

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120522\
 Data File : BF131515.D
 Acq On : 05 Dec 2022 23:28
 Operator : CG\JU
 Sample : PB149384BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149384BL

Quant Time: Dec 06 02:16:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

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

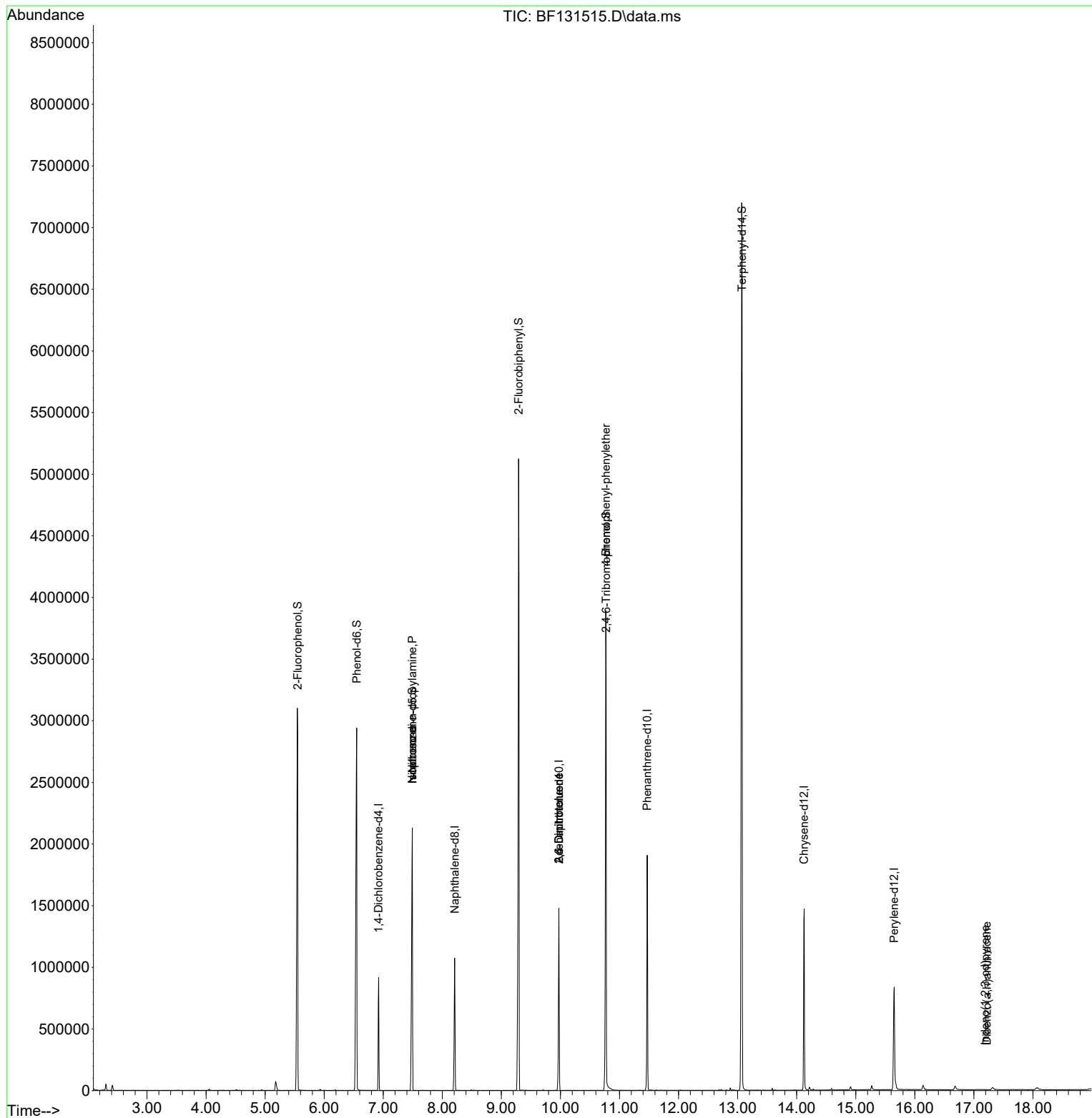
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	130839	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	486765	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	295649	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	709636	20.000	ng	0.00
76) Chrysene-d12	14.127	240	564398	20.000	ng	0.00
86) Perylene-d12	15.651	264	444940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1081767	141.190	ng	0.02
7) Phenol-d6	6.551	99	1275147	133.277	ng	0.00
23) Nitrobenzene-d5	7.492	82	822075	77.512	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	587776	174.603	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1905000	84.529	ng	0.00
79) Terphenyl-d14	13.074	244	3105921	83.106	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	113284	17.495	ng	# 77
25) Isophorone	7.492	82	820664	49.744	ng	# 67
51) 2,6-Dinitrotoluene	9.975	165	38688	8.473	ng	# 20
57) 2,4-Dinitrotoluene	9.975	165	38688	6.458	ng	# 15
67) 4-Bromophenyl-phenylether	10.769	248	37124	4.181	ng	# 1
77) Benzidine	12.815	184	2806	Below Cal		# 87
85) Di-n-octyl phthalate	14.721	149	936	Below Cal		# 91
87) Indeno(1,2,3-cd)pyrene	17.192	276	1686	3.069	ng	# 63
91) Dibenzo(a,h)anthracene	17.221	278	1213	3.525	ng	# 58

