

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134552.D
 Acq On : 01 Aug 2023 17:15
 Operator : CG\JU
 Sample : 03784-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-2

Quant Time: Aug 02 02:44:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

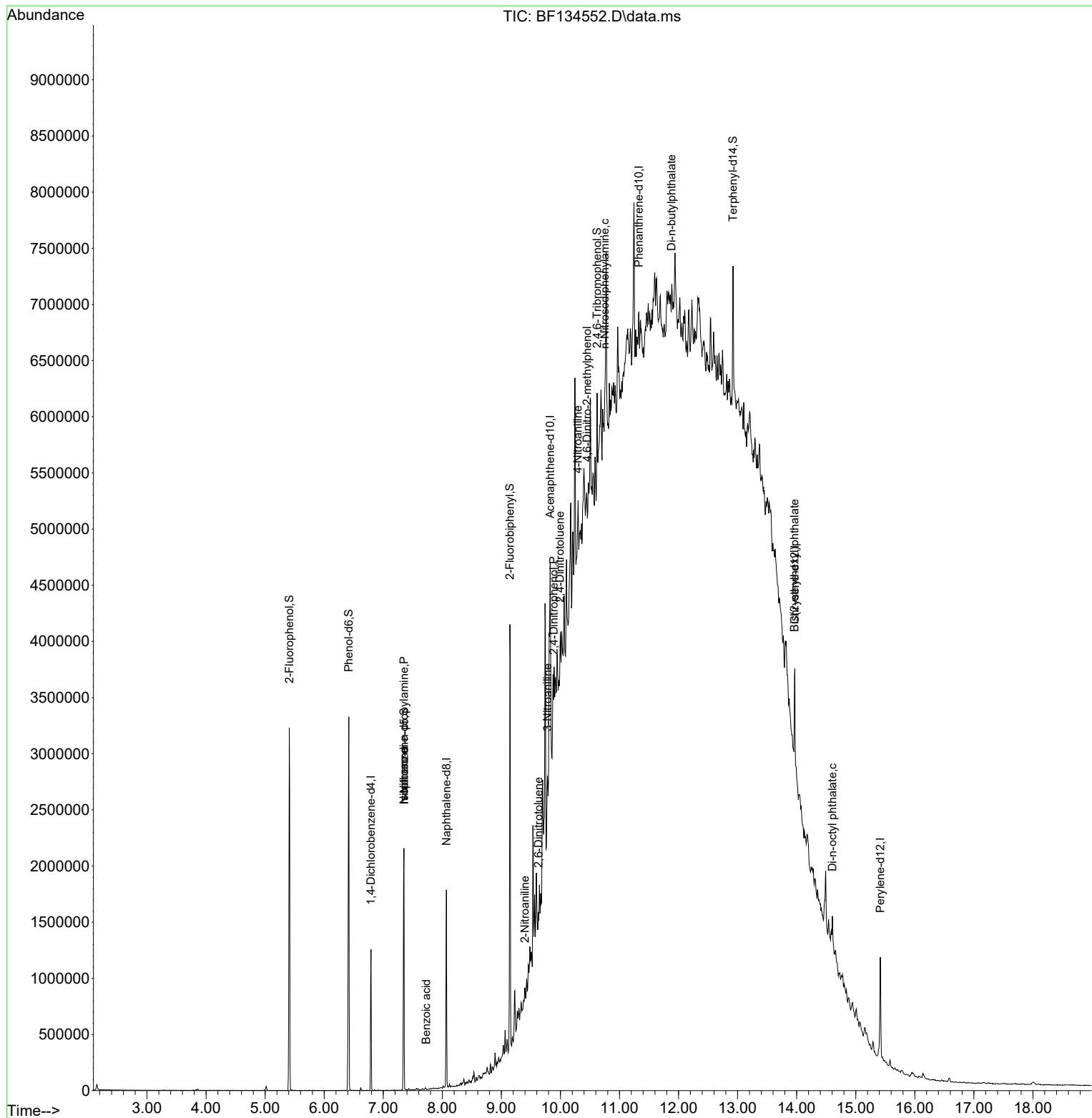
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	167358	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	661646	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	285811	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	331201	20.000	ng	# 0.01
76) Chrysene-d12	13.968	240	326960	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	385745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	892903	81.102	ng	0.00
7) Phenol-d6	6.416	99	1115847	79.286	ng	-0.01
23) Nitrobenzene-d5	7.351	82	636803	60.146	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	210209	72.148	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1179312	68.606	ng	0.00
79) Terphenyl-d14	12.921	244	759157	40.931	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.416	77	1959	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.351	70	88606	10.515	ng	# 72
25) Isophorone	7.351	82	636108	27.546	ng	# 65
32) Benzoic acid	7.728	122	204	7.892	ng	# 37
48) 2-Nitroaniline	9.398	65	3888	3.866	ng	# 58
51) 2,6-Dinitrotoluene	9.628	165	7319	4.234	ng	# 22
53) 3-Nitroaniline	9.781	138	15448	3.558	ng	# 17
54) 2,4-Dinitrophenol	9.886	184	336	7.064	ng	# 1
57) 2,4-Dinitrotoluene	9.992	165	7698	4.353	ng	# 27
62) 4-Nitroaniline	10.292	138	29909	7.028	ng	90
65) 4,6-Dinitro-2-methylph...	10.451	198	1148	9.401	ng	# 1
66) n-Nitrosodiphenylamine	10.751	169	34300	3.254	ng	97
74) Di-n-butylphthalate	11.880	149	34536	2.026	ng	# 31
84) Bis(2-ethylhexyl)phtha...	13.963	149	37988	3.374	ng	99
85) Di-n-octyl phthalate	14.604	149	37708	2.202	ng	# 67

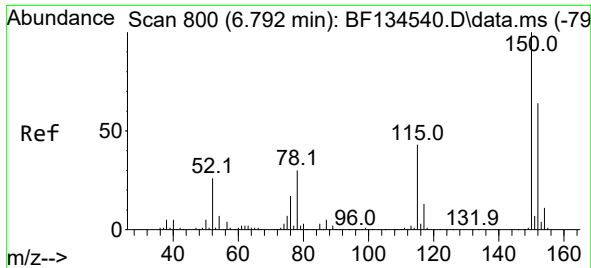
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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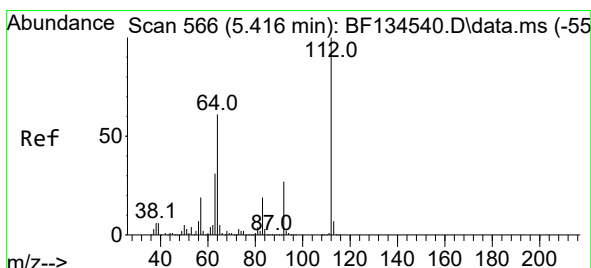
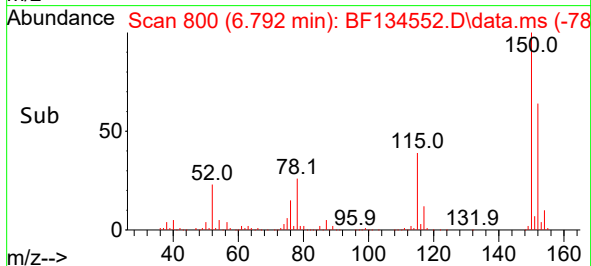
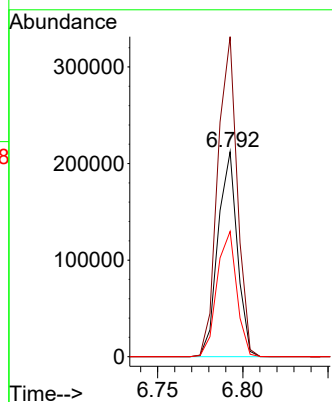
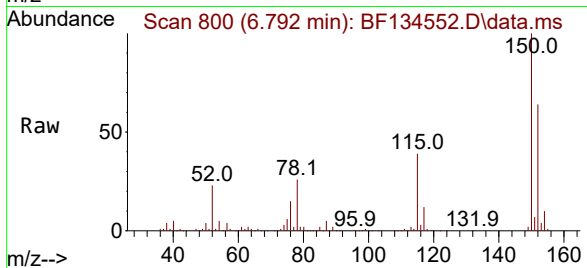




