

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126043.D
 Acq On : 4 Nov 2021 13:48
 Operator : JU/CG
 Sample : M4448-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MS

Quant Time: Nov 08 07:19:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	148550	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	530704	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	314994	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	560085	20.00	ng	0.00
76) Chrysene-d12	14.010	240	305944	20.00	ng	# 0.00
86) Perylene-d12	15.468	264	332299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	794853	91.89	ng	0.01
7) Phenol-d6	6.481	99	1053108	86.36	ng	0.00
23) Nitrobenzene-d5	7.416	82	771490	68.56	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	367568	101.82	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1483255	63.63	ng	0.00
79) Terphenyl-d14	12.957	244	1335906	70.41	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	130854	36.38	ng	# 100
3) Pyridine	3.428	79	300827	31.08	ng	95
4) n-Nitrosodimethylamine	3.375	42	276731	40.77	ng	# 87
6) Aniline	6.516	93	309652	23.03	ng	# 90
8) 2-Chlorophenol	6.639	128	401915	43.48	ng	84
9) Benzaldehyde	6.398	77	285057	40.54	ng	# 85
10) Phenol	6.498	94	519026	41.63	ng	81
11) bis(2-Chloroethyl)ether	6.586	93	372558	41.02	ng	86
12) 1,3-Dichlorobenzene	6.792	146	438539	41.66	ng	# 91
13) 1,4-Dichlorobenzene	6.869	146	446617	41.60	ng	96
14) 1,2-Dichlorobenzene	7.022	146	423539	40.95	ng	96
15) Benzyl Alcohol	6.992	79	432626	41.54	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.128	45	670975	40.18	ng	94
17) 2-Methylphenol	7.104	107	330942	42.07	ng	# 88
18) Hexachloroethane	7.369	117	177511	44.01	ng	# 83
19) n-Nitroso-di-n-propyla...	7.269	70	348986	43.41	ng	# 84
20) 3+4-Methylphenols	7.257	107	438742	41.25	ng	# 75
22) Acetophenone	7.263	105	631417	41.19	ng	# 86
24) Nitrobenzene	7.433	77	505538	45.36	ng	# 82
25) Isophorone	7.675	82	861853	42.54	ng	# 87
26) 2-Nitrophenol	7.751	139	196300	49.61	ng	# 60
27) 2,4-Dimethylphenol	7.786	122	354422	47.98	ng	# 77
28) bis(2-Chloroethoxy)met...	7.886	93	484449	40.55	ng	# 97
29) 2,4-Dichlorophenol	7.992	162	363002	43.54	ng	96
30) 1,2,4-Trichlorobenzene	8.075	180	422570	41.56	ng	99
31) Naphthalene	8.157	128	1166709	42.44	ng	99
32) Benzoic acid	7.910	122	214923	47.11	ng	# 68
33) 4-Chloroaniline	8.204	127	95138	8.66	ng	# 92
34) Hexachlorobutadiene	8.280	225	295558	42.23	ng	98
35) Caprolactam	8.575	113	63704	27.44	ng	# 63
36) 4-Chloro-3-methylphenol	8.686	107	415484	43.21	ng	84
37) 2-Methylnaphthalene	8.851	142	844039	44.46	ng	97
38) 1-Methylnaphthalene	8.945	142	769929	41.87	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	447937	42.43	ng	98
41) Hexachlorocyclopentadiene	9.004	237	474612	86.53	ng	99

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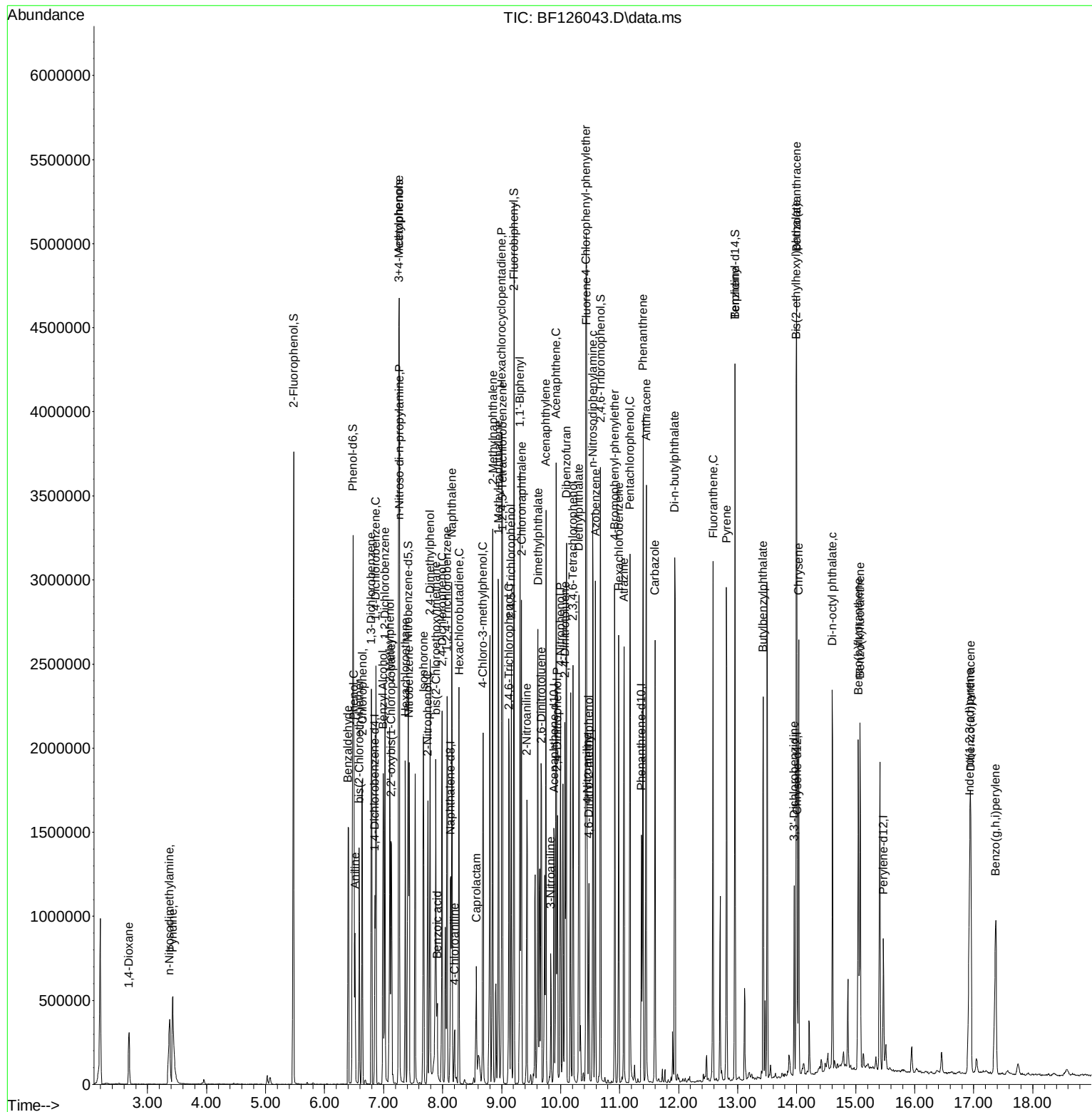
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.127	196	287249	44.94	ng	97
44) 2,4,5-Trichlorophenol	9.163	196	309071	44.75	ng	96
46) 1,1'-Biphenyl	9.310	154	1025238	42.11	ng	98
47) 2-Chloronaphthalene	9.339	162	818215	42.70	ng	99
48) 2-Nitroaniline	9.427	65	291755	46.63	ng	# 70
49) Acenaphthylene	9.751	152	1253951	43.27	ng	99
50) Dimethylphthalate	9.616	163	998528	43.54	ng	# 98
51) 2,6-Dinitrotoluene	9.675	165	206258	52.47	ng	# 81
52) Acenaphthene	9.922	154	866772	47.42	ng	98
53) 3-Nitroaniline	9.833	138	84124	20.88	ng	# 58
54) 2,4-Dinitrophenol	9.945	184	151355	75.17	ng	92
55) Dibenzofuran	10.098	168	1133320	41.19	ng	99
56) 4-Nitrophenol	9.998	139	279674	87.94	ng	# 49
57) 2,4-Dinitrotoluene	10.074	165	274393	48.43	ng	# 85
58) Fluorene	10.439	166	916558	41.49	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	256124	43.80	ng	# 89
60) Diethylphthalate	10.310	149	1000075	43.49	ng	98
61) 4-Chlorophenyl-phenyle...	10.427	204	495130	41.91	ng	94
62) 4-Nitroaniline	10.451	138	158974	37.82	ng	# 74
63) Azobenzene	10.592	77	1023013	40.97	ng	93
65) 4,6-Dinitro-2-methylph...	10.480	198	107746	41.35	ng	98
66) n-Nitrosodiphenylamine	10.545	169	796221	44.64	ng	97
67) 4-Bromophenyl-phenylether	10.916	248	301613	44.46	ng	89
68) Hexachlorobenzene	10.986	284	316962	44.73	ng	# 88
69) Atrazine	11.074	200	286751	45.45	ng	91
70) Pentachlorophenol	11.174	266	333975	87.46	ng	95
71) Phenanthrene	11.398	178	1291854	42.53	ng	97
72) Anthracene	11.451	178	1288705	42.50	ng	98
73) Carbazole	11.598	167	1020729	36.29	ng	100
74) Di-n-butylphthalate	11.933	149	1458470	44.50	ng	# 98
75) Fluoranthene	12.586	202	1282346	37.91	ng	95
77) Benzidine	12.957	184	20776	2.03	ng	96
78) Pyrene	12.810	202	1215054	49.52	ng	96
80) Butylbenzylphthalate	13.433	149	444707	49.76	ng	87
81) Benzo(a)anthracene	13.998	228	900080	42.82	ng	100
82) 3,3'-Dichlorobenzidine	13.957	252	214570	34.98	ng	99
83) Chrysene	14.033	228	867805	44.37	ng	98
84) Bis(2-ethylhexyl)phtha...	13.992	149	650035	52.48	ng	97
85) Di-n-octyl phthalate	14.604	149	975889	55.45	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	1025240	52.13	ng	# 84
88) Benzo(b)fluoranthene	15.045	252	981179	45.39	ng	# 92
89) Benzo(k)fluoranthene	15.074	252	786394	37.51	ng	# 98
91) Dibenzo(a,h)anthracene	16.951	278	862483	53.39	ng	# 92
92) Benzo(g,h,i)perylene	17.374	276	808451	52.18	ng	# 81

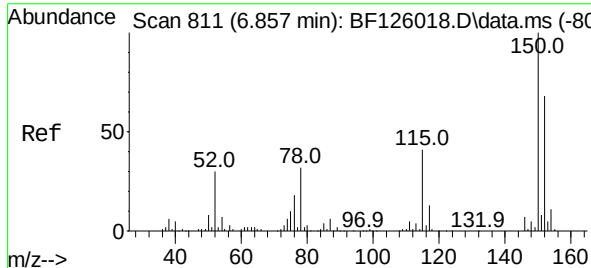
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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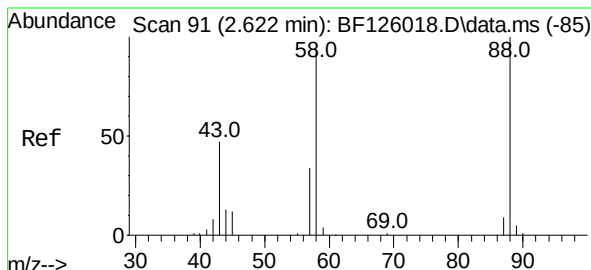
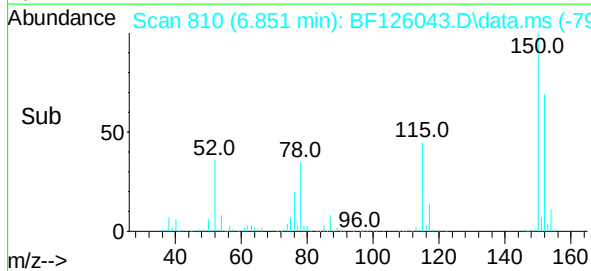
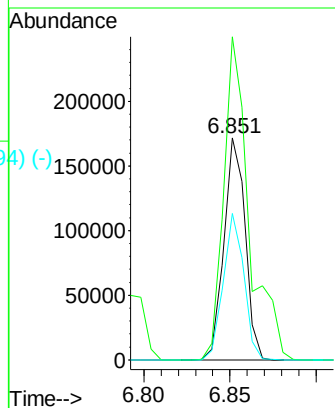
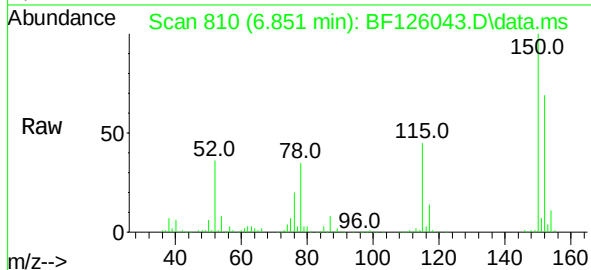




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.851 min Scan# 811
 Delta R.T. -0.006 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

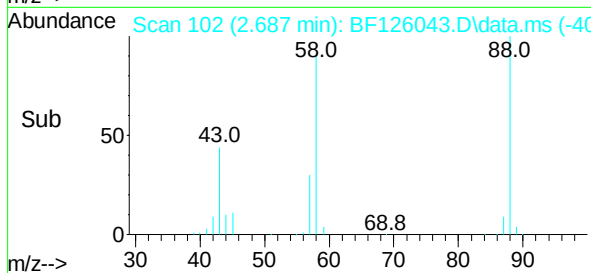
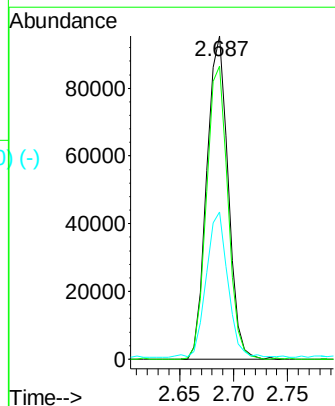
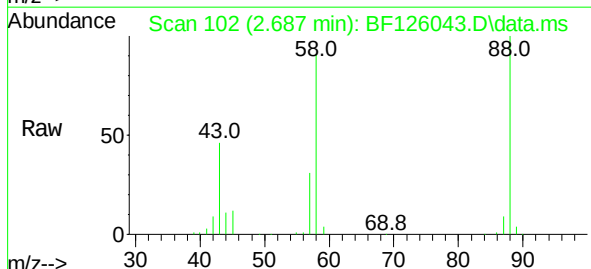
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MS

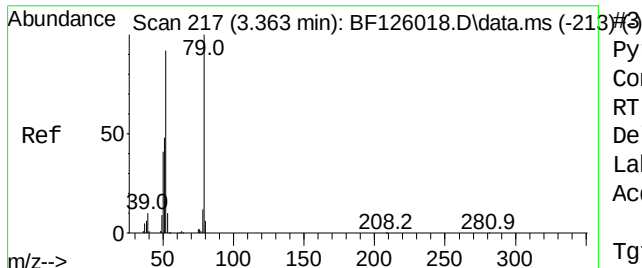
Tgt Ion: 152 Resp: 148550
 Ion Ratio Lower Upper
 152 100
 150 145.5 117.6 176.4
 115 65.9 47.1 70.7



1,4-Dioxane
 Concen: 36.38 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.065 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

Tgt Ion: 88 Resp: 130854
 Ion Ratio Lower Upper
 88 100
 58 90.2 0.0 0.0#
 43 45.1 0.0 0.0#





Pyridine

Concen: 31.08 ng

RT: 3.428 min Scan# 217

Delta R.T. 0.065 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

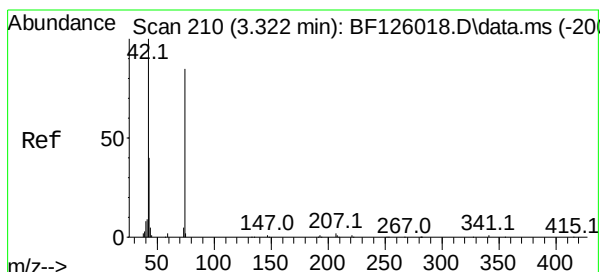
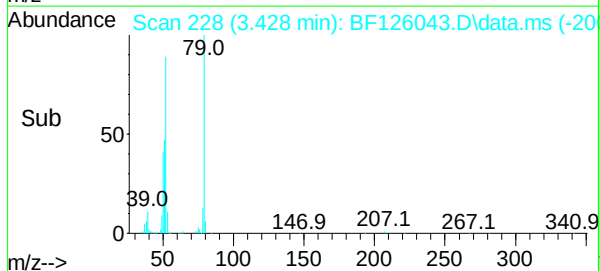
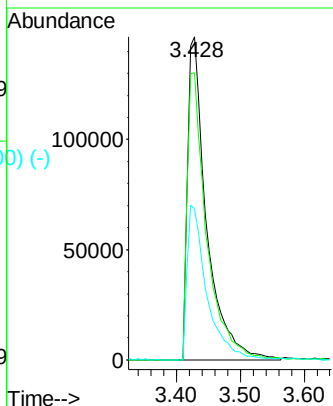
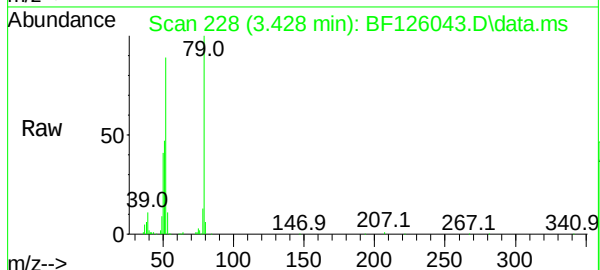
Tgt Ion: 79 Resp: 300827

Ion Ratio Lower Upper

79 100

52 89.0 70.3 105.5

51 46.7 44.1 66.1



n-Nitrosodimethylamine

Concen: 40.77 ng

RT: 3.375 min Scan# 219

Delta R.T. 0.053 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

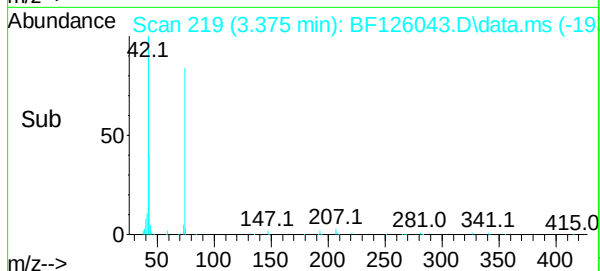
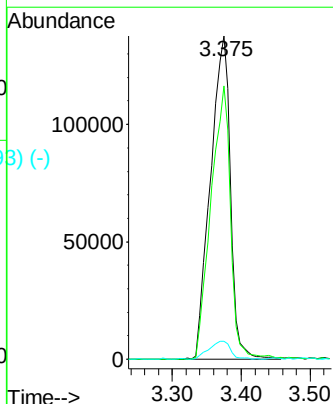
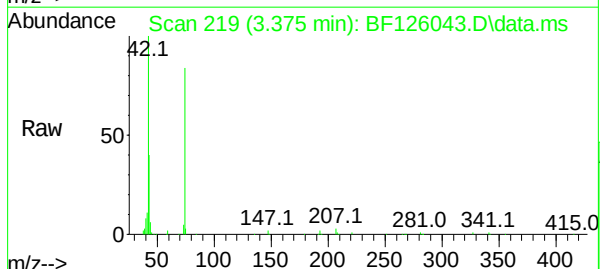
Tgt Ion: 42 Resp: 276731

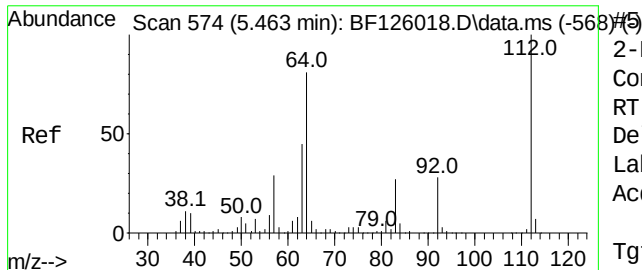
Ion Ratio Lower Upper

42 100

74 84.5 59.0 88.6

44 5.5 0.0 0.0#





2-Fluorophenol

Concen: 91.89 ng

RT: 5.475 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

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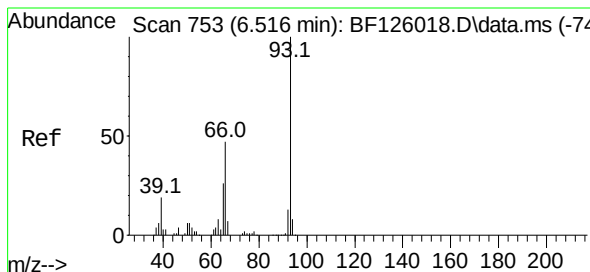
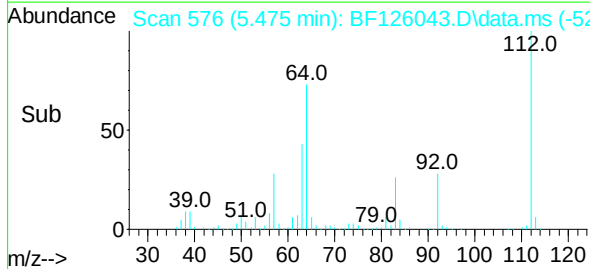
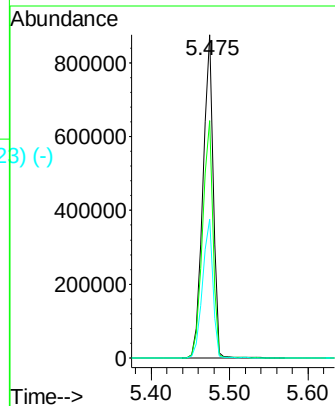
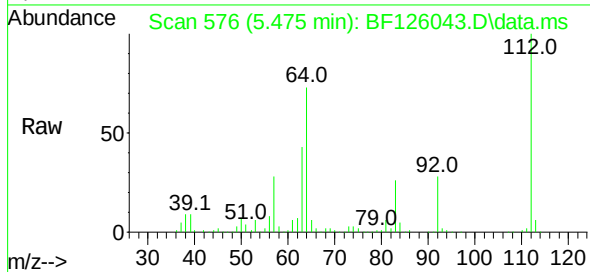
Tgt Ion:112 Resp: 794853

Ion Ratio Lower Upper

112 100

64 73.4 44.2 66.2#

63 43.0 26.2 39.2#



Aniline

Concen: 23.03 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

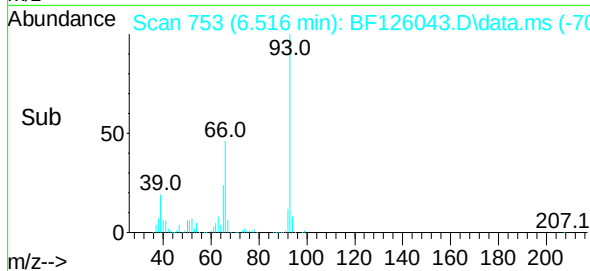
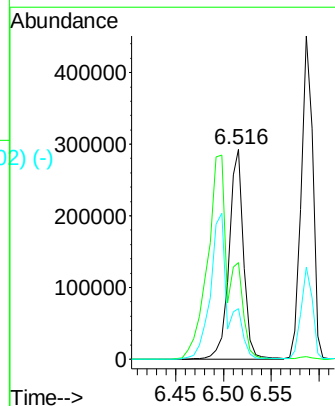
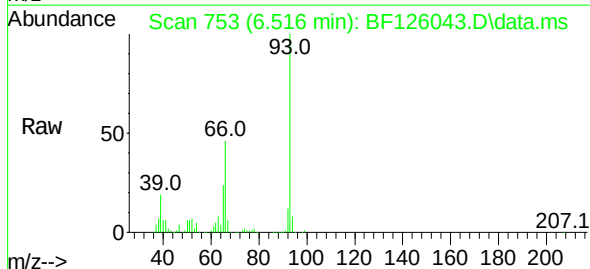
Tgt Ion: 93 Resp: 309652

