

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135015.D
 Acq On : 30 Aug 2023 20:57
 Operator : CG\JU
 Sample : PB155174BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155174BL

Quant Time: Aug 31 05:57:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

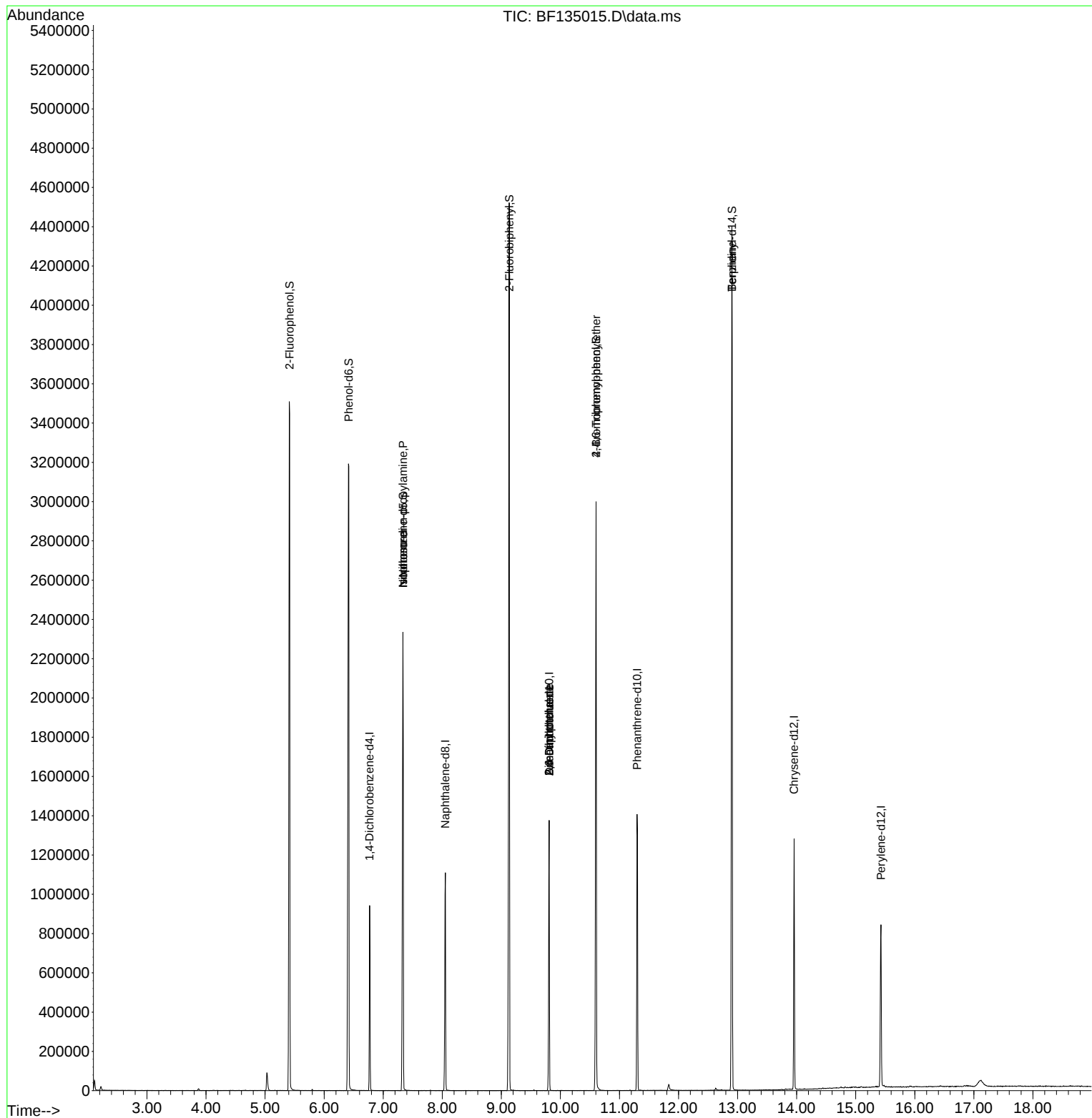
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	129238	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	527664	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	274379	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	535660	20.000	ng	#-0.01
76) Chrysene-d12	13.957	240	398320	20.000	ng	0.00
86) Perylene-d12	15.427	264	372826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1099425	131.400	ng	0.02
7) Phenol-d6	6.416	99	1354535	129.883	ng	0.00
23) Nitrobenzene-d5	7.334	82	849404	90.437	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	391583	134.538	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1503390	89.208	ng	0.00
79) Terphenyl-d14	12.904	244	1799325	73.718	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.334	70	114867	18.543	ng	# 78
25) Isophorone	7.334	82	846444	47.533	ng	# 65
50) Dimethylphthalate	9.810	163	57112	2.973	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	35623	8.450	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	35623	6.781	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	24226	4.264	ng	# 1
77) Benzidine	12.904	184	22322	3.109	ng	# 93

