

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
 Data File : BF117746.D
 Acq On : 8 Nov 2019 22:04
 Operator : JU
 Sample : K5722-19MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:06:29 AM

Quant Time: Nov 09 03:11:46 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 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	348995	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1388711	20.00	ng	-0.01
39) Acenaphthene-d10	9.98	164	750613	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1388088	20.00	ng	0.00
76) Chrysene-d12	14.12	240	713659	20.00	ng	0.00
87) Perylene-d12	15.63	264	804391	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	2195373	113.87	ng	0.00
7) Phenol-d6	6.56	99	2874268	120.91	ng	0.00
23) Nitrobenzene-d5	7.49	82	1838269	78.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	869087	118.36	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3167327	83.25	ng	0.00
79) Terphenyl-d14	13.06	244	3114834	89.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	344207	35.831	ng	98
3) Pyridine	3.55	79	912139	34.519	ng	97
4) n-Nitrosodimethylamine	3.50	42	490409	42.115	ng	96
6) Aniline	6.59	93	1260204	37.772	ng	98
8) 2-Chlorophenol	6.72	128	992549	46.278	ng	97
9) Benzaldehyde	6.47	77	551433	33.338	ng	96
10) Phenol	6.57	94	1218252m	47.558	ng	
11) bis(2-Chloroethyl)ether	6.66	93	936930	44.294	ng	99
12) 1,3-Dichlorobenzene	6.87	146	1064515	42.818	ng	98
13) 1,4-Dichlorobenzene	6.95	146	1078830	43.349	ng	98
14) 1,2-Dichlorobenzene	7.10	146	1012330	44.178	ng	98
15) Benzyl Alcohol	7.07	79	904150	47.700	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1403678	41.970	ng	99
17) 2-Methylphenol	7.17	107	869987	47.229	ng	99
18) Hexachloroethane	7.45	117	393549	42.781	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	681605	43.606	ng	99
20) 3+4-Methylphenols	7.33	107	1005779	45.854	ng	93
22) Acetophenone	7.34	105	1308512	41.227	ng	# 99
24) Nitrobenzene	7.52	77	1077209	43.856	ng	98
25) Isophorone	7.76	82	1976364	43.930	ng	100
26) 2-Nitrophenol	7.83	139	574104	50.347	ng	99
27) 2,4-Dimethylphenol	7.86	122	979577	50.947	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	1194720	41.370	ng	100
29) 2,4-Dichlorophenol	8.07	162	900162	45.442	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	962900	42.462	ng	99
31) Naphthalene	8.24	128	2830833	44.597	ng	100
32) Benzoic acid	7.99	122	741070	48.691	ng	99
33) 4-Chloroaniline	8.28	127	730120	24.754	ng	97
34) Hexachlorobutadiene	8.36	225	526432	40.538	ng	98
35) Caprolactam	8.66	113	317465m	48.353	ng	
36) 4-Chloro-3-methylphenol	8.76	107	939399	46.996	ng	99
37) 2-Methylnaphthalene	8.93	142	1981479	45.854	ng	99
38) 1-Methylnaphthalene	9.03	142	1877602	45.754	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	863893	42.069	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	868154	78.366	ng	98
43) 2,4,6-Trichlorophenol	9.21	196	685178	45.813	ng	98
44) 2,4,5-Trichlorophenol	9.25	196	704052	46.443	ng	99
46) 1,1'-Biphenyl	9.40	154	2321152	44.154	ng	99
47) 2-Chloronaphthalene	9.43	162	1862173	42.685	ng	98
48) 2-Nitroaniline	9.52	65	606067	44.331	ng	98
49) Acenaphthylene	9.85	152	2973274	46.799	ng	99
50) Dimethylphthalate	9.70	163	2504536	49.356	ng	99
51) 2,6-Dinitrotoluene	9.76	165	533031	46.910	ng	90
52) Acenaphthene	10.02	154	1885098	45.982	ng	99
53) 3-Nitroaniline	9.93	138	392183	28.609	ng	96
54) 2,4-Dinitrophenol	10.03	184	324817	83.383	ng	# 81
55) Dibenzofuran	10.19	168	2582602	45.020	ng	97
56) 4-Nitrophenol	10.09	139	921170	89.351	ng	98
57) 2,4-Dinitrotoluene	10.17	165	705897	48.428	ng	99
58) Fluorene	10.53	166	1891804	44.745	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	581802	46.168	ng	100
60) Diethylphthalate	10.40	149	2195346	43.991	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	969800	44.064	ng	98
62) 4-Nitroaniline	10.55	138	532081	39.435	ng	99
63) Azobenzene	10.69	77	2071709	43.831	ng	95
65) 4,6-Dinitro-2-methylphenol	10.57	198	254152	45.853	ng	92
66) n-Nitrosodiphenylamine	10.64	169	1800332	43.913	ng	99
67) 4-Bromophenyl-phenylether	11.02	248	654661	43.185	ng	95
68) Hexachlorobenzene	11.08	284	736560	42.059	ng	97
69) Atrazine	11.17	200	645769	47.800	ng	99
70) Pentachlorophenol	11.27	266	785777	80.265	ng	97
71) Phenanthrene	11.50	178	3132491	47.081	ng	99
72) Anthracene	11.55	178	3025450	45.706	ng	98
73) Carbazole	11.70	167	2653007	43.843	ng	99
74) Di-n-butylphthalate	12.03	149	3285911	44.658	ng	99
75) Fluoranthene	12.69	202	3639769	53.576	ng	99
77) Benzidine	12.80	184	1123019	45.262	ng	97
78) Pyrene	12.92	202	3539690	67.945	ng	98
80) Butylbenzylphthalate	13.53	149	1320902	54.893	ng	98
81) Benzo(a)anthracene	14.11	228	2459656	55.370	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	670019	40.385	ng	99
83) Chrysene	14.15	228	2464923	56.188	ng	100
84) Bis(2-ethylhexyl)phthalate	14.10	149	1789931	57.665	ng	100
85) Di-n-octyl phthalate	14.72	149	2787233	57.062	ng	99
86) Indeno(1,2,3-cd)pyrene	17.17	276	2547623	62.394	ng	99
88) Benzo(b)fluoranthene	15.19	252	3031155	59.831	ng	99
89) Benzo(k)fluoranthene	15.22	252	1953554	43.235	ng	98
90) Benzo(a)pyrene	15.57	252	2230855	50.797	ng	99
91) Dibenzo(a,h)anthracene	17.19	278	1909745	48.485	ng	98
92) Benzo(g,h,i)perylene	17.64	276	2104657	55.136	ng	99

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

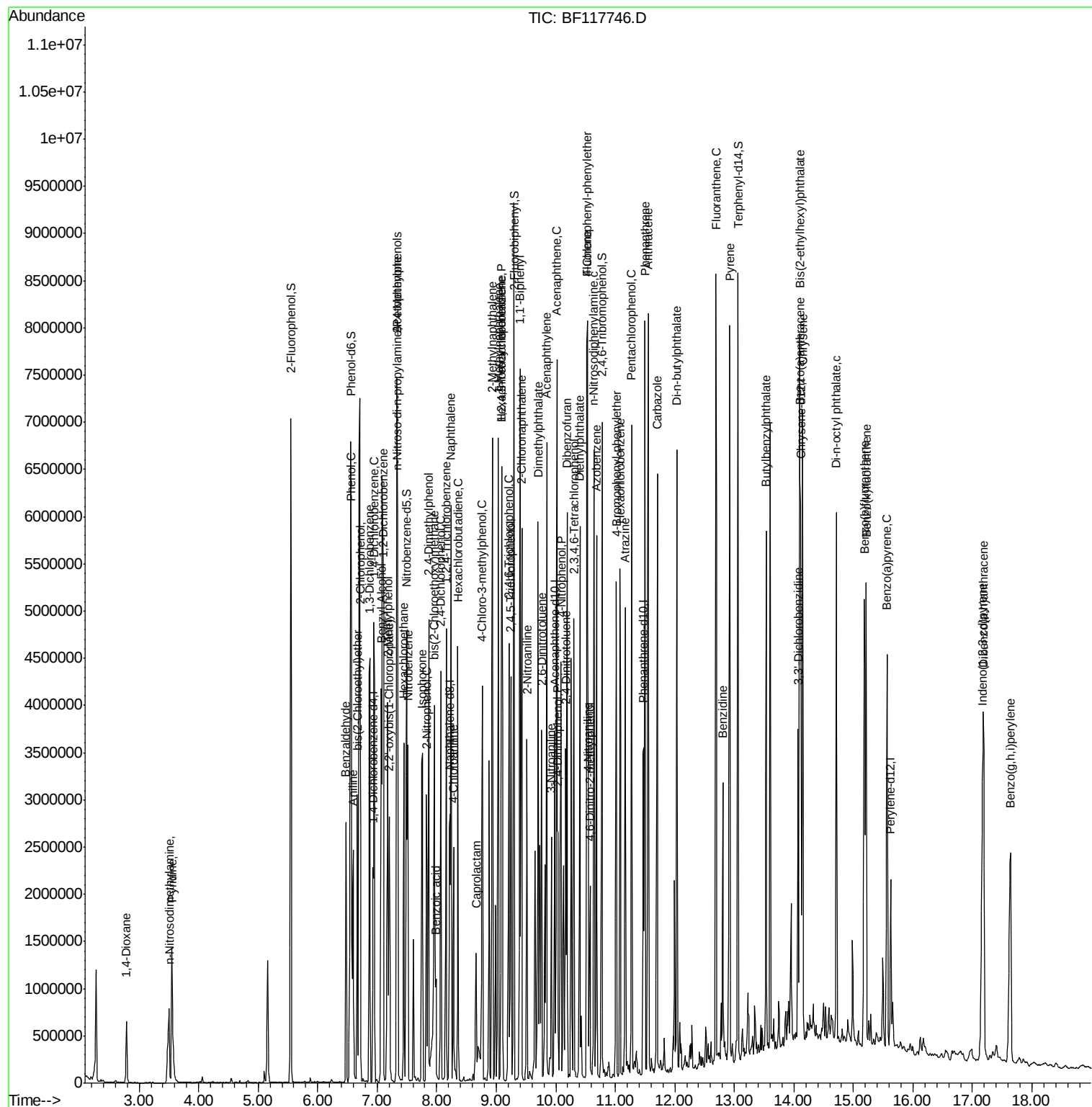
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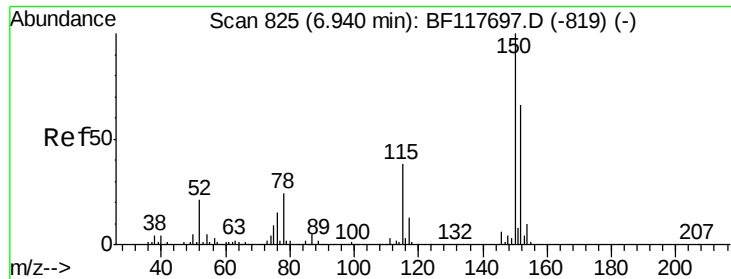
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#1

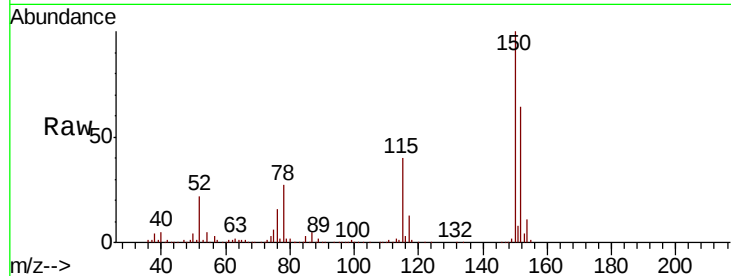
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	121.4	182.2
115	62.9	46.7	70.1

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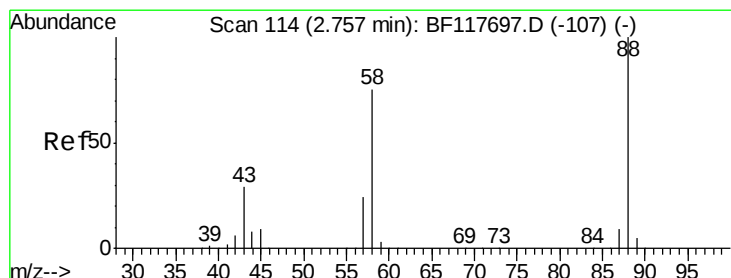
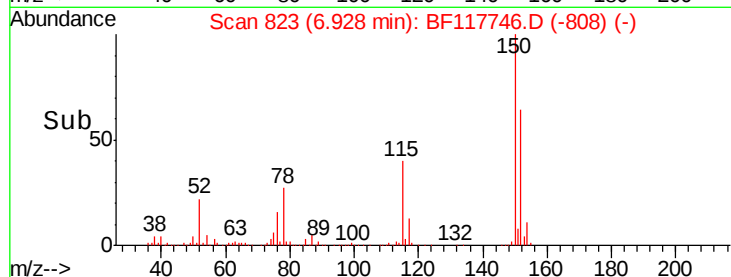
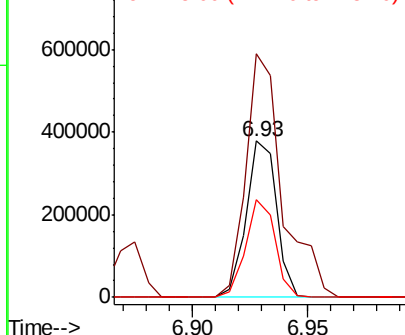


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

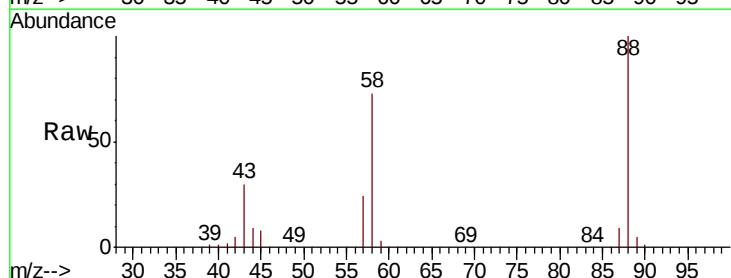
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.831 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.03 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	60.1	90.1
43	29.1	24.0	36.0

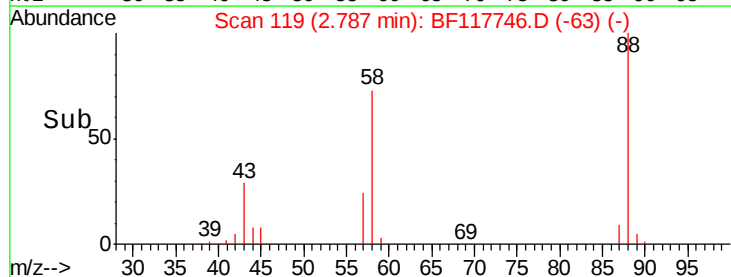
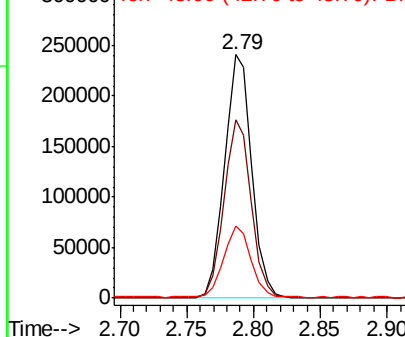


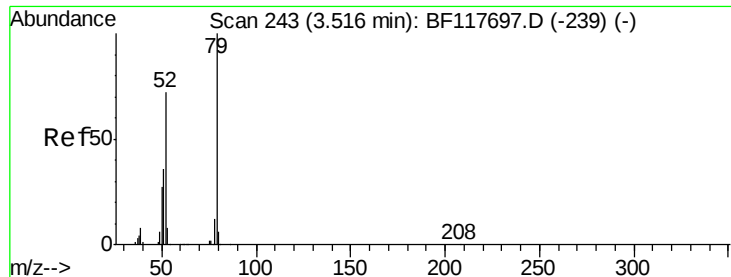
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.519 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.04 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

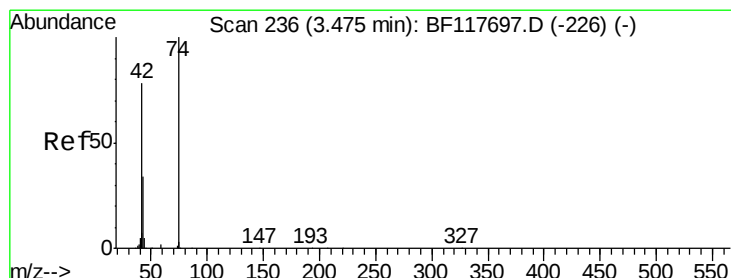
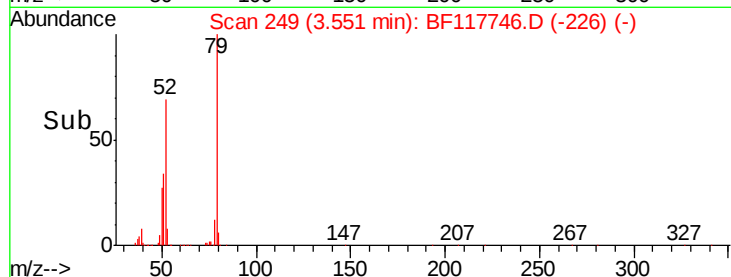
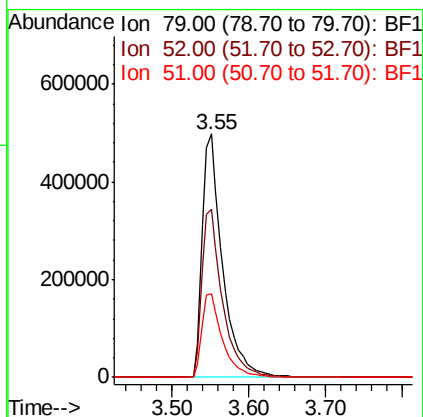
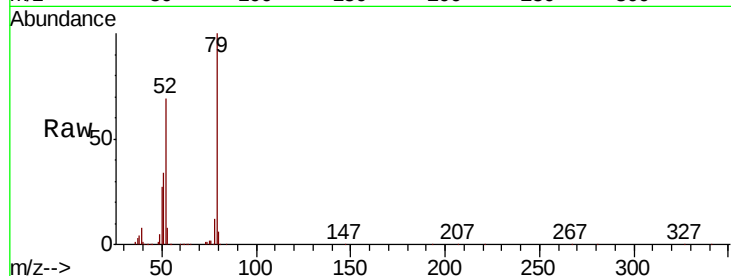
ClientSampleId :

3-CMSD

Tot Ion:	79	Resp:	912139
Ion	Ratio	Lower	Upper
79	100		
52	68.9	57.2	85.8
51	34.1	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 42.115 ng

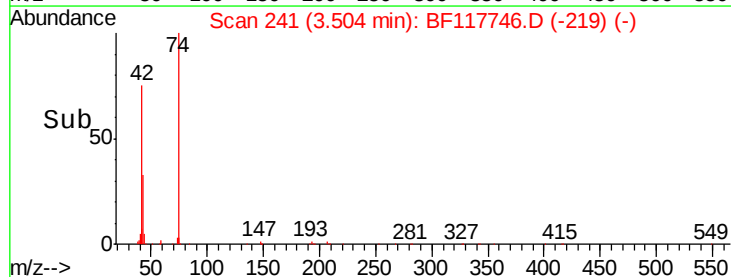
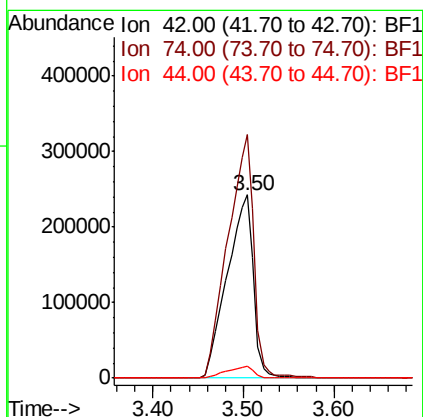
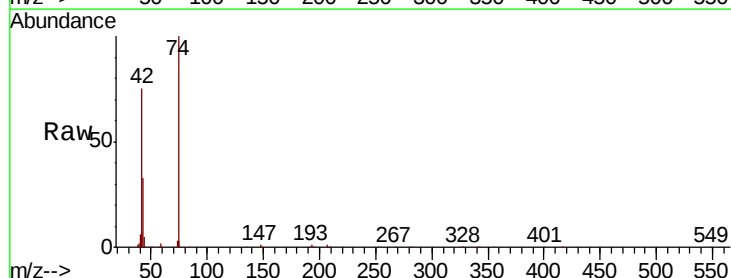
RT: 3.50 min Scan# 241

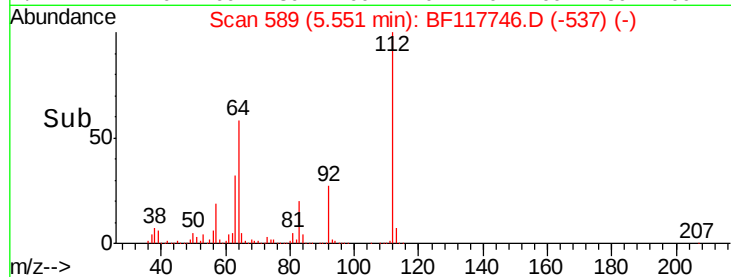
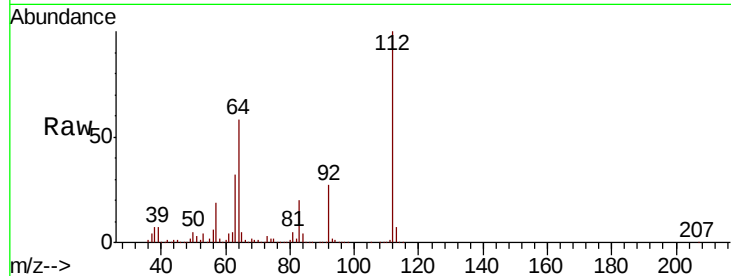
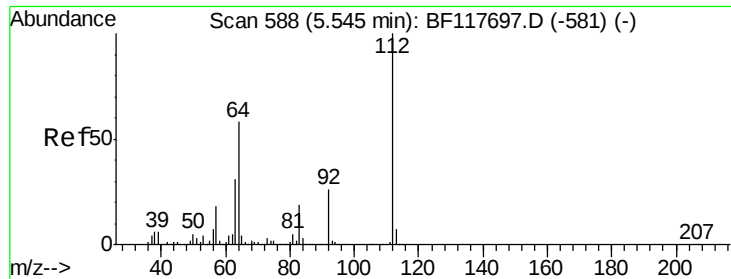
Delta R.T. 0.03 min

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Tgt Ion:	42	Resp:	490409
Ion	Ratio	Lower	Upper
42	100		
74	133.1	103.1	154.7
44	6.7	5.0	7.6





#5

2-Fluorophenol

Concen: 113.869 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampled :

3-CMSD

Tot Ion:112 Resp: 2195373

Ion Ratio Lower Upper

112 100

64 57.8 46.4 69.6

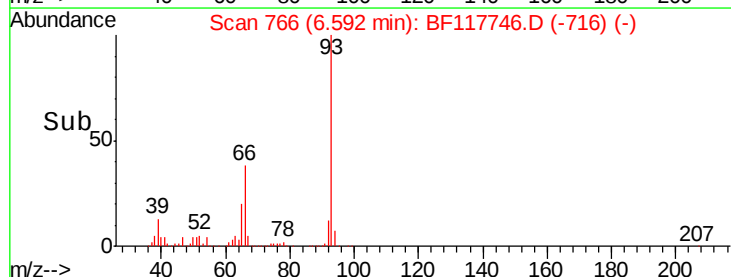
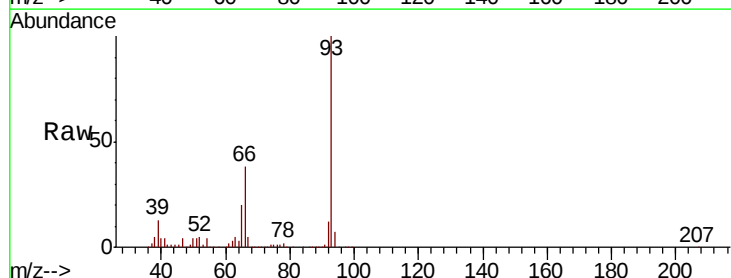
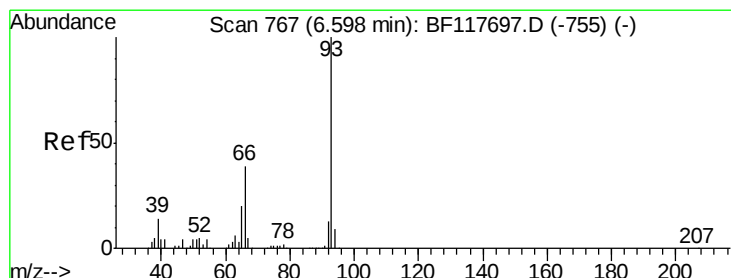
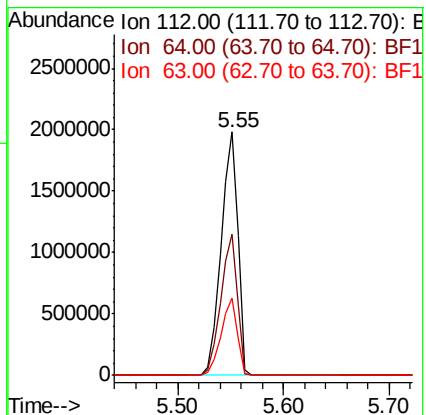
63 31.8 24.6 37.0

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#6

Aniline

Concen: 37.772 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

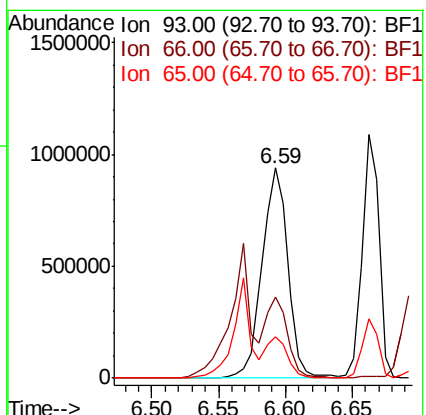
Tgt Ion: 93 Resp: 1260204

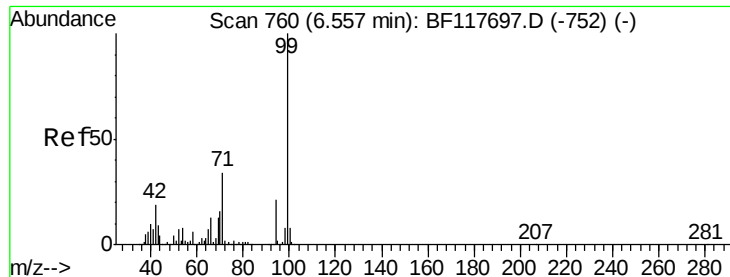
Ion Ratio Lower Upper

93 100

66 38.3 31.7 47.5

65 19.6 15.8 23.8





#7

Phenol-d6

Concen: 120.907 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

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ClientSampled :

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Tot Ion: 99 Resp: 2874268

Ion Ratio Lower Upper

99 100

42 20.4 15.3 22.9

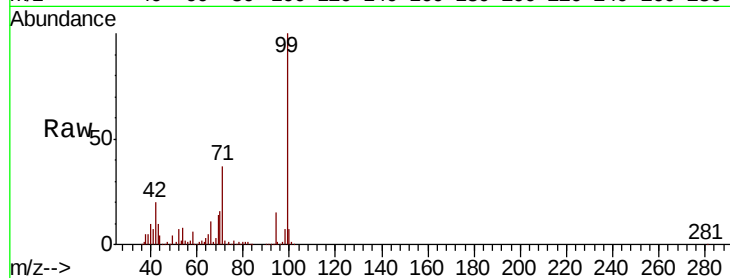
71 37.0 26.8 40.2

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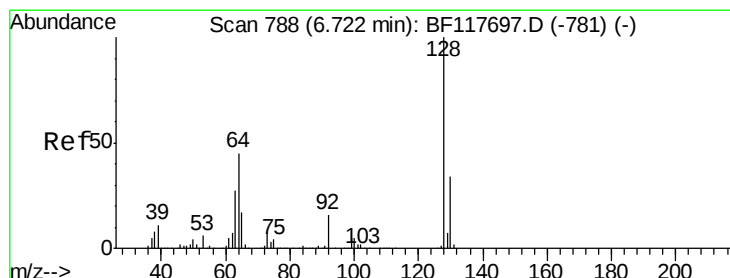
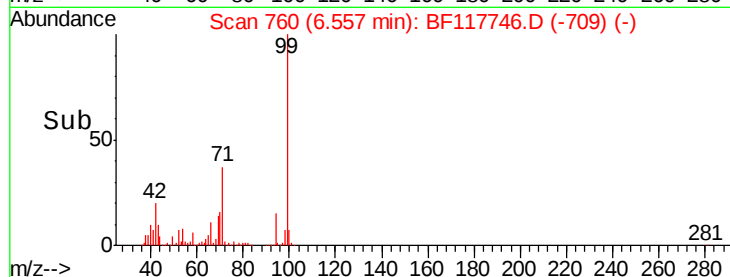
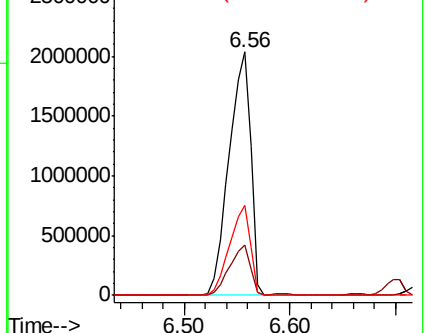
11/11/2019 8:06:29 AM



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: 46.278 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

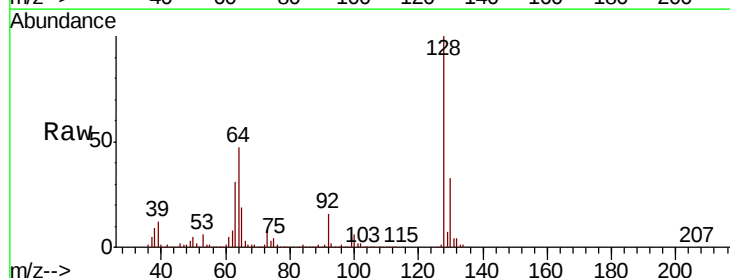
Tgt Ion: 128 Resp: 992549

Ion Ratio Lower Upper

128 100

130 32.6 13.6 53.6

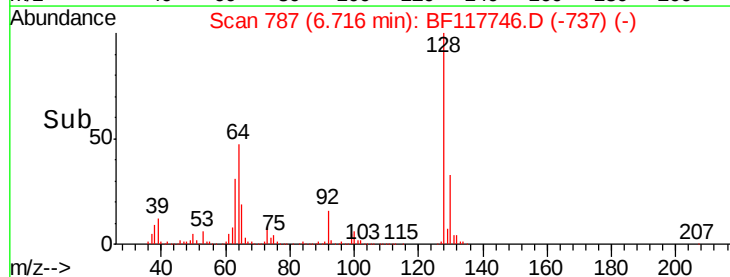
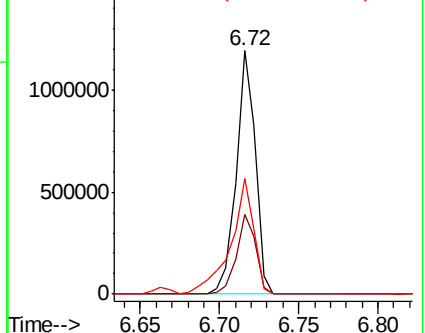
64 47.4 25.2 65.2