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

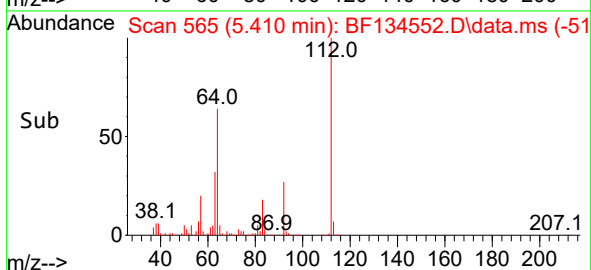
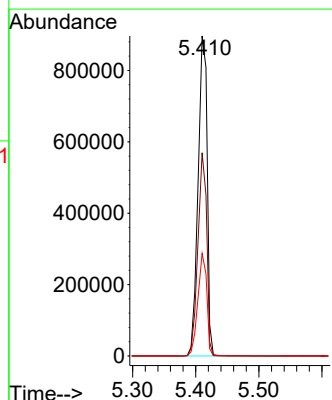
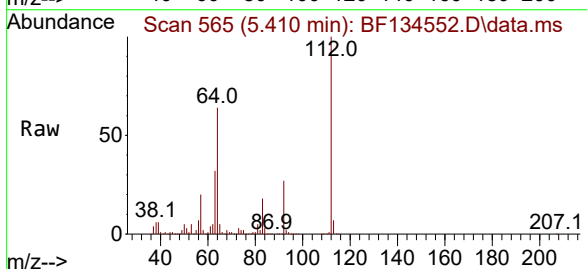
Instrument :
BNA_F
ClientSampleId :
OS-2

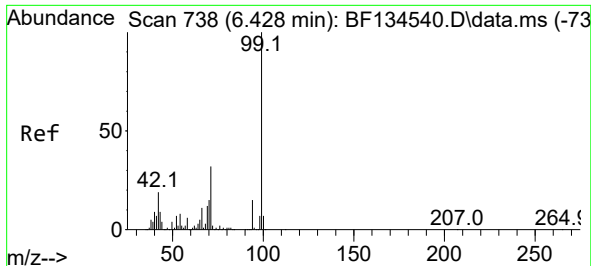
Tgt Ion:152 Resp: 167358
Ion Ratio Lower Upper
152 100
150 156.1 128.3 192.5
115 61.1 52.4 78.6



#5
2-Fluorophenol
Concen: 81.102 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

Tgt Ion:112 Resp: 892903
Ion Ratio Lower Upper
112 100
64 63.5 44.9 67.3
63 32.0 25.4 38.0

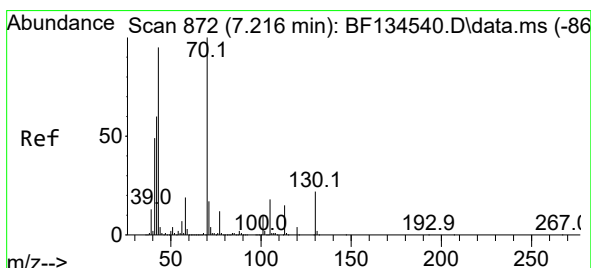
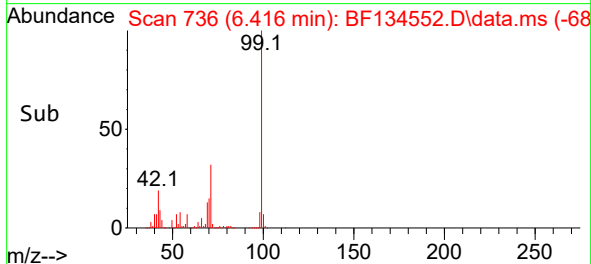
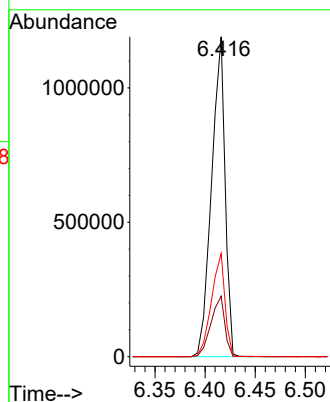
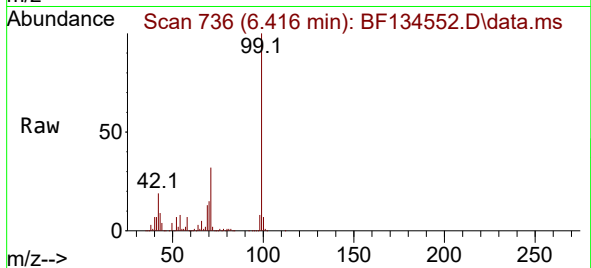




#7
Phenol-d6
Concen: 79.286 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

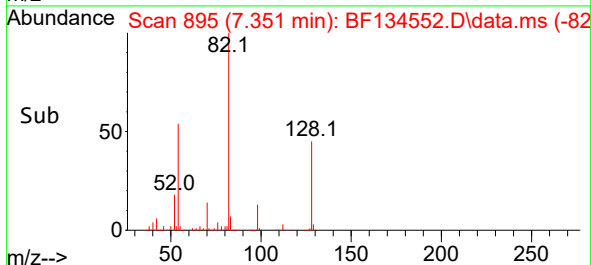
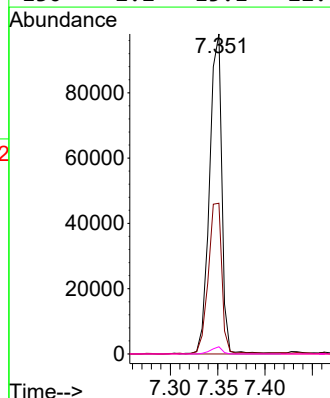
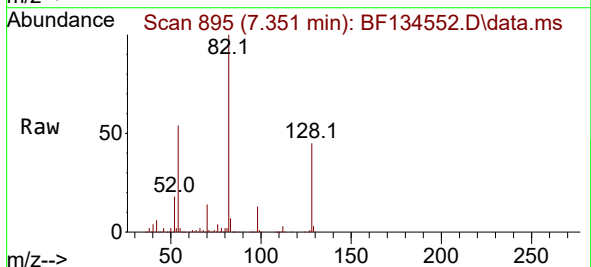
Instrument :
BNA_F
ClientSampleId :
OS-2

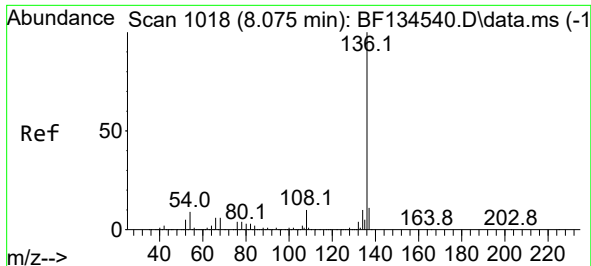
Tgt Ion: 99 Resp: 1115847
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 32.2 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.515 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

Tgt Ion: 70 Resp: 88606
Ion Ratio Lower Upper
70 100
42 47.1 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#