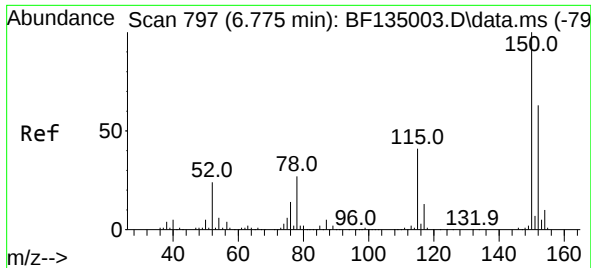
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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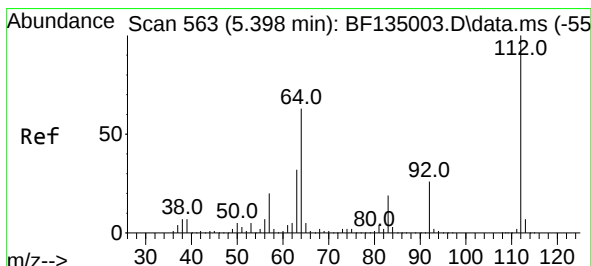
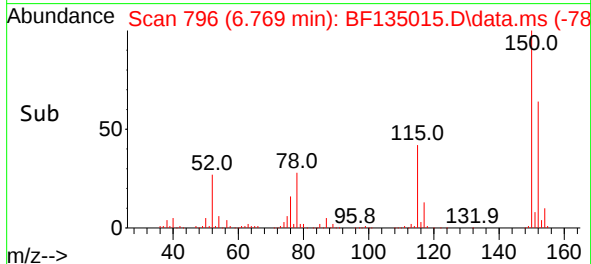
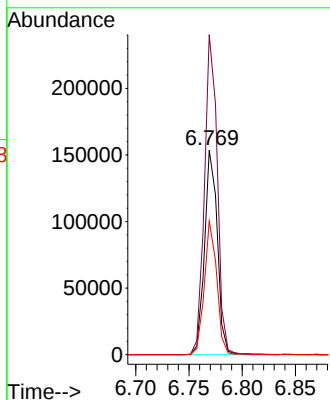
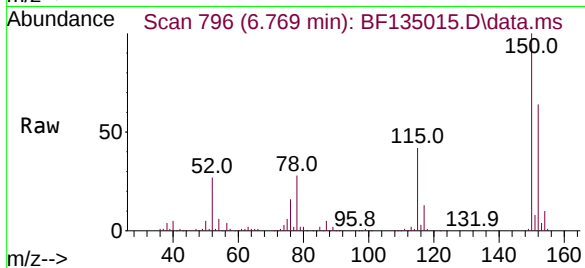




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF135015.D
 Acq: 30 Aug 2023 20:57

