

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\
 Data File : BF117696.D
 Acq On : 6 Nov 2019 13:01
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:30:29 PM

Quant Time: Nov 06 14:21:59 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	6.93	152	376552	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1465805	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	788903	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1417822	20.00	ng	0.00
76) Chrysene-d12	14.13	240	1061333	20.00	ng	0.00
87) Perylene-d12	15.63	264	1016940	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	955930	41.90	ng	0.00
7) Phenol-d6	6.55	99	1176609	41.77	ng	-0.01
23) Nitrobenzene-d5	7.50	82	1074899	45.18	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	344003	44.74	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2090509	50.82	ng	0.00
79) Terphenyl-d14	13.06	244	2373579	46.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.76	88	223346	21.014	ng	99
3) Pyridine	3.52	79	609597	21.249	ng	99
4) n-Nitrosodimethylamine	3.46	42	265826	20.459	ng	99
6) Aniline	6.59	93	771679	20.187	ng	99
8) 2-Chlorophenol	6.72	128	527890	22.554	ng	99
9) Benzaldehyde	6.48	77	428218	28.888	ng	97
10) Phenol	6.56	94	629933	22.391	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	505092	21.873	ng	99
12) 1,3-Dichlorobenzene	6.87	146	616844	22.829	ng	96
13) 1,4-Dichlorobenzene	6.95	146	617641	22.761	ng	98
14) 1,2-Dichlorobenzene	7.11	146	589518	23.714	ng	97
15) Benzyl Alcohol	7.07	79	457501	22.133	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	816688	22.227	ng	100
17) 2-Methylphenol	7.17	107	436971	21.629	ng	100
18) Hexachloroethane	7.45	117	217802	21.667	ng	93
19) n-Nitroso-di-n-propylamine	7.34	70	376665	21.975	ng	97
20) 3+4-Methylphenols	7.33	107	564649	23.693	ng	95
22) Acetophenone	7.34	105	760050	23.022	ng	# 99
24) Nitrobenzene	7.52	77	560306	22.877	ng	99
25) Isophorone	7.75	82	1005561	22.045	ng	96
26) 2-Nitrophenol	7.83	139	237345	22.024	ng	95
27) 2,4-Dimethylphenol	7.86	122	429261	22.016	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	665771	23.116	ng	98
29) 2,4-Dichlorophenol	8.07	162	445289	22.680	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	521283	23.165	ng	98
31) Naphthalene	8.25	128	1566485	24.580	ng	97
32) Benzoic acid	7.95	122	297962m	20.504	ng	
33) 4-Chloroaniline	8.29	127	678206	22.548	ng	98
34) Hexachlorobutadiene	8.36	225	300499	23.330	ng	98
35) Caprolactam	8.64	113	142287	21.437	ng	99
36) 4-Chloro-3-methylphenol	8.76	107	449735	22.508	ng	100
37) 2-Methylnaphthalene	8.94	142	1049578	24.261	ng	98
38) 1-Methylnaphthalene	9.04	142	1003417	24.483	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	482737	23.094	ng	100

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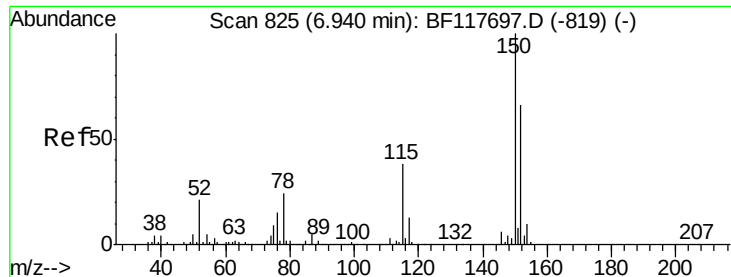
Manual Integrations
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 11/8/2019 3:30:29 PM

Quant Time: Nov 06 14:21:59 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)
41) Hexachlorocyclopentadiene	9.09	237	242749	21.034	nq	100
43) 2,4,6-Trichlorophenol	9.21	196	333946	23.151	nq	100
44) 2,4,5-Trichlorophenol	9.25	196	329961	22.740	nq	95
46) 1,1'-Biphenyl	9.40	154	1294871	23.683	nq	96
47) 2-Chloronaphthalene	9.43	162	1035978	23.729	nq	99
48) 2-Nitroaniline	9.52	65	297226	22.645	nq	98
49) Acenaphthylene	9.85	152	1552691	24.155	nq	98
50) Dimethylphthalate	9.70	163	1177073	23.485	nq	98
51) 2,6-Dinitrotoluene	9.76	165	247907	22.744	nq	99
52) Acenaphthene	10.02	154	979545	24.152	nq	99
53) 3-Nitroaniline	9.93	138	299657	22.587	nq	94
54) 2,4-Dinitrophenol	10.03	184	68452	19.398	nq #	30
55) Dibenzofuran	10.19	168	1395075	24.438	nq	95
56) 4-Nitrophenol	10.07	139	220247	22.403	nq	96
57) 2,4-Dinitrotoluene	10.16	165	318554	23.273	nq #	87
58) Fluorene	10.53	166	1034046	24.433	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	284748	24.384	nq	99
60) Diethylphthalate	10.40	149	1170525	23.805	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	533876	24.390	nq	94
62) 4-Nitroaniline	10.54	138	291445	22.548	nq	99
63) Azobenzene	10.69	77	1132936	23.990	nq	97
65) 4,6-Dinitro-2-methylphenol	10.57	198	99922	19.571	nq	93
66) n-Nitrosodiphenylamine	10.64	169	948444	23.060	nq	100
67) 4-Bromophenyl-phenylether	11.02	248	342014	22.803	nq #	92
68) Hexachlorobenzene	11.08	284	403646	23.203	nq	95
69) Atrazine	11.16	200	303828	35.745	nq	99
70) Pentachlorophenol	11.27	266	206237	23.399	nq	97
71) Phenanthrene	11.50	178	1613383	24.262	nq	97
72) Anthracene	11.55	178	1610778	24.104	nq	98
73) Carbazole	11.70	167	1443653	23.630	nq	99
74) Di-n-butylphthalate	12.03	149	1803759	24.597	nq	99
75) Fluoranthene	12.69	202	1643505	24.241	nq	96
77) Benzidine	12.81	184	841090	40.318	nq	99
78) Pyrene	12.92	202	1691593	22.673	nq	98
80) Butylbenzylphthalate	13.54	149	719853	21.230	nq	99
81) Benzo(a)anthracene	14.11	228	1464036	23.406	nq	98
82) 3,3'-Dichlorobenzidine	14.07	252	542520	24.057	nq #	96
83) Chrysene	14.15	228	1425345	23.163	nq	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	979545	22.572	nq	99
85) Di-n-octyl phthalate	14.73	149	1541861	22.906	nq	100
86) Indeno(1,2,3-cd)pyrene	17.17	276	1172287	20.313	nq	100
88) Benzo(b)fluoranthene	15.19	252	1413742	23.441	nq	98
89) Benzo(k)fluoranthene	15.22	252	1241757	22.252	nq	99
90) Benzo(a)pyrene	15.57	252	1186919	22.399	nq	99
91) Dibenzo(a,h)anthracene	17.19	278	1000964	21.221	nq	99
92) Benzo(g,h,i)perylene	17.63	276	908623	19.711	nq	99

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



#1

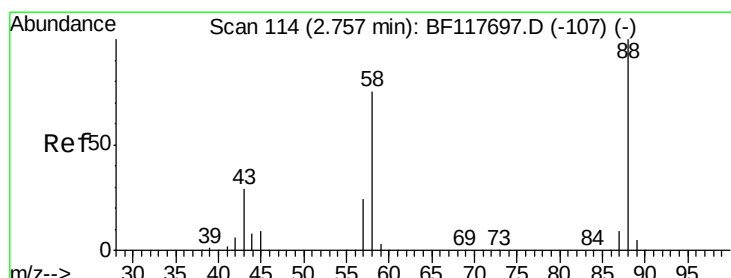
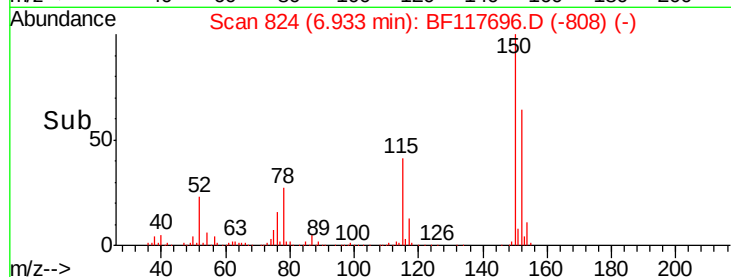
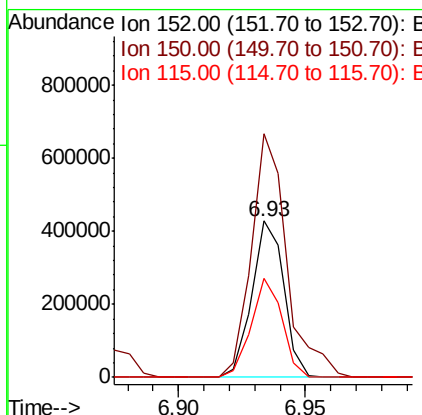
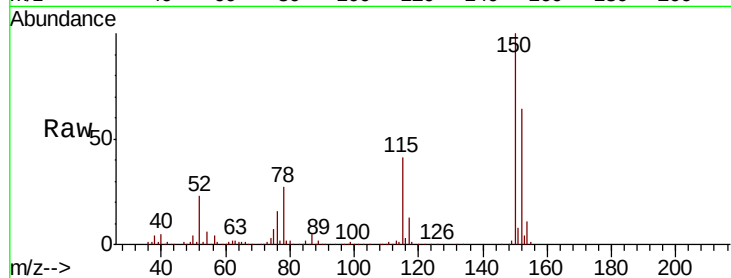
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	121.4	182.2
115	63.3	46.7	70.1

Manual Integrations
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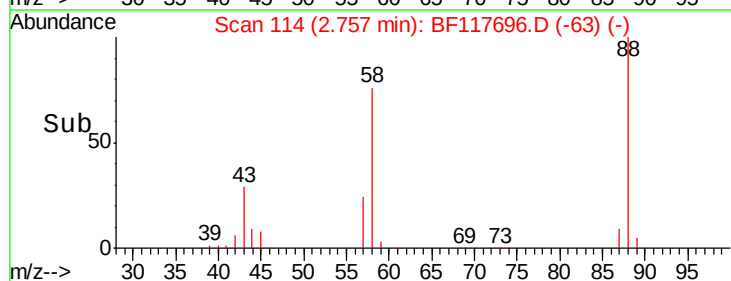
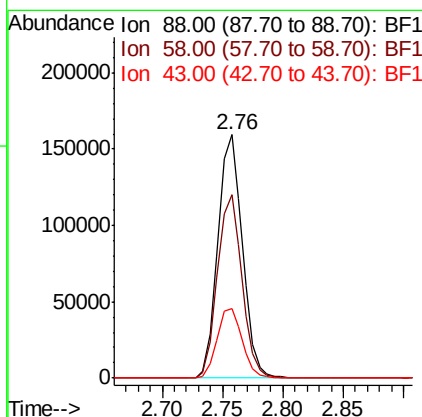
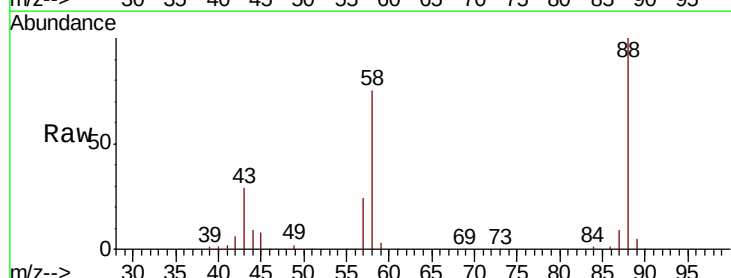
Sohil
11/8/2019 3:30:29 PM

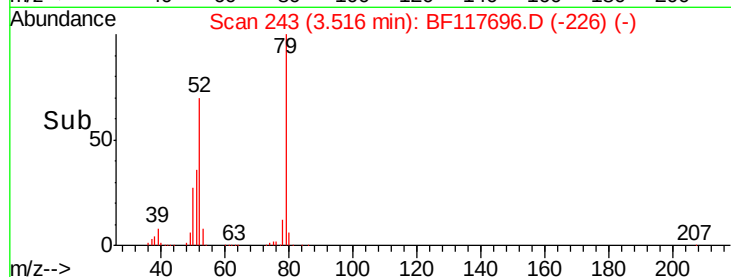
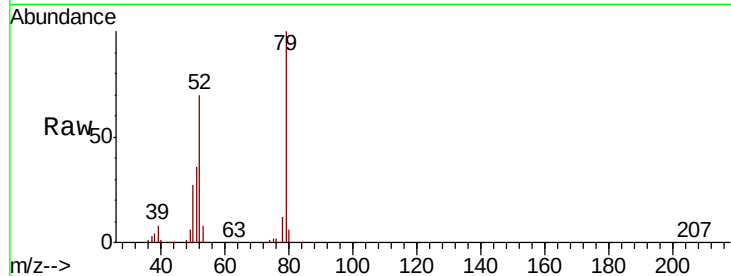
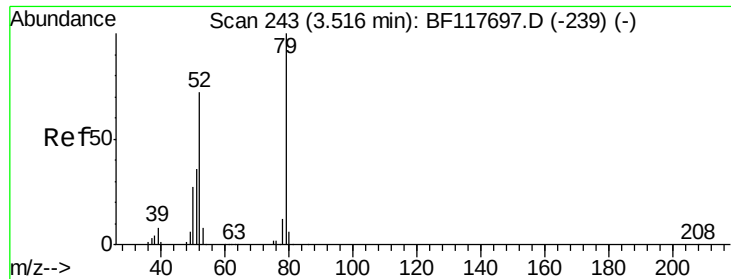


#2

1,4-Dioxane
Concen: 21.014 ng
RT: 2.76 min Scan# 114
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	60.1	90.1
43	29.2	24.0	36.0





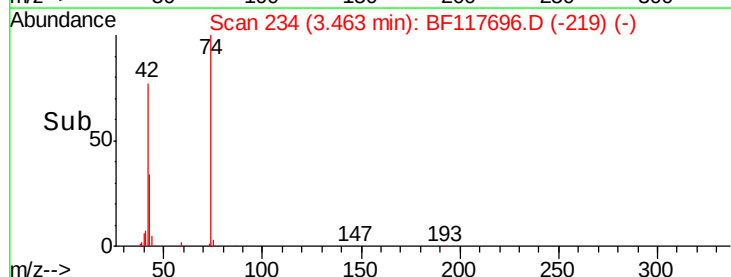
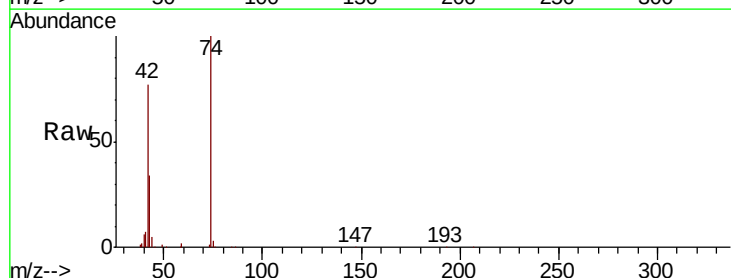
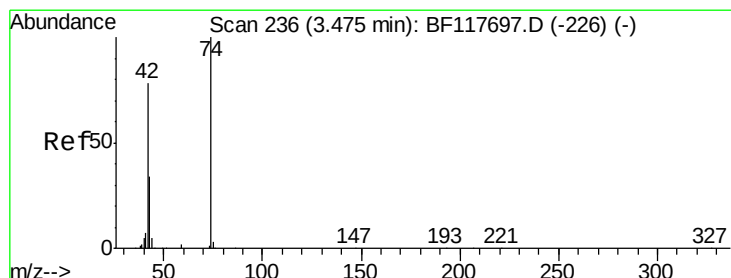
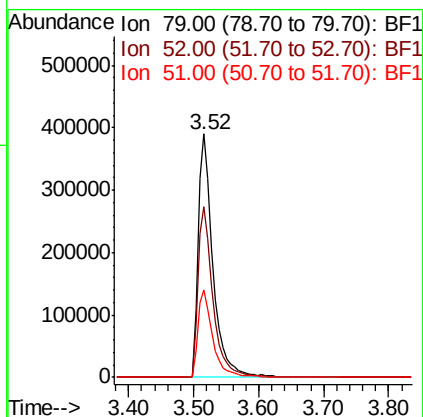
#3
 Pvrindine
 Concen: 21.249 ng
 RT: 3.52 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.2	57.2	85.8
51	35.7	28.6	42.8

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC020

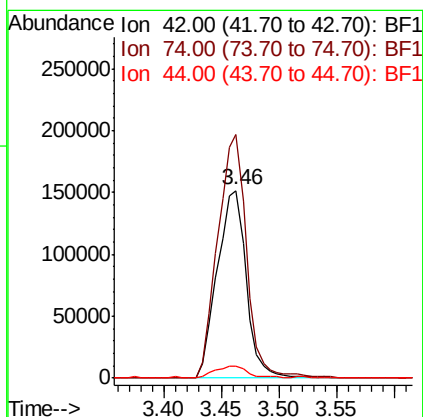
Manual Integrations
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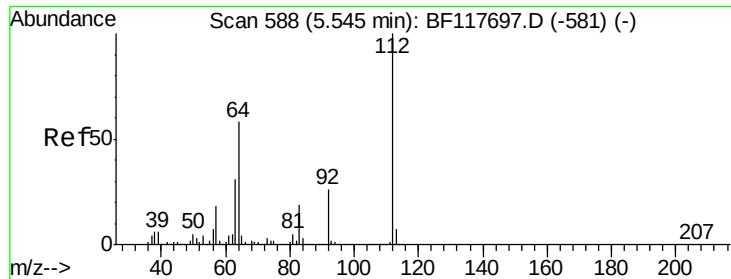
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 11/8/2019 3:30:29 PM



#4
 n-Nitrosodimethylamine
 Concen: 20.459 ng
 RT: 3.46 min Scan# 234
 Delta R.T. -0.01 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.6	103.1	154.7
44	6.6	5.0	7.6





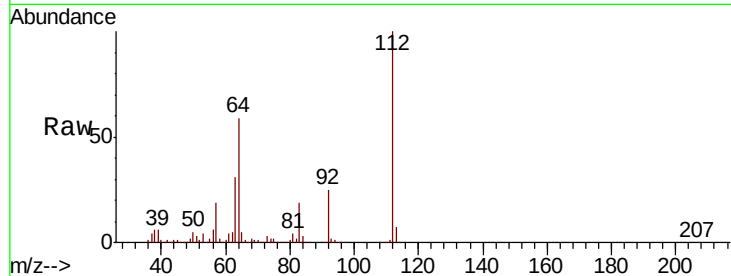
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2-Fluorophenol
Concen: 41.900 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

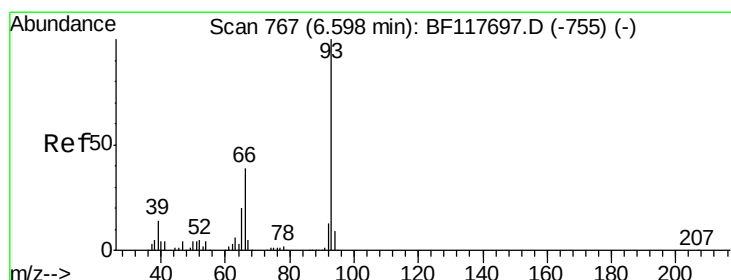
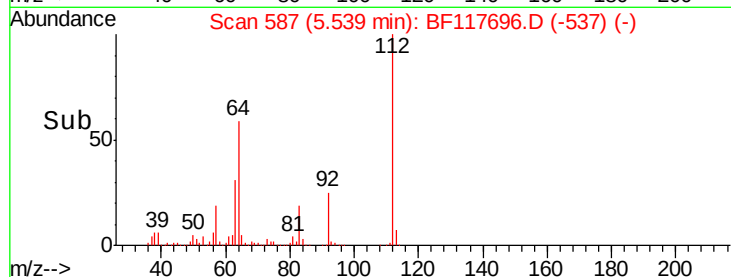
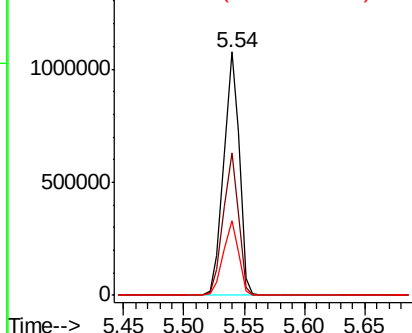
Tot Ion	Ratio	Resp	Lower	Upper
112	100	955930		
64	58.6		46.4	69.6
63	30.8		24.6	37.0

Manual Integrations
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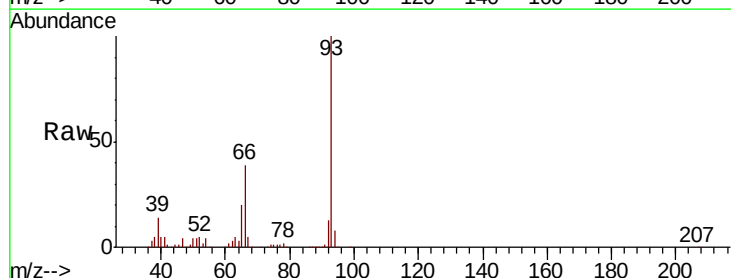


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

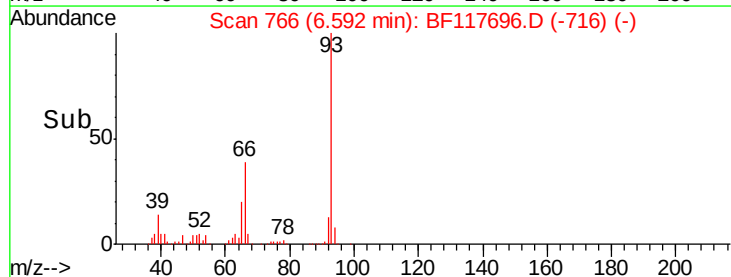
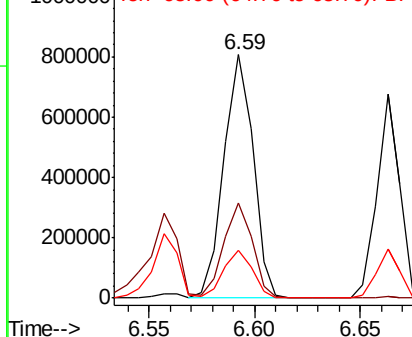


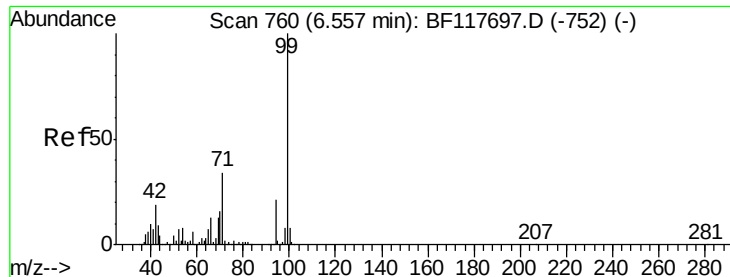
#6
Aniline
Concen: 20.187 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	771679		
66	39.0		31.7	47.5
65	19.7		15.8	23.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 41.767 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion: 99 Resp: 1176609

Ion Ratio Lower Upper

99 100

42 19.4 15.3 22.9

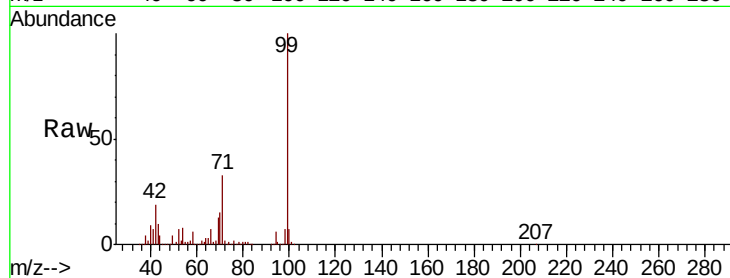
71 33.2 26.8 40.2

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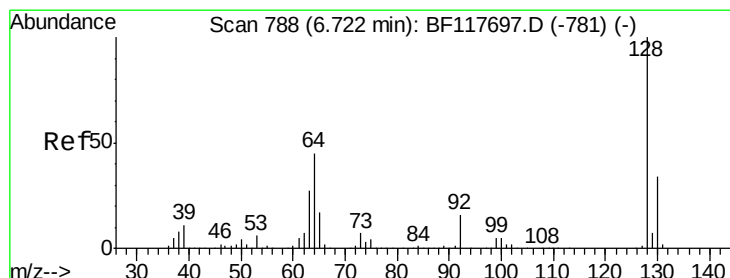
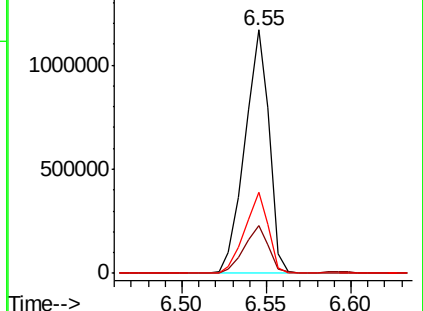
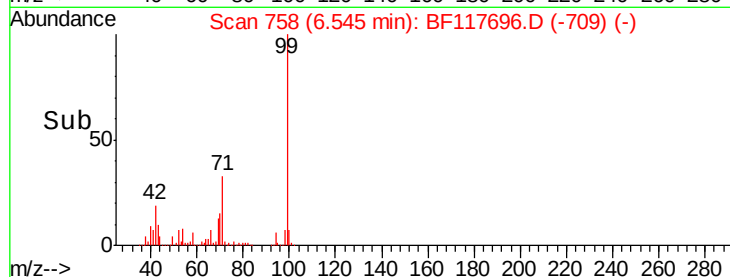
11/8/2019 3:30:29 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 22.554 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

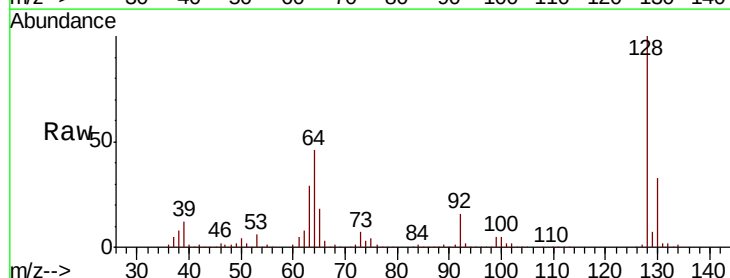
Tgt Ion: 128 Resp: 527890

Ion Ratio Lower Upper

128 100

130 33.0 13.6 53.6

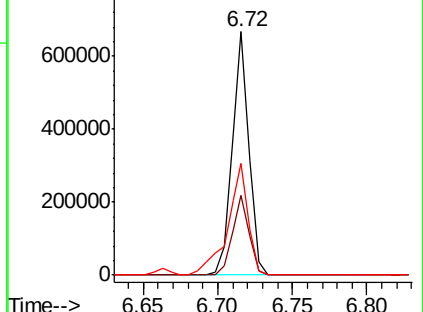
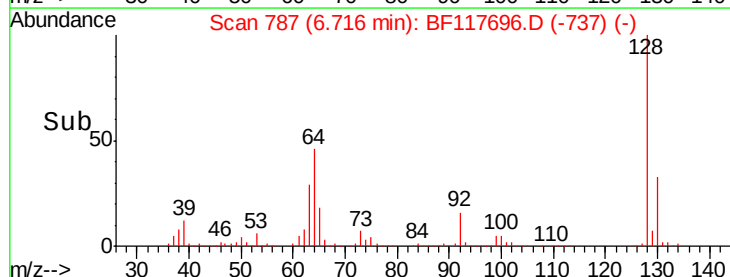
64 45.9 25.2 65.2

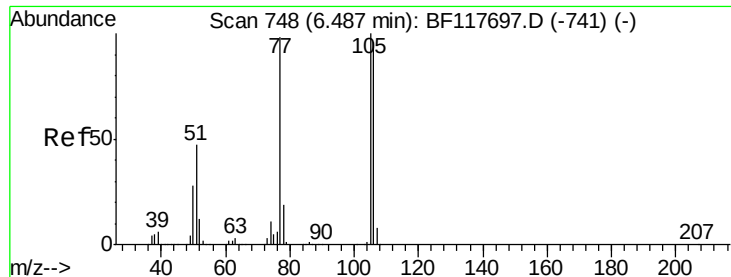


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.888 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Instrument :

BNA_F

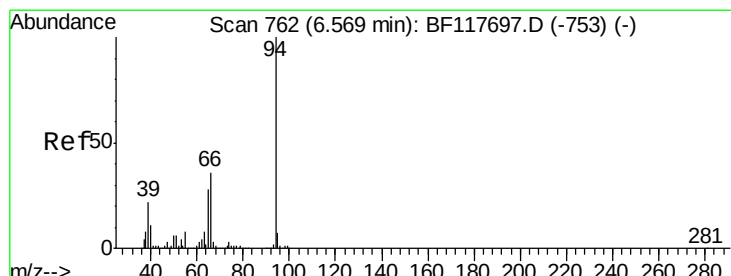
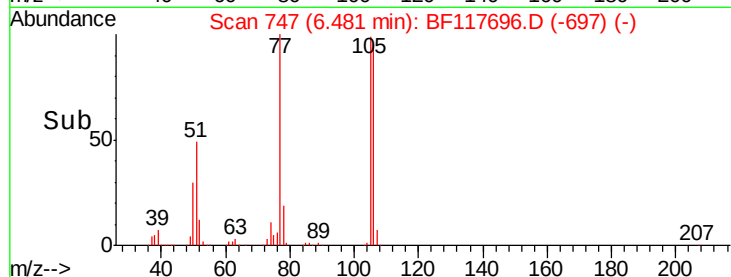
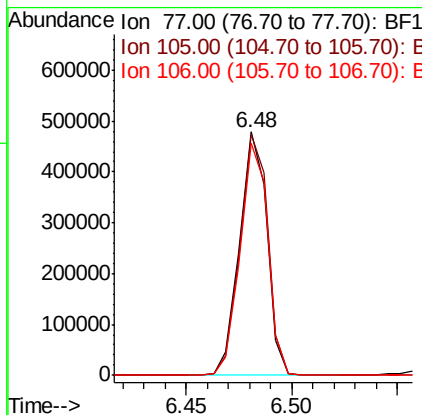
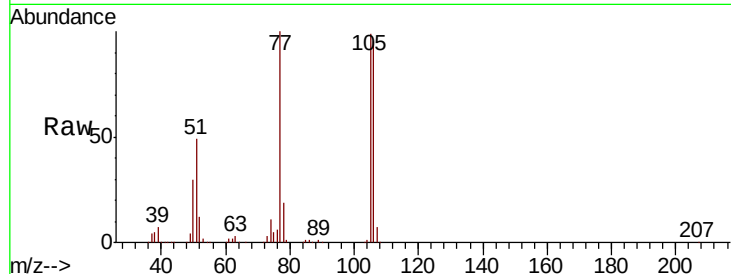
ClientSampleId :

SSTDIC020

Tot Ion:	77	Resp:	428218
Ion Ratio	Lower	Upper	
77	100		
105	98.9	82.3	122.3
106	95.2	78.0	118.0

Manual Integrations
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11/8/2019 3:30:29 PM



