

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132960.D
 Acq On : 21 Apr 2023 03:17
 Operator : CG\JU
 Sample : 02270-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-19-21-20230411

Quant Time: Apr 21 03:57:33 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)

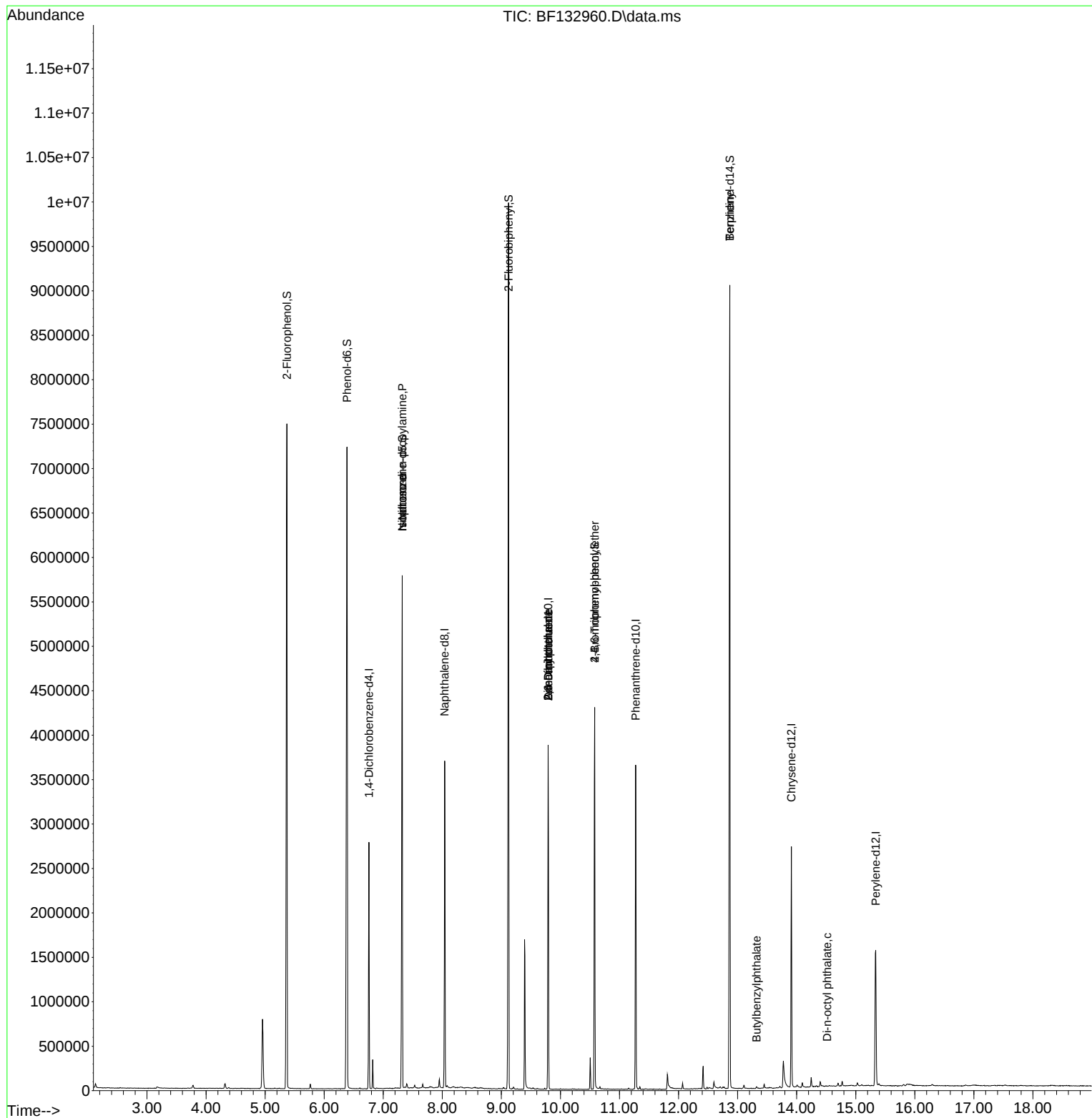
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	343836	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1368017	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	711956	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	1221256	20.000	ng	0.00
76) Chrysene-d12	13.910	240	784245	20.000	ng	0.00
86) Perylene-d12	15.339	264	674170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2116111	96.235	ng	0.01
7) Phenol-d6	6.387	99	2748228	97.945	ng	0.00
23) Nitrobenzene-d5	7.322	82	1668162	63.561	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	472848	66.216	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	2846848	61.428	ng	0.00
79) Terphenyl-d14	12.868	244	3176784	69.109	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	222622	12.711	ng	# 80
25) Isophorone	7.322	82	1665390	33.454	ng	# 65
50) Dimethylphthalate	9.792	163	137610	2.796	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	92060	8.530	ng	# 28
57) 2,4-Dinitrotoluene	9.792	165	92060	6.912	ng	# 23
67) 4-Bromophenyl-phenylether	10.580	248	29846	2.140	ng	# 1
77) Benzidine	12.868	184	37703	3.086	ng	# 93
80) Butylbenzylphthalate	13.321	149	227	5.147	ng	# 75
85) Di-n-octyl phthalate	14.515	149	716	6.397	ng	# 1

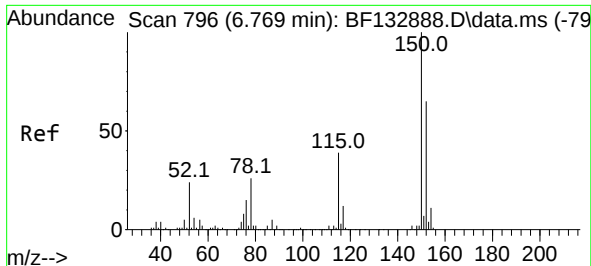
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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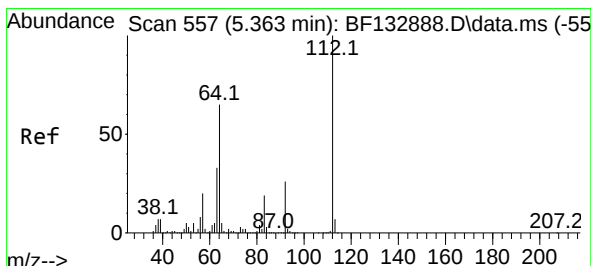
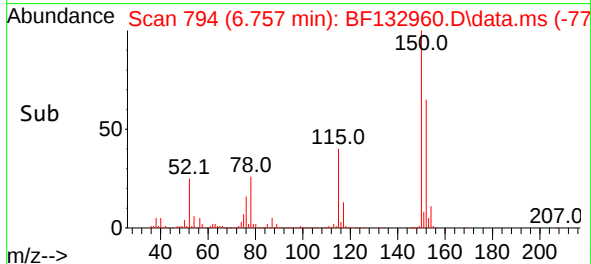
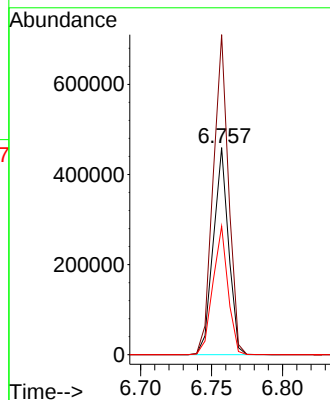
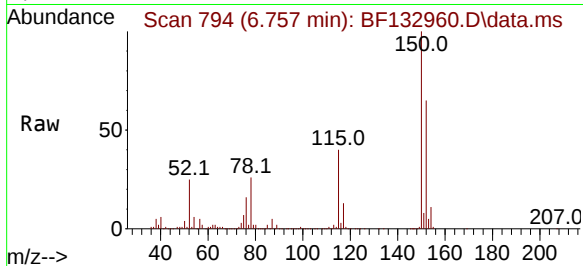




