

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070121\
 Data File : BF124512.D
 Acq On : 1 Jul 2021 15:27
 Operator : JU/CG
 Sample : M2896-03DL 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-02DL

Quant Time: Jul 01 15:53:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 14:15:13 2021
 Response via : Initial Calibration

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

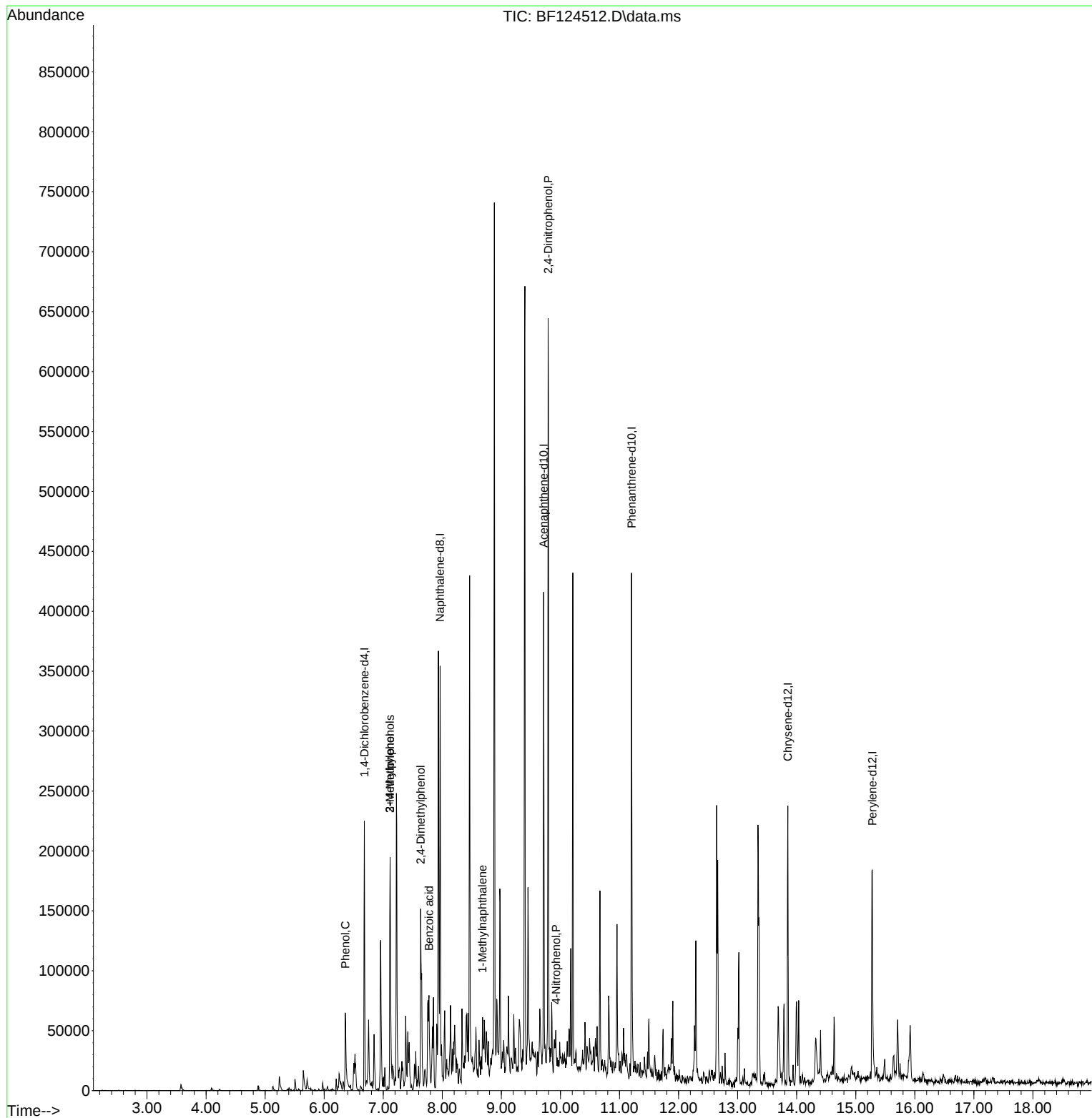
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	31162	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	112542	20.000	ng	# 0.00
39) Acenaphthene-d10	9.716	164	65697	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	126795	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	73350	20.000	ng	0.00
86) Perylene-d12	15.280	264	73378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	634	0.320	ng	0.09
7) Phenol-d6	6.351	99	1590	0.615	ng	0.01
23) Nitrobenzene-d5	7.257	82	1669	0.615	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	950	1.210	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	3155	0.588	ng	0.00
79) Terphenyl-d14	12.786	244	7484	1.528	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.357	94	24426	8.732	ng	89
17) 2-Methylphenol	7.116	107	45651	25.907	ng	86
20) 3+4-Methylphenols	7.116	107	45651	19.848	ng	# 72
27) 2,4-Dimethylphenol	7.634	122	30464	17.328	ng	# 89
32) Benzoic acid	7.775	122	21582	25.065	ng	# 13
38) 1-Methylnaphthalene	8.681	142	8889	2.040	ng	87
54) 2,4-Dinitrophenol	9.792	184	700	7.573	ng	# 1
56) 4-Nitrophenol	9.928	139	1801	3.241	ng	# 15

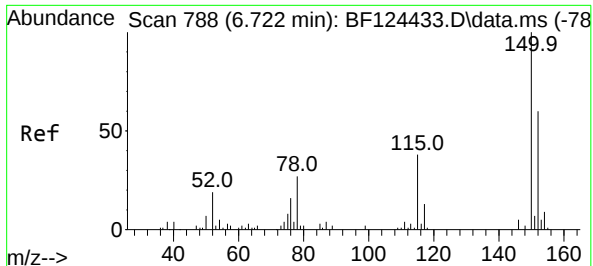
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070121\
Data File : BF124512.D
Acq On : 1 Jul 2021 15:27
Operator : JU/CG
Sample : M2896-03DL 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-02DL

Quant Time: Jul 01 15:53:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 14:15:13 2021
Response via : Initial Calibration