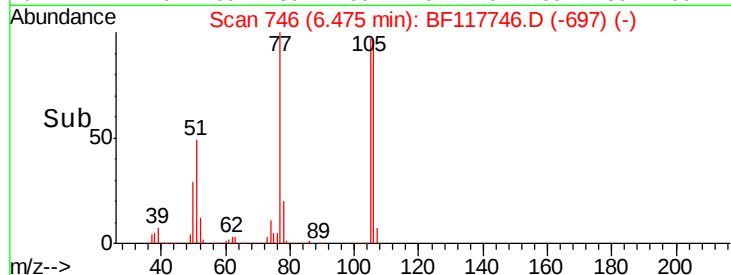
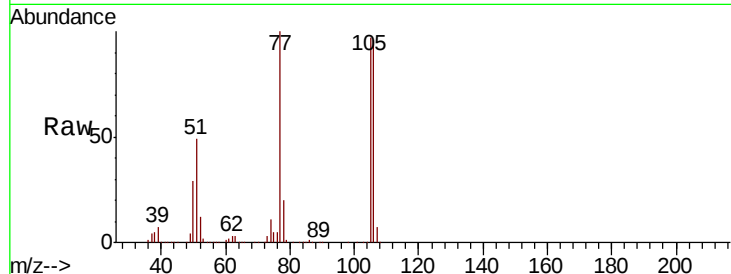
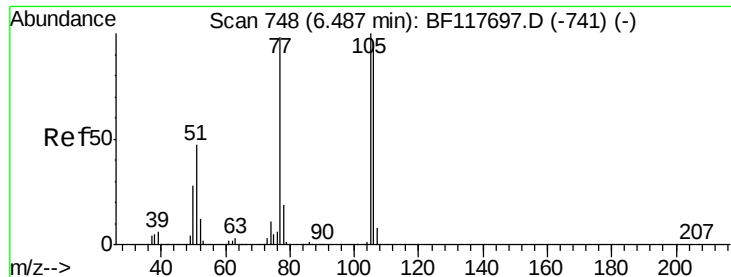


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





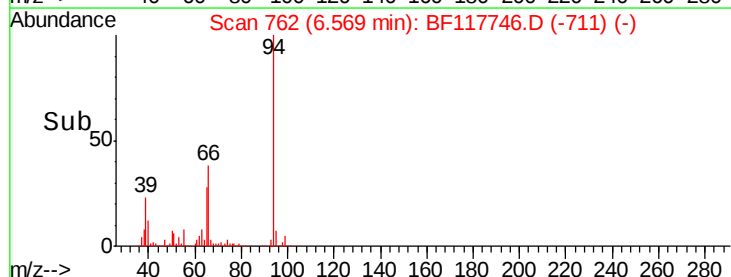
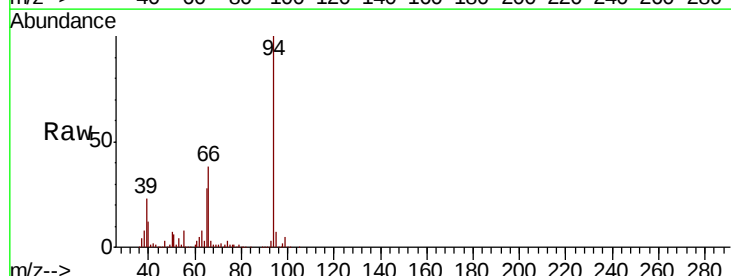
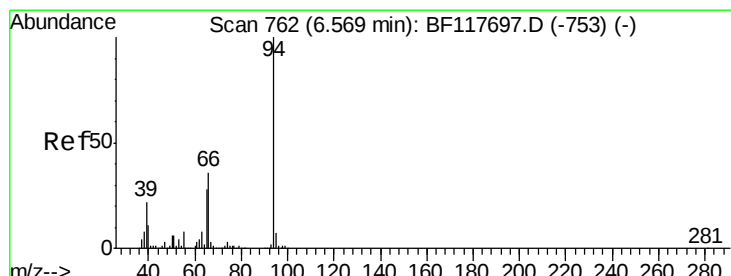
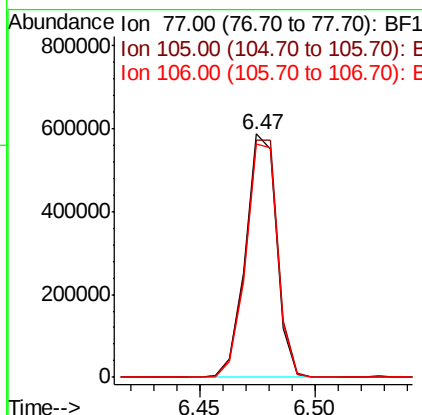
#9
Benzaldehyde
Concen: 33.338 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.4	82.3	122.3
106	95.9	78.0	118.0

Instrument :
BNA_F
ClientSampleId :
3-CMSD

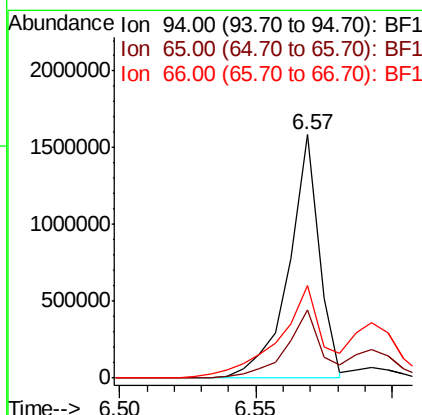
Manual Integrations
APPROVED

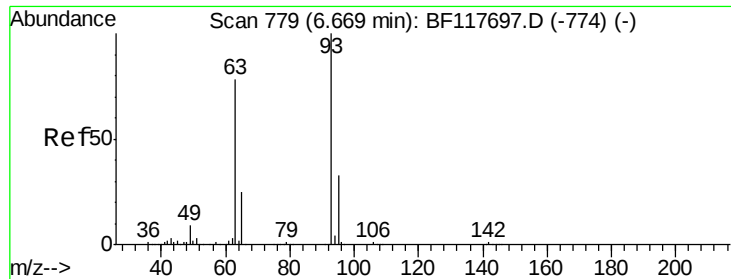
mohammad
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#10
Phenol
Concen: 47.558 ng m
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.6	47.6
66	38.2	16.1	56.1





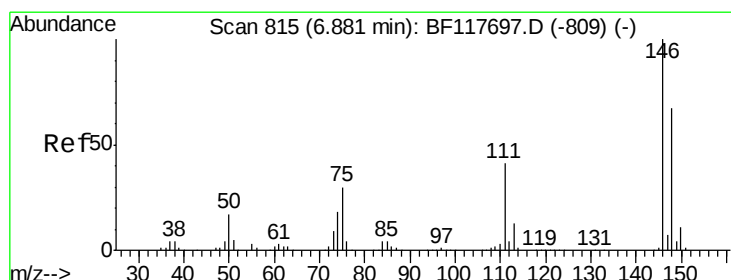
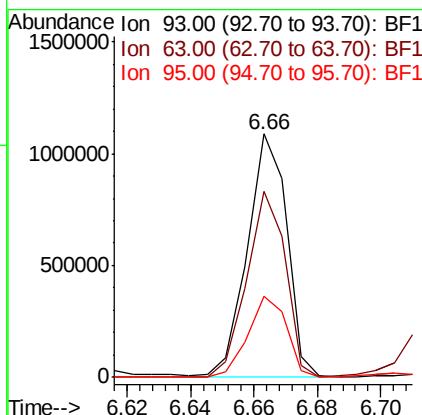
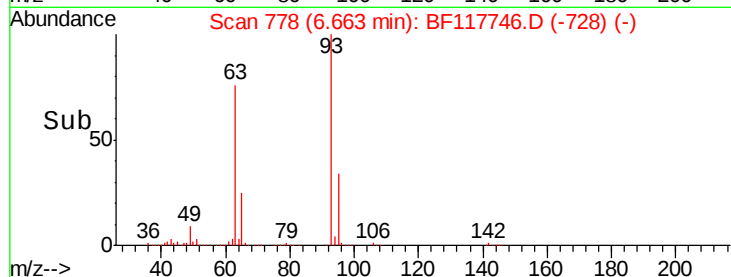
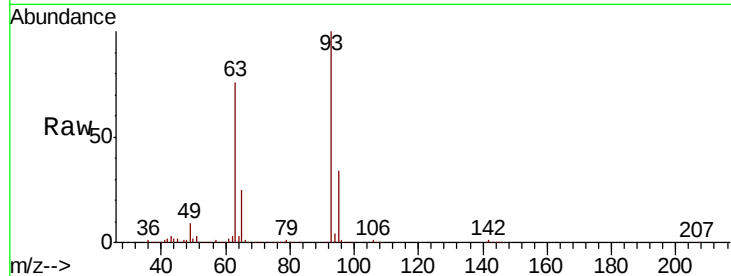
#11
bis(2-Chloroethyl)ether
Concen: 44.294 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion:	93	Resp:	936930
Ion	Ratio	Lower	Upper
93	100		
63	76.3	57.6	97.6
95	33.5	12.7	52.7

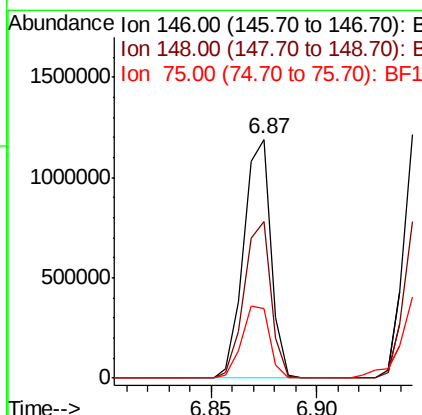
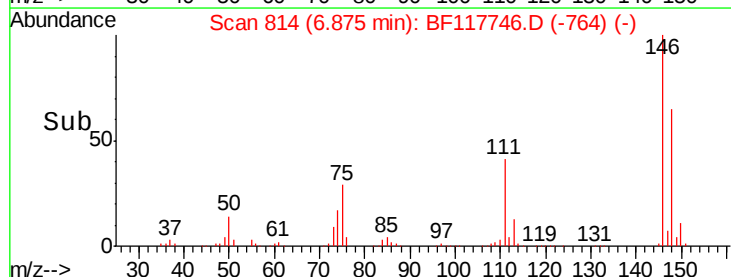
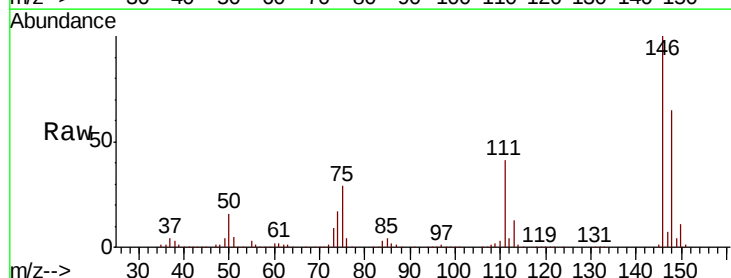
Manual Integrations
APPROVED

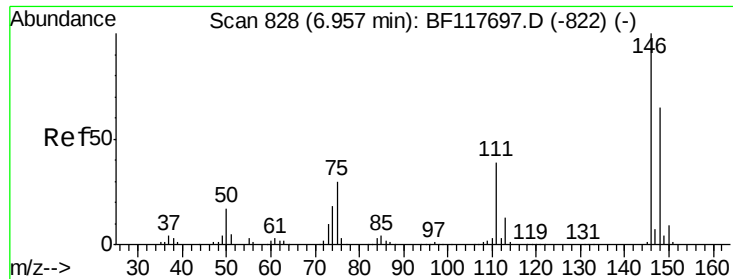
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.818 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:	146	Resp:	1064515
Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.4	80.2
75	29.0	24.0	36.0





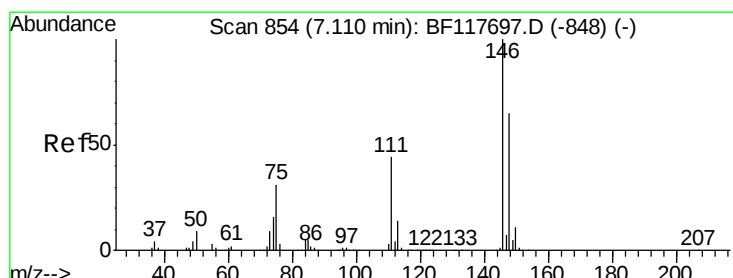
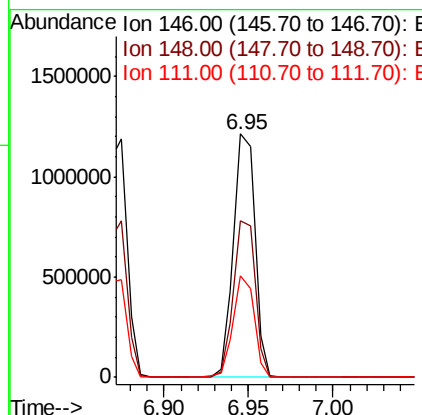
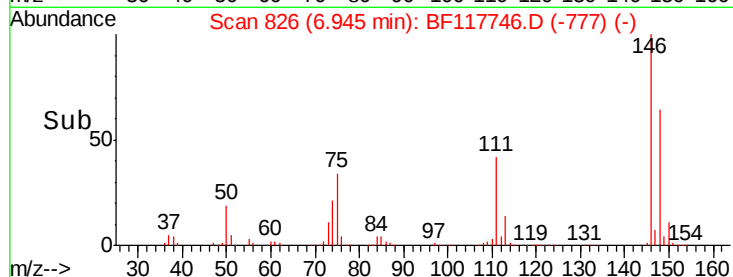
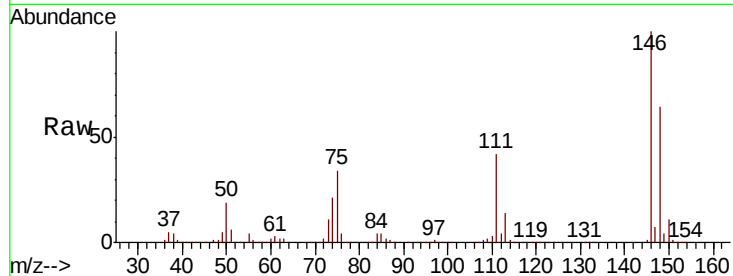
#13
1,4-Dichlorobenzene
Concen: 43.349 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion:146 Resp: 1078830
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
111 41.7 31.6 47.4

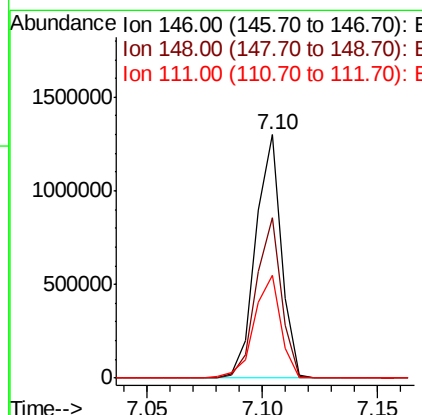
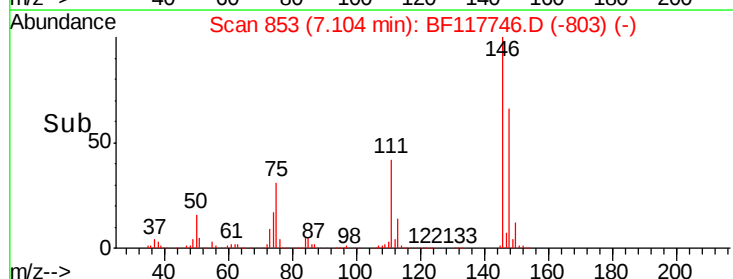
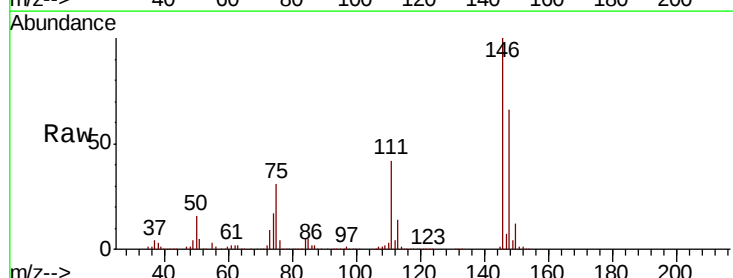
Manual Integrations
APPROVED

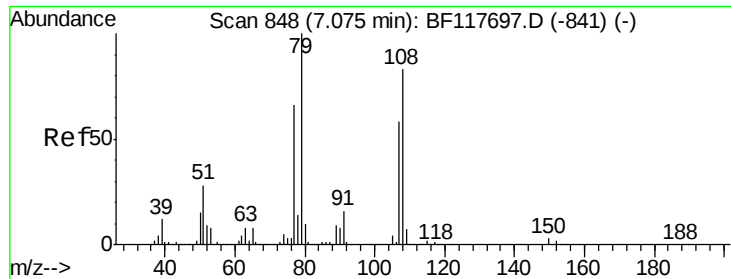
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#14
1,2-Dichlorobenzene
Concen: 44.178 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:146 Resp: 1012330
Ion Ratio Lower Upper
146 100
148 65.8 52.1 78.1
111 42.0 35.1 52.7





#15

Benzyl Alcohol

Concen: 47.700 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

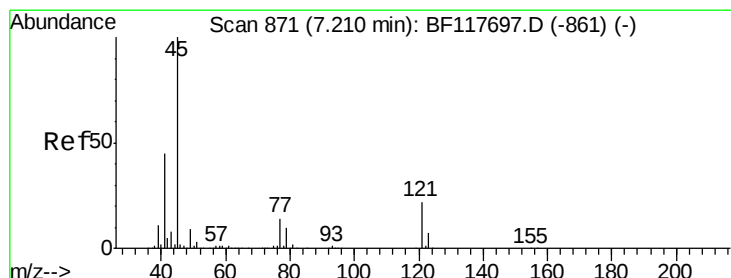
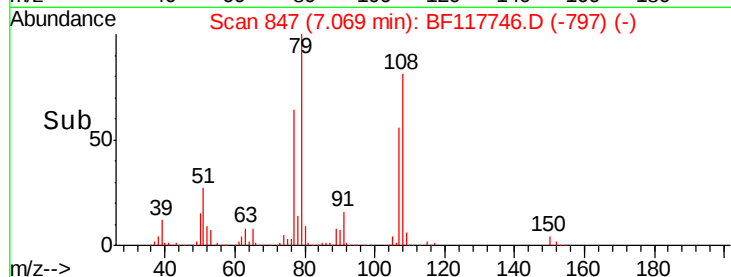
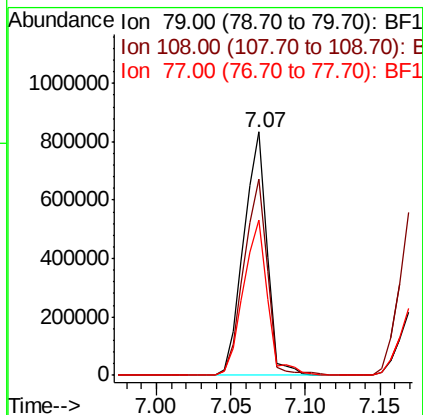
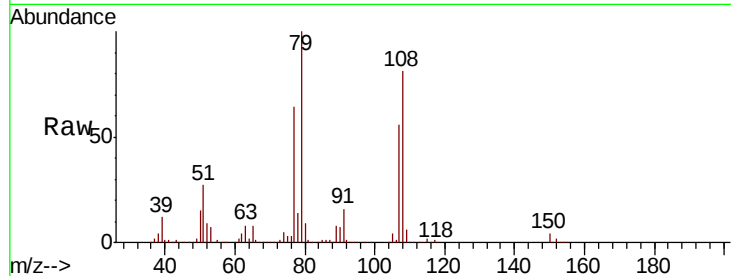
ClientSampled :

3-CMSD

Tot Ion:	79	Resp:	904150
Ion	Ratio	Lower	Upper
79	100		
108	80.5	66.5	99.7
77	63.9	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.970 ng

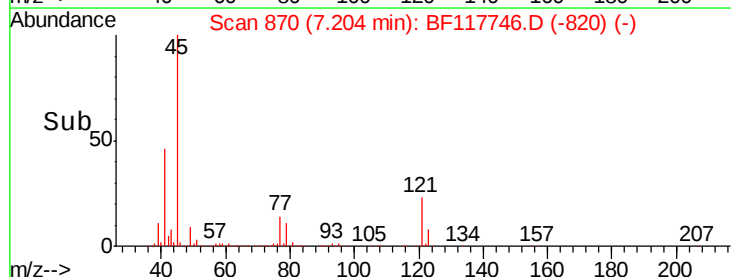
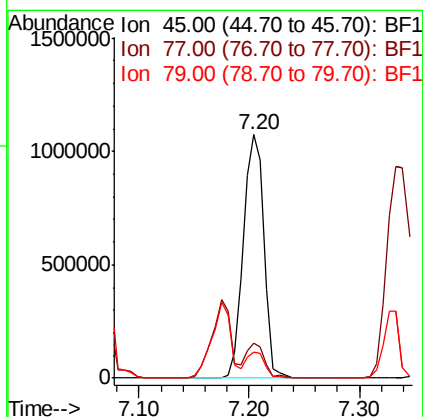
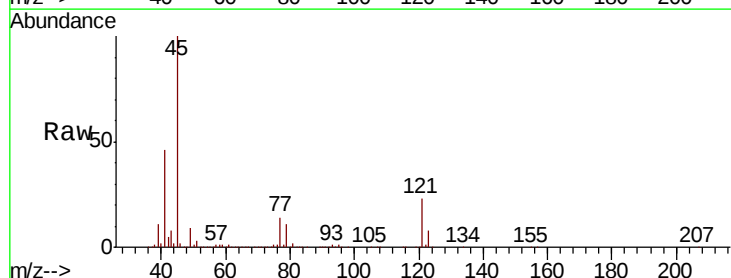
RT: 7.20 min Scan# 870

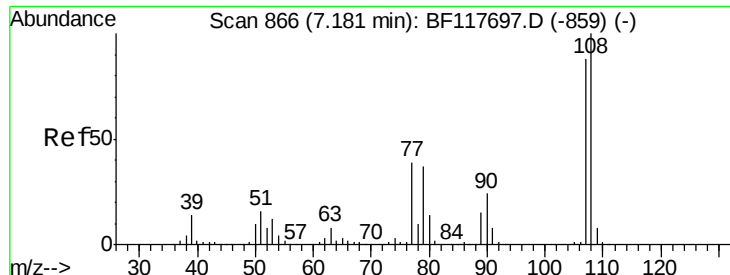
Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Tgt Ion:	45	Resp:	1403678
Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	33.8
79	10.8	0.0	30.5





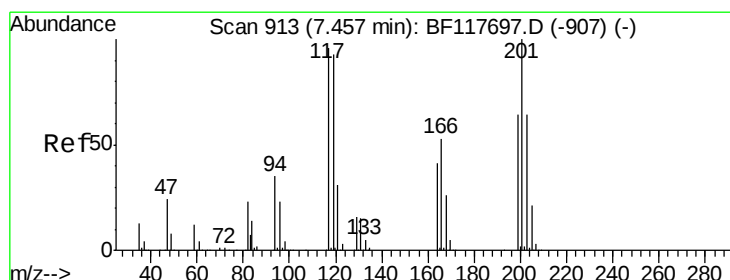
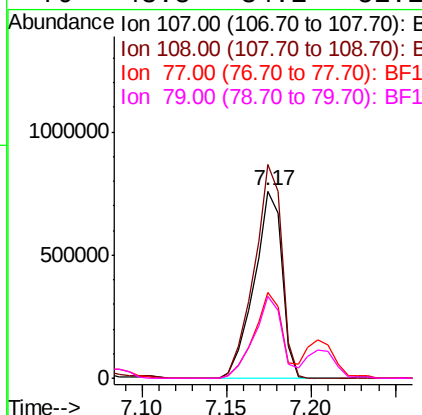
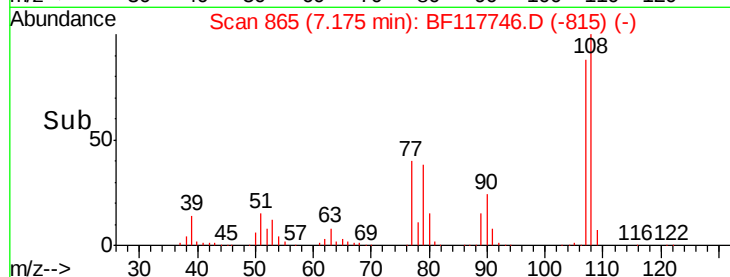
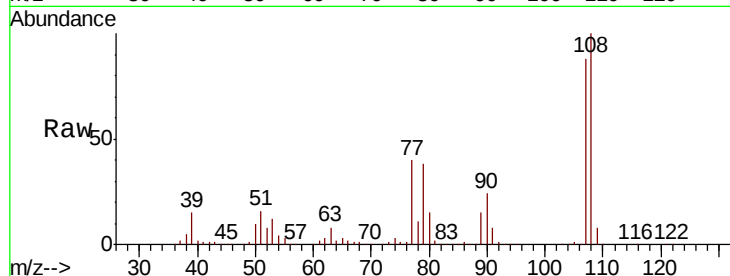
#17
2-Methylphenol
Concen: 47.229 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampled :
3-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	869987		
108	114.0	91.1	136.7	
77	45.8	35.8	53.8	
79	43.8	34.1	51.1	

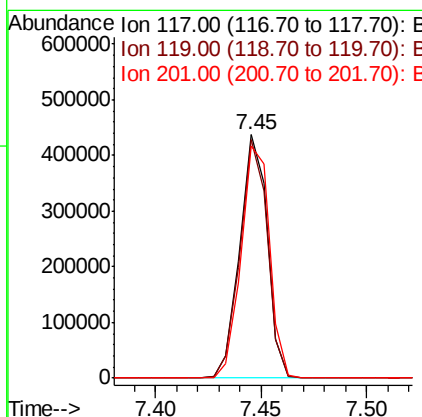
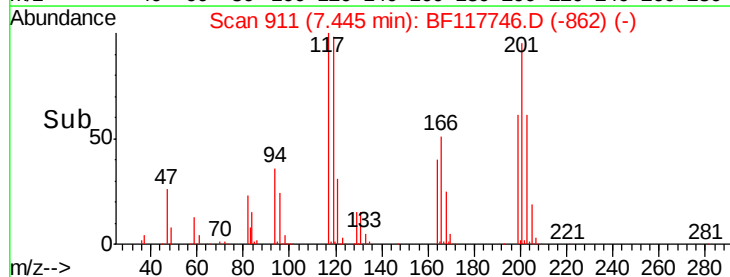
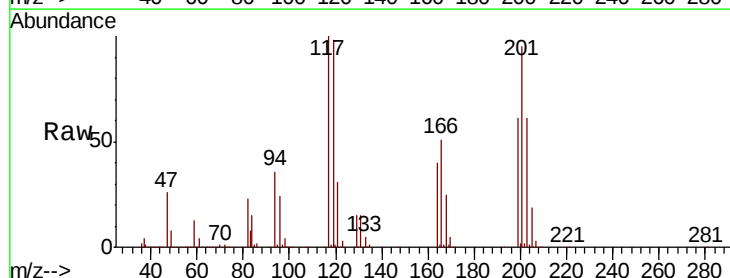
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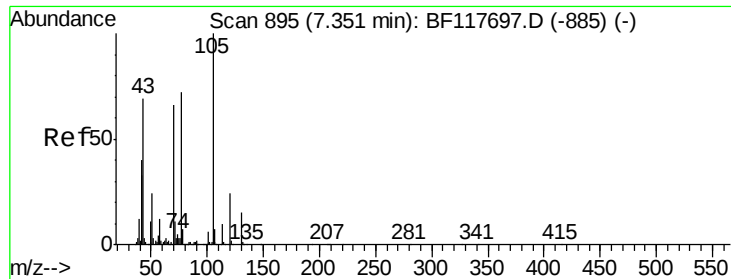
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#18
Hexachloroethane
Concen: 42.781 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	393549		
119	97.9	77.7	116.5	
201	95.1	83.2	124.8	





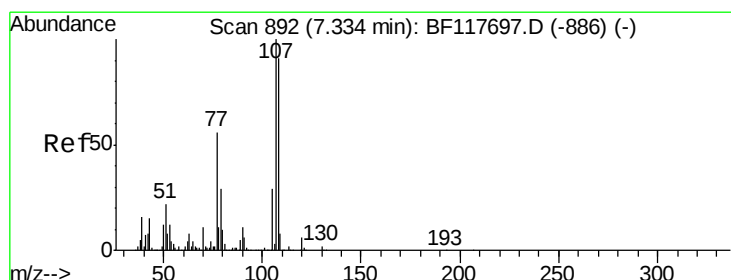
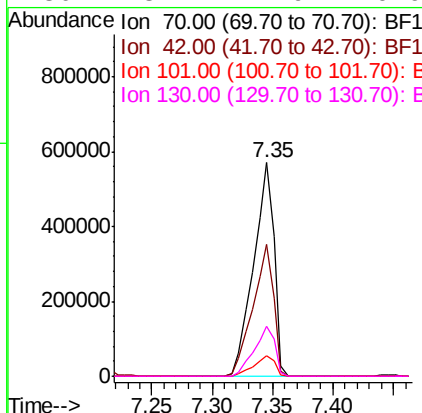
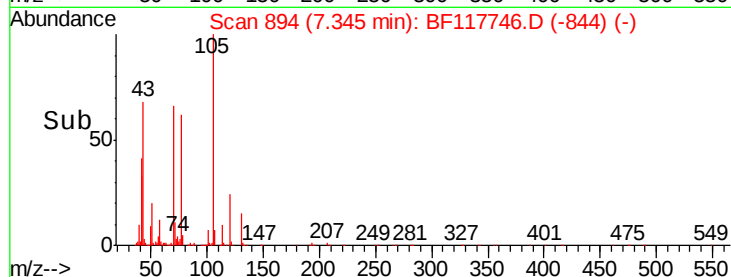
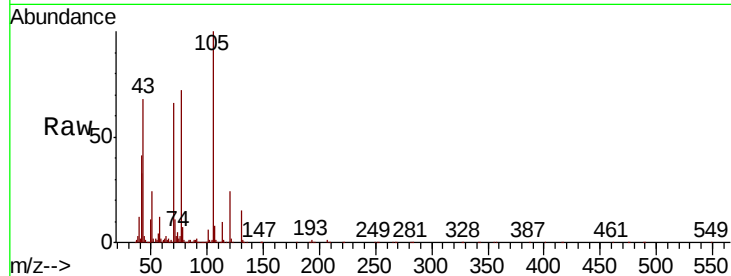
#19
n-Nitroso-di-n-propylamine
Concen: 43.606 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	49.1	73.7
101	9.8	7.8	11.8
130	23.2	17.9	26.9

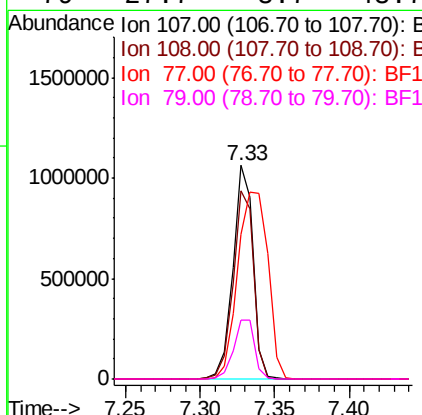
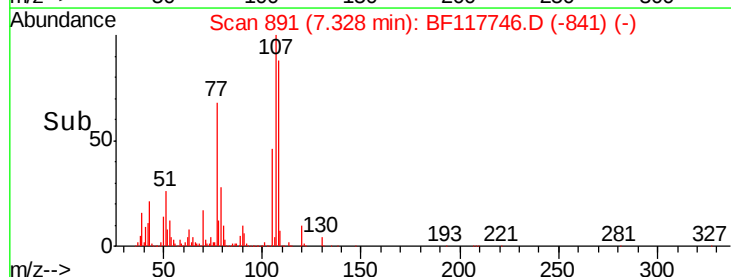
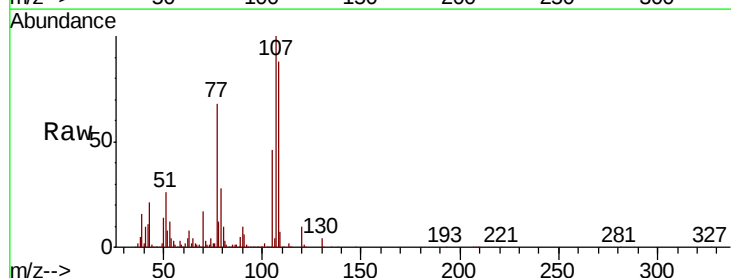
Manual Integrations
APPROVED

