

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070121\
 Data File : BF124513.D
 Acq On : 1 Jul 2021 16:01
 Operator : JU/CG
 Sample : M2986-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-01

Quant Time: Jul 01 16:28:14 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)

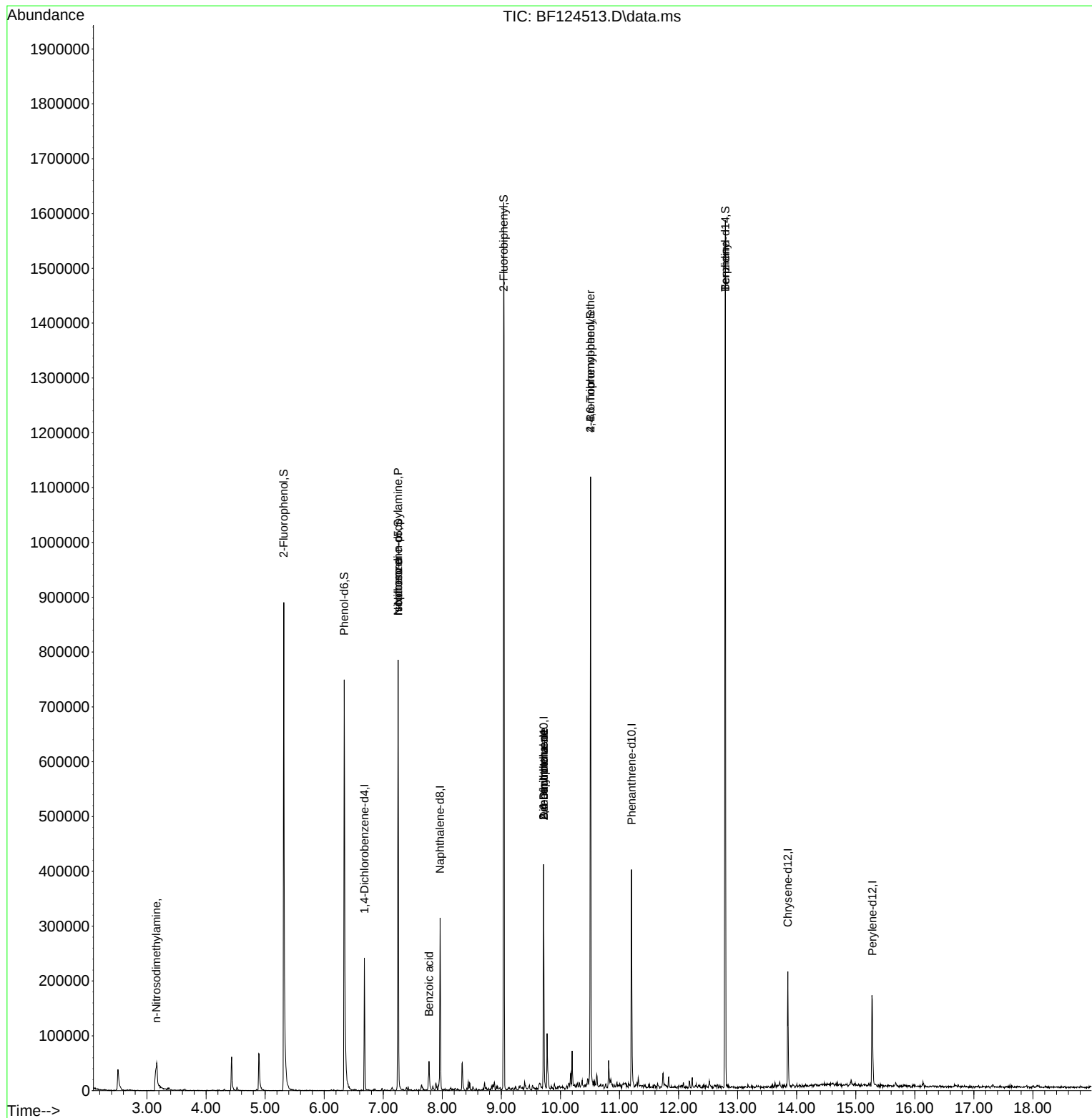
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	31601	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	115538	20.000	ng	# 0.00
39) Acenaphthene-d10	9.716	164	71553	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	128094	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	62084	20.000	ng	0.00
86) Perylene-d12	15.280	264	70011	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	234069	116.489	ng	0.01
7) Phenol-d6	6.339	99	263484	100.428	ng	0.00
23) Nitrobenzene-d5	7.251	82	227714	81.719	ng	0.00
42) 2,4,6-Tribromophenol	10.510	330	115343	134.924	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	466217	79.816	ng	0.00
79) Terphenyl-d14	12.792	244	482866	116.493	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.157	42	3834	3.751	ng	# 3
19) n-Nitroso-di-n-propyla...	7.251	70	31925	18.094	ng	# 62
25) Isophorone	7.251	82	227712	47.530	ng	# 69
32) Benzoic acid	7.775	122	10199	15.417	ng	# 14
50) Dimethylphthalate	9.716	163	13854	2.456	ng	# 1
51) 2,6-Dinitrotoluene	9.716	165	9500	7.290	ng	# 16
57) 2,4-Dinitrotoluene	9.716	165	9500	5.500	ng	# 22
67) 4-Bromophenyl-phenylether	10.510	248	7555	4.384	ng	# 1
77) Benzidine	12.792	184	7645	6.144	ng	# 86