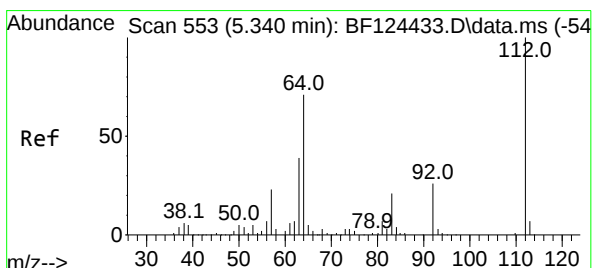
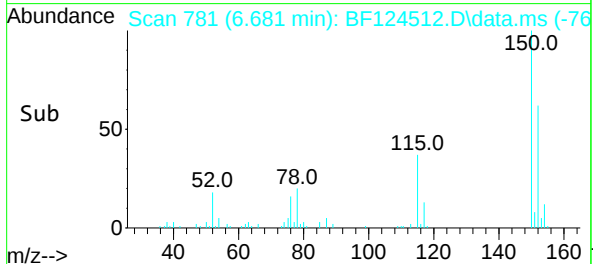
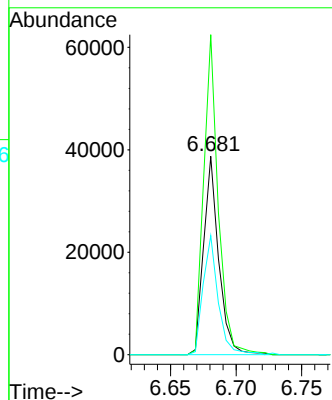
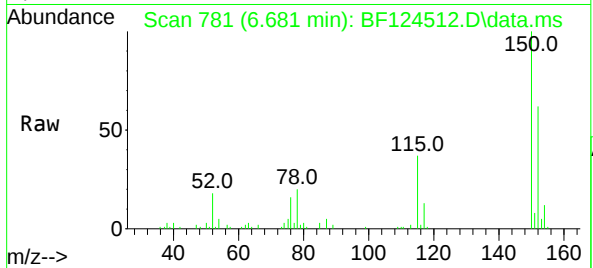




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

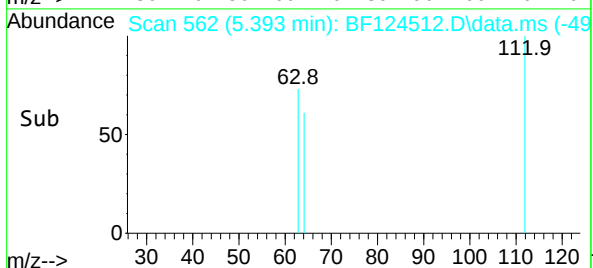
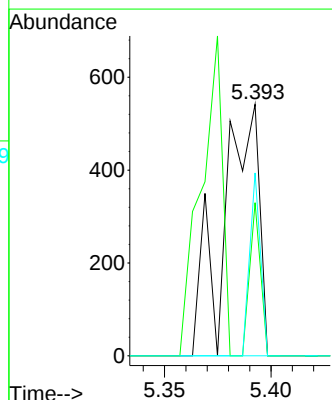
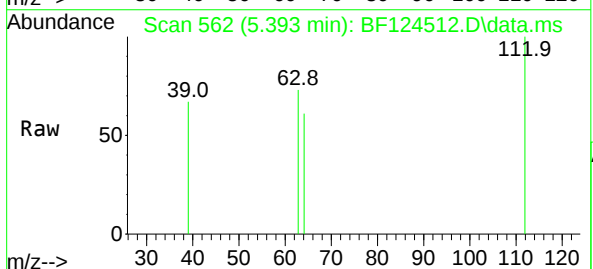
Instrument :
BNA_F
ClientSampleId :
FS-02DL

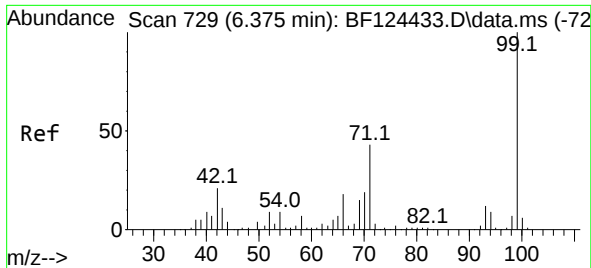
Tgt Ion:152 Resp: 31162
Ion Ratio Lower Upper
152 100
150 161.3 127.0 190.6
115 60.0 54.3 81.5



#5
2-Fluorophenol
Concen: 0.320 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.088 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

Tgt Ion:112 Resp: 634
Ion Ratio Lower Upper
112 100
64 60.9 61.4 92.0#
63 72.7 33.0 49.4#

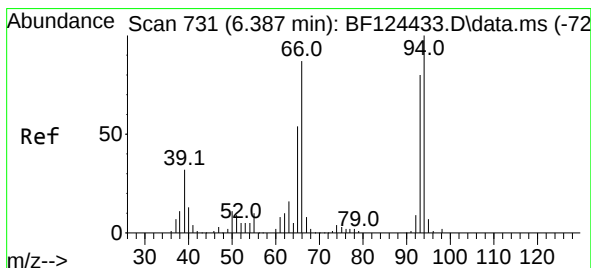
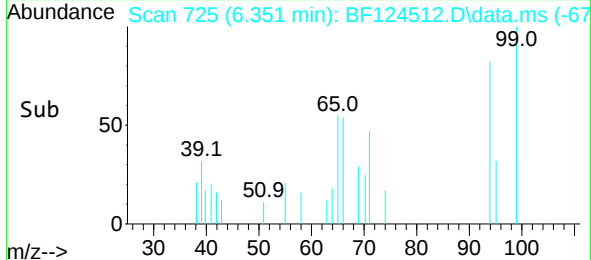
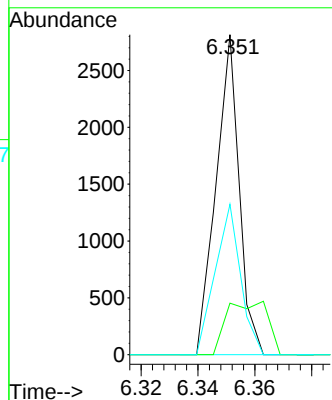
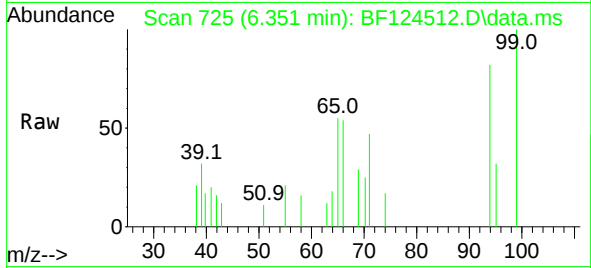




