

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126044.D
 Acq On : 4 Nov 2021 14:20
 Operator : JU/CG
 Sample : M4448-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MSD

Quant Time: Nov 08 07:19:41 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	144878	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	533335	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	318061	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	537363	20.00	ng	0.00
76) Chrysene-d12	14.010	240	297700	20.00	ng	# 0.00
86) Perylene-d12	15.468	264	341180	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	788398	93.45	ng	0.01
7) Phenol-d6	6.481	99	1043832	87.77	ng	0.00
23) Nitrobenzene-d5	7.416	82	761327	67.32	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	356388	97.77	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1473741	62.62	ng	0.00
79) Terphenyl-d14	12.957	244	1253628	67.91	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	132644	37.81	ng	# 100
3) Pyridine	3.428	79	308465	32.68	ng	96
4) n-Nitrosodimethylamine	3.375	42	276520	41.77	ng	# 92
6) Aniline	6.516	93	308798	23.55	ng	# 90
8) 2-Chlorophenol	6.634	128	397801	44.13	ng	# 80
9) Benzaldehyde	6.398	77	287415	42.62	ng	88
10) Phenol	6.498	94	522501	42.97	ng	82
11) bis(2-Chloroethyl)ether	6.586	93	379526	42.85	ng	88
12) 1,3-Dichlorobenzene	6.792	146	434965	42.36	ng	# 91
13) 1,4-Dichlorobenzene	6.869	146	443695	42.38	ng	95
14) 1,2-Dichlorobenzene	7.022	146	425955	42.23	ng	96
15) Benzyl Alcohol	6.992	79	433281	42.66	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.128	45	663627	40.75	ng	94
17) 2-Methylphenol	7.104	107	335844	43.78	ng	# 88
18) Hexachloroethane	7.369	117	175722	44.68	ng	# 83
19) n-Nitroso-di-n-propyla...	7.269	70	343447	43.81	ng	# 83
20) 3+4-Methylphenols	7.257	107	445406	42.94	ng	# 72
22) Acetophenone	7.263	105	635959	41.29	ng	# 87
24) Nitrobenzene	7.433	77	505899	45.17	ng	# 82
25) Isophorone	7.675	82	854453	41.96	ng	# 88
26) 2-Nitrophenol	7.751	139	201868	50.66	ng	# 63
27) 2,4-Dimethylphenol	7.786	122	350072	47.16	ng	# 78
28) bis(2-Chloroethoxy)met...	7.886	93	486568	40.52	ng	# 97
29) 2,4-Dichlorophenol	7.992	162	362306	43.24	ng	96
30) 1,2,4-Trichlorobenzene	8.075	180	420833	41.19	ng	99
31) Naphthalene	8.157	128	1166857	42.24	ng	99
32) Benzoic acid	7.910	122	208709	45.83	ng	# 67
33) 4-Chloroaniline	8.204	127	91610	8.30	ng	# 88
34) Hexachlorobutadiene	8.275	225	286182	40.69	ng	99
35) Caprolactam	8.575	113	67418	28.89	ng	# 62
36) 4-Chloro-3-methylphenol	8.686	107	415299	42.98	ng	87
37) 2-Methylnaphthalene	8.851	142	846481	44.37	ng	99
38) 1-Methylnaphthalene	8.951	142	768135	41.56	ng	97
40) 1,2,4,5-Tetrachloroben...	9.016	216	447775	42.01	ng	98
41) Hexachlorocyclopentadiene	9.004	237	476180	85.98	ng	99

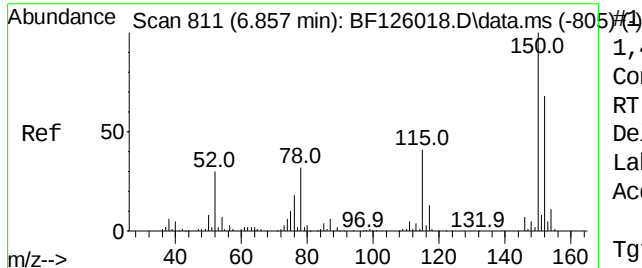
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
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 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.127	196	286207	44.34	ng	99
44) 2,4,5-Trichlorophenol	9.163	196	304737	43.70	ng	95
46) 1,1'-Biphenyl	9.310	154	1018970	41.45	ng	98
47) 2-Chloronaphthalene	9.333	162	818795	42.31	ng	99
48) 2-Nitroaniline	9.427	65	288132	45.67	ng	# 70
49) Acenaphthylene	9.751	152	1249376	42.69	ng	98
50) Dimethylphthalate	9.616	163	987677	42.65	ng	99
51) 2,6-Dinitrotoluene	9.669	165	202733	51.08	ng	# 57
52) Acenaphthene	9.922	154	854137	46.28	ng	97
53) 3-Nitroaniline	9.833	138	83156	20.44	ng	# 59
54) 2,4-Dinitrophenol	9.945	184	149038	73.88	ng	89
55) Dibenzofuran	10.098	168	1131712	40.73	ng	99
56) 4-Nitrophenol	9.998	139	266533	83.00	ng	# 46
57) 2,4-Dinitrotoluene	10.074	165	274909	48.08	ng	# 87
58) Fluorene	10.439	166	914057	40.98	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	246141	41.68	ng	# 90
60) Diethylphthalate	10.310	149	978946	42.16	ng	100
61) 4-Chlorophenyl-phenyle...	10.427	204	491878	41.23	ng	94
62) 4-Nitroaniline	10.451	138	158825	37.42	ng	82
63) Azobenzene	10.592	77	1003898	39.81	ng	94
65) 4,6-Dinitro-2-methylph...	10.480	198	108519	42.99	ng	97
66) n-Nitrosodiphenylamine	10.545	169	773813	45.22	ng	96
67) 4-Bromophenyl-phenylether	10.921	248	299530	46.02	ng	94
68) Hexachlorobenzene	10.986	284	307395	45.21	ng	# 89
69) Atrazine	11.074	200	283444	46.83	ng	92
70) Pentachlorophenol	11.174	266	319332	87.16	ng	96
71) Phenanthrene	11.398	178	1255386	43.08	ng	98
72) Anthracene	11.451	178	1263454	43.43	ng	99
73) Carbazole	11.598	167	989858	36.68	ng	99
74) Di-n-butylphthalate	11.933	149	1418919	45.13	ng	# 98
75) Fluoranthene	12.580	202	1225355	37.76	ng	96
77) Benzidine	12.704	184	370500	37.23	ng	98
78) Pyrene	12.810	202	1167672	48.91	ng	97
80) Butylbenzylphthalate	13.433	149	426476	49.04	ng	86
81) Benzo(a)anthracene	13.998	228	891832	43.61	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	218614	36.63	ng	98
83) Chrysene	14.033	228	869291	45.68	ng	97
84) Bis(2-ethylhexyl)phtha...	13.992	149	617364	51.22	ng	# 99
85) Di-n-octyl phthalate	14.604	149	977205	57.07	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1003672	49.70	ng	# 84
88) Benzo(b)fluoranthene	15.045	252	992820	44.74	ng	# 94
90) Benzo(a)pyrene	15.409	252	901271	51.55	ng	# 94
91) Dibenzo(a,h)anthracene	16.951	278	853279	51.44	ng	# 91
92) Benzo(g,h,i)perylene	17.368	276	786305	49.43	ng	# 84

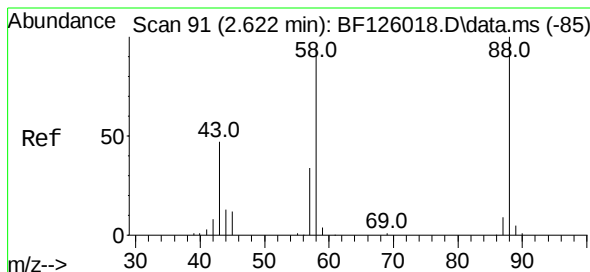
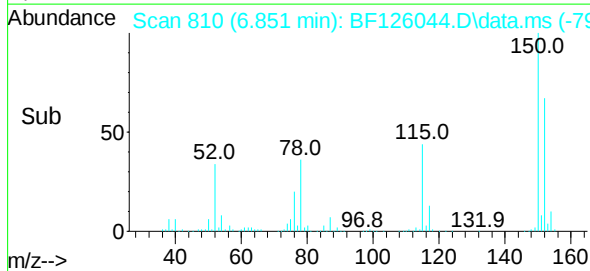
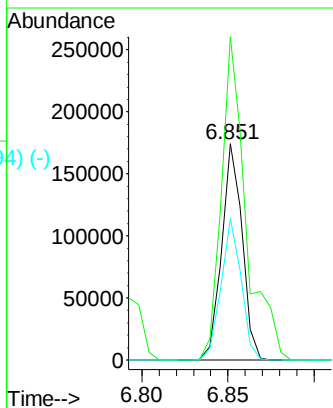
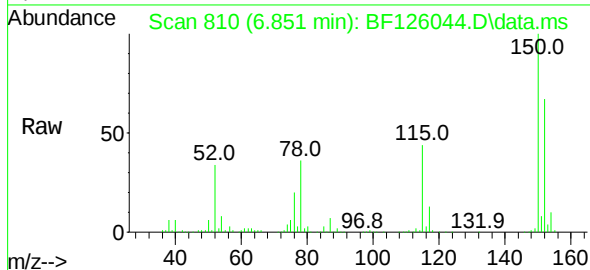
(#) = qualifier out of range (m) = manual integration (+) = signals summed



1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.851 min Scan# 811
 Delta R.T. -0.006 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20

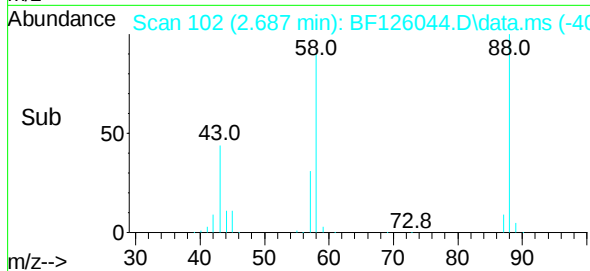
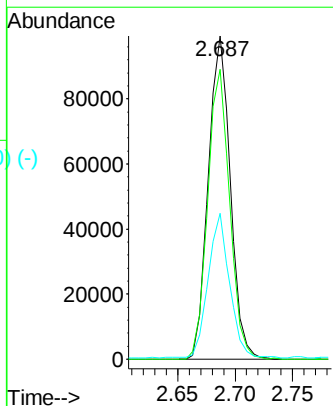
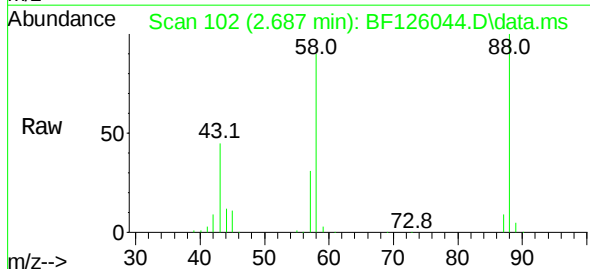
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MSD

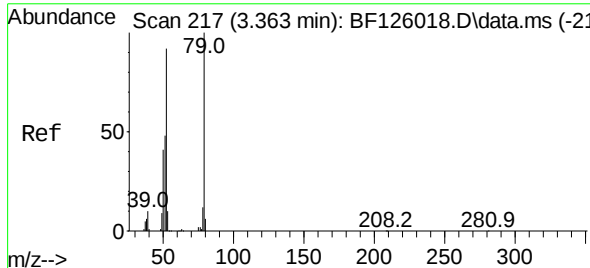
Tgt Ion:152 Resp: 144878
 Ion Ratio Lower Upper
 152 100
 150 149.5 117.6 176.4
 115 65.3 47.1 70.7



1,4-Dioxane
 Concen: 37.81 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.065 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20

Tgt Ion: 88 Resp: 132644
 Ion Ratio Lower Upper
 88 100
 58 89.5 0.0 0.0#
 43 43.4 0.0 0.0#





Pyridine

Concen: 32.68 ng

RT: 3.428 min Scan# 217

Delta R.T. 0.065 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

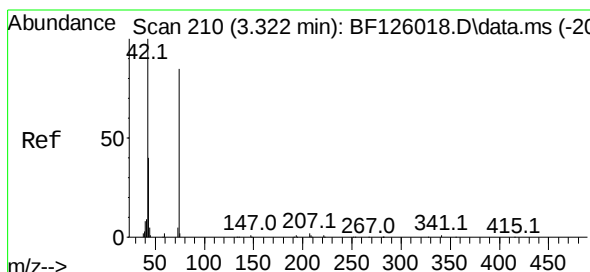
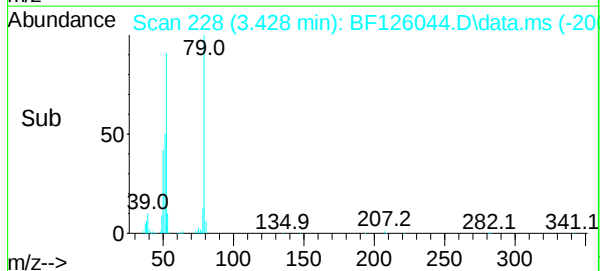
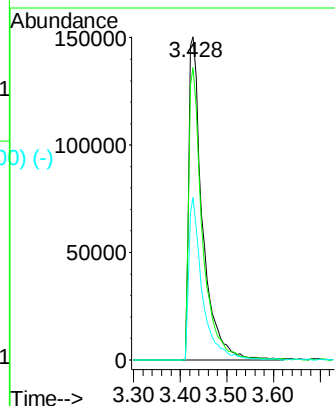
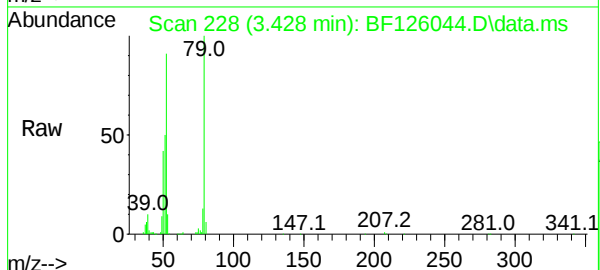
Tgt Ion: 79 Resp: 308465

Ion Ratio Lower Upper

79 100

52 90.6 70.3 105.5

51 50.4 44.1 66.1



n-Nitrosodimethylamine

Concen: 41.77 ng

RT: 3.375 min Scan# 219

Delta R.T. 0.053 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

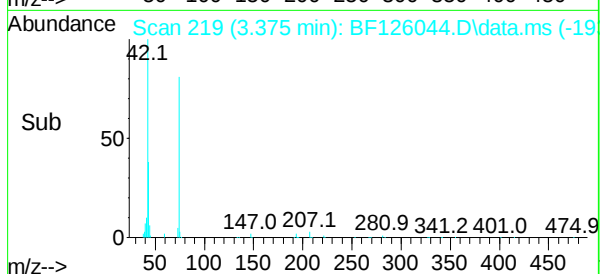
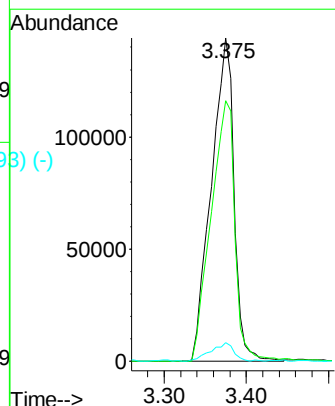
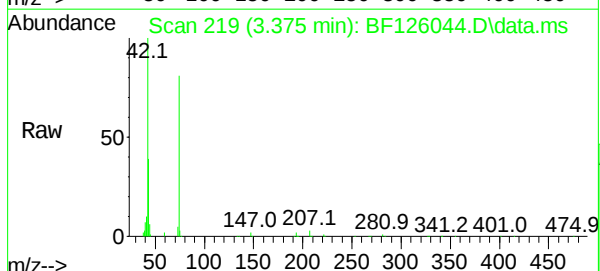
Tgt Ion: 42 Resp: 276520

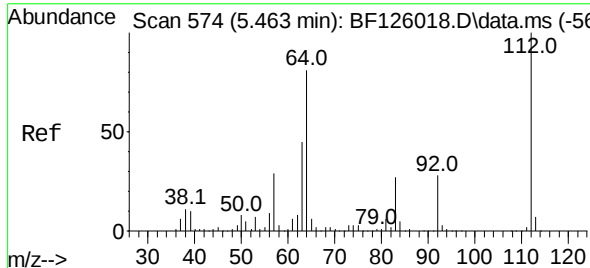
Ion Ratio Lower Upper

42 100

74 80.6 59.0 88.6

44 5.7 0.0 0.0#





2-Fluorophenol

Concen: 93.45 ng

RT: 5.475 min Scan# 5

Delta R.T. 0.012 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

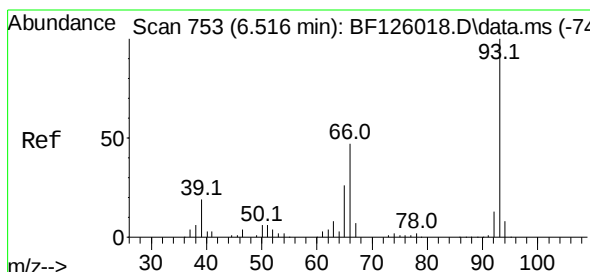
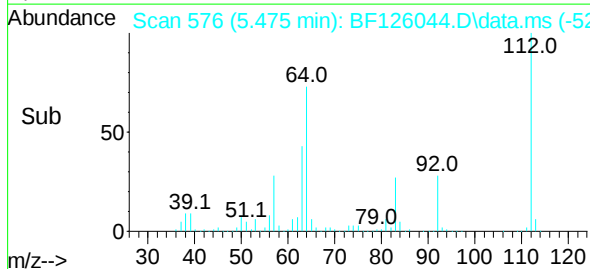
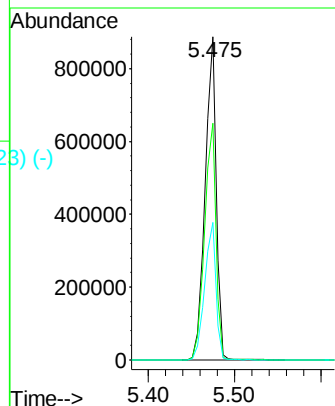
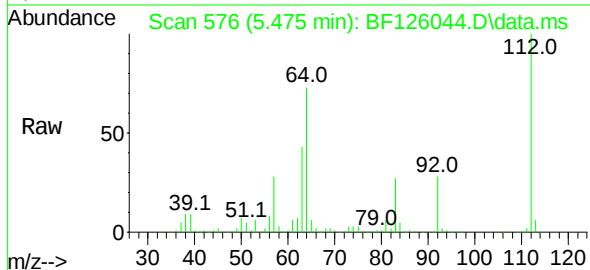
Tgt Ion:112 Resp: 788398

Ion Ratio Lower Upper

112 100

64 73.2 44.2 66.2#

63 42.5 26.2 39.2#



Aniline

Concen: 23.55 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

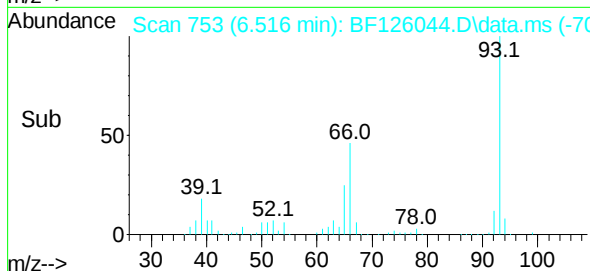
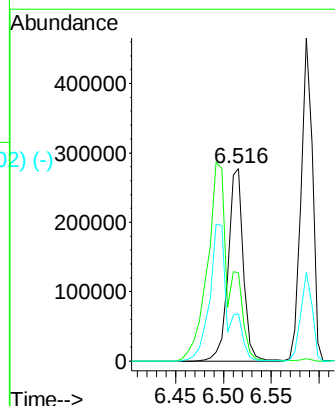
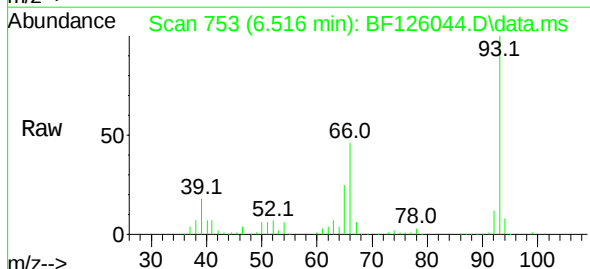
Tgt Ion: 93 Resp: 308798

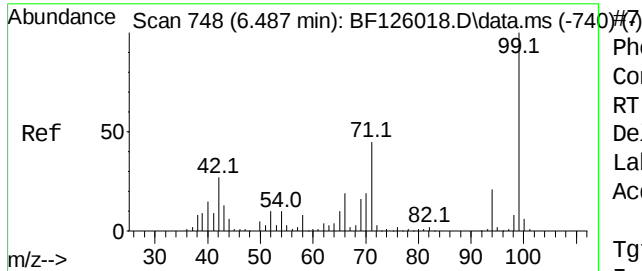
Ion Ratio Lower Upper

93 100

66 45.9 32.7 49.1

65 24.5 14.2 21.4#





Phenol-d6

Concen: 87.77 ng

RT: 6.481 min Scan#

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

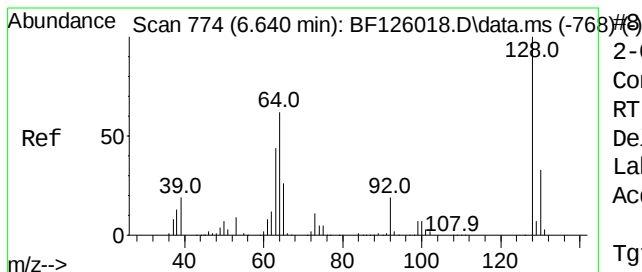
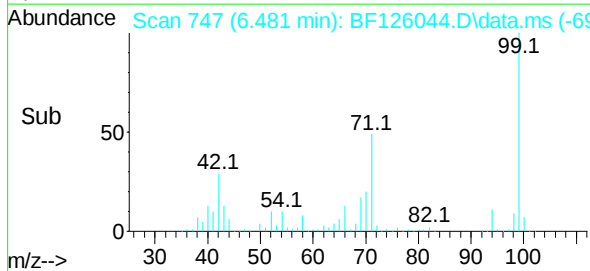
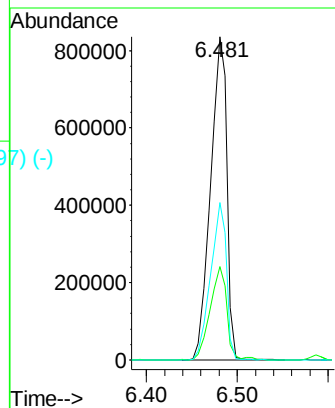
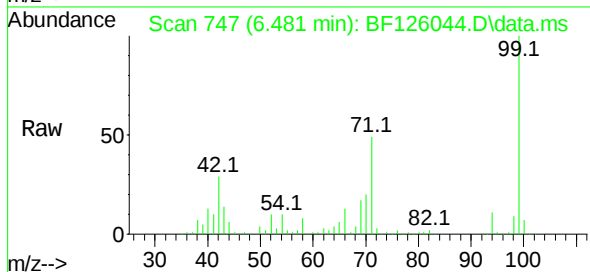
Tgt Ion: 99 Resp: 1043832