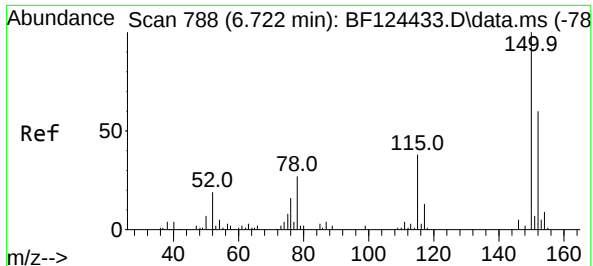
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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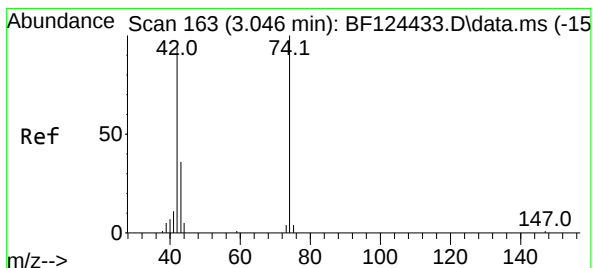
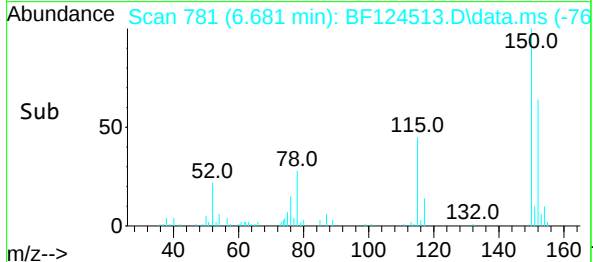
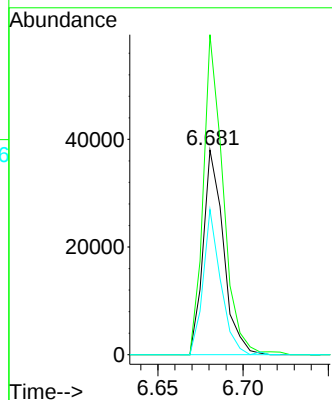
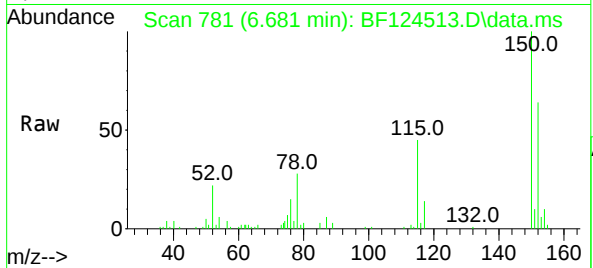




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.681 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: BF124513.D
 Acq: 1 Jul 2021 16:01

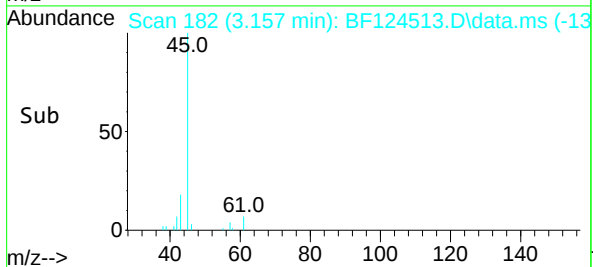
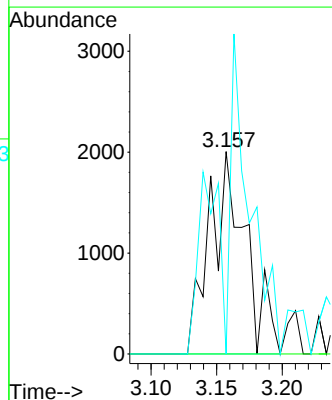
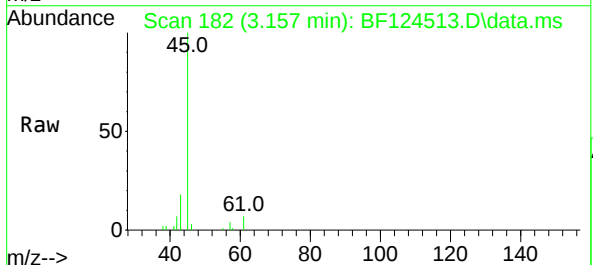
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 BNA_F
 ClientSampleId :
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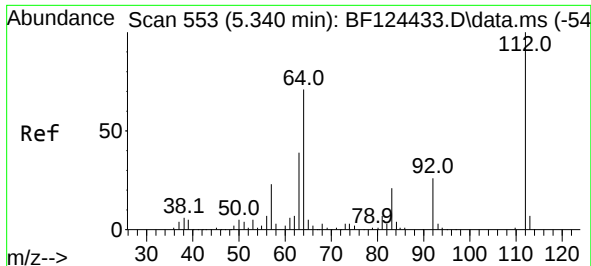
Tgt Ion:152 Resp: 31601
 Ion Ratio Lower Upper
 152 100
 150 156.3 127.0 190.6
 115 71.0 54.3 81.5



#4
 n-Nitrosodimethylamine
 Concen: 3.751 ng
 RT: 3.157 min Scan# 182
 Delta R.T. 0.153 min
 Lab File: BF124513.D
 Acq: 1 Jul 2021 16:01

Tgt Ion: 42 Resp: 3834
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.5 125.3#
 44 0.0 5.7 8.5#

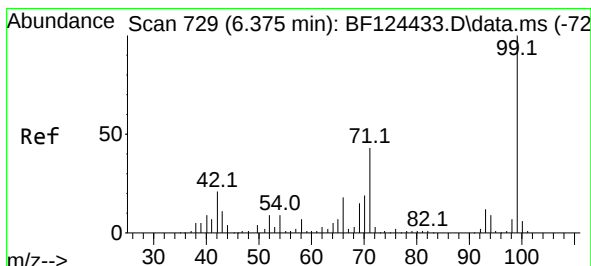
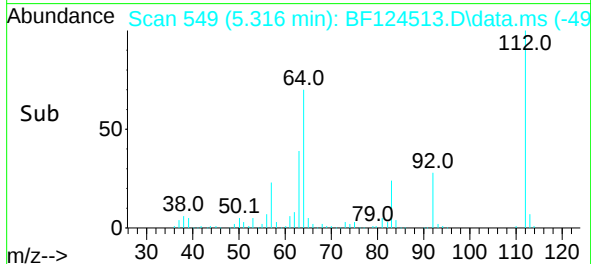
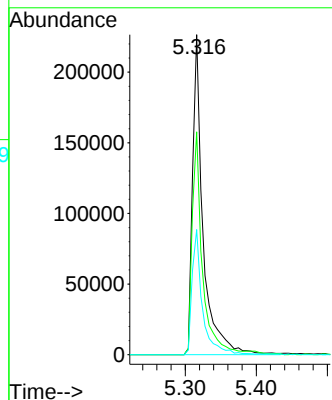
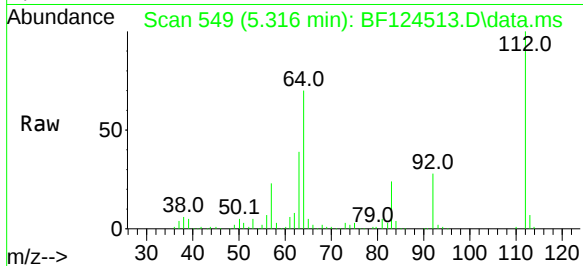




#5
2-Fluorophenol
Concen: 116.489 ng
RT: 5.316 min Scan# 549
Delta R.T. 0.012 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