#10

Phenol

Concen: 22.391 ng

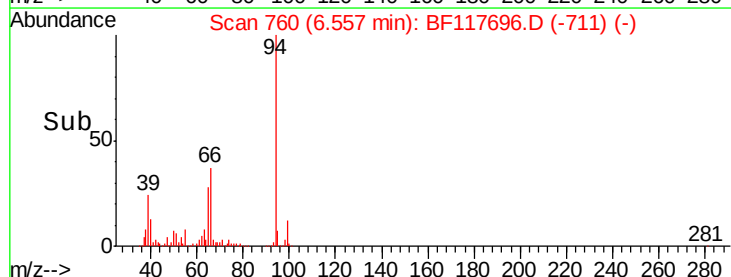
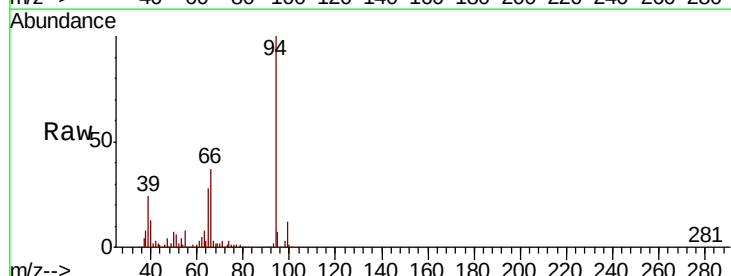
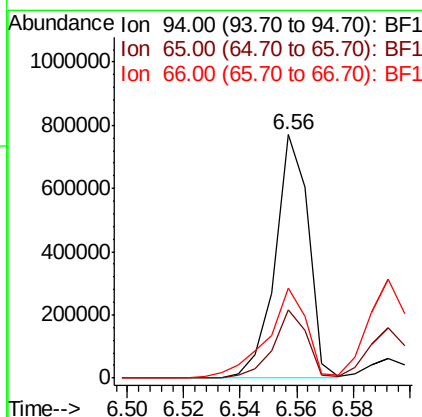
RT: 6.56 min Scan# 760

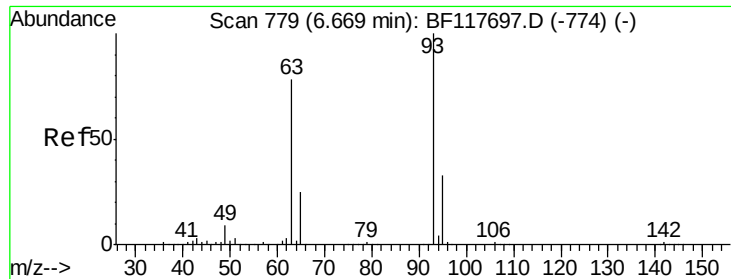
Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Tgt Ion:	94	Resp:	629933
Ion Ratio	Lower	Upper	
94	100		
65	27.9	7.6	47.6
66	36.7	16.1	56.1





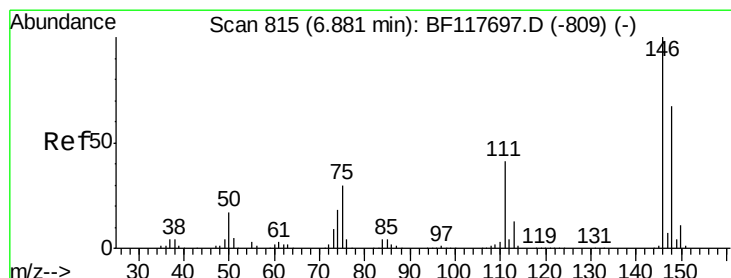
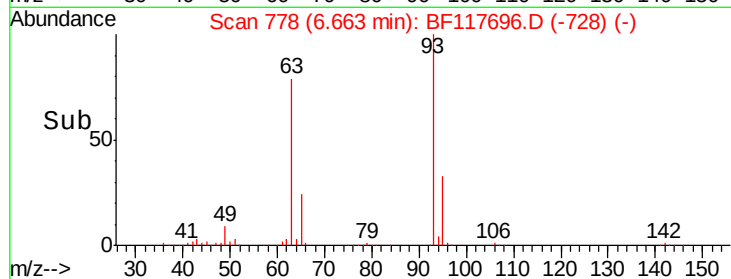
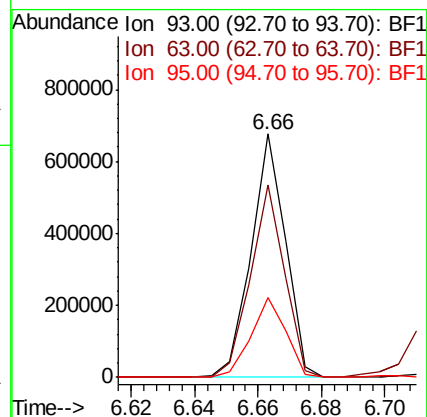
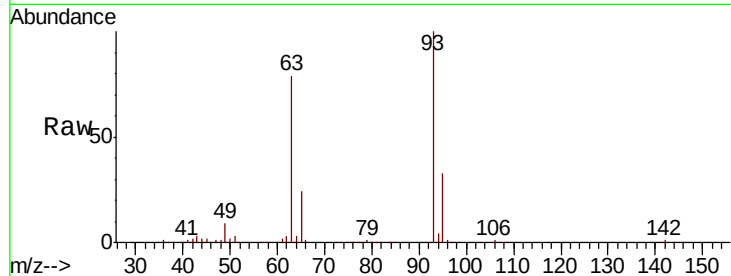
#11
bis(2-Chloroethyl)ether
Concen: 21.873 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	93	Resp:	505092
Ion	Ratio	Lower	Upper
93	100		
63	79.2	57.6	97.6
95	33.0	12.7	52.7

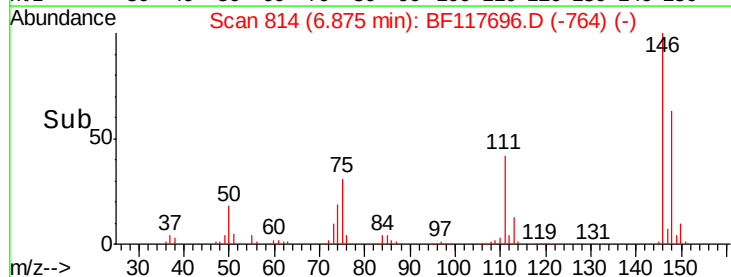
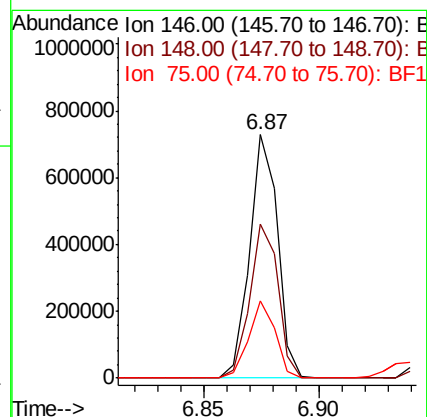
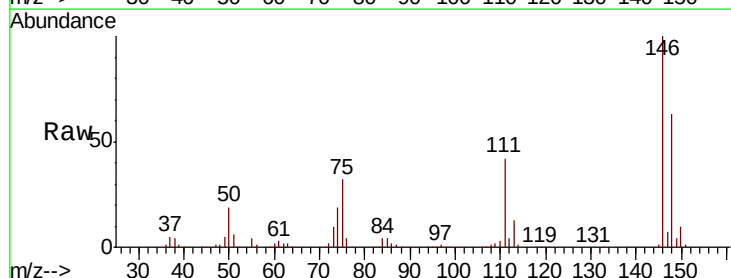
Manual Integrations
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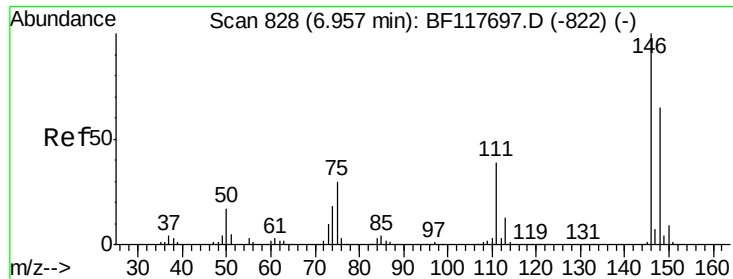
Sohil
11/8/2019 3:30:29 PM



#12
1,3-Dichlorobenzene
Concen: 22.829 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion:	146	Resp:	616844
Ion	Ratio	Lower	Upper
146	100		
148	63.3	53.4	80.2
75	31.6	24.0	36.0





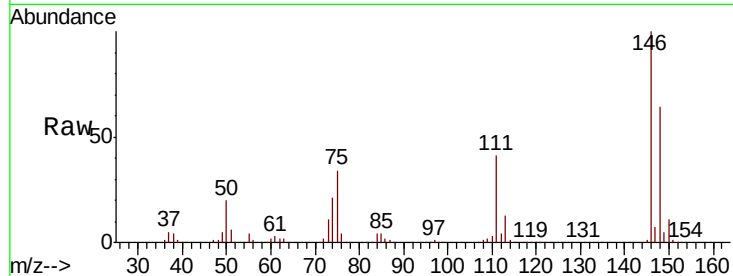
#13
1,4-Dichlorobenzene
Concen: 22.761 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampled :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
111	41.1	31.6	47.4

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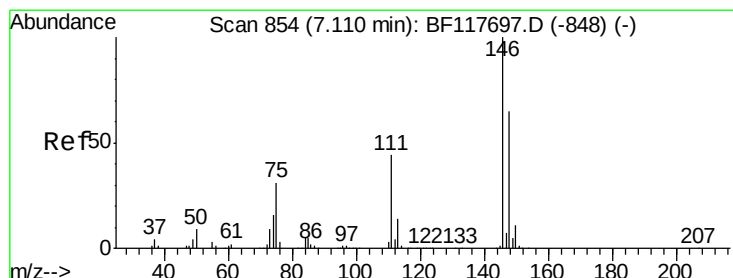
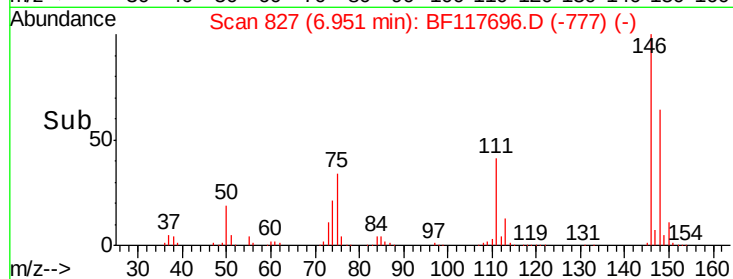
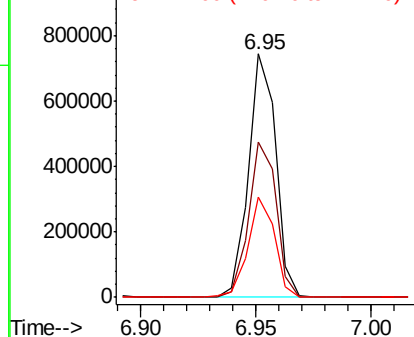


Abundance

Ion 146.00 (145.70 to 146.70): E

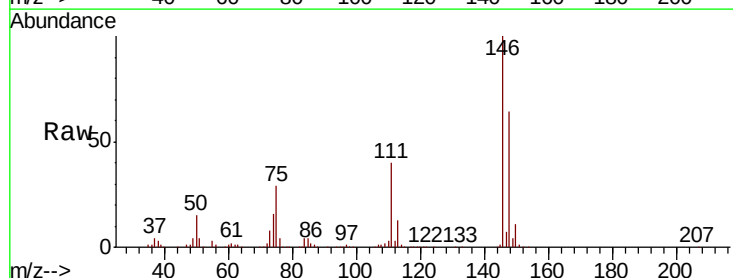
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 23.714 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
111	39.7	35.1	52.7

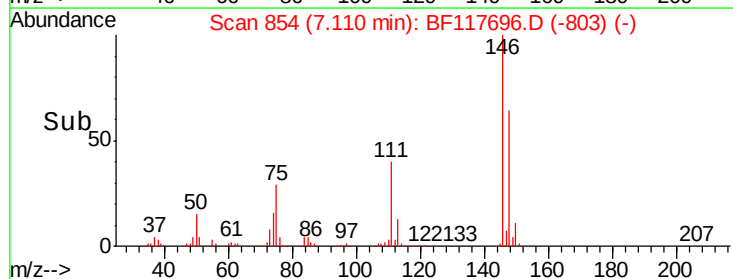
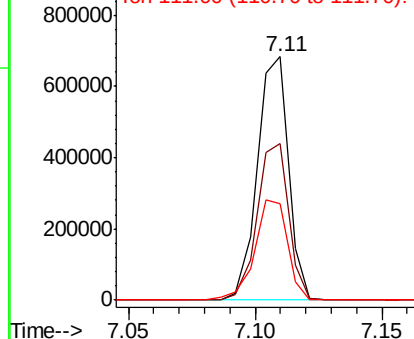


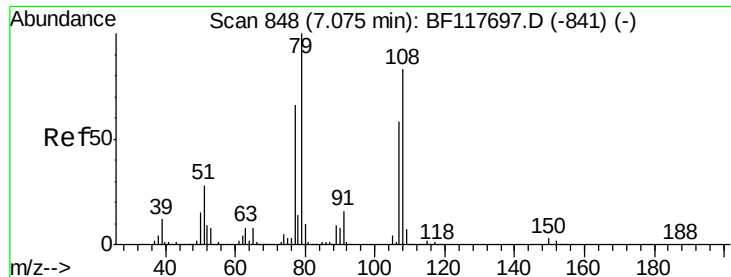
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





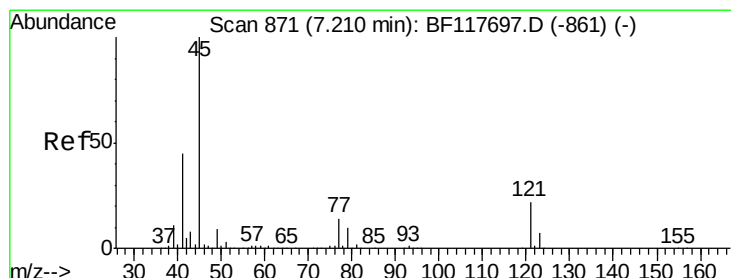
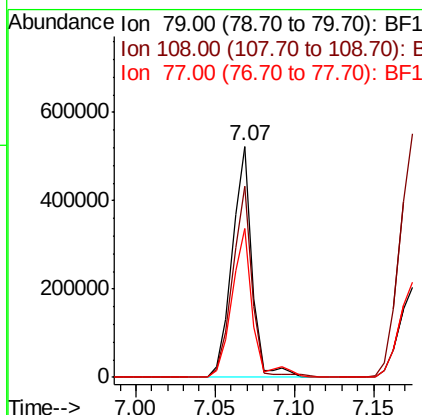
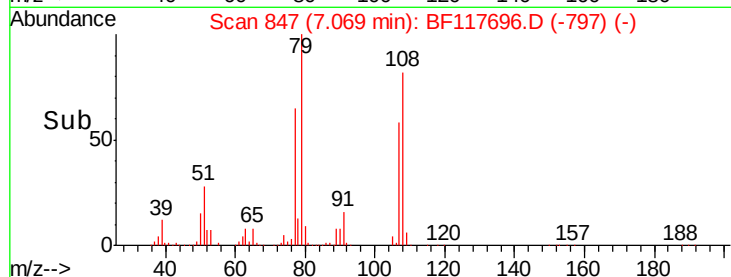
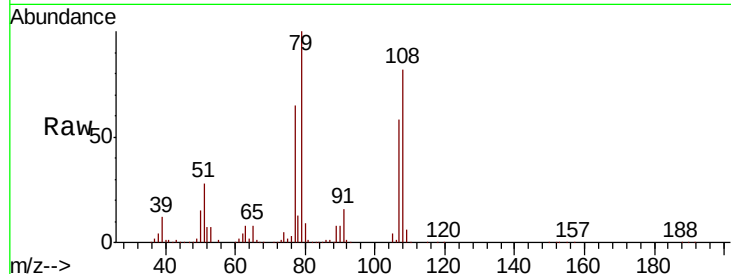
#15
Benzyl Alcohol
Concen: 22.133 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	82.5	66.5	99.7		
77	64.7	52.9	79.3		

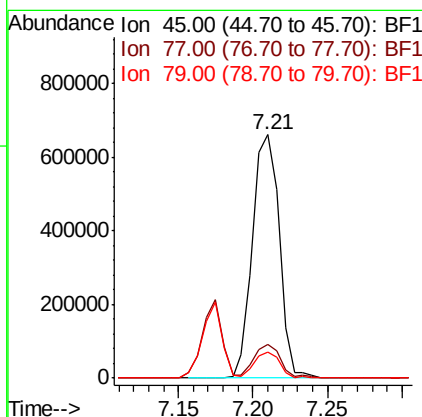
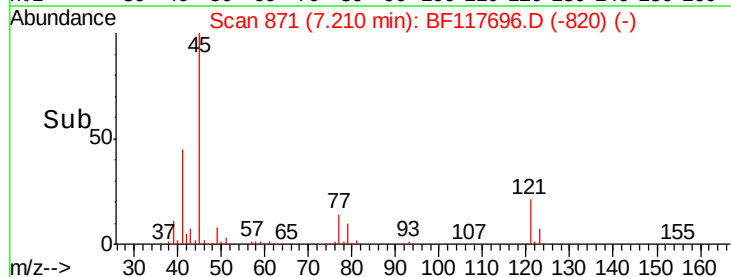
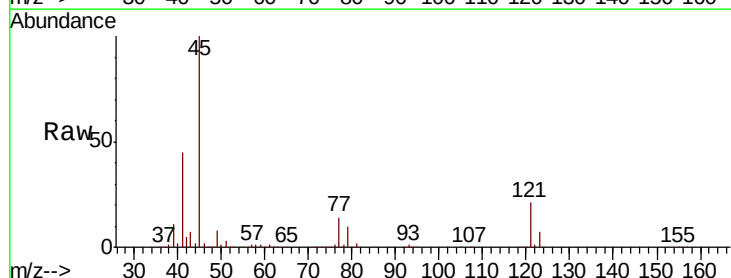
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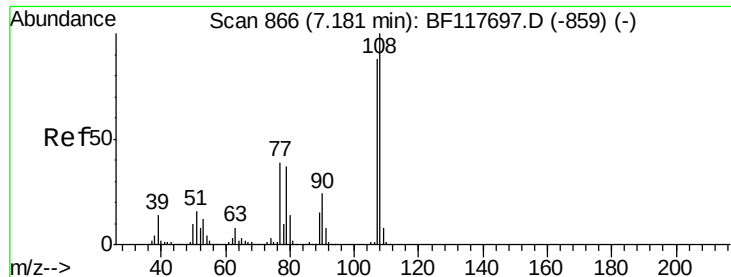
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 22.227 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	13.7	0.0	33.8		
79	10.5	0.0	30.5		





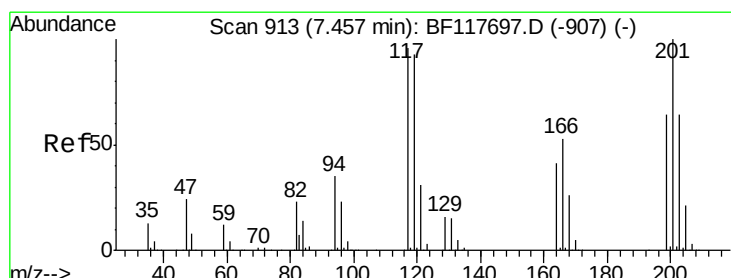
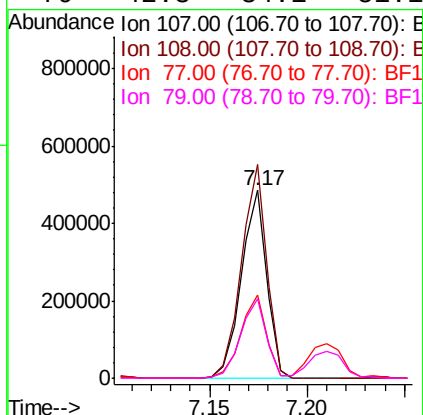
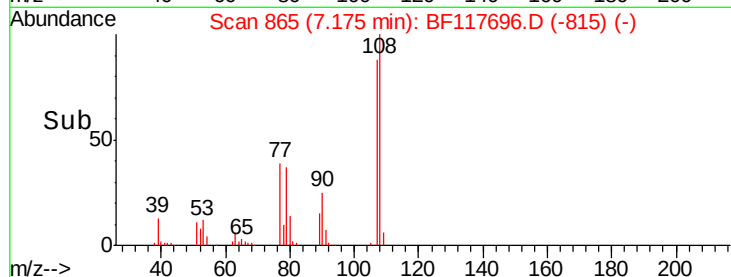
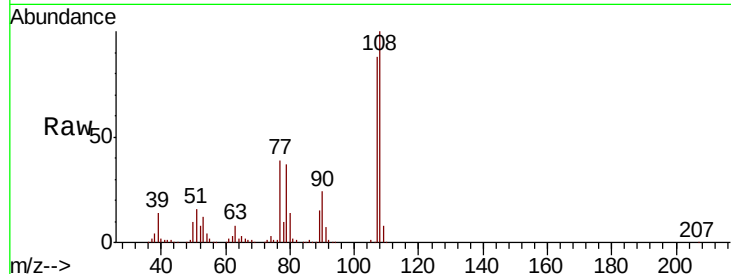
#17
2-Methylphenol
Concen: 21.629 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	91.1	136.7	
77	44.1	35.8	53.8	
79	42.3	34.1	51.1	

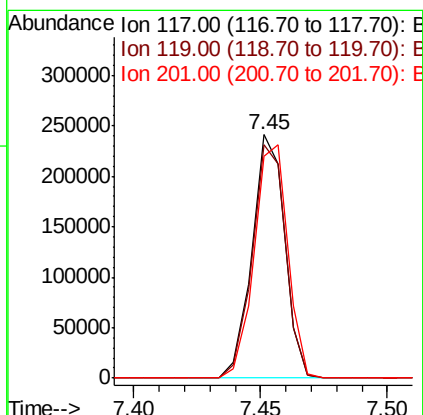
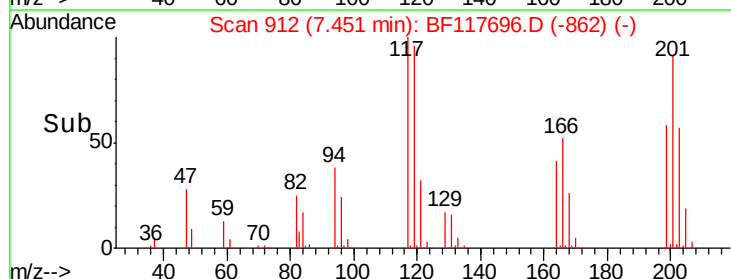
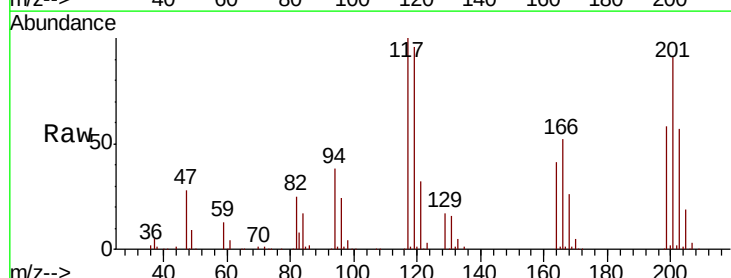
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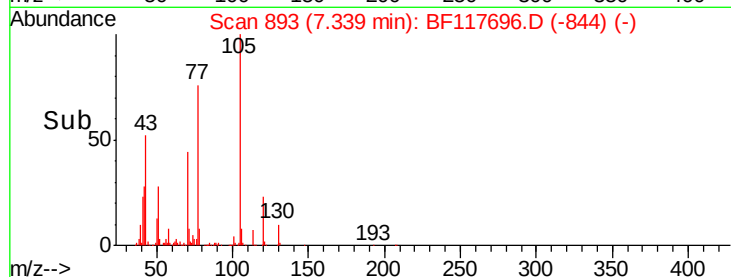
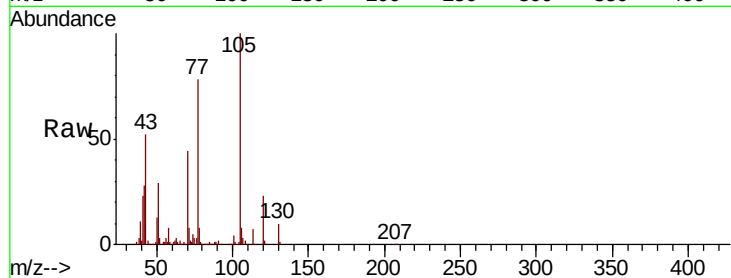
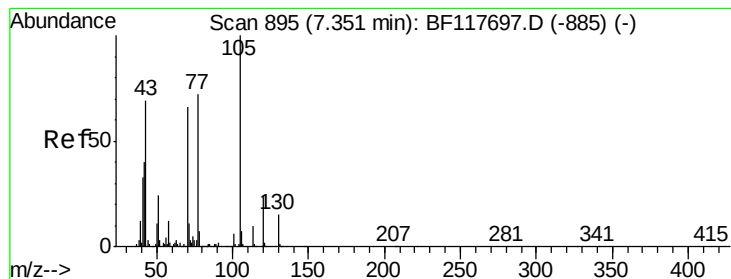
Sohil
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#18
Hexachloroethane
Concen: 21.667 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	77.7	116.5	
201	90.9	83.2	124.8	





#19

n-Nitroso-di-n-propylamine

Concen: 21.975 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Instrument :

BNA_F

ClientSampled :

SSTDIC020

Tot Ion: 70 Resp: 376665

Ion Ratio Lower Upper

70 100

42 64.2 49.1 73.7

101 9.8 7.8 11.8

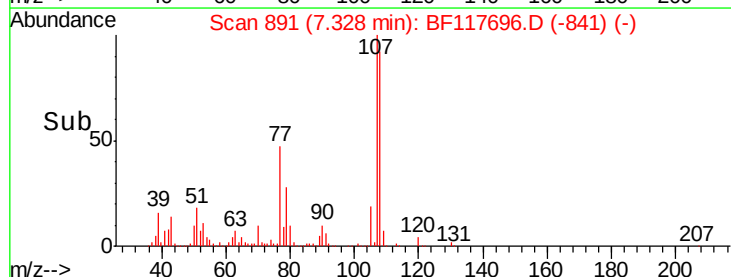
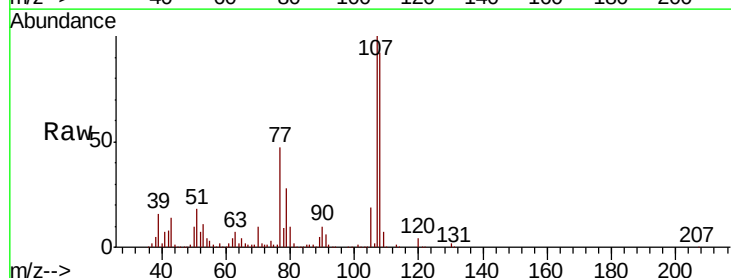
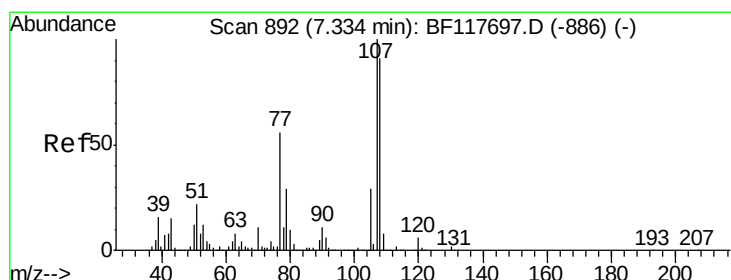
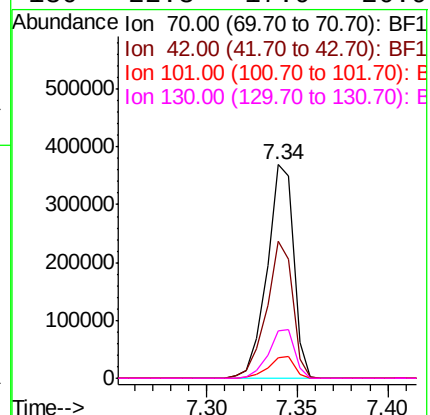
130 22.3 17.9 26.9

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11/8/2019 3:30:29 PM



#20

3+4-Methylphenols

Concen: 23.693 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Tgt Ion: 107 Resp: 564649

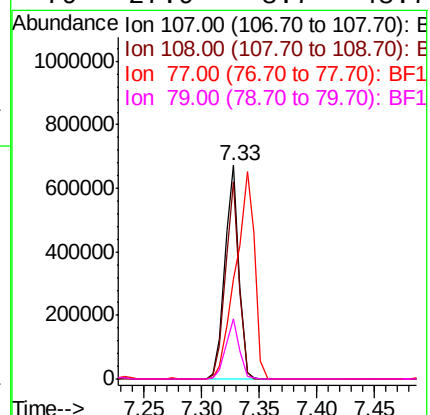
Ion Ratio Lower Upper

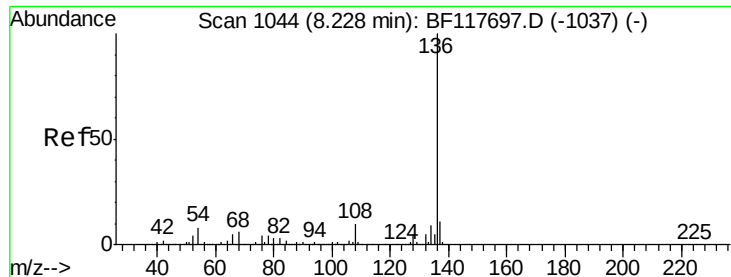
107 100

108 92.4 70.5 110.5

77 46.7 35.6 75.6

79 27.9 8.7 48.7





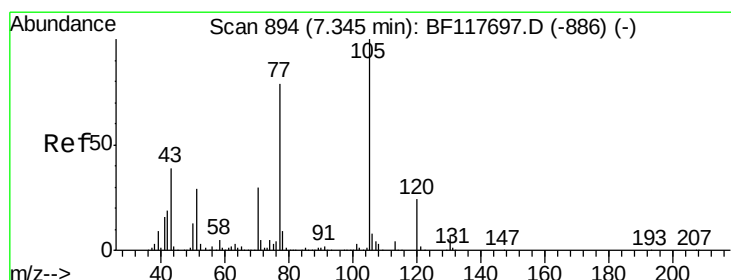
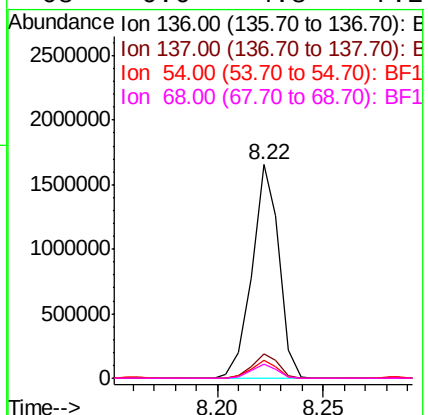
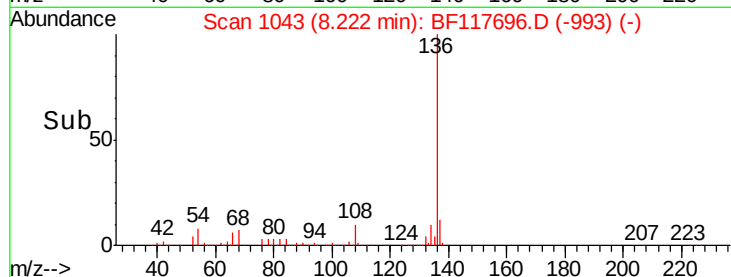
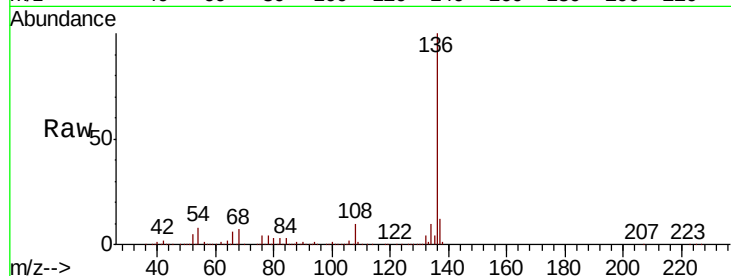
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	136	Resp	1465805
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.4	6.0	9.0
68	6.6	4.8	7.2