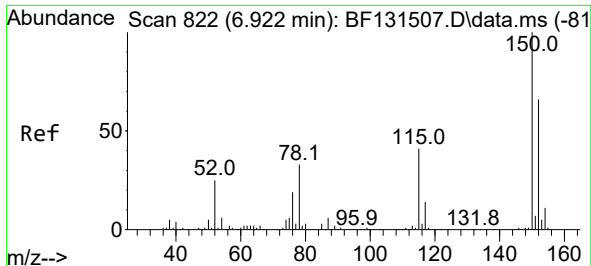
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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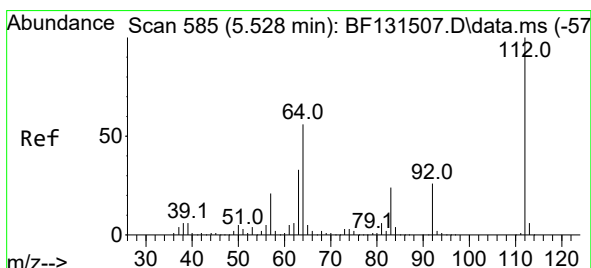
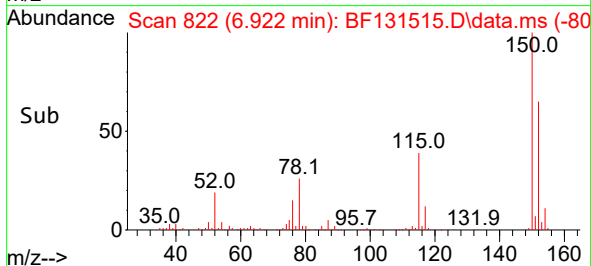
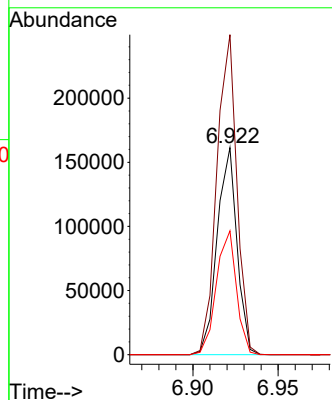
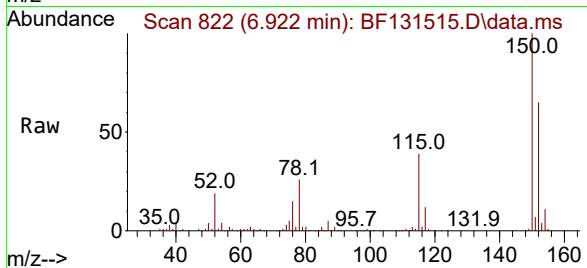




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131515.D
 Acq: 05 Dec 2022 23:28

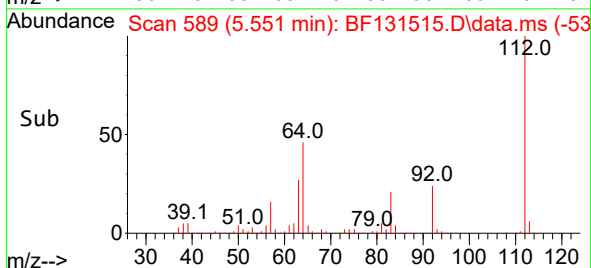
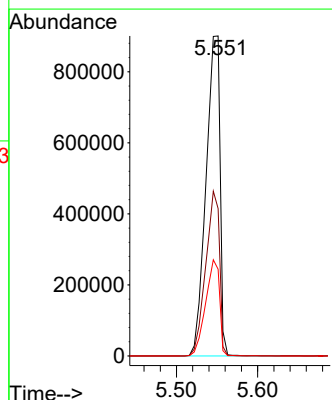
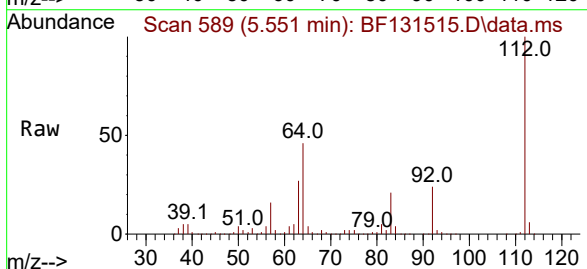
Instrument :
 BNA_F
 ClientSampleId :
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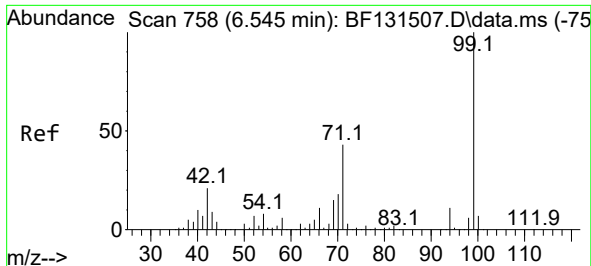
Tgt Ion:152 Resp: 130839
 Ion Ratio Lower Upper
 152 100
 150 154.6 121.9 182.9
 115 59.8 50.4 75.6



#5
 2-Fluorophenol
 Concen: 141.190 ng
 RT: 5.551 min Scan# 589
 Delta R.T. 0.024 min
 Lab File: BF131515.D
 Acq: 05 Dec 2022 23:28

Tgt Ion:112 Resp: 1081767
 Ion Ratio Lower Upper
 112 100
 64 46.1 44.5 66.7
 63 27.1 26.7 40.1

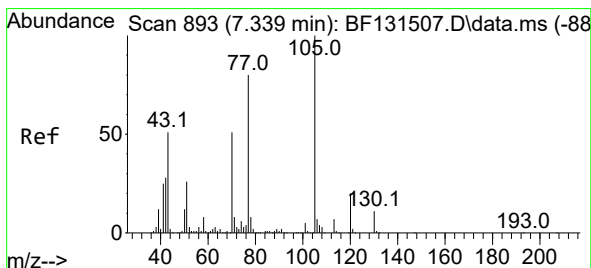
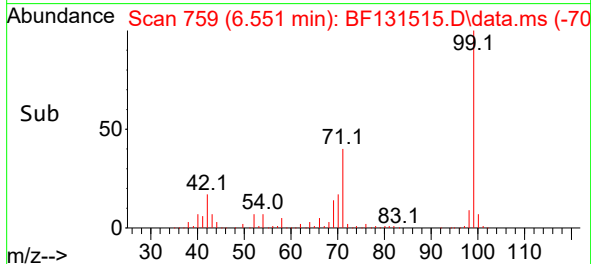
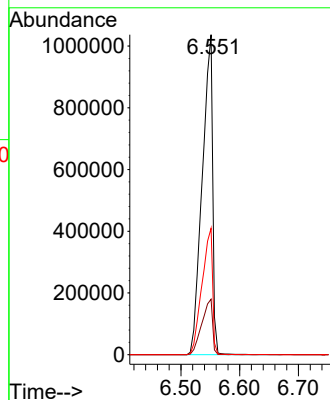
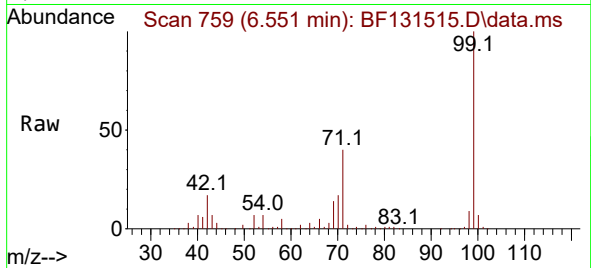