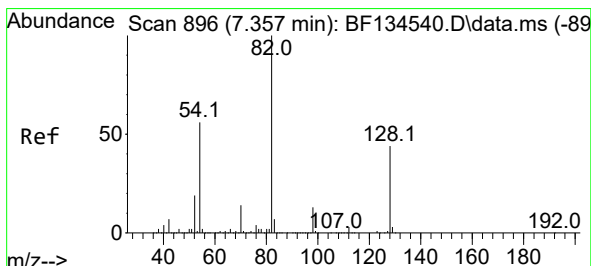
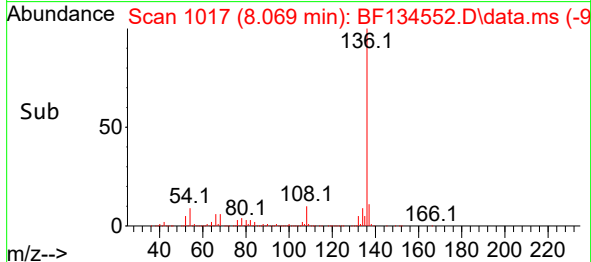
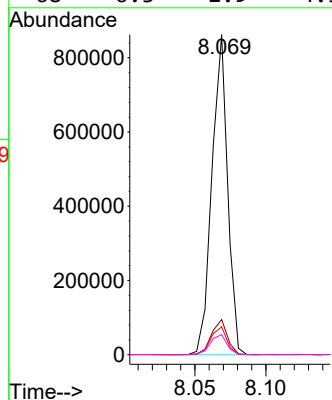
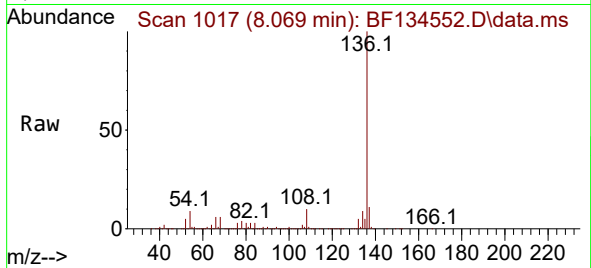




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

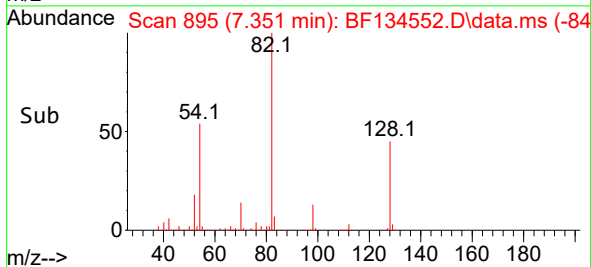
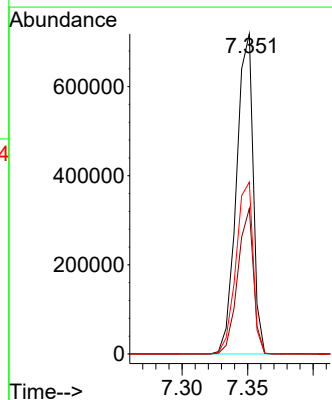
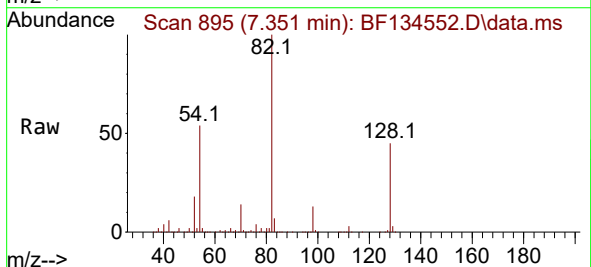
Instrument :
BNA_F
ClientSampleId :
OS-2

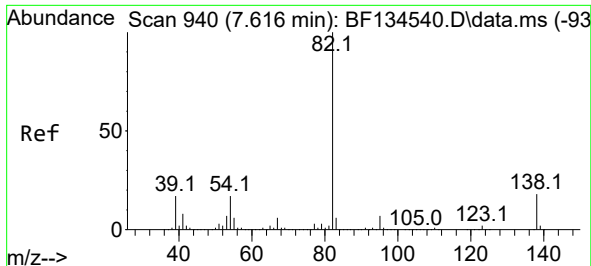
Tgt Ion:136 Resp: 661646
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.7 5.2 7.8#
68 6.3 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 60.146 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

Tgt Ion: 82 Resp: 636803
Ion Ratio Lower Upper
82 100
128 45.4 34.3 51.5
54 53.7 43.8 65.6

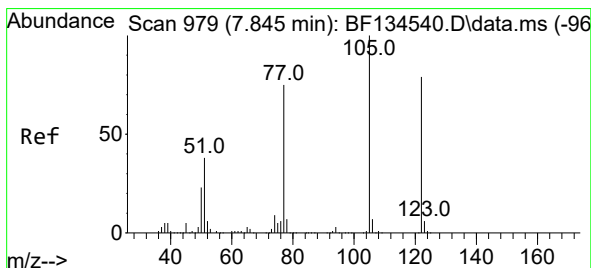
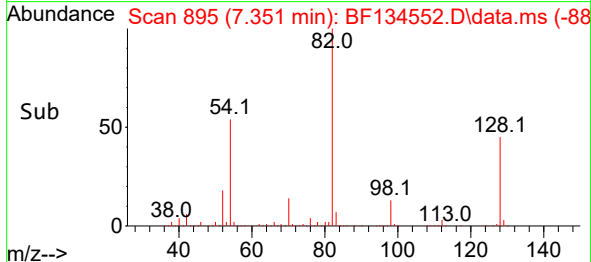
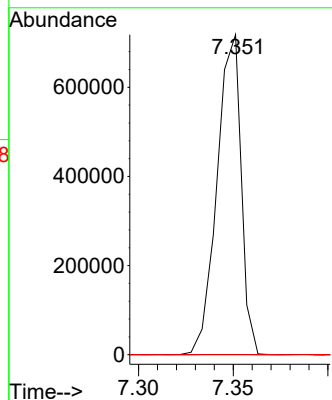
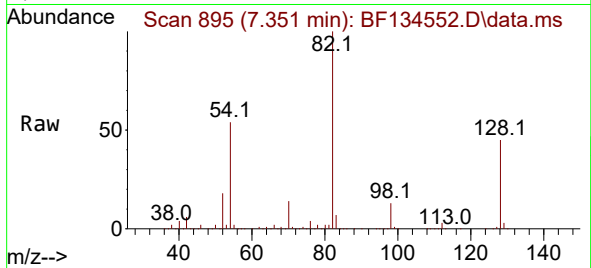




#25
Isophorone
Concen: 27.546 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

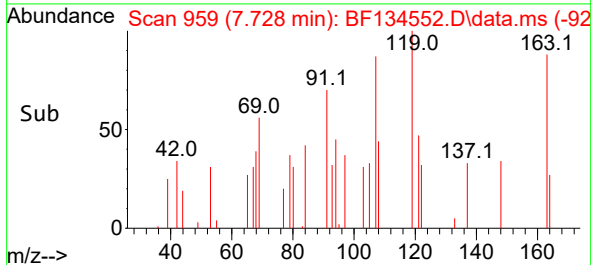
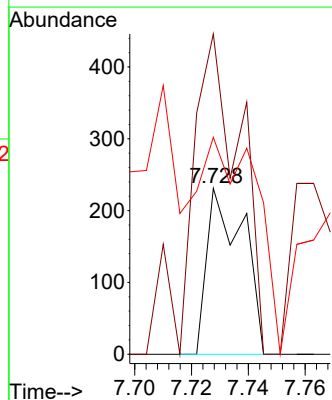
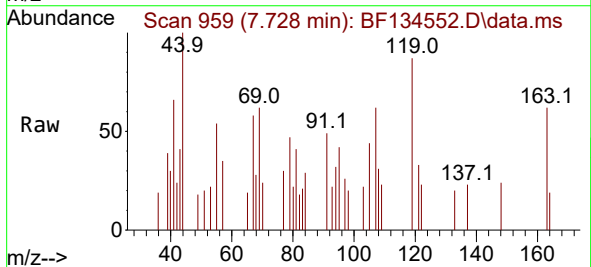
Instrument :
BNA_F
ClientSampleId :
OS-2

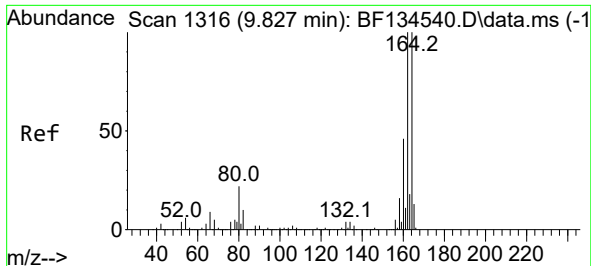
Tgt Ion: 82 Resp: 636108
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.892 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.117 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

