

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
 Data File : BF121129.D
 Acq On : 30 Jul 2020 15:38
 Operator : JU/CG
 Sample : L3183-22MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820MSD

Quant Time: Jul 30 16:25:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143752	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	563220	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	296238	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	581291	20.00	ng	0.00
76) Chrysene-d12	13.97	240	472791	20.00	ng	0.01
86) Perylene-d12	15.42	264	517486	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1020499	116.38	ng	0.02
7) Phenol-d6	6.45	99	1170943	103.38	ng	0.00
23) Nitrobenzene-d5	7.37	82	904559	92.93	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	440411	135.82	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1566156	78.93	ng	0.00
79) Terphenyl-d14	12.92	244	1706525	78.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	167733	41.563	ng	# 85
3) Pyridine	3.39	79	341307	31.792	ng	99
4) n-Nitrosodimethylamine	3.30	42	196870	42.885	ng	99
6) Aniline	6.46	93	296642	20.063	ng	# 57
8) 2-Chlorophenol	6.59	128	455446	47.148	ng	100
9) Benzaldehyde	6.35	77	210440	37.782	ng	97
10) Phenol	6.46	94	439938	35.308	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	457795	47.940	ng	98
12) 1,3-Dichlorobenzene	6.74	146	450597	43.017	ng	99
13) 1,4-Dichlorobenzene	6.82	146	456768	43.853	ng	100
14) 1,2-Dichlorobenzene	6.97	146	433685	44.012	ng	99
15) Benzyl Alcohol	6.95	79	370681	46.275	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	582123	42.294	ng	91
17) 2-Methylphenol	7.06	107	350719	40.963	ng	98
18) Hexachloroethane	7.31	117	168894	44.801	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	282999	43.937	ng	98
20) 3+4-Methylphenols	7.22	107	395869	36.346	ng	98
22) Acetophenone	7.21	105	584247	46.221	ng	96
24) Nitrobenzene	7.39	77	475357	45.311	ng	97
25) Isophorone	7.62	82	873028	44.941	ng	97
26) 2-Nitrophenol	7.70	139	250217	50.219	ng	99
27) 2,4-Dimethylphenol	7.74	122	389333	48.127	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	551141	46.478	ng	100
29) 2,4-Dichlorophenol	7.95	162	373165	45.142	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	399444	43.554	ng	100
31) Naphthalene	8.10	128	1255085	43.443	ng	100
32) Benzoic acid	7.86	122	93461	15.391	ng	97
33) 4-Chloroaniline	8.15	127	227175	17.627	ng	98
34) Hexachlorobutadiene	8.22	225	227333	42.048	ng	99
36) 4-Chloro-3-methylphenol	8.65	107	398535	47.008	ng	99
37) 2-Methylnaphthalene	8.80	142	869919	46.374	ng	99
38) 1-Methylnaphthalene	8.90	142	813061	45.764	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	393357	45.574	ng	99
41) Hexachlorocyclopentadiene	8.95	237	386062	80.931	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.08	196	278594	45.843	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	293100	42.519	ng	98
46) 1,1'-Biphenyl	9.26	154	1030151	45.588	ng	99
47) 2-Chloronaphthalene	9.29	162	800404	43.445	ng	99
48) 2-Nitroaniline	9.39	65	253754	45.576	ng	94
49) Acenaphthylene	9.70	152	1294820	45.240	ng	99
50) Dimethylphthalate	9.57	163	1018557	47.659	ng	100
51) 2,6-Dinitrotoluene	9.63	165	224500	48.895	ng	99
52) Acenaphthene	9.87	154	755229	41.504	ng	99
53) 3-Nitroaniline	9.79	138	146646	25.466	ng	96
54) 2,4-Dinitrophenol	9.90	184	92154	38.724	ng	92
55) Dibenzofuran	10.05	168	1136683	43.197	ng	99
56) 4-Nitrophenol	9.97	139	316323	72.313	ng	98
57) 2,4-Dinitrotoluene	10.03	165	291111	48.280	ng	# 88
58) Fluorene	10.39	166	840643	42.834	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	253362	48.273	ng	99
60) Diethylphthalate	10.27	149	992754	45.925	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	420072	40.130	ng	98
62) 4-Nitroaniline	10.42	138	229676	40.945	ng	97
63) Azobenzene	10.54	77	919588	44.684	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	103931	32.262	ng	96
66) n-Nitrosodiphenylamine	10.50	169	829020	45.336	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	289265	44.633	ng	99
68) Hexachlorobenzene	10.94	284	323201	46.101	ng	96
69) Atrazine	11.03	200	219543	48.478	ng	98
70) Pentachlorophenol	11.14	266	325765	81.111	ng	98
71) Phenanthrene	11.35	178	1323037	44.255	ng	100
72) Anthracene	11.40	178	1349104	44.940	ng	100
73) Carbazole	11.56	167	1297354	43.547	ng	99
74) Di-n-butylphthalate	11.89	149	1581790	46.009	ng	100
75) Fluoranthene	12.54	202	1494472	45.099	ng	98
77) Benzidine	12.66	184	573143	46.108	ng	100
78) Pyrene	12.77	202	1526436	45.665	ng	100
80) Butylbenzylphthalate	13.39	149	711150	47.725	ng	95
81) Benzo(a)anthracene	13.96	228	1312838	45.856	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	238667	22.096	ng	99
83) Chrysene	14.00	228	1318018	43.807	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	907599	49.394	ng	100
85) Di-n-octyl phthalate	14.56	149	1702581	46.574	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1520999	42.263	ng	99
88) Benzo(b)fluoranthene	15.00	252	1458811	46.637	ng	99
89) Benzo(k)fluoranthene	15.03	252	1302800	45.668	ng	99
90) Benzo(a)pyrene	15.36	252	1277309	44.757	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	1249699	42.510	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1277868	44.085	ng	100

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

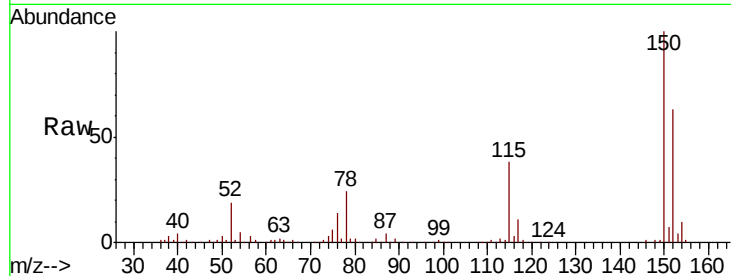


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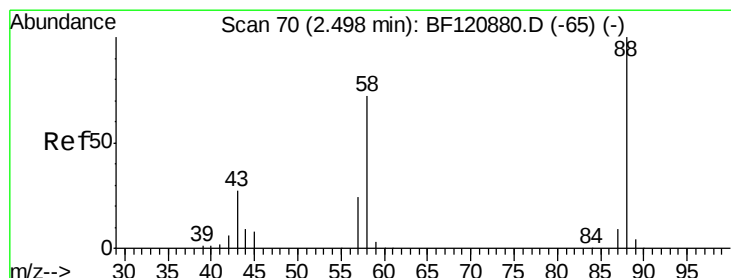
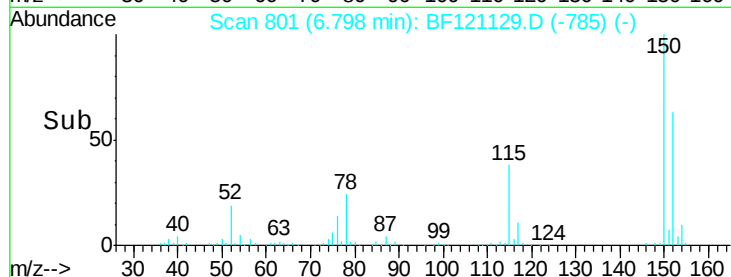
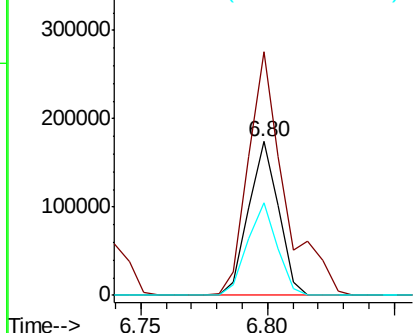
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Instrument :
BNA_F
ClientSampleId :
OK-02-072820MSD

Tot Ion:152 Resp: 143752
Ion Ratio Lower Upper
152 100
150 158.7 125.6 188.4
115 60.2 46.2 69.2



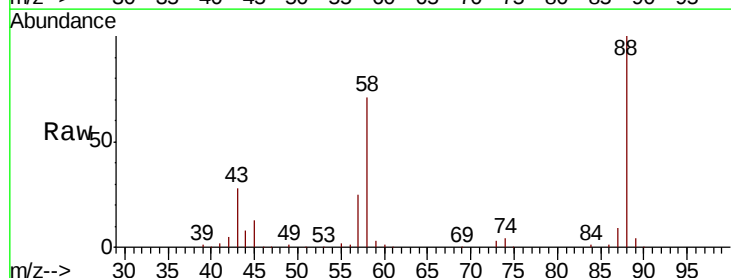
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



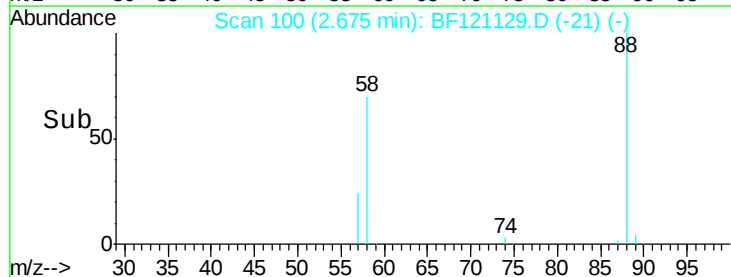
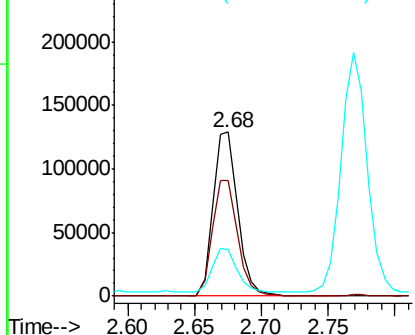
#2

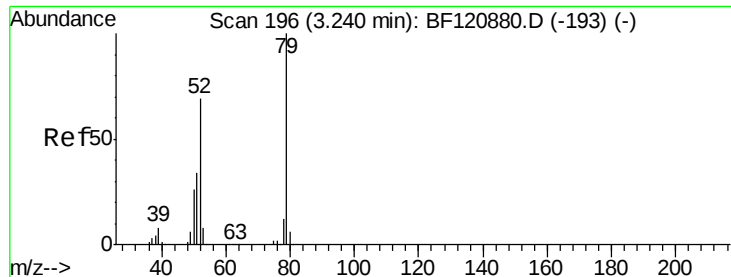
1,4-Dioxane
Concen: 41.563 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.16 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Tgt Ion: 88 Resp: 167733
Ion Ratio Lower Upper
88 100
58 71.9 58.2 87.4
43 0.0 21.3 31.9#



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

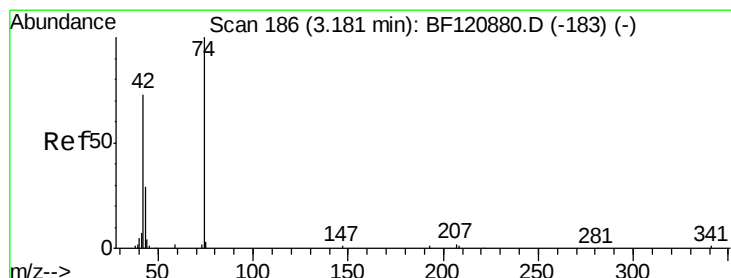
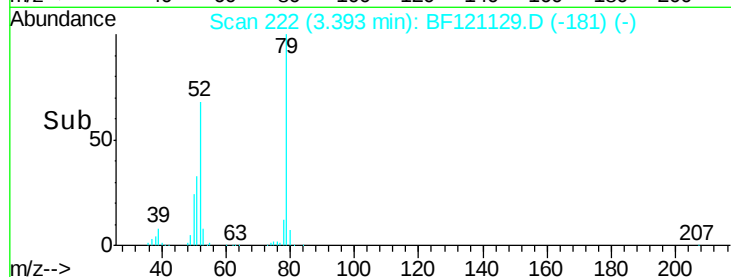
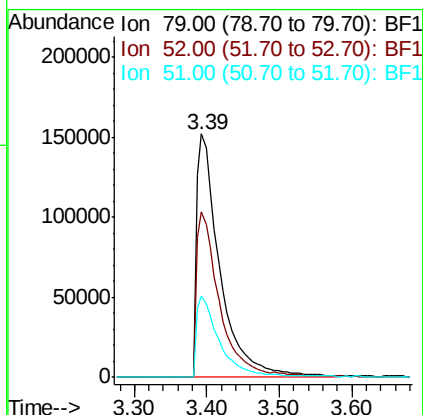
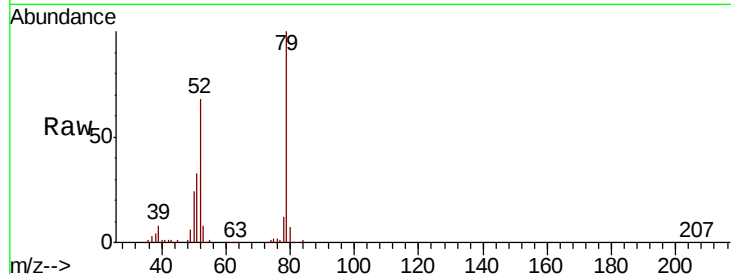




#3
 Pvridine
 Concen: 31.792 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.14 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

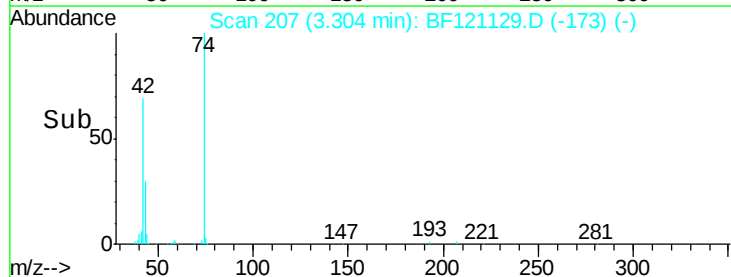
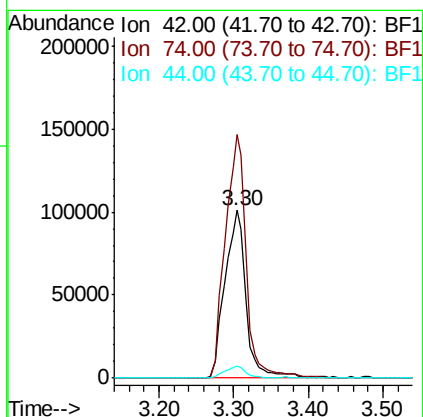
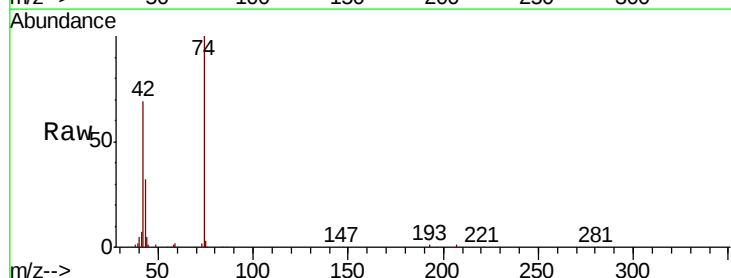
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820MSD

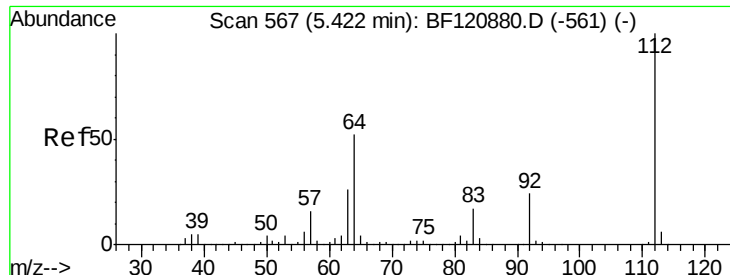
Tot Ion	Ratio	Lower	Upper
79	100		
52	68.1	54.9	82.3
51	33.3	27.4	41.0



#4
 n-Nitrosodimethylamine
 Concen: 42.885 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.10 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.2	117.3	175.9
44	7.3	5.9	8.9





#5

2-Fluorophenol

Concen: 116.378 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

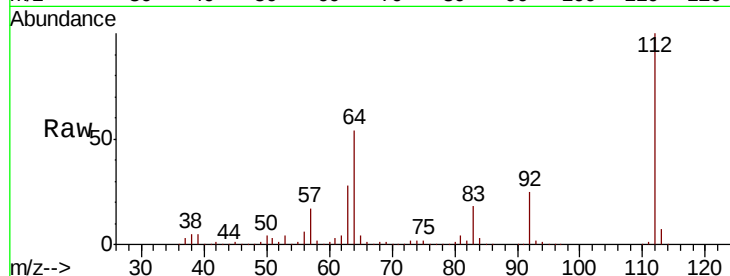
Tot Ion:112 Resp: 1020499

Ion Ratio Lower Upper

112 100

64 54.1 43.9 65.9

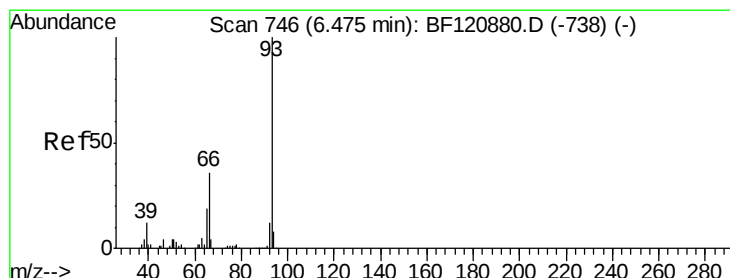
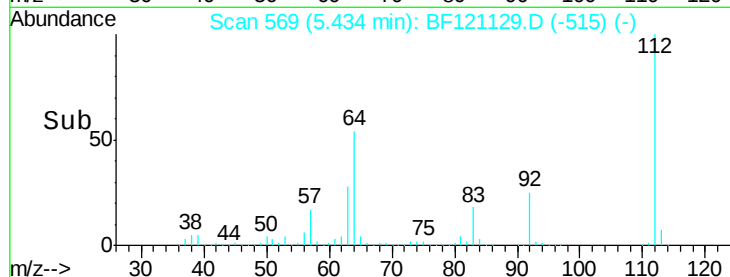
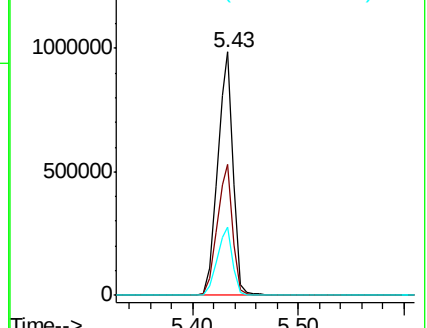
63 28.0 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.063 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

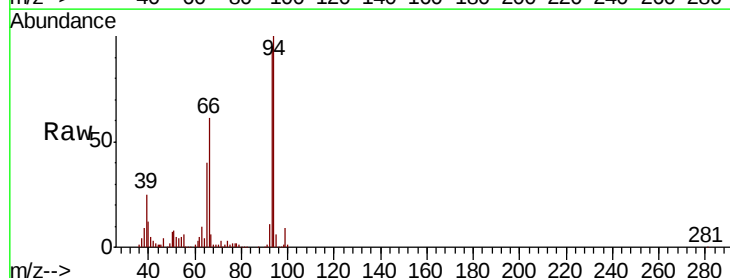
Tgt Ion: 93 Resp: 296642

Ion Ratio Lower Upper

93 100

66 64.2 31.0 46.4#

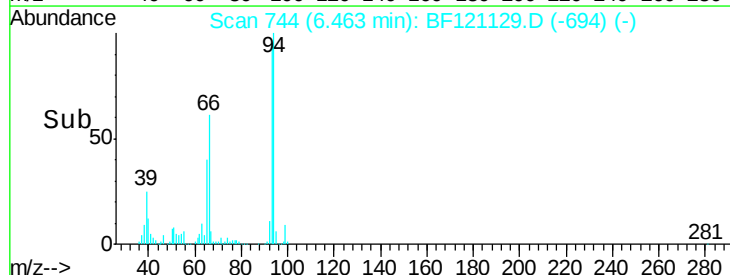
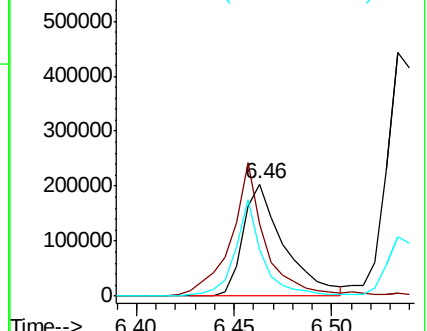
65 41.6 16.2 24.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.376 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

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ClientSampleId :

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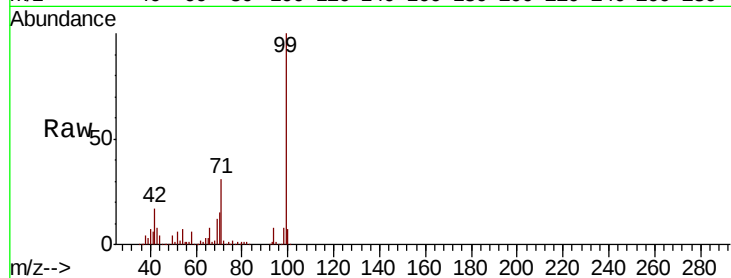
Tot Ion: 99 Resp: 1170943

Ion Ratio Lower Upper

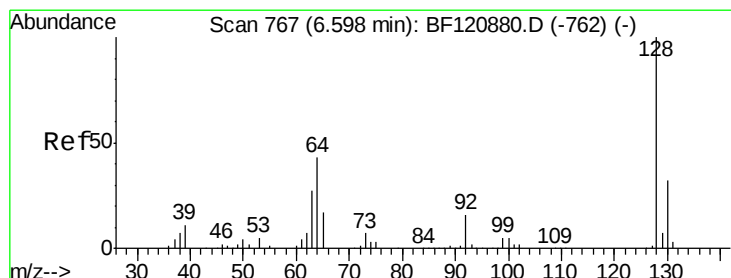
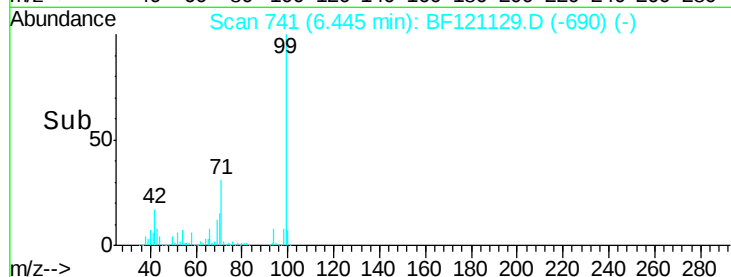
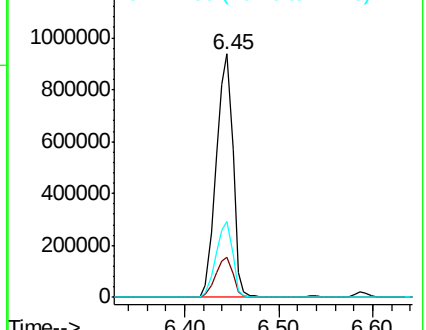
99 100

42 16.6 13.5 20.3

71 31.4 25.0 37.4



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: 47.148 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

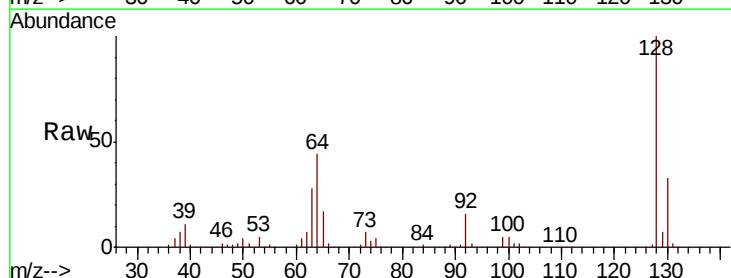
Tgt Ion: 128 Resp: 455446

Ion Ratio Lower Upper

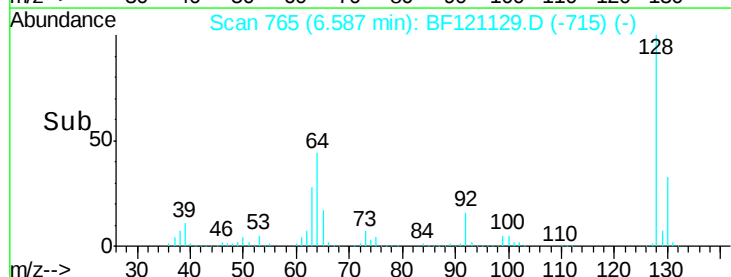
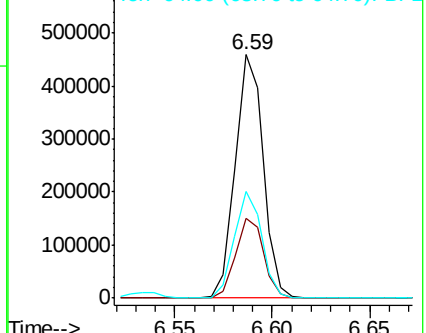
128 100

130 32.9 12.7 52.7

64 43.8 23.8 63.8



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: 37.782 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

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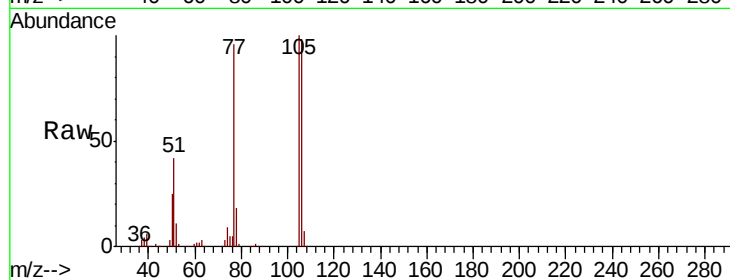
Tot Ion: 77 Resp: 210440

Ion Ratio Lower Upper

77 100

105 104.4 82.4 122.4

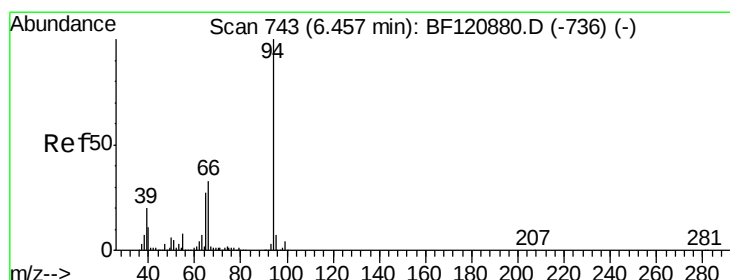
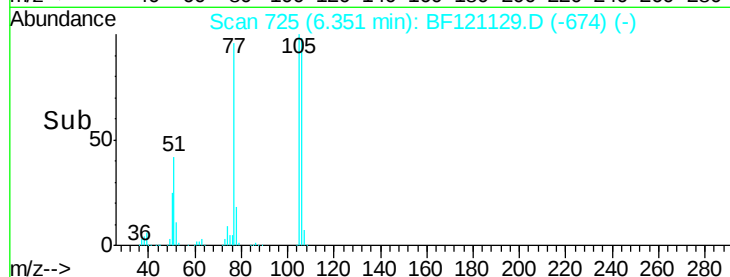
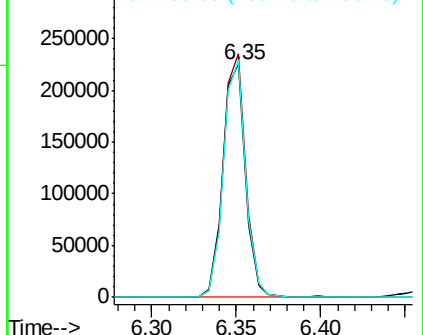
106 101.9 78.9 118.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.308 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

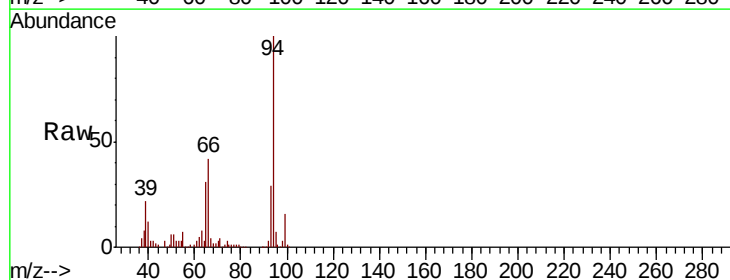
Tgt Ion: 94 Resp: 439938

Ion Ratio Lower Upper

94 100

65 30.6 12.6 52.6

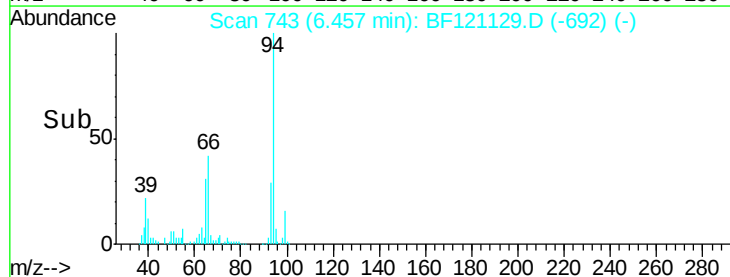
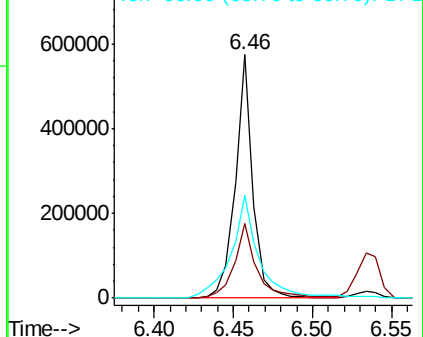
66 42.4 25.6 65.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