Ion Ratio Lower Upper

99 100

42 29.0 23.5 35.3

71 48.7 25.6 38.4#



2-Chlorophenol

Concen: 44.13 ng

RT: 6.634 min Scan# 773

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

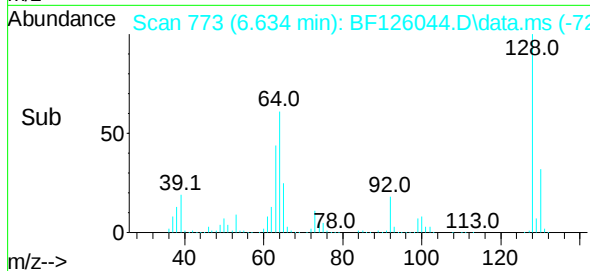
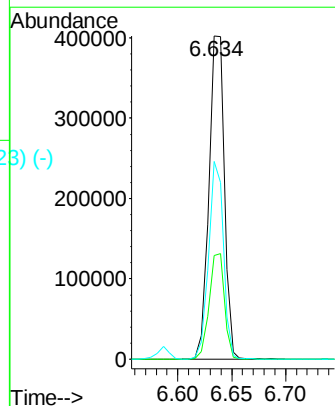
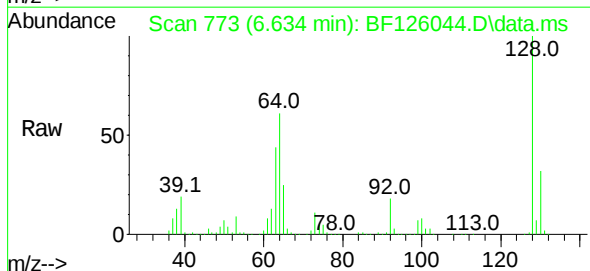
Tgt Ion: 128 Resp: 397801

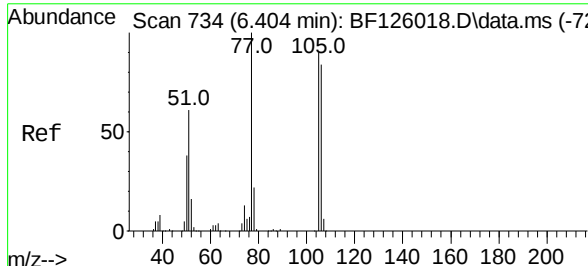
Ion Ratio Lower Upper

128 100

130 32.1 10.5 50.5

64 61.2 20.3 60.3#

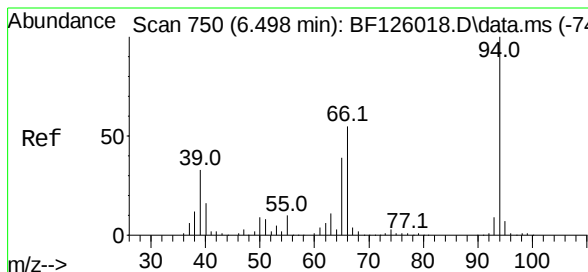
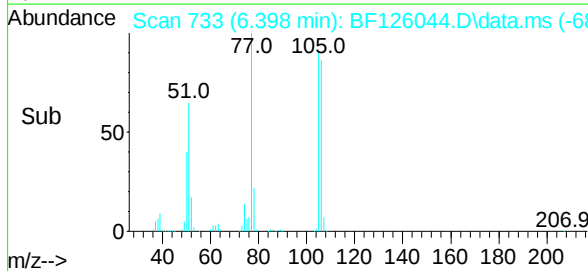
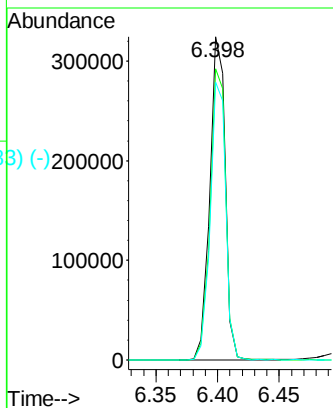
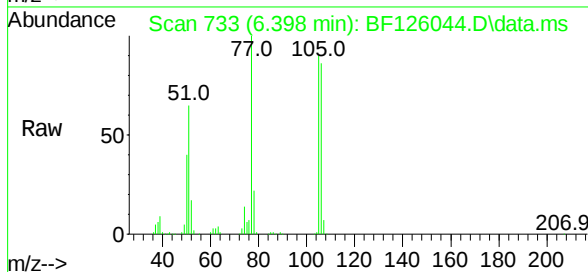




Scan 734 (6.404 min): BF126018.D\data.ms (-728)
 Benzaldehyde
 Concen: 42.62 ng
 RT: 6.398 min Scan# 734
 Delta R.T. -0.006 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20

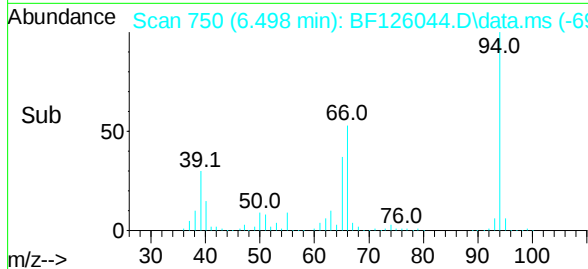
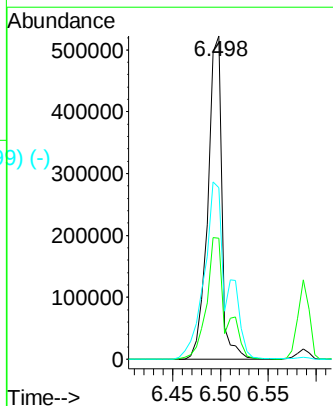
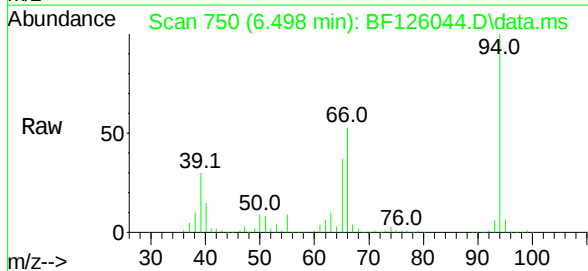
Instrument :
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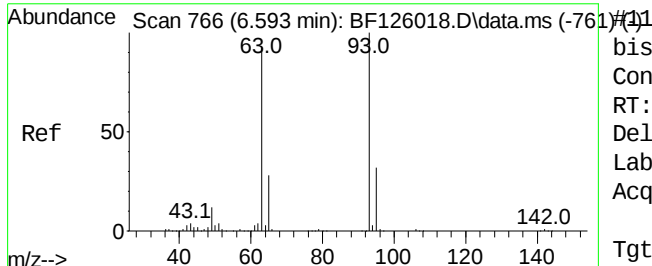
Tgt Ion:	77	Resp:	287415
Ion	Ratio	Lower	Upper
77	100		
105	90.2	75.9	115.9
106	86.0	84.0	124.0



Scan 750 (6.498 min): BF126018.D\data.ms (-742)
 Phenol
 Concen: 42.97 ng
 RT: 6.498 min Scan# 750
 Delta R.T. 0.000 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20

Tgt Ion:	94	Resp:	522501
Ion	Ratio	Lower	Upper
94	100		
65	37.5	9.3	49.3
66	53.1	20.3	60.3

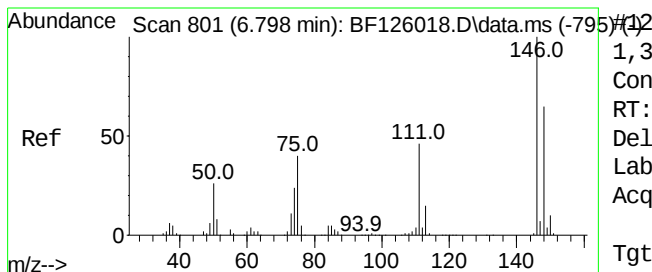
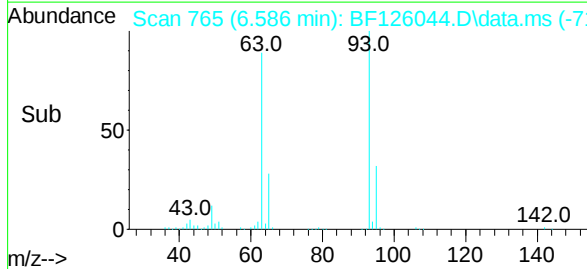
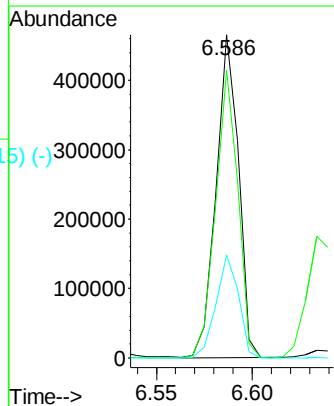
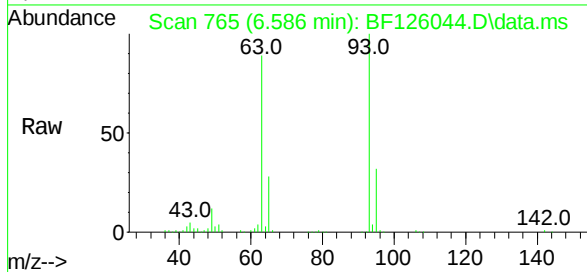




bis(2-Chloroethyl)ether
Concen: 42.85 ng
RT: 6.586 min Scan#
Delta R.T. -0.007 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

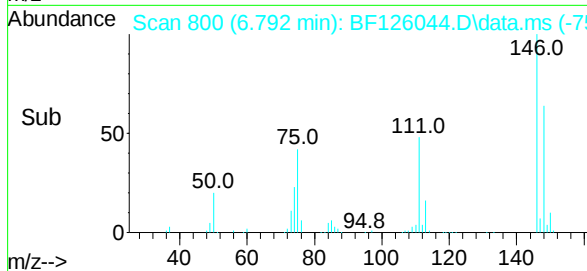
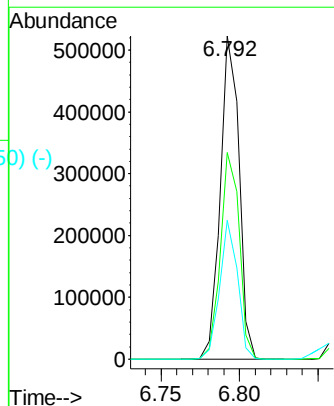
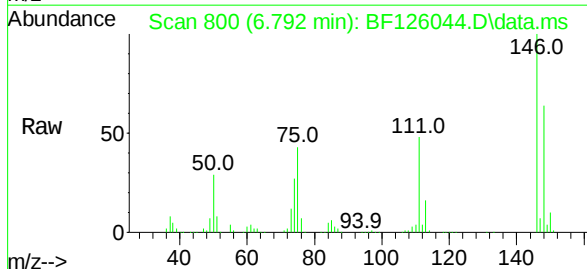
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

Tgt Ion:	93	Resp:	379526
Ion	Ratio	Lower	Upper
93	100		
63	89.2	54.4	94.4
95	31.8	11.4	51.4



1,3-Dichlorobenzene
Concen: 42.36 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:	146	Resp:	434965
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: 42.38 ng

RT: 6.869 min Scan# 813

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

Tgt Ion:146 Resp: 443695

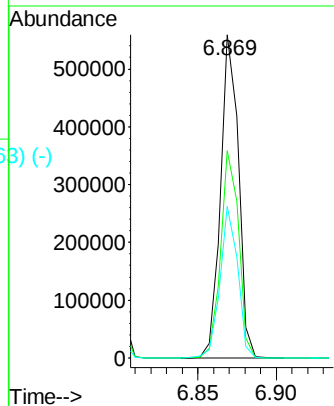
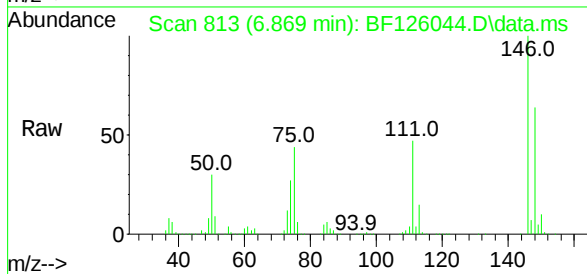
Ion Ratio Lower Upper

146 100

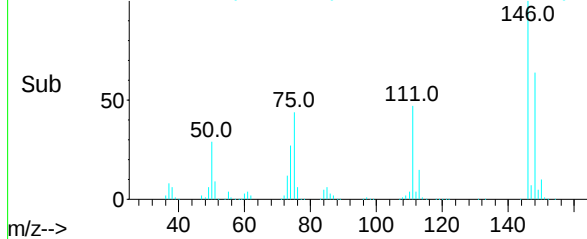
148 64.2 51.9 77.9

111 46.9 31.8 47.6

Abundance Scan 813 (6.869 min): BF126044.D\data.ms



Abundance Scan 813 (6.869 min): BF126044.D\data.ms (-763) (-)



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

1,2-Dichlorobenzene

Concen: 42.23 ng

RT: 7.022 min Scan# 839

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion:146 Resp: 425955

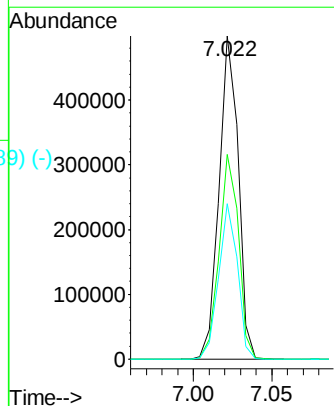
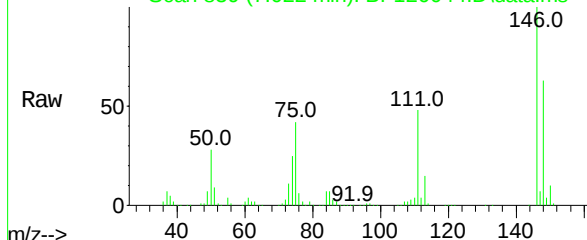
Ion Ratio Lower Upper

146 100

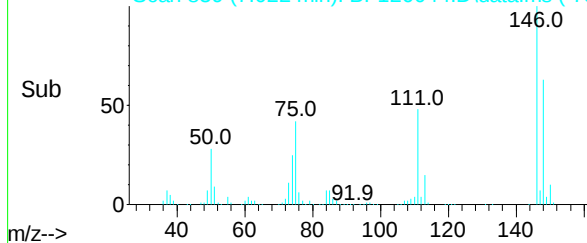
148 63.5 50.6 75.8

111 48.1 33.5 50.3

Abundance Scan 839 (7.022 min): BF126044.D\data.ms



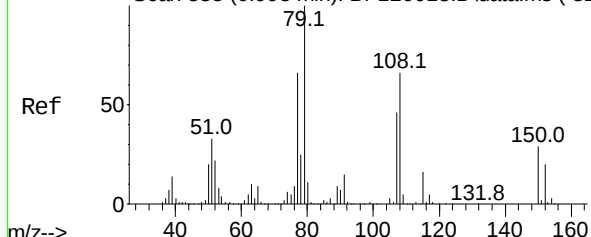
Abundance Scan 839 (7.022 min): BF126044.D\data.ms (-789) (-)



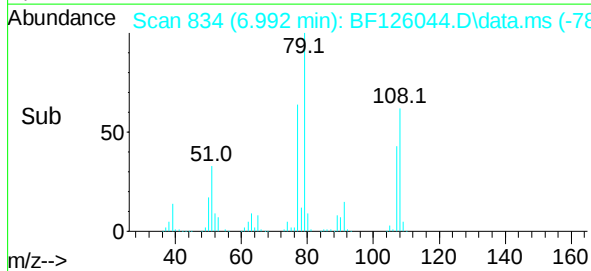
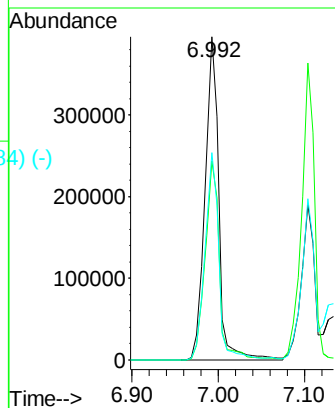
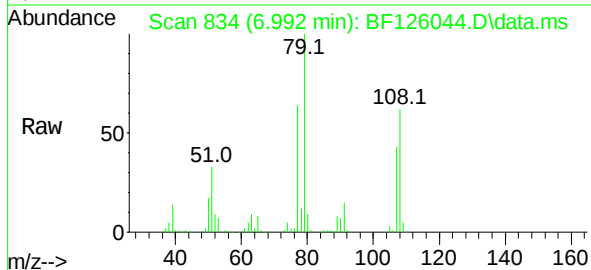
Abundance Scan 835 (6.998 min): BF126018.D\data.ms (-828) #15

Benzyl Alcohol
Concen: 42.66 ng
RT: 6.992 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



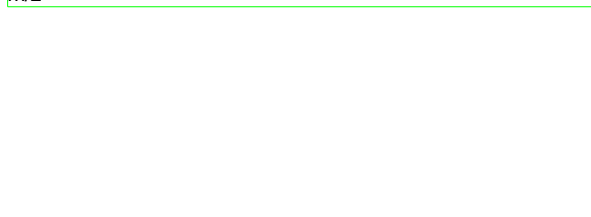
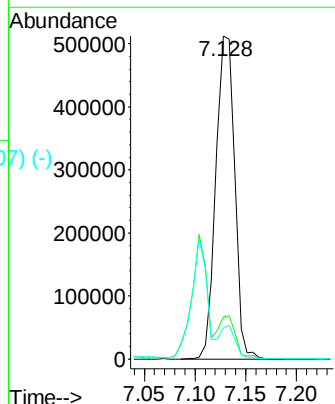
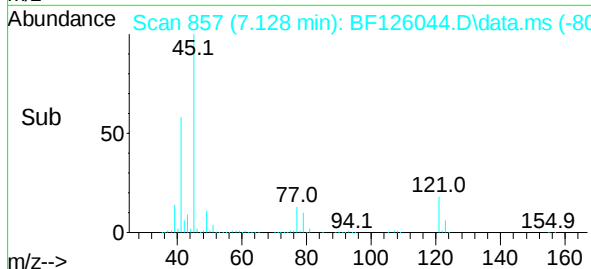
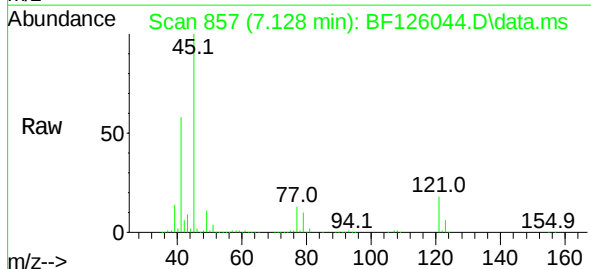
Tgt Ion:	79	Resp:	433281
Ion	Ratio	Lower	Upper
79	100		
108	61.6	60.4	90.6
77	64.2	51.5	77.3



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

2,2'-oxybis(1-Chloropropane)
Concen: 40.75 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:	45	Resp:	663627
Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	30.6
79	9.7	0.0	27.5



Abundance Scan 853 (7.104 min): BF126018.D\data.ms (-846) #17

2-Methylphenol

Concen: 43.78 ng

RT: 7.104 min Scan# 853

Delta R.T. 0.000 min

Lab File: BF126044.D

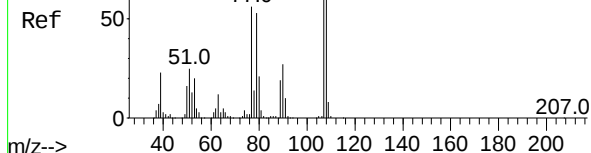
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD



Tgt Ion:107 Resp: 335844

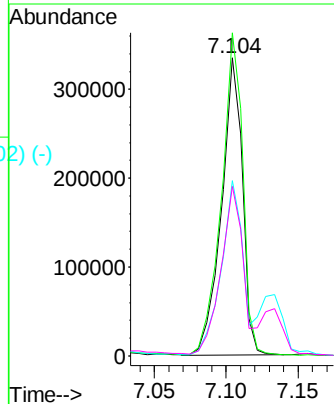
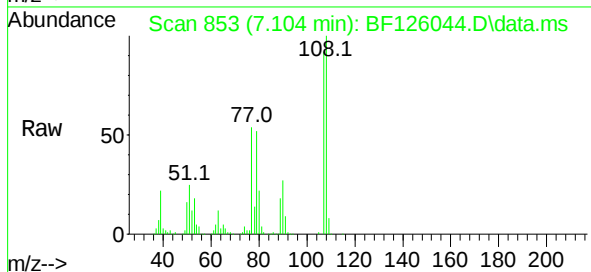
Ion Ratio Lower Upper

107 100

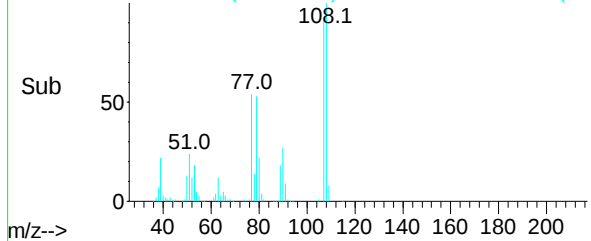
108 108.3 90.6 135.8

77 58.8 35.7 53.5#

79 56.8 34.0 51.0#



Abundance Scan 853 (7.104 min): BF126044.D\data.ms (-802) (-)



Abundance Scan 898 (7.369 min): BF126018.D\data.ms (-893) #18

Hexachloroethane

Concen: 44.68 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

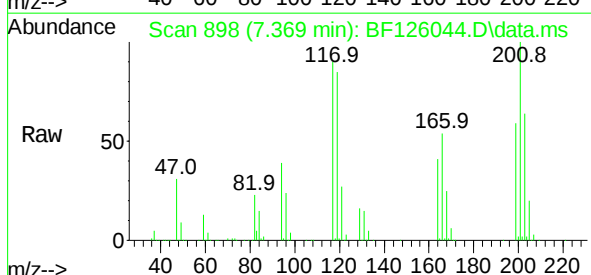
Tgt Ion:117 Resp: 175722

Ion Ratio Lower Upper

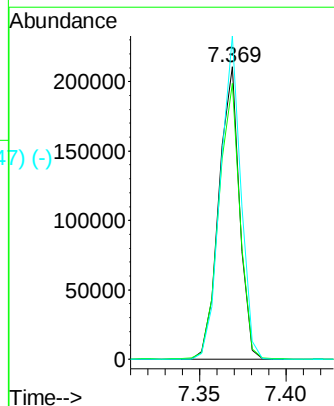
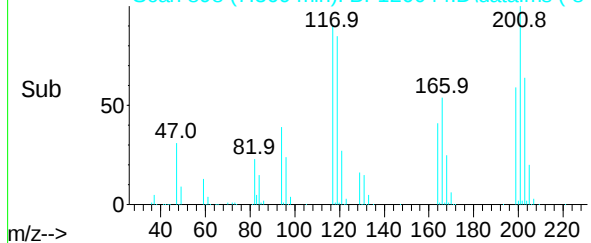
117 100

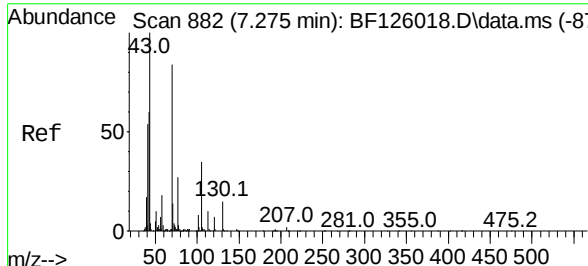
119 94.4 73.4 110.2

201 110.6 64.9 97.3#



Abundance Scan 898 (7.369 min): BF126044.D\data.ms (-847) (-)

