

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\
 Data File : BF117698.D
 Acq On : 6 Nov 2019 13:54
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:30:31 PM

Quant Time: Nov 06 15:14:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 14:03:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	380439	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	1429495	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	753160	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1347008	20.00	ng	0.00
76) Chrysene-d12	14.13	240	898127	20.00	ng	0.00
87) Perylene-d12	15.64	264	837878	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	2080843	90.27	ng	0.00
7) Phenol-d6	6.56	99	2557813	89.87	ng	0.00
23) Nitrobenzene-d5	7.50	82	2408705	103.81	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	722962	98.50	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3918634	99.78	ng	0.00
79) Terphenyl-d14	13.07	244	4231819	97.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	526949	49.073	ng	99
3) Pyridine	3.52	79	1447658	49.945	ng	100
4) n-Nitrosodimethylamine	3.49	42	641357	48.857	ng	98
6) Aniline	6.60	93	1827039	47.306	ng	99
8) 2-Chlorophenol	6.72	128	1167617	49.377	ng	97
9) Benzaldehyde	6.49	77	896319	59.849	ng	98
10) Phenol	6.57	94	1406125	49.471	ng	98
11) bis(2-Chloroethyl)ether	6.67	93	1146395	49.137	ng	97
12) 1,3-Dichlorobenzene	6.88	146	1337487	48.993	ng	98
13) 1,4-Dichlorobenzene	6.96	146	1345671	49.083	ng	98
14) 1,2-Dichlorobenzene	7.11	146	1243052	49.492	ng	99
15) Benzyl Alcohol	7.07	79	1046319	50.101	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	1818543	48.987	ng	100
17) 2-Methylphenol	7.18	107	997229	48.857	ng	99
18) Hexachloroethane	7.46	117	505826	49.806	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	834722	48.200	ng	98
20) 3+4-Methylphenols	7.34	107	1171894	48.671	ng	90
22) Acetophenone	7.35	105	1591350	49.427	ng	# 98
24) Nitrobenzene	7.52	77	1254844	52.535	ng	97
25) Isophorone	7.76	82	2258993	50.782	ng	99
26) 2-Nitrophenol	7.84	139	602203	57.301	ng	93
27) 2,4-Dimethylphenol	7.87	122	977839	51.425	ng	100
28) bis(2-Chloroethoxy)methane	7.97	93	1462365	52.063	ng	100
29) 2,4-Dichlorophenol	8.07	162	1022247	53.390	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	1165074	53.089	ng	99
31) Naphthalene	8.25	128	3190618	51.336	ng	99
32) Benzoic acid	7.99	122	824125m	58.152	ng	
33) 4-Chloroaniline	8.29	127	1497668	51.058	ng	97
34) Hexachlorobutadiene	8.37	225	666368	53.050	ng	99
35) Caprolactam	8.67	113	328589m	50.763	ng	
36) 4-Chloro-3-methylphenol	8.77	107	1010696	51.866	ng	99
37) 2-Methylnaphthalene	8.94	142	2170491	51.445	ng	99
38) 1-Methylnaphthalene	9.04	142	2061253	51.572	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	1021778	51.201	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	568432	51.592	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	747923	54.312	ng	100
44) 2,4,5-Trichlorophenol	9.25	196	768154	55.450	ng	96
46) 1,1'-Biphenyl	9.41	154	2560898	49.060	ng	99
47) 2-Chloronaphthalene	9.43	162	2154650	51.694	ng	98
48) 2-Nitroaniline	9.52	65	693920	55.378	ng	95
49) Acenaphthylene	9.85	152	3136578	51.112	ng	98
50) Dimethylphthalate	9.71	163	2478197	51.792	ng	99
51) 2,6-Dinitrotoluene	9.77	165	577687	55.515	ng	87
52) Acenaphthene	10.02	154	2012367	51.972	ng	99
53) 3-Nitroaniline	9.94	138	696644	55.002	ng	91
54) 2,4-Dinitrophenol	10.03	184	205012	60.853	ng	# 66
55) Dibenzofuran	10.19	168	2831203	51.949	ng	99
56) 4-Nitrophenol	10.08	139	517876	55.177	ng	98
57) 2,4-Dinitrotoluene	10.17	165	748407	57.272	ng	90
58) Fluorene	10.54	166	2067658	51.175	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	640264	57.431	ng	100
60) Diethylphthalate	10.41	149	2478011	52.786	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	1080976	51.729	ng	97
62) 4-Nitroaniline	10.56	138	686384	55.624	ng	99
63) Azobenzene	10.69	77	2329821	51.676	ng	96
65) 4,6-Dinitro-2-methylphenol	10.58	198	290403	59.869	ng	89
66) n-Nitrosodiphenylamine	10.65	169	1983859	50.770	ng	99
67) 4-Bromophenyl-phenylether	11.02	248	733014	51.441	ng	95
68) Hexachlorobenzene	11.09	284	847086	51.254	ng	96
69) Atrazine	11.17	200	651451	80.673	ng	99
70) Pentachlorophenol	11.27	266	497128	59.367	ng	99
71) Phenanthrene	11.50	178	3170061	50.177	ng	99
72) Anthracene	11.56	178	3120975	49.159	ng	98
73) Carbazole	11.70	167	2880784	49.632	ng	98
74) Di-n-butylphthalate	12.04	149	3527467	50.632	ng	98
75) Fluoranthene	12.70	202	3213873	49.895	ng	98
77) Benzidine	12.81	184	1603509	90.833	ng	98
78) Pyrene	12.93	202	3248553	51.454	ng	98
80) Butylbenzylphthalate	13.54	149	1532869	53.423	ng	93
81) Benzo(a)anthracene	14.12	228	2764356	52.225	ng	100
82) 3,3'-Dichlorobenzidine	14.08	252	1057865	55.432	ng	98
83) Chrysene	14.16	228	2739649	52.611	ng	97
84) Bis(2-ethylhexyl)phthalate	14.10	149	1952999	53.182	ng	99
85) Di-n-octyl phthalate	14.73	149	3069864	53.893	ng	100
86) Indeno(1,2,3-cd)pyrene	17.18	276	2498229	51.154	ng	100
88) Benzo(b)fluoranthene	15.19	252	2713962	54.615	ng	98
89) Benzo(k)fluoranthene	15.23	252	2331685	50.712	ng	98
90) Benzo(a)pyrene	15.57	252	2307238	52.847	ng	99
91) Dibenzo(a,h)anthracene	17.20	278	2059697	52.999	ng	98
92) Benzo(g,h,i)perylene	17.64	276	2027744	53.388	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

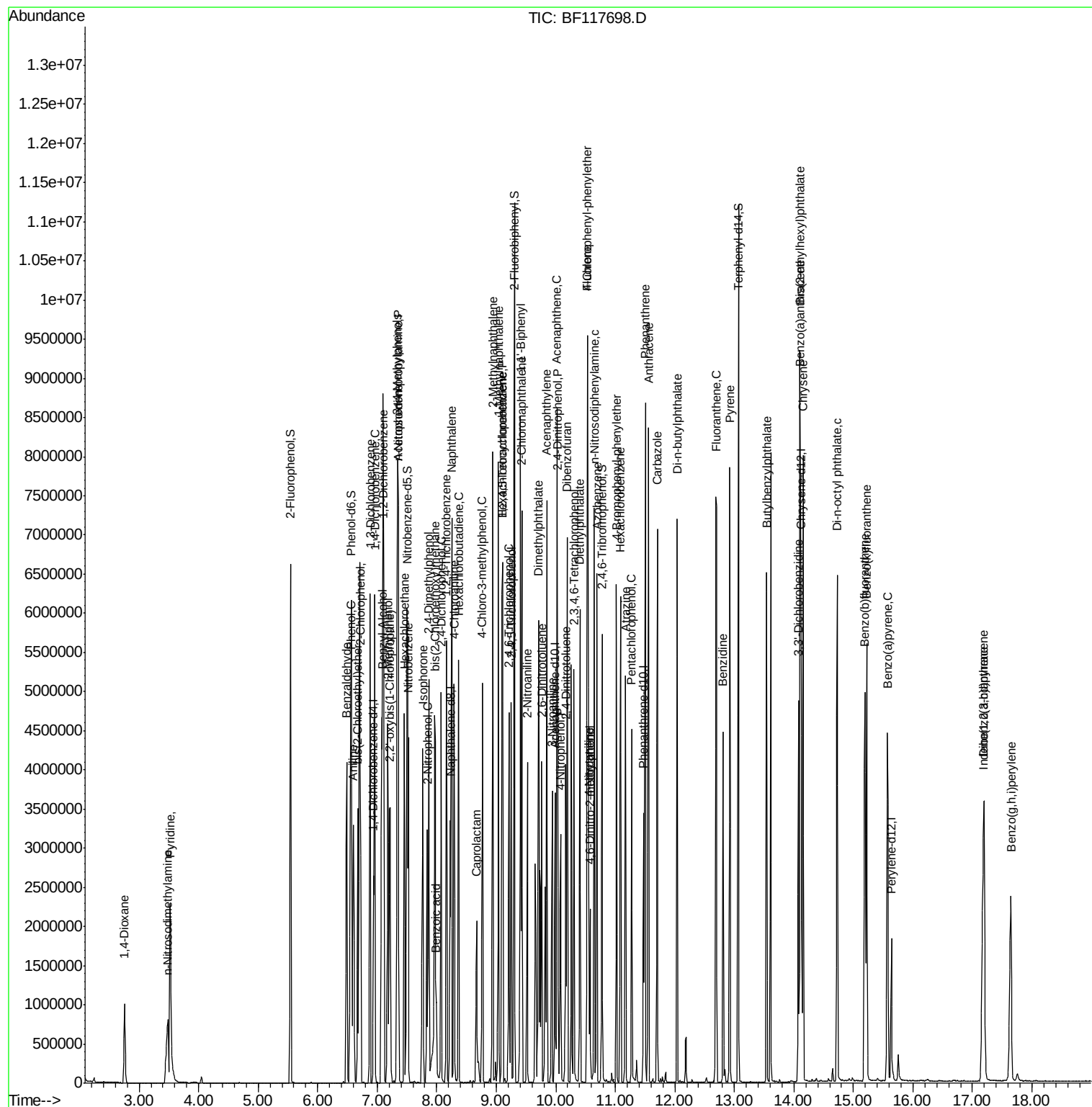
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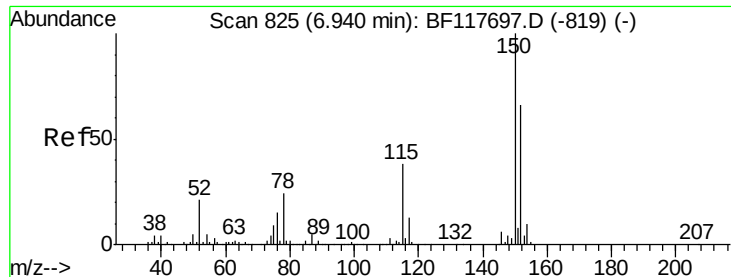
Instrument :
BNA_F
Client Sample ID :
SSTDICC050

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#1

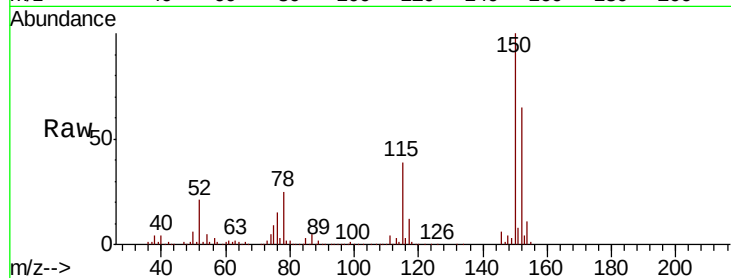
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	121.4	182.2
115	59.6	46.7	70.1

Manual Integrations
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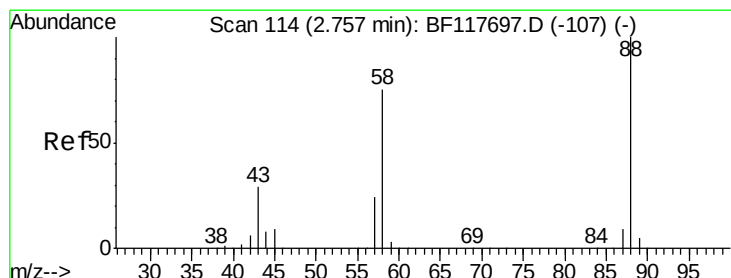
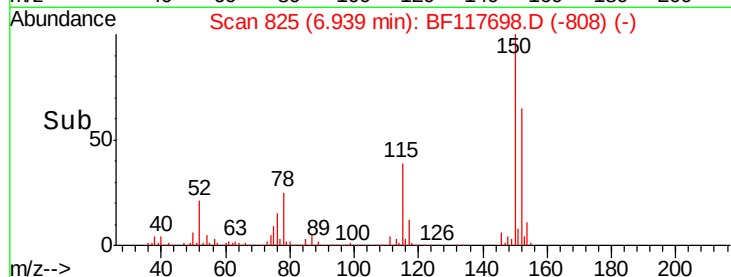
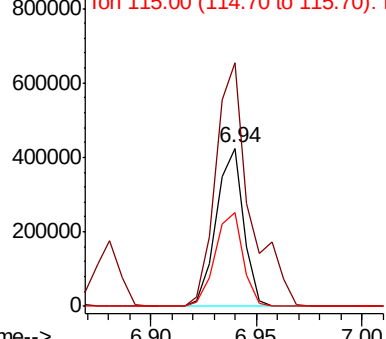


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

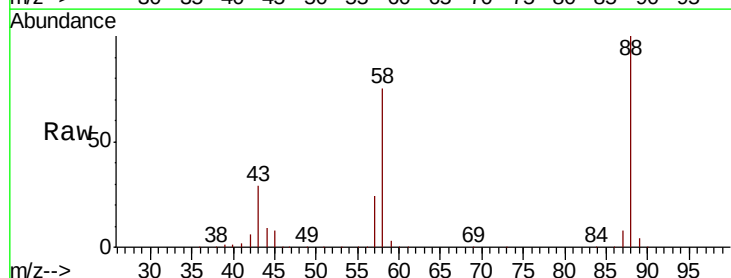
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 49.073 ng
RT: 2.76 min Scan# 114
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.4	60.1	90.1
43	29.4	24.0	36.0

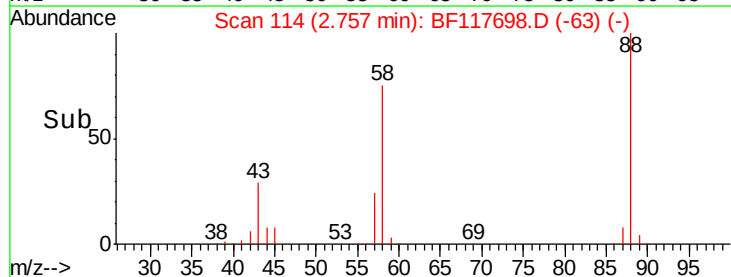
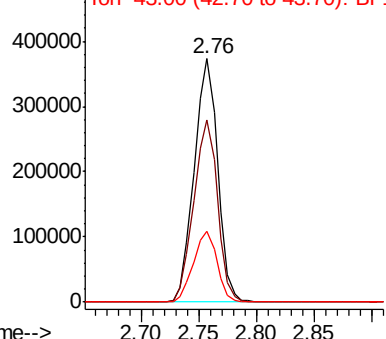


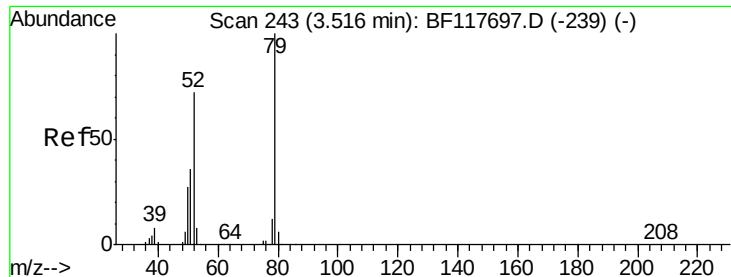
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 49.945 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 79 Resp: 1447658

Ion Ratio Lower Upper

79 100

52 71.7 57.2 85.8

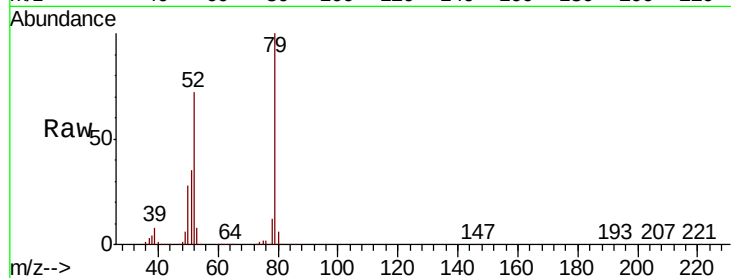
51 35.5 28.6 42.8

Manual Integrations

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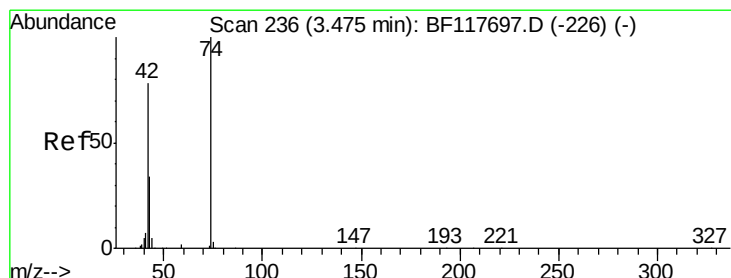
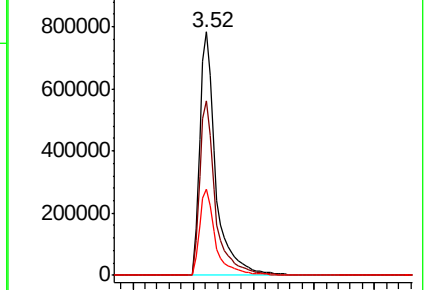
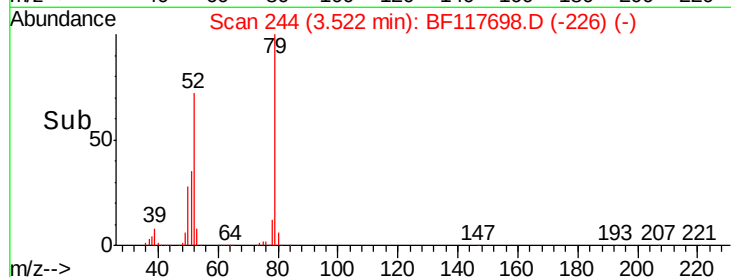
11/8/2019 3:30:31 PM



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 48.857 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

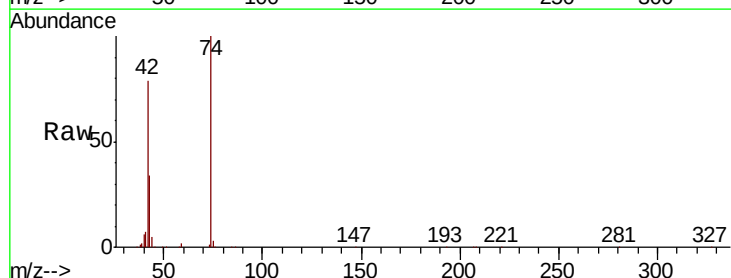
Tgt Ion: 42 Resp: 641357

Ion Ratio Lower Upper

42 100

74 126.9 103.1 154.7

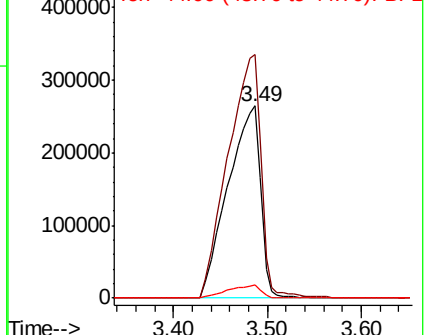
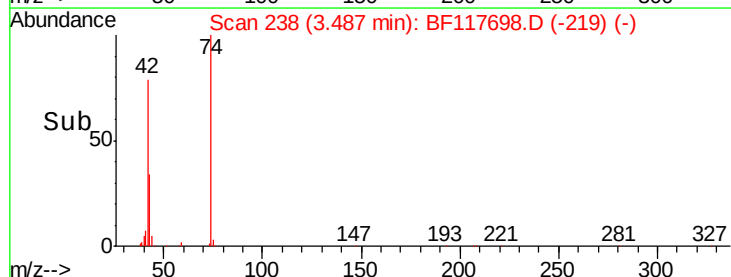
44 6.7 5.0 7.6

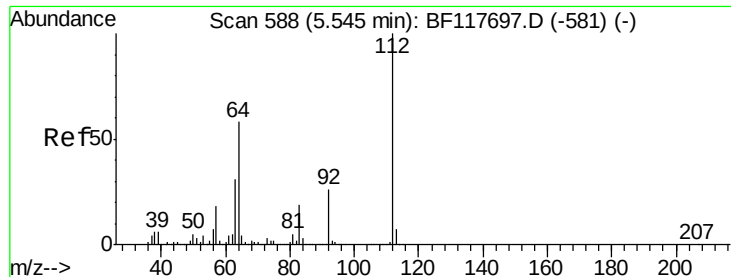


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 90.274 ng

RT: 5.55 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:112 Resp: 2080843

Ion Ratio Lower Upper

112 100

64 59.8 46.4 69.6

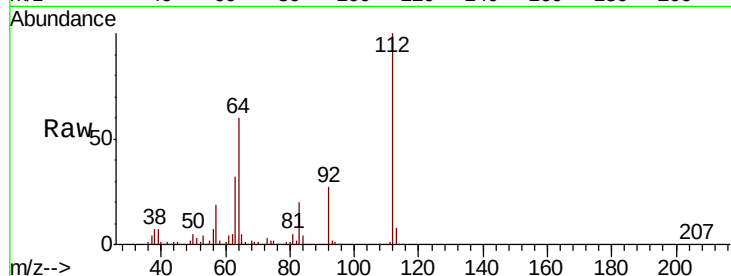
63 31.7 24.6 37.0

Manual Integrations

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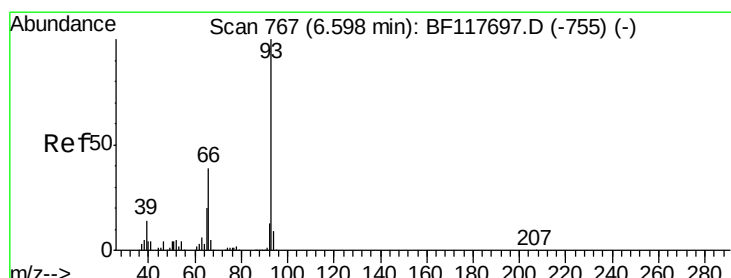
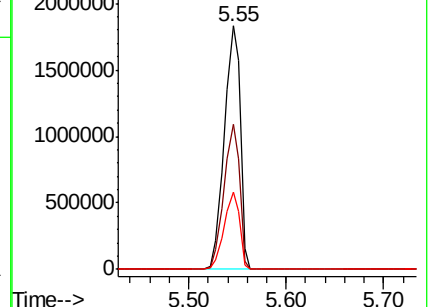
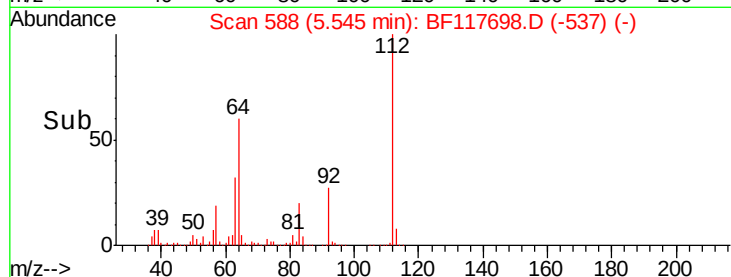
11/8/2019 3:30:31 PM



Abundance Ion 112.00 (111.70 to 112.70): BF117698.D (-537) (-)

Ion 64.00 (63.70 to 64.70): BF117698.D (-537) (-)

Ion 63.00 (62.70 to 63.70): BF117698.D (-537) (-)



#6

Aniline

Concen: 47.306 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

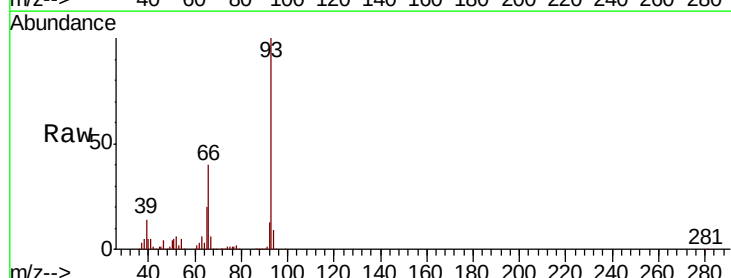
Tgt Ion: 93 Resp: 1827039

Ion Ratio Lower Upper

93 100

66 40.1 31.7 47.5

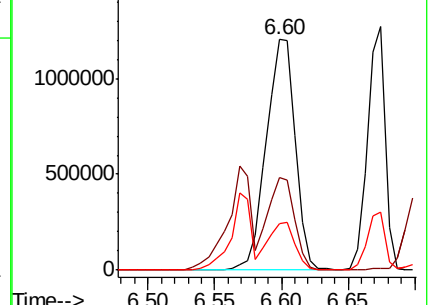
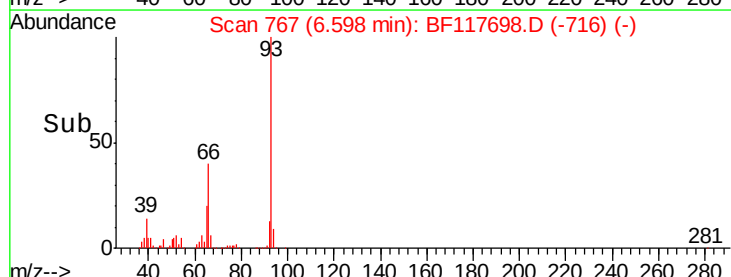
65 20.2 15.8 23.8

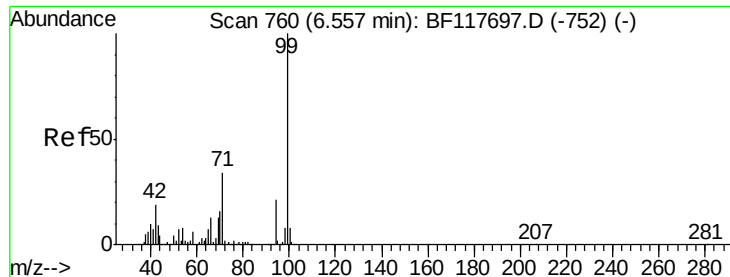


Abundance Ion 93.00 (92.70 to 93.70): BF117698.D (-716) (-)

Ion 66.00 (65.70 to 66.70): BF117698.D (-716) (-)

Ion 65.00 (64.70 to 65.70): BF117698.D (-716) (-)





#7

Phenol-d6

Concen: 89.870 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 2557813

Ion Ratio Lower Upper

99 100

42 20.6 15.3 22.9

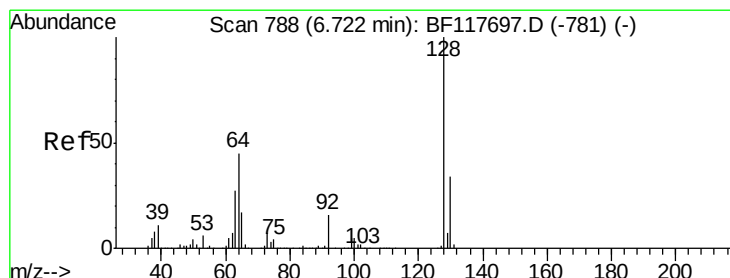
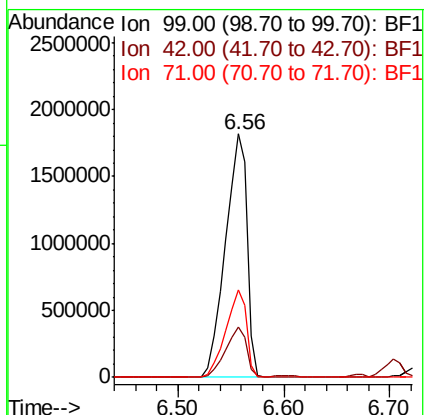
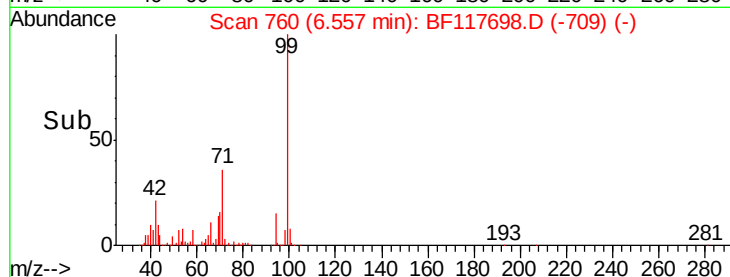
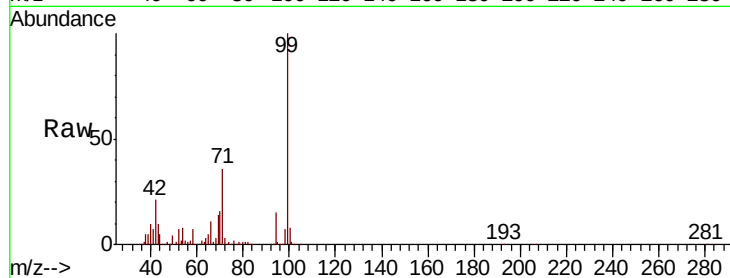
71 35.7 26.8 40.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 49.377 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

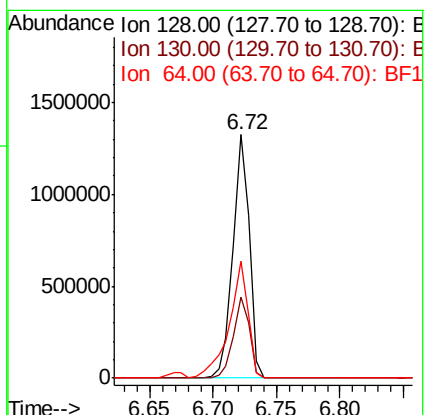
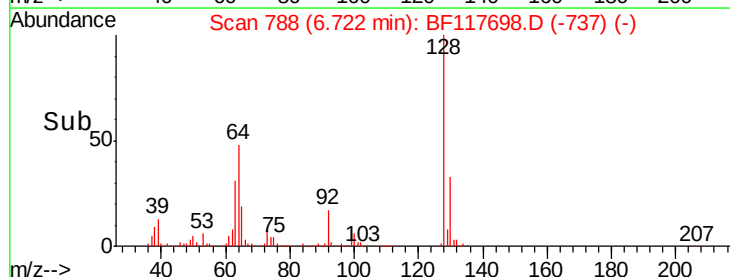
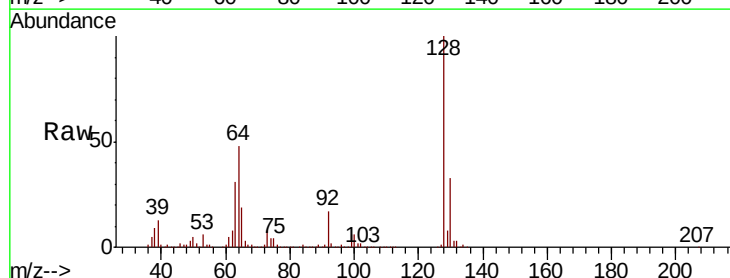
Tgt Ion: 128 Resp: 1167617