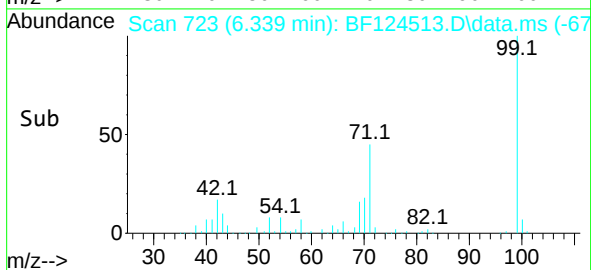
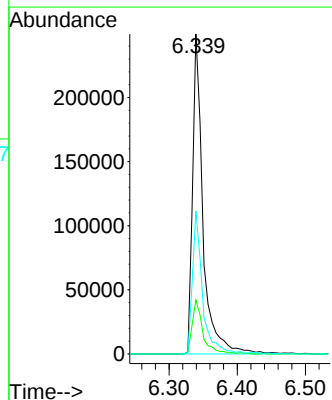
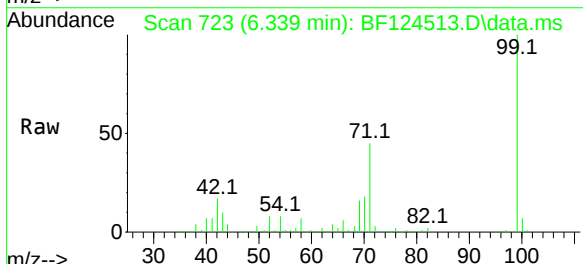
Instrument :
BNA_F
ClientSampled :
FS-01

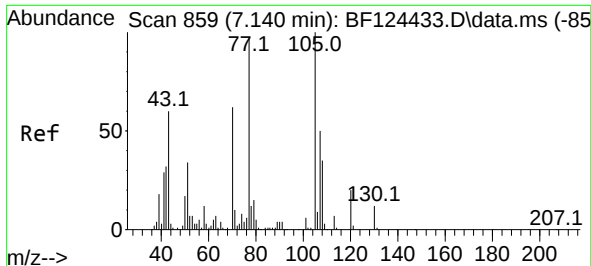
Tgt Ion:112 Resp: 234069
Ion Ratio Lower Upper
112 100
64 69.7 61.4 92.0
63 39.1 33.0 49.4



#7
Phenol-d6
Concen: 100.428 ng
RT: 6.339 min Scan# 723
Delta R.T. -0.000 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

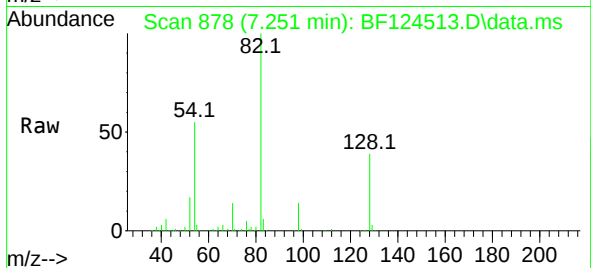
Tgt Ion: 99 Resp: 263484
Ion Ratio Lower Upper
99 100
42 16.9 19.8 29.8#
71 44.7 31.1 46.7



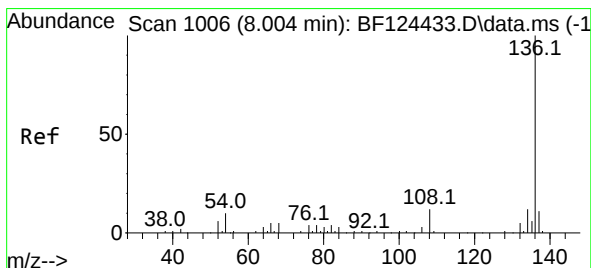
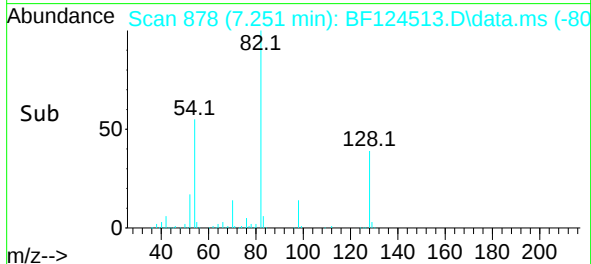
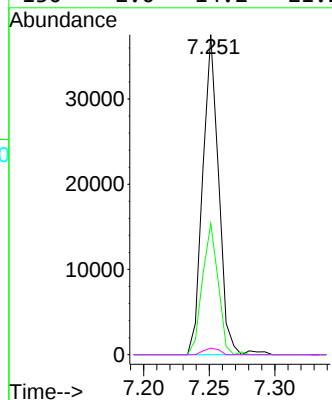


#19
n-Nitroso-di-n-propylamine
Concen: 18.094 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

Instrument :
BNA_F
ClientSampleId :
FS-01

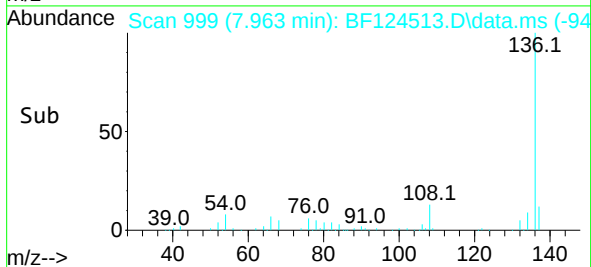
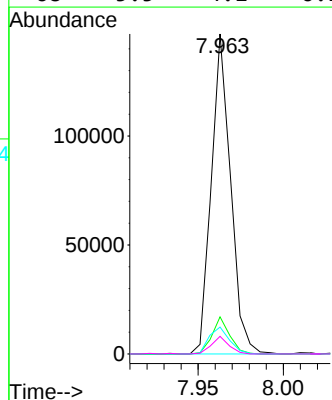
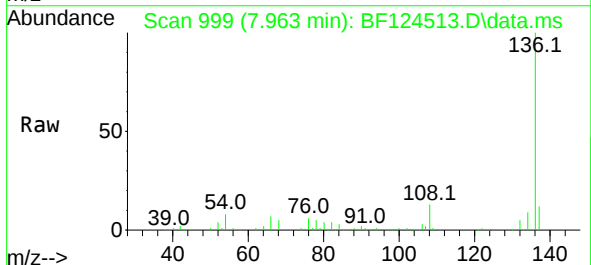


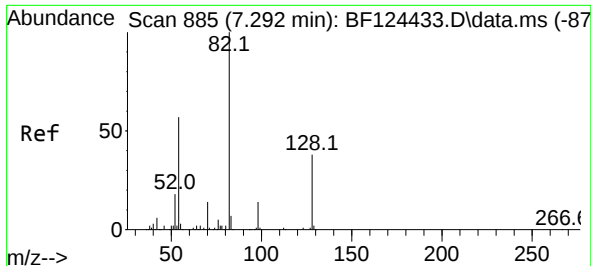
Tgt Ion: 70 Resp: 31925
Ion Ratio Lower Upper
70 100
42 41.0 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