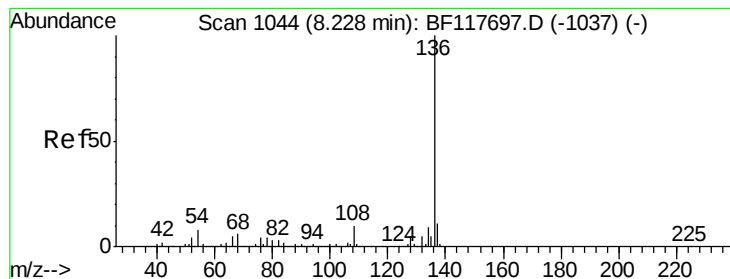
mohammad
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#20
3+4-Methylphenols
Concen: 45.854 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	70.5	110.5
77	67.7	35.6	75.6
79	27.7	8.7	48.7





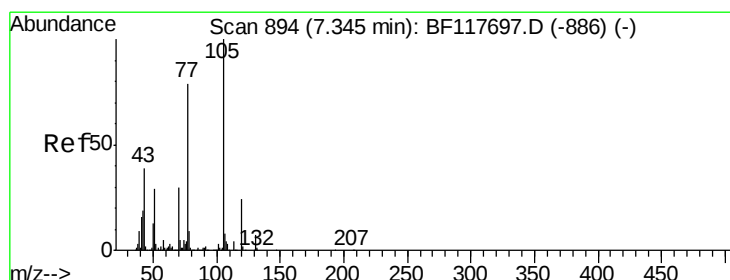
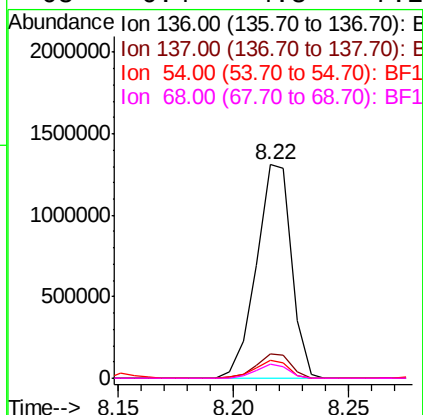
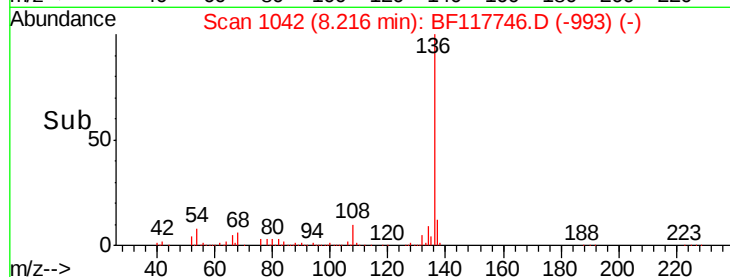
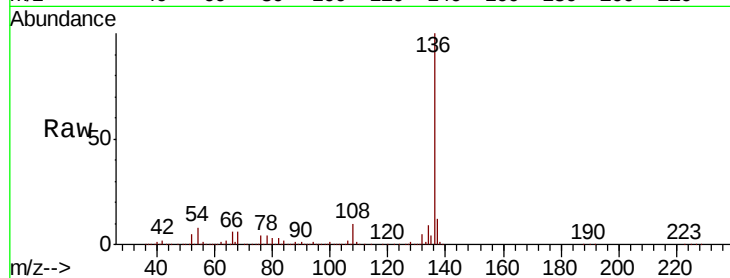
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1388711		
137	11.6	8.8	13.2		
54	8.2	6.0	9.0		
68	6.4	4.8	7.2		

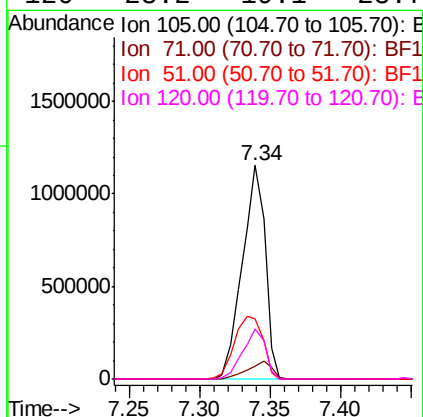
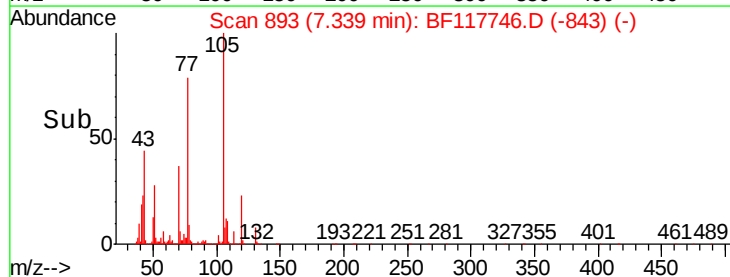
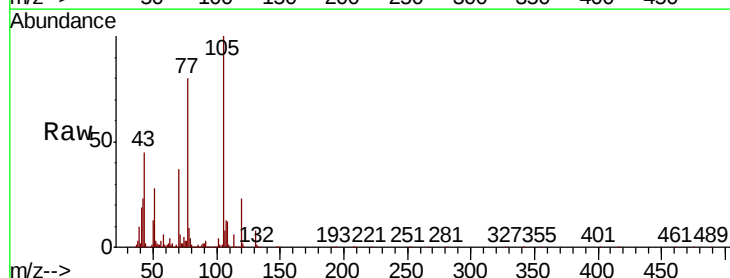
Manual Integrations
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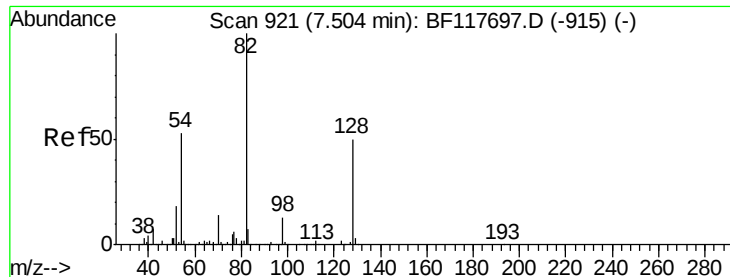
mohammad
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#22
Acetophenone
Concen: 41.227 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1308512		
71	6.3	3.9	5.9#		
51	28.1	23.0	34.4		
120	23.2	19.1	28.7		





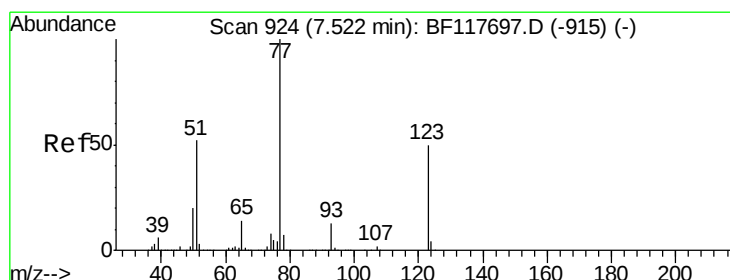
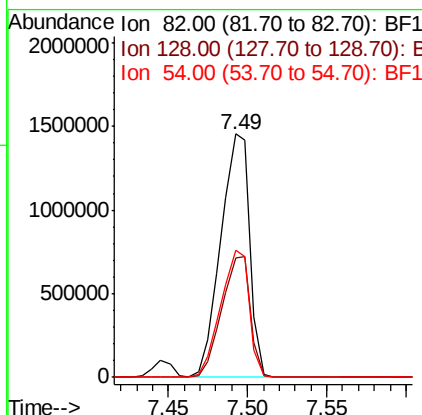
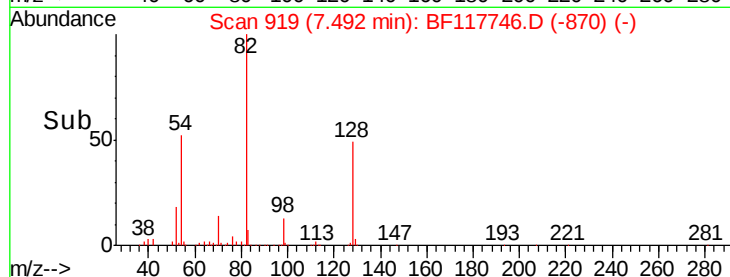
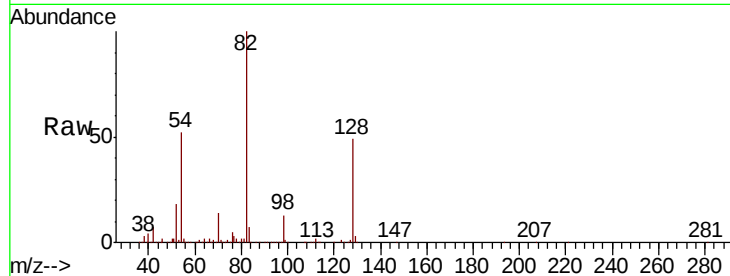
#23
Nitrobenzene-d5
Concen: 78.151 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampled :
3-CMSD

Tot Ion: 82 Resp: 1838269
Ion Ratio Lower Upper
82 100
128 48.9 40.2 60.2
54 52.0 42.0 63.0

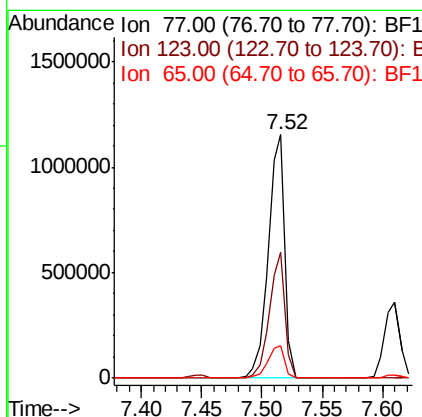
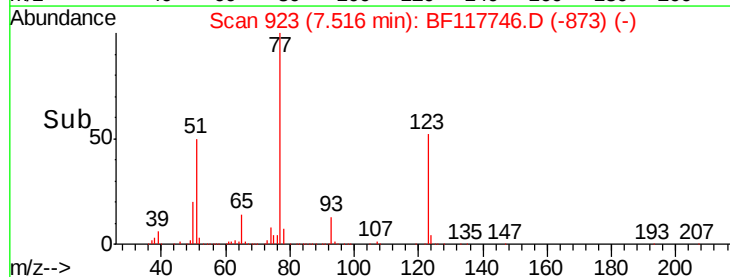
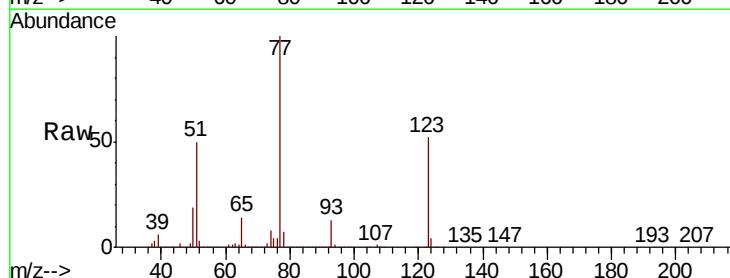
Manual Integrations
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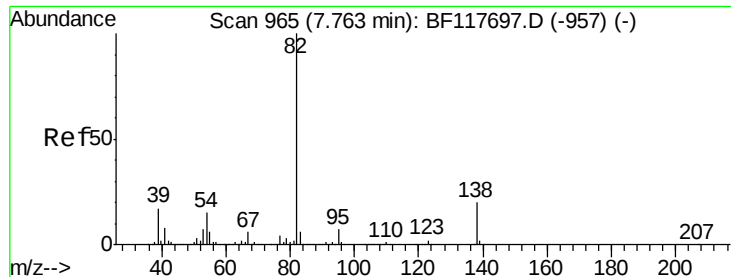
mohammad
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#24
Nitrobenzene
Concen: 43.856 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion: 77 Resp: 1077209
Ion Ratio Lower Upper
77 100
123 51.9 40.4 60.6
65 13.5 10.8 16.2





#25

Isophorone

Concen: 43.930 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

Tot Ion: 82 Resp: 1976364

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

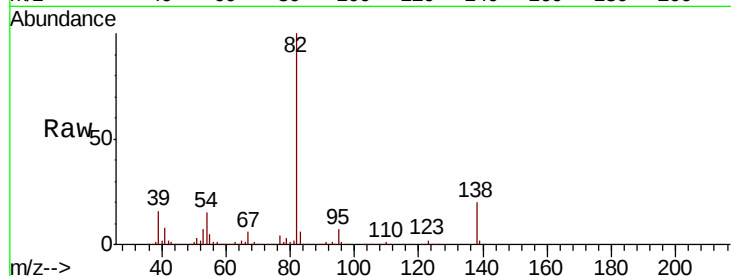
138 20.0 16.2 24.2

Manual Integrations

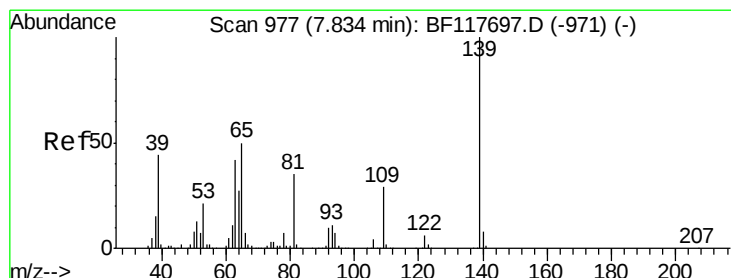
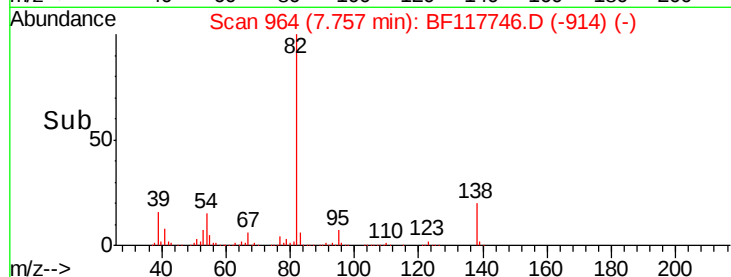
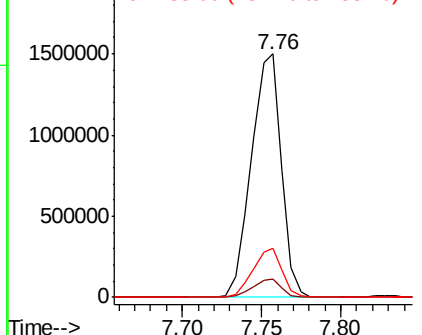
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.347 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

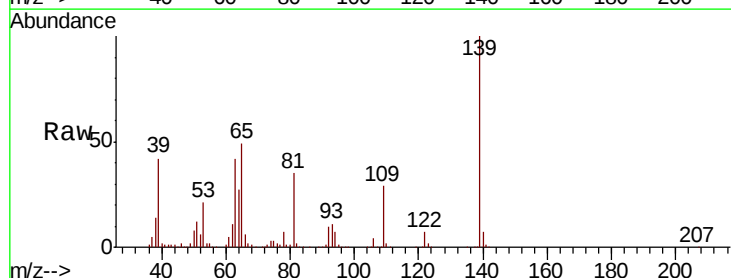
Tgt Ion: 139 Resp: 574104

Ion Ratio Lower Upper

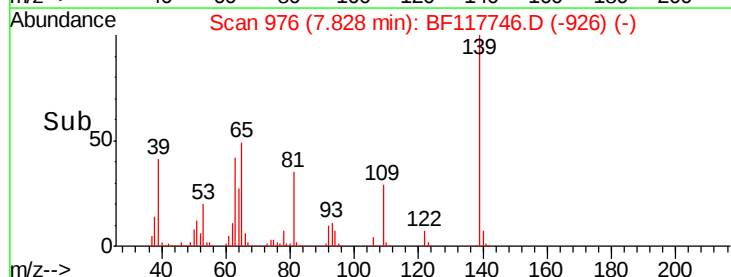
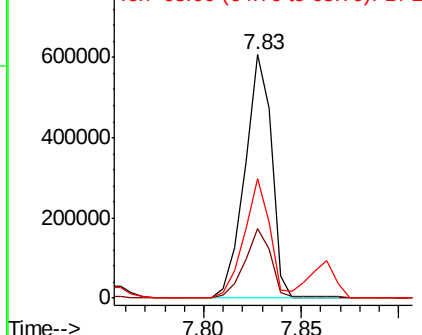
139 100

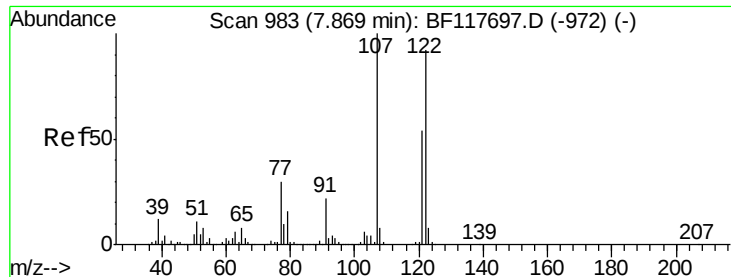
109 28.7 22.8 34.2

65 48.9 40.2 60.4



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





#27

2,4-Dimethylphenol

Concen: 50.947 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

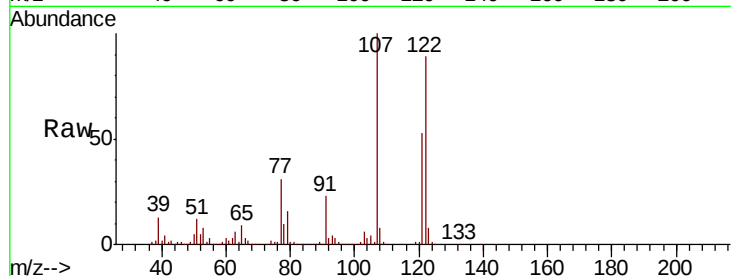
ClientSampled :

3-CMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	87.1	130.7
121	59.8	46.9	70.3

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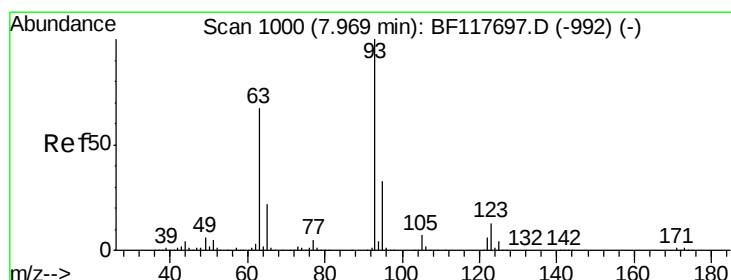
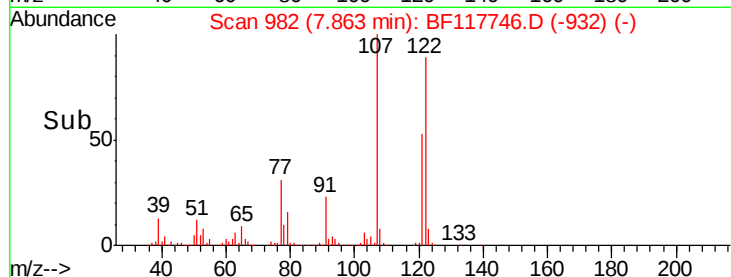
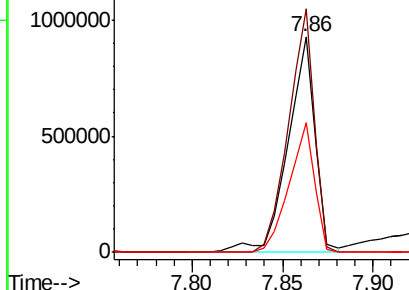


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.370 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

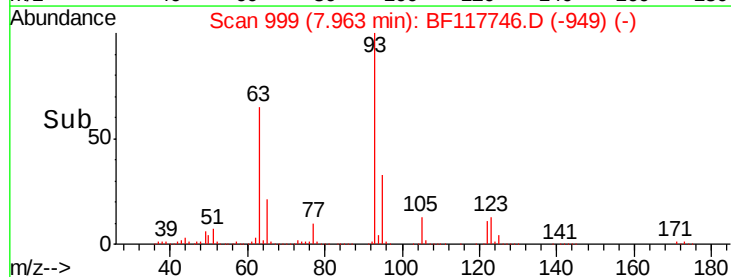
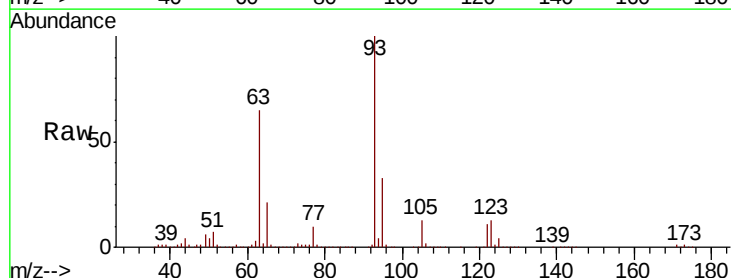
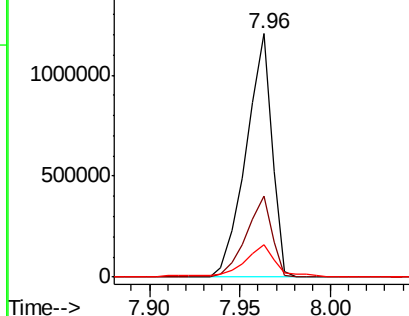
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.8	40.2
123	13.1	10.4	15.6

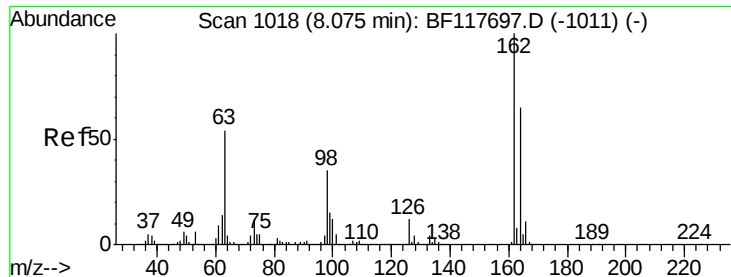
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





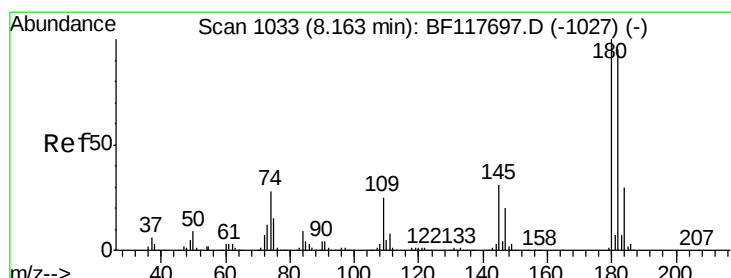
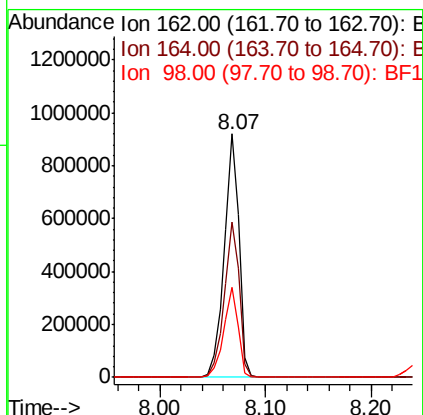
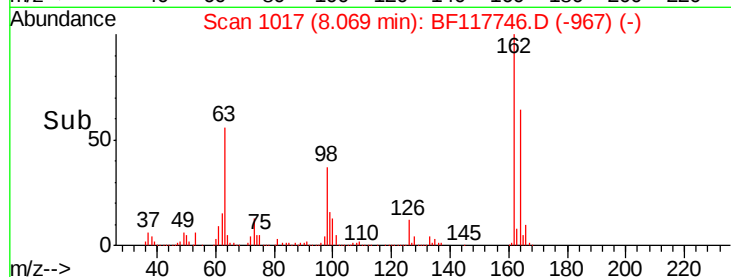
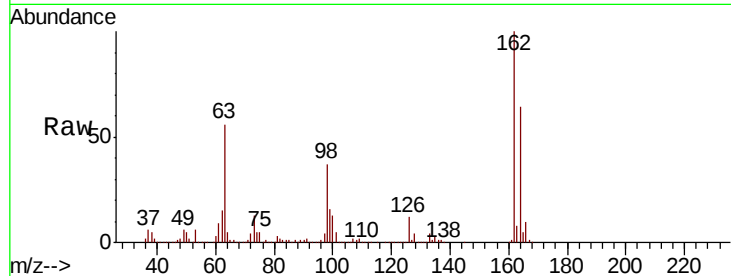
#29
2,4-Dichlorophenol
Concen: 45.442 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	900162		
164	63.7	45.4	85.4	
98	36.8	15.5	55.5	

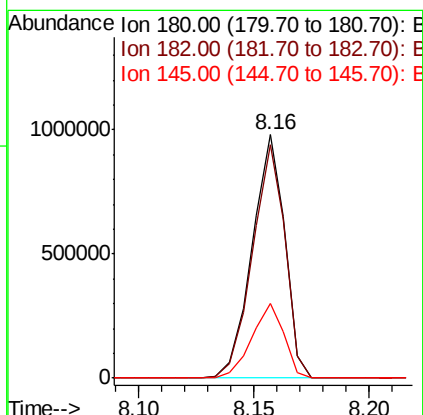
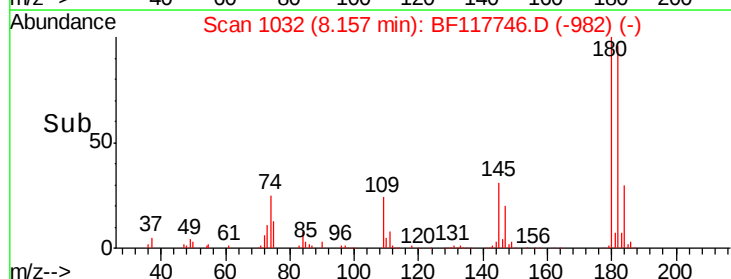
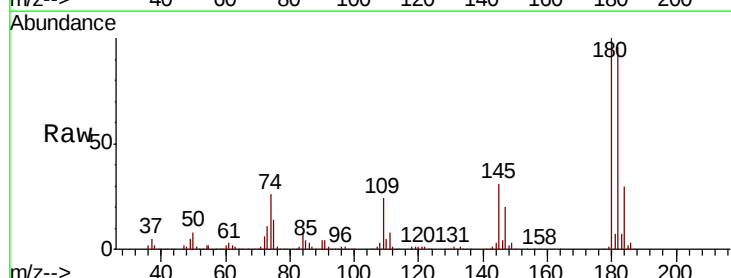
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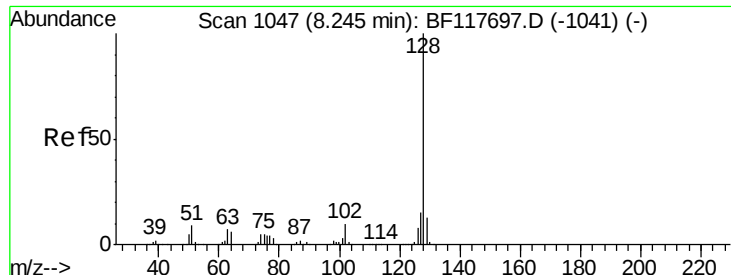
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#30
1,2,4-Trichlorobenzene
Concen: 42.462 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	962900		
182	95.7	76.0	114.0	
145	30.7	25.0	37.4	





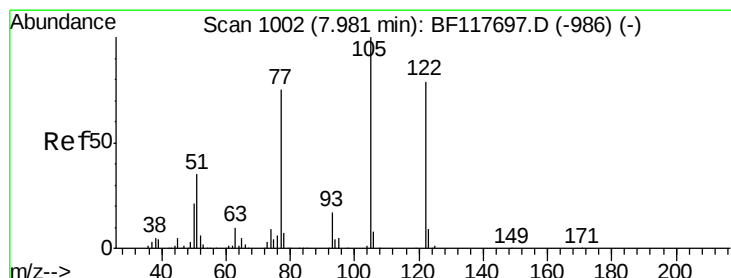
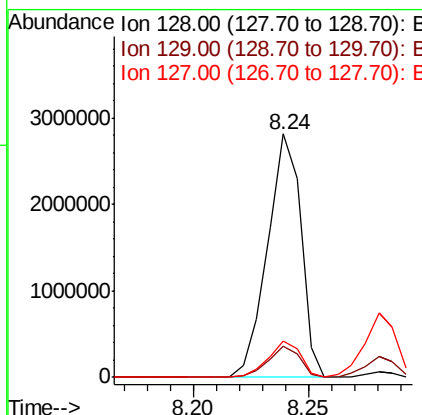
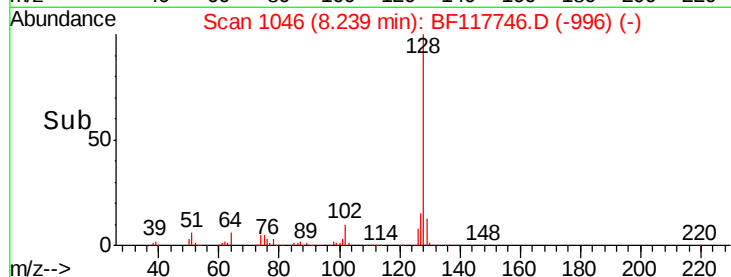
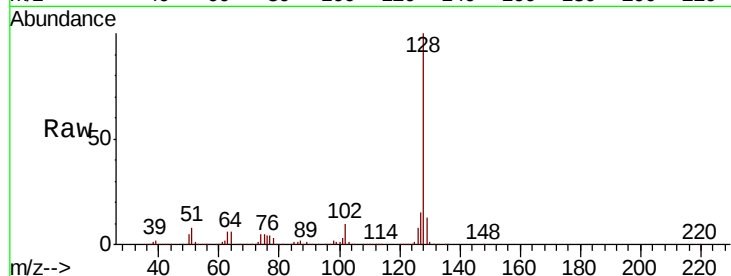
#31
Naphthalene
Concen: 44.597 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion:128 Resp: 2830833
Ion Ratio Lower Upper
128 100
129 12.7 10.1 15.1
127 14.7 11.8 17.6

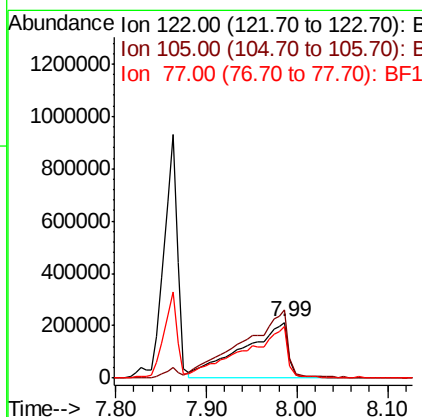
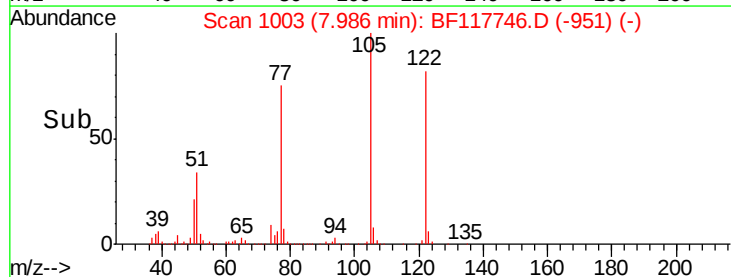
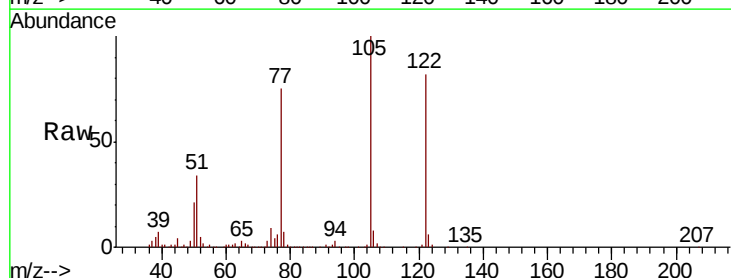
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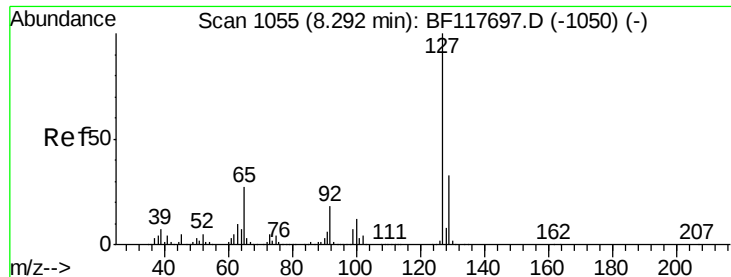
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#32
Benzoic acid
Concen: 48.691 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:122 Resp: 741070
Ion Ratio Lower Upper
122 100
105 121.6 102.8 142.8
77 91.7 73.2 113.2