Tgt Ion: 122 Resp: 204
Ion Ratio Lower Upper
122 100
105 193.1 87.5 127.5#
77 130.7 71.4 111.4#

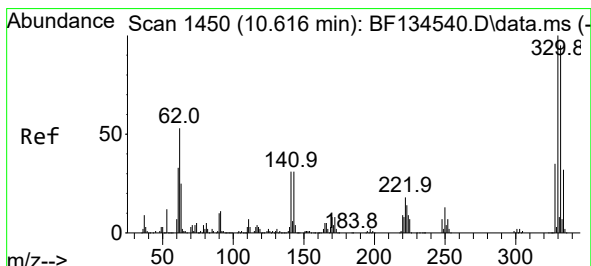
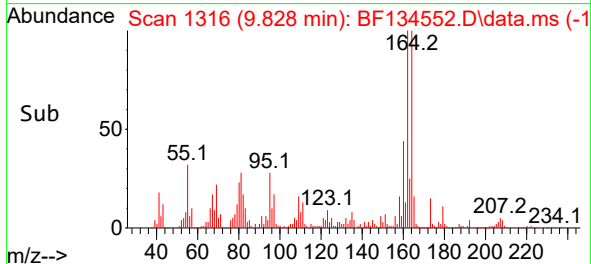
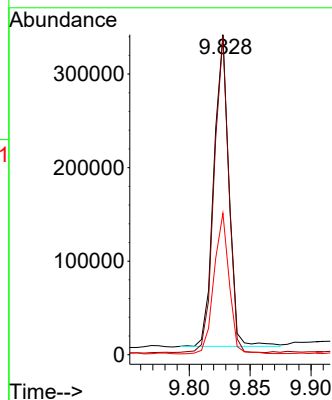
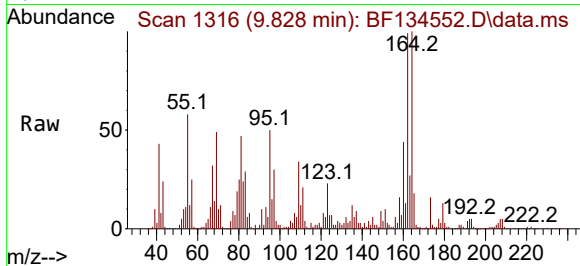




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

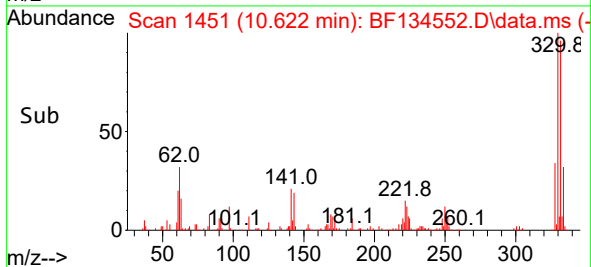
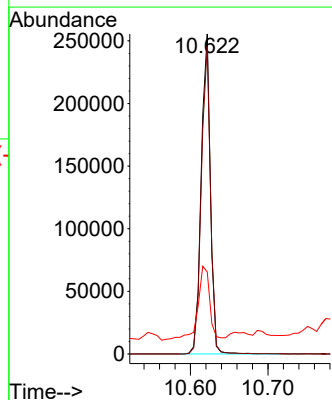
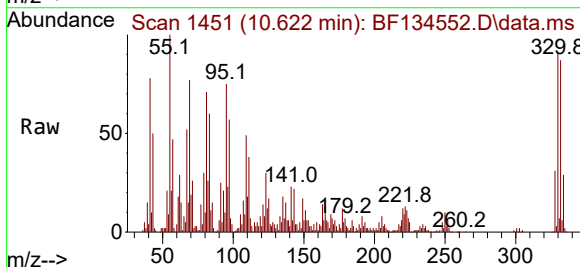
Instrument :
BNA_F
ClientSampleId :
OS-2

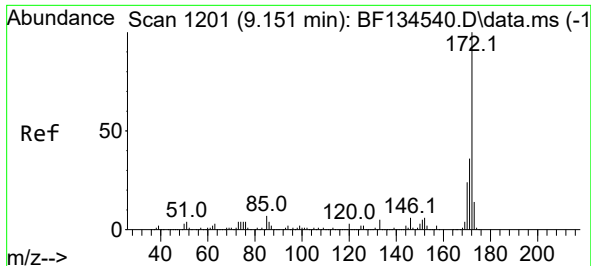
Tgt Ion:164 Resp: 285811
Ion Ratio Lower Upper
164 100
162 99.4 82.6 123.8
160 44.2 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 72.148 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

Tgt Ion:330 Resp: 210209
Ion Ratio Lower Upper
330 100
332 96.2 78.8 118.2
141 28.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 68.606 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134552.D

Acq: 01 Aug 2023 17:15

Instrument :

BNA_F

ClientSampleId :

OS-2

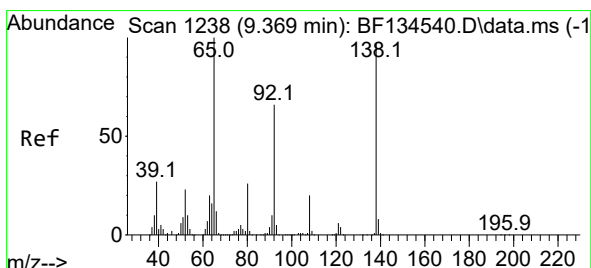
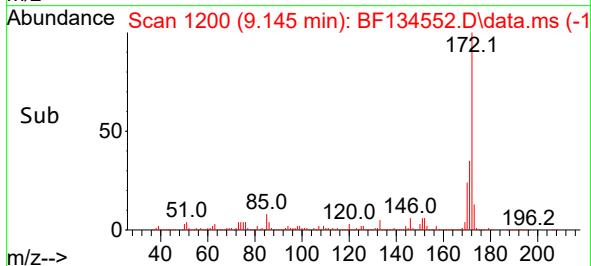
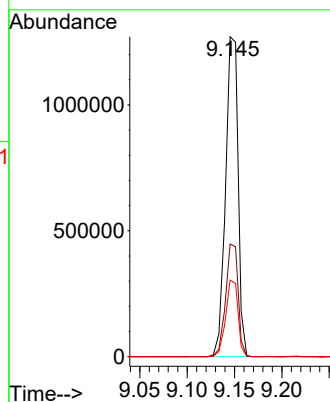
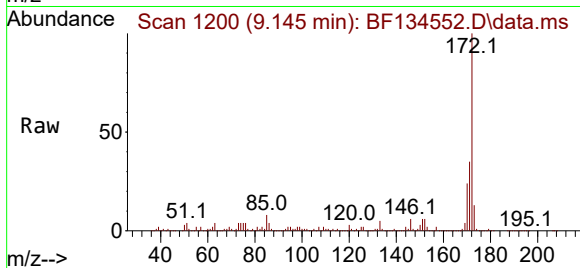
Tgt Ion:172 Resp: 1179312

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.9 18.7 28.1



#48

2-Nitroaniline

Concen: 3.866 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.029 min

Lab File: BF134552.D

Acq: 01 Aug 2023 17:15

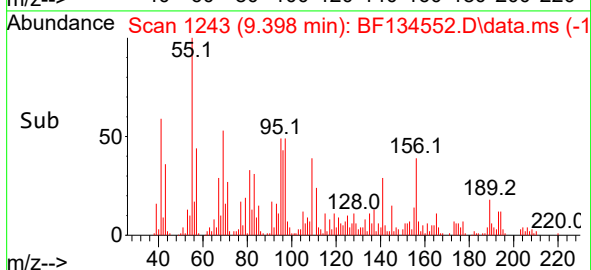
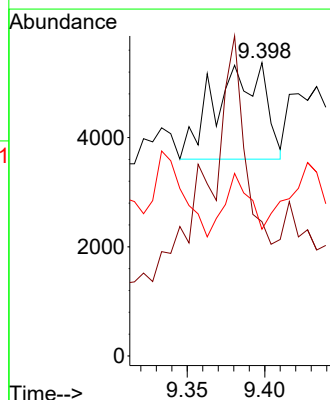
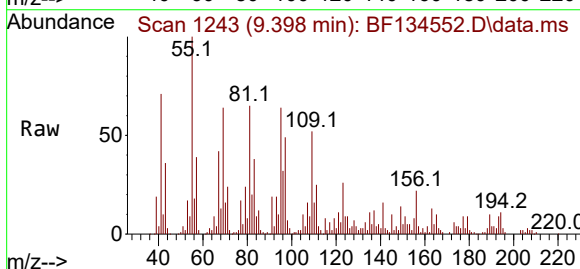
Tgt Ion: 65 Resp: 3888