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

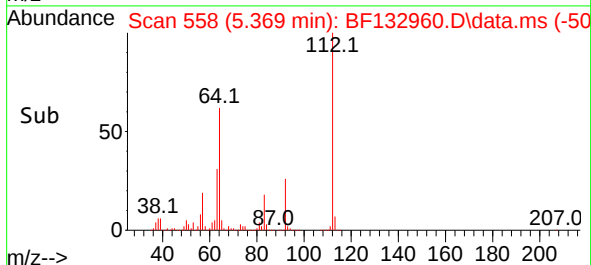
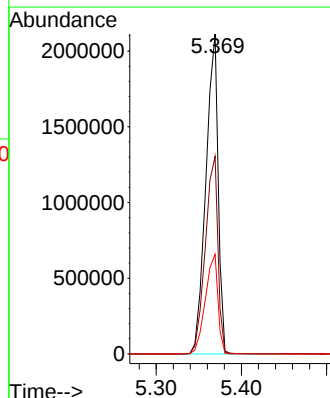
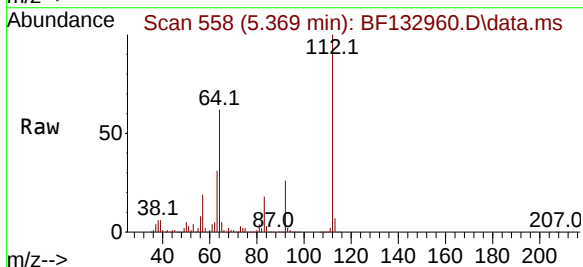
Instrument :
BNA_F
ClientSampleId :
SB-19-19-21-20230411

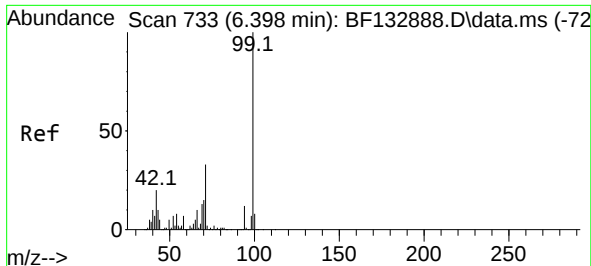
Tgt Ion:152 Resp: 343836
Ion Ratio Lower Upper
152 100
150 154.6 122.8 184.2
115 62.1 47.3 70.9



#5
2-Fluorophenol
Concen: 96.235 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.012 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

Tgt Ion:112 Resp: 2116111
Ion Ratio Lower Upper
112 100
64 61.8 51.8 77.8
63 31.2 26.3 39.5

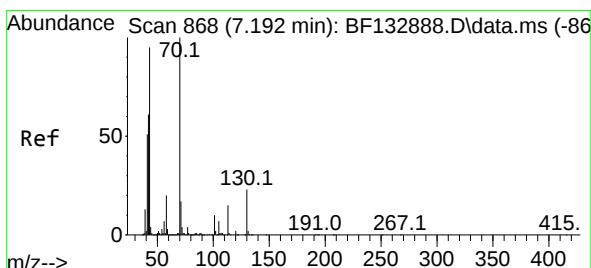
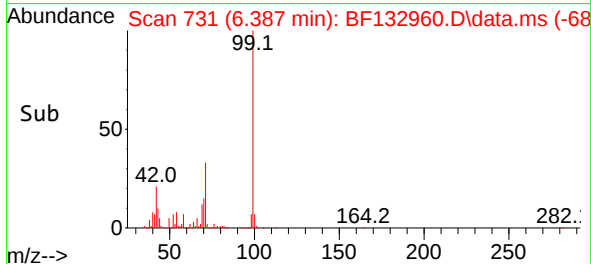
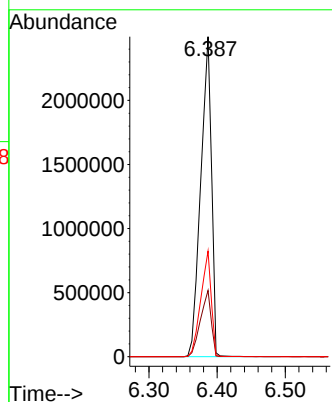
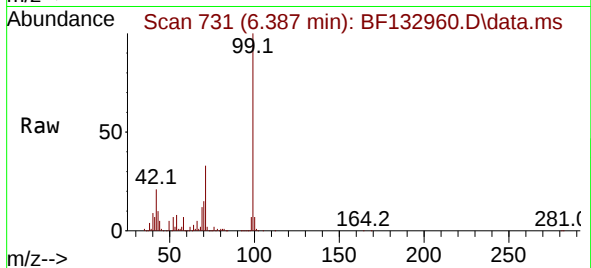




#7
Phenol-d6
Concen: 97.945 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

