

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132961.D
 Acq On : 21 Apr 2023 03:48
 Operator : CG\JU
 Sample : 02270-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-16-18-20230412

Quant Time: Apr 21 05:24:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

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

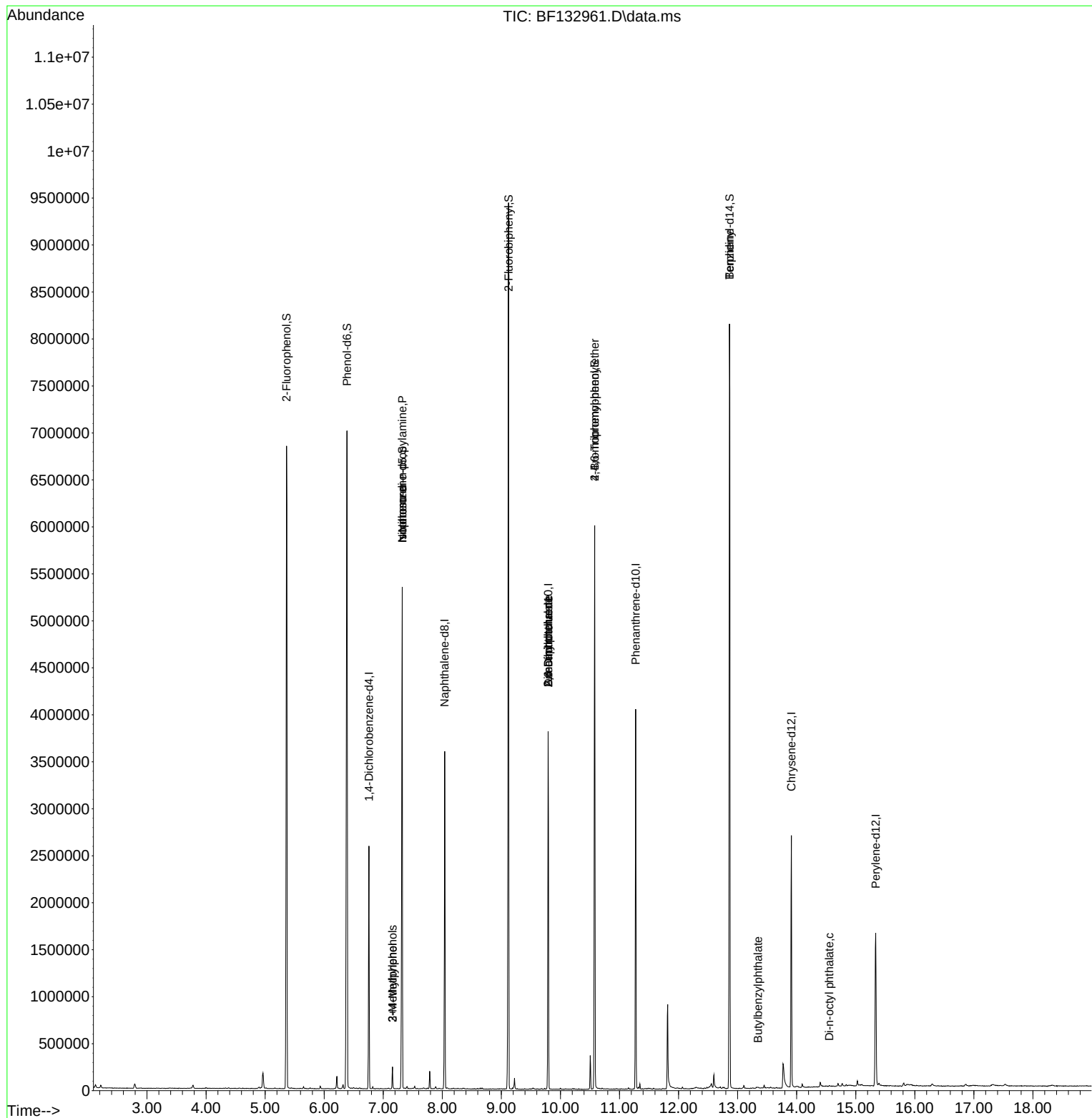
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	334572	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1353808	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	719656	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	1249207	20.000	ng	0.00
76) Chrysene-d12	13.910	240	802822	20.000	ng	0.00
86) Perylene-d12	15.339	264	672675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2015965	94.219	ng	0.00
7) Phenol-d6	6.387	99	2649082	97.026	ng	0.00
23) Nitrobenzene-d5	7.322	82	1590235	61.228	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	699360	96.889	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	2707297	57.792	ng	0.00
79) Terphenyl-d14	12.863	244	2954403	62.784	ng	0.00
Target Compounds						
					Qvalue	
17) 2-Methylphenol	7.157	107	49074	2.468	ng	# 66
19) n-Nitroso-di-n-propyla...	7.322	70	213121	12.505	ng	# 80
20) 3+4-Methylphenols	7.157	107	49074	2.088	ng	# 60
25) Isophorone	7.322	82	1585823	32.190	ng	# 65
50) Dimethylphthalate	9.792	163	140891	2.832	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	94899	8.699	ng	# 28
57) 2,4-Dinitrotoluene	9.792	165	94899	7.049	ng	# 23
67) 4-Bromophenyl-phenylether	10.580	248	42325	2.967	ng	# 1
77) Benzidine	12.863	184	34703	2.775	ng	# 91
80) Butylbenzylphthalate	13.345	149	332	5.153	ng	# 91
85) Di-n-octyl phthalate	14.551	149	874	6.400	ng	# 1

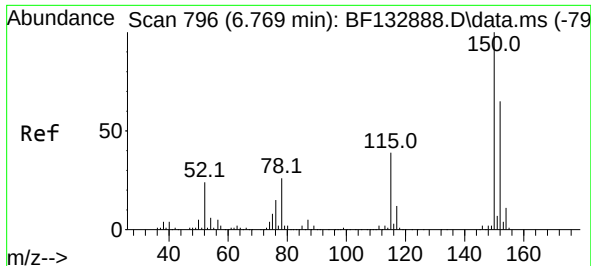
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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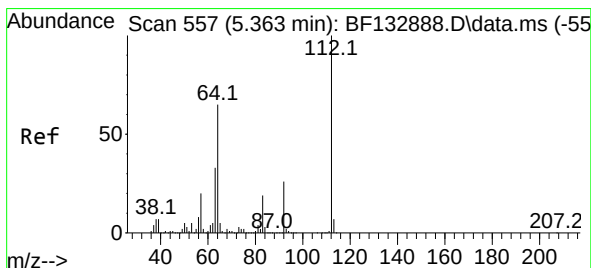
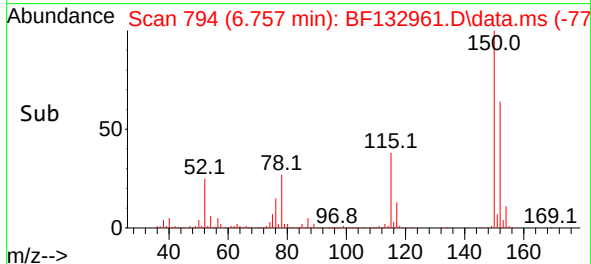
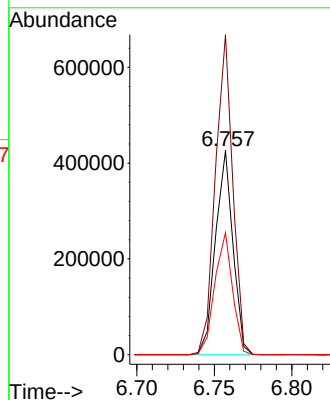
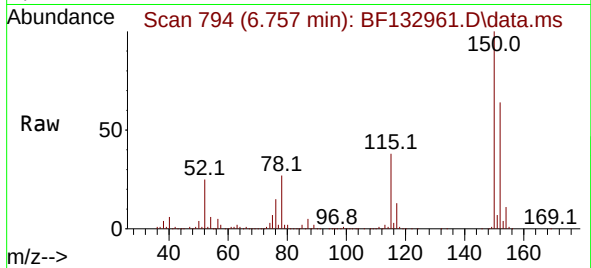