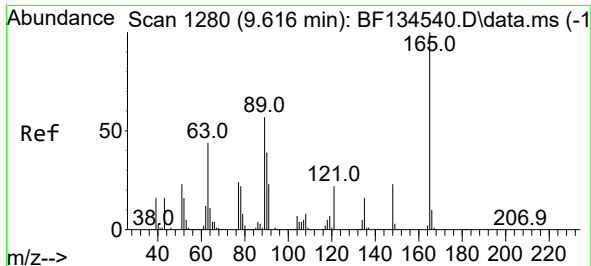
Ion Ratio Lower Upper

65 100

92 45.8 50.7 76.1#

138 43.2 78.2 117.4#

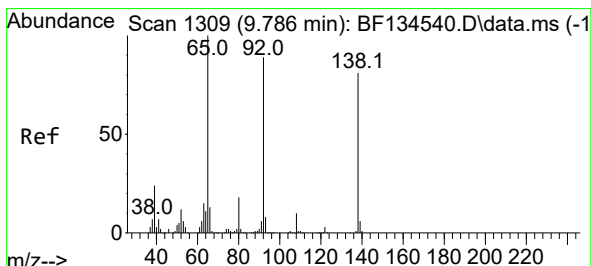
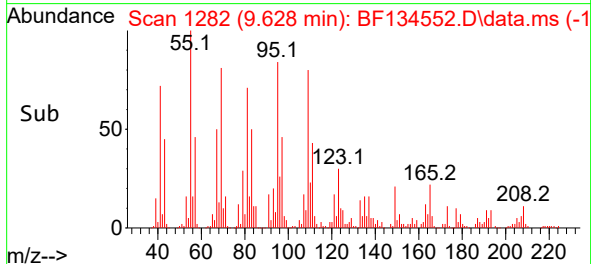
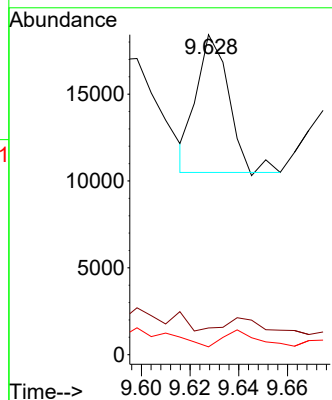
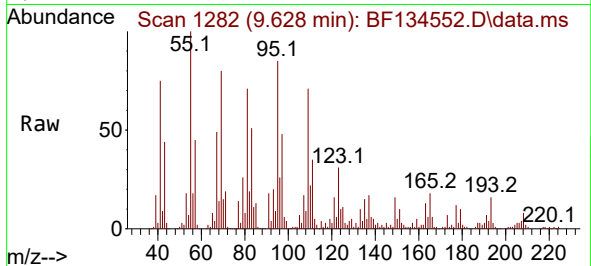




#51
2,6-Dinitrotoluene
Concen: 4.234 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

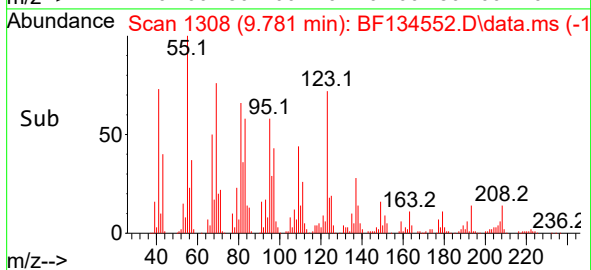
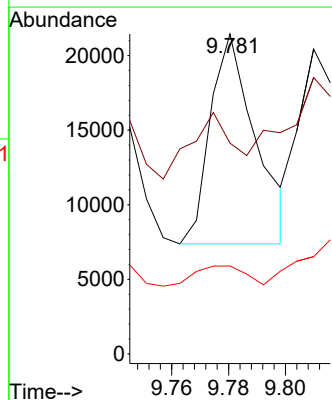
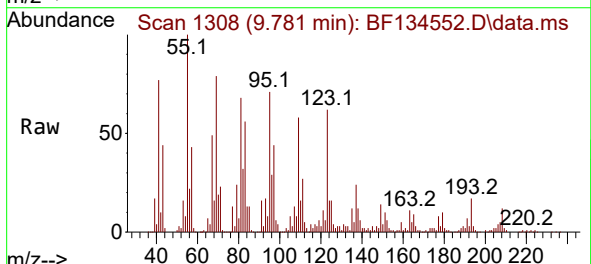
Instrument :
BNA_F
ClientSampleId :
OS-2

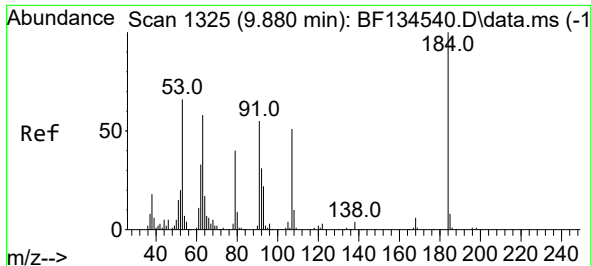
Tgt Ion:165 Resp: 7319
Ion Ratio Lower Upper
165 100
63 8.3 57.8 86.6#
89 2.4 51.8 77.8#



#53
3-Nitroaniline
Concen: 3.558 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

Tgt Ion:138 Resp: 15448
Ion Ratio Lower Upper
138 100
108 65.9 9.3 13.9#
92 27.5 86.6 129.8#

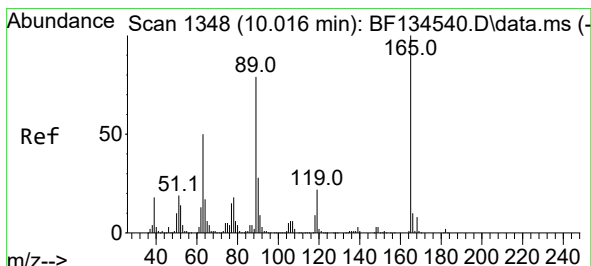
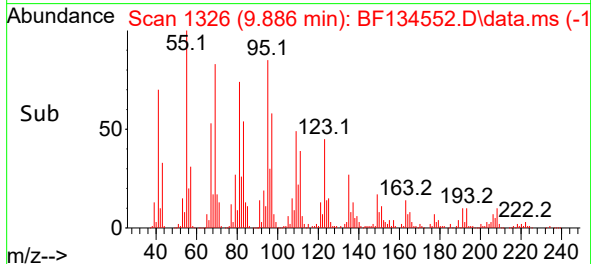
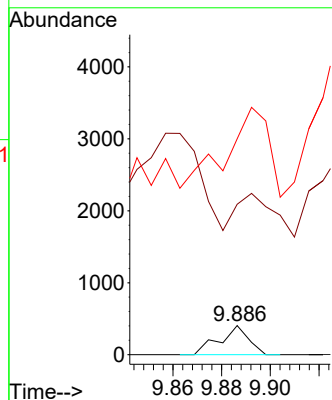
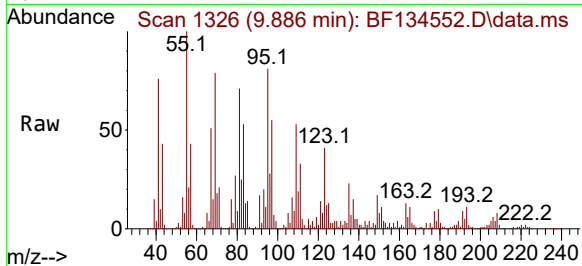