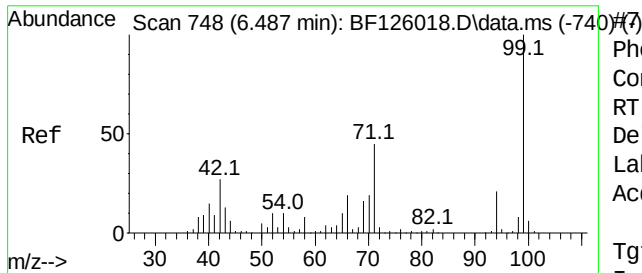
Ion Ratio Lower Upper

93 100

66 46.0 32.7 49.1

65 24.0 14.2 21.4#





Phenol-d6

Concen: 86.36 ng

RT: 6.481 min Scan#

Delta R.T. -0.006 min

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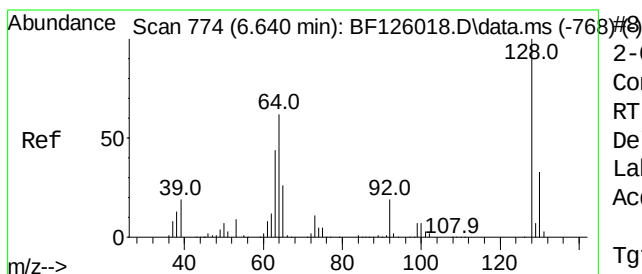
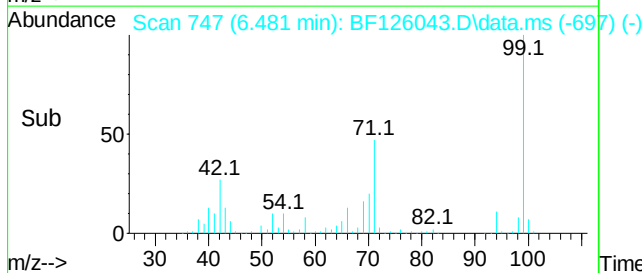
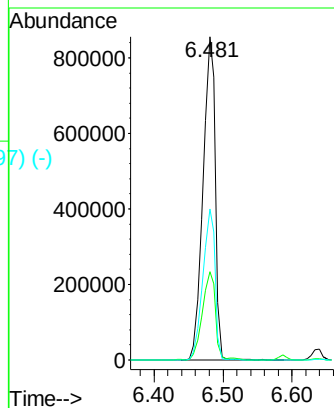
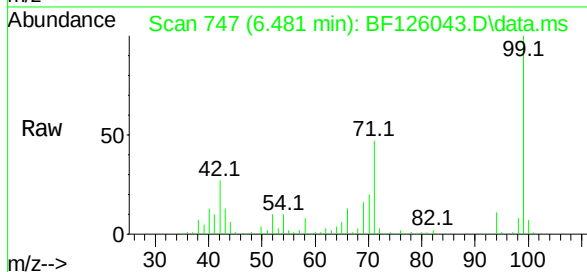
Tgt Ion: 99 Resp: 1053108

Ion Ratio Lower Upper

99 100

42 27.3 23.5 35.3

71 46.6 25.6 38.4#



2-Chlorophenol

Concen: 43.48 ng

RT: 6.639 min Scan# 774

Delta R.T. -0.001 min

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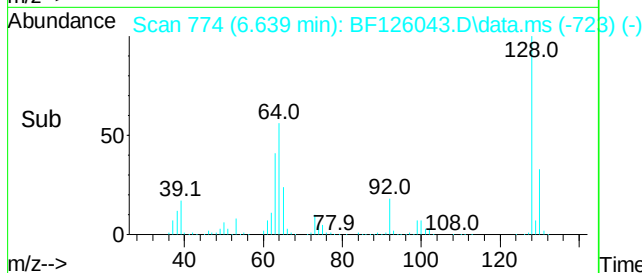
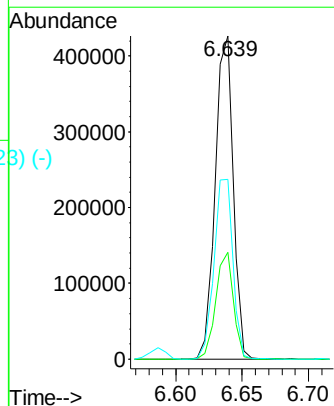
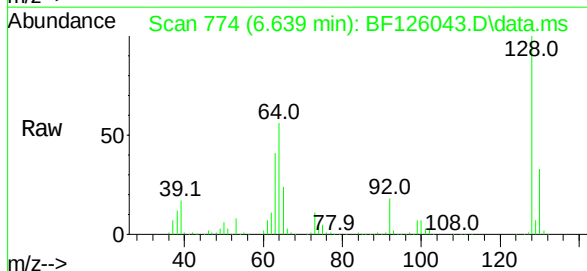
Tgt Ion: 128 Resp: 401915

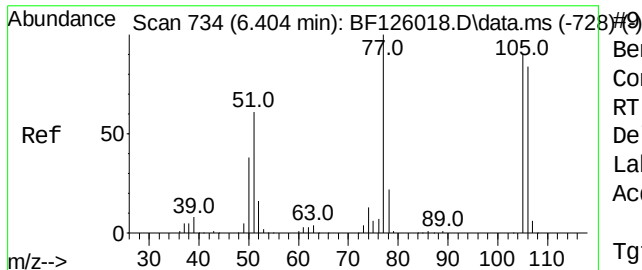
Ion Ratio Lower Upper

128 100

130 33.0 10.5 50.5

64 55.5 20.3 60.3





Benzaldehyde

Concen: 40.54 ng

RT: 6.398 min Scan#

Delta R.T. -0.006 min

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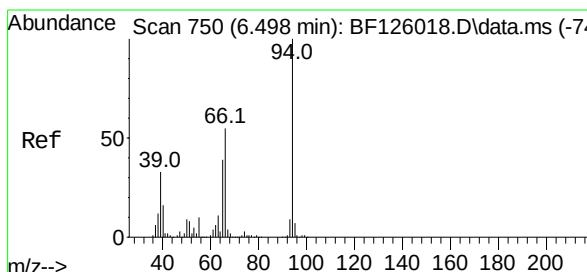
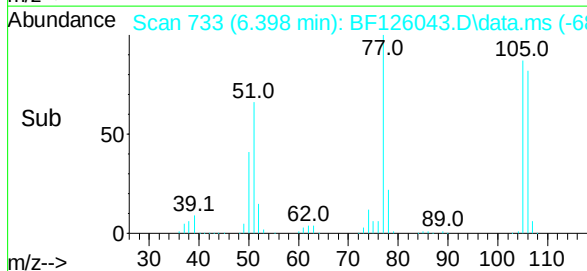
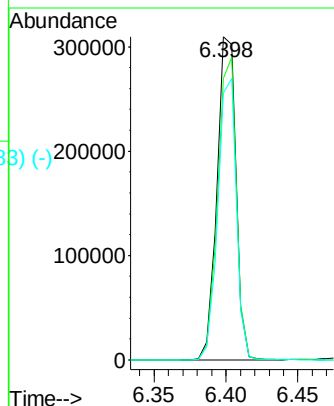
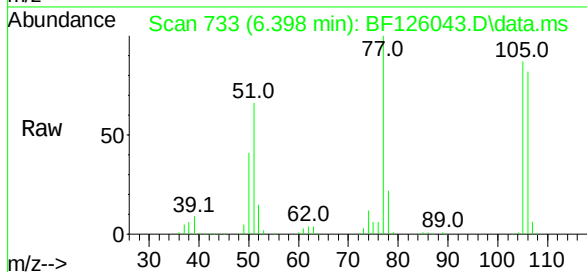
Tgt Ion: 77 Resp: 285057

Ion Ratio Lower Upper

77 100

105 87.1 75.9 115.9

106 82.5 84.0 124.0#



Phenol

Concen: 41.63 ng

RT: 6.498 min Scan# 750

Delta R.T. 0.000 min

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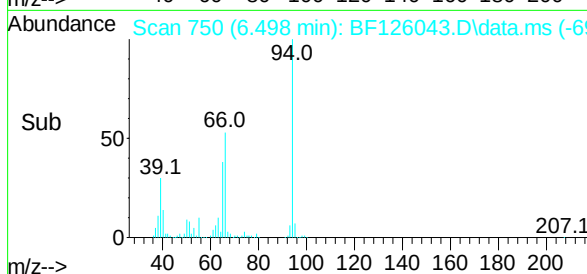
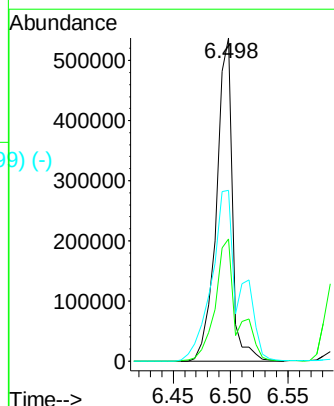
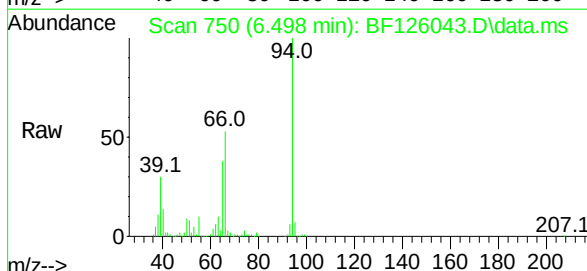
Tgt Ion: 94 Resp: 519026

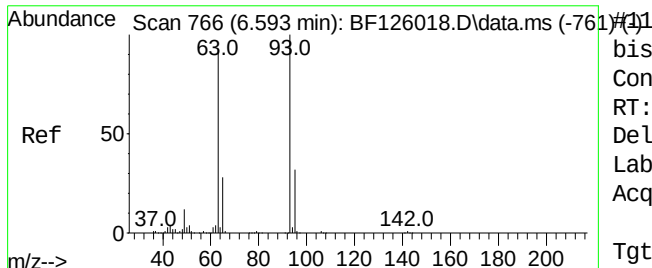
Ion Ratio Lower Upper

94 100

65 37.9 9.3 49.3

66 52.9 20.3 60.3

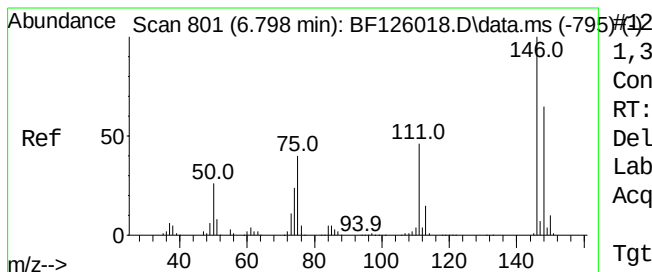
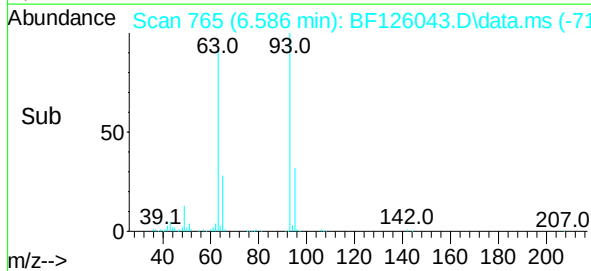
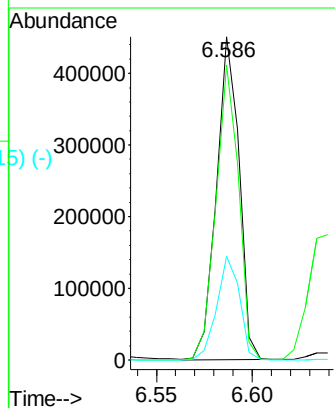
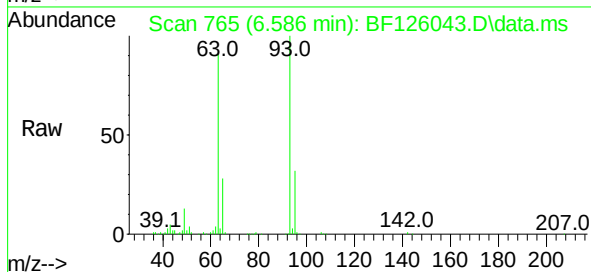




bis(2-Chloroethyl)ether
 Concen: 41.02 ng
 RT: 6.586 min Scan#
 Delta R.T. -0.007 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

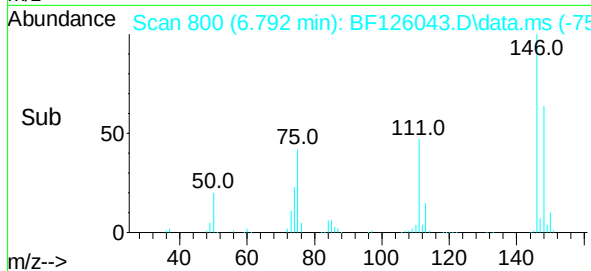
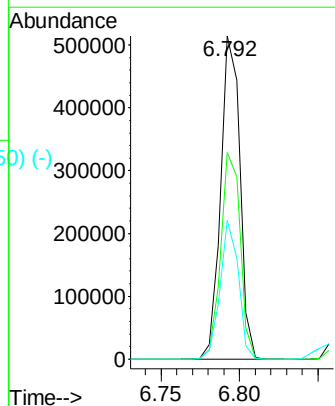
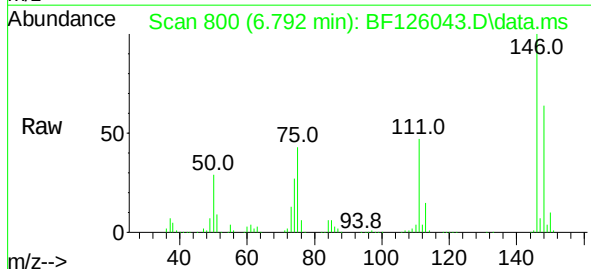
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MS

Tgt Ion:	93	Resp:	372558
Ion	Ratio	Lower	Upper
93	100		
63	91.4	54.4	94.4
95	32.1	11.4	51.4



1,3-Dichlorobenzene
 Concen: 41.66 ng
 RT: 6.792 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

Tgt Ion:	146	Resp:	438539
Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.7	74.5
75	43.0	25.2	37.8#



Abundance Scan 814 (6.875 min): BF126018.D\data.ms (-808) #13

1,4-Dichlorobenzene

Concen: 41.60 ng

RT: 6.869 min Scan# 813

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

Tgt Ion:146 Resp: 446617

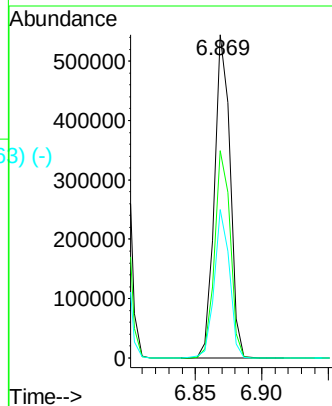
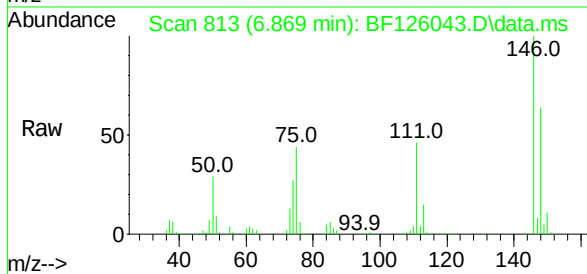
Ion Ratio Lower Upper

146 100

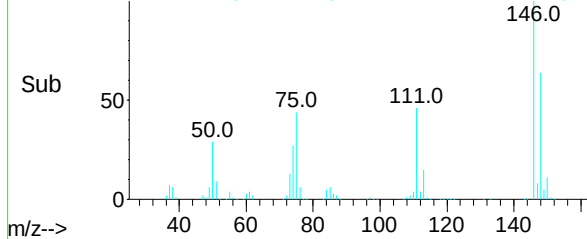
148 64.2 51.9 77.9

111 46.0 31.8 47.6

Abundance Scan 813 (6.869 min): BF126043.D\data.ms



Abundance Scan 813 (6.869 min): BF126043.D\data.ms (-763) (-)



Abundance Scan 840 (7.028 min): BF126018.D\data.ms (-834) #14

1,2-Dichlorobenzene

Concen: 40.95 ng

RT: 7.022 min Scan# 839

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Tgt Ion:146 Resp: 423539

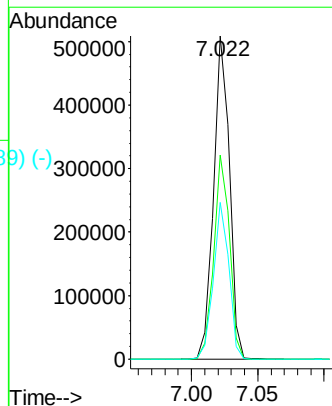
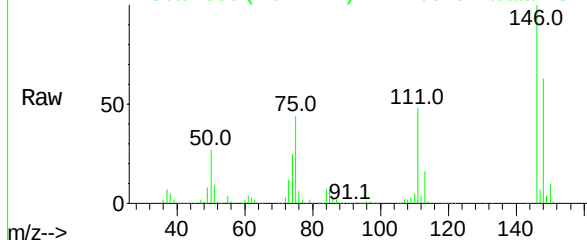
Ion Ratio Lower Upper

146 100

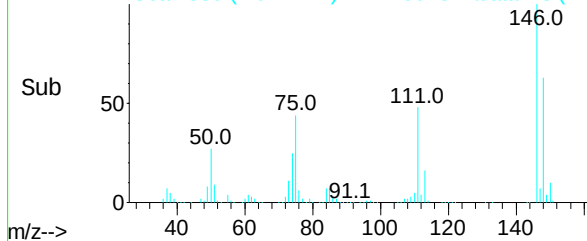
148 63.2 50.6 75.8

111 48.5 33.5 50.3

Abundance Scan 839 (7.022 min): BF126043.D\data.ms



Abundance Scan 839 (7.022 min): BF126043.D\data.ms (-789) (-)



Abundance Scan 835 (6.998 min): BF126018.D\data.ms (-828) #15

Benzyl Alcohol

Concen: 41.54 ng

RT: 6.992 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

Tgt Ion: 79 Resp: 432626

Ion Ratio Lower Upper

79 100

108 62.8 60.4 90.6

77 65.4 51.5 77.3

Abundance Scan 834 (6.992 min): BF126043.D\data.ms

Ref

51.0 79.1 108.1 150.0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance Scan 834 (6.992 min): BF126043.D\data.ms

Raw

51.0 79.1 108.1 207.0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance Scan 834 (6.992 min): BF126043.D\data.ms (-784) (-)

Sub

51.0 79.1 108.1 207.0

m/z-->

40 60 80 100 120 140 160 180 200

Abundance

6.992

300000

200000

100000

0

Time-->

7.00 7.10

Abundance Scan 858 (7.134 min): BF126018.D\data.ms (-849) #16

2,2'-oxybis(1-Chloropropane)

Concen: 40.18 ng

RT: 7.128 min Scan# 857

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Tgt Ion: 45 Resp: 670975

Ion Ratio Lower Upper

45 100

77 13.1 0.0 30.6

79 9.4 0.0 27.5

Abundance Scan 857 (7.128 min): BF126043.D\data.ms

Ref

45.1 77.0 94.9 121.0 155.0

m/z-->

40 60 80 100 120 140 160

Abundance Scan 857 (7.128 min): BF126043.D\data.ms

Raw

45.1 77.0 94.9 121.0 155.0

m/z-->

40 60 80 100 120 140 160

Abundance Scan 857 (7.128 min): BF126043.D\data.ms (-807) (-)

Sub

45.1 77.0 94.9 121.0 155.0

m/z-->

40 60 80 100 120 140 160

Abundance

7.128

500000

400000

300000

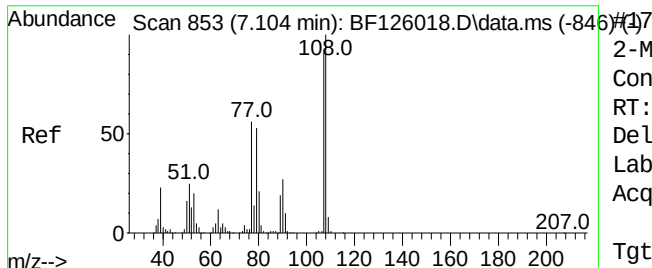
200000

100000

0

Time-->

7.05 7.10 7.15 7.20



2-Methylphenol

Concen: 42.07 ng

RT: 7.104 min Scan# 853

Delta R.T. 0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

Tgt Ion:107 Resp: 330942

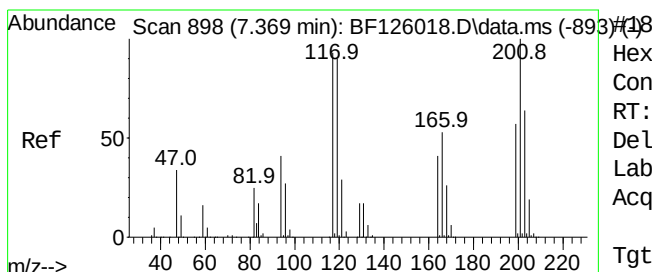
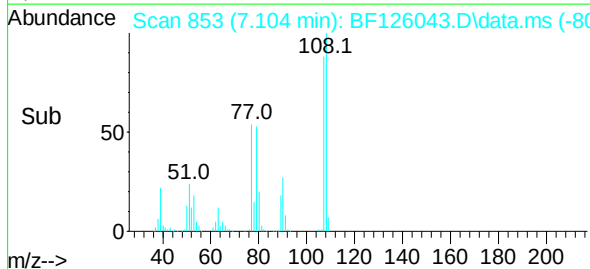
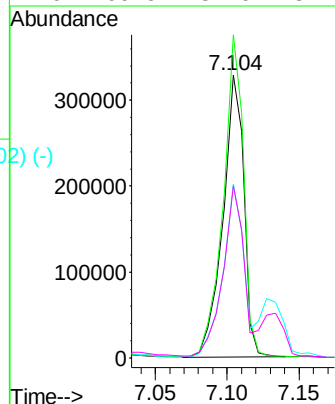
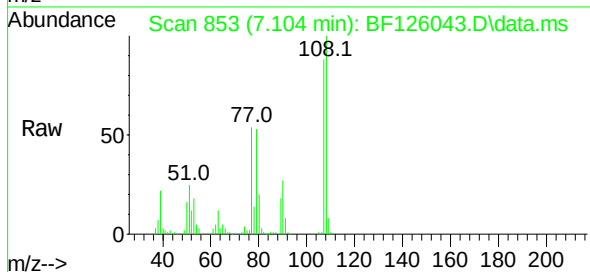
Ion Ratio Lower Upper

107 100

108 114.2 90.6 135.8

77 61.4 35.7 53.5#

79 60.9 34.0 51.0#



Hexachloroethane

Concen: 44.01 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

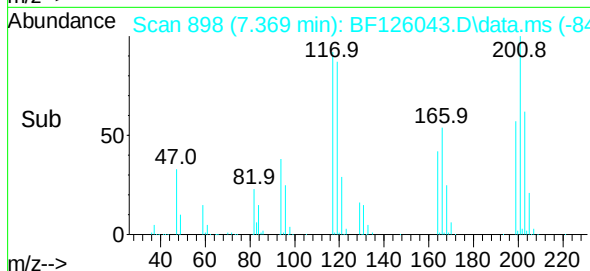
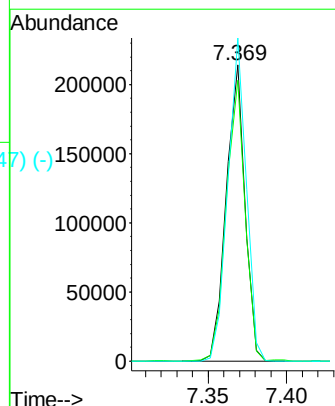
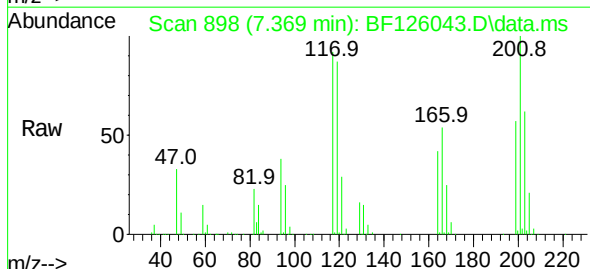
Tgt Ion:117 Resp: 177511