Tgt Ion: 136 Resp: 115538
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 8.4 9.8 14.6#
68 5.5 4.1 6.1

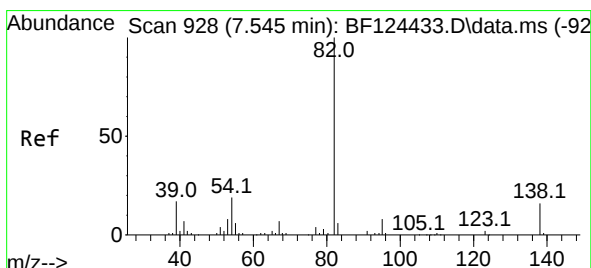
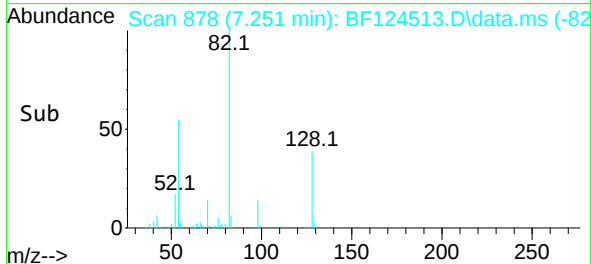
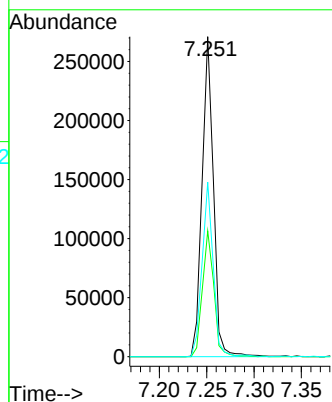
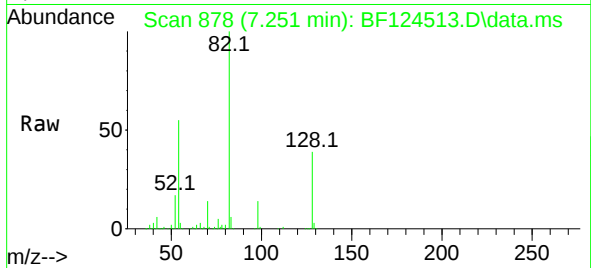




#23
Nitrobenzene-d5
Concen: 81.719 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

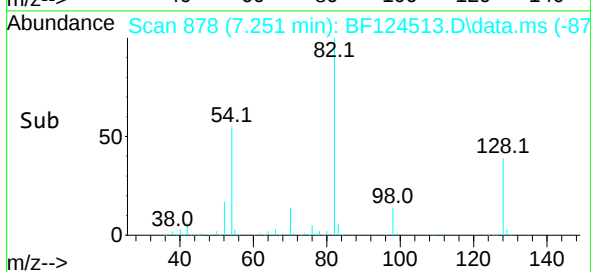
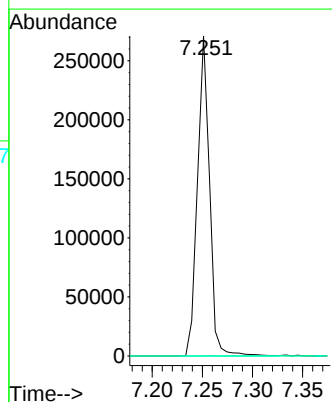
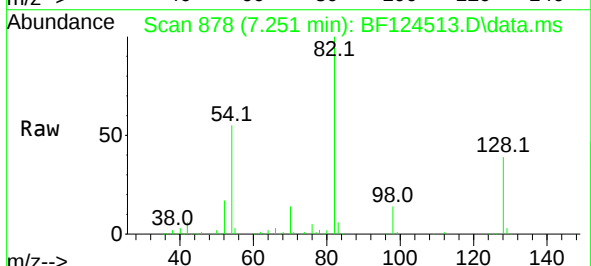
Instrument :
BNA_F
ClientSampleId :
FS-01

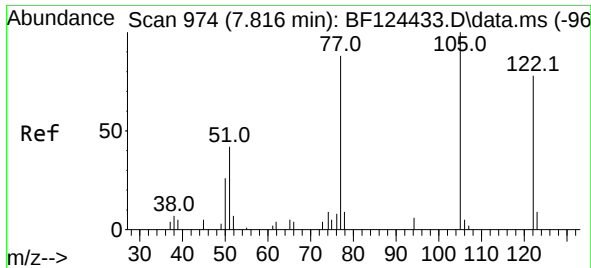
Tgt Ion: 82 Resp: 227714
Ion Ratio Lower Upper
82 100
128 39.3 29.4 44.2
54 54.6 54.1 81.1



#25
Isophorone
Concen: 47.530 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.265 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

Tgt Ion: 82 Resp: 227712
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#

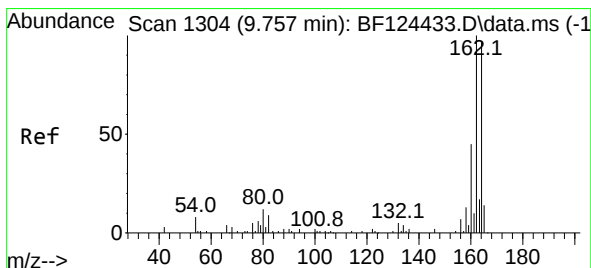
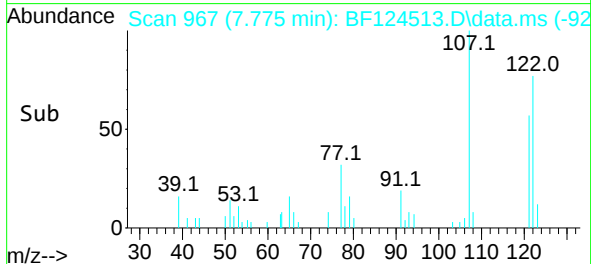
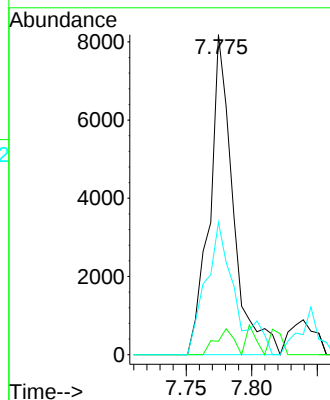
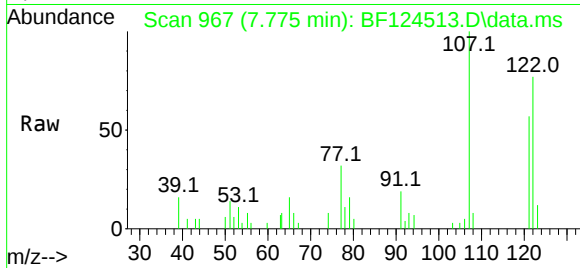