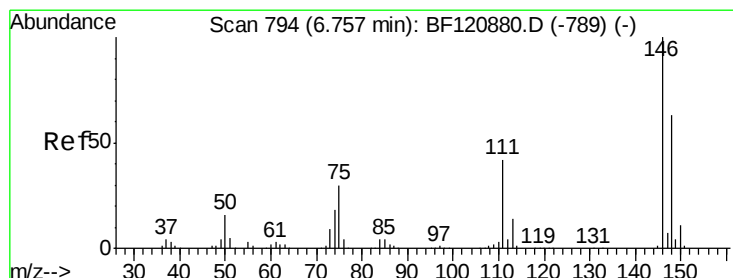
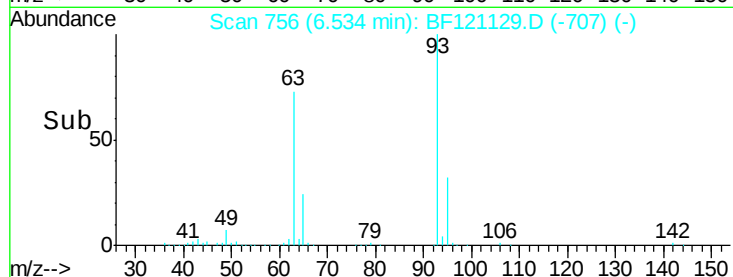
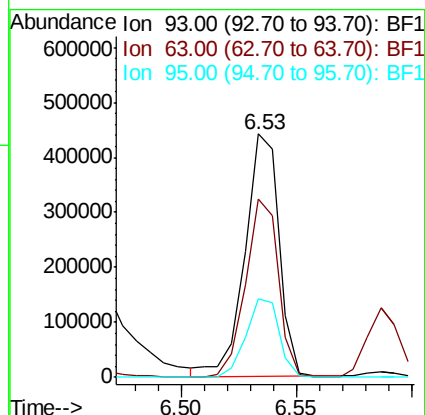
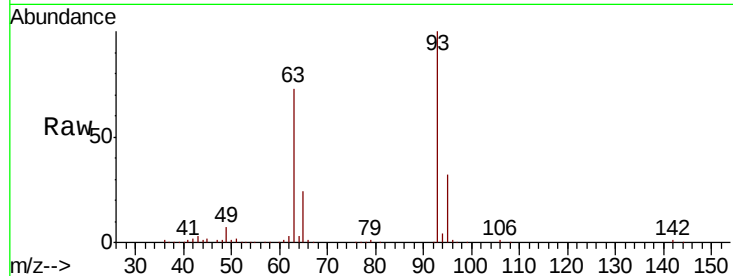




#11
bis(2-Chloroethyl)ether
Concen: 47.940 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

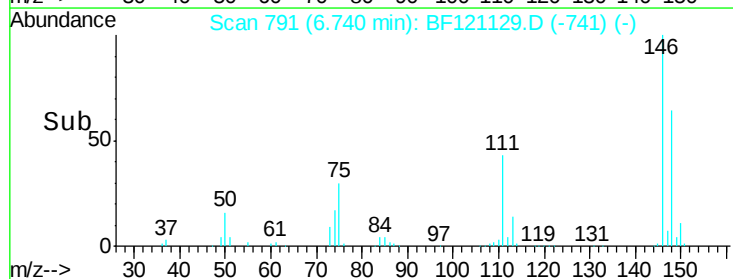
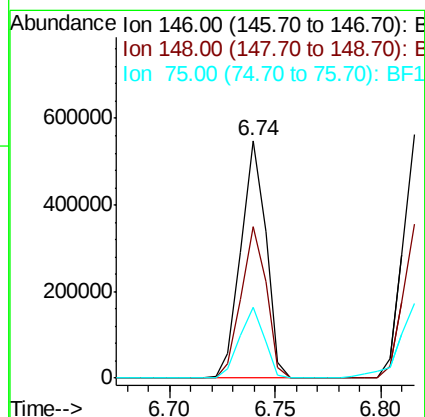
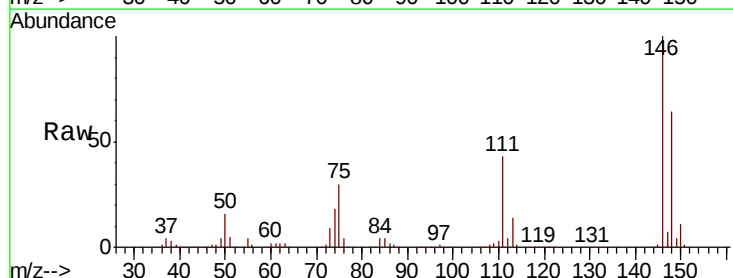
Instrument :
BNA_F
ClientSampleId :
OK-02-072820MSD

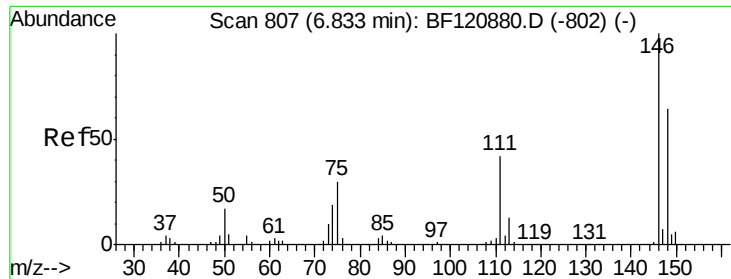
Tot Ion: 93 Resp: 457795
Ion Ratio Lower Upper
93 100
63 73.4 51.9 91.9
95 32.2 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 43.017 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Tgt Ion: 146 Resp: 450597
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
75 29.9 23.8 35.6

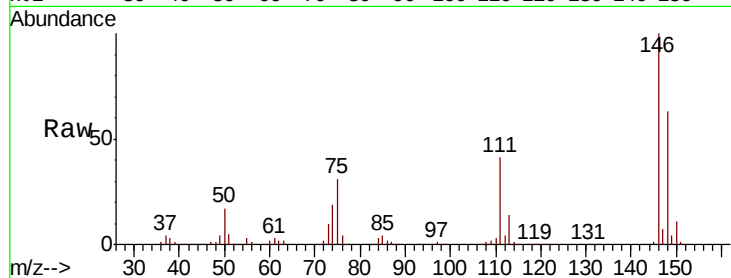




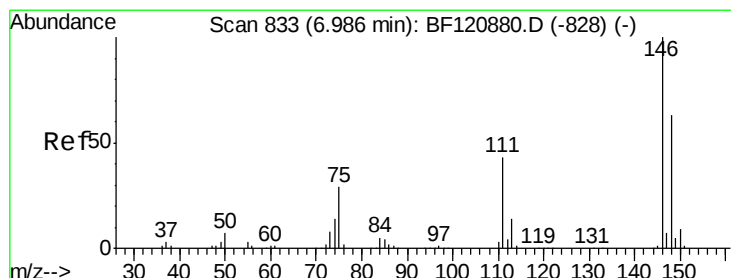
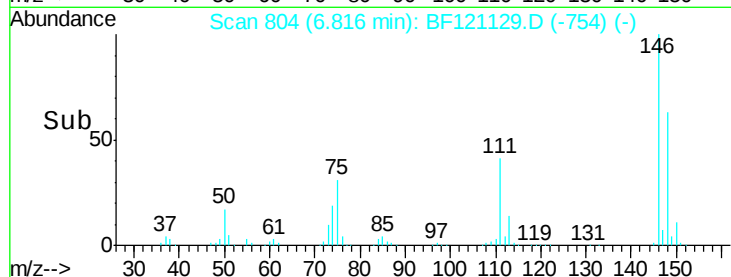
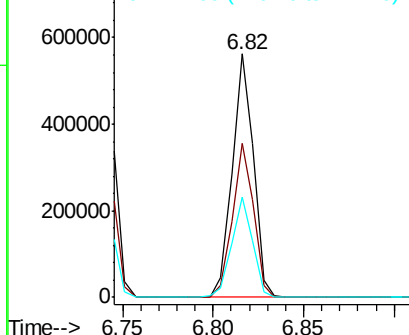
#13
 1,4-Dichlorobenzene
 Concen: 43.853 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820MSD

Tot Ion:146 Resp: 456768
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.5 75.7
 111 41.1 32.8 49.2

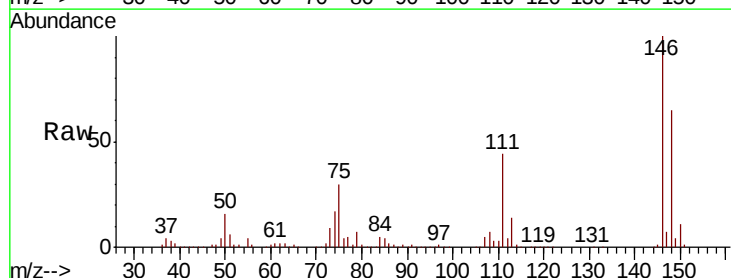


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

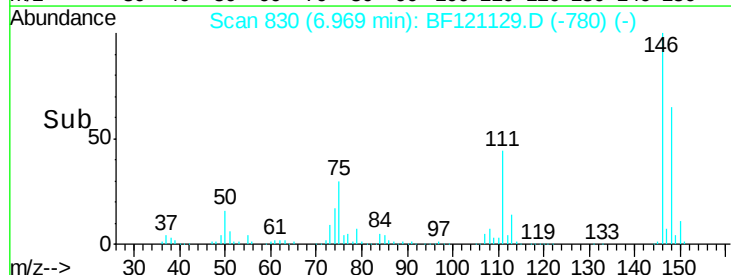
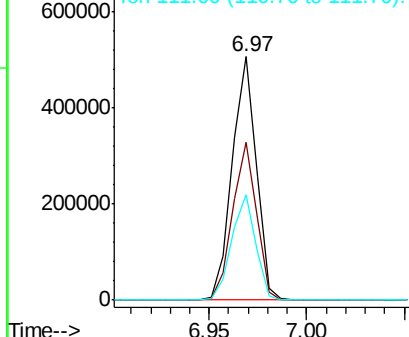


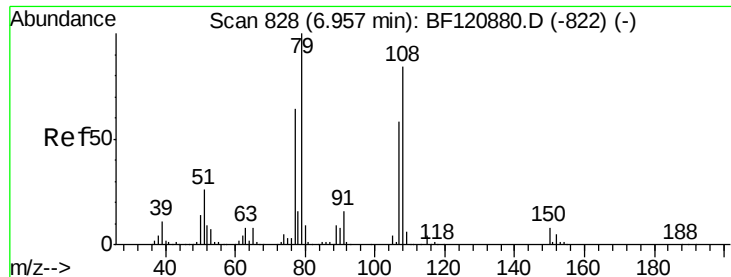
#14
 1,2-Dichlorobenzene
 Concen: 44.012 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Tgt Ion:146 Resp: 433685
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 43.5 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.275 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

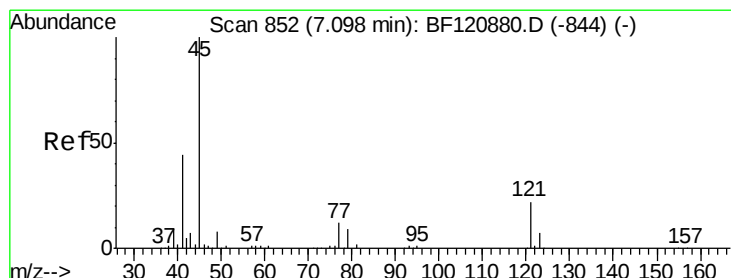
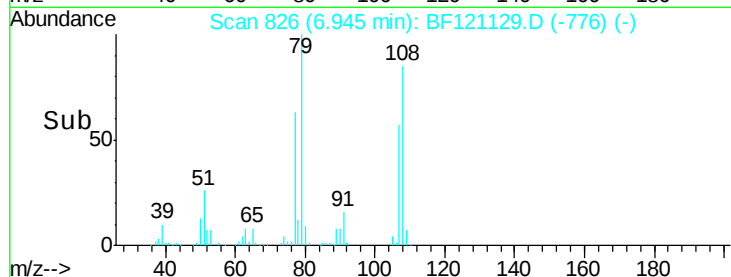
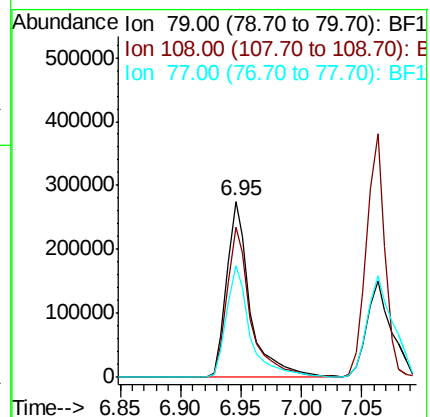
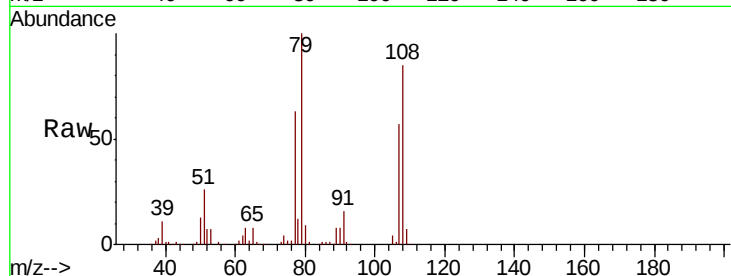
Tot Ion: 79 Resp: 370681

Ion Ratio Lower Upper

79 100

108 84.9 68.6 103.0

77 63.4 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.294 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

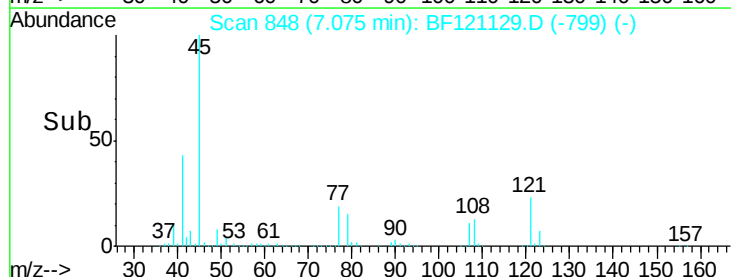
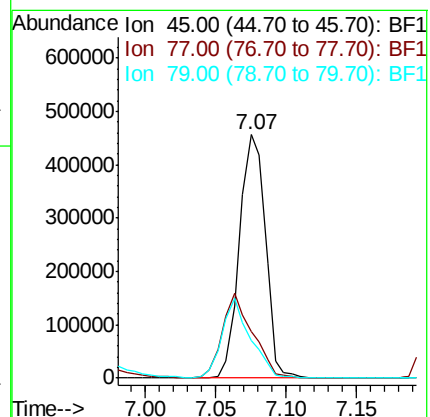
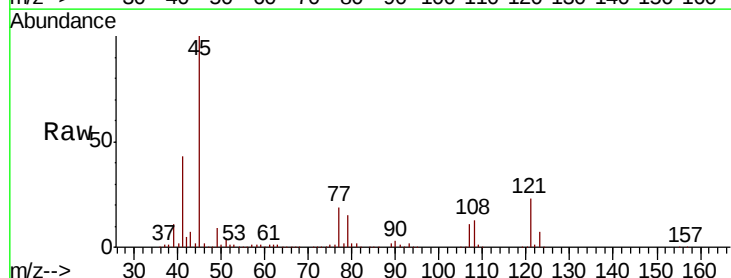
Tgt Ion: 45 Resp: 582123

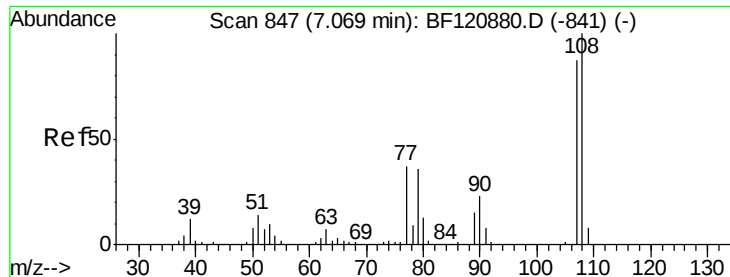
Ion Ratio Lower Upper

45 100

77 18.8 0.0 34.7

79 15.2 0.0 32.0

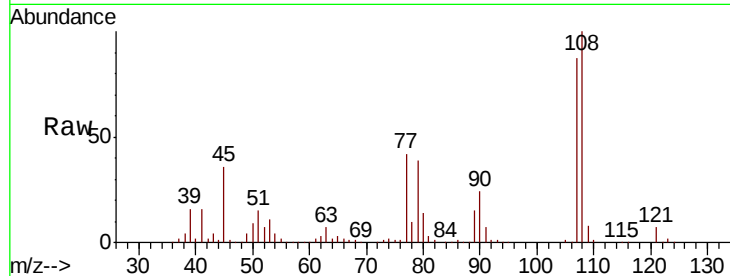




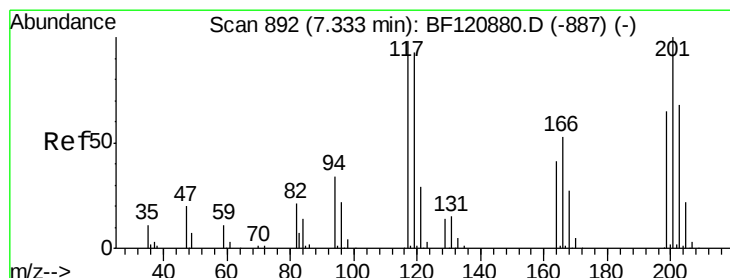
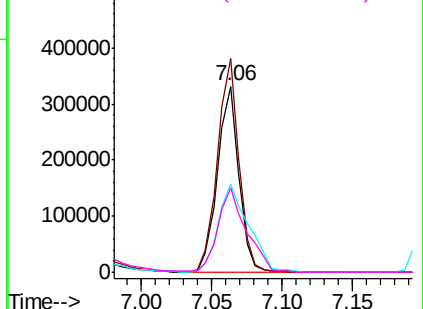
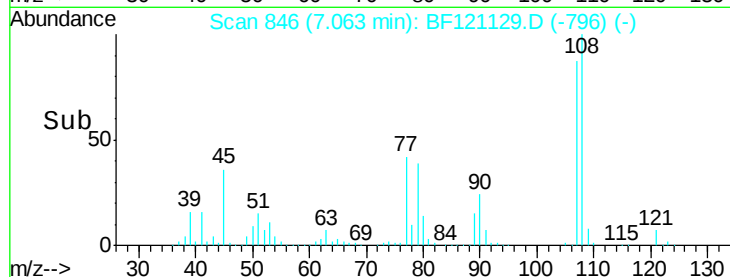
#17
2-Methylphenol
Concen: 40.963 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Instrument :
BNA_F
ClientSampleId :
OK-02-072820MSD

Tot Ion:107 Resp: 350719
Ion Ratio Lower Upper
107 100
108 115.0 91.2 136.8
77 47.7 36.5 54.7
79 45.3 35.0 52.6

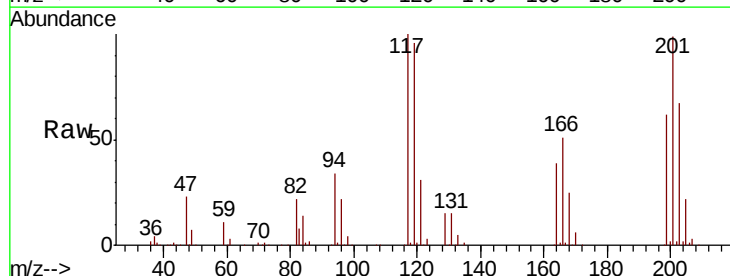


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

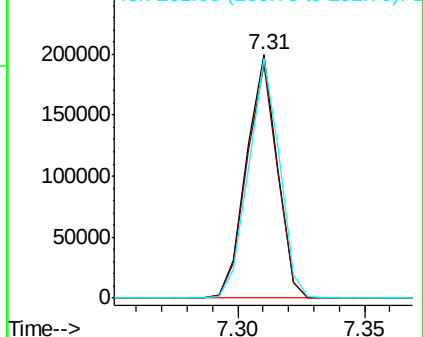
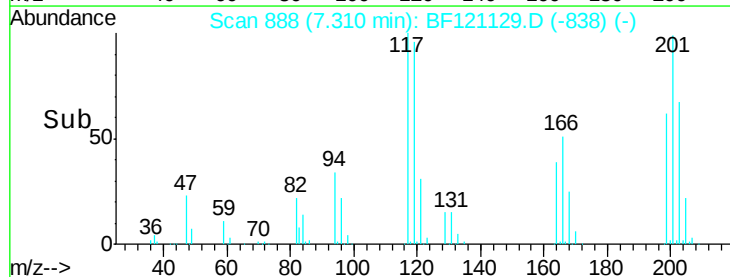


#18
Hexachloroethane
Concen: 44.801 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Tgt Ion:117 Resp: 168894
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8
201 98.6 75.0 112.4



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

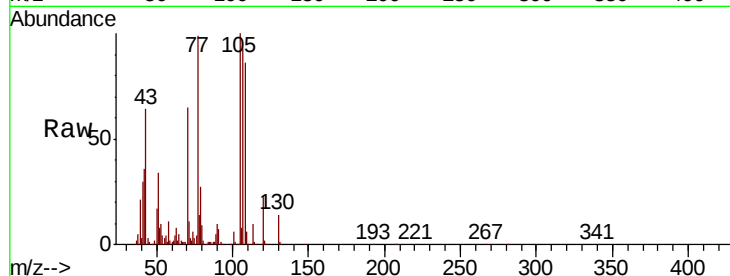




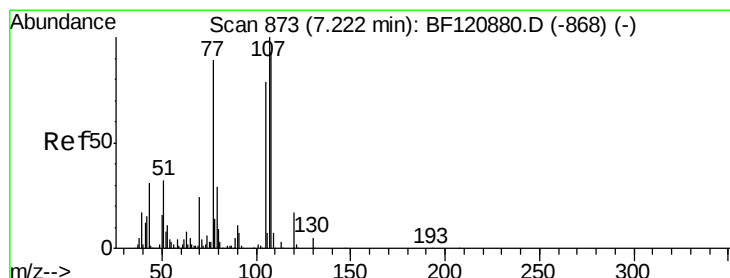
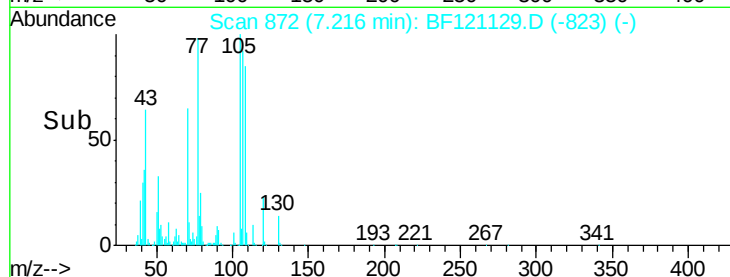
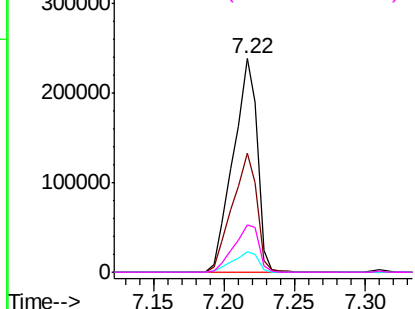
#19
n-Nitroso-di-n-propylamine
Concen: 43.937 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Instrument :
BNA_F
ClientSampleId :
OK-02-072820MSD

Tot Ion:	70	Resp:	282999
Ion	Ratio	Lower	Upper
70	100		
42	55.7	43.3	64.9
101	9.3	8.4	12.6
130	22.1	18.7	28.1

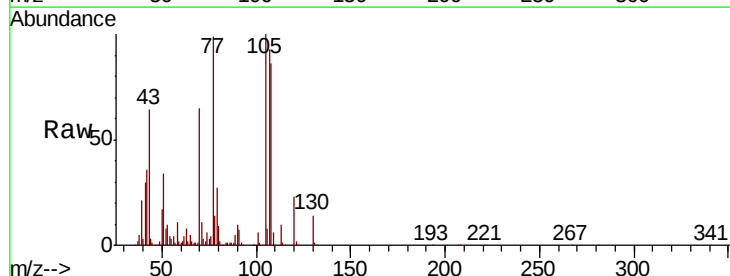


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

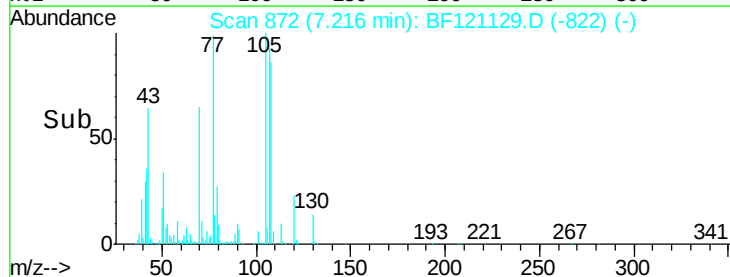
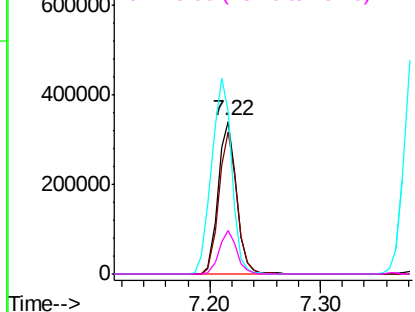


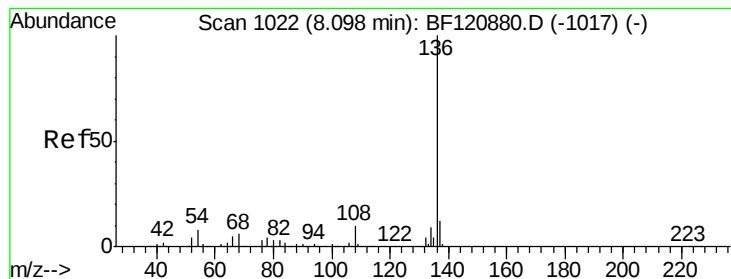
#20
3+4-Methylphenols
Concen: 36.346 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Tgt Ion:	107	Resp:	395869
Ion	Ratio	Lower	Upper
107	100		
108	93.0	73.7	113.7
77	106.8	84.9	124.9
79	28.7	10.7	50.7



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

Tot Ion:136 Resp: 563220

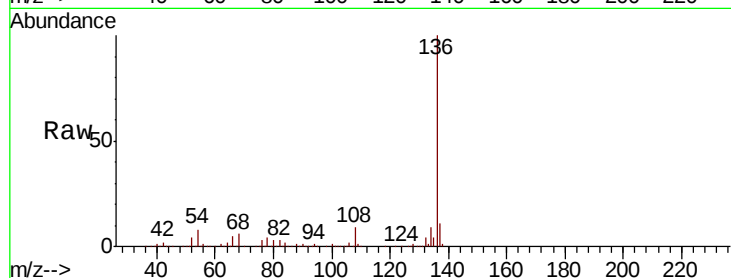
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.7 6.1 9.1

68 6.3 5.0 7.6

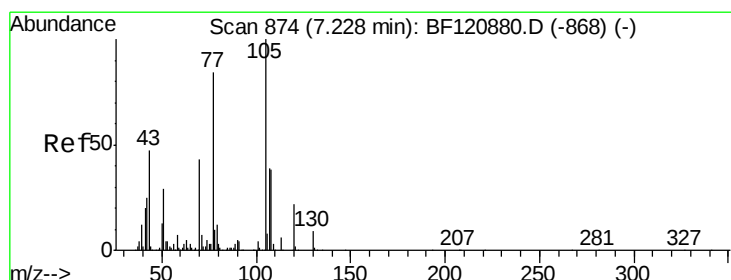
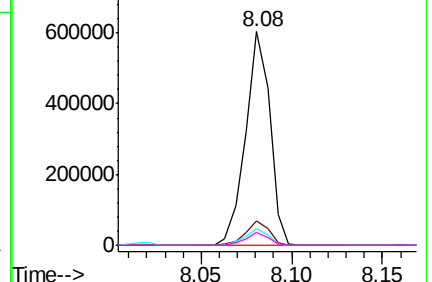
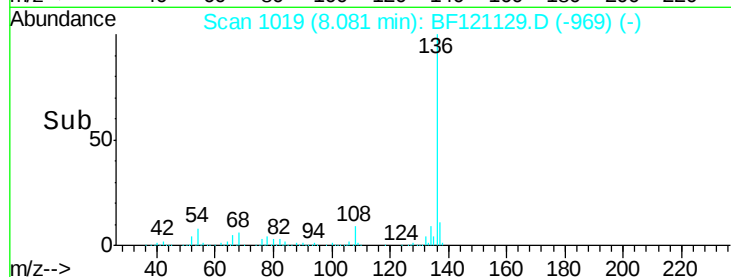


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.221 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Tgt Ion:105 Resp: 584247

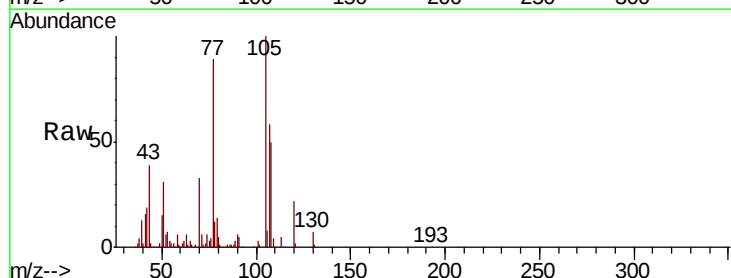
Ion Ratio Lower Upper

105 100

71 5.5 3.8 5.8

51 31.0 28.0 42.0

120 21.9 17.8 26.6

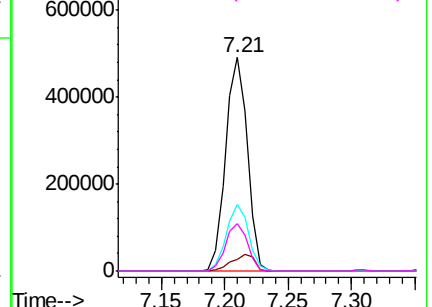
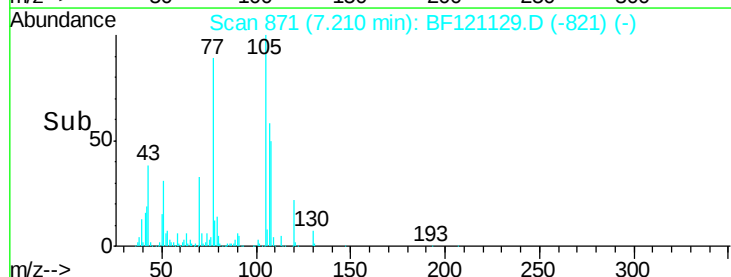