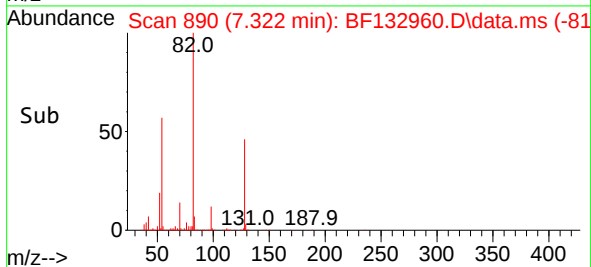
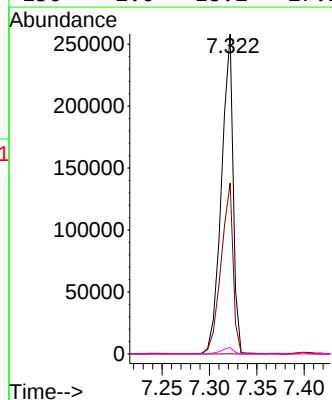
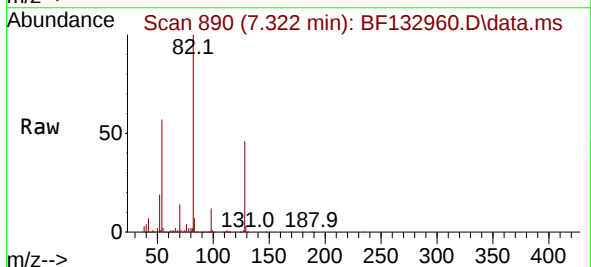
Instrument :
BNA_F
ClientSampleId :
SB-19-19-21-20230411

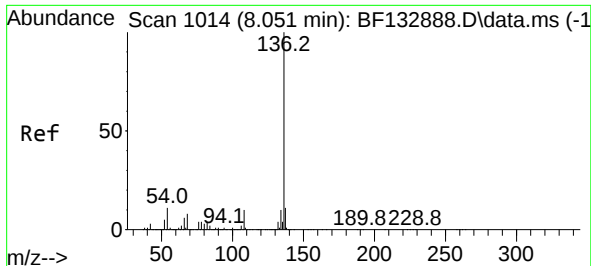
Tgt Ion: 99 Resp: 2748228
Ion Ratio Lower Upper
99 100
42 20.7 16.1 24.1
71 33.0 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.711 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.141 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

Tgt Ion: 70 Resp: 222622
Ion Ratio Lower Upper
70 100
42 53.4 49.0 73.6
101 0.1 8.1 12.1#
130 2.0 18.2 27.2#



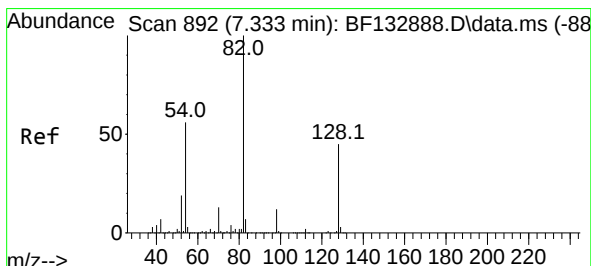
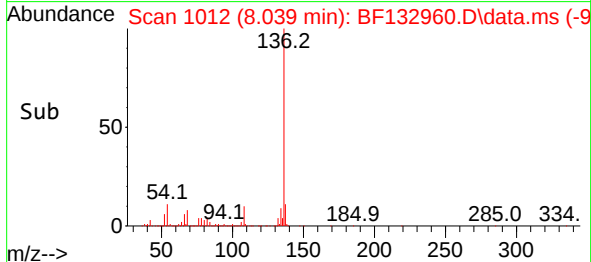
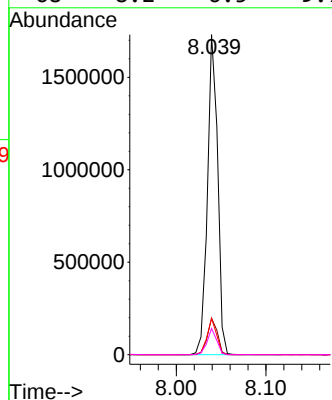
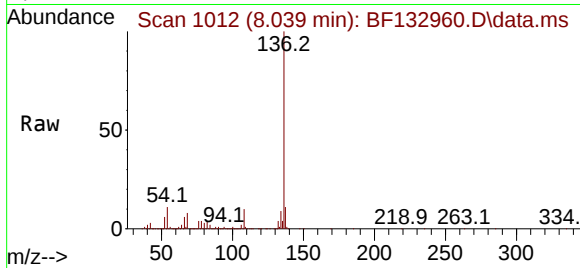


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

Instrument :
BNA_F
ClientSampleId :
SB-19-19-21-20230411

Tgt Ion:136 Resp: 1368017

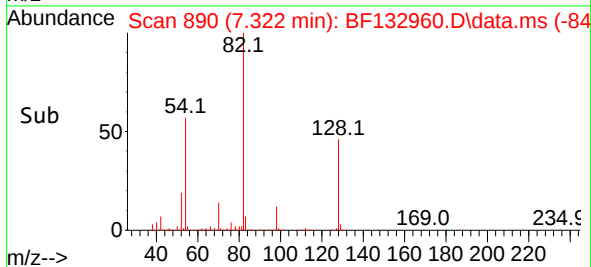
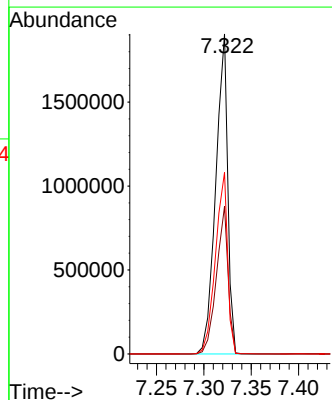
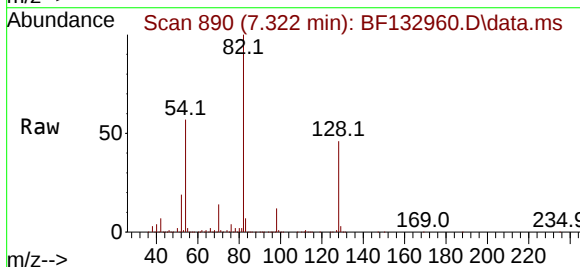
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	11.3	8.9	13.3
68	8.2	6.5	9.7

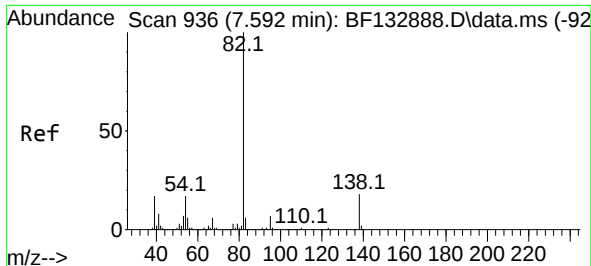


#23
Nitrobenzene-d5
Concen: 63.561 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