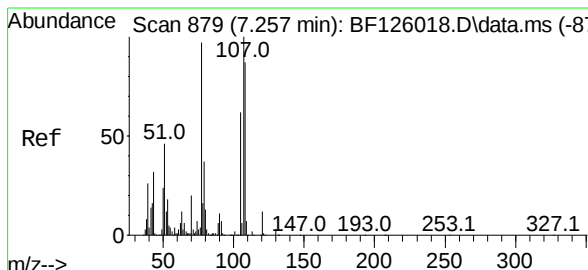
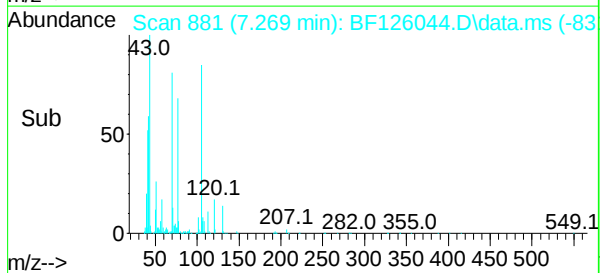
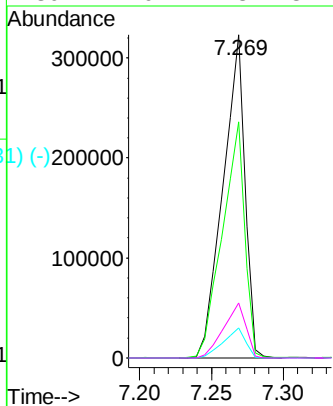
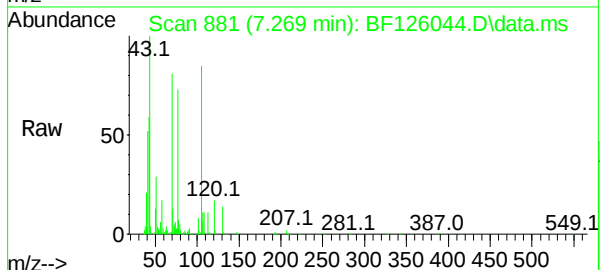




#19
n-Nitroso-di-n-propylamine
Concen: 43.81 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

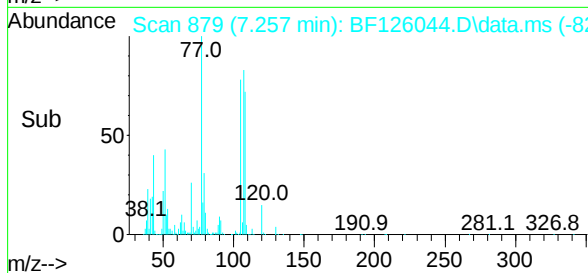
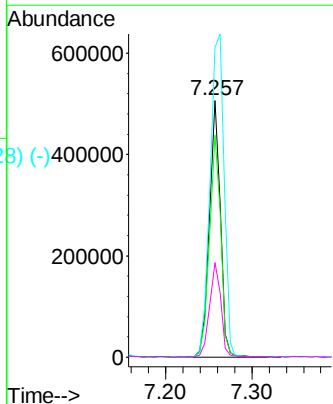
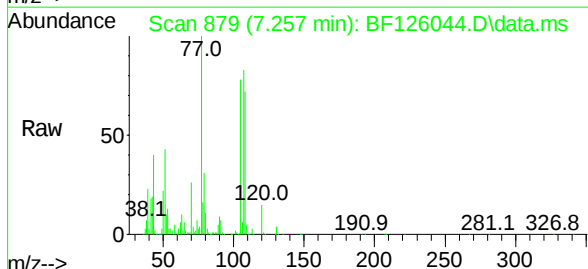
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

Tgt Ion:	70	Resp:	343447
Ion	Ratio	Lower	Upper
70	100		
42	73.0	72.2	108.2
101	9.3	7.8	11.8
130	17.0	21.8	32.6#

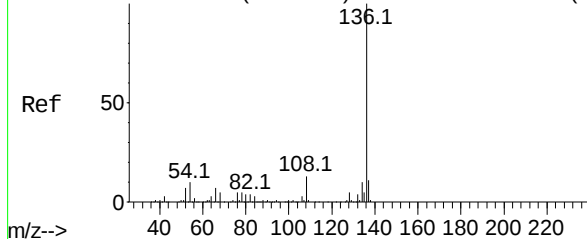


#20
3+4-Methylphenols
Concen: 42.94 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:	107	Resp:	445406
Ion	Ratio	Lower	Upper
107	100		
108	86.4	76.6	116.6
77	120.6	53.3	93.3#
79	36.8	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: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

Tgt Ion:136 Resp: 533335

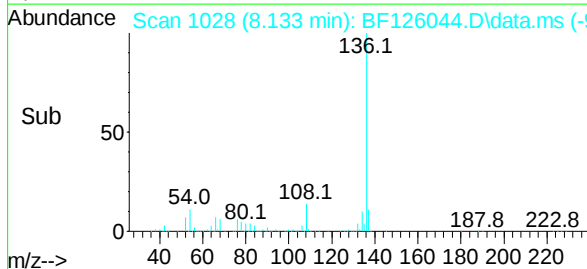
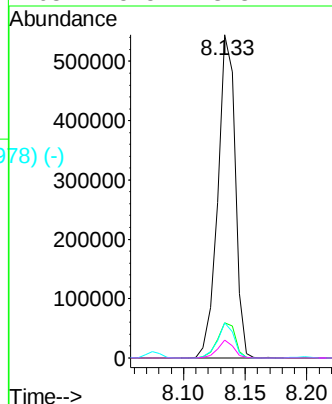
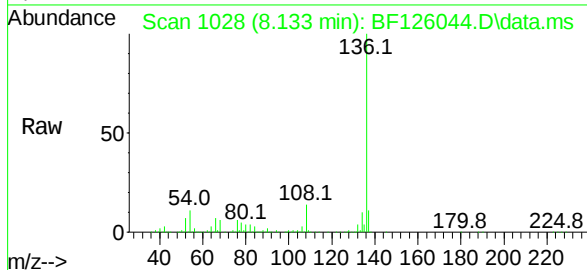
Ion Ratio Lower Upper

136 100

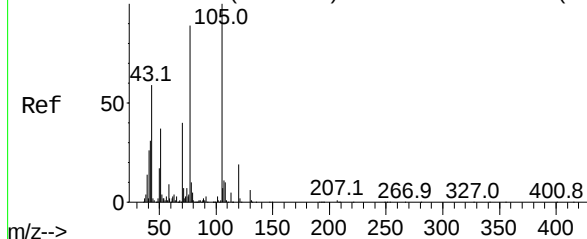
137 10.8 9.8 14.6

54 10.8 6.4 9.6#

68 5.5 3.3 4.9#



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



Acetophenone

Concen: 41.29 ng

RT: 7.263 min Scan# 880

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion:105 Resp: 635959

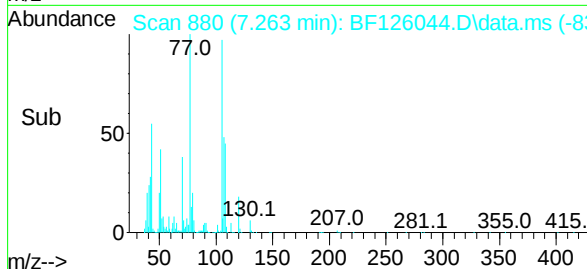
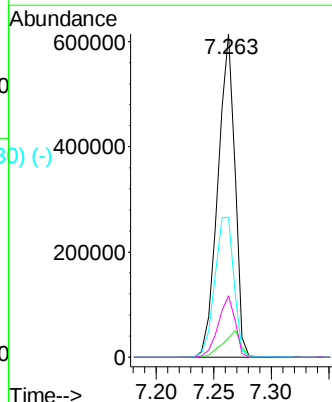
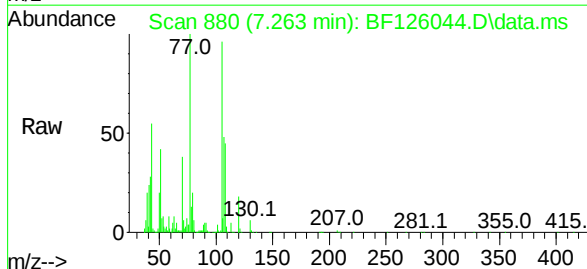
Ion Ratio Lower Upper

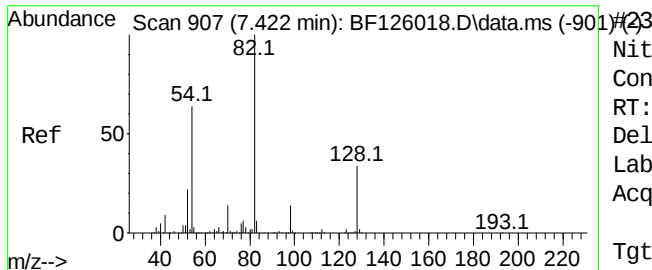
105 100

71 6.0 5.5 8.3

51 43.3 26.0 39.0#

120 19.0 18.5 27.7





Nitrobenzene-d5

Concen: 67.32 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

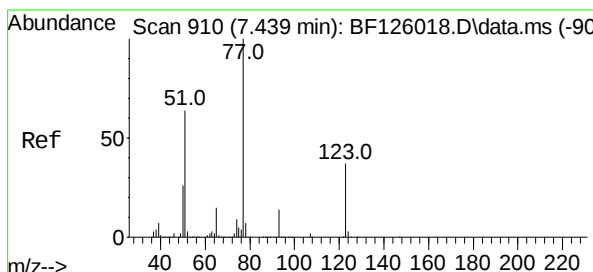
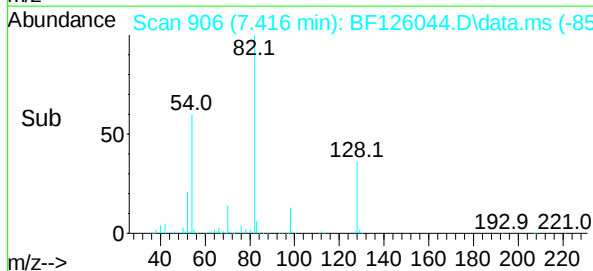
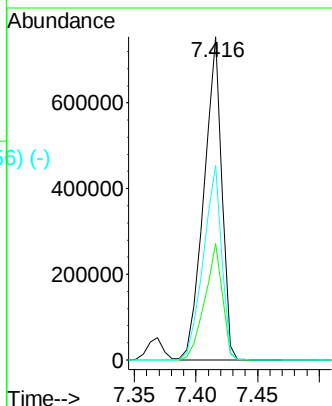
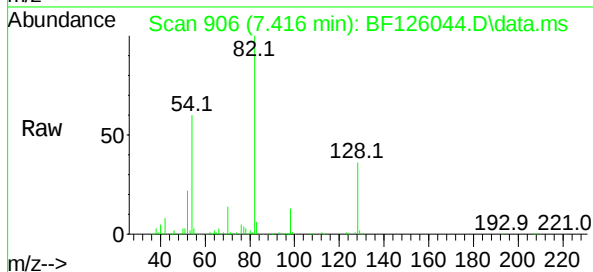
Tgt Ion: 82 Resp: 761327

Ion Ratio Lower Upper

82 100

128 36.1 40.6 60.8#

54 60.2 49.6 74.4



Nitrobenzene

Concen: 45.17 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

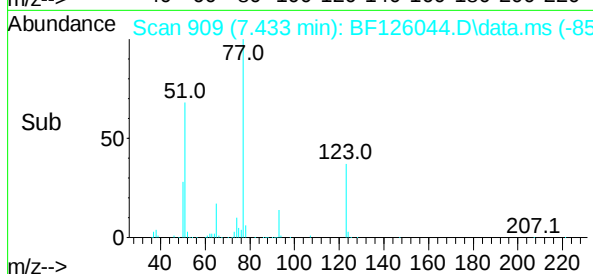
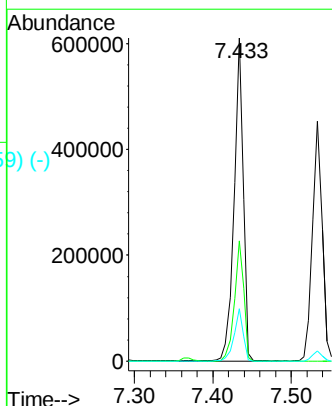
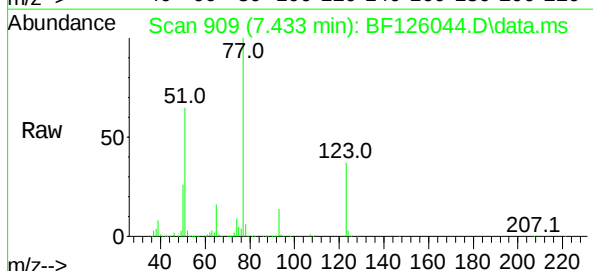
Tgt Ion: 77 Resp: 505899

Ion Ratio Lower Upper

77 100

123 37.2 42.3 63.5#

65 16.2 12.4 18.6



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

Isophorone

Concen: 41.96 ng

RT: 7.675 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNF_F

ClientSampleId :

VNJ-224MSD

Tgt Ion: 82 Resp: 854453

Ion Ratio Lower Upper

82 100

95 8.2 6.5 9.7

138 15.2 18.4 27.6#

Abundance Scan 950 (7.675 min): BF126044.D\data.ms

Ref 50

39.0 82.0 110.0 138.1

m/z-->

Raw 50

39.1 82.0 110.0 138.1 207.0

m/z-->

Abundance Scan 950 (7.675 min): BF126044.D\data.ms (-900) (-)

Sub 50

39.0 82.0 110.0 138.1

m/z-->

Abundance

800000

600000

400000

200000

0

7.60 7.65 7.70

Time-->

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

2-Nitrophenol

Concen: 50.66 ng

RT: 7.751 min Scan# 963

Delta R.T. 0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion:139 Resp: 201868

Ion Ratio Lower Upper

139 100

109 44.1 26.0 39.0#

65 70.0 31.0 46.4#

Abundance Scan 963 (7.751 min): BF126044.D\data.ms

Ref 50

39.0 65.0 109.0 139.0 207.0

m/z-->

Raw 50

39.1 65.0 109.0 139.0

m/z-->

Abundance Scan 963 (7.751 min): BF126044.D\data.ms (-912) (-)

Sub 50

39.0 65.0 109.0 139.0

m/z-->

Abundance

200000

150000

100000

50000

0

7.70 7.75 7.80

Time-->

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

2,4-Dimethylphenol

Concen: 47.16 ng

RT: 7.786 min Scan# 969

Delta R.T. -0.001 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

Tgt Ion:122 Resp: 350072

Ion Ratio Lower Upper

122 100

107 136.7 85.0 127.6#

121 58.9 43.3 64.9

Abundance Scan 969 (7.786 min): BF126044.D\data.ms

Ref 50

107.0

77.0

51.0

192.9

m/z-->

Abundance Scan 969 (7.786 min): BF126044.D\data.ms

Raw 50

107.0

77.0

39.1

m/z-->

Abundance Scan 969 (7.786 min): BF126044.D\data.ms (-918) (-)

Sub 50

107.0

77.0

39.1

m/z-->

Abundance

500000

400000

300000

200000

100000

0

7.75

7.786

7.80

Time-->

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

bis(2-Chloroethoxy)methane

Concen: 40.52 ng

RT: 7.886 min Scan# 986

Delta R.T. -0.001 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion: 93 Resp: 486568

Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 11.0 11.7 17.5#

Abundance Scan 986 (7.886 min): BF126044.D\data.ms

Ref 50

93.0

63.0

44.0

123.0

143.1

171.0

m/z-->

Abundance Scan 986 (7.886 min): BF126044.D\data.ms

Raw 50

93.0

63.0

44.1

123.0

143.1

171.0

m/z-->

Abundance Scan 986 (7.886 min): BF126044.D\data.ms (-935) (-)

Sub 50

93.0

63.0

44.0

123.0

143.1

171.0

m/z-->

Abundance

500000

400000

300000

200000

100000

0

7.80

7.886

8.00

Time-->

Abundance Scan 1004 (7.992 min): BF126018.D\data.ms (-998) (-)

2,4-Dichlorophenol

Concen: 43.24 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

Tgt Ion:162 Resp: 362306

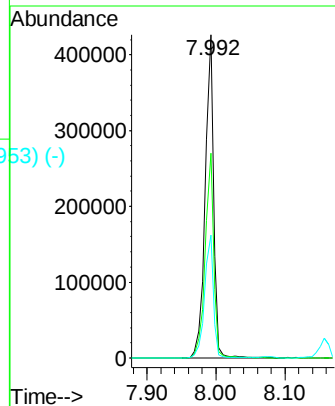
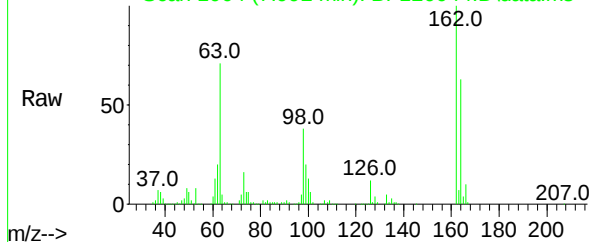
Ion Ratio Lower Upper

162 100

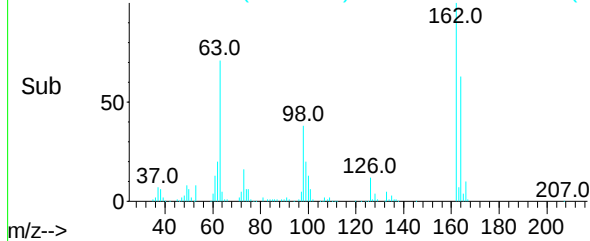
164 63.4 44.5 84.5

98 38.1 13.0 53.0

Abundance Scan 1004 (7.992 min): BF126044.D\data.ms



Abundance Scan 1004 (7.992 min): BF126044.D\data.ms (-953) (-)



Abundance Scan 1019 (8.081 min): BF126018.D\data.ms (-1012) (-)

1,2,4-Trichlorobenzene

Concen: 41.19 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion:180 Resp: 420833

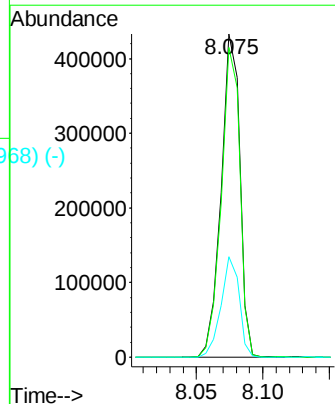
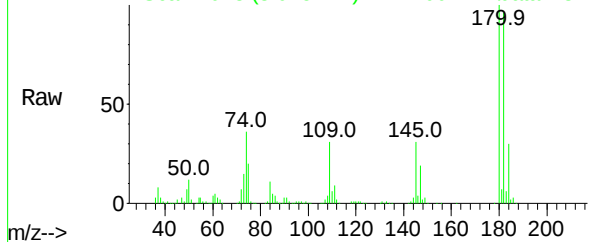
Ion Ratio Lower Upper

180 100

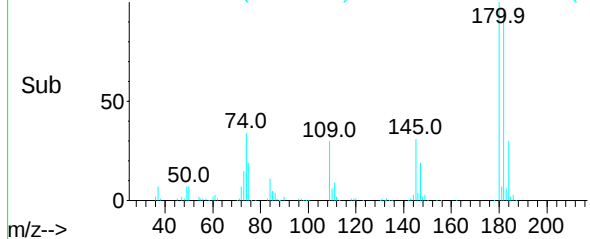
182 95.9 76.8 115.2

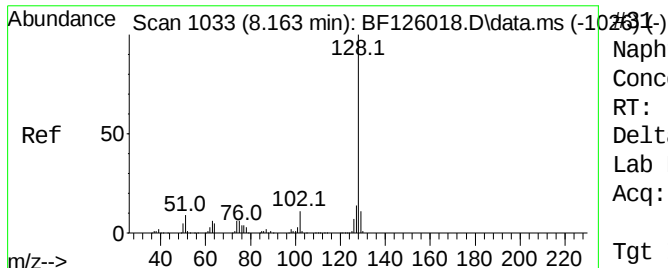
145 31.1 26.7 40.1

Abundance Scan 1018 (8.075 min): BF126044.D\data.ms



Abundance Scan 1018 (8.075 min): BF126044.D\data.ms (-958) (-)

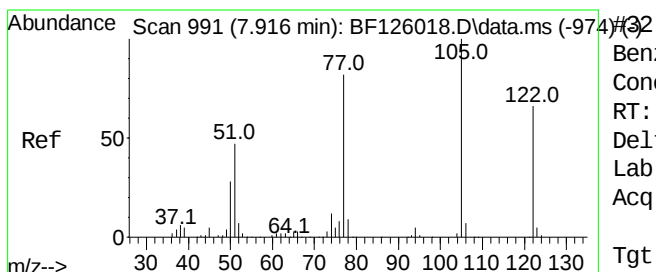
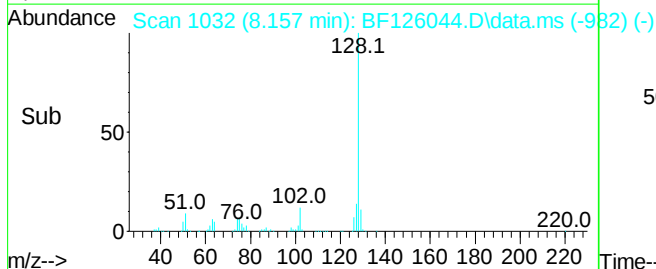
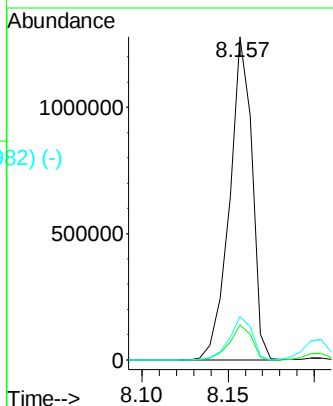
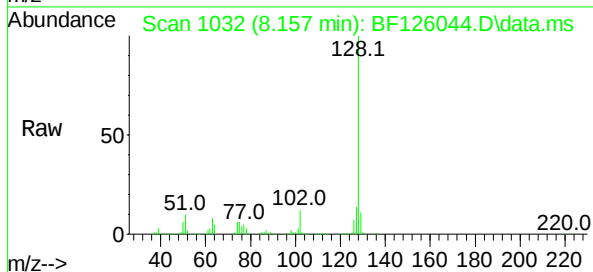




#31
Naphthalene
Concen: 42.24 ng
RT: 8.157 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

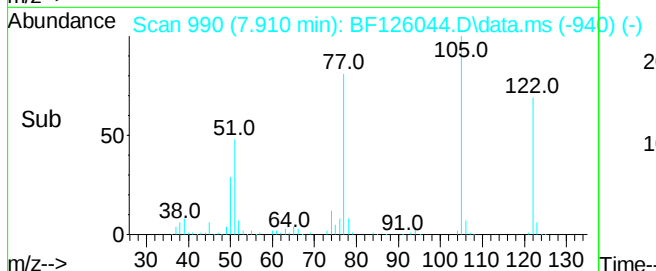
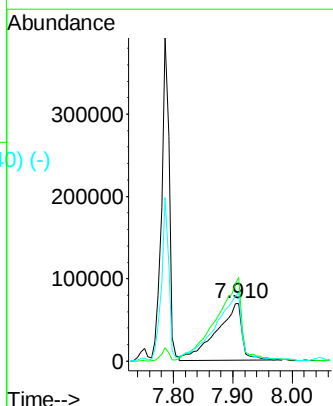
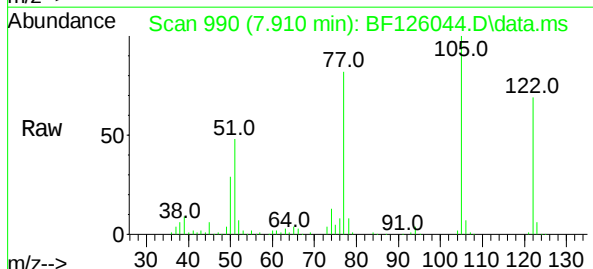
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