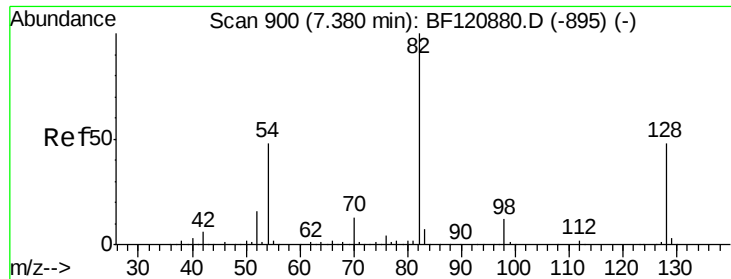
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

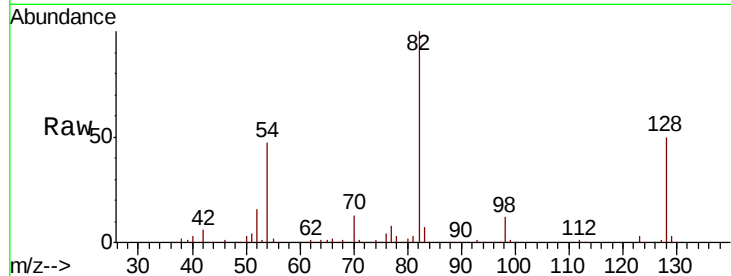




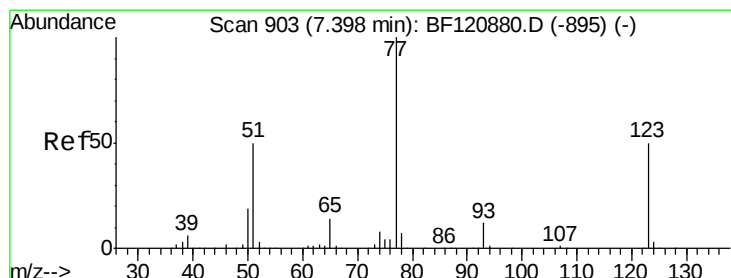
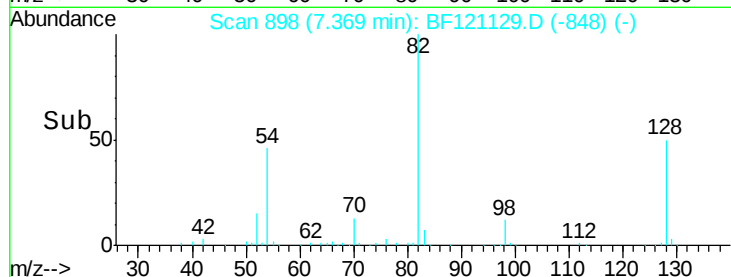
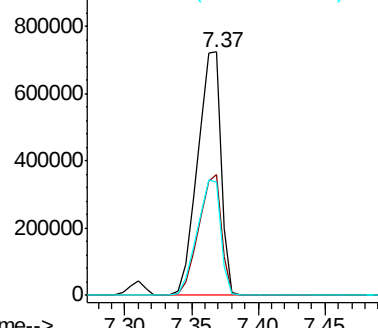
#23
 Nitrobenzene-d5
 Concen: 92.931 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820MSD

Tot Ion	82	Resp	904559
Ion Ratio	100	Lower	Upper
128	49.7	39.2	58.8
54	46.7	37.8	56.8

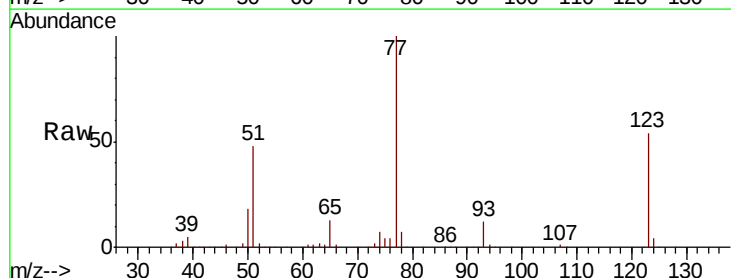


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

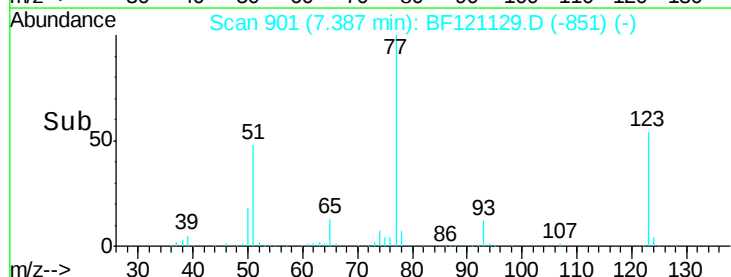
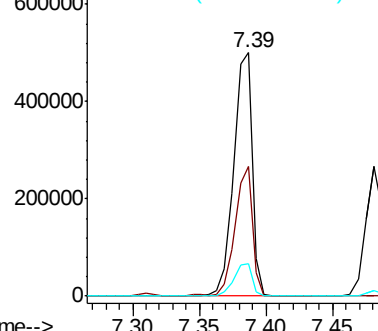


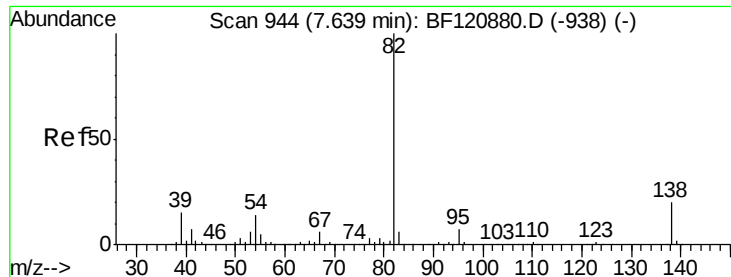
#24
 Nitrobenzene
 Concen: 45.311 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Tgt Ion	77	Resp	475357
Ion Ratio	100	Lower	Upper
123	53.5	41.0	61.6
65	13.2	10.3	15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.941 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

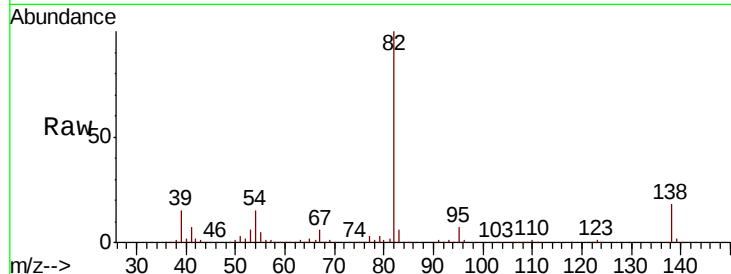
Tot Ion: 82 Resp: 873028

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.2 16.2 24.2



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

7.62

800000

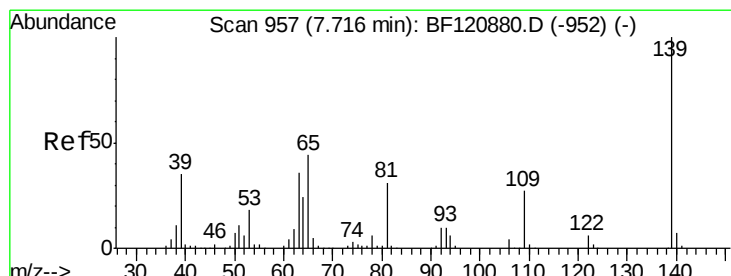
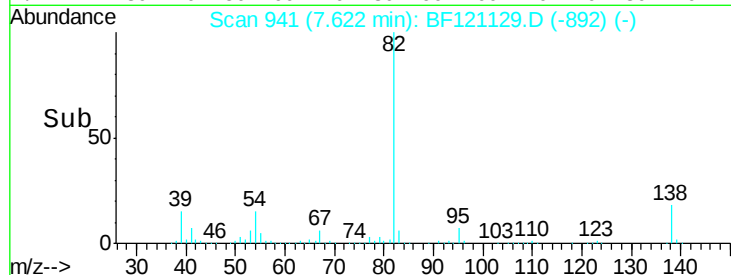
600000

400000

200000

0

Time--> 7.55 7.60 7.65



#26

2-Nitrophenol

Concen: 50.219 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

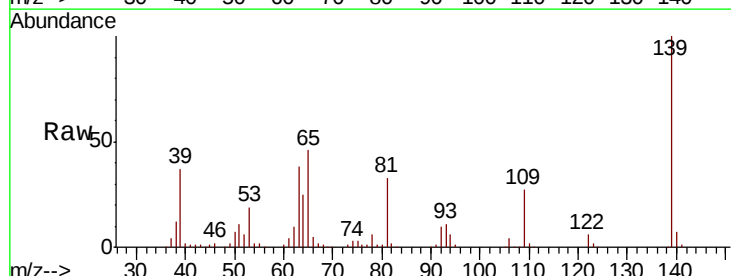
Tgt Ion: 139 Resp: 250217

Ion Ratio Lower Upper

139 100

109 27.2 21.7 32.5

65 46.1 36.3 54.5



Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

7.70

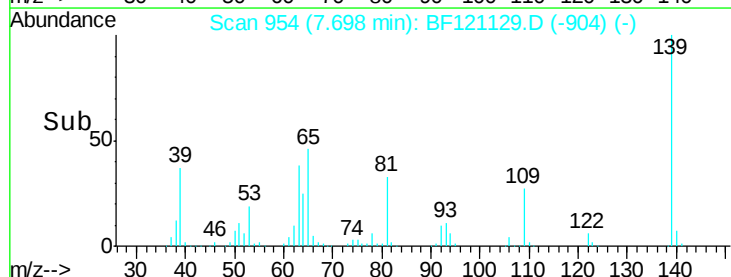
300000

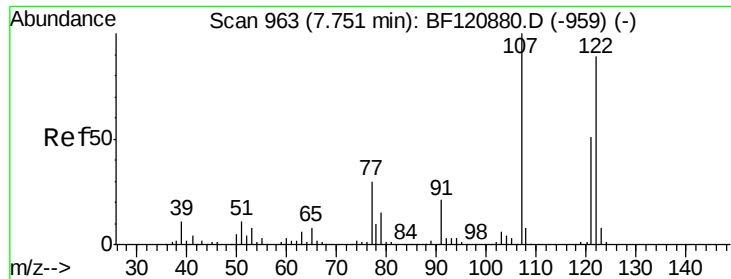
200000

100000

0

Time--> 7.65 7.70 7.75

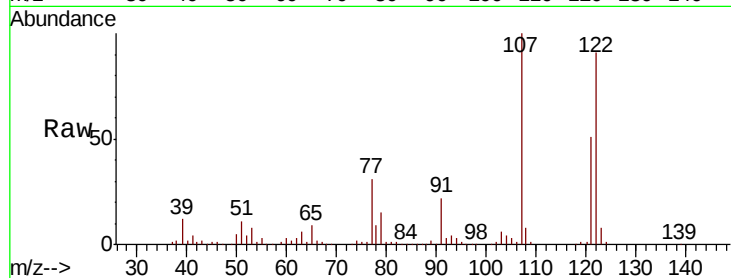




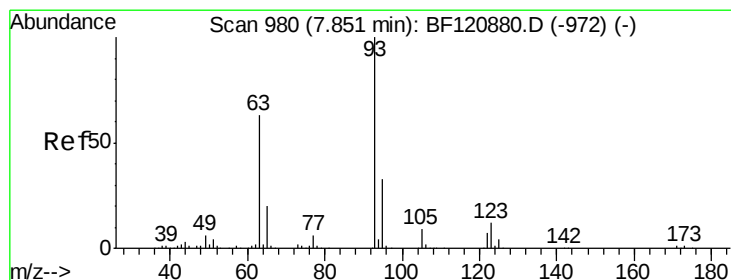
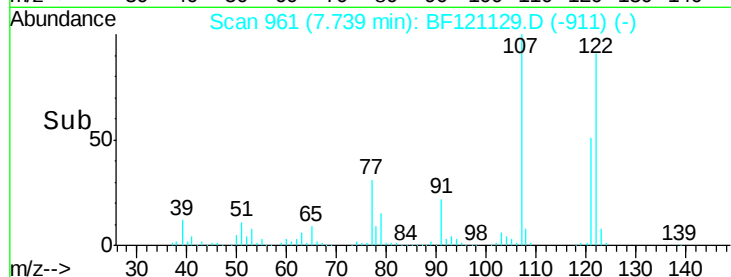
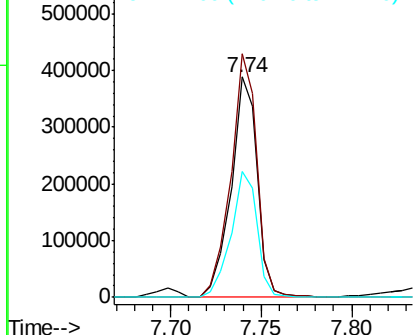
#27
2,4-Dimethylphenol
Concen: 48.127 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Instrument :
BNA_F
ClientSampleId :
OK-02-072820MSD

Tot Ion:122 Resp: 389333
Ion Ratio Lower Upper
122 100
107 110.4 87.1 130.7
121 56.8 45.5 68.3

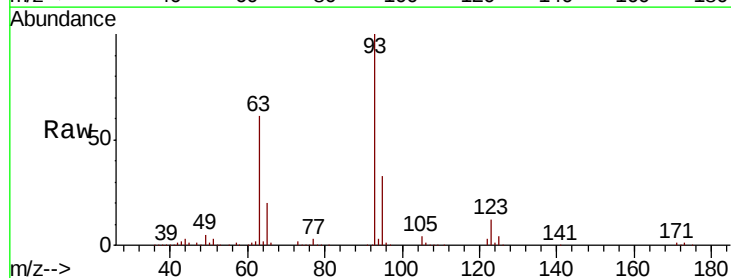


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

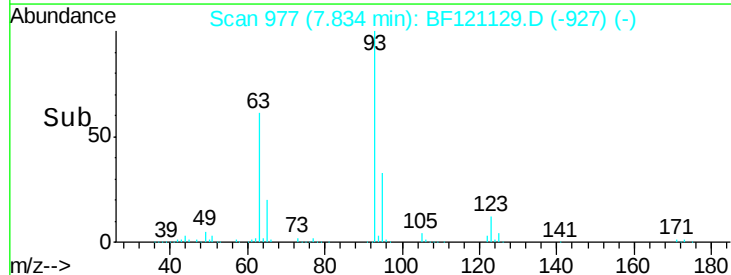
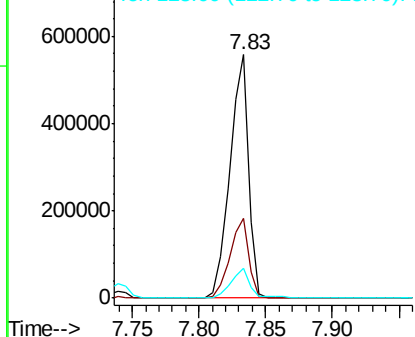


#28
bis(2-Chloroethoxy)methane
Concen: 46.478 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Tgt Ion: 93 Resp: 551141
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 12.0 9.5 14.3



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

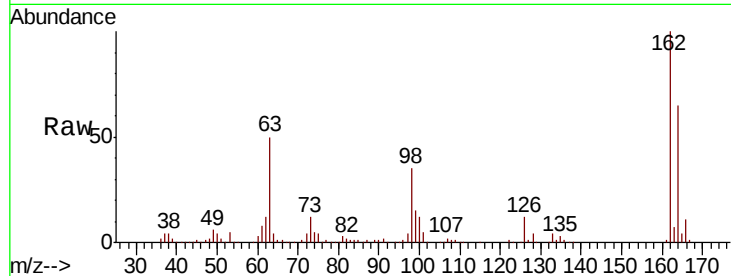




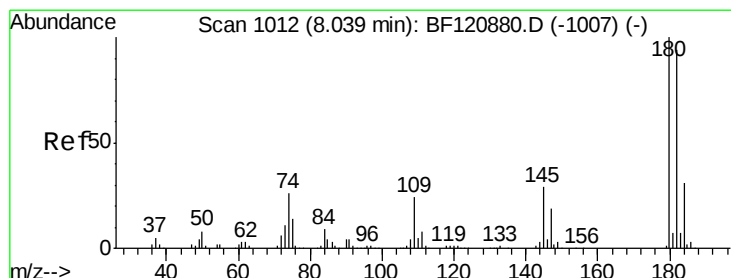
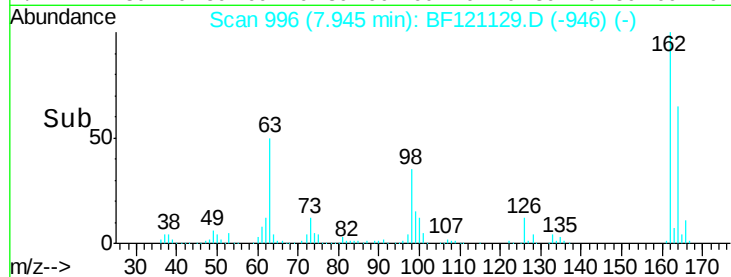
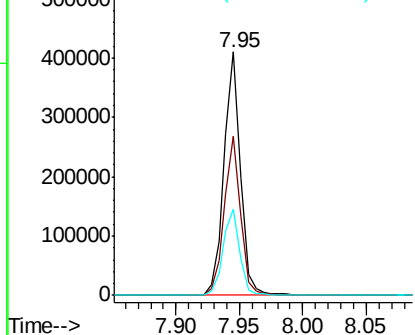
#29
 2,4-Dichlorophenol
 Concen: 45.142 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Instrument :
 BNA_F
 ClientSampleID :
 OK-02-072820MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.7	84.7
98	35.5	14.2	54.2

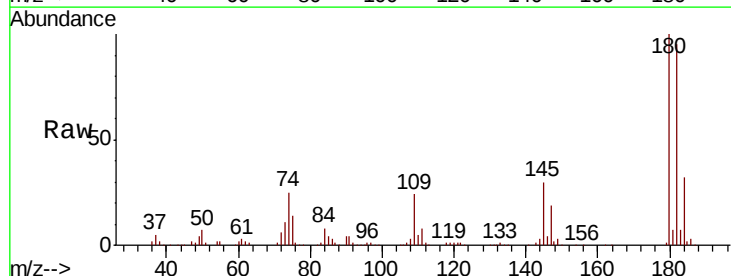


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

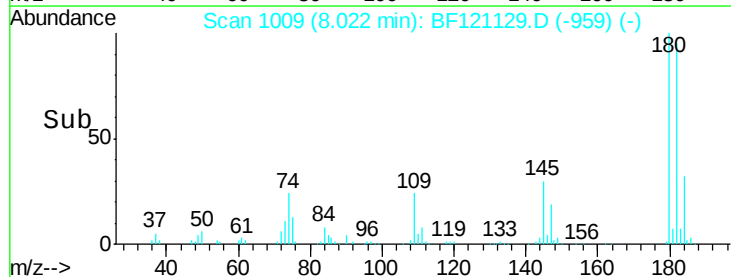
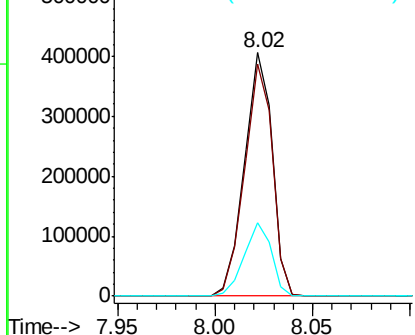


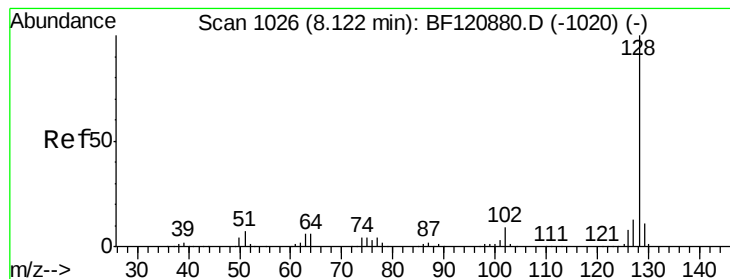
#30
 1,2,4-Trichlorobenzene
 Concen: 43.554 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.4	114.6
145	30.4	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.443 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

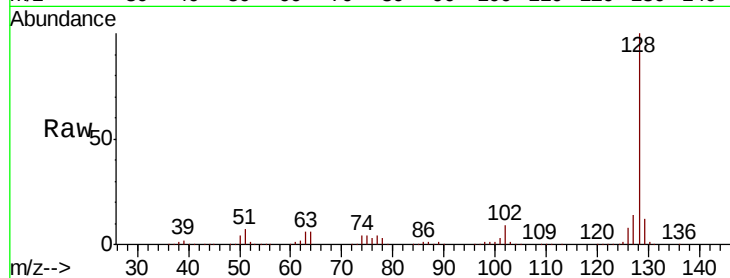
Tot Ion:128 Resp: 1255085

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

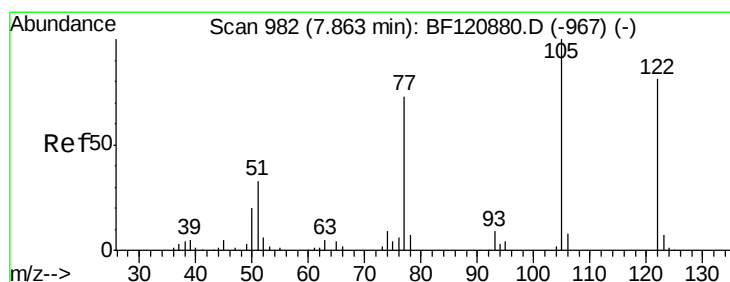
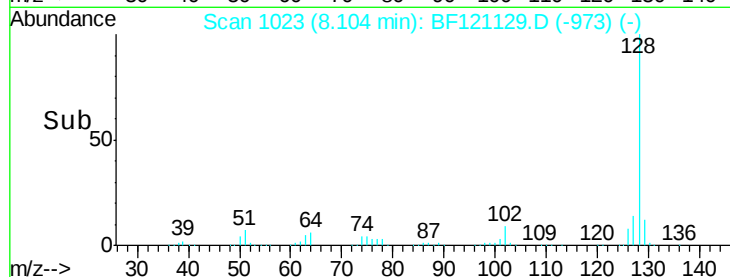
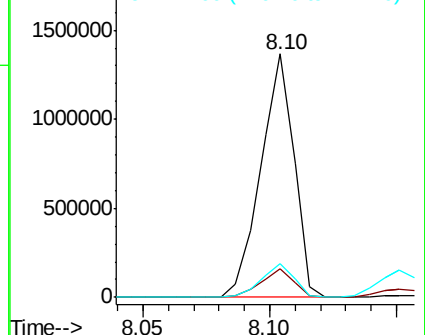
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.391 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

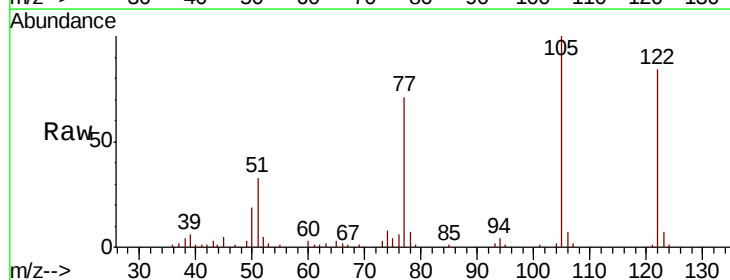
Tgt Ion:122 Resp: 93461

Ion Ratio Lower Upper

122 100

105 119.2 100.9 140.9

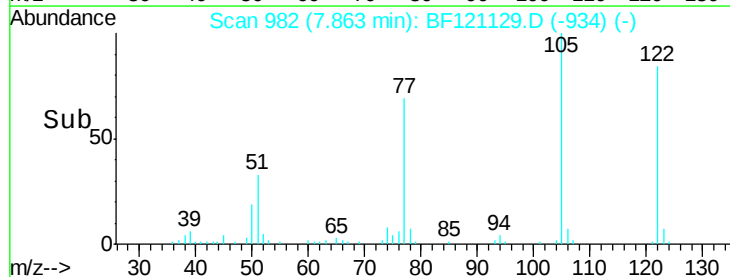
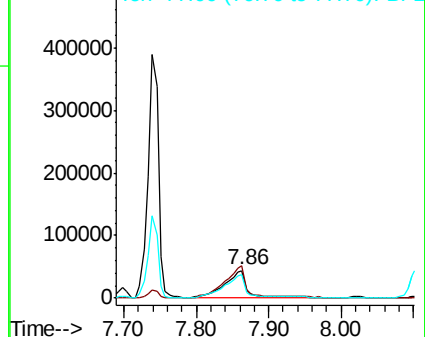
77 84.0 67.8 107.8

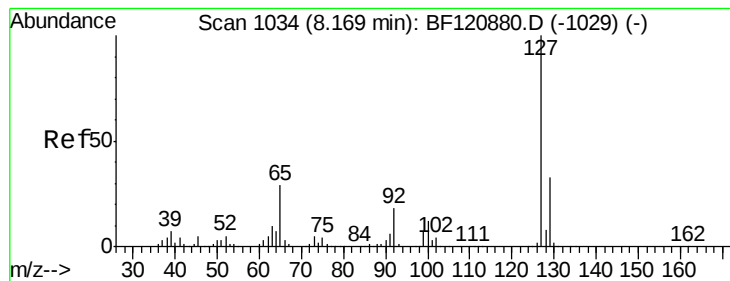


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 17.627 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

Tot Ion:127 Resp: 227175

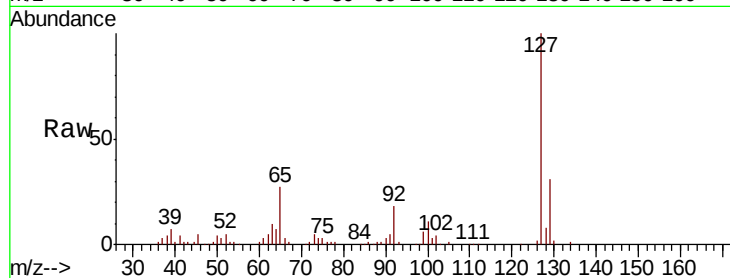
Ion Ratio Lower Upper

127 100

129 31.2 26.2 39.2

65 27.5 21.4 32.0

92 17.7 13.8 20.8

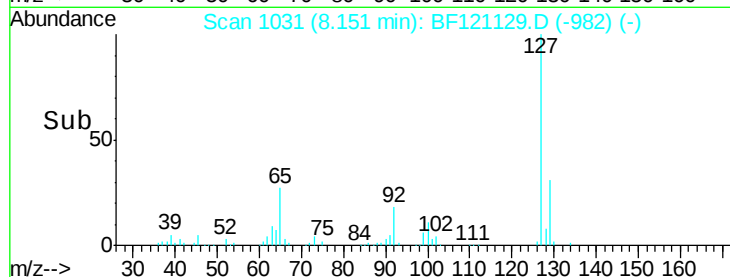


Abundance Ion 127.00 (126.70 to 127.70): E

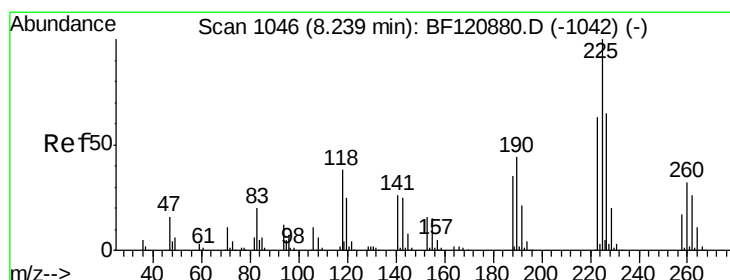
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 42.048 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

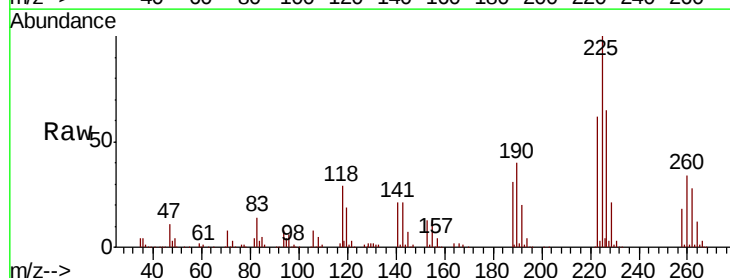
Tgt Ion:225 Resp: 227333

Ion Ratio Lower Upper

225 100

223 61.9 49.7 74.5

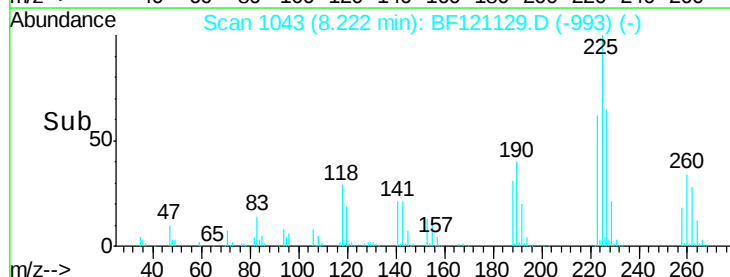
227 64.8 51.4 77.0



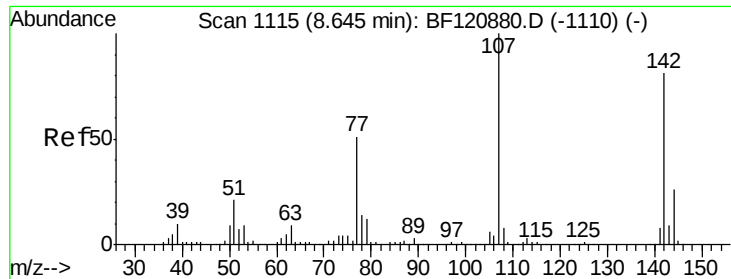
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