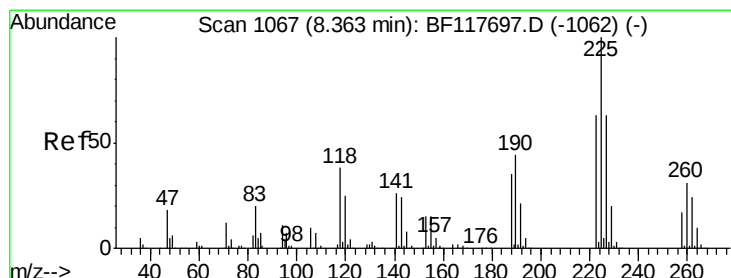
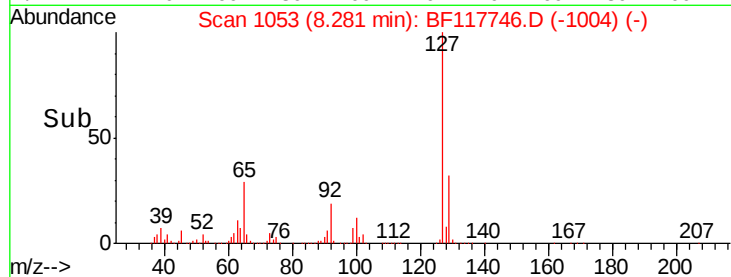
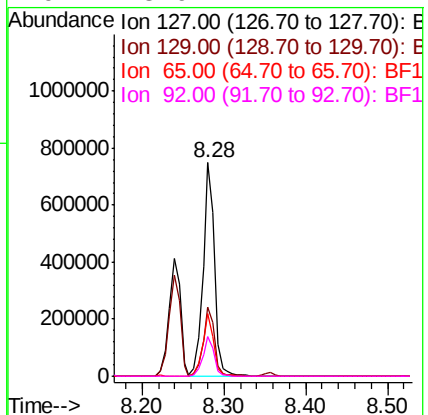
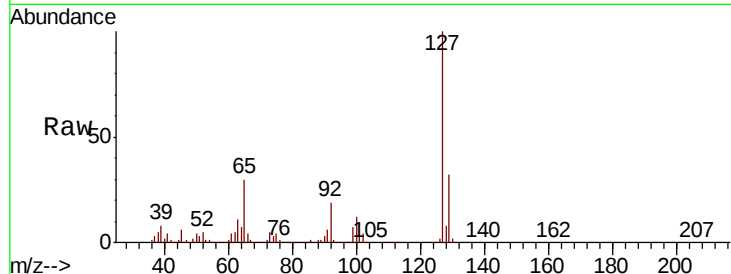
#33
4-Chloroaniline
Concen: 24.754 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.6	39.8		
65	29.6	21.7	32.5		
92	18.9	14.1	21.1		

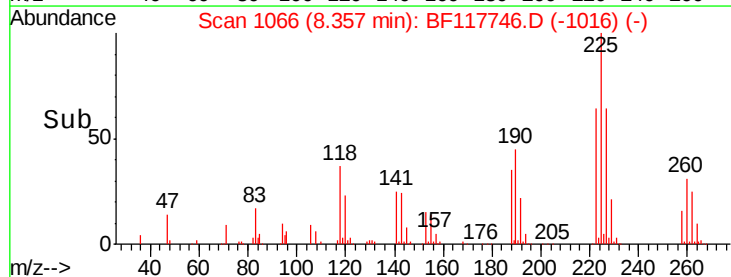
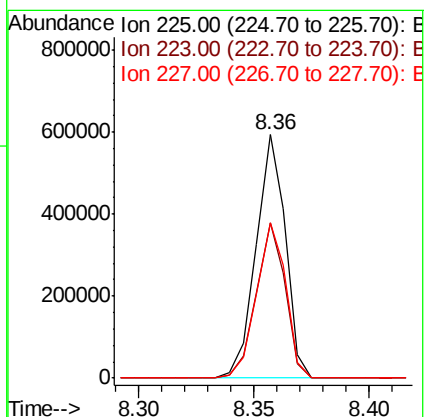
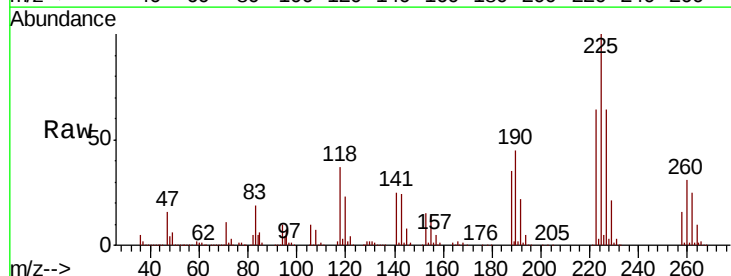
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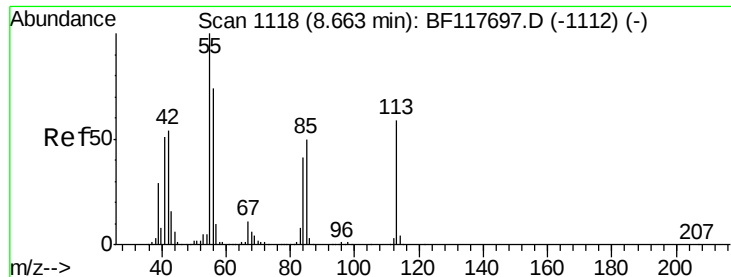
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#34
Hexachlorobutadiene
Concen: 40.538 ng
RT: 8.36 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	50.1	75.1		
227	63.9	50.2	75.4		





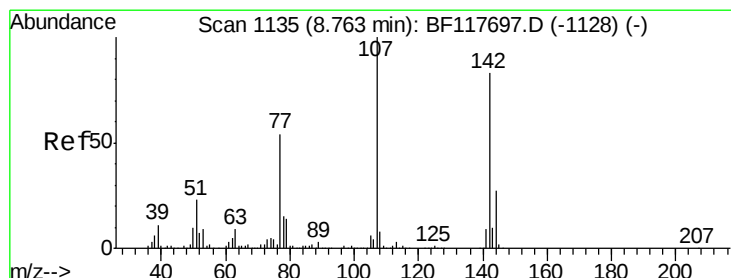
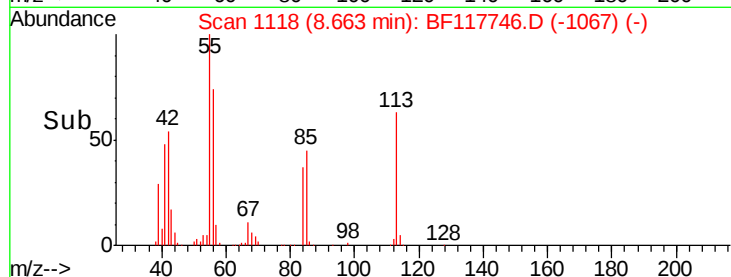
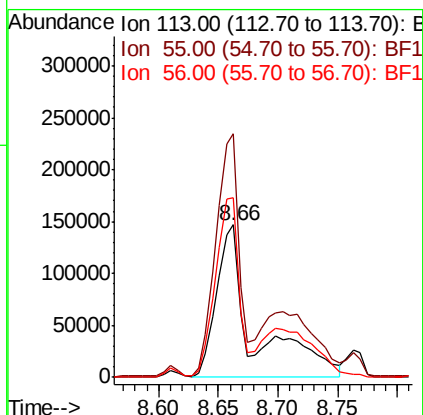
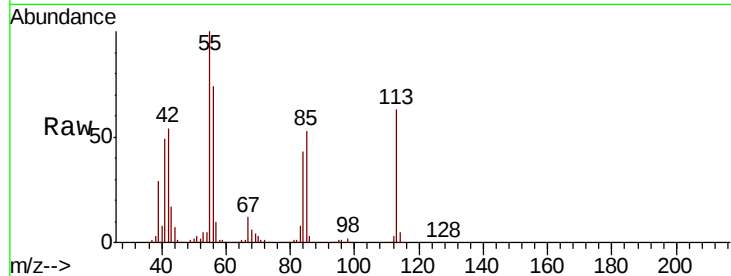
#35
Caprolactam
Concen: 48.353 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	159.9		150.5	190.5	
56	117.5		106.2	146.2	

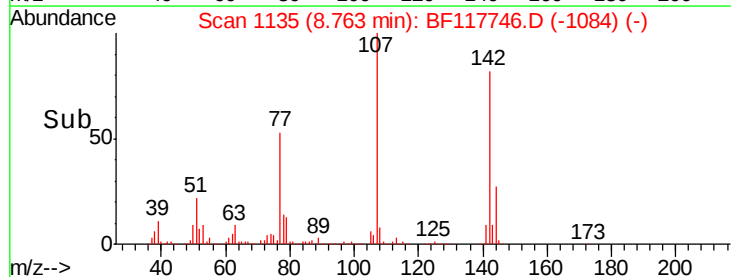
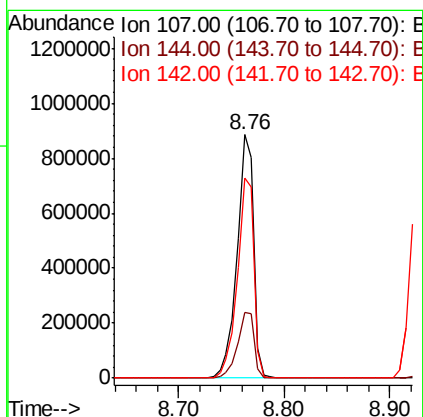
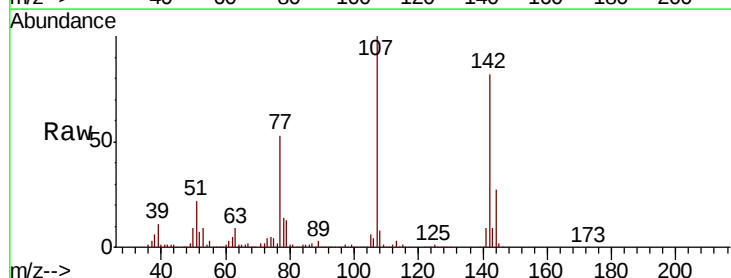
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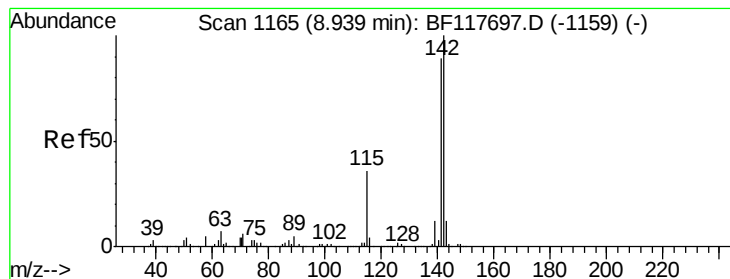
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#36
4-Chloro-3-methylphenol
Concen: 46.996 ng/ml
RT: 8.76 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.1		21.5	32.3	
142	82.4		66.7	100.1	





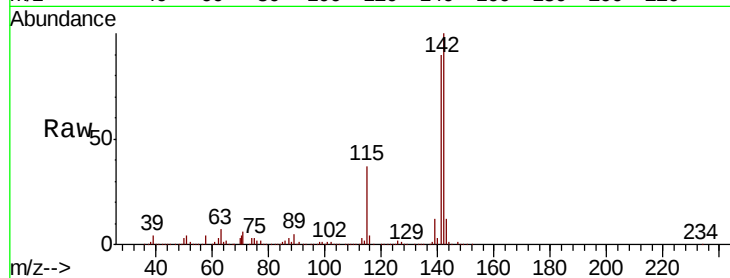
#37
2-Methylnaphthalene
Concen: 45.854 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampled :
3-CMSD

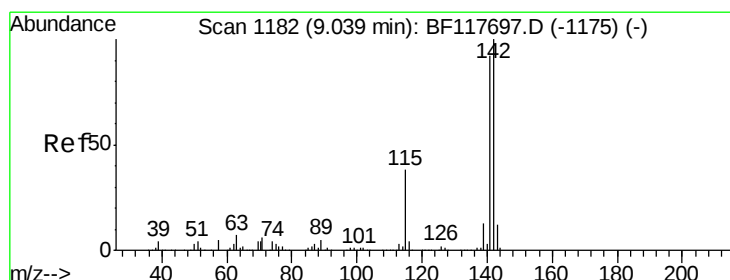
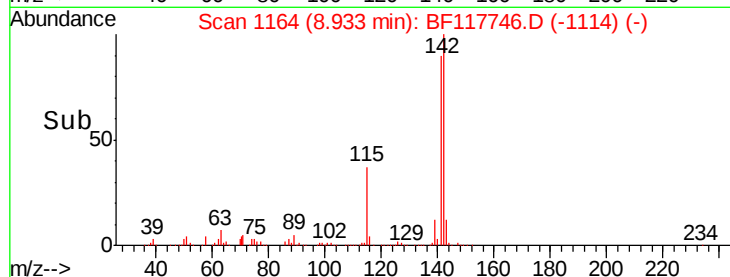
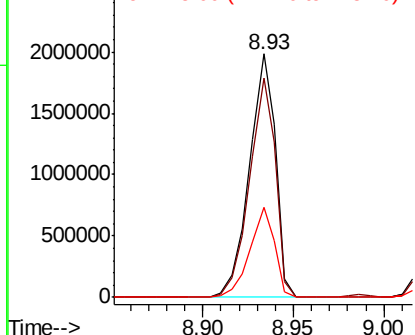
Tot Ion:142 Resp: 1981479
Ion Ratio Lower Upper
142 100
141 90.2 71.5 107.3
115 36.8 28.9 43.3

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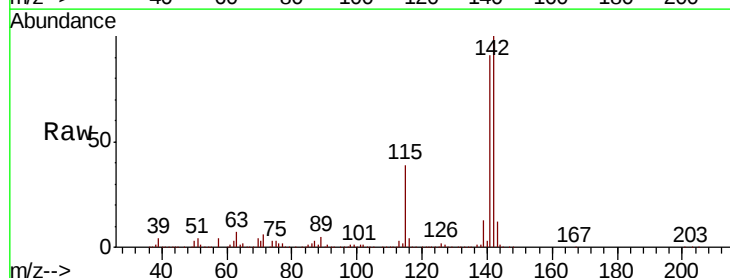


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

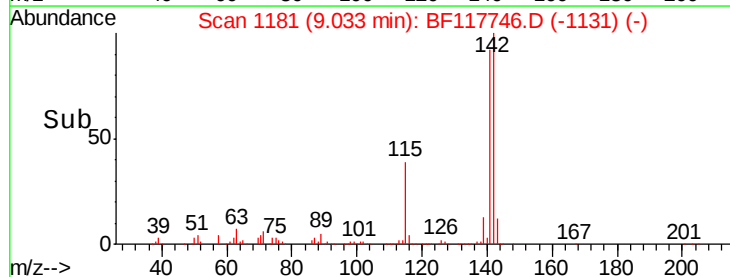
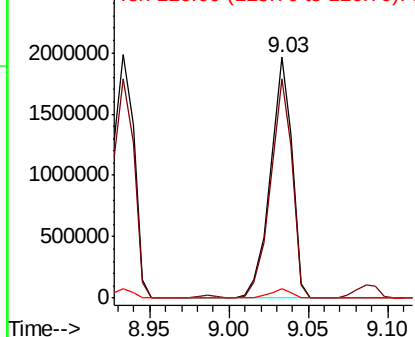


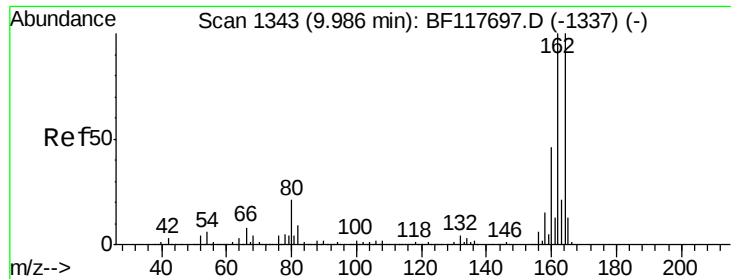
#38
1-Methylnaphthalene
Concen: 45.754 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:142 Resp: 1877602
Ion Ratio Lower Upper
142 100
141 91.2 73.3 109.9
116 4.1 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





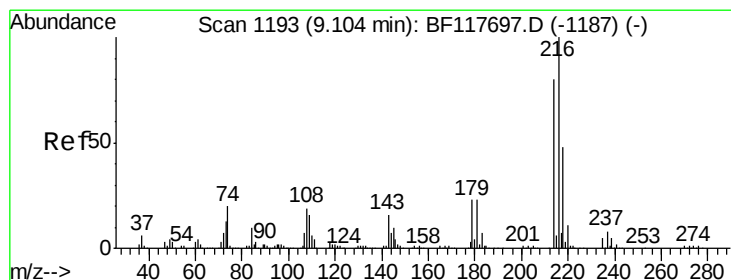
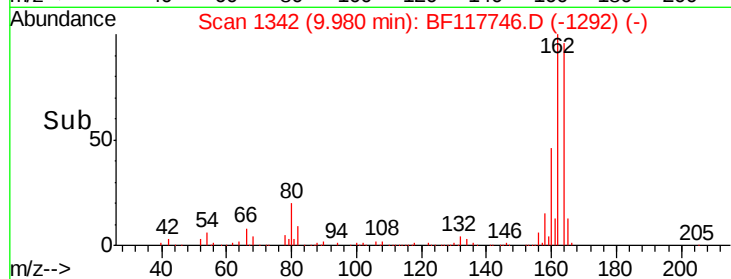
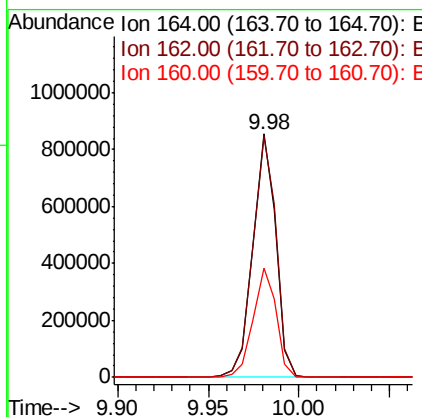
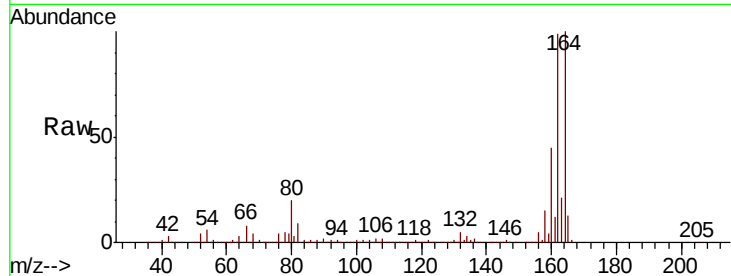
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.1	79.7	119.5	
160	45.1	36.5	54.7	

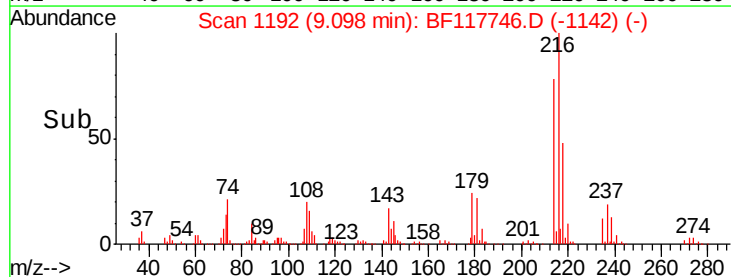
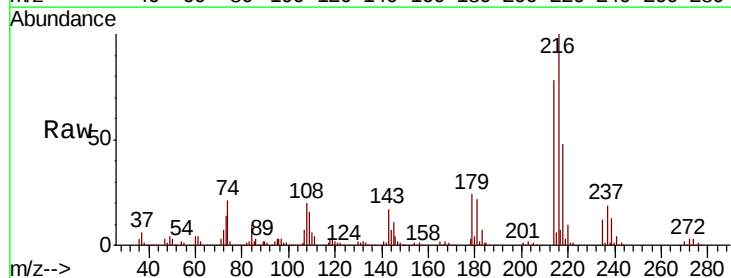
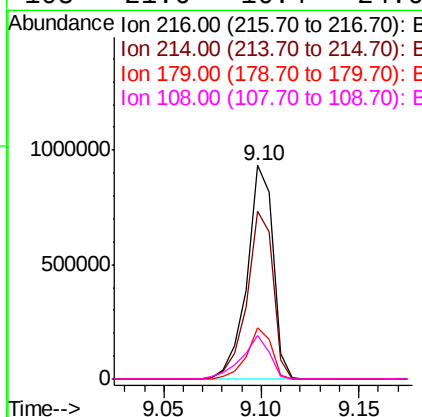
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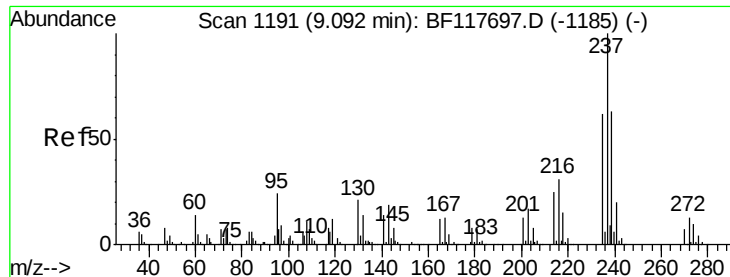
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.069 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	63.6	95.4	
179	22.6	18.1	27.1	
108	21.6	16.4	24.6	





#41

Hexachlorocyclopentadiene

Concen: 78.366 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

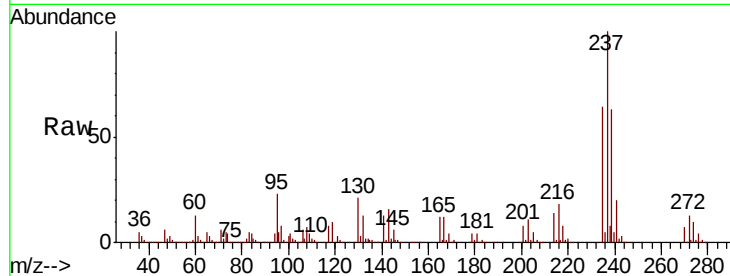
ClientSampleId :

3-CMSD

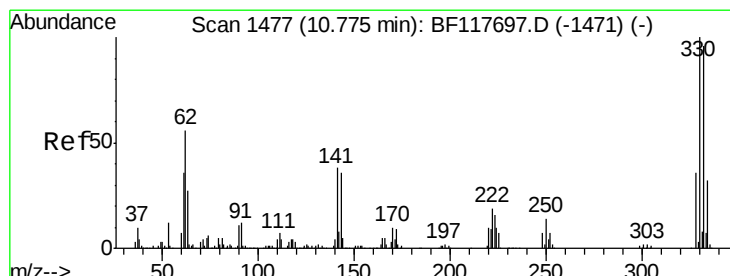
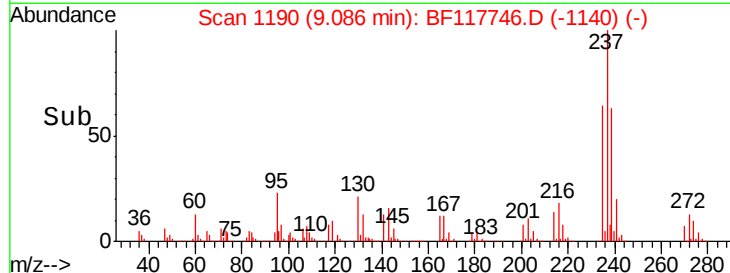
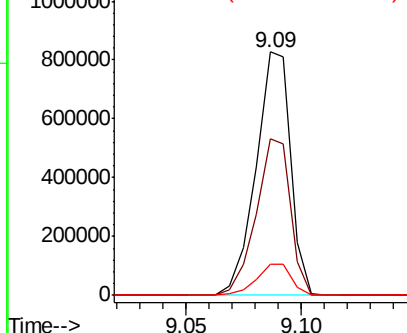
Tot Ion:	237	Resp:	868154
Ion Ratio	Lower	Upper	
237	100		
235	64.1	42.2	82.2
272	12.6	0.0	32.8

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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: 118.361 ng

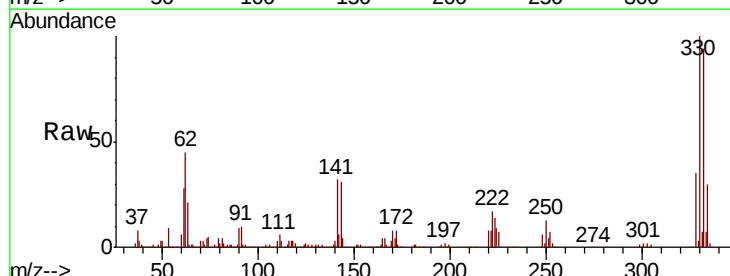
RT: 10.77 min Scan# 1477

Delta R.T. -0.00 min

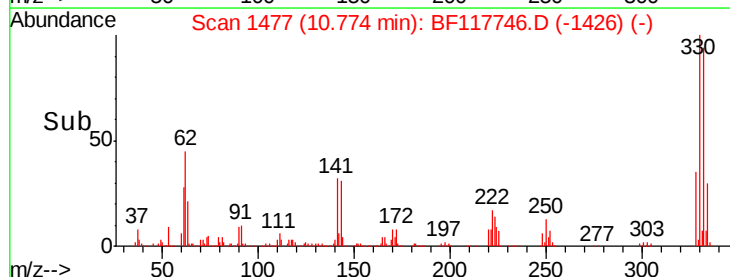
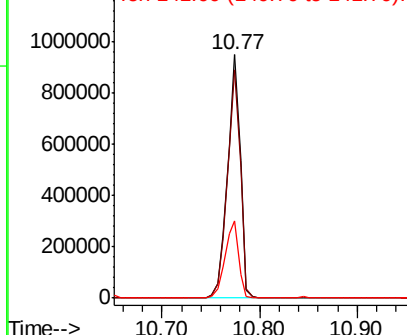
Lab File: BF117746.D

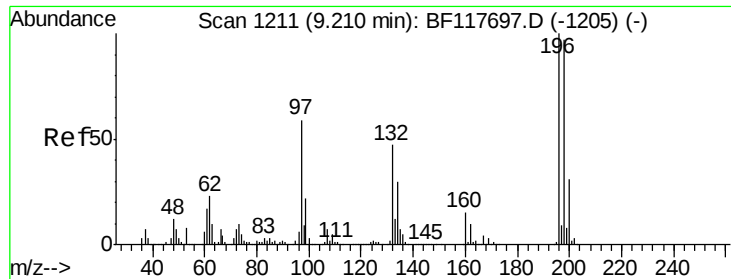
Acq: 8 Nov 2019 22:04

Tgt Ion:	330	Resp:	869087
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.4	116.0
141	33.3	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





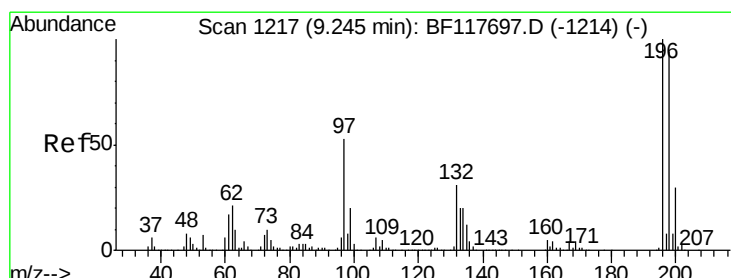
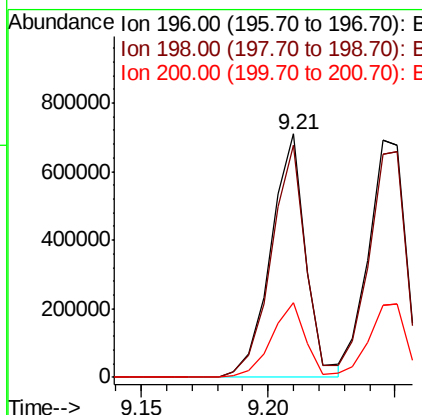
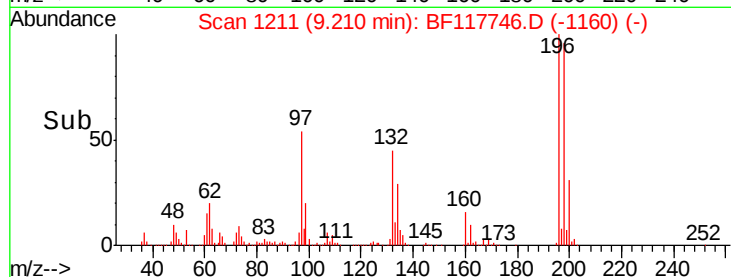
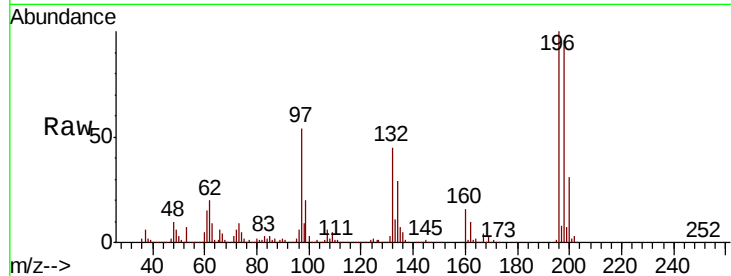
#43
 2,4,6-Trichlorophenol
 Concen: 45.813 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	685178		
198	95.5	77.8	116.6	
200	30.6	25.0	37.6	

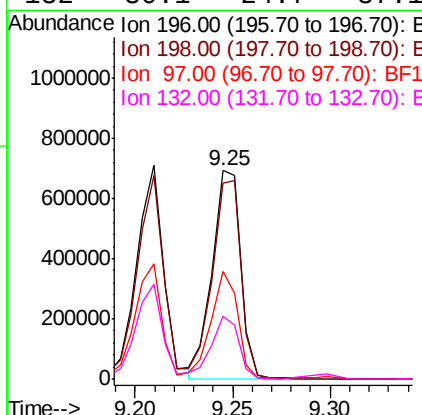
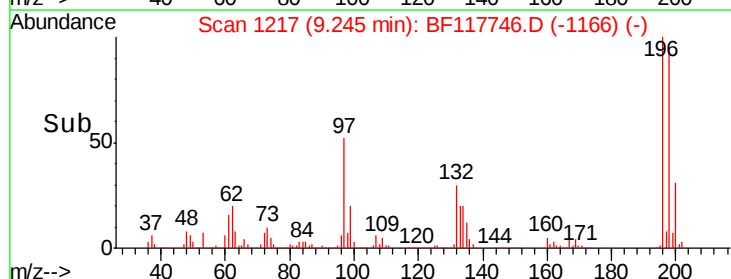
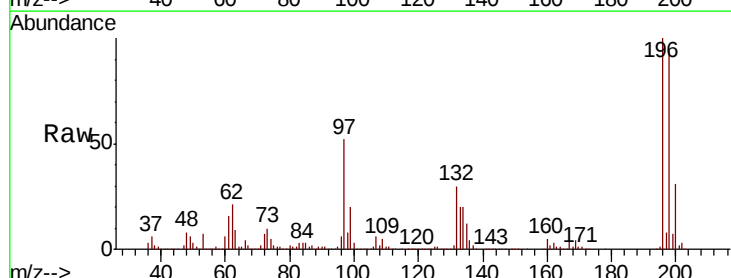
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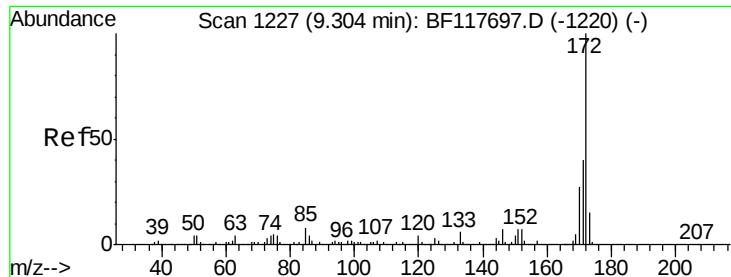
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.443 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	704052		
198	93.9	75.4	113.0	
97	51.7	42.5	63.7	
132	30.1	24.7	37.1	