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

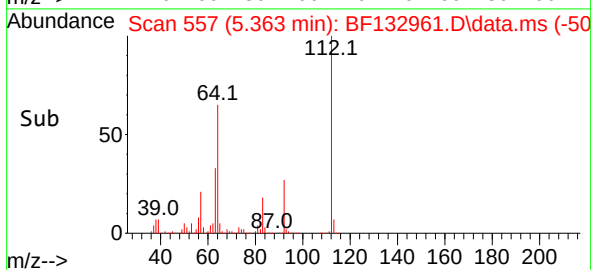
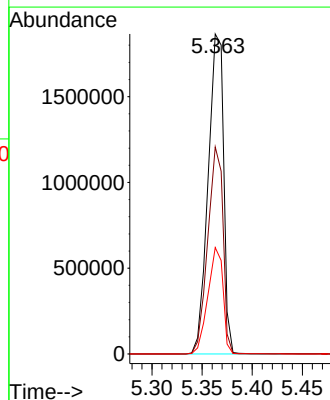
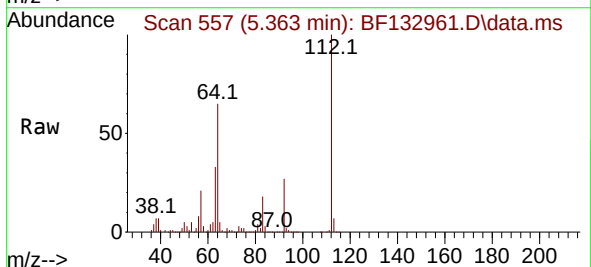
Instrument :
BNA_F
ClientSampleId :
SB-31-16-18-20230412

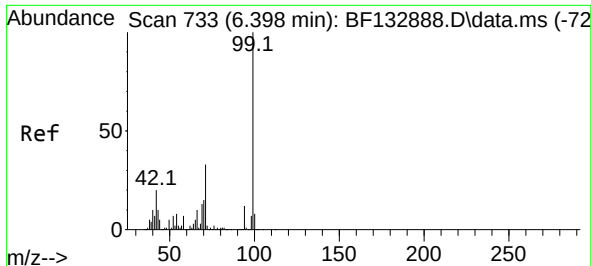
Tgt Ion:152 Resp: 334572
Ion Ratio Lower Upper
152 100
150 156.8 122.8 184.2
115 59.9 47.3 70.9



#5
2-Fluorophenol
Concen: 94.219 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.006 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

Tgt Ion:112 Resp: 2015965
Ion Ratio Lower Upper
112 100
64 64.7 51.8 77.8
63 33.2 26.3 39.5





#7

Phenol-d6

Concen: 97.026 ng

RT: 6.387 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF132961.D

Acq: 21 Apr 2023 03:48

Instrument :

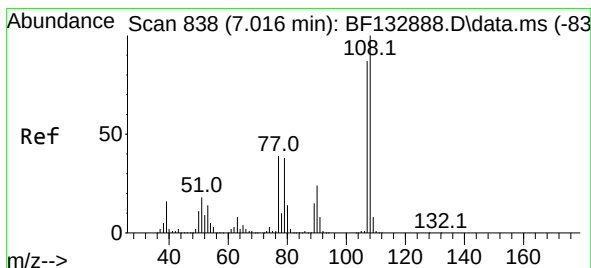
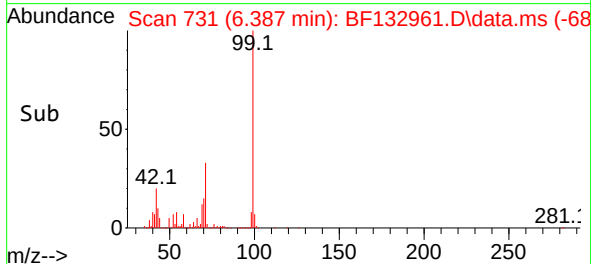
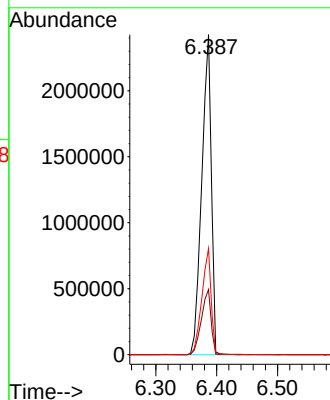
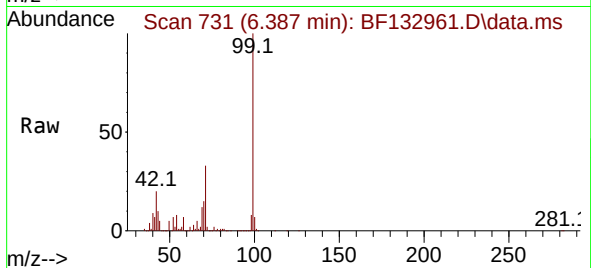
BNA_F

ClientSampleId :

SB-31-16-18-20230412

Tgt Ion: 99 Resp: 2649082

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.1	24.1
71	33.1	26.1	39.1



#17

2-Methylphenol

Concen: 2.468 ng

RT: 7.157 min Scan# 862

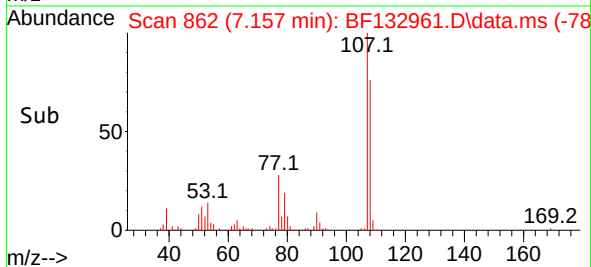
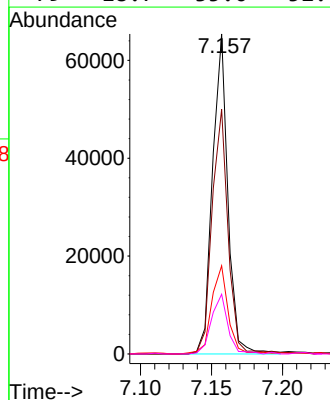
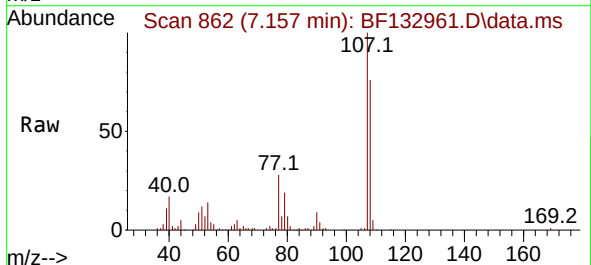
Delta R.T. 0.141 min