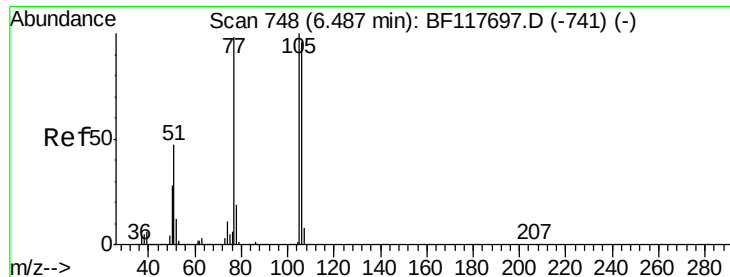
Ion Ratio Lower Upper

128 100

130 33.4 13.6 53.6

64 48.0 25.2 65.2





#9

Benzaldehyde

Concen: 59.849 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

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Instrument :

BNA_F

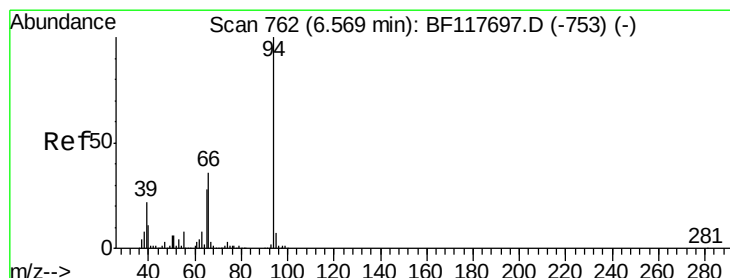
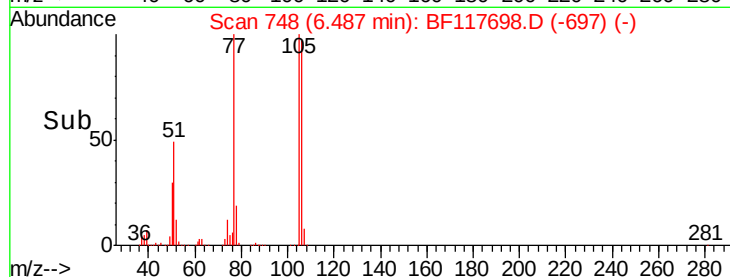
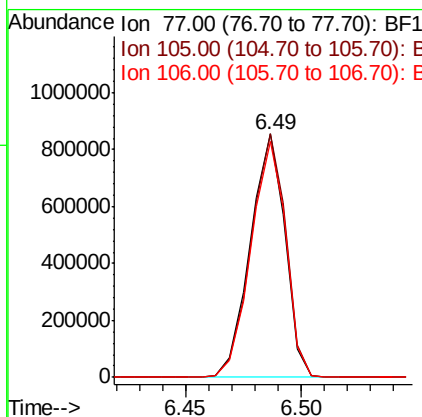
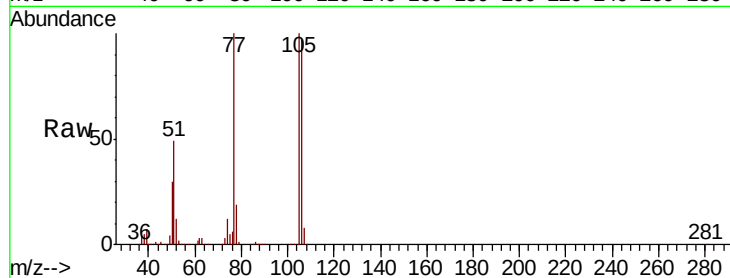
ClientSampleId :

SSTDICC050

Tot Ion:	77	Resp:	896319
Ion	Ratio	Lower	Upper
77	100		
105	100.0	82.3	122.3
106	96.7	78.0	118.0

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#10

Phenol

Concen: 49.471 ng

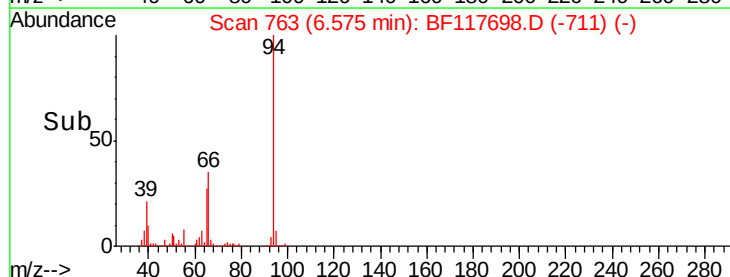
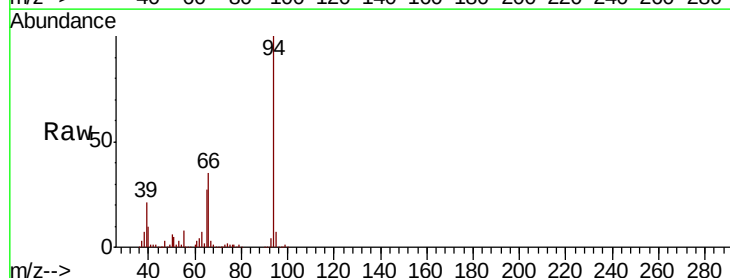
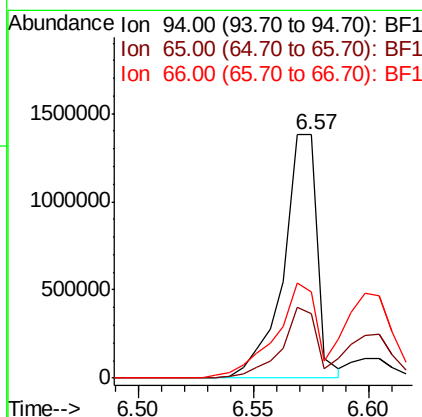
RT: 6.57 min Scan# 763

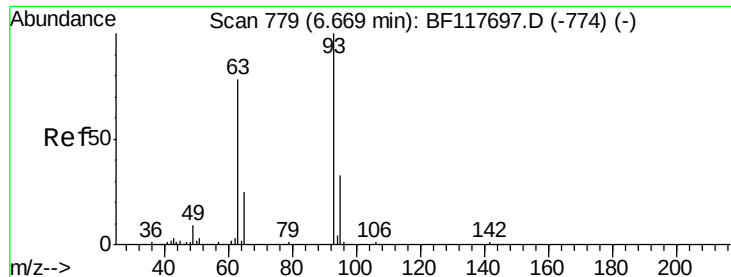
Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Tgt Ion:	94	Resp:	1406125
Ion	Ratio	Lower	Upper
94	100		
65	26.7	7.6	47.6
66	35.3	16.1	56.1





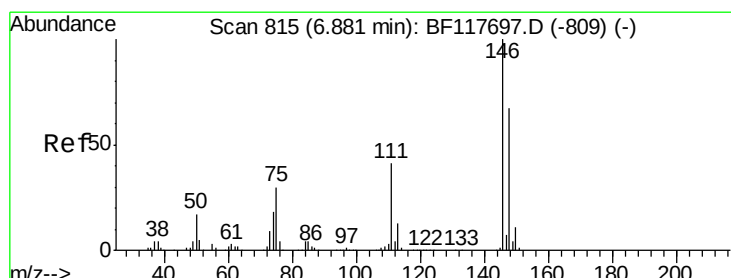
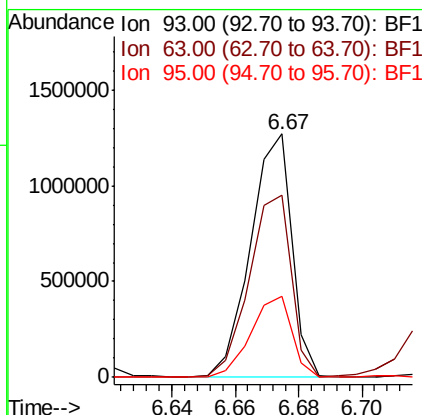
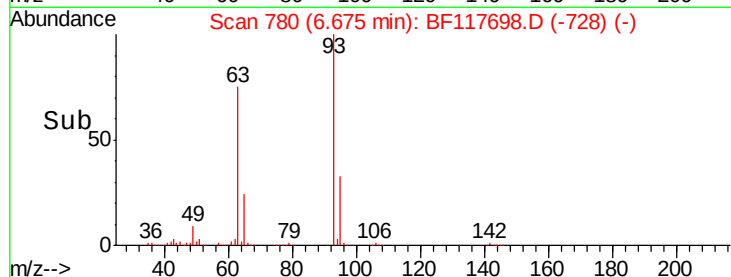
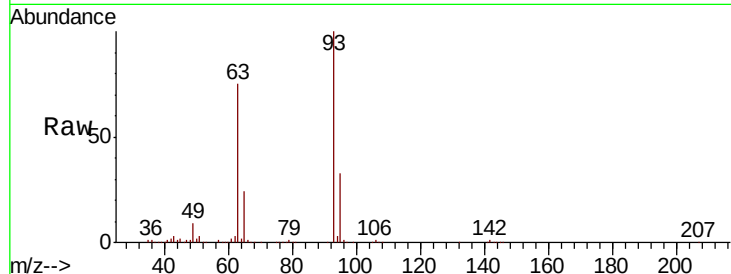
#11
bis(2-Chloroethyl)ether
Concen: 49.137 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 93 Resp: 1146395
Ion Ratio Lower Upper
93 100
63 74.6 57.6 97.6
95 33.4 12.7 52.7

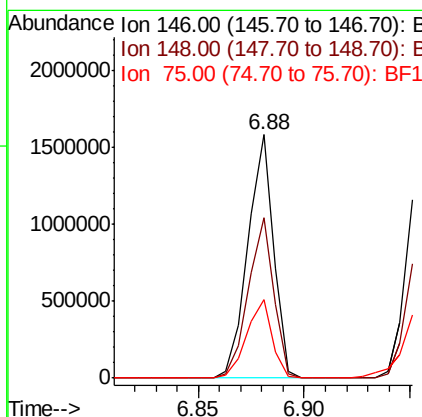
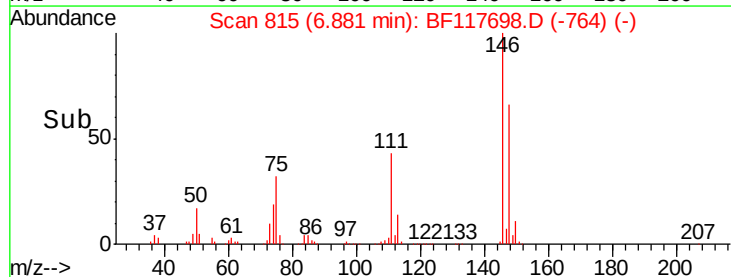
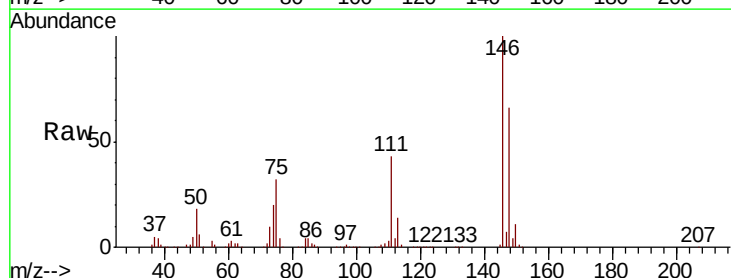
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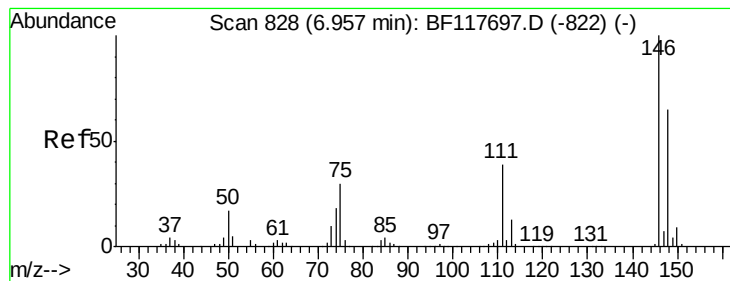
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#12
1,3-Dichlorobenzene
Concen: 48.993 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion: 146 Resp: 1337487
Ion Ratio Lower Upper
146 100
148 65.7 53.4 80.2
75 32.0 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 49.083 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:146 Resp: 1345671

Ion Ratio Lower Upper

146 100

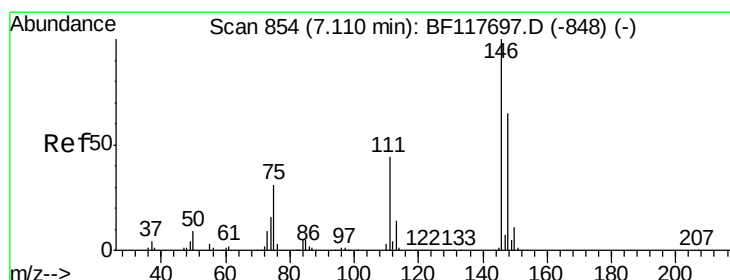
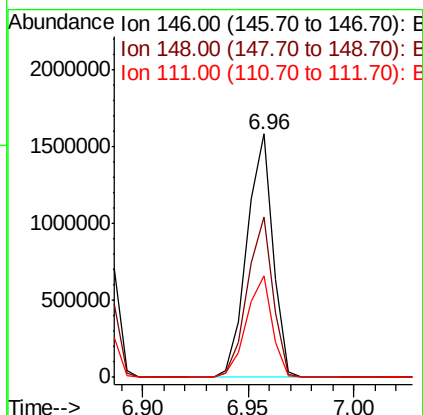
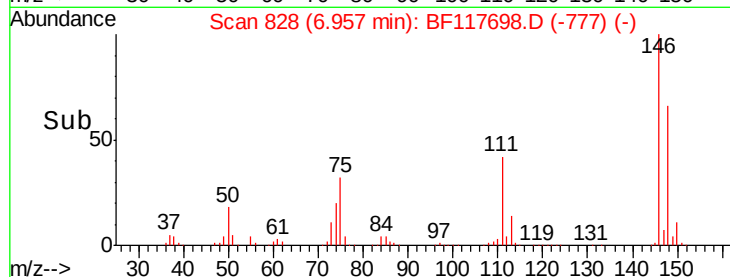
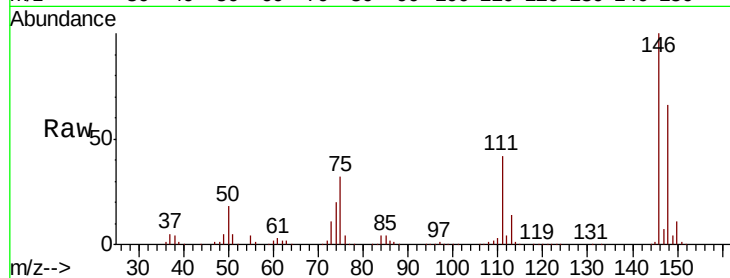
148 66.0 51.9 77.9

111 41.7 31.6 47.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 49.492 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

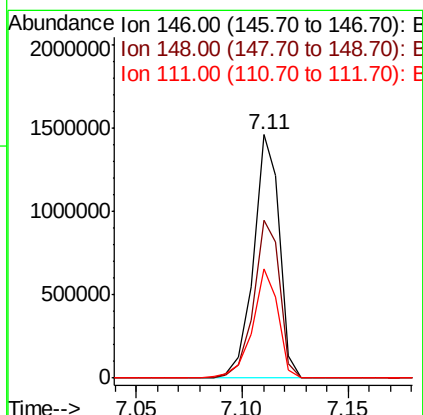
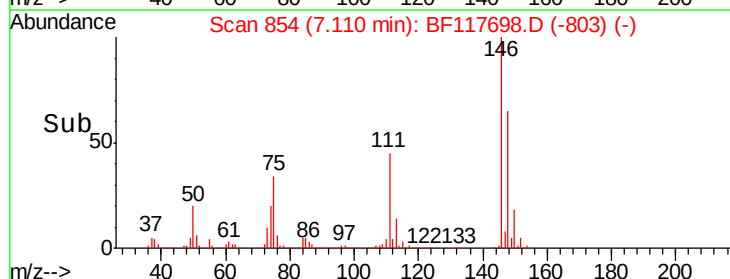
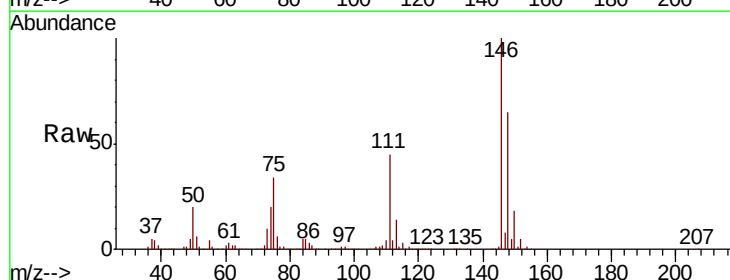
Tgt Ion:146 Resp: 1243052

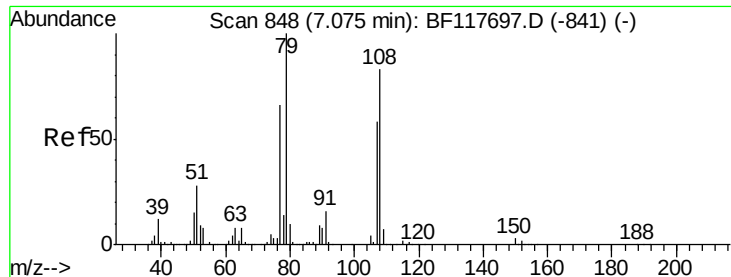
Ion Ratio Lower Upper

146 100

148 65.0 52.1 78.1

111 44.9 35.1 52.7





#15

Benzyl Alcohol

Concen: 50.101 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampled :

SSTDICC050

Tot Ion: 79 Resp: 1046319

Ion Ratio Lower Upper

79 100

108 82.0 66.5 99.7

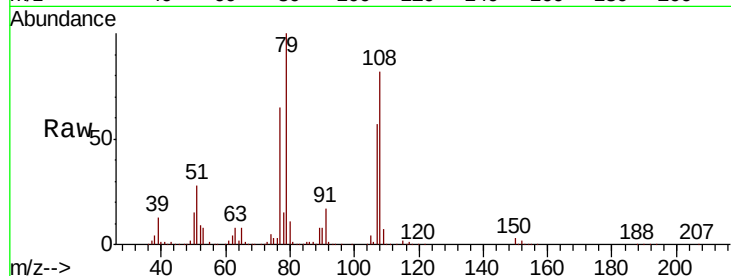
77 65.5 52.9 79.3

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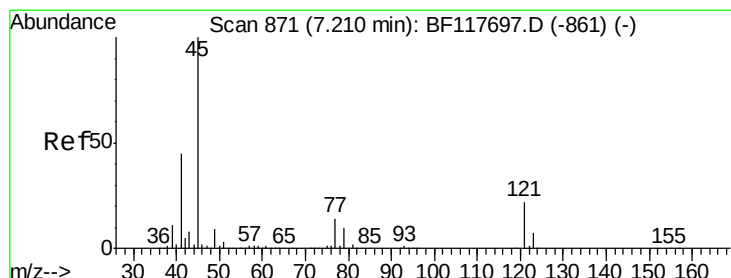
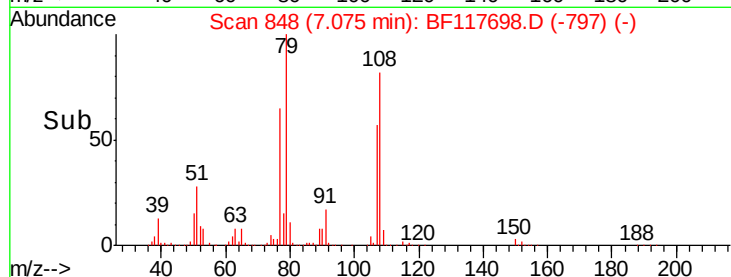
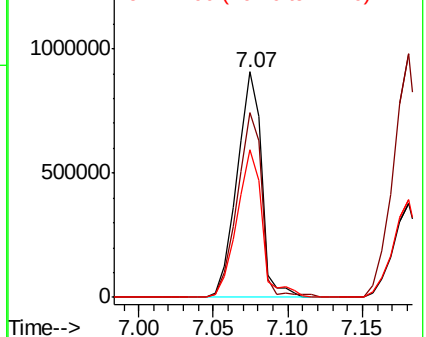
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.987 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

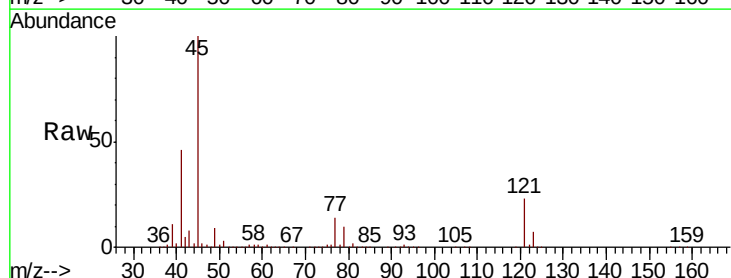
Tgt Ion: 45 Resp: 1818543

Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.8

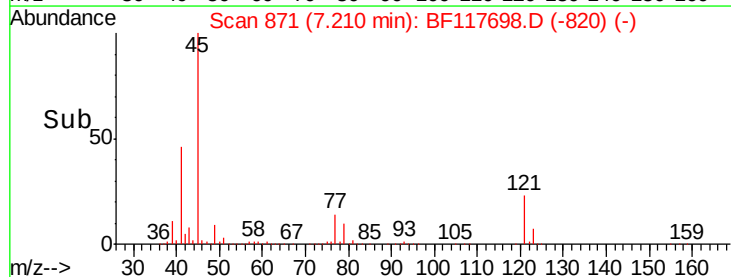
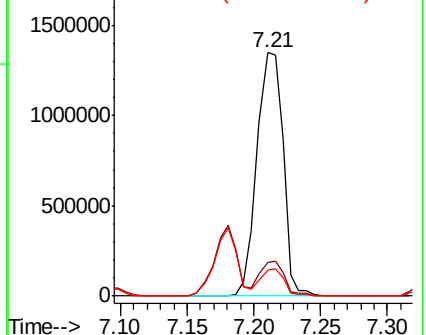
79 10.5 0.0 30.5

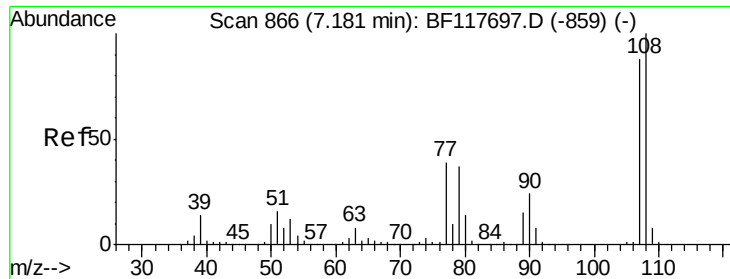


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





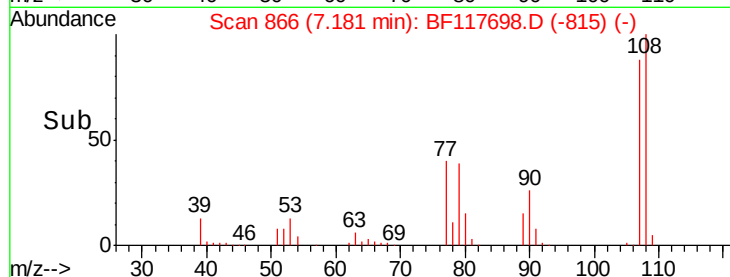
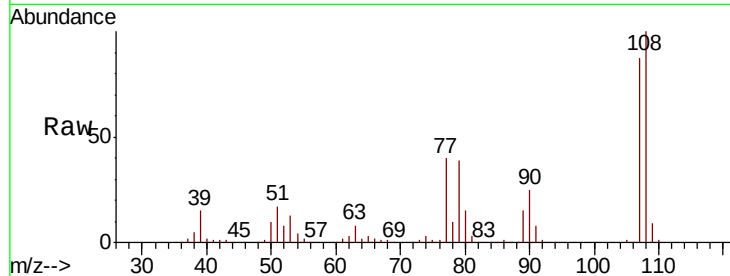
#17
2-Methylphenol
Concen: 48.857 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

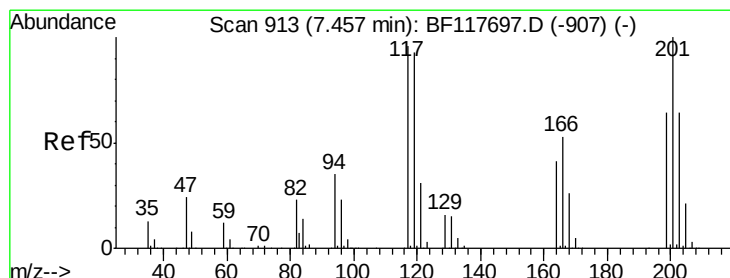
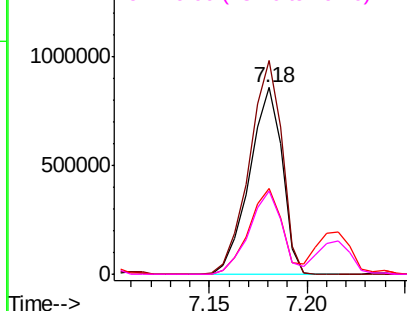
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	91.1	136.7	
77	45.8	35.8	53.8	
79	44.3	34.1	51.1	

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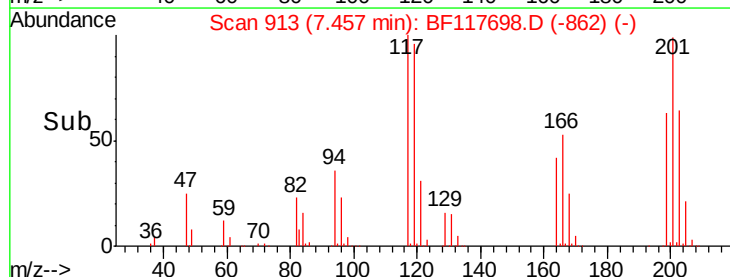
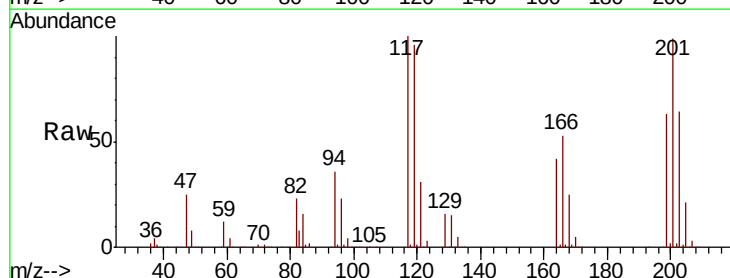


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

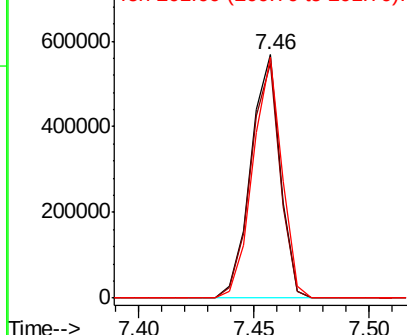


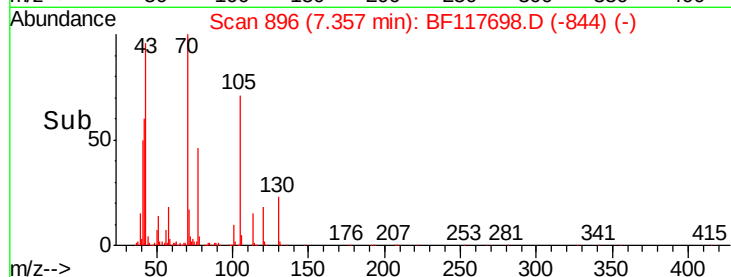
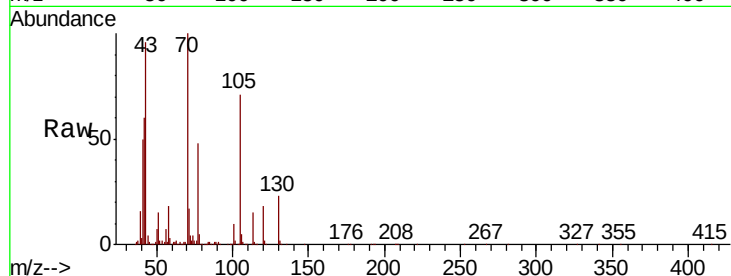
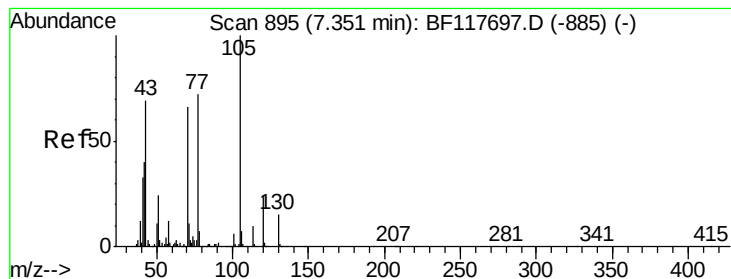
#18
Hexachloroethane
Concen: 49.806 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.7	116.5	
201	99.2	83.2	124.8	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 48.200 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 70 Resp: 834722

Ion Ratio Lower Upper

70 100

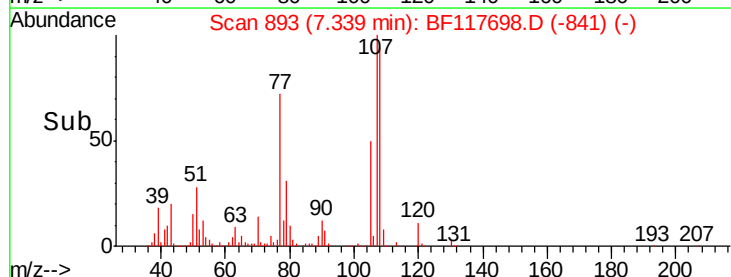
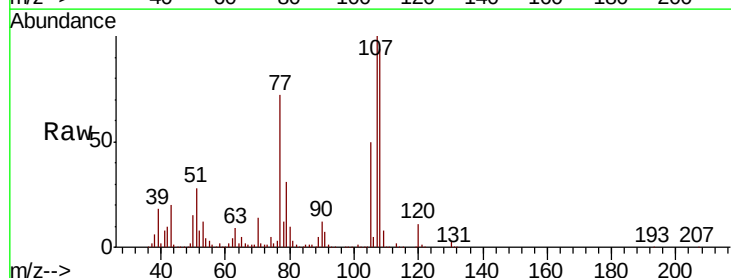
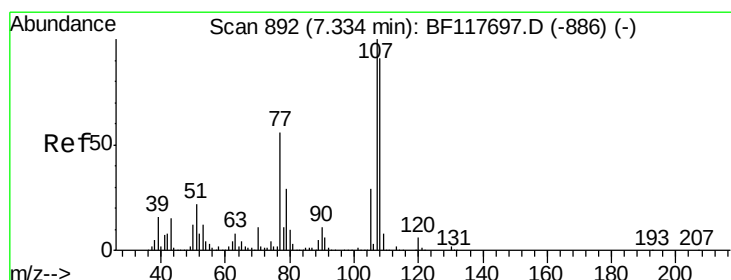
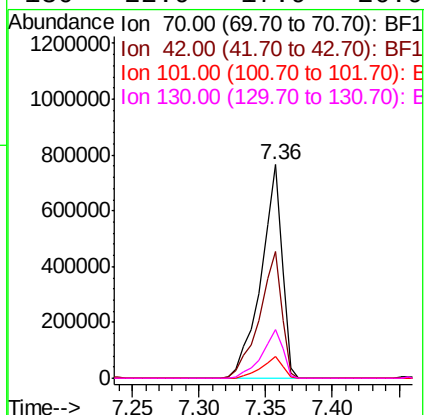
42 59.6 49.1 73.7

101 10.0 7.8 11.8

130 22.9 17.9 26.9

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#20

3+4-Methylphenols

Concen: 48.671 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Tgt Ion: 107 Resp: 1171894