#7
Phenol-d6
Concen: 133.277 ng
RT: 6.551 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

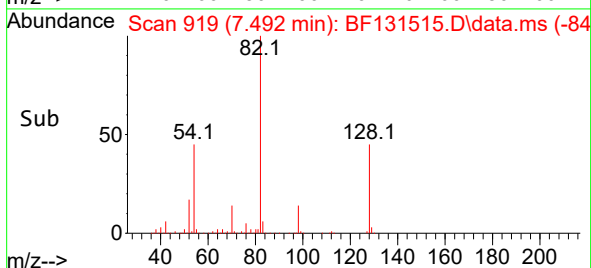
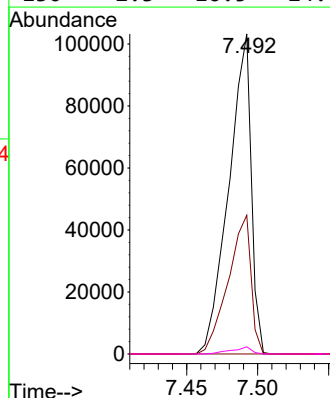
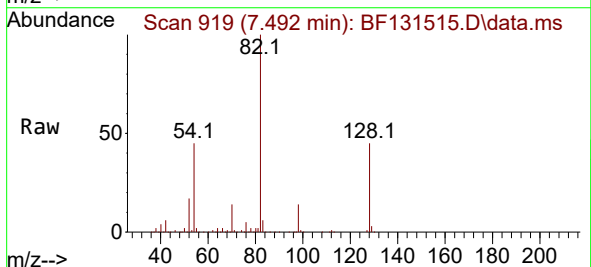
Instrument :
BNA_F
ClientSampleId :
PB149384BL

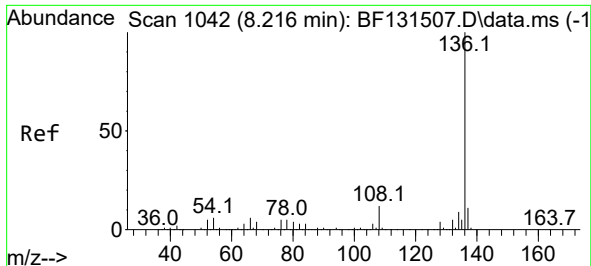
Tgt Ion: 99 Resp: 1275147
Ion Ratio Lower Upper
99 100
42 17.4 16.6 25.0
71 39.5 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.495 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.153 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

Tgt Ion: 70 Resp: 113284
Ion Ratio Lower Upper
70 100
42 43.3 44.1 66.1#
101 0.0 7.7 11.5#
130 2.3 16.5 24.7#

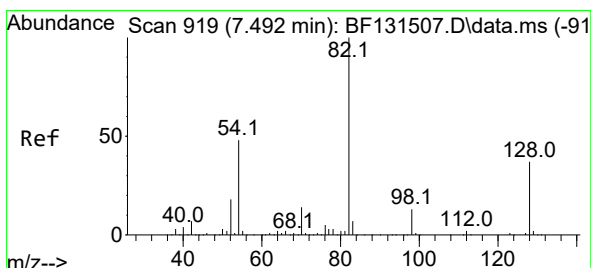
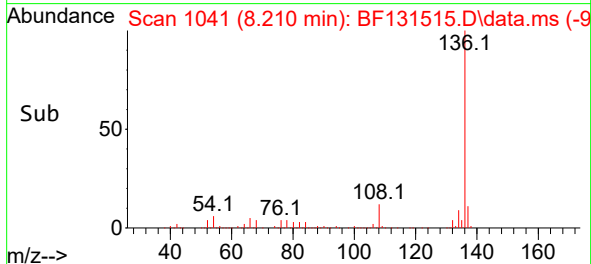
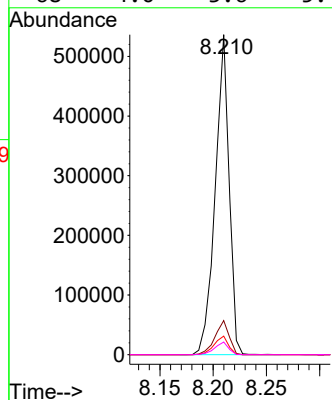
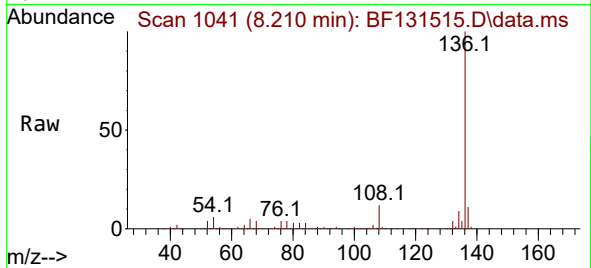




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

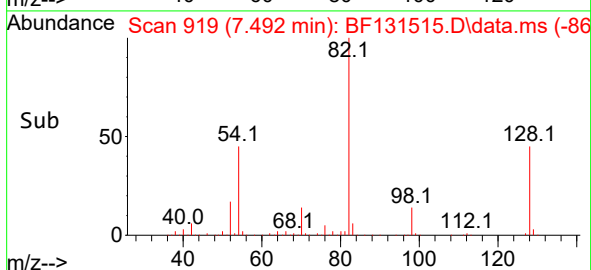
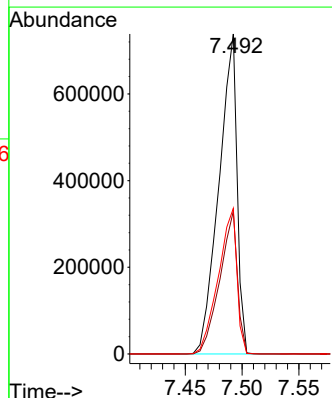
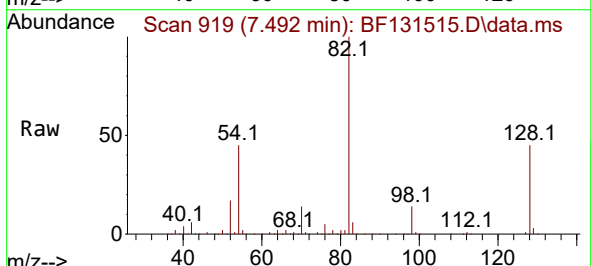
Instrument :
BNA_F
ClientSampleId :
PB149384BL