Tgt Ion: 82 Resp: 1668162

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.7	53.5
54	56.7	44.7	67.1

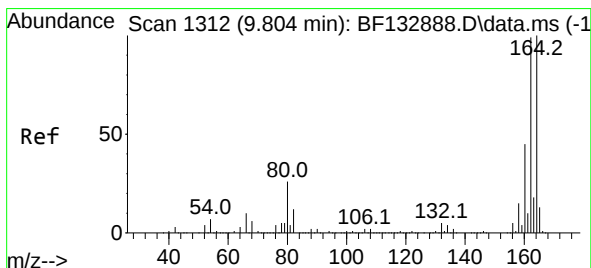
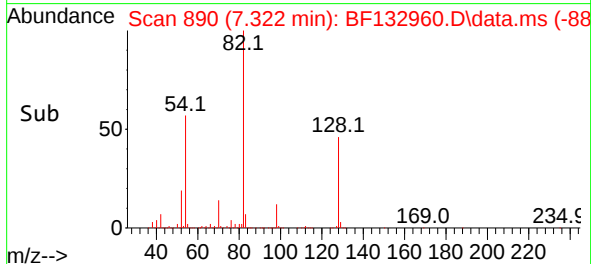
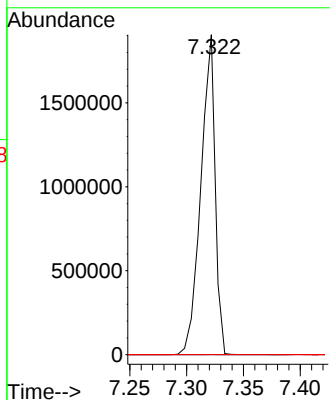
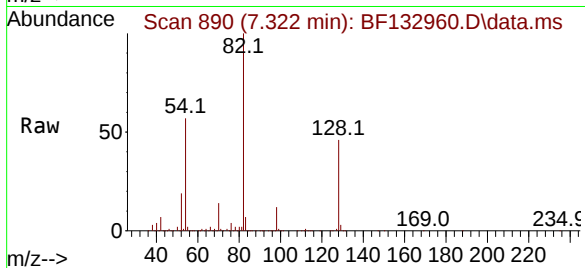




#25
Isophorone
Concen: 33.454 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

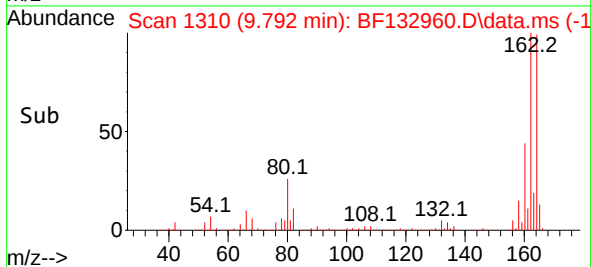
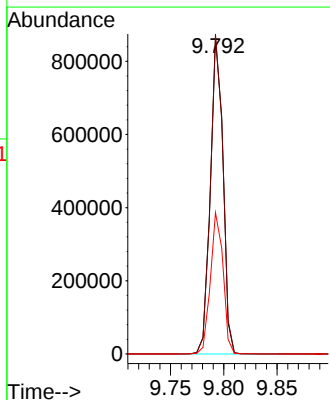
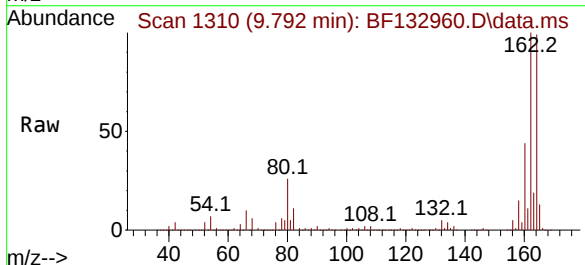
Instrument :
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ClientSampleId :
SB-19-19-21-20230411

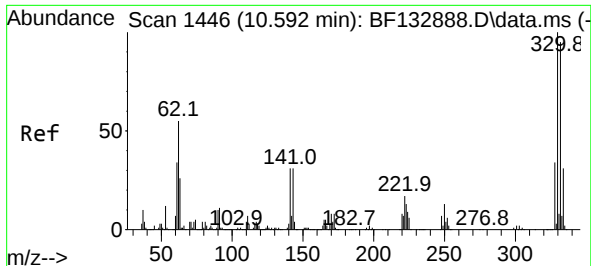
Tgt Ion: 82 Resp: 1665390
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

Tgt Ion:164 Resp: 711956
Ion Ratio Lower Upper
164 100
162 101.3 79.1 118.7
160 44.7 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 66.216 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF132960.D

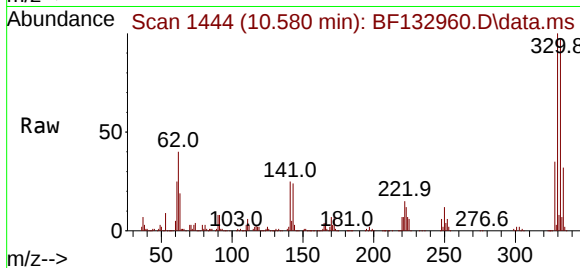
Acq: 21 Apr 2023 03:17

Instrument :

BNA_F

ClientSampleId :

SB-19-19-21-20230411



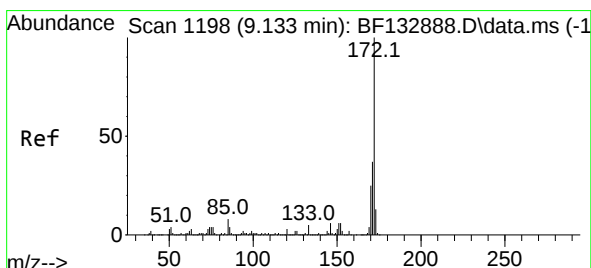
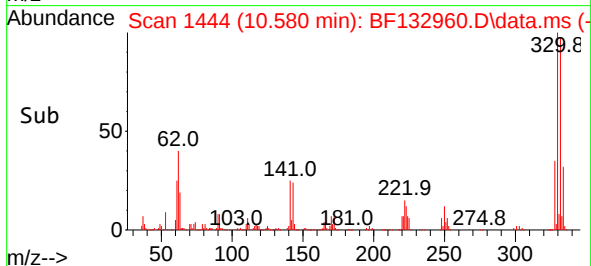
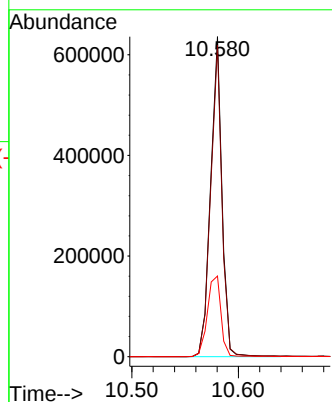
Tgt Ion:330 Resp: 472848