Tgt Ion:128 Resp: 1166857
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.0
127 13.5 10.9 16.3

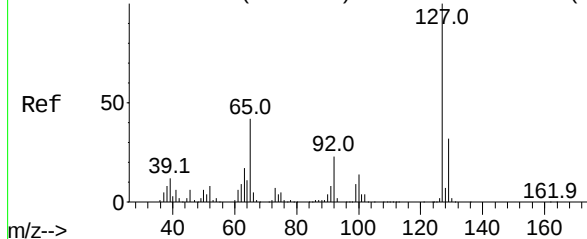


#32
Benzoic acid
Concen: 45.83 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:122 Resp: 208709
Ion Ratio Lower Upper
122 100
105 145.8 97.6 137.6#
77 119.1 59.6 99.6#



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



4-Chloroaniline

Concen: 8.30 ng

RT: 8.204 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

Tgt Ion:127 Resp: 91610

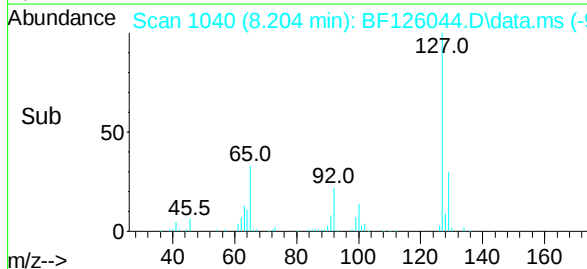
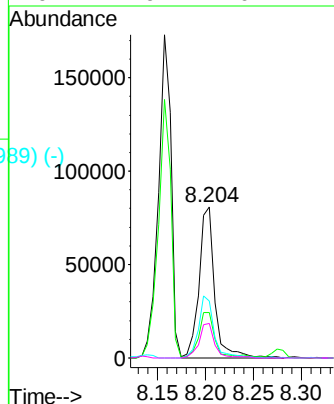
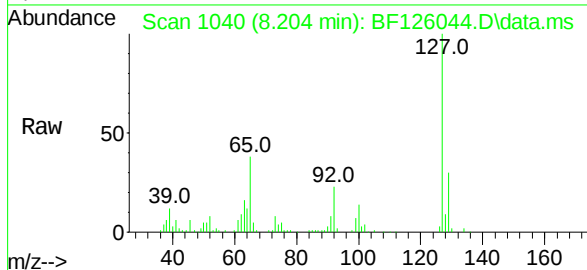
Ion Ratio Lower Upper

127 100

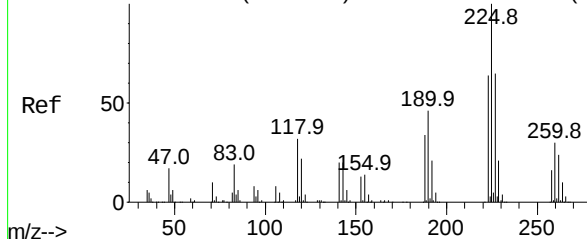
129 30.3 25.7 38.5

65 37.6 21.2 31.8#

92 22.9 14.0 21.0#



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



Hexachlorobutadiene

Concen: 40.69 ng

RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

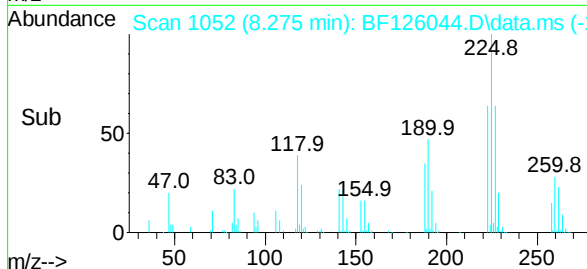
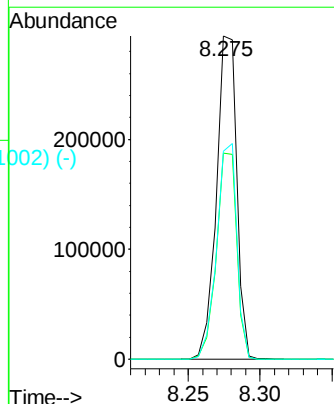
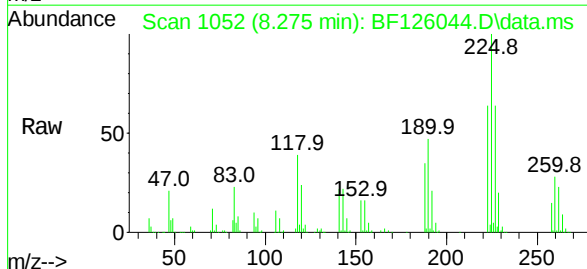
Tgt Ion:225 Resp: 286182

Ion Ratio Lower Upper

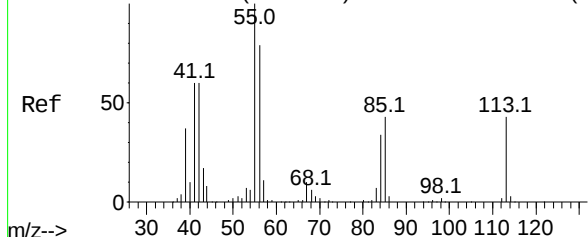
225 100

223 63.8 50.6 76.0

227 64.3 50.6 75.8



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



Caprolactam

Concen: 28.89 ng

RT: 8.575 min Scan#

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

Tgt Ion:113 Resp: 67418

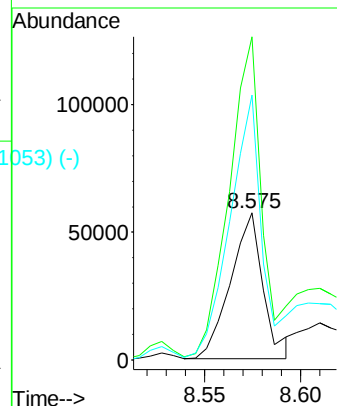
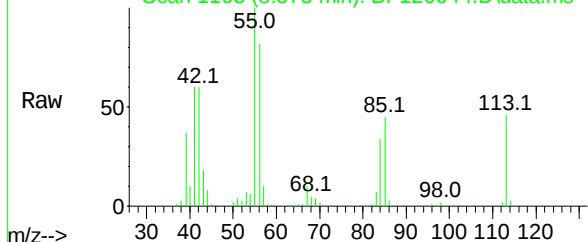
Ion Ratio Lower Upper

113 100

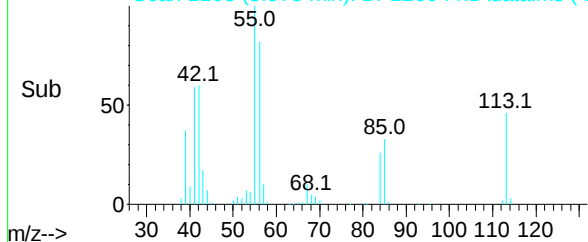
55 219.4 154.1 194.1#

56 179.9 108.7 148.7#

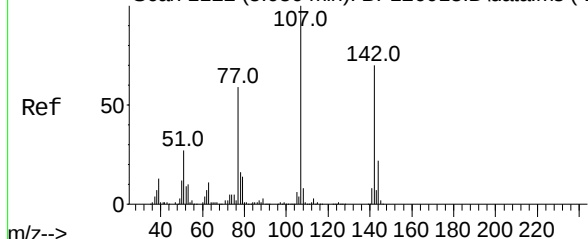
Abundance Scan 1103 (8.575 min): BF126044.D\data.ms



Abundance Scan 1103 (8.575 min): BF126044.D\data.ms (-1053) (-)



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



4-Chloro-3-methylphenol

Concen: 42.98 ng

RT: 8.686 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion:107 Resp: 415299

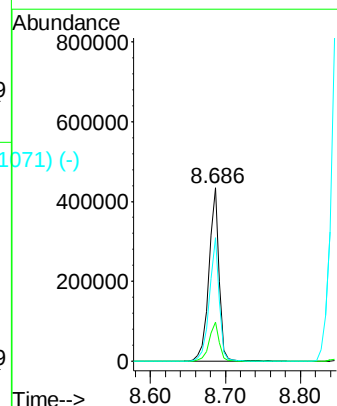
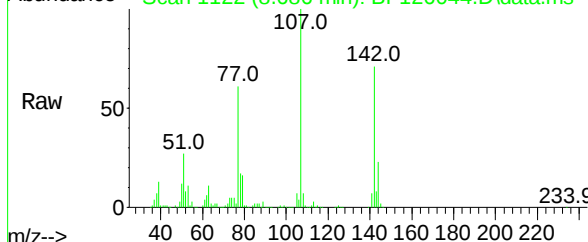
Ion Ratio Lower Upper

107 100

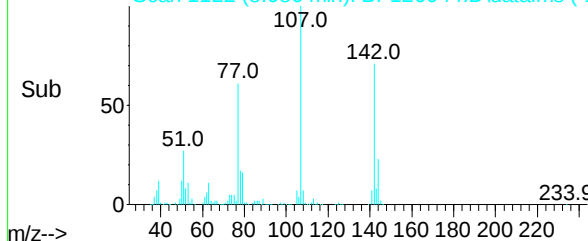
144 22.7 21.9 32.9

142 71.2 67.1 100.7

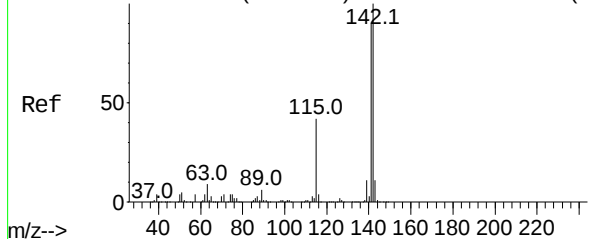
Abundance Scan 1122 (8.686 min): BF126044.D\data.ms



Abundance Scan 1122 (8.686 min): BF126044.D\data.ms (-1071) (-)



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



2-Methylnaphthalene

Concen: 44.37 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

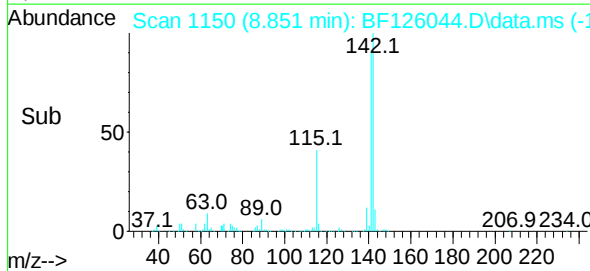
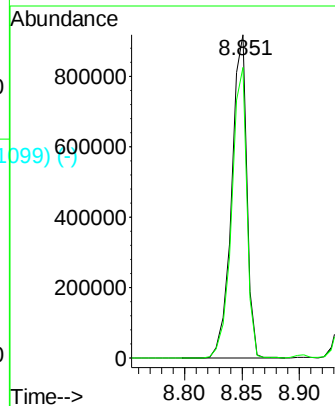
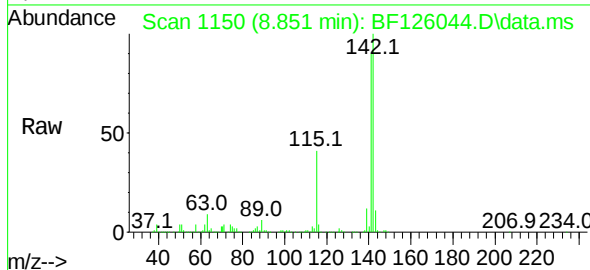
VNJ-224MSD

Tgt Ion:142 Resp: 846481

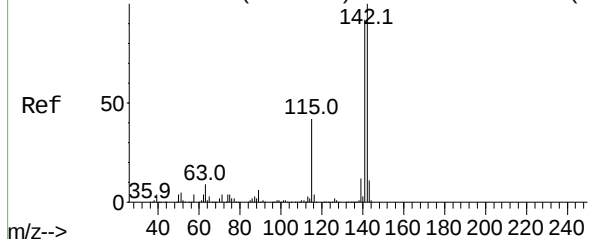
Ion Ratio Lower Upper

142 100

141 89.9 71.2 106.8



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



1-Methylnaphthalene

Concen: 41.56 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF126044.D

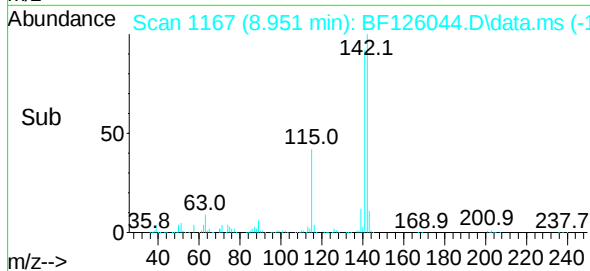
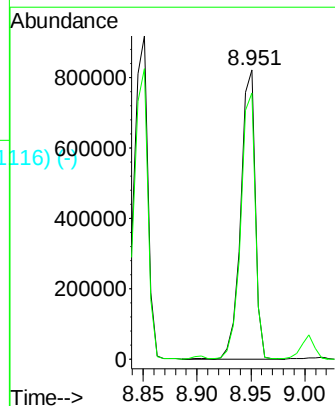
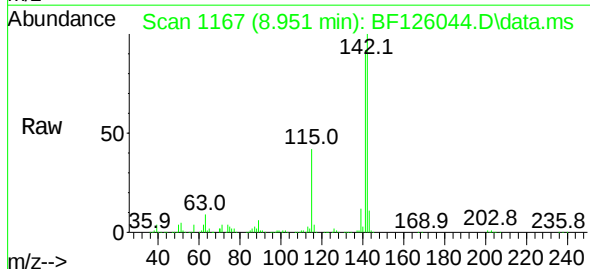
Acq: 4 Nov 2021 14:20

Tgt Ion:142 Resp: 768135

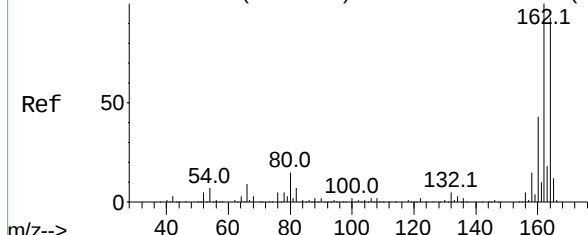
Ion Ratio Lower Upper

142 100

141 92.2 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: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

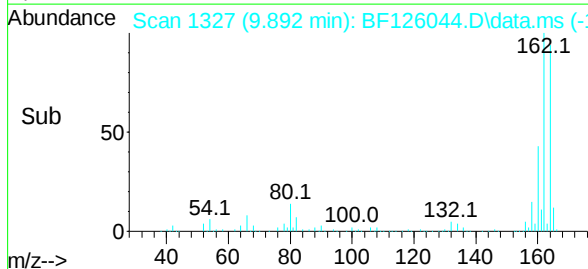
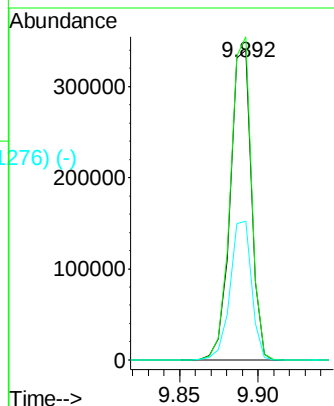
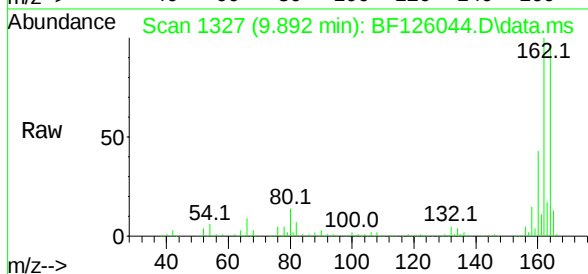
Tgt Ion:164 Resp: 318061

Ion Ratio Lower Upper

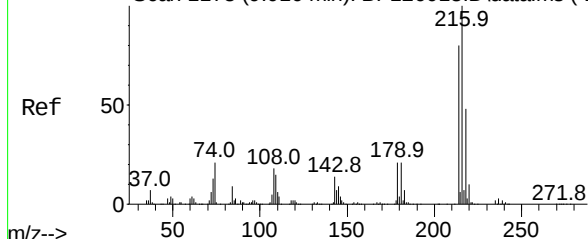
164 100

162 104.4 81.3 121.9

160 44.9 38.0 57.0



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



1,2,4,5-Tetrachlorobenzene

Concen: 42.01 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion:216 Resp: 447775

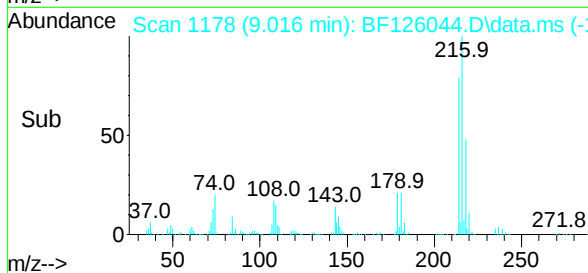
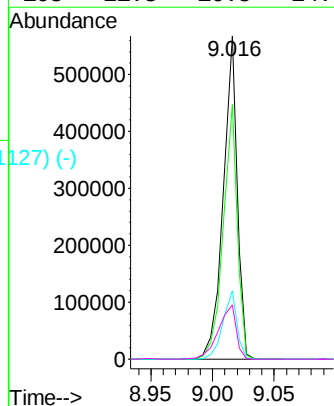
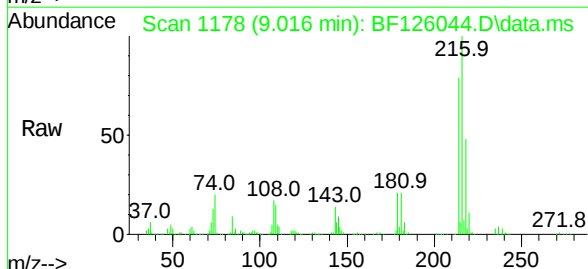
Ion Ratio Lower Upper

216 100

214 79.2 64.9 97.3

179 21.2 17.4 26.2

108 21.3 16.5 24.7



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

Hexachlorocyclopentadiene

Concen: 85.98 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

Tgt Ion:237 Resp: 476180

Ion Ratio Lower Upper

237 100

235 63.8 44.7 84.7

272 12.4 0.0 31.6

Abundance Scan 1176 (9.004 min): BF126044.D\data.ms

Ref

60.0 95.0 129.9 166.9 202.8 236.9 271.8

m/z-->

Raw

60.0 95.0 129.9 164.9 202.9 236.9 271.8

m/z-->

Sub

60.0 95.0 129.9 166.9 202.9 236.9 271.8

m/z-->

Abundance

9.004

500000

400000

300000

200000

100000

0

Time-->

Abundance Scan 1176 (9.004 min): BF126044.D\data.ms (-1125) (-)

Ref

60.0 95.0 129.9 166.9 202.9 236.9 271.8

m/z-->

Raw

60.0 95.0 129.9 166.9 202.9 236.9 271.8

m/z-->

Sub

60.0 95.0 129.9 166.9 202.9 236.9 271.8

m/z-->

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

2,4,6-Tribromophenol

Concen: 97.77 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion:330 Resp: 356388

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

141 38.3 44.6 66.8#

Abundance Scan 1461 (10.680 min): BF126044.D\data.ms

Ref

62.0 140.9 221.8 329.8

m/z-->

Raw

62.0 140.9 222.9 329.8

m/z-->

Sub

62.0 140.9 222.9 329.8

m/z-->

Abundance

10.680

300000

200000

100000

0

Time-->

Abundance Scan 1461 (10.680 min): BF126044.D\data.ms (-1410) (-)

Ref

62.0 140.9 222.9 329.8

m/z-->

Raw

62.0 140.9 222.9 329.8

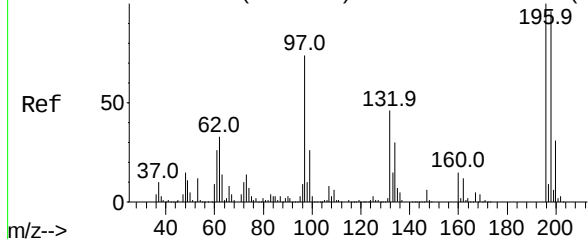
m/z-->

Sub

62.0 140.9 222.9 329.8

m/z-->

Abundance Scan 1196 (9.122 min): BF126018.D\data.ms (-11963)



2,4,6-Trichlorophenol

Concen: 44.34 ng

RT: 9.127 min Scan# 1196

Delta R.T. 0.005 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

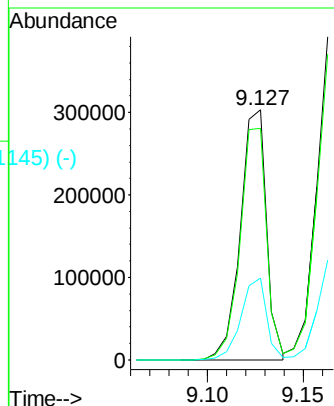
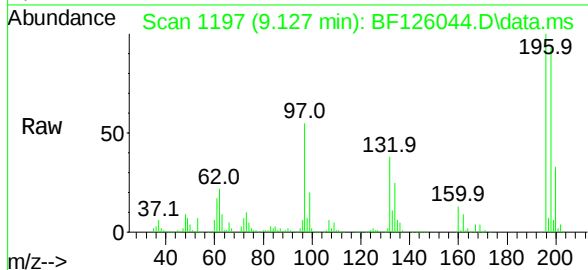
Tgt Ion:196 Resp: 286207

Ion Ratio Lower Upper

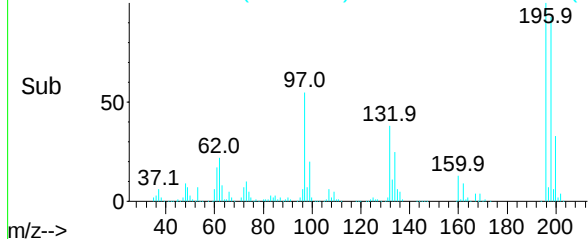
196 100

198 92.7 74.9 112.3

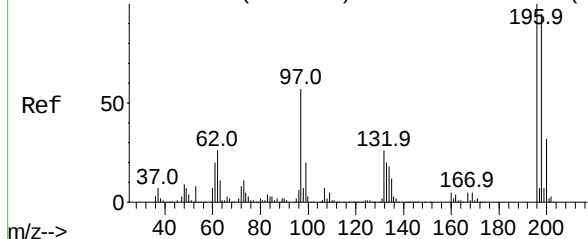
200 32.7 27.0 40.4



Abundance Scan 1197 (9.127 min): BF126044.D\data.ms (-1145) (-)



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



2,4,5-Trichlorophenol

Concen: 43.70 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion:196 Resp: 304737

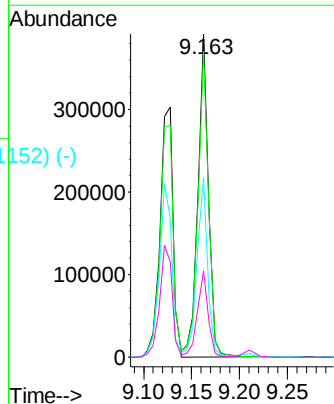
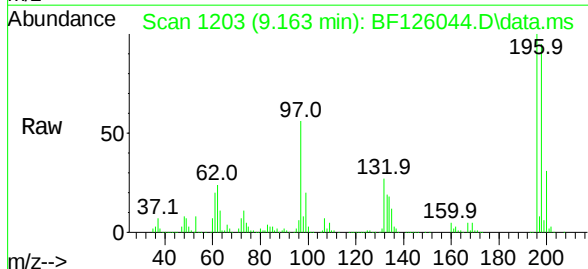
Ion Ratio Lower Upper