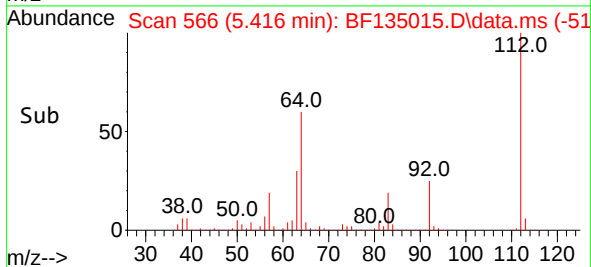
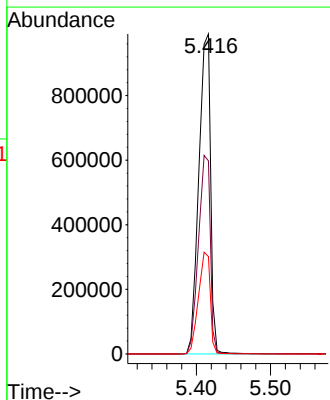
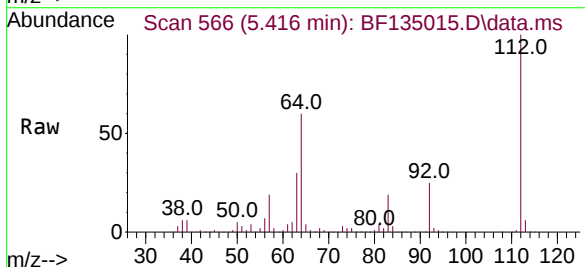
Instrument :
 BNA_F
 ClientSampleId :
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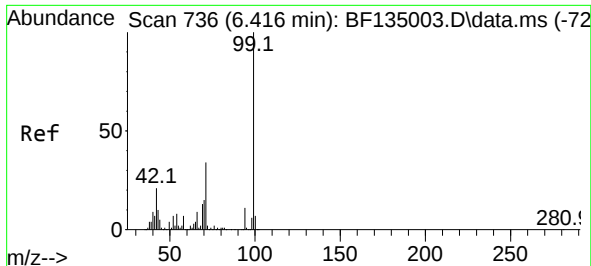
Tgt Ion:152 Resp: 129238
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.4
 115 65.3 51.2 76.8



#5
 2-Fluorophenol
 Concen: 131.400 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.018 min
 Lab File: BF135015.D
 Acq: 30 Aug 2023 20:57

Tgt Ion:112 Resp: 1099425
 Ion Ratio Lower Upper
 112 100
 64 60.3 50.5 75.7
 63 30.5 25.9 38.9

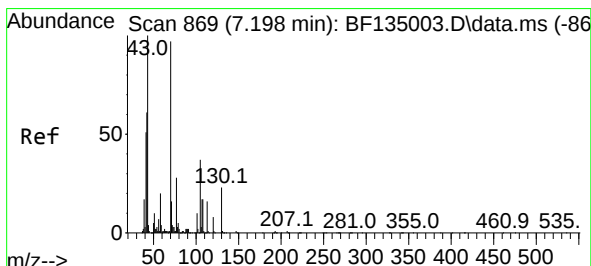
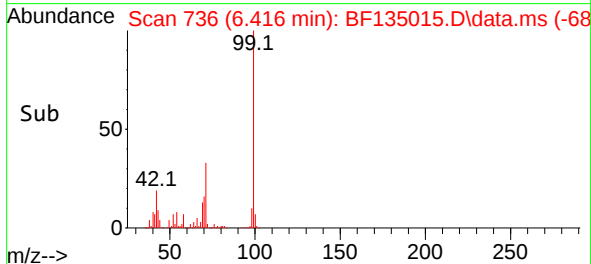
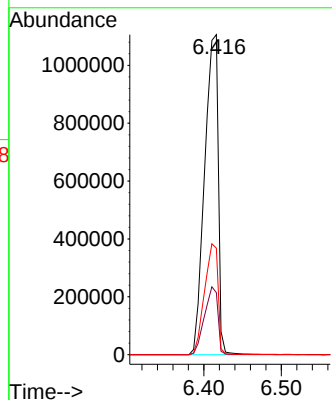
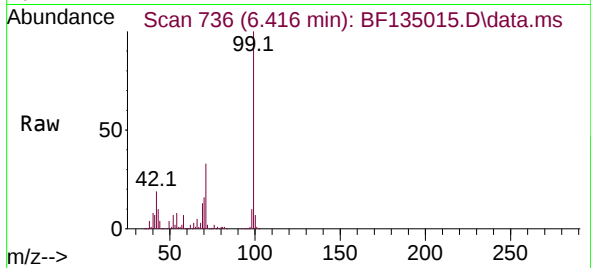