#54
2,4-Dinitrophenol
Concen: 7.064 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

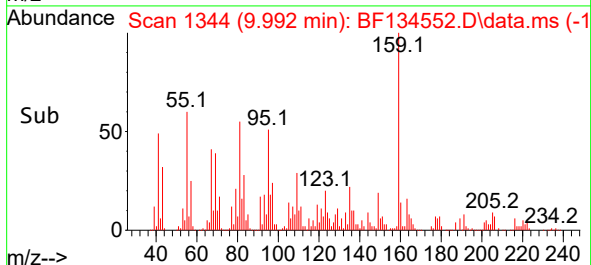
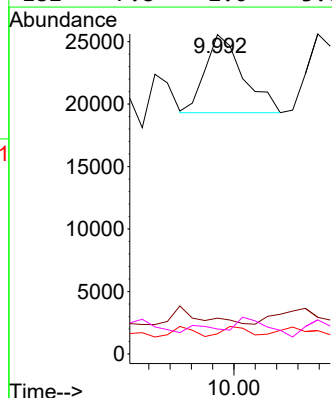
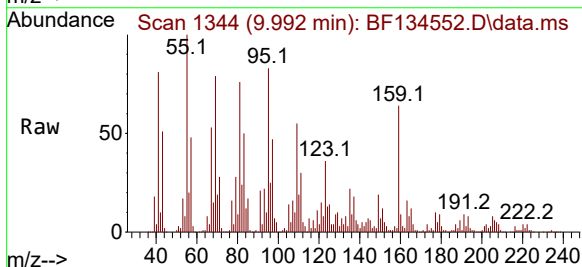
Instrument :
BNA_F
ClientSampleId :
OS-2

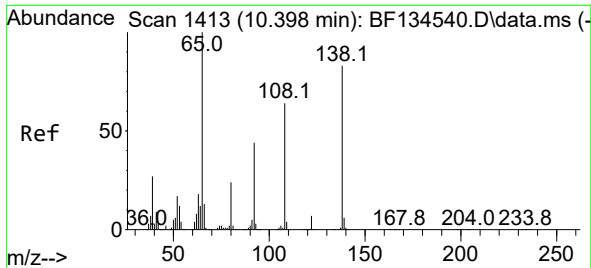
Tgt Ion:184 Resp: 336
Ion Ratio Lower Upper
184 100
63 515.0 57.1 85.7#
154 738.9 59.1 88.7#



#57
2,4-Dinitrotoluene
Concen: 4.353 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.024 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

Tgt Ion:165 Resp: 7698
Ion Ratio Lower Upper
165 100
63 11.2 48.9 73.3#
89 6.3 61.7 92.5#
182 7.8 2.0 3.0#

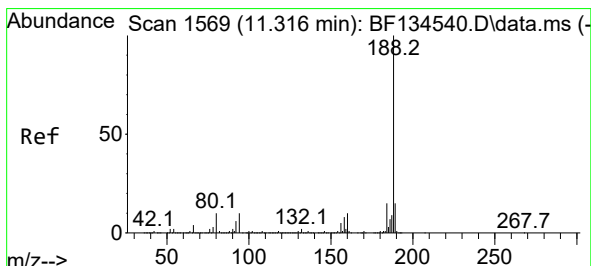
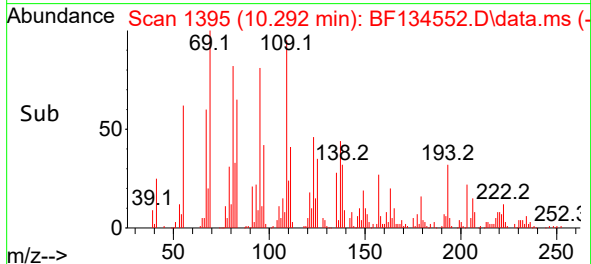
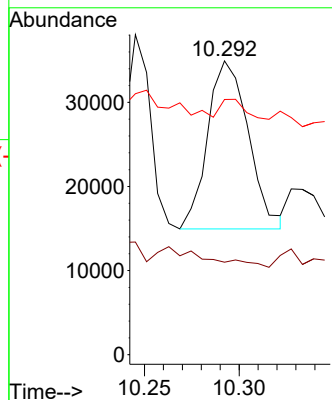
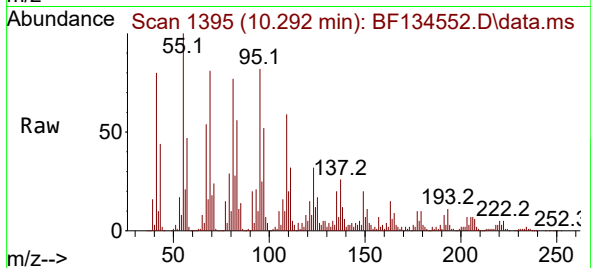




#62
4-Nitroaniline
Concen: 7.028 ng
RT: 10.292 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

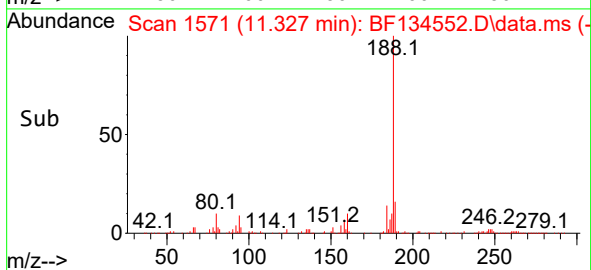
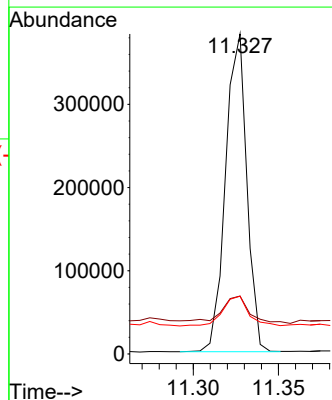
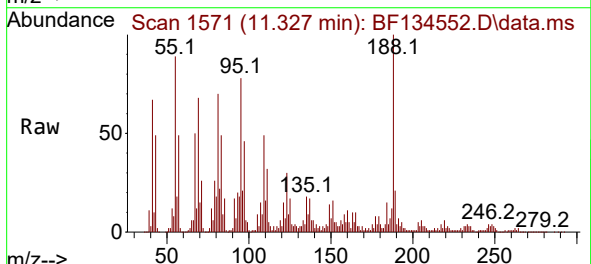
Instrument :
BNA_F
ClientSampleId :
OS-2

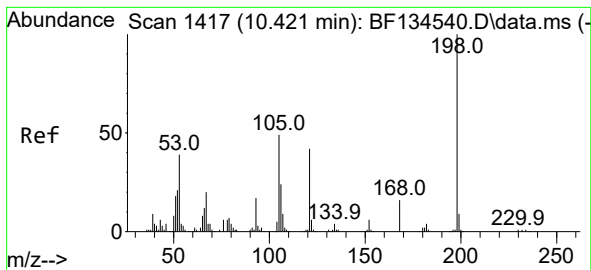
Tgt Ion:138 Resp: 29909
Ion Ratio Lower Upper
138 100
92 31.5 27.0 67.0
108 86.9 70.4 110.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.012 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

Tgt Ion:188 Resp: 331201
Ion Ratio Lower Upper
188 100
94 18.1 5.1 7.7#
80 18.0 6.6 9.8#