Ion Ratio Lower Upper

330 100

332 97.2 76.3 114.5

141 30.4 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 61.428 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF132960.D

Acq: 21 Apr 2023 03:17

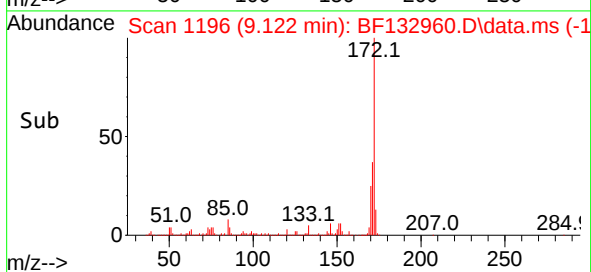
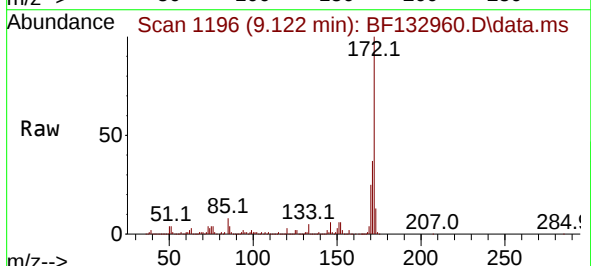
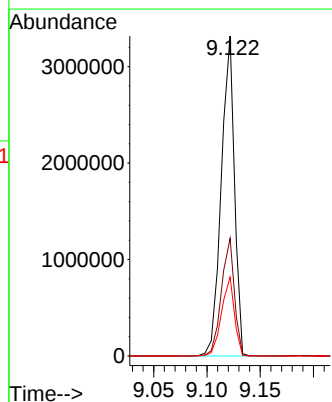
Tgt Ion:172 Resp: 2846848

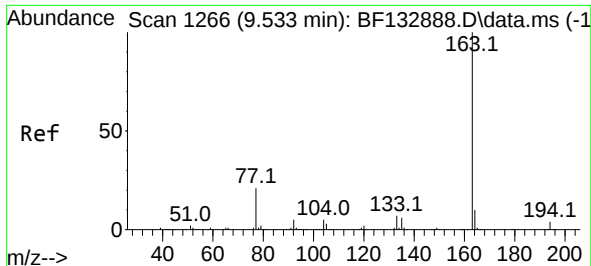
Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

170 24.7 20.1 30.1

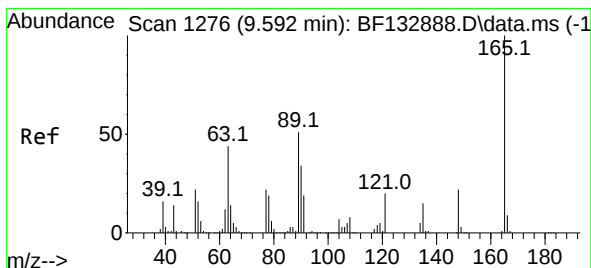
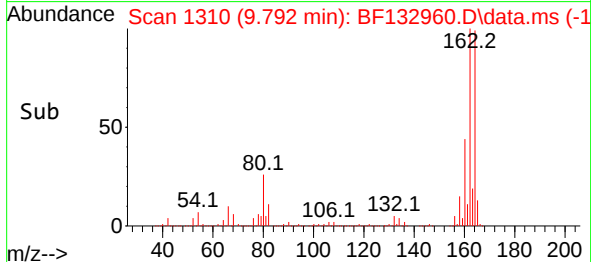
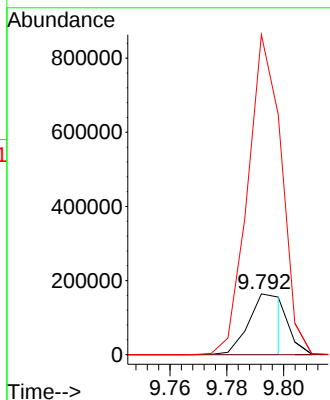
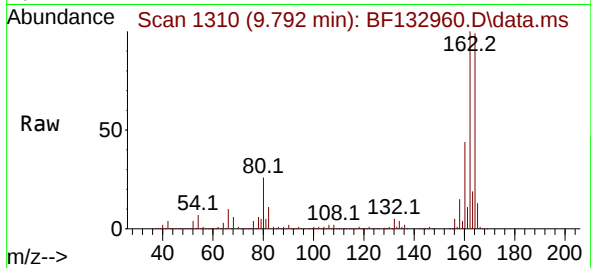




#50
Dimethylphthalate
Concen: 2.796 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

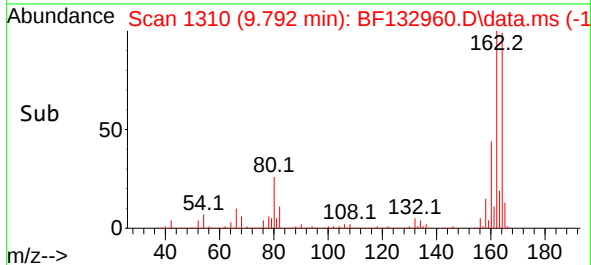
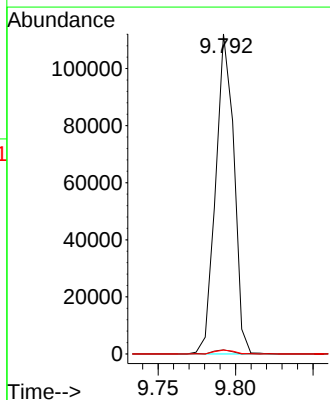
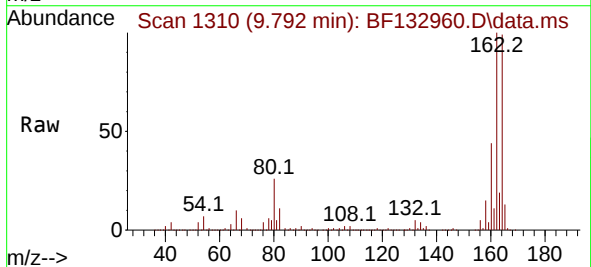
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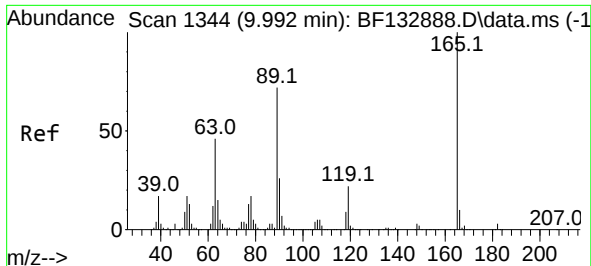
Tgt Ion:163 Resp: 137610
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 526.8 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.530 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.212 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