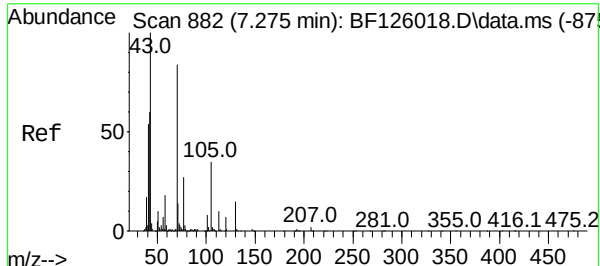
Ion Ratio Lower Upper

117 100

119 94.9 73.4 110.2

201 109.1 64.9 97.3#

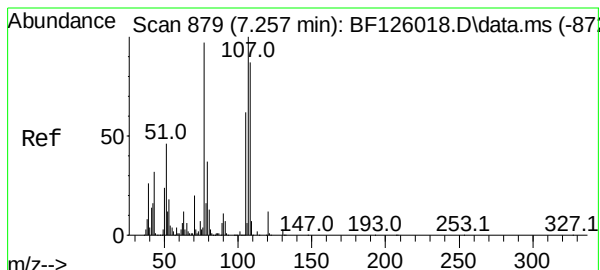
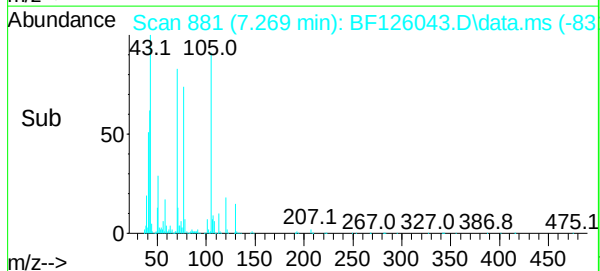
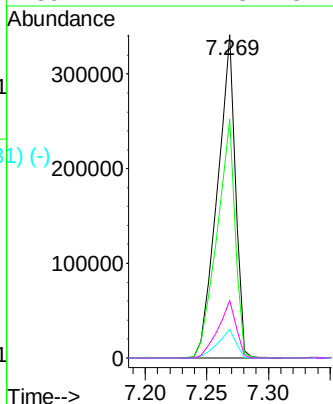
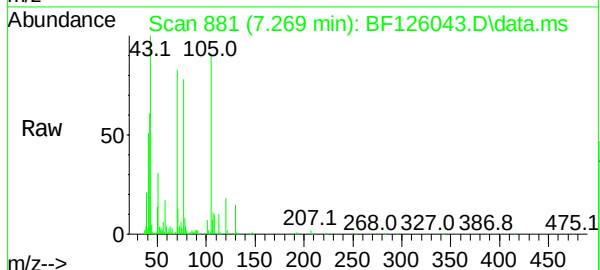




#19
n-Nitroso-di-n-propylamine
Concen: 43.41 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

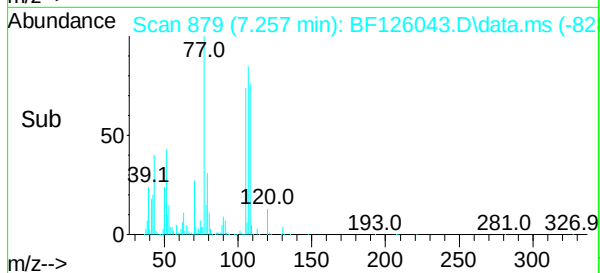
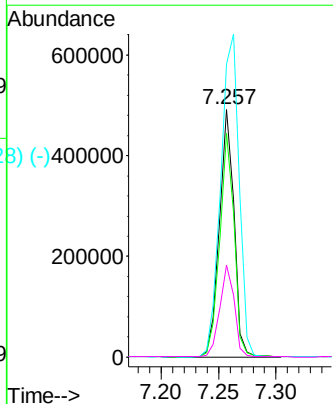
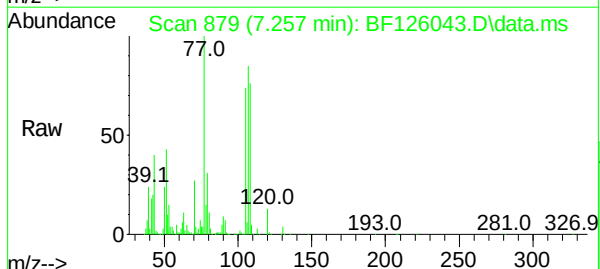
Instrument :
BNA_F
ClientSampleId :
VNJ-224MS

Tgt Ion:	70	Resp:	348986
Ion	Ratio	Lower	Upper
70	100		
42	73.9	72.2	108.2
101	8.8	7.8	11.8
130	17.7	21.8	32.6#

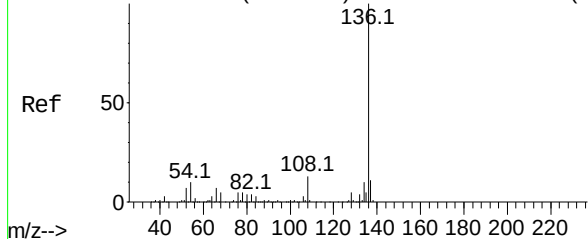


#20
3+4-Methylphenols
Concen: 41.25 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

Tgt Ion:	107	Resp:	438742
Ion	Ratio	Lower	Upper
107	100		
108	90.3	76.6	116.6
77	118.3	53.3	93.3#
79	37.1	8.7	48.7



Abundance Scan 1029 (8.139 min): BF126018.D\data.ms (-1029)



Naphthalene-d8

Concen: 20.00 ng

RT: 8.133 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

Tgt Ion:136 Resp: 530704

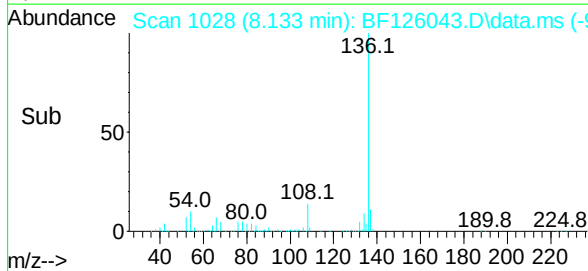
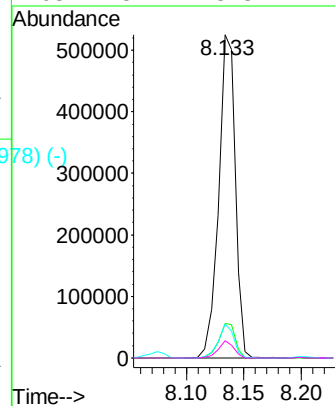
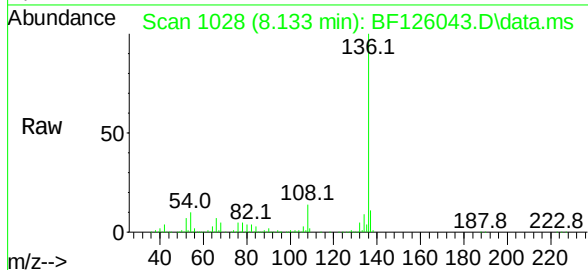
Ion Ratio Lower Upper

136 100

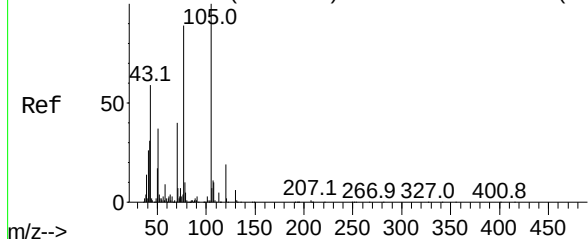
137 10.7 9.8 14.6

54 10.4 6.4 9.6#

68 5.4 3.3 4.9#



Abundance Scan 881 (7.269 min): BF126018.D\data.ms (-874) (-)



Acetophenone

Concen: 41.19 ng

RT: 7.263 min Scan# 880

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Tgt Ion:105 Resp: 631417

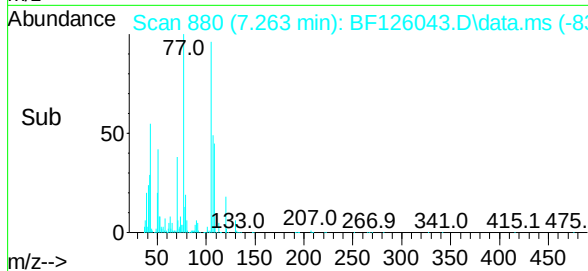
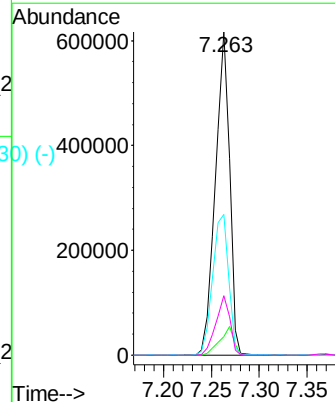
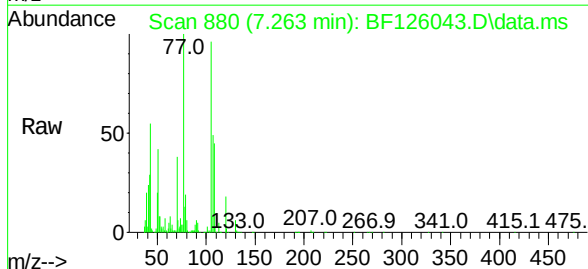
Ion Ratio Lower Upper

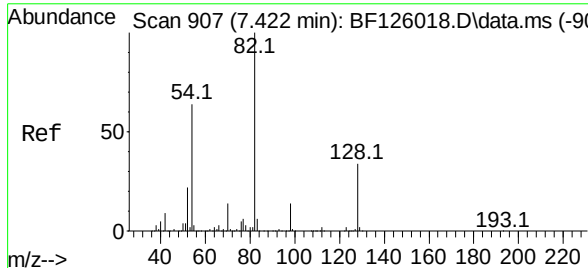
105 100

71 5.8 5.5 8.3

51 43.5 26.0 39.0#

120 18.4 18.5 27.7#

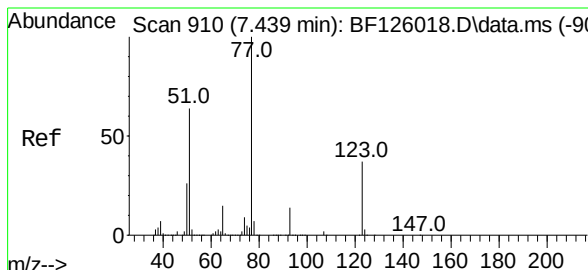
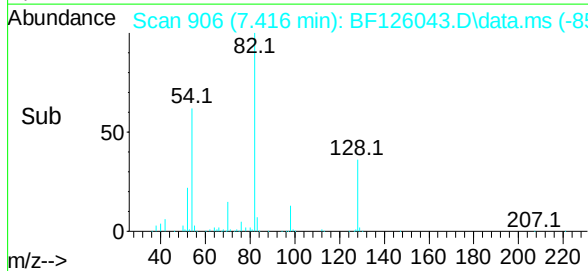
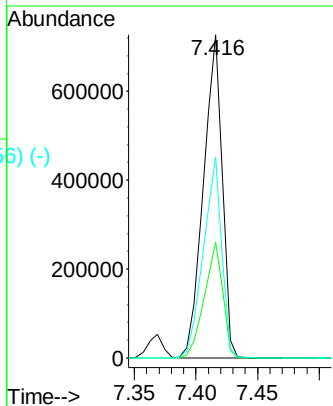
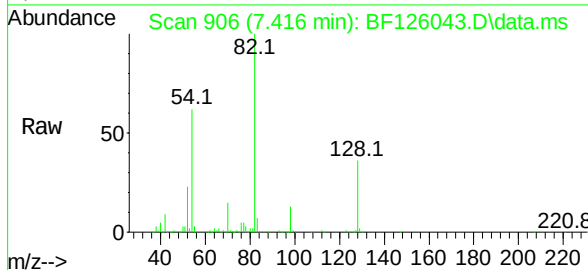




Nitrobenzene-d5
 Concen: 68.56 ng
 RT: 7.416 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

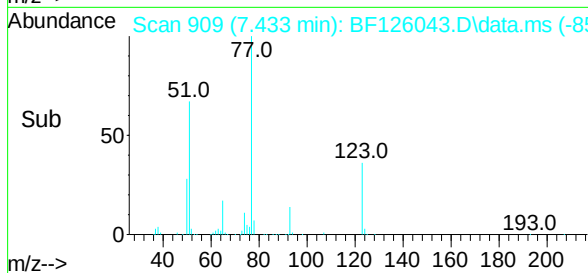
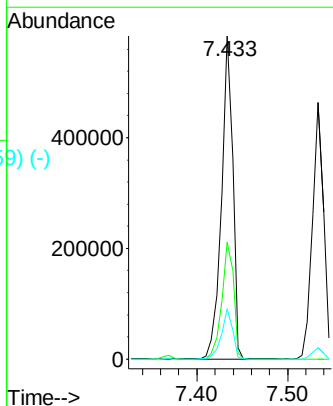
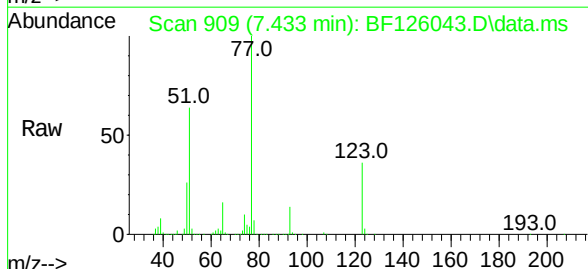
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MS

Tgt Ion:	82	Resp:	771490
Ion	Ratio	Lower	Upper
82	100		
128	35.8	40.6	60.8#
54	62.1	49.6	74.4



Nitrobenzene
 Concen: 45.36 ng
 RT: 7.433 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

Tgt Ion:	77	Resp:	505538
Ion	Ratio	Lower	Upper
77	100		
123	36.2	42.3	63.5#
65	15.7	12.4	18.6



Abundance Scan 951 (7.681 min): BF126018.D\data.ms (-944)#25

Isophorone

Concen: 42.54 ng

RT: 7.675 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

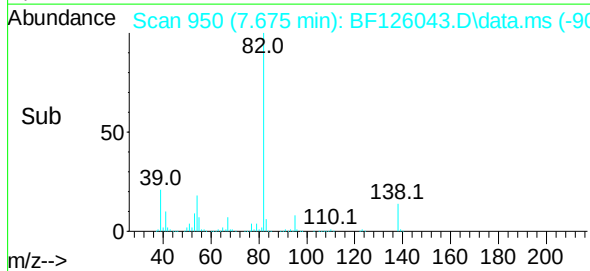
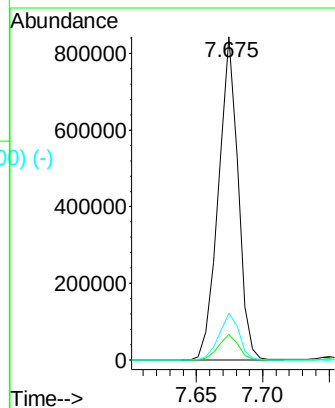
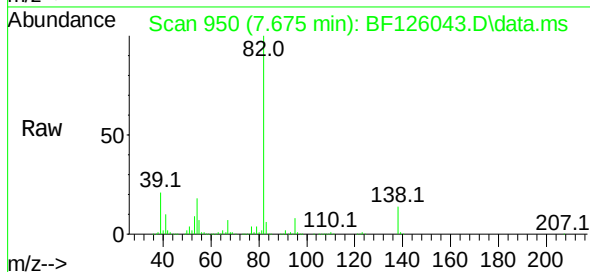
Tgt Ion: 82 Resp: 861853

Ion Ratio Lower Upper

82 100

95 8.0 6.5 9.7

138 14.4 18.4 27.6#



Abundance Scan 963 (7.751 min): BF126018.D\data.ms (-957)#26

2-Nitrophenol

Concen: 49.61 ng

RT: 7.751 min Scan# 963

Delta R.T. 0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

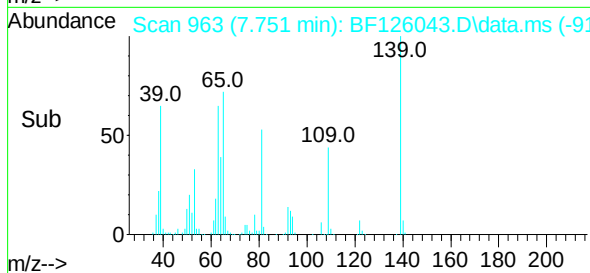
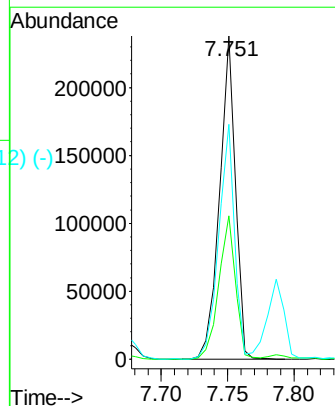
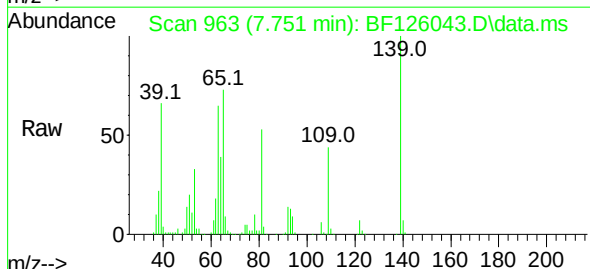
Tgt Ion:139 Resp: 196300

Ion Ratio Lower Upper

139 100

109 44.4 26.0 39.0#

65 72.7 31.0 46.4#



Abundance Scan 969 (7.787 min): BF126018.D\data.ms (-965) #27

2,4-Dimethylphenol

Concen: 47.98 ng

RT: 7.786 min Scan# 969

Delta R.T. -0.001 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

Tgt Ion:122 Resp: 354422

Ion Ratio Lower Upper

122 100

107 137.8 85.0 127.6#

121 59.6 43.3 64.9

Abundance Scan 969 (7.786 min): BF126043.D\data.ms

Ref

51.0 77.0 107.0 192.9

m/z-->

Abundance Scan 969 (7.786 min): BF126043.D\data.ms

Raw

39.0 77.1 107.0

m/z-->

Abundance Scan 969 (7.786 min): BF126043.D\data.ms (-918) (-)

Sub

39.0 77.0 107.0

m/z-->

Abundance

500000

400000

300000

200000

100000

0

Time-->

7.75 7.80

Abundance Scan 986 (7.887 min): BF126018.D\data.ms (-977) #28

bis(2-Chloroethoxy)methane

Concen: 40.55 ng

RT: 7.886 min Scan# 986

Delta R.T. -0.001 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Tgt Ion: 93 Resp: 484449

Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 10.8 11.7 17.5#

Abundance Scan 986 (7.886 min): BF126043.D\data.ms

Ref

44.0 63.0 93.0 123.0 145.0 171.0

m/z-->

Abundance Scan 986 (7.886 min): BF126043.D\data.ms

Raw

44.1 63.0 93.0 123.0 143.0 171.0

m/z-->

Abundance Scan 986 (7.886 min): BF126043.D\data.ms (-935) (-)

Sub

44.1 63.0 93.0 123.0 143.0 171.0

m/z-->

Abundance

500000

400000

300000

200000

100000

0

Time-->

7.80 7.90

Abundance Scan 1004 (7.992 min): BF126018.D\data.ms (-99849)

2,4-Dichlorophenol

Concen: 43.54 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

Tgt Ion:162 Resp: 363002

Ion Ratio Lower Upper

162 100

164 63.9 44.5 84.5

98 38.1 13.0 53.0

Abundance Scan 1004 (7.992 min): BF126043.D\data.ms

Ref

63.0 98.0 126.0 162.0

37.0 190.9

m/z-->

Abundance

Raw

63.0 98.0 126.0 162.0

37.0 190.9

m/z-->

Abundance Scan 1004 (7.992 min): BF126043.D\data.ms (-953) (-)

Sub

63.0 98.0 126.0 162.0

37.0 190.9

m/z-->

Abundance

7.992

400000

300000

200000

100000

0

Time-->

7.95 8.00 8.05

Abundance Scan 1019 (8.081 min): BF126018.D\data.ms (-10129)

1,2,4-Trichlorobenzene

Concen: 41.56 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Tgt Ion:180 Resp: 422570

Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

145 31.6 26.7 40.1

Abundance Scan 1018 (8.075 min): BF126043.D\data.ms

Ref

74.0 109.0 145.0 179.9

50.0 207.0

m/z-->

Abundance

Raw

74.0 109.0 145.0 179.9

50.0 207.0

m/z-->

Abundance Scan 1018 (8.075 min): BF126043.D\data.ms (-968) (-)

Sub

74.0 109.0 145.0 179.9

50.0 207.0

m/z-->

Abundance

8.075

400000

300000

200000

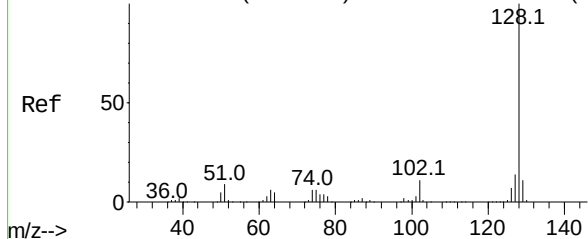
100000

0

Time-->

8.05 8.10

Abundance Scan 1033 (8.163 min): BF126018.D\data.ms (-10261-)



Naphthalene

Concen: 42.44 ng

RT: 8.157 min Scan#

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

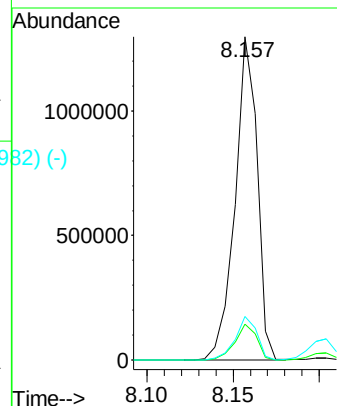
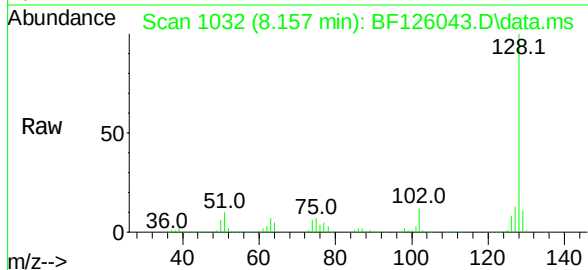
Tgt Ion:128 Resp: 1166709

Ion Ratio Lower Upper

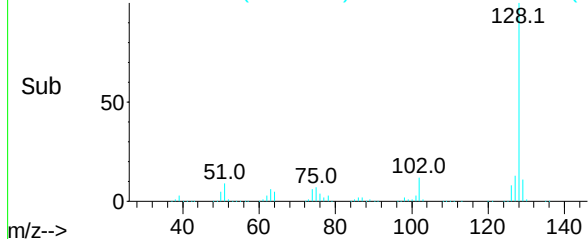
128 100

129 11.0 9.4 14.0

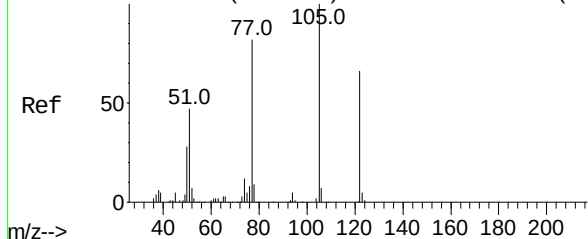
127 13.4 10.9 16.3



Abundance Scan 1032 (8.157 min): BF126043.D\data.ms (-982) (-)



Abundance Scan 991 (7.916 min): BF126018.D\data.ms (-974#32)



Benzoic acid

Concen: 47.11 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

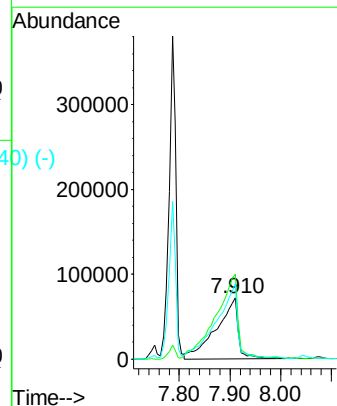
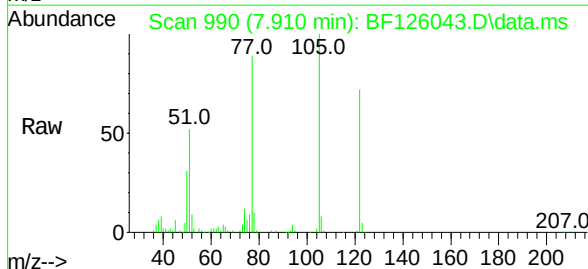
Tgt Ion:122 Resp: 214923