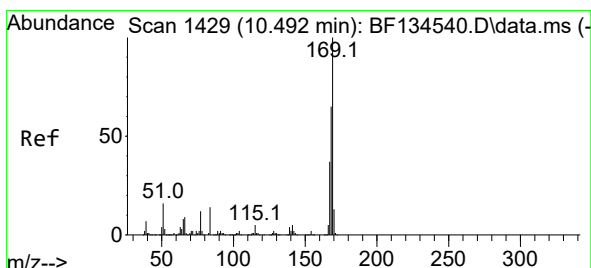
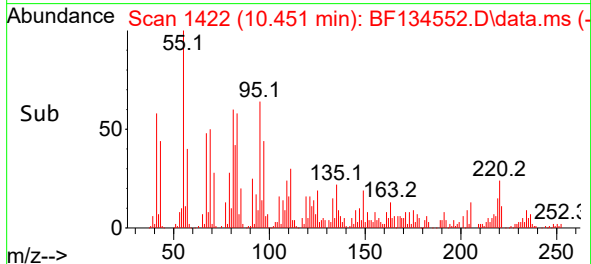
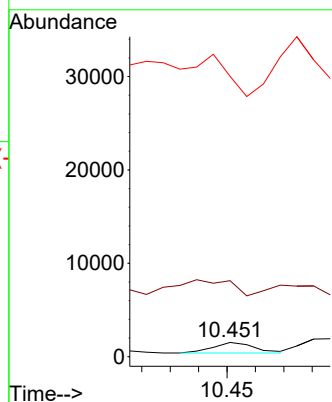
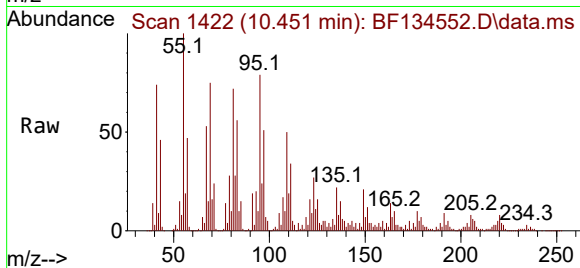




#65
4,6-Dinitro-2-methylphenol
Concen: 9.401 ng
RT: 10.451 min Scan# 1417
Delta R.T. 0.030 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

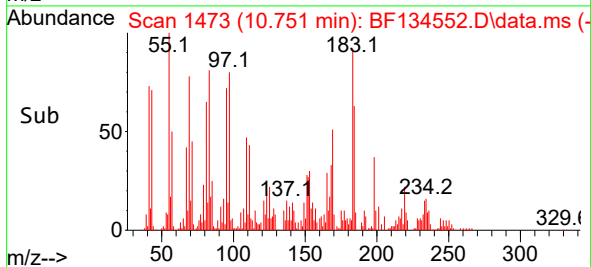
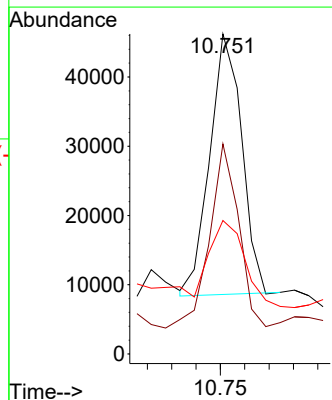
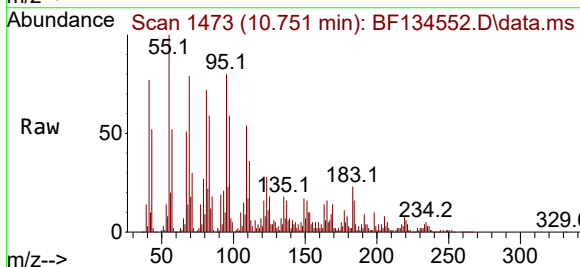
Instrument :
BNA_F
ClientSampleId :
OS-2

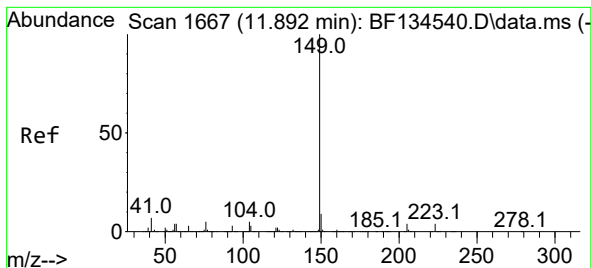
Tgt Ion:198 Resp: 1148
Ion Ratio Lower Upper
198 100
51 533.9 38.6 78.6#
105 1967.0 27.9 67.9#



#66
n-Nitrosodiphenylamine
Concen: 3.254 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.259 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

Tgt Ion:169 Resp: 34300
Ion Ratio Lower Upper
169 100
168 65.6 52.6 78.8
167 41.7 29.8 44.8





#74

Di-n-butylphthalate

Concen: 2.026 ng

RT: 11.880 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134552.D

Acq: 01 Aug 2023 17:15

Instrument :

BNA_F

ClientSampleId :

OS-2

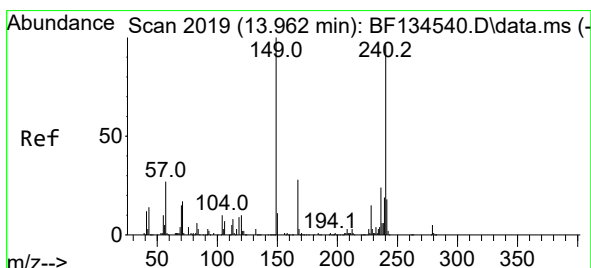
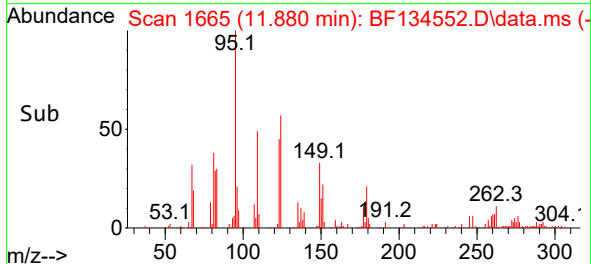
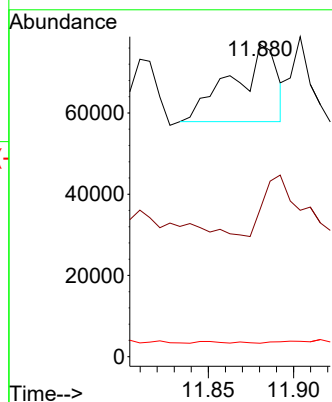
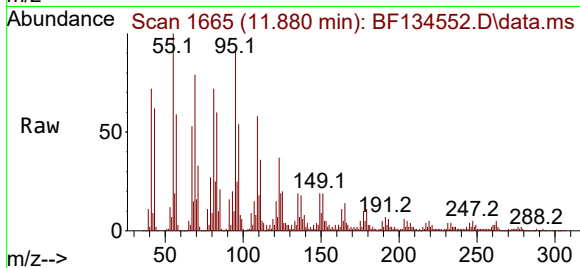
Tgt Ion:149 Resp: 34536

Ion Ratio Lower Upper

149 100

150 47.1 7.2 10.8#

104 4.3 3.8 5.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF134552.D

Acq: 01 Aug 2023 17:15

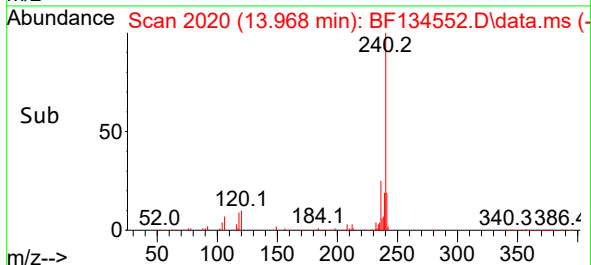
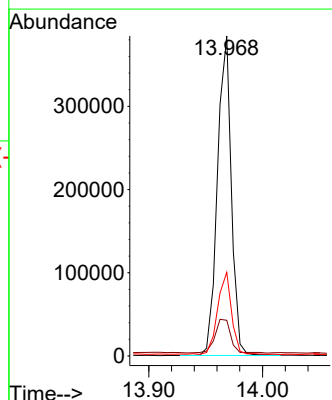
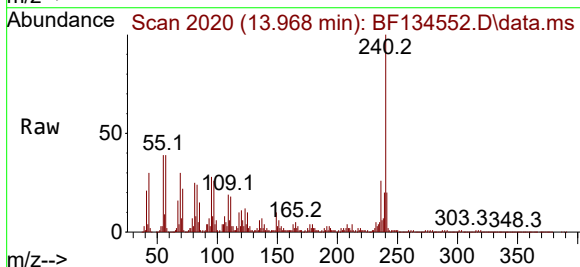
Tgt Ion:240 Resp: 326960