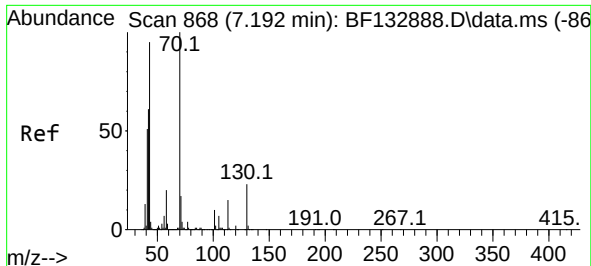
Lab File: BF132961.D

Acq: 21 Apr 2023 03:48

Tgt Ion: 107 Resp: 49074

Ion	Ratio	Lower	Upper
107	100		
108	76.5	91.7	137.5#
77	27.6	35.8	53.8#
79	18.7	35.0	52.4#

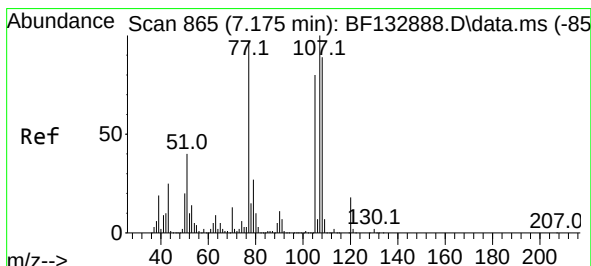
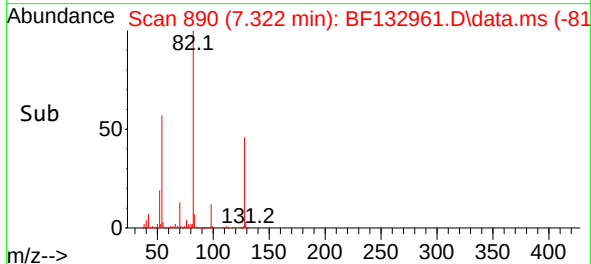
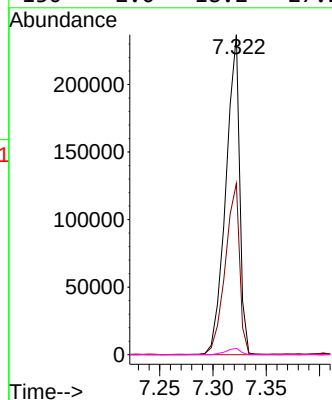
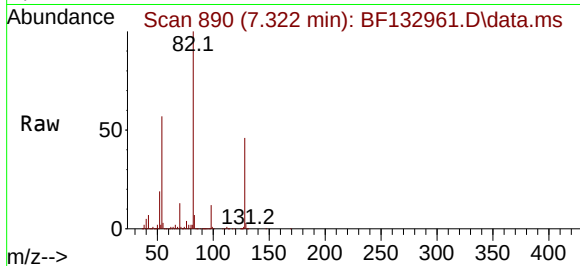




#19
n-Nitroso-di-n-propylamine
Concen: 12.505 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.141 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

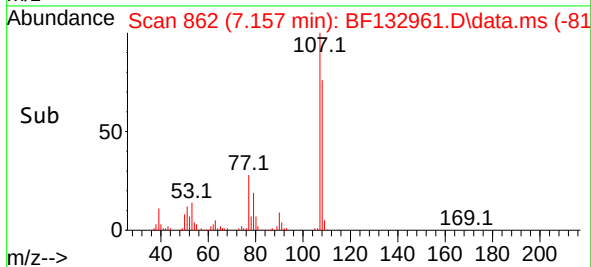
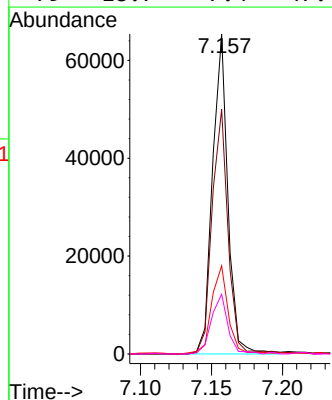
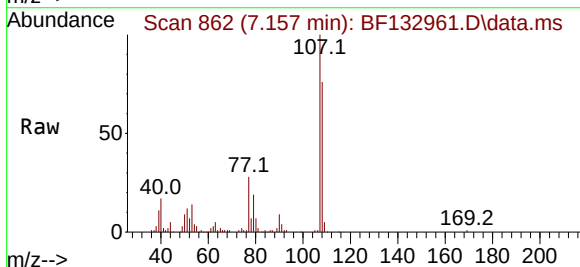
Instrument :
BNA_F
ClientSampleId :
SB-31-16-18-20230412

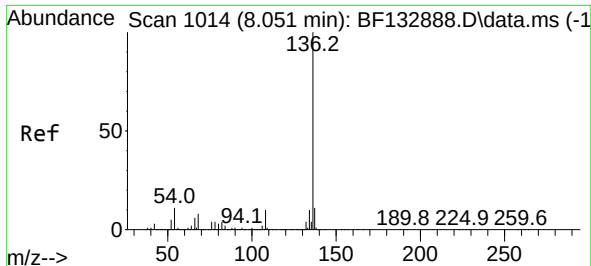
Tgt Ion: 70 Resp: 213121
Ion Ratio Lower Upper
70 100
42 53.5 49.0 73.6
101 0.0 8.1 12.1#
130 2.0 18.2 27.2#



#20
3+4-Methylphenols
Concen: 2.088 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

Tgt Ion: 107 Resp: 49074
Ion Ratio Lower Upper
107 100
108 76.5 68.5 108.5
77 27.6 77.1 117.1#
79 18.7 7.4 47.4

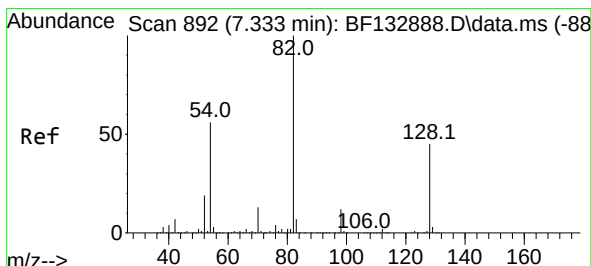
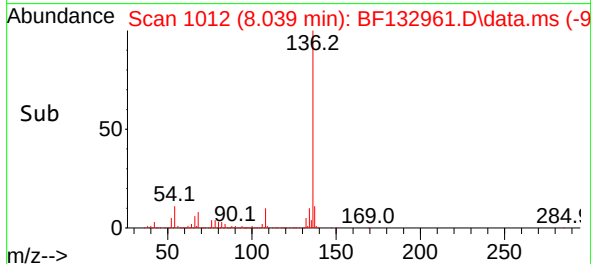
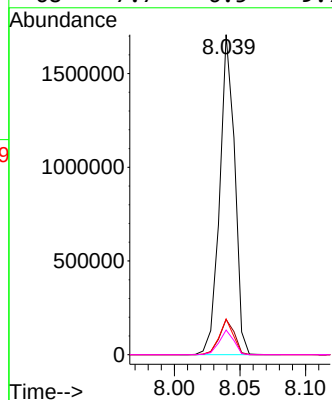
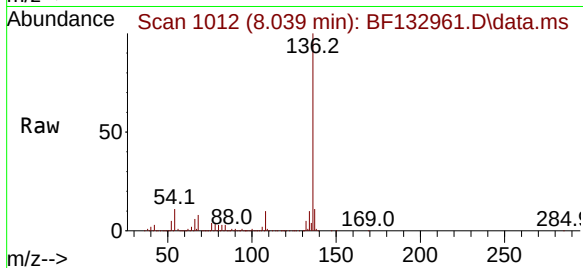