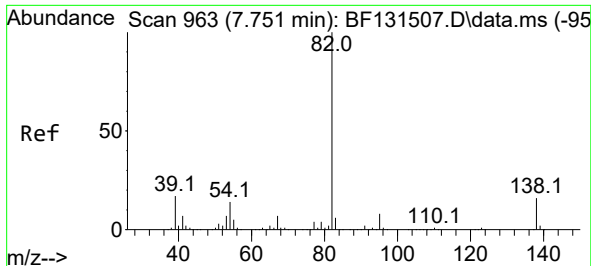
Tgt Ion:136 Resp: 486765
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 5.8 5.0 7.6
68 4.0 3.6 5.4



#23
Nitrobenzene-d5
Concen: 77.512 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

Tgt Ion: 82 Resp: 822075
Ion Ratio Lower Upper
82 100
128 44.6 29.7 44.5#
54 45.5 38.7 58.1

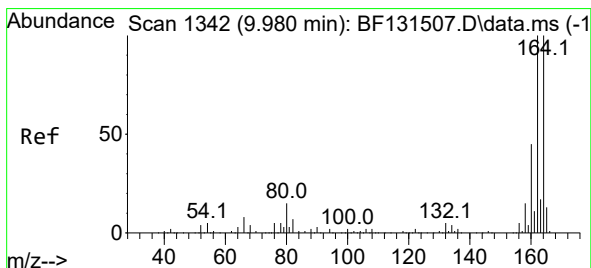
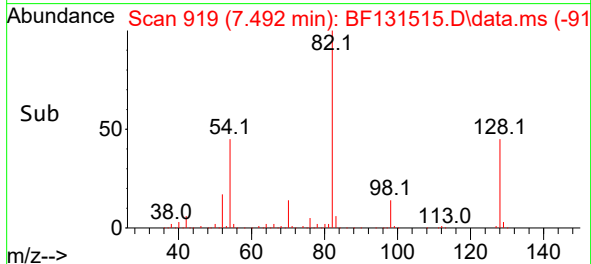
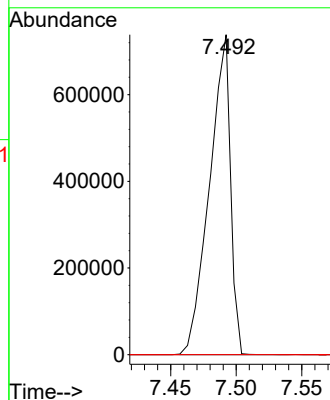
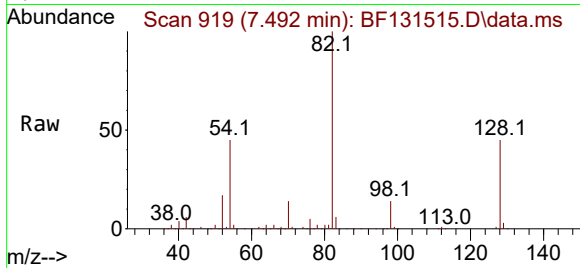




#25
Isophorone
Concen: 49.744 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

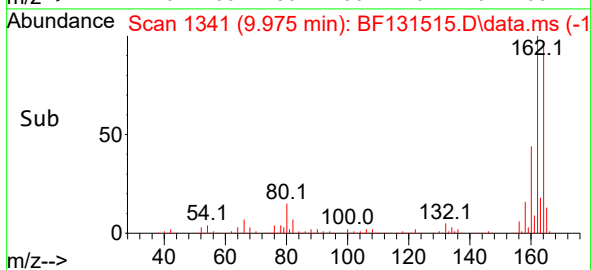
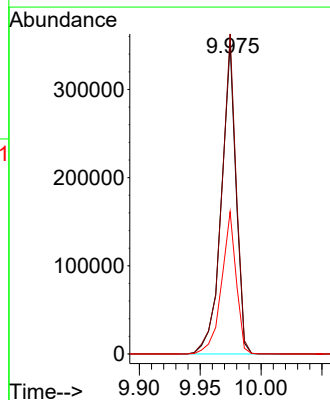
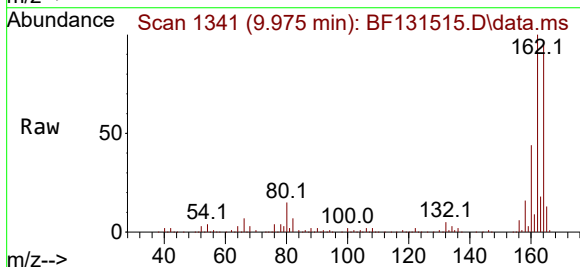
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ClientSampleId :
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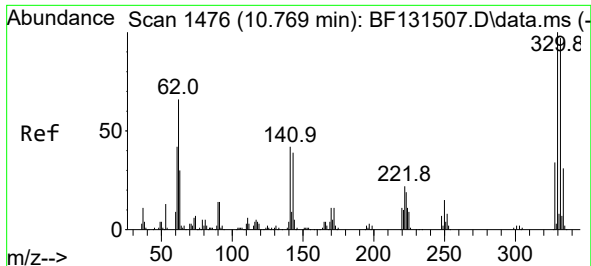
Tgt Ion: 82 Resp: 820664
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

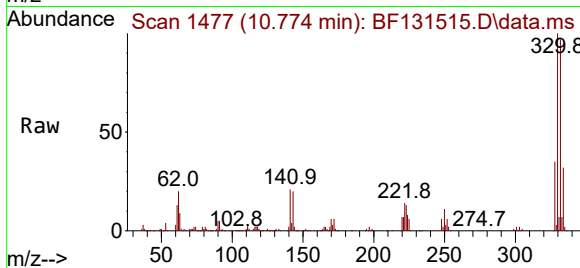
Tgt Ion:164 Resp: 295649
Ion Ratio Lower Upper
164 100
162 103.3 80.1 120.1
160 45.9 36.4 54.6