#7
Phenol-d6
Concen: 0.615 ng
RT: 6.351 min Scan# 725
Delta R.T. 0.012 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

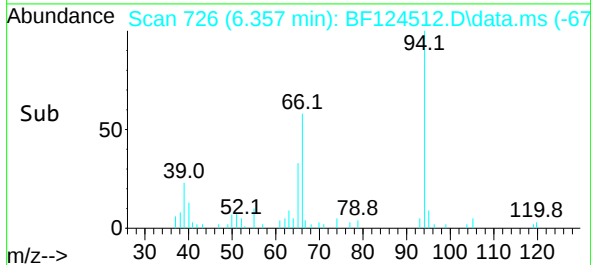
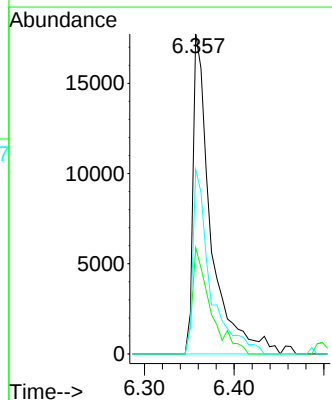
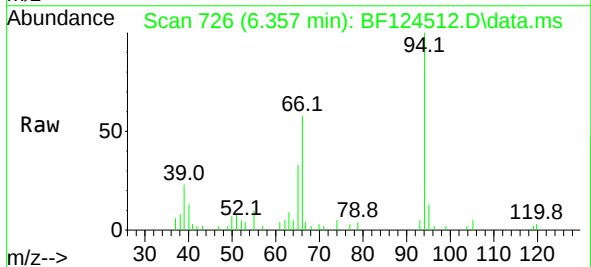
Instrument :
BNA_F
ClientSampled :
FS-02DL

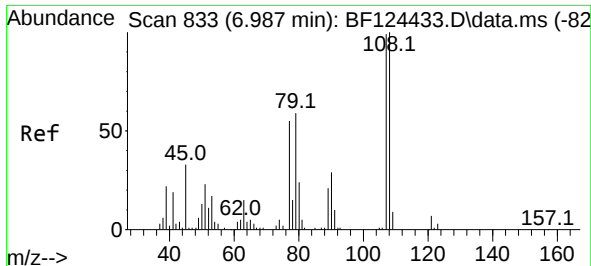
Tgt Ion: 99 Resp: 1590
Ion Ratio Lower Upper
99 100
42 16.1 19.8 29.8#
71 47.0 31.1 46.7#



#10
Phenol
Concen: 8.732 ng
RT: 6.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

Tgt Ion: 94 Resp: 24426
Ion Ratio Lower Upper
94 100
65 33.2 18.1 58.1
66 57.7 29.0 69.0





#17

2-Methylphenol

Concen: 25.907 ng

RT: 7.116 min Scan# 855

Delta R.T. 0.159 min

Lab File: BF124512.D

Acq: 1 Jul 2021 15:27

Instrument :

BNA_F

ClientSampleId :

FS-02DL

Tgt Ion:107 Resp: 45651

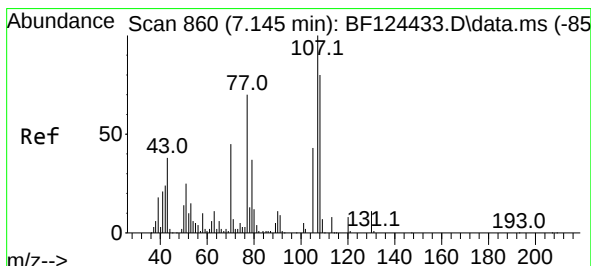
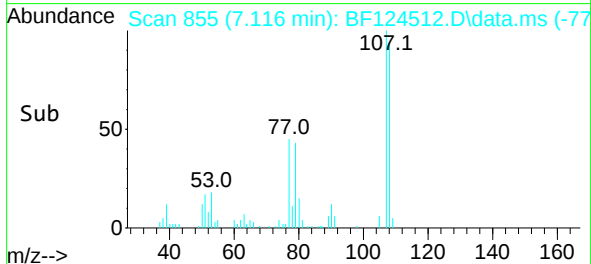
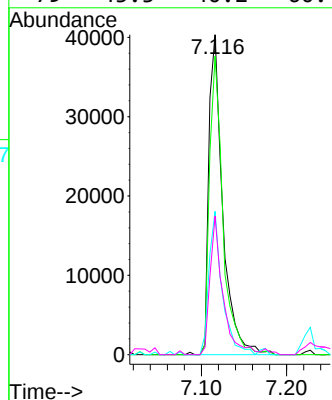
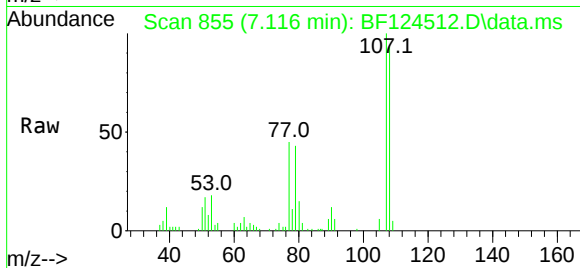
Ion Ratio Lower Upper

107 100

108 93.2 89.8 134.8

77 44.8 40.9 61.3

79 43.3 40.2 60.4



#20

3+4-Methylphenols

Concen: 19.848 ng

RT: 7.116 min Scan# 855

Delta R.T. 0.000 min

Lab File: BF124512.D

Acq: 1 Jul 2021 15:27

Tgt Ion:107 Resp: 45651

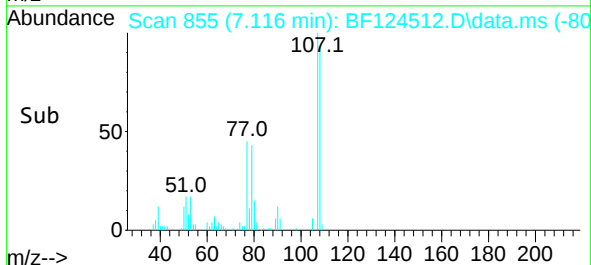
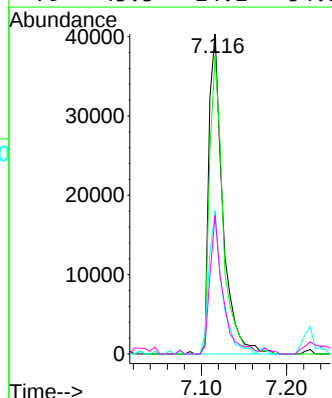
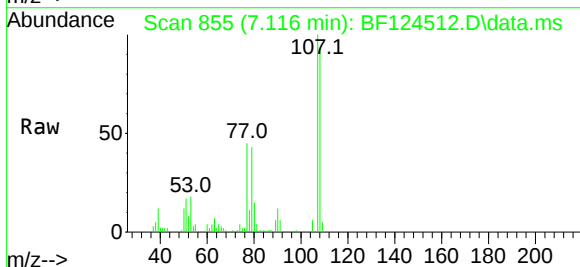
Ion Ratio Lower Upper