196 100

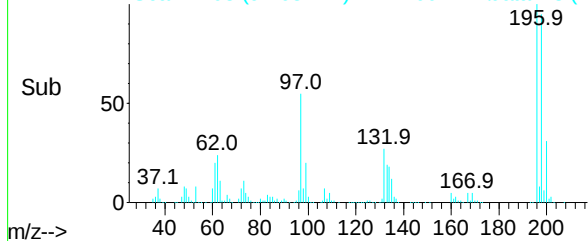
198 94.6 80.2 120.2

97 55.6 44.0 66.0

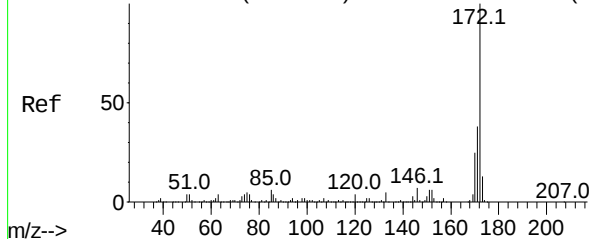
132 26.6 25.4 38.0



Abundance Scan 1203 (9.163 min): BF126044.D\data.ms (-1152) (-)



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



2-Fluorobiphenyl

Concen: 62.62 ng

RT: 9.210 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

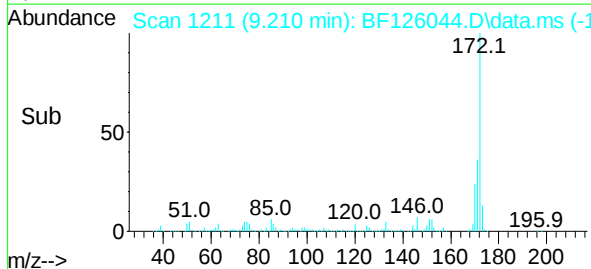
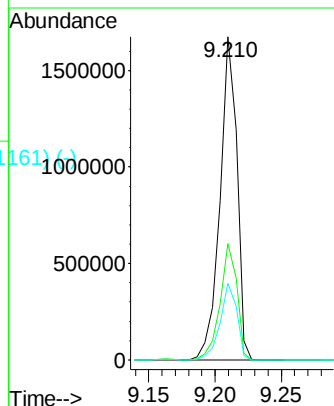
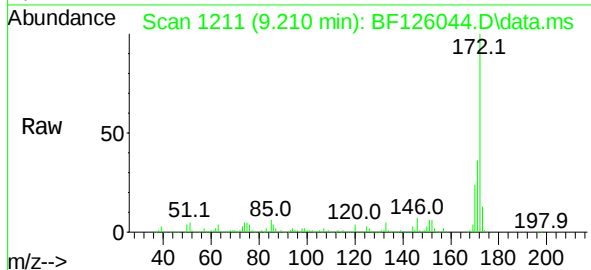
Tgt Ion:172 Resp: 1473741

Ion Ratio Lower Upper

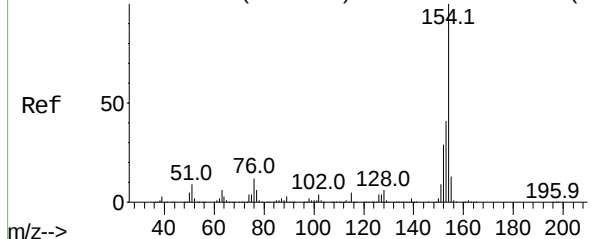
172 100

171 36.0 26.5 39.7

170 23.7 18.8 28.2



Abundance Scan 1229 (9.316 min): BF126018.D\data.ms (-12246)



1,1'-Biphenyl

Concen: 41.45 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

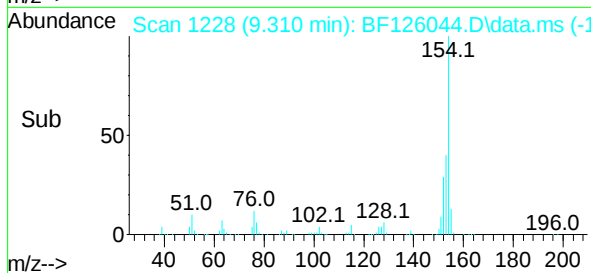
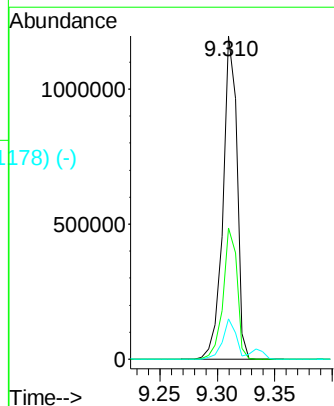
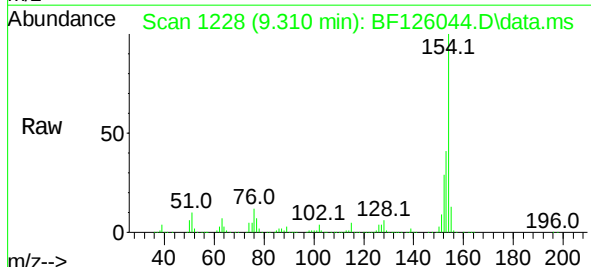
Tgt Ion:154 Resp: 1018970

Ion Ratio Lower Upper

154 100

153 40.5 20.0 60.0

76 12.5 0.0 30.3



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

2-Chloronaphthalene

Concen: 42.31 ng

RT: 9.333 min Scan#

Delta R.T. -0.006 min

Lab File: BF126044.D

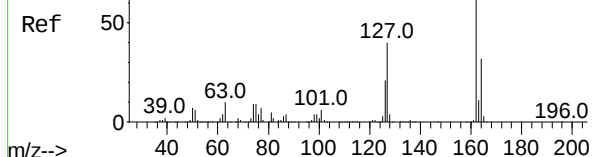
Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD



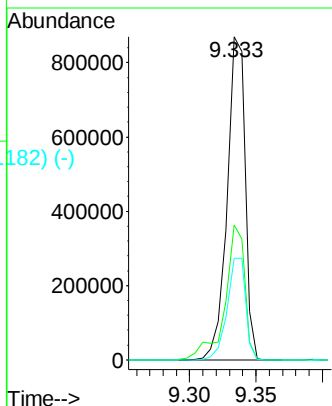
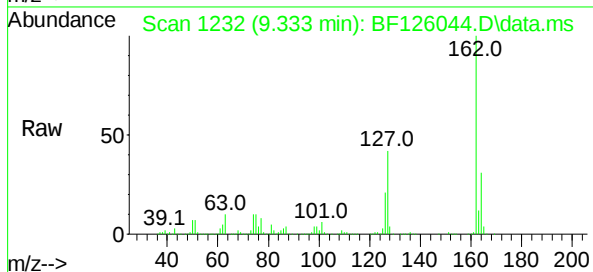
Tgt Ion:162 Resp: 818795

Ion Ratio Lower Upper

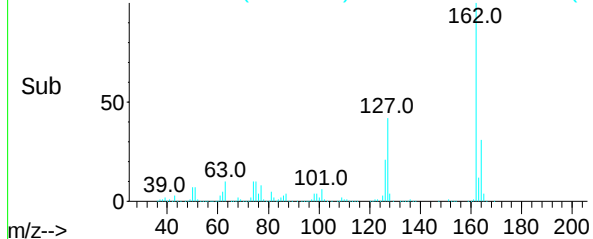
162 100

127 41.7 33.0 49.4

164 31.4 25.8 38.8



Abundance Scan 1232 (9.333 min): BF126044.D\data.ms (-1182) (-)



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

2-Nitroaniline

Concen: 45.67 ng

RT: 9.427 min Scan# 1248

Delta R.T. -0.001 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

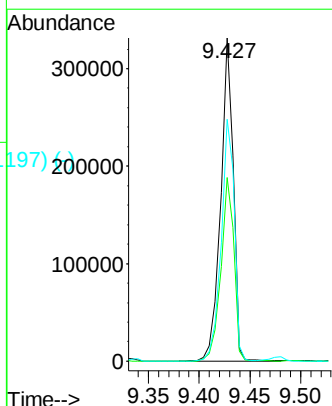
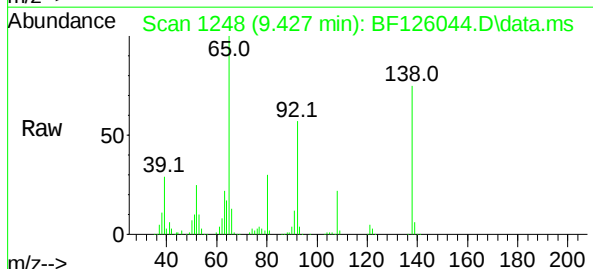
Tgt Ion: 65 Resp: 288132

Ion Ratio Lower Upper

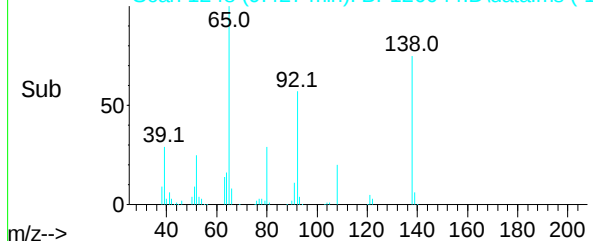
65 100

92 56.9 55.5 83.3

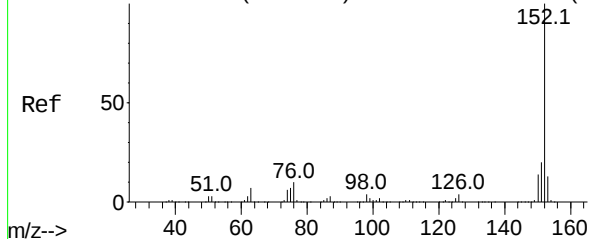
138 74.8 93.5 140.3#



Abundance Scan 1248 (9.427 min): BF126044.D\data.ms (-1197) (-)



Abundance Scan 1303 (9.751 min): BF126018.D\data.ms (-12519)



Acenaphthylene

Concen: 42.69 ng

RT: 9.751 min Scan#

Delta R.T. -0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

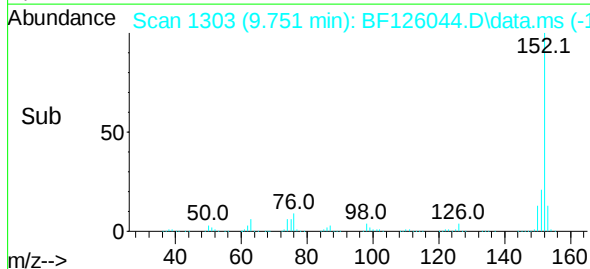
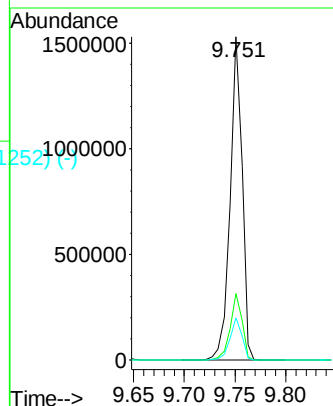
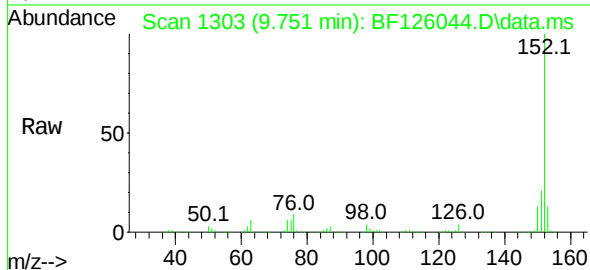
Tgt Ion:152 Resp: 1249376

Ion Ratio Lower Upper

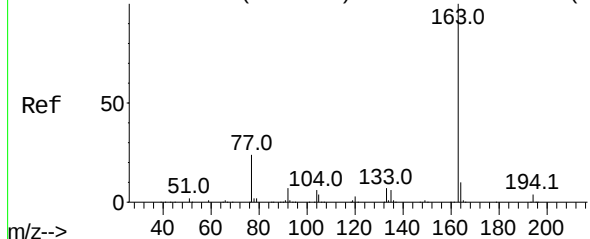
152 100

151 20.5 15.7 23.5

153 13.1 9.8 14.8



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



Dimethylphthalate

Concen: 42.65 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

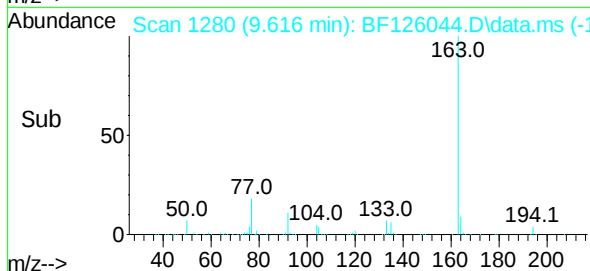
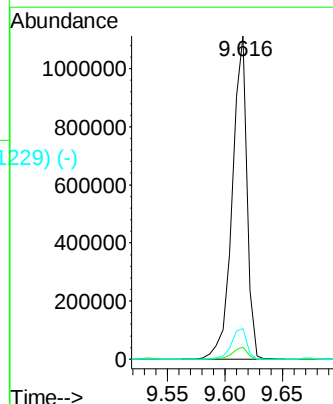
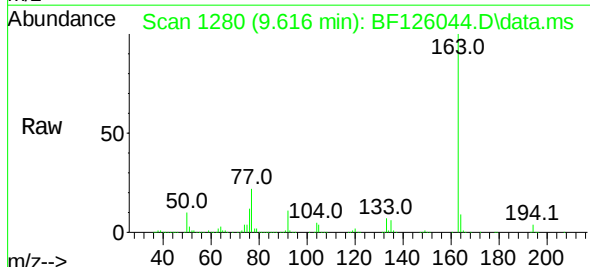
Tgt Ion:163 Resp: 987677

Ion Ratio Lower Upper

163 100

194 3.8 2.6 3.8

164 9.5 7.4 11.0



Abundance Scan 1290 (9.675 min): BF126018.D\data.ms (-12851-)

2,6-Dinitrotoluene

Concen: 51.08 ng

RT: 9.669 min Scan#

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNF

ClientSampleId :

VNJ-224MSD

Tgt Ion:165 Resp: 202733

Ion Ratio Lower Upper

165 100

63 86.7 42.6 63.8#

89 78.0 40.6 60.8#

Abundance Scan 1289 (9.669 min): BF126044.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1289 (9.669 min): BF126044.D\data.ms (-1239) (-)

Ref

Raw

Sub

m/z-->

Abundance

9.669

200000

150000

100000

50000

0

Time-->

Abundance Scan 1333 (9.928 min): BF126018.D\data.ms (-13252-)

Acenaphthene

Concen: 46.28 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion:154 Resp: 854137

Ion Ratio Lower Upper

154 100

153 113.9 89.4 134.2

152 53.6 40.5 60.7

Abundance Scan 1332 (9.922 min): BF126044.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance

9.922

800000

600000

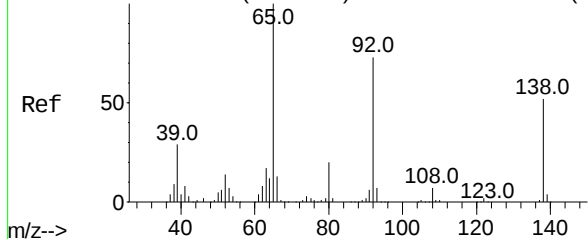
400000

200000

0

Time-->

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



3-Nitroaniline

Concen: 20.44 ng

RT: 9.833 min Scan#

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

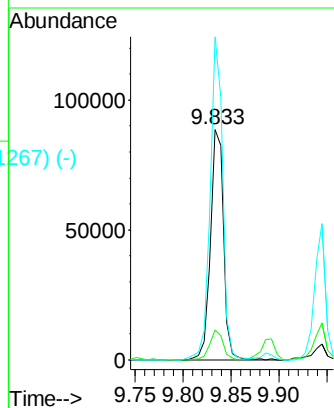
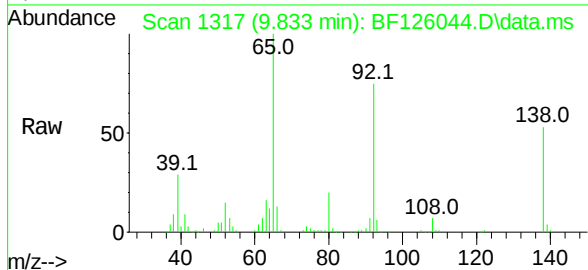
Tgt Ion:138 Resp: 83156

Ion Ratio Lower Upper

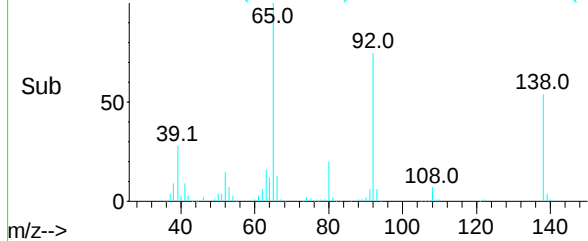
138 100

108 13.1 9.3 13.9

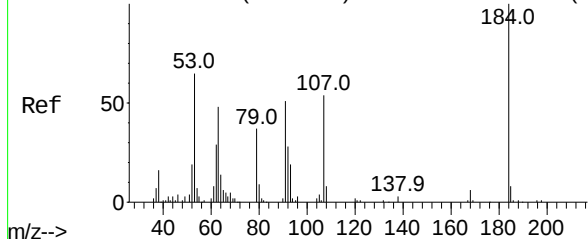
92 140.2 76.5 114.7#



Abundance Scan 1317 (9.833 min): BF126044.D\data.ms (-1267) (-)



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



2,4-Dinitrophenol

Concen: 73.88 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

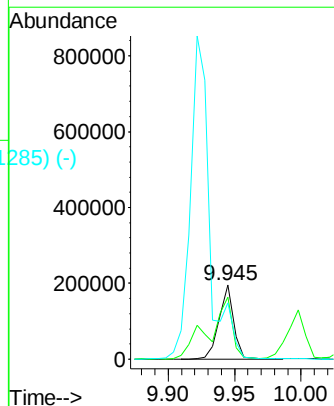
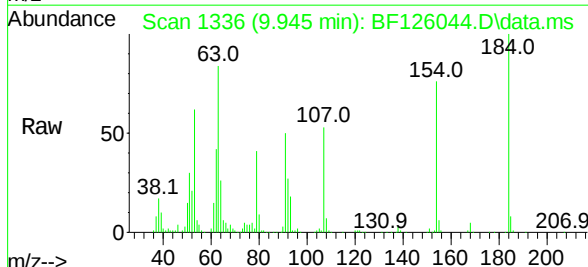
Tgt Ion:184 Resp: 149038

Ion Ratio Lower Upper

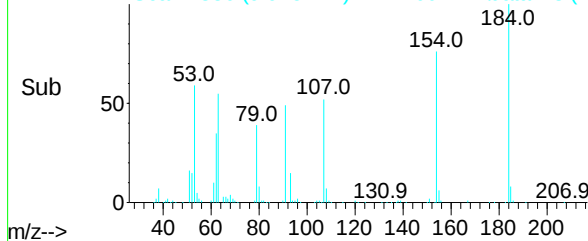
184 100

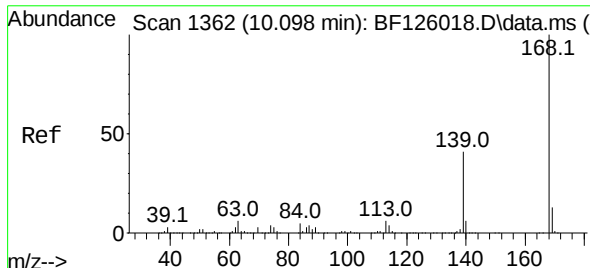
63 84.0 59.3 88.9

154 75.8 68.6 102.8



Abundance Scan 1336 (9.945 min): BF126044.D\data.ms (-1285) (-)

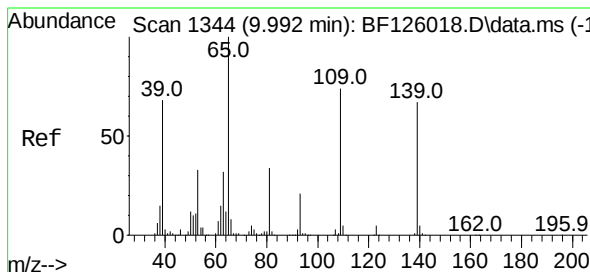
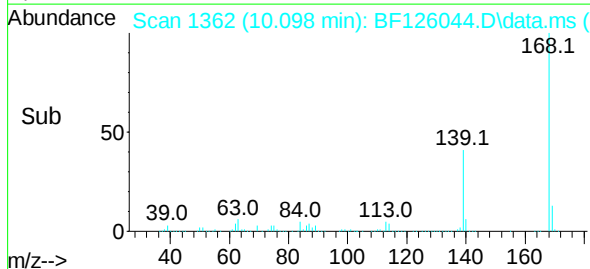
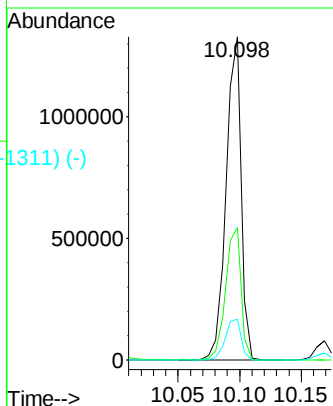
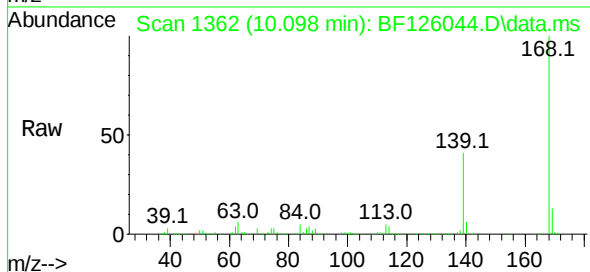




Dibenzenofuran
Concen: 40.73 ng
RT: 10.098 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

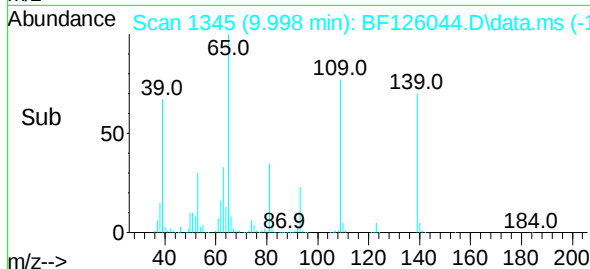
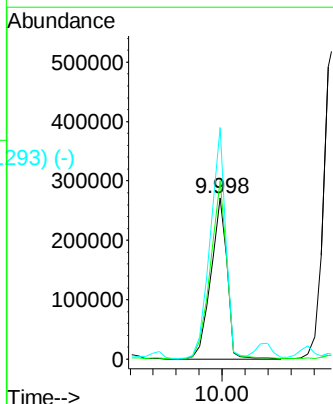
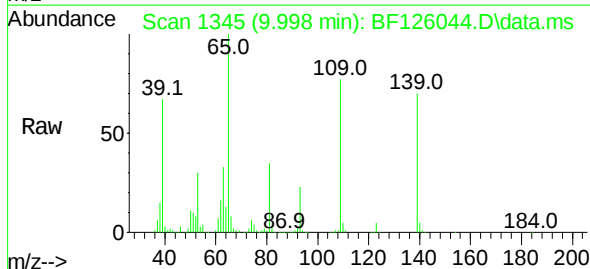
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