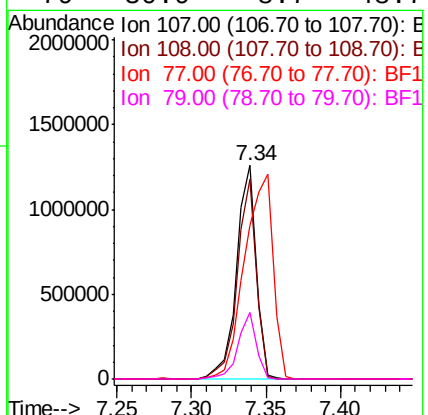
Ion Ratio Lower Upper

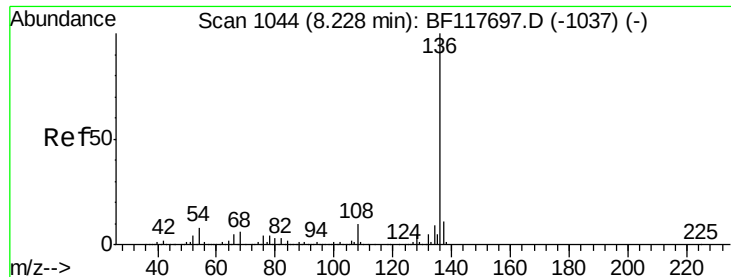
107 100

108 93.7 70.5 110.5

77 72.0 35.6 75.6

79 30.9 8.7 48.7





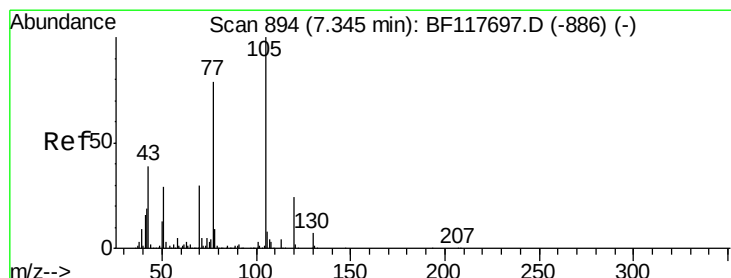
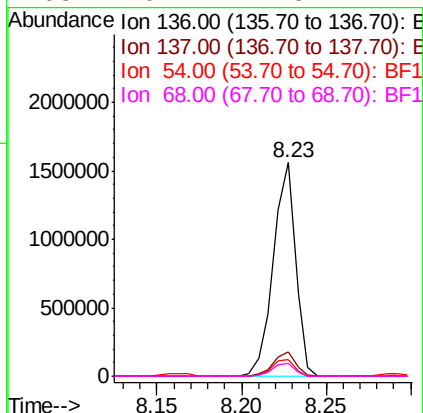
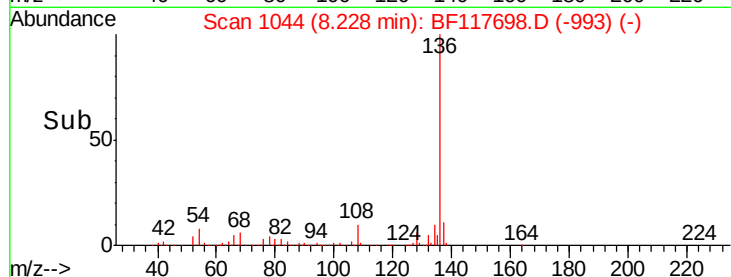
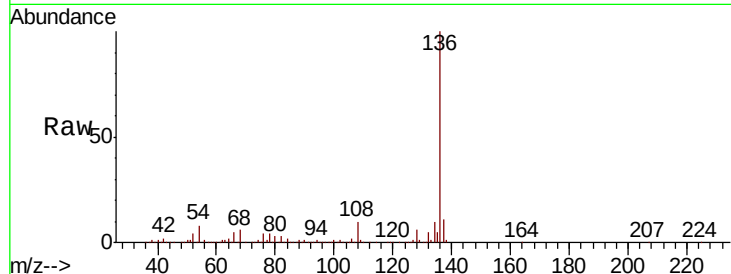
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	136	Resp	1429495
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.6	6.0	9.0
68	6.1	4.8	7.2

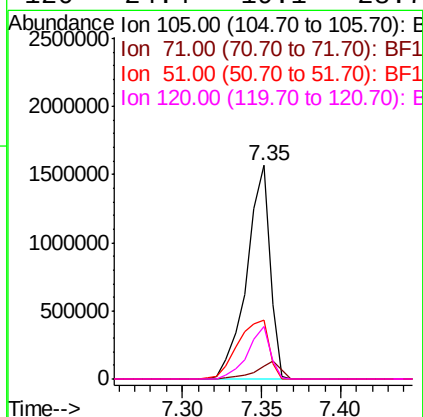
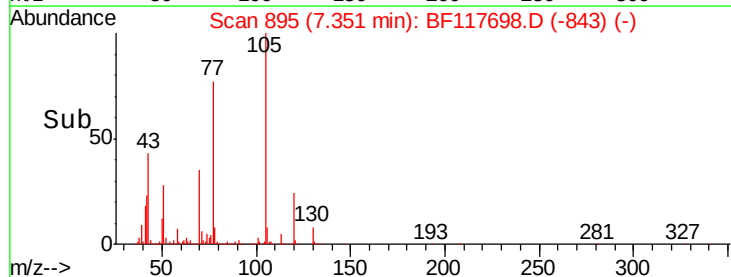
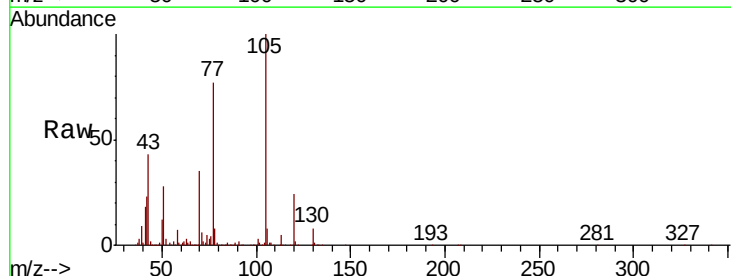
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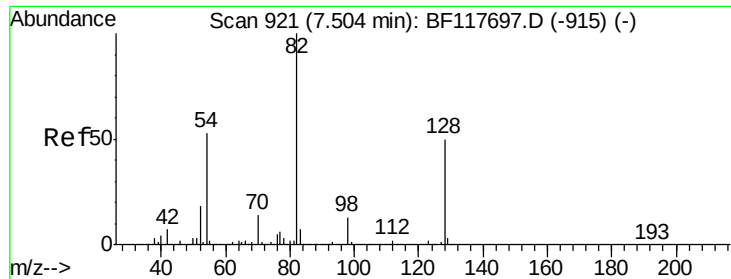
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#22
Acetophenone
Concen: 49.427 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	105	Resp	1591350
Ion	Ratio	Lower	Upper
105	100		
71	6.0	3.9	5.9#
51	27.5	23.0	34.4
120	24.4	19.1	28.7





#23
 Nitrobenzene-d5
 Concen: 103.806 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

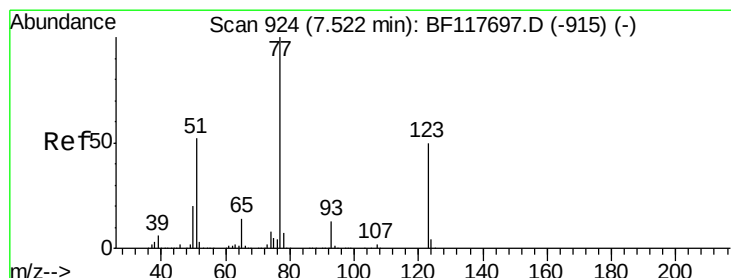
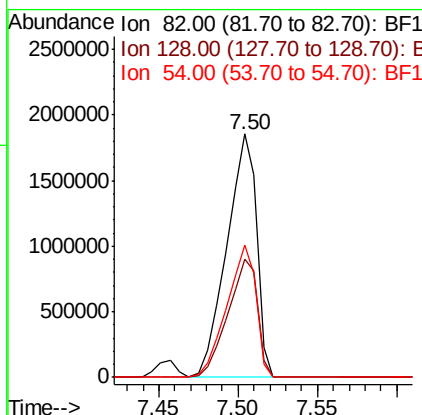
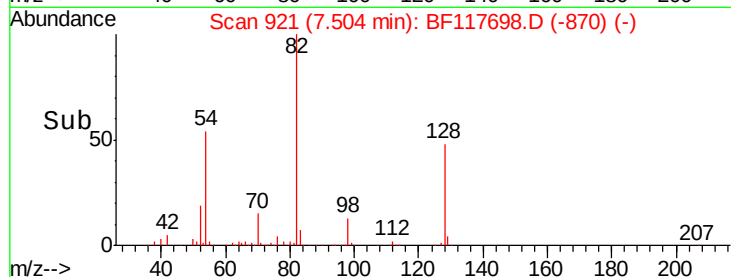
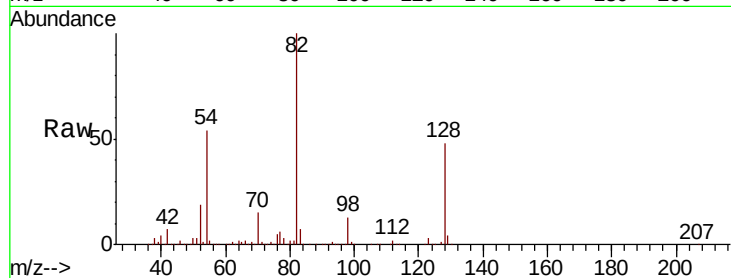
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 2408705

Ion	Ratio	Lower	Upper
82	100		
128	48.5	40.2	60.2
54	54.4	42.0	63.0

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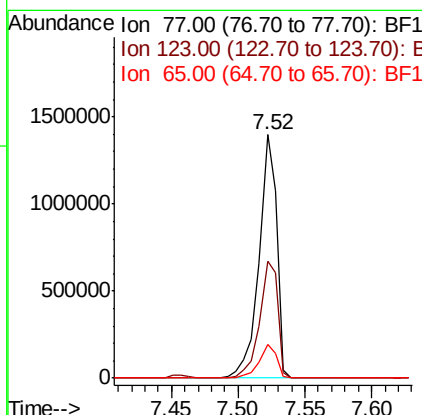
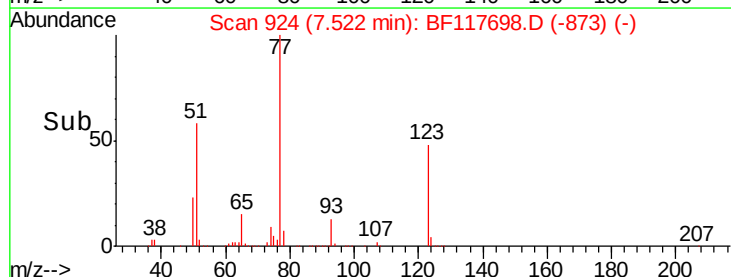
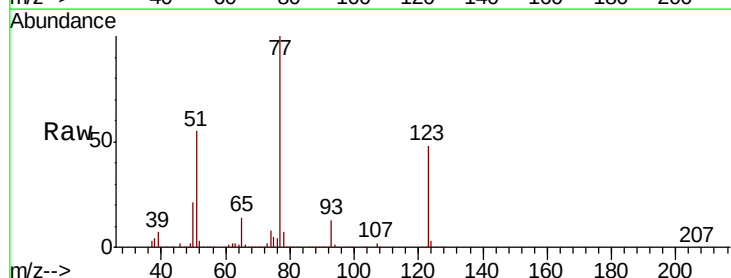
Sohil
 11/8/2019 3:30:31 PM

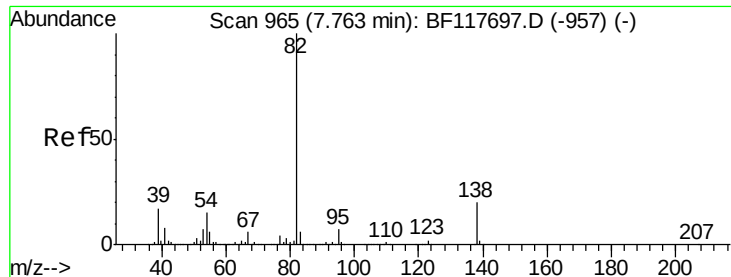


#24
 Nitrobenzene
 Concen: 52.535 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Tgt Ion: 77 Resp: 1254844

Ion	Ratio	Lower	Upper
77	100		
123	48.2	40.4	60.6
65	14.0	10.8	16.2





#25

Isophorone

Concen: 50.782 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 2258993

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

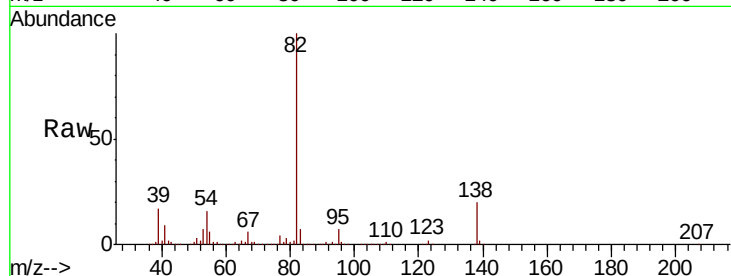
138 19.7 16.2 24.2

Manual Integrations

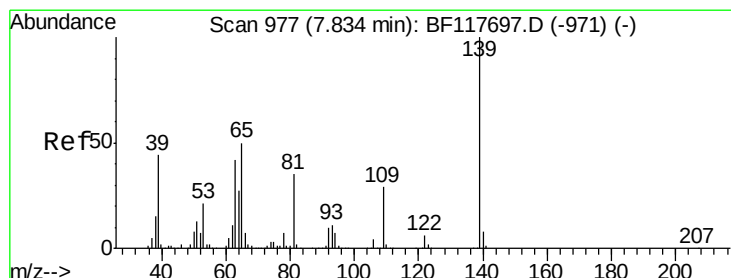
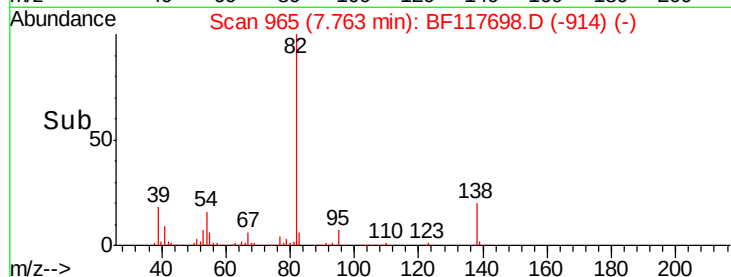
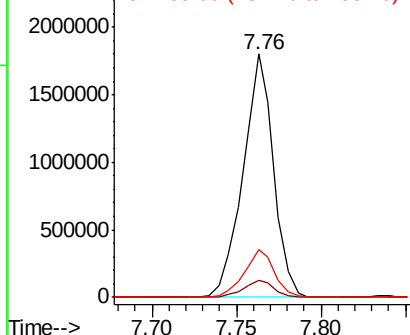
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 57.301 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

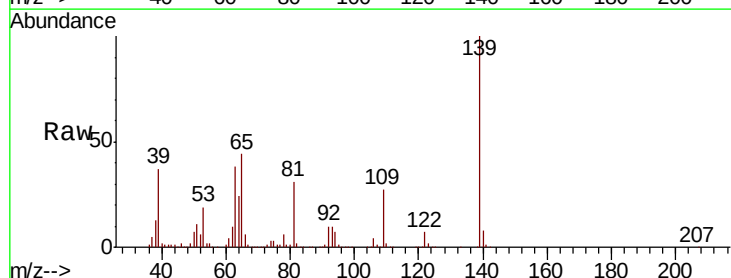
Tgt Ion: 139 Resp: 602203

Ion Ratio Lower Upper

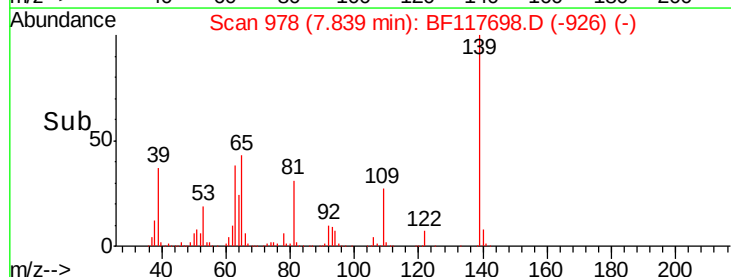
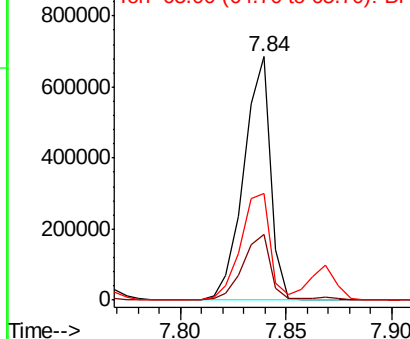
139 100

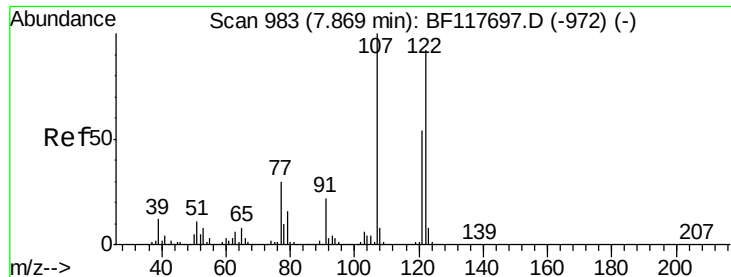
109 27.2 22.8 34.2

65 43.9 40.2 60.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.425 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

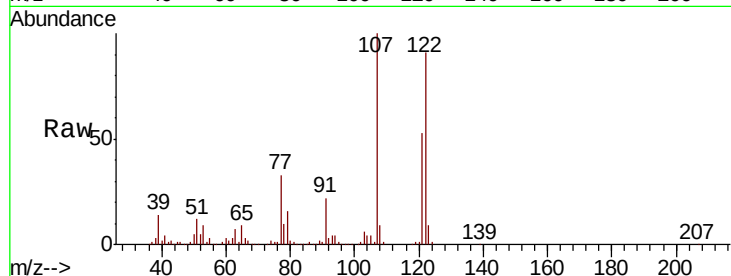
ClientSampleId :

SSTDICC050

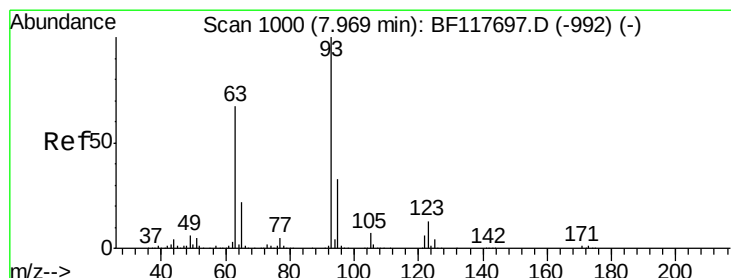
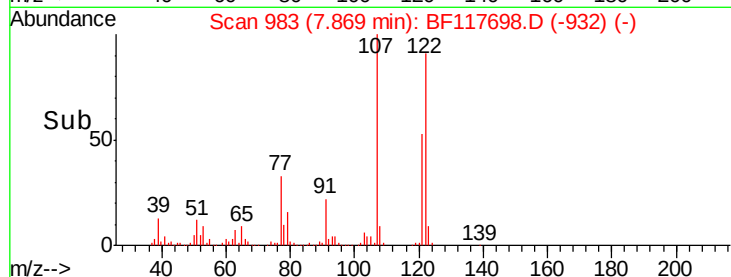
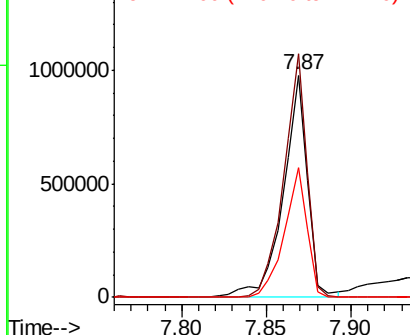
Tot Ion:	122	Resp:	977839
Ion Ratio	Lower	Upper	
122	100		
107	109.5	87.1	130.7
121	58.4	46.9	70.3

Manual Integrations
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 52.063 ng

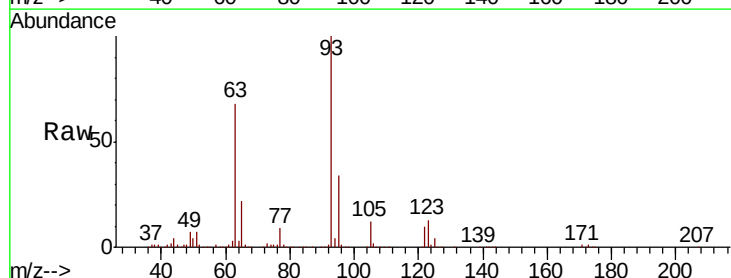
RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

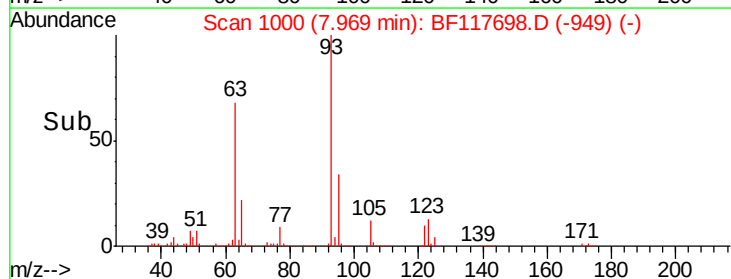
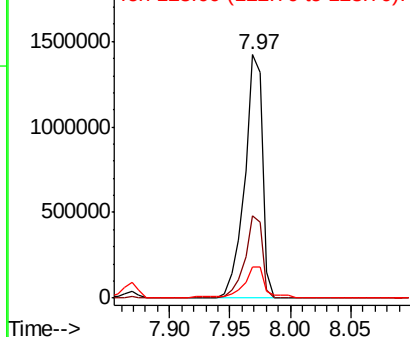
Lab File: BF117698.D

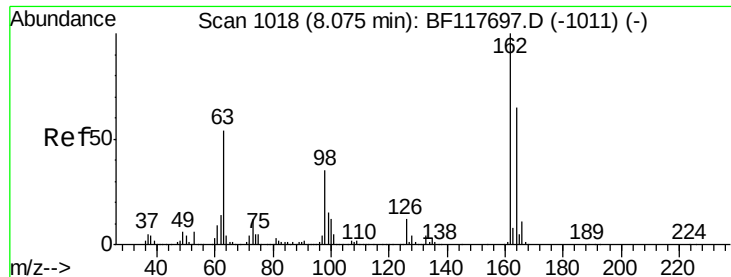
Acq: 6 Nov 2019 13:54

Tgt Ion:	93	Resp:	1462365
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.8	40.2
123	12.7	10.4	15.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





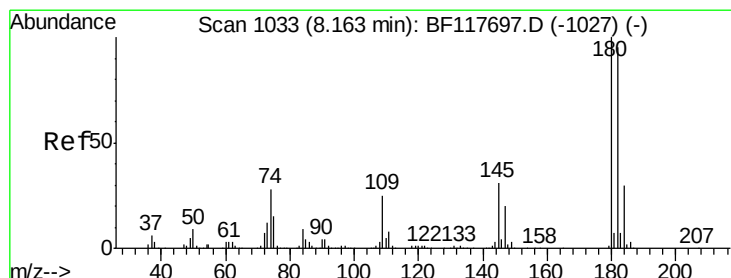
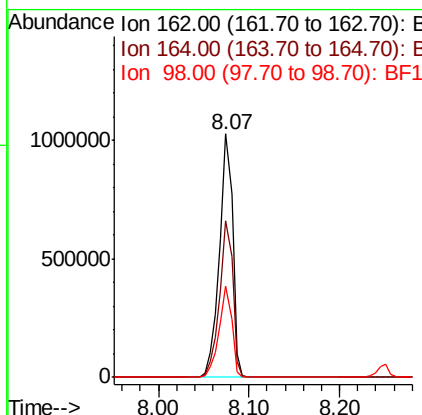
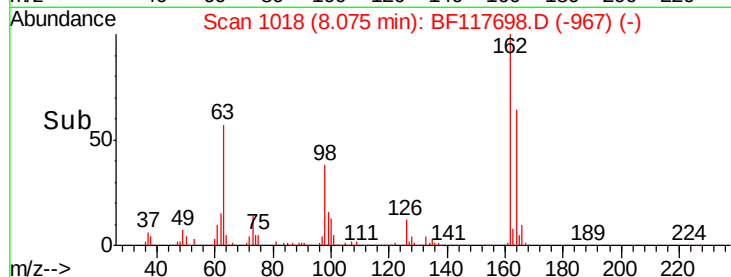
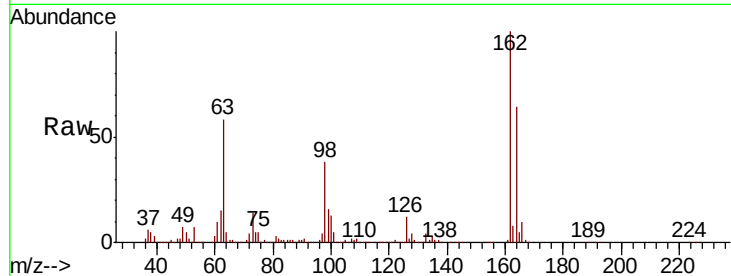
#29
2,4-Dichlorophenol
Concen: 53.390 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampled :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.4	85.4
98	37.6	15.5	55.5

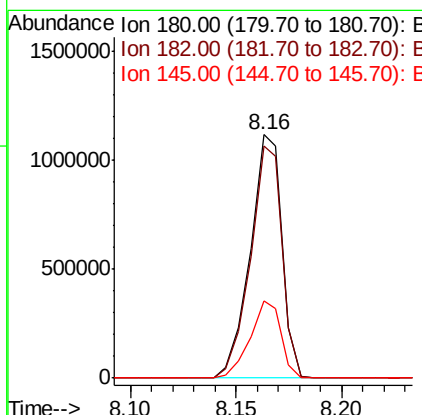
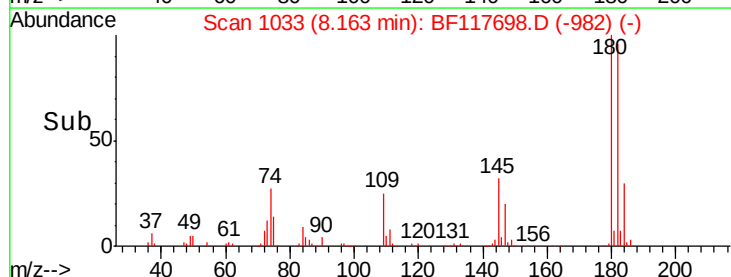
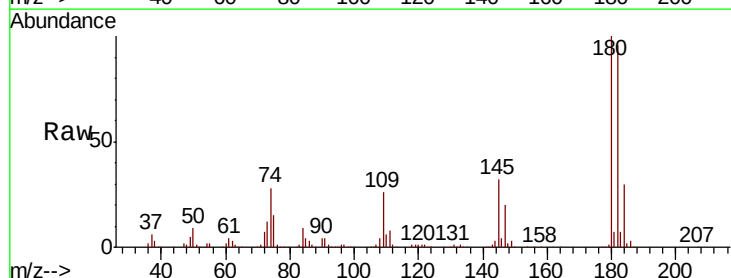
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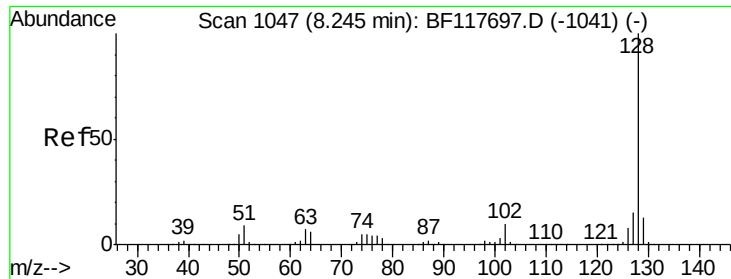
Sohil
11/8/2019 3:30:31 PM



#30
1,2,4-Trichlorobenzene
Concen: 53.089 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.0	114.0
145	31.7	25.0	37.4





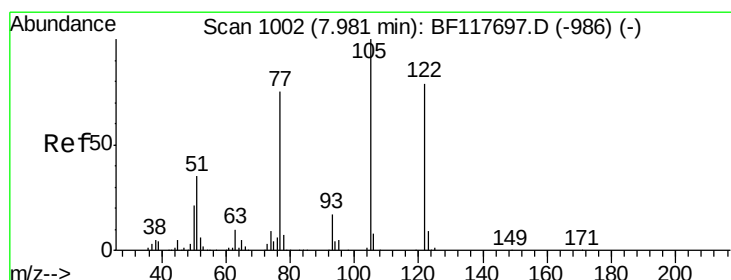
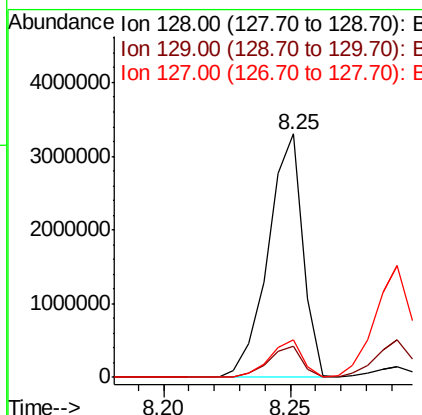
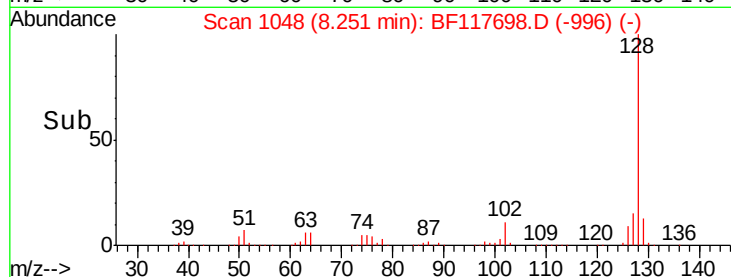
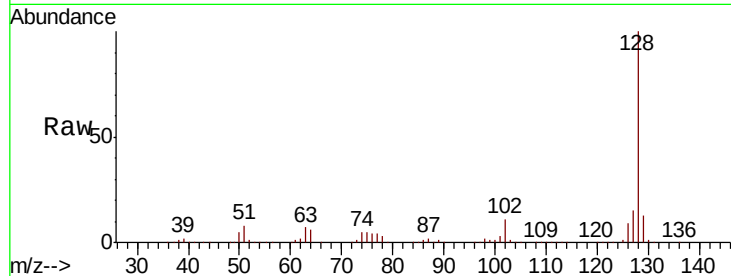
#31
Naphthalene
Concen: 51.336 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:128 Resp: 3190618
Ion Ratio Lower Upper
128 100
129 12.7 10.1 15.1
127 15.3 11.8 17.6