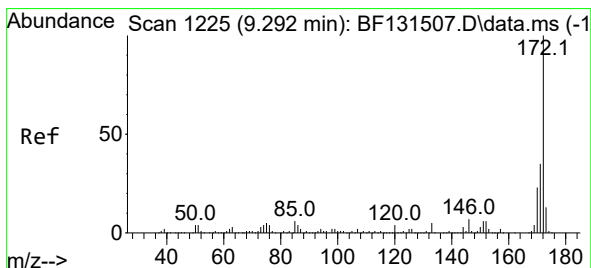
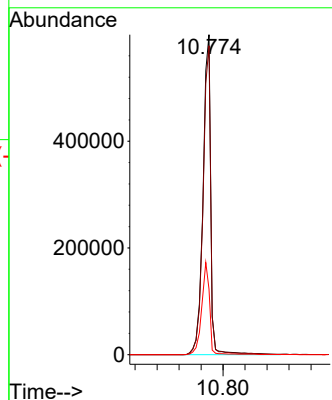
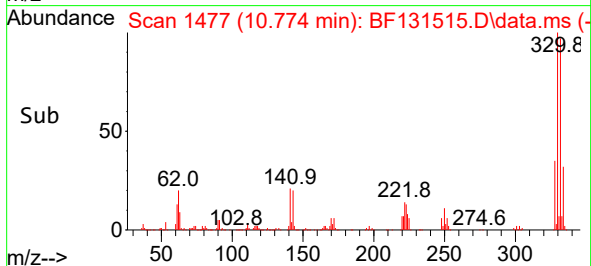


#42
2,4,6-Tribromophenol
Concen: 174.603 ng
RT: 10.774 min Scan# 1476
Delta R.T. 0.005 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

Instrument :
BNA_F
ClientSampleId :
PB149384BL

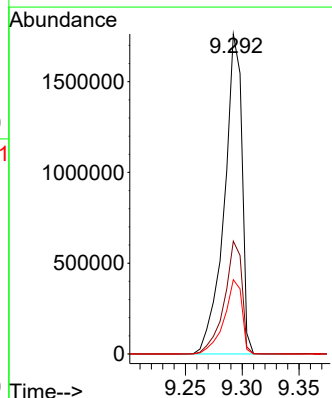
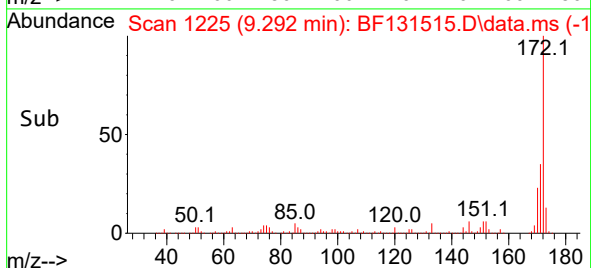
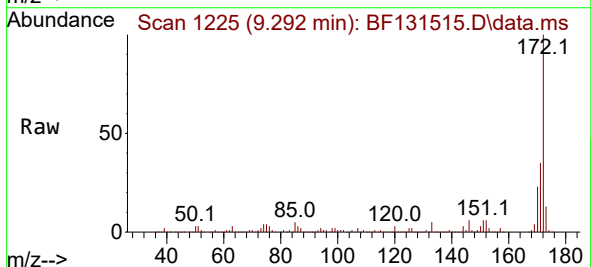


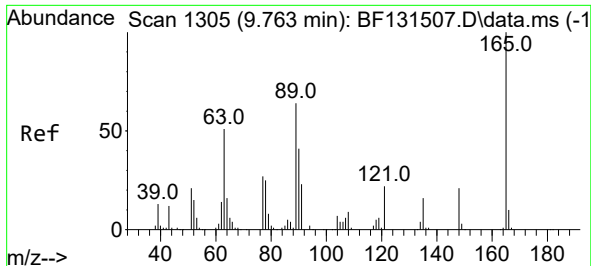
Tgt Ion:330 Resp: 587776
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.2
141 29.0 29.1 43.7#



#45
2-Fluorobiphenyl
Concen: 84.529 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.000 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

Tgt Ion:172 Resp: 1905000
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.2 18.7 28.1

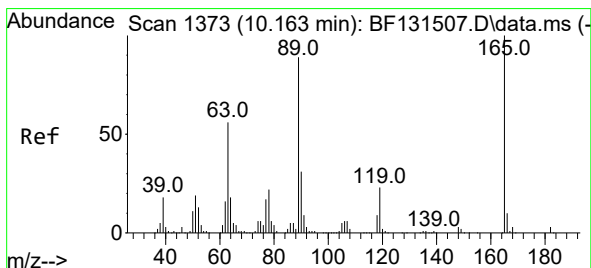
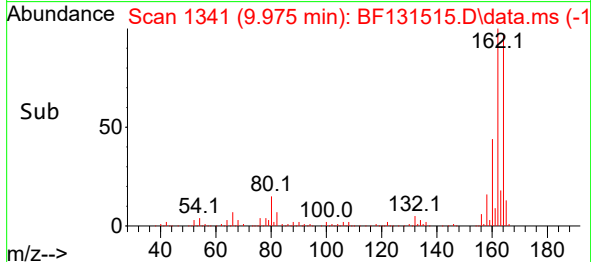
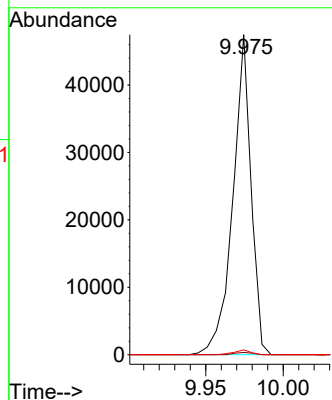
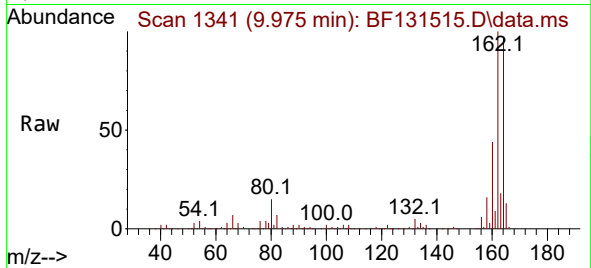




#51
2,6-Dinitrotoluene
Concen: 8.473 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