Ion Ratio Lower Upper

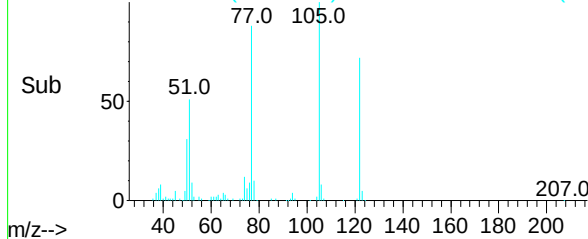
122 100

105 139.0 97.6 137.6#

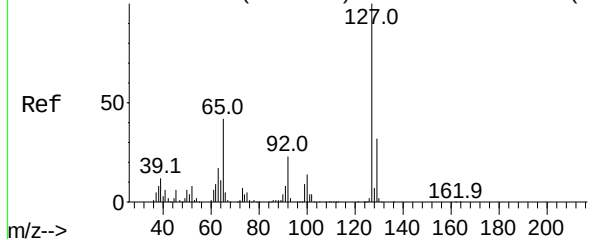
77 123.4 59.6 99.6#



Abundance Scan 990 (7.910 min): BF126043.D\data.ms (-940) (-)



Abundance Scan 1040 (8.204 min): BF126018.D\data.ms (-1033)



4-Chloroaniline

Concen: 8.66 ng

RT: 8.204 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

Tgt Ion:127 Resp: 95138

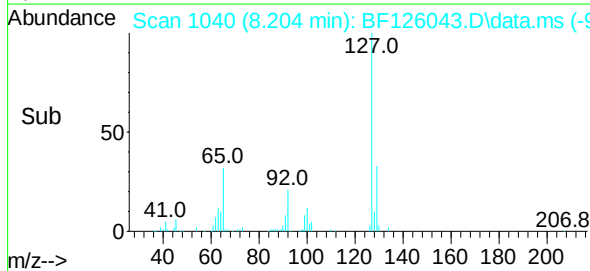
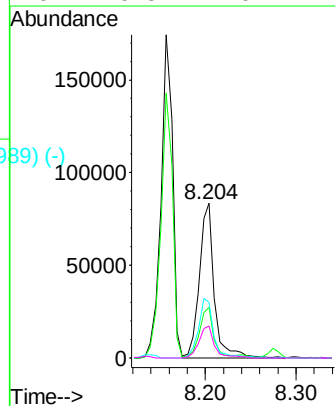
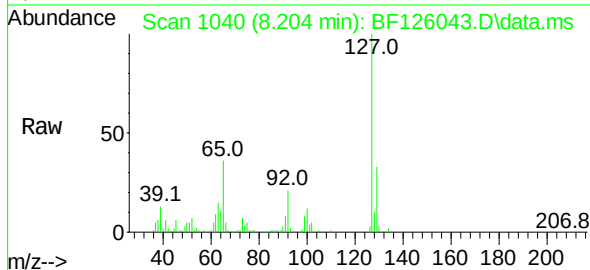
Ion Ratio Lower Upper

127 100

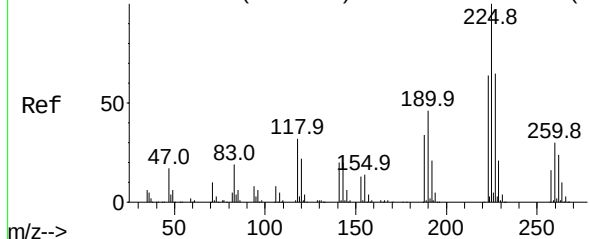
129 32.7 25.7 38.5

65 36.0 21.2 31.8#

92 20.5 14.0 21.0



Abundance Scan 1053 (8.281 min): BF126018.D\data.ms (-1034)



Hexachlorobutadiene

Concen: 42.23 ng

RT: 8.280 min Scan# 1053

Delta R.T. -0.001 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

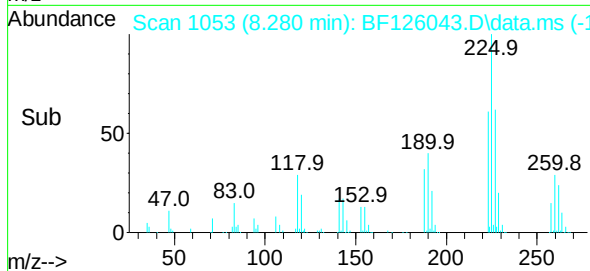
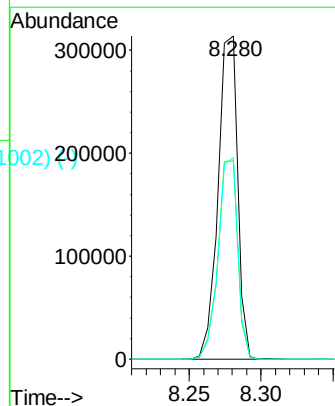
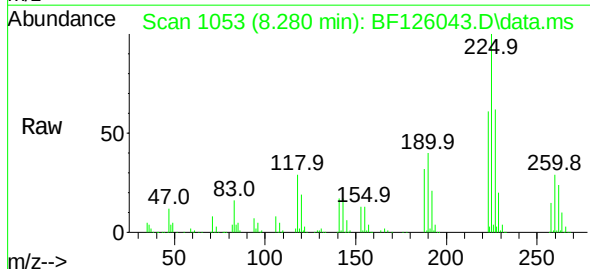
Tgt Ion:225 Resp: 295558

Ion Ratio Lower Upper

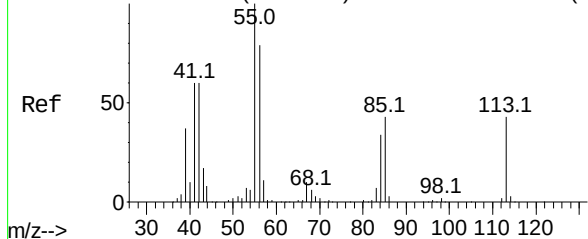
225 100

223 61.4 50.6 76.0

227 62.4 50.6 75.8



Abundance Scan 1104 (8.581 min): BF126018.D\data.ms (-1095)



Caprolactam

Concen: 27.44 ng

RT: 8.575 min Scan#

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

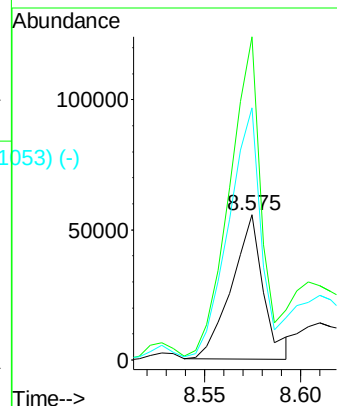
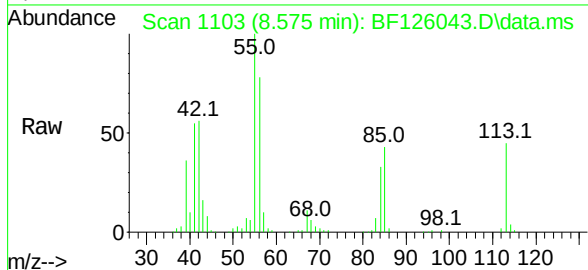
Tgt Ion:113 Resp: 63704

Ion Ratio Lower Upper

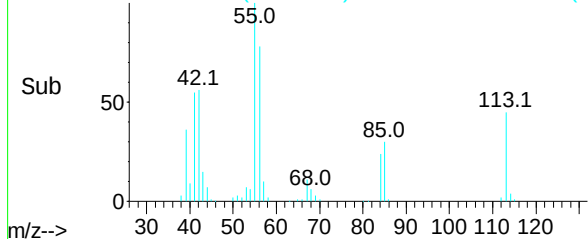
113 100

55 223.0 154.1 194.1#

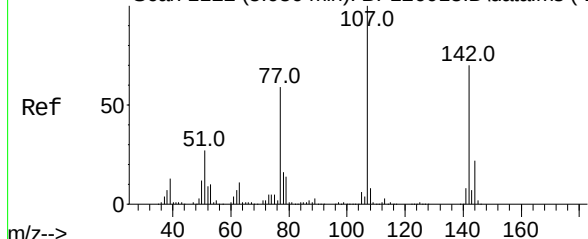
56 174.2 108.7 148.7#



Abundance Scan 1103 (8.575 min): BF126043.D\data.ms (-1053) (-)



Abundance Scan 1122 (8.686 min): BF126018.D\data.ms (-1149)



4-Chloro-3-methylphenol

Concen: 43.21 ng

RT: 8.686 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

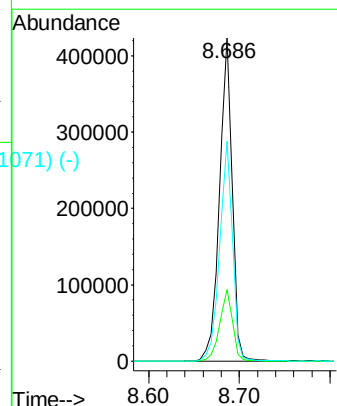
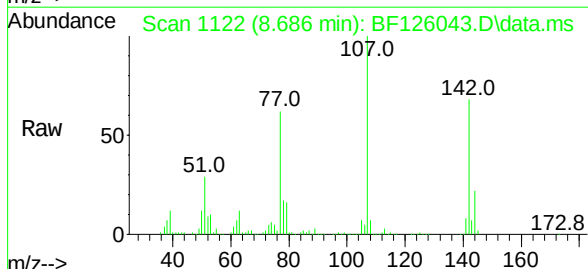
Tgt Ion:107 Resp: 415484

Ion Ratio Lower Upper

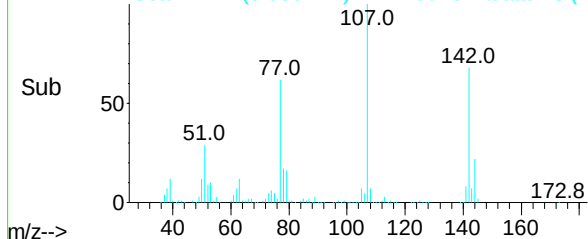
107 100

144 22.2 21.9 32.9

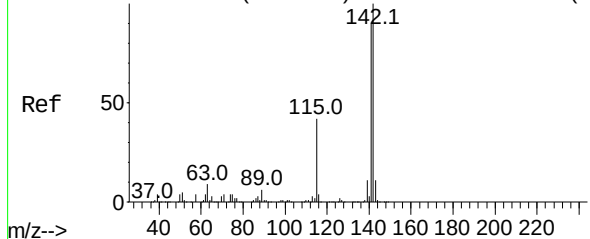
142 68.2 67.1 100.7



Abundance Scan 1122 (8.686 min): BF126043.D\data.ms (-1071) (-)



Abundance Scan 1150 (8.851 min): BF126018.D\data.ms (-11437)



2-Methylnaphthalene

Concen: 44.46 ng

RT: 8.851 min Scan#

Delta R.T. 0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

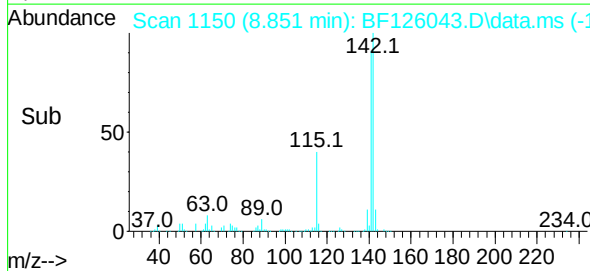
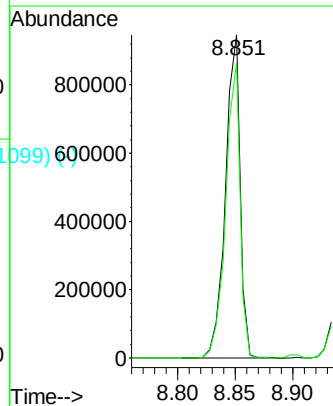
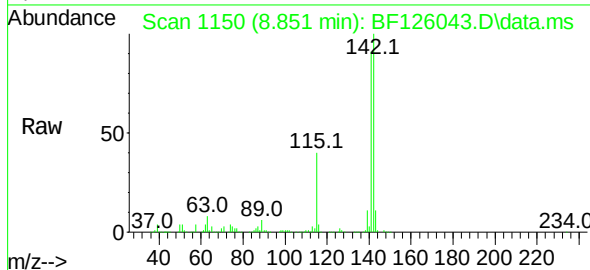
VNJ-224MS

Tgt Ion:142 Resp: 844039

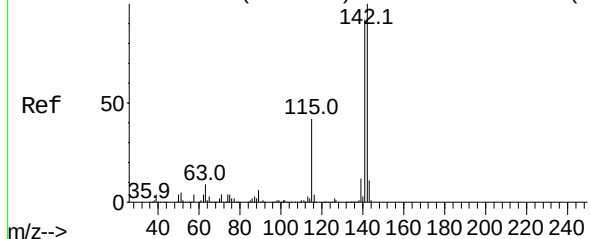
Ion Ratio Lower Upper

142 100

141 91.4 71.2 106.8



Abundance Scan 1167 (8.951 min): BF126018.D\data.ms (-11638)



1-Methylnaphthalene

Concen: 41.87 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF126043.D

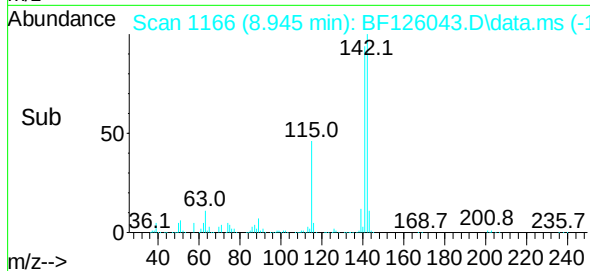
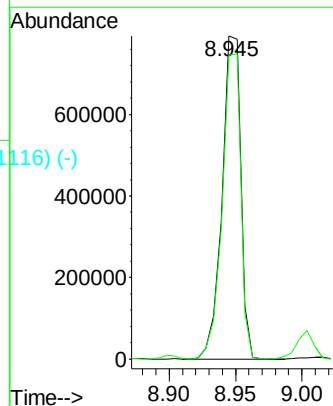
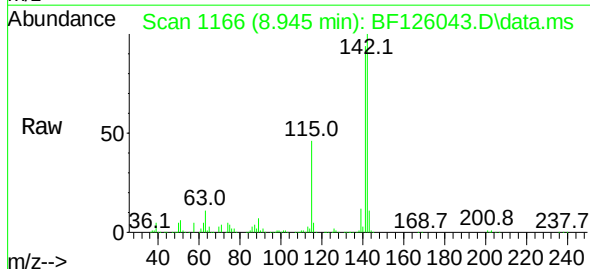
Acq: 4 Nov 2021 13:48

Tgt Ion:142 Resp: 769929

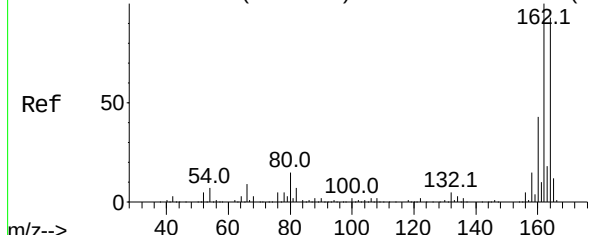
Ion Ratio Lower Upper

142 100

141 94.0 76.0 114.0



Abundance Scan 1327 (9.892 min): BF126018.D\data.ms (-1327) (-)



Acenaphthene-d10

Concen: 20.00 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

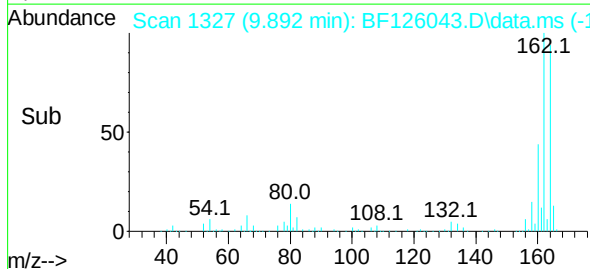
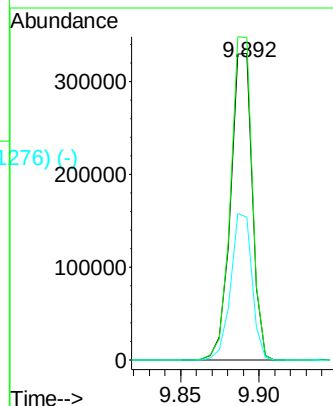
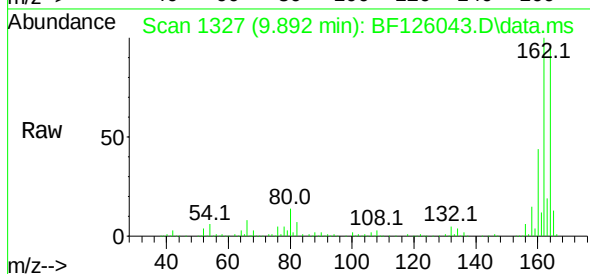
Tgt Ion:164 Resp: 314994

Ion Ratio Lower Upper

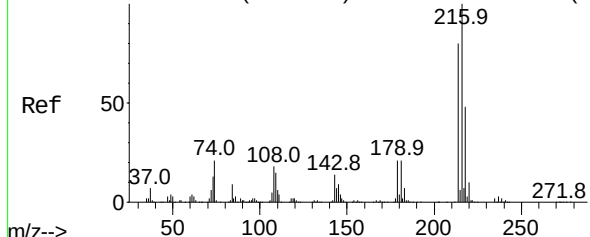
164 100

162 105.2 81.3 121.9

160 46.6 38.0 57.0



Abundance Scan 1178 (9.016 min): BF126018.D\data.ms (-1178) (-)



1,2,4,5-Tetrachlorobenzene

Concen: 42.43 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Tgt Ion:216 Resp: 447937

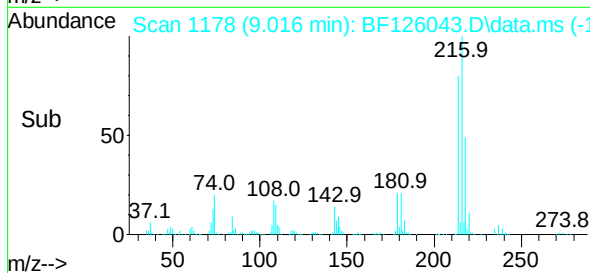
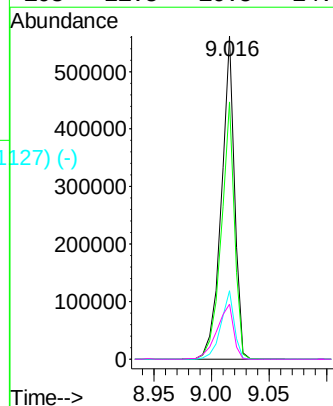
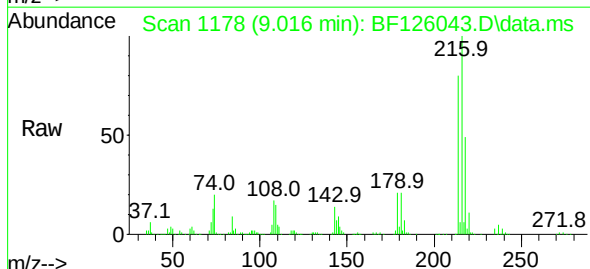
Ion Ratio Lower Upper

216 100

214 79.7 64.9 97.3

179 21.2 17.4 26.2

108 21.5 16.5 24.7



Abundance Scan 1176 (9.004 min): BF126018.D\data.ms (-11761-)

Hexachlorocyclopentadiene

Concen: 86.53 ng

RT: 9.004 min Scan#

Delta R.T. -0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

Tgt Ion:237 Resp: 474612

Ion Ratio Lower Upper

237 100

235 64.0 44.7 84.7

272 12.0 0.0 31.6

Abundance Scan 1176 (9.004 min): BF126043.D\data.ms

Ref

60.0 95.0 129.9 166.9 202.8 236.9 271.8

m/z-->

Abundance

Raw

60.0 95.0 129.9 164.9 202.9 236.8 271.8

m/z-->

Abundance Scan 1176 (9.004 min): BF126043.D\data.ms (-1125) (-)

Sub

60.0 95.0 129.9 166.9 202.9 236.8 271.8

m/z-->

Abundance

9.004

500000

400000

300000

200000

100000

0

Time-->

8.95 9.00 9.05

Abundance Scan 1461 (10.680 min): BF126018.D\data.ms (-1461-)

2,4,6-Tribromophenol

Concen: 101.82 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Tgt Ion:330 Resp: 367568

Ion Ratio Lower Upper

330 100

332 94.9 76.2 114.4

141 38.2 44.6 66.8#

Abundance Scan 1460 (10.674 min): BF126043.D\data.ms

Ref

62.0 140.9 221.8 329.8

m/z-->

Abundance

Raw

62.0 140.9 221.8 329.8

m/z-->

Abundance Scan 1460 (10.674 min): BF126043.D\data.ms (-1410) (-)

Sub

62.0 140.9 221.8 329.8

m/z-->

Abundance

10.674

400000

300000

200000

100000

0

Time-->

10.60 10.70

Abundance Scan 1196 (9.122 min): BF126018.D\data.ms (-11964)

2,4,6-Trichlorophenol

Concen: 44.94 ng

RT: 9.127 min Scan# 1196

Delta R.T. 0.005 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

Tgt Ion:196 Resp: 287249

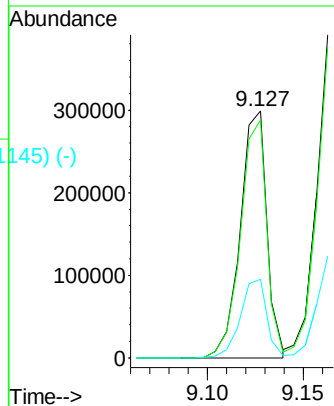
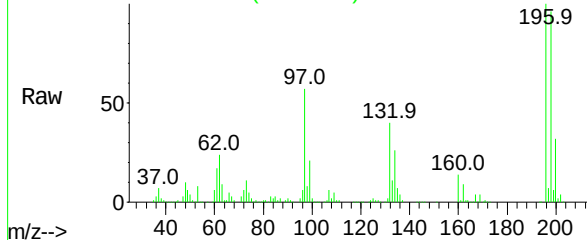
Ion Ratio Lower Upper

196 100

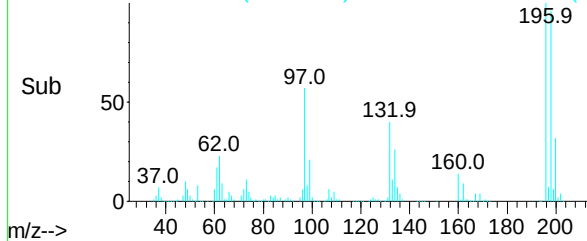
198 96.3 74.9 112.3

200 31.8 27.0 40.4

Abundance Scan 1197 (9.127 min): BF126043.D\data.ms



Abundance Scan 1197 (9.127 min): BF126043.D\data.ms (-1145) (-)



Abundance Scan 1203 (9.163 min): BF126018.D\data.ms (-11964)

2,4,5-Trichlorophenol

Concen: 44.75 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Tgt Ion:196 Resp: 309071

Ion Ratio Lower Upper

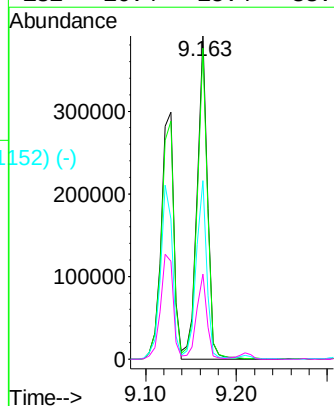
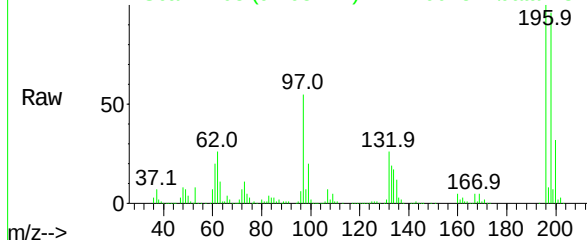
196 100

198 96.2 80.2 120.2

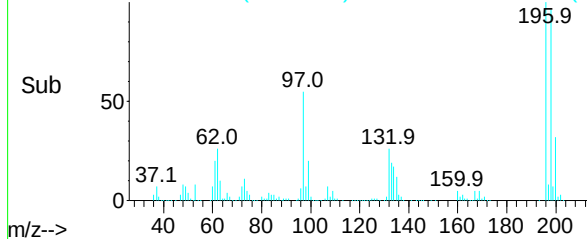
97 55.2 44.0 66.0

132 26.4 25.4 38.0

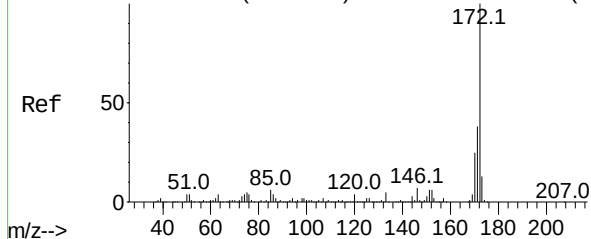
Abundance Scan 1203 (9.163 min): BF126043.D\data.ms