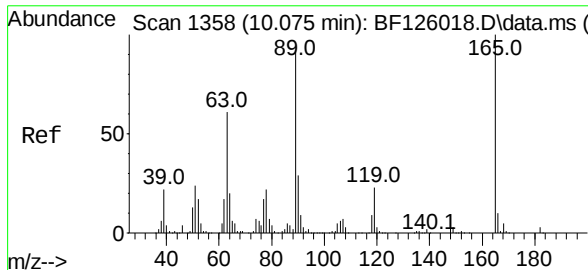
Tgt Ion:168 Resp: 1131712
Ion Ratio Lower Upper
168 100
139 40.9 32.7 49.1
169 12.8 11.2 16.8



4-Nitrophenol
Concen: 83.00 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:139 Resp: 266533
Ion Ratio Lower Upper
139 100
109 110.8 60.4 100.4#
65 143.5 58.4 98.4#

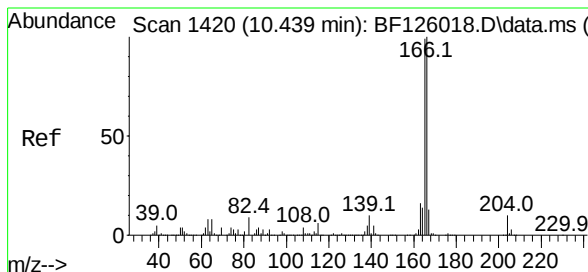
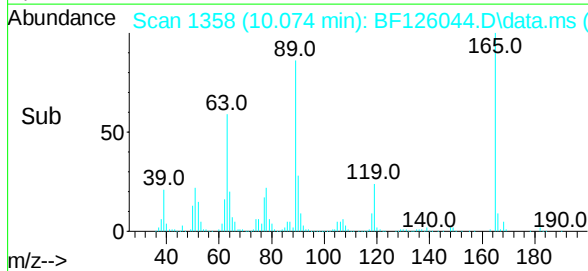
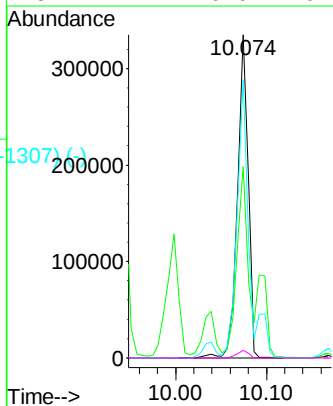
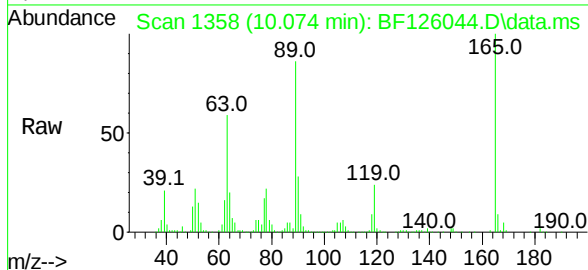




2,4-Dinitrotoluene
Concen: 48.08 ng
RT: 10.074 min Scan# 1357
Delta R.T. -0.001 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

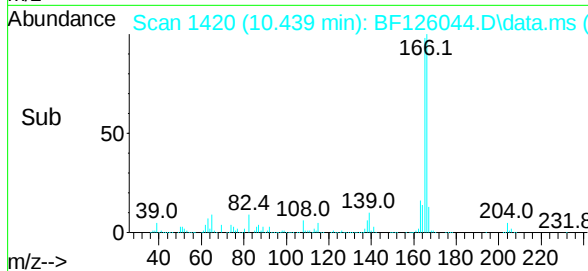
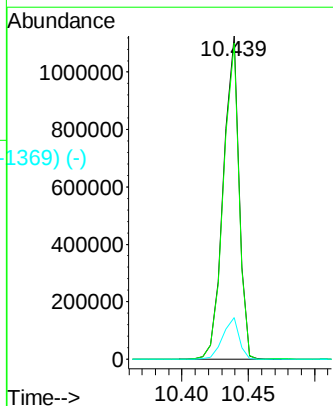
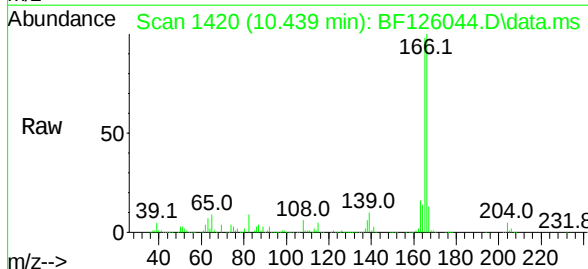
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

Tgt Ion:	165	Resp:	274909
Ion	Ratio	Lower	Upper
165	100		
63	59.2	40.9	61.3
89	86.1	59.7	89.5
182	2.4	0.0	0.0#



Fluorene
Concen: 40.98 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:	166	Resp:	914057
Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.1	117.1
167	12.8	11.1	16.7



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

2,3,4,6-Tetrachlorophenol

Concen: 41.68 ng

RT: 10.210 min Scan# 1381

Delta R.T. -0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

m/z-->

Abundance Scan 1381 (10.210 min): BF126044.D\data.ms

Raw

m/z-->

Abundance Scan 1381 (10.210 min): BF126044.D\data.ms (-1330 (-)

Sub

m/z-->

Tgt Ion:232 Resp: 246141

Ion Ratio Lower Upper

232 100

131 48.4 45.4 68.0

130 2.8 0.0 0.0#

166 31.7 28.5 42.7

Abundance

Time-->

Abundance Scan 1399 (10.316 min): BF126018.D\data.ms (-1309 (-)

Diethylphthalate

Concen: 42.16 ng

RT: 10.310 min Scan# 1398

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

m/z-->

Abundance Scan 1398 (10.310 min): BF126044.D\data.ms

Raw

m/z-->

Abundance Scan 1398 (10.310 min): BF126044.D\data.ms (-1348 (-)

Sub

m/z-->

Tgt Ion:149 Resp: 978946

Ion Ratio Lower Upper

149 100

177 20.8 16.5 24.7

150 12.4 10.1 15.1

Abundance

Time-->

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

4-Chlorophenyl-phenylether

Concen: 41.23 ng

RT: 10.427 min Scan# 1418

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

Tgt Ion:204 Resp: 491878

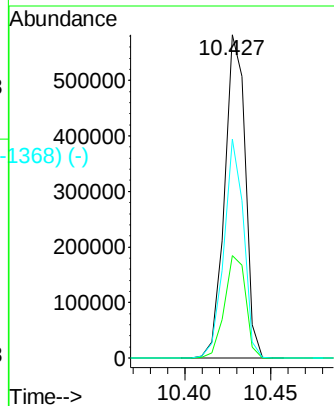
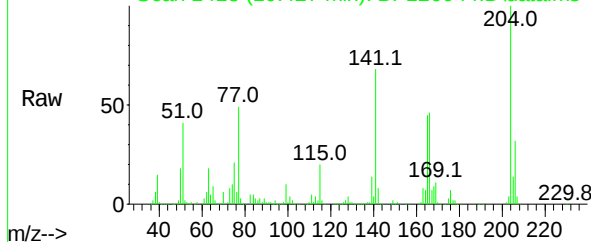
Ion Ratio Lower Upper

204 100

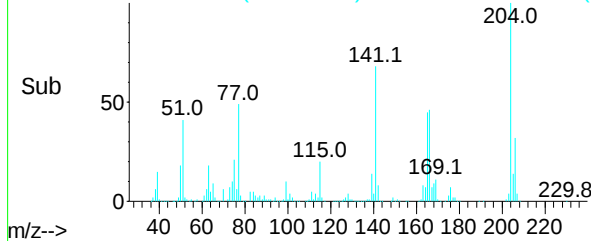
206 31.6 27.6 41.4

141 67.8 58.6 88.0

Abundance Scan 1418 (10.427 min): BF126044.D\data.ms



Abundance Scan 1418 (10.427 min): BF126044.D\data.ms (-1368) (-)



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

4-Nitroaniline

Concen: 37.42 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion:138 Resp: 158825

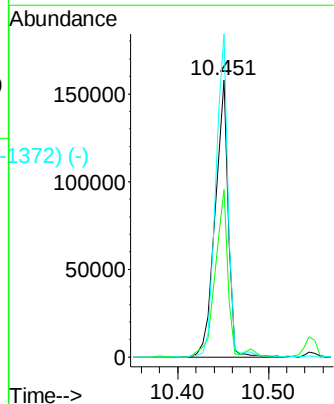
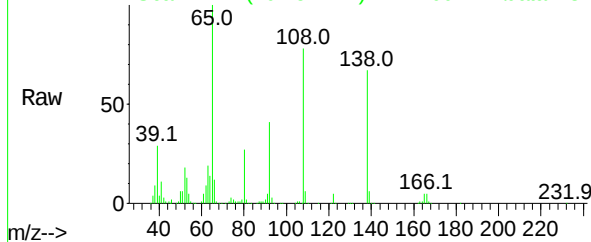
Ion Ratio Lower Upper

138 100

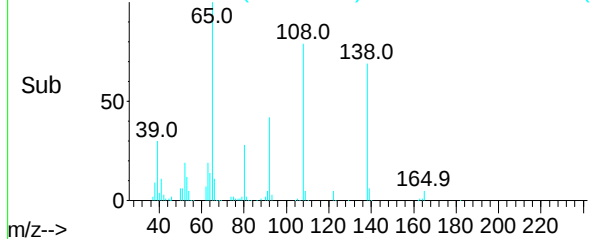
92 60.6 29.6 69.6

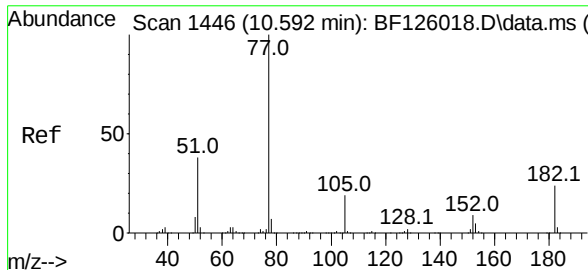
108 116.6 78.1 118.1

Abundance Scan 1422 (10.451 min): BF126044.D\data.ms



Abundance Scan 1422 (10.451 min): BF126044.D\data.ms (-1372) (-)



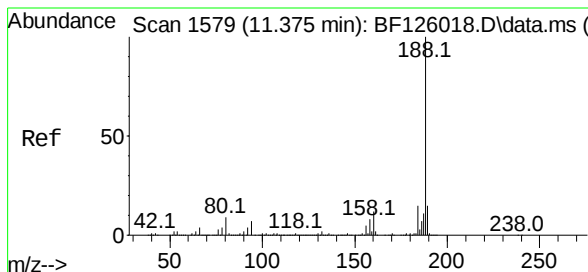
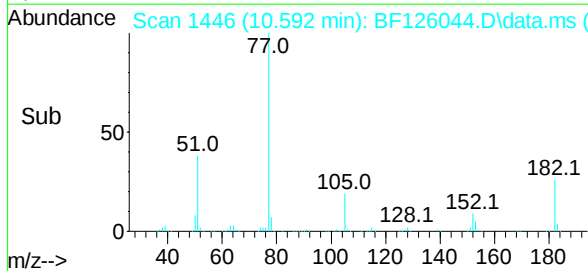
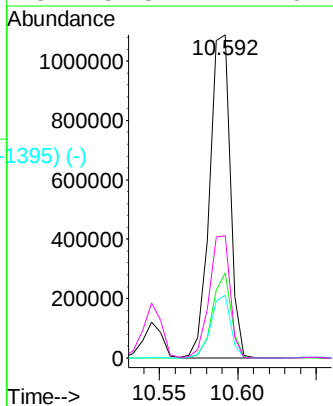
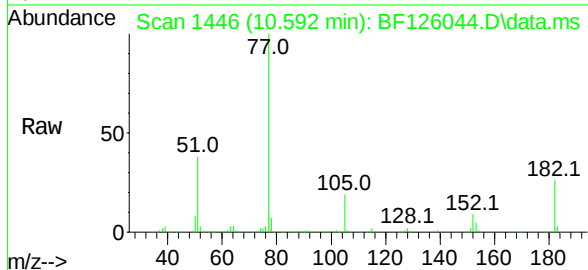


Azobenzene
Concen: 39.81 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

Tgt Ion: 77 Resp: 1003898

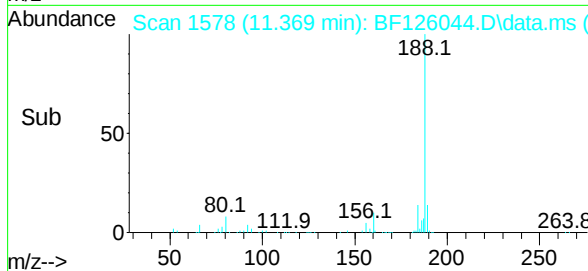
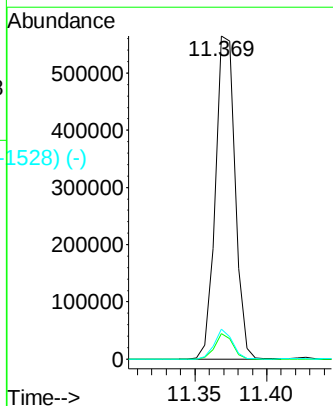
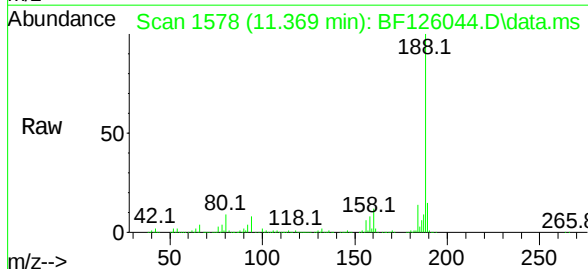
Ion	Ratio	Lower	Upper
77	100		
182	26.4	6.3	46.3
105	19.4	2.9	42.9
51	37.8	24.1	64.1

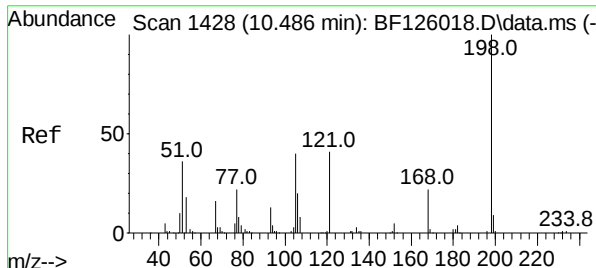


Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion: 188 Resp: 537363

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.3	7.5	11.3

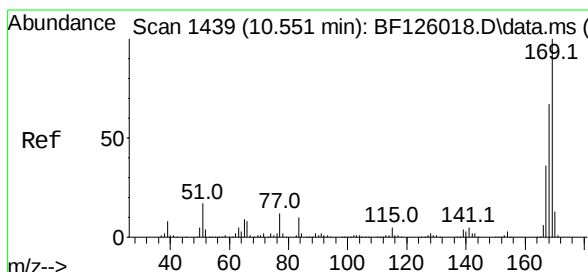
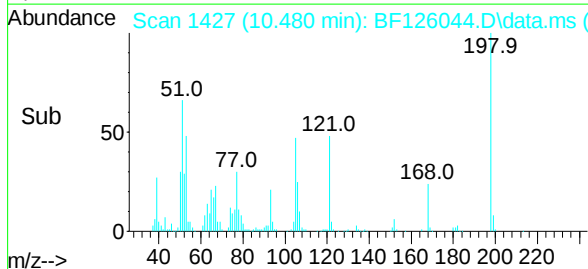
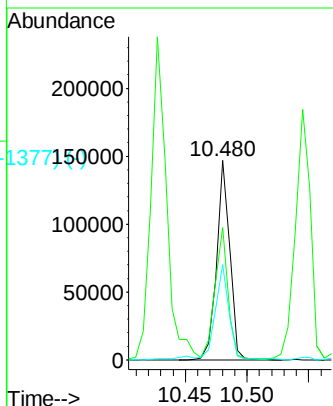
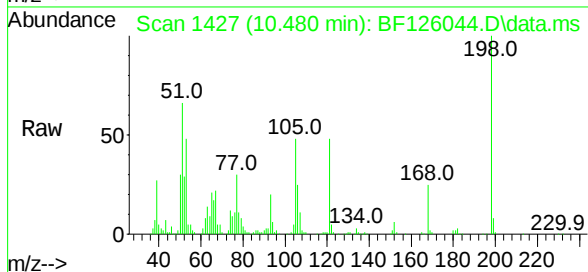




4,6-Dinitro-2-methylphenol
 Concen: 42.99 ng
 RT: 10.480 min Scan# 1425
 Delta R.T. -0.006 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20

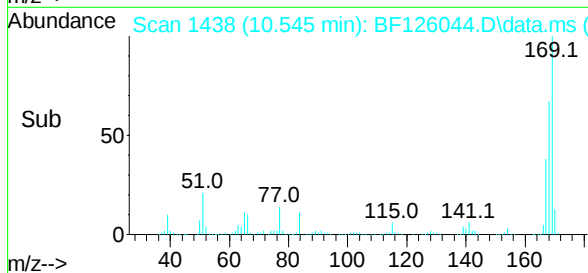
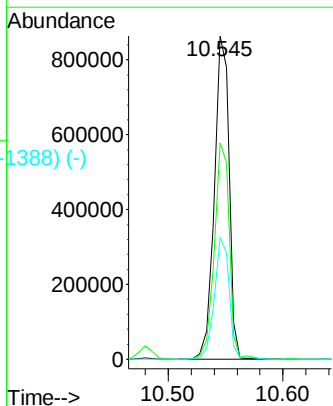
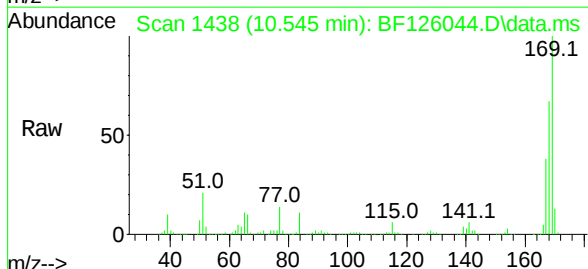
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MSD

Tgt Ion:	198	Resp:	108519
Ion	Ratio	Lower	Upper
198	100		
51	66.4	45.3	85.3
105	47.6	30.6	70.6



n-Nitrosodiphenylamine
 Concen: 45.22 ng
 RT: 10.545 min Scan# 1438
 Delta R.T. -0.006 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20

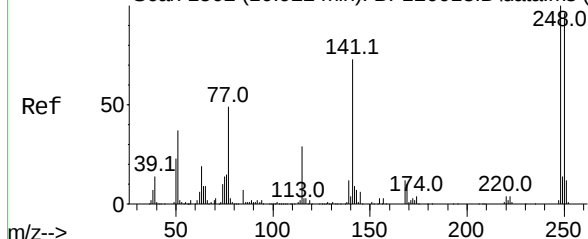
Tgt Ion:	169	Resp:	773813
Ion	Ratio	Lower	Upper
169	100		
168	66.9	50.8	76.2
167	37.6	28.8	43.2



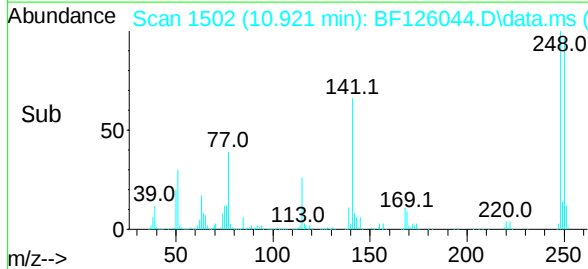
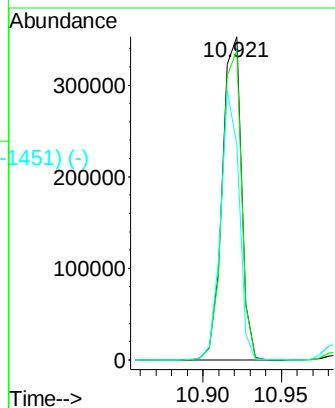
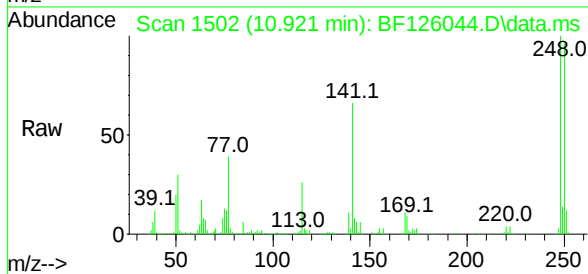
Abundance Scan 1502 (10.922 min): BF126018.D\data.ms (-1451) (-)

4-Bromophenyl-phenylether
Concen: 46.02 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.001 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD



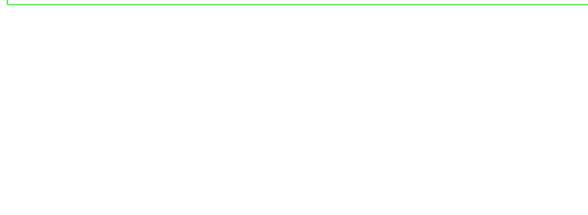
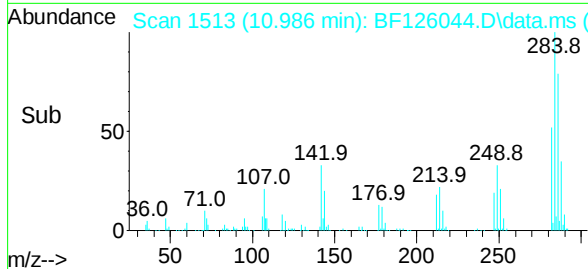
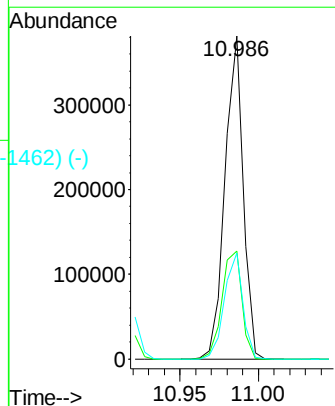
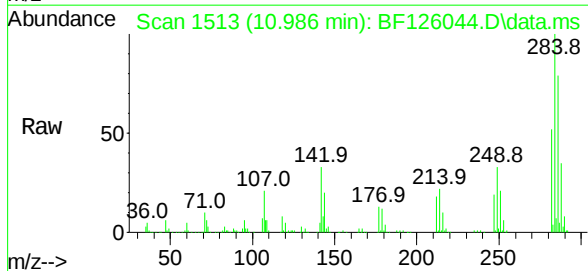
Tgt Ion:	248	Resp:	299530
Ion Ratio	Lower	Upper	
248	100		
250	95.8	74.2	111.4
141	66.4	60.4	90.6

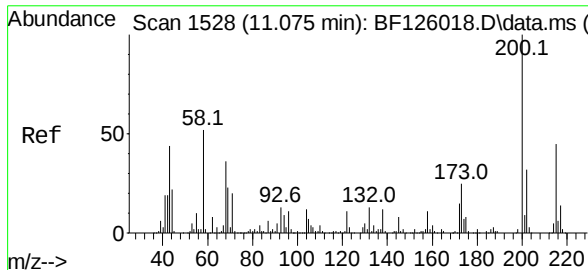


Abundance Scan 1513 (10.986 min): BF126018.D\data.ms (-1462) (-)