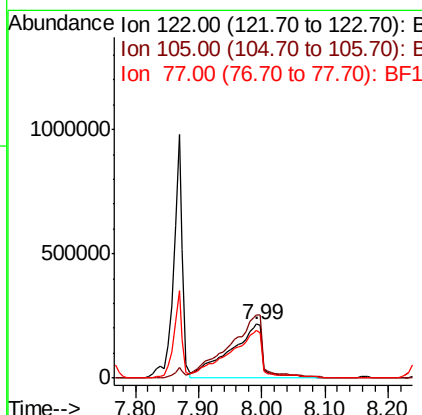
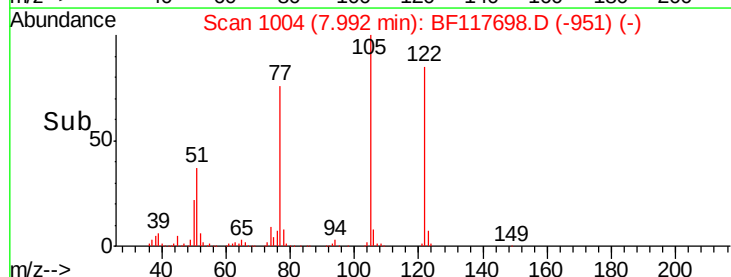
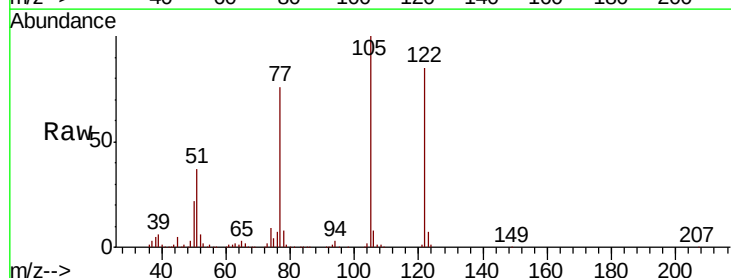
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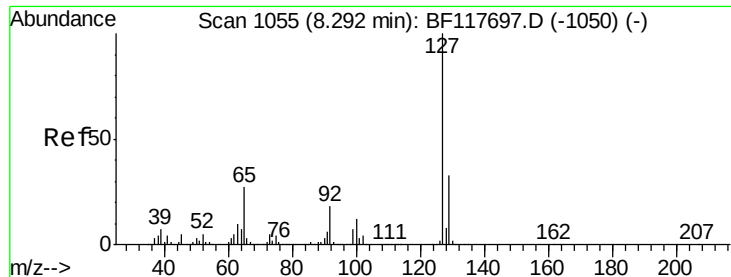
Sohil
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#32
Benzoic acid
Concen: 58.152 ng m
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:122 Resp: 824125
Ion Ratio Lower Upper
122 100
105 118.1 102.8 142.8
77 89.4 73.2 113.2





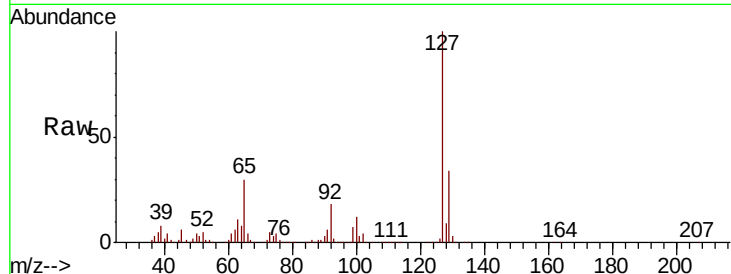
#33
4-Chloroaniline
Concen: 51.058 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

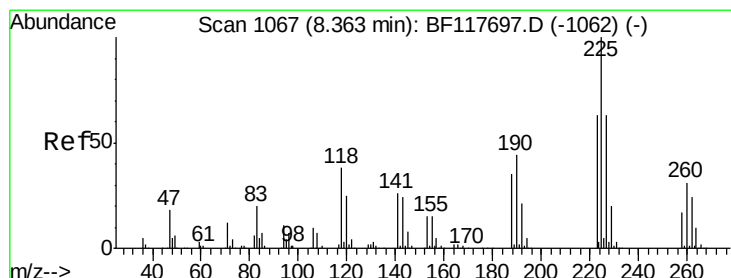
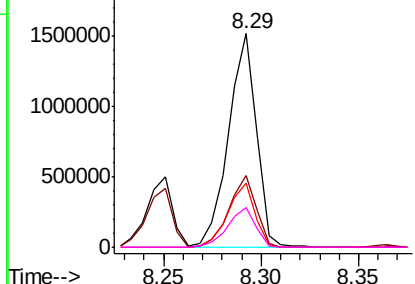
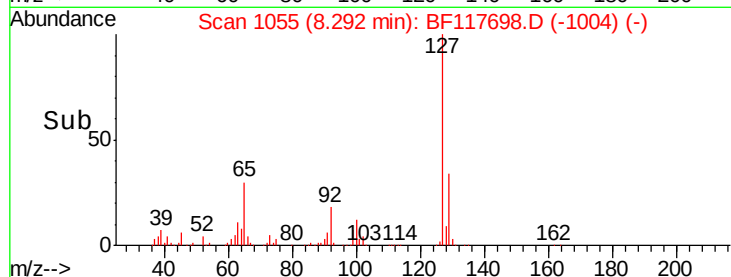
Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.5	26.6	39.8	
65	30.0	21.7	32.5	
92	18.4	14.1	21.1	

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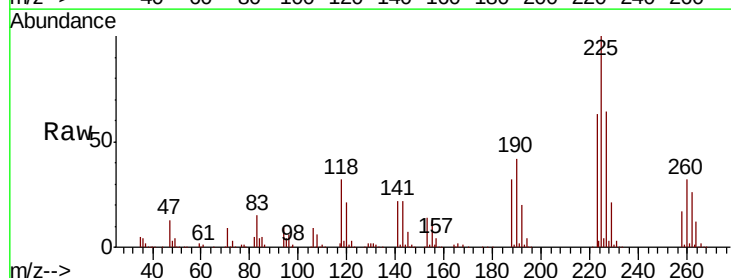


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

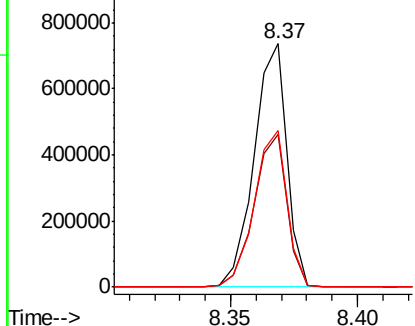
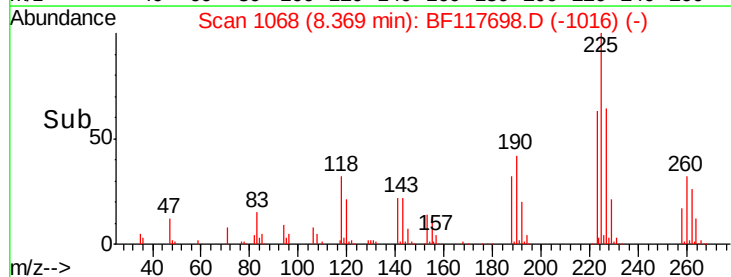


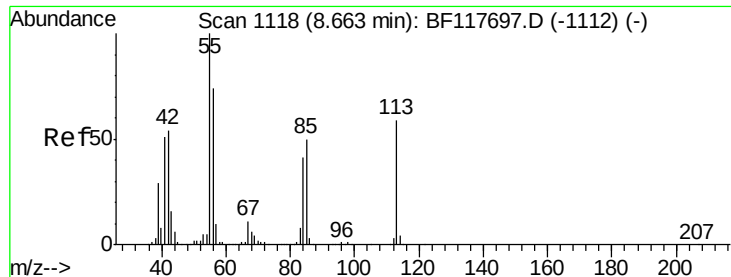
#34
Hexachlorobutadiene
Concen: 53.050 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	62.9	50.1	75.1	
227	64.5	50.2	75.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.763 ng/ml

RT: 8.67 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:113 Resp: 328589

Ion Ratio Lower Upper

113 100

55 163.5 150.5 190.5

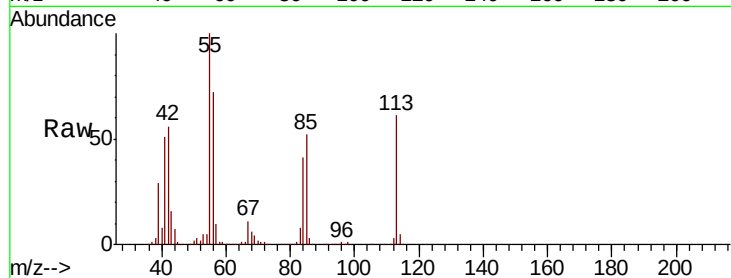
56 118.5 106.2 146.2

Manual Integrations

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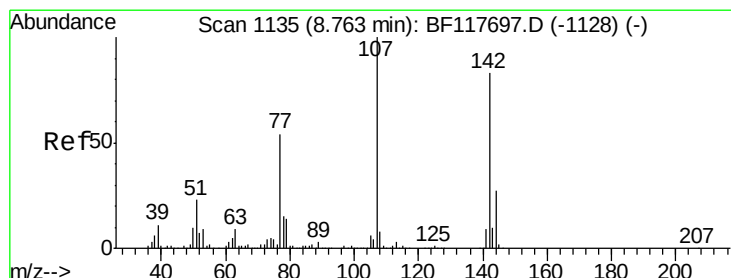
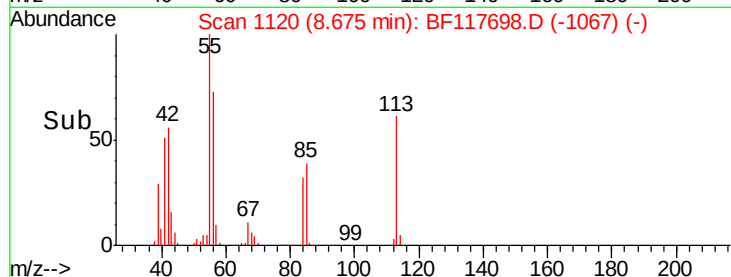
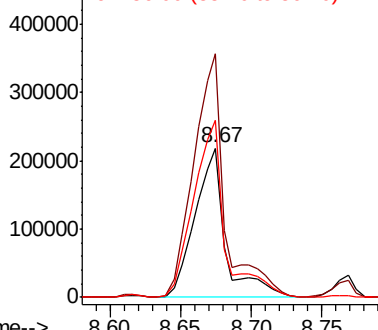


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 51.866 ng/ml

RT: 8.77 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

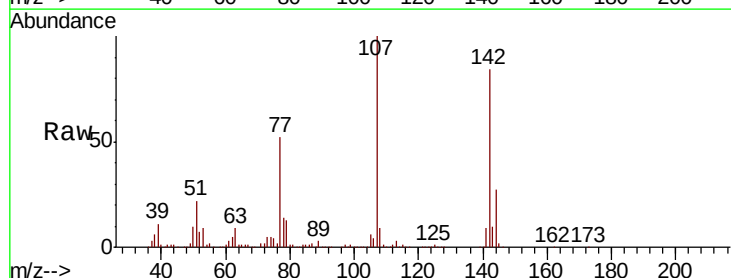
Tgt Ion:107 Resp: 1010696

Ion Ratio Lower Upper

107 100

144 27.5 21.5 32.3

142 84.2 66.7 100.1

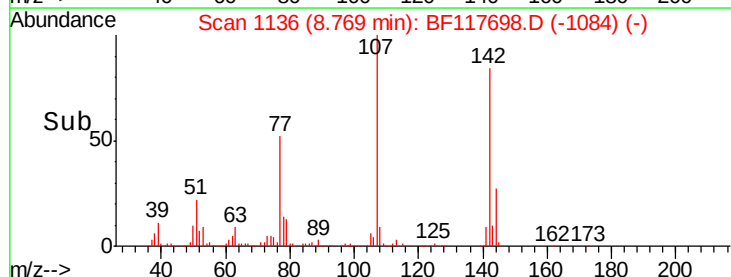
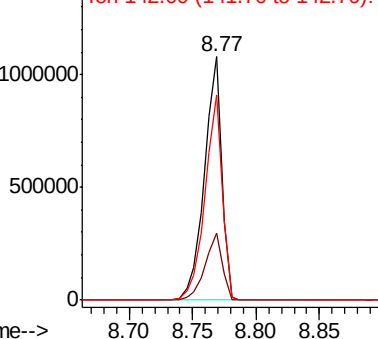


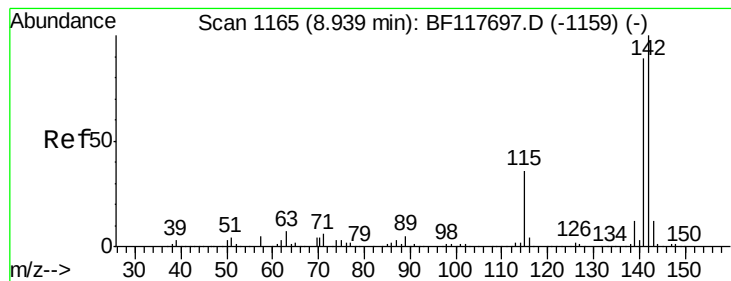
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





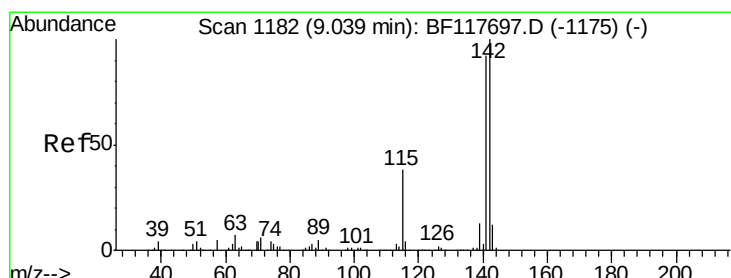
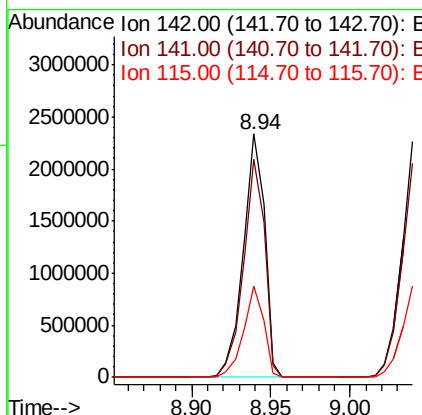
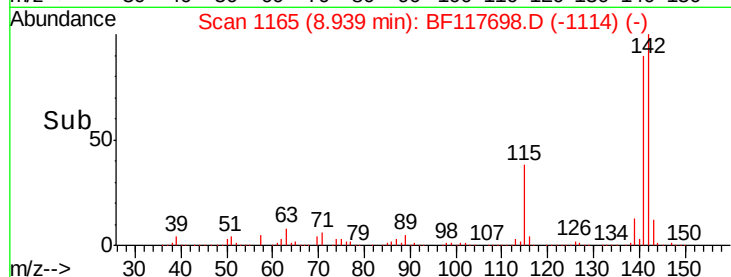
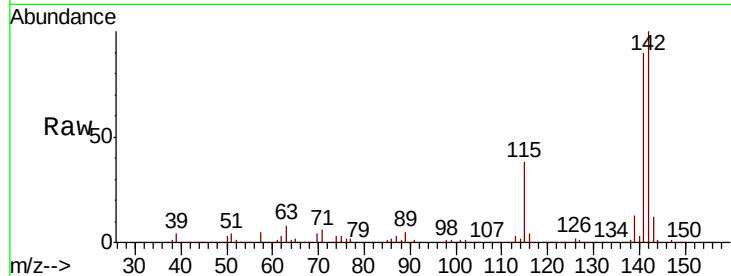
#37
2-Methylnaphthalene
Concen: 51.445 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.5	107.3
115	37.6	28.9	43.3

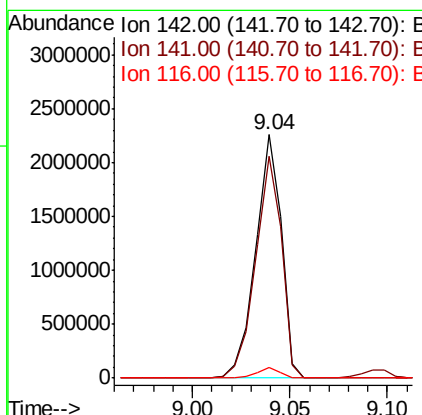
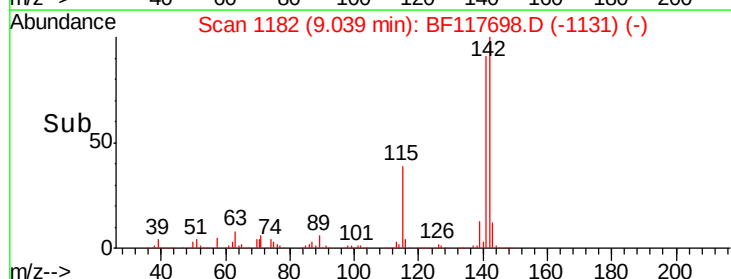
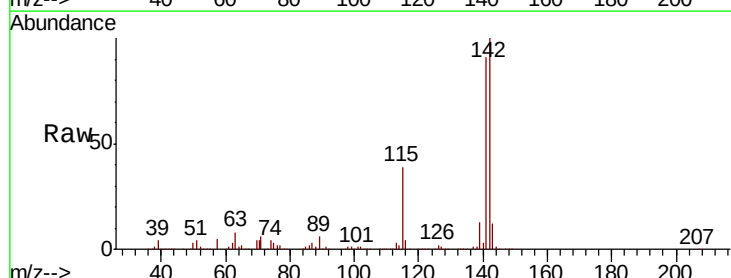
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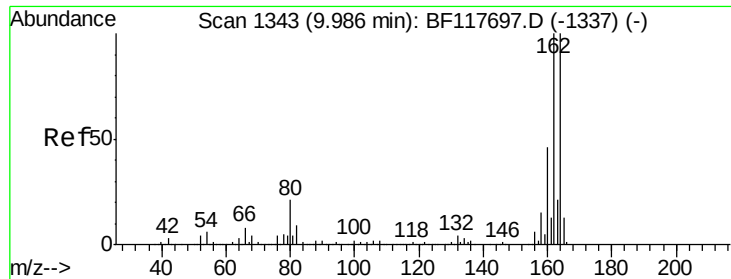
Sohil
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#38
1-Methylnaphthalene
Concen: 51.572 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.3	109.9
116	4.2	3.2	4.8





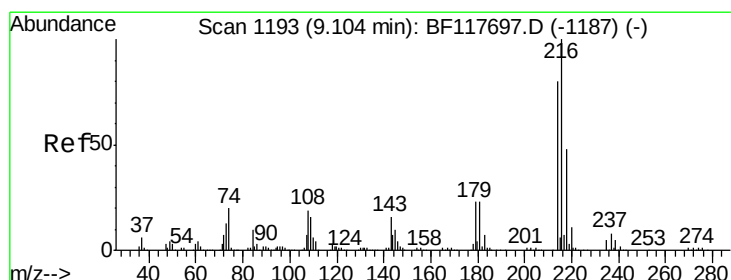
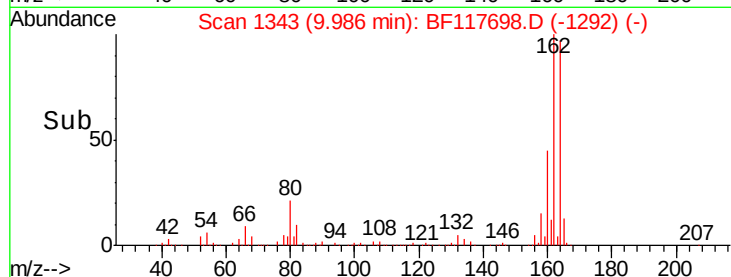
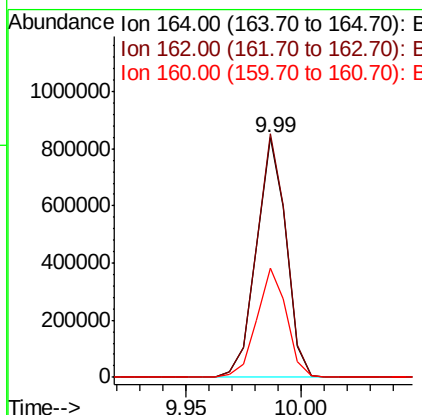
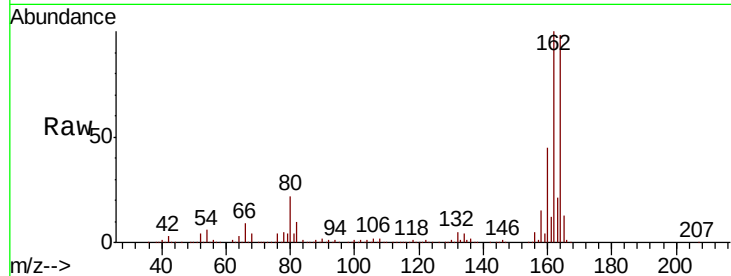
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampled :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.7	119.5
160	45.6	36.5	54.7

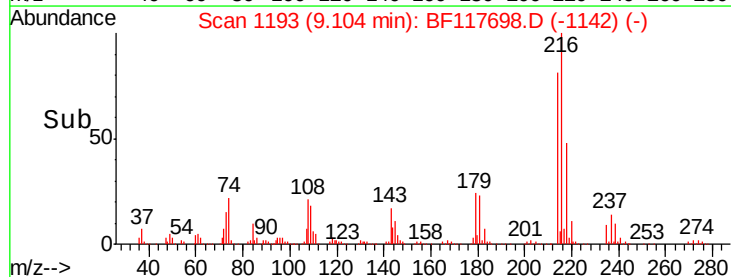
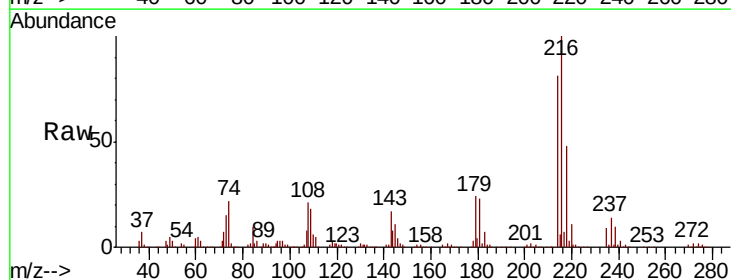
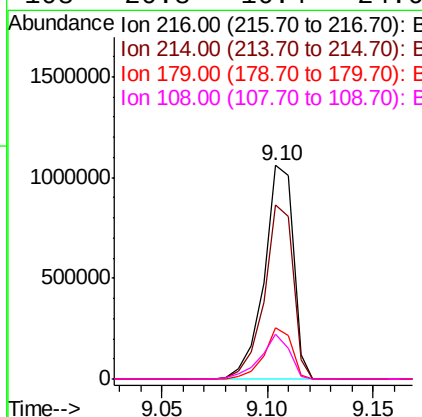
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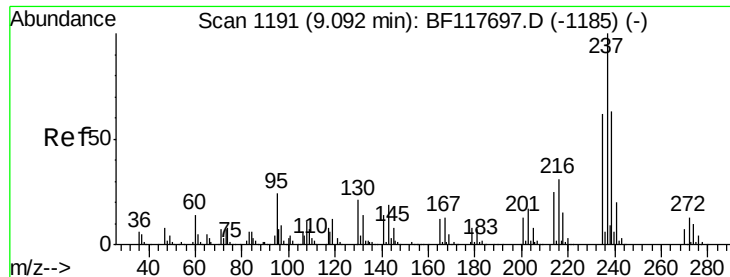
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.201 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.6	95.4
179	22.9	18.1	27.1
108	20.8	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 51.592 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

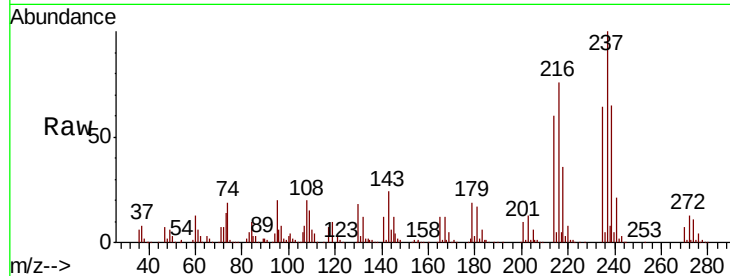
ClientSampleId :

SSTDIC050

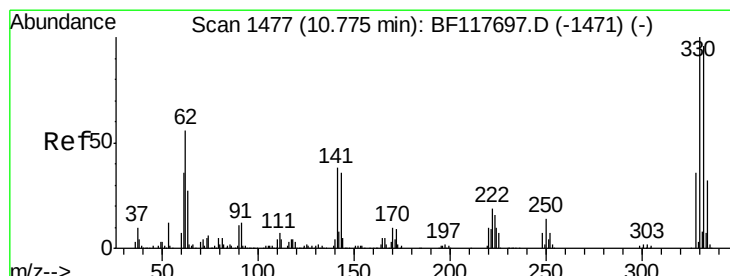
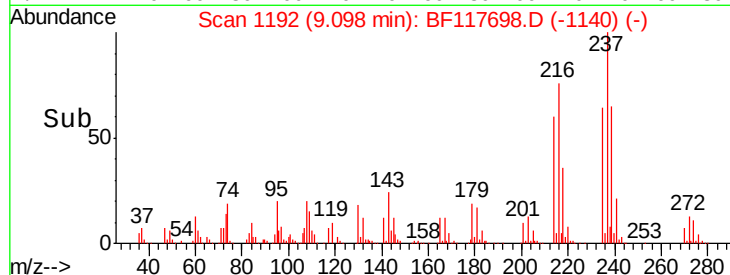
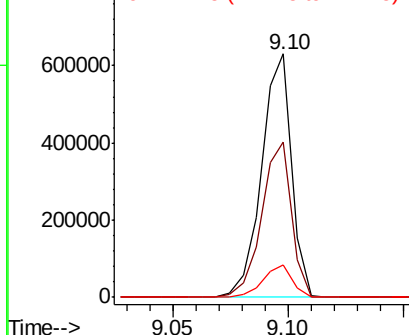
Tot Ion:	237	Resp:	568432
Ion Ratio	Lower	Upper	
237	100		
235	63.6	42.2	82.2
272	13.1	0.0	32.8

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 98.495 ng

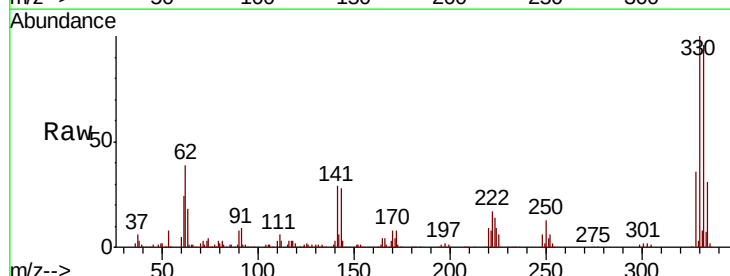
RT: 10.78 min Scan# 1478

Delta R.T. 0.01 min

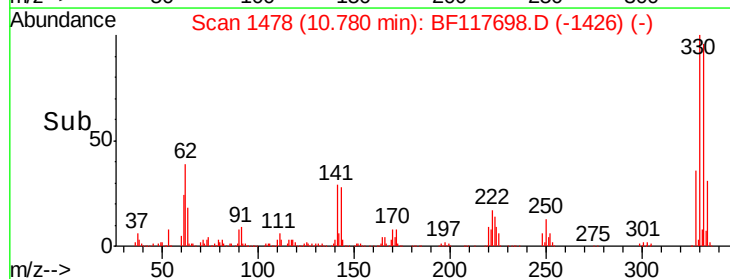
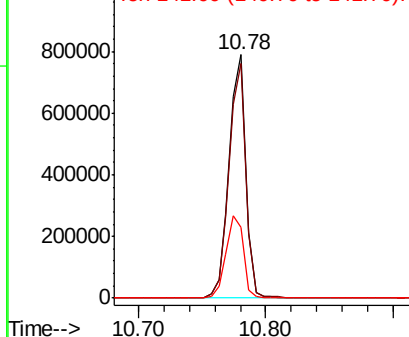
Lab File: BF117698.D

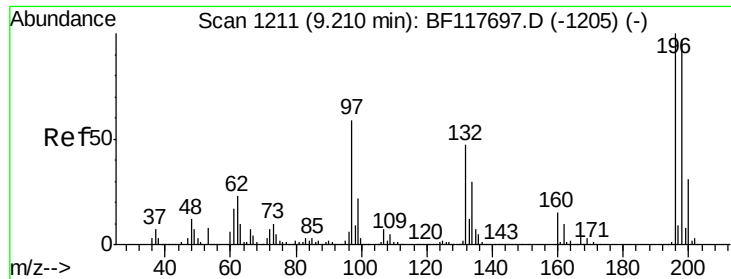
Acq: 6 Nov 2019 13:54

Tgt Ion:	330	Resp:	722962
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.0
141	35.5	28.0	42.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





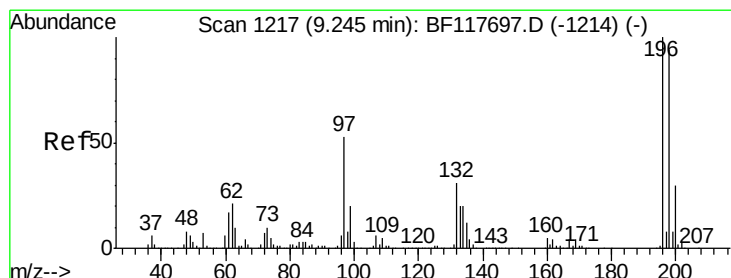
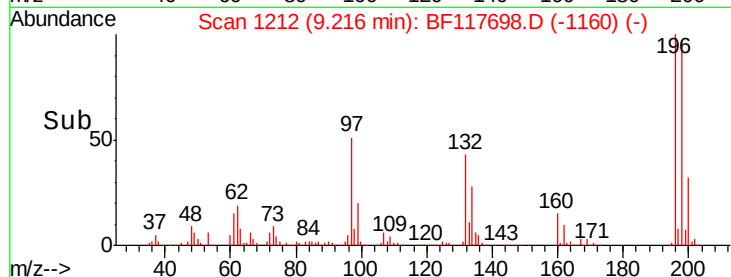
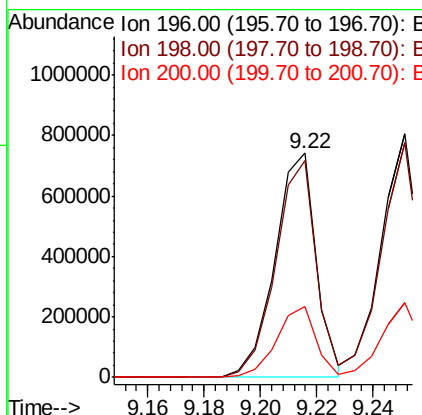
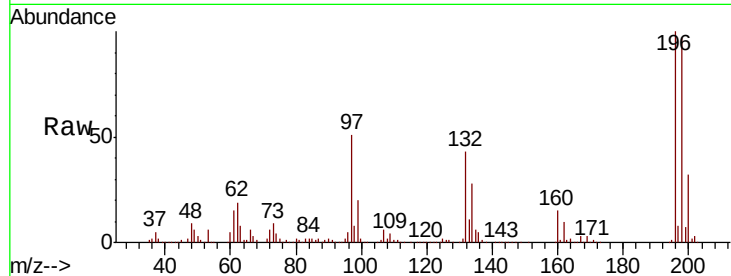
#43
 2,4,6-Trichlorophenol
 Concen: 54.312 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	747923		
198	96.9	77.8	116.6	
200	31.8	25.0	37.6	

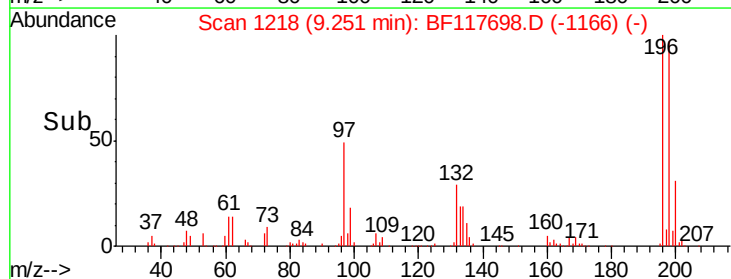
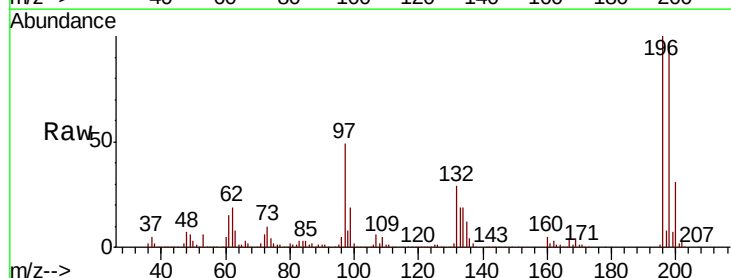
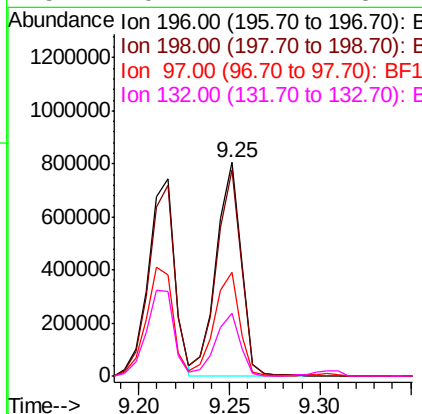
Manual Integrations
 APPROVED