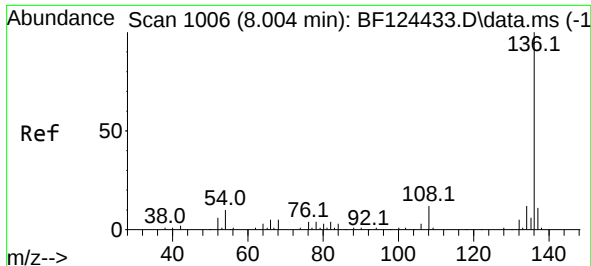
107 100

108 93.2 71.5 111.5

77 44.8 82.0 122.0#

79 43.3 14.1 54.1

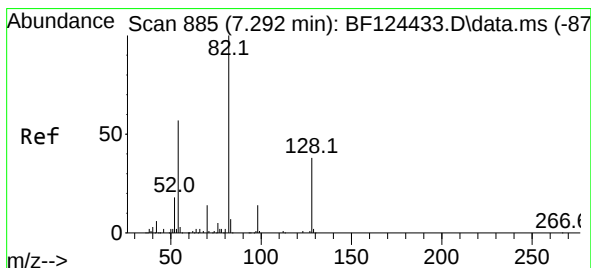
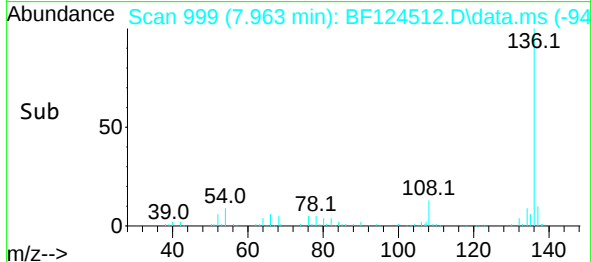
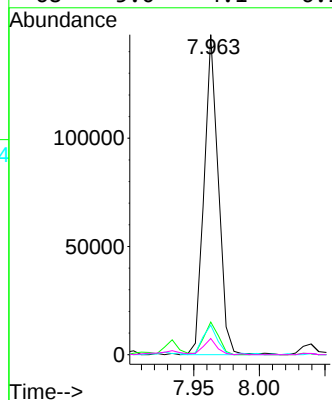
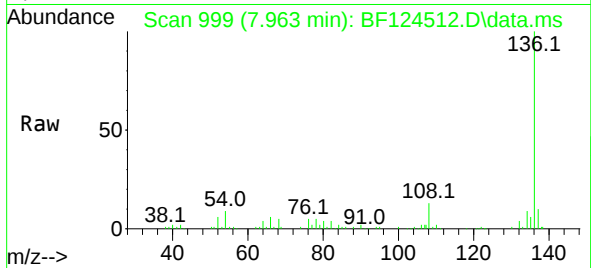




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

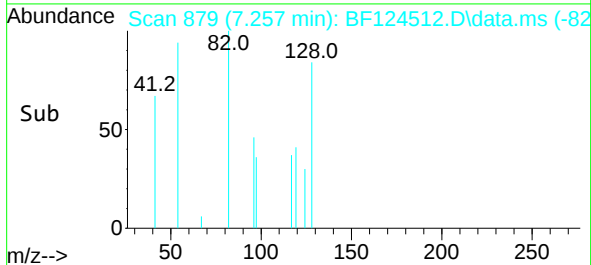
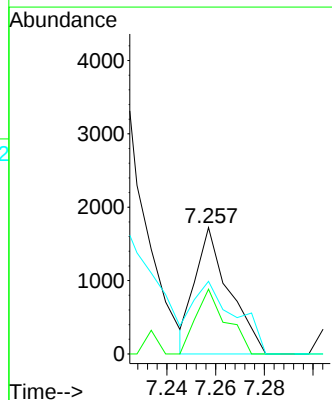
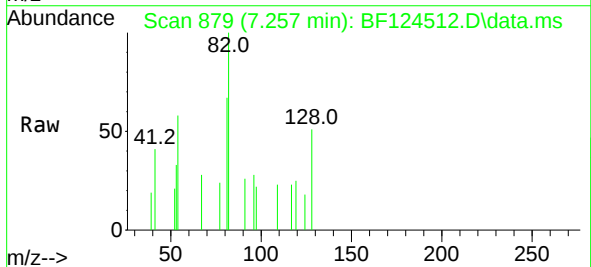
Instrument :
BNA_F
ClientSampleId :
FS-02DL

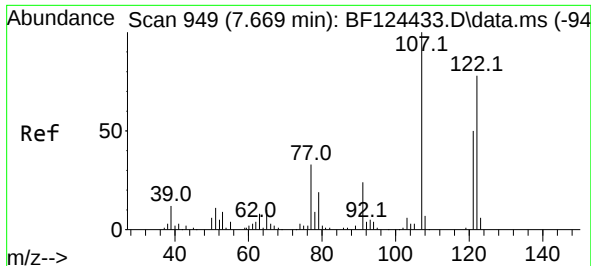
Tgt Ion:136	Resp: 112542
Ion Ratio	Lower Upper
136 100	
137 10.2	8.7 13.1
54 9.2	9.8 14.6#
68 5.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 0.615 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

Tgt Ion: 82	Resp: 1669
Ion Ratio	Lower Upper
82 100	
128 51.3	29.4 44.2#
54 57.5	54.1 81.1