#32
Benzoic acid
Concen: 15.417 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.029 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

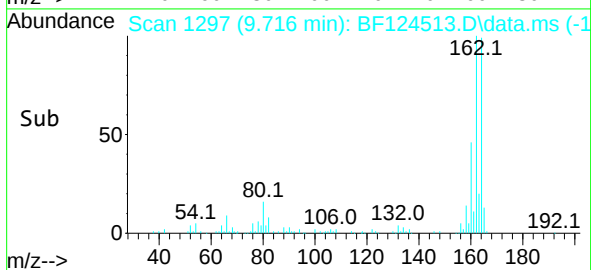
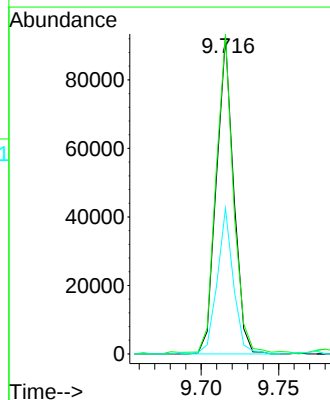
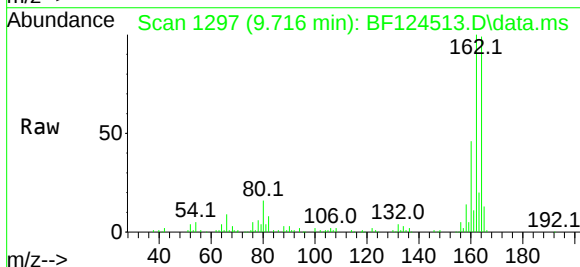
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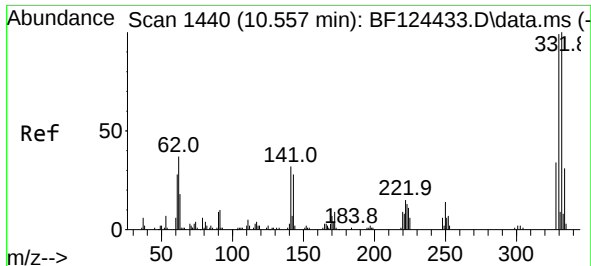
Tgt Ion:122 Resp: 10199
Ion Ratio Lower Upper
122 100
105 4.2 107.8 147.8#
77 41.4 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

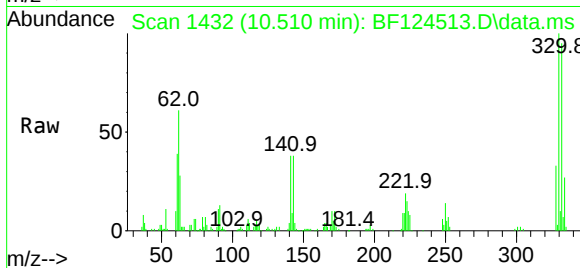
Tgt Ion:164 Resp: 71553
Ion Ratio Lower Upper
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162 100.8 80.7 121.1
160 45.9 37.3 55.9



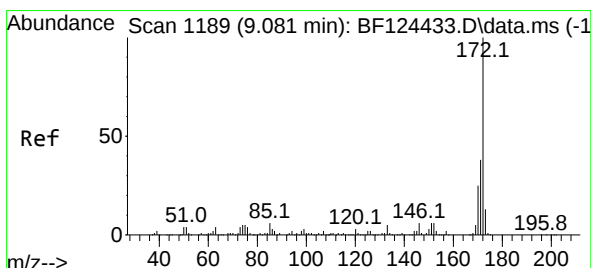
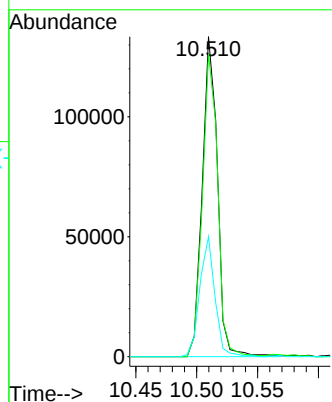
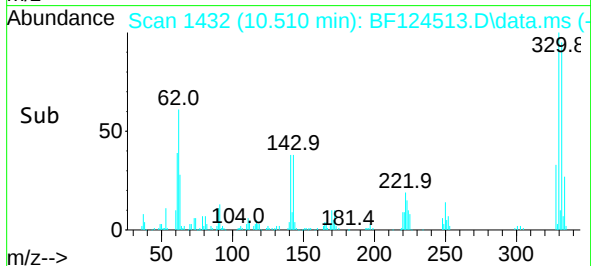


#42
2,4,6-Tribromophenol
Concen: 134.924 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

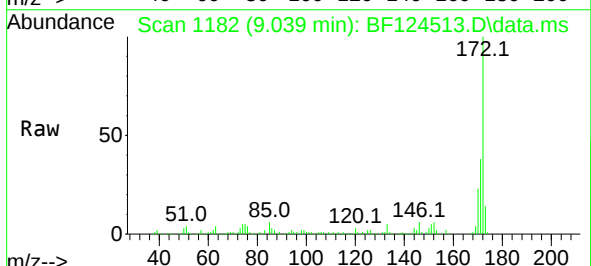
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ClientSampleId :
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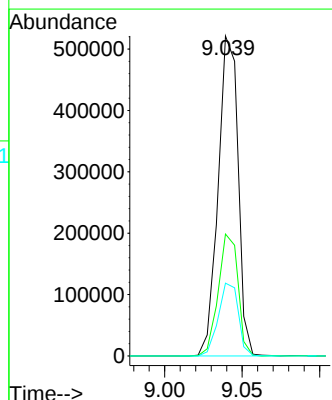
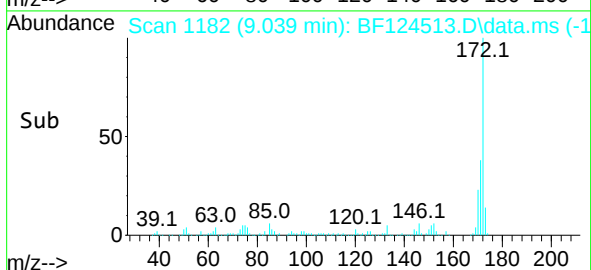
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Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 37.6 27.9 41.9

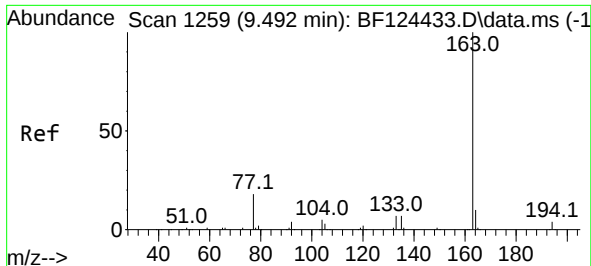


#45
2-Fluorobiphenyl
Concen: 79.816 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01