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

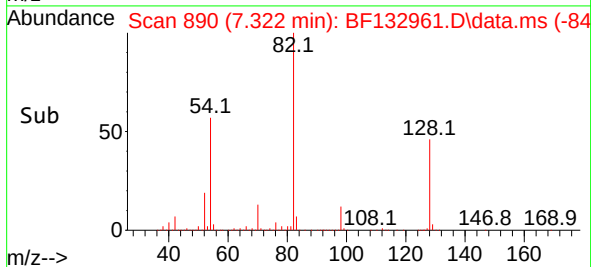
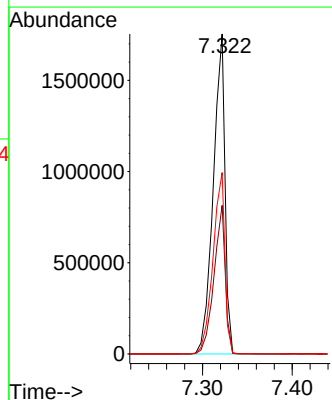
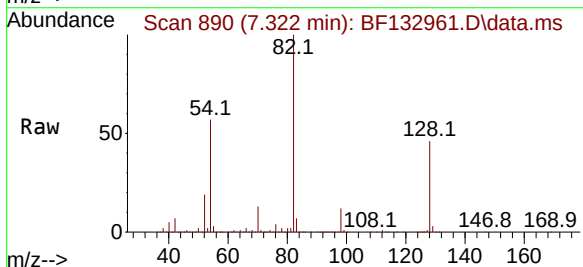
Instrument :
BNA_F
ClientSampleId :
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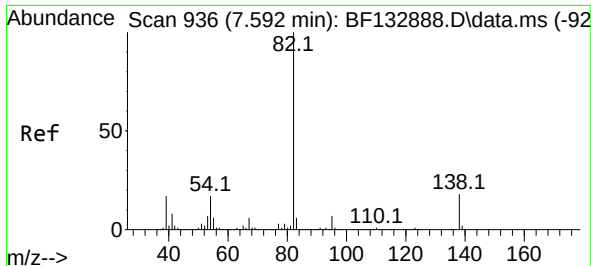
Tgt Ion:136 Resp: 1353808
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 11.1 8.9 13.3
68 7.7 6.5 9.7



#23
Nitrobenzene-d5
Concen: 61.228 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

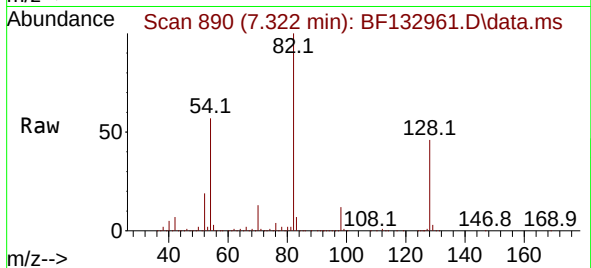
Tgt Ion: 82 Resp: 1590235
Ion Ratio Lower Upper
82 100
128 46.4 35.7 53.5
54 56.7 44.7 67.1



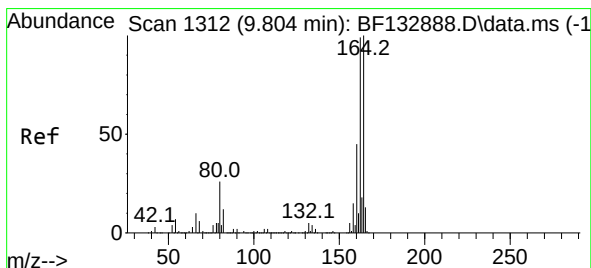
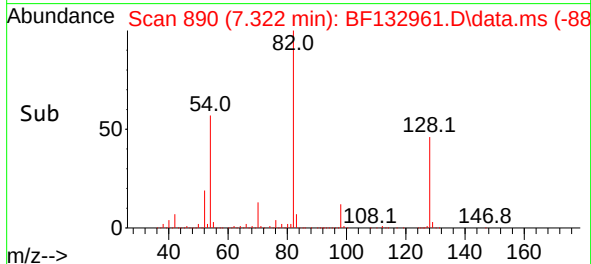
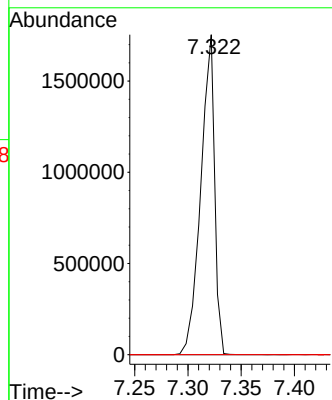


#25
Isophorone
Concen: 32.190 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

Instrument :
BNA_F
ClientSampleId :
SB-31-16-18-20230412

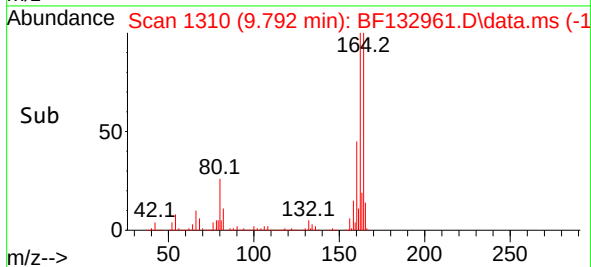
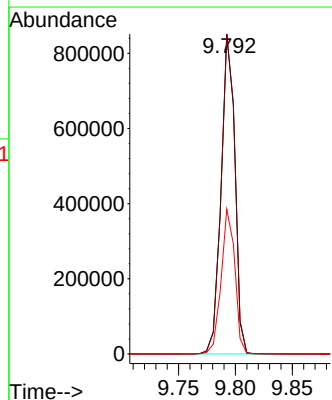
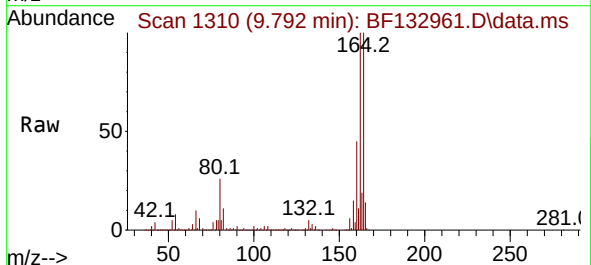