Abundance Scan 1203 (9.163 min): BF126043.D\data.ms (-1152) (-)



Abundance Scan 1212 (9.216 min): BF126018.D\data.ms (-12651)



2-Fluorobiphenyl

Concen: 63.63 ng

RT: 9.210 min Scan#

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

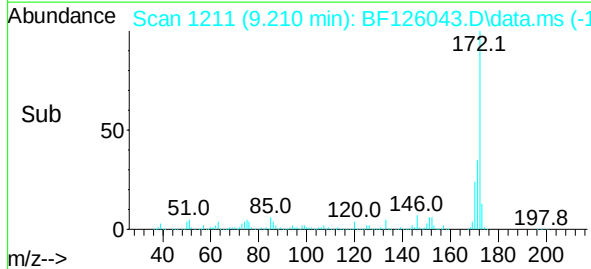
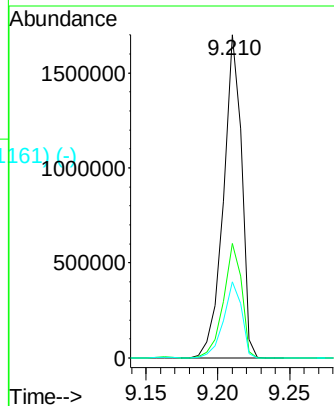
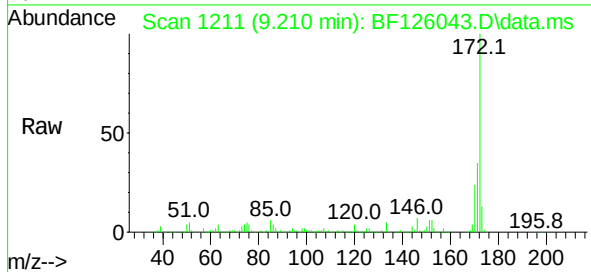
Tgt Ion:172 Resp: 1483255

Ion Ratio Lower Upper

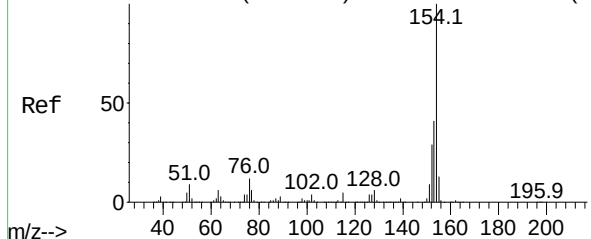
172 100

171 35.4 26.5 39.7

170 23.6 18.8 28.2



Abundance Scan 1229 (9.316 min): BF126018.D\data.ms (-12746)



1,1'-Biphenyl

Concen: 42.11 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

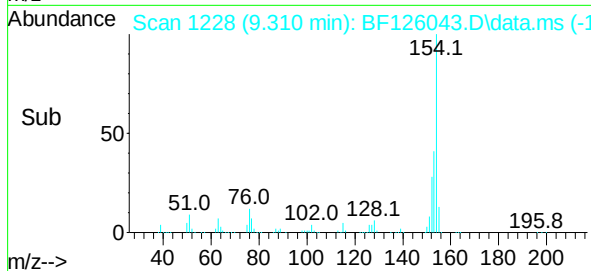
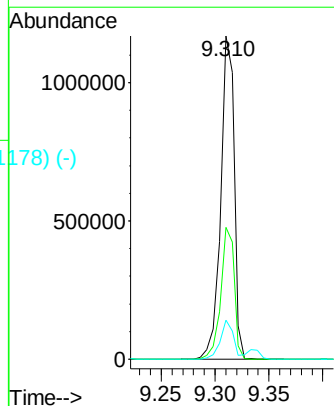
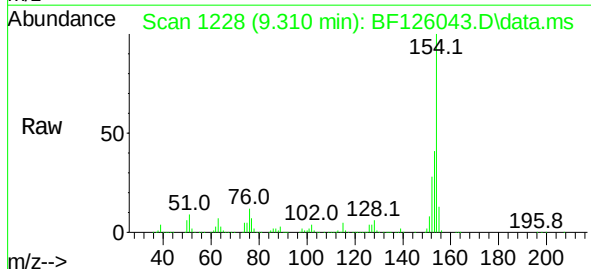
Tgt Ion:154 Resp: 1025238

Ion Ratio Lower Upper

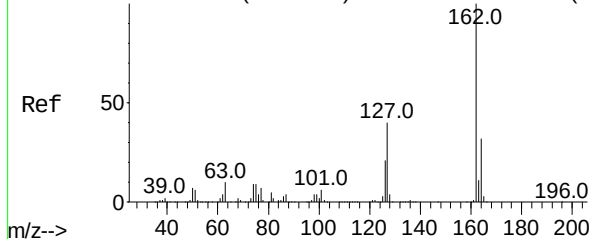
154 100

153 40.7 20.0 60.0

76 12.0 0.0 30.3



Abundance Scan 1233 (9.339 min): BF126018.D\data.ms (-12517)



2-Chloronaphthalene

Concen: 42.70 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

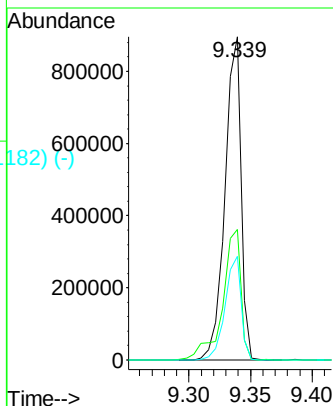
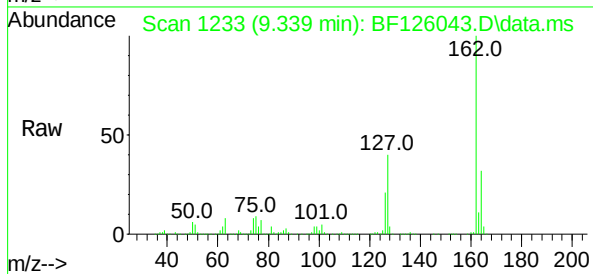
Tgt Ion:162 Resp: 818215

Ion Ratio Lower Upper

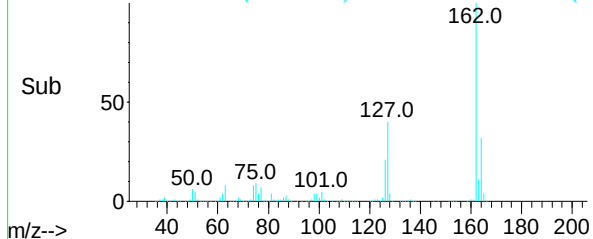
162 100

127 40.4 33.0 49.4

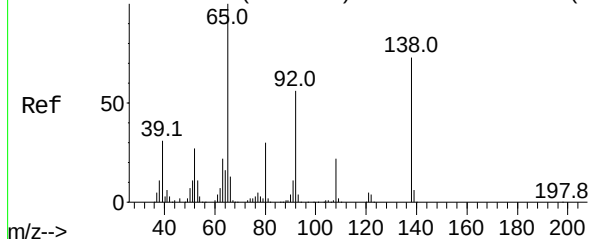
164 32.1 25.8 38.8



Abundance Scan 1233 (9.339 min): BF126043.D\data.ms (-1182) (-)



Abundance Scan 1248 (9.428 min): BF126018.D\data.ms (-12418)



2-Nitroaniline

Concen: 46.63 ng

RT: 9.427 min Scan# 1248

Delta R.T. -0.001 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

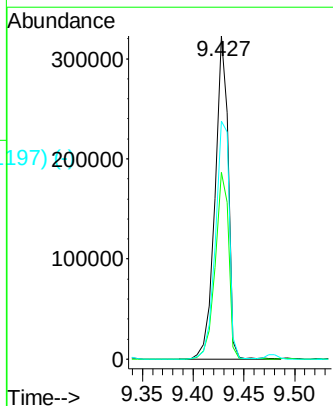
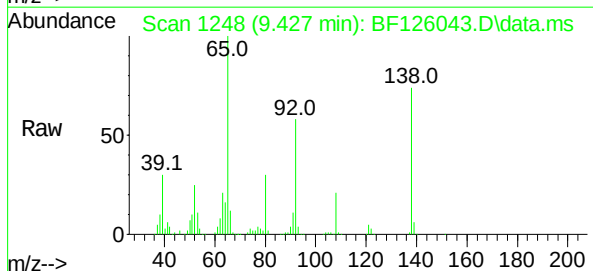
Tgt Ion: 65 Resp: 291755

Ion Ratio Lower Upper

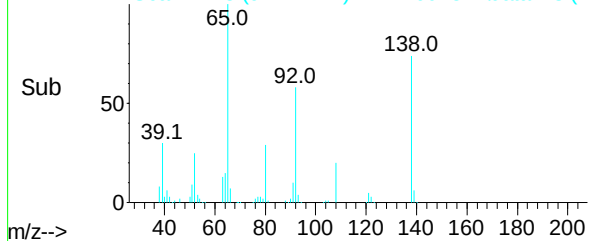
65 100

92 57.8 55.5 83.3

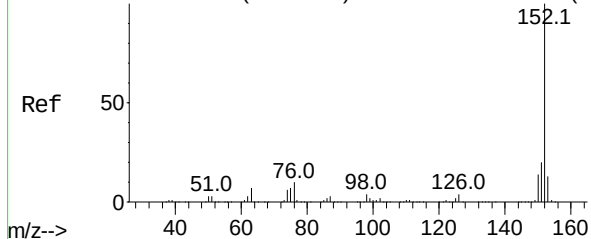
138 73.6 93.5 140.3#



Abundance Scan 1248 (9.427 min): BF126043.D\data.ms (-1197)



Abundance Scan 1303 (9.751 min): BF126018.D\data.ms (-12549)



Acenaphthylene

Concen: 43.27 ng

RT: 9.751 min Scan#

Delta R.T. -0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

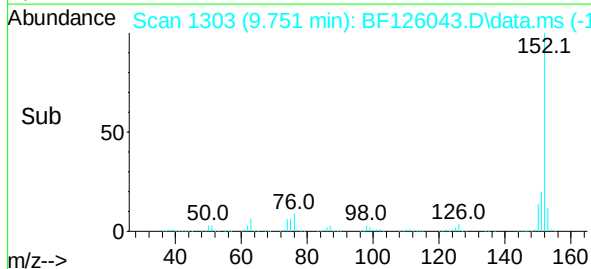
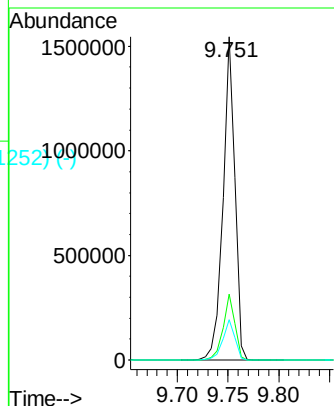
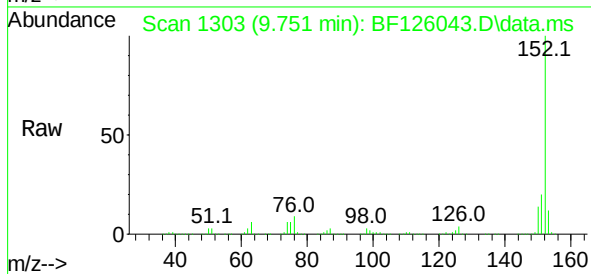
Tgt Ion:152 Resp: 1253951

Ion Ratio Lower Upper

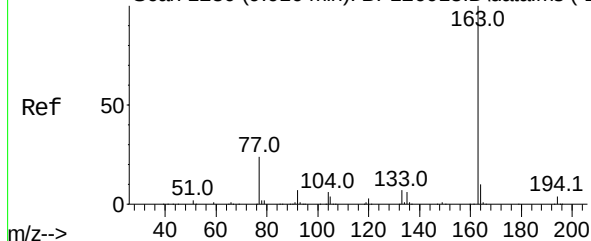
152 100

151 20.4 15.7 23.5

153 12.5 9.8 14.8



Abundance Scan 1280 (9.616 min): BF126018.D\data.ms (-12750)



Dimethylphthalate

Concen: 43.54 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

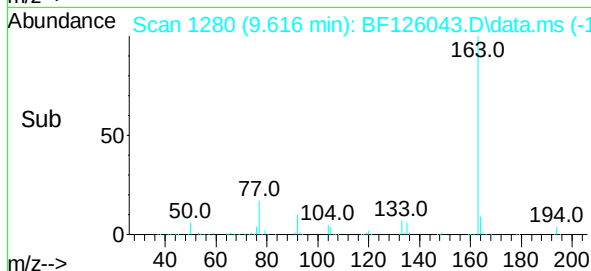
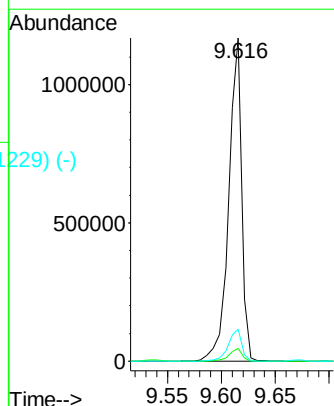
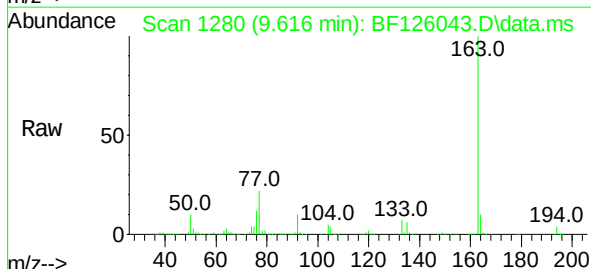
Tgt Ion:163 Resp: 998528

Ion Ratio Lower Upper

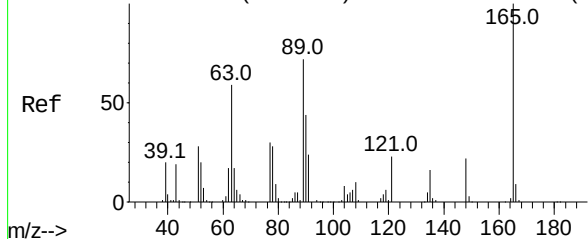
163 100

194 3.8 2.6 3.8#

164 9.9 7.4 11.0



Abundance Scan 1290 (9.675 min): BF126018.D\data.ms (-1284)



2,6-Dinitrotoluene

Concen: 52.47 ng

RT: 9.675 min Scan#

Delta R.T. -0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

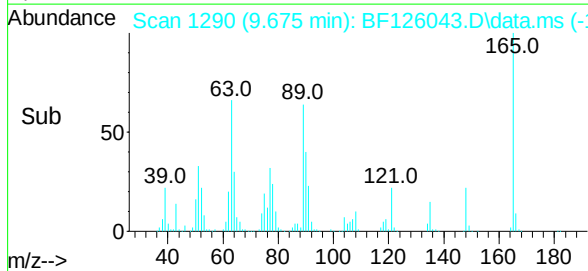
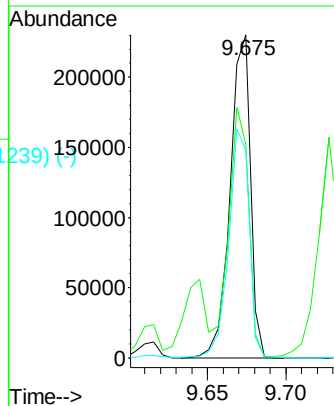
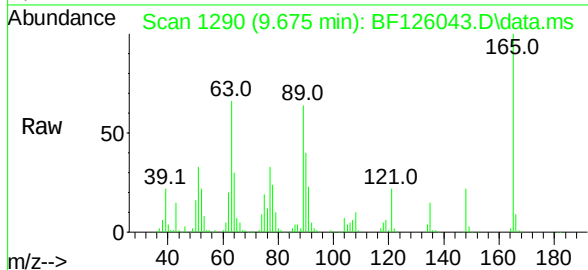
Tgt Ion:165 Resp: 206258

Ion Ratio Lower Upper

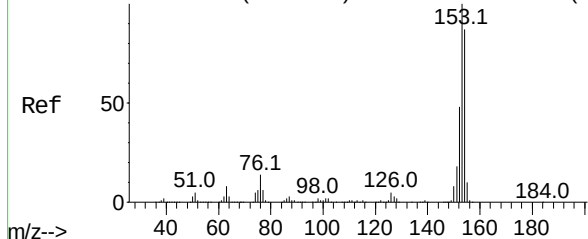
165 100

63 66.2 42.6 63.8#

89 64.4 40.6 60.8#



Abundance Scan 1333 (9.928 min): BF126018.D\data.ms (-1325)



Acenaphthene

Concen: 47.42 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

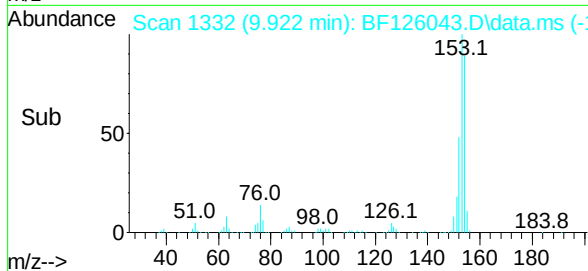
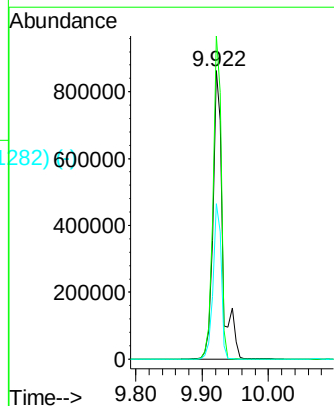
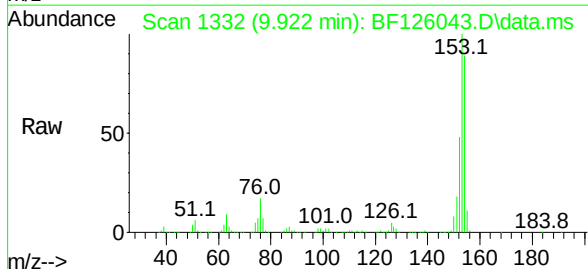
Tgt Ion:154 Resp: 866772

Ion Ratio Lower Upper

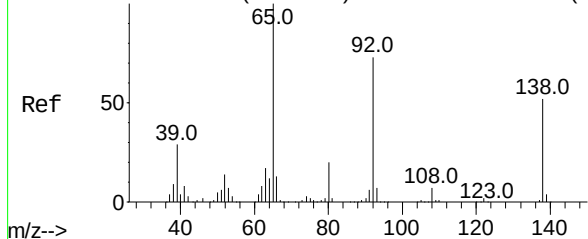
154 100

153 112.1 89.4 134.2

152 54.0 40.5 60.7



Abundance Scan 1318 (9.839 min): BF126018.D\data.ms (-1315)



3-Nitroaniline

Concen: 20.88 ng

RT: 9.833 min Scan#

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

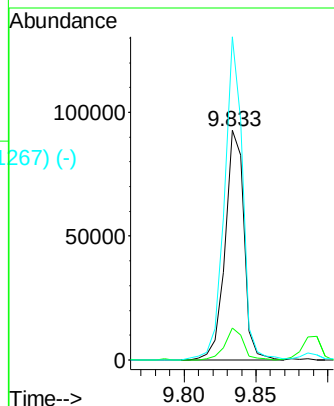
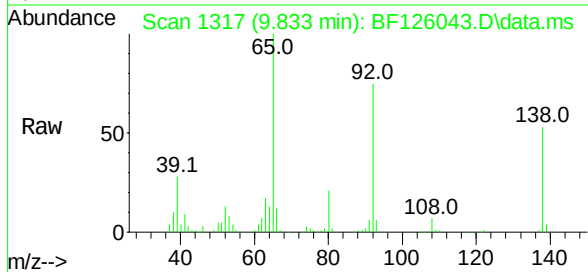
Tgt Ion:138 Resp: 84124

Ion Ratio Lower Upper

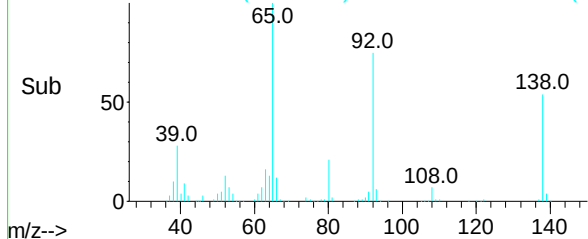
138 100

108 14.0 9.3 13.9#

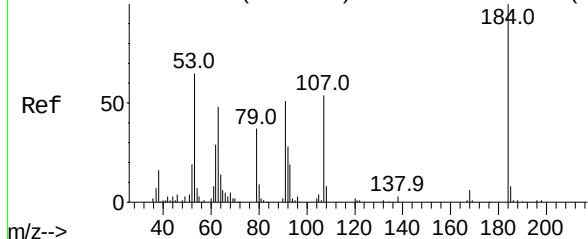
92 140.8 76.5 114.7#



Abundance Scan 1317 (9.833 min): BF126043.D\data.ms (-1267) (-)



Abundance Scan 1336 (9.945 min): BF126018.D\data.ms (-1335)



2,4-Dinitrophenol

Concen: 75.17 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

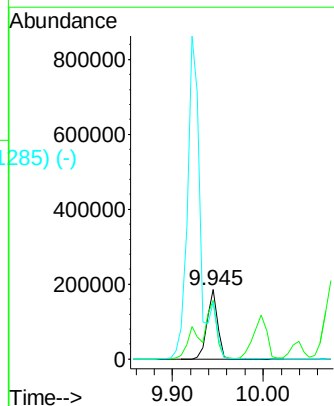
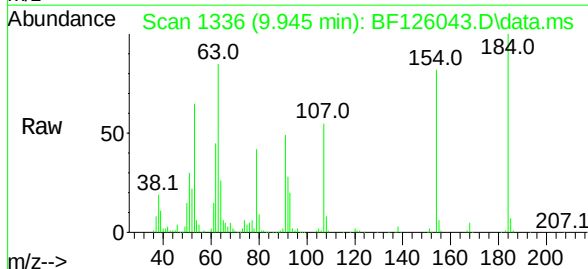
Tgt Ion:184 Resp: 151355

Ion Ratio Lower Upper

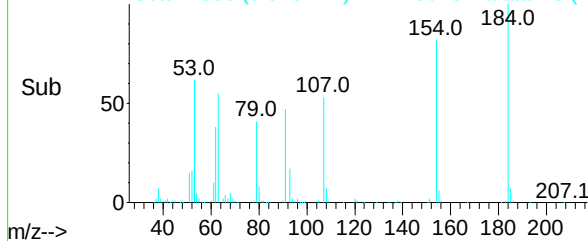
184 100

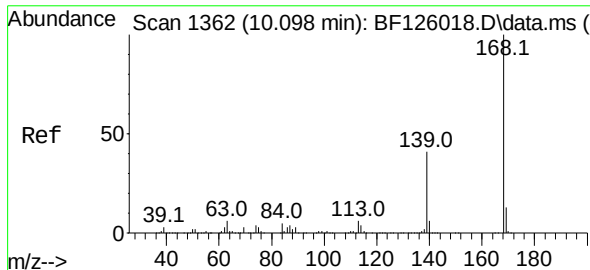
63 85.1 59.3 88.9

154 82.4 68.6 102.8



Abundance Scan 1336 (9.945 min): BF126043.D\data.ms (-1285) (-)