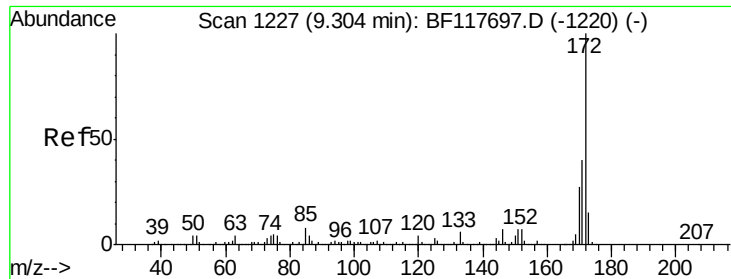
Sohil
 11/8/2019 3:30:31 PM



#44
 2,4,5-Trichlorophenol
 Concen: 55.450 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	768154		
198	96.5	75.4	113.0	
97	48.8	42.5	63.7	
132	29.2	24.7	37.1	





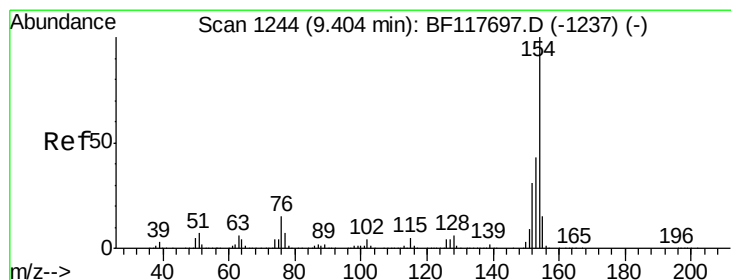
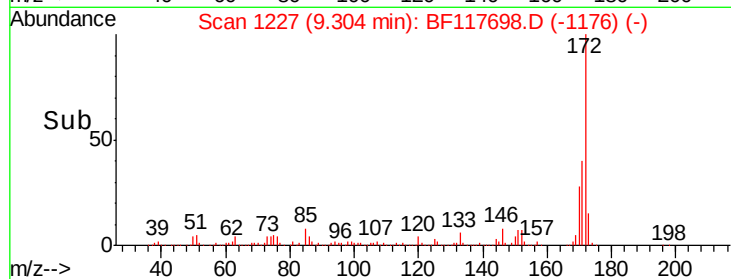
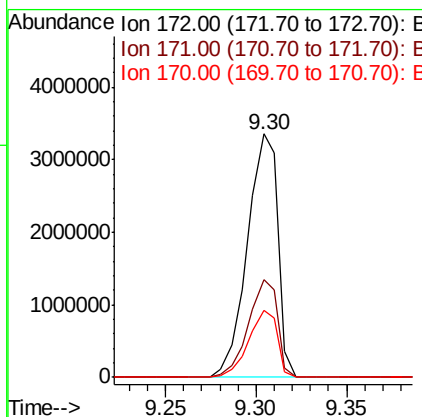
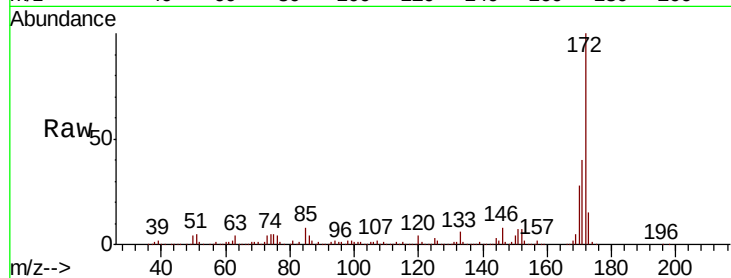
#45
2-Fluorobiphenyl
Concen: 99.784 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.9	31.8	47.8
170	27.6	21.6	32.4

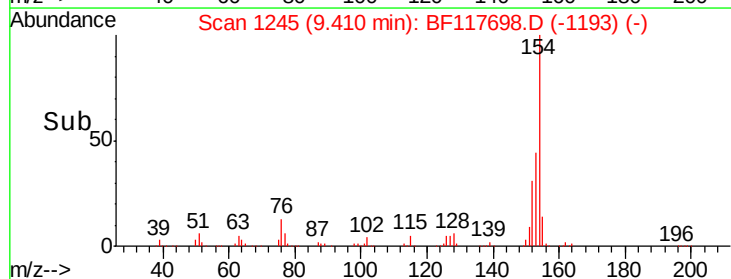
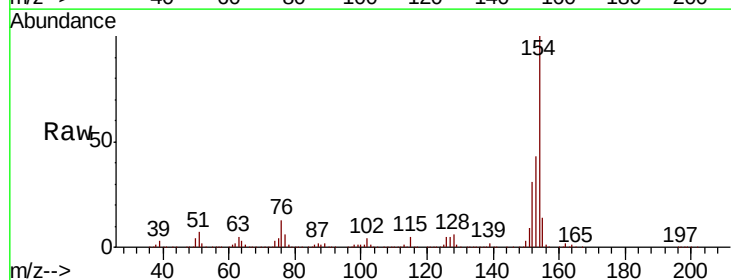
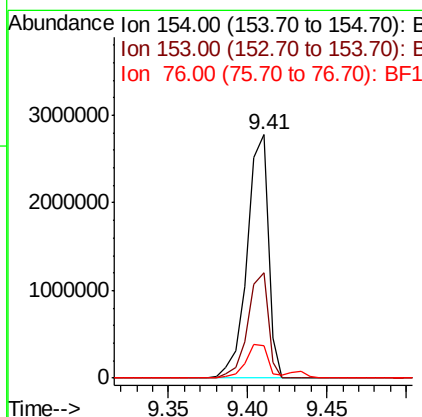
Manual Integrations
APPROVED

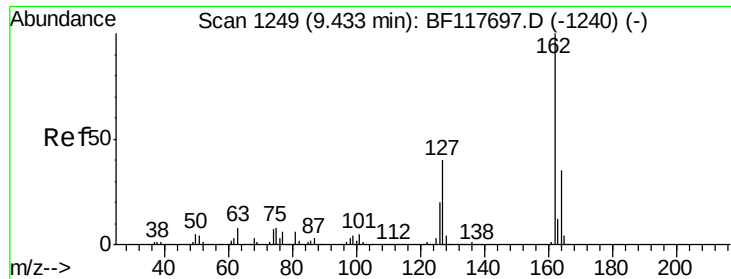
Sohil
11/8/2019 3:30:31 PM



#46
1,1'-Biphenyl
Concen: 49.060 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	23.2	63.2
76	13.2	0.0	34.7





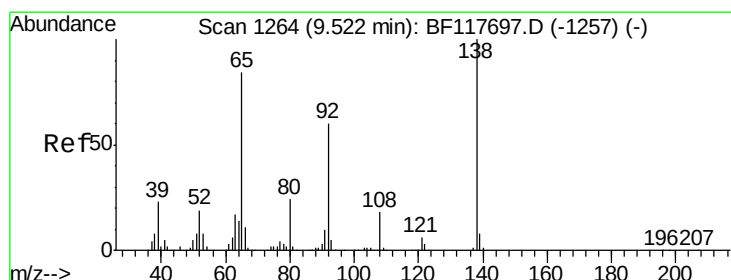
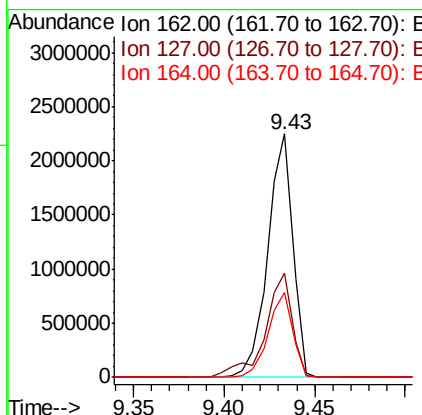
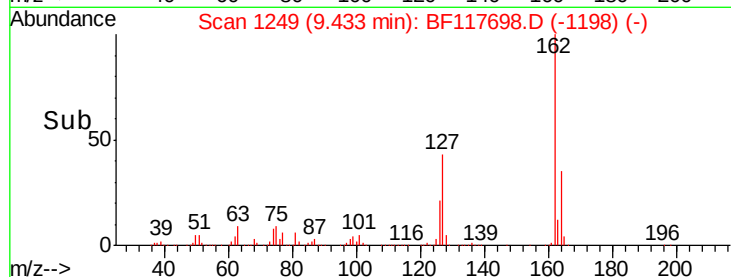
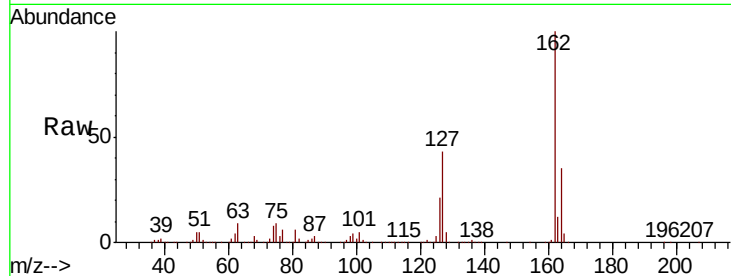
#47
 2-Chloronaphthalene
 Concen: 51.694 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	32.2	48.4
164	34.8	28.1	42.1

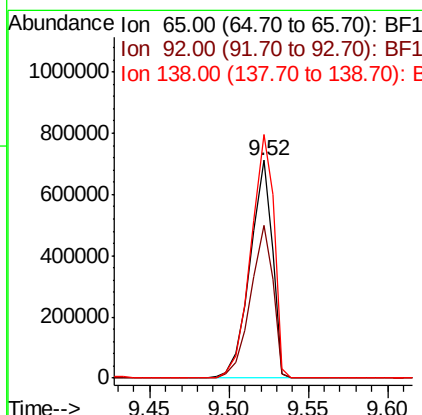
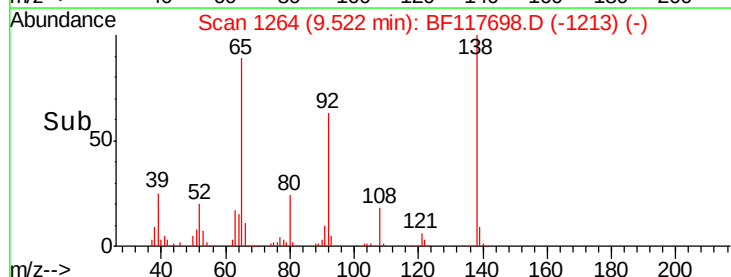
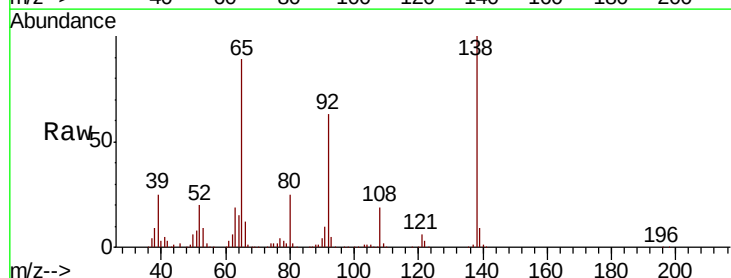
Manual Integrations
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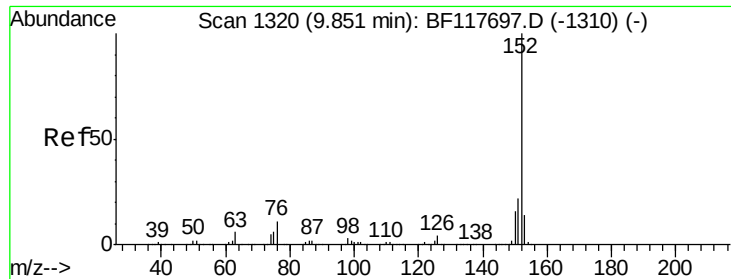
Sohil
 11/8/2019 3:30:31 PM



#48
 2-Nitroaniline
 Concen: 55.378 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	57.3	85.9
138	111.9	95.0	142.6





#49

Acenaphthylene

Concen: 51.112 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:152 Resp: 3136578

Ion Ratio Lower Upper

152 100

151 23.0 17.8 26.6

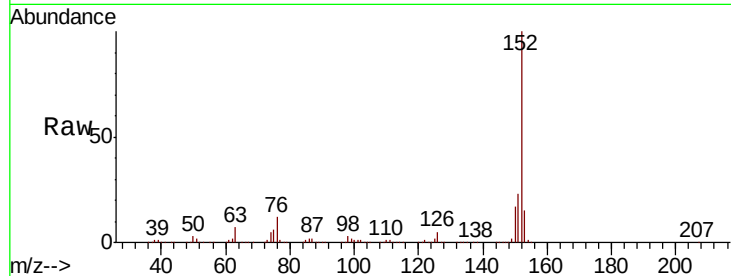
153 15.1 11.5 17.3

Manual Integrations

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Sohil

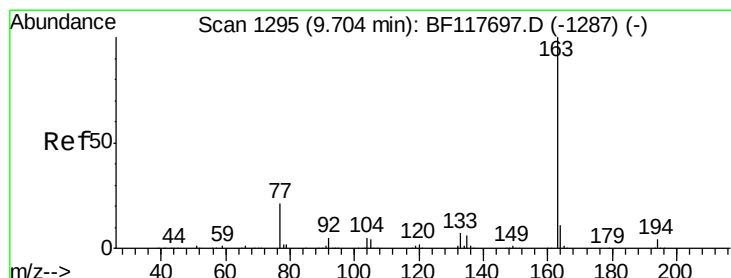
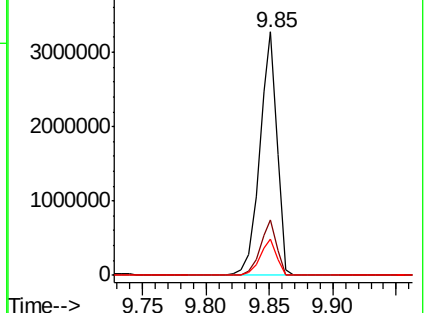
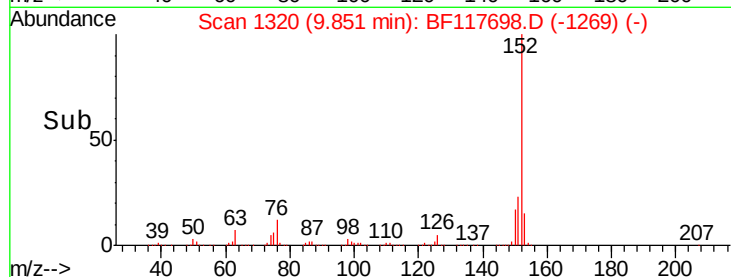
11/8/2019 3:30:31 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.792 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

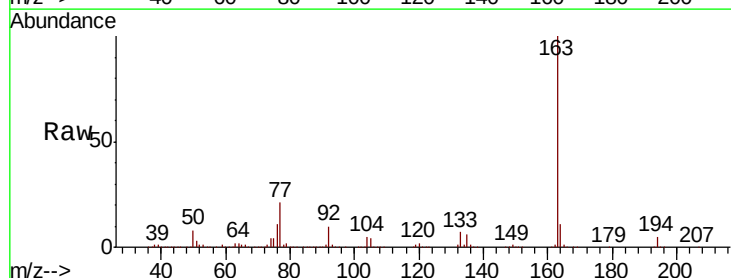
Tgt Ion:163 Resp: 2478197

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

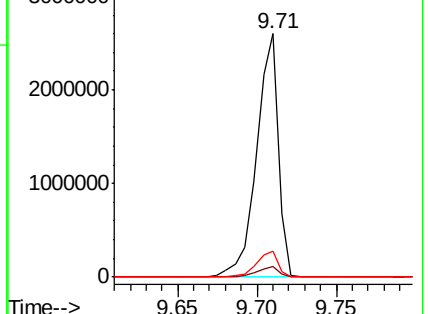
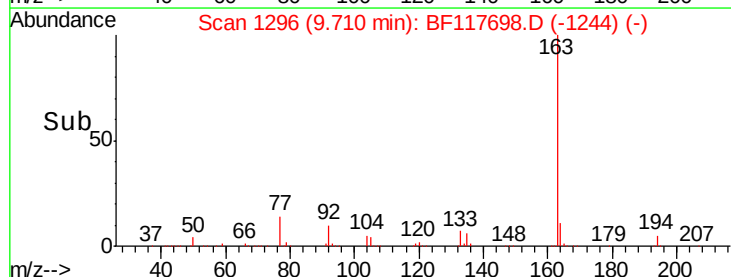
164 10.8 8.9 13.3

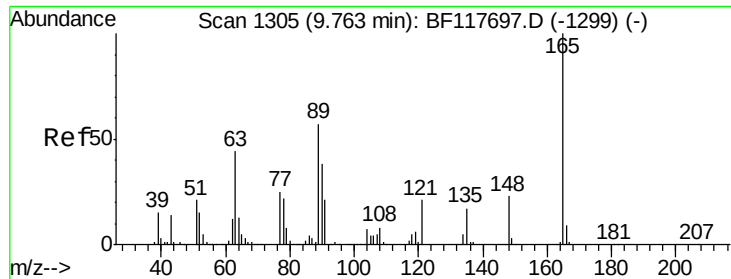


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





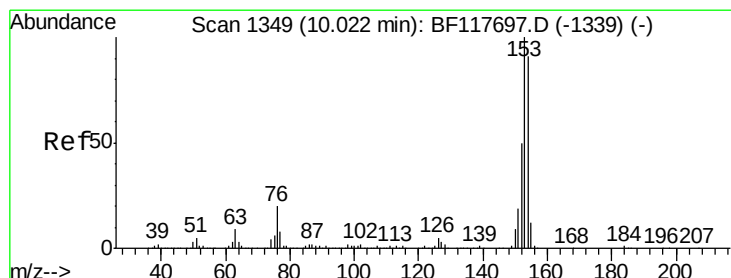
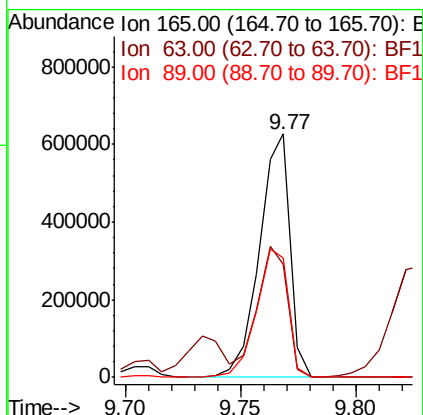
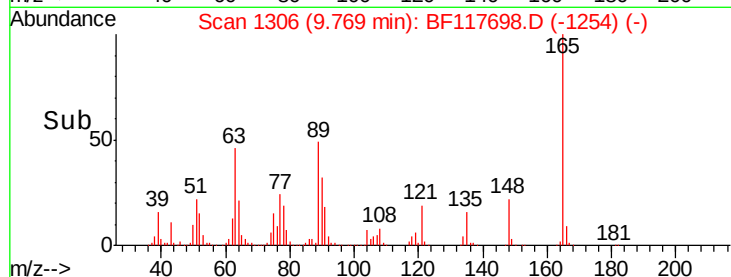
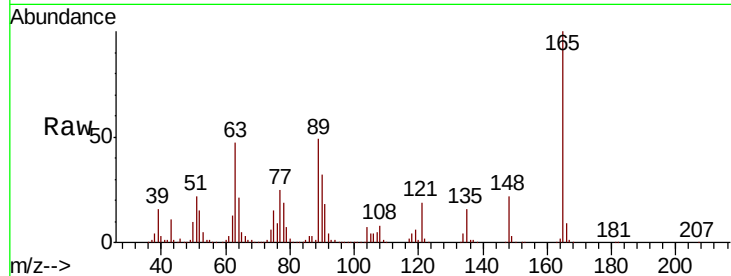
#51
 2,6-Dinitrotoluene
 Concen: 55.515 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.5	45.6	68.4
89	49.2	45.8	68.6

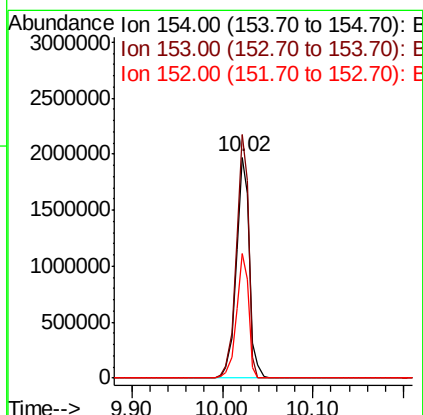
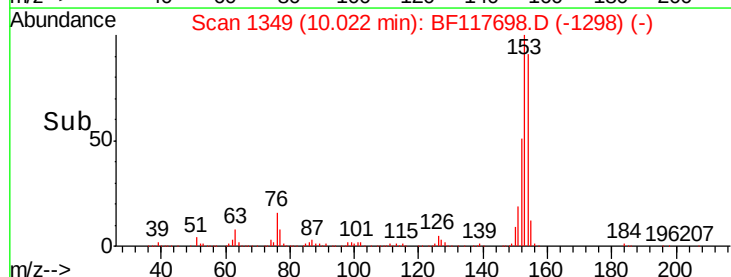
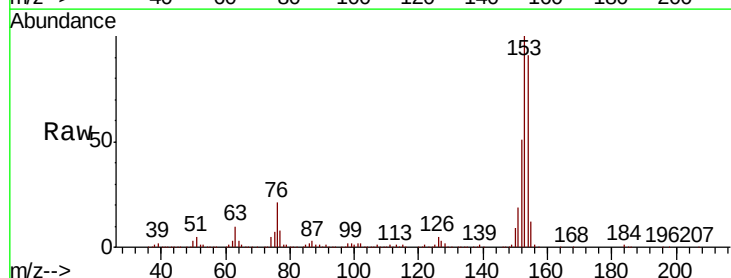
Manual Integrations
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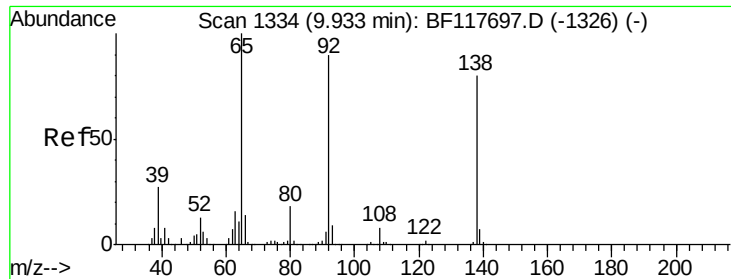
Sohil
 11/8/2019 3:30:31 PM



#52
 Acenaphthene
 Concen: 51.972 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.1	87.8	131.6
152	56.3	43.5	65.3





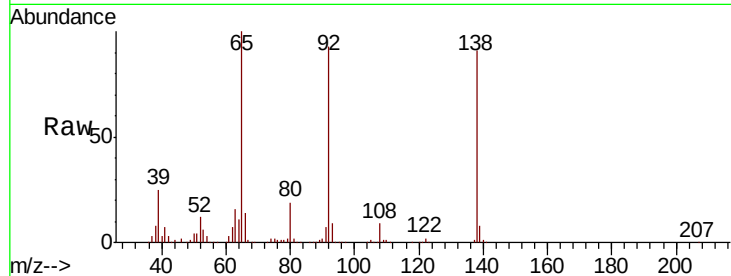
#53
3-Nitroaniline
Concen: 55.002 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.5	12.7
92	101.5	89.8	134.8

Manual Integrations
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11/8/2019 3:30:31 PM

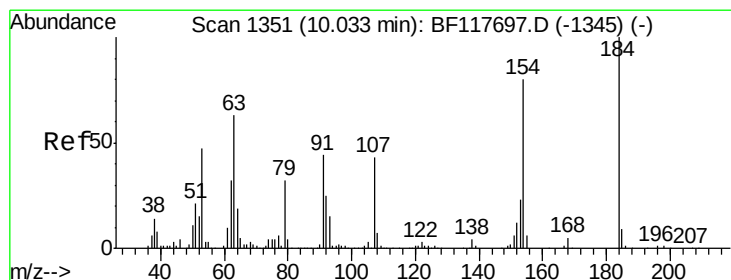
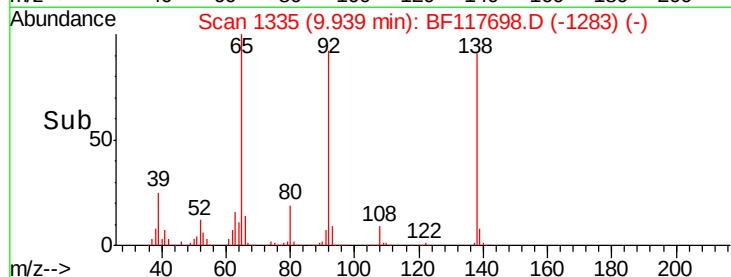
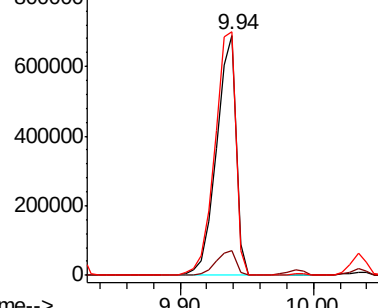


Abundance

Ion 138.00 (137.70 to 138.70): E

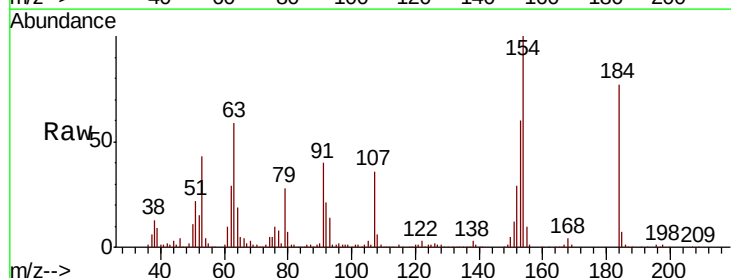
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 60.853 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.3	51.4	77.0#
154	130.4	70.2	105.2#

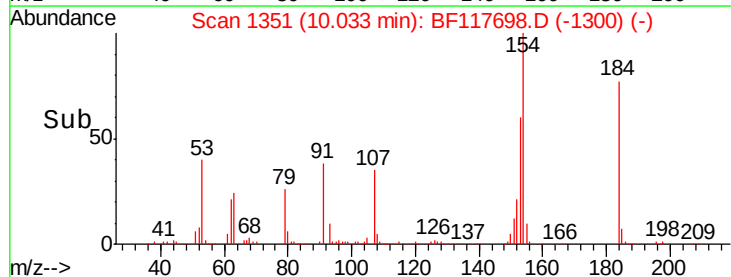
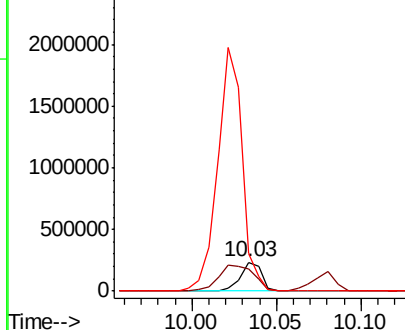


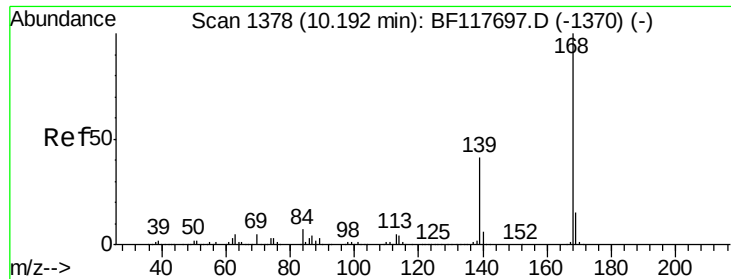
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





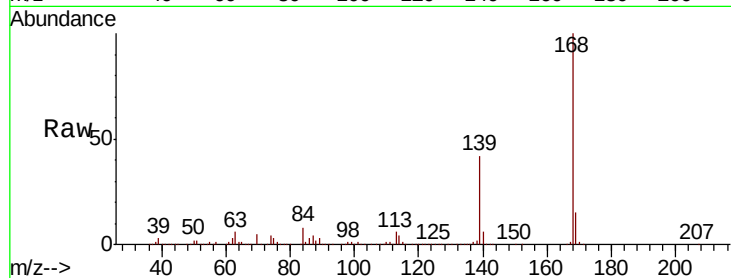
#55
Dibenzofuran
Concen: 51.949 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	33.2	49.8
169	14.9	11.7	17.5

Manual Integrations
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11/8/2019 3:30:31 PM

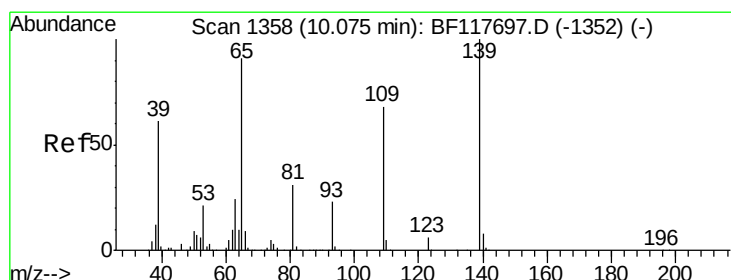
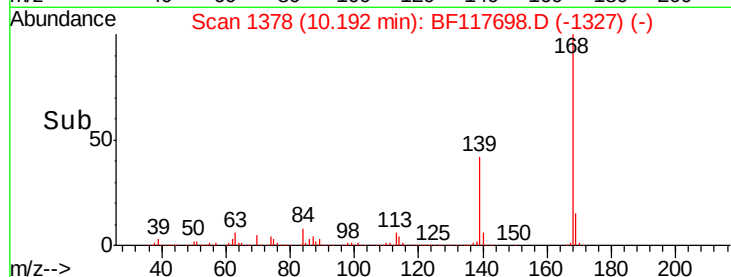
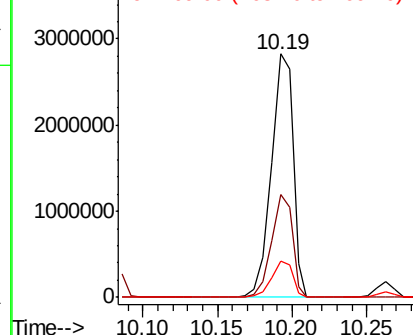


Abundance

Ion 168.00 (167.70 to 168.70): E

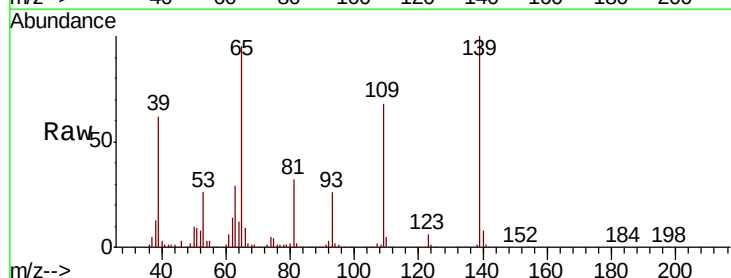
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 55.177 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.4	47.7	87.7
65	94.8	71.9	111.9

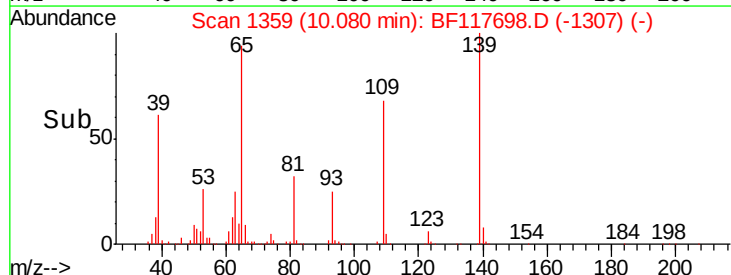
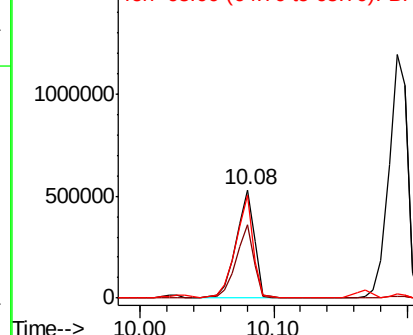