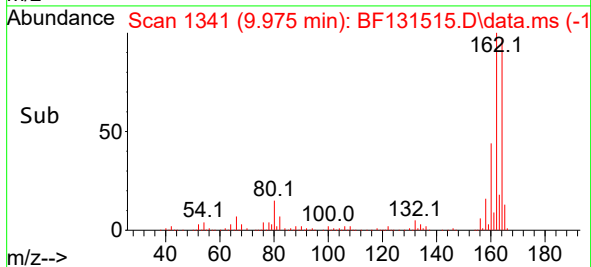
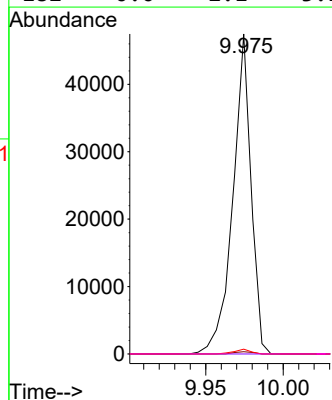
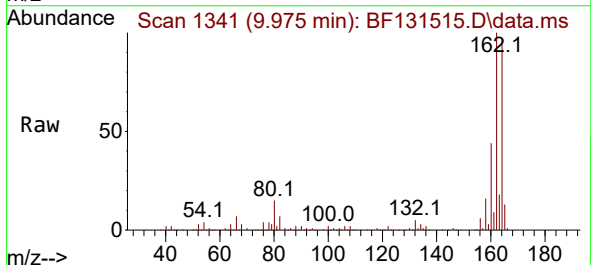
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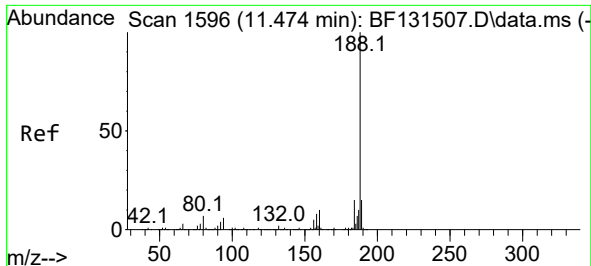
Tgt Ion:165 Resp: 38688
Ion Ratio Lower Upper
165 100
63 0.7 50.1 75.1#
89 1.5 51.3 76.9#



#57
2,4-Dinitrotoluene
Concen: 6.458 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.188 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

Tgt Ion:165 Resp: 38688
Ion Ratio Lower Upper
165 100
63 0.7 45.3 67.9#
89 1.5 71.0 106.4#
182 0.0 2.1 3.1#

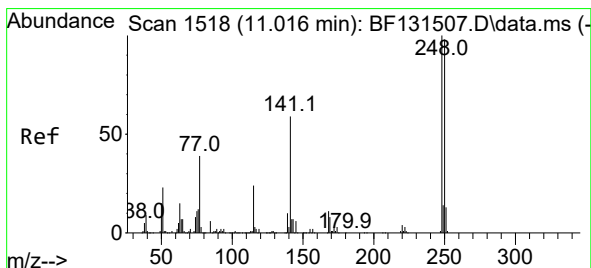
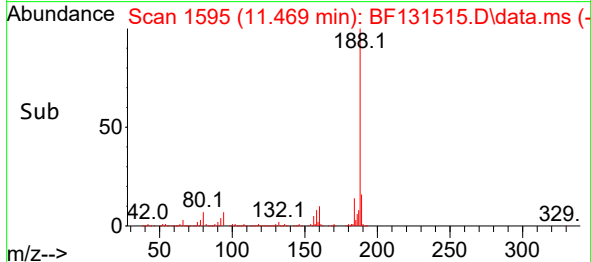
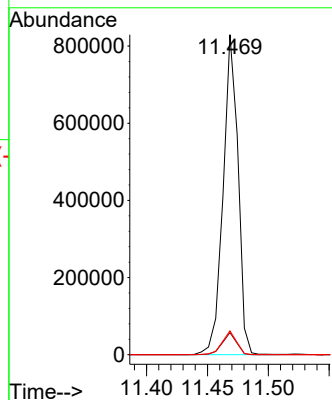
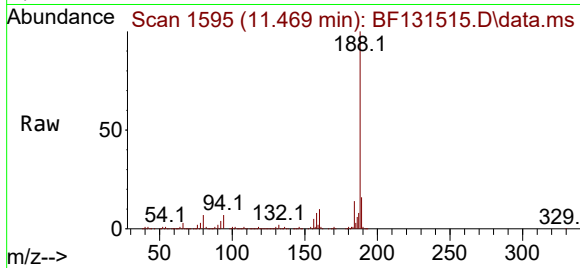




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

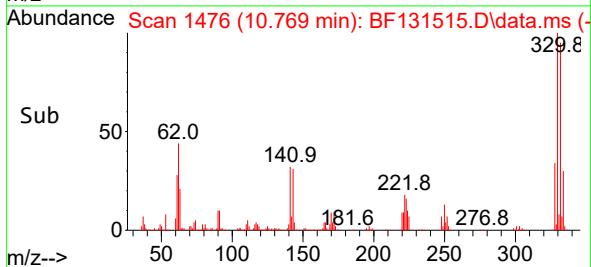
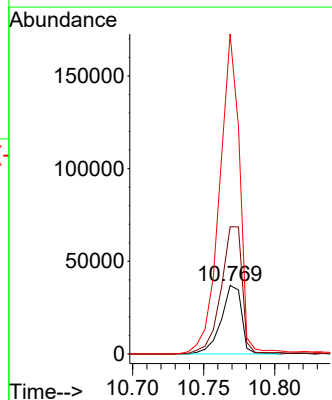
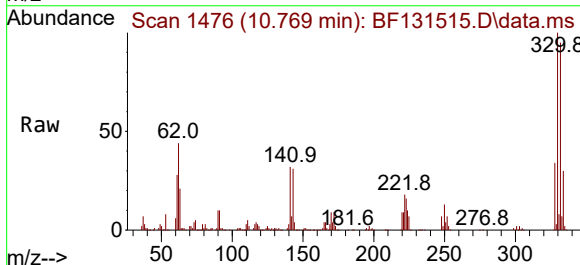
Instrument :
BNA_F
ClientSampleId :
PB149384BL

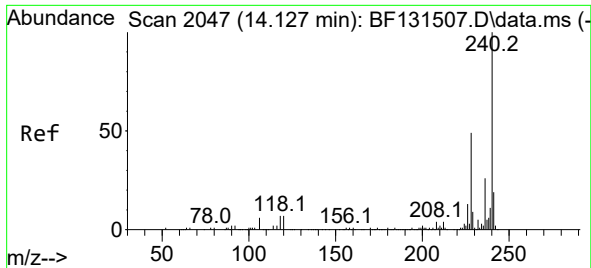
Tgt Ion:188 Resp: 709636
Ion Ratio Lower Upper
188 100
94 6.9 5.1 7.7
80 7.5 5.9 8.9