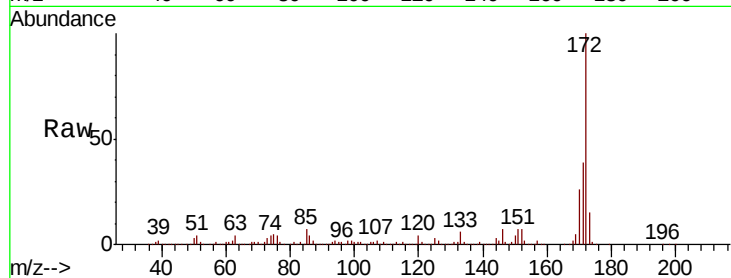
#45
2-Fluorobiphenyl
Concen: 83.254 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.8	47.8
170	26.3	21.6	32.4

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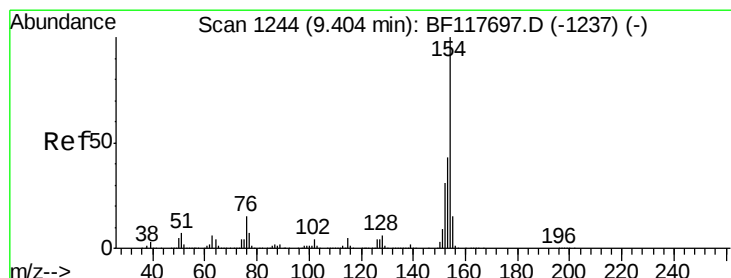
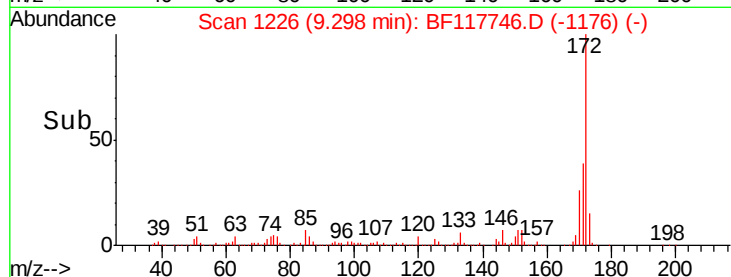
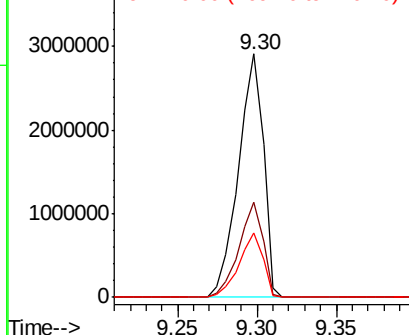


Abundance

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: 44.154 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

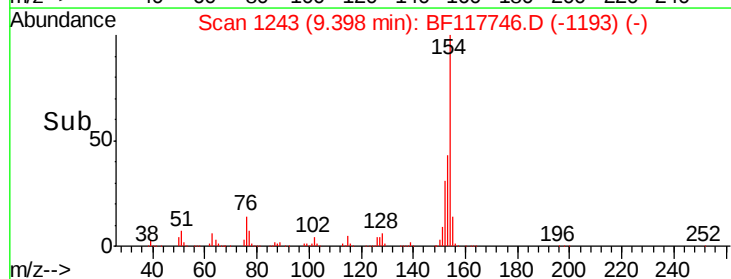
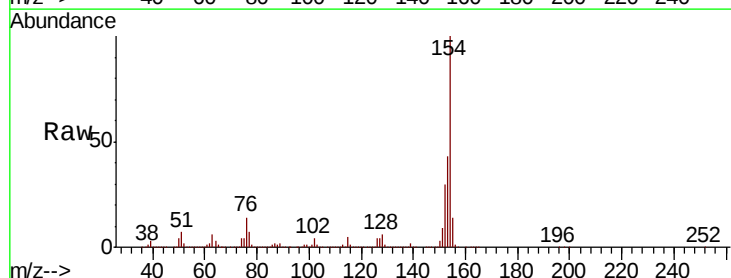
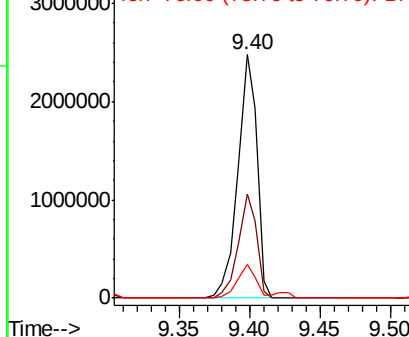
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	23.2	63.2
76	14.0	0.0	34.7

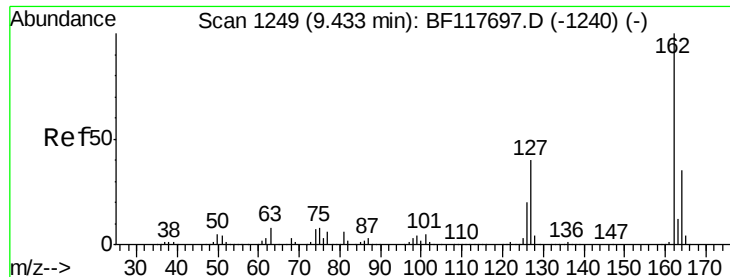
Abundance

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





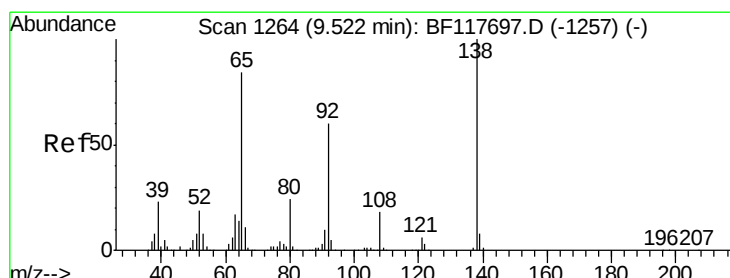
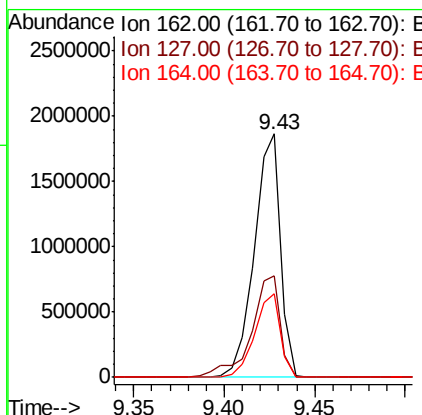
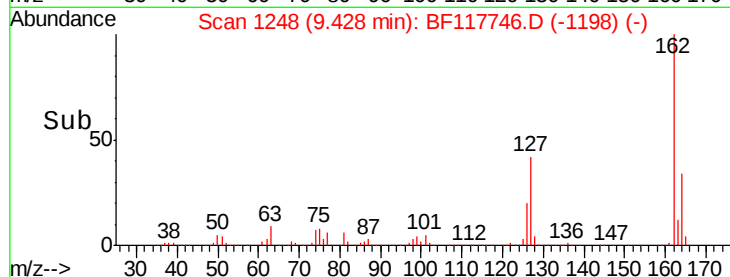
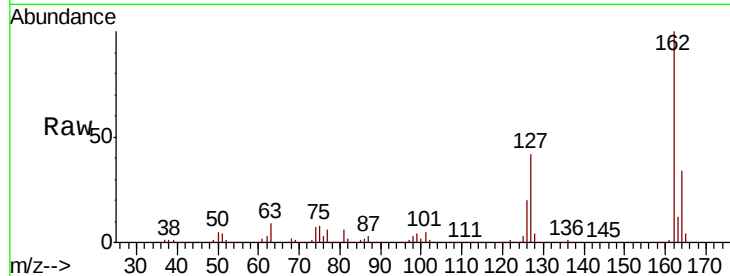
#47
 2-Chloronaphthalene
 Concen: 42.685 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

Tot Ion:	162	Resp:	1862173
Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.2	48.4
164	34.5	28.1	42.1

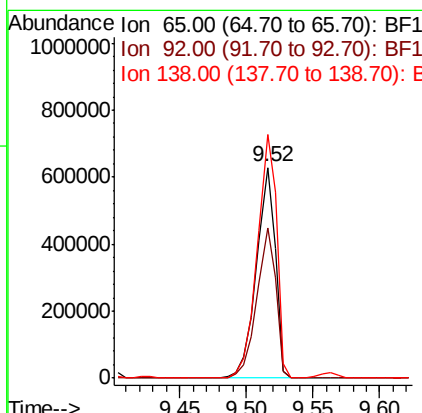
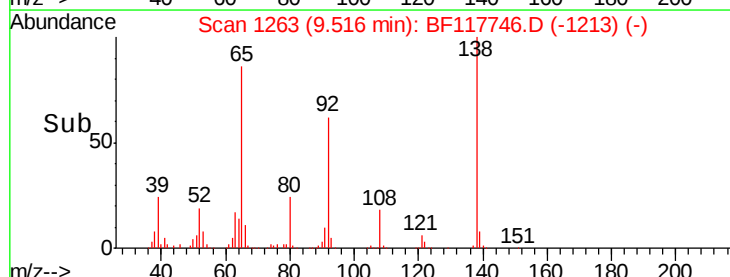
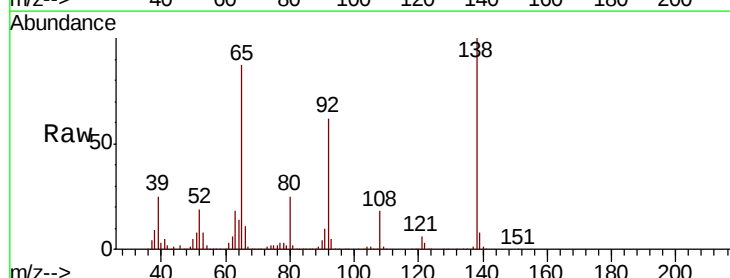
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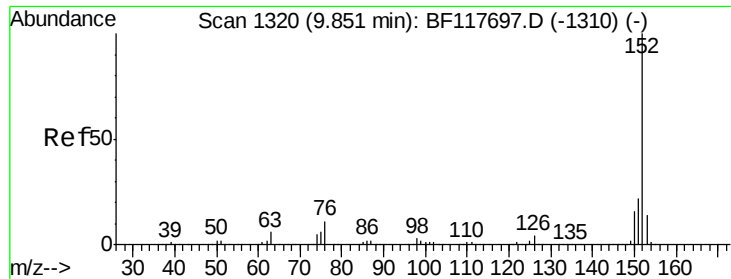
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#48
 2-Nitroaniline
 Concen: 44.331 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion:	65	Resp:	606067
Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.3	85.9
138	115.6	95.0	142.6





#49

Acenaphthylene

Concen: 46.799 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

Tot Ion:152 Resp: 2973274

Ion Ratio Lower Upper

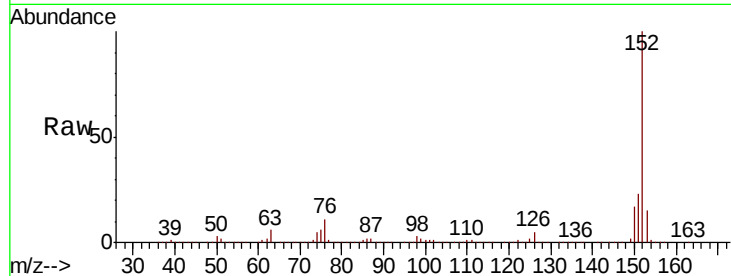
152 100

151 22.6 17.8 26.6

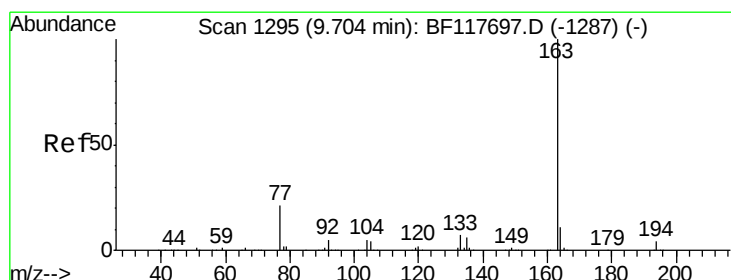
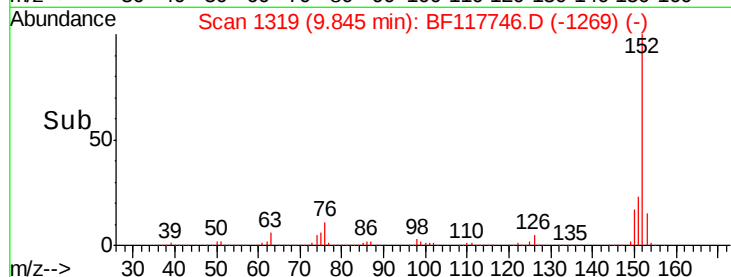
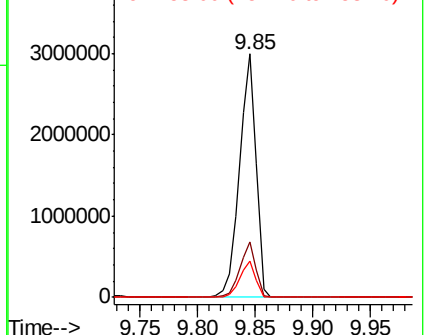
153 15.1 11.5 17.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.356 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

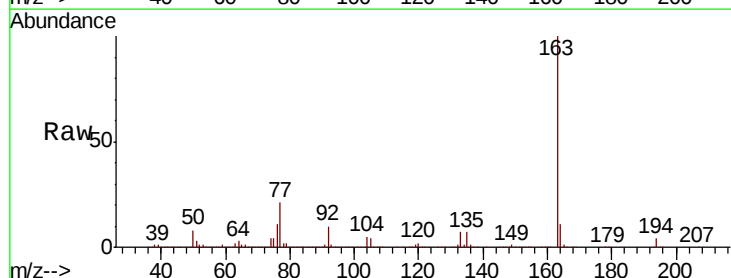
Tgt Ion:163 Resp: 2504536

Ion Ratio Lower Upper

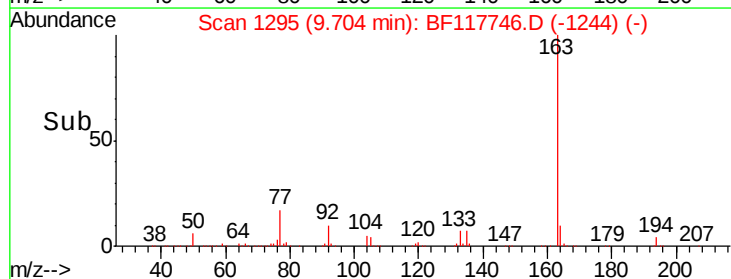
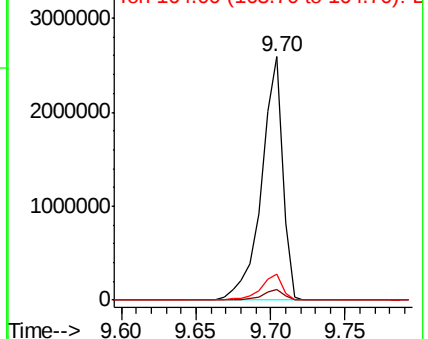
163 100

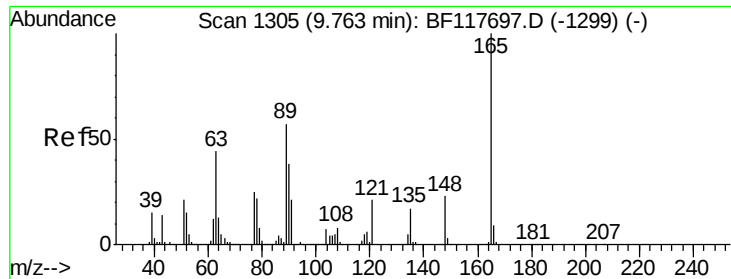
194 4.5 3.4 5.0

164 10.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.910 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampled :

3-CMSD

Tot Ion:165 Resp: 533031
Ion Ratio Lower Upper

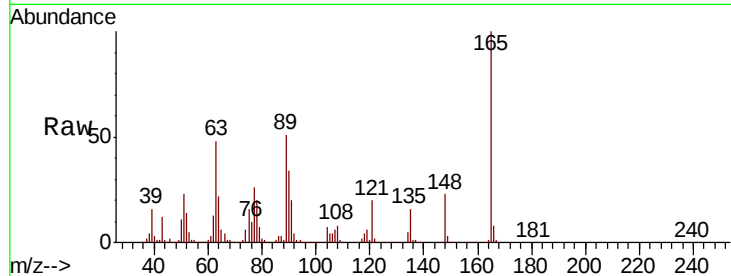
165 100

63 47.8 45.6 68.4

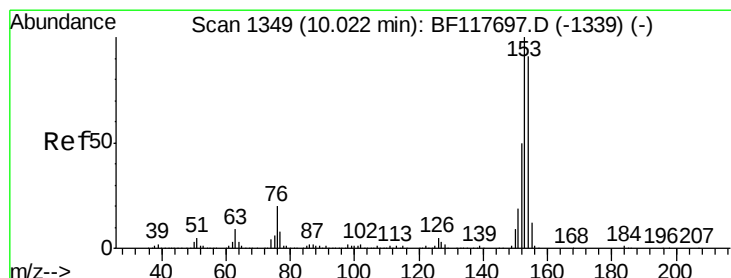
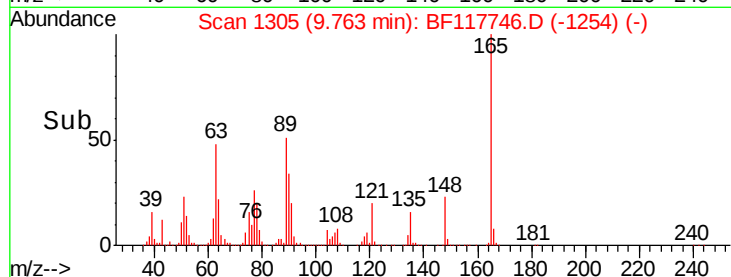
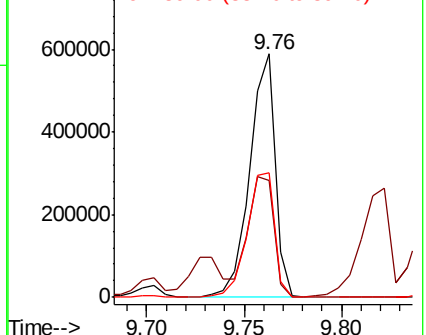
89 51.3 45.8 68.6

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Abundance Ion 165.00 (164.70 to 165.70): E
800000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 45.982 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF117746.D

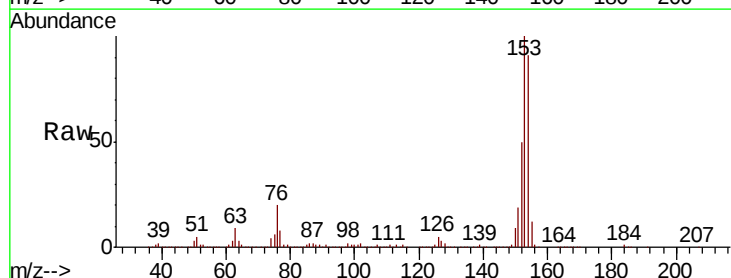
Acq: 8 Nov 2019 22:04

Tgt Ion:154 Resp: 1885098
Ion Ratio Lower Upper

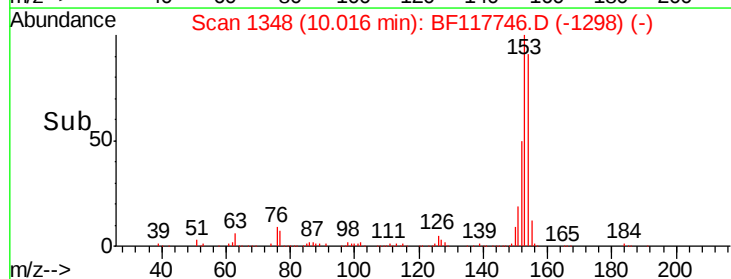
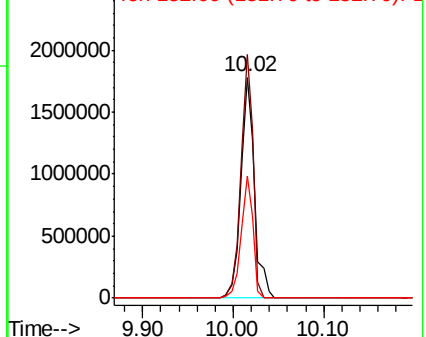
154 100

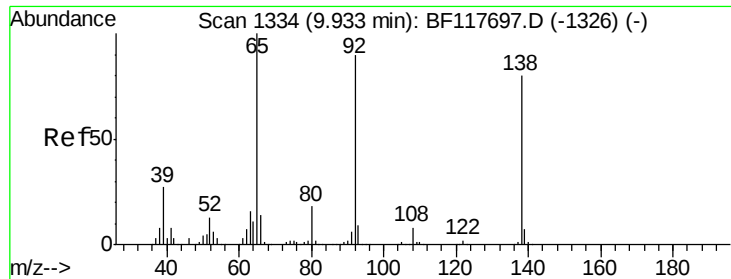
153 110.1 87.8 131.6

152 55.1 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
2500000
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





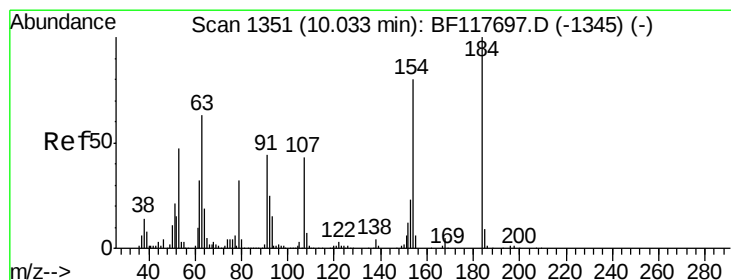
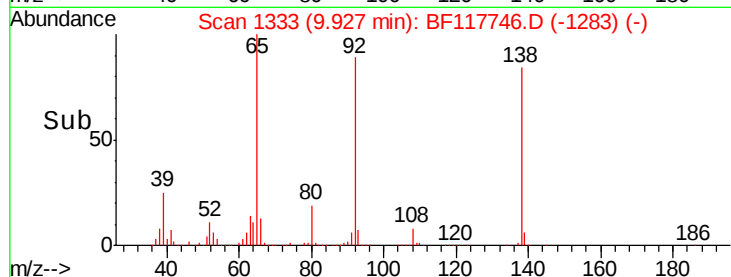
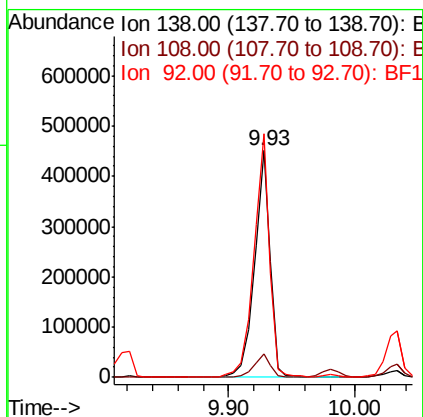
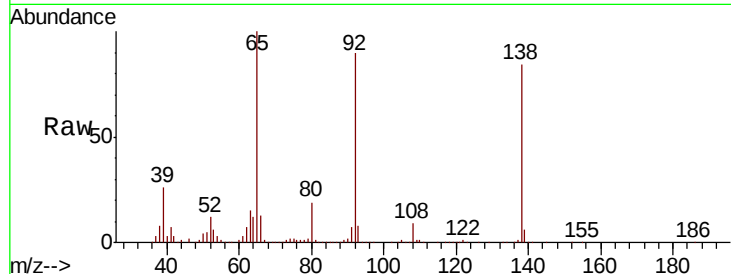
#53
3-Nitroaniline
Concen: 28.609 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.5	12.7
92	107.3	89.8	134.8

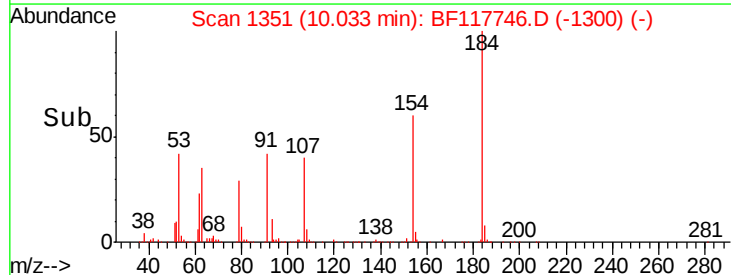
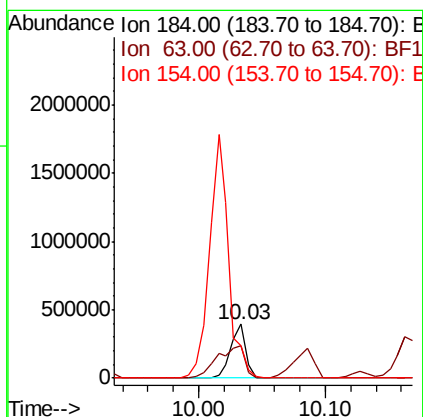
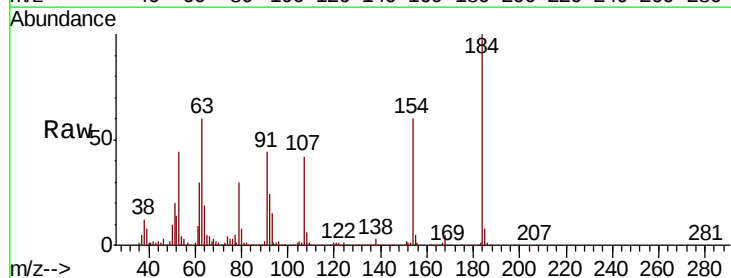
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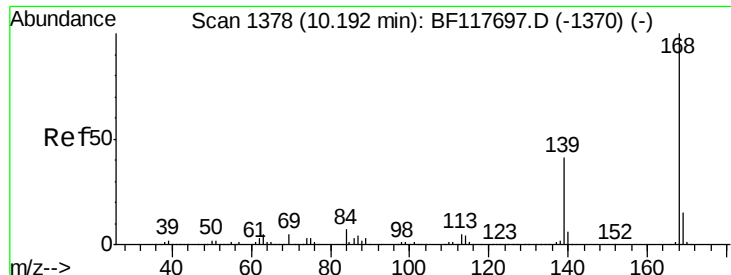
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#54
2,4-Dinitrophenol
Concen: 83.383 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.7	51.4	77.0
154	60.4	70.2	105.2





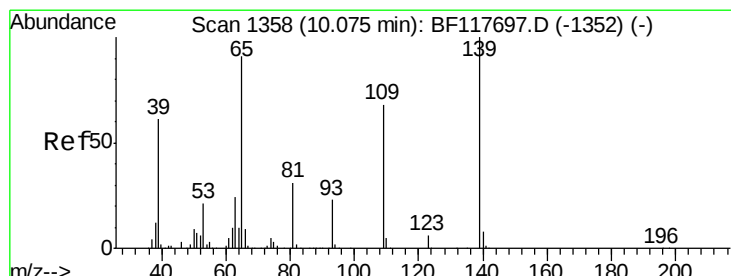
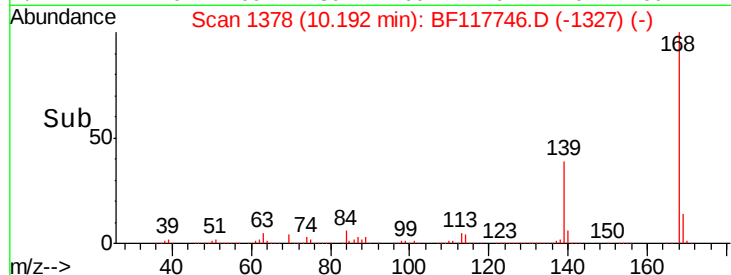
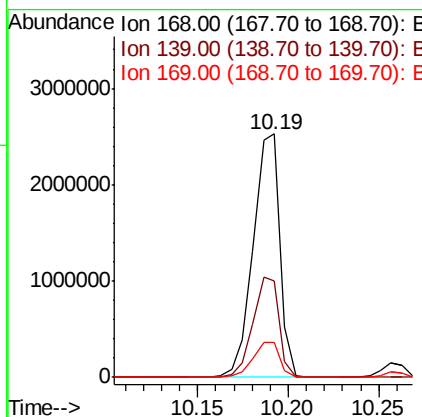
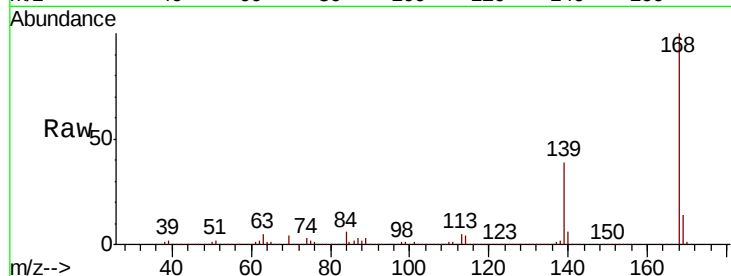
#55
Dibenzenofuran
Concen: 45.020 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion:168 Resp: 2582602
Ion Ratio Lower Upper
168 100
139 39.4 33.2 49.8
169 14.2 11.7 17.5

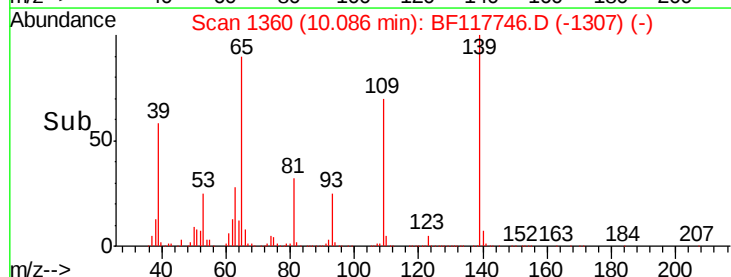
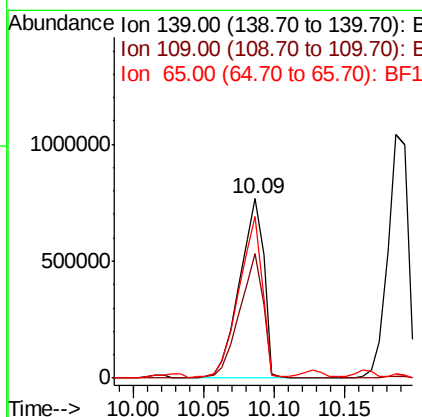
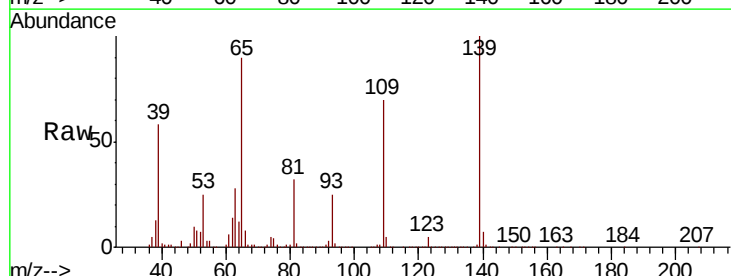
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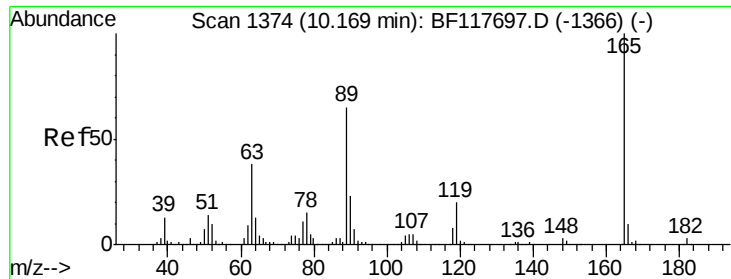
mohammad
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#56
4-Nitrophenol
Concen: 89.351 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:139 Resp: 921170
Ion Ratio Lower Upper
139 100
109 69.7 47.7 87.7
65 90.0 71.9 111.9