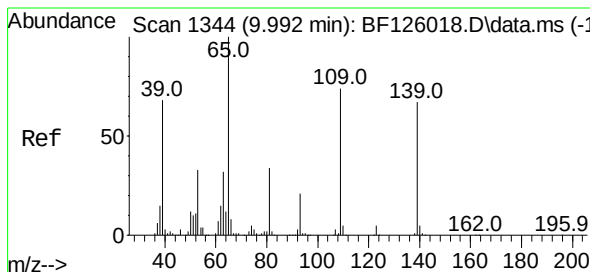
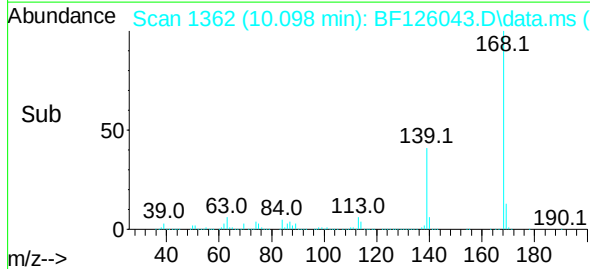
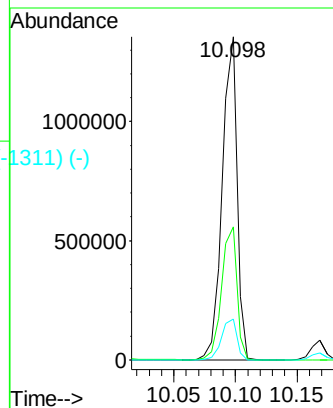
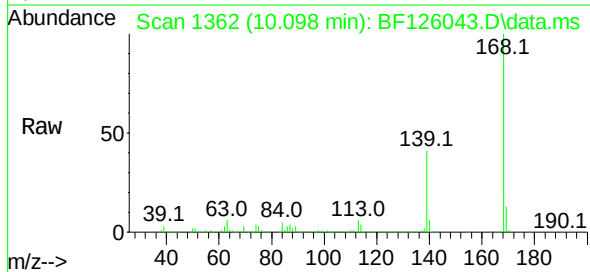




Dibenzofuran
Concen: 41.19 ng
RT: 10.098 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

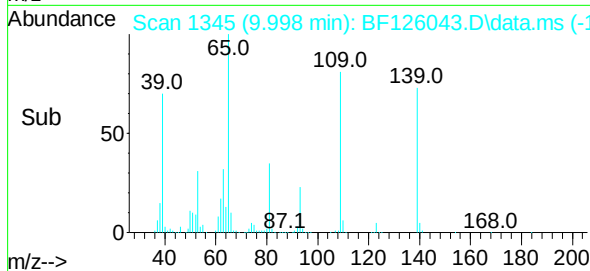
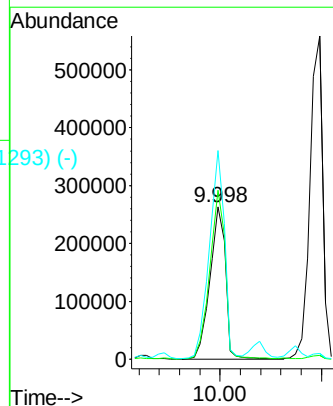
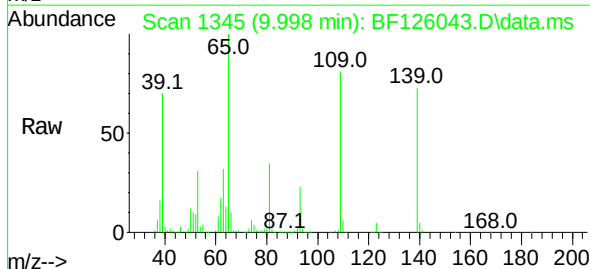
Instrument :
BNA_F
ClientSampleId :
VNJ-224MS

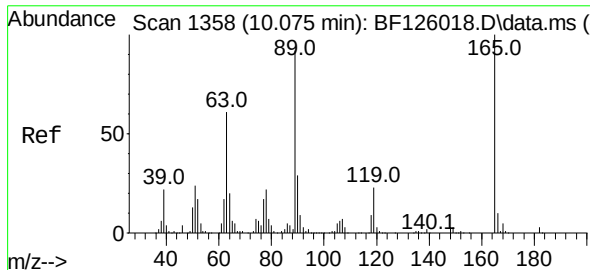
Tgt Ion:	168	Resp:	1133320
Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.7	49.1
169	12.6	11.2	16.8



4-Nitrophenol
Concen: 87.94 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

Tgt Ion:	139	Resp:	279674
Ion	Ratio	Lower	Upper
139	100		
109	110.8	60.4	100.4#
65	137.2	58.4	98.4#

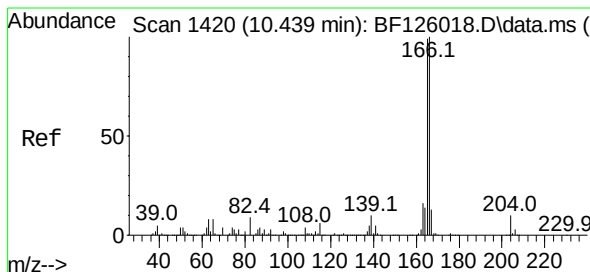
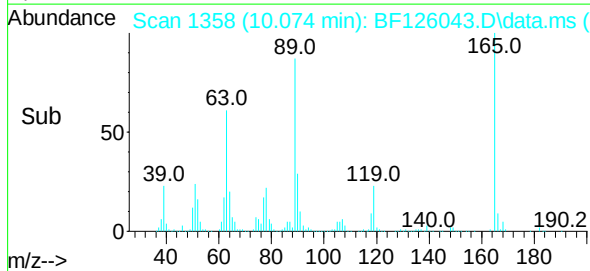
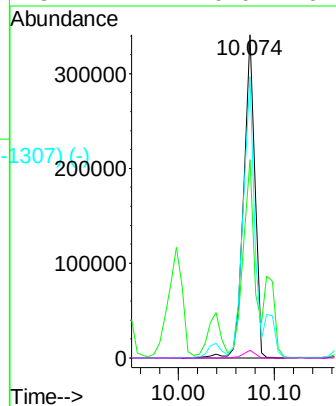
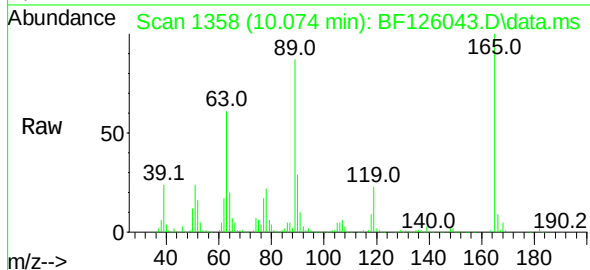




2,4-Dinitrotoluene
Concen: 48.43 ng
RT: 10.074 min Scan# 1357
Delta R.T. -0.001 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

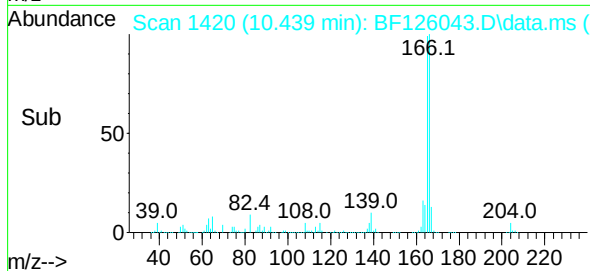
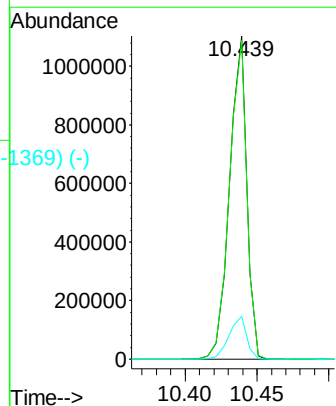
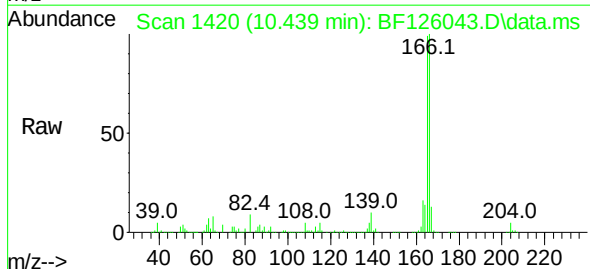
Instrument :
BNA_F
ClientSampleId :
VNJ-224MS

Tgt Ion:	165	Resp:	274393
Ion	Ratio	Lower	Upper
165	100		
63	61.4	40.9	61.3#
89	87.1	59.7	89.5
182	2.4	0.0	0.0#



Fluorene
Concen: 41.49 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

Tgt Ion:	166	Resp:	916558
Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.1	117.1
167	13.3	11.1	16.7



Abundance Scan 1381 (10.210 min): BF126018.D\data.ms (-1359 (-))

2,3,4,6-Tetrachlorophenol

Concen: 43.80 ng

RT: 10.210 min Scan# 1381

Delta R.T. -0.000 min

Lab File: BF126043.D

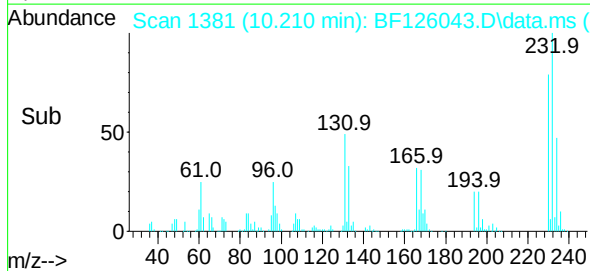
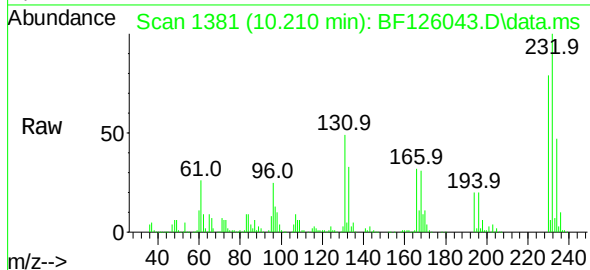
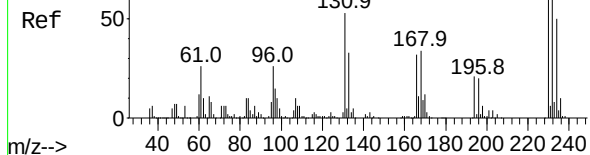
Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS



Tgt Ion:232 Resp: 256124

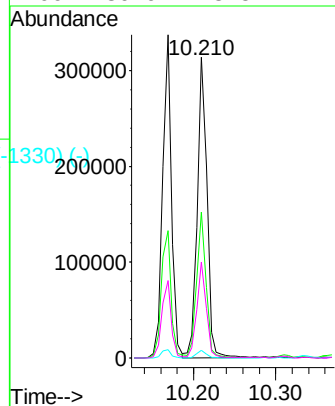
Ion Ratio Lower Upper

232 100

131 46.8 45.4 68.0

130 2.5 0.0 0.0#

166 30.9 28.5 42.7



Abundance Scan 1399 (10.316 min): BF126018.D\data.ms (-1399 (-))

Diethylphthalate

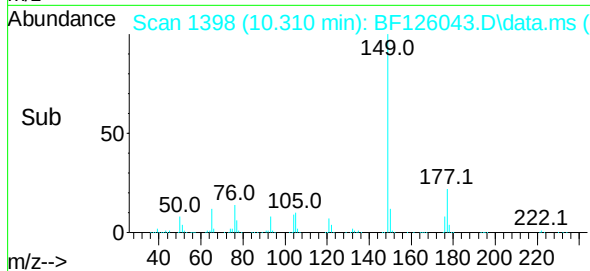
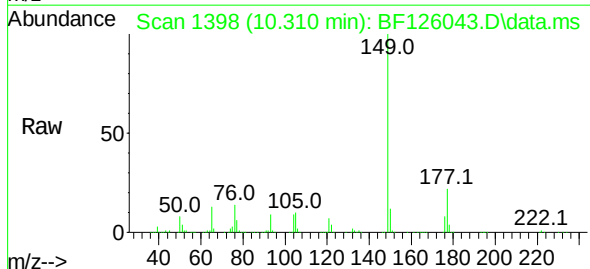
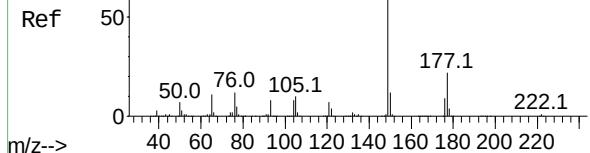
Concen: 43.49 ng

RT: 10.310 min Scan# 1398

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48



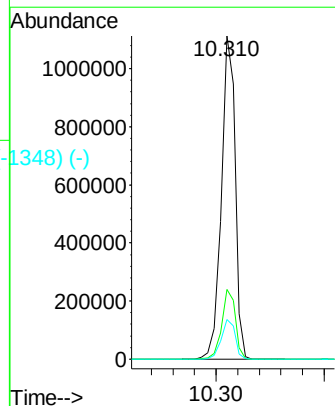
Tgt Ion:149 Resp: 1000075

Ion Ratio Lower Upper

149 100

177 21.5 16.5 24.7

150 12.2 10.1 15.1



Abundance Scan 1419 (10.433 min): BF126018.D\data.ms (-1418) (-)

4-Chlorophenyl-phenylether

Concen: 41.91 ng

RT: 10.427 min Scan#

Delta R.T. -0.006 min

Lab File: BF126043.D

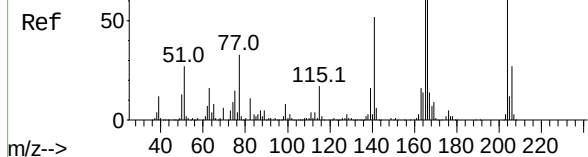
Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS



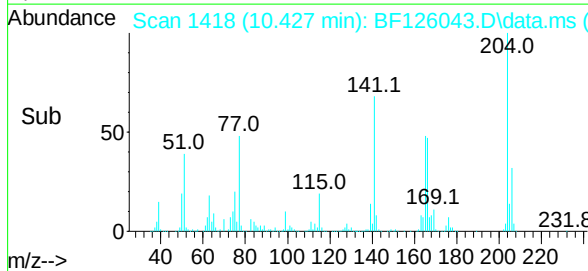
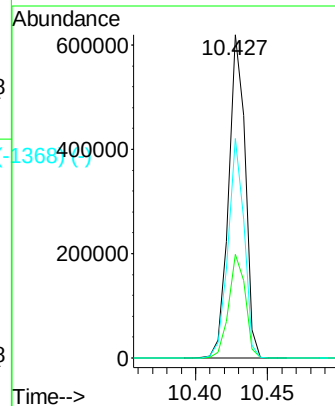
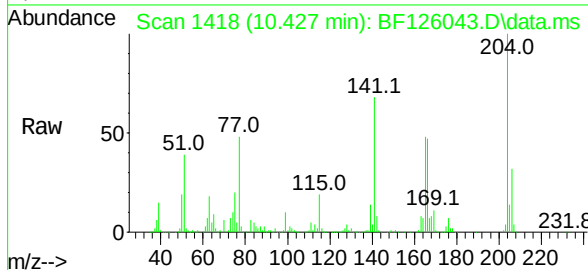
Tgt Ion:204 Resp: 495130

Ion Ratio Lower Upper

204 100

206 32.1 27.6 41.4

141 68.0 58.6 88.0



Abundance Scan 1423 (10.457 min): BF126018.D\data.ms (-1422) (-)

4-Nitroaniline

Concen: 37.82 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

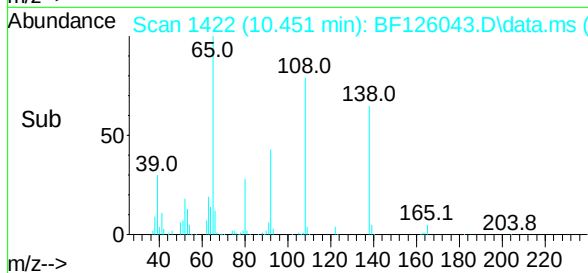
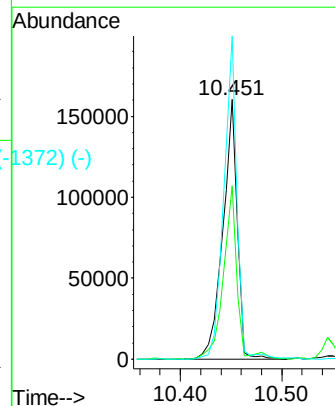
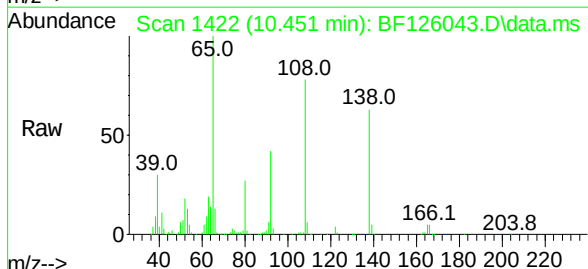
Tgt Ion:138 Resp: 158974

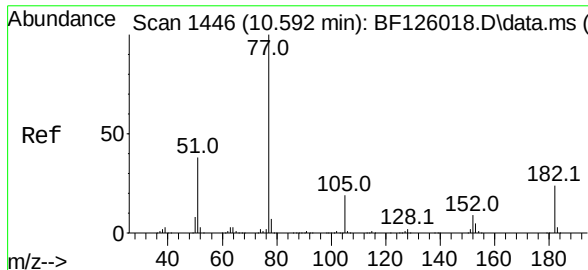
Ion Ratio Lower Upper

138 100

92 66.7 29.6 69.6

108 124.5 78.1 118.1#

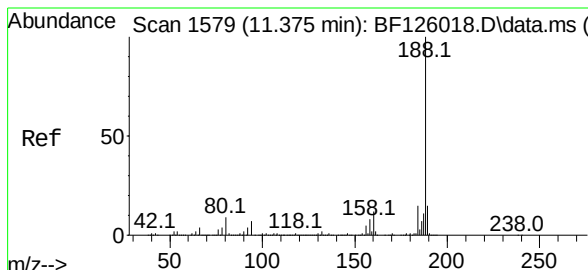
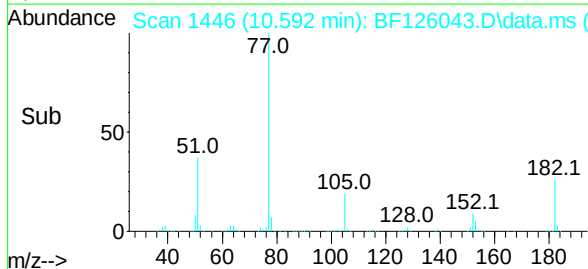
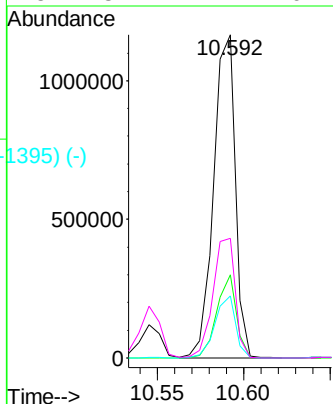
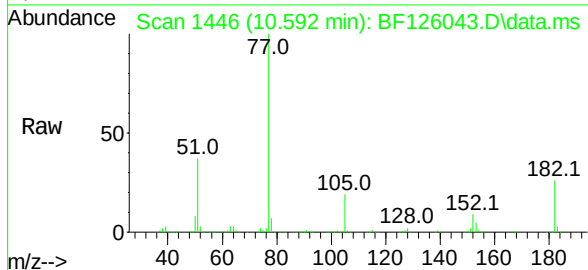




Azobenzene
Concen: 40.97 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

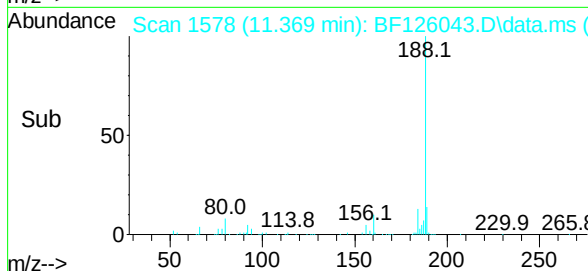
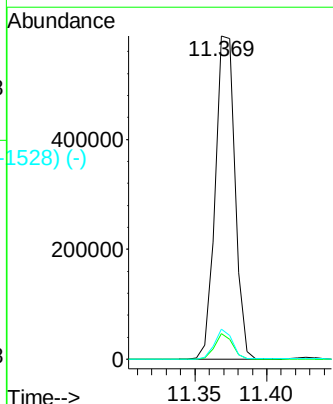
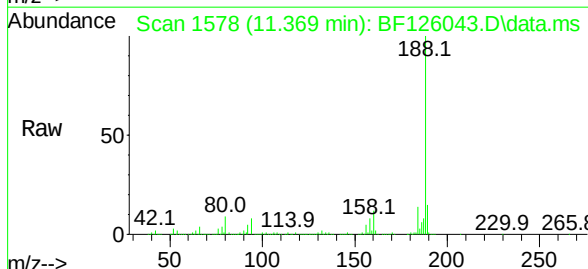
Instrument :
BNA_F
ClientSampleId :
VNJ-224MS

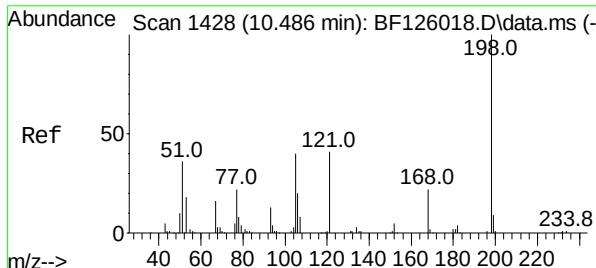
Tgt Ion: 77 Resp: 1023013
Ion Ratio Lower Upper
77 100
182 25.6 6.3 46.3
105 19.2 2.9 42.9
51 37.1 24.1 64.1



Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

Tgt Ion: 188 Resp: 560085
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.4 7.5 11.3

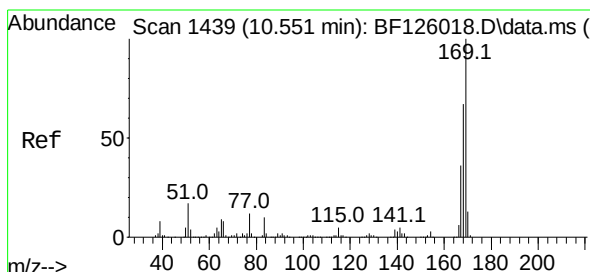
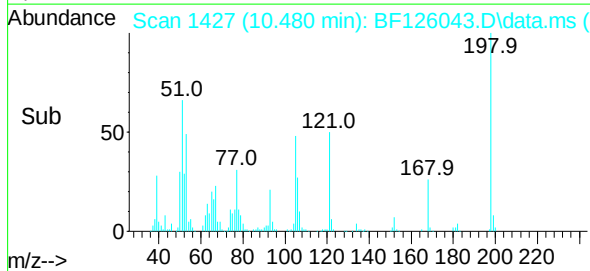
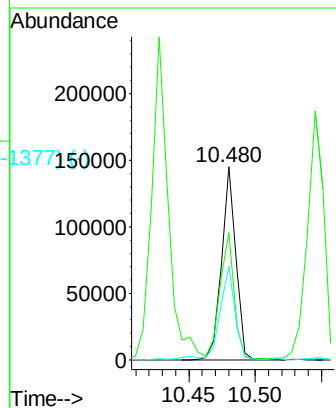
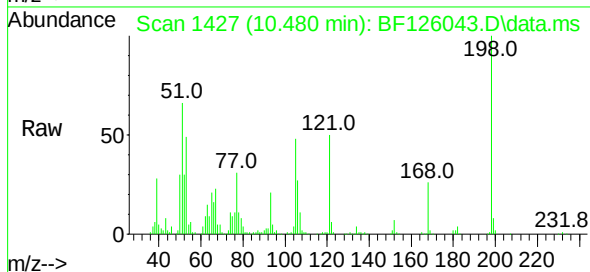




4,6-Dinitro-2-methylphenol
 Concen: 41.35 ng
 RT: 10.480 min Scan# 1425
 Delta R.T. -0.006 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

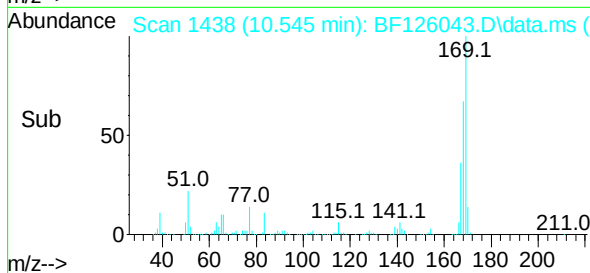
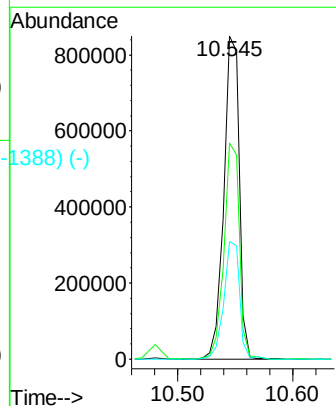
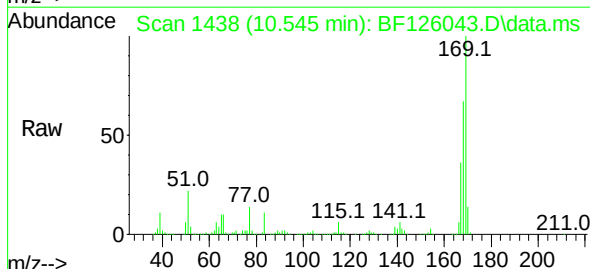
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MS