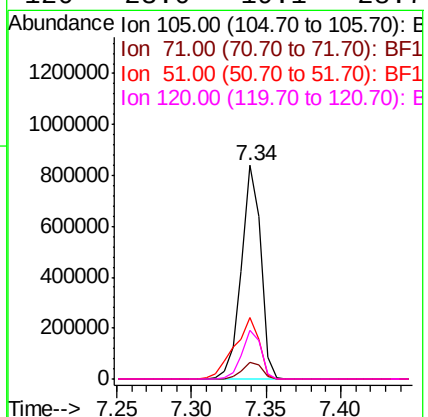
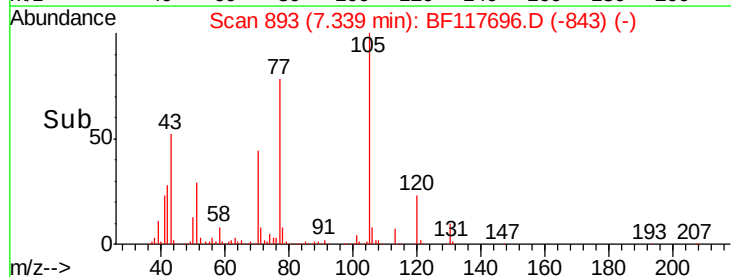
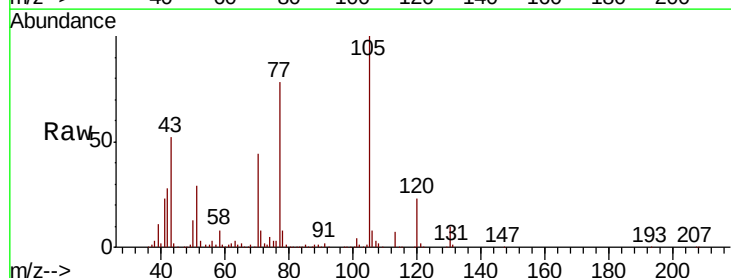
Manual Integrations
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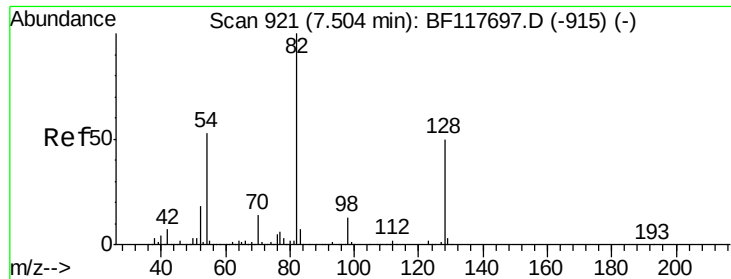
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#22
Acetophenone
Concen: 23.022 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	105	Resp	760050
Ion	Ratio	Lower	Upper
105	100		
71	7.6	3.9	5.9#
51	28.6	23.0	34.4
120	23.0	19.1	28.7





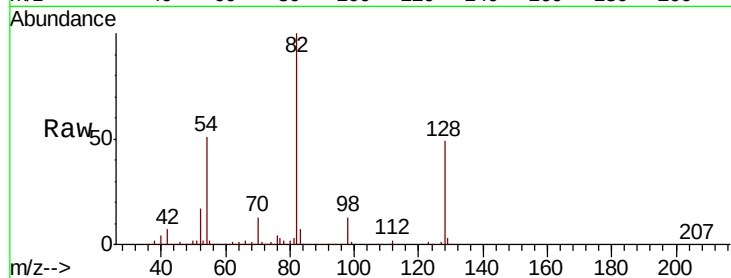
#23
Nitrobenzene-d5
Concen: 45.176 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	40.2	60.2
54	50.7	42.0	63.0

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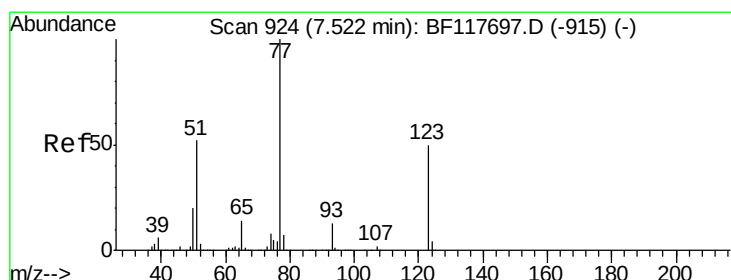
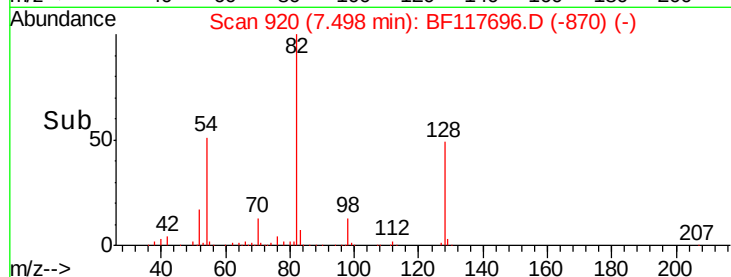
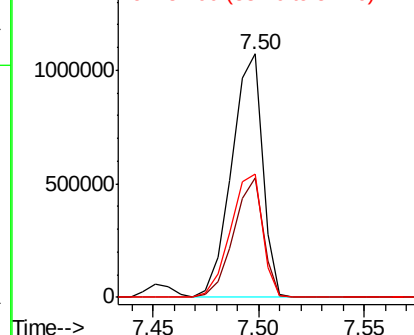


Abundance

Ion 82.00 (81.70 to 82.70): BF1

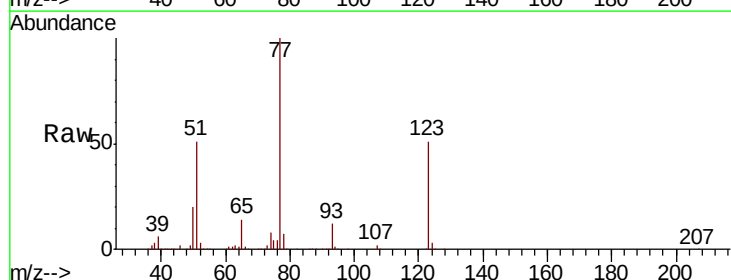
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 22.877 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	40.4	60.6
65	13.6	10.8	16.2

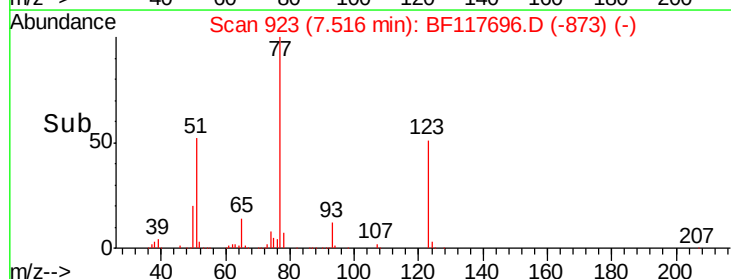
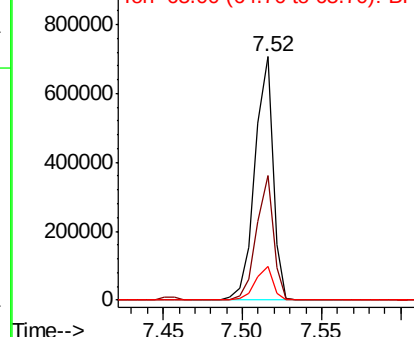


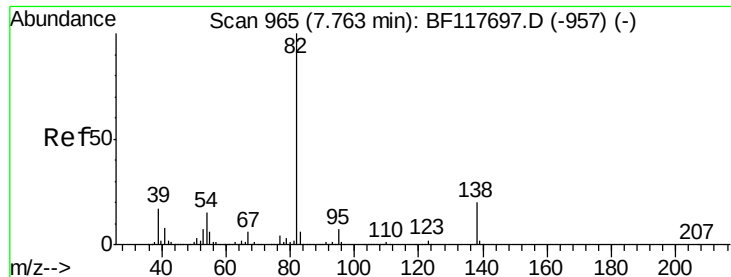
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 22.045 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion: 82 Resp: 1005561

Ion Ratio Lower Upper

82 100

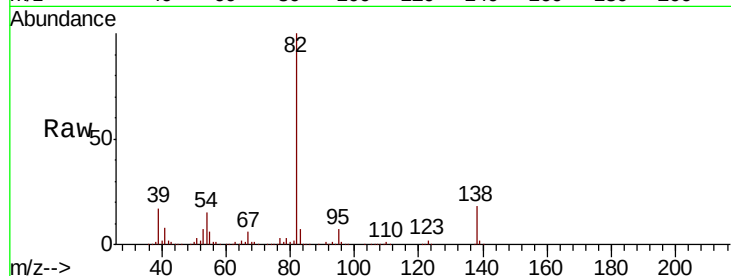
95 6.8 5.8 8.6

138 17.7 16.2 24.2

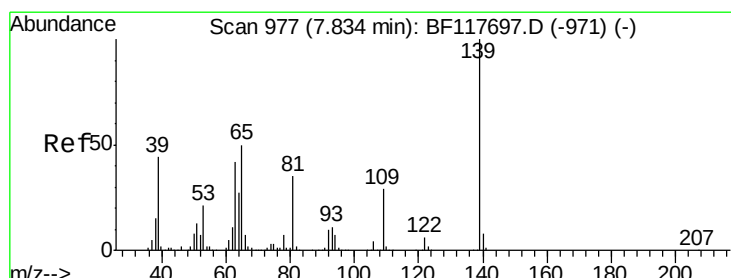
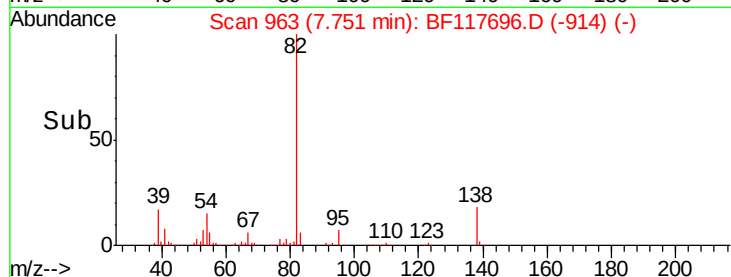
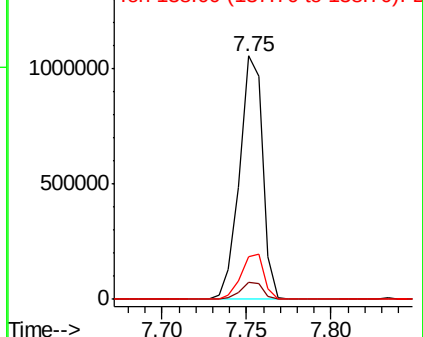
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 22.024 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

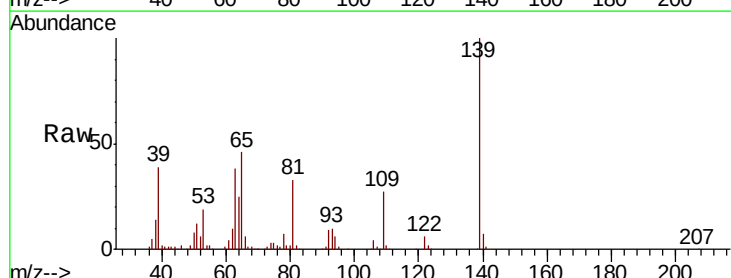
Tgt Ion: 139 Resp: 237345

Ion Ratio Lower Upper

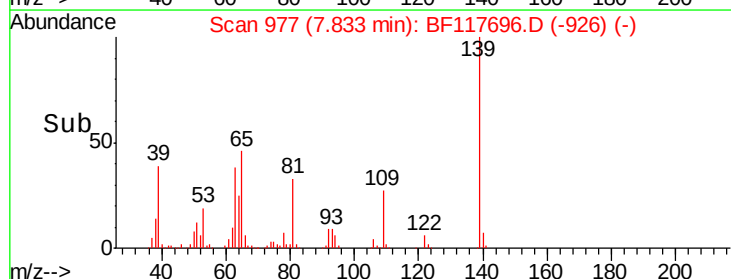
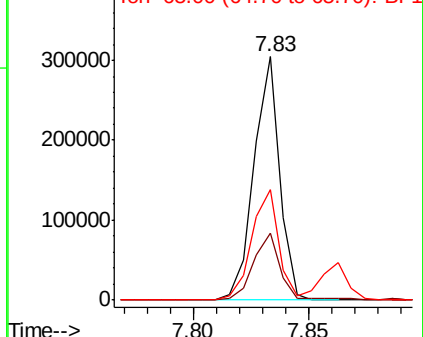
139 100

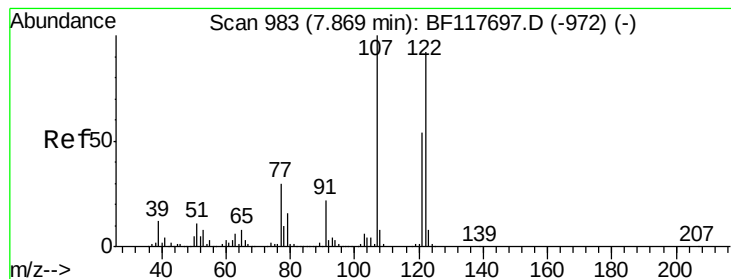
109 27.4 22.8 34.2

65 45.6 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: 22.016 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Instrument :

BNA_F

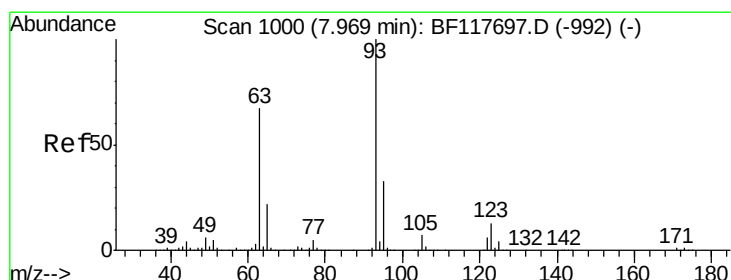
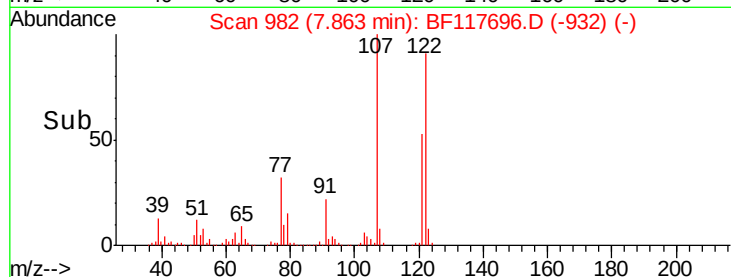
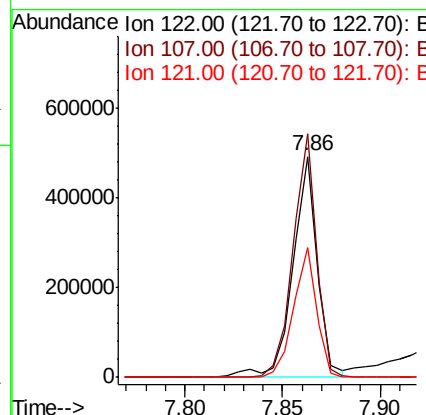
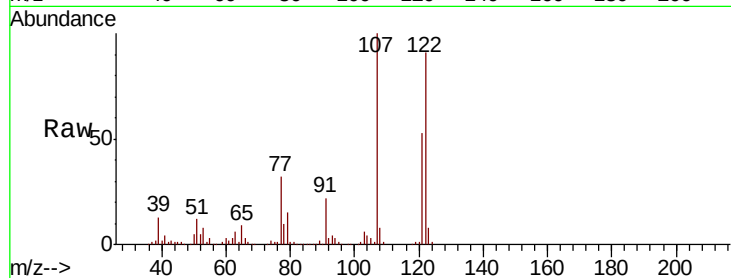
ClientSampleId :

SSTDIC020

Tot Ion:	122	Resp:	429261
Ion Ratio	Lower	Upper	
122	100		
107	110.1	87.1	130.7
121	58.7	46.9	70.3

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#28

bis(2-Chloroethoxy)methane

Concen: 23.116 ng

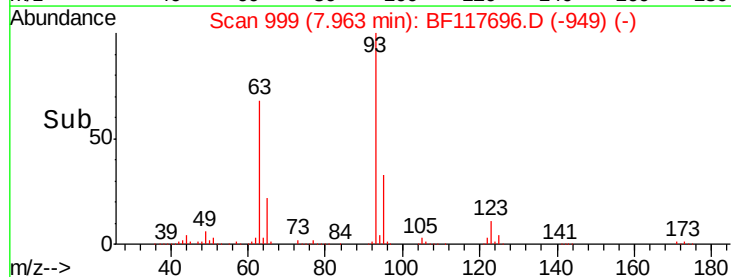
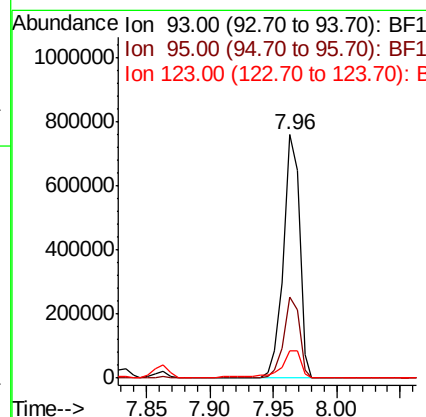
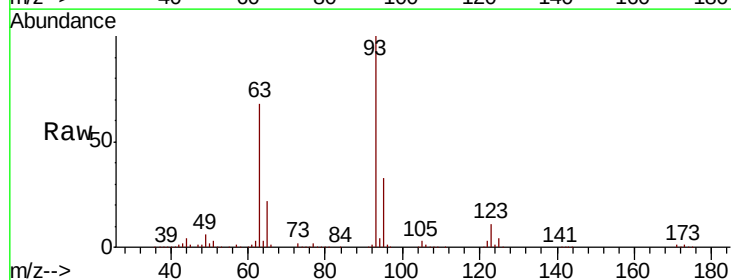
RT: 7.96 min Scan# 999

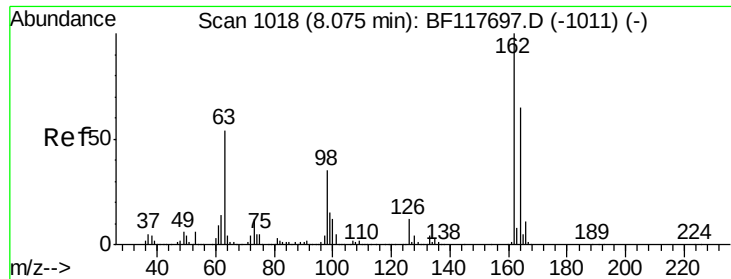
Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Tgt Ion:	93	Resp:	665771
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.8	40.2
123	11.4	10.4	15.6





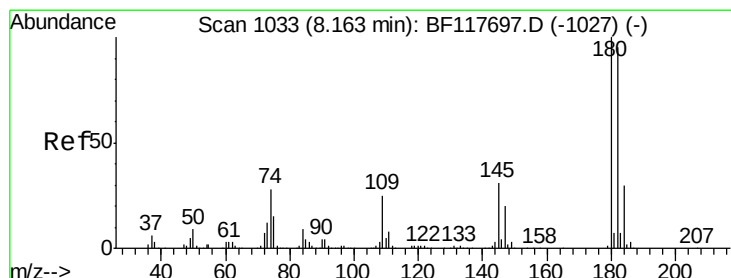
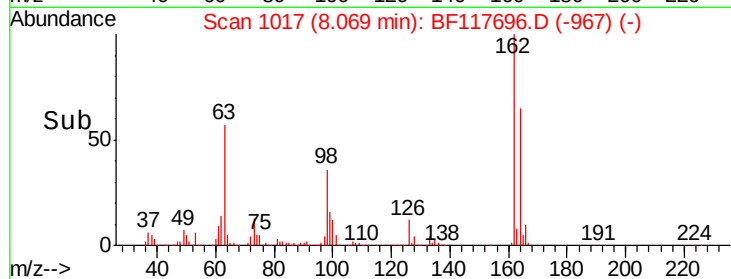
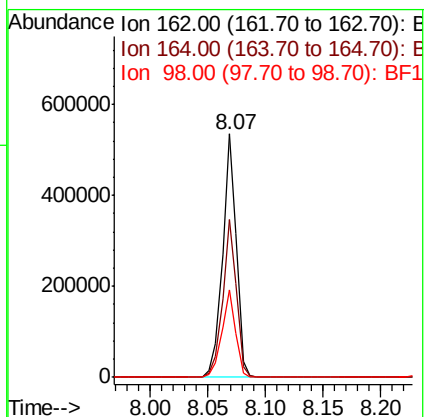
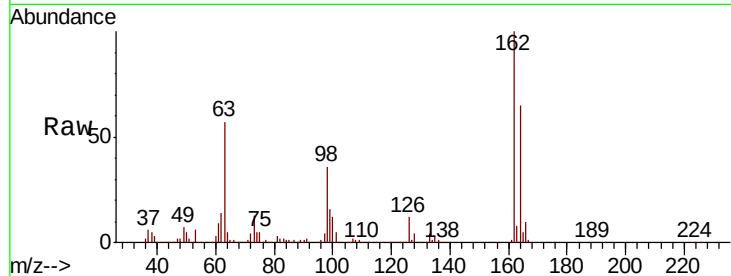
#29
2,4-Dichlorophenol
Concen: 22.680 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	445289		
164	64.8	45.4	85.4	
98	36.1	15.5	55.5	

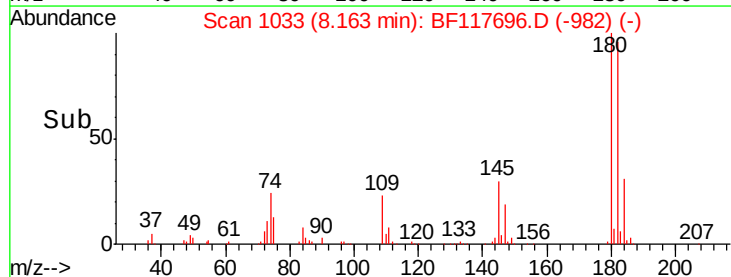
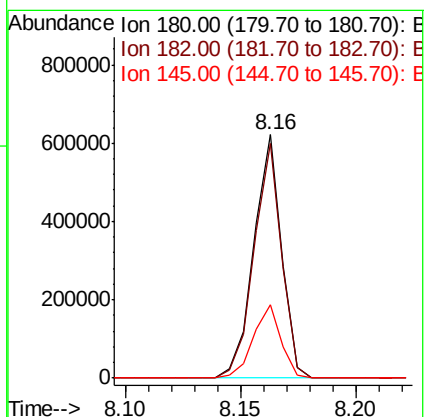
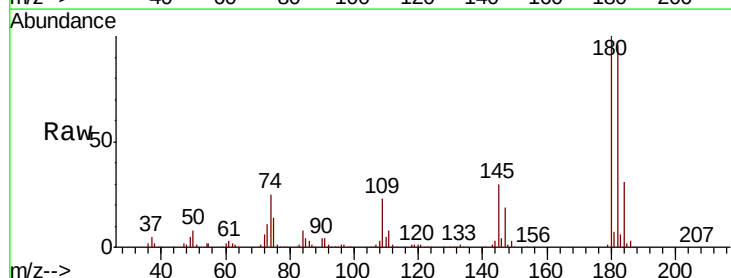
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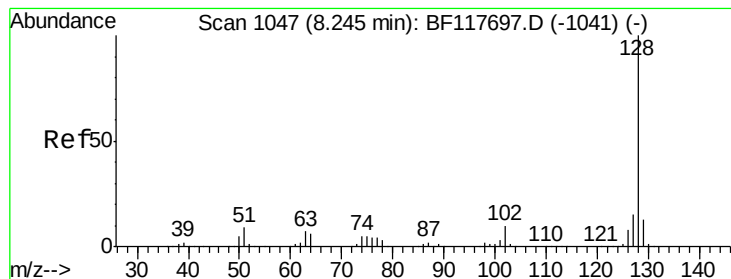
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#30
1,2,4-Trichlorobenzene
Concen: 23.165 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	521283		
182	96.3	76.0	114.0	
145	29.9	25.0	37.4	





#31

Naphthalene

Concen: 24.580 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:128 Resp: 1566485

Ion Ratio Lower Upper

128 100

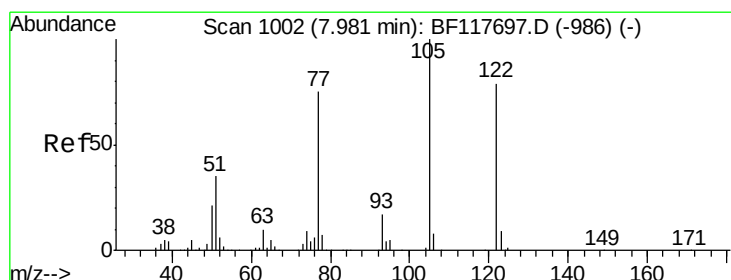
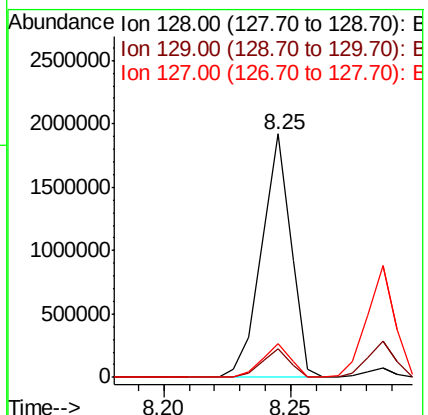
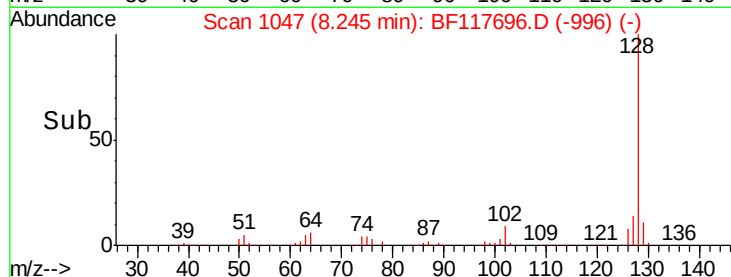
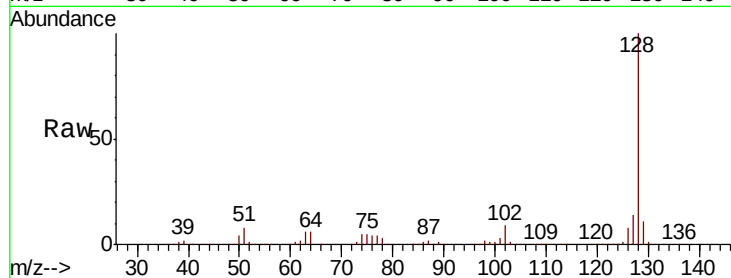
129 11.5 10.1 15.1

127 13.8 11.8 17.6

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#32

Benzoic acid

Concen: 20.504 ng m

RT: 7.95 min Scan# 997

Delta R.T. -0.03 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

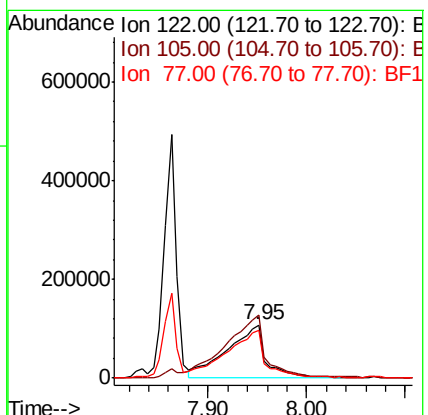
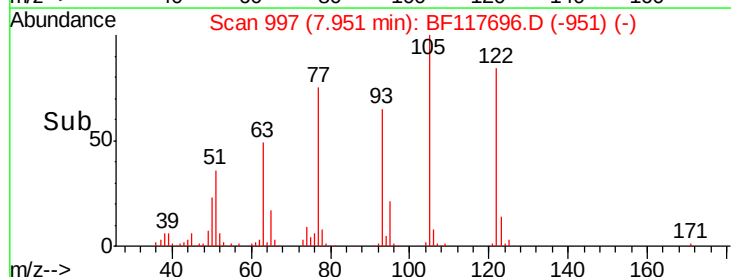
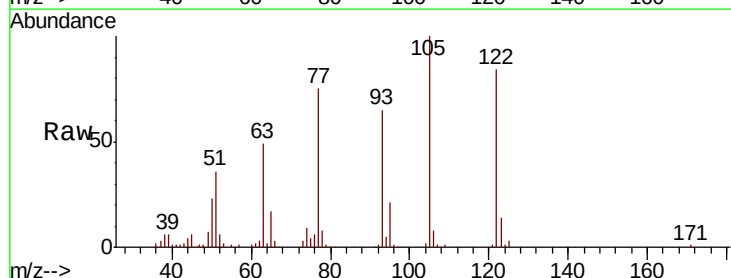
Tgt Ion:122 Resp: 297962

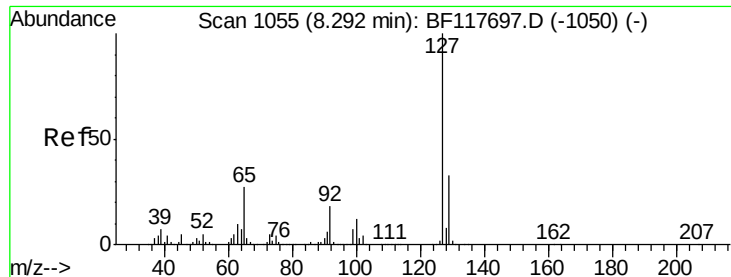
Ion Ratio Lower Upper

122 100

105 119.1 102.8 142.8

77 89.8 73.2 113.2





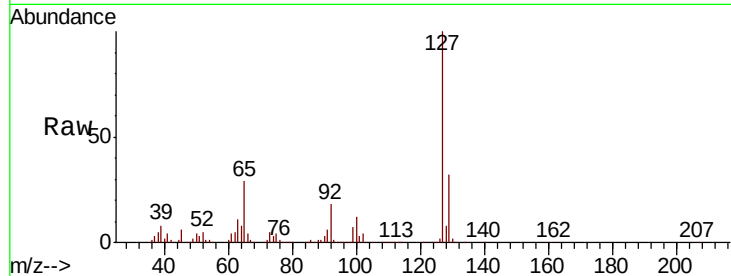
#33
 4-Chloroaniline
 Concen: 22.548 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