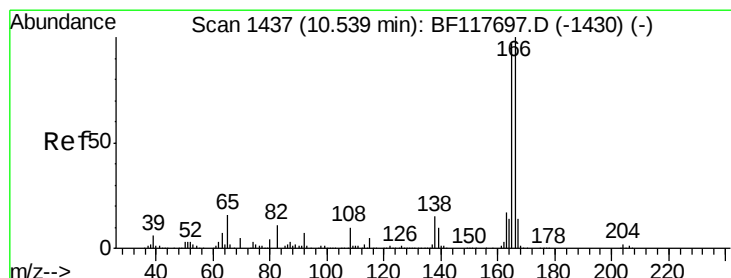
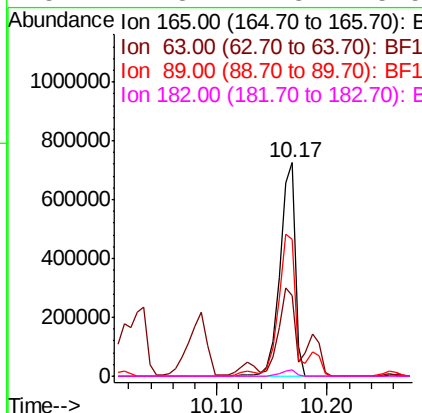
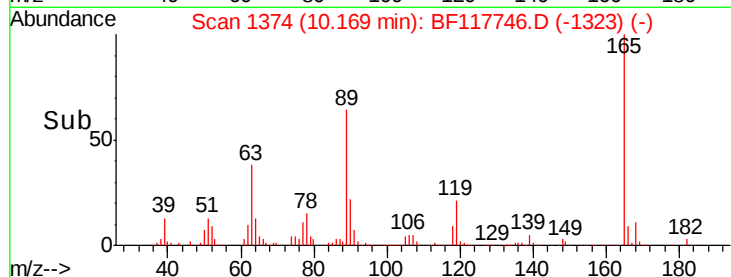
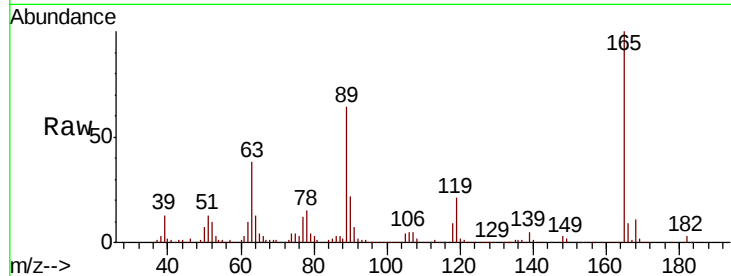
#57
2,4-Dinitrotoluene
Concen: 48.428 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		705897		
63	37.7	30.4	45.6		
89	64.3	52.2	78.4		
182	2.8	2.3	3.5		

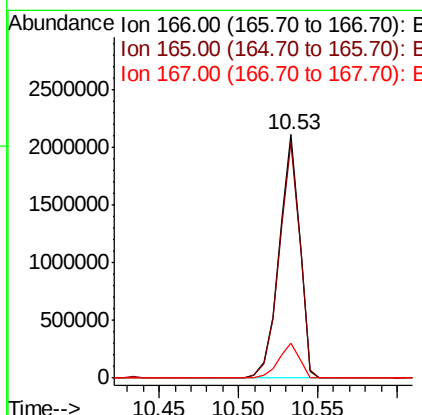
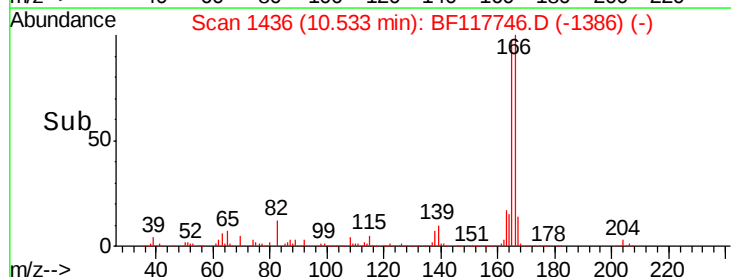
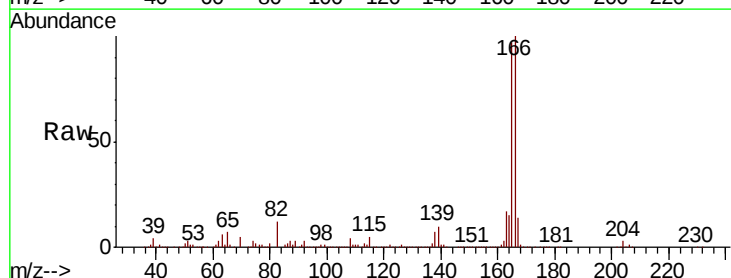
Manual Integrations
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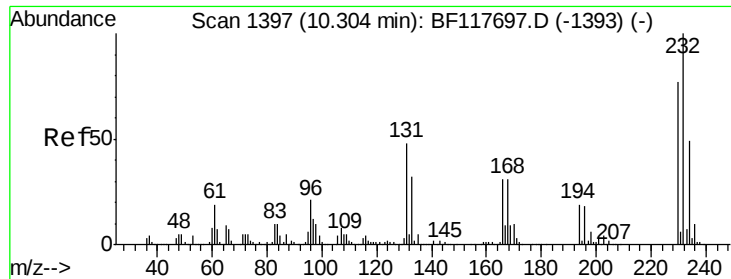
mohammad
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#58
Fluorene
Concen: 44.745 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1891804		
165	96.9	77.4	116.0		
167	14.5	11.0	16.4		





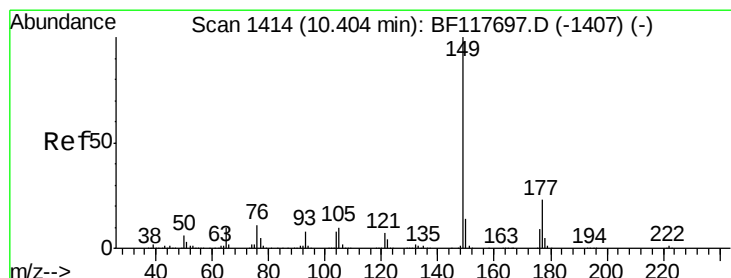
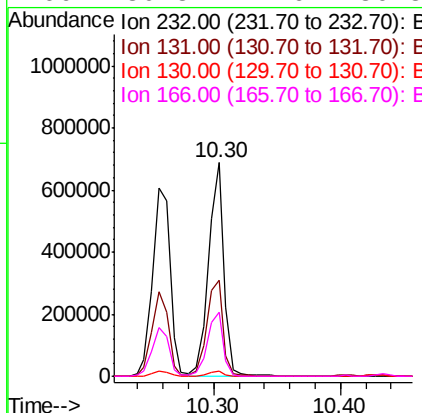
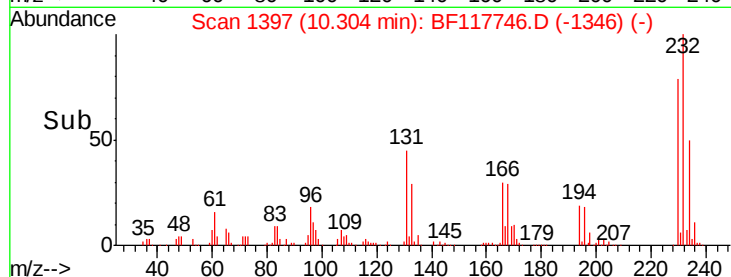
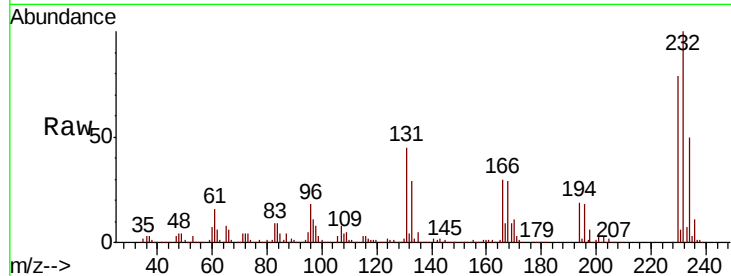
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.168 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.1	37.8	56.8
130	2.4	1.9	2.9
166	30.8	24.6	36.8

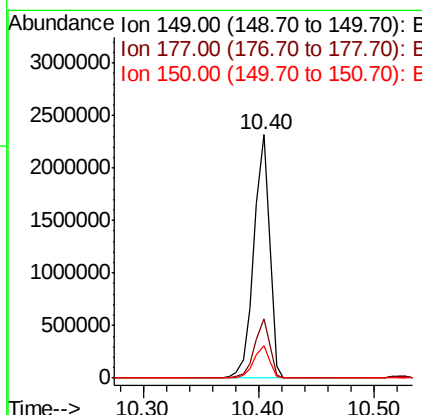
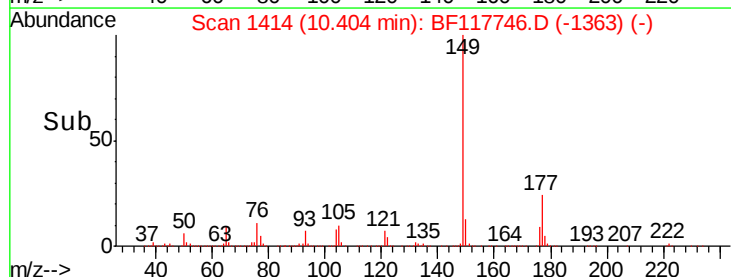
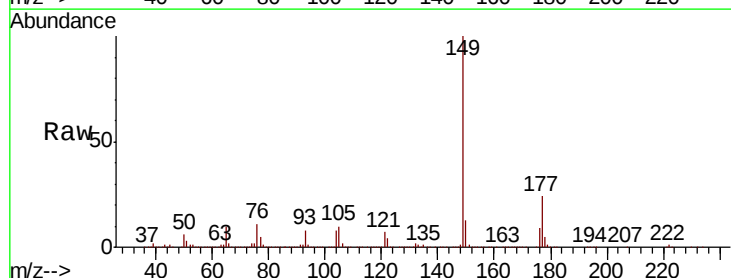
Manual Integrations
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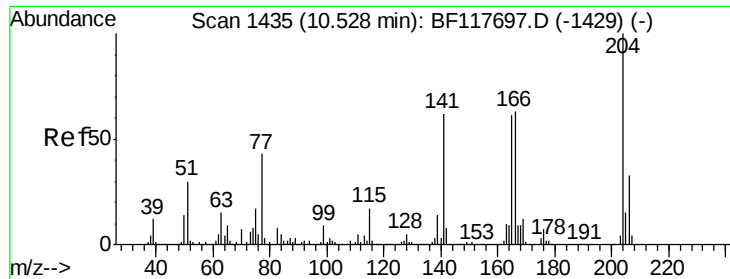
mohammad
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#60
 Diethylphthalate
 Concen: 43.991 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.8	28.2
150	13.5	10.8	16.2





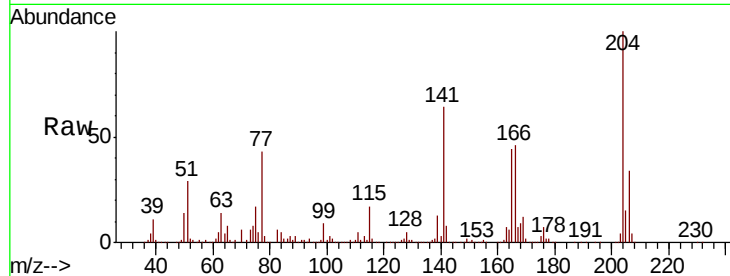
#61
4-Chlorophenyl-phenylether
Concen: 44.064 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.4
141	64.2	49.7	74.5

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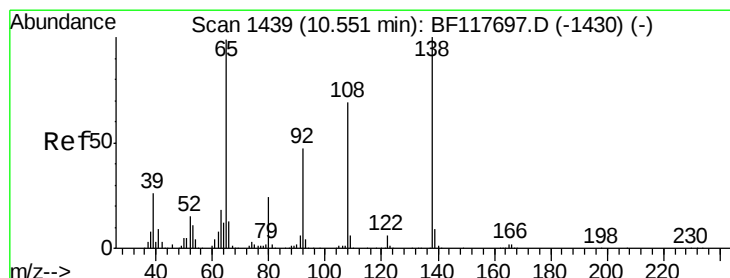
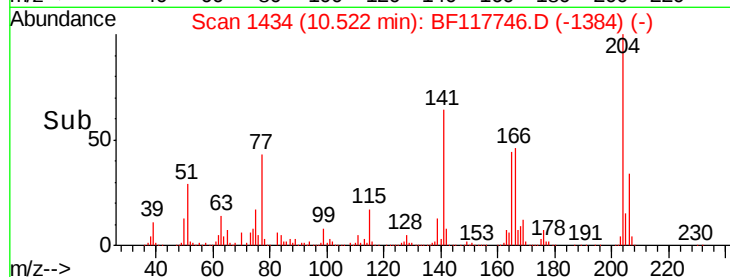
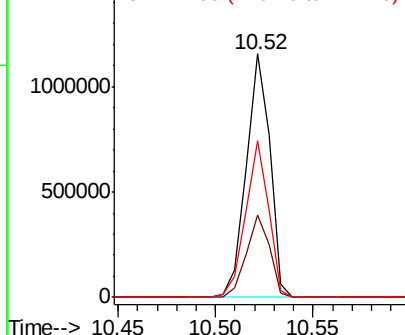


Abundance

Ion 204.00 (203.70 to 204.70): E

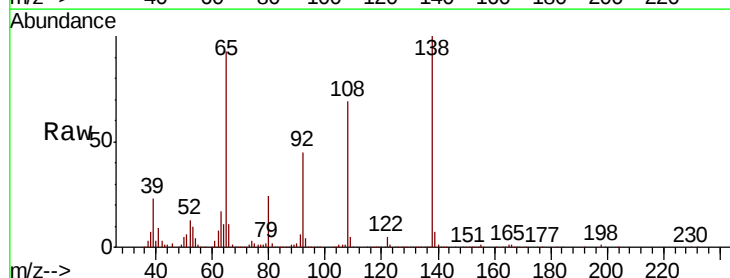
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.435 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.2	26.9	66.9
108	68.9	49.1	89.1

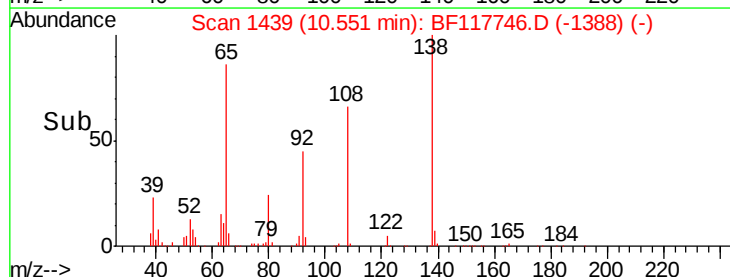
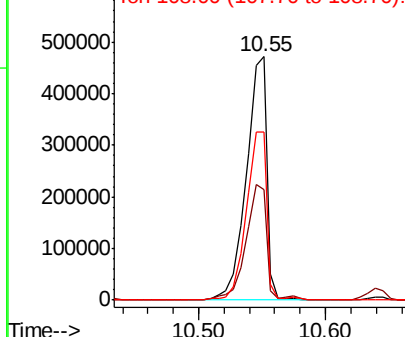


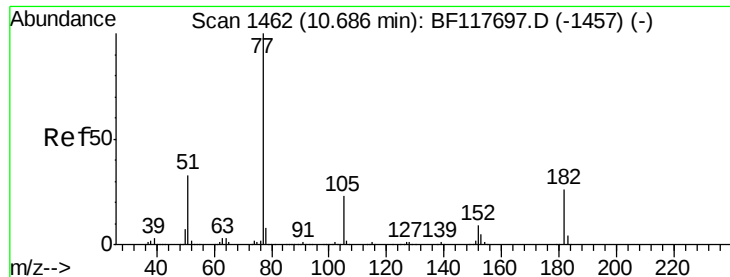
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





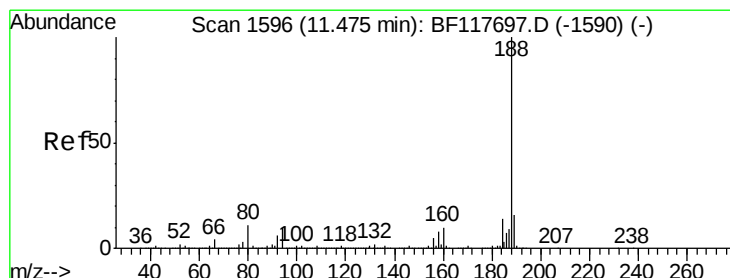
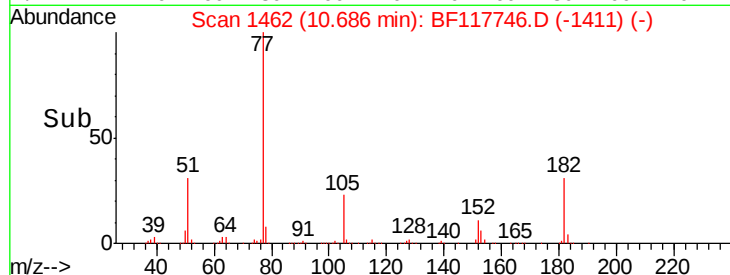
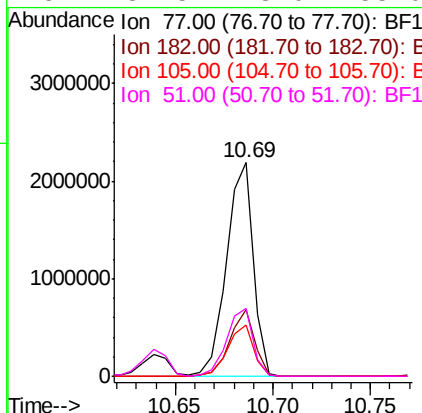
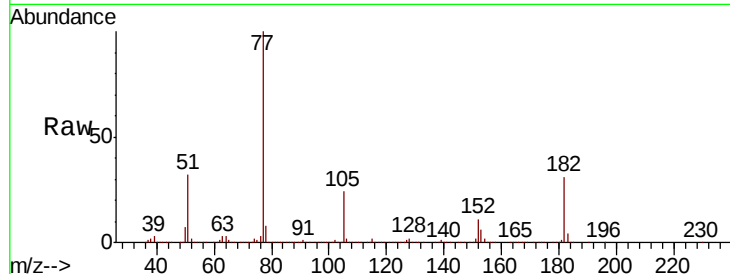
#63
Azobenzene
Concen: 43.831 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion: 77 Resp: 2071709
Ion Ratio Lower Upper
77 100
182 30.9 6.0 46.0
105 24.1 2.8 42.8
51 31.5 13.0 53.0

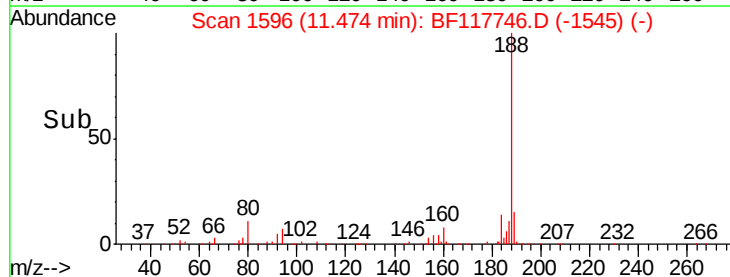
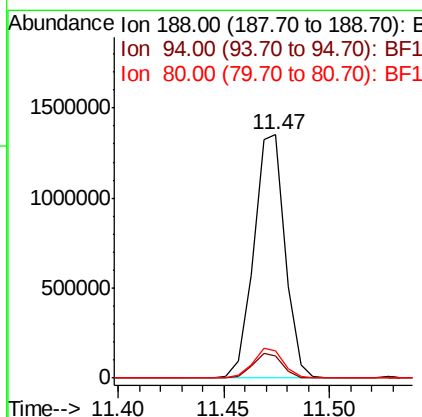
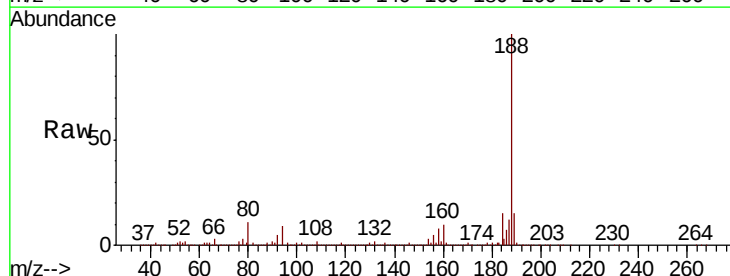
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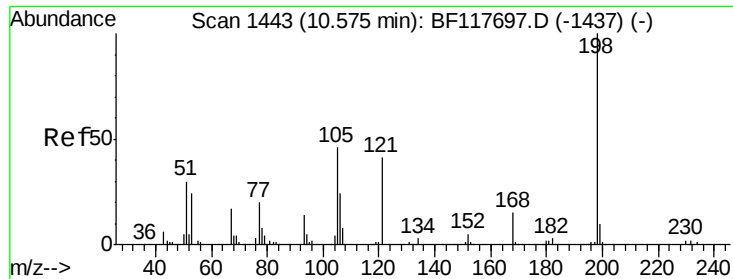
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion: 188 Resp: 1388088
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.4
80 11.0 8.6 13.0





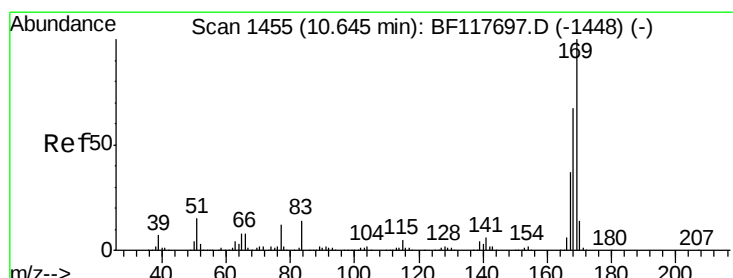
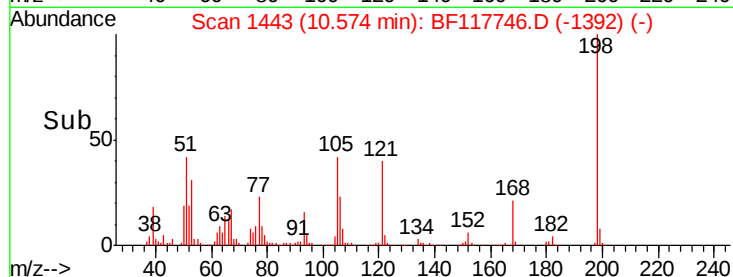
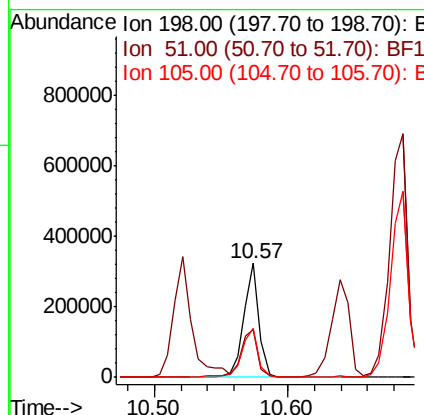
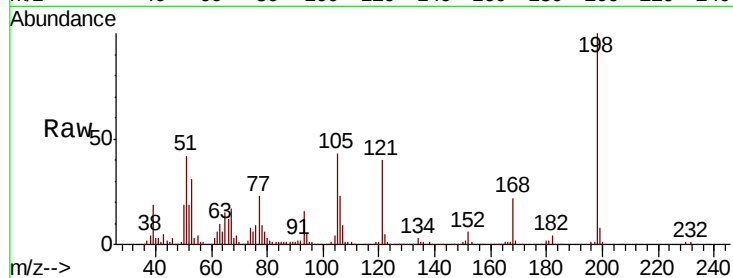
#65
4,6-Dinitro-2-methylphenol
Concen: 45.853 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampled :
3-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	254152		
51	42.4	28.1	68.1	
105	42.7	27.3	67.3	

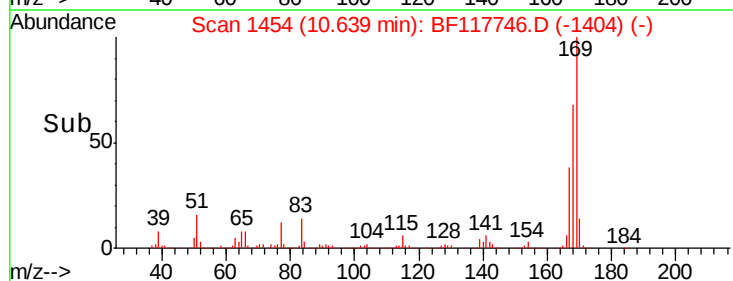
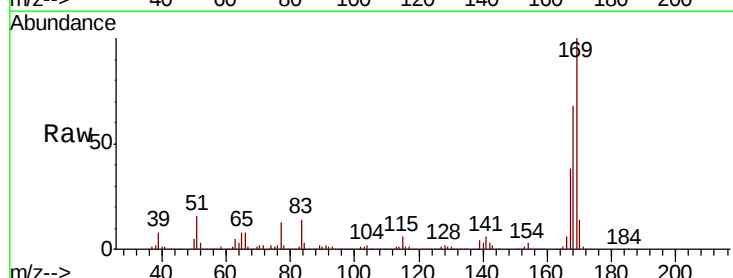
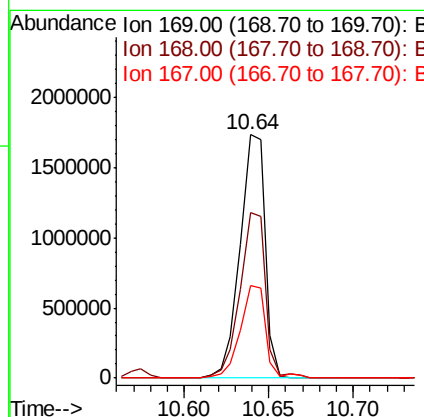
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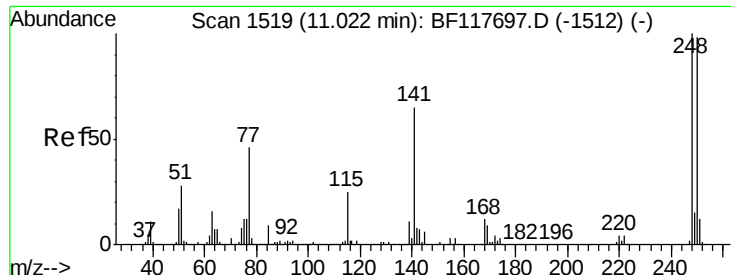
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#66
n-Nitrosodiphenylamine
Concen: 43.913 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1800332		
168	68.0	53.8	80.8	
167	38.0	29.9	44.9	





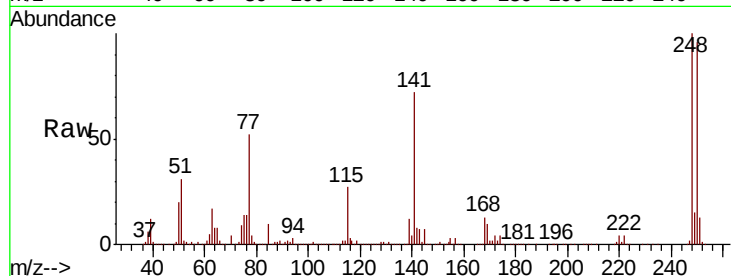
#67
4-Bromophenyl-phenylether
Concen: 43.185 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampled :
3-CMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.7	118.1
141	72.0	51.8	77.8

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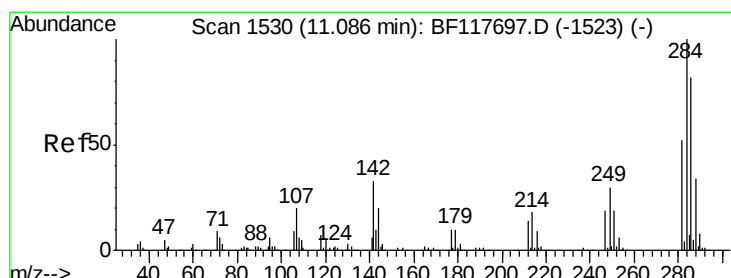
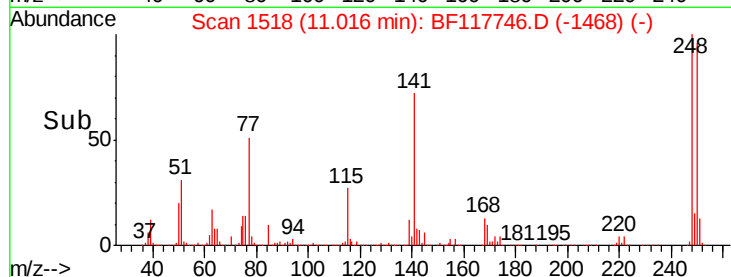
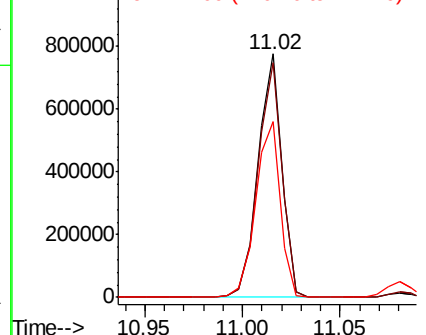


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.059 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

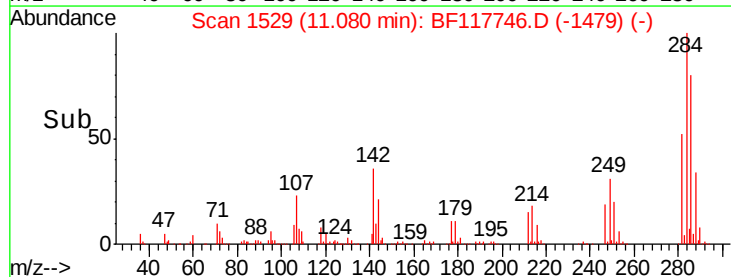
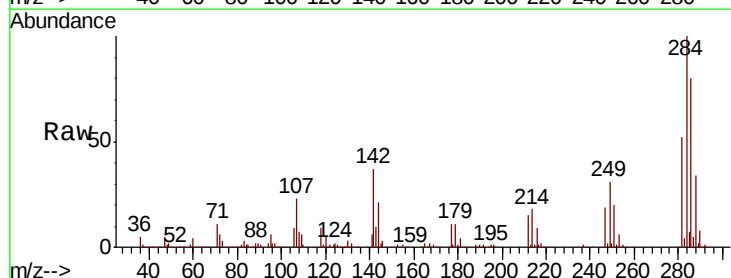
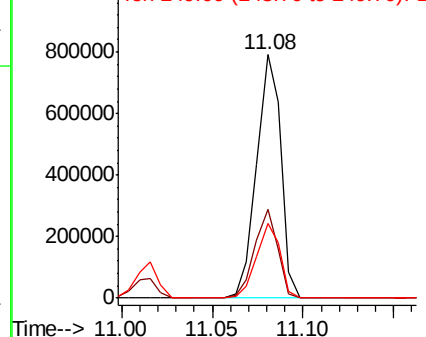
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	26.6	39.8
249	30.7	24.4	36.6