Tgt Ion:165 Resp: 92060
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.2 41.0 61.4#

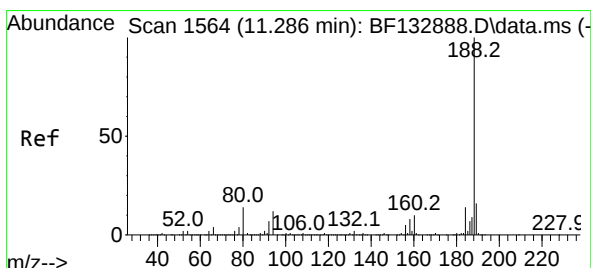
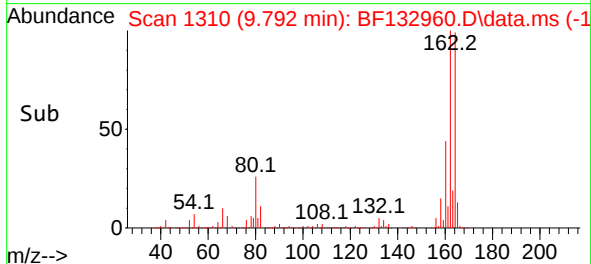
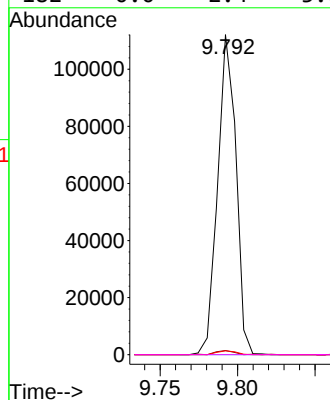
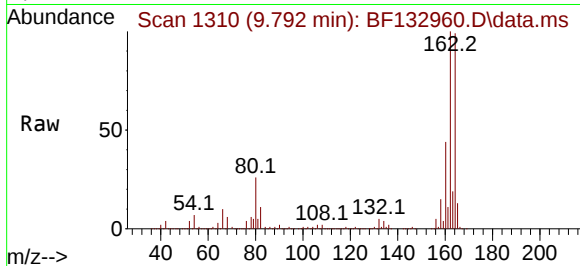




#57
2,4-Dinitrotoluene
Concen: 6.912 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

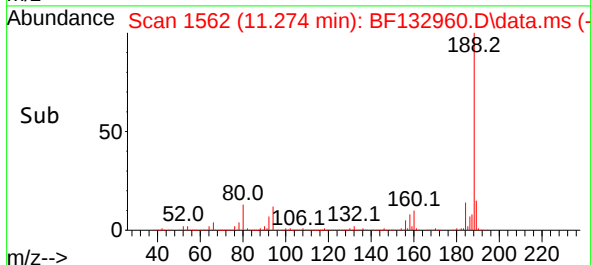
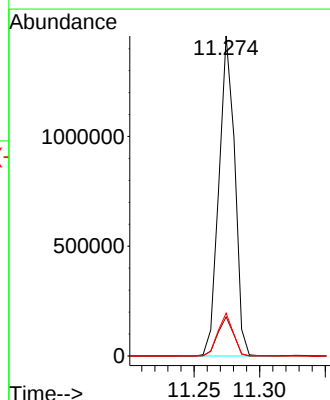
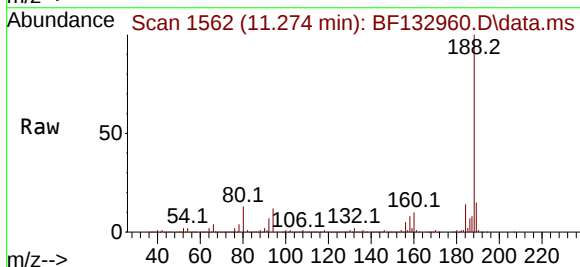
Instrument :
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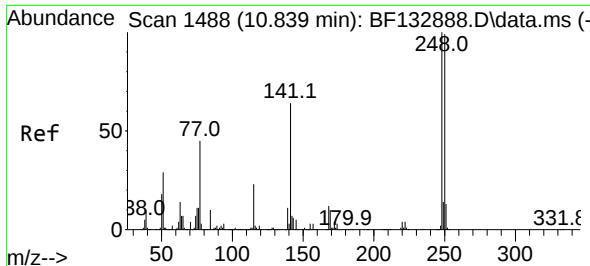
Tgt Ion:165	Resp:	92060
Ion Ratio	Lower	Upper
165	100	
63	1.3	37.0 55.6#
89	1.2	57.8 86.6#
182	0.0	2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

Tgt Ion:188	Resp:	1221256
Ion Ratio	Lower	Upper
188	100	
94	12.2	9.9 14.9
80	13.4	10.8 16.2

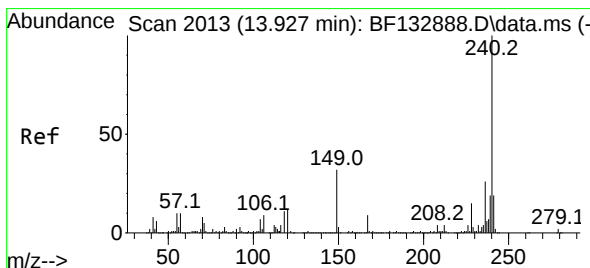
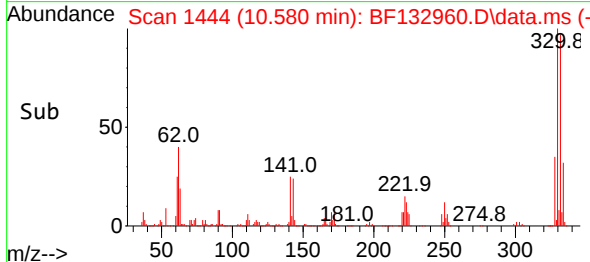
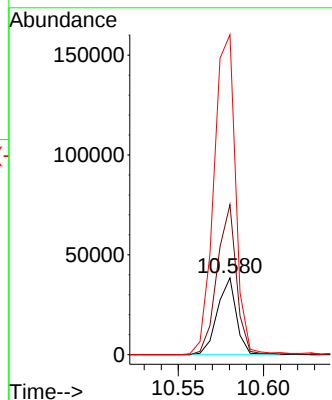
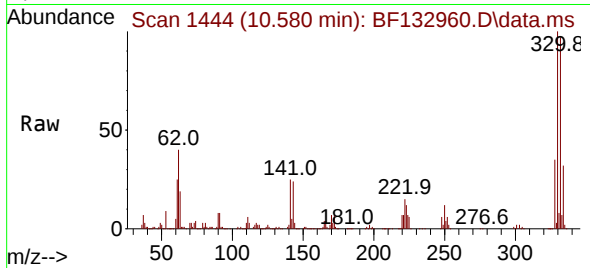