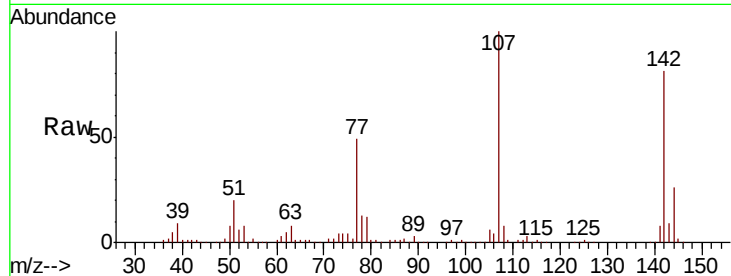
Time-->



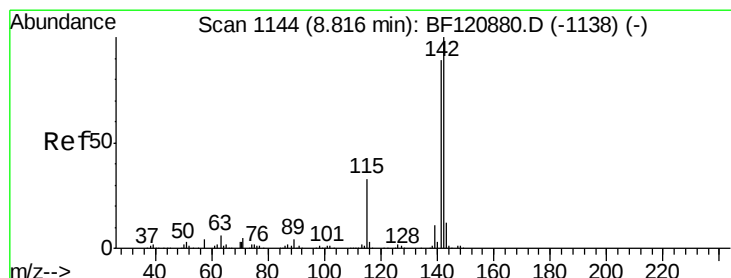
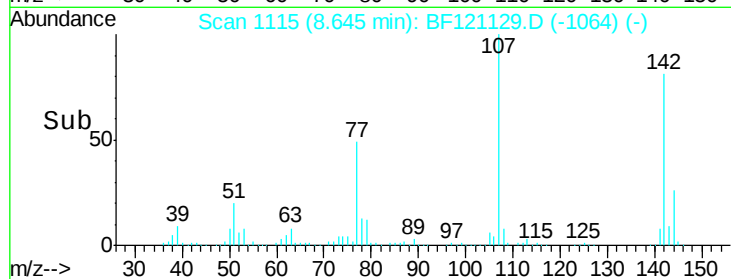
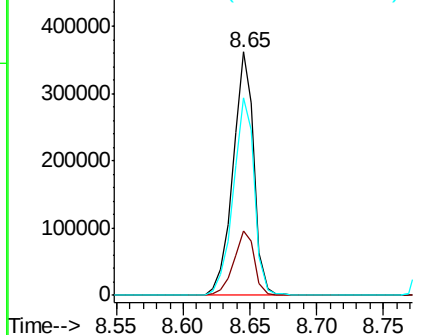
#36
 4-Chloro-3-methylphenol
 Concen: 47.008 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820MSD

Tot Ion:	107	Resp:	398535
Ion Ratio	Lower	Upper	
107	100		
144	26.4	20.9	31.3
142	81.1	64.5	96.7

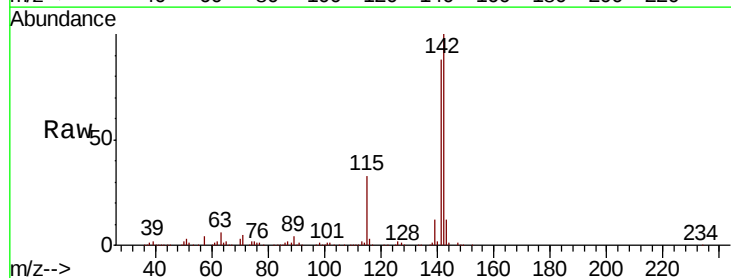


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

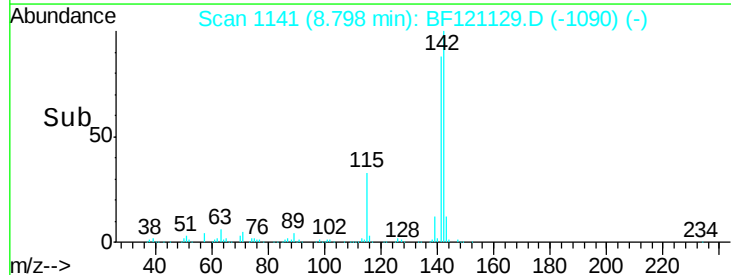
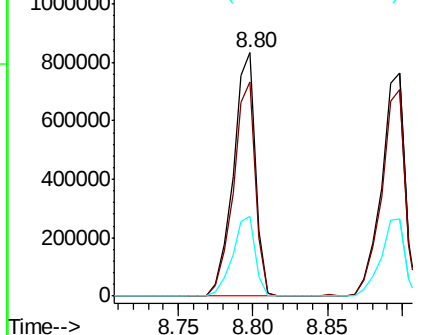


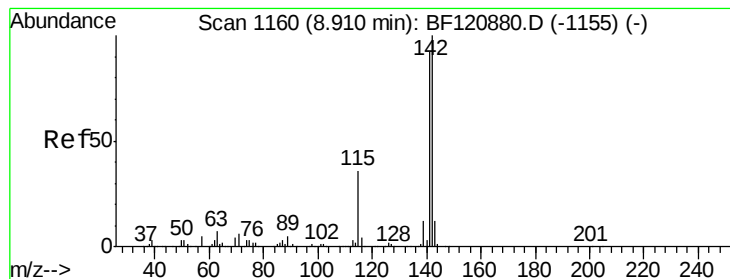
#37
 2-Methylnaphthalene
 Concen: 46.374 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Tgt Ion:	142	Resp:	869919
Ion Ratio	Lower	Upper	
142	100		
141	87.8	70.6	105.8
115	32.7	27.1	40.7



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: 45.764 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

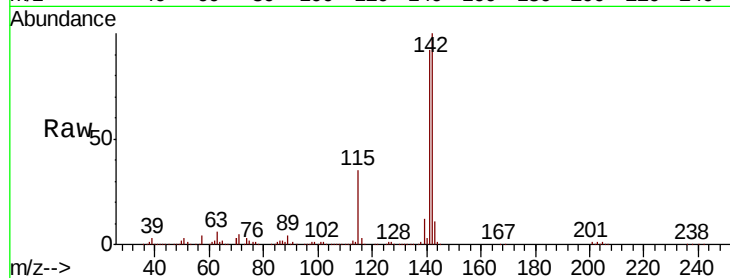
Tot Ion:142 Resp: 813061

Ion Ratio Lower Upper

142 100

141 92.4 73.0 109.6

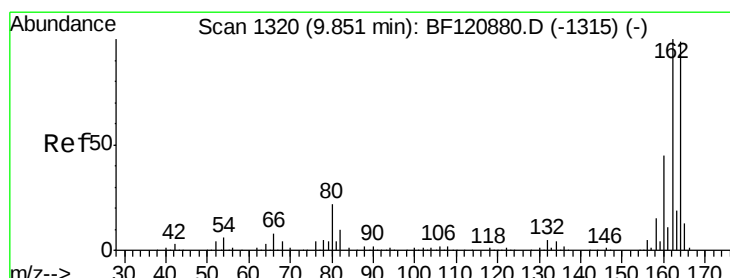
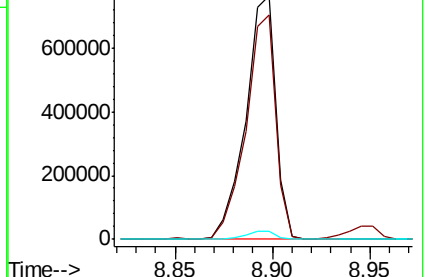
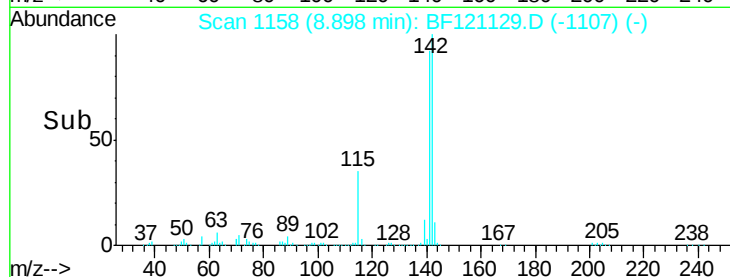
116 3.4 3.0 4.6



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: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

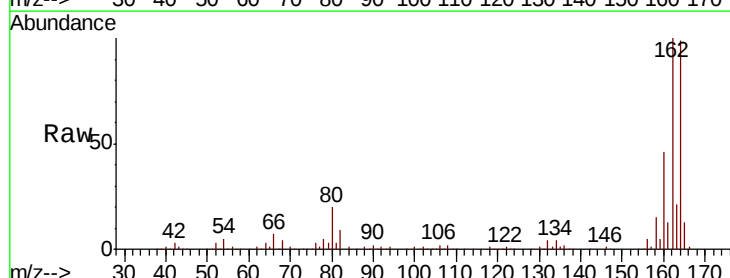
Tgt Ion:164 Resp: 296238

Ion Ratio Lower Upper

164 100

162 100.5 82.2 123.2

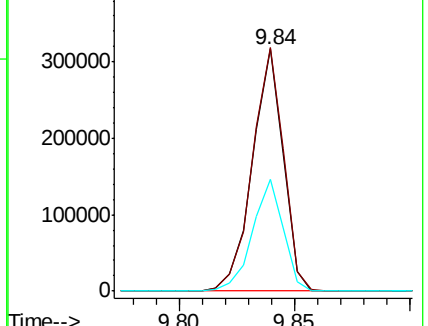
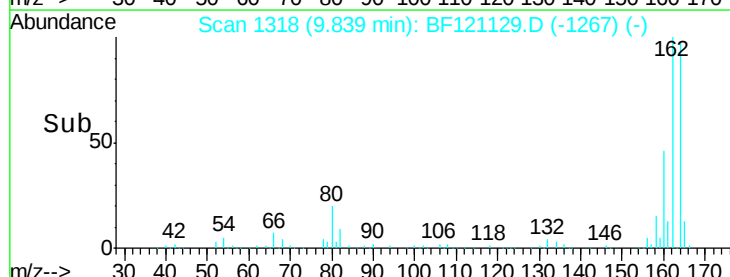
160 46.2 37.2 55.8

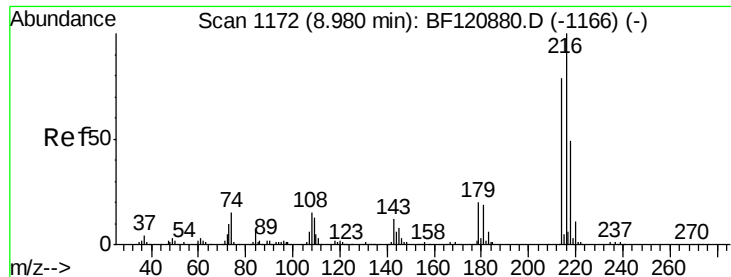


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

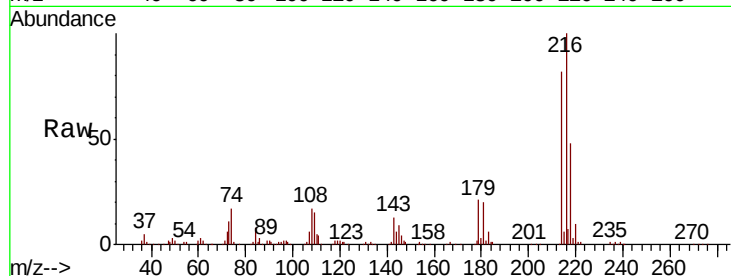




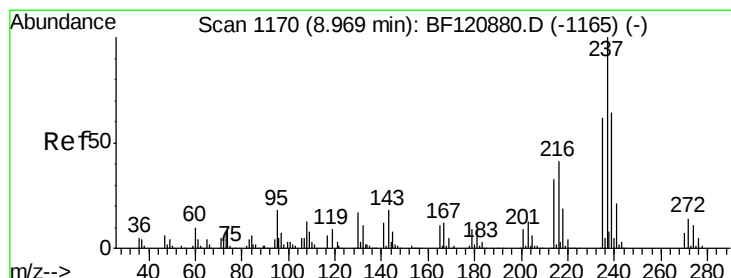
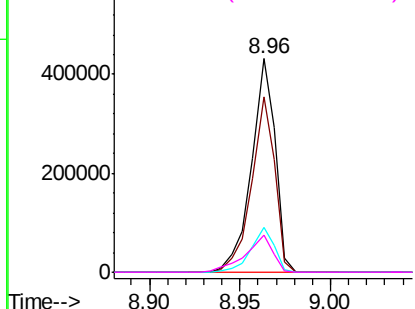
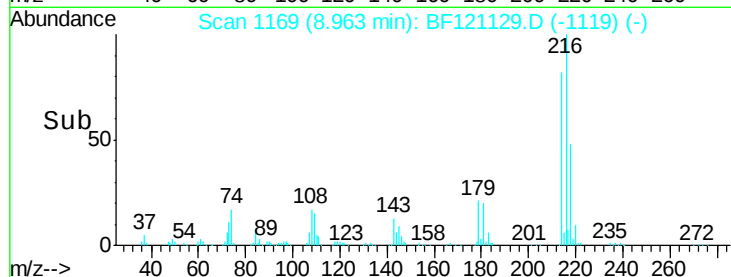
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.574 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820MSD

Tot Ion:	216	Resp:	393357
Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.9	95.9
179	20.5	16.6	24.8
108	19.9	15.0	22.4

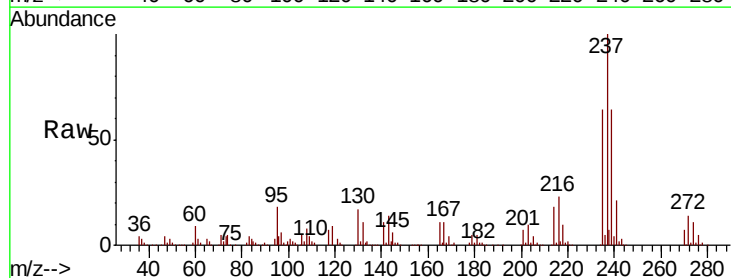


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

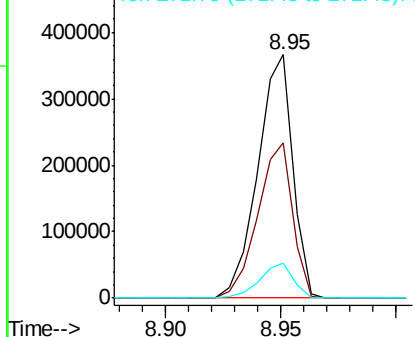
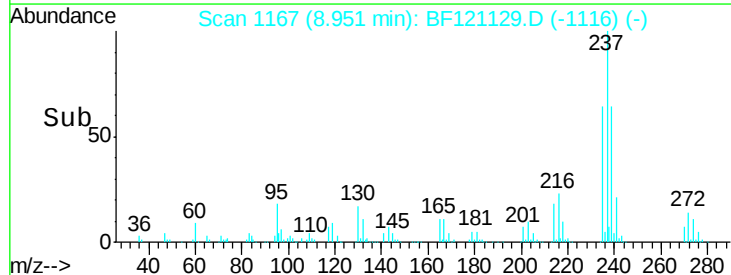


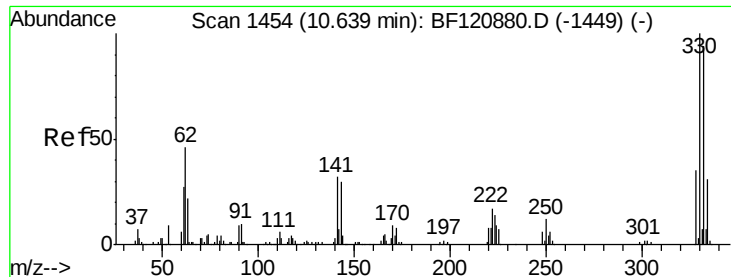
#41
 Hexachlorocyclopentadiene
 Concen: 80.931 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Tgt Ion:	237	Resp:	386062
Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.2	83.2
272	14.4	0.0	33.6



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: 135.820 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

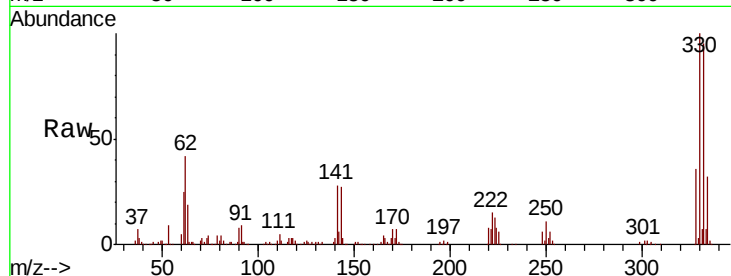
Tot Ion:330 Resp: 440411

Ion Ratio Lower Upper

330 100

332 96.5 76.1 114.1

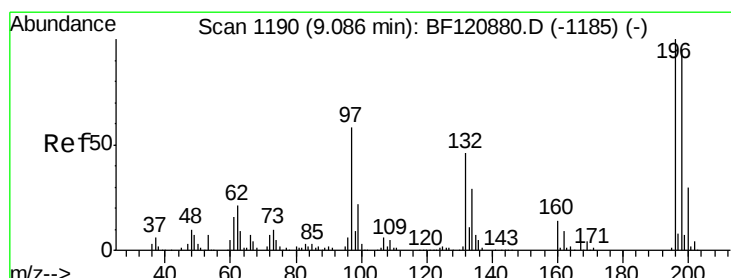
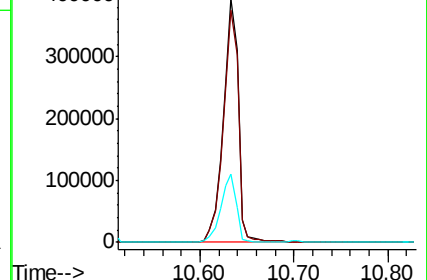
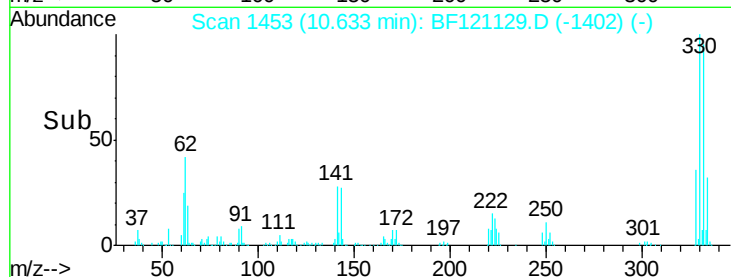
141 29.0 24.1 36.1



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: 45.843 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

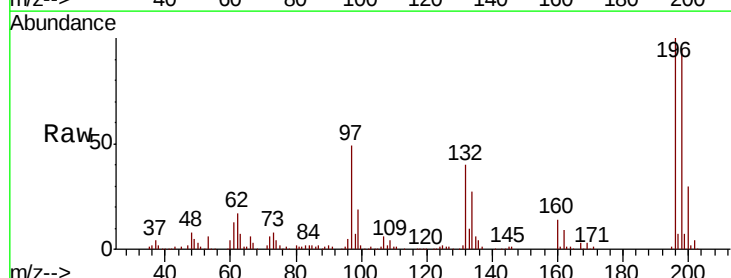
Tgt Ion:196 Resp: 278594

Ion Ratio Lower Upper

196 100

198 95.1 77.5 116.3

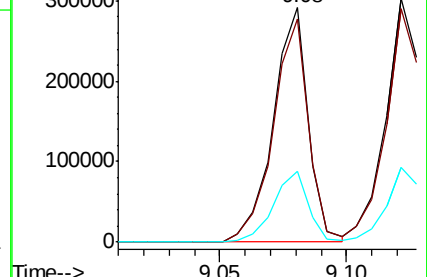
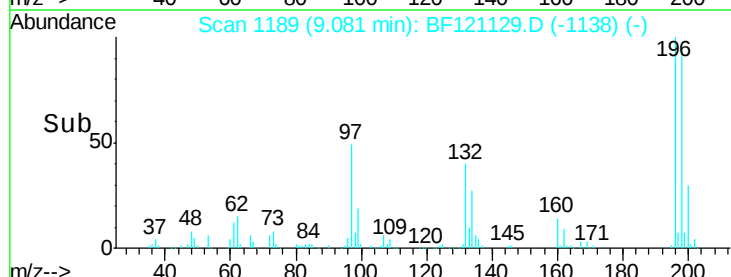
200 30.3 24.6 37.0

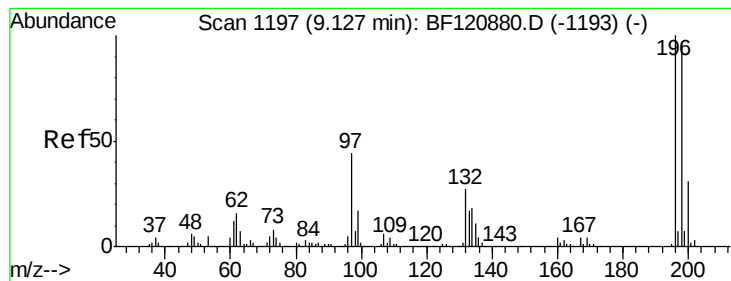


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

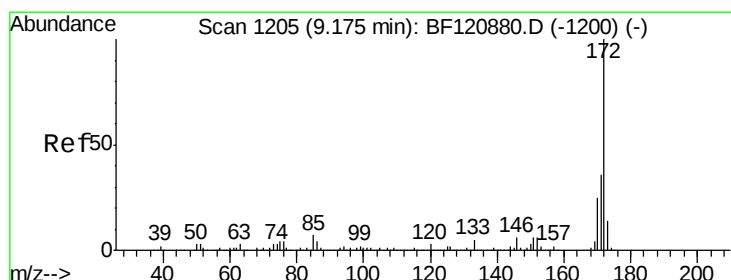
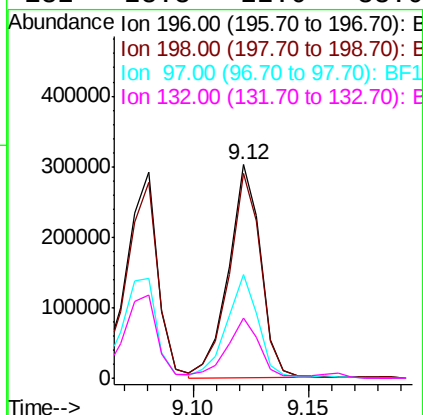
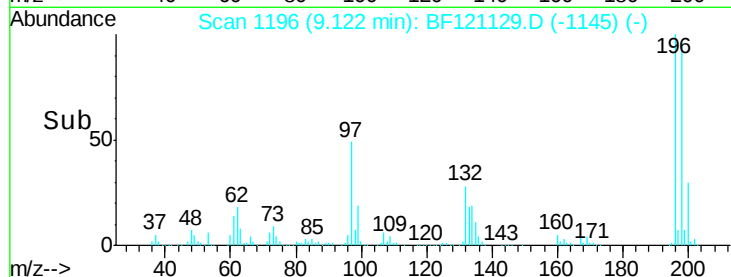
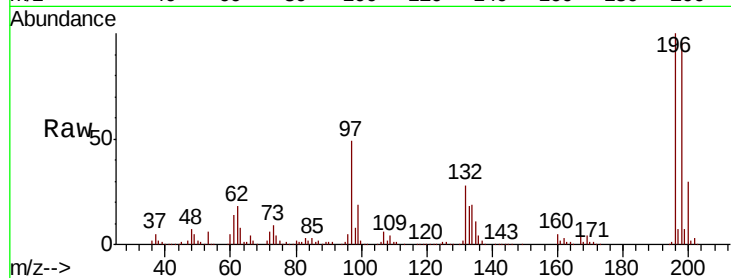




#44
 2,4,5-Trichlorophenol
 Concen: 42.519 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

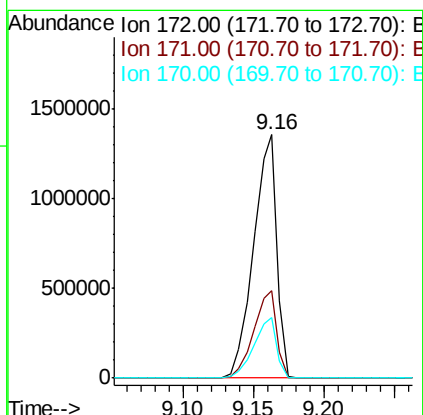
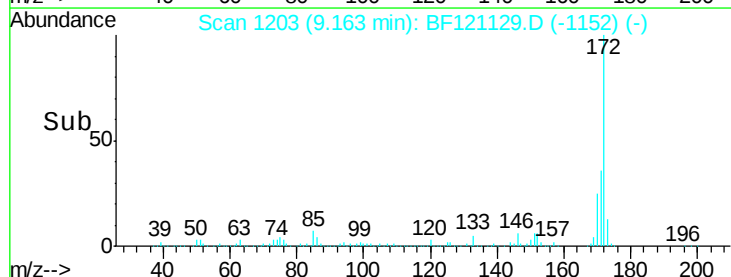
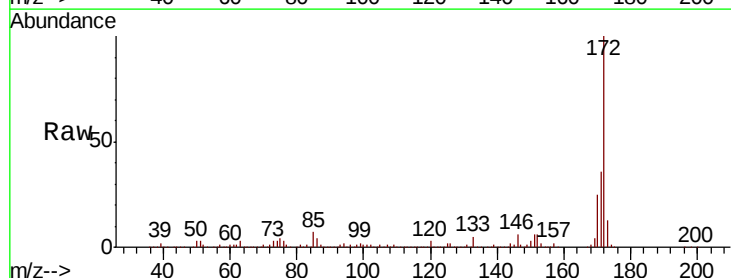
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820MSD

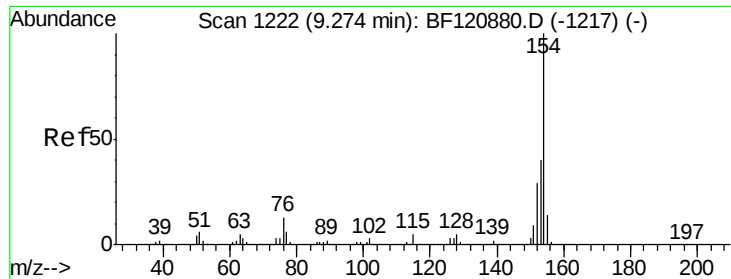
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.4
97	48.7	37.3	55.9
132	28.3	22.0	33.0



#45
 2-Fluorobiphenyl
 Concen: 78.934 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.7	19.6	29.4

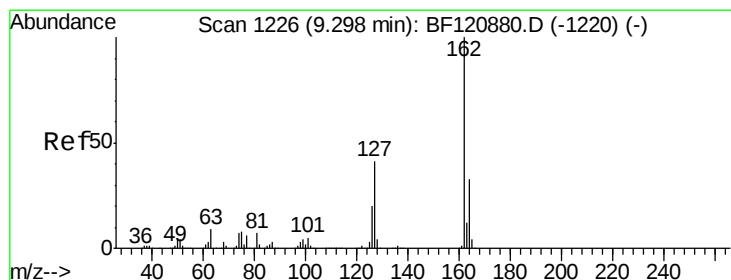
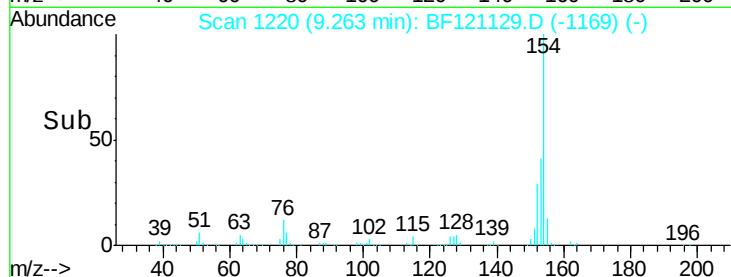
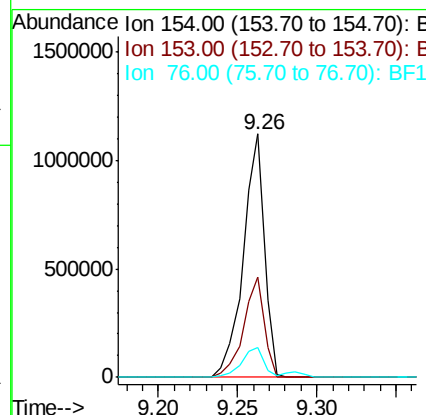
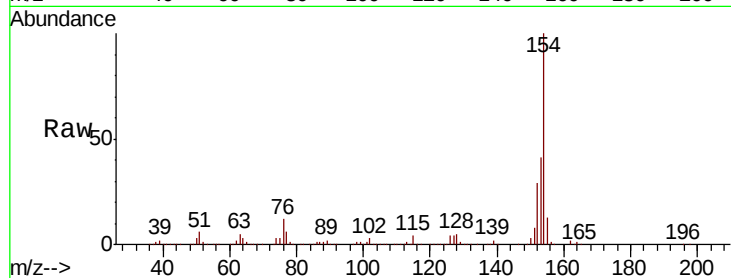




#46
 1,1'-Biphenyl
 Concen: 45.588 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