#27

2,4-Dimethylphenol

Concen: 17.328 ng

RT: 7.634 min Scan# 943

Delta R.T. 0.000 min

Lab File: BF124512.D

Acq: 1 Jul 2021 15:27

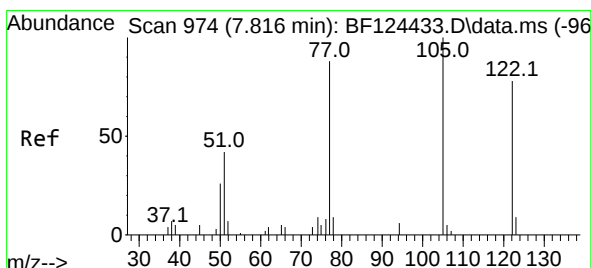
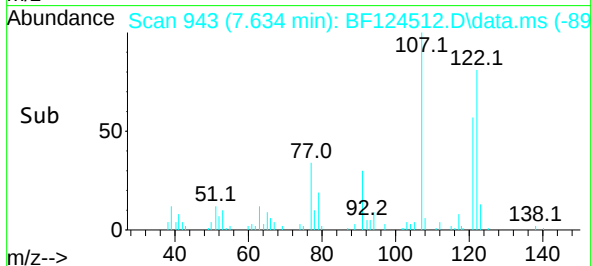
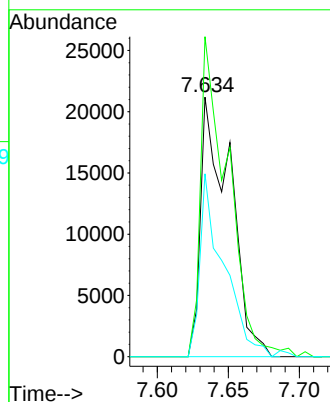
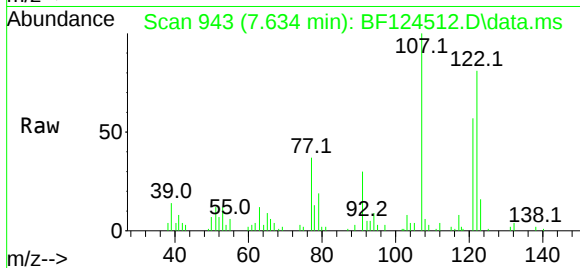
Tgt Ion:122	Resp:	30464
Ion Ratio	Lower	Upper
122	100	
107	123.3	106.3 159.5
121	70.5	45.4 68.0#

Instrument :

BNA_F

ClientSampleId :

FS-02DL



#32

Benzoic acid

Concen: 25.065 ng

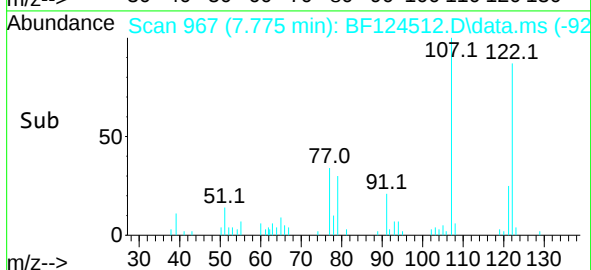
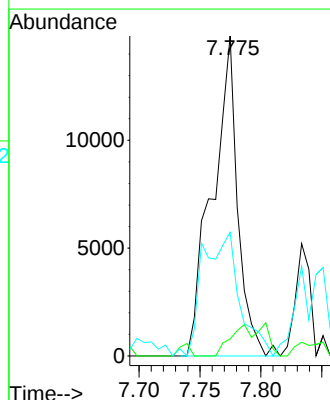
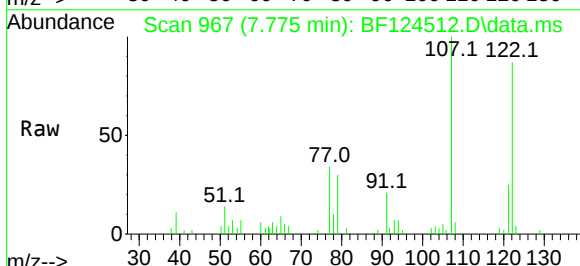
RT: 7.775 min Scan# 967

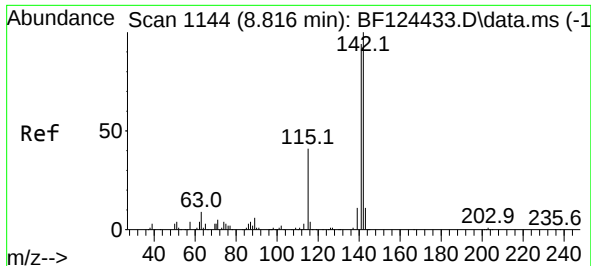
Delta R.T. -0.029 min

Lab File: BF124512.D

Acq: 1 Jul 2021 15:27

Tgt Ion:122	Resp:	21582
Ion Ratio	Lower	Upper
122	100	
105	5.3	107.8 147.8#
77	38.6	81.6 121.6#

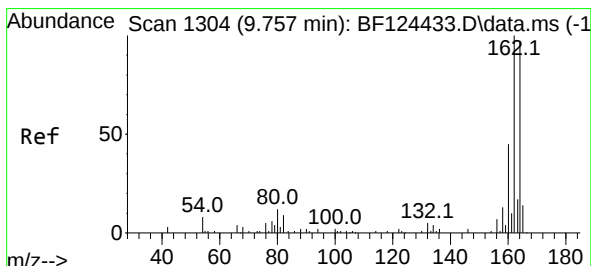
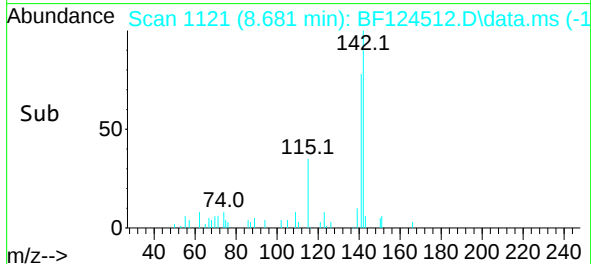
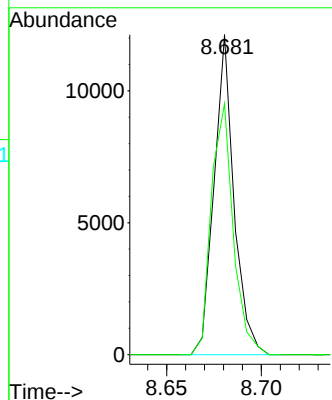
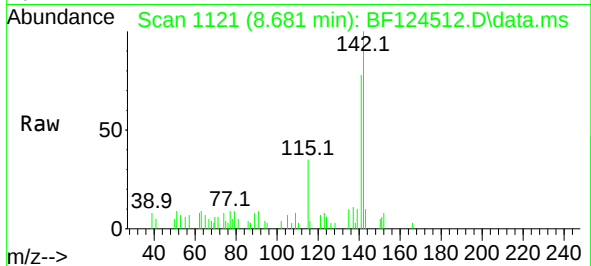