#67
4-Bromophenyl-phenylether
Concen: 2.140 ng
RT: 10.580 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

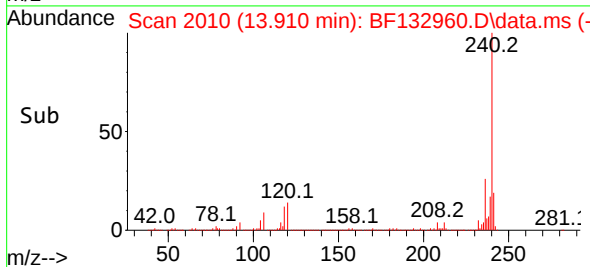
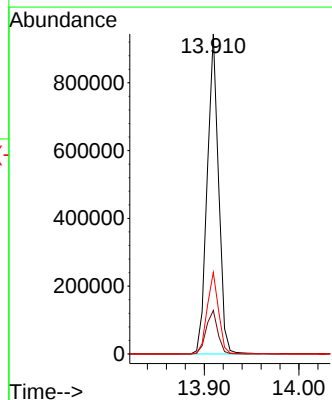
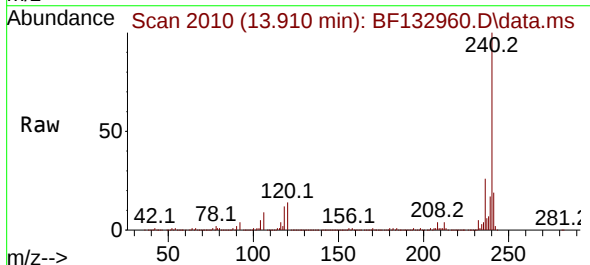
Instrument :
BNA_F
ClientSampleId :
SB-19-19-21-20230411

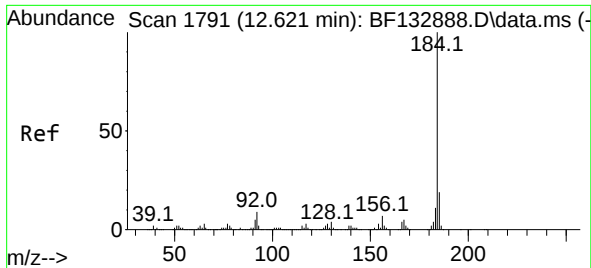
Tgt Ion:248 Resp: 29846
Ion Ratio Lower Upper
248 100
250 195.6 79.1 118.7#
141 416.8 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

Tgt Ion:240 Resp: 784245
Ion Ratio Lower Upper
240 100
120 13.6 10.0 15.0
236 25.5 20.8 31.2

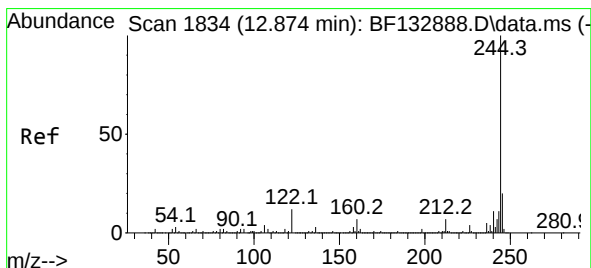
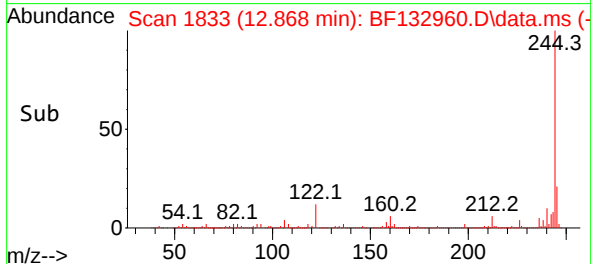
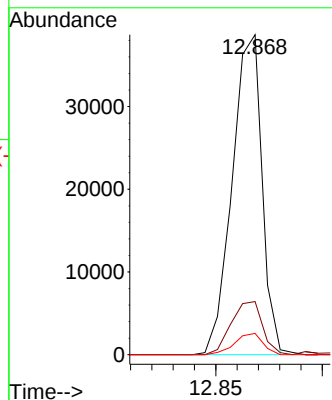
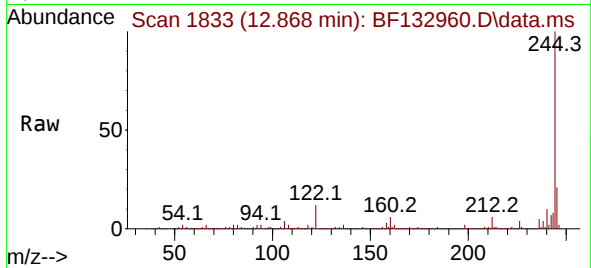




#77
Benzidine
Concen: 3.086 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.259 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

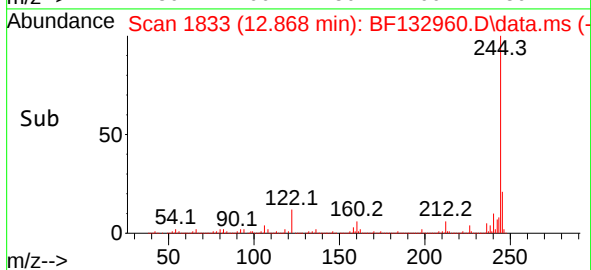
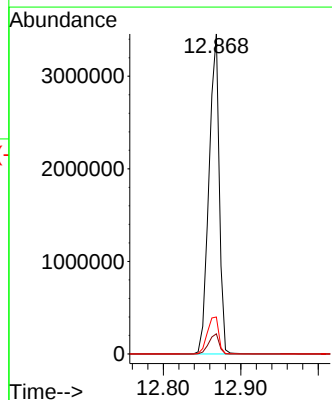
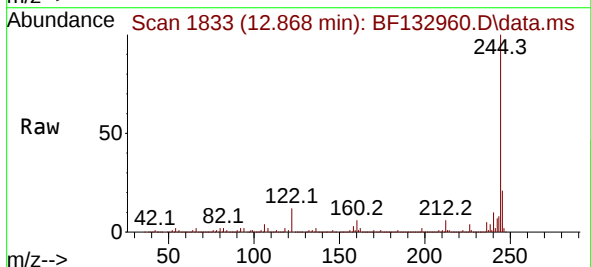
Instrument :
BNA_F
ClientSampleId :
SB-19-19-21-20230411