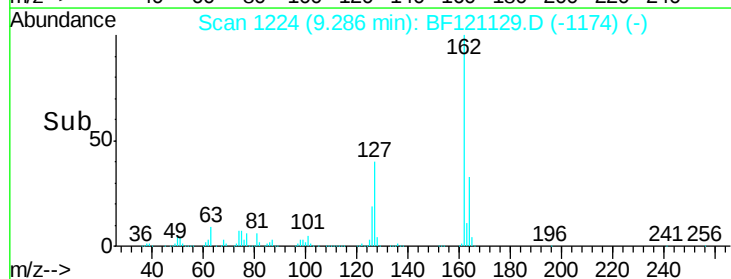
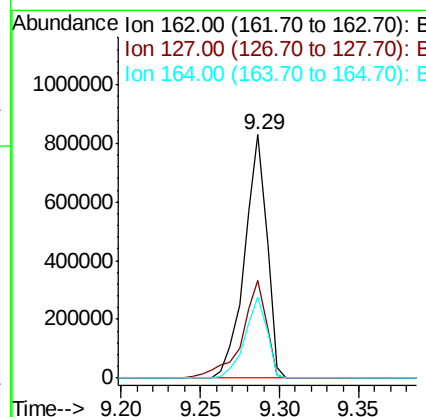
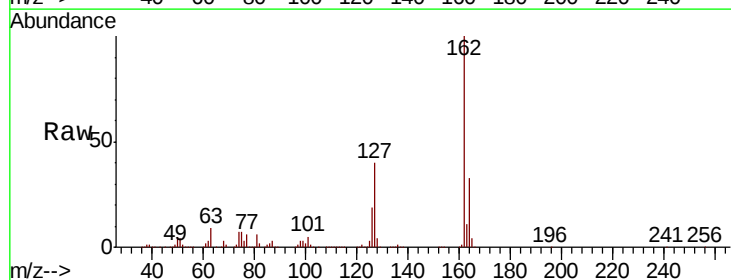
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820MSD

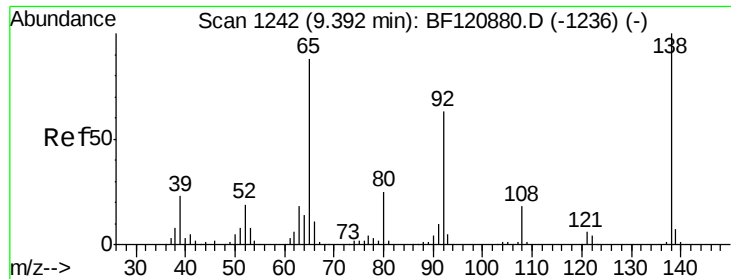
Tot Ion:154 Resp: 1030151
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.6 60.6
 76 12.1 0.0 33.4



#47
 2-Chloronaphthalene
 Concen: 43.445 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Tgt Ion:162 Resp: 800404
 Ion Ratio Lower Upper
 162 100
 127 40.2 31.1 46.7
 164 33.5 26.6 40.0

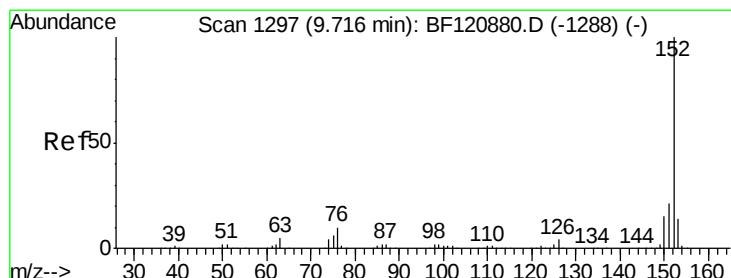
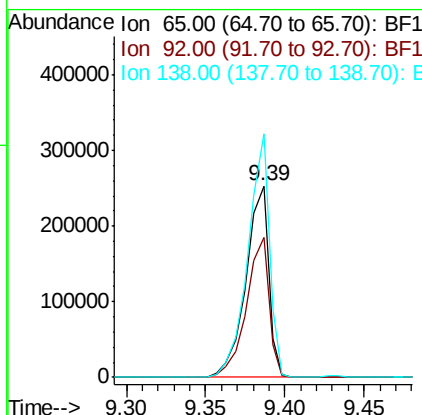
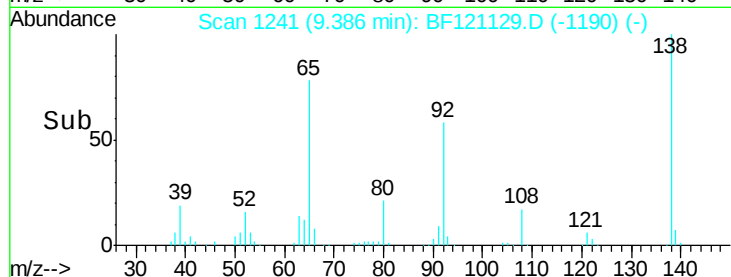
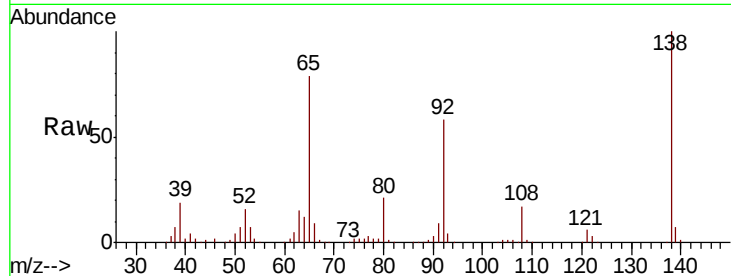




#48
2-Nitroaniline
Concen: 45.576 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

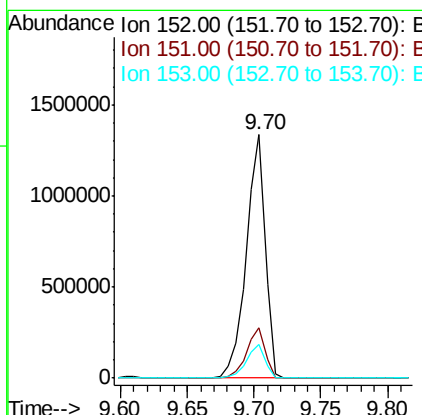
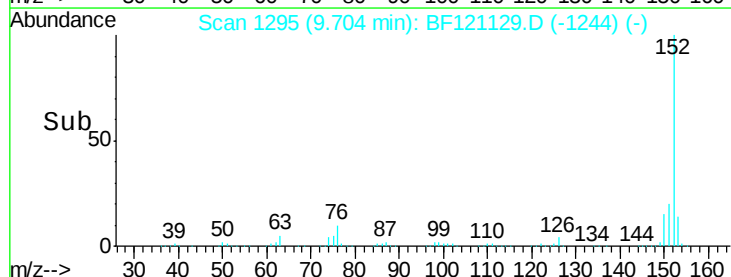
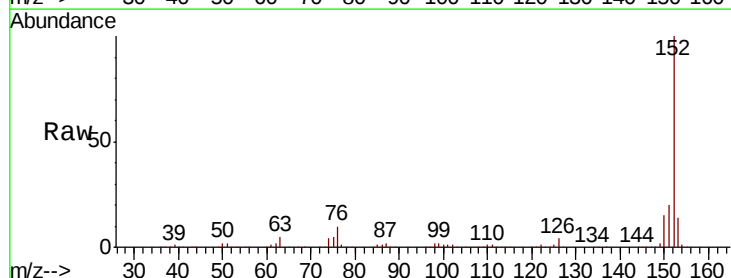
Instrument :
BNA_F
ClientSampleId :
OK-02-072820MSD

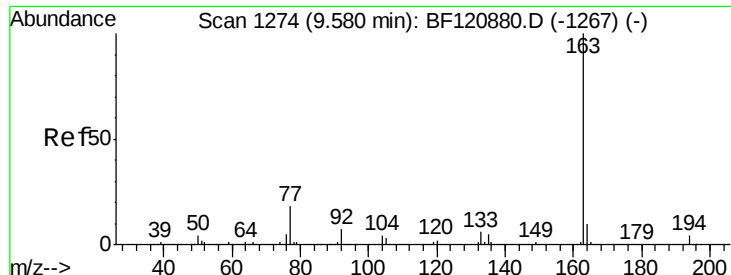
Tot Ion: 65 Resp: 253754
Ion Ratio Lower Upper
65 100
92 73.2 58.0 87.0
138 127.2 93.3 139.9



#49
Acenaphthylene
Concen: 45.240 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Tgt Ion: 152 Resp: 1294820
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0
153 13.7 11.0 16.4





#50

Dimethylphthalate

Concen: 47.659 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

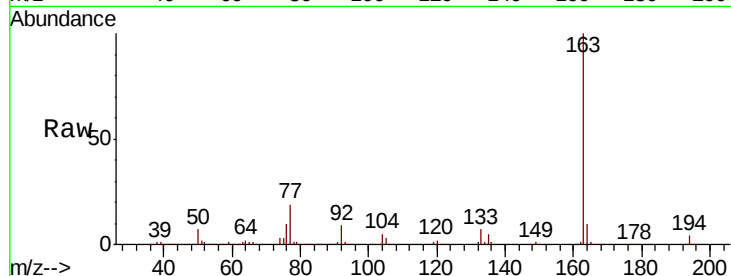
Tot Ion:163 Resp: 1018557

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

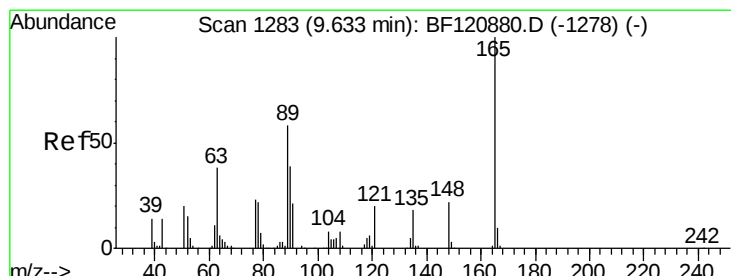
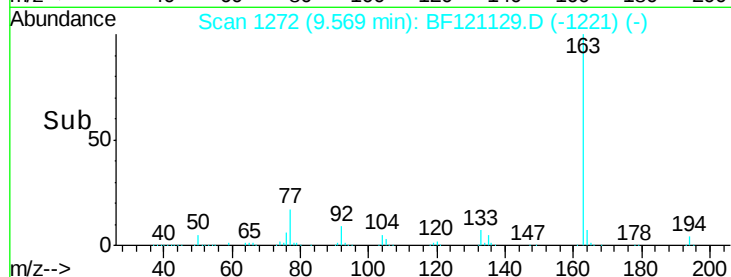
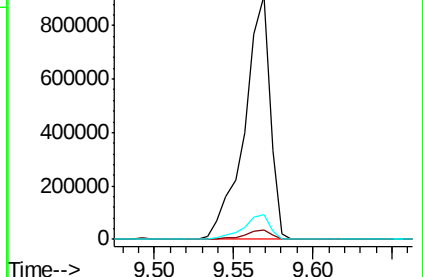
164 10.4 8.4 12.6



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: 48.895 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

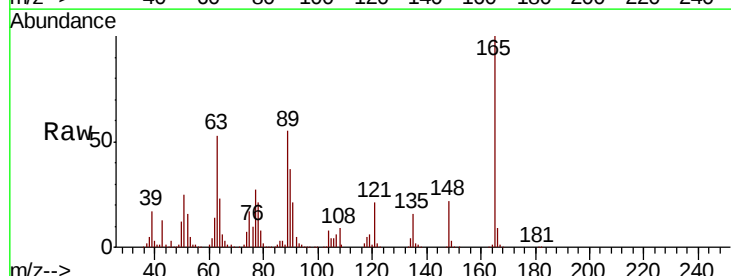
Tgt Ion:165 Resp: 224500

Ion Ratio Lower Upper

165 100

63 52.6 41.1 61.7

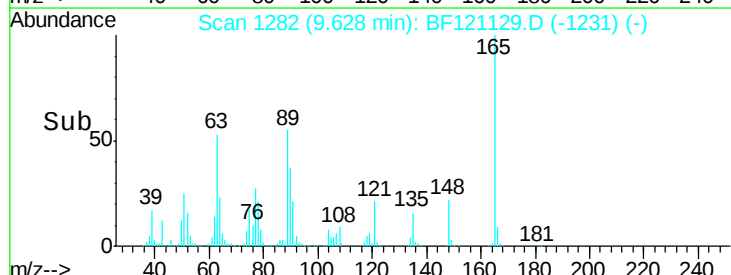
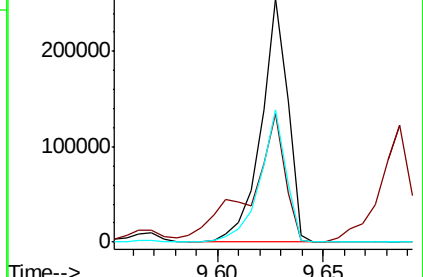
89 54.6 43.5 65.3

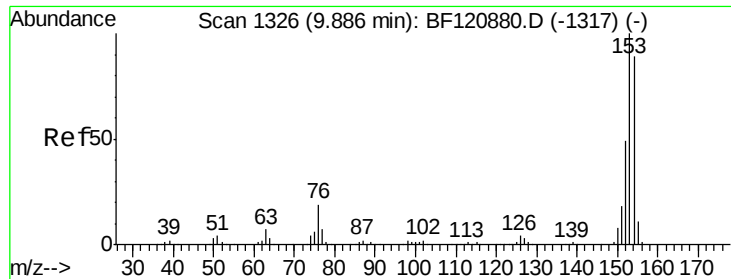


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 41.504 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

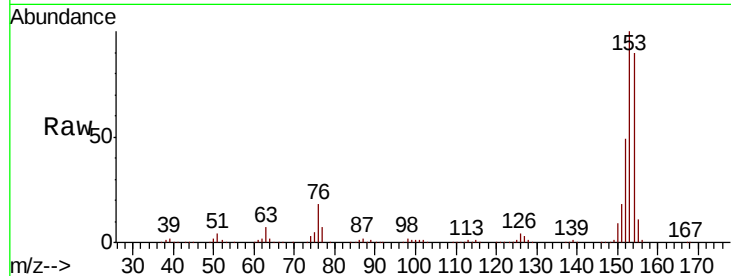
Tot Ion:154 Resp: 755229

Ion Ratio Lower Upper

154 100

153 111.1 89.6 134.4

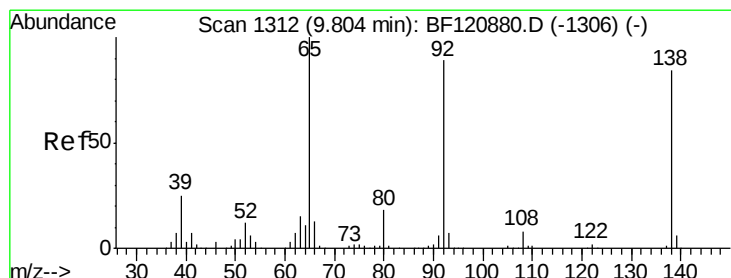
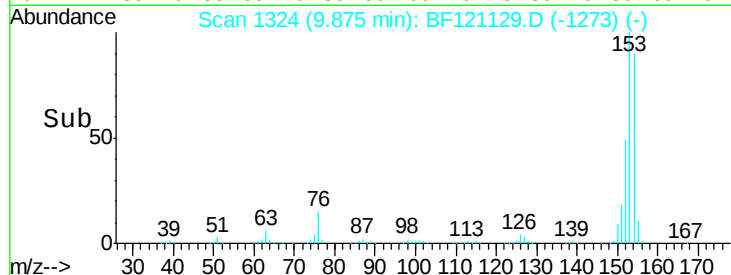
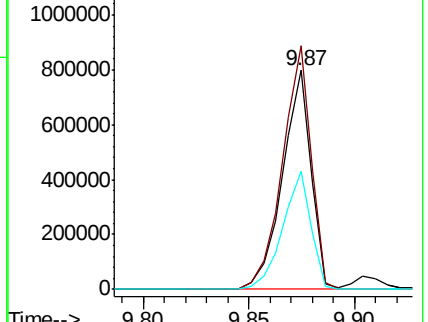
152 54.2 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 25.466 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

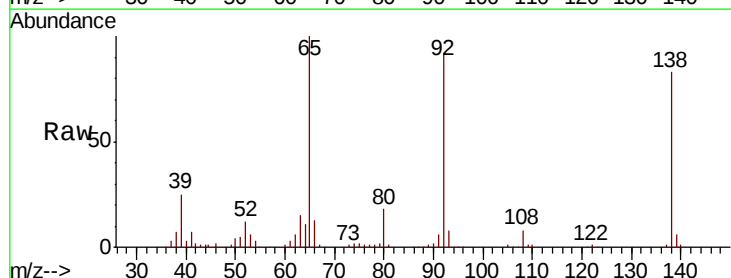
Tgt Ion:138 Resp: 146646

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.8

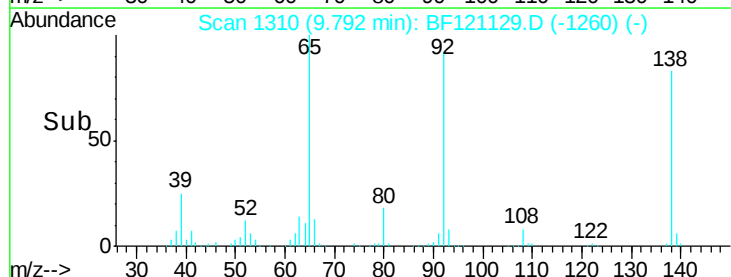
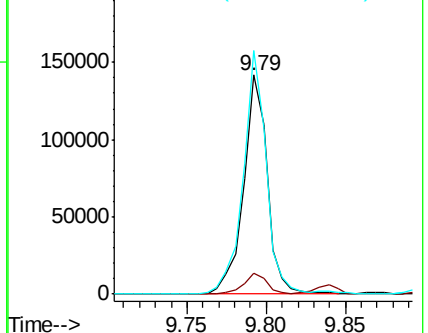
92 111.2 85.0 127.4

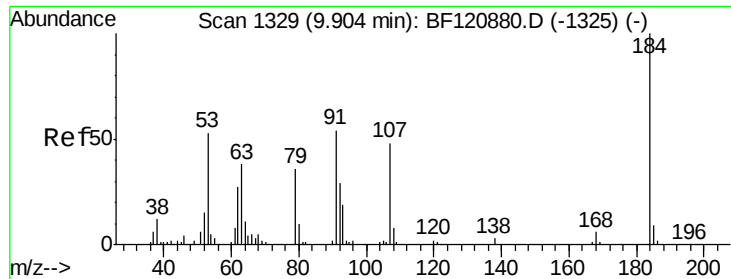


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

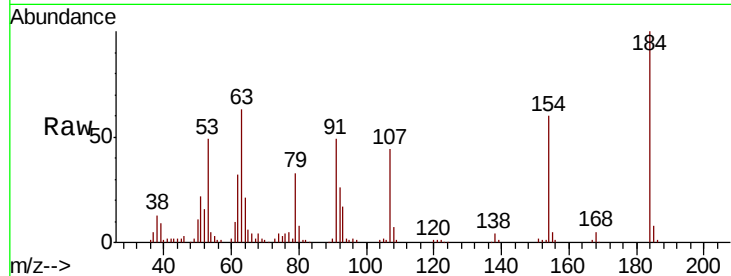




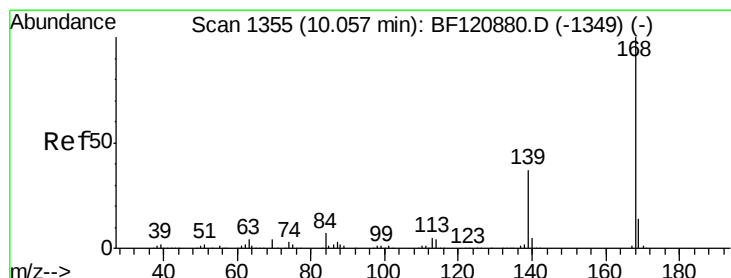
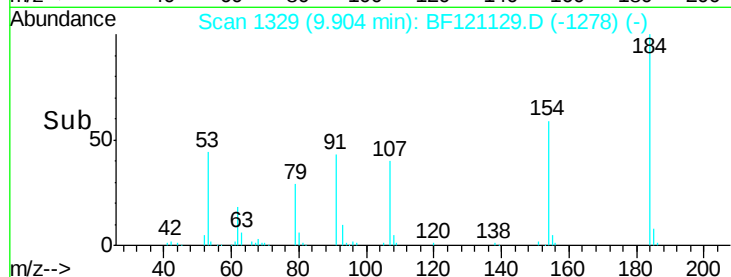
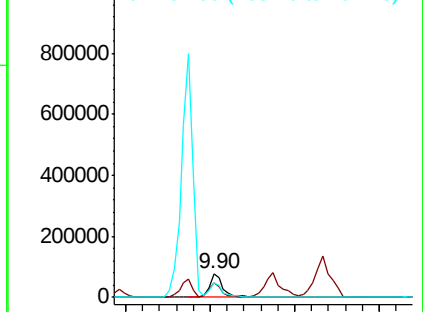
#54
 2,4-Dinitrophenol
 Concen: 38.724 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820MSD

Tot Ion:184 Resp: 92154
 Ion Ratio Lower Upper
 184 100
 63 63.2 42.5 63.7
 154 59.6 46.8 70.2

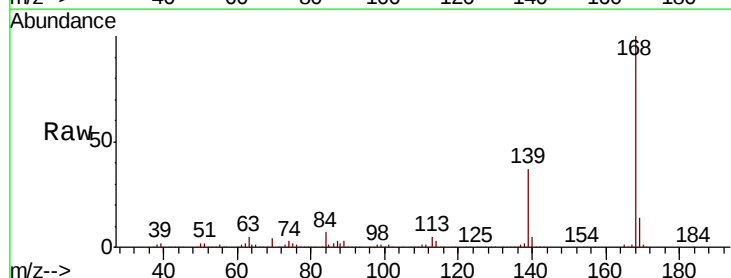


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

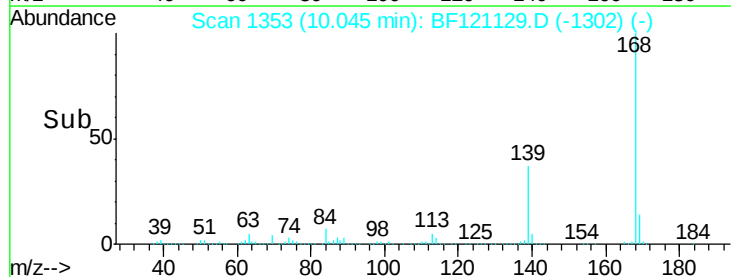
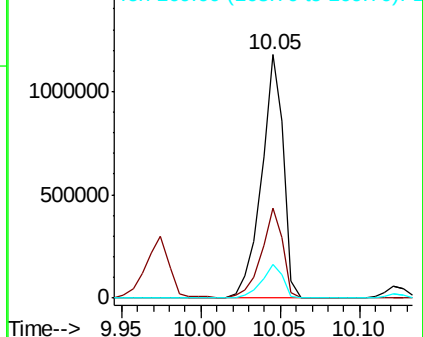


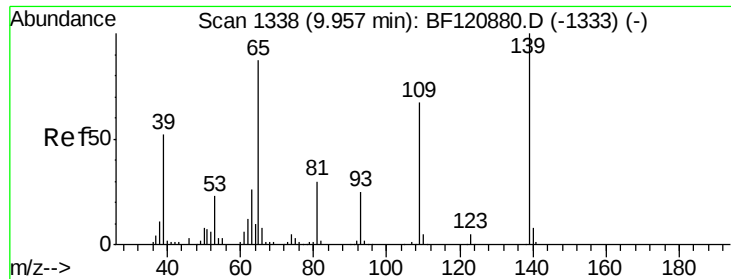
#55
 Dibenzofuran
 Concen: 43.197 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Tgt Ion:168 Resp: 1136683
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.1 45.1
 169 13.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

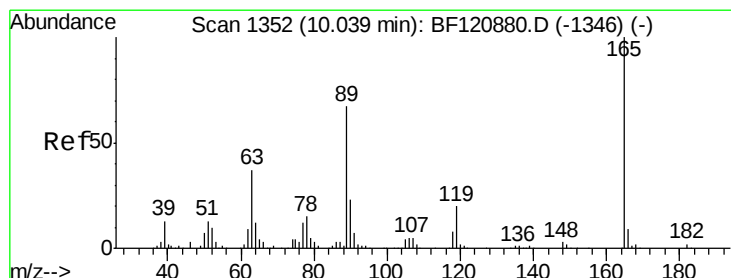
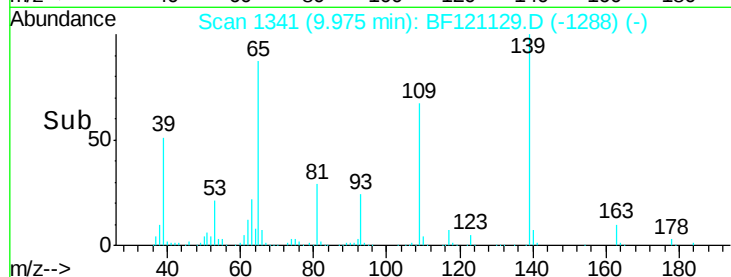
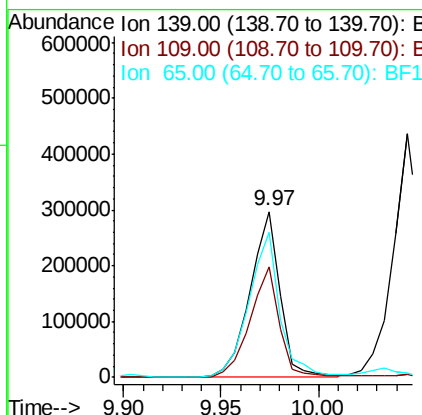
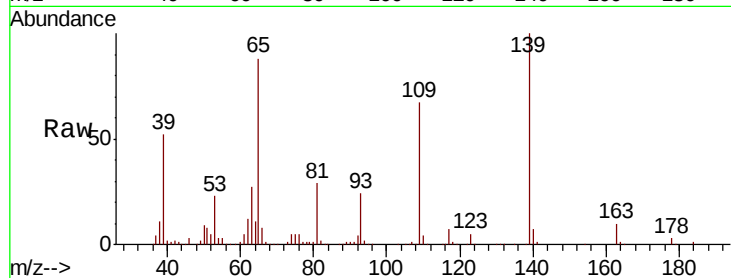




#56
4-Nitrophenol
Concen: 72.313 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

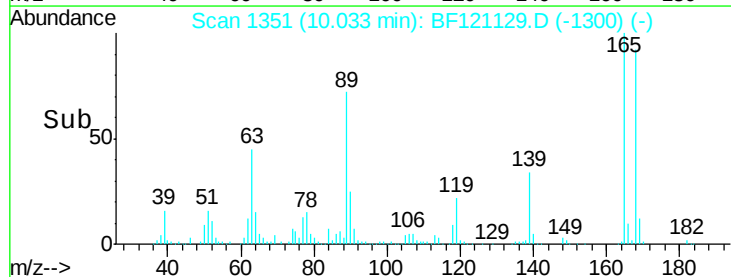
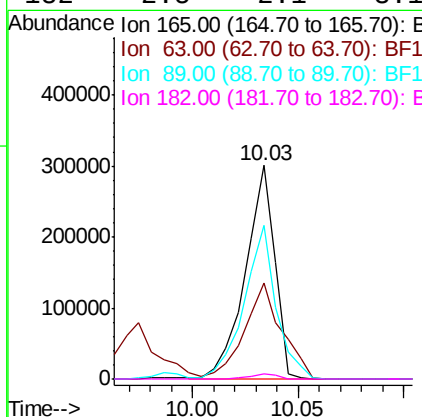
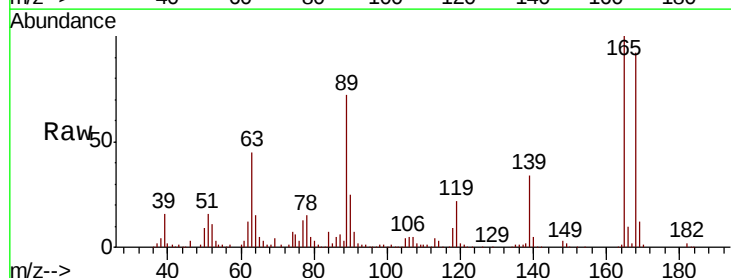
Instrument :
BNA_F
ClientSampleId :
OK-02-072820MSD

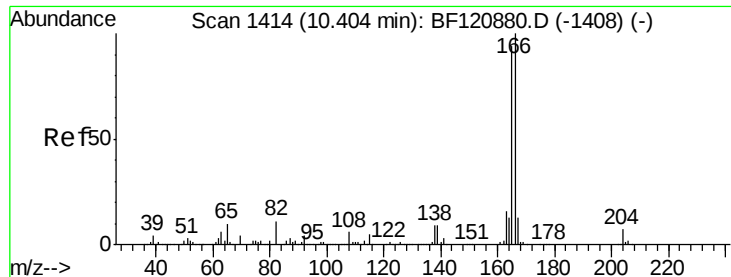
Tot Ion:139 Resp: 316323
Ion Ratio Lower Upper
139 100
109 66.6 44.8 84.8
65 87.5 65.6 105.6



#57
2,4-Dinitrotoluene
Concen: 48.280 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Tgt Ion:165 Resp: 291111
Ion Ratio Lower Upper
165 100
63 45.0 29.8 44.8#
89 72.0 50.3 75.5
182 2.5 2.1 3.1