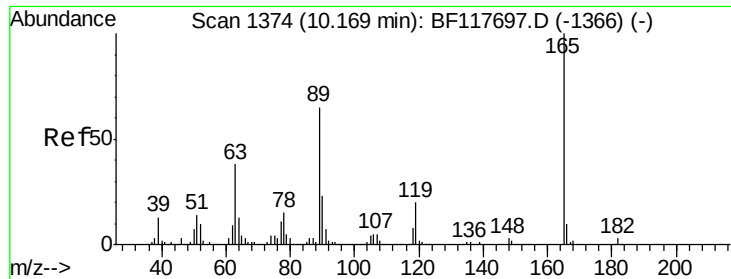
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





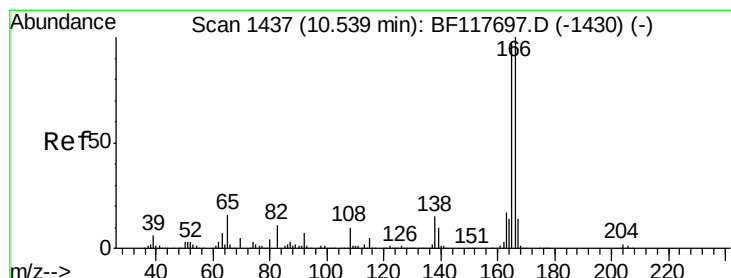
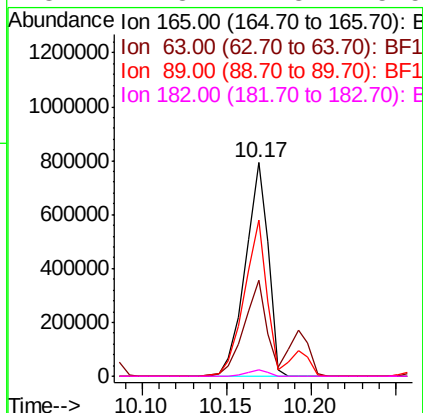
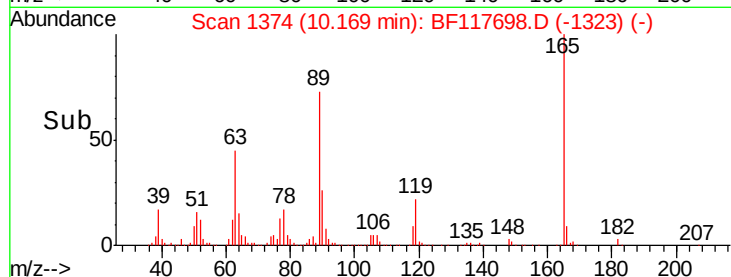
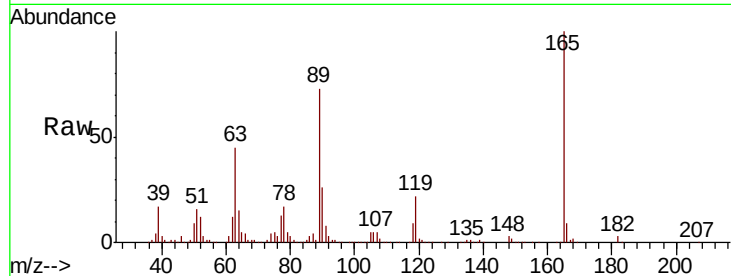
#57
2,4-Dinitrotoluene
Concen: 57.272 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.7	30.4	45.6
89	72.8	52.2	78.4
182	2.8	2.3	3.5

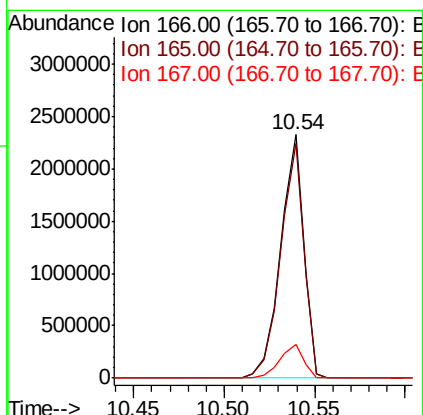
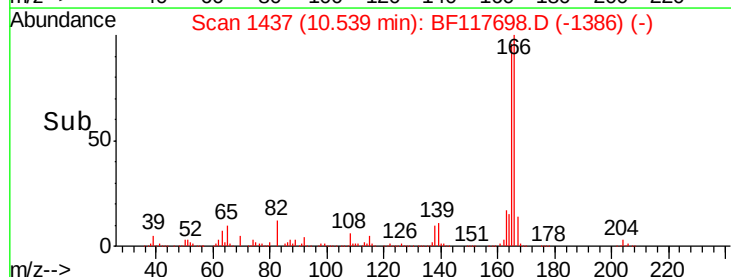
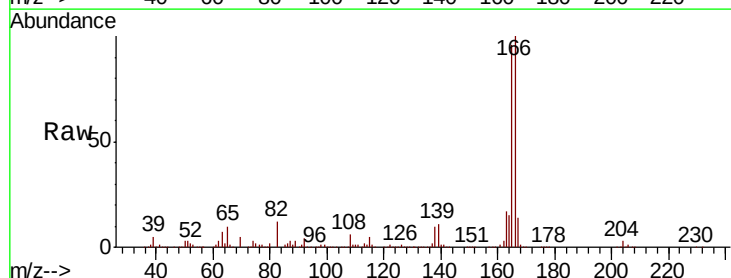
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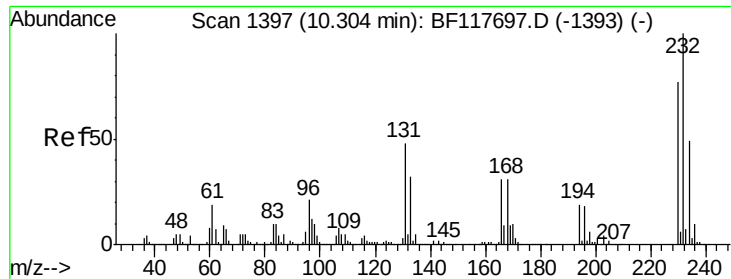
Sohil
11/8/2019 3:30:31 PM



#58
Fluorene
Concen: 51.175 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.4	116.0
167	13.7	11.0	16.4





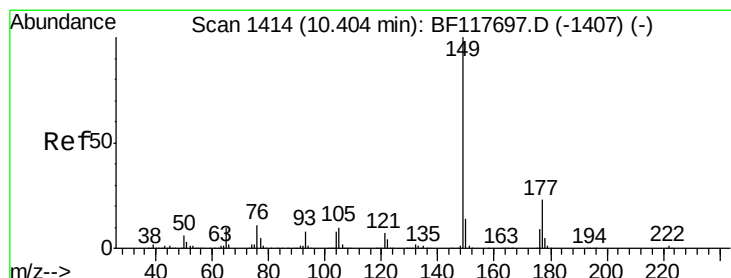
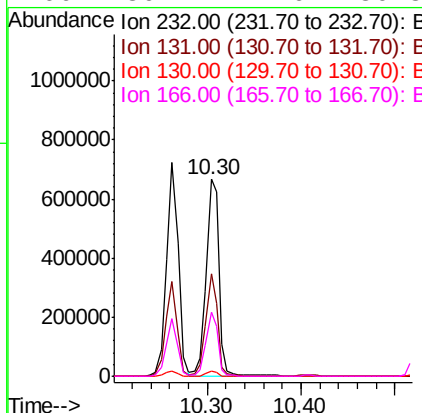
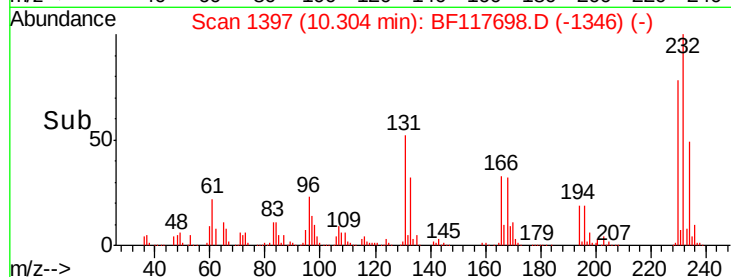
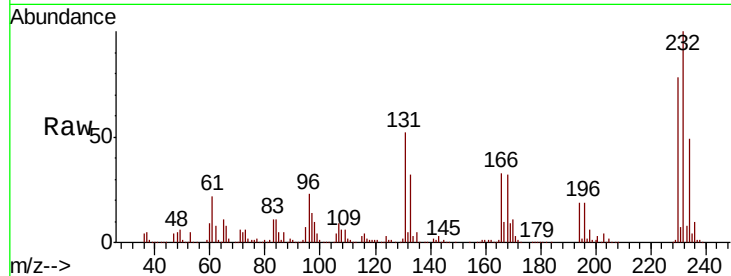
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.431 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion:	232	Resp:	640264
Ion Ratio	Lower	Upper	
232	100		
131	47.3	37.8	56.8
130	2.3	1.9	2.9
166	30.4	24.6	36.8

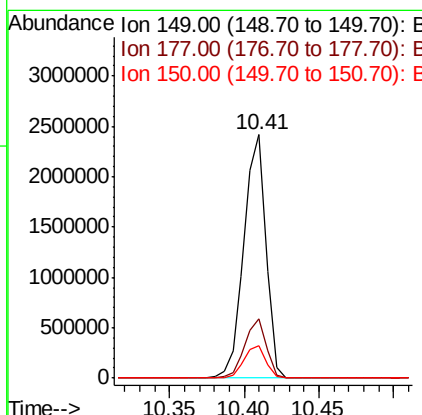
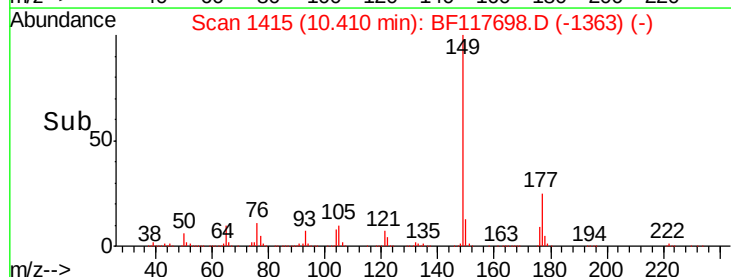
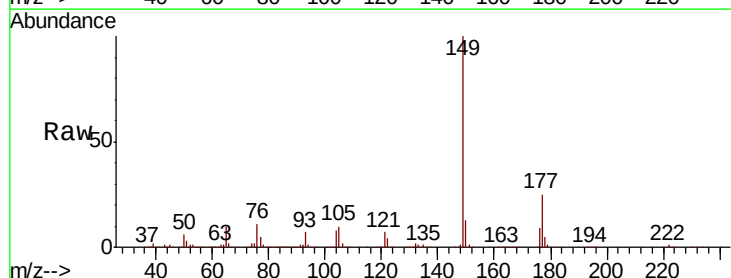
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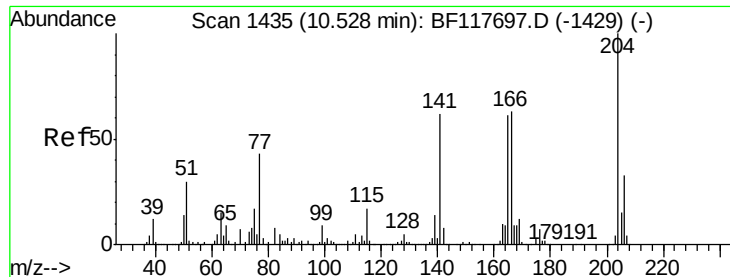
Sohil
 11/8/2019 3:30:31 PM



#60
 Diethylphthalate
 Concen: 52.786 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Tgt Ion:	149	Resp:	2478011
Ion Ratio	Lower	Upper	
149	100		
177	24.5	18.8	28.2
150	13.5	10.8	16.2





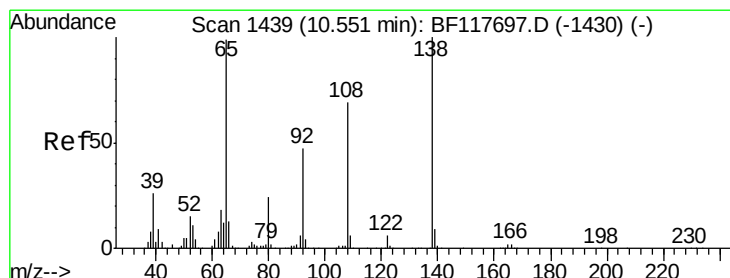
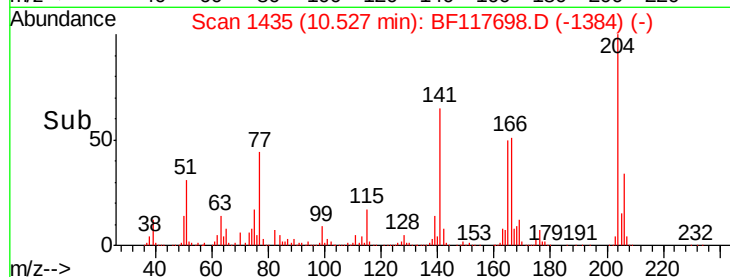
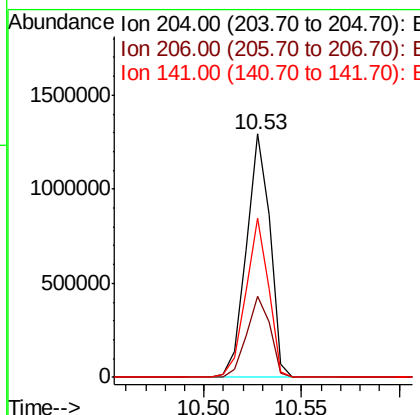
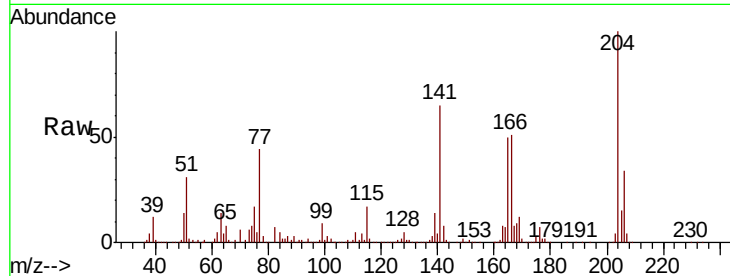
#61
4-Chlorophenyl-phenylether
Concen: 51.729 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:204 Resp: 1080976
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.4
141 65.2 49.7 74.5

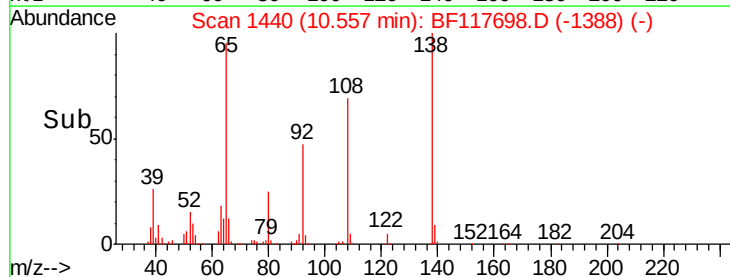
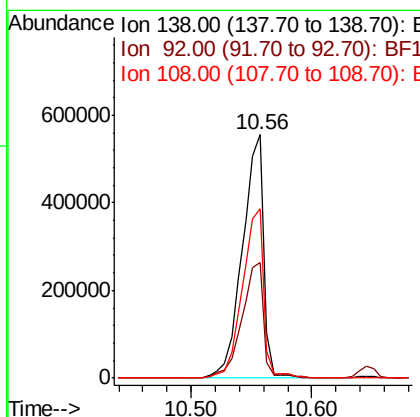
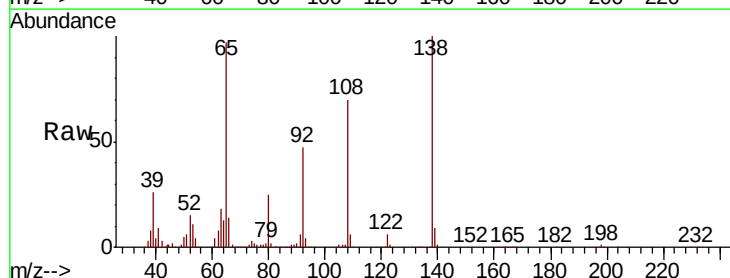
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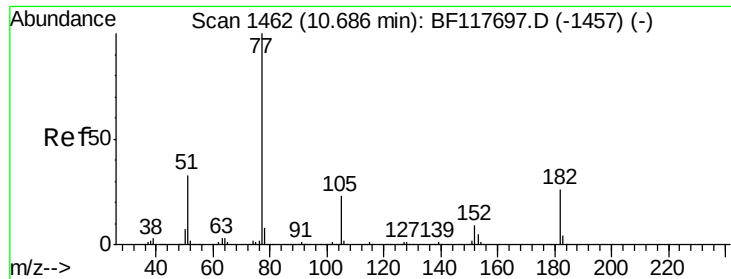
Sohil
11/8/2019 3:30:31 PM



#62
4-Nitroaniline
Concen: 55.624 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:138 Resp: 686384
Ion Ratio Lower Upper
138 100
92 47.4 26.9 66.9
108 69.6 49.1 89.1





#63

Azobenzene

Concen: 51.676 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 2329821

Ion Ratio Lower Upper

77 100

182 30.4 6.0 46.0

105 24.1 2.8 42.8

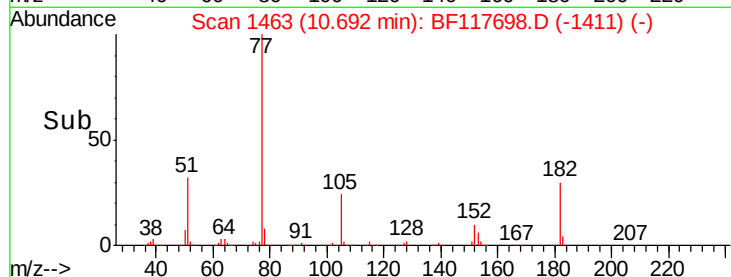
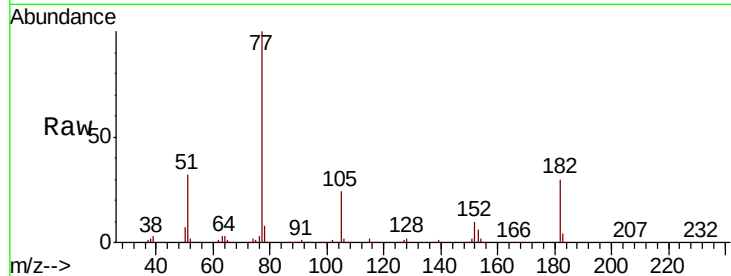
51 32.2 13.0 53.0

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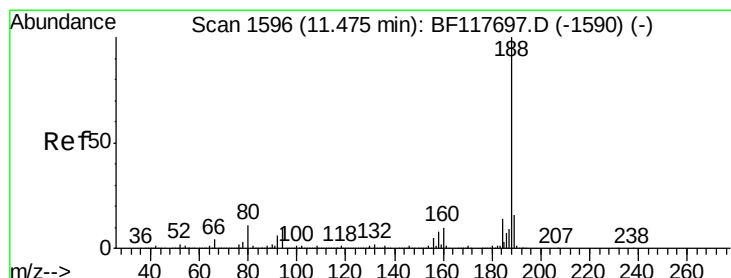
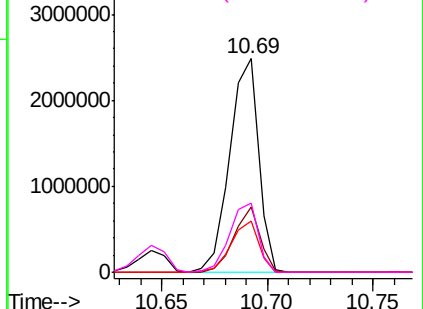


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

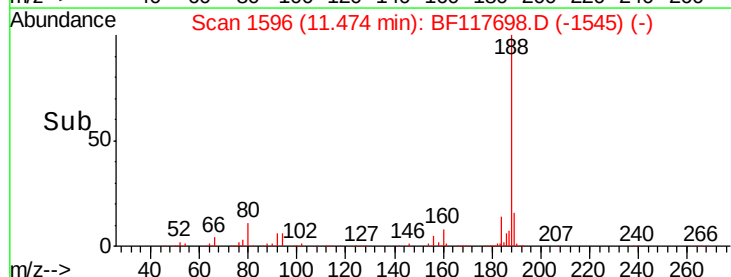
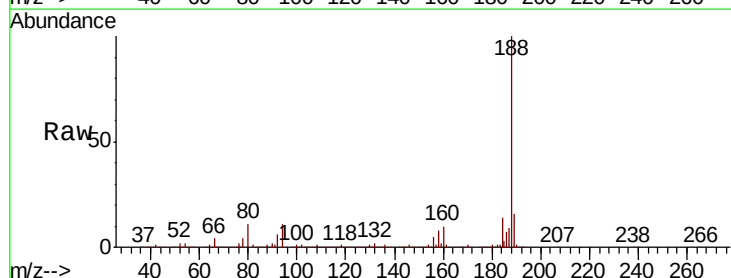
Tgt Ion: 188 Resp: 1347008

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.4

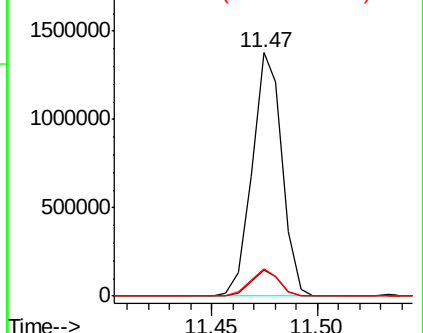
80 11.3 8.6 13.0

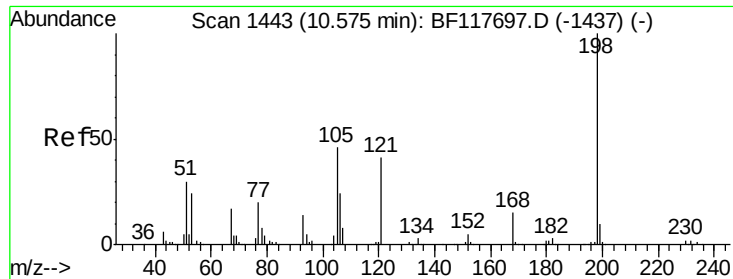


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





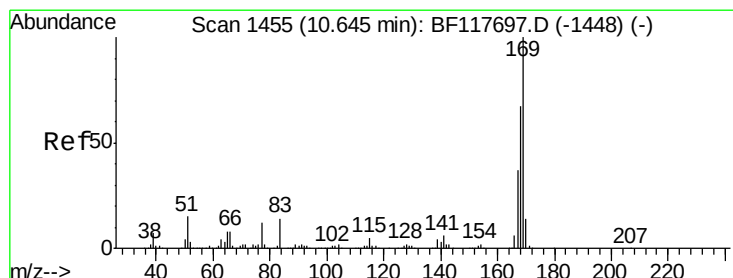
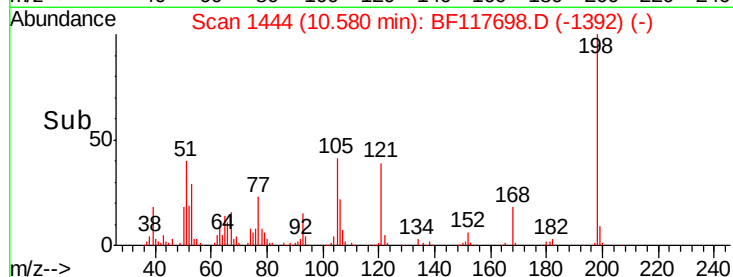
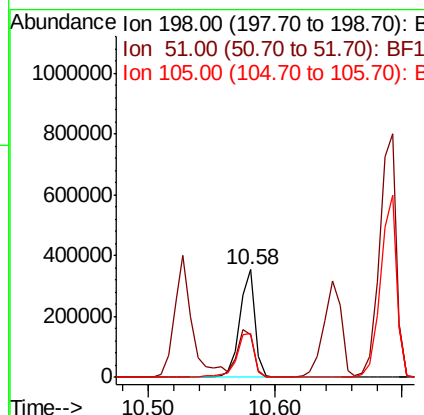
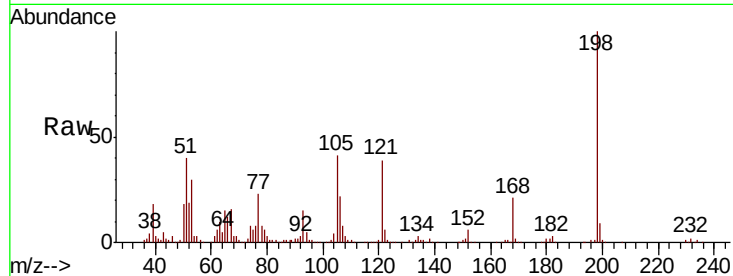
#65
 4,6-Dinitro-2-methylphenol
 Concen: 59.869 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
198	100	290403		
51	39.9	28.1	68.1	
105	40.9	27.3	67.3	

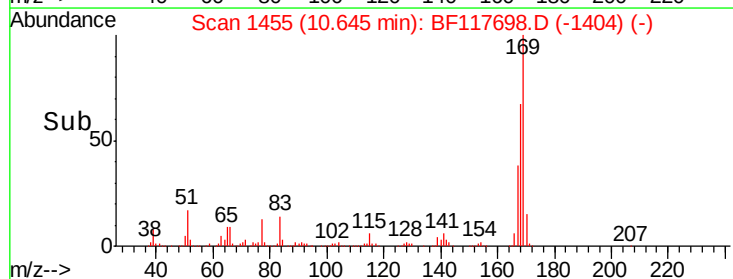
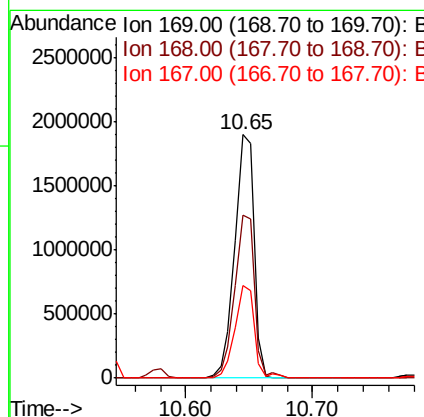
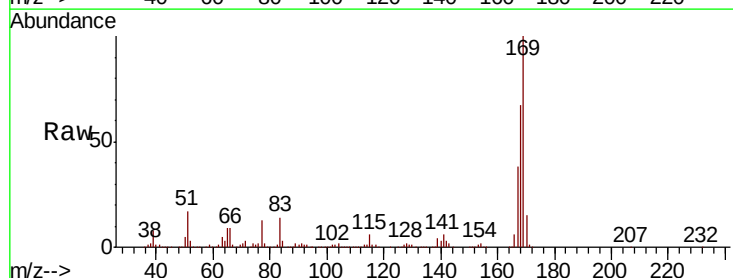
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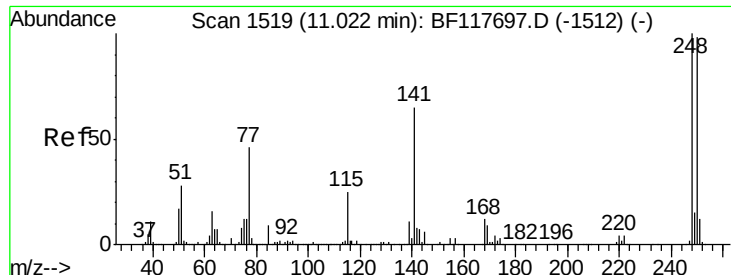
Sohil
 11/8/2019 3:30:31 PM



#66
 n-Nitrosodiphenylamine
 Concen: 50.770 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1983859		
168	67.0	53.8	80.8	
167	37.9	29.9	44.9	





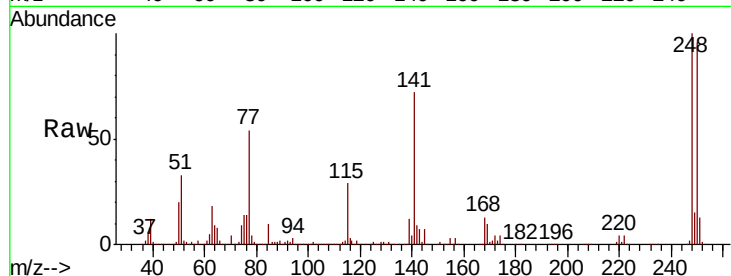
#67
4-Bromophenyl-phenylether
Concen: 51.441 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.7	118.1
141	71.7	51.8	77.8

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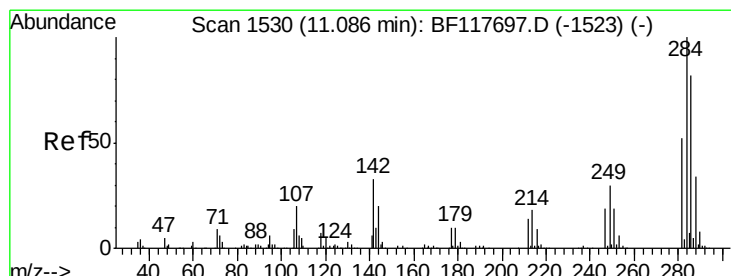
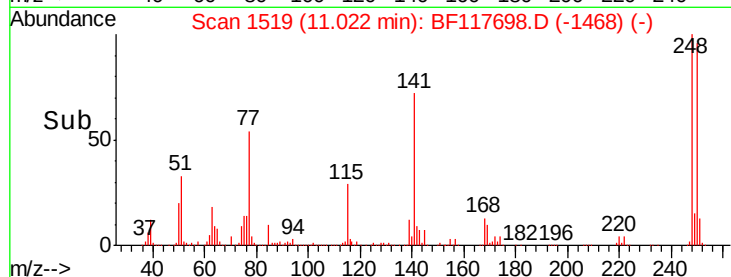
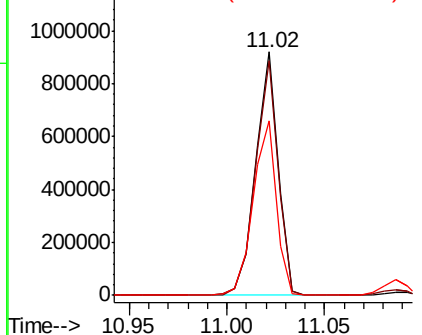


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 51.254 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

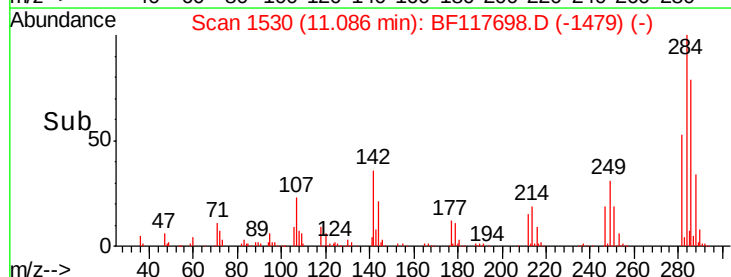
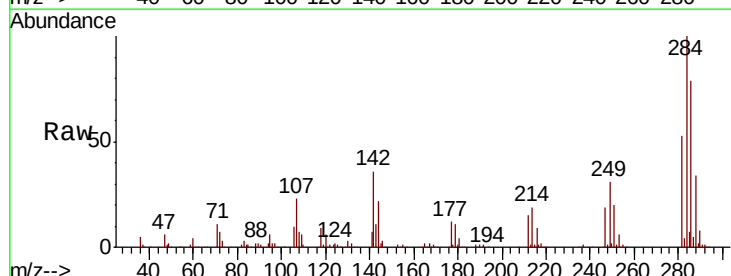
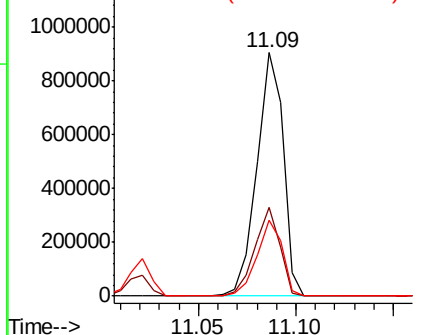
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	26.6	39.8
249	31.3	24.4	36.6