Hexachlorobenzene
Concen: 45.21 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:	284	Resp:	307395
Ion Ratio	Lower	Upper	
284	100		
142	33.5	36.4	54.6#
249	32.8	25.6	38.4

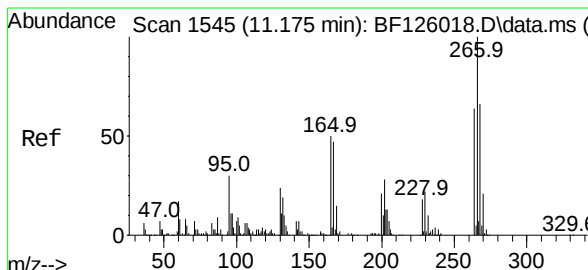
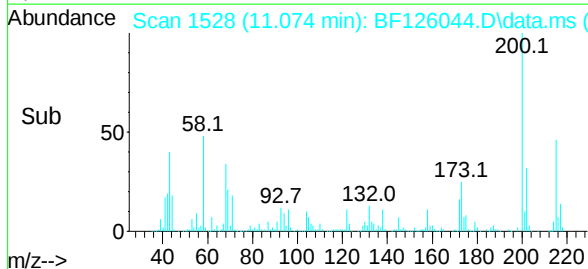
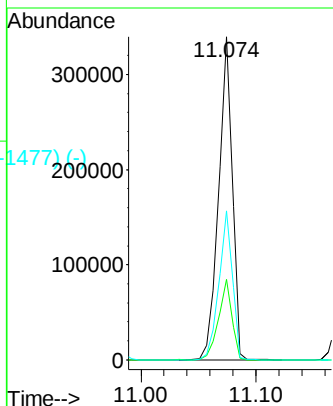
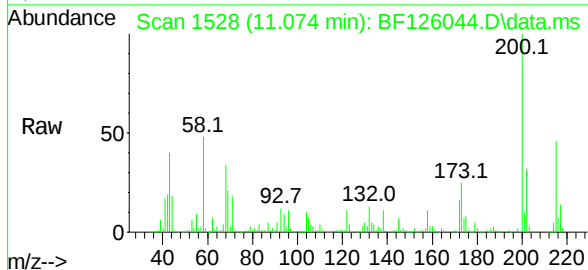




Atrazine
Concen: 46.83 ng
RT: 11.074 min Scan# 1528
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

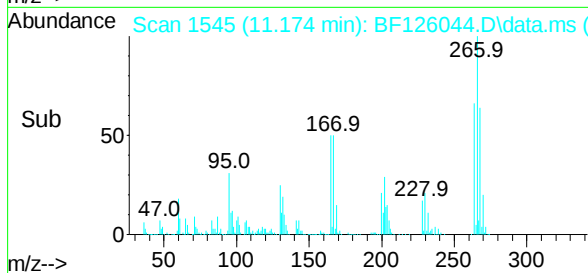
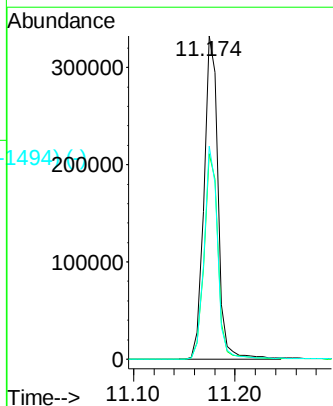
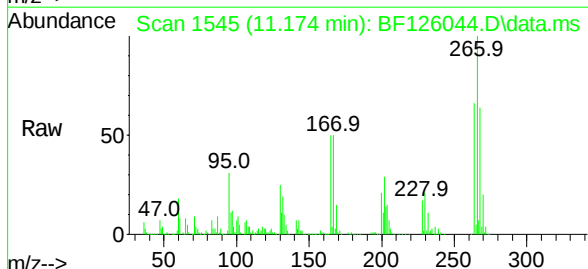
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

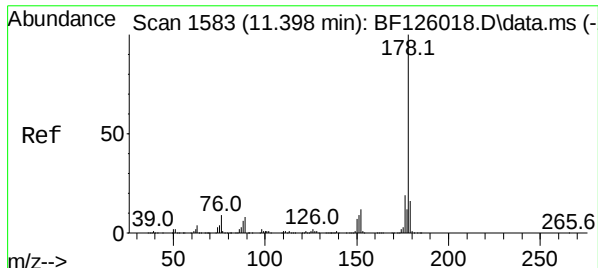
Tgt Ion:	200	Resp:	283444
Ion Ratio	Lower	Upper	
200	100		
173	24.9	11.1	51.1
215	46.2	22.7	62.7



Pentachlorophenol
Concen: 87.16 ng
RT: 11.174 min Scan# 1545
Delta R.T. -0.001 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:	266	Resp:	319332
Ion Ratio	Lower	Upper	
266	100		
268	63.6	48.9	73.3
264	65.9	55.9	83.9



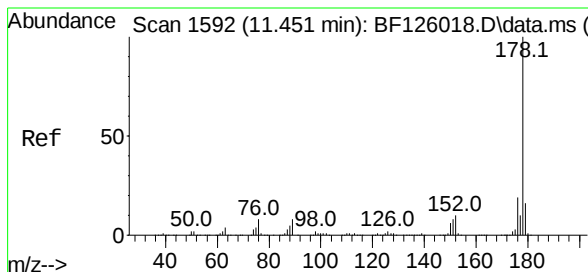
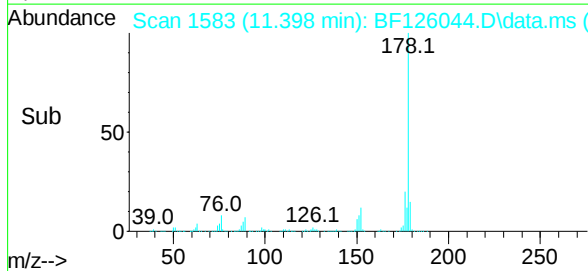
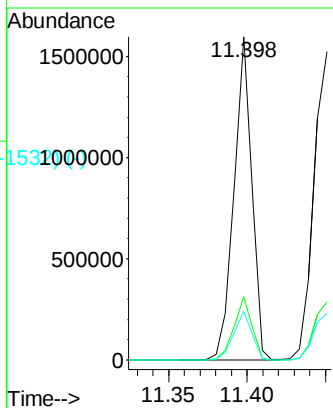
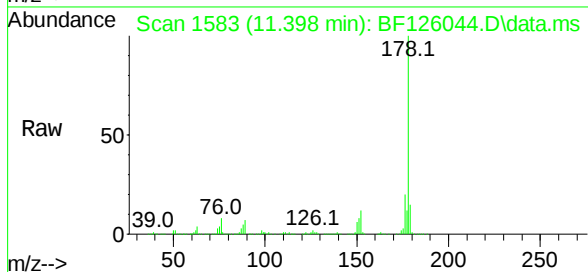


Scan 1583 (11.398 min): BF126018.D\data.ms (-15761)
 Phenanthrene
 Concen: 43.08 ng
 RT: 11.398 min Scan# 1583
 Delta R.T. -0.000 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MSD

Tgt Ion:178 Resp: 1255386

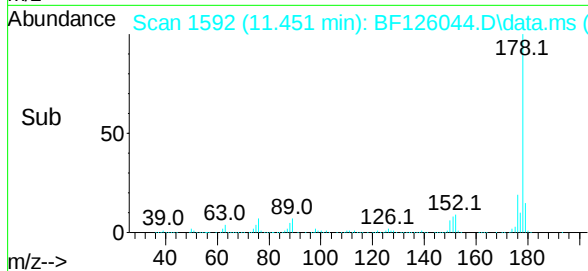
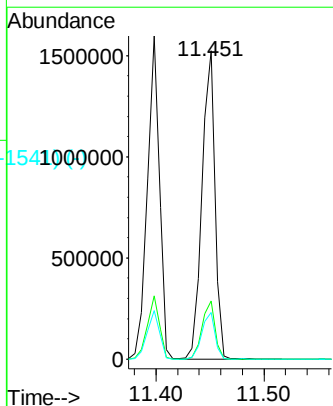
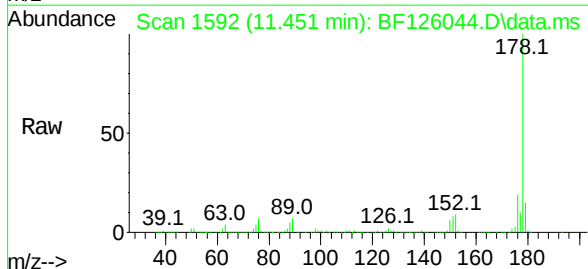
Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.7	22.1
179	15.1	11.5	17.3

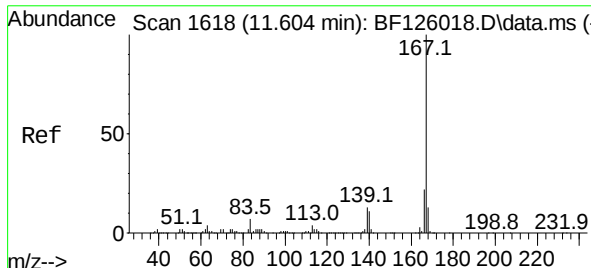


Scan 1592 (11.451 min): BF126018.D\data.ms (-15771)
 Anthracene
 Concen: 43.43 ng
 RT: 11.451 min Scan# 1592
 Delta R.T. -0.000 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20

Tgt Ion:178 Resp: 1263454

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.3	21.5
179	15.0	12.2	18.4

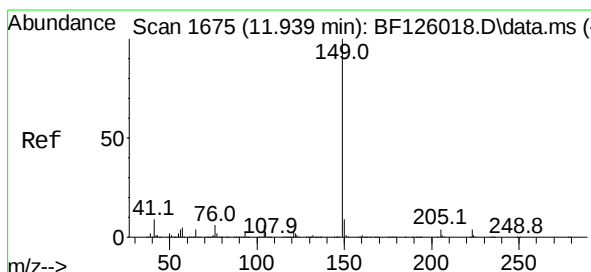
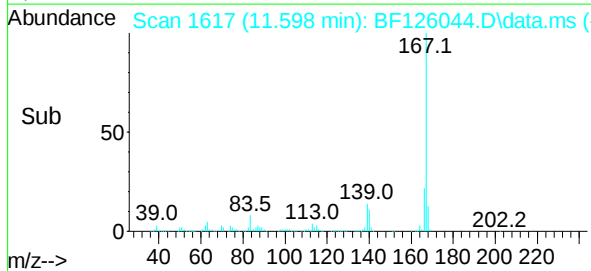
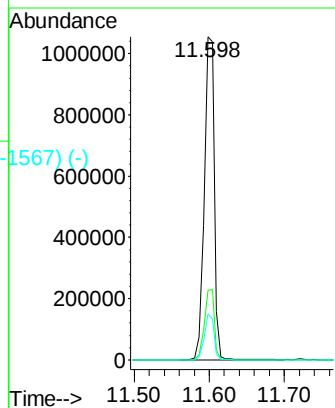
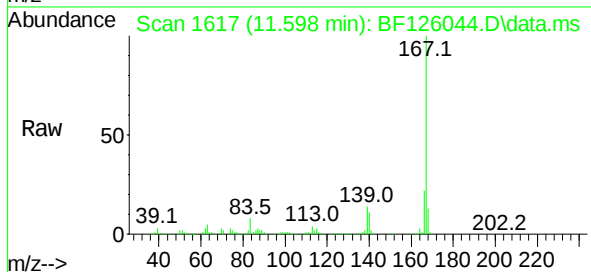




Carbazole
Concen: 36.68 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

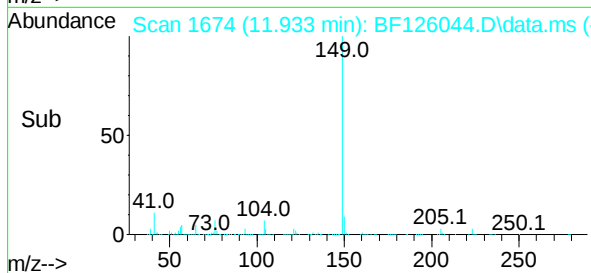
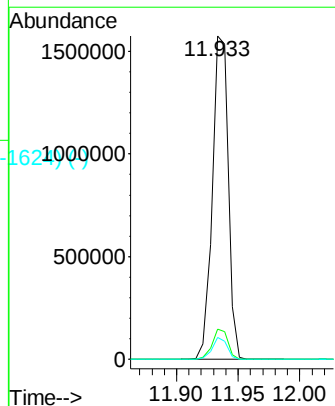
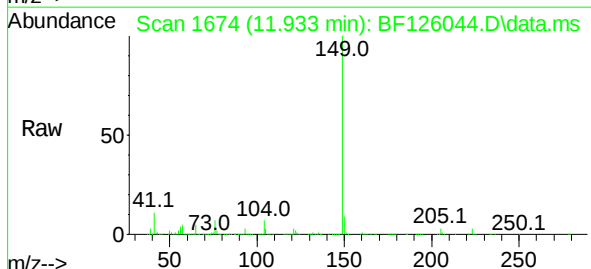
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

Tgt Ion:	167	Resp:	989858
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	14.3	11.0	16.4



Di-n-butylphthalate
Concen: 45.13 ng
RT: 11.933 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:	149	Resp:	1418919
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	6.7	4.1	6.1#



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

Fluoranthene

Concen: 37.76 ng

RT: 12.580 min Scan# 1785

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

Tgt Ion:202 Resp: 1225355

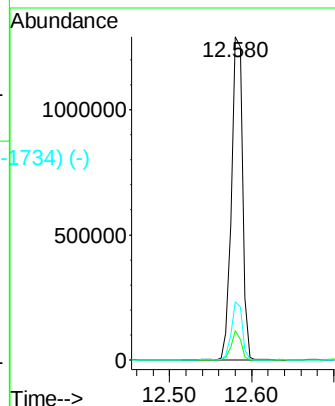
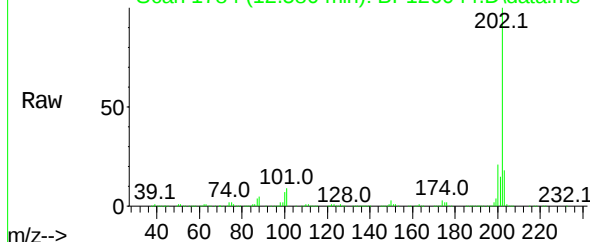
Ion Ratio Lower Upper

202 100

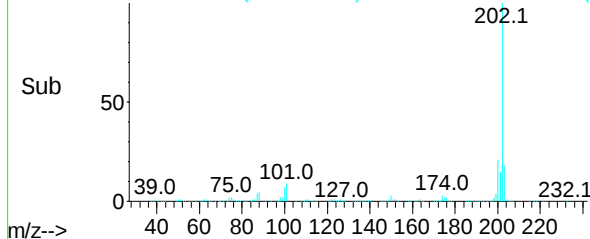
101 9.0 0.0 30.7

203 18.1 0.0 36.3

Abundance Scan 1784 (12.580 min): BF126044.D\data.ms



Abundance Scan 1784 (12.580 min): BF126044.D\data.ms (-1734) (-)



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: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion:240 Resp: 297700

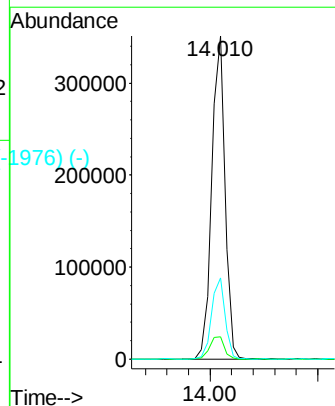
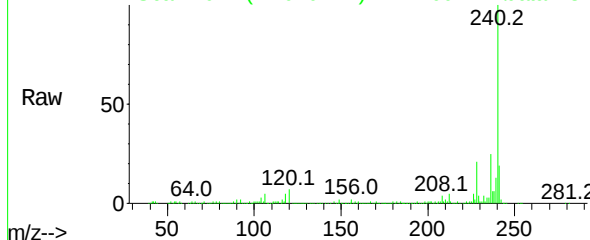
Ion Ratio Lower Upper

240 100

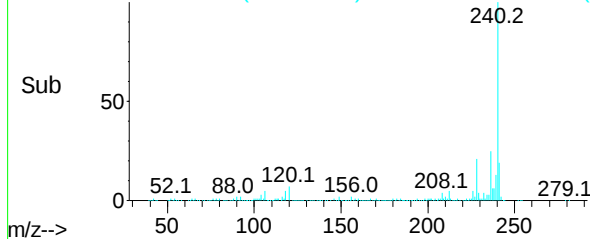
120 6.9 10.8 16.2#

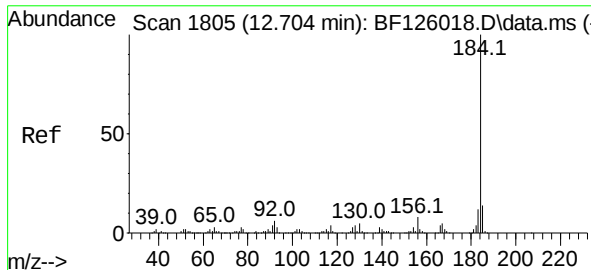
236 25.1 21.6 32.4

Abundance Scan 2027 (14.010 min): BF126044.D\data.ms



Abundance Scan 2027 (14.010 min): BF126044.D\data.ms (-1976) (-)

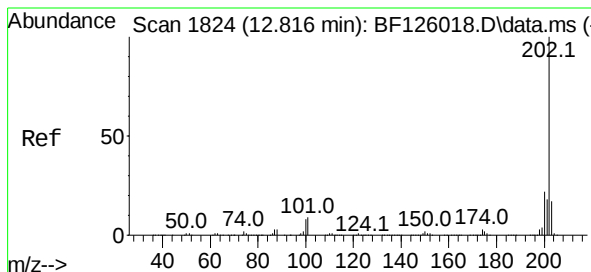
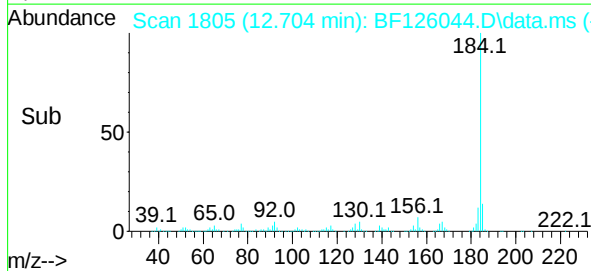
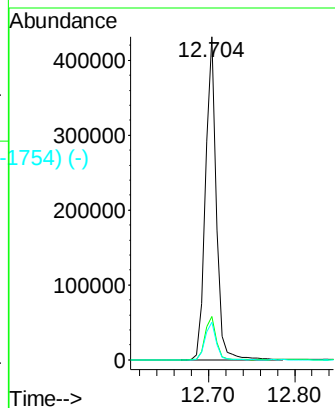
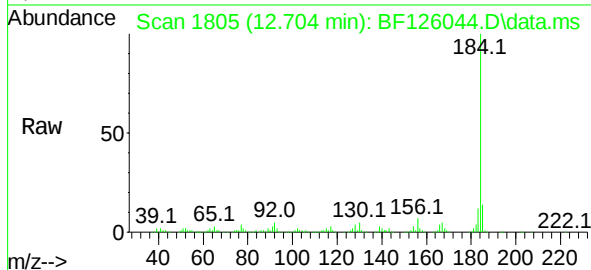




Benzidine
Concen: 37.23 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

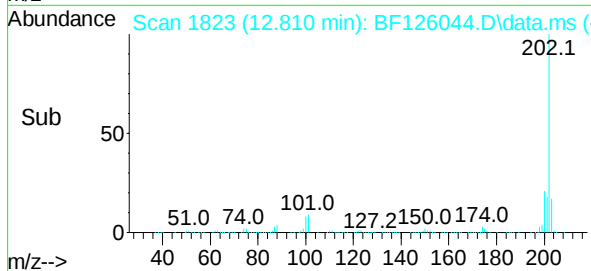
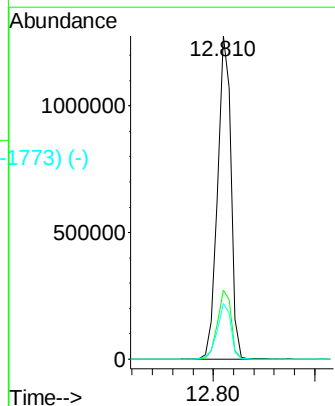
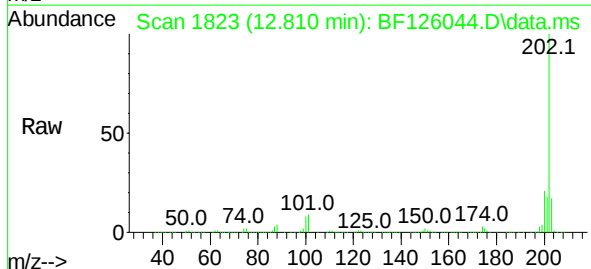
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

Tgt Ion:	184	Resp:	370500
Ion	Ratio	Lower	Upper
184	100		
185	13.5	10.8	16.2
183	11.6	8.1	12.1



Pyrene
Concen: 48.91 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:	202	Resp:	1167672
Ion	Ratio	Lower	Upper
202	100		
200	21.4	15.3	22.9
203	17.2	13.4	20.0



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

Terphenyl-d14

Concen: 67.91 ng

RT: 12.957 min Scan#

Delta R.T. -0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

Tgt Ion:244 Resp: 1253628

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 7.0 9.0 13.4#

Abundance Scan 1848 (12.957 min): BF126044.D\data.ms

Ref

54.1 92.1 122.1 160.1 212.2 244.2

m/z-->

Abundance

Raw

54.1 90.1 122.1 160.1 212.1 244.2

m/z-->

Abundance Scan 1848 (12.957 min): BF126044.D\data.ms (-1798) (-)

Sub

54.1 84.0 122.1 160.1 212.1 244.2

m/z-->

Abundance

12.957

1000000

500000

0

Time-->

12.90 12.95 13.00

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

Butylbenzylphthalate

Concen: 49.04 ng

RT: 13.433 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Tgt Ion:149 Resp: 426476

Ion Ratio Lower Upper

149 100

91 76.8 51.8 77.8

206 21.7 14.5 21.7

Abundance Scan 1929 (13.433 min): BF126044.D\data.ms

Ref

41.1 91.1 149.0 206.1 267.1 312.1

m/z-->

Abundance

Raw

41.1 91.1 149.0 206.1 267.1 312.1

m/z-->

Abundance Scan 1929 (13.433 min): BF126044.D\data.ms (-1878) (-)