#58

Fluorene

Concen: 42.834 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

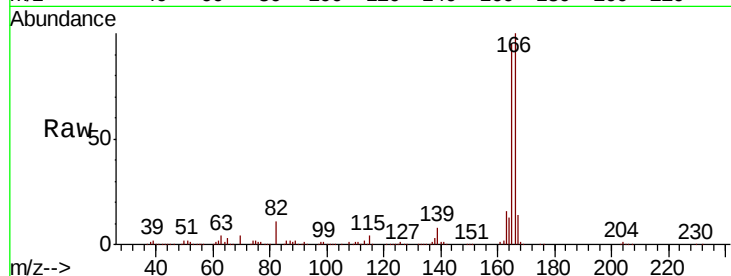
Tot Ion:166 Resp: 840643

Ion Ratio Lower Upper

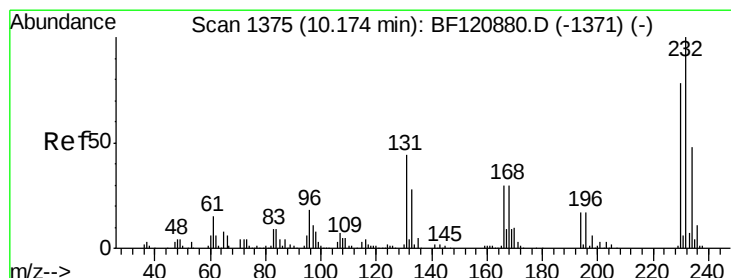
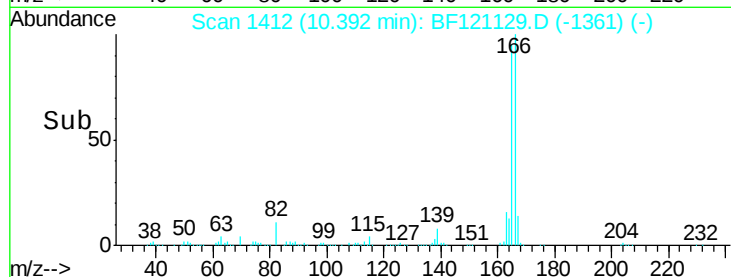
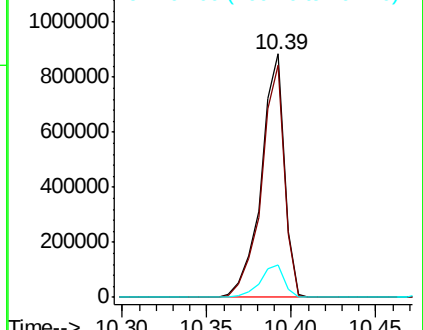
166 100

165 95.1 76.4 114.6

167 13.5 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
1200000
Ion 165.00 (164.70 to 165.70): E
1000000
Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 48.273 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Tgt Ion:232 Resp: 253362

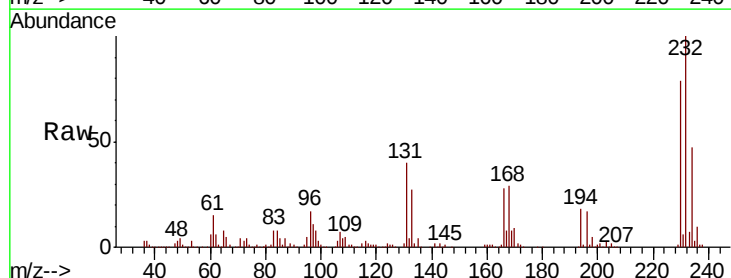
Ion Ratio Lower Upper

232 100

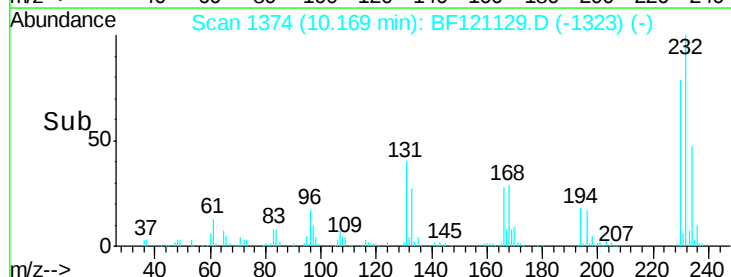
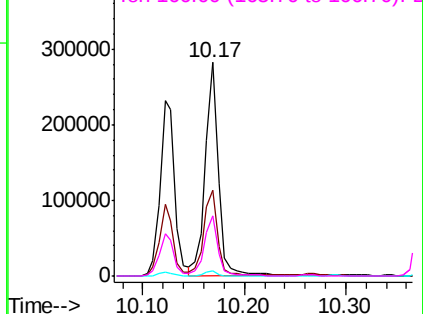
131 41.9 34.2 51.2

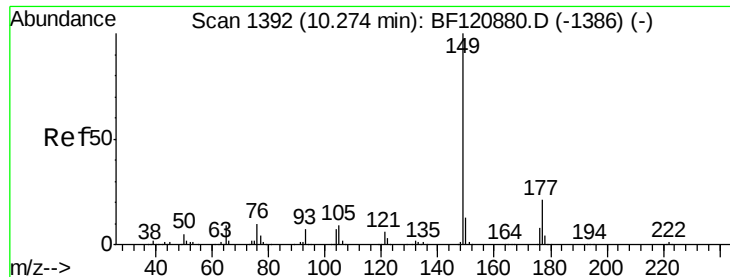
130 2.1 1.7 2.5

166 28.4 23.1 34.7



Abundance Ion 232.00 (231.70 to 232.70): E
400000
Ion 131.00 (130.70 to 131.70): E
300000
Ion 130.00 (129.70 to 130.70): E
200000
Ion 166.00 (165.70 to 166.70): E

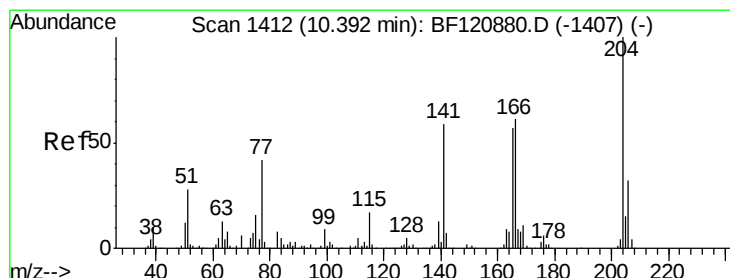
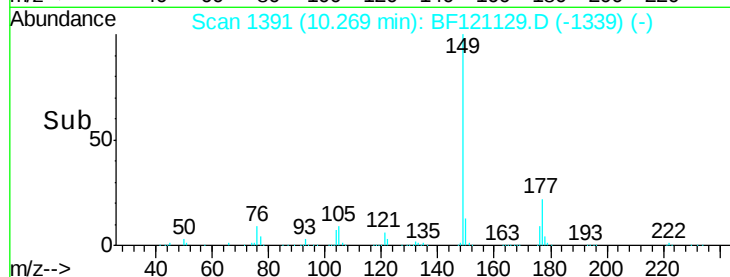
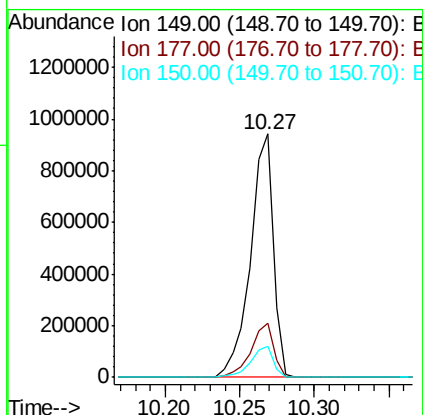
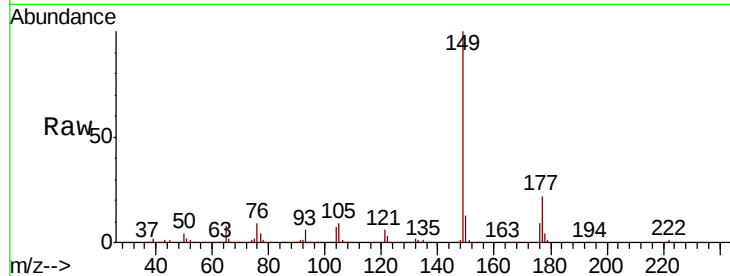




#60
Diethylphthalate
Concen: 45.925 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

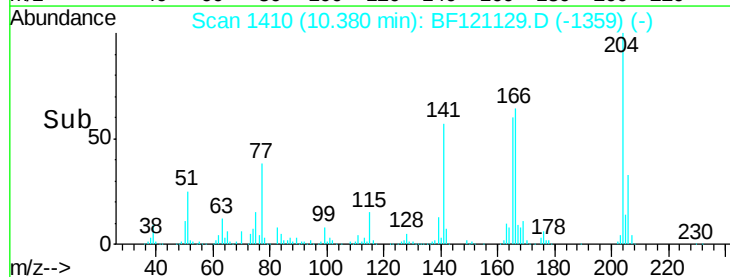
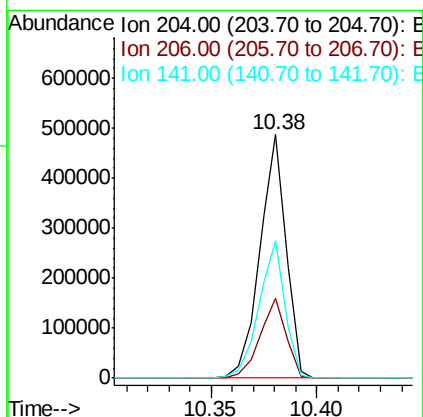
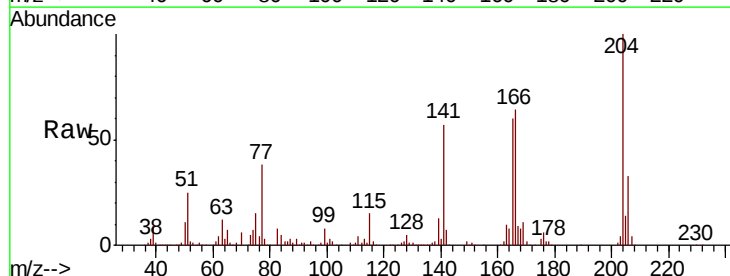
Instrument :
BNA_F
ClientSampleId :
OK-02-072820MSD

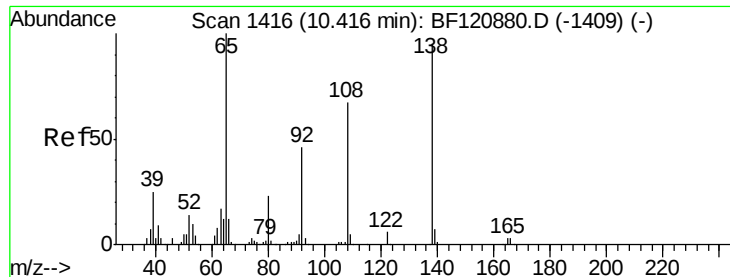
Tot Ion:149 Resp: 992754
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.6 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 40.130 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Tgt Ion:204 Resp: 420072
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 56.6 46.9 70.3





#62

4-Nitroaniline

Concen: 40.945 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

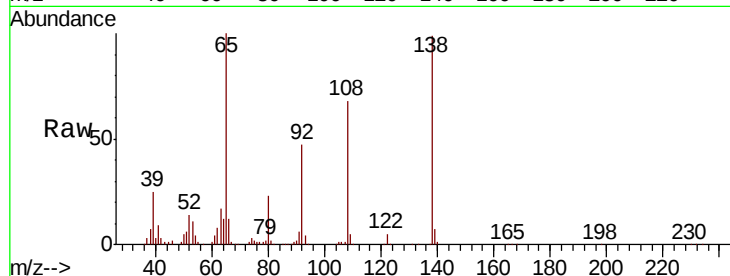
Tot Ion:138 Resp: 229676

Ion Ratio Lower Upper

138 100

92 47.2 25.2 65.2

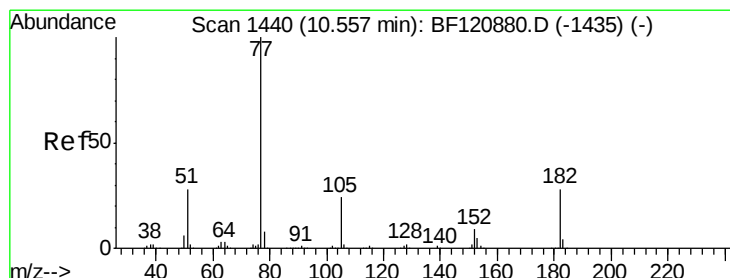
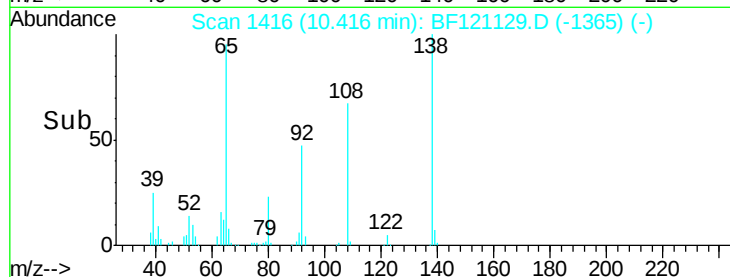
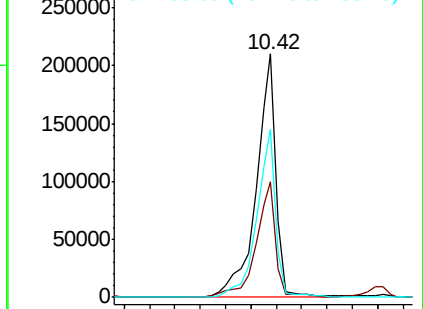
108 68.8 46.7 86.7



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: 44.684 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Tgt Ion: 77 Resp: 919588

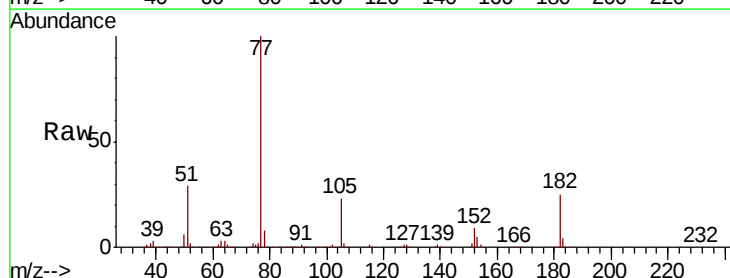
Ion Ratio Lower Upper

77 100

182 25.2 4.5 44.5

105 23.3 3.4 43.4

51 28.9 8.7 48.7

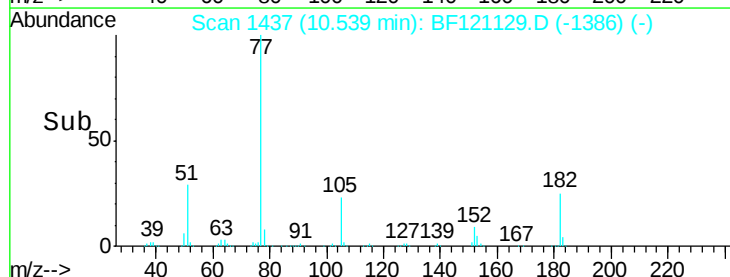
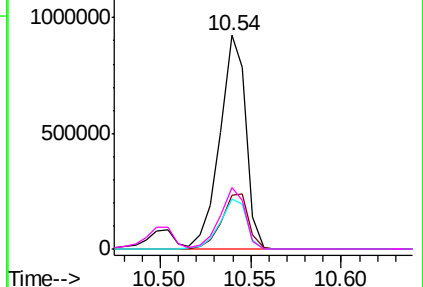


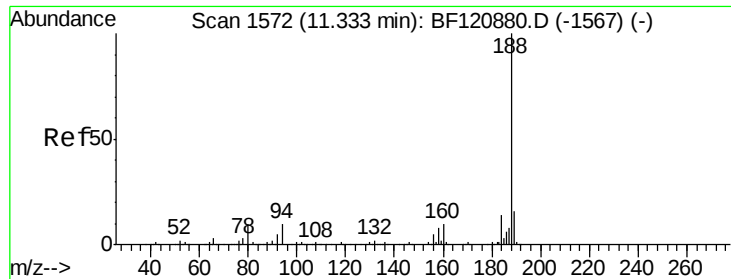
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

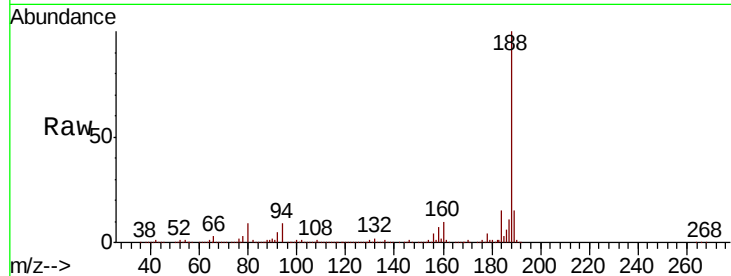




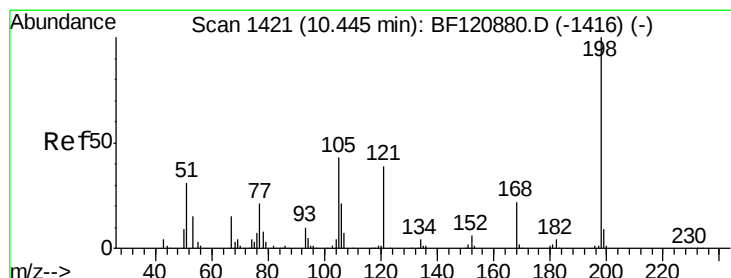
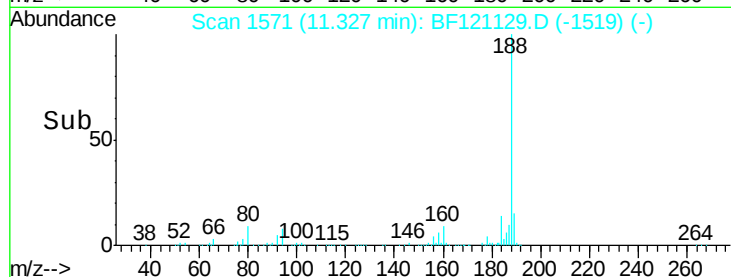
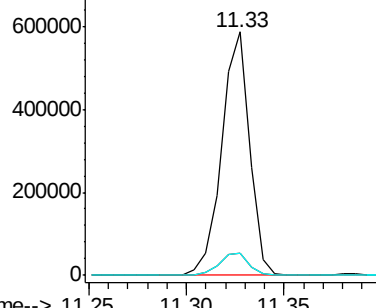
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Instrument :
BNA_F
ClientSampleId :
OK-02-072820MSD

Tot Ion:188 Resp: 581291
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.1 8.3 12.5

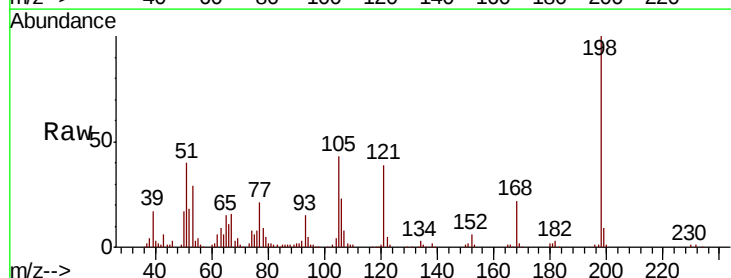


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

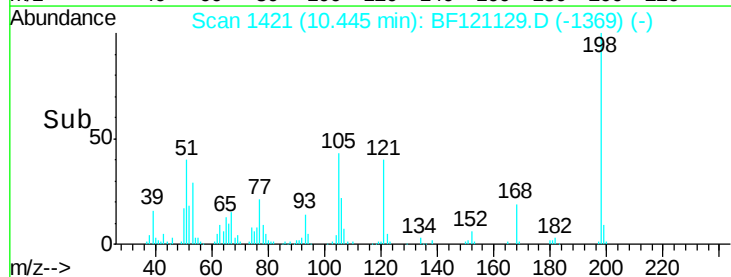
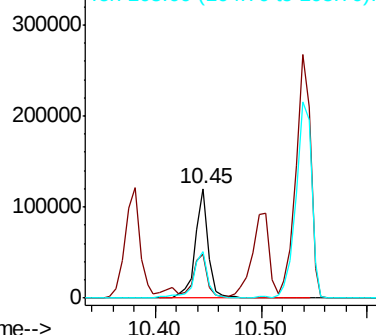


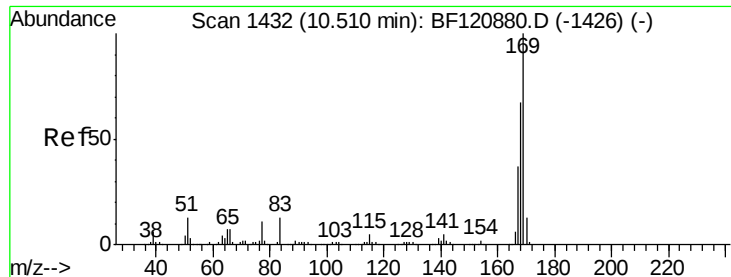
#65
4,6-Dinitro-2-methylphenol
Concen: 32.262 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Tgt Ion:198 Resp: 103931
Ion Ratio Lower Upper
198 100
51 39.7 23.4 63.4
105 42.8 23.7 63.7



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

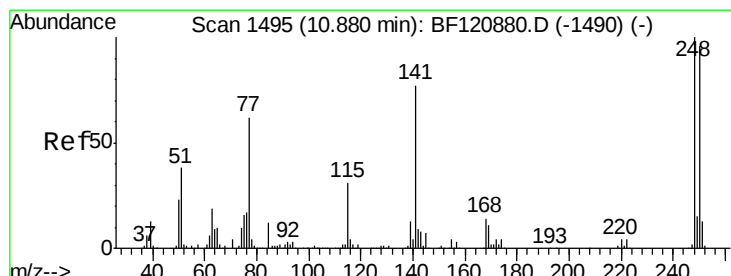
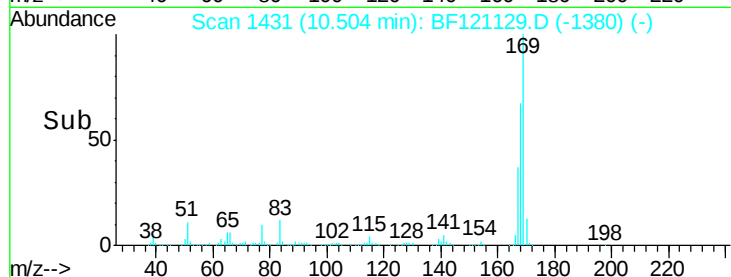
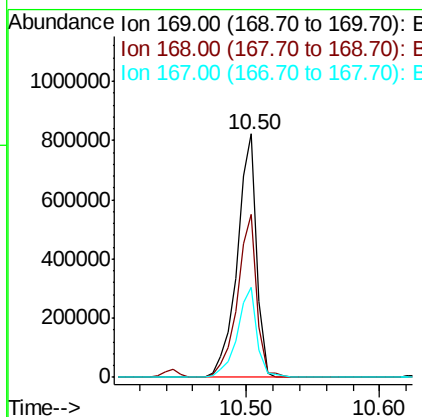
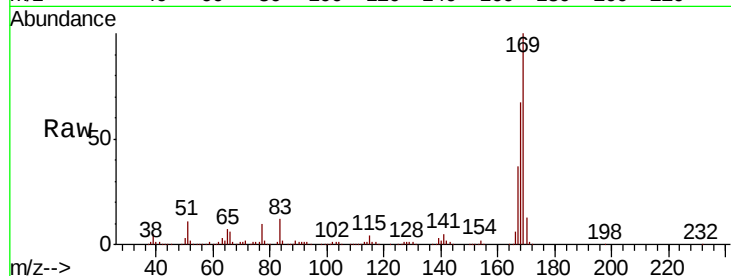




#66
 n-Nitrosodiphenylamine
 Concen: 45.336 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

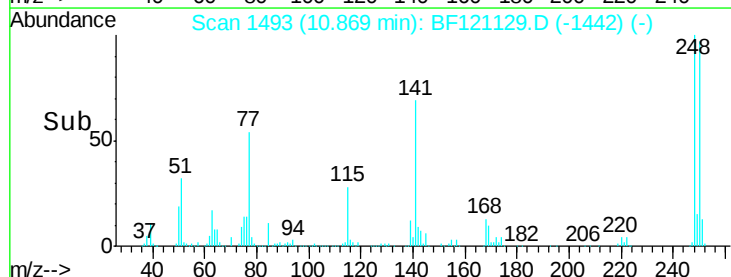
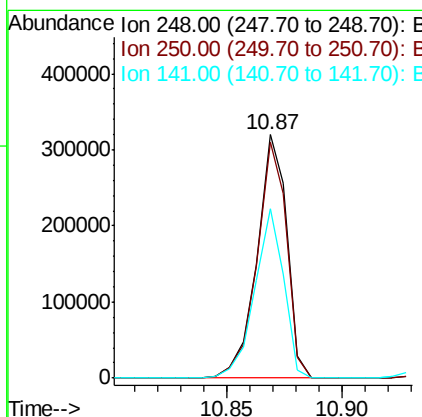
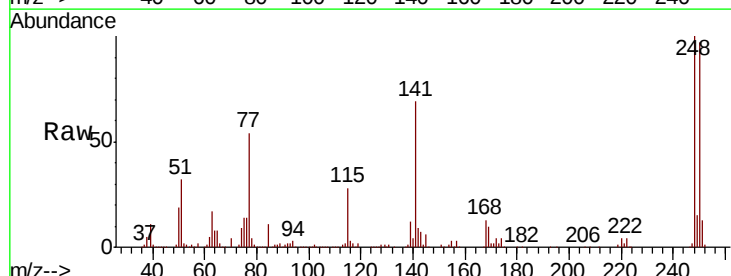
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820MSD

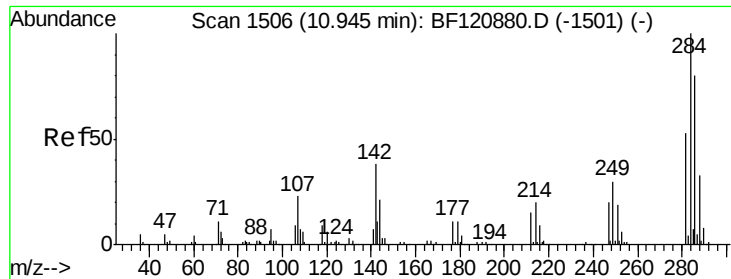
Tot Ion:169 Resp: 829020
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.7 80.5
 167 37.2 30.0 45.0



#67
 4-Bromophenyl-phenylether
 Concen: 44.633 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Tgt Ion:248 Resp: 289265
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.0 115.6
 141 69.4 56.6 85.0





#68

Hexachlorobenzene

Concen: 46.101 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

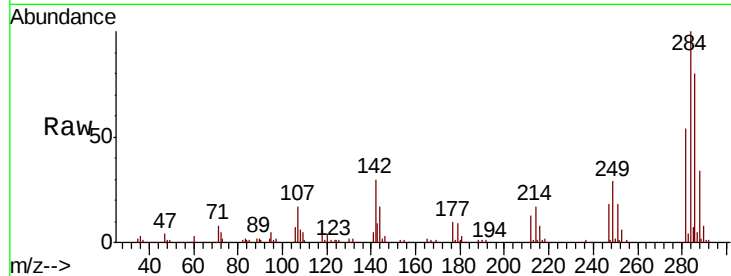
Tot Ion:284 Resp: 323201

Ion Ratio Lower Upper

284 100

142 29.6 21.1 31.7

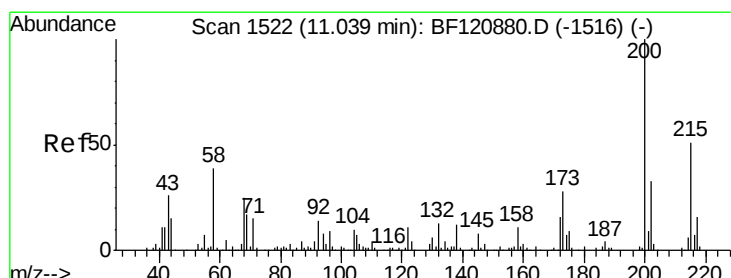
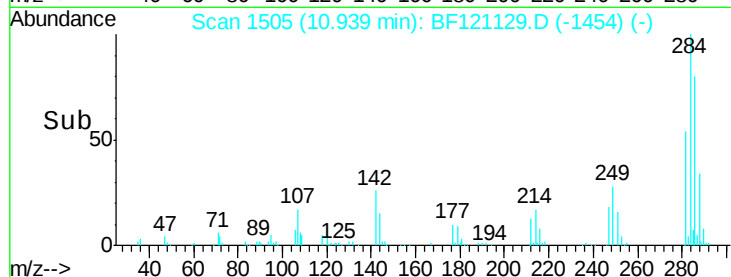
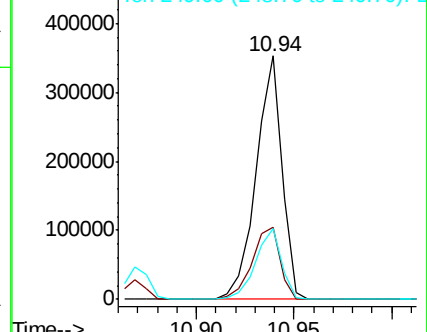
249 29.2 22.5 33.7



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: 48.478 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

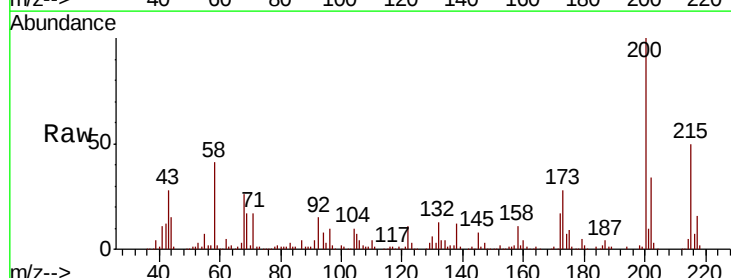
Tgt Ion:200 Resp: 219543

Ion Ratio Lower Upper

200 100

173 28.2 7.6 47.6

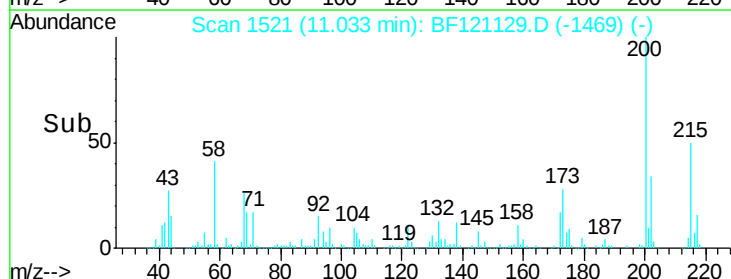
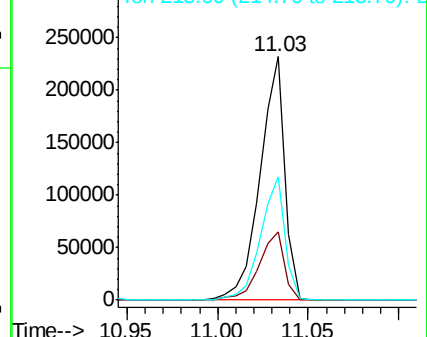
215 50.4 28.8 68.8