#38
1-Methylnaphthalene
Concen: 2.040 ng
RT: 8.681 min Scan# 1121
Delta R.T. -0.100 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

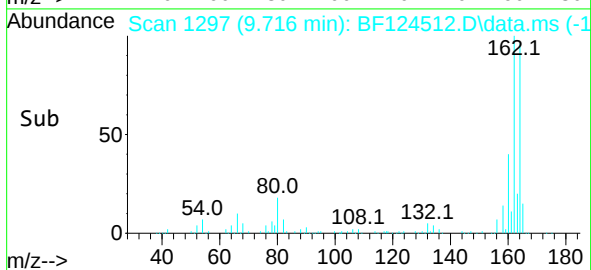
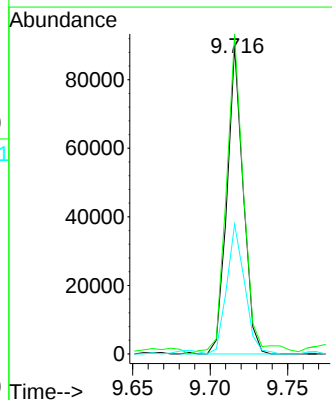
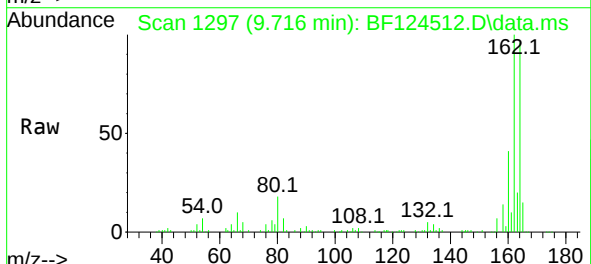
Instrument :
BNA_F
ClientSampled :
FS-02DL

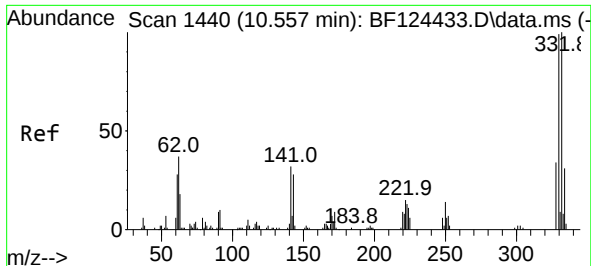
Tgt Ion:142 Resp: 8889
Ion Ratio Lower Upper
142 100
141 78.5 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

Tgt Ion:164 Resp: 65697
Ion Ratio Lower Upper
164 100
162 104.0 80.7 121.1
160 42.2 37.3 55.9

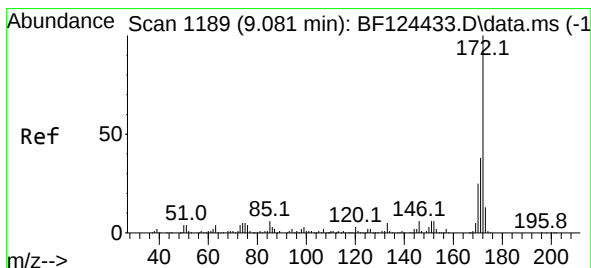
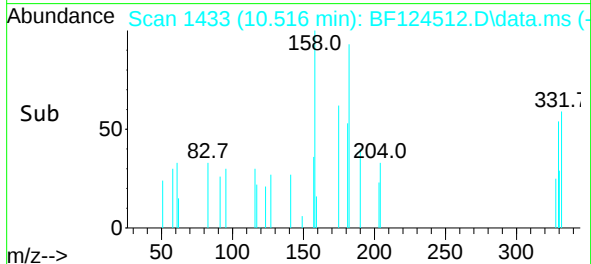
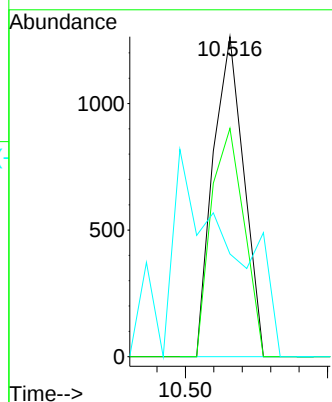
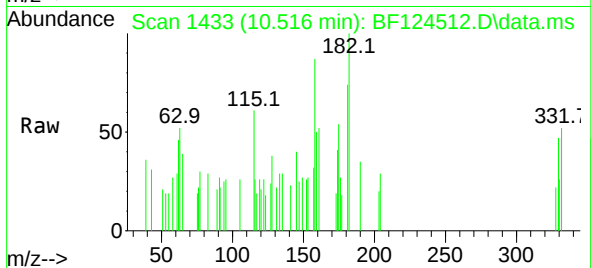




#42
2,4,6-Tribromophenol
Concen: 1.210 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

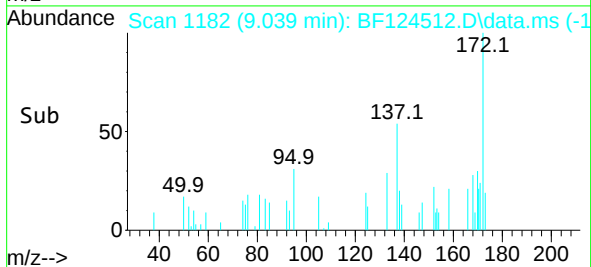
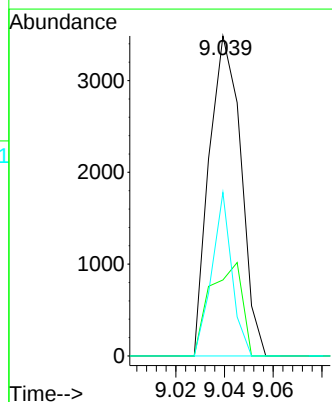
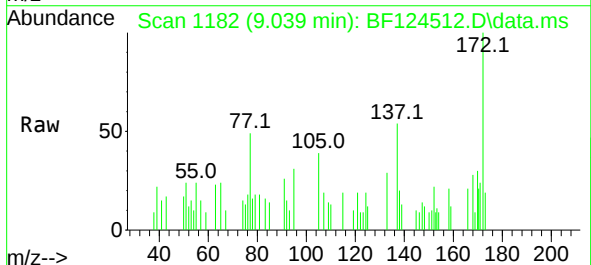
Instrument :
BNA_F
ClientSampleId :
FS-02DL