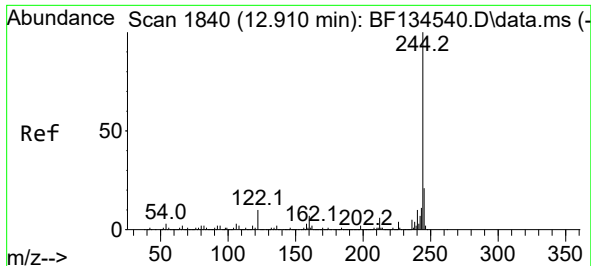
Ion Ratio Lower Upper

240 100

120 11.1 6.6 10.0#

236 26.2 20.2 30.2

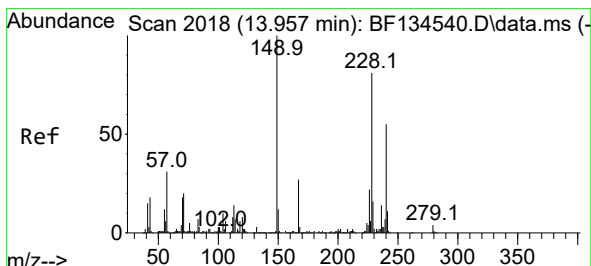
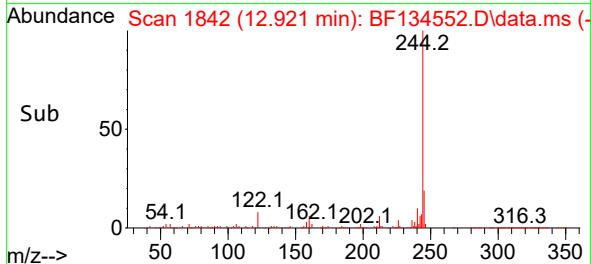
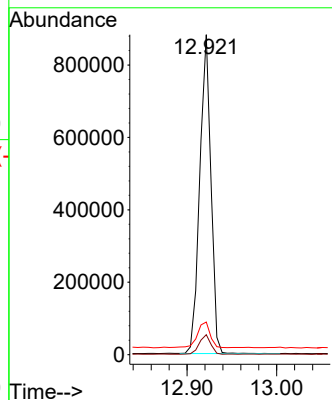
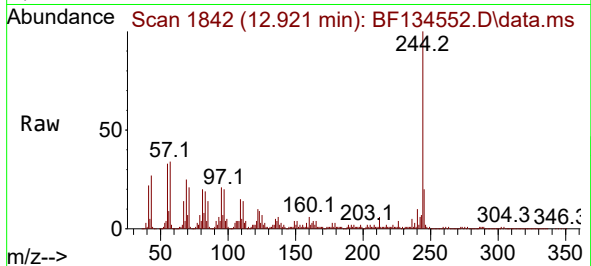




#79
Terphenyl-d14
Concen: 40.931 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.012 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

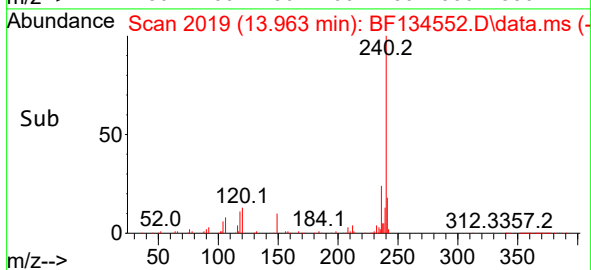
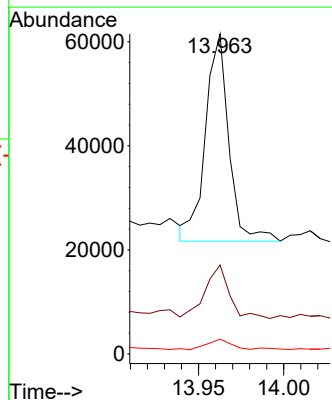
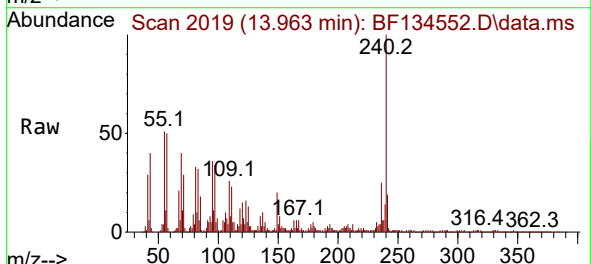
Instrument :
BNA_F
ClientSampleId :
OS-2

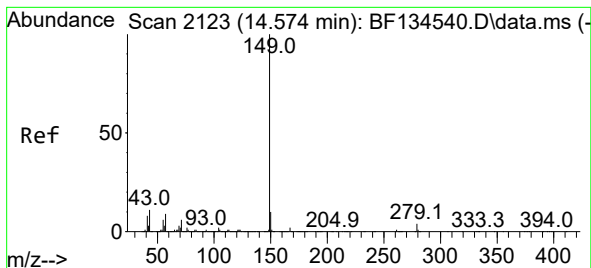
Tgt Ion:244 Resp: 759157
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 10.2 8.0 12.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.374 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF134552.D
Acq: 01 Aug 2023 17:15

Tgt Ion:149 Resp: 37988
Ion Ratio Lower Upper
149 100
167 27.8 21.6 32.4
279 4.6 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 2.202 ng

RT: 14.604 min Scan# 2123

Delta R.T. 0.030 min

Lab File: BF134552.D

Acq: 01 Aug 2023 17:15

Instrument :

BNA_F

ClientSampleId :

OS-2

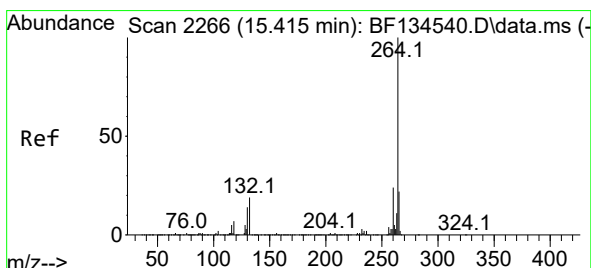
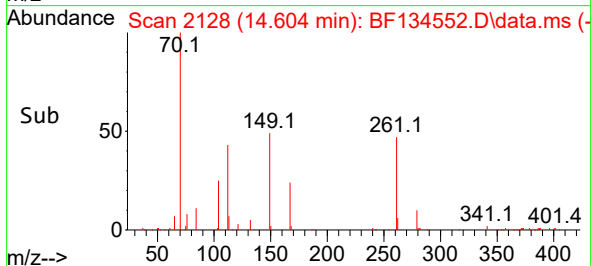
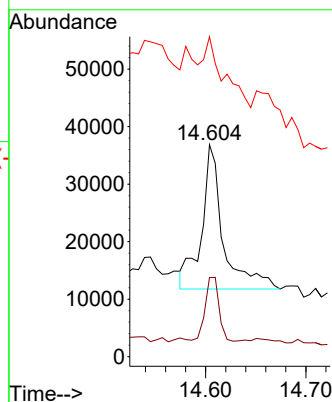
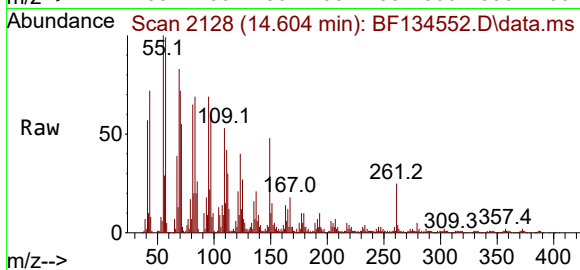
Tgt Ion:149 Resp: 37708

Ion Ratio Lower Upper

149 100

167 27.8 1.2 1.8#

43 0.0 8.1 12.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BF134552.D

Acq: 01 Aug 2023 17:15

Tgt Ion:264 Resp: 385745

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 22.0 15.8 23.8