Tgt Ion:172 Resp: 466217
Ion Ratio Lower Upper
172 100
171 38.1 28.1 42.1
170 22.7 19.2 28.8

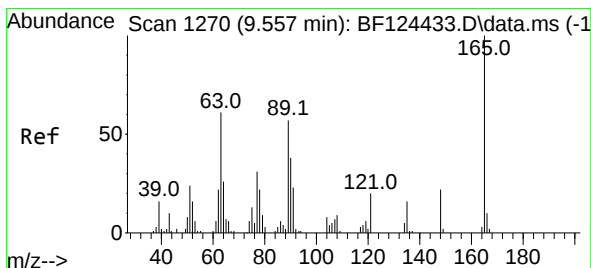
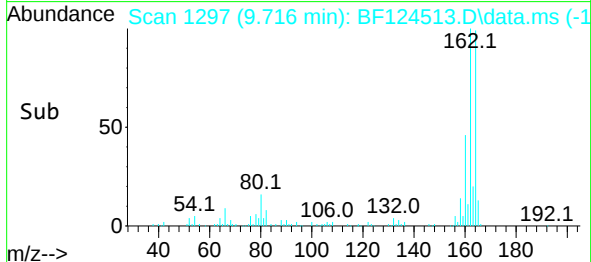
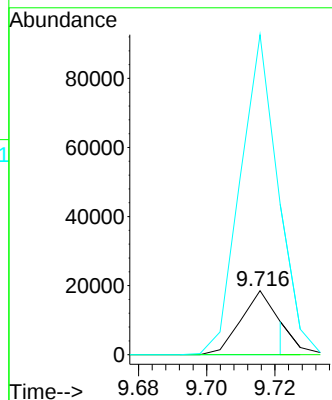
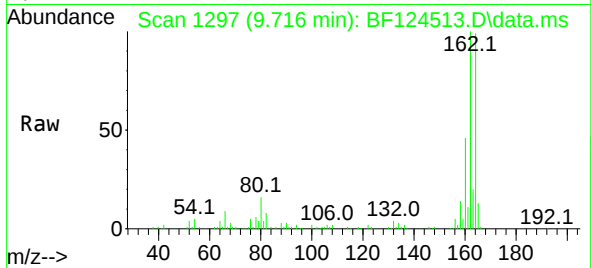




#50
Dimethylphthalate
Concen: 2.456 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.265 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

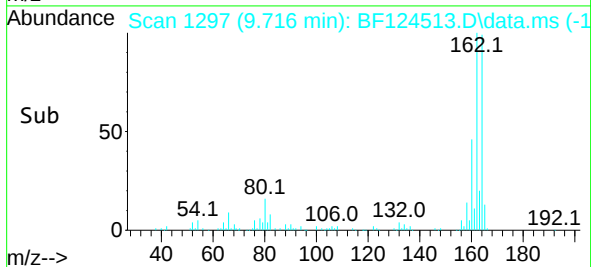
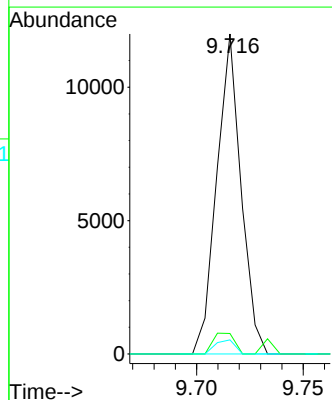
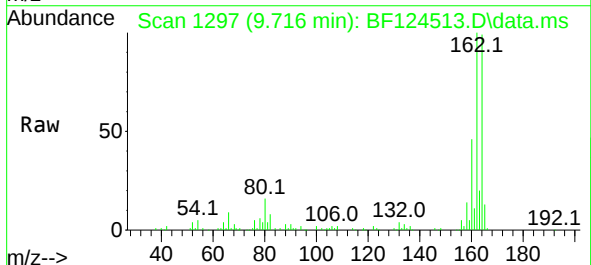
Instrument :
BNA_F
ClientSampled :
FS-01

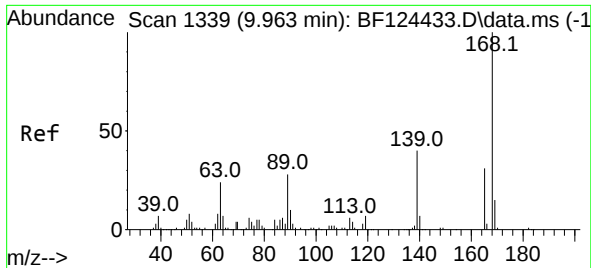
Tgt Ion:163 Resp: 13854
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 499.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.290 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.194 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

Tgt Ion:165 Resp: 9500
Ion Ratio Lower Upper
165 100
63 6.4 67.7 101.5#
89 4.4 58.8 88.2#

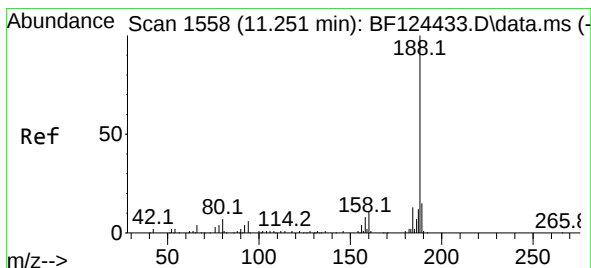
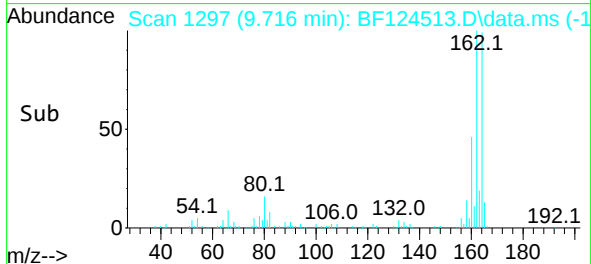
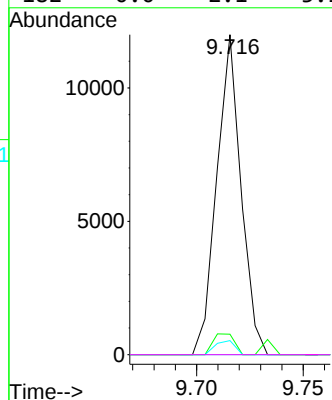
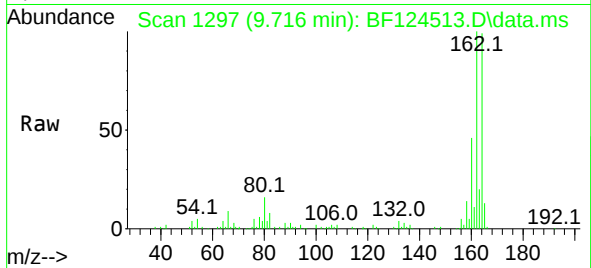