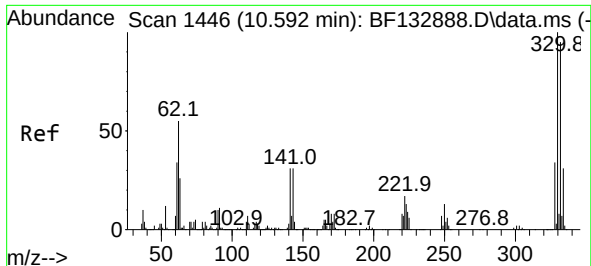
Tgt Ion: 82 Resp: 1585823
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

Tgt Ion:164 Resp: 719656
Ion Ratio Lower Upper
164 100
162 99.8 79.1 118.7
160 45.3 35.6 53.4



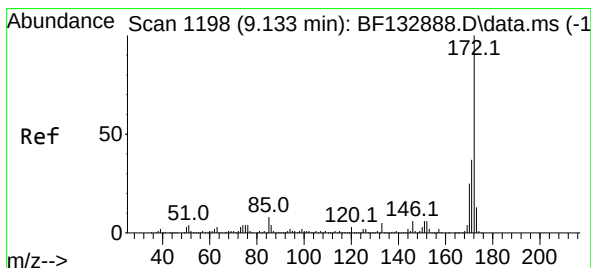
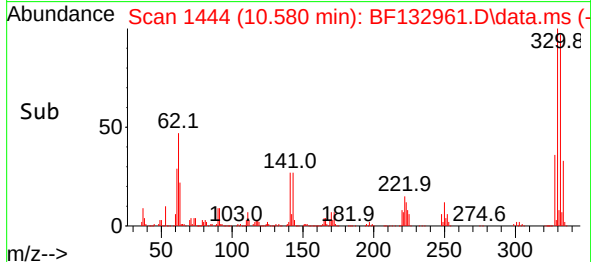
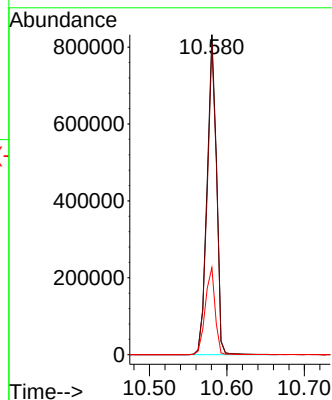
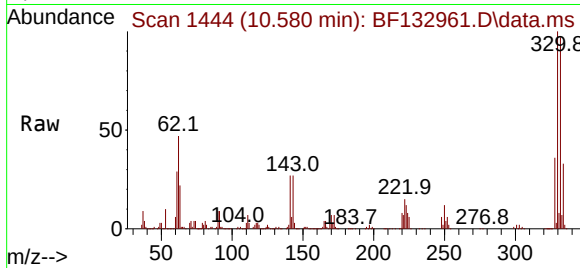


#42
 2,4,6-Tribromophenol
 Concen: 96.889 ng
 RT: 10.580 min Scan# 1444
 Delta R.T. -0.006 min
 Lab File: BF132961.D
 Acq: 21 Apr 2023 03:48

Instrument :
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Tgt Ion:330 Resp: 699360

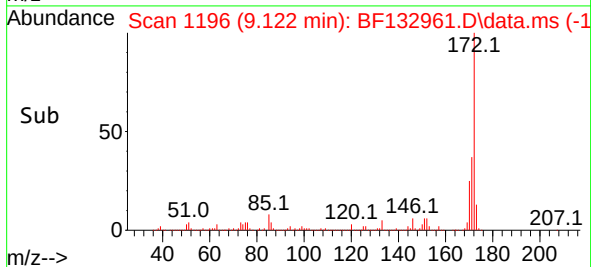
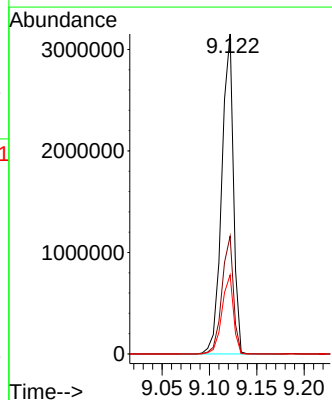
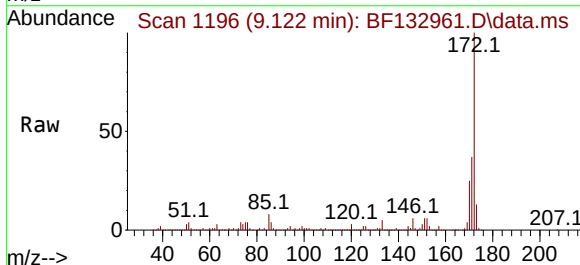
Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.3	114.5
141	28.5	23.9	35.9

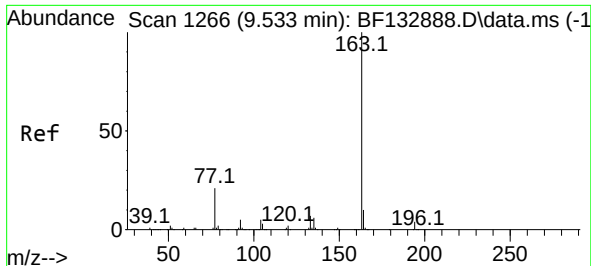


#45
 2-Fluorobiphenyl
 Concen: 57.792 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. 0.000 min
 Lab File: BF132961.D
 Acq: 21 Apr 2023 03:48

Tgt Ion:172 Resp: 2707297

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.7	20.1	30.1

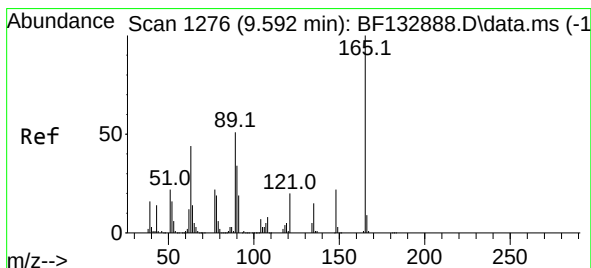
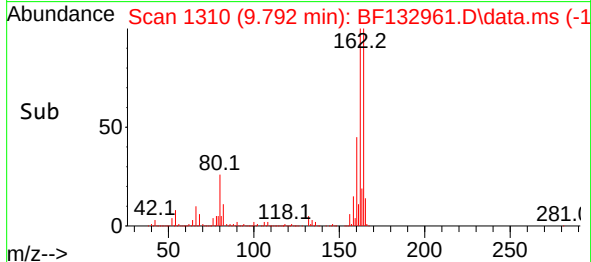
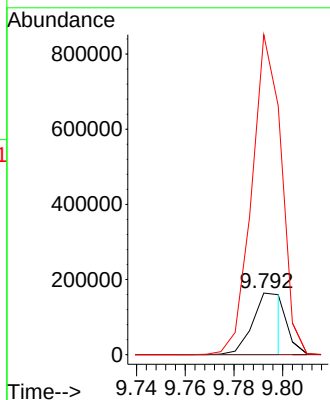
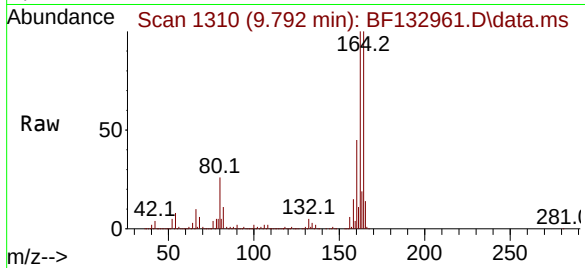