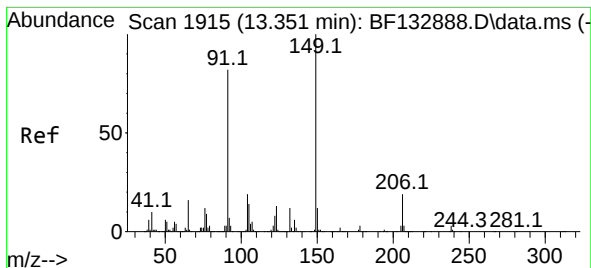
Tgt Ion:184 Resp: 37703
Ion Ratio Lower Upper
184 100
185 16.6 14.9 22.3
183 6.6 9.0 13.6#



#79
Terphenyl-d14
Concen: 69.109 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BF132960.D
Acq: 21 Apr 2023 03:17

Tgt Ion:244 Resp: 3176784
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 11.5 9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.147 ng

RT: 13.321 min Scan# 1910

Delta R.T. -0.024 min

Lab File: BF132960.D

Acq: 21 Apr 2023 03:17

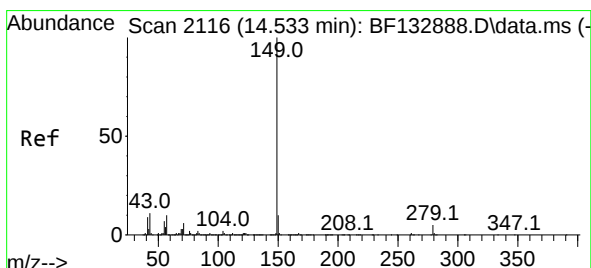
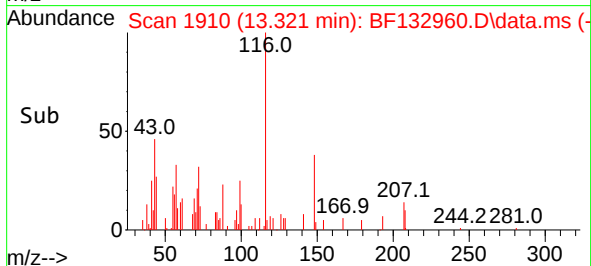
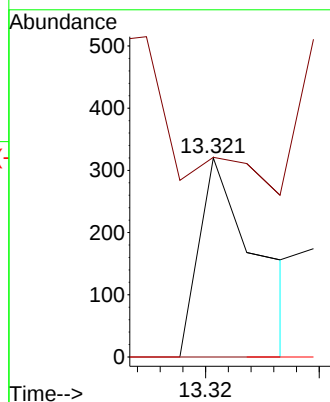
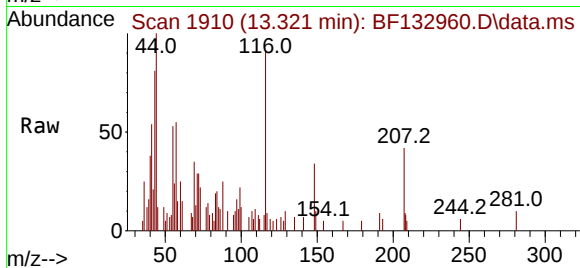
Instrument :

BNA_F

ClientSampleId :

SB-19-19-21-20230411

Tgt Ion:	149	Resp:	227
Ion	Ratio	Lower	Upper
149	100		
91	100.3	65.4	98.0#
206	0.0	15.6	23.4#



#85

Di-n-octyl phthalate

Concen: 6.397 ng

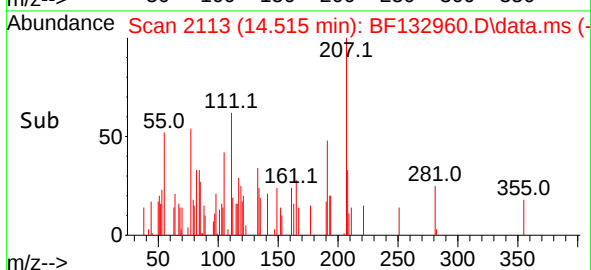
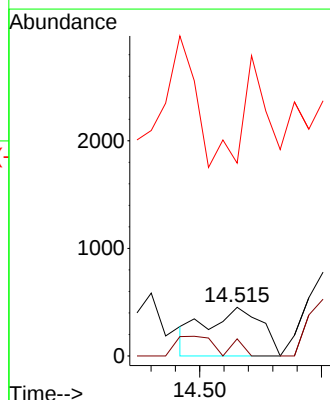
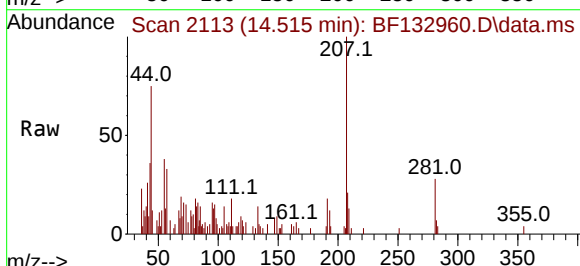
RT: 14.515 min Scan# 2113

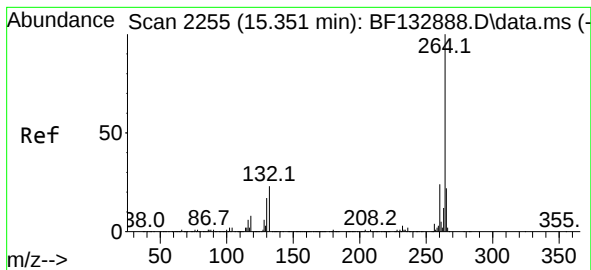
Delta R.T. -0.006 min

Lab File: BF132960.D

Acq: 21 Apr 2023 03:17

Tgt Ion:	149	Resp:	716
Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	79.3	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: BF132960.D

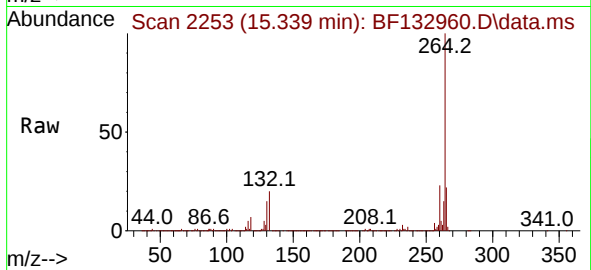
Acq: 21 Apr 2023 03:17

Instrument :

BNA_F

ClientSampleId :

SB-19-19-21-20230411



Tgt Ion:264 Resp: 674170

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.8 17.7 26.5