#57
2,4-Dinitrotoluene
Concen: 5.500 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.212 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

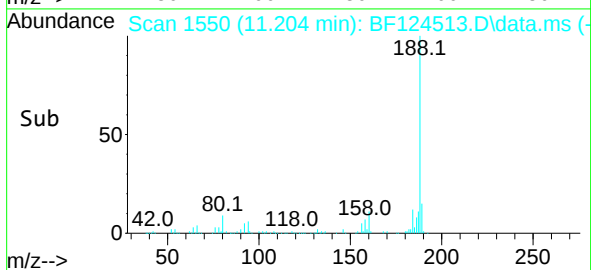
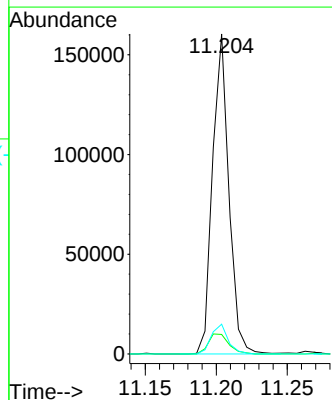
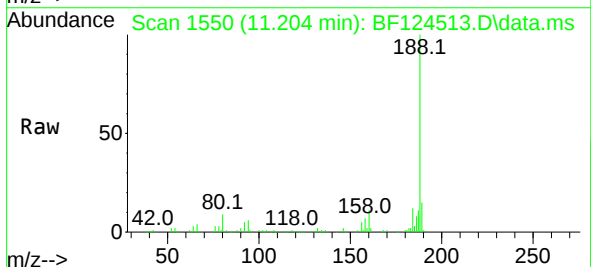
Instrument :
BNA_F
ClientSampleId :
FS-01

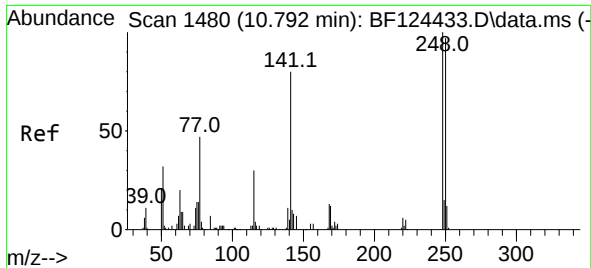
Tgt Ion:165 Resp: 9500
Ion Ratio Lower Upper
165 100
63 6.4 43.5 65.3#
89 4.4 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

Tgt Ion:188 Resp: 128094
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 9.3 8.2 12.2

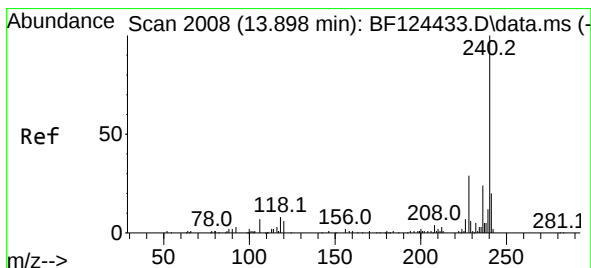
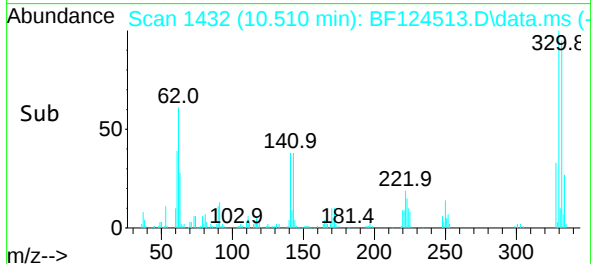
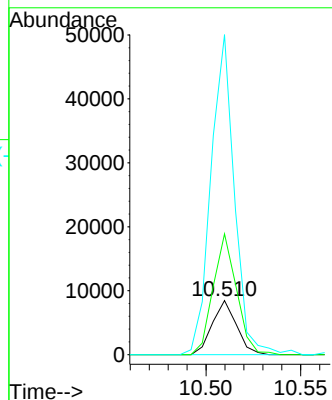
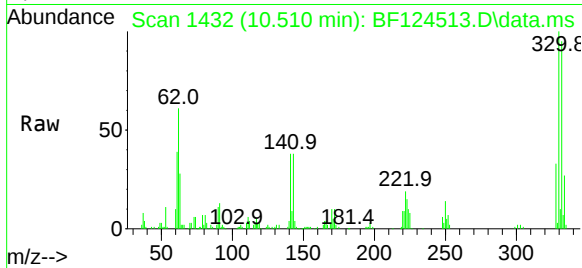




#67
4-Bromophenyl-phenylether
Concen: 4.384 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.241 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

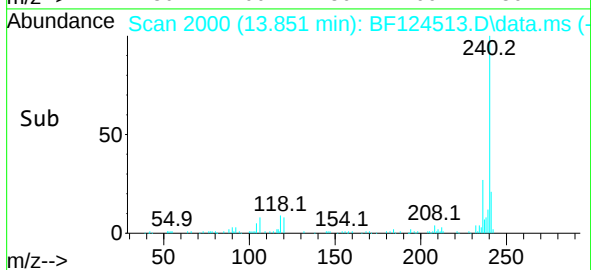
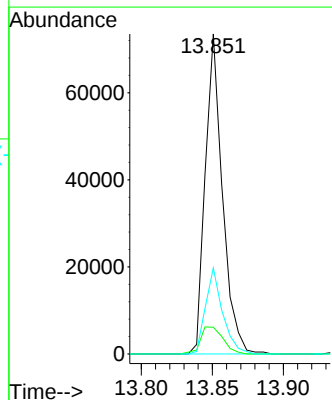
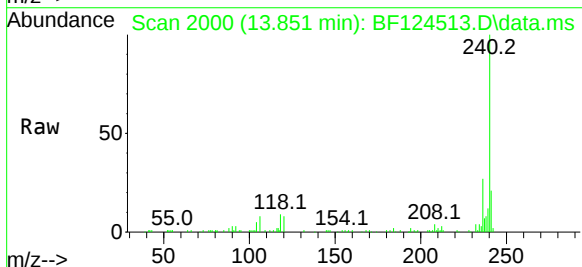
Instrument :
BNA_F
ClientSampled :
FS-01