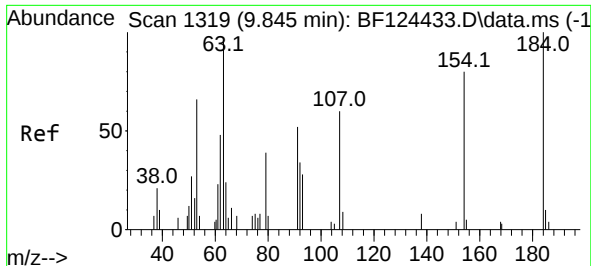
Tgt Ion:330 Resp: 950
Ion Ratio Lower Upper
330 100
332 76.2 77.1 115.7#
141 129.4 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 0.588 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

Tgt Ion:172 Resp: 3155
Ion Ratio Lower Upper
172 100
171 23.7 28.1 42.1#
170 51.1 19.2 28.8#

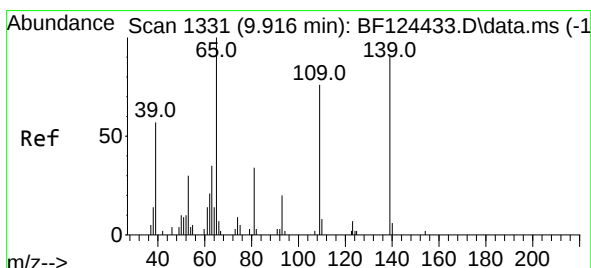
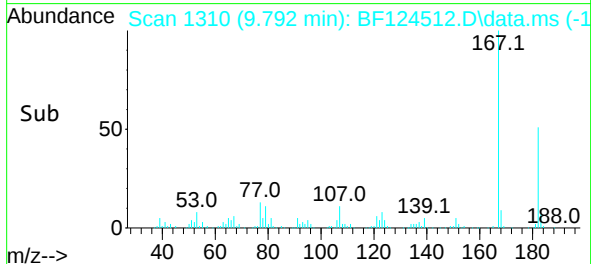
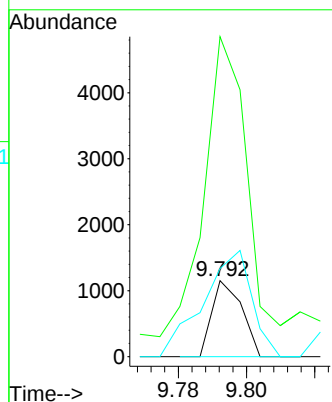
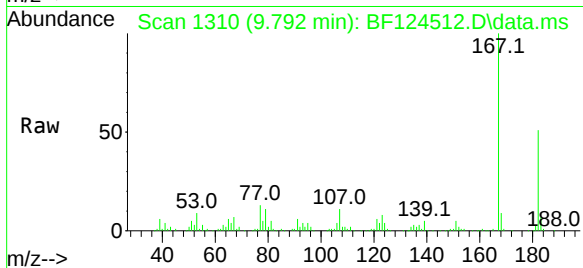




#54
2,4-Dinitrophenol
Concen: 7.573 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.023 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

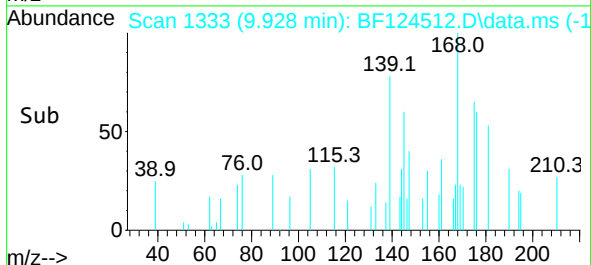
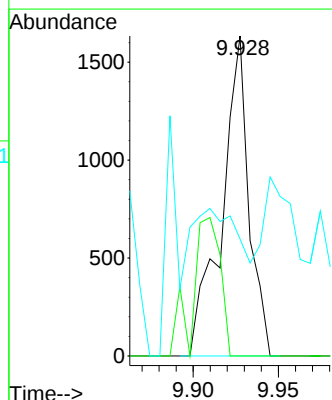
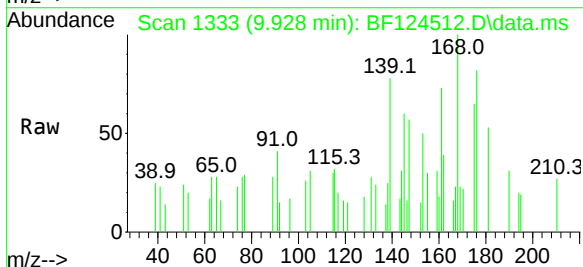
Instrument :
BNA_F
ClientSampleId :
FS-02DL

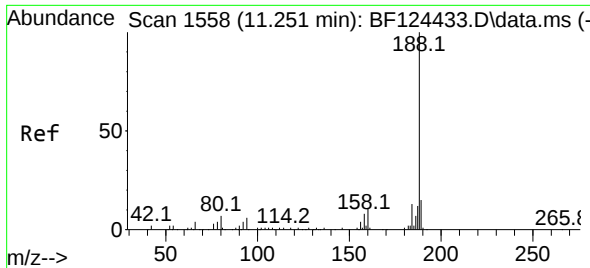
Tgt Ion:184 Resp: 700
Ion Ratio Lower Upper
184 100
63 421.4 73.5 110.3#
154 116.0 52.5 78.7#



#56
4-Nitrophenol
Concen: 3.241 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.047 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

Tgt Ion:139 Resp: 1801
Ion Ratio Lower Upper
139 100
109 0.0 63.2 103.2#
65 36.5 110.0 150.0#