Sub

41.1 91.0 149.0 206.1 267.1 312.1

m/z-->

Abundance

13.433

500000

400000

300000

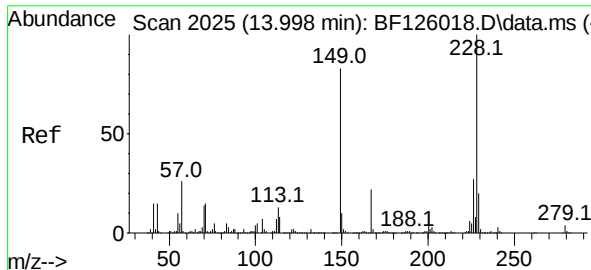
200000

100000

0

Time-->

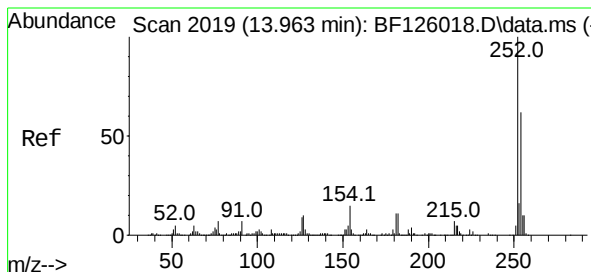
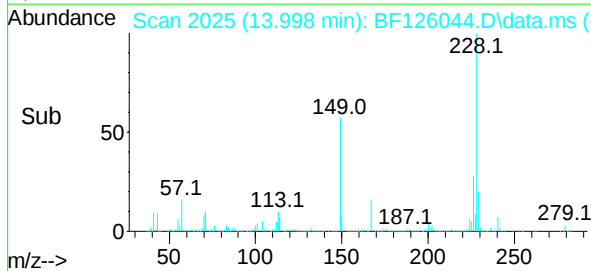
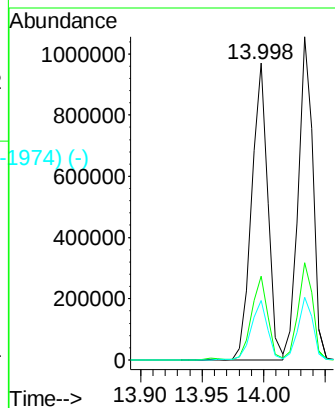
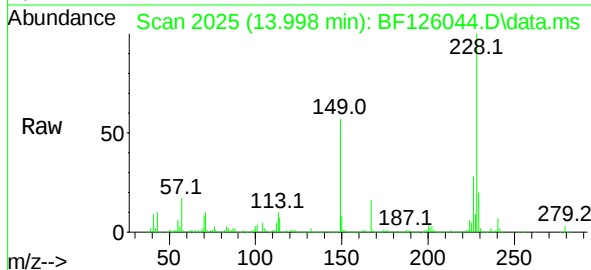
13.40 13.45



Benzo(a)anthracene
 Concen: 43.61 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. -0.000 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20

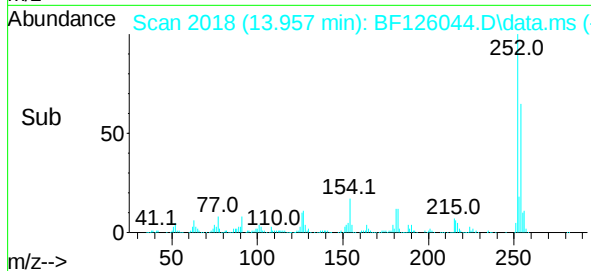
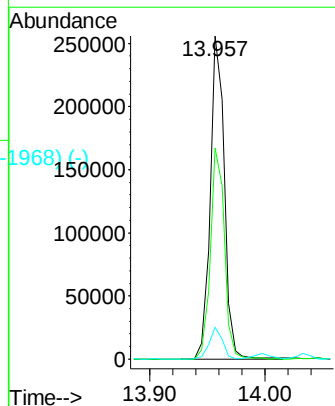
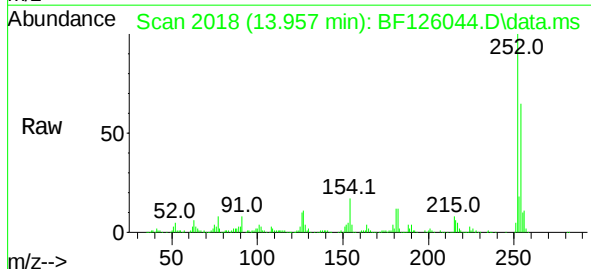
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MSD

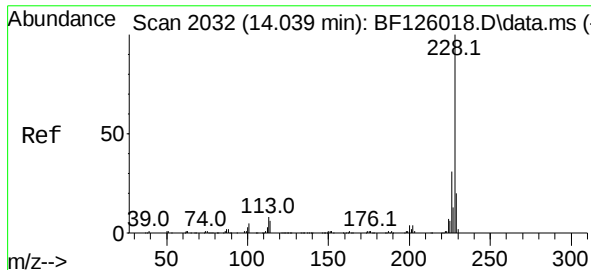
Tgt Ion:	228	Resp:	891832
Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.6	32.4
229	20.0	15.6	23.4



3,3'-Dichlorobenzidine
 Concen: 36.63 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20

Tgt Ion:	252	Resp:	218614
Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.4	77.0
126	9.9	9.5	14.3

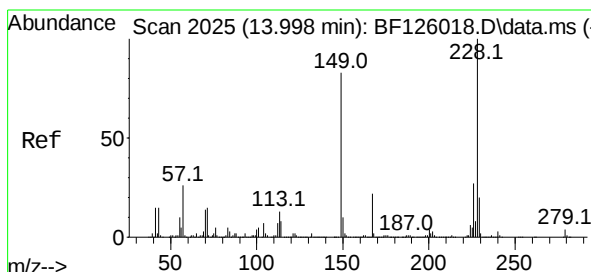
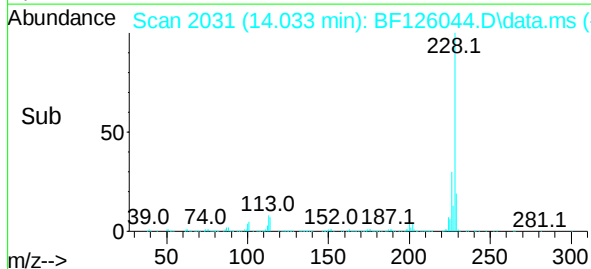
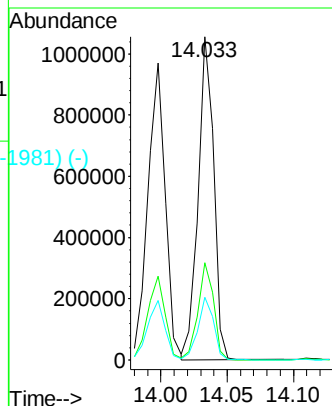
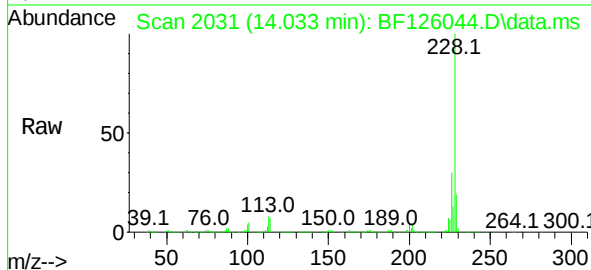




#28 (-)
Chrysene
Concen: 45.68 ng
RT: 14.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

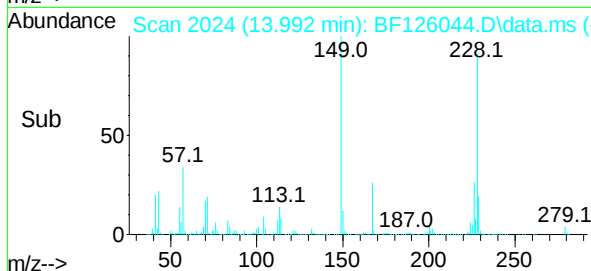
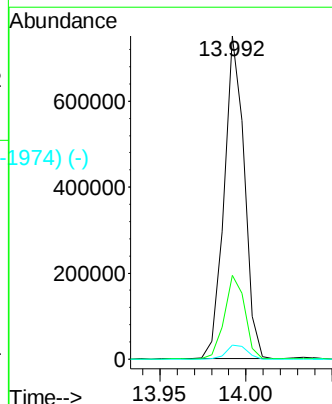
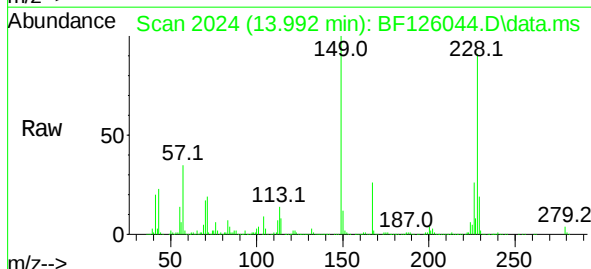
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

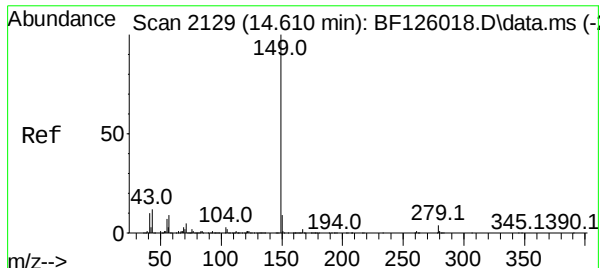
Tgt Ion:	228	Resp:	869291
Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	34.0
229	19.3	15.9	23.9



#34 (-)
Bis(2-ethylhexyl)phthalate
Concen: 51.22 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:	149	Resp:	617364
Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.4	32.0
279	4.2	2.6	4.0#

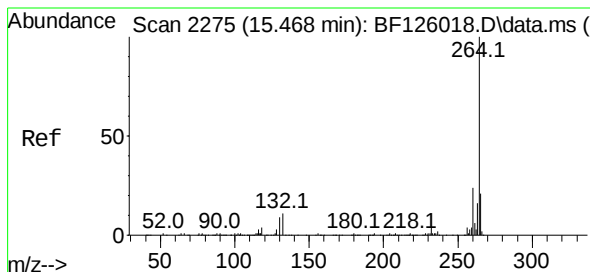
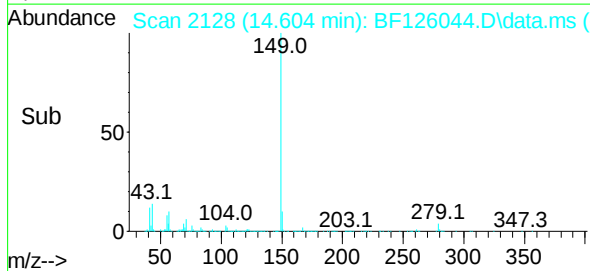
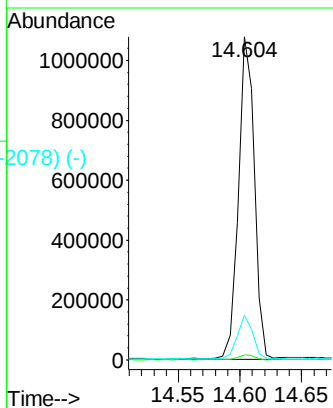
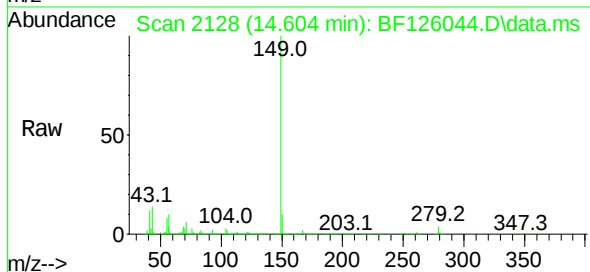




#285 (-)
Di-n-octyl phthalate
Concen: 57.07 ng
RT: 14.604 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

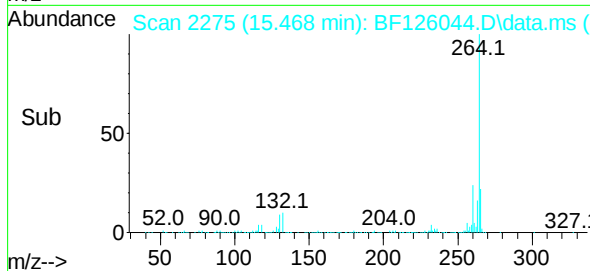
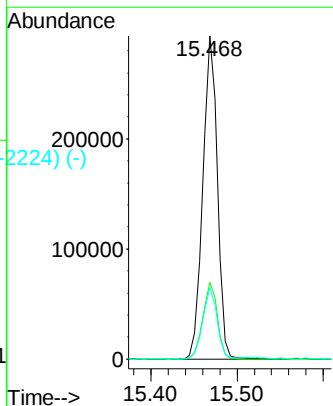
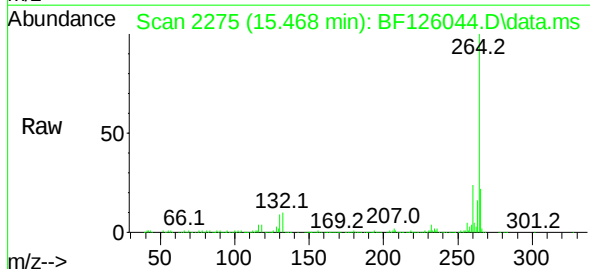
Instrument :
BNA_F
ClientSampleId :
VNJ-224MSD

Tgt Ion:	149	Resp:	977205
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.0	1.6#
43	12.8	9.9	14.9

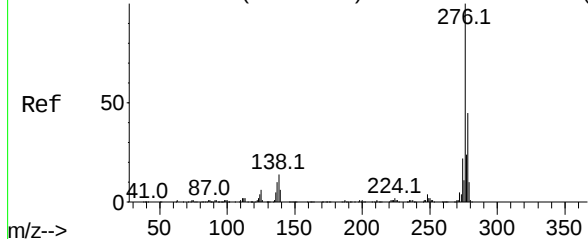


#286 (-)
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF126044.D
Acq: 4 Nov 2021 14:20

Tgt Ion:	264	Resp:	341180
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.2	17.2	25.8



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



Indeno(1,2,3-cd)pyrene

Concen: 49.70 ng

RT: 16.933 min Scan# 2523

Delta R.T. 0.006 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

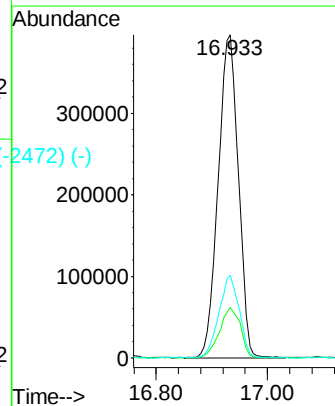
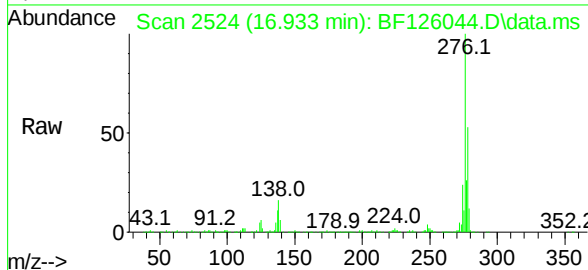
Tgt Ion:276 Resp: 1003672

Ion Ratio Lower Upper

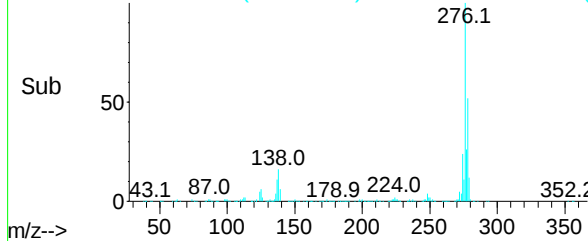
276 100

138 16.3 24.1 36.1#

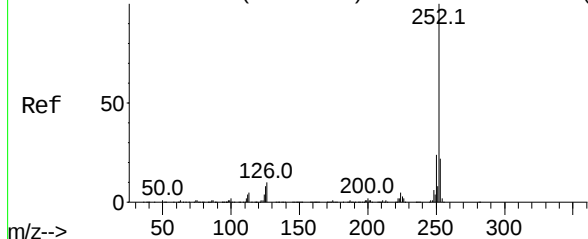
277 25.4 18.8 28.2



Abundance Scan 2524 (16.933 min): BF126044.D\data.ms (-2472) (-)



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



Benzo(b)fluoranthene

Concen: 44.74 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

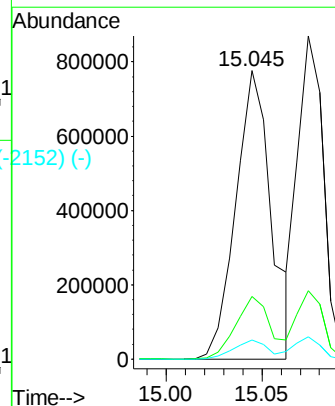
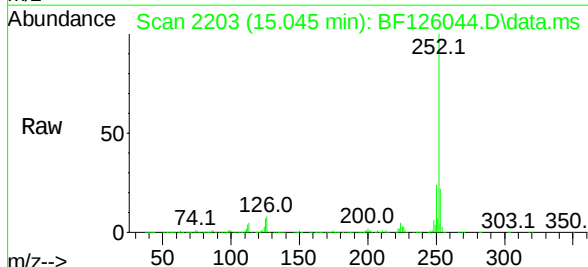
Tgt Ion:252 Resp: 992820

Ion Ratio Lower Upper

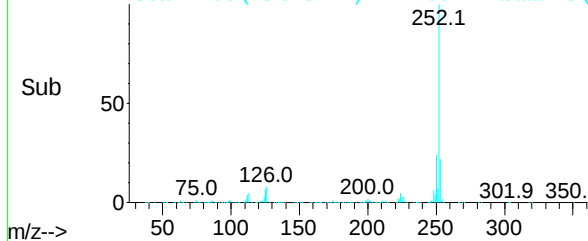
252 100

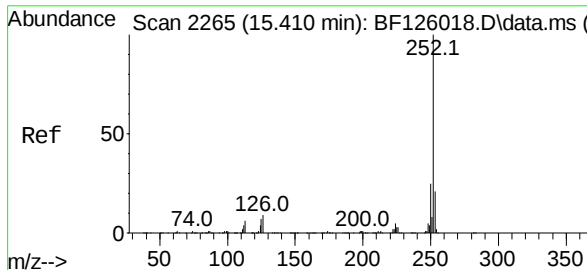
253 21.8 16.8 25.2

125 6.7 9.8 14.8#



Abundance Scan 2203 (15.045 min): BF126044.D\data.ms (-2152) (-)

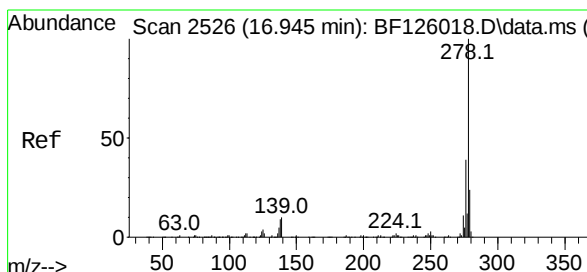
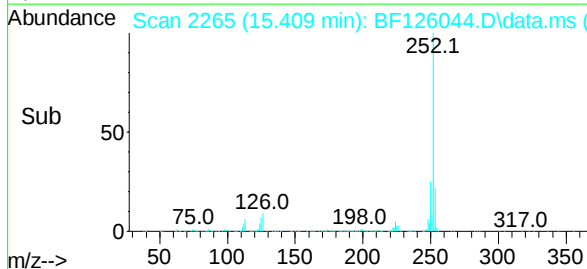
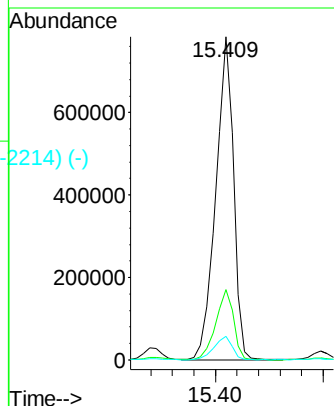
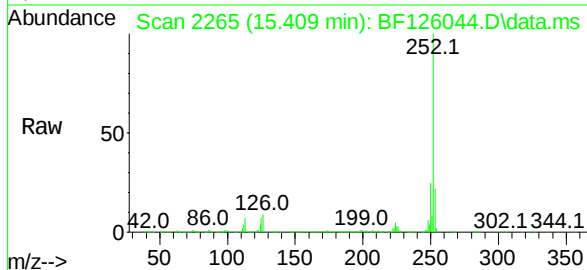




Benzo(a)pyrene
 Concen: 51.55 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.001 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20

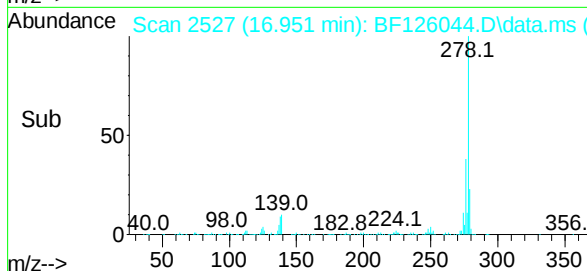
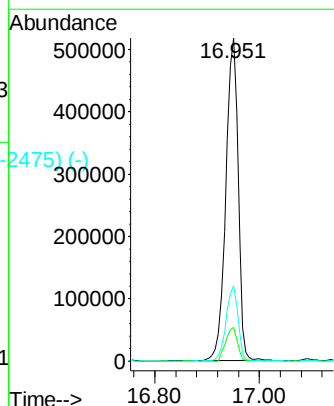
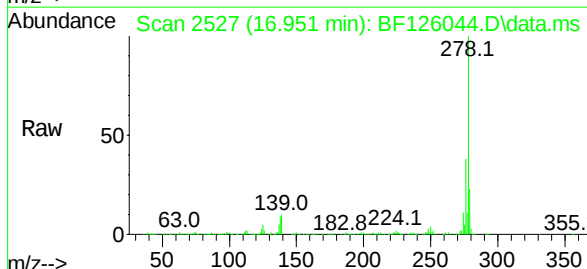
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-224MSD

Tgt Ion:252 Resp: 901271
 Ion Ratio Lower Upper
 252 100
 253 21.8 18.4 27.6
 125 7.3 9.9 14.9#

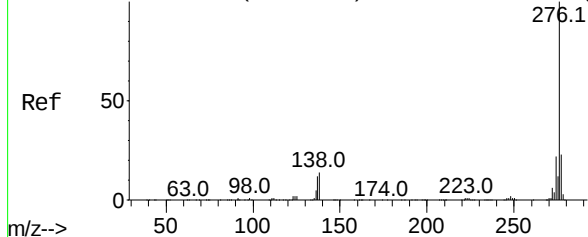


Dibenzo(a,h)anthracene
 Concen: 51.44 ng
 RT: 16.951 min Scan# 2527
 Delta R.T. 0.006 min
 Lab File: BF126044.D
 Acq: 4 Nov 2021 14:20

Tgt Ion:278 Resp: 853279
 Ion Ratio Lower Upper
 278 100
 139 10.4 14.9 22.3#
 279 23.4 19.7 29.5



Abundance Scan 2598 (17.368 min): BF126018.D\data.ms (-2547) (-)



Benzo(g,h,i)perylene

Concen: 49.43 ng

RT: 17.368 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126044.D

Acq: 4 Nov 2021 14:20

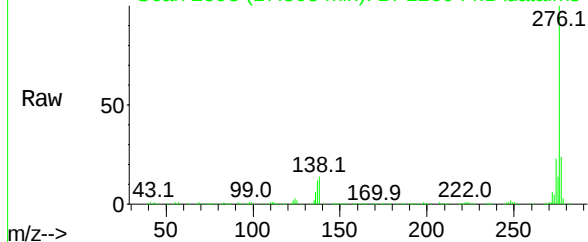
Instrument :

BNA_F

ClientSampleId :

VNJ-224MSD

Abundance Scan 2598 (17.368 min): BF126044.D\data.ms



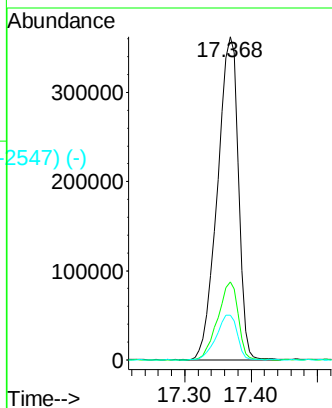
Tgt Ion:276 Resp: 786305

Ion Ratio Lower Upper

276 100

277 24.2 22.0 33.0

138 13.9 22.2 33.4#



Abundance Scan 2598 (17.368 min): BF126044.D\data.ms (-2547) (-)