Tgt Ion:	198	Resp:	107746
Ion	Ratio	Lower	Upper
198	100		
51	65.7	45.3	85.3
105	48.4	30.6	70.6



n-Nitrosodiphenylamine
 Concen: 44.64 ng
 RT: 10.545 min Scan# 1438
 Delta R.T. -0.006 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

Tgt Ion:	169	Resp:	796221
Ion	Ratio	Lower	Upper
169	100		
168	66.9	50.8	76.2
167	36.3	28.8	43.2



Abundance Scan 1502 (10.922 min): BF126018.D\data.ms (-1457) (-)

4-Bromophenyl-phenylether

Concen: 44.46 ng

RT: 10.916 min Scan#

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

Tgt Ion:248 Resp: 301613

Ion Ratio Lower Upper

248 100

250 98.7 74.2 111.4

141 89.7 60.4 90.6

Abundance Scan 1501 (10.916 min): BF126043.D\data.ms

Ref

50

39.1 77.0 113.0 141.1 174.0 220.0 248.0

m/z-->

Abundance Scan 1501 (10.916 min): BF126043.D\data.ms

Raw

50

39.1 77.0 113.0 141.1 172.0 220.0 248.0

m/z-->

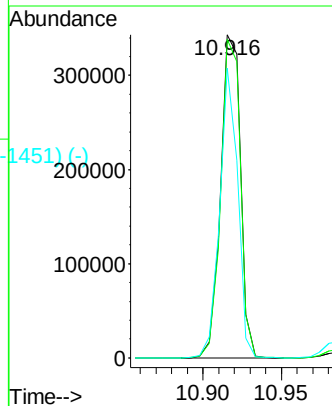
Abundance Scan 1501 (10.916 min): BF126043.D\data.ms (-1451) (-)

Sub

50

39.1 77.0 113.0 141.1 172.0 220.0 248.0

m/z-->



Abundance Scan 1513 (10.986 min): BF126018.D\data.ms (-1508) (-)

Hexachlorobenzene

Concen: 44.73 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Tgt Ion:284 Resp: 316962

Ion Ratio Lower Upper

284 100

142 32.3 36.4 54.6#

249 32.4 25.6 38.4

Abundance Scan 1513 (10.986 min): BF126043.D\data.ms

Ref

50

36.0 71.0 107.0 141.9 176.9 213.9 248.9 283.8

m/z-->

Abundance Scan 1513 (10.986 min): BF126043.D\data.ms

Raw

50

36.0 71.0 107.0 141.9 176.9 213.9 248.8 283.8

m/z-->

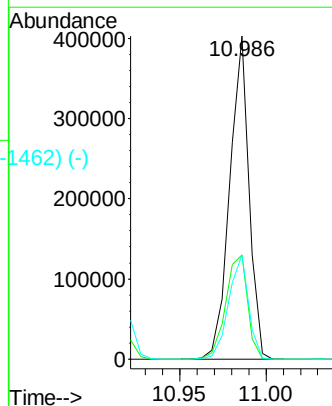
Abundance Scan 1513 (10.986 min): BF126043.D\data.ms (-1462) (-)

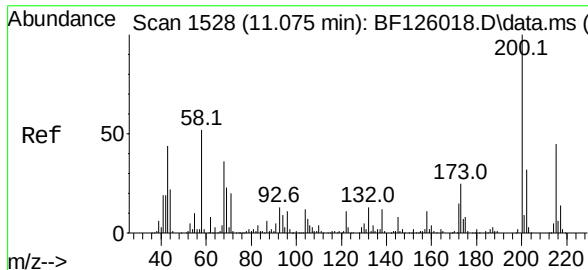
Sub

50

36.0 71.0 107.0 141.8 176.9 213.9 248.8 283.8

m/z-->

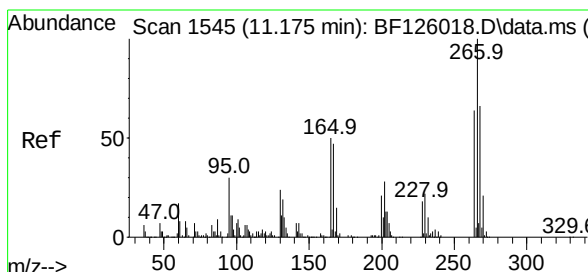
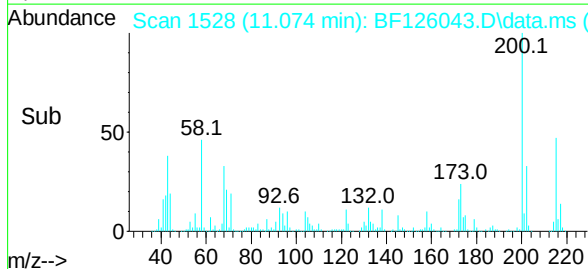
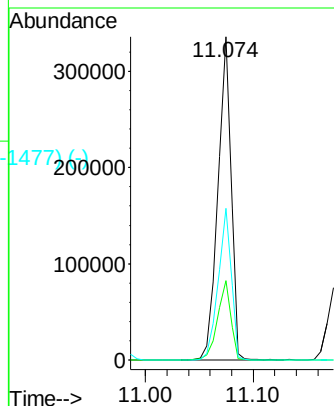
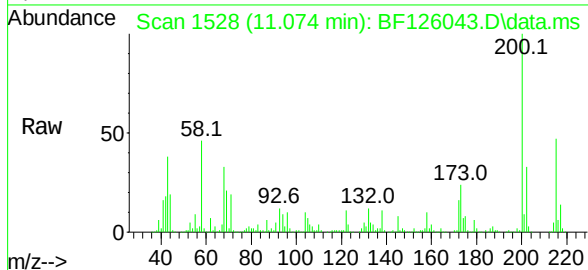




Atrazine
Concen: 45.45 ng
RT: 11.074 min Scan# 1528
Delta R.T. -0.000 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

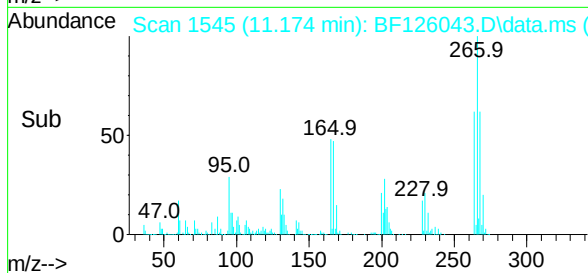
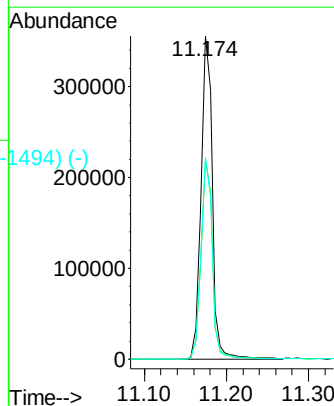
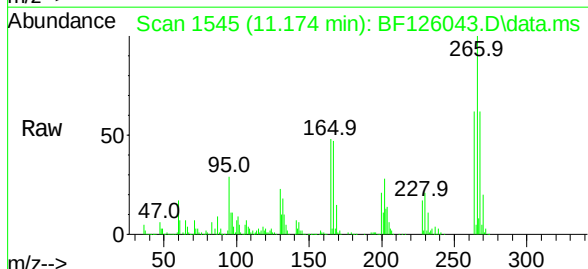
Instrument :
BNA_F
ClientSampleId :
VNJ-224MS

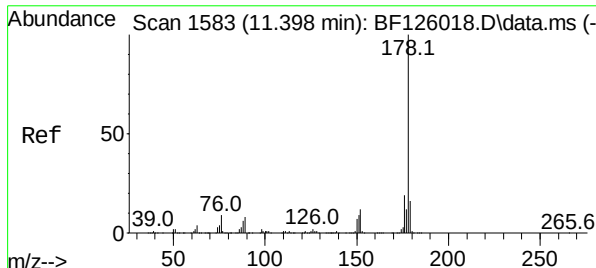
Tgt Ion:	200	Resp:	286751
Ion Ratio	Lower	Upper	
200	100		
173	24.5	11.1	51.1
215	46.9	22.7	62.7



Pentachlorophenol
Concen: 87.46 ng
RT: 11.174 min Scan# 1545
Delta R.T. -0.001 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

Tgt Ion:	266	Resp:	333975
Ion Ratio	Lower	Upper	
266	100		
268	61.7	48.9	73.3
264	62.3	55.9	83.9

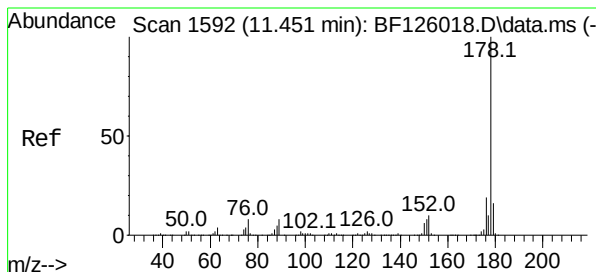
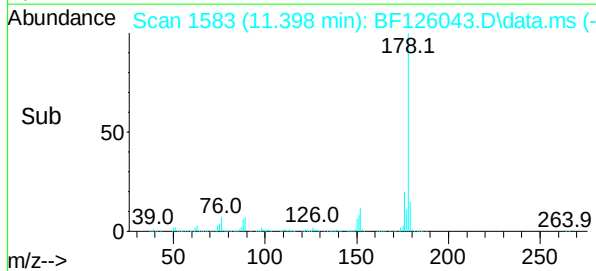
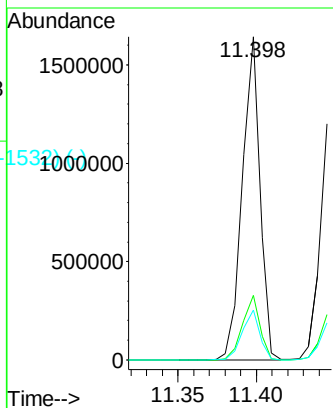
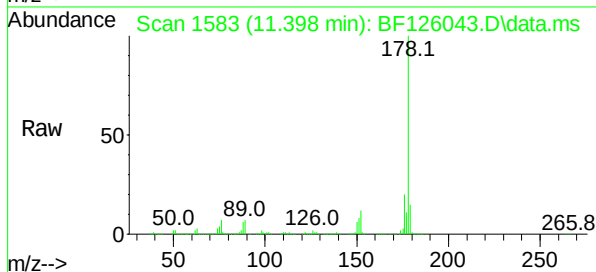




Scan 1583 (11.398 min): BF126018.D\data.ms (-15761)
 Phenanthrene
 Concen: 42.53 ng
 RT: 11.398 min Scan# 1583
 Delta R.T. -0.000 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

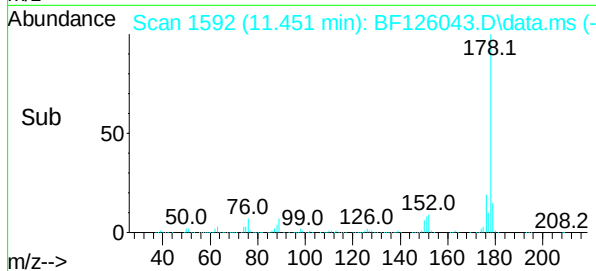
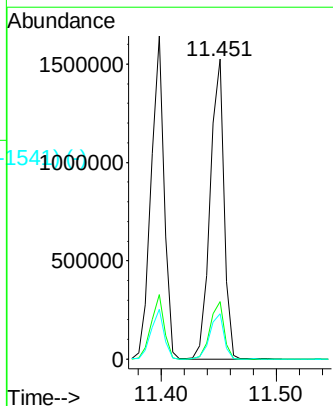
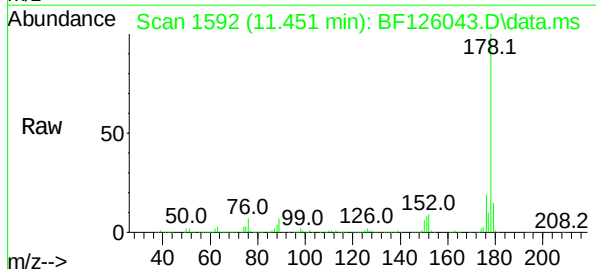
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MS

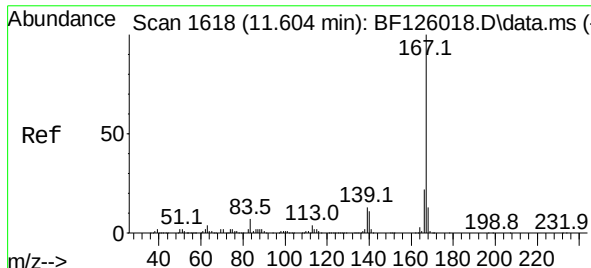
Tgt Ion:	178	Resp:	1291854
Ion	Ratio	Lower	Upper
178	100		
176	20.0	14.7	22.1
179	15.5	11.5	17.3



Scan 1592 (11.451 min): BF126018.D\data.ms (-15771)
 Anthracene
 Concen: 42.50 ng
 RT: 11.451 min Scan# 1592
 Delta R.T. -0.000 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

Tgt Ion:	178	Resp:	1288705
Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.3	21.5
179	15.2	12.2	18.4

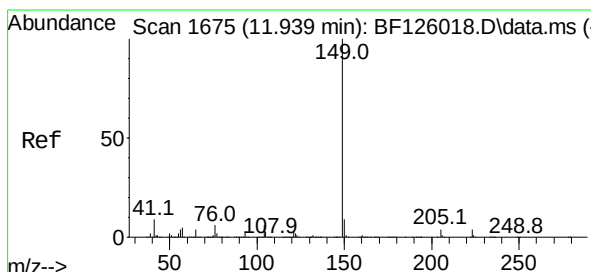
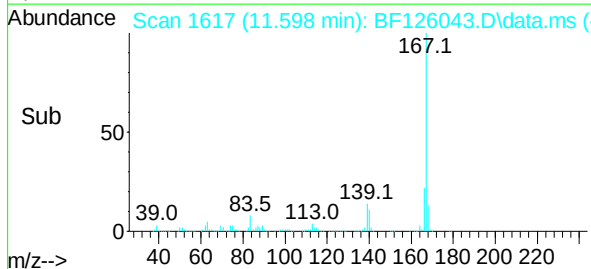
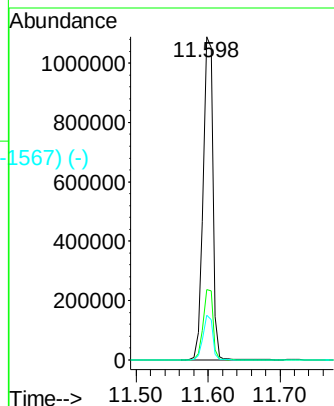
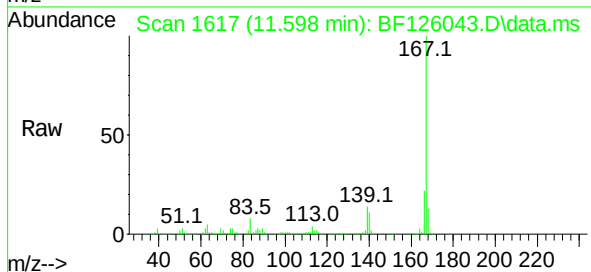




Carbazole
Concen: 36.29 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

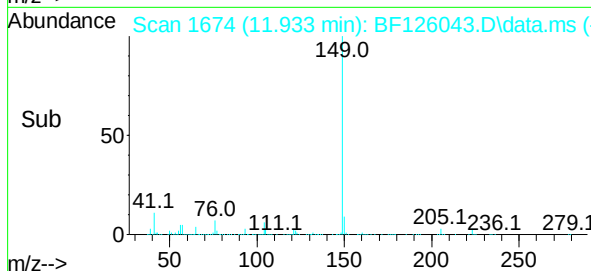
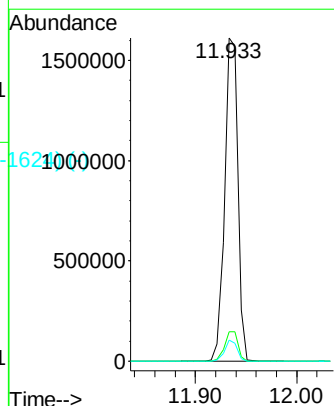
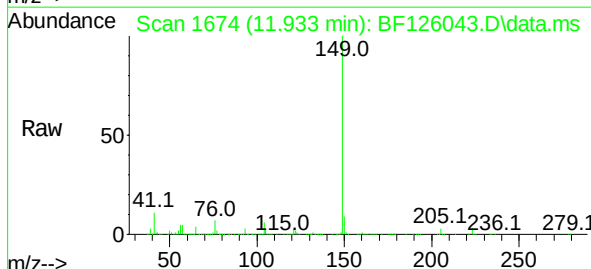
Instrument :
BNA_F
ClientSampleId :
VNJ-224MS

Tgt Ion:167 Resp: 1020729
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.0
139 13.8 11.0 16.4



Di-n-butylphthalate
Concen: 44.50 ng
RT: 11.933 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

Tgt Ion:149 Resp: 1458470
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 6.5 4.1 6.1#



Abundance Scan 1785 (12.586 min): BF126018.D\data.ms (-1775) (-)

Fluoranthene

Concen: 37.91 ng

RT: 12.586 min Scan# 1785

Delta R.T. 0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

Tgt Ion:202 Resp: 1282346

Ion Ratio Lower Upper

202 100

101 6.3 0.0 30.7

203 16.5 0.0 36.3

Abundance Scan 1785 (12.586 min): BF126043.D\data.ms

Ref 50

202.1

51.1 75.0 101.0 125.0 150.0 174.0

m/z-->

Abundance Scan 1785 (12.586 min): BF126043.D\data.ms

Raw 50

202.1

50.0 74.0 101.0 124.9 150.0 174.1

m/z-->

Abundance Scan 1785 (12.586 min): BF126043.D\data.ms (-1734) (-)

Sub 50

202.1

51.1 75.0 101.0 124.9 150.0 174.1

m/z-->

Abundance

12.586

1000000

500000

0

Time-->

12.55 12.60

Abundance Scan 2027 (14.010 min): BF126018.D\data.ms (-2076) (-)

Chrysene-d12

Concen: 20.00 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Tgt Ion:240 Resp: 305944

Ion Ratio Lower Upper

240 100

120 6.5 10.8 16.2#

236 25.9 21.6 32.4

Abundance Scan 2027 (14.010 min): BF126043.D\data.ms

Ref 50

240.2

66.0 118.1 158.1 200.0 281.1

m/z-->

Abundance Scan 2027 (14.010 min): BF126043.D\data.ms

Raw 50

240.2

39.1 78.1 120.0 160.1 200.0 279.2 343.1

m/z-->

Abundance Scan 2027 (14.010 min): BF126043.D\data.ms (-1976) (-)

Sub 50

240.2

76.1 120.0 159.0 198.1 279.1 343.1

m/z-->

Abundance

14.010

300000

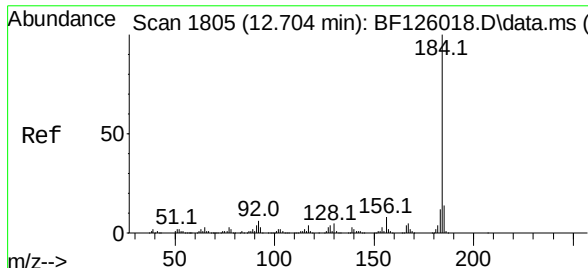
200000

100000

0

Time-->

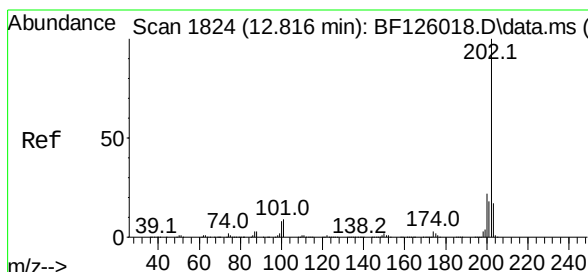
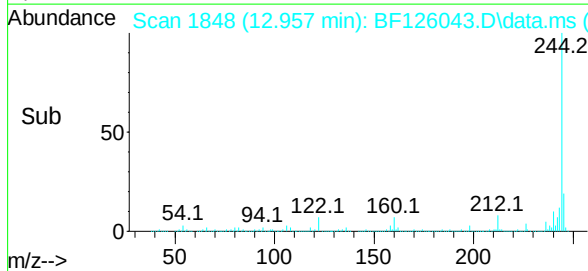
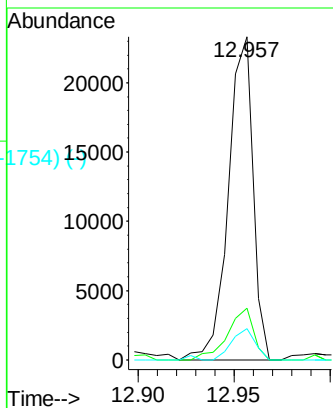
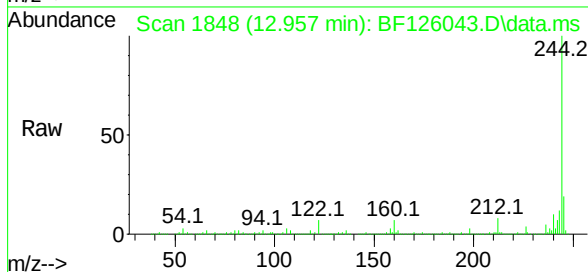
14.00



Benzidine
Concen: 2.03 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

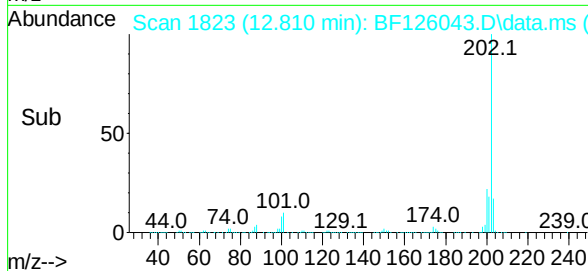
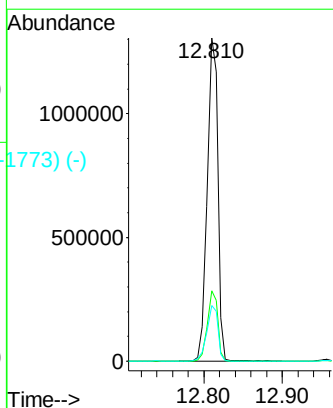
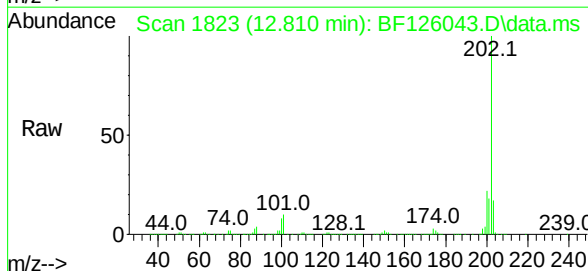
Instrument :
BNA_F
ClientSampleId :
VNJ-224MS

Tgt Ion:	184	Resp:	20776
Ion	Ratio	Lower	Upper
184	100		
185	16.1	10.8	16.2
183	9.7	8.1	12.1



Pyrene
Concen: 49.52 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

Tgt Ion:	202	Resp:	1215054
Ion	Ratio	Lower	Upper
202	100		
200	21.7	15.3	22.9
203	17.1	13.4	20.0



Abundance Scan 1849 (12.963 min): BF126018.D\data.ms (-1872) (-)

Terphenyl-d14

Concen: 70.41 ng

RT: 12.957 min Scan#

Delta R.T. -0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

Tgt Ion:244 Resp: 1335906

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 7.3 9.0 13.4#

Abundance Scan 1848 (12.957 min): BF126043.D\data.ms

Ref 50

244.2

54.1 92.1 122.1 160.1 212.2

0

m/z-->

50 100 150 200 250

Abundance Scan 1848 (12.957 min): BF126043.D\data.ms (-1791) (-)

Ref 50

244.2

54.1 90.1 122.1 160.1 212.1

0

m/z-->

50 100 150 200 250

Abundance

1500000

12.957

1000000

500000

0

Time-->

12.90 13.00

Abundance Scan 1929 (13.433 min): BF126018.D\data.ms (-1878) (-)

Butylbenzylphthalate

Concen: 49.76 ng

RT: 13.433 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Tgt Ion:149 Resp: 444707