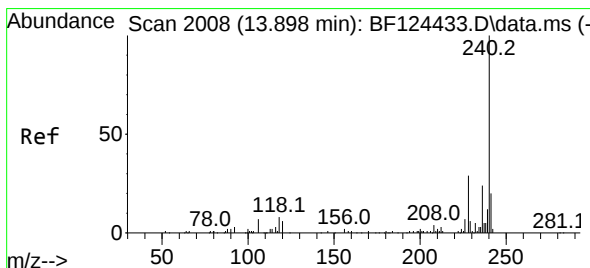
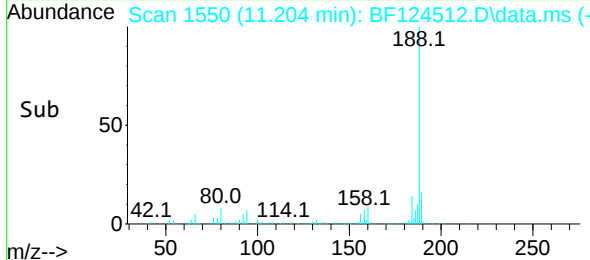
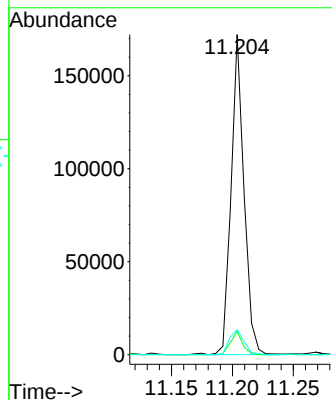
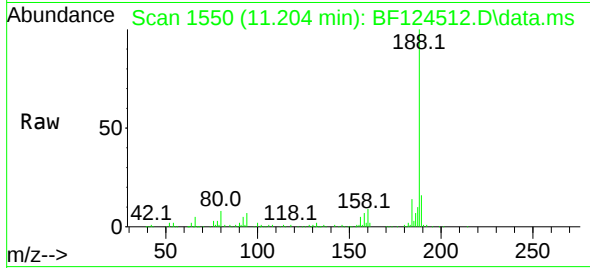




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

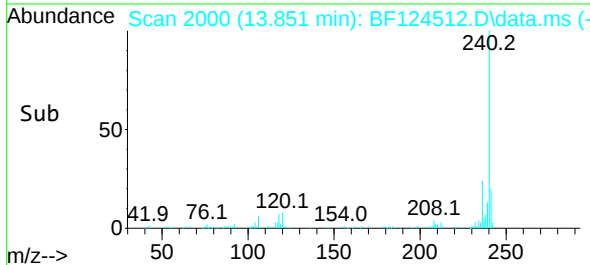
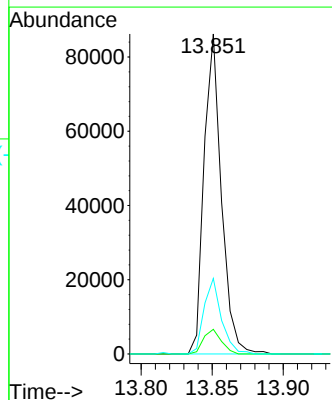
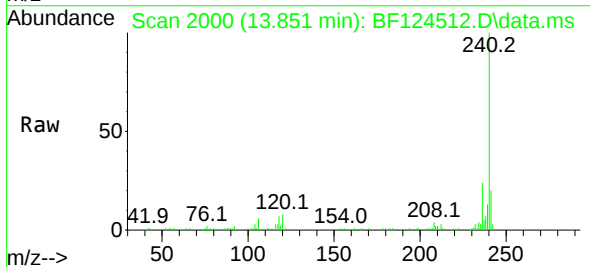
Instrument :
BNA_F
ClientSampleId :
FS-02DL

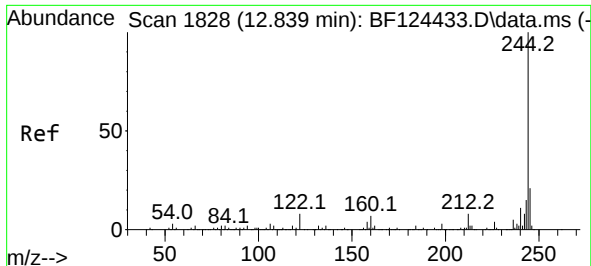
Tgt Ion:188 Resp: 126795
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 7.8 8.2 12.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

Tgt Ion:240 Resp: 73350
Ion Ratio Lower Upper
240 100
120 7.7 7.2 10.8
236 23.6 19.0 28.4

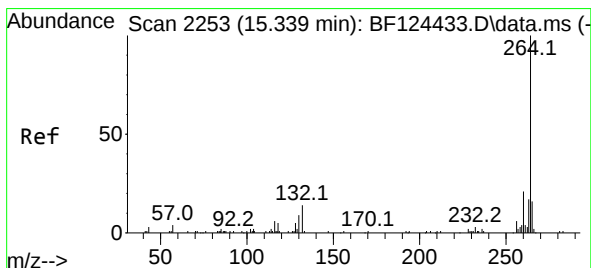
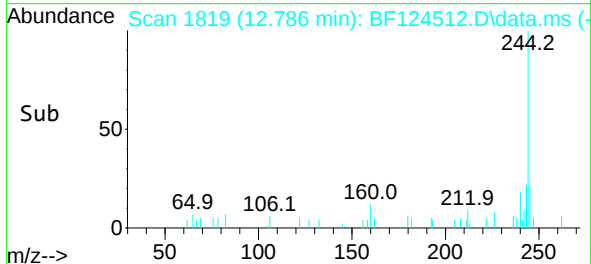
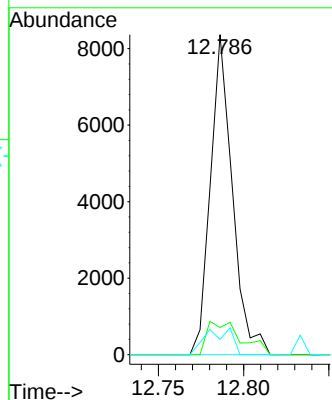
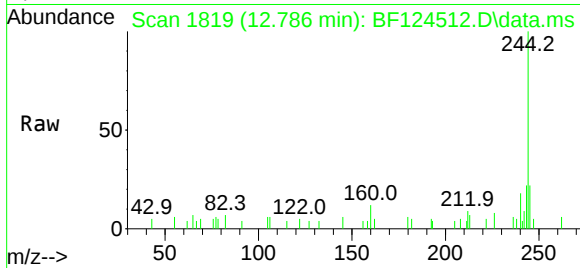




#79
Terphenyl-d14
Concen: 1.528 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

Instrument :
BNA_F
ClientSampleId :
FS-02DL

Tgt Ion:244 Resp: 7484
Ion Ratio Lower Upper
244 100
212 8.5 5.7 8.5
122 4.8 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.280 min Scan# 2243
Delta R.T. 0.006 min
Lab File: BF124512.D
Acq: 1 Jul 2021 15:27

Tgt Ion:264 Resp: 73378
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 20.7 17.8 26.8