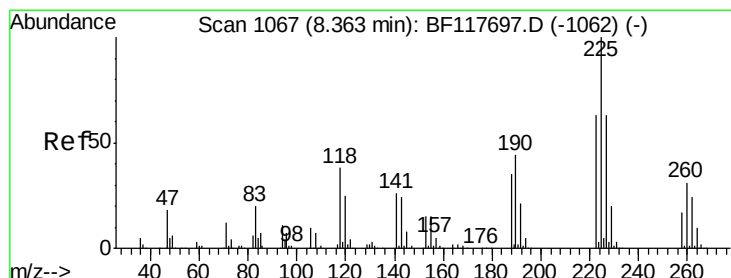
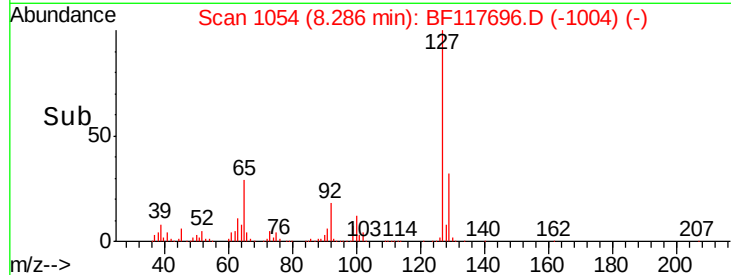
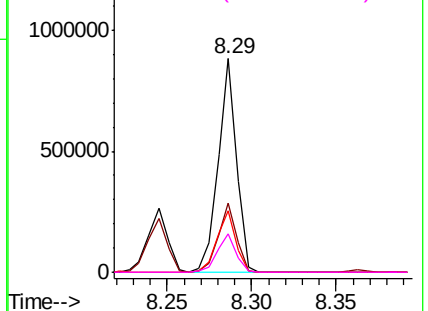
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	28.9	21.7	32.5
92	18.0	14.1	21.1

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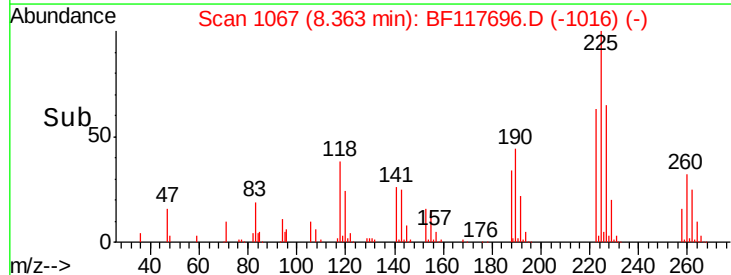
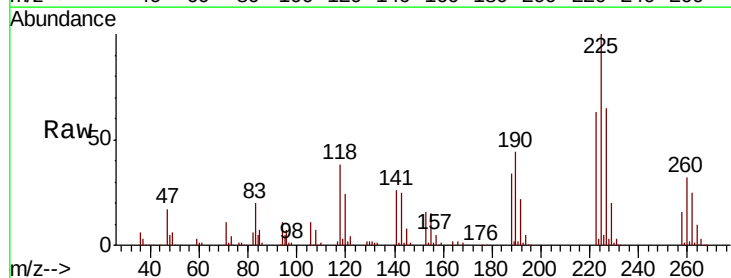
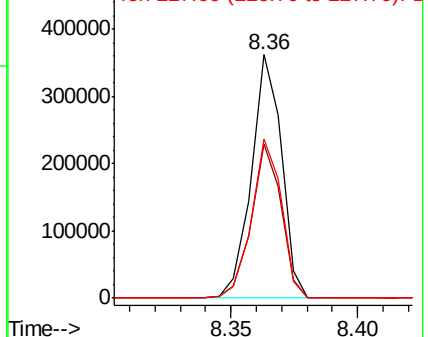
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

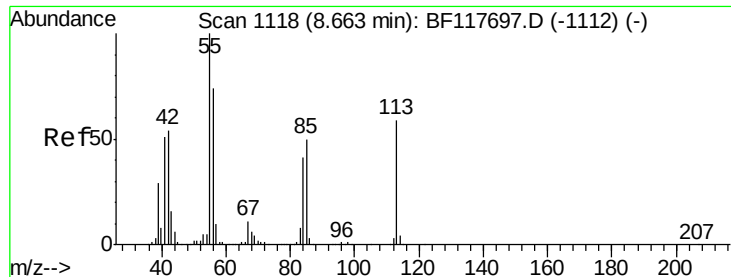


#34
 Hexachlorobutadiene
 Concen: 23.330 ng
 RT: 8.36 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.1	75.1
227	65.1	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: 21.437 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.02 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Instrument :

BNA_F

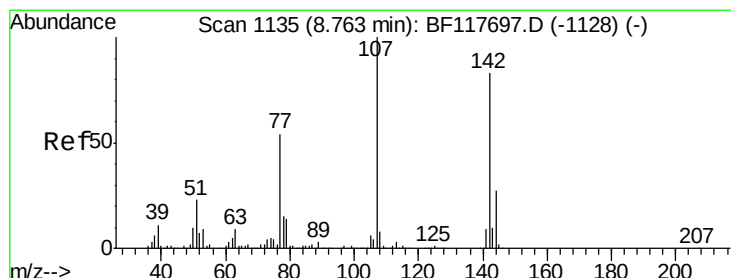
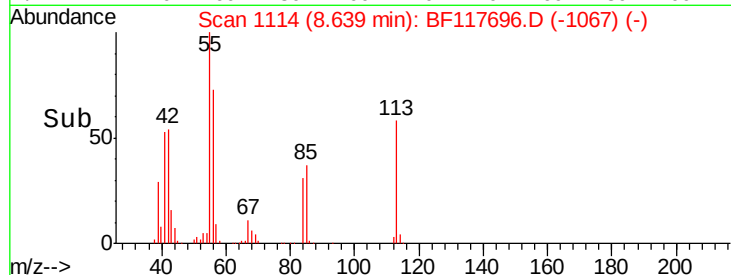
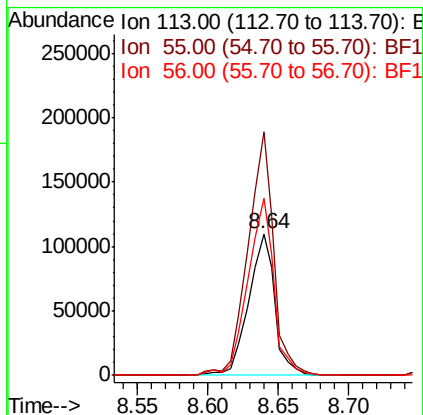
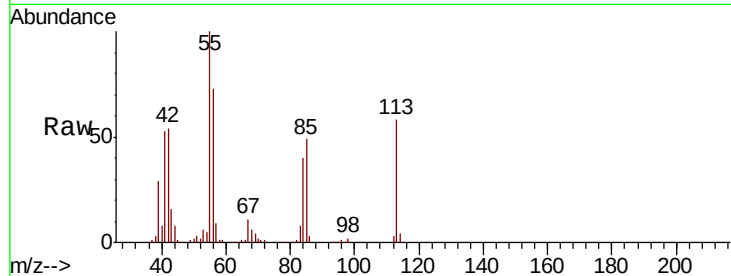
ClientSampled :

SSTDIC020

Tot Ion:	113	Resp:	142287
Ion Ratio	Lower	Upper	
113	100		
55	172.4	150.5	190.5
56	125.7	106.2	146.2

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 22.508 ng

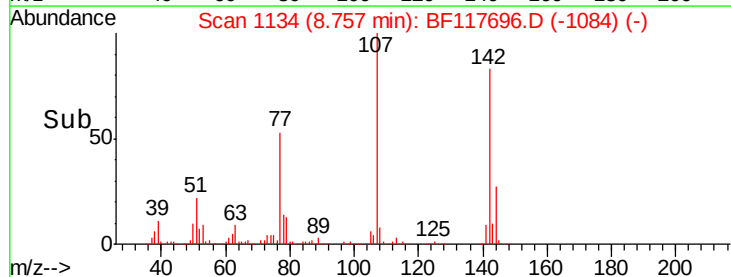
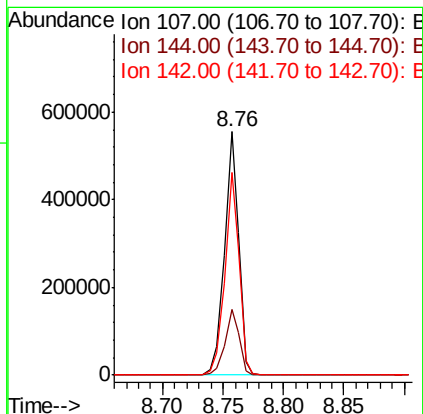
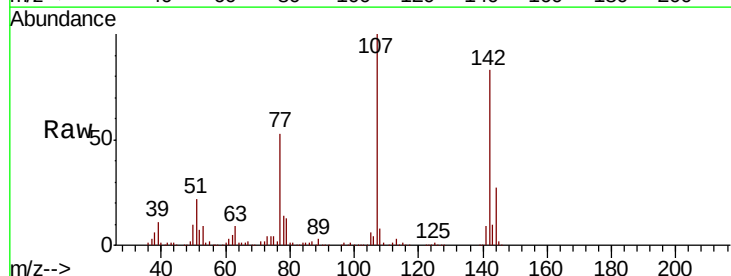
RT: 8.76 min Scan# 1134

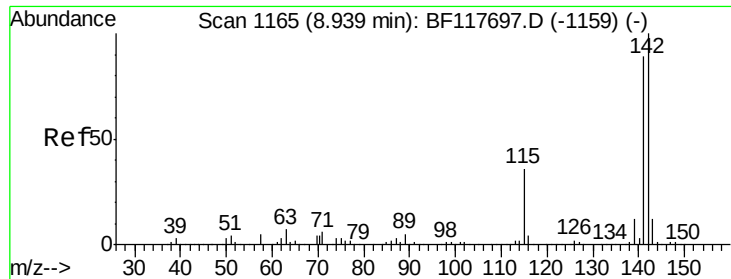
Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Tgt Ion:	107	Resp:	449735
Ion Ratio	Lower	Upper	
107	100		
144	27.0	21.5	32.3
142	83.0	66.7	100.1





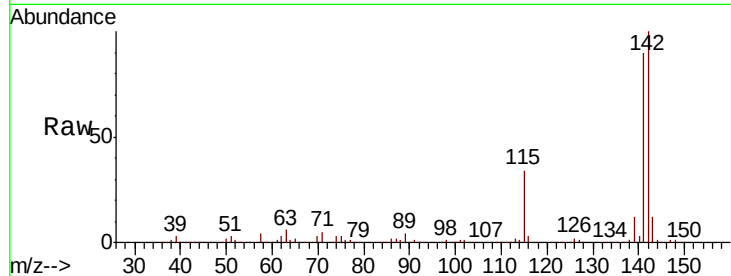
#37
2-Methylnaphthalene
Concen: 24.261 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.5	107.3
115	33.7	28.9	43.3

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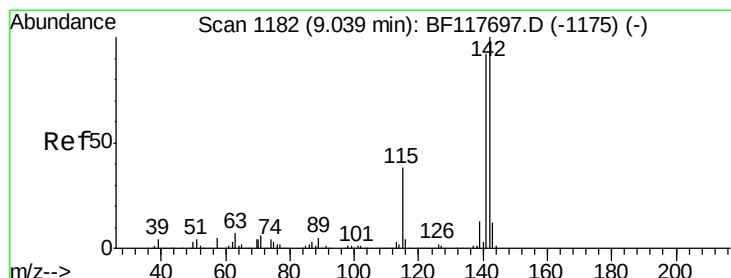
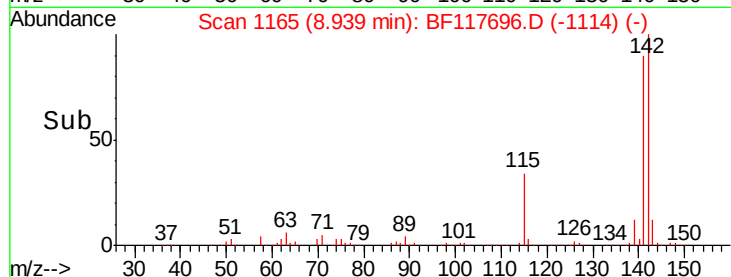
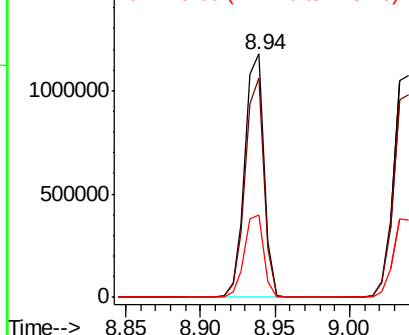


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 24.483 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

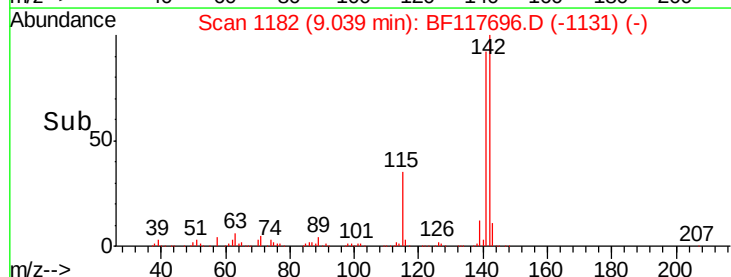
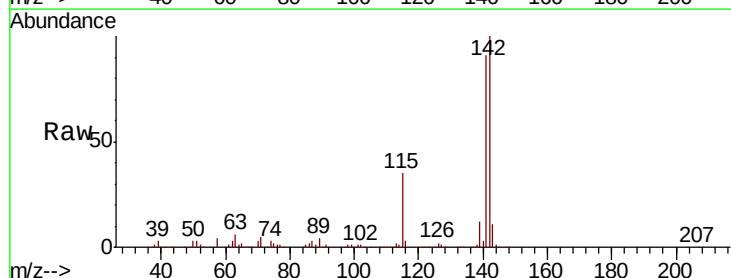
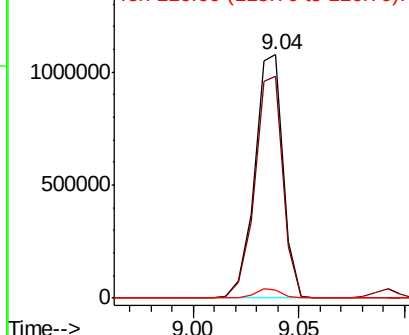
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.3	109.9
116	3.4	3.2	4.8

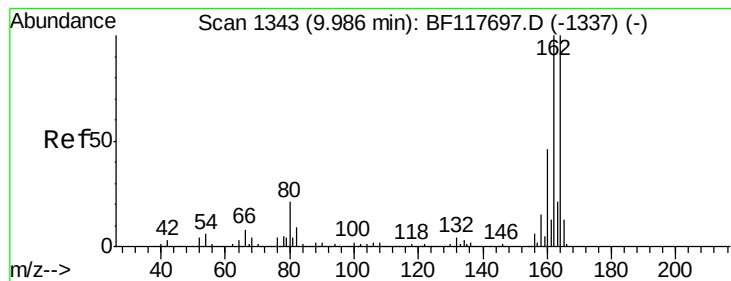
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Instrument :

BNA_F

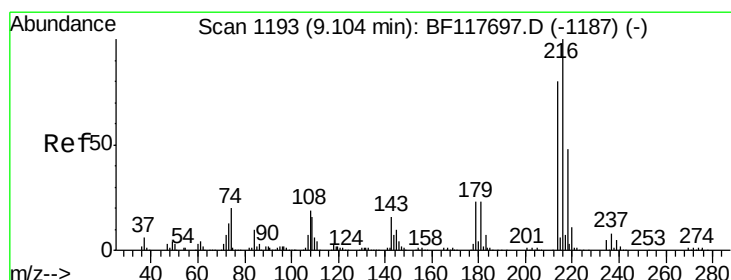
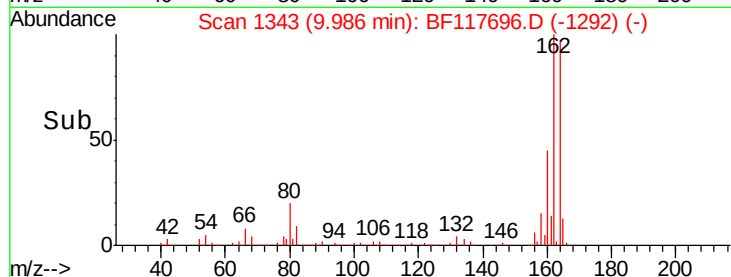
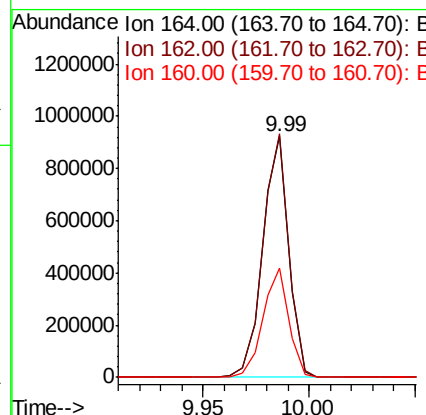
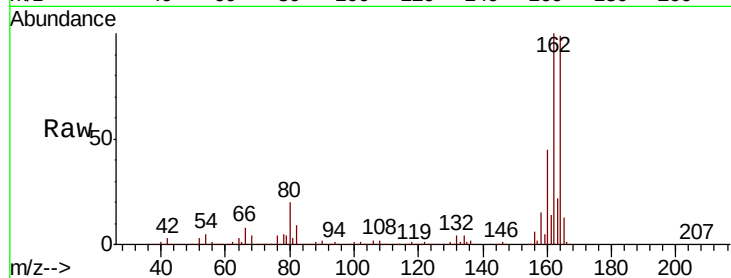
ClientSampleId :

SSTDIC020

Tot Ion:	164	Resp:	788903
Ion Ratio	Lower	Upper	
164	100		
162	101.1	79.7	119.5
160	45.3	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 23.094 ng

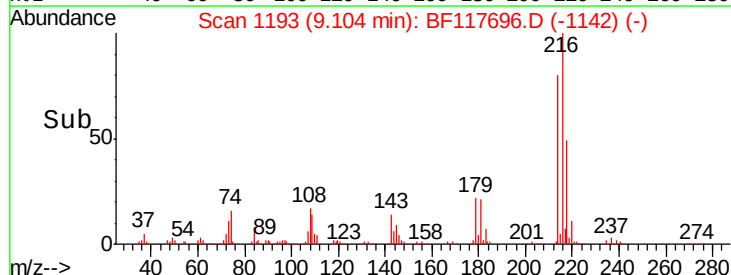
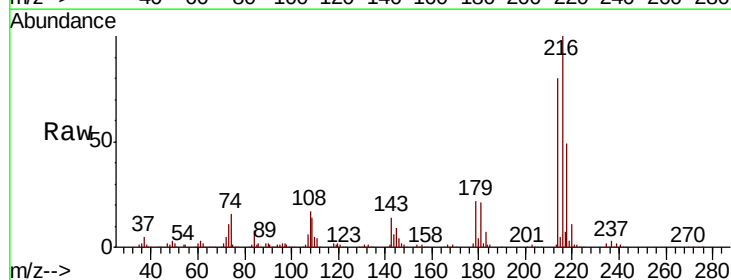
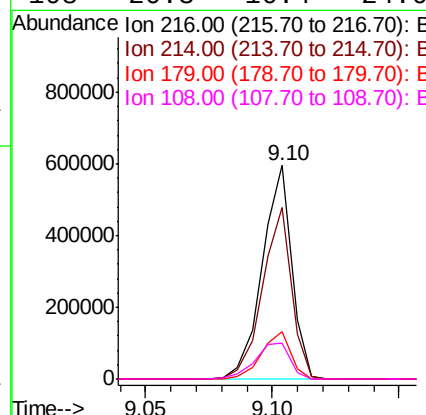
RT: 9.10 min Scan# 1193

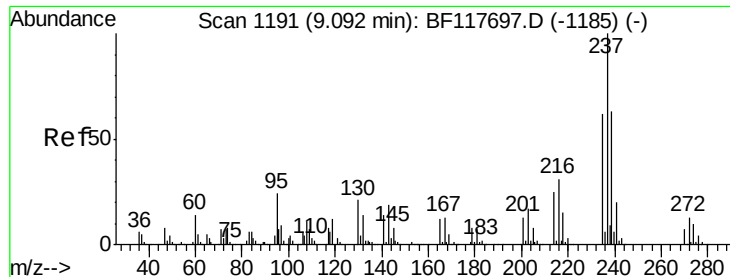
Delta R.T. -0.00 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Tgt Ion:	216	Resp:	482737
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.6	95.4
179	22.1	18.1	27.1
108	20.3	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 21.034 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Instrument :

BNA_F

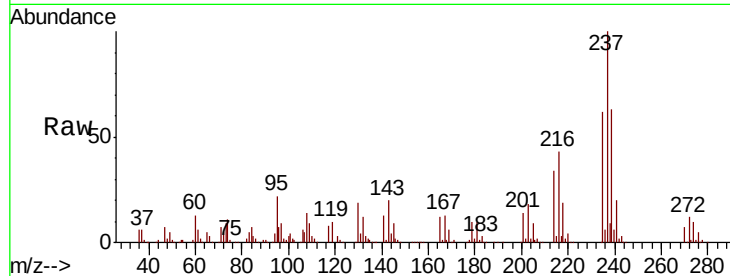
ClientSampleId :

SSTDIC020

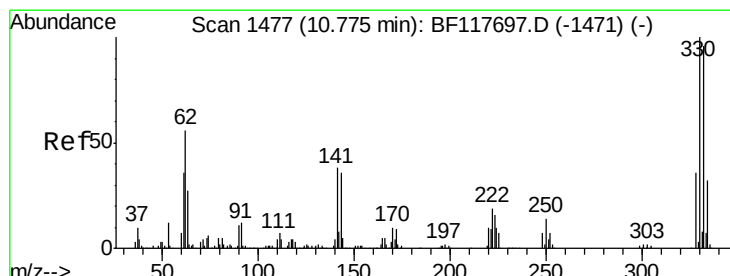
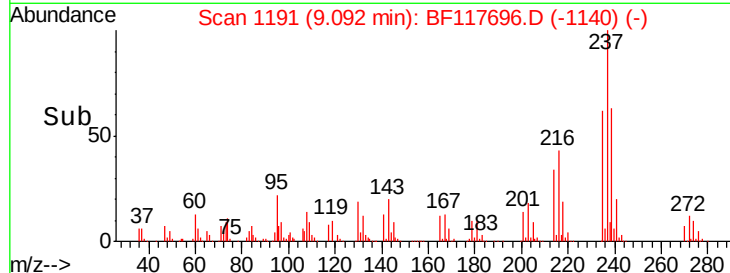
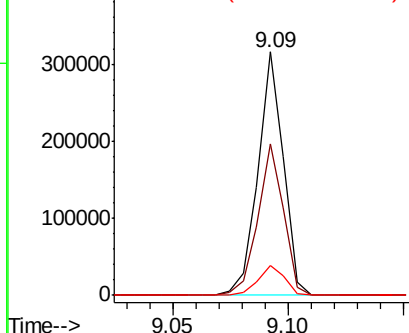
Tot Ion:	237	Resp:	242749
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.2	82.2
272	12.3	0.0	32.8

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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: 44.743 ng

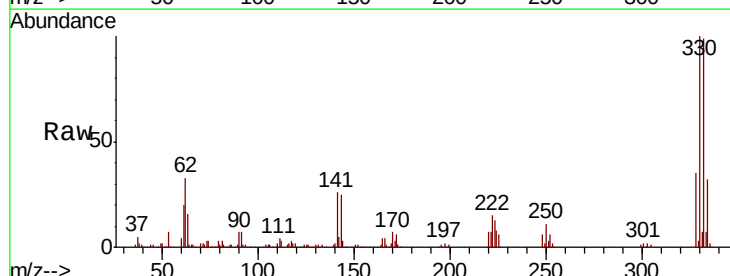
RT: 10.77 min Scan# 1477

Delta R.T. -0.00 min

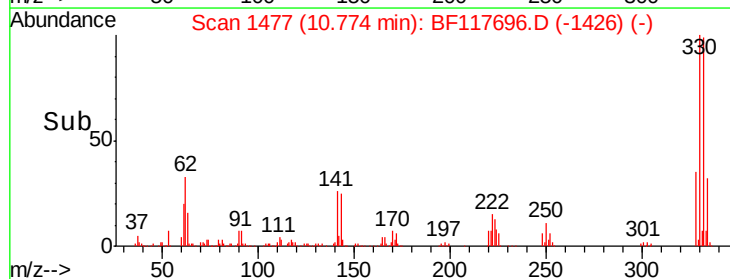
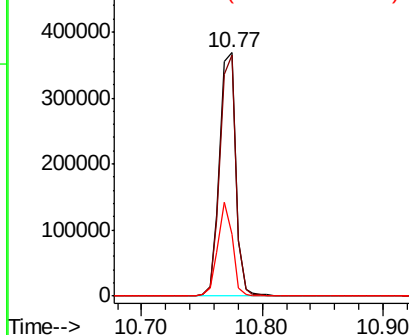
Lab File: BF117696.D

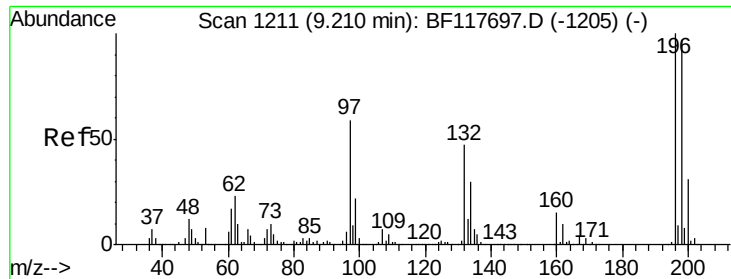
Acq: 6 Nov 2019 13:01

Tgt Ion:	330	Resp:	344003
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.0
141	34.4	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





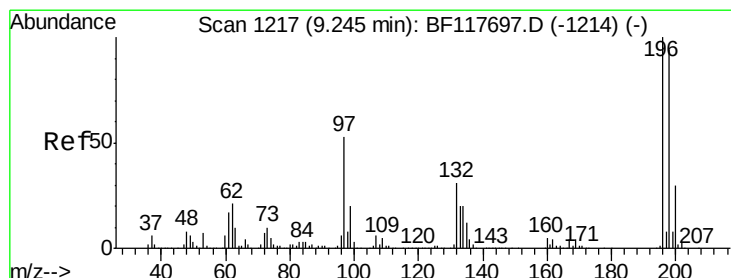
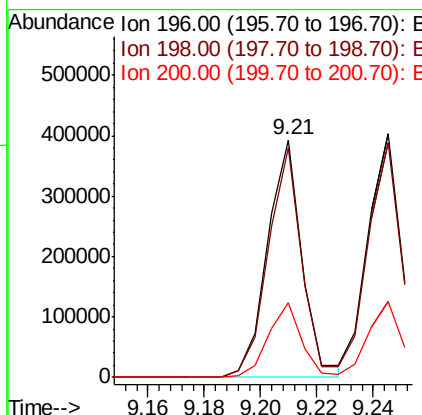
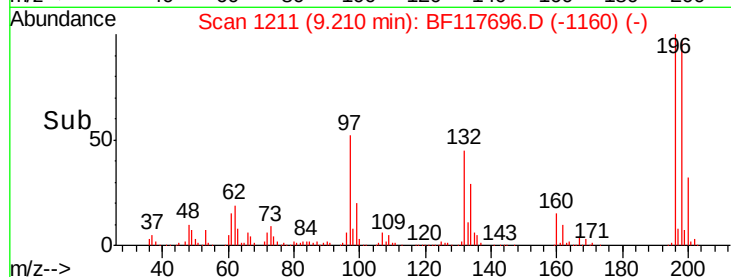
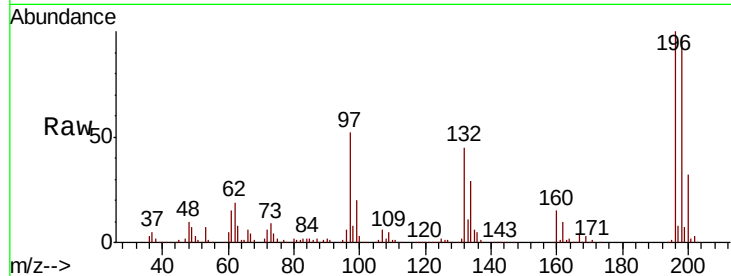
#43
 2,4,6-Trichlorophenol
 Concen: 23.151 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	333946		
198	96.7	77.8	116.6	
200	31.5	25.0	37.6	

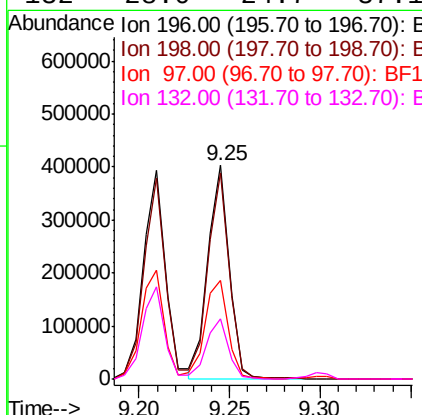
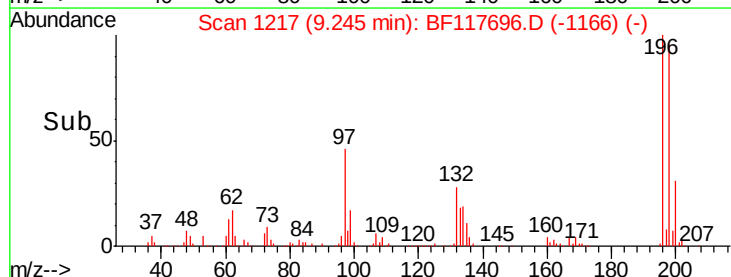
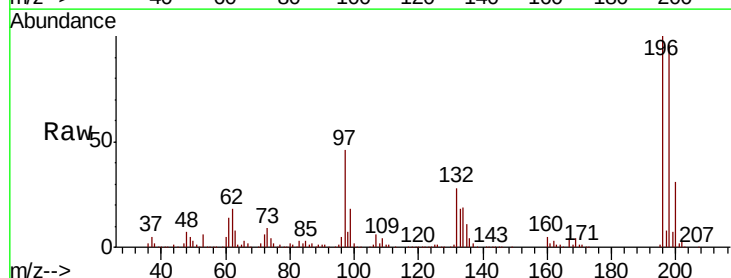
Manual Integrations
 APPROVED

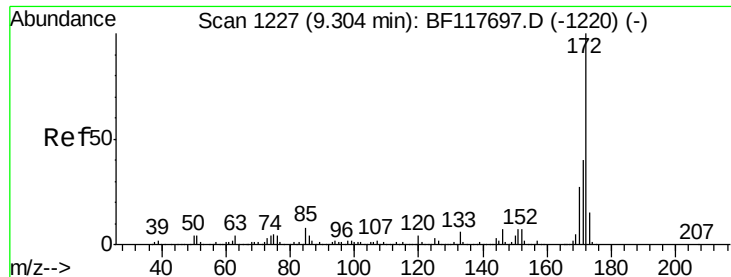
Sohil
 11/8/2019 3:30:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 22.740 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	329961		
198	96.3	75.4	113.0	
97	45.9	42.5	63.7	
132	28.0	24.7	37.1	