#50
Dimethylphthalate
Concen: 2.832 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.265 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

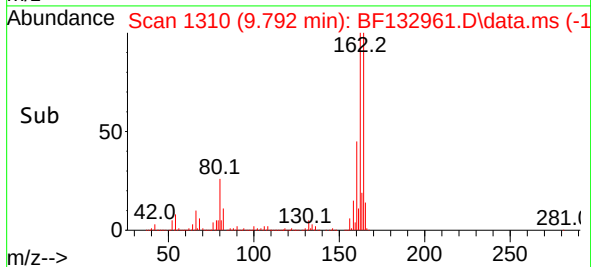
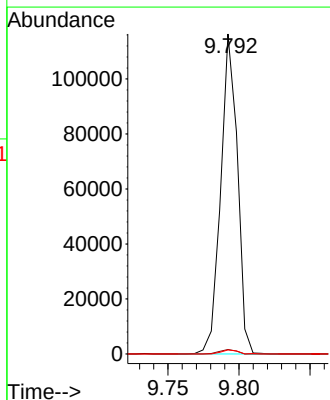
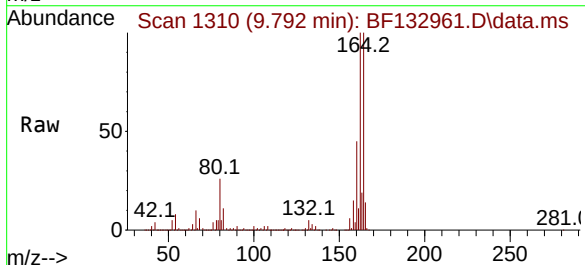
Instrument :
BNA_F
ClientSampleId :
SB-31-16-18-20230412

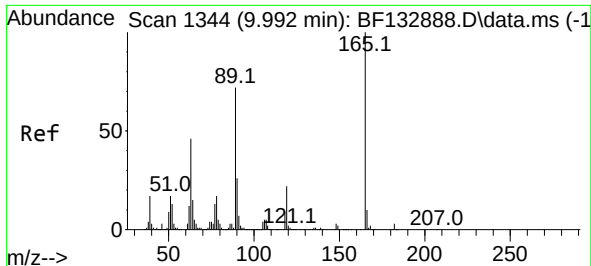
Tgt Ion:163 Resp: 140891
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 518.8 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.699 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.212 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

Tgt Ion:165 Resp: 94899
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.3 41.0 61.4#

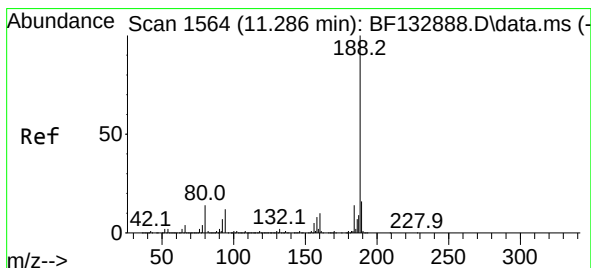
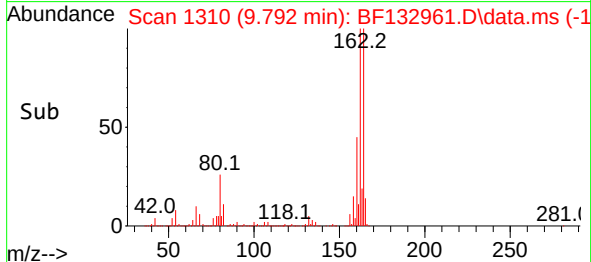
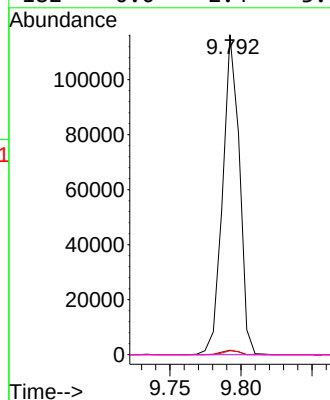
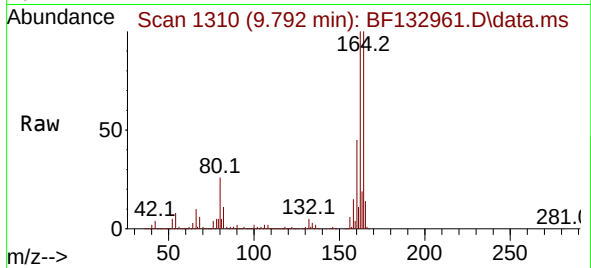




#57
2,4-Dinitrotoluene
Concen: 7.049 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

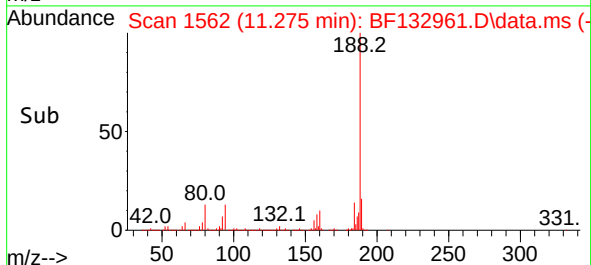
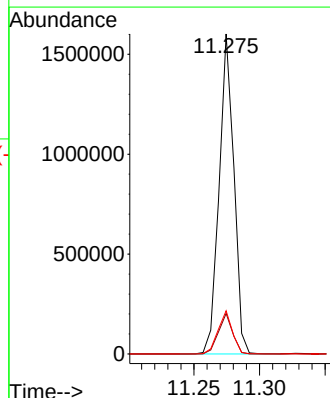
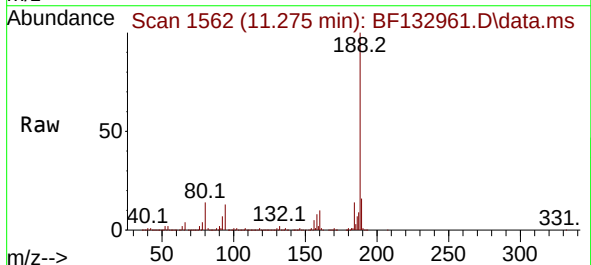
Instrument :
BNA_F
ClientSampleId :
SB-31-16-18-20230412

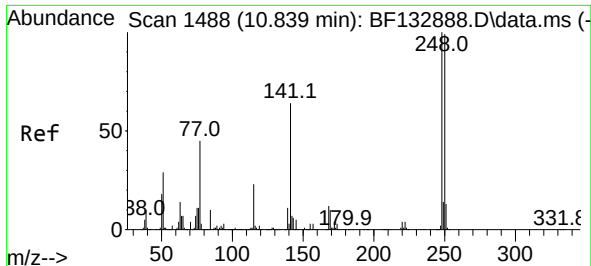
Tgt Ion:165 Resp: 94899
Ion Ratio Lower Upper
165 100
63 1.4 37.0 55.6#
89 1.3 57.8 86.6#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

Tgt Ion:188 Resp: 1249207
Ion Ratio Lower Upper
188 100
94 12.6 9.9 14.9
80 13.5 10.8 16.2