#67
4-Bromophenyl-phenylether
Concen: 4.181 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.247 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

Tgt Ion:248 Resp: 37124
Ion Ratio Lower Upper
248 100
250 185.8 78.6 117.8#
141 467.4 47.1 70.7#

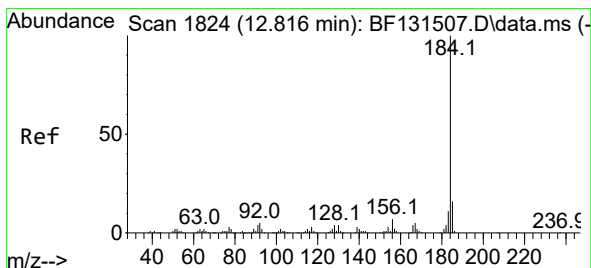
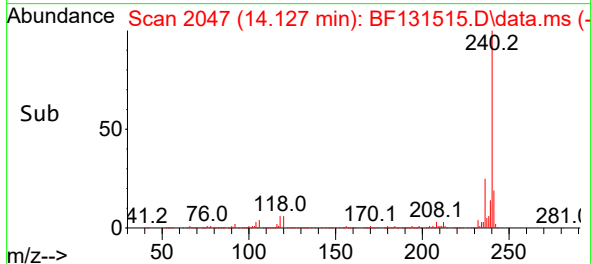
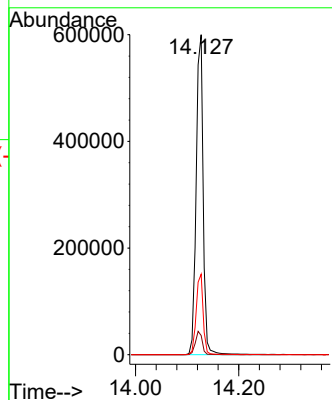
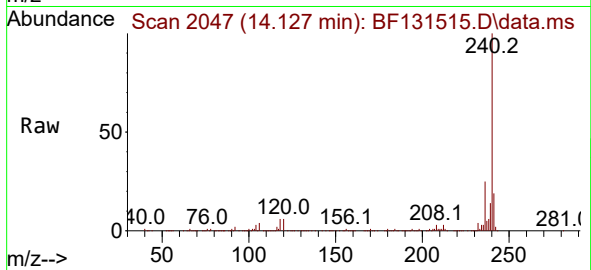




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

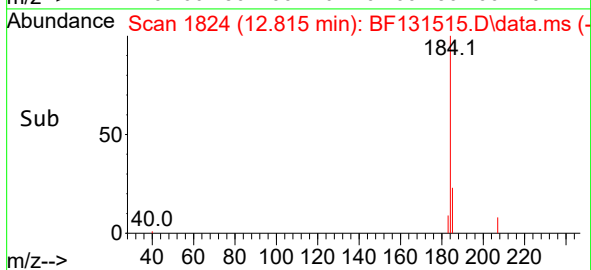
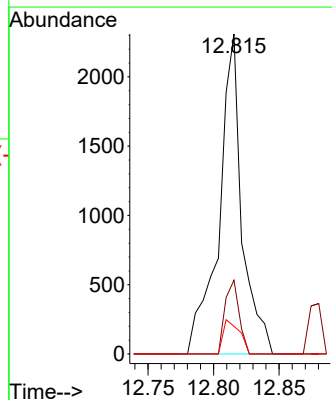
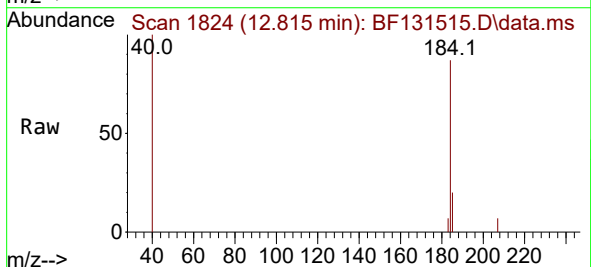
Instrument :
BNA_F
ClientSampleId :
PB149384BL

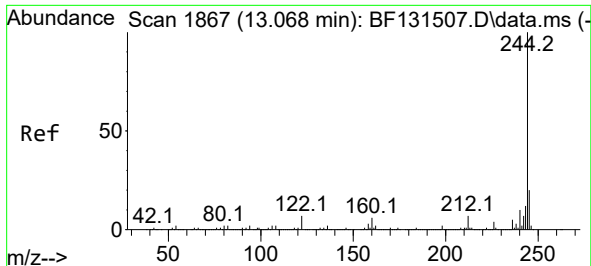
Tgt Ion:240 Resp: 564398
Ion Ratio Lower Upper
240 100
120 6.0 5.6 8.4
236 25.2 20.6 31.0



#77
Benzidine
Concen: Below Cal
RT: 12.815 min Scan# 1824
Delta R.T. -0.001 min
Lab File: BF131515.D
Acq: 05 Dec 2022 23:28

Tgt Ion:184 Resp: 2806
Ion Ratio Lower Upper
184 100
185 23.1 12.6 19.0#
183 8.7 9.0 13.4#

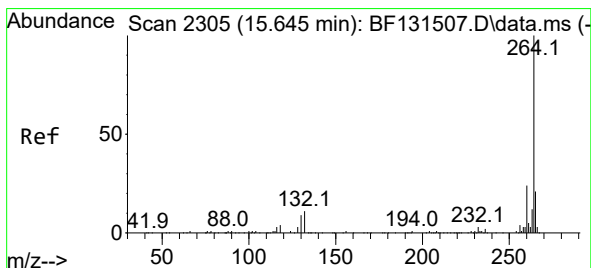
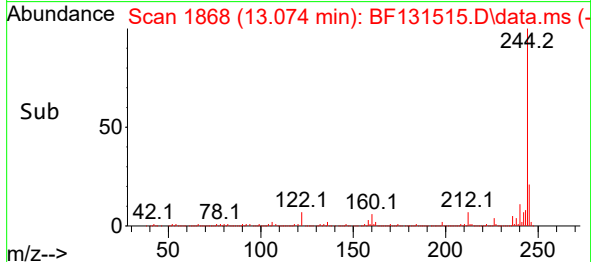
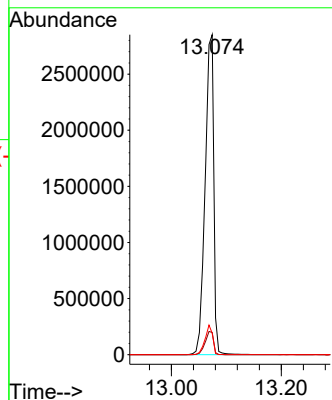
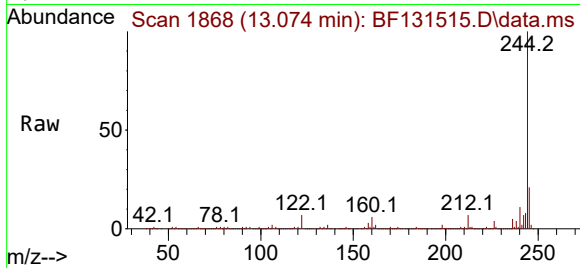