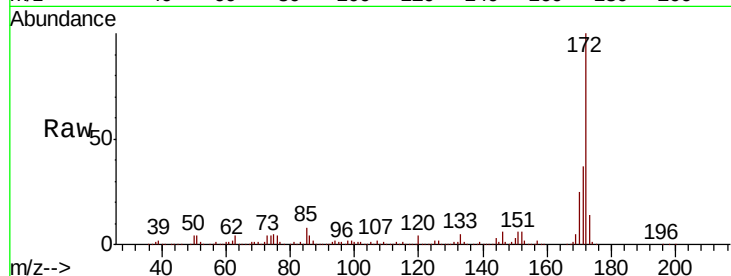
#45
2-Fluorobiphenyl
Concen: 50.821 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.8	47.8
170	25.0	21.6	32.4

Manual Integrations
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Sohil
11/8/2019 3:30:29 PM

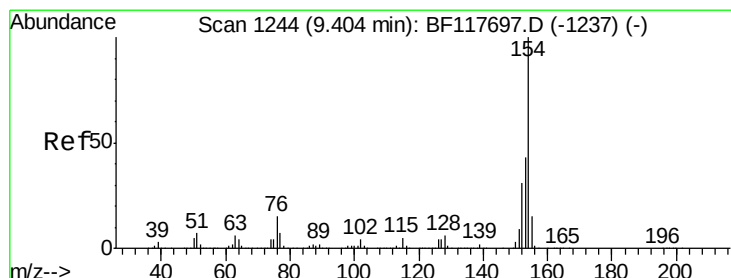
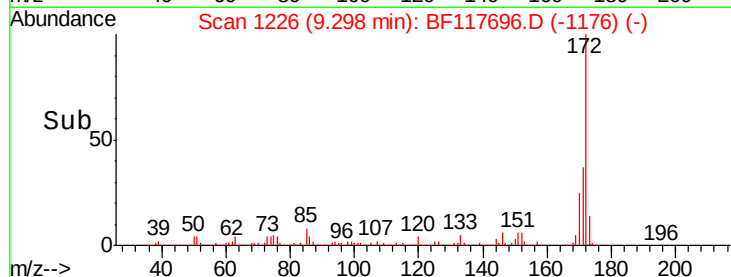
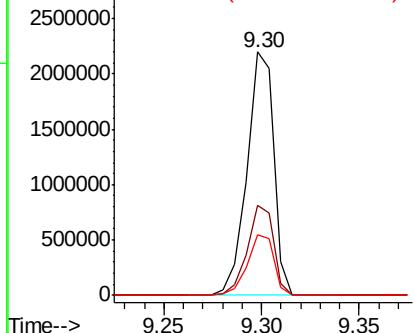


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 23.683 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

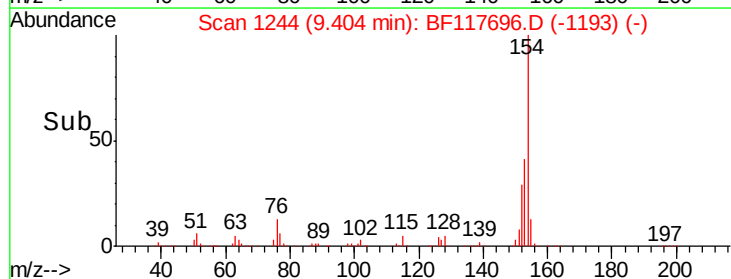
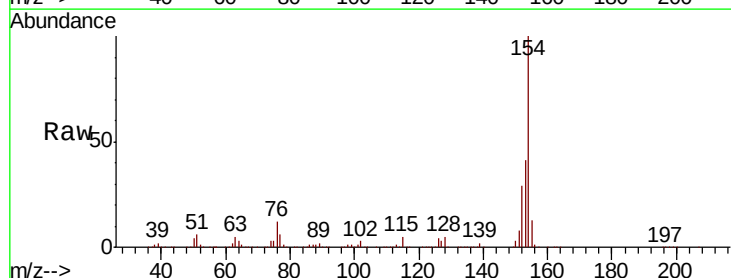
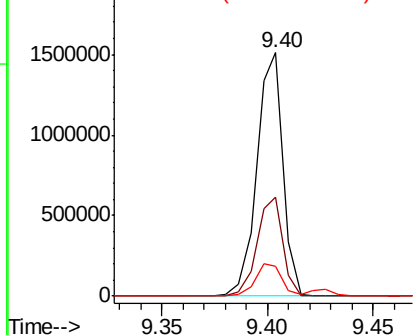
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	23.2	63.2
76	12.5	0.0	34.7

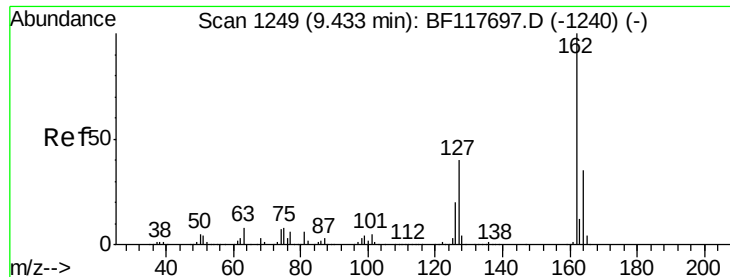
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





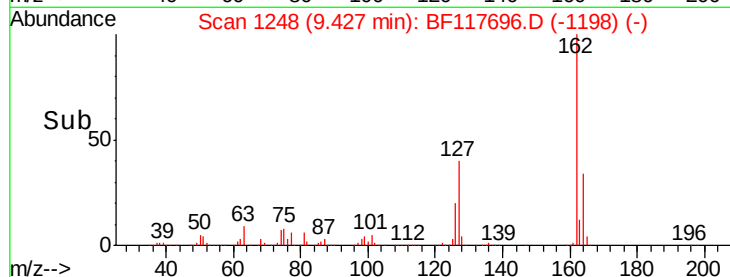
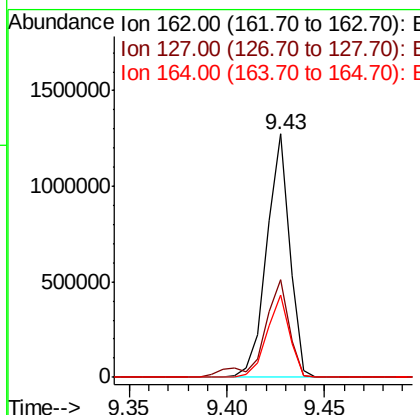
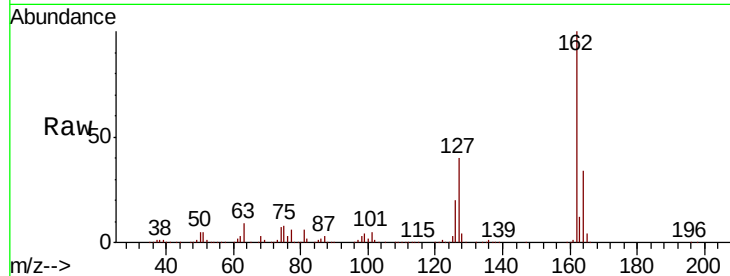
#47
 2-Chloronaphthalene
 Concen: 23.729 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.2	48.4
164	33.7	28.1	42.1

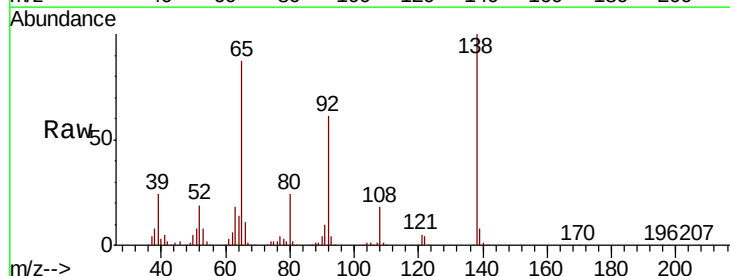
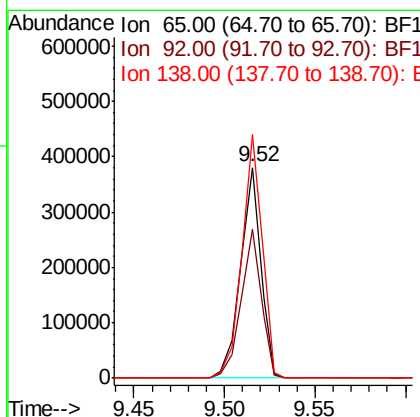
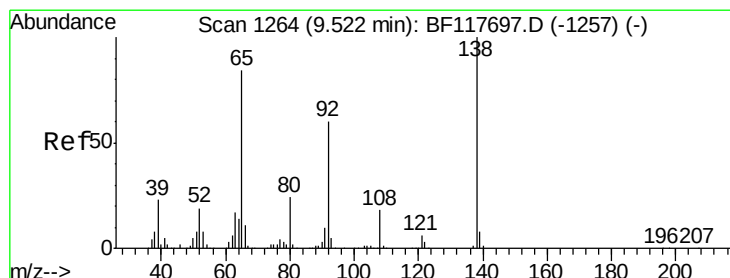
Manual Integrations
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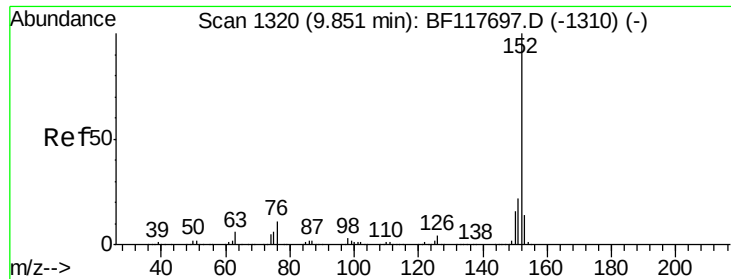
Sohil
 11/8/2019 3:30:29 PM



#48
 2-Nitroaniline
 Concen: 22.645 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	57.3	85.9
138	115.6	95.0	142.6





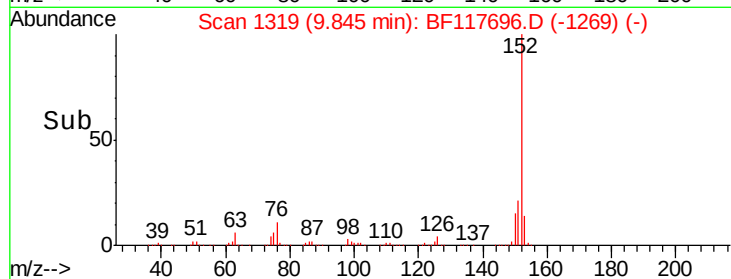
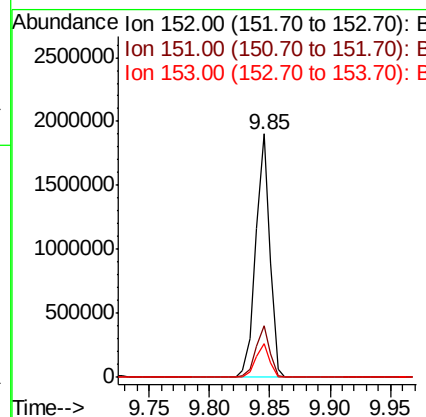
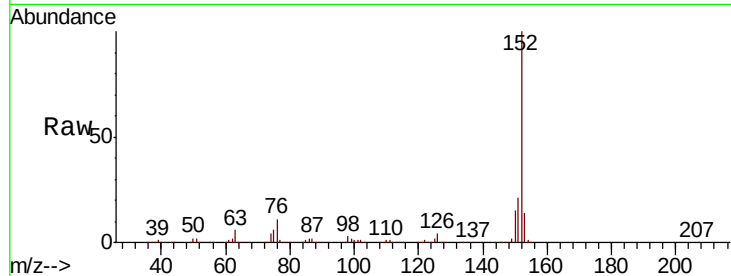
#49
Acenaphthylene
Concen: 24.155 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion:	152	Resp:	1552691
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.8	26.6
153	13.7	11.5	17.3

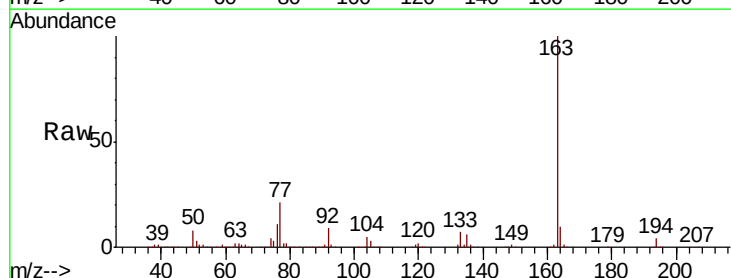
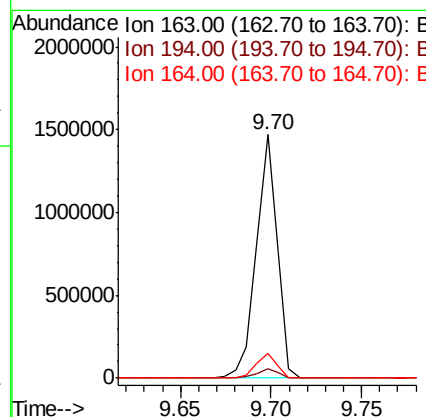
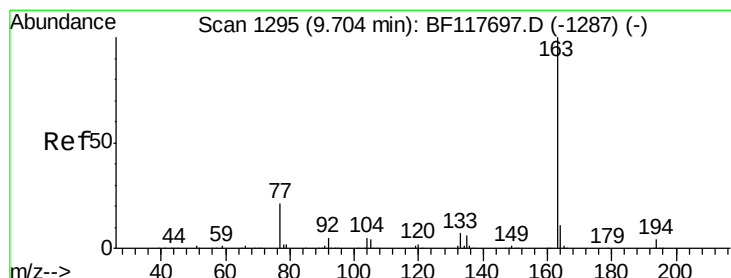
Manual Integrations
APPROVED

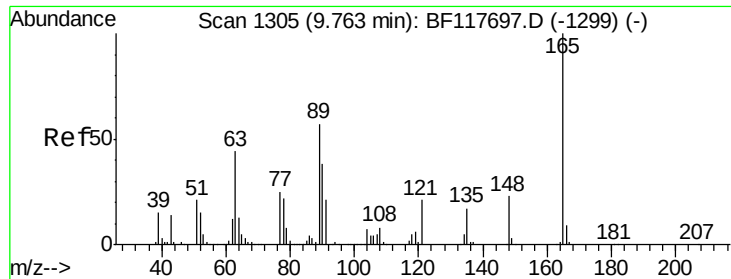
Sohil
11/8/2019 3:30:29 PM



#50
Dimethylphthalate
Concen: 23.485 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion:	163	Resp:	1177073
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.3	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 22.744 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Instrument :

BNA_F

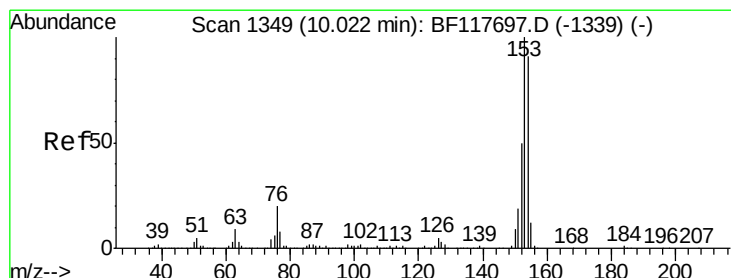
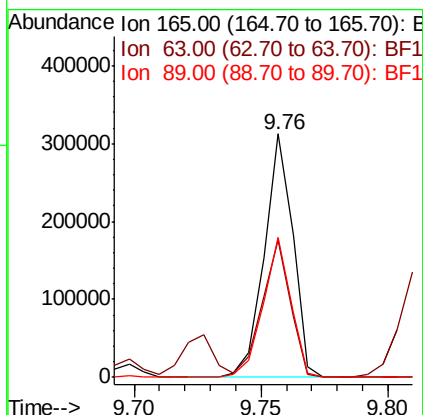
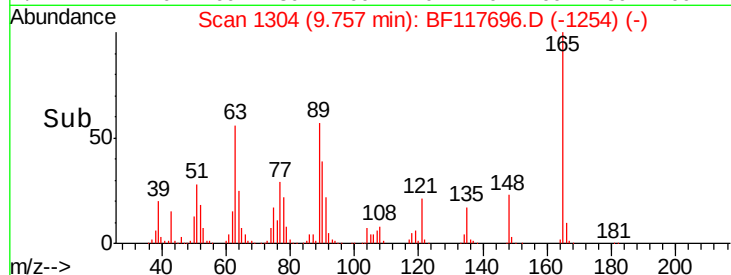
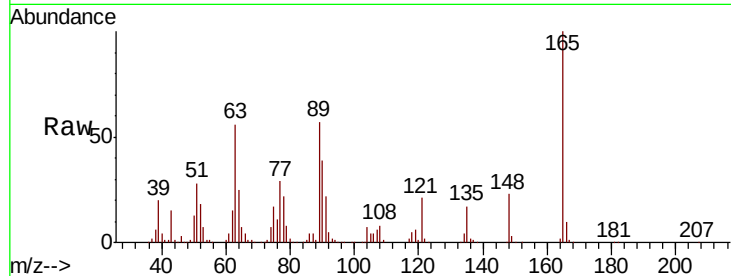
ClientSampleId :

SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	247907		
63	56.3	45.6	68.4	
89	57.4	45.8	68.6	

Manual Integrations
APPROVED

Sohil
11/8/2019 3:30:29 PM



#52

Acenaphthene

Concen: 24.152 ng

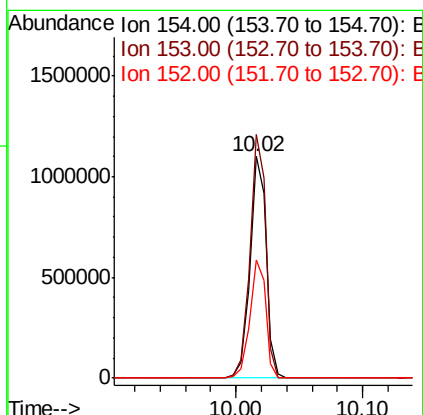
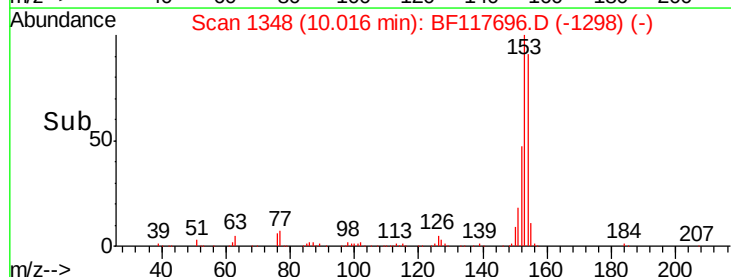
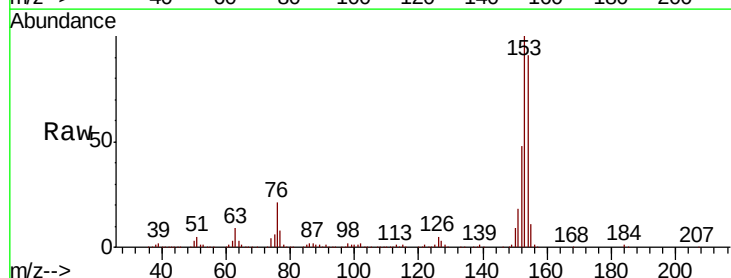
RT: 10.02 min Scan# 1348

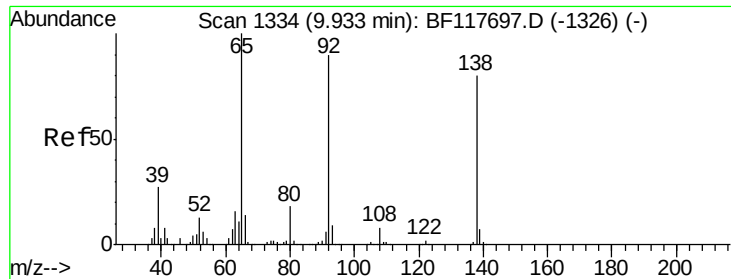
Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	979545		
153	109.9	87.8	131.6	
152	53.1	43.5	65.3	





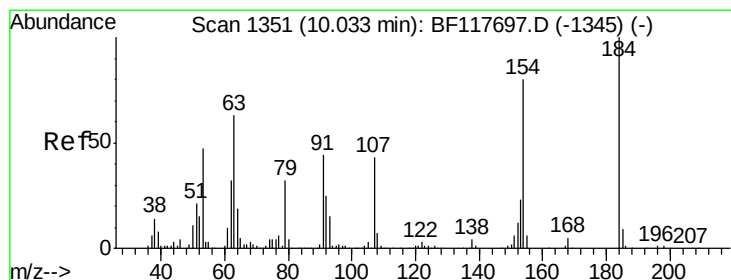
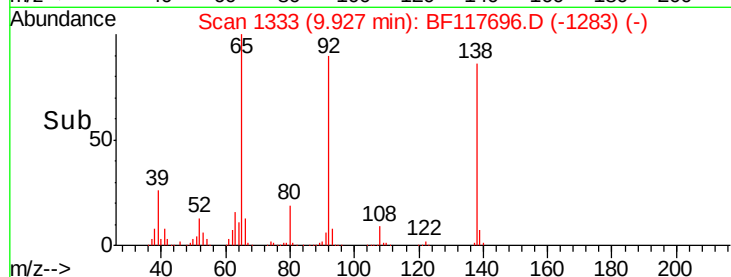
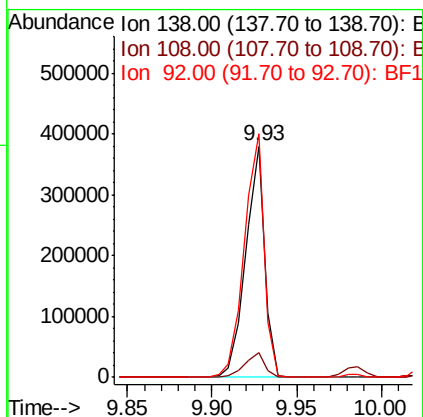
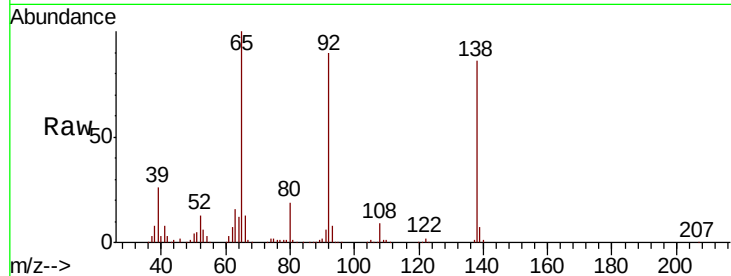
#53
3-Nitroaniline
Concen: 22.587 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.5	12.7
92	105.4	89.8	134.8

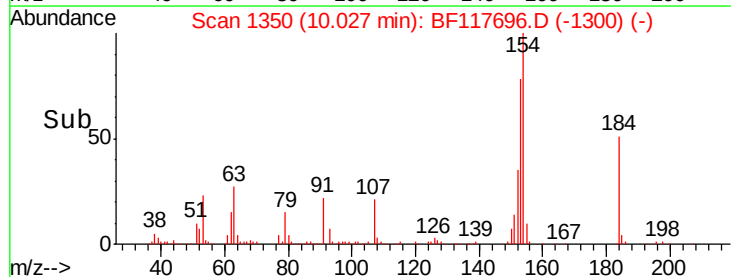
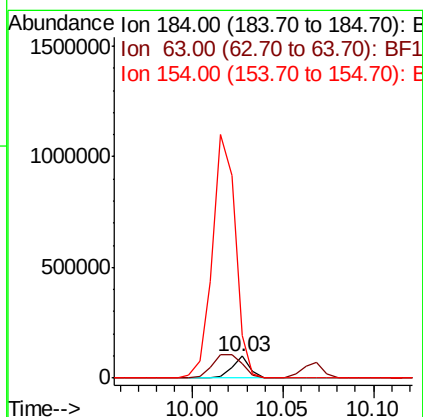
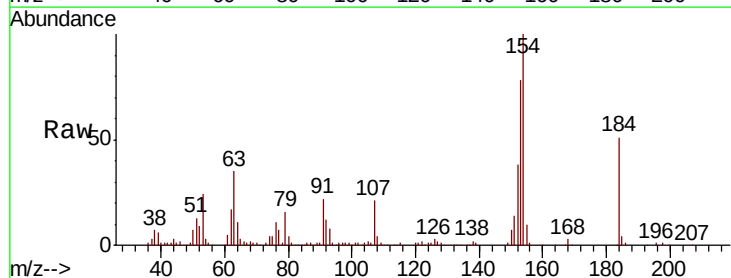
Manual Integrations
APPROVED

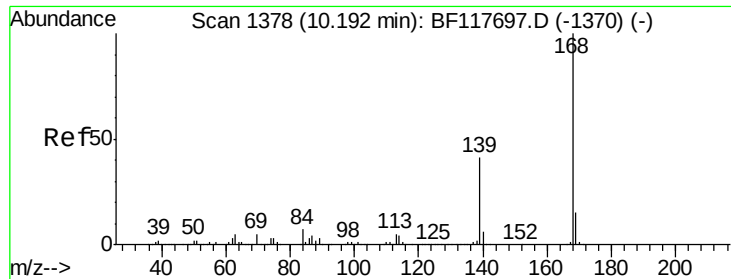
Sohil
11/8/2019 3:30:29 PM



#54
2,4-Dinitrophenol
Concen: 19.398 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.9	51.4	77.0
154	196.0	70.2	105.2





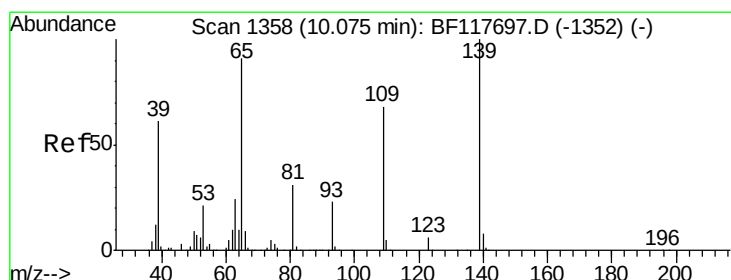
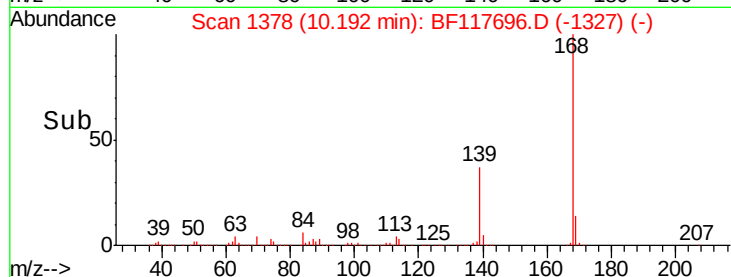
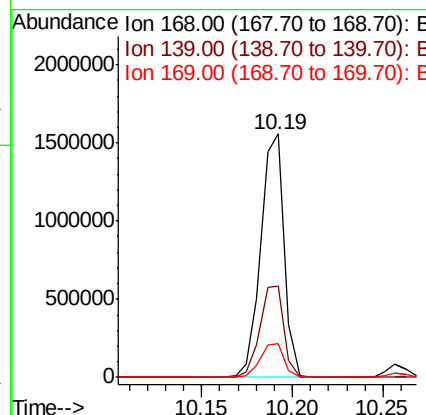
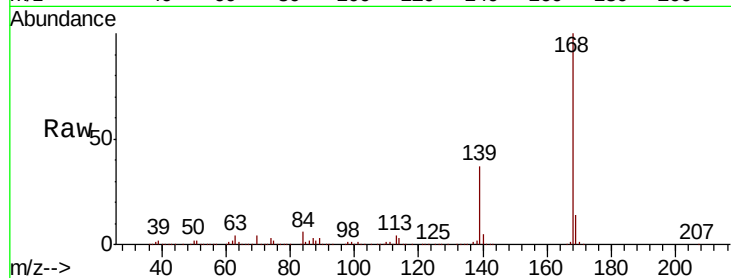
#55
Dibenzofuran
Concen: 24.438 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	33.2	49.8
169	13.7	11.7	17.5

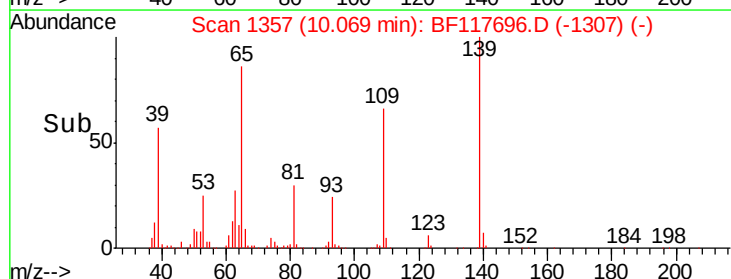
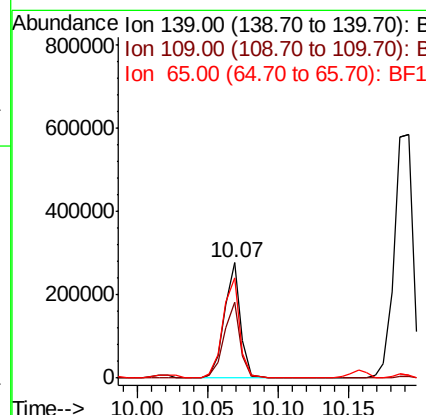
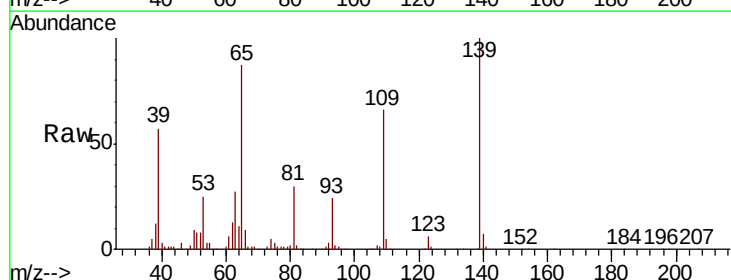
Manual Integrations
APPROVED

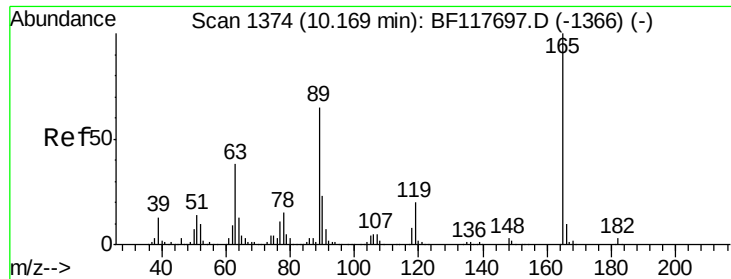
Sohil
11/8/2019 3:30:29 PM



#56
4-Nitrophenol
Concen: 22.403 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	47.7	87.7
65	86.6	71.9	111.9





#57

2,4-Dinitrotoluene

Concen: 23.273 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Instrument :