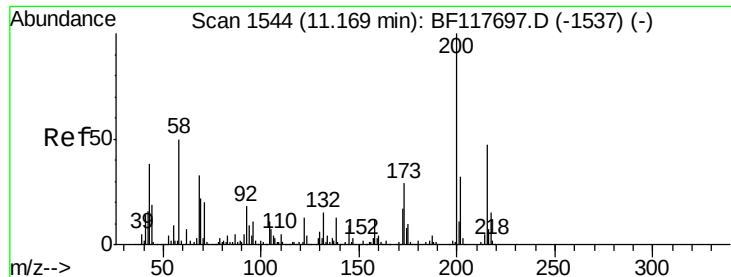
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





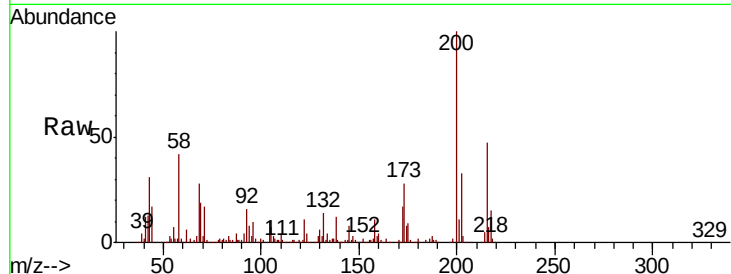
#69
Atrazine
Concen: 80.673 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.5	48.5
215	47.3	27.4	67.4

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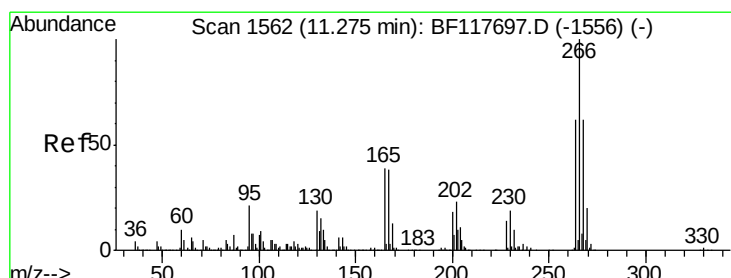
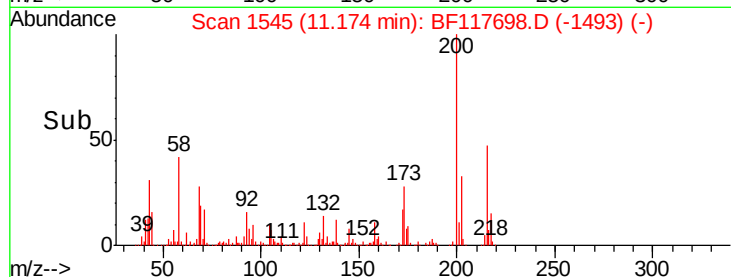
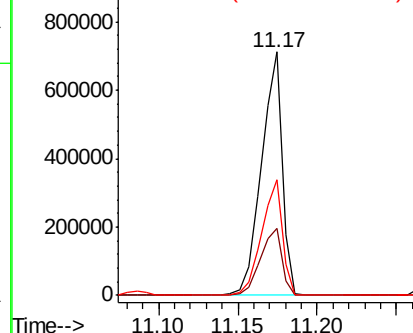


Abundance

Ion 200.00 (199.70 to 200.70): E

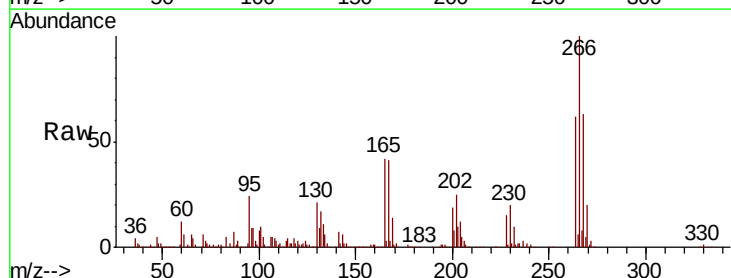
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 59.367 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.8	74.6
264	61.7	49.7	74.5

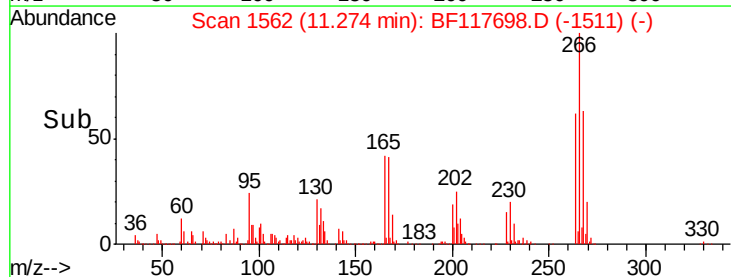
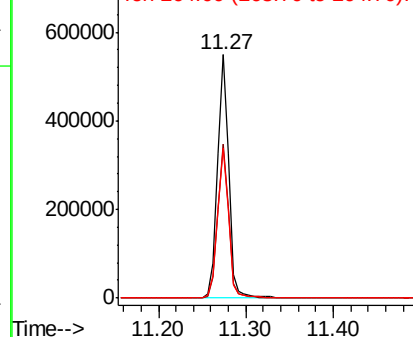


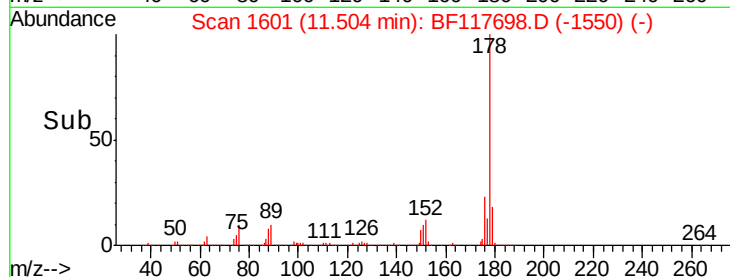
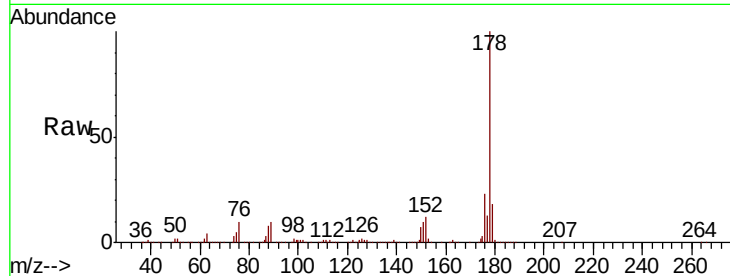
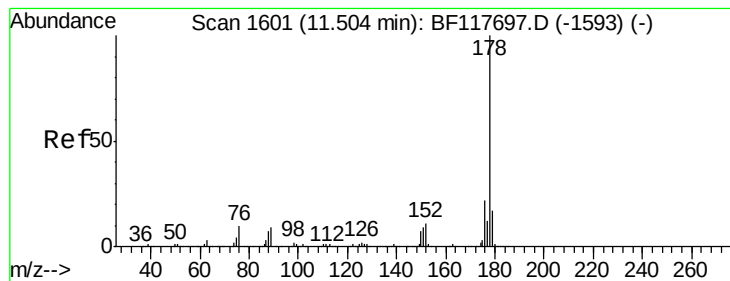
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.177 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Tot Ion:178 Resp: 3170061

Ion	Ratio	Lower	Upper
178	100		
176	22.6	17.7	26.5
179	17.8	13.8	20.8

178 100

176 22.6 17.7 26.5

179 17.8 13.8 20.8

Instrument :

BNA_F

ClientSampleId :

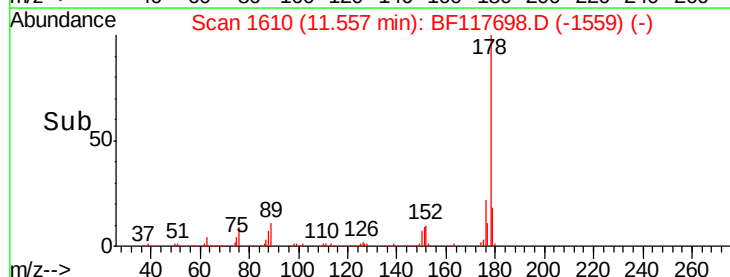
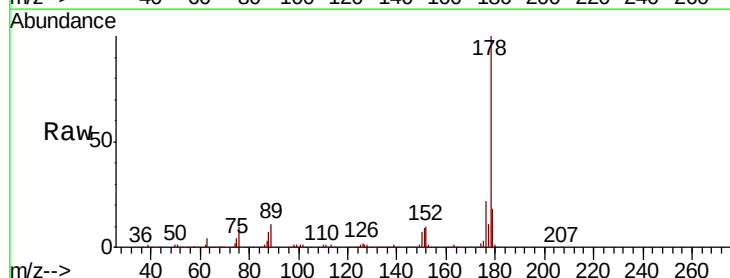
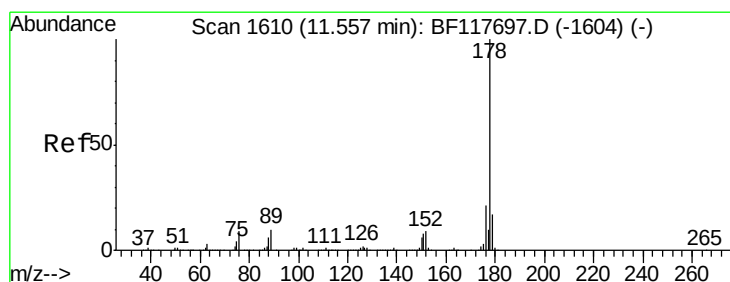
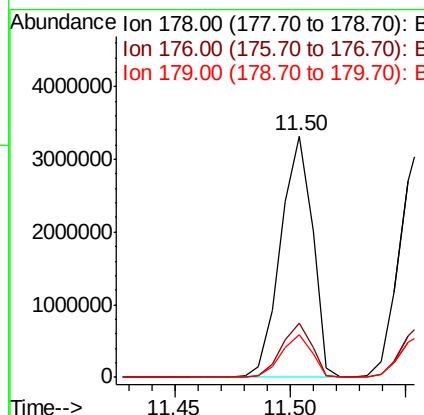
SSTDICC050

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#72

Anthracene

Concen: 49.159 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

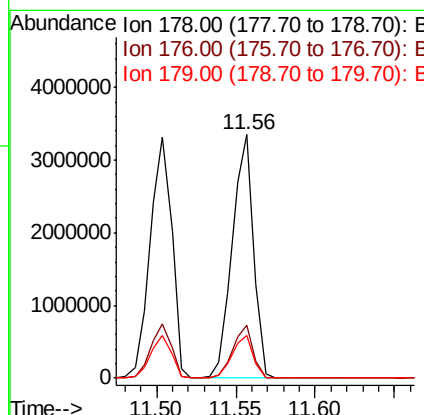
Tgt Ion:178 Resp: 3120975

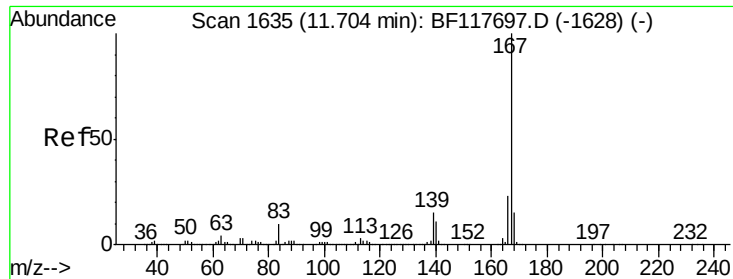
Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.6	25.0
179	17.6	13.5	20.3

178 100

176 21.8 16.6 25.0

179 17.6 13.5 20.3





#73
 Carbazole
 Concen: 49.632 ng
 RT: 11.70 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

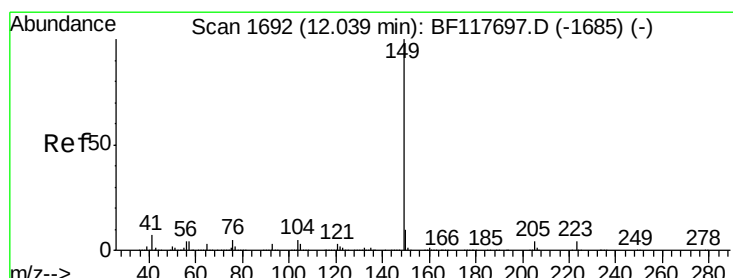
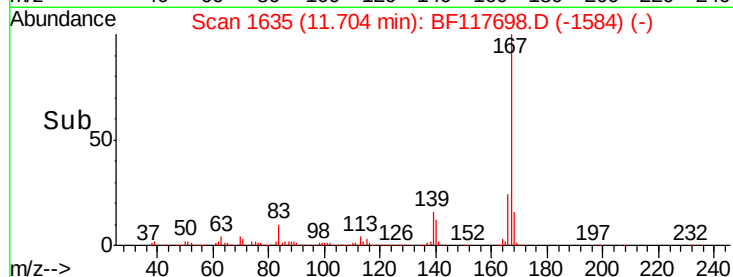
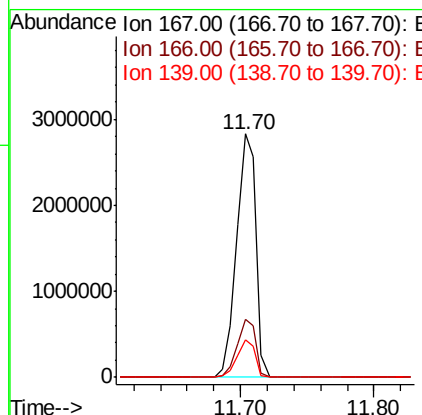
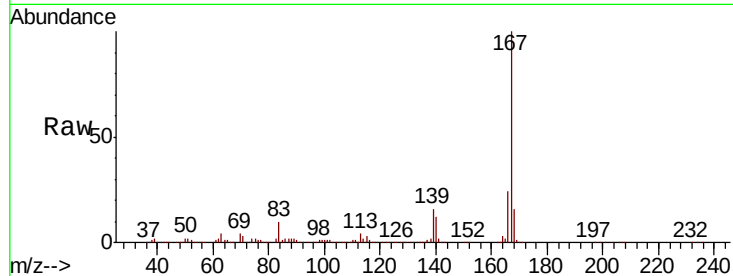
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:167 Resp: 2880784

Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.6	27.8
139	15.6	11.9	17.9

Manual Integrations
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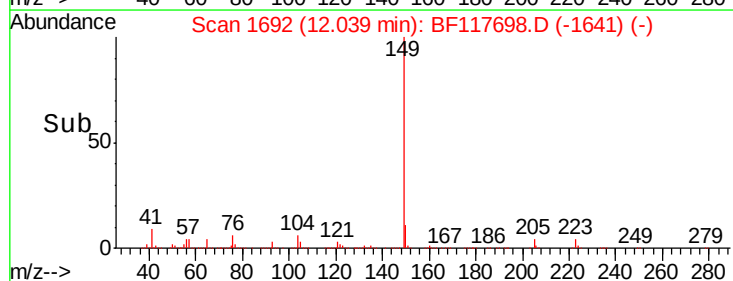
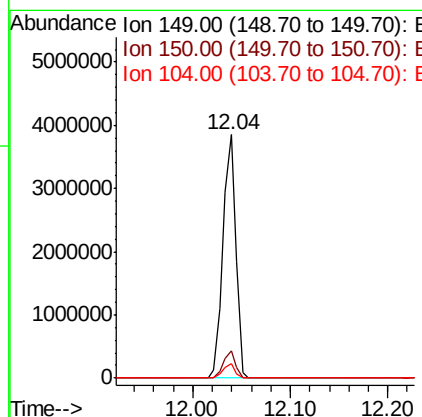
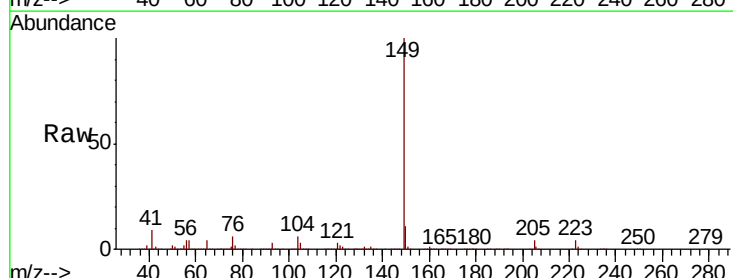
Sohil
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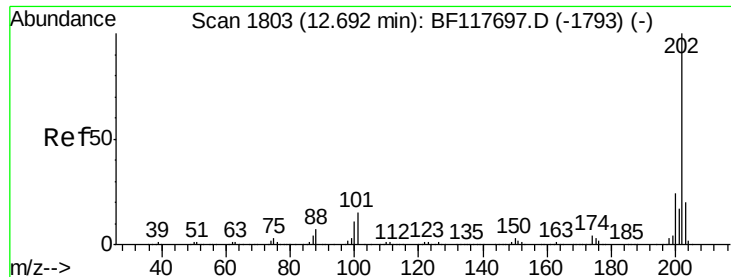


#74
 Di-n-butylphthalate
 Concen: 50.632 ng
 RT: 12.04 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Tgt Ion:149 Resp: 3527467

Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.3	12.5
104	6.1	4.2	6.4





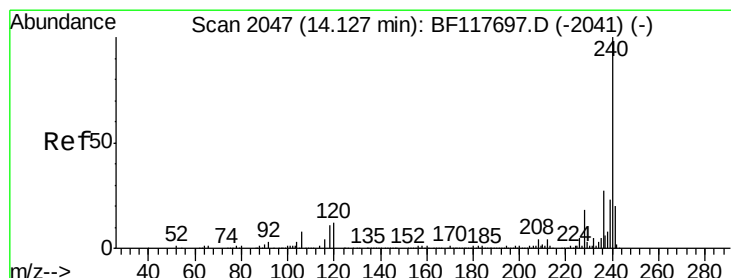
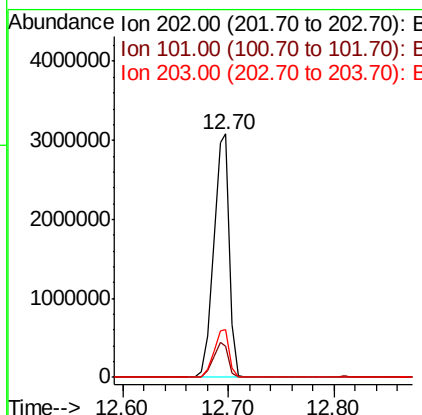
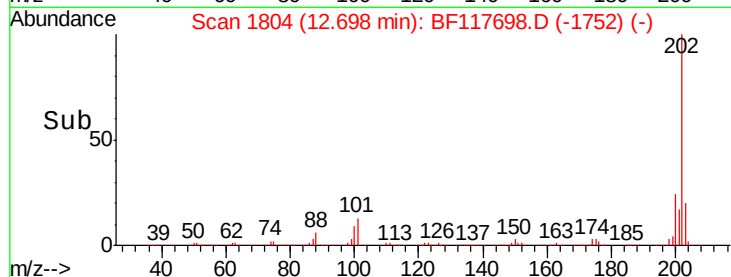
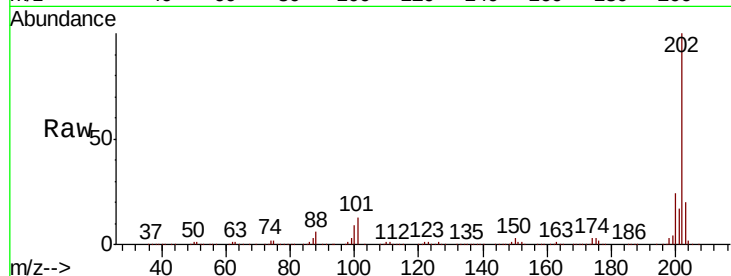
#75
Fluoranthene
Concen: 49.895 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.5
203	19.8	0.0	39.8

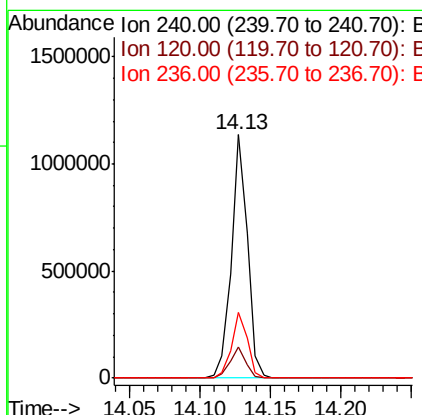
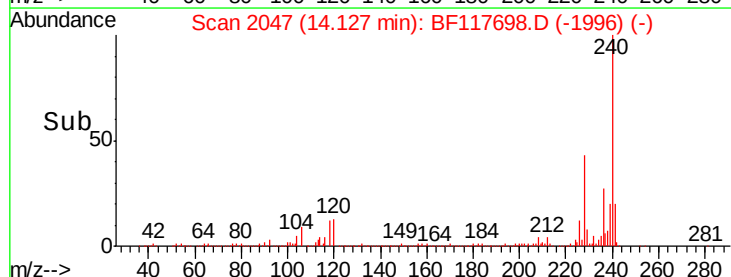
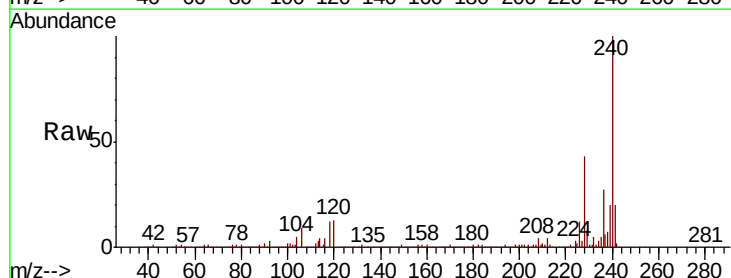
Manual Integrations
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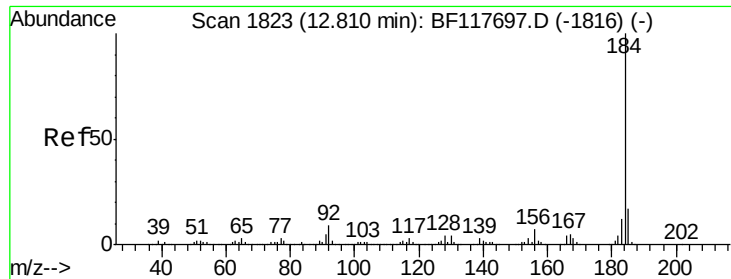
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.7	14.5
236	27.1	21.9	32.9





#77

Benzidine

Concen: 90.833 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:184 Resp: 1603509

Ion Ratio Lower Upper

184 100

185 17.9 13.3 19.9

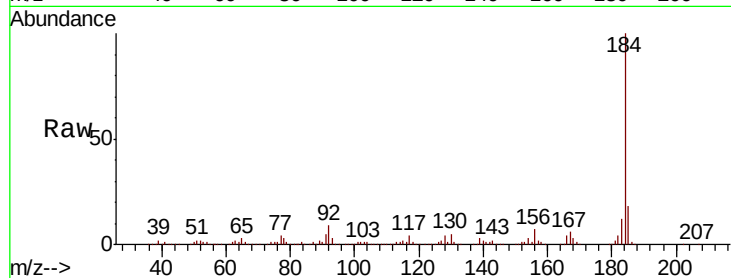
183 12.3 9.6 14.4

Manual Integrations

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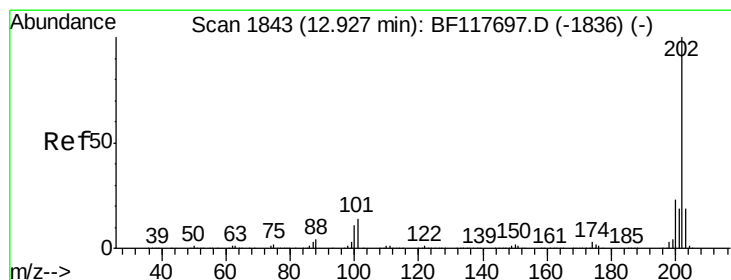
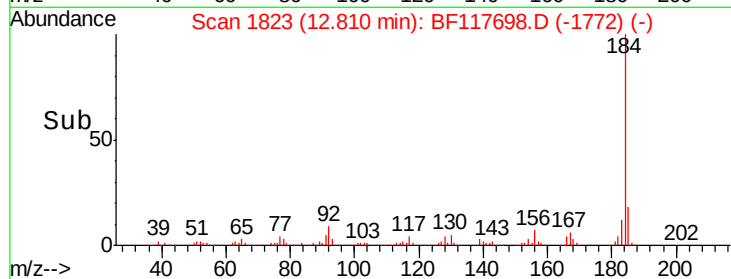
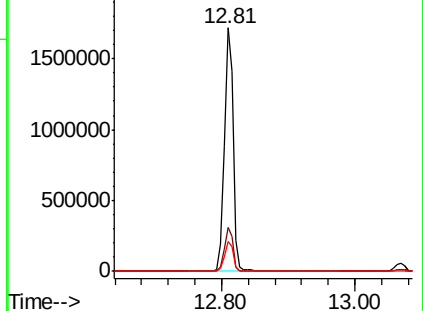
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.454 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

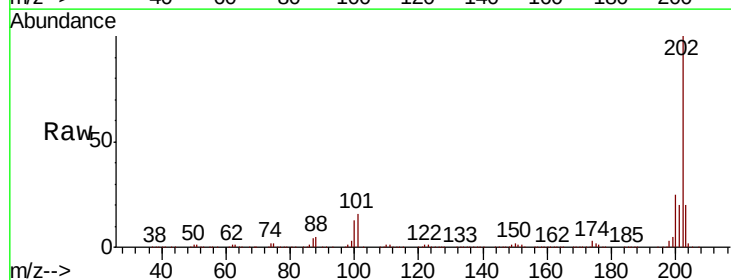
Tgt Ion:202 Resp: 3248553

Ion Ratio Lower Upper

202 100

200 24.6 18.8 28.2

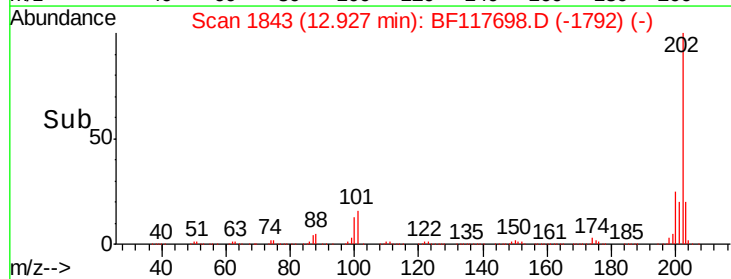
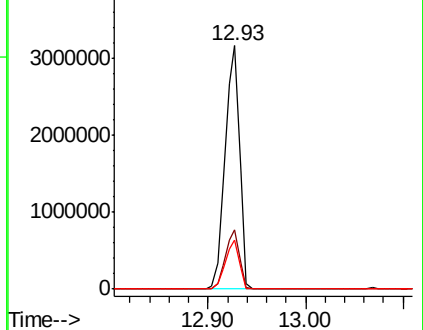
203 20.1 15.2 22.8

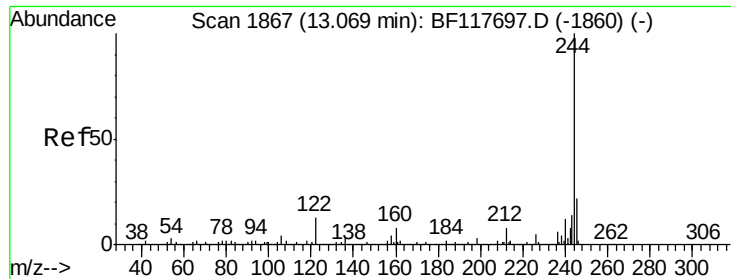


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





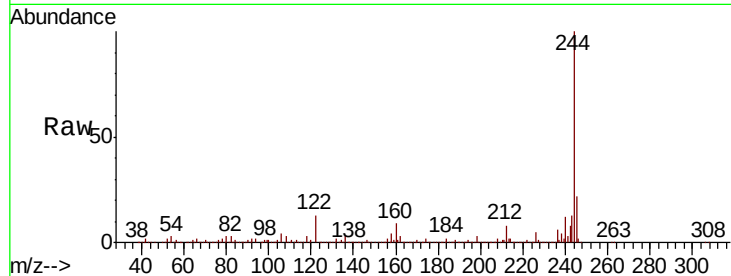
#79
 Terphenyl-d14
 Concen: 97.845 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

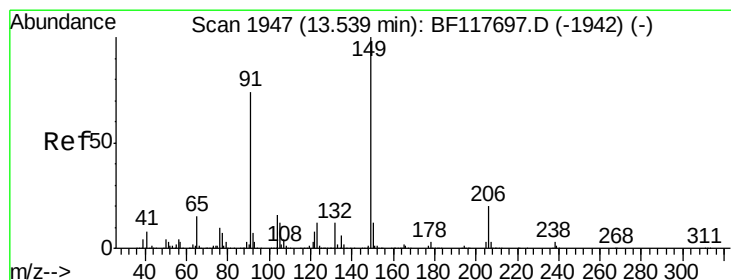
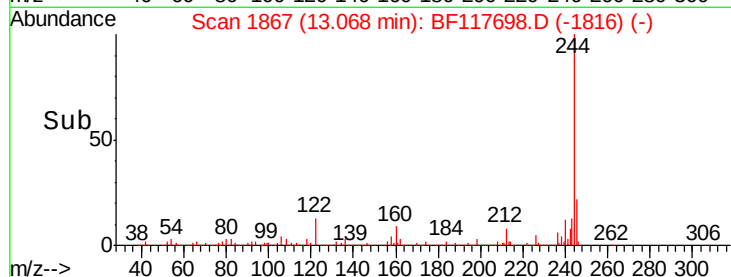
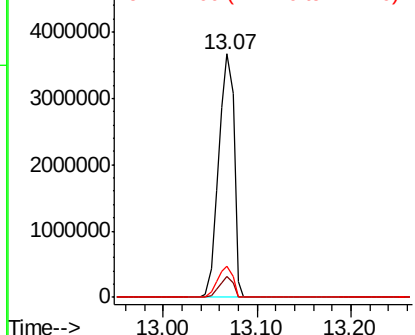
Tot Ion:244 Resp: 4231819
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.4 9.6
 122 12.8 10.0 15.0

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 11/8/2019 3:30:31 PM

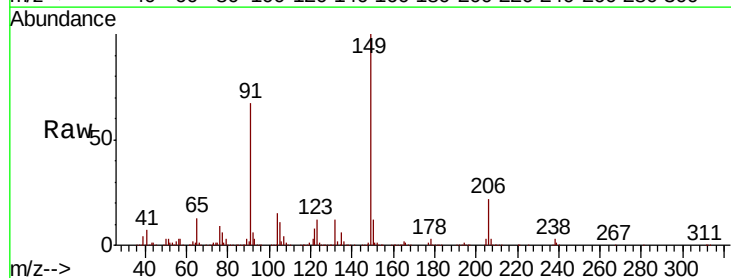


Abundance Ion 244.00 (243.70 to 244.70): E
 5000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