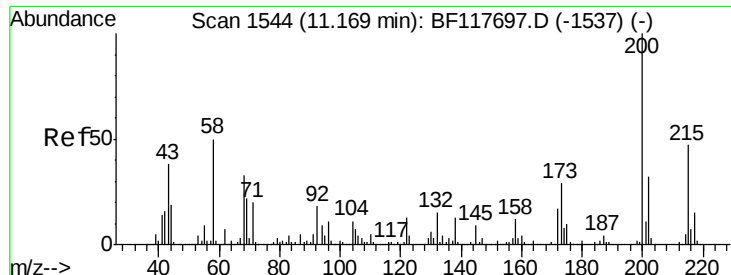
Abundance

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





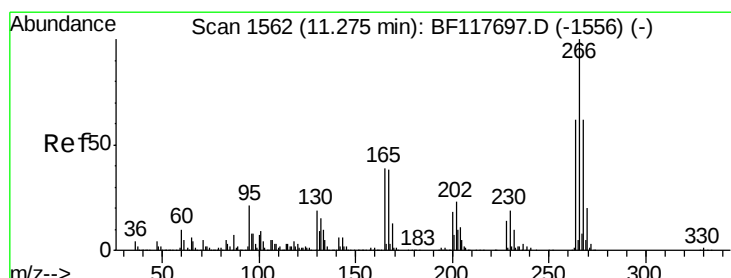
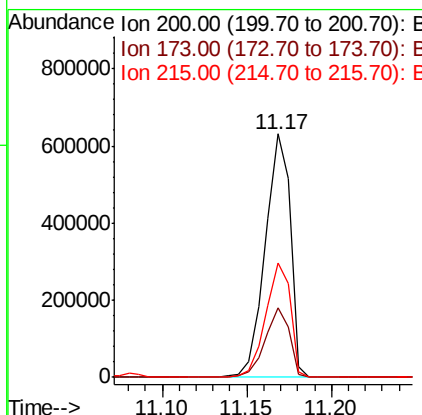
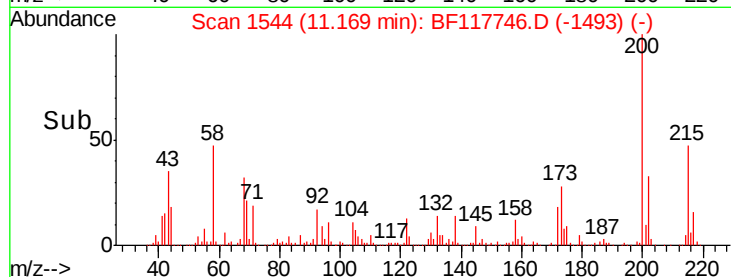
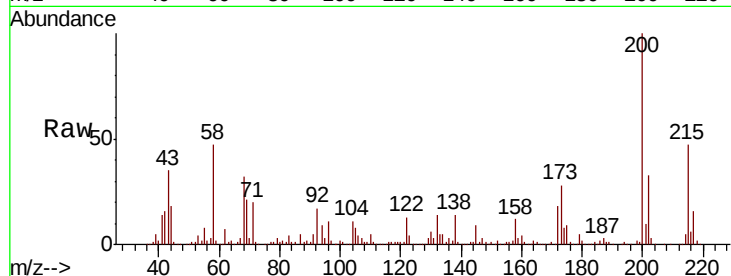
#69
Atrazine
Concen: 47.800 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.5	48.5
215	46.7	27.4	67.4

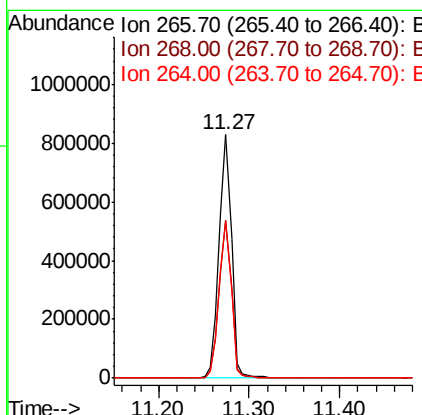
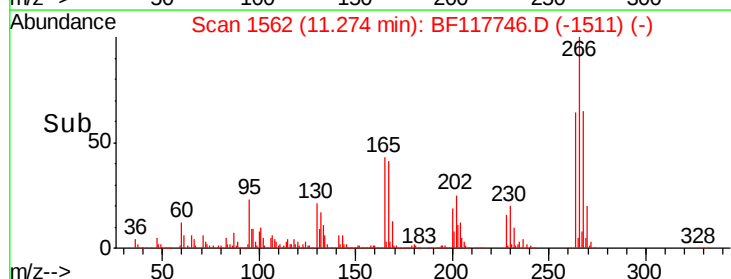
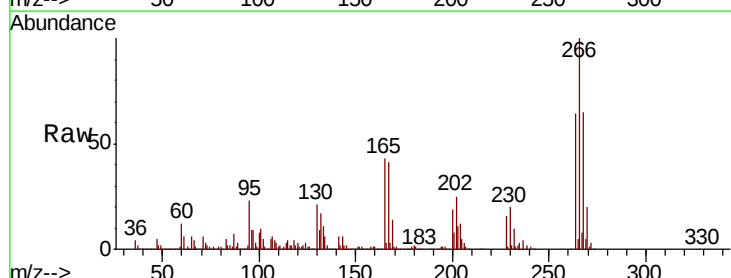
Manual Integrations
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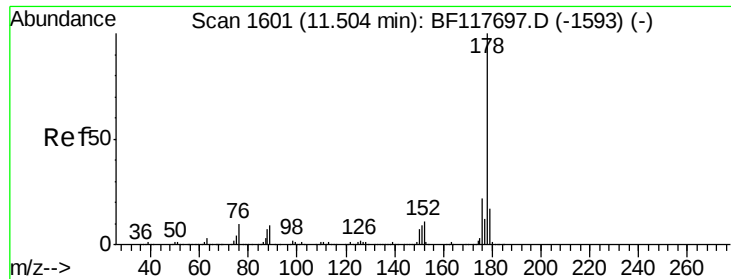
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#70
Pentachlorophenol
Concen: 80.265 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	49.8	74.6
264	64.3	49.7	74.5





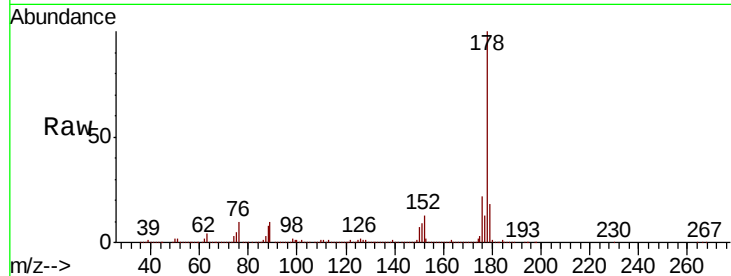
#71
Phenanthrene
Concen: 47.081 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

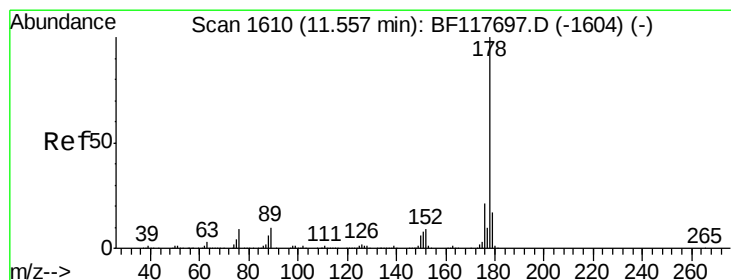
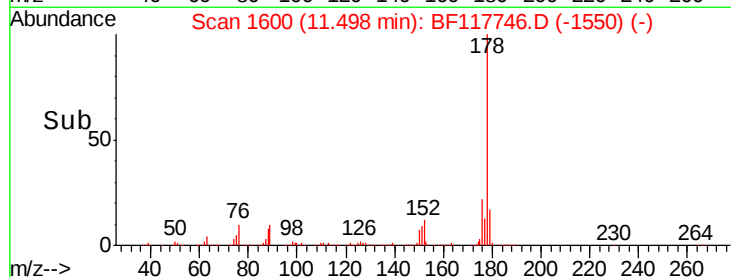
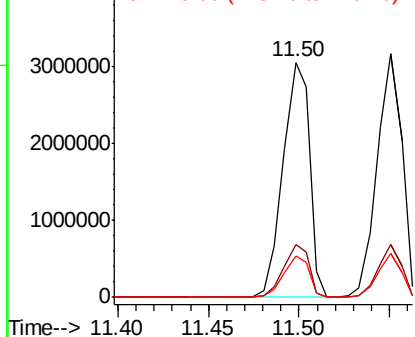
Tot Ion:178 Resp: 3132491
Ion Ratio Lower Upper
178 100
176 22.4 17.7 26.5
179 17.7 13.8 20.8

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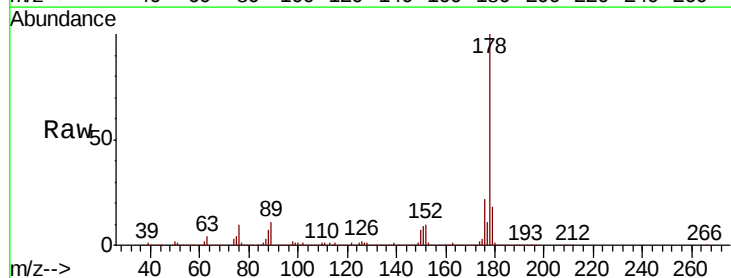


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

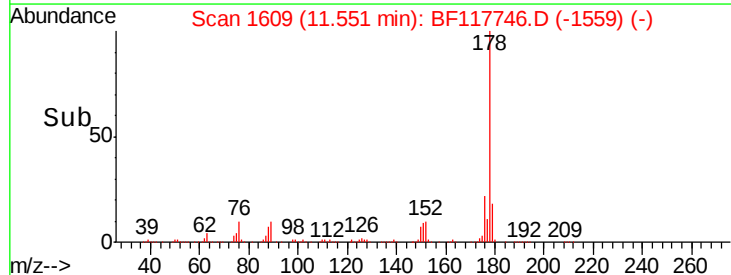
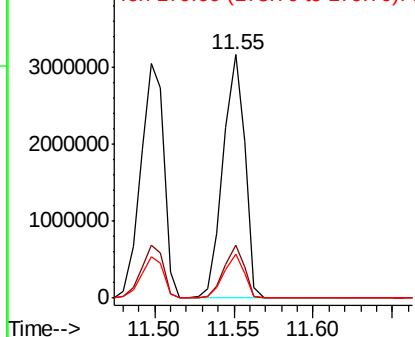


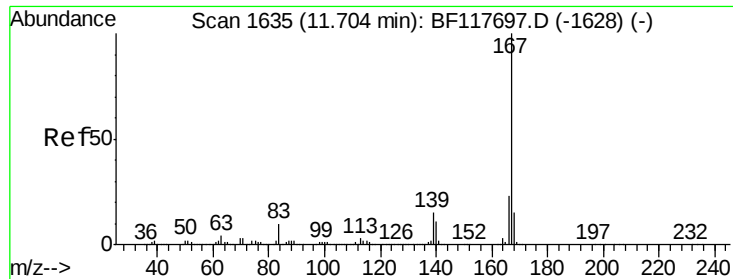
#72
Anthracene
Concen: 45.706 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:178 Resp: 3025450
Ion Ratio Lower Upper
178 100
176 21.9 16.6 25.0
179 18.0 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





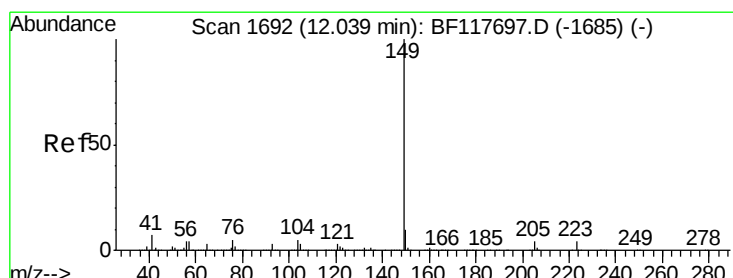
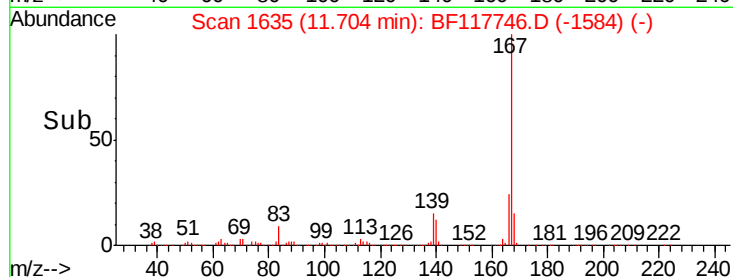
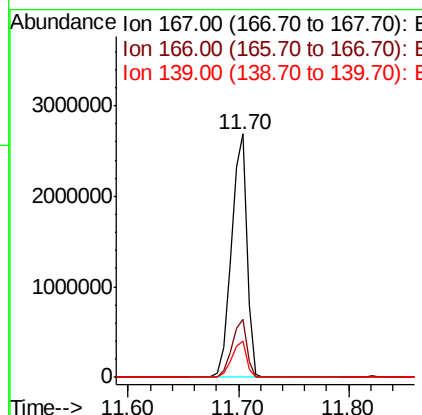
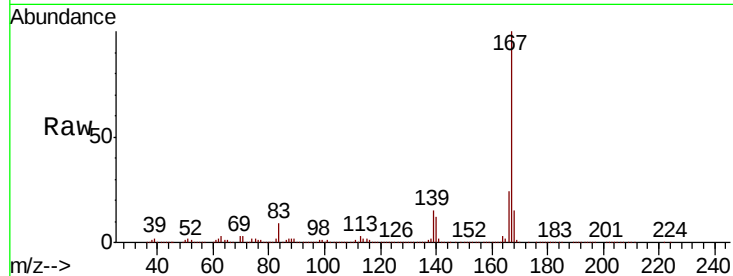
#73
 Carbazole
 Concen: 43.843 ng
 RT: 11.70 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Instrument :
 BNA_F
 ClientSampleId :
 3-CMSD

Tot Ion:167 Resp: 2653007
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.6 27.8
 139 14.9 11.9 17.9

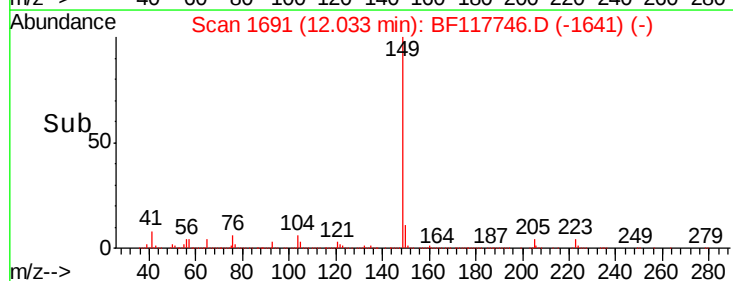
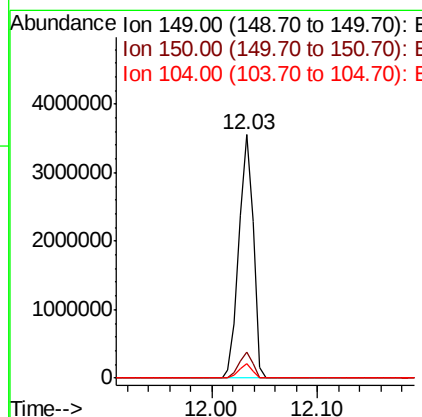
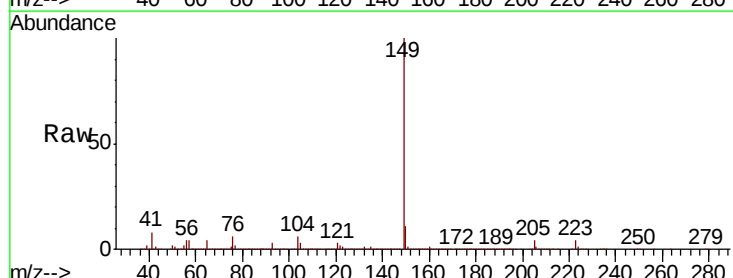
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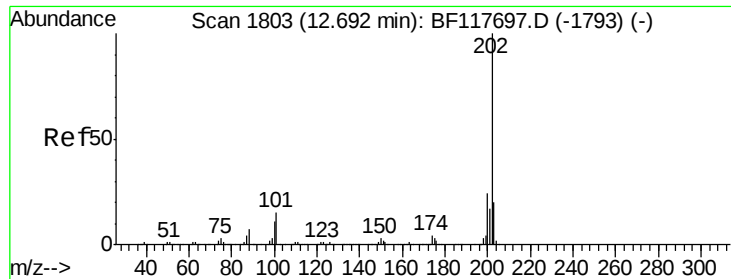
mohammad
 11/11/2019 8:06:29 AM



#74
 Di-n-butylphthalate
 Concen: 44.658 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BF117746.D
 Acq: 8 Nov 2019 22:04

Tgt Ion:149 Resp: 3285911
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.3 12.5
 104 5.9 4.2 6.4





#75

Fluoranthene

Concen: 53.576 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

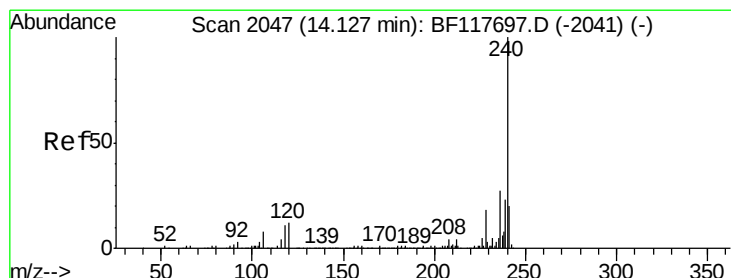
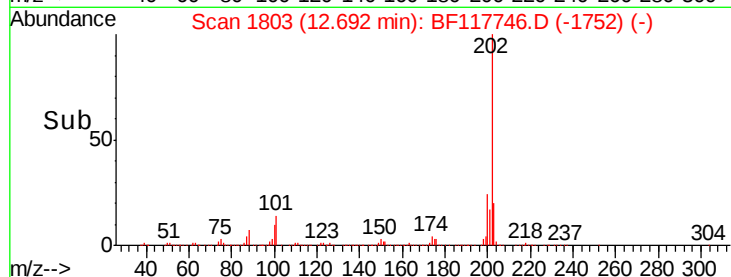
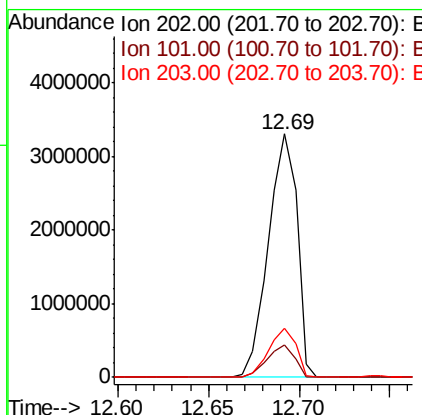
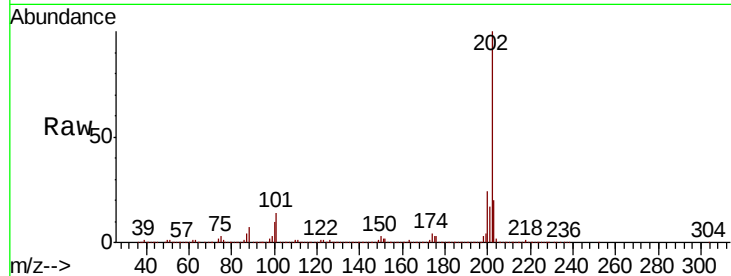
ClientSampleId :

3-CMSD

Tot Ion:	202	Resp:	3639769
Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.5
203	20.2	0.0	39.8

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#76

Chrysene-d12

Concen: 20.000 ng

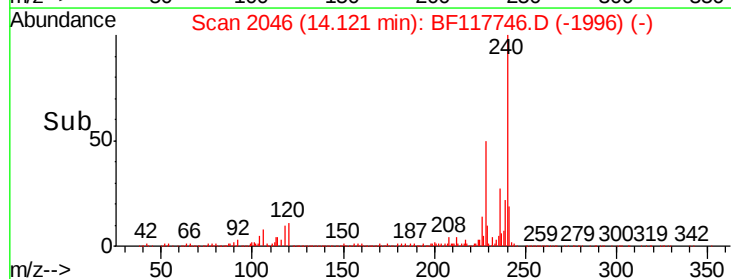
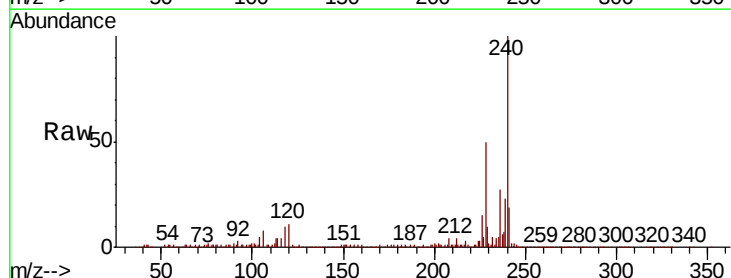
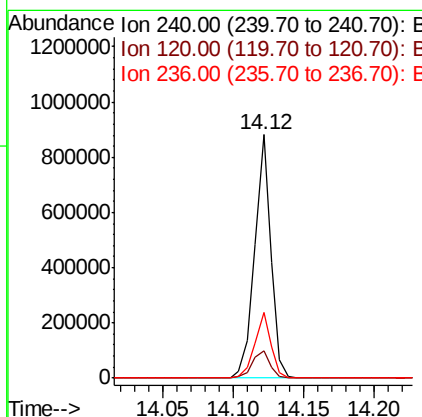
RT: 14.12 min Scan# 2046

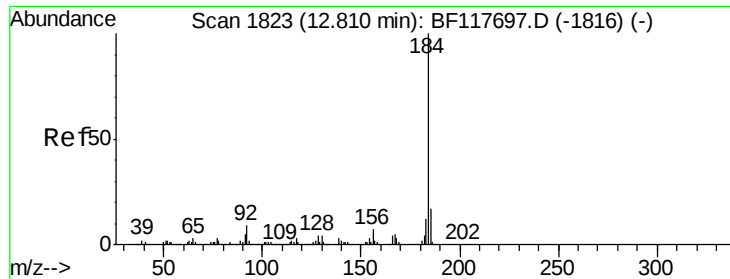
Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Tgt Ion:	240	Resp:	713659
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.7	14.5
236	27.0	21.9	32.9





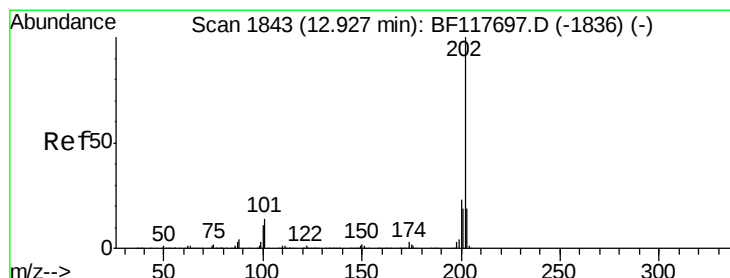
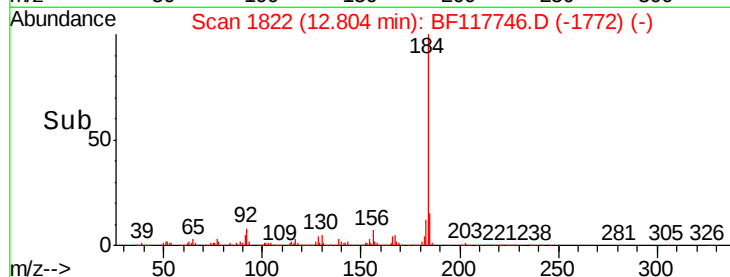
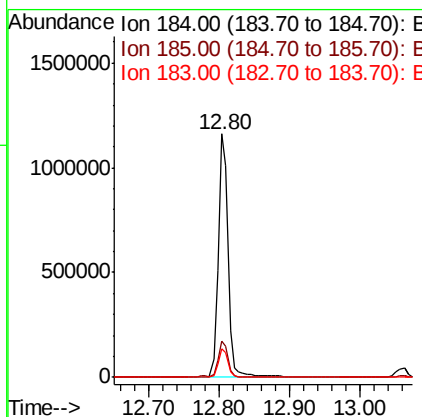
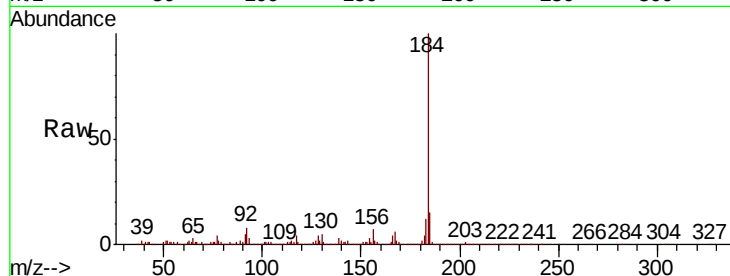
#77
Benzidine
Concen: 45.262 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.3	19.9
183	11.7	9.6	14.4

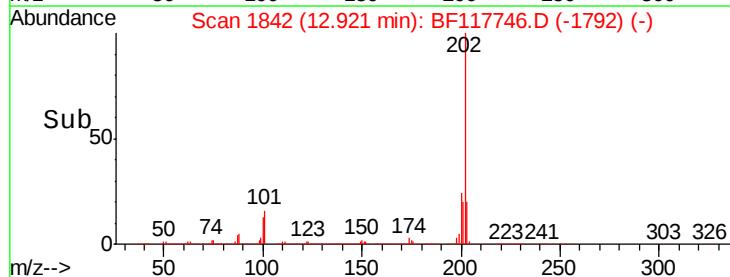
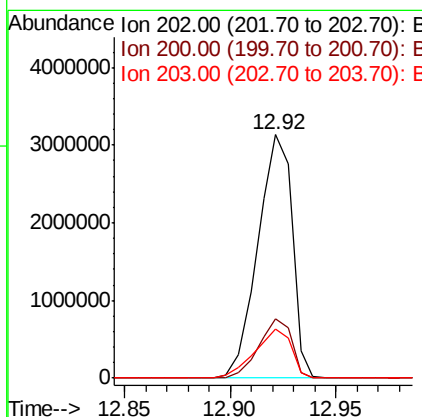
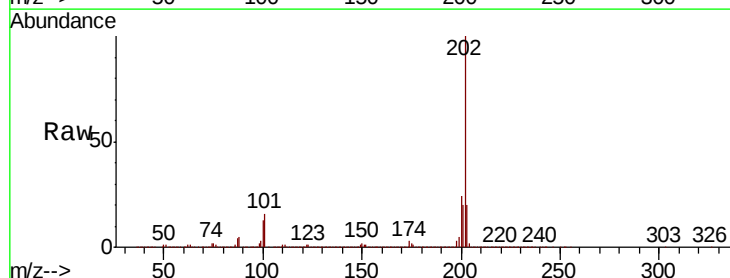
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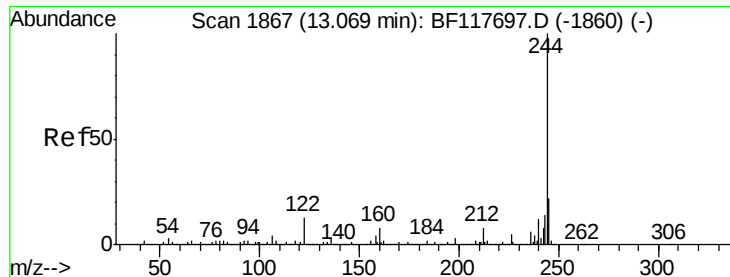
mohammad
11/11/2019 8:06:29 AM



#78
Pyrene
Concen: 67.945 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.3	18.8	28.2
203	20.2	15.2	22.8





#79

Terphenyl-d14

Concen: 89.849 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

Tot Ion:244 Resp: 3114834

Ion Ratio Lower Upper

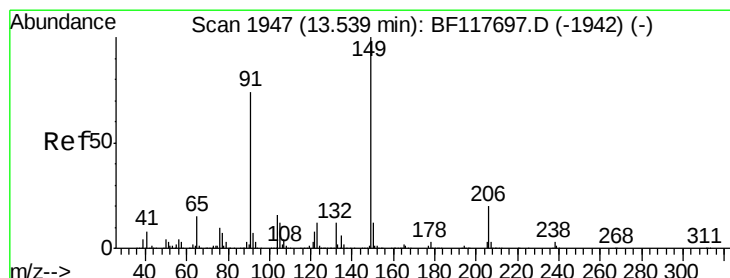
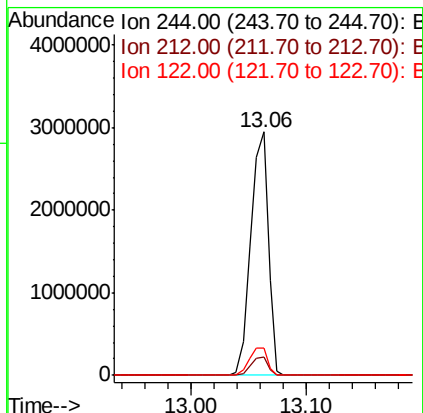
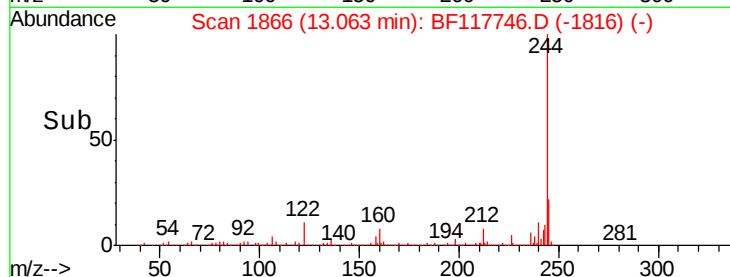
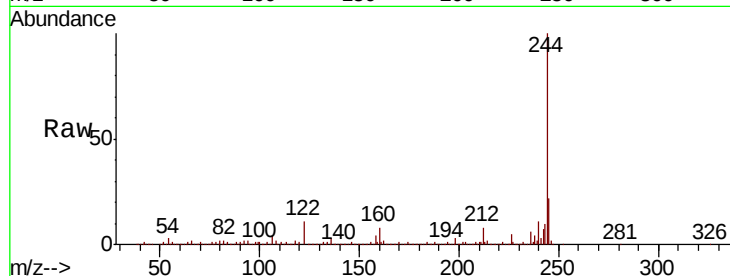
244 100

212 7.6 6.4 9.6

122 11.5 10.0 15.0

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 54.893 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

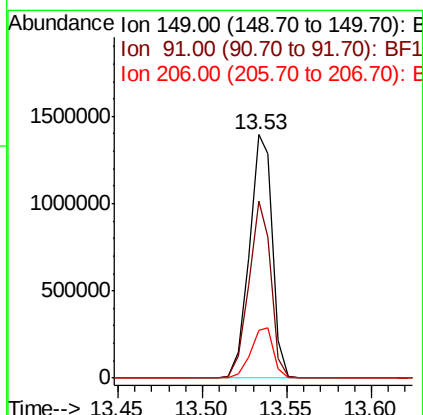
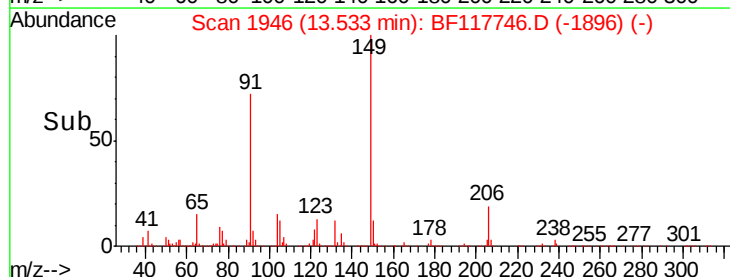
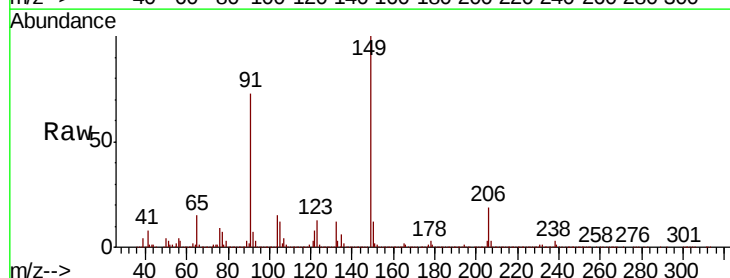
Tgt Ion:149 Resp: 1320902