BNA_F

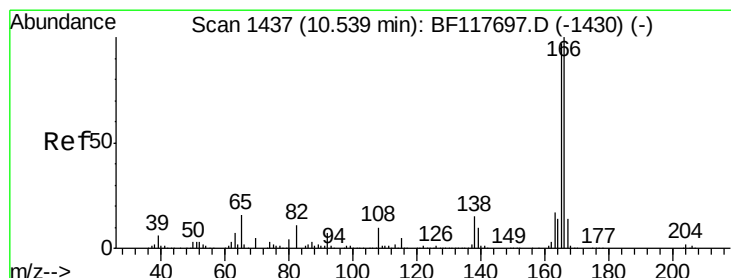
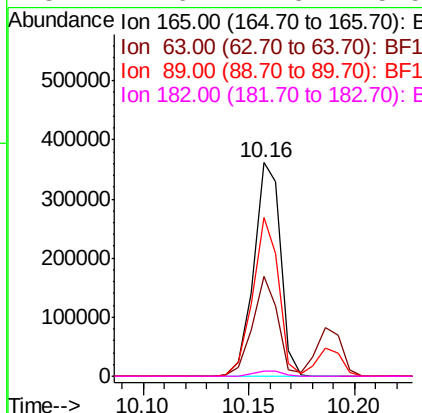
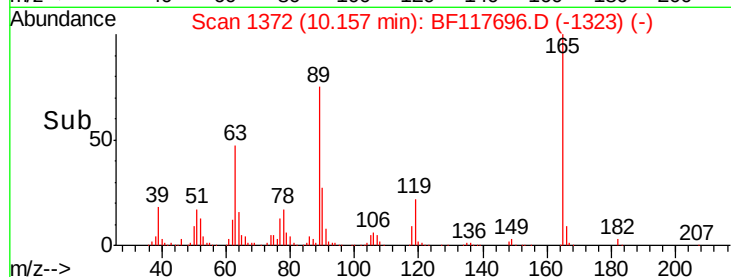
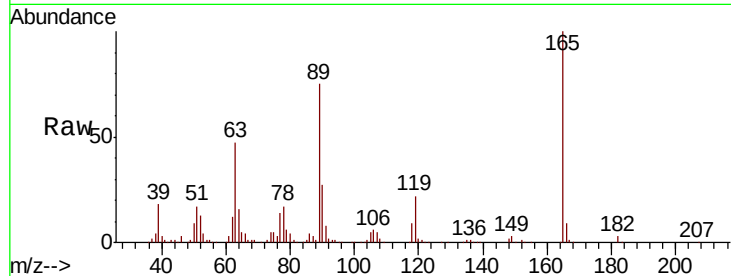
ClientSampled :

SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		318554		
63	47.0	30.4	45.6#		
89	74.6	52.2	78.4		
182	2.6	2.3	3.5		

Manual Integrations
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Sohil
11/8/2019 3:30:29 PM



#58

Fluorene

Concen: 24.433 ng

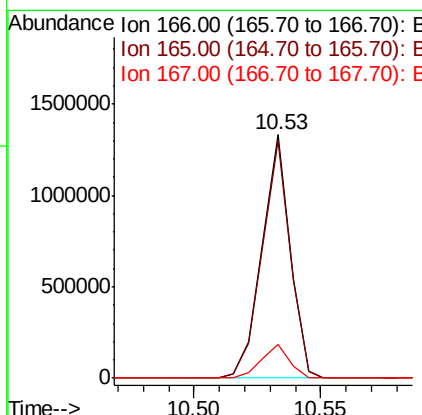
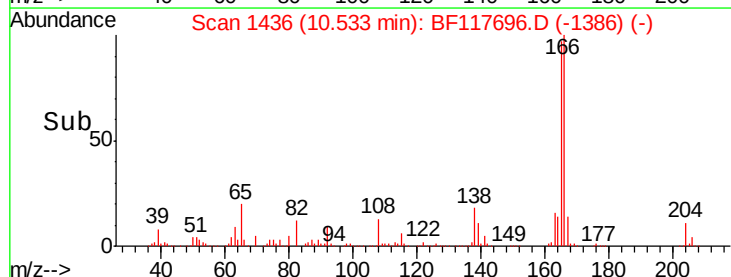
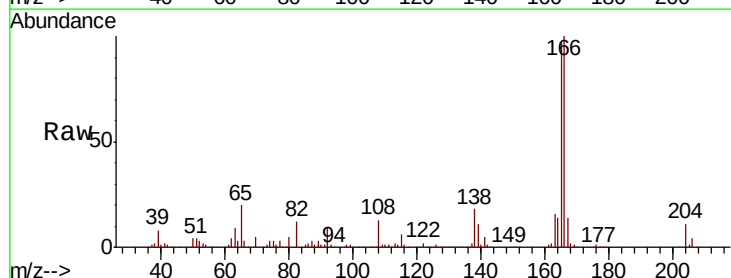
RT: 10.53 min Scan# 1436

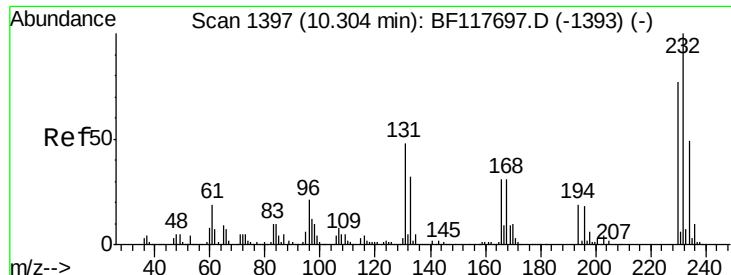
Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1034046		
165	97.4	77.4	116.0		
167	13.7	11.0	16.4		





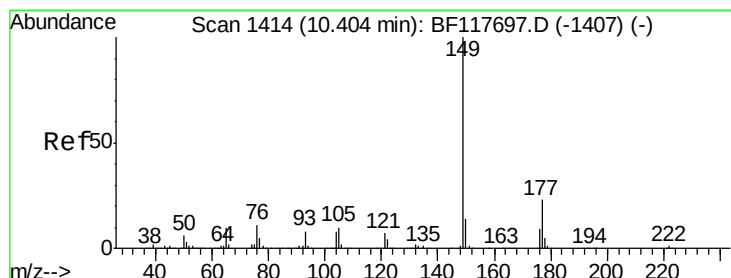
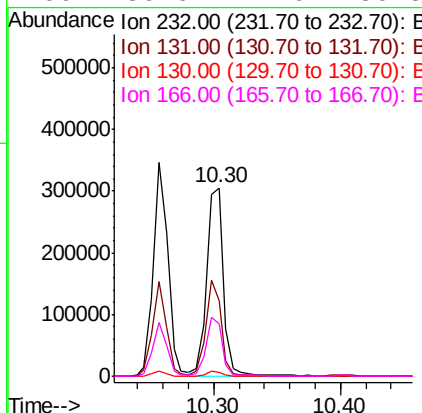
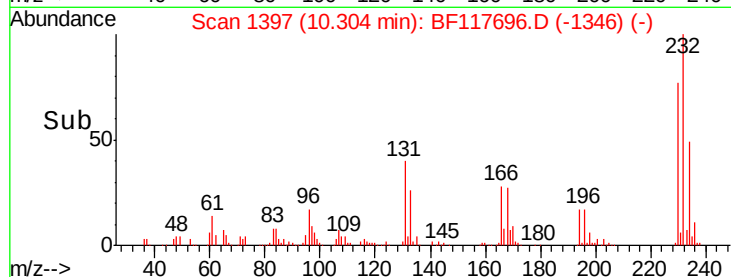
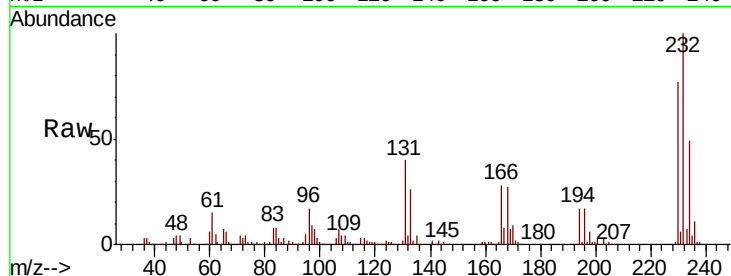
#59
2,3,4,6-Tetrachlorophenol
Concen: 24.384 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	37.8	56.8
130	2.3	1.9	2.9
166	30.6	24.6	36.8

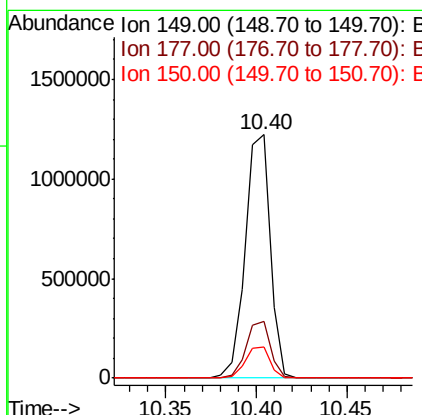
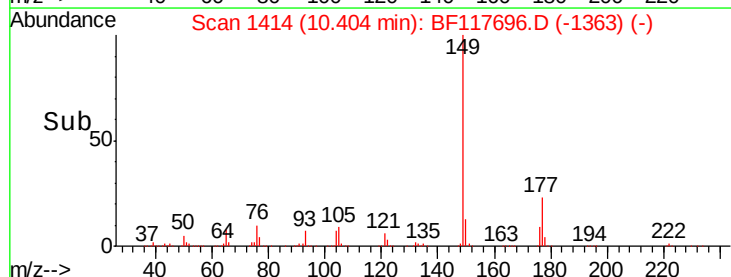
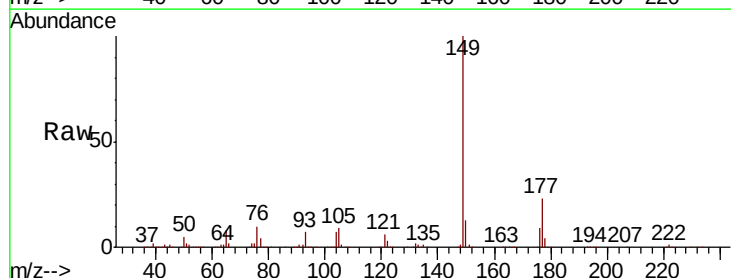
Manual Integrations
APPROVED

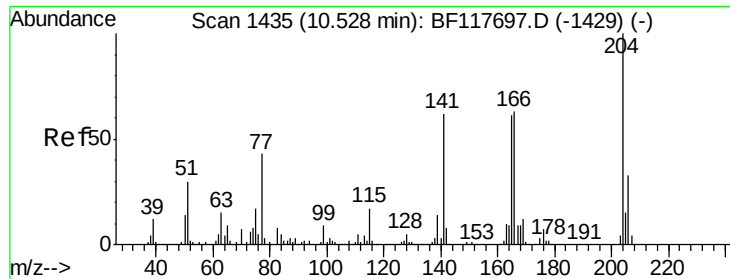
Sohil
11/8/2019 3:30:29 PM



#60
Diethylphthalate
Concen: 23.805 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.8	28.2
150	12.8	10.8	16.2





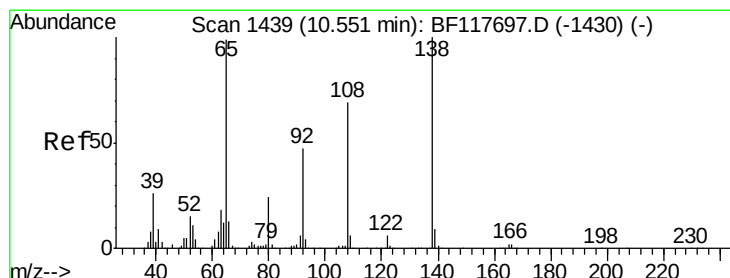
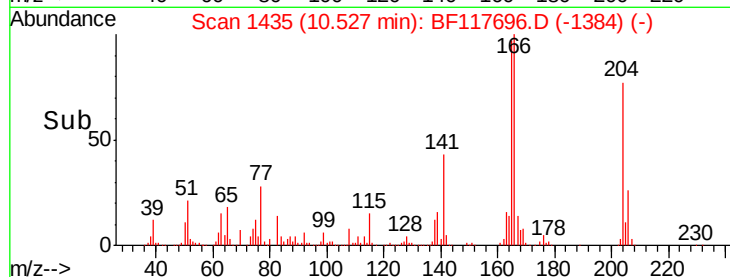
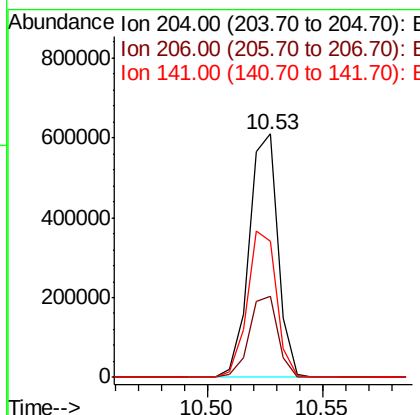
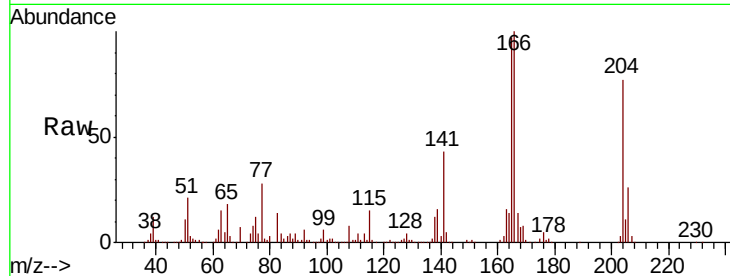
#61
4-Chlorophenyl-phenylether
Concen: 24.390 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.2	39.4
141	56.0	49.7	74.5

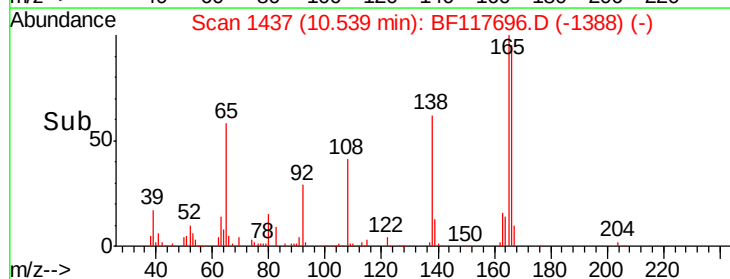
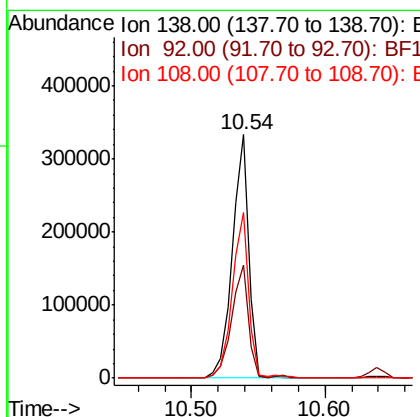
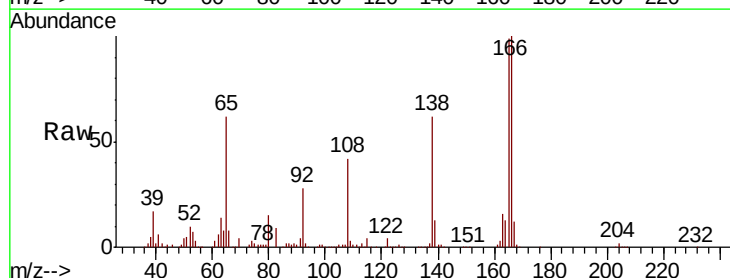
Manual Integrations
APPROVED

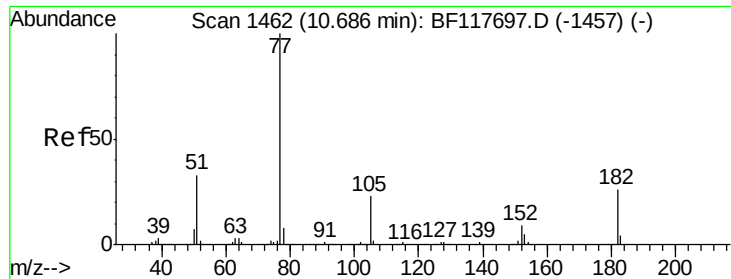
Sohil
11/8/2019 3:30:29 PM



#62
4-Nitroaniline
Concen: 22.548 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	26.9	66.9
108	68.2	49.1	89.1





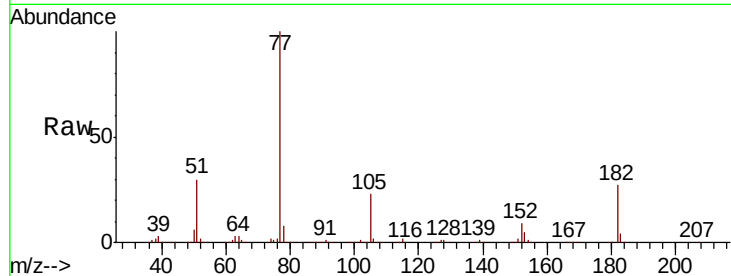
#63
Azobenzene
Concen: 23.990 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.0	46.0
105	22.7	2.8	42.8
51	30.3	13.0	53.0

Manual Integrations
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Sohil
11/8/2019 3:30:29 PM



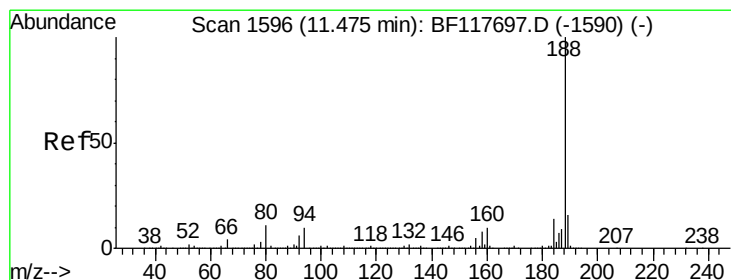
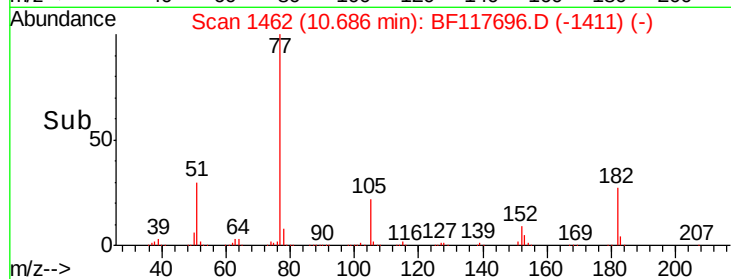
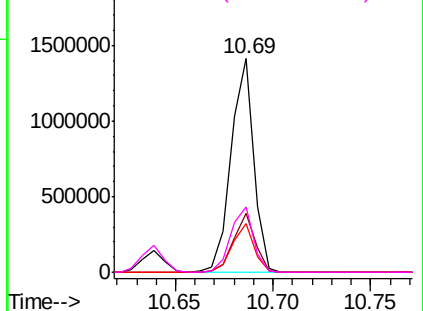
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

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: BF117696.D
Acq: 6 Nov 2019 13:01

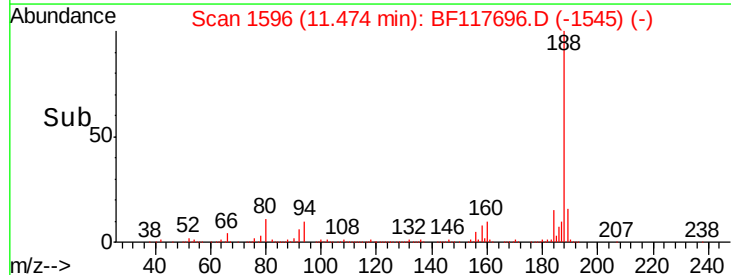
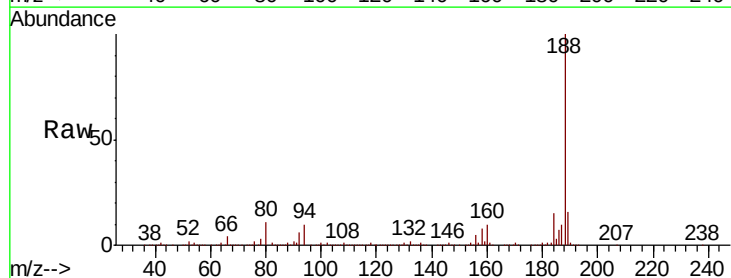
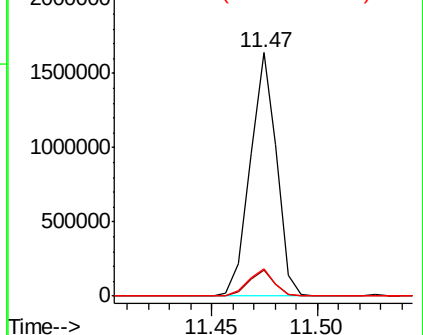
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.4
80	11.2	8.6	13.0

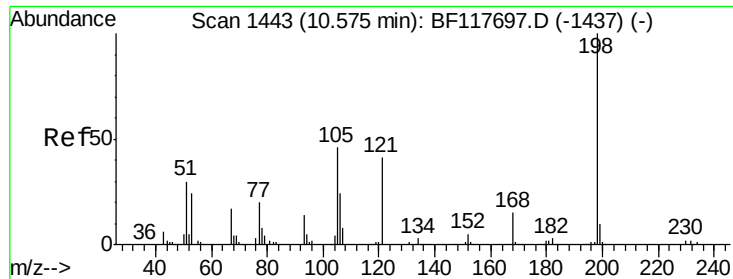
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





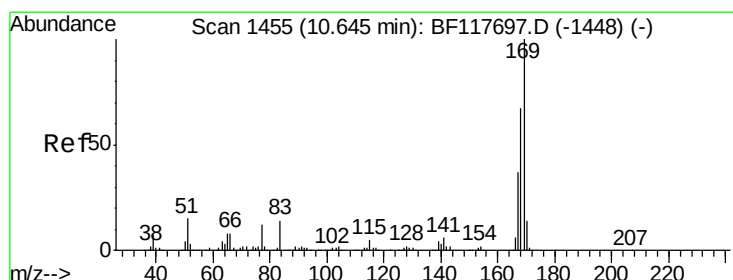
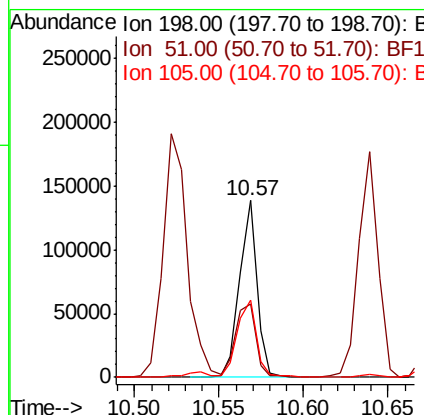
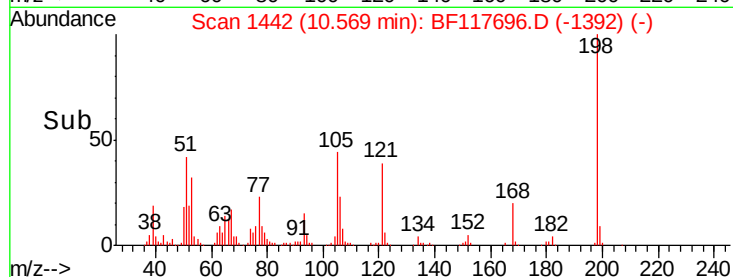
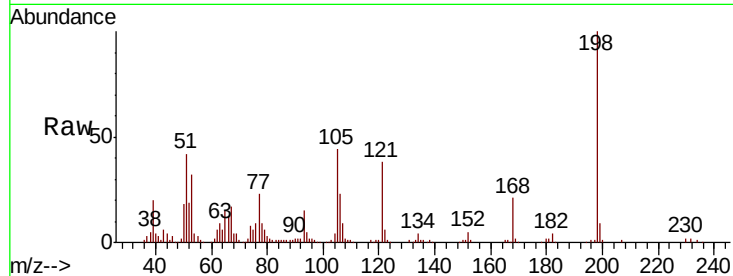
#65
4,6-Dinitro-2-methylphenol
Concen: 19.571 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampled :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.7	28.1	68.1
105	43.9	27.3	67.3

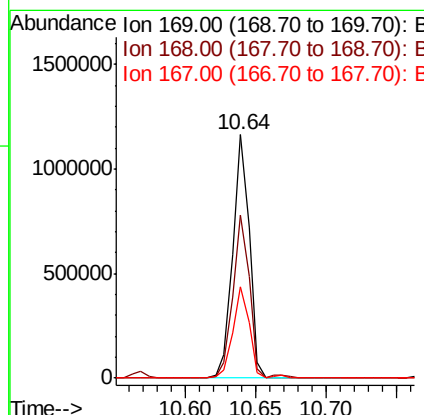
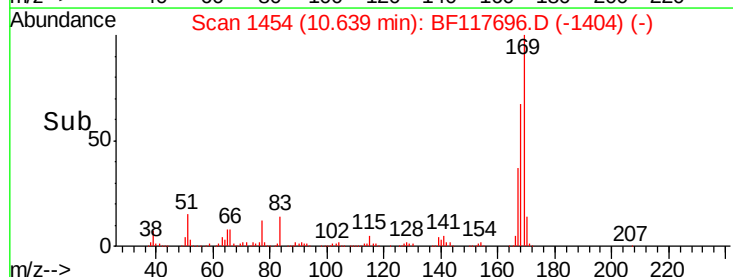
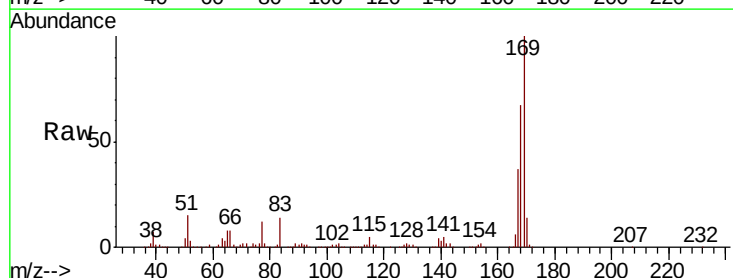
Manual Integrations
APPROVED

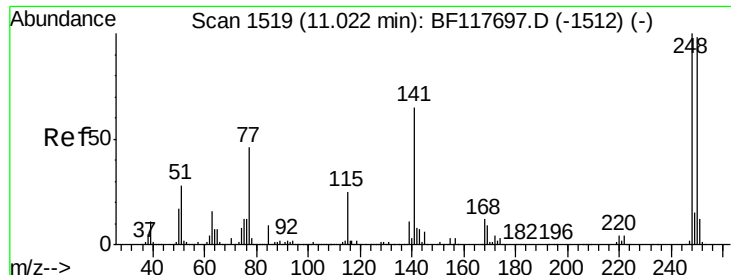
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 23.060 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.8	80.8
167	37.3	29.9	44.9





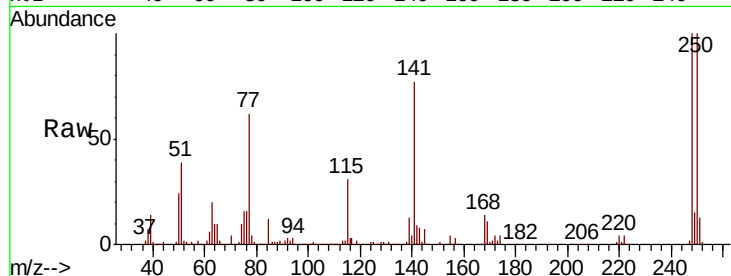
#67
4-Bromophenyl-phenylether
Concen: 22.803 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.5	78.7	118.1
141	77.8	51.8	77.8#

Manual Integrations
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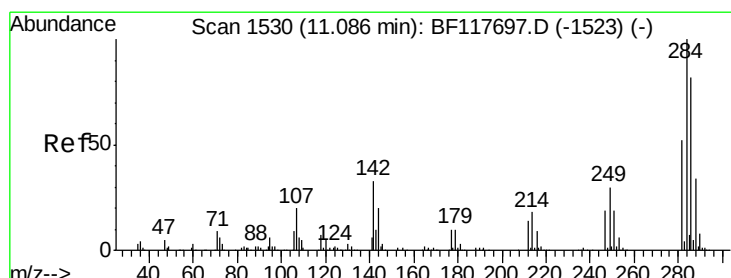
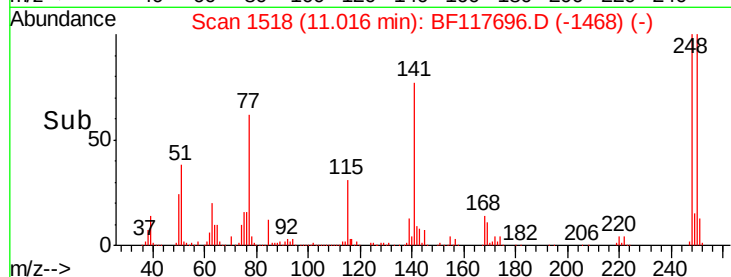
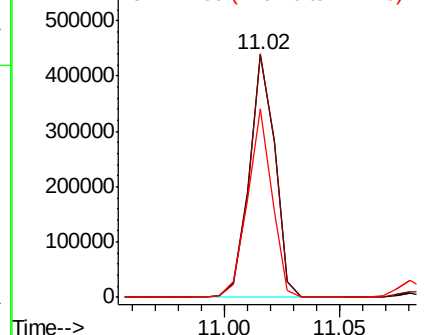


Abundance

Ion 248.00 (247.70 to 248.70): E

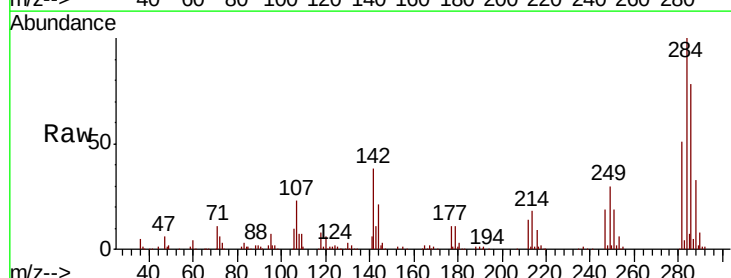
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 23.203 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	26.6	39.8
249	29.5	24.4	36.6

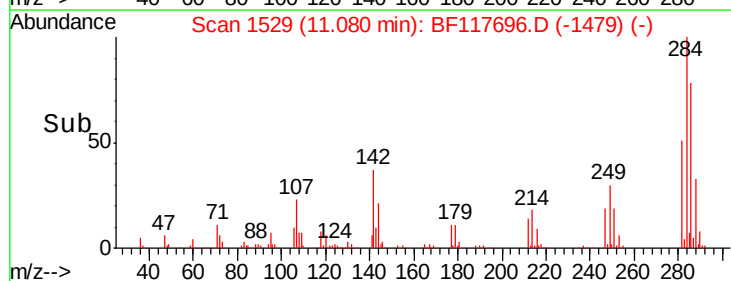
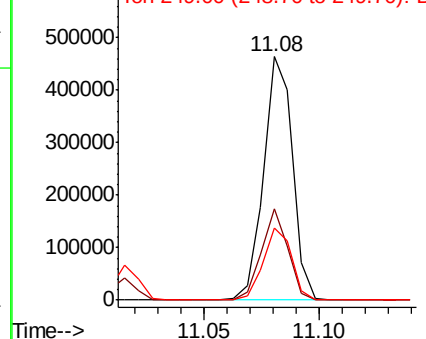