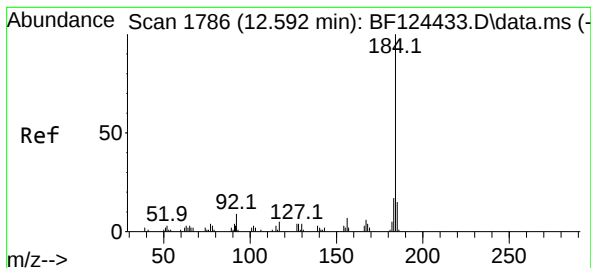
Tgt Ion:248 Resp: 7555
Ion Ratio Lower Upper
248 100
250 223.2 77.4 116.2#
141 591.1 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF124513.D
Acq: 1 Jul 2021 16:01

Tgt Ion:240 Resp: 62084
Ion Ratio Lower Upper
240 100
120 8.3 7.2 10.8
236 26.9 19.0 28.4





#77

Benzidine

Concen: 6.144 ng

RT: 12.792 min Scan# 1820

Delta R.T. 0.247 min

Lab File: BF124513.D

Acq: 1 Jul 2021 16:01

Instrument :

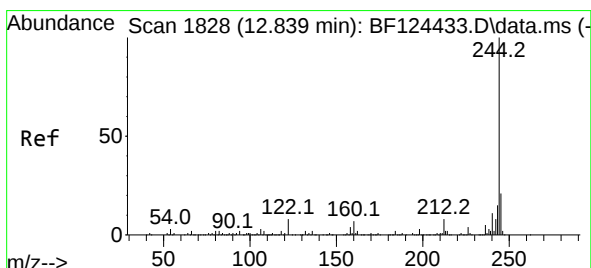
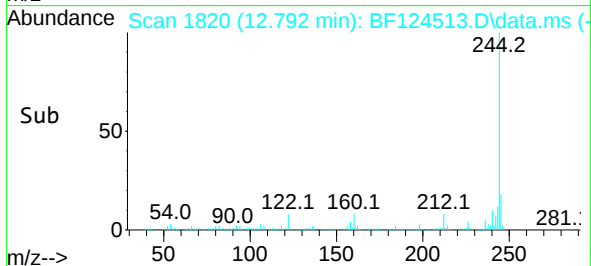
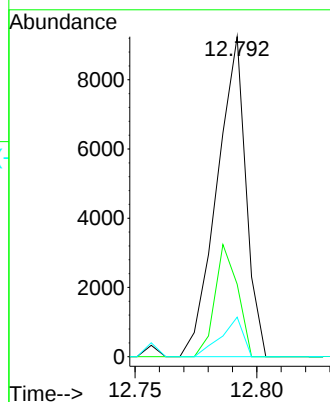
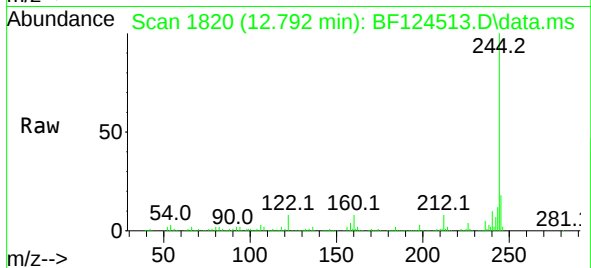
BNA_F

ClientSampleId :

FS-01

Tgt Ion:184 Resp: 7645

Ion	Ratio	Lower	Upper
184	100		
185	22.7	12.1	18.1#
183	12.3	7.8	11.8#



#79

Terphenyl-d14

Concen: 116.493 ng

RT: 12.792 min Scan# 1820

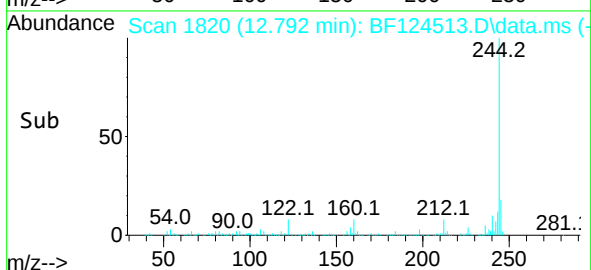
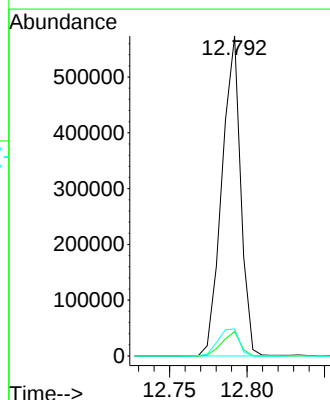
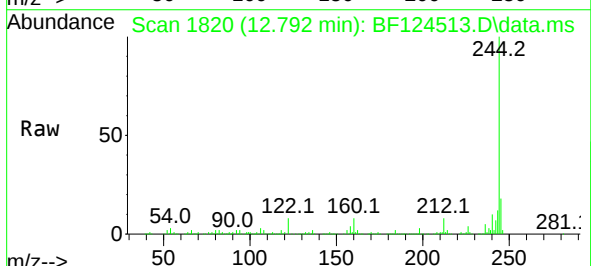
Delta R.T. -0.000 min

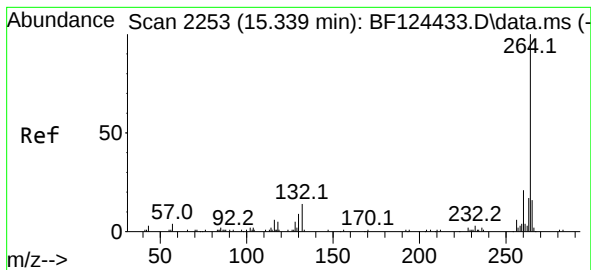
Lab File: BF124513.D

Acq: 1 Jul 2021 16:01

Tgt Ion:244 Resp: 482866

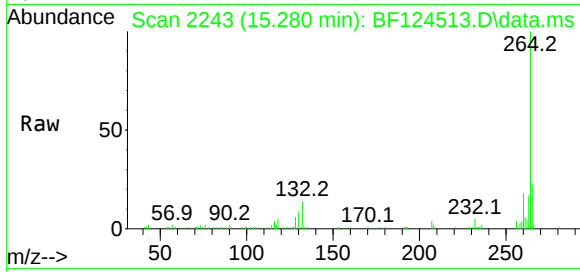
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	8.5	9.7	14.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.280 min Scan# 2243
 Delta R.T. 0.006 min
 Lab File: BF124513.D
 Acq: 1 Jul 2021 16:01

Instrument :
 BNA_F
 ClientSampleId :
 FS-01



Tgt Ion:264 Resp: 70011
 Ion Ratio Lower Upper
 264 100
 260 17.9 18.7 28.1#
 265 22.6 17.8 26.8