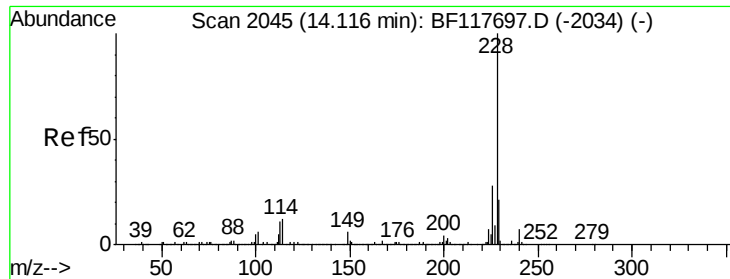
Ion Ratio Lower Upper

149 100

91 72.5 59.1 88.7

206 19.4 16.1 24.1





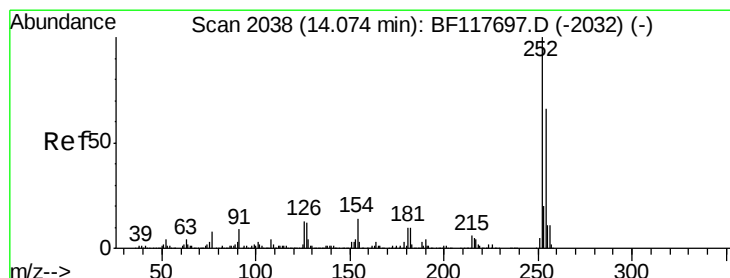
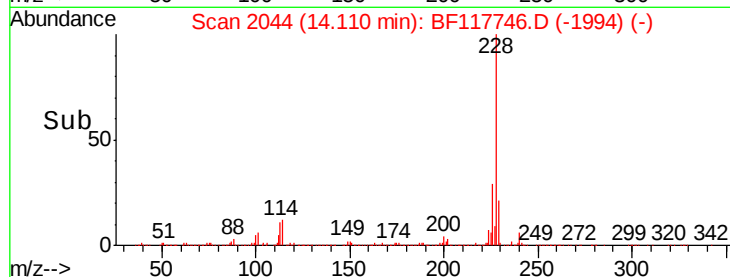
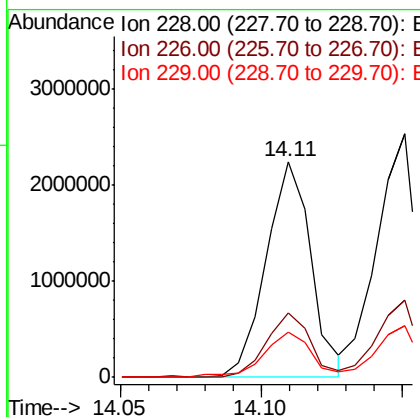
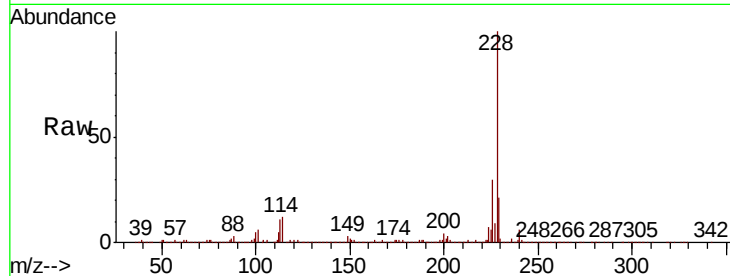
#81
Benzo(a)anthracene
Concen: 55.370 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.8	34.2
229	21.0	16.9	25.3

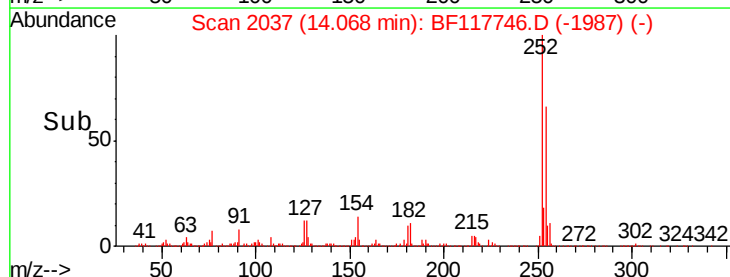
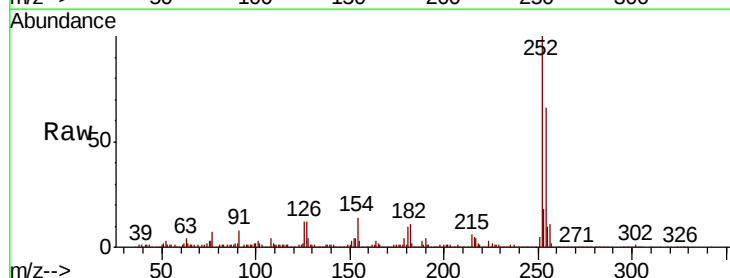
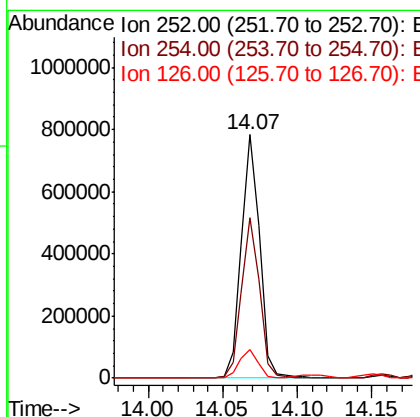
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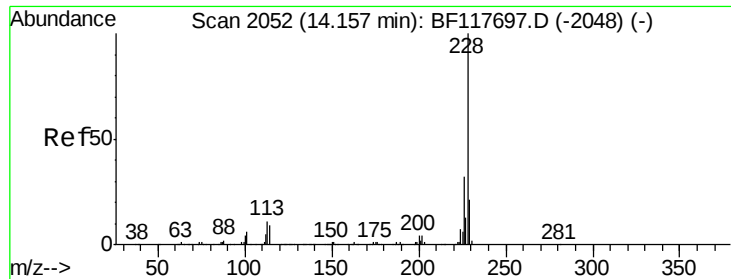
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 40.385 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	53.1	79.7
126	12.0	10.3	15.5





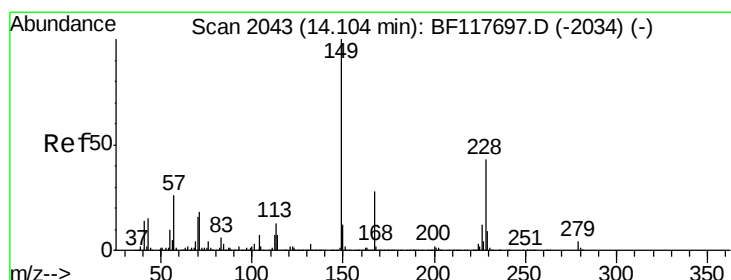
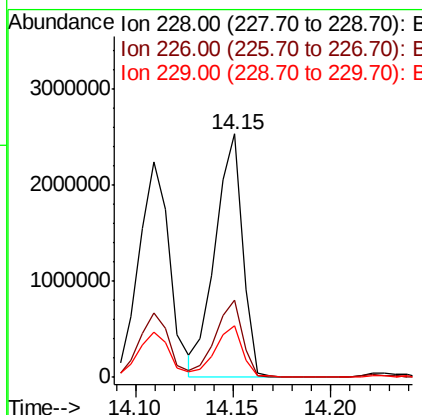
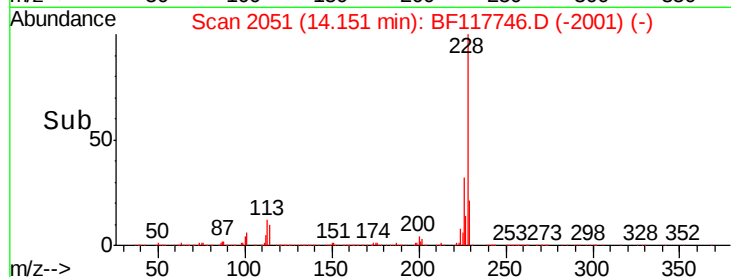
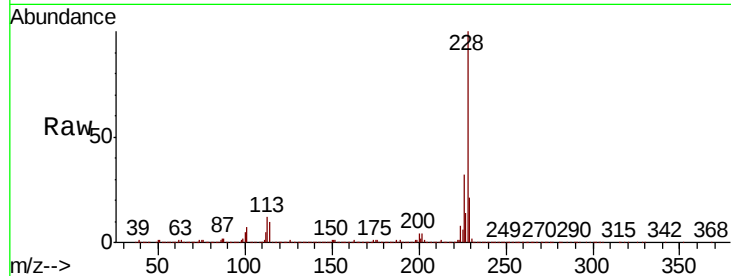
#83
Chrysene
Concen: 56.188 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion:228 Resp: 2464923
Ion Ratio Lower Upper
228 100
226 31.9 25.4 38.2
229 21.1 16.6 24.8

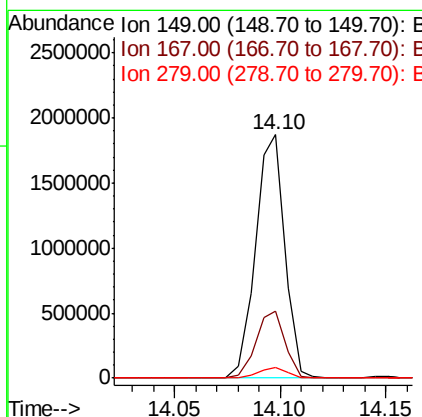
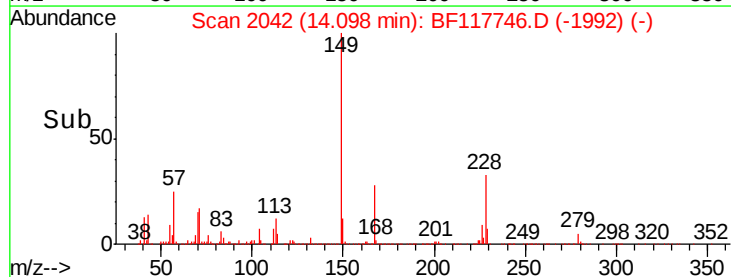
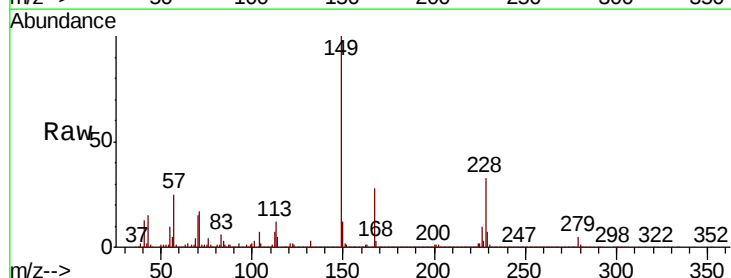
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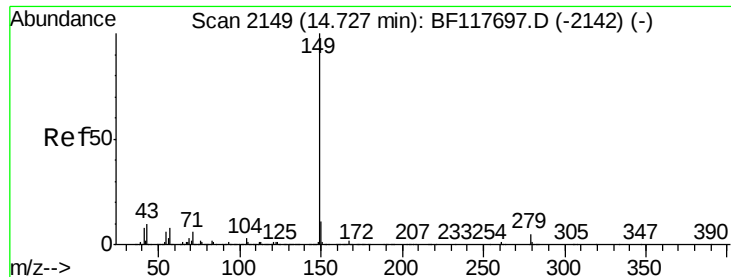
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 57.665 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion:149 Resp: 1789931
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.2
279 4.6 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 57.062 ng

RT: 14.72 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

ClientSampleId :

3-CMSD

Tot Ion:149 Resp: 2787233

Ion Ratio Lower Upper

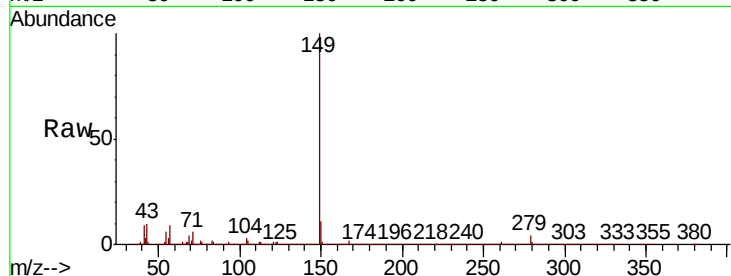
149 100

167 1.6 1.3 1.9

43 9.9 8.4 12.6

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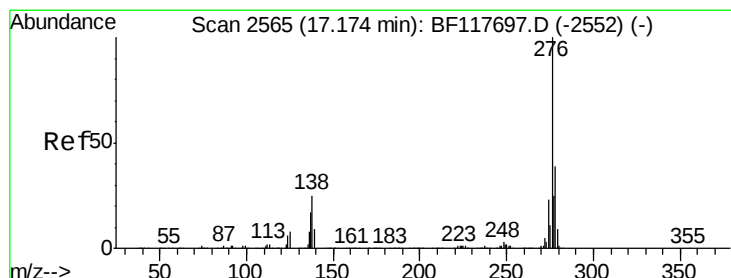
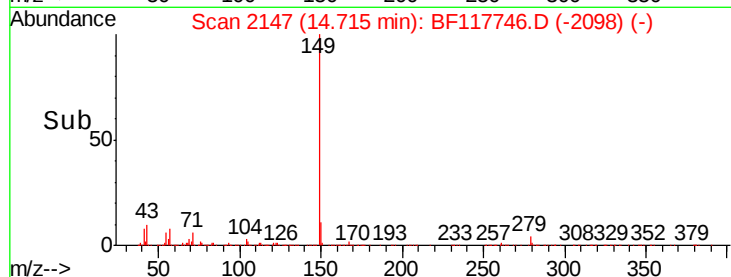
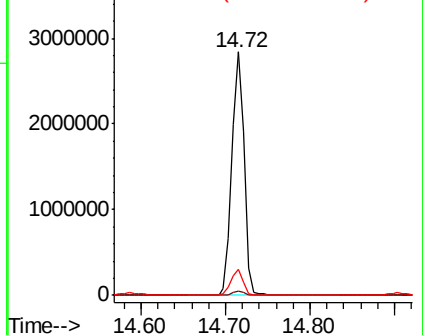
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 62.394 ng

RT: 17.17 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

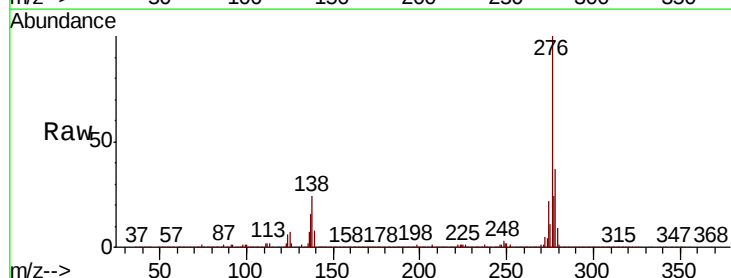
Tgt Ion:276 Resp: 2547623

Ion Ratio Lower Upper

276 100

138 27.0 22.4 33.6

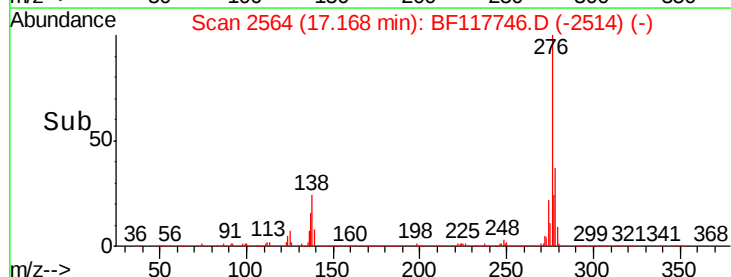
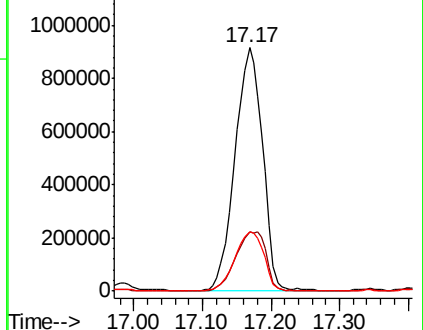
277 25.4 20.6 30.8

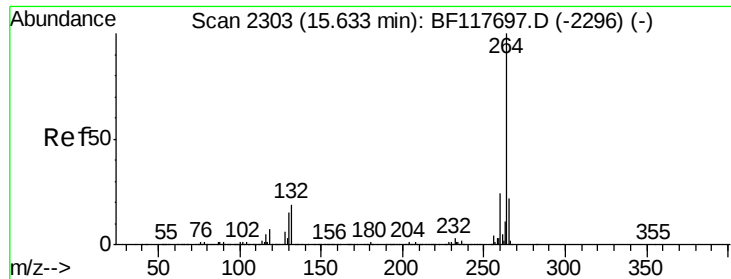


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





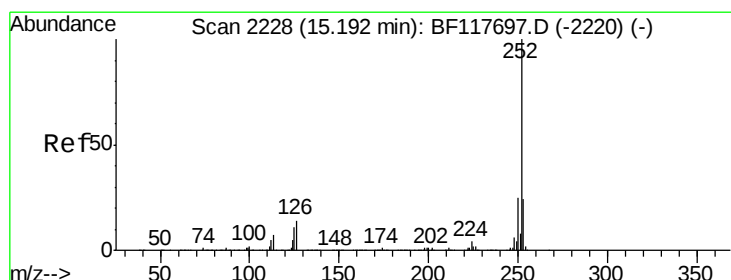
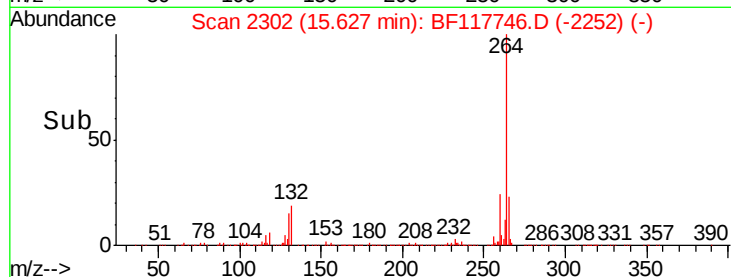
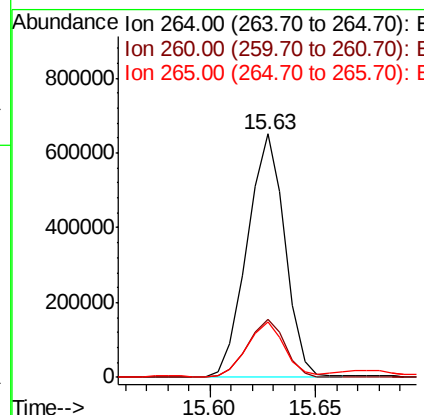
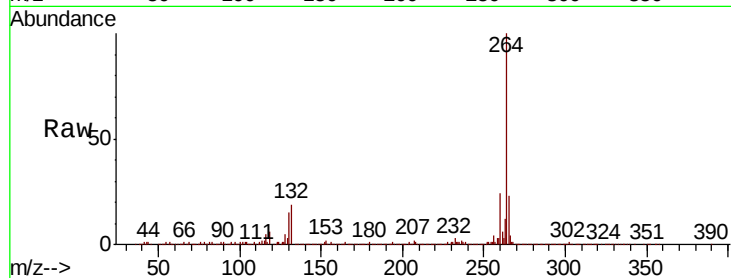
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.7	17.7	26.5

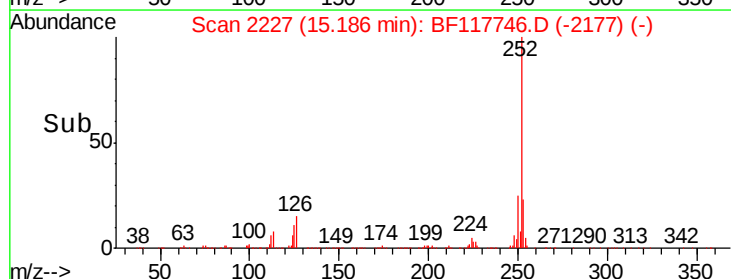
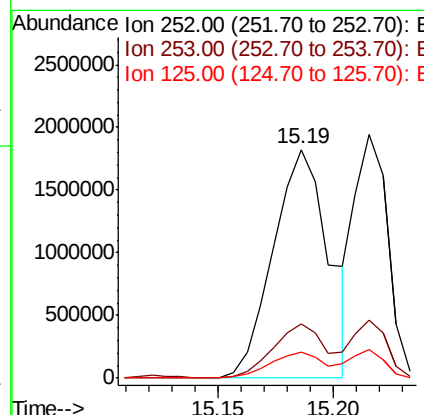
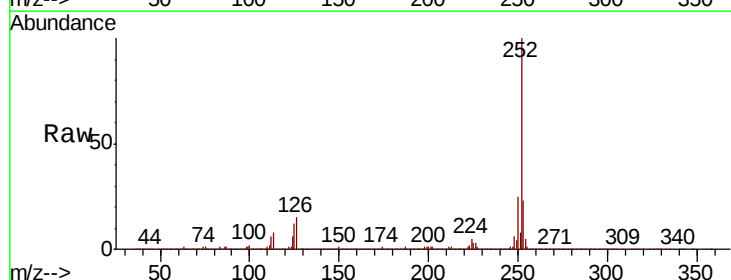
Manual Integrations
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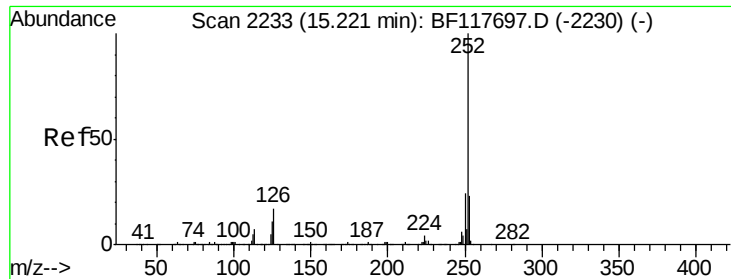
mohammad
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#88
Benzo(b)fluoranthene
Concen: 59.831 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	11.6	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 43.235 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Instrument :

BNA_F

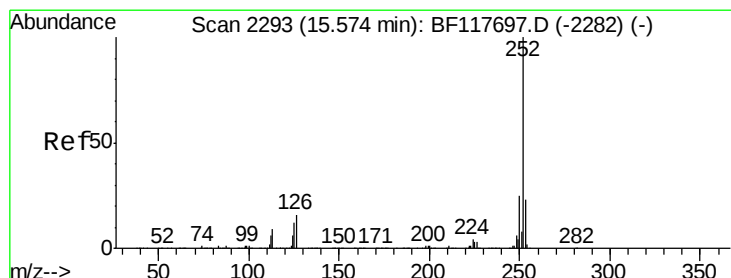
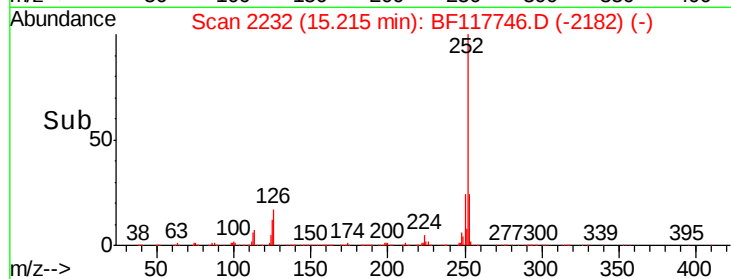
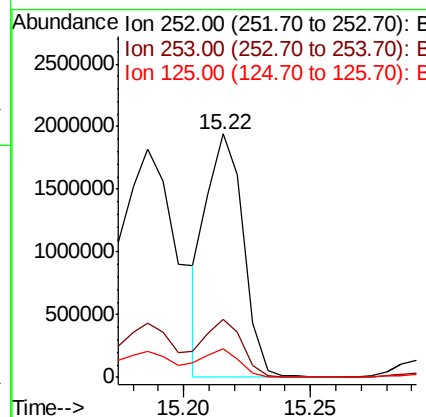
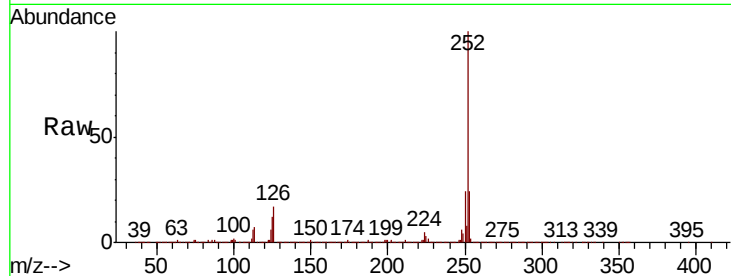
ClientSampled :

3-CMSD

Tot Ion:	252	Resp:	1953554
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	11.7	9.1	13.7

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 50.797 ng

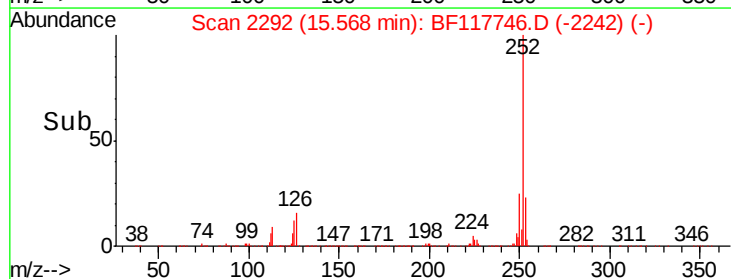
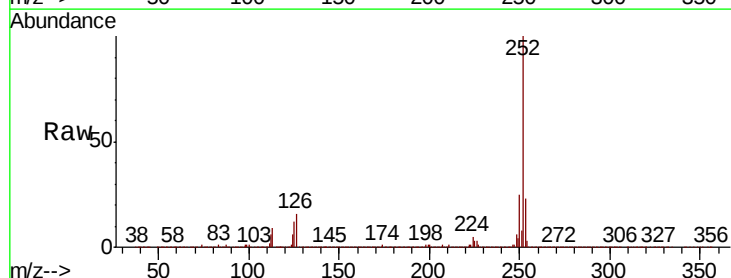
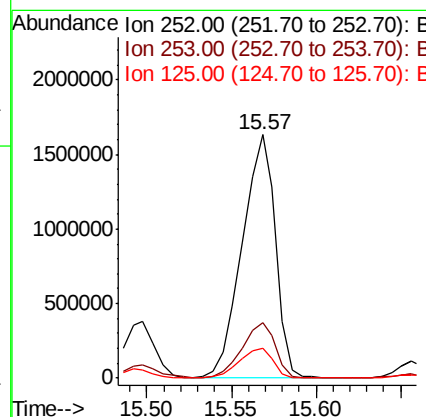
RT: 15.57 min Scan# 2292

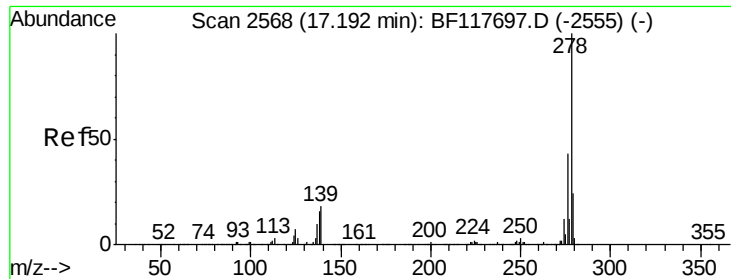
Delta R.T. -0.01 min

Lab File: BF117746.D

Acq: 8 Nov 2019 22:04

Tgt Ion:	252	Resp:	2230855
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.4	9.5	14.3





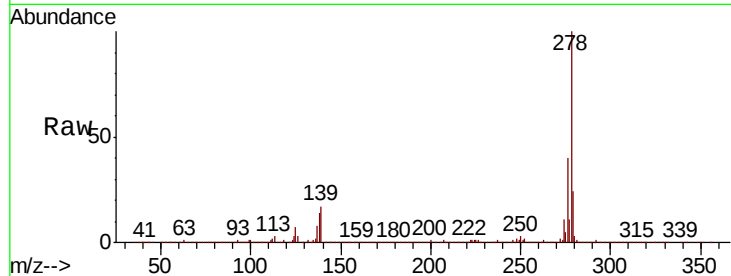
#91
Dibenzo(a,h)anthracene
Concen: 48.485 ng
RT: 17.19 min Scan# 2568
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Instrument :
BNA_F
ClientSampleId :
3-CMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.3	21.5
279	24.5	19.0	28.6

Manual Integrations
APPROVED

mohammad
11/11/2019 8:06:29 AM

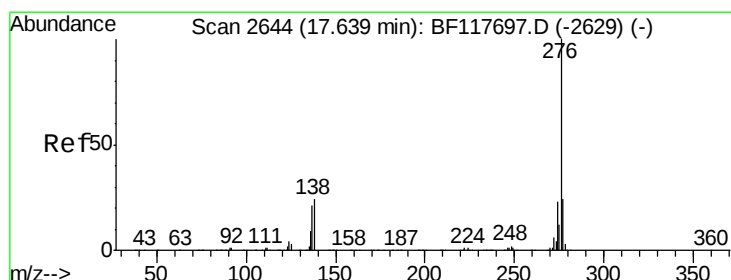
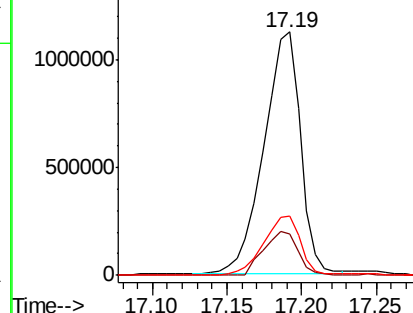
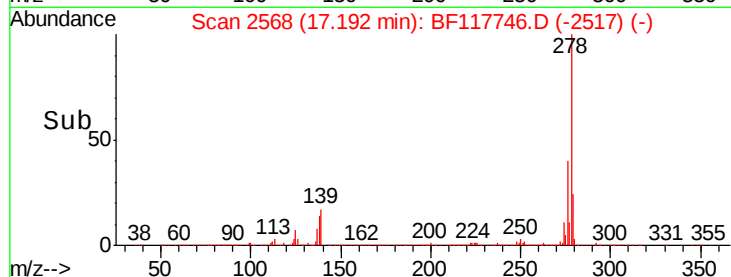


Abundance

Ion 278.00 (277.70 to 278.70): E

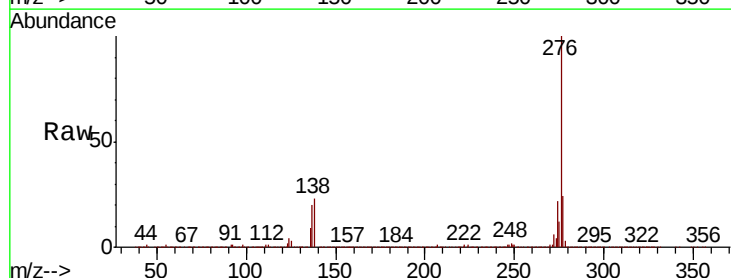
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 55.136 ng
RT: 17.64 min Scan# 2644
Delta R.T. -0.00 min
Lab File: BF117746.D
Acq: 8 Nov 2019 22:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	23.1	19.2	28.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