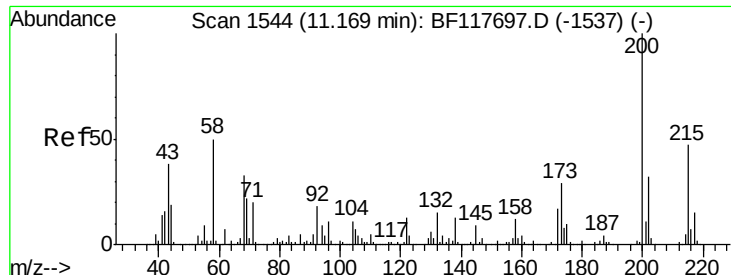
Abundance

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





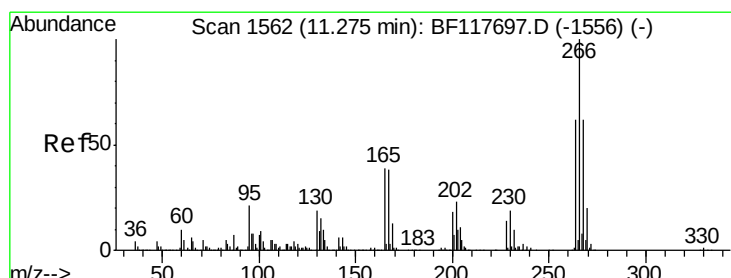
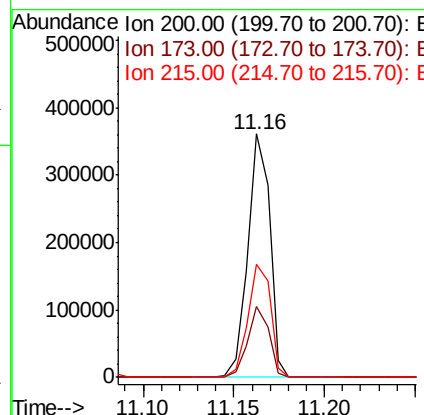
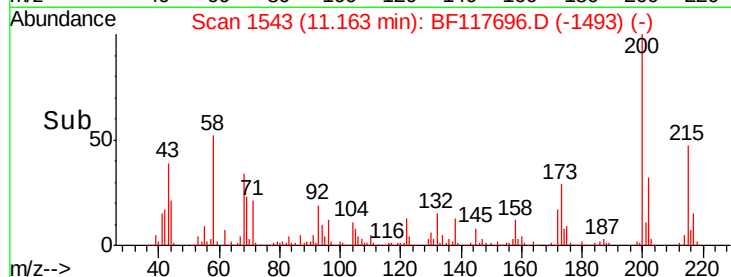
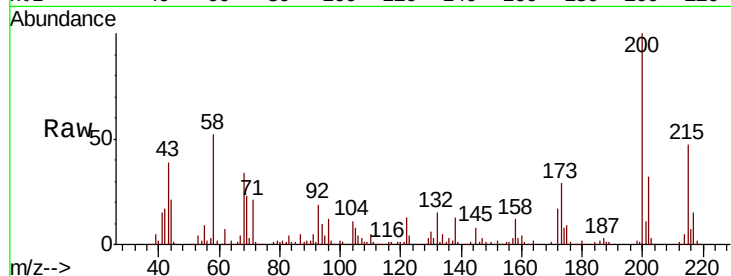
#69
Atrazine
Concen: 35.745 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.9	8.5	48.5
215	46.6	27.4	67.4

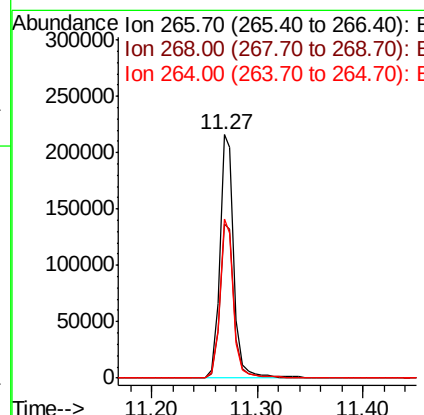
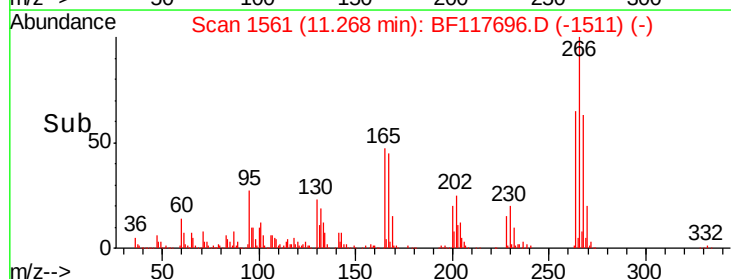
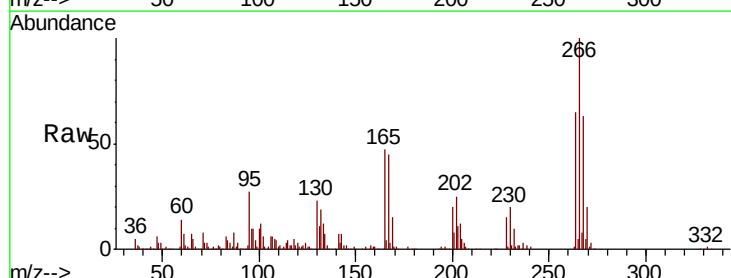
Manual Integrations
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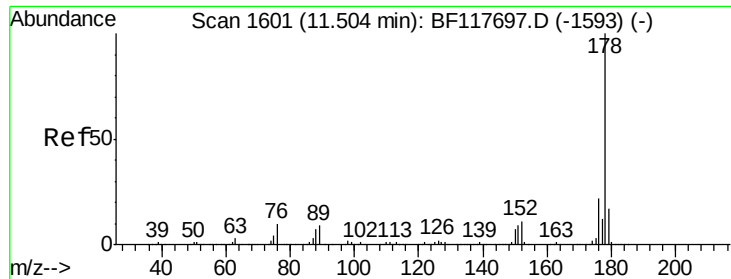
Sohil
11/8/2019 3:30:29 PM



#70
Pentachlorophenol
Concen: 23.399 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.3	49.8	74.6
264	65.2	49.7	74.5





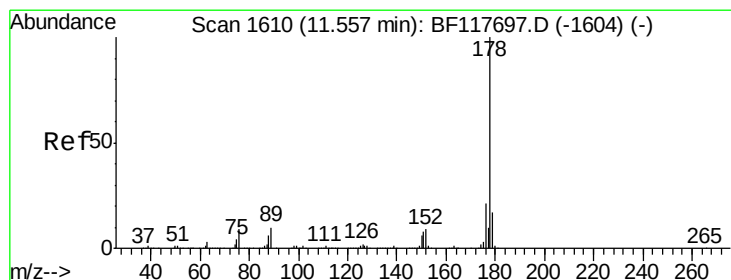
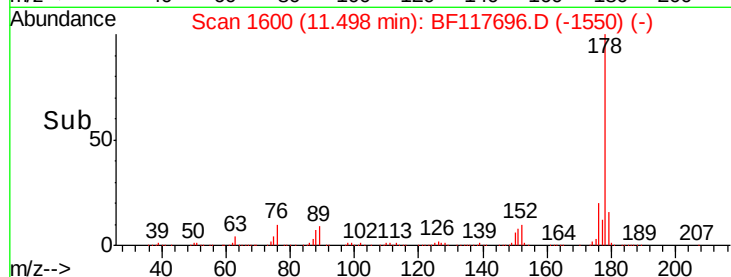
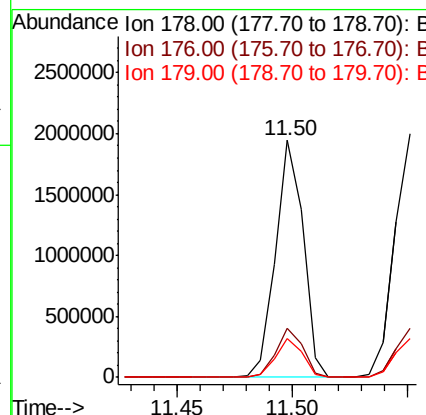
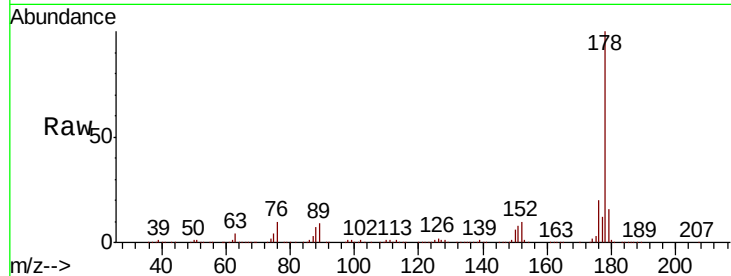
#71
Phenanthrene
Concen: 24.262 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:178 Resp: 1613383
Ion Ratio Lower Upper
178 100
176 20.5 17.7 26.5
179 16.3 13.8 20.8

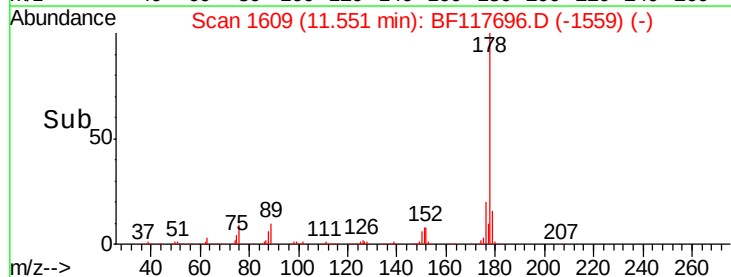
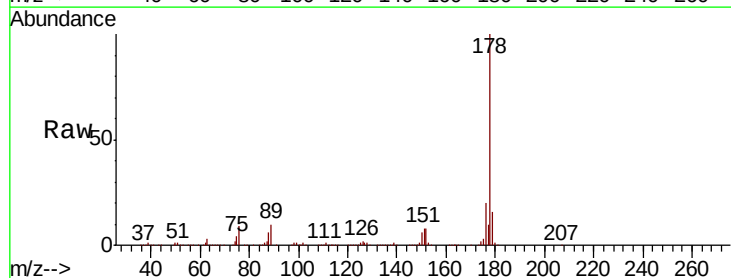
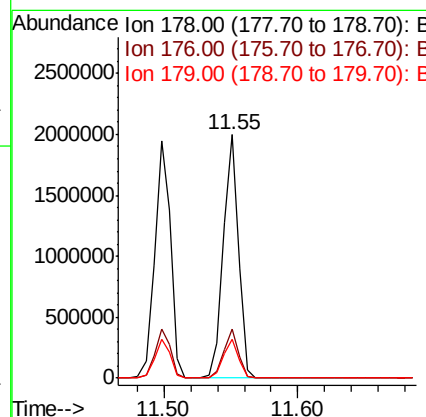
Manual Integrations
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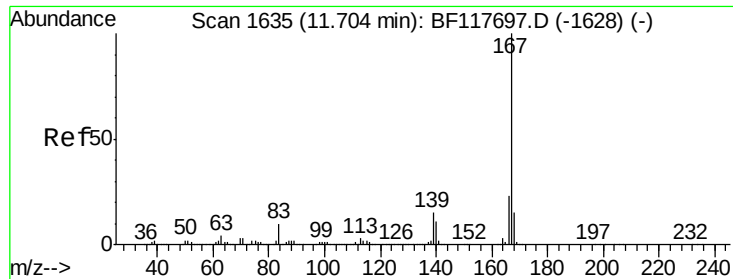
Sohil
11/8/2019 3:30:29 PM



#72
Anthracene
Concen: 24.104 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion:178 Resp: 1610778
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 16.1 13.5 20.3





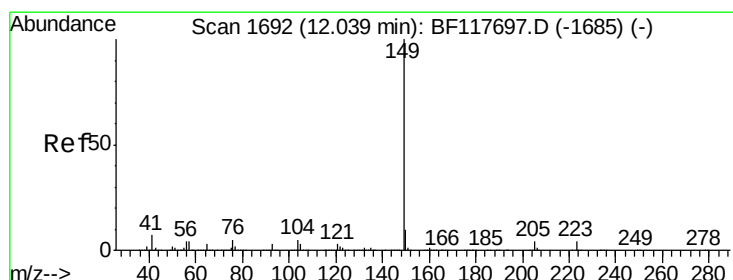
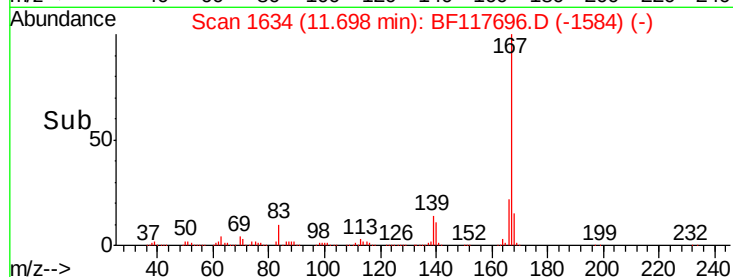
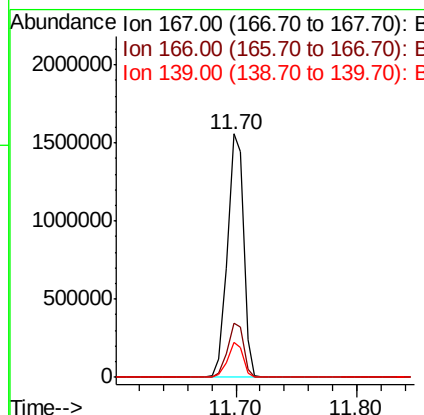
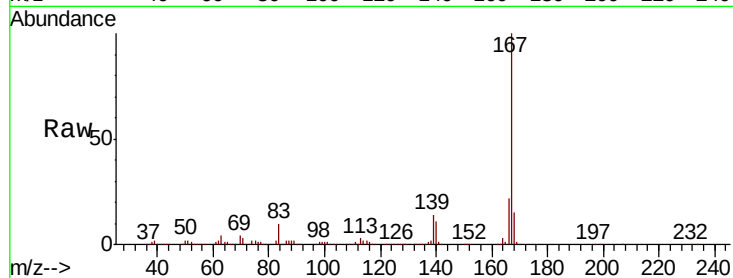
#73
 Carbazole
 Concen: 23.630 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.5	18.6	27.8	
139	14.3	11.9	17.9	

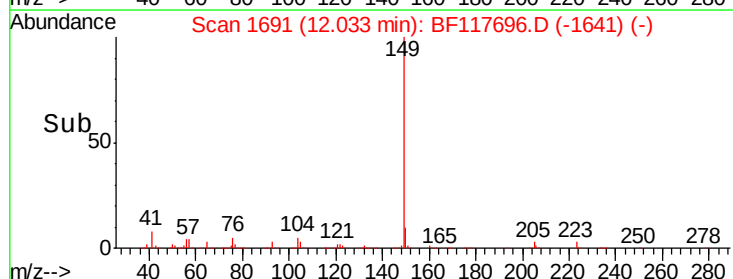
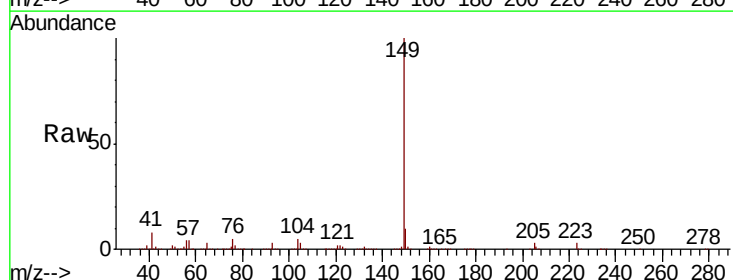
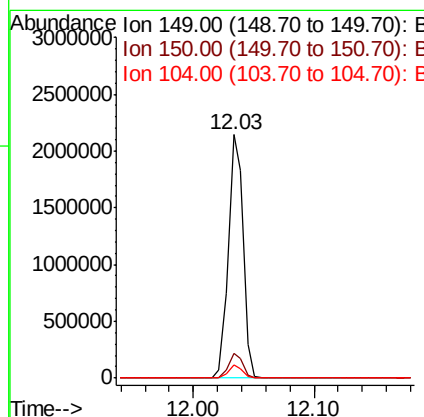
Manual Integrations
 APPROVED

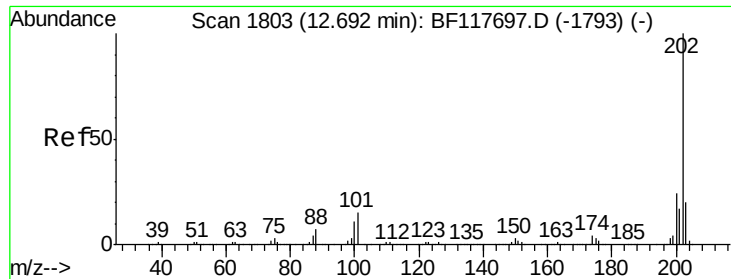
Sohil
 11/8/2019 3:30:29 PM



#74
 Di-n-butylphthalate
 Concen: 24.597 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.1	8.3	12.5	
104	5.3	4.2	6.4	





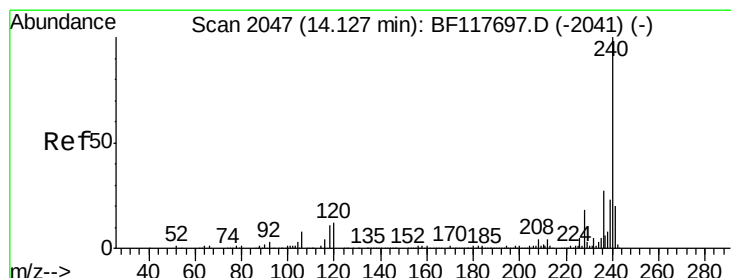
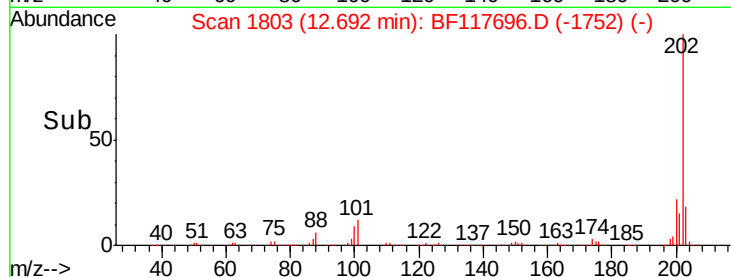
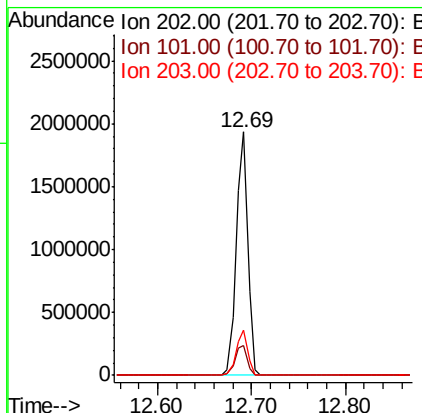
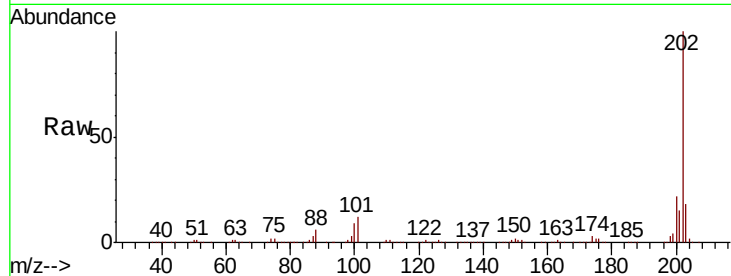
#75
Fluoranthene
Concen: 24.241 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.5
203	18.4	0.0	39.8

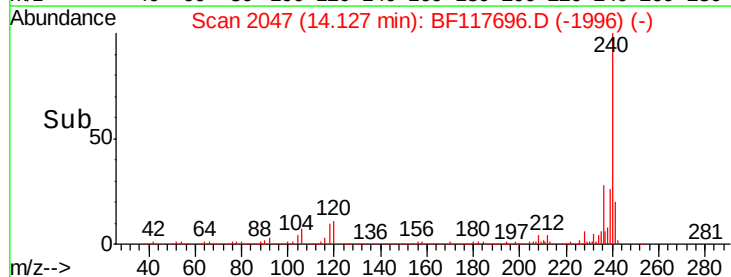
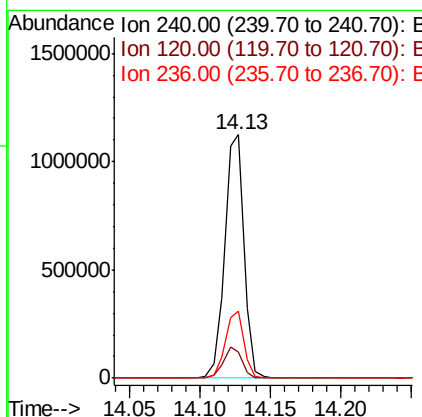
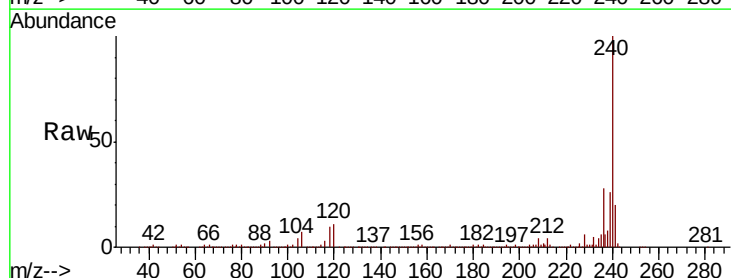
Manual Integrations
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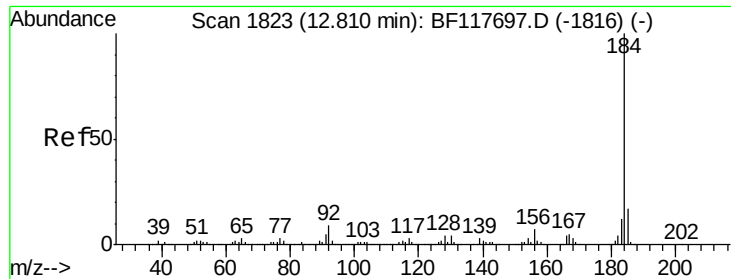
Sohil
11/8/2019 3:30:29 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.7	14.5
236	27.6	21.9	32.9





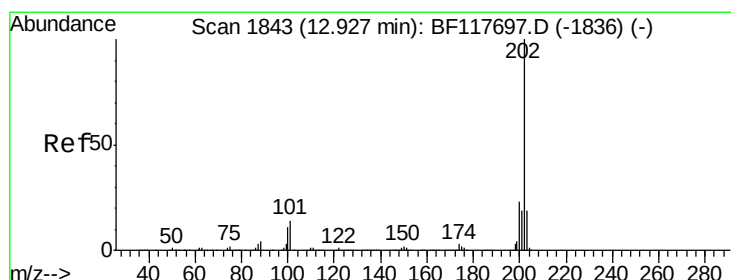
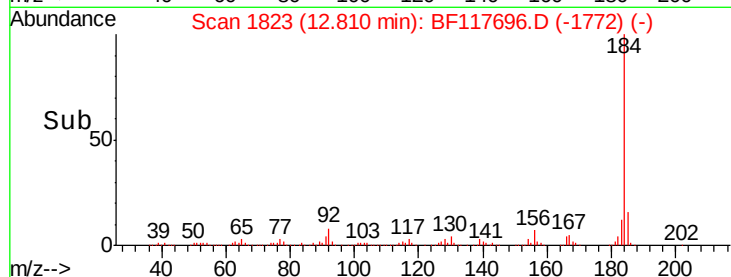
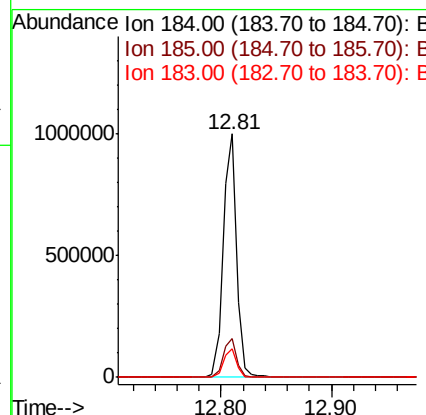
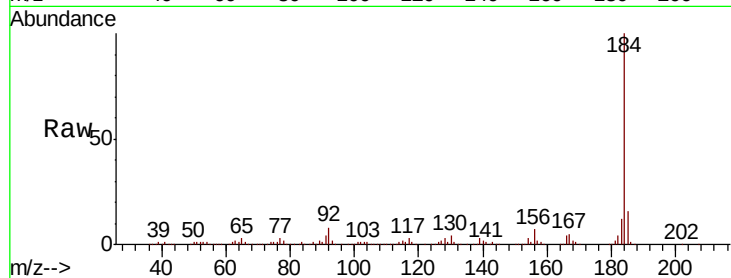
#77
Benzidine
Concen: 40.318 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.3	19.9
183	11.8	9.6	14.4

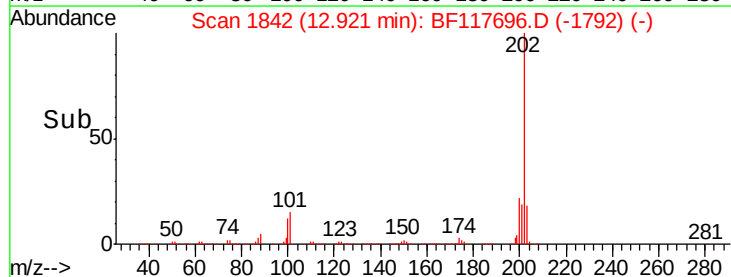
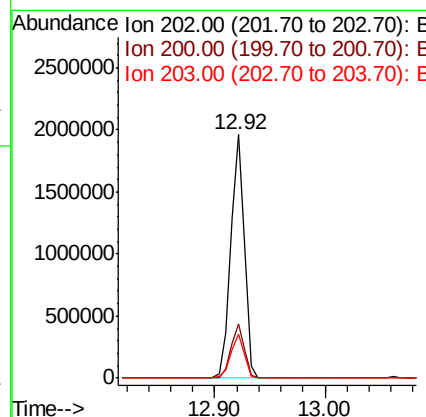
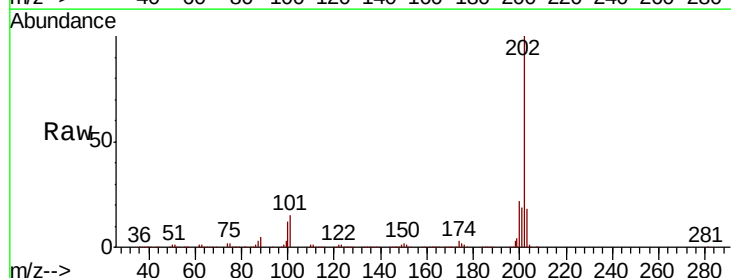
Manual Integrations
APPROVED

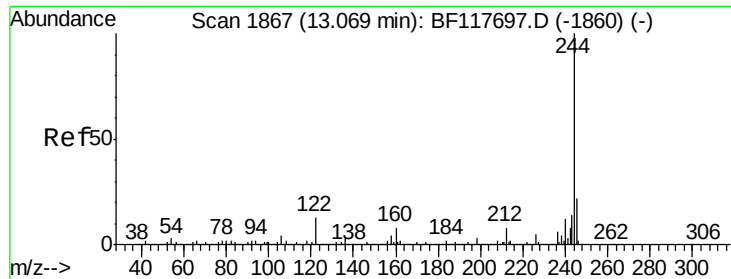
Sohil
11/8/2019 3:30:29 PM



#78
Pyrene
Concen: 22.673 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.8	28.2
203	18.2	15.2	22.8





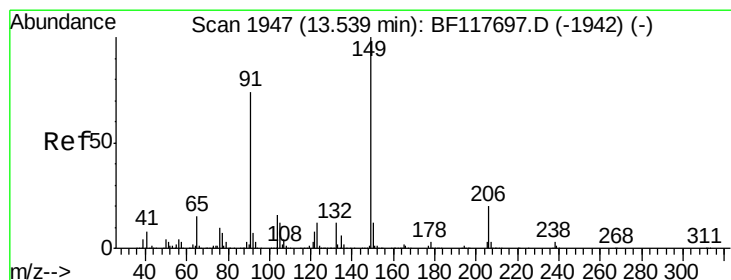
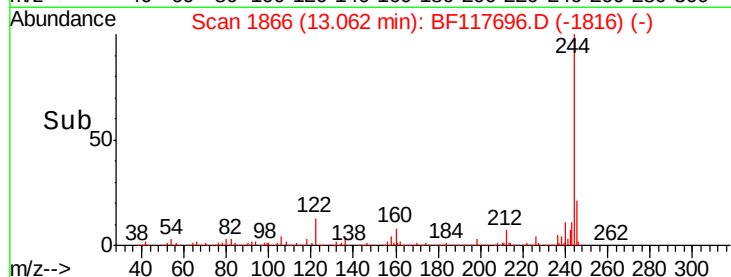
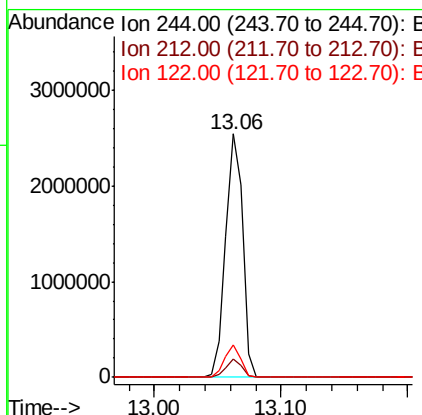
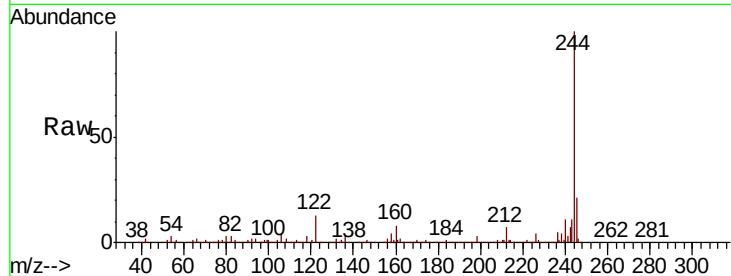
#79
 Terphenyl-d14
 Concen: 46.441 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	13.3	10.0	15.0