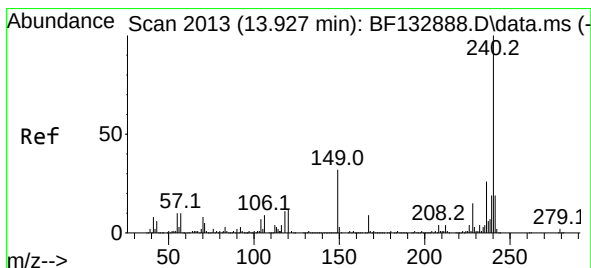
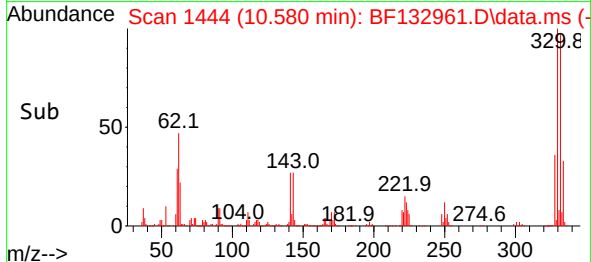
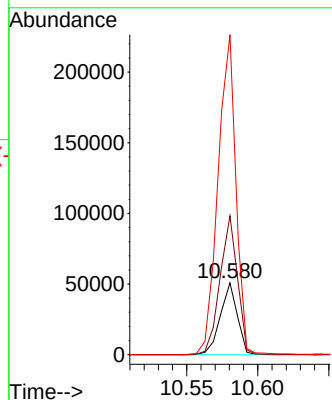
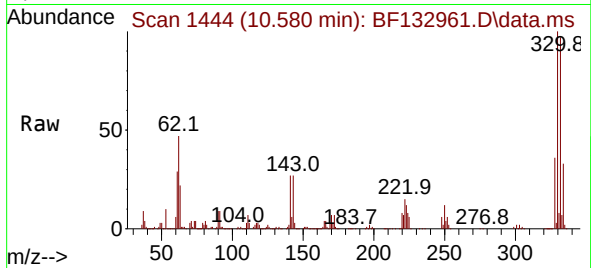




#67
4-Bromophenyl-phenylether
Concen: 2.967 ng
RT: 10.580 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

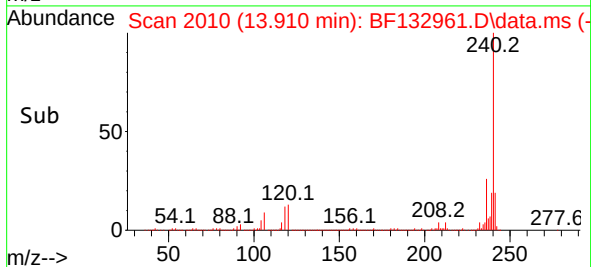
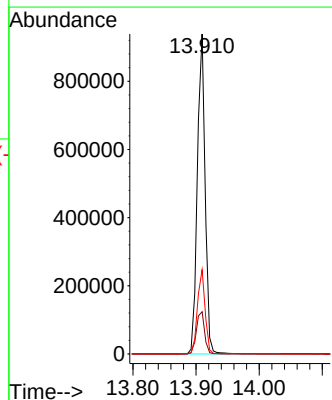
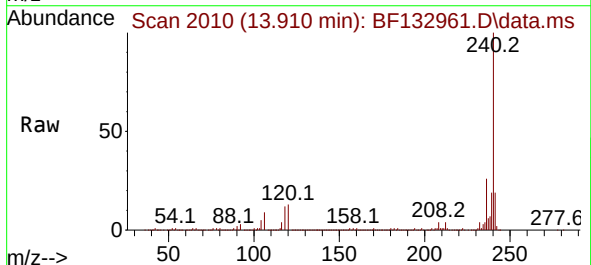
Instrument :
BNA_F
ClientSampleId :
SB-31-16-18-20230412

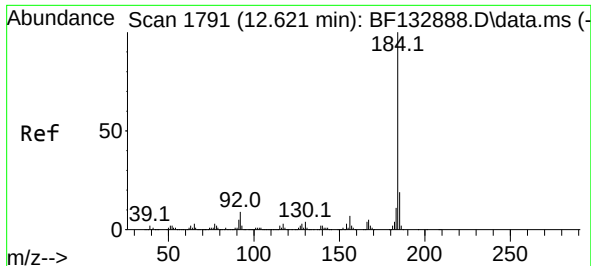
Tgt Ion:248 Resp: 42325
Ion Ratio Lower Upper
248 100
250 193.2 79.1 118.7#
141 445.4 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

Tgt Ion:240 Resp: 802822
Ion Ratio Lower Upper
240 100
120 13.2 10.0 15.0
236 26.3 20.8 31.2

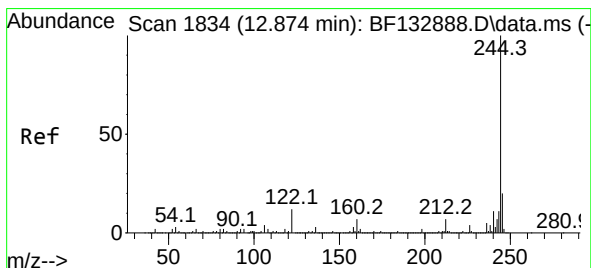
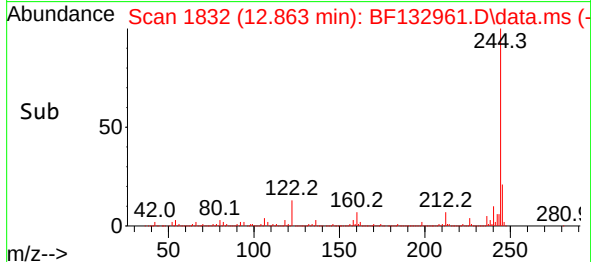
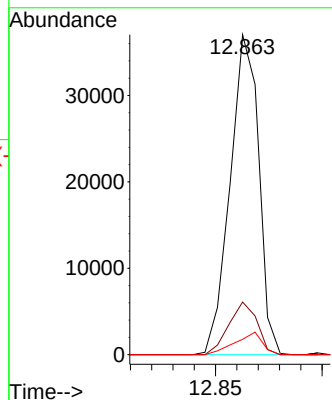
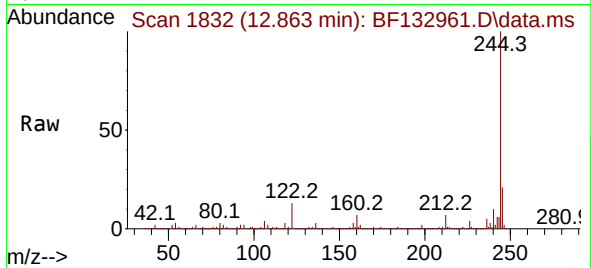




#77
Benzidine
Concen: 2.775 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.253 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