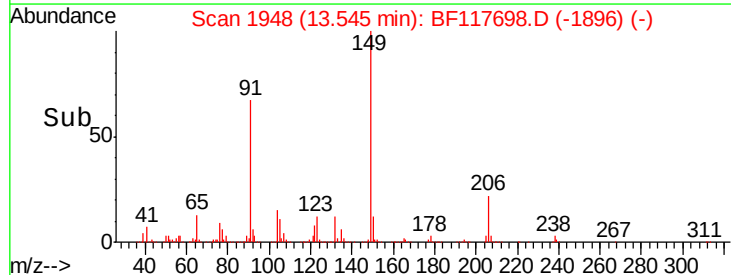
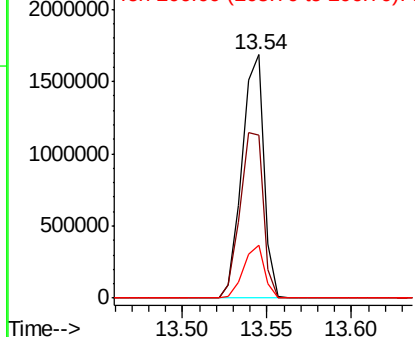


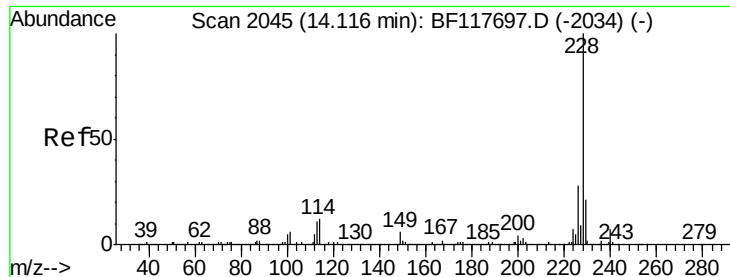
#80
 Butylbenzylphthalate
 Concen: 53.423 ng
 RT: 13.54 min Scan# 1948
 Delta R.T. 0.01 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Tgt Ion:149 Resp: 1532869
 Ion Ratio Lower Upper
 149 100
 91 67.1 59.1 88.7
 206 21.5 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.225 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:228 Resp: 2764356

Ion Ratio Lower Upper

228 100

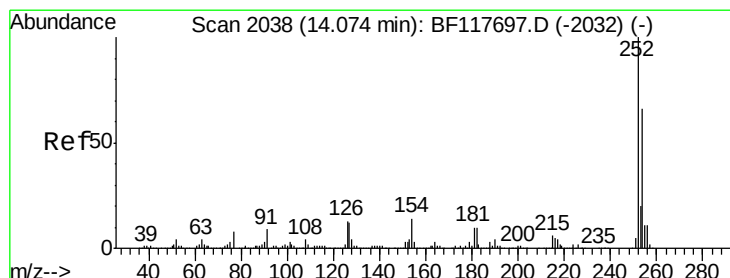
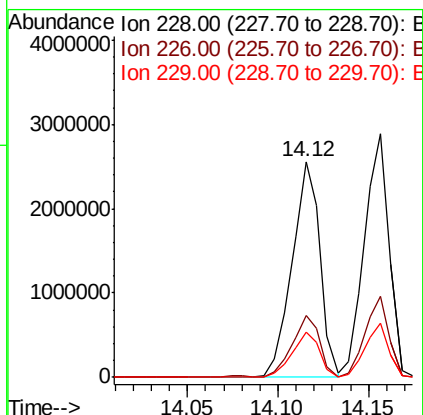
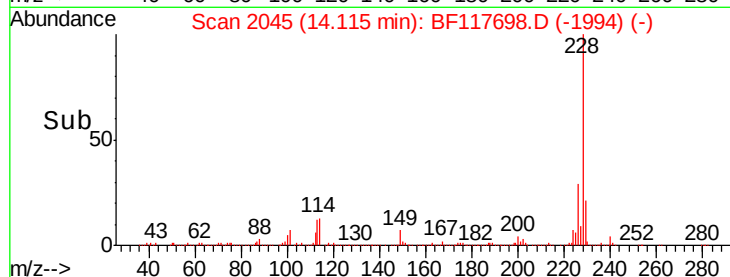
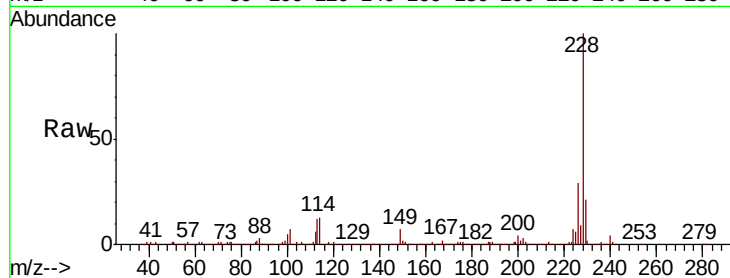
226 28.8 22.8 34.2

229 21.0 16.9 25.3

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11/8/2019 3:30:31 PM



#82

3,3'-Dichlorobenzidine

Concen: 55.432 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

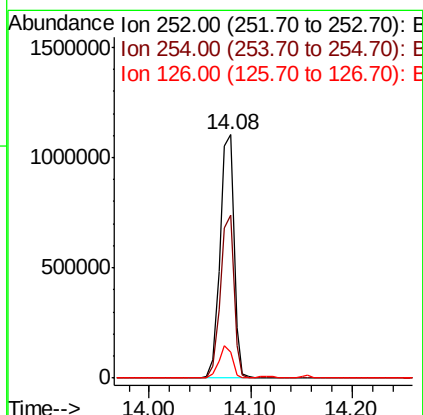
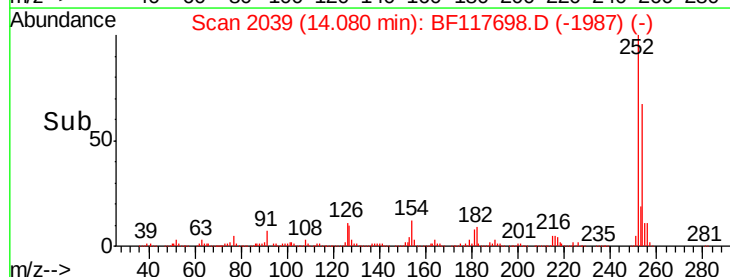
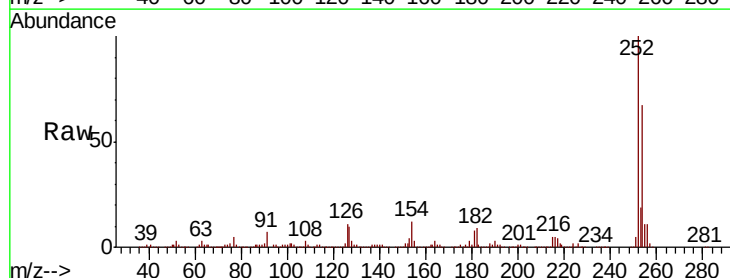
Tgt Ion:252 Resp: 1057865

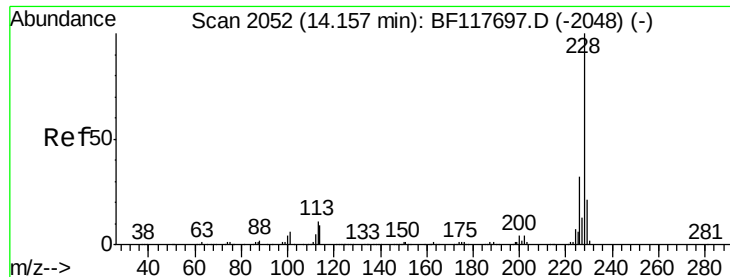
Ion Ratio Lower Upper

252 100

254 67.0 53.1 79.7

126 10.6 10.3 15.5





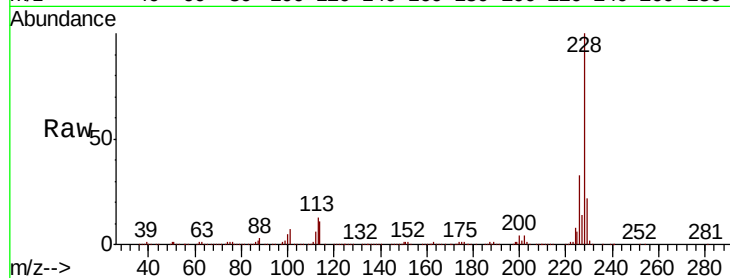
#83
Chrysene
Concen: 52.611 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.4	38.2
229	22.1	16.6	24.8

Manual Integrations
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11/8/2019 3:30:31 PM

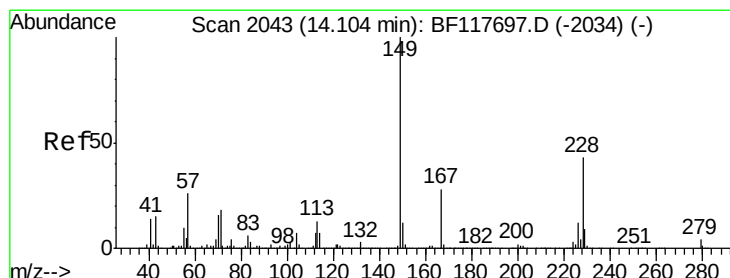
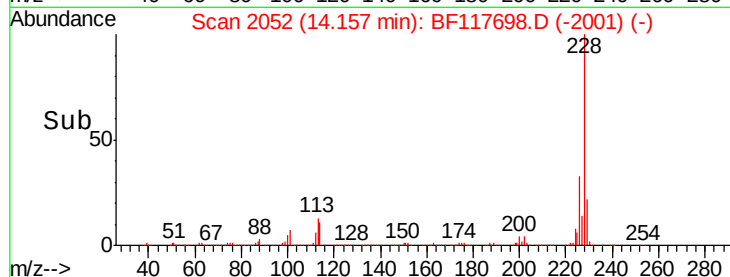
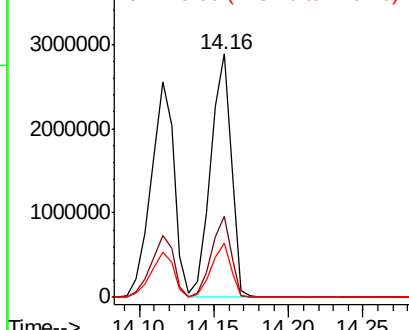


Abundance

Ion 228.00 (227.70 to 228.70): E

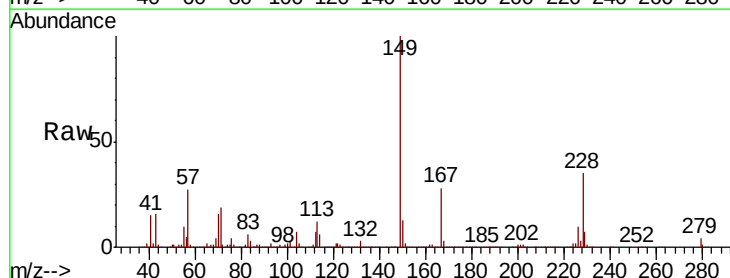
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.182 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.2
279	4.4	3.4	5.2

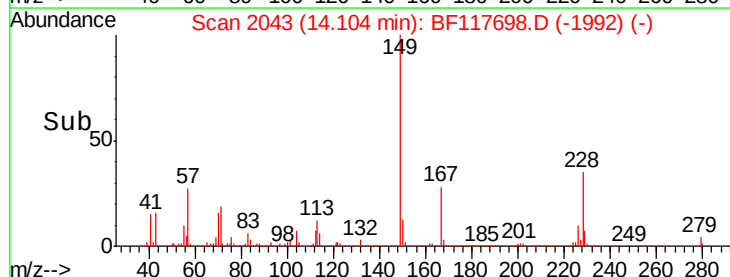
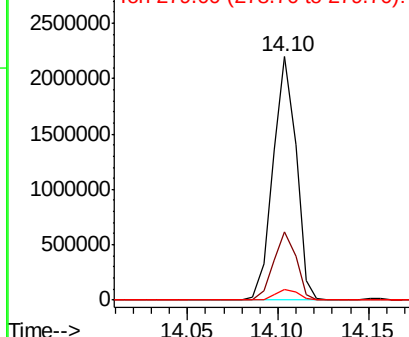


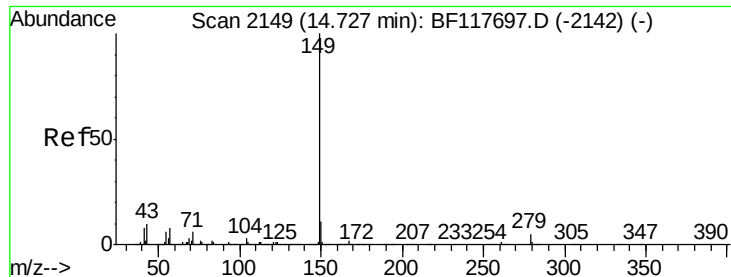
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.893 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 3069864

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

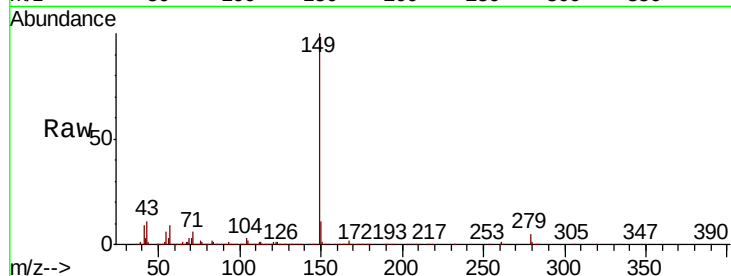
43 10.5 8.4 12.6

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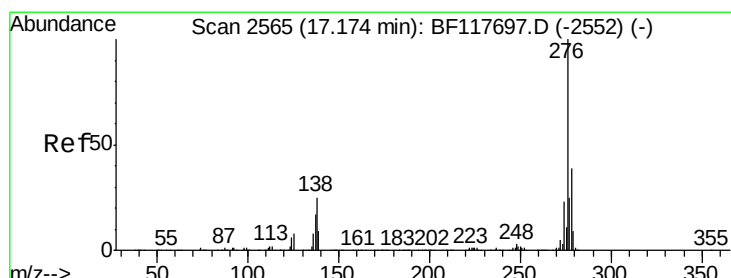
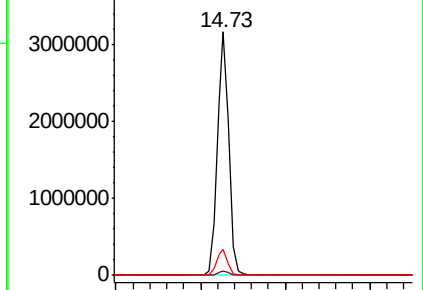
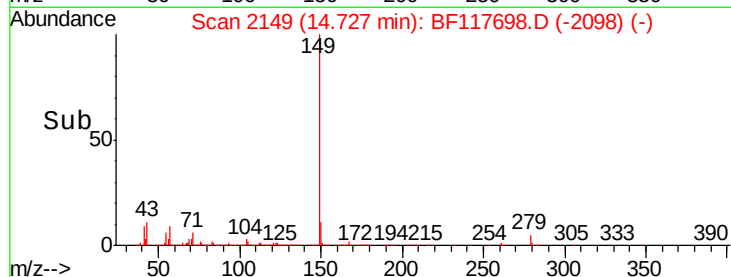
11/8/2019 3:30:31 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.154 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

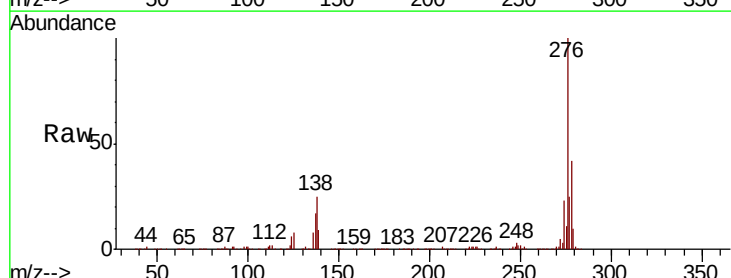
Tgt Ion:276 Resp: 2498229

Ion Ratio Lower Upper

276 100

138 28.1 22.4 33.6

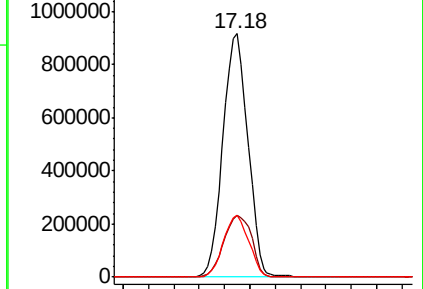
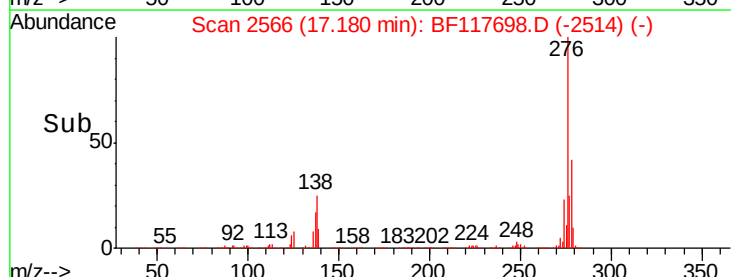
277 25.8 20.6 30.8

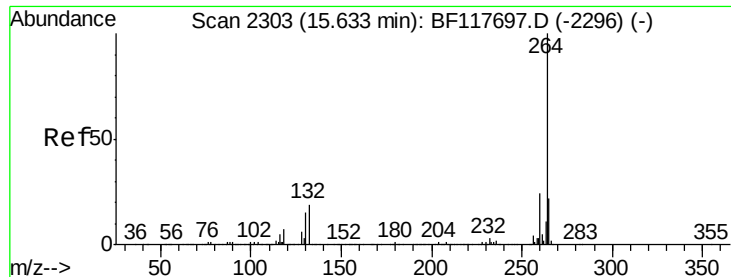


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.64 min Scan# 2304

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:264 Resp: 837878

Ion Ratio Lower Upper

264 100

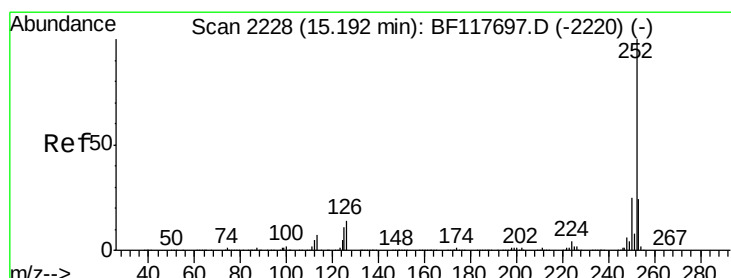
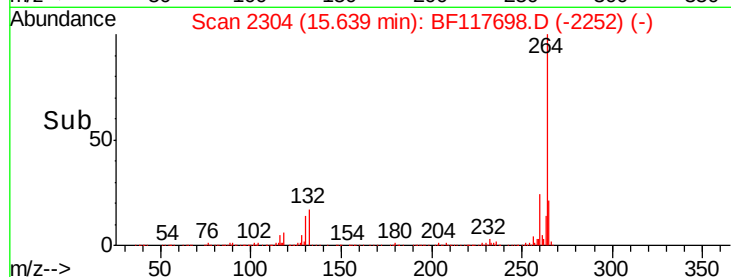
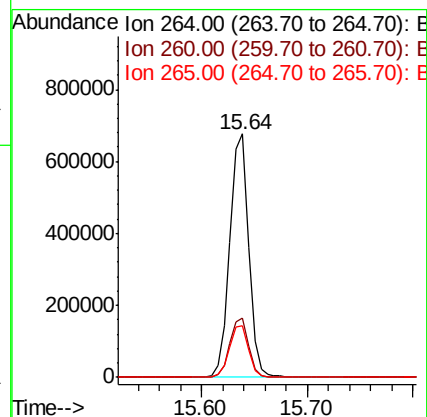
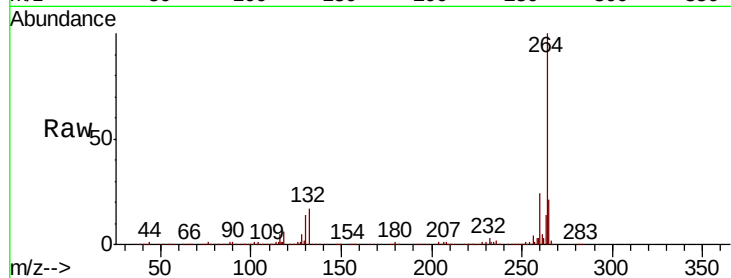
260 24.2 18.8 28.2

265 21.3 17.7 26.5

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11/8/2019 3:30:31 PM



#88

Benzo(b)fluoranthene

Concen: 54.615 ng

RT: 15.19 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

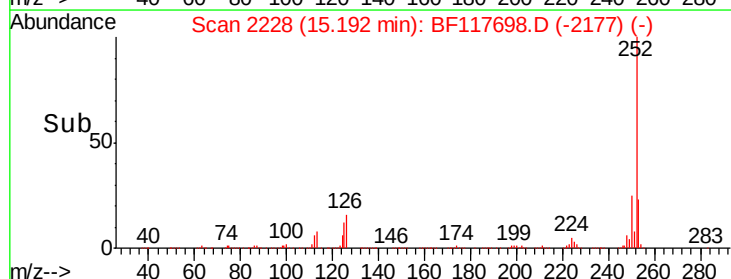
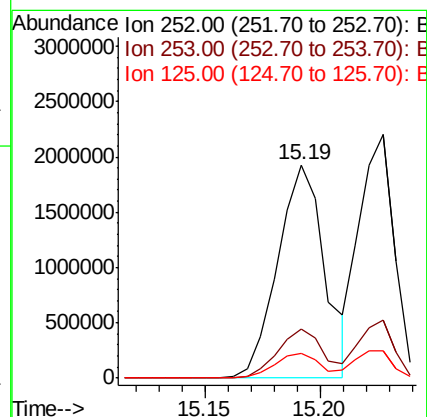
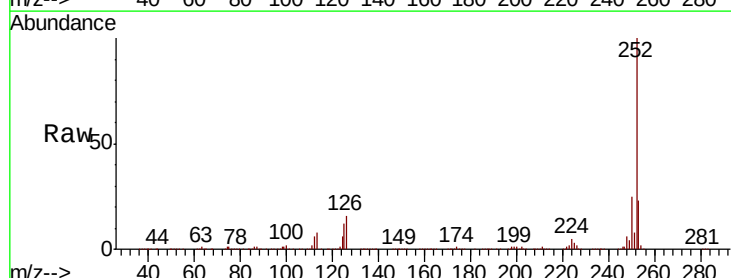
Tgt Ion:252 Resp: 2713962

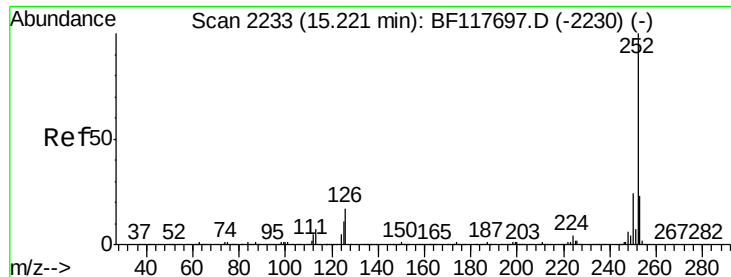
Ion Ratio Lower Upper

252 100

253 23.1 18.9 28.3

125 11.7 8.5 12.7





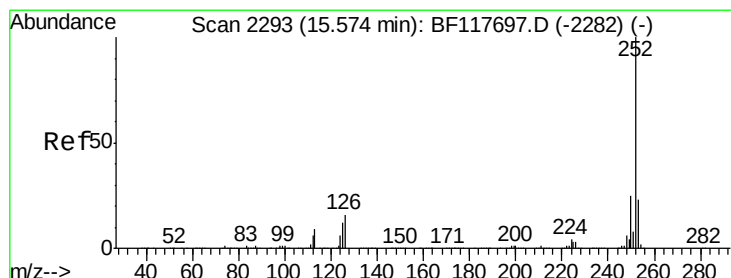
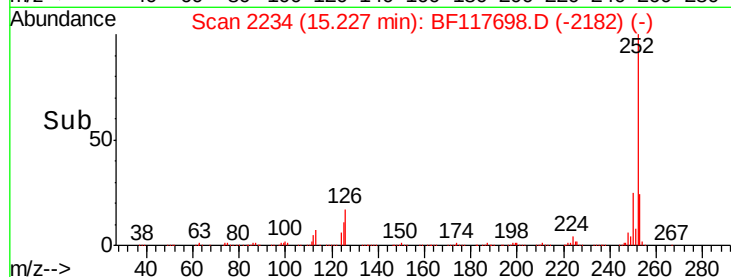
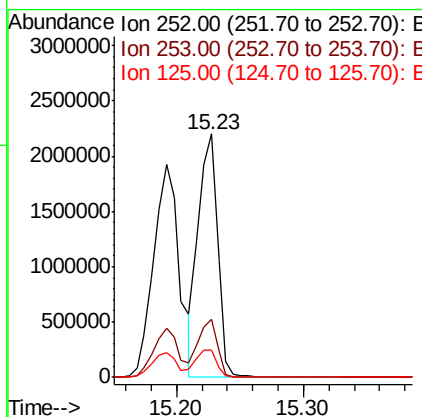
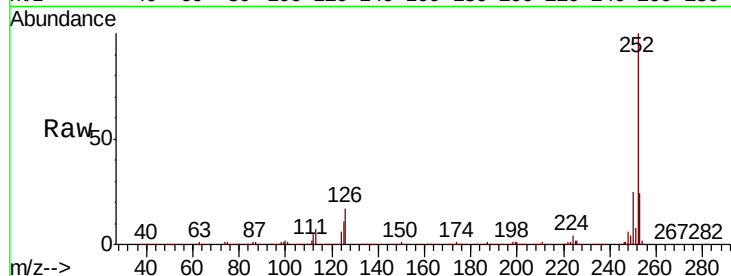
#89
Benzo(k)fluoranthene
Concen: 50.712 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	11.4	9.1	13.7

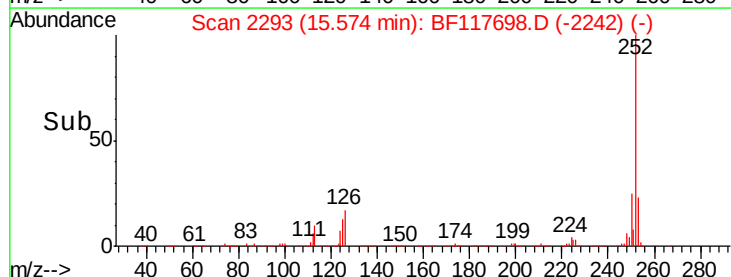
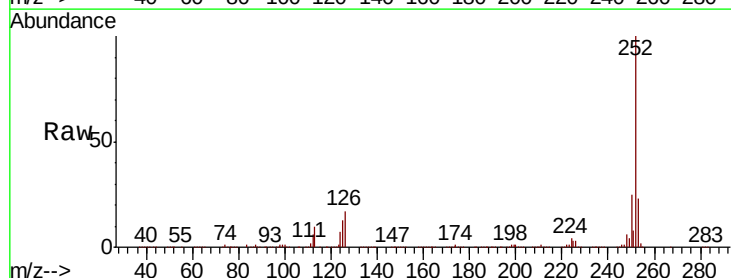
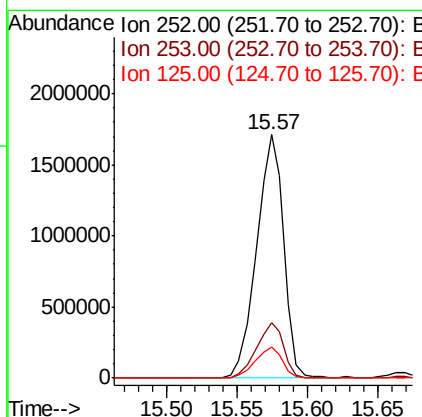
Manual Integrations
APPROVED

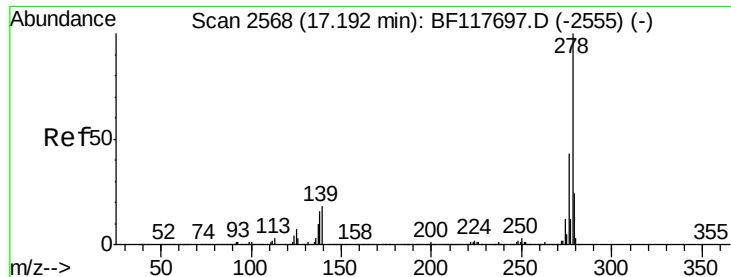
Sohil
11/8/2019 3:30:31 PM



#90
Benzo(a)pyrene
Concen: 52.847 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.9	9.5	14.3





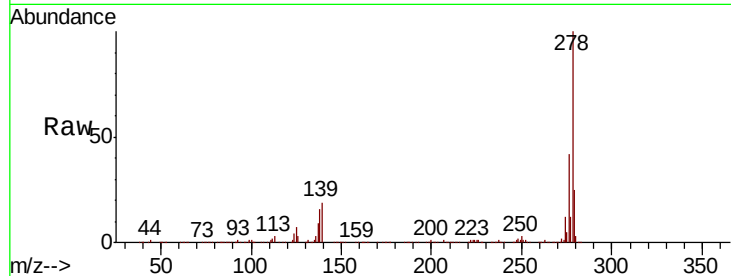
#91
Dibenzo(a,h)anthracene
Concen: 52.999 ng
RT: 17.20 min Scan# 2569
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.3	21.5
279	24.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
11/8/2019 3:30:31 PM

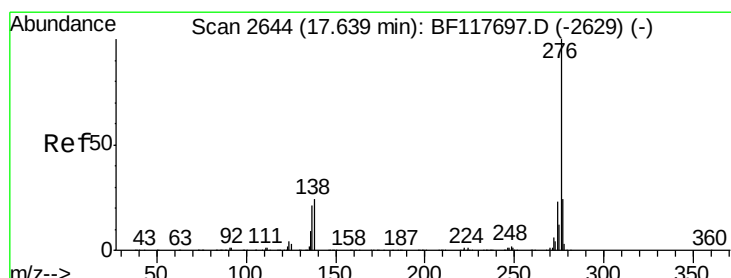
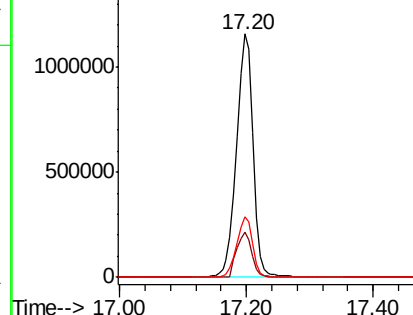
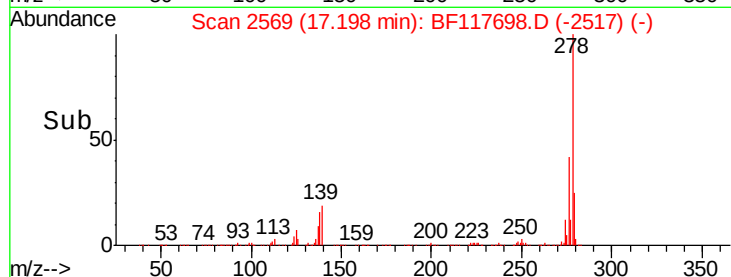


Abundance

Ion 278.00 (277.70 to 278.70): E

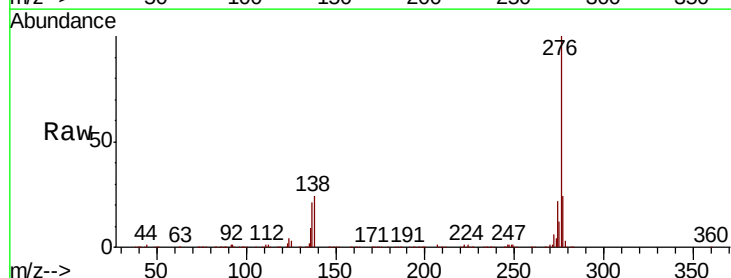
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.388 ng
RT: 17.64 min Scan# 2645
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	23.7	19.2	28.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