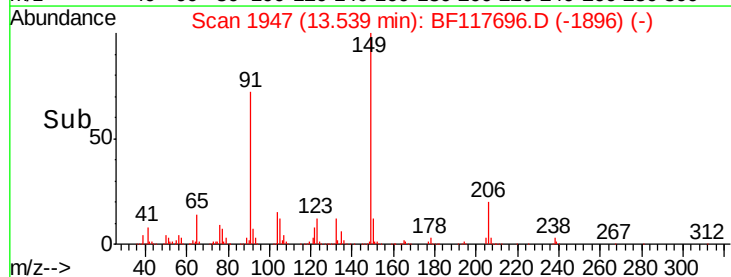
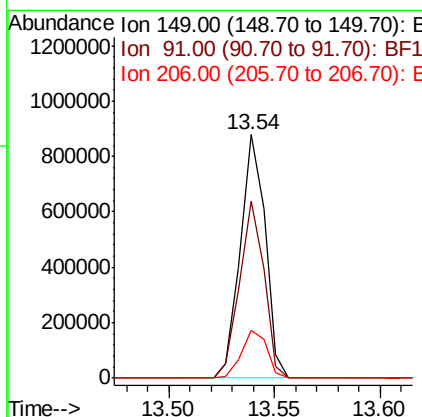
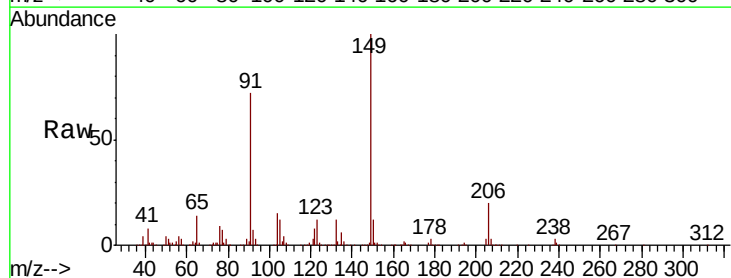
Manual Integrations
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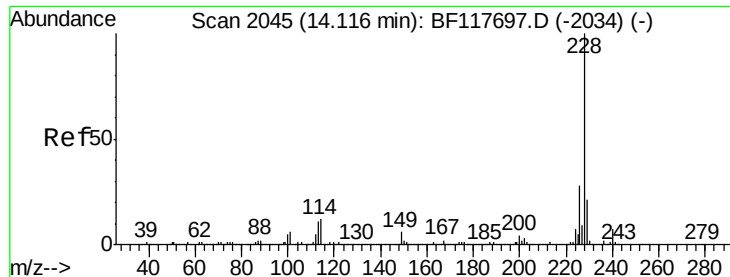
Sohil
 11/8/2019 3:30:29 PM



#80
 Butylbenzylphthalate
 Concen: 21.230 ng
 RT: 13.54 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.5	59.1	88.7
206	19.8	16.1	24.1





#81

Benzo(a)anthracene

Concen: 23.406 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:228 Resp: 1464036

Ion Ratio Lower Upper

228 100

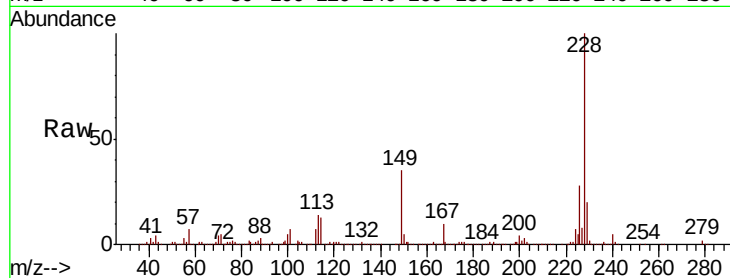
226 27.6 22.8 34.2

229 20.2 16.9 25.3

Manual Integrations
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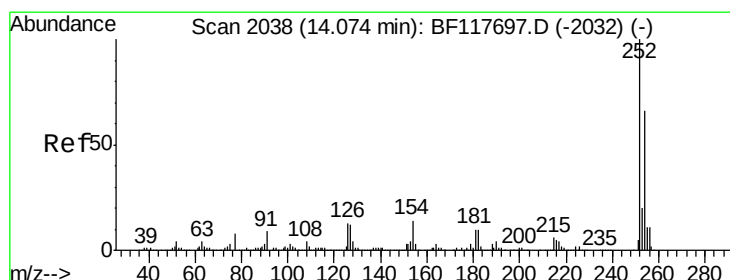
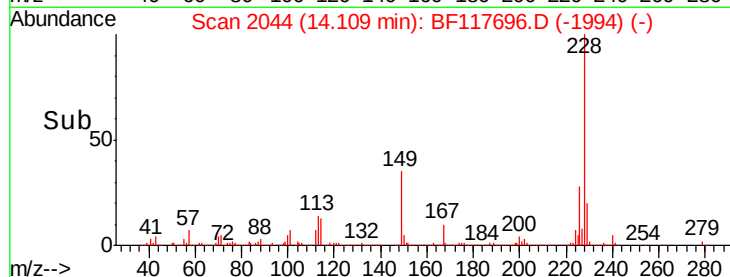
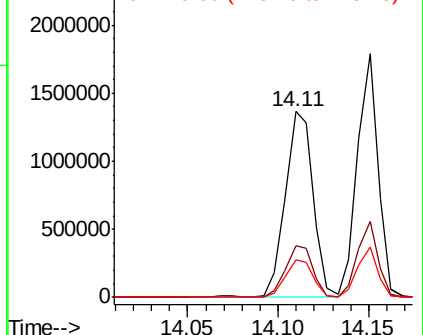


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 24.057 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Tgt Ion:252 Resp: 542520

Ion Ratio Lower Upper

252 100

254 63.8 53.1 79.7

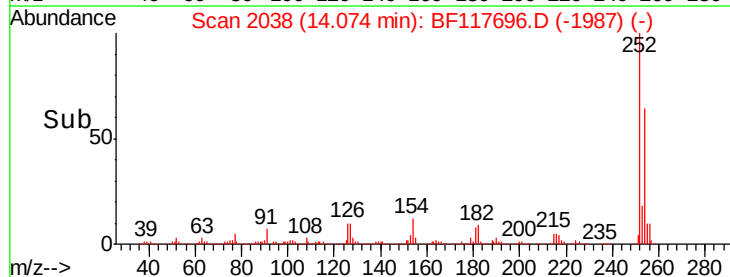
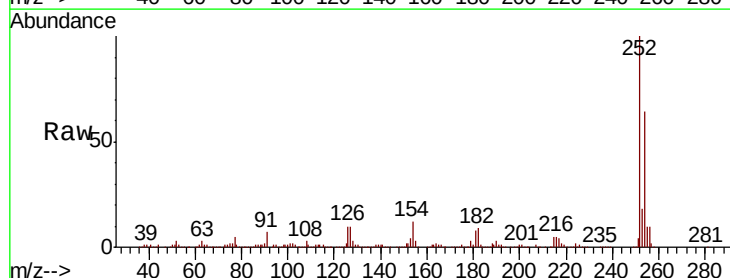
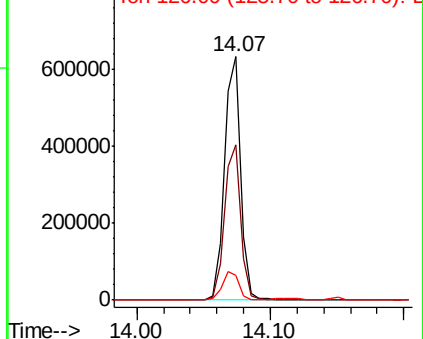
126 10.1 10.3 15.5#

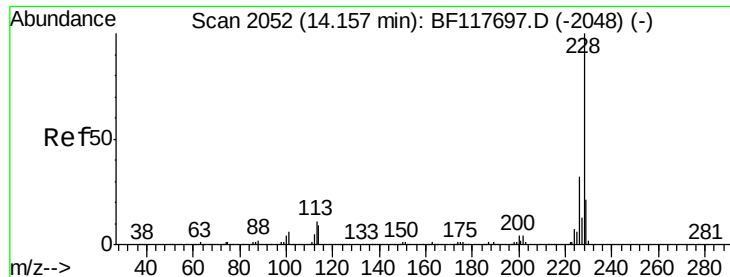
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





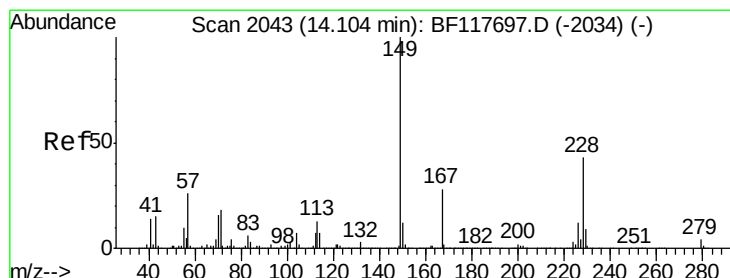
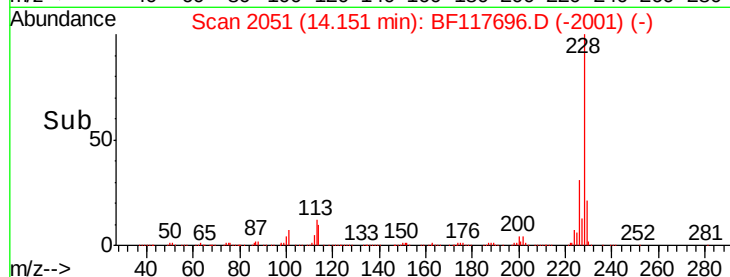
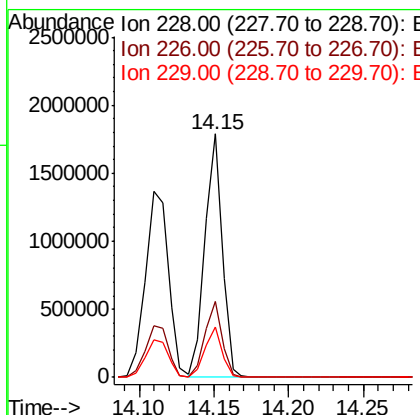
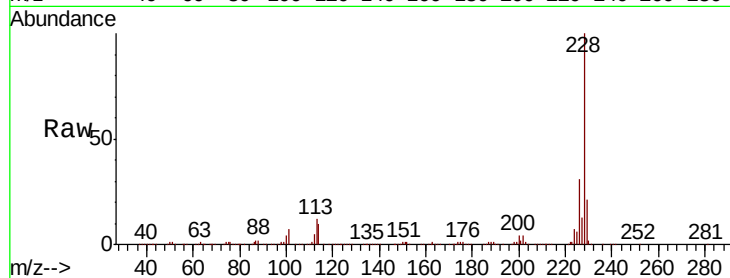
#83
 Chrvsene
 Concen: 23.163 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.2
229	20.6	16.6	24.8

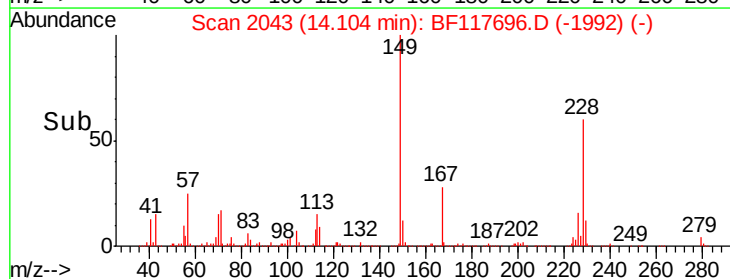
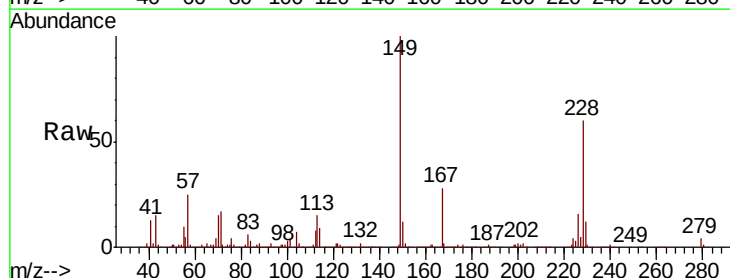
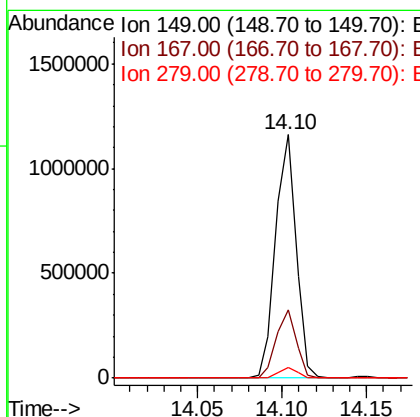
Manual Integrations
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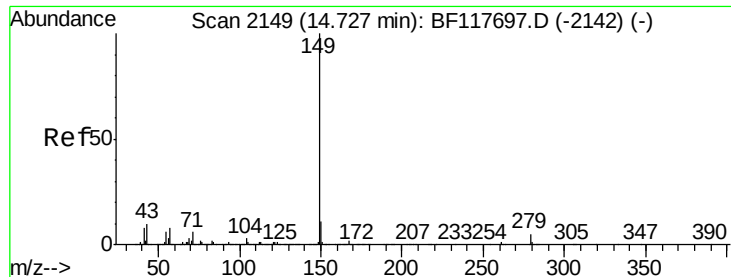
Sohil
 11/8/2019 3:30:29 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 22.572 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF117696.D
 Acq: 6 Nov 2019 13:01

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





#85

Di-n-octyl phthalate

Concen: 22.906 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:149 Resp: 1541861

Ion Ratio Lower Upper

149 100

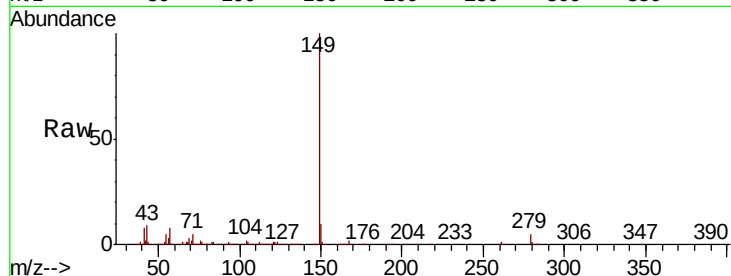
167 1.5 1.3 1.9

43 10.4 8.4 12.6

Manual Integrations
APPROVED

Sohil

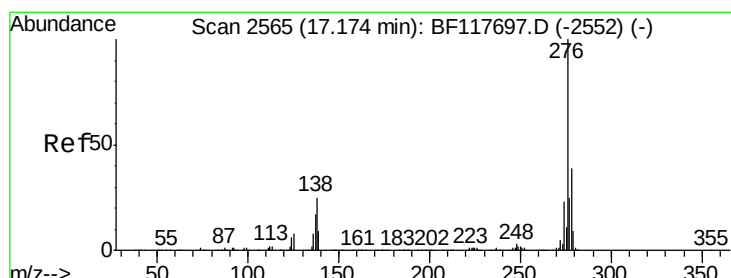
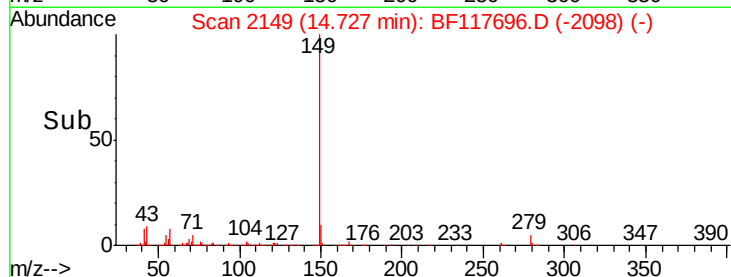
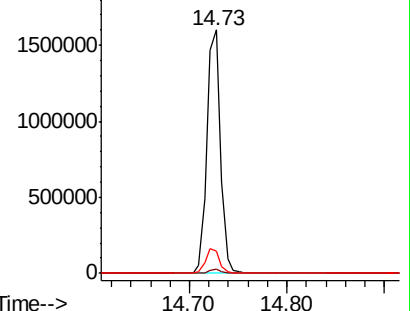
11/8/2019 3:30:29 PM



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: 20.313 ng

RT: 17.17 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BF117696.D

Acq: 6 Nov 2019 13:01

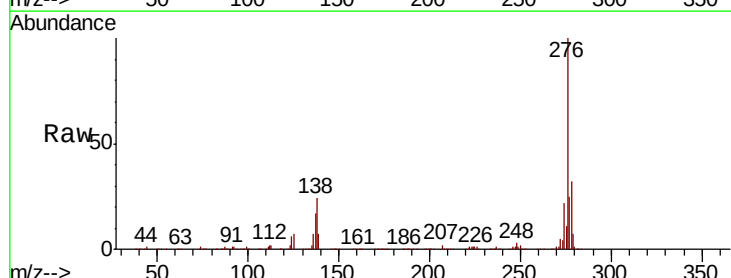
Tgt Ion:276 Resp: 1172287

Ion Ratio Lower Upper

276 100

138 27.8 22.4 33.6

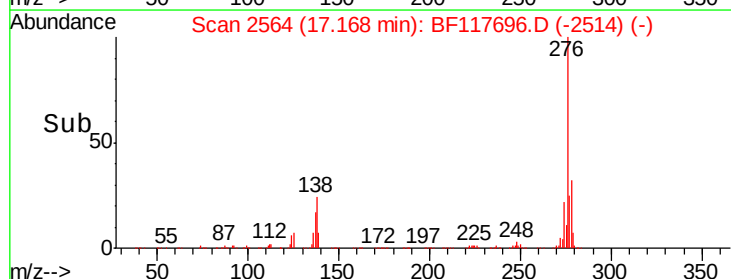
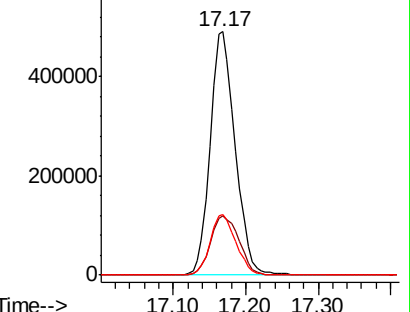
277 25.7 20.6 30.8

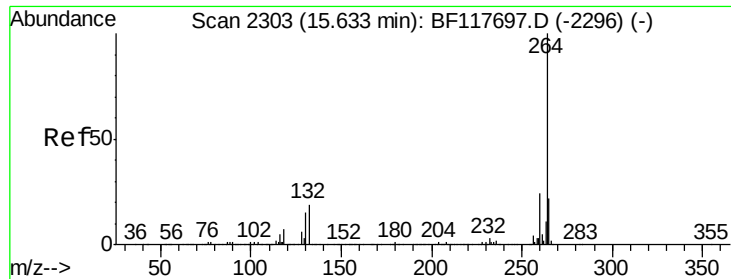


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

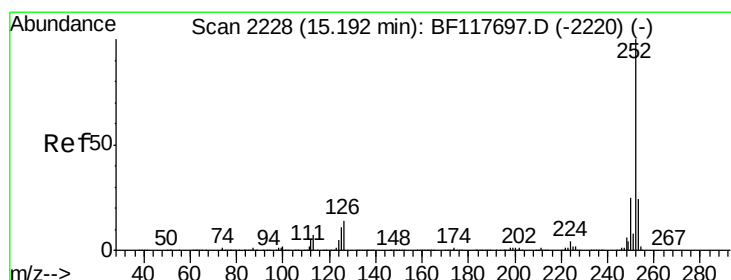
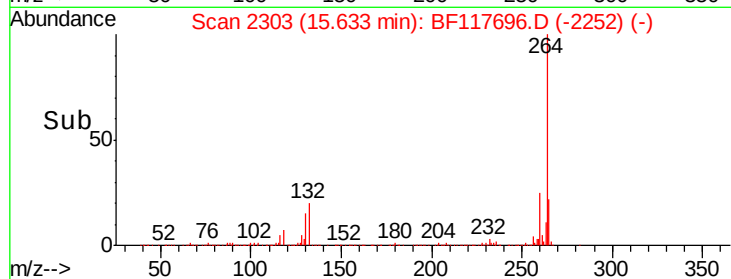
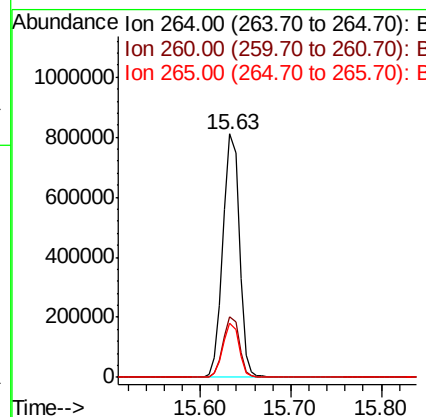
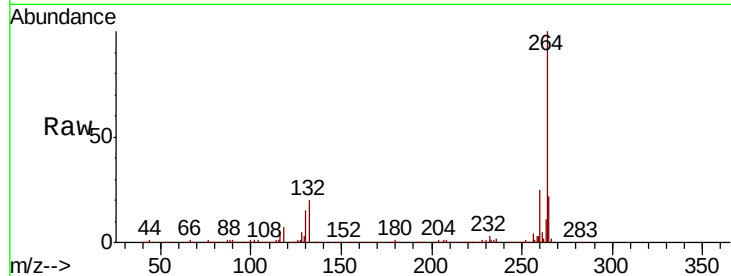
Instrument :
BNA_F
ClientSampled :
SSTDIC020

Tot Ion:264 Resp: 1016940

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.8	28.2
265	22.4	17.7	26.5

Manual Integrations
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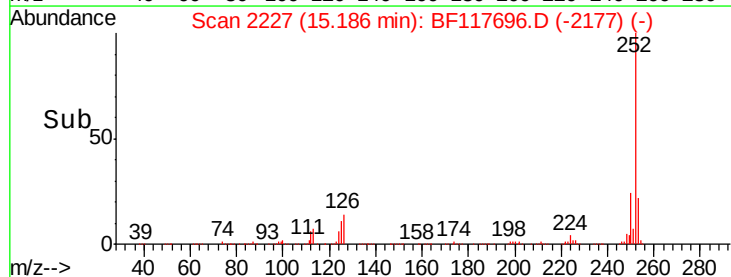
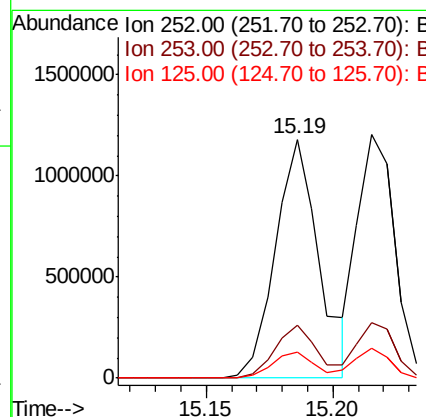
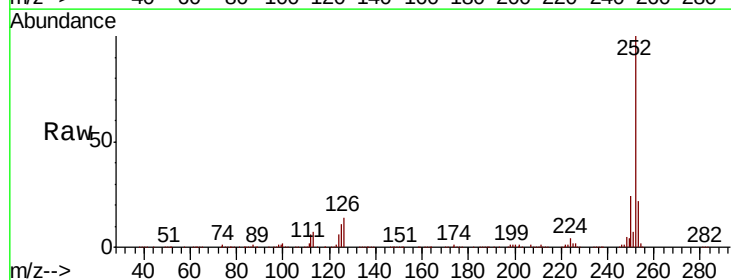
Sohil
11/8/2019 3:30:29 PM

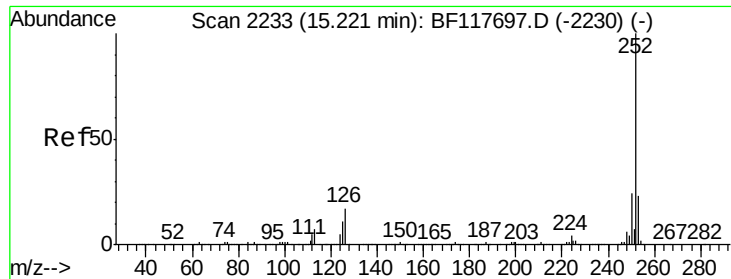


#88
Benzo(b)fluoranthene
Concen: 23.441 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion:252 Resp: 1413742

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	10.9	8.5	12.7





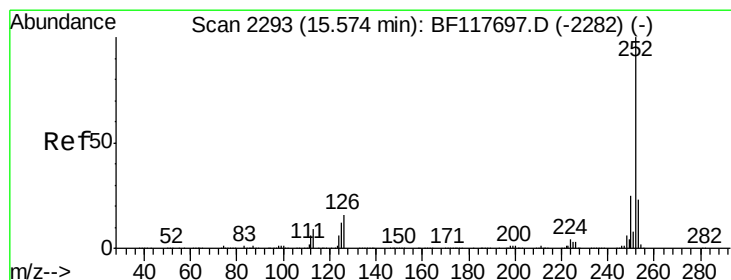
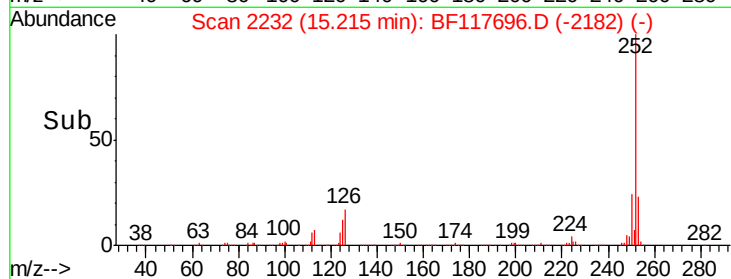
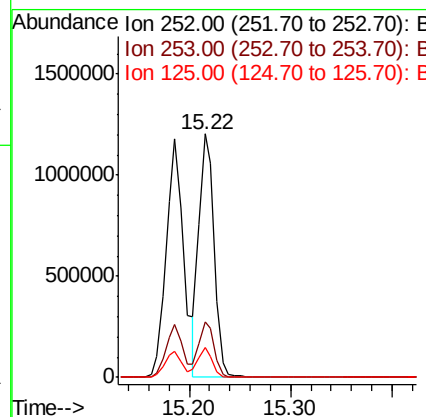
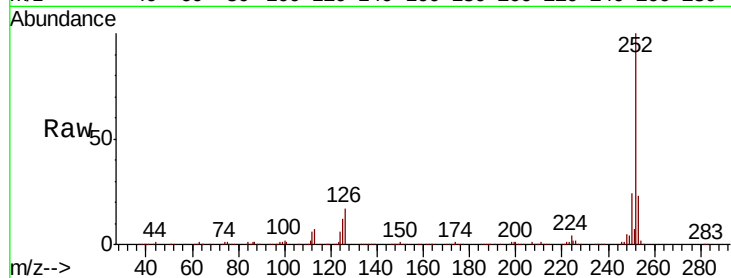
#89
Benzo(k)fluoranthene
Concen: 22.252 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	12.1	9.1	13.7

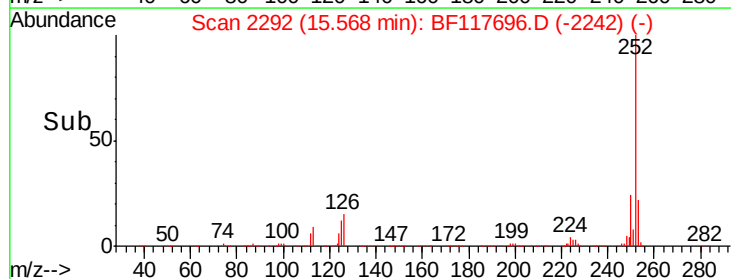
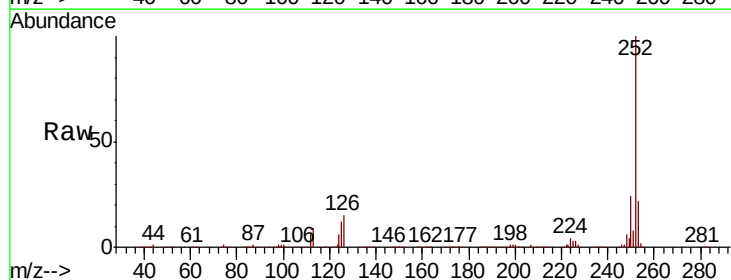
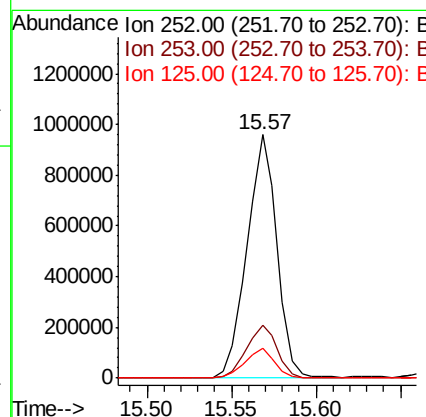
Manual Integrations
APPROVED

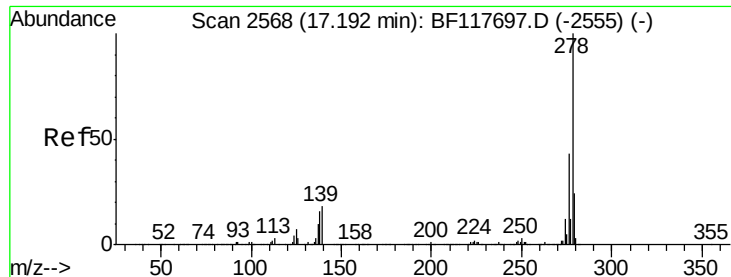
Sohil
11/8/2019 3:30:29 PM



#90
Benzo(a)pyrene
Concen: 22.399 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	12.2	9.5	14.3





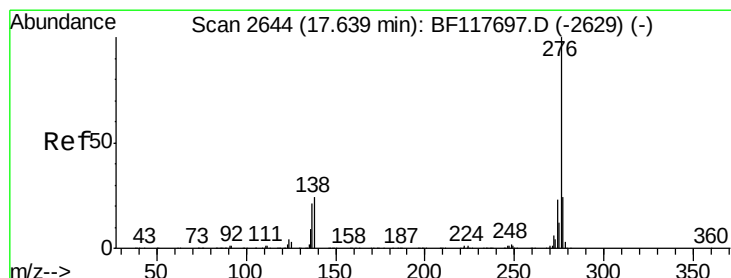
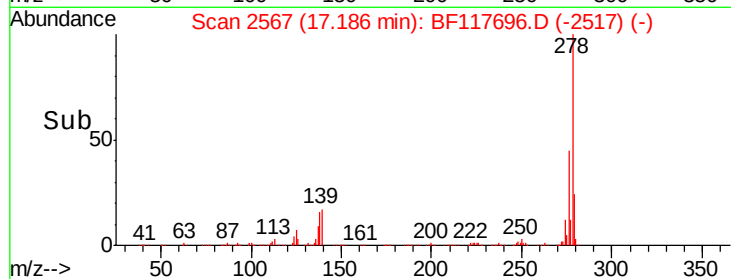
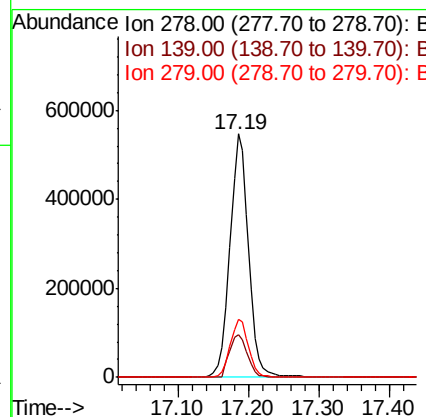
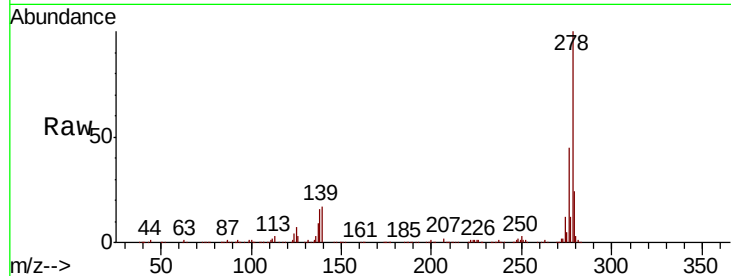
#91
Dibenzo(a,h)anthracene
Concen: 21.221 ng
RT: 17.19 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.3	21.5
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
11/8/2019 3:30:29 PM



#92
Benzo(g,h,i)perylene
Concen: 19.711 ng
RT: 17.63 min Scan# 2643
Delta R.T. -0.01 min
Lab File: BF117696.D
Acq: 6 Nov 2019 13:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	23.7	19.2	28.8