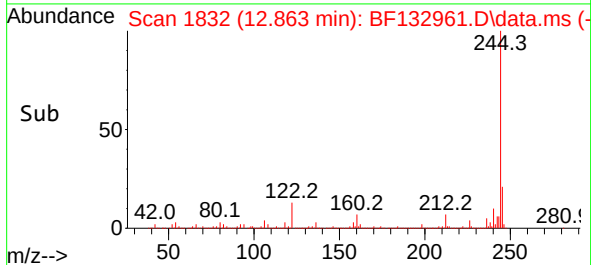
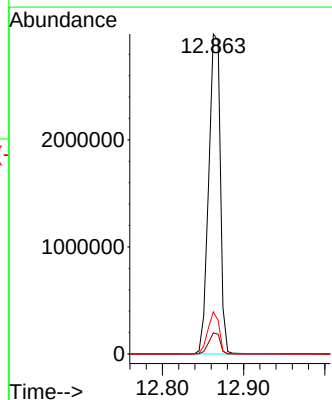
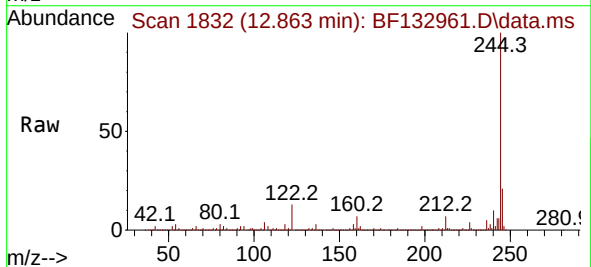
Instrument :
BNA_F
ClientSampleId :
SB-31-16-18-20230412

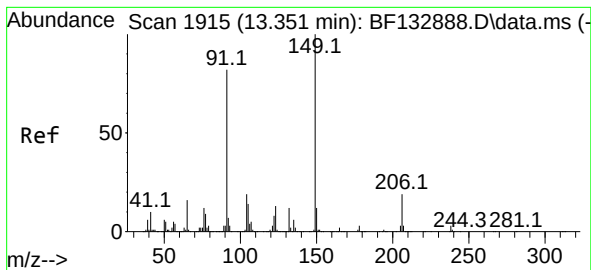
Tgt Ion:184 Resp: 34703
Ion Ratio Lower Upper
184 100
185 16.5 14.9 22.3
183 4.8 9.0 13.6#



#79
Terphenyl-d14
Concen: 62.784 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

Tgt Ion:244 Resp: 2954403
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 13.2 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.153 ng

RT: 13.345 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BF132961.D

Acq: 21 Apr 2023 03:48

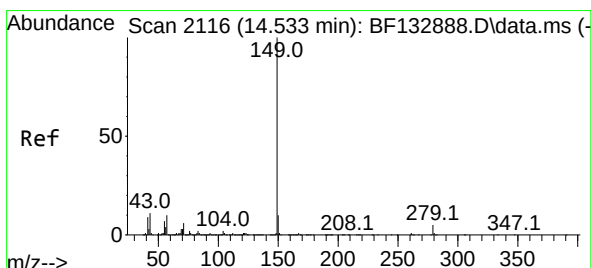
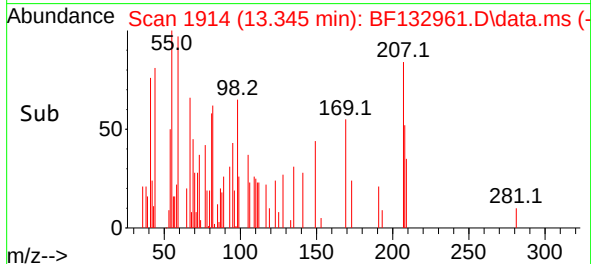
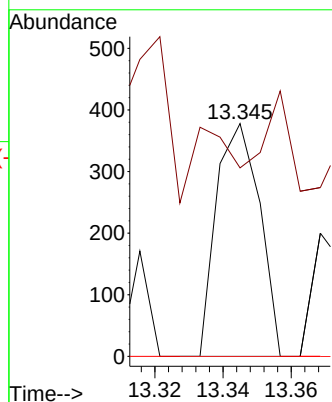
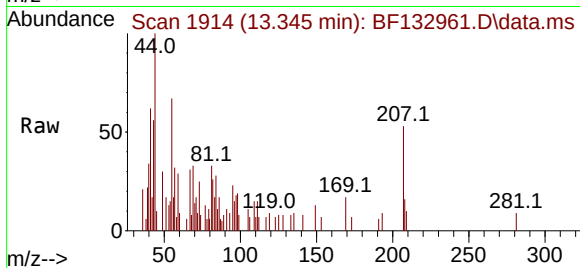
Instrument :

BNA_F

ClientSampleId :

SB-31-16-18-20230412

Tgt Ion:	149	Resp:	332
Ion Ratio	Lower	Upper	
149	100		
91	81.0	65.4	98.0
206	0.0	15.6	23.4#



#85

Di-n-octyl phthalate

Concen: 6.400 ng

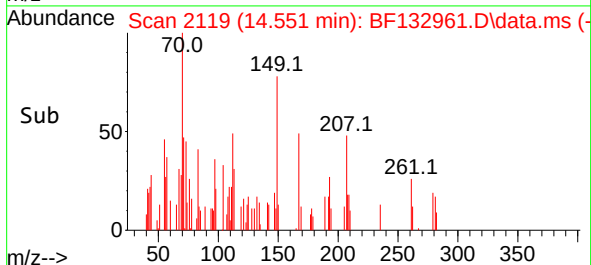
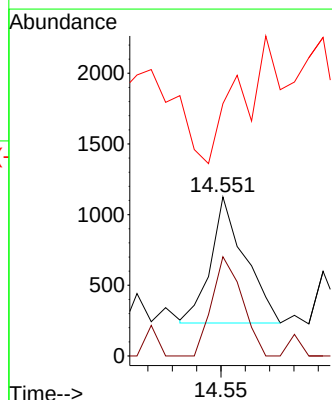
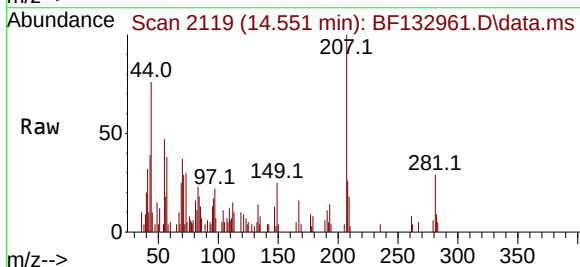
RT: 14.551 min Scan# 2119

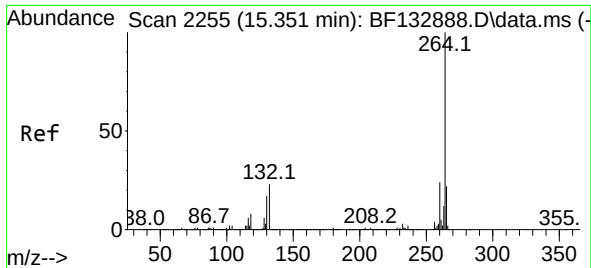
Delta R.T. 0.029 min

Lab File: BF132961.D

Acq: 21 Apr 2023 03:48

Tgt Ion:	149	Resp:	874
Ion Ratio	Lower	Upper	
149	100		
167	69.6	1.2	1.8#
43	112.1	11.5	17.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132961.D
Acq: 21 Apr 2023 03:48

Instrument :
BNA_F
ClientSampleId :
SB-31-16-18-20230412

Tgt Ion:264 Resp: 672675
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.1 17.7 26.5