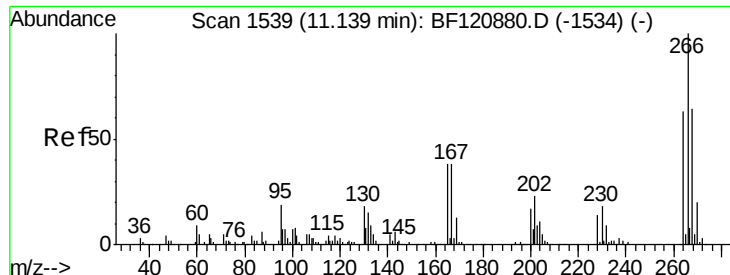


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

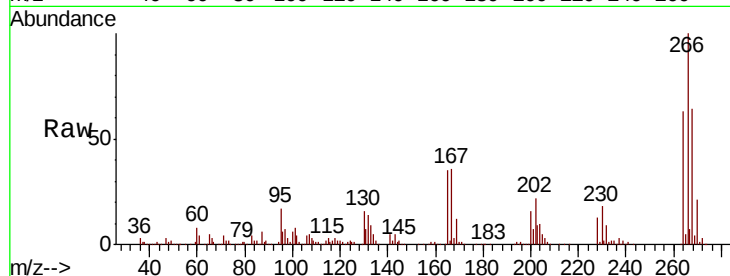




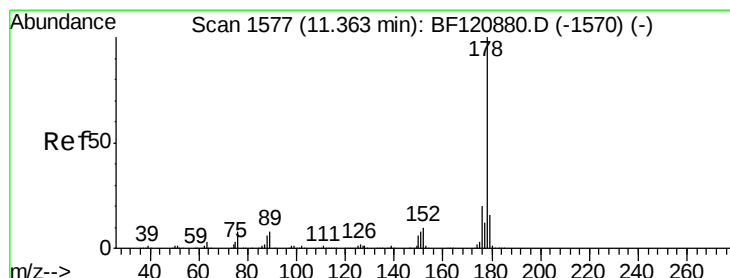
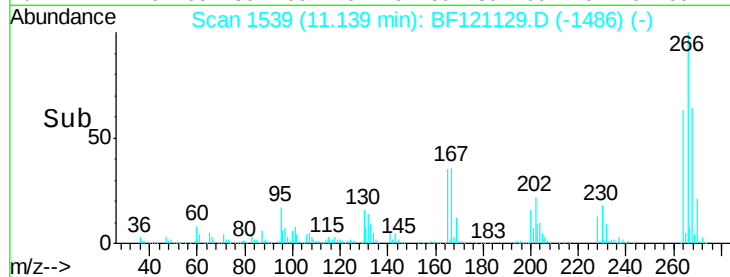
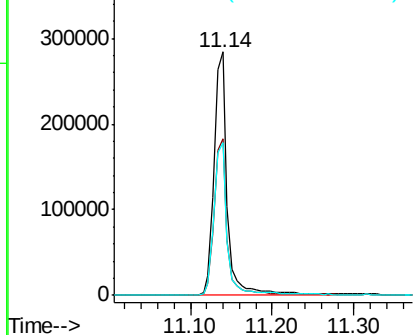
#70
 Pentachlorophenol
 Concen: 81.111 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820MSD

Tot Ion:266 Resp: 325765
 Ion Ratio Lower Upper
 266 100
 268 64.1 49.7 74.5
 264 62.6 50.4 75.6

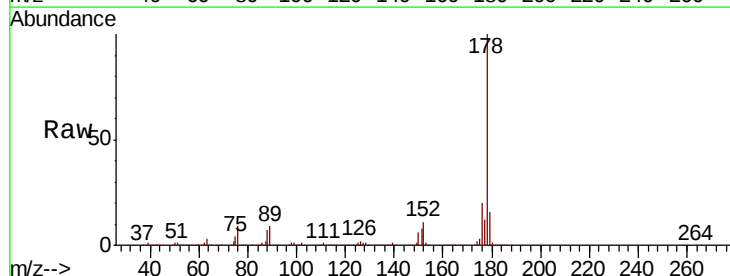


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

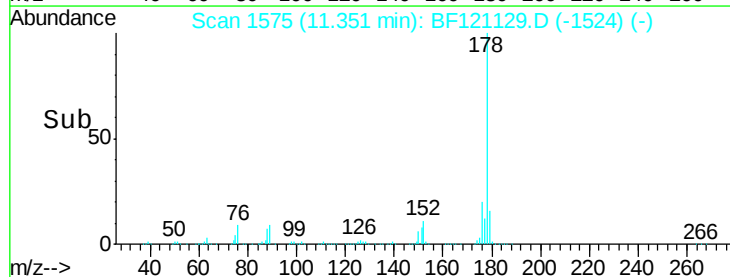
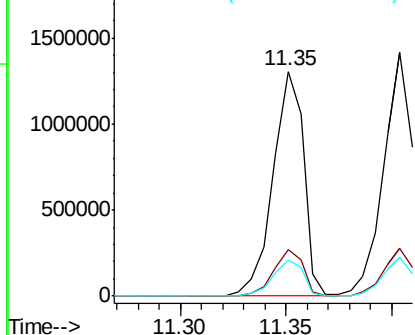


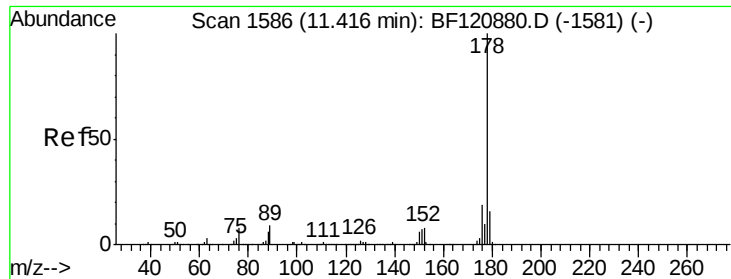
#71
 Phenanthrene
 Concen: 44.255 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Tgt Ion:178 Resp: 1323037
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.2
 179 16.0 12.6 19.0



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

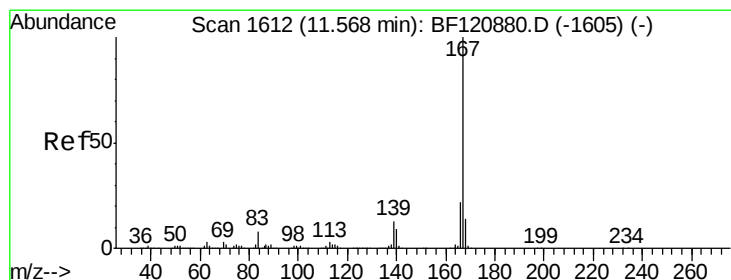
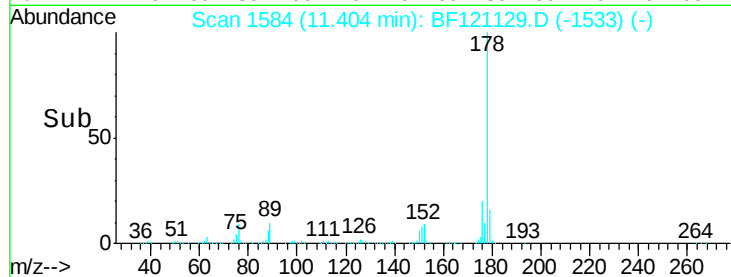
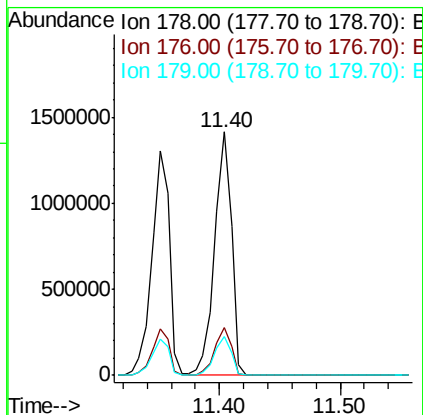
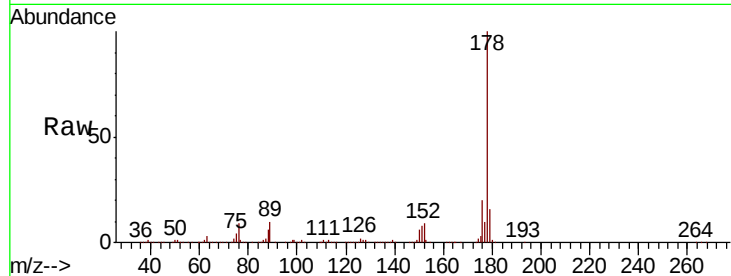




#72
 Anthracene
 Concen: 44.940 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

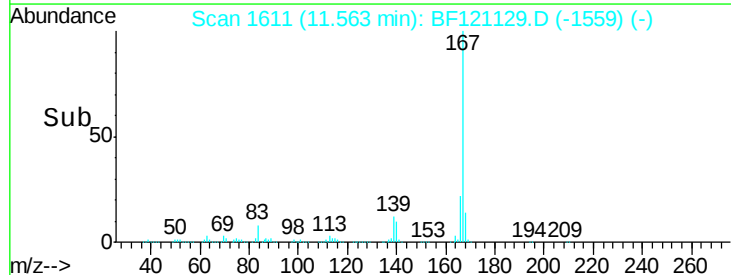
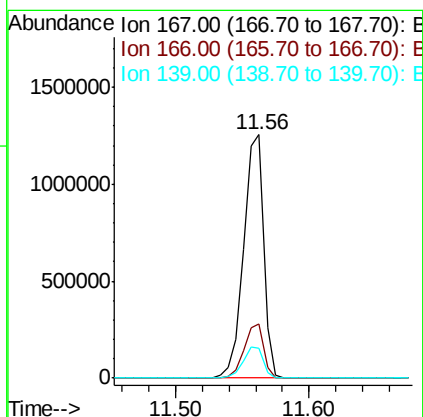
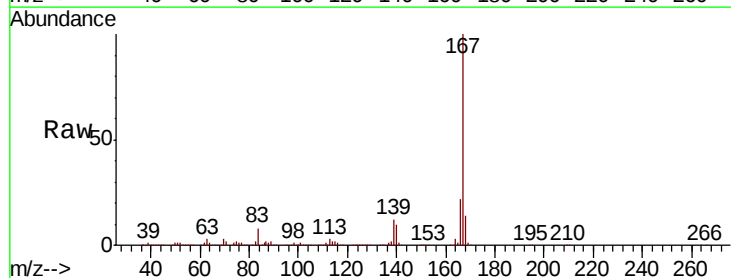
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820MSD

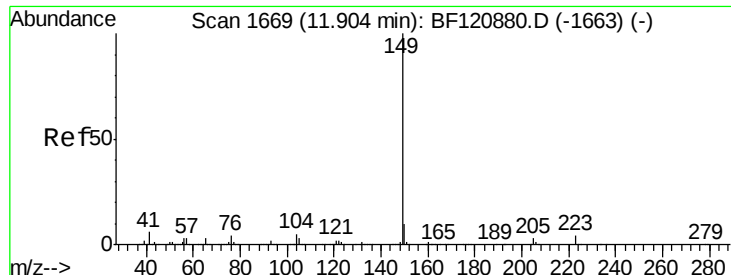
Tot Ion:178 Resp: 1349104
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 16.1 12.6 19.0



#73
 Carbazole
 Concen: 43.547 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF121129.D
 Acq: 30 Jul 2020 15:38

Tgt Ion:167 Resp: 1297354
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.5 26.3
 139 12.5 10.5 15.7





#74

Di-n-butylphthalate

Concen: 46.009 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

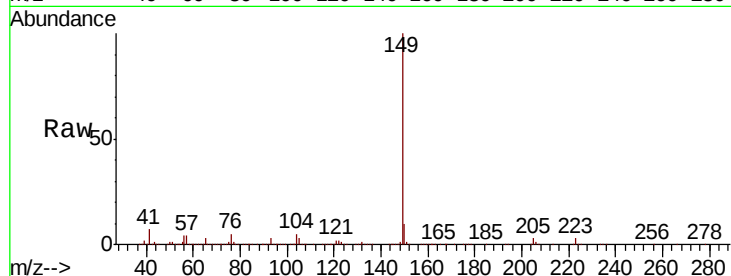
Tot Ion:149 Resp: 1581790

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

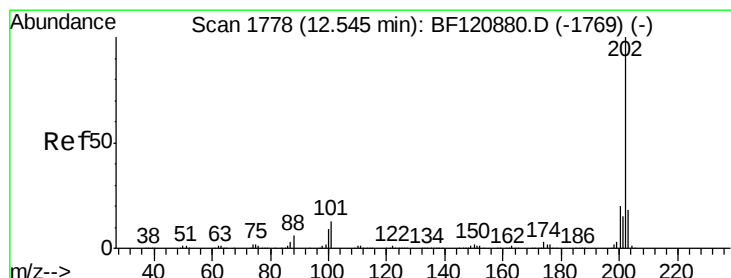
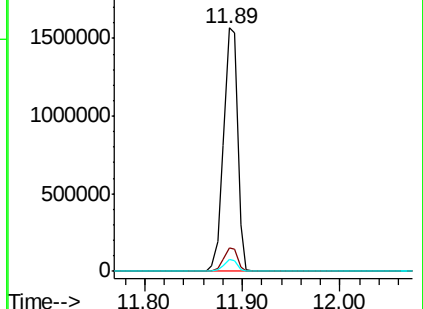
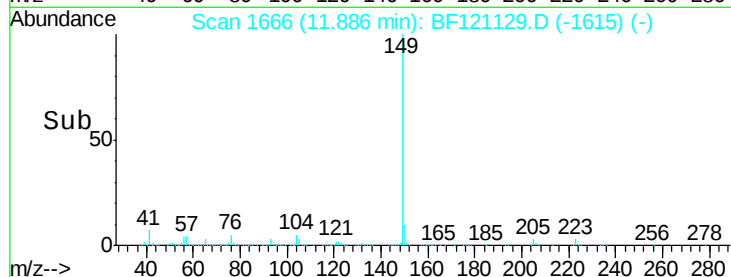
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 45.099 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

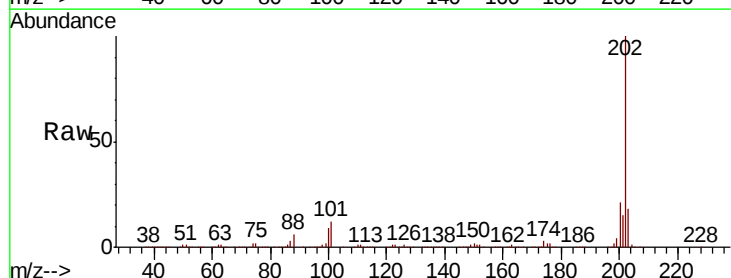
Tgt Ion:202 Resp: 1494472

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.5

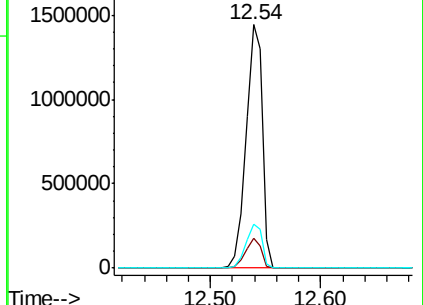
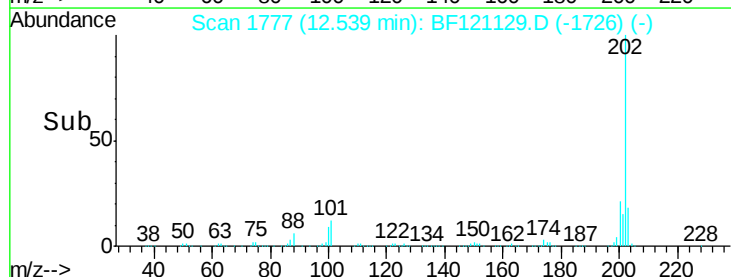
203 18.3 0.0 37.7

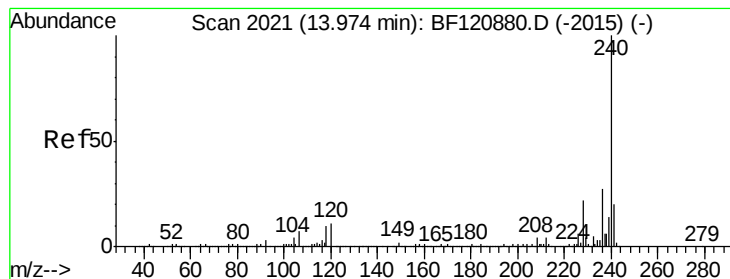


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

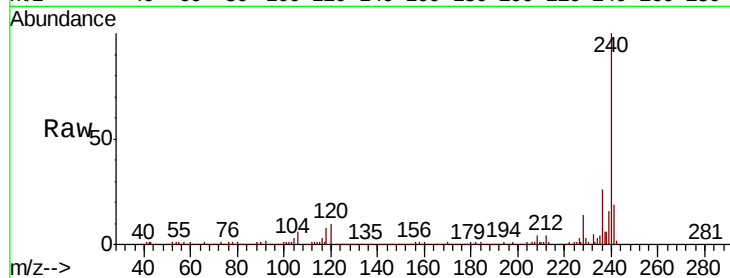
Tot Ion:240 Resp: 472791

Ion Ratio Lower Upper

240 100

120 9.7 9.3 13.9

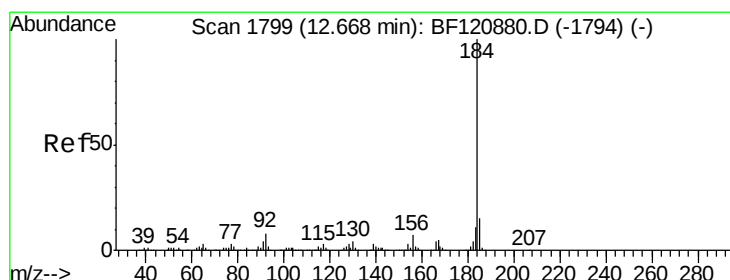
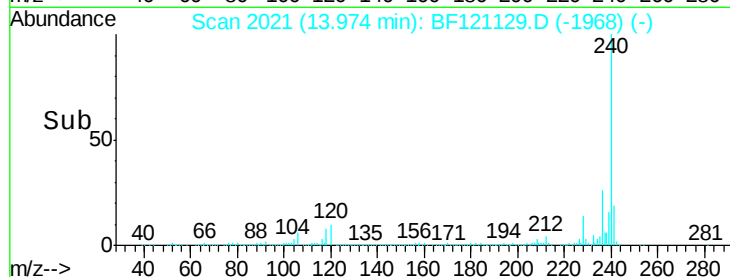
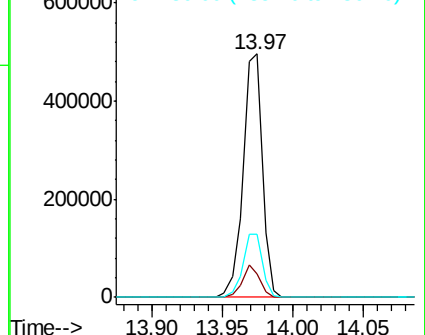
236 26.0 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 46.108 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

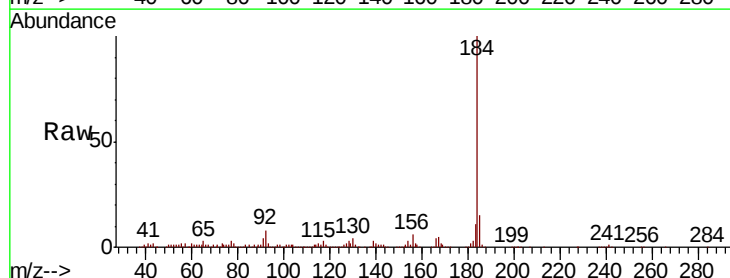
Tgt Ion:184 Resp: 573143

Ion Ratio Lower Upper

184 100

185 15.2 12.1 18.1

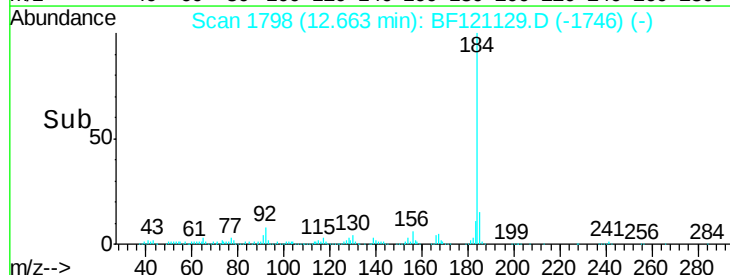
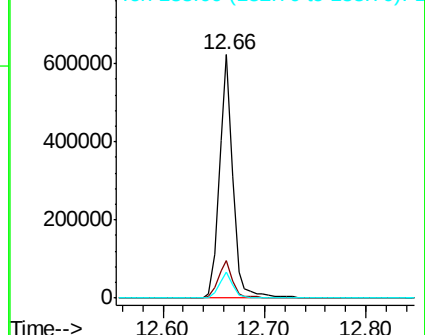
183 10.9 9.0 13.4

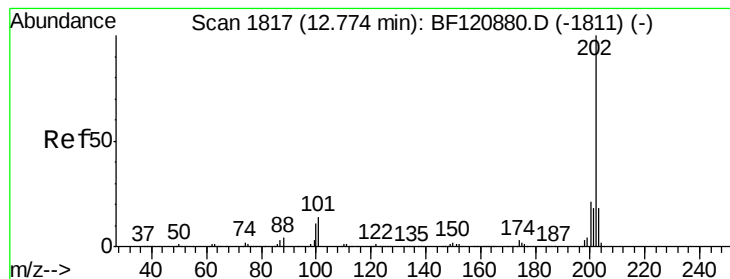


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 45.665 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

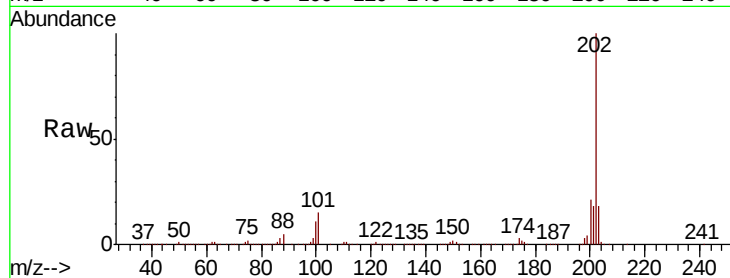
Tot Ion:202 Resp: 1526436

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

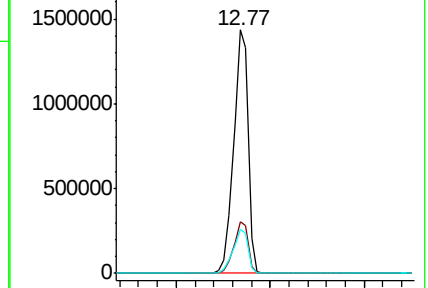
203 18.2 14.6 21.8



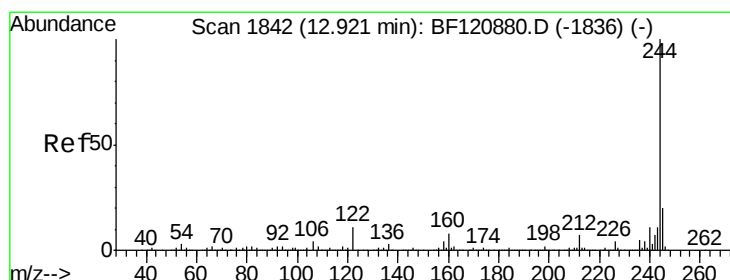
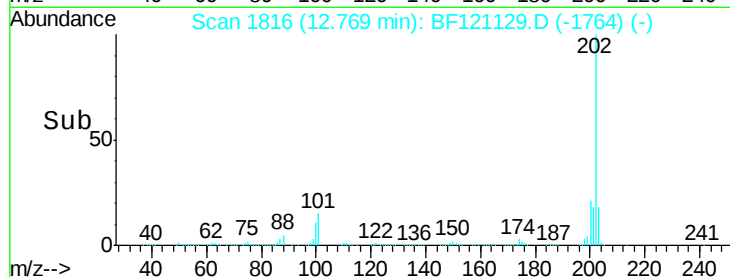
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 78.462 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

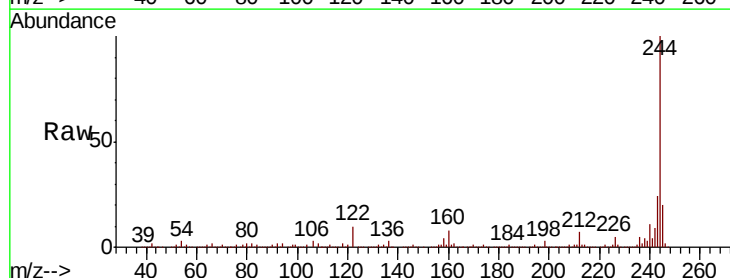
Tgt Ion:244 Resp: 1706525

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

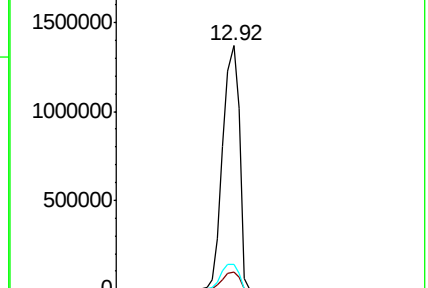
122 10.2 8.3 12.5



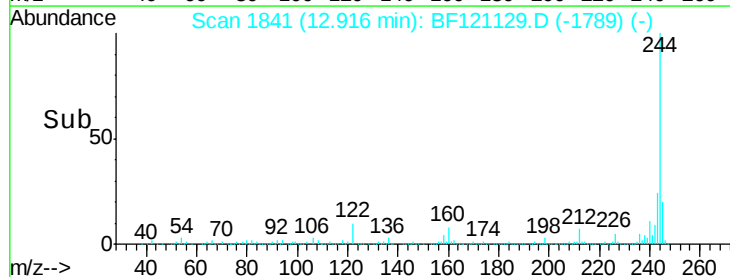
Abundance Ion 244.00 (243.70 to 244.70): E

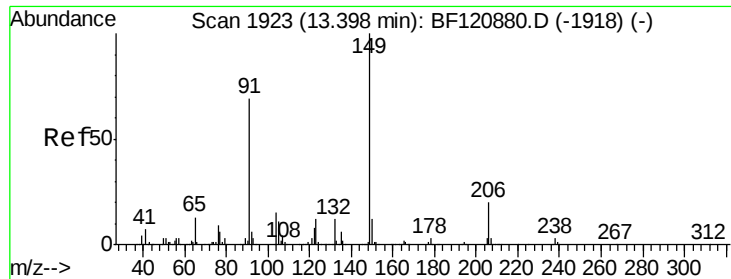
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

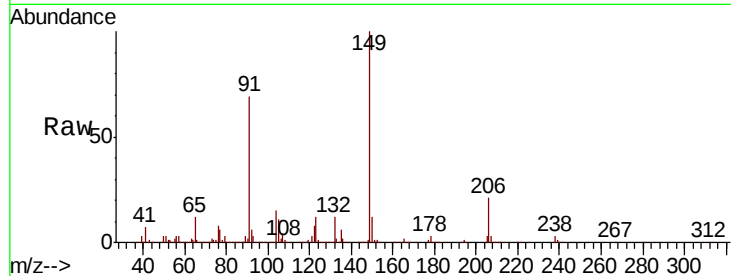




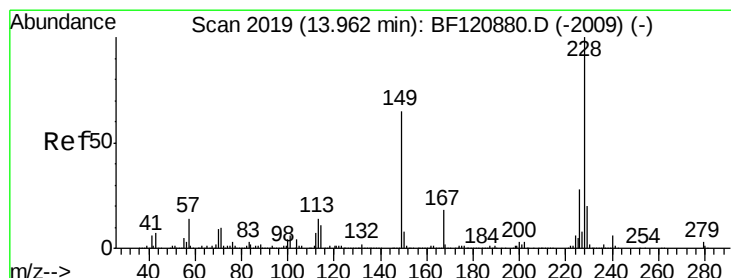
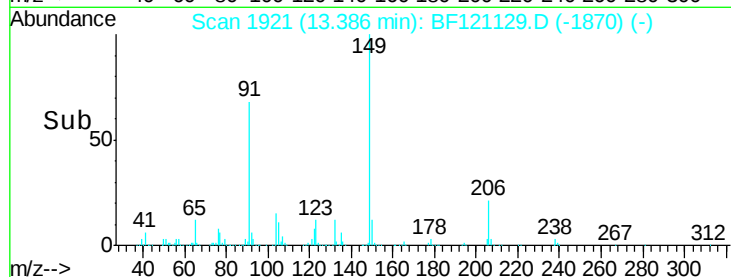
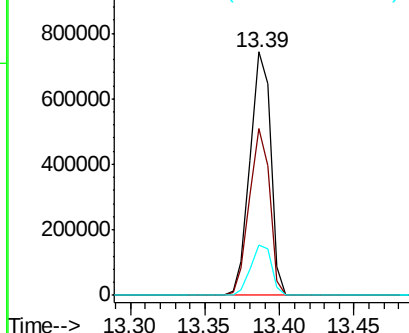
#80
Butylbenzylphthalate
Concen: 47.725 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Instrument :
BNA_F
ClientSampleId :
OK-02-072820MSD

Tot Ion:149 Resp: 711150
Ion Ratio Lower Upper
149 100
91 68.5 51.4 77.0
206 20.7 17.9 26.9