Ion Ratio Lower Upper

149 100

91 76.1 51.8 77.8

206 21.1 14.5 21.7

Abundance Scan 1929 (13.433 min): BF126043.D\data.ms

Ref 50

149.0

91.1 206.1 267.1 312.2

0

m/z-->

50 100 150 200 250 300

Abundance Scan 1929 (13.433 min): BF126043.D\data.ms (-1878) (-)

Ref 50

149.0

91.1 206.1 267.1 312.2

0

m/z-->

50 100 150 200 250 300

Abundance

500000

13.433

400000

300000

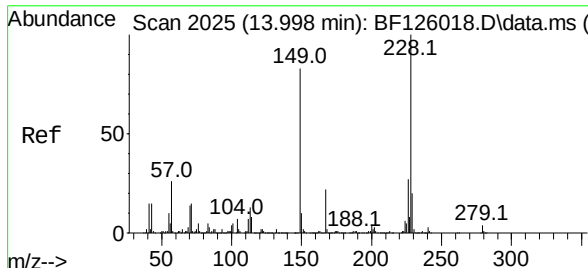
200000

100000

0

Time-->

13.40 13.45 13.50

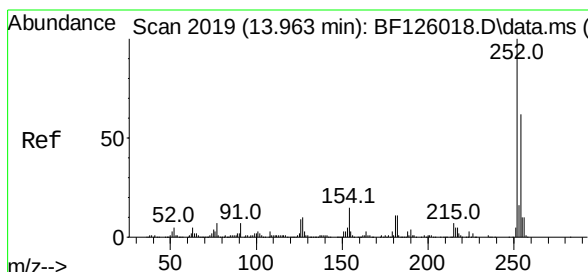
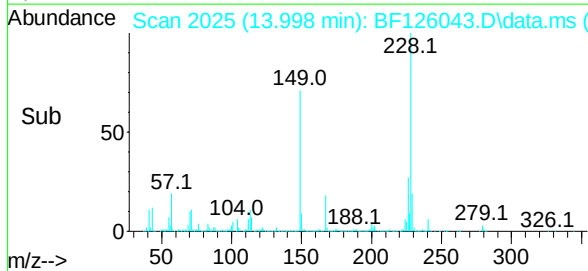
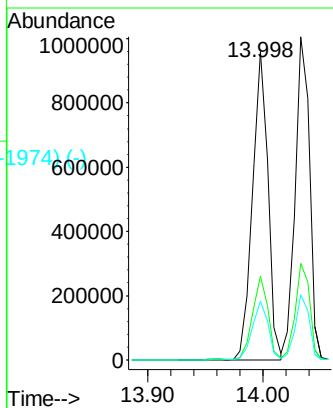
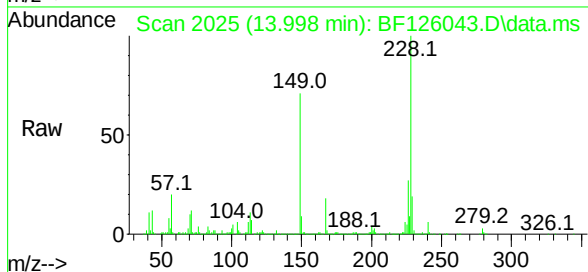


Scan 2025 (13.998 min): BF126018.D\data.ms (-2048)

Benzo(a)anthracene
 Concen: 42.82 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. -0.000 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MS

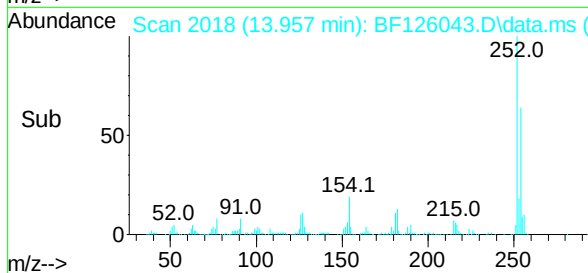
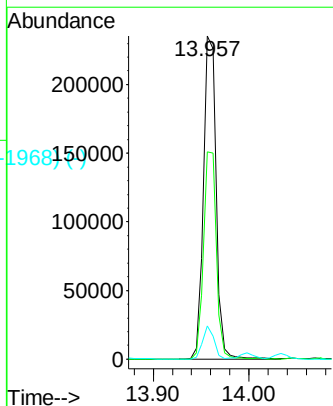
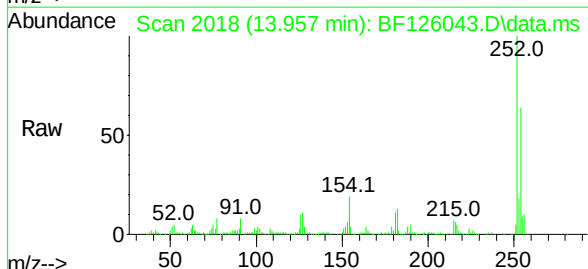
Tgt Ion:	228	Resp:	900080
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.6	32.4
229	19.1	15.6	23.4



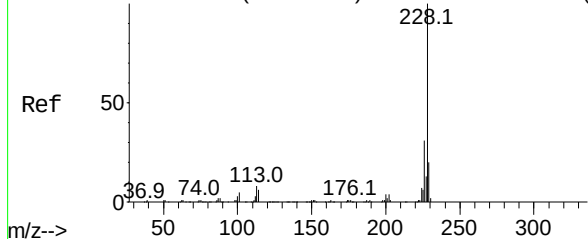
Scan 2019 (13.963 min): BF126018.D\data.ms (-2048)

3,3'-Dichlorobenzidine
 Concen: 34.98 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

Tgt Ion:	252	Resp:	214570
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.4	77.0
126	10.3	9.5	14.3



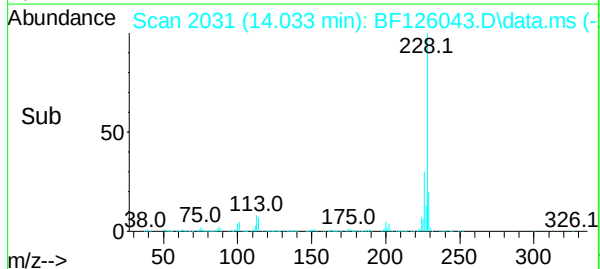
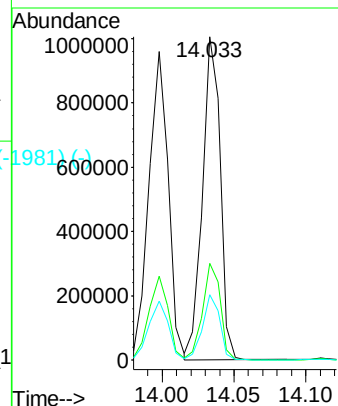
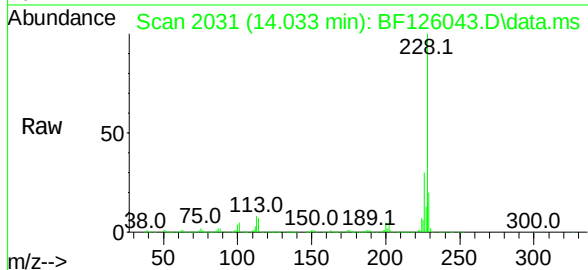
Abundance Scan 2032 (14.039 min): BF126018.D\data.ms (-2028) (-)



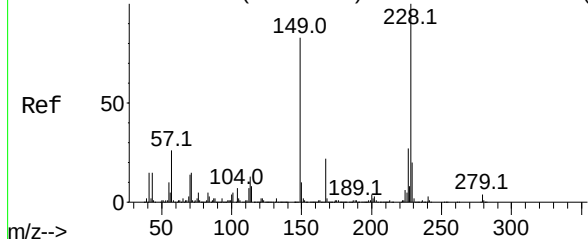
Chrysene
Concen: 44.37 ng
RT: 14.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

Instrument :
BNA_F
ClientSampleId :
VNJ-224MS

Tgt Ion:	228	Resp:	867805
Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	34.0
229	20.3	15.9	23.9

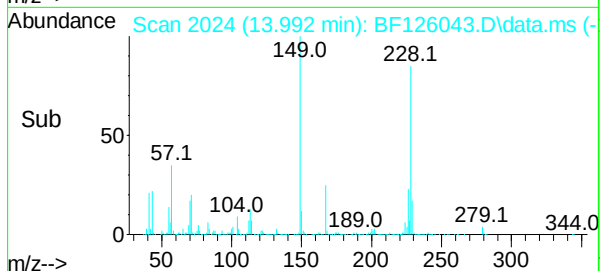
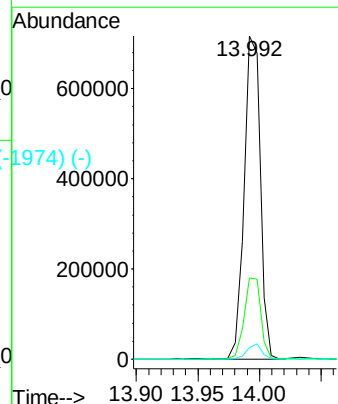
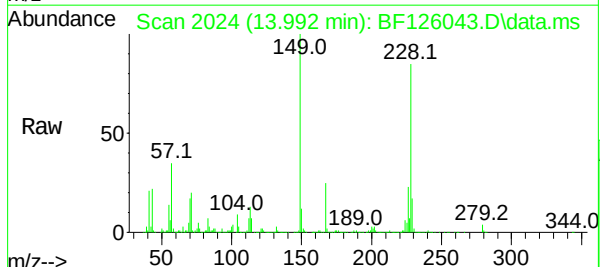


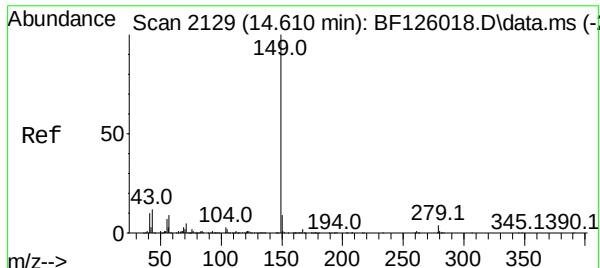
Abundance Scan 2025 (13.998 min): BF126018.D\data.ms (-2025) (-)



Bis(2-ethylhexyl)phthalate
Concen: 52.48 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF126043.D
Acq: 4 Nov 2021 13:48

Tgt Ion:	149	Resp:	650035
Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.4	32.0
279	3.6	2.6	4.0

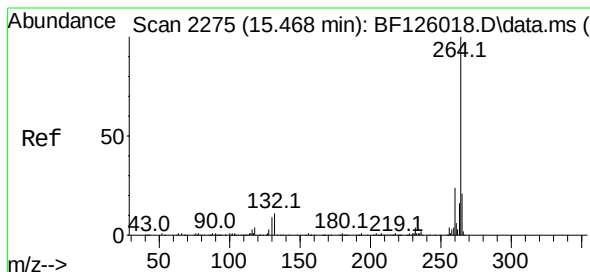
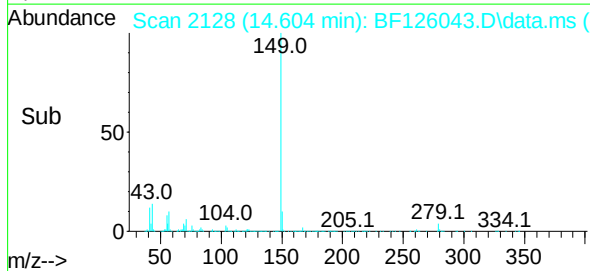
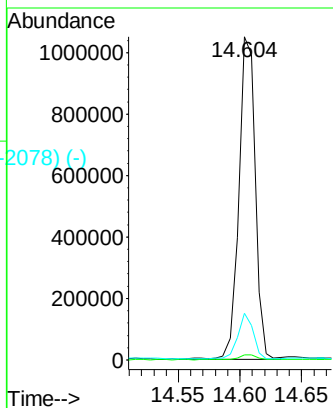
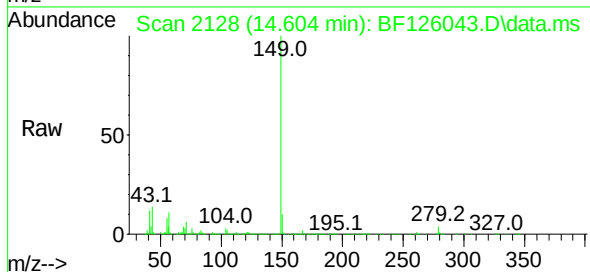




Scan 2129 (14.610 min): BF126018.D\data.ms (-2128)
 Di-n-octyl phthalate
 Concen: 55.45 ng
 RT: 14.604 min Scan# 2128
 Delta R.T. -0.006 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

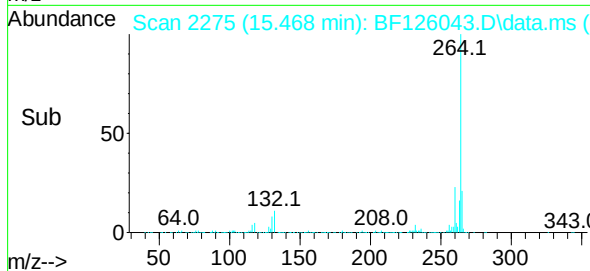
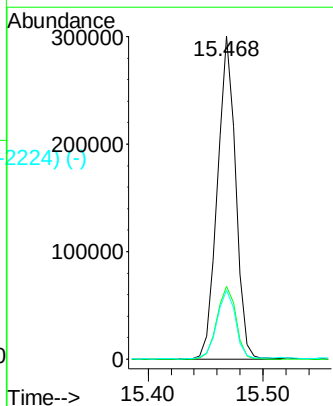
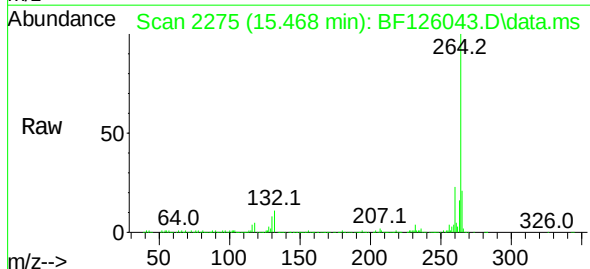
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MS

Tgt Ion:	149	Resp:	975889
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.0	1.6
43	13.2	9.9	14.9

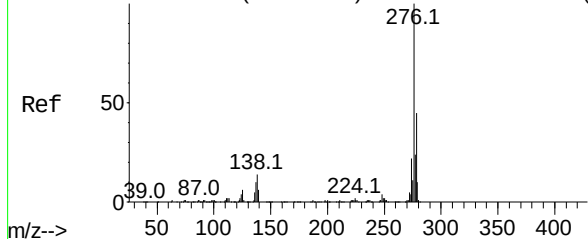


Scan 2275 (15.468 min): BF126018.D\data.ms (-2274)
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

Tgt Ion:	264	Resp:	332299
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.6	29.4
265	21.3	17.2	25.8



Abundance Scan 2523 (16.927 min): BF126018.D\data.ms (-2512) (-)



Indeno(1,2,3-cd)pyrene

Concen: 52.13 ng

RT: 16.933 min Scan# 2523

Delta R.T. 0.006 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

Instrument :

BNA_F

ClientSampleId :

VNJ-224MS

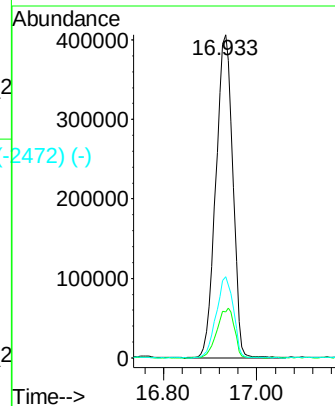
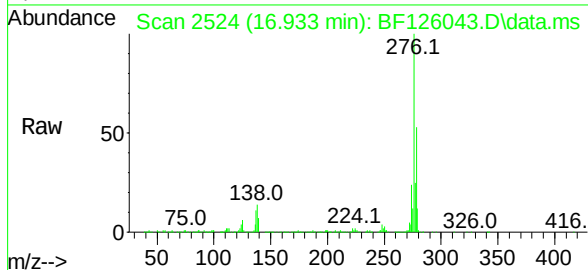
Tgt Ion:276 Resp: 1025240

Ion Ratio Lower Upper

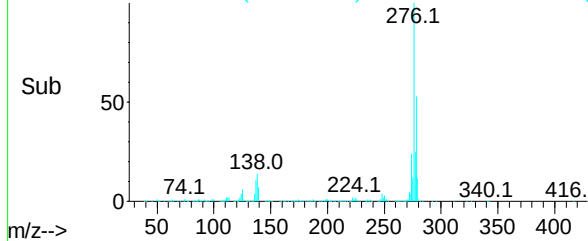
276 100

138 15.9 24.1 36.1#

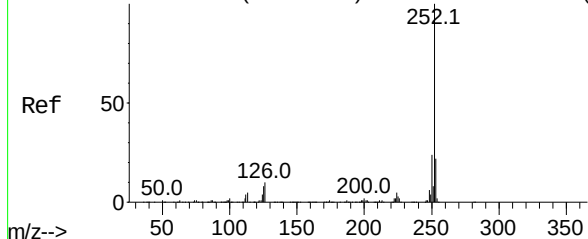
277 25.3 18.8 28.2



Abundance Scan 2524 (16.933 min): BF126043.D\data.ms (-2472) (-)



Abundance Scan 2203 (15.045 min): BF126018.D\data.ms (-2158) (-)



Benzo(b)fluoranthene

Concen: 45.39 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BF126043.D

Acq: 4 Nov 2021 13:48

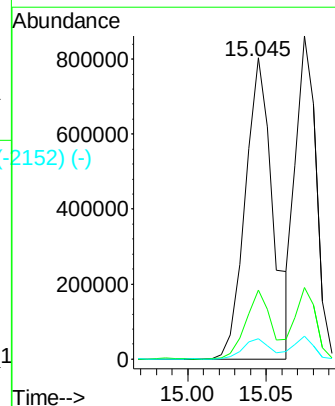
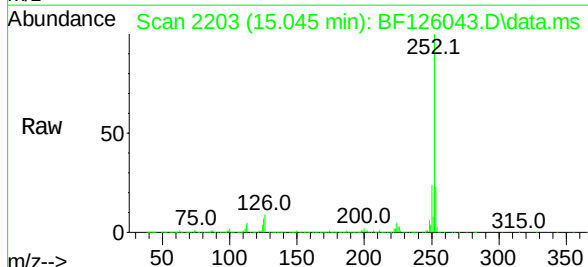
Tgt Ion:252 Resp: 981179

Ion Ratio Lower Upper

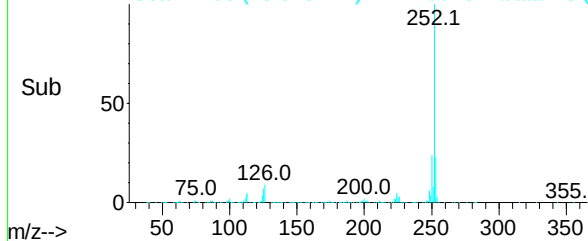
252 100

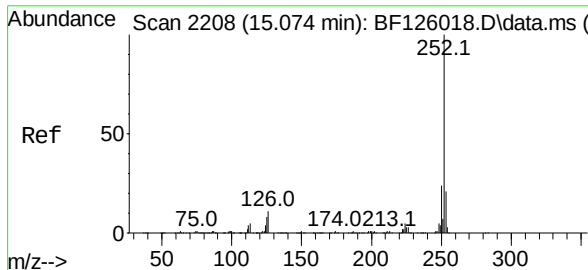
253 23.0 16.8 25.2

125 6.8 9.8 14.8#



Abundance Scan 2203 (15.045 min): BF126043.D\data.ms (-2152) (-)

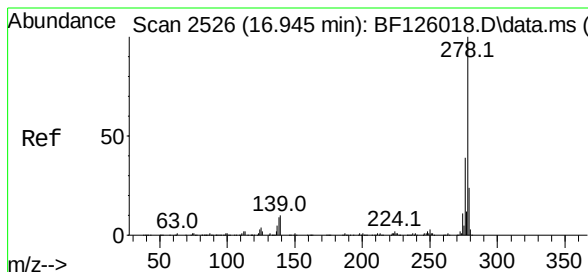
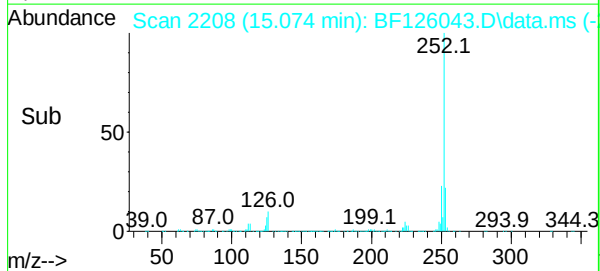
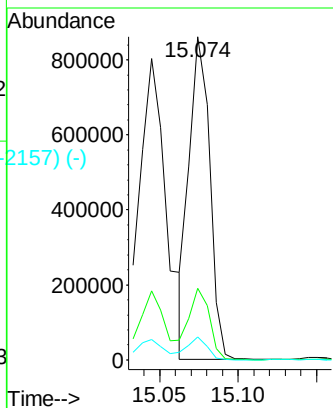
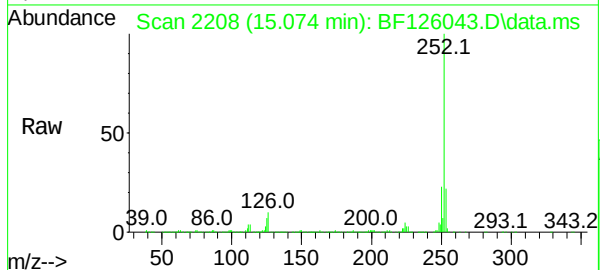




Scan 2208 (15.074 min): BF126018.D\data.ms (-252) (-)
 Benzo(k)fluoranthene
 Concen: 37.51 ng
 RT: 15.074 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

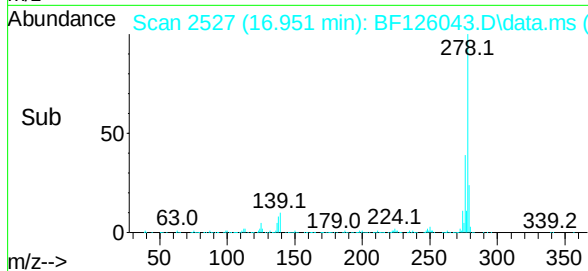
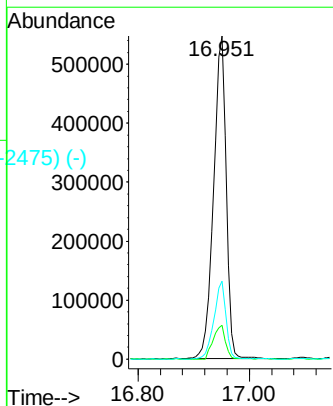
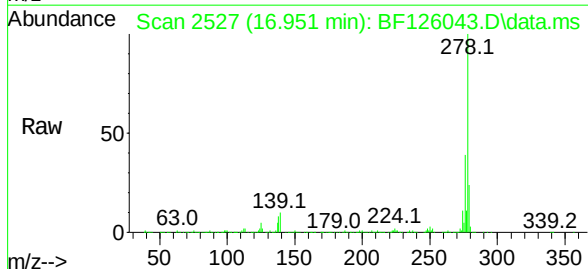
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MS

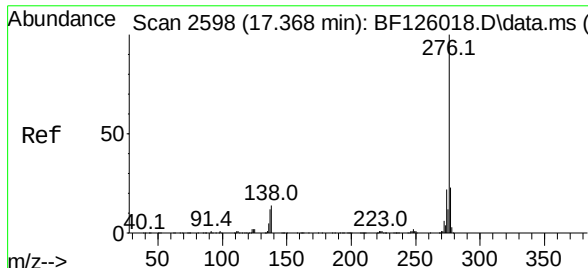
Tgt Ion:	252	Resp:	786394
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	7.2	7.2	10.8#



Scan 2526 (16.945 min): BF126018.D\data.ms (-278) (-)
 Dibenzo(a,h)anthracene
 Concen: 53.39 ng
 RT: 16.951 min Scan# 2527
 Delta R.T. 0.006 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

Tgt Ion:	278	Resp:	862483
Ion	Ratio	Lower	Upper
278	100		
139	10.4	14.9	22.3#
279	24.1	19.7	29.5





Benzo(g,h,i)perylene
 Concen: 52.18 ng
 RT: 17.374 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BF126043.D
 Acq: 4 Nov 2021 13:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MS

Tgt Ion:	276	Resp:	808451
Ion	Ratio	Lower	Upper
276	100		
277	22.4	22.0	33.0
138	12.6	22.2	33.4#