#79
 Terphenyl-d14
 Concen: 83.106 ng
 RT: 13.074 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: BF131515.D
 Acq: 05 Dec 2022 23:28

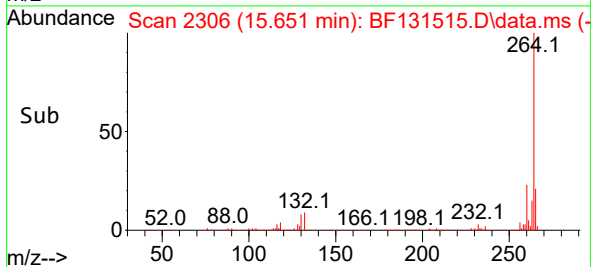
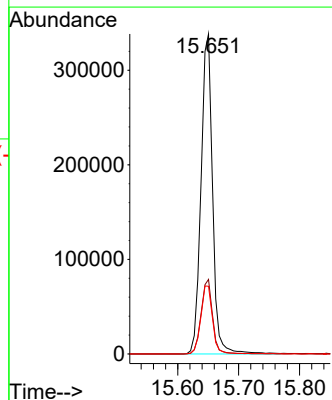
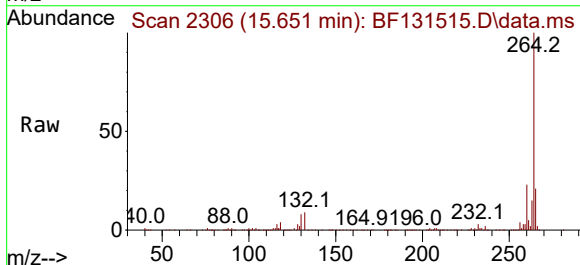
Instrument :
 BNA_F
 ClientSampleId :
 PB149384BL

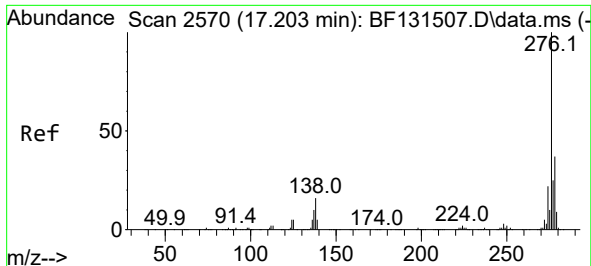
Tgt Ion:244 Resp: 3105921
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 6.7 5.4 8.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.651 min Scan# 2306
 Delta R.T. 0.006 min
 Lab File: BF131515.D
 Acq: 05 Dec 2022 23:28

Tgt Ion:264 Resp: 444940
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.1 17.0 25.4

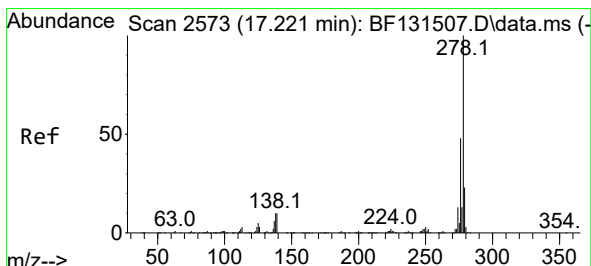
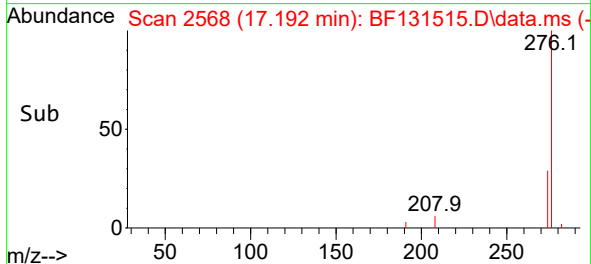
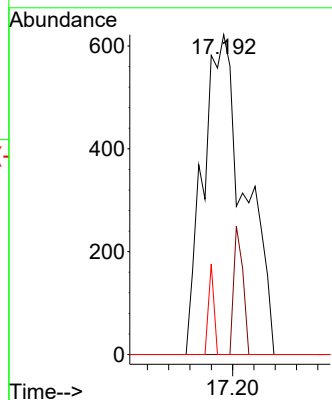
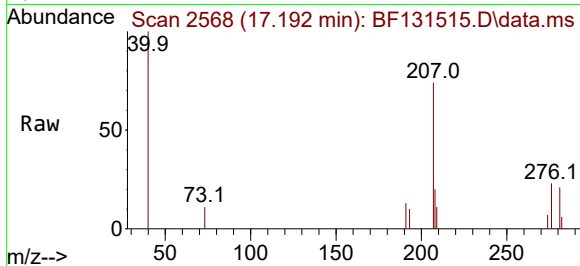




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.069 ng
 RT: 17.192 min Scan# 2568
 Delta R.T. -0.011 min
 Lab File: BF131515.D
 Acq: 05 Dec 2022 23:28

Instrument :
 BNA_F
 ClientSampleId :
 PB149384BL

Tgt Ion:276 Resp: 1686
 Ion Ratio Lower Upper
 276 100
 138 8.7 13.2 19.8#
 277 0.0 19.6 29.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.525 ng
 RT: 17.221 min Scan# 2573
 Delta R.T. 0.000 min
 Lab File: BF131515.D
 Acq: 05 Dec 2022 23:28

Tgt Ion:278 Resp: 1213
 Ion Ratio Lower Upper
 278 100
 139 0.0 8.4 12.6#
 279 0.0 18.8 28.2#