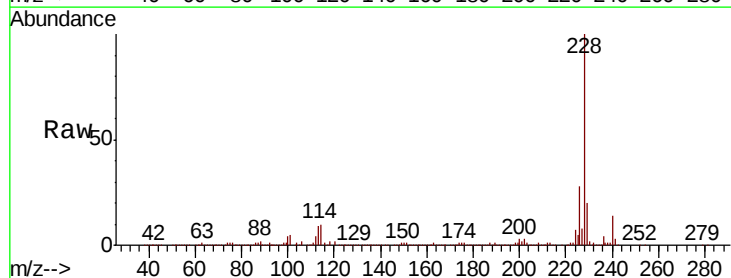


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

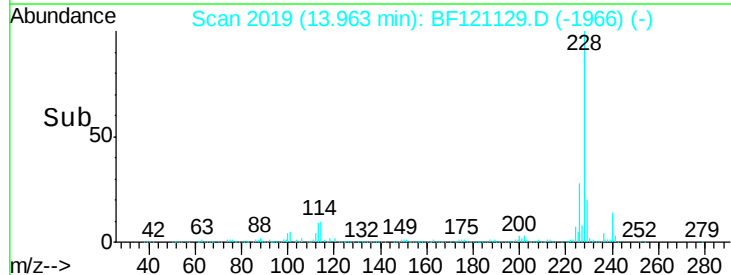
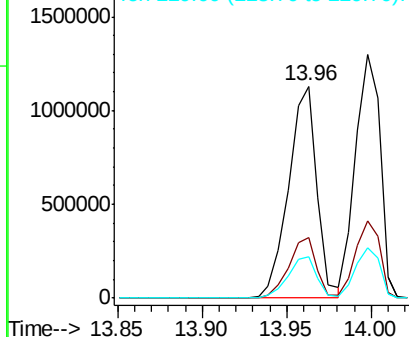


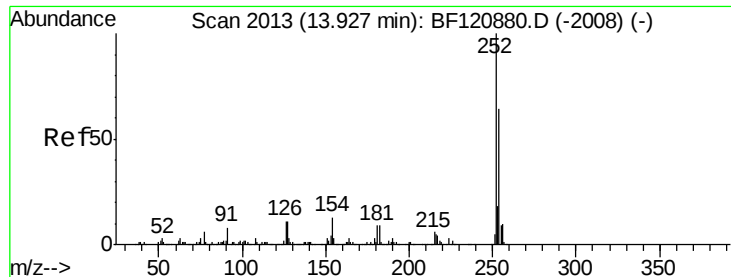
#81
Benzo(a)anthracene
Concen: 45.856 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Tgt Ion:228 Resp: 1312838
Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 19.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 22.096 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

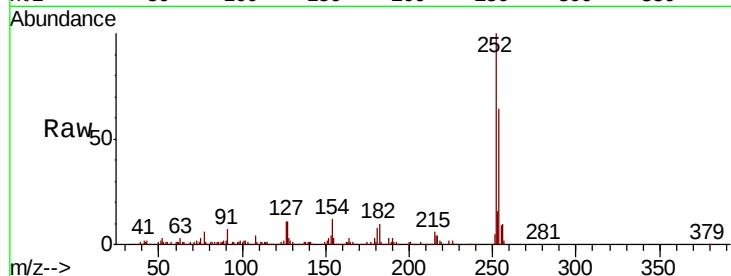
Tot Ion:252 Resp: 238667

Ion Ratio Lower Upper

252 100

254 63.7 51.3 76.9

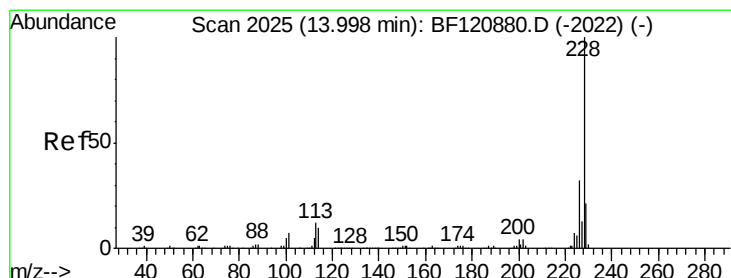
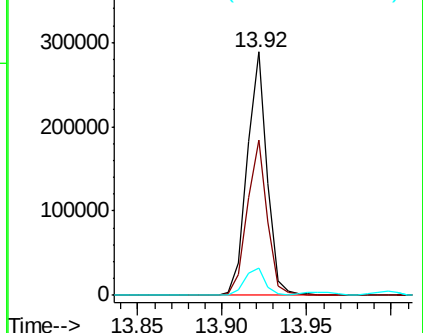
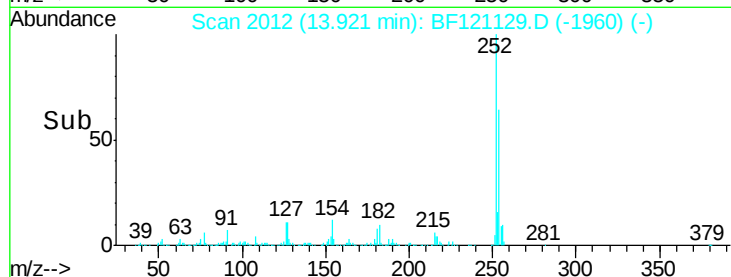
126 11.0 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 43.807 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

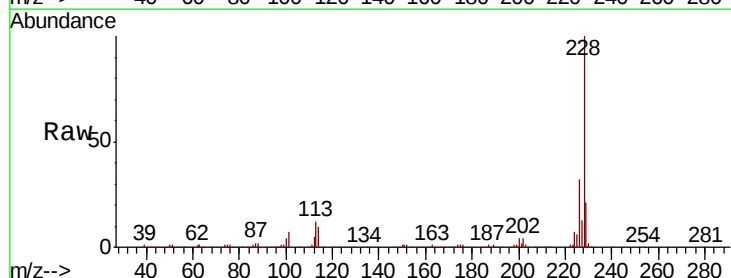
Tgt Ion:228 Resp: 1318018

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.0

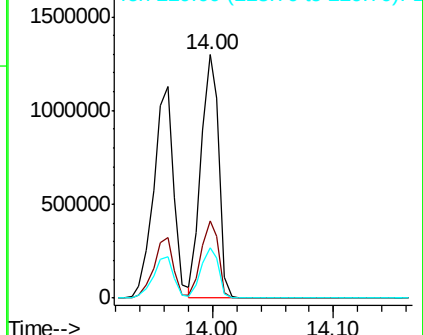
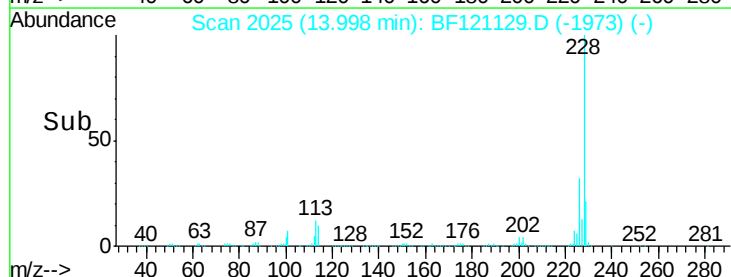
229 20.9 16.2 24.4

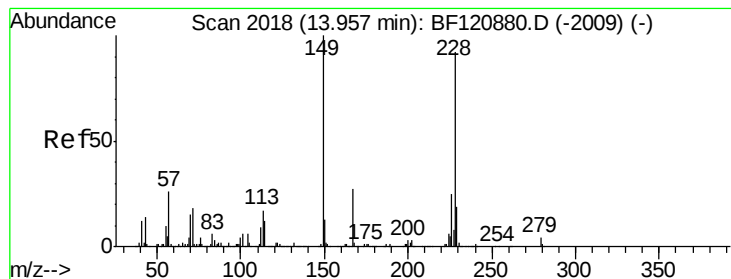


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 49.394 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

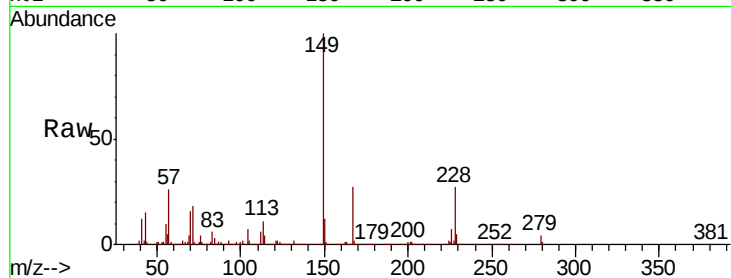
Tot Ion:149 Resp: 907599

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

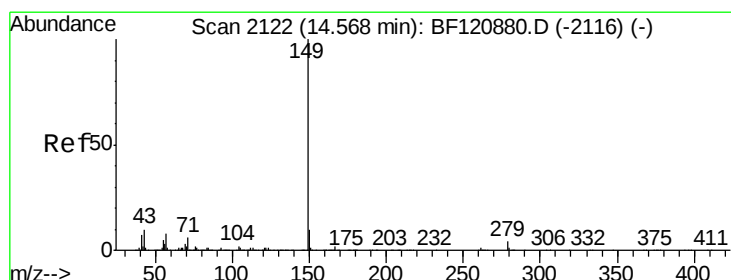
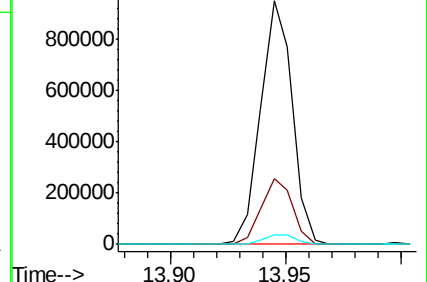
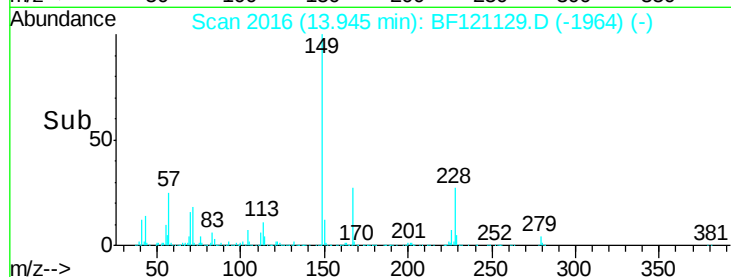
279 4.0 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 46.574 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

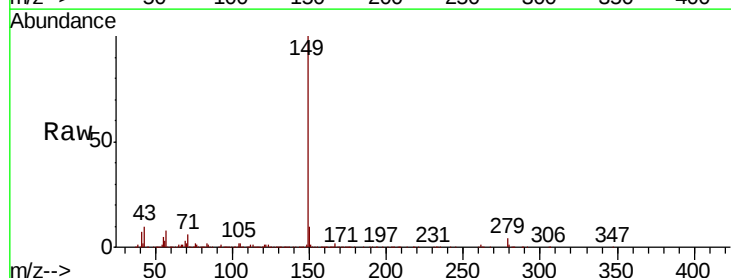
Tgt Ion:149 Resp: 1702581

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

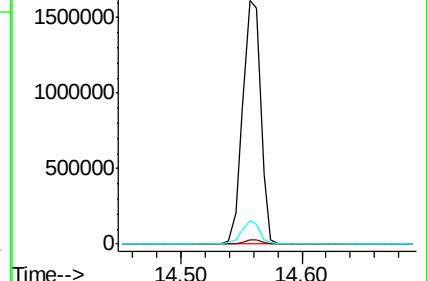
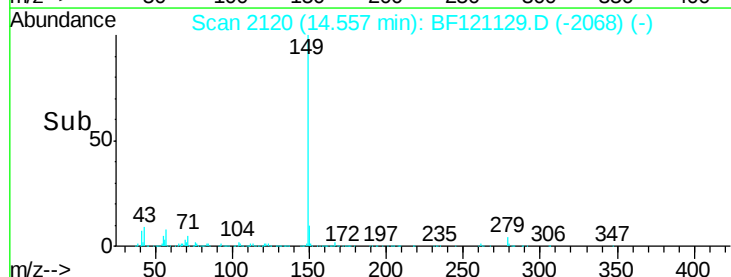
43 8.8 7.5 11.3

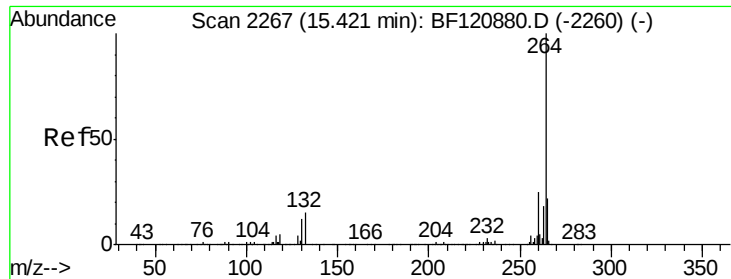


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



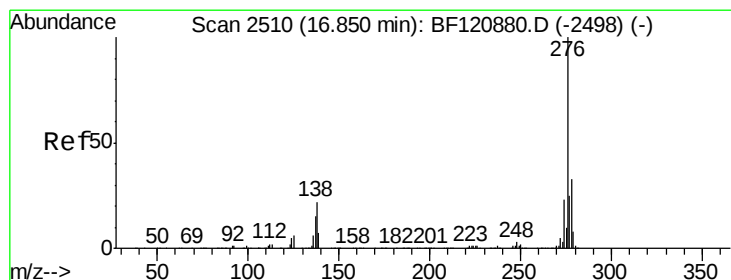
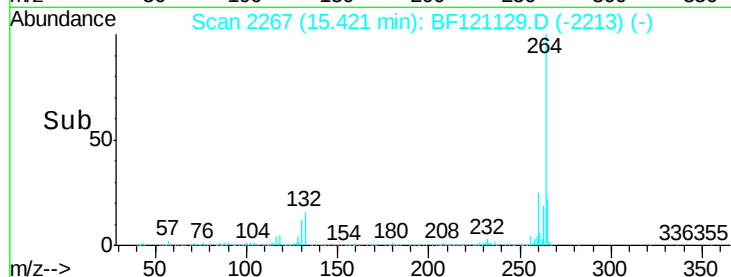
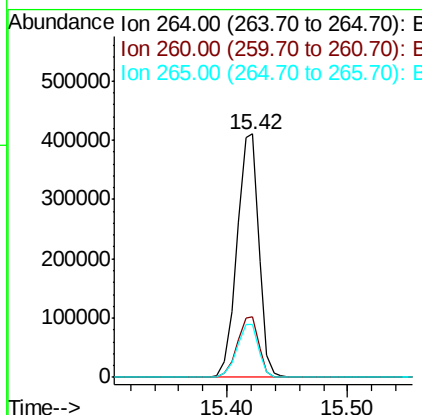
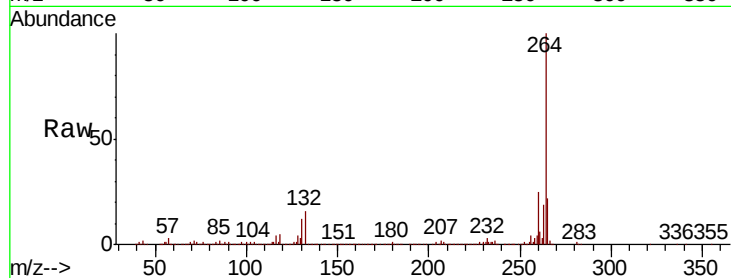


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Instrument :
BNA_F
ClientSampleId :
OK-02-072820MSD

Tot Ion:264 Resp: 517486

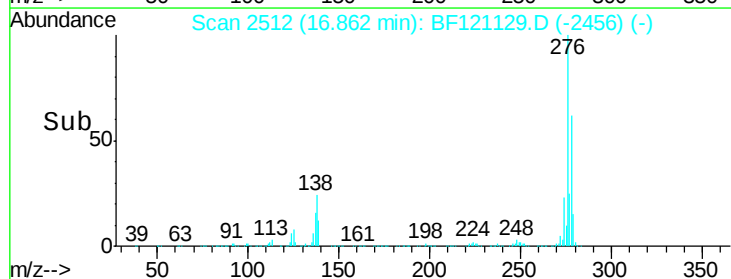
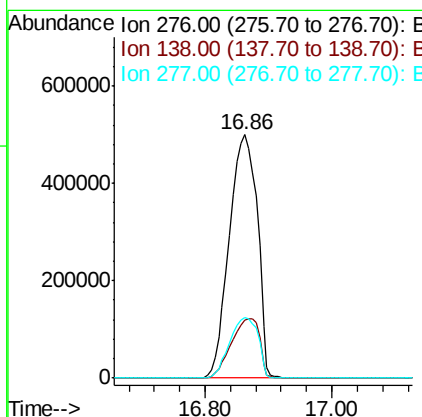
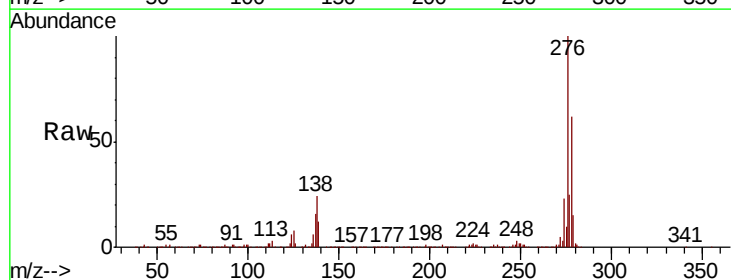
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	21.6	17.8	26.8

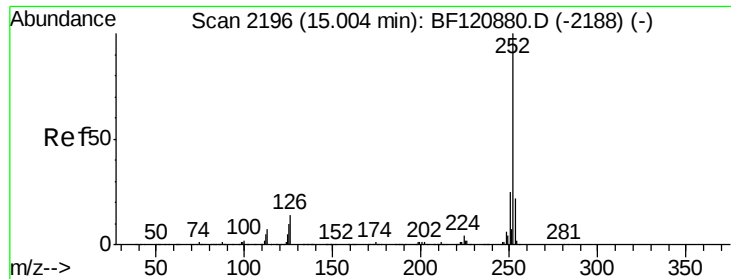


#87
Indeno(1,2,3-cd)pyrene
Concen: 42.263 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.03 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Tgt Ion:276 Resp: 1520999

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.3	28.9
277	25.5	20.1	30.1

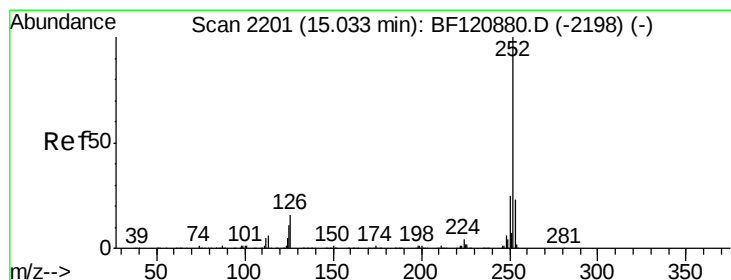
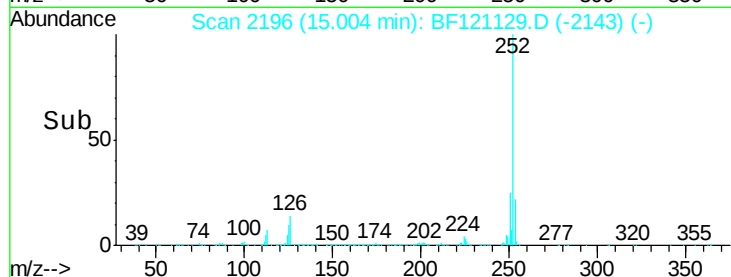
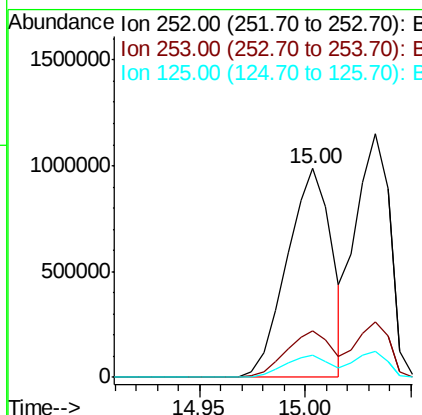
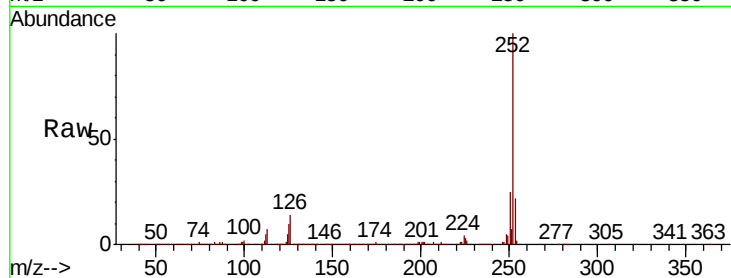




#88
Benzo(b)fluoranthene
Concen: 46.637 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

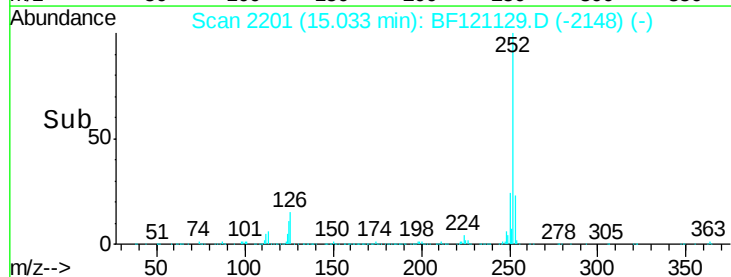
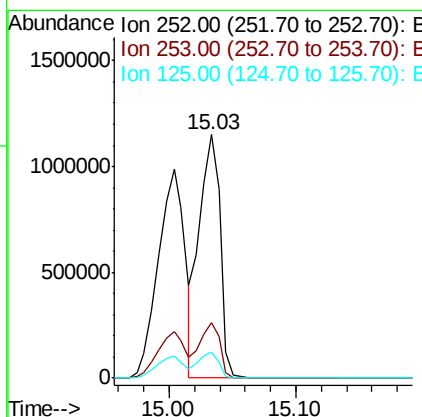
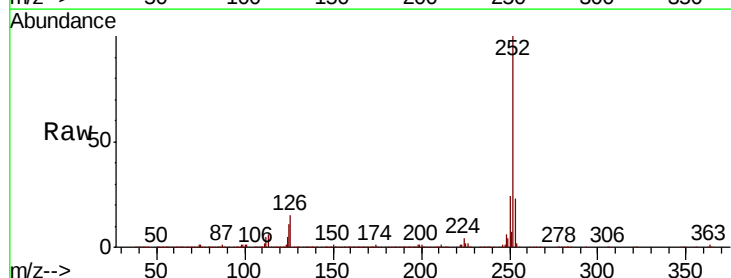
Instrument :
BNA_F
ClientSampleId :
OK-02-072820MSD

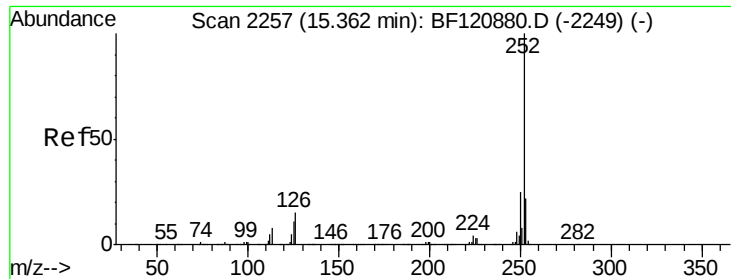
Tot Ion:252 Resp: 1458811
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.4 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 45.668 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF121129.D
Acq: 30 Jul 2020 15:38

Tgt Ion:252 Resp: 1302800
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 10.6 8.0 12.0





#90

Benzo(a)pyrene

Concen: 44.757 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.02 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

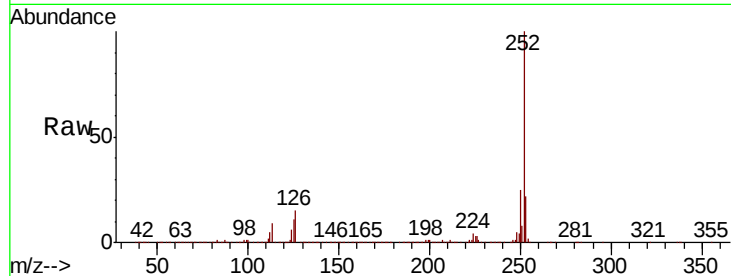
Tot Ion:252 Resp: 1277309

Ion Ratio Lower Upper

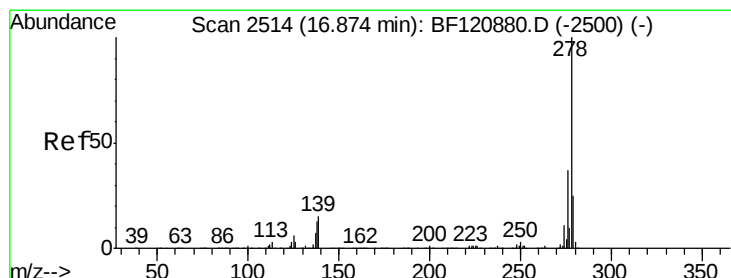
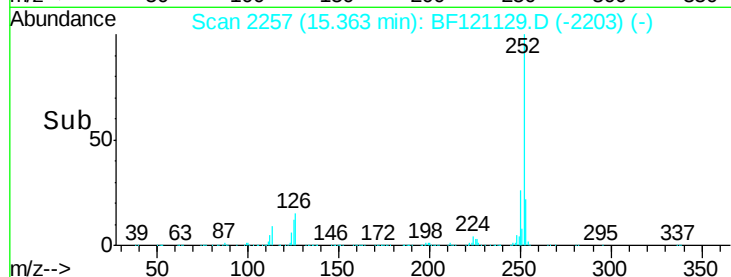
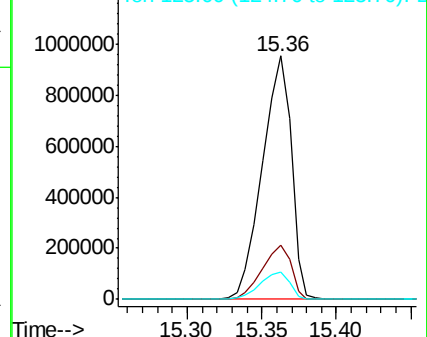
252 100

253 22.2 18.0 27.0

125 11.4 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 42.510 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.03 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

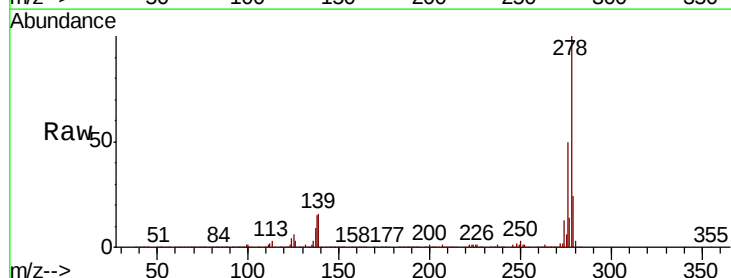
Tgt Ion:278 Resp: 1249699

Ion Ratio Lower Upper

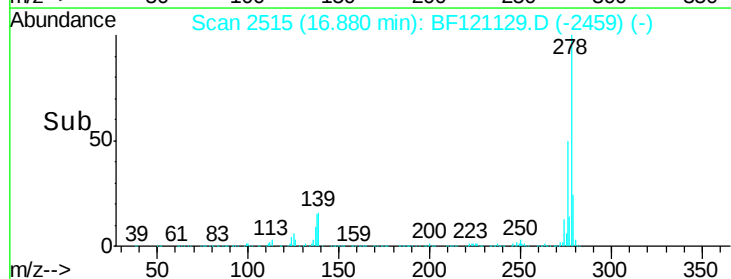
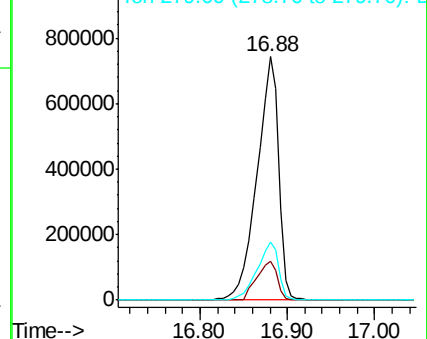
278 100

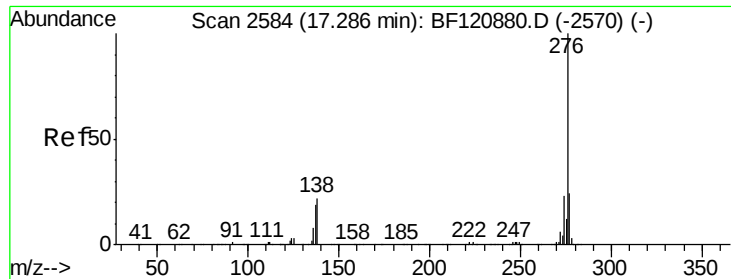
139 15.8 12.6 18.8

279 23.8 19.5 29.3



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(a,h,i)perylene

Concen: 44.085 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.04 min

Lab File: BF121129.D

Acq: 30 Jul 2020 15:38

Instrument :

BNA_F

ClientSampleId :

OK-02-072820MSD

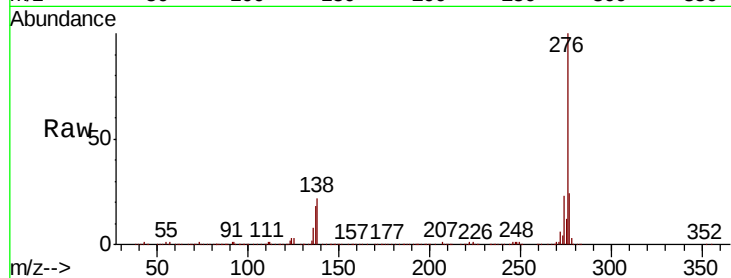
Tot Ion:276 Resp: 1277868

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 21.6 17.2 25.8



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