#7
Phenol-d6
Concen: 129.883 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

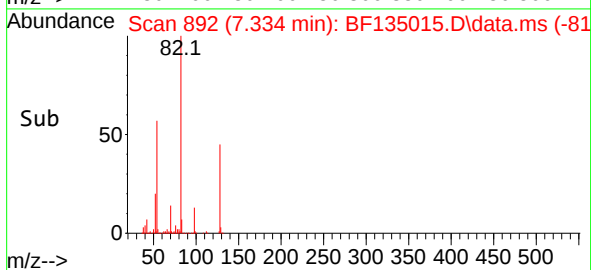
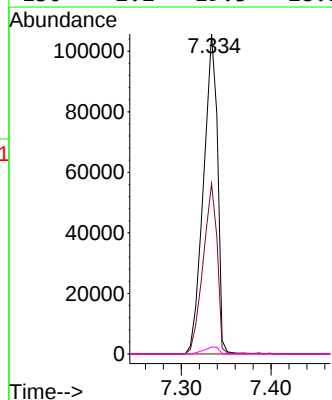
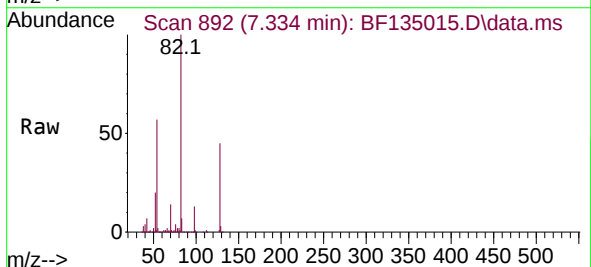
Instrument :
BNA_F
ClientSampleId :
PB155174BL

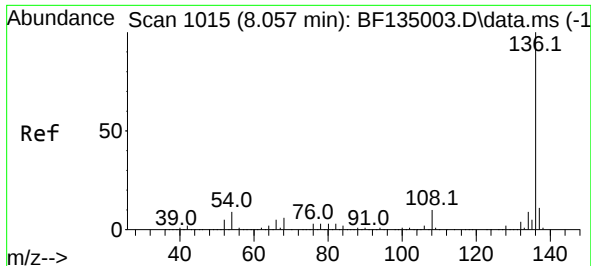
Tgt Ion: 99 Resp: 1354535
Ion Ratio Lower Upper
99 100
42 19.4 16.6 25.0
71 33.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.543 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

Tgt Ion: 70 Resp: 114867
Ion Ratio Lower Upper
70 100
42 53.2 50.2 75.4
101 0.0 8.1 12.1#
130 2.2 19.3 28.9#

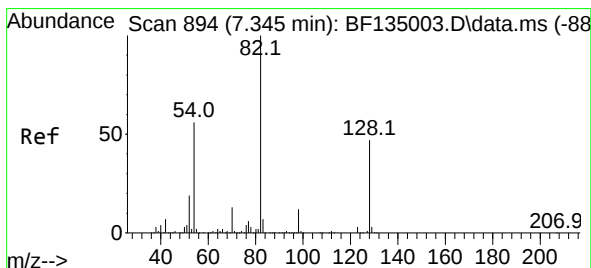
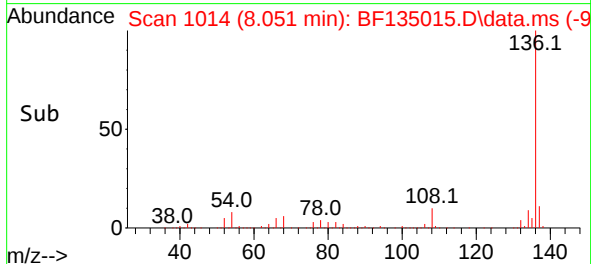
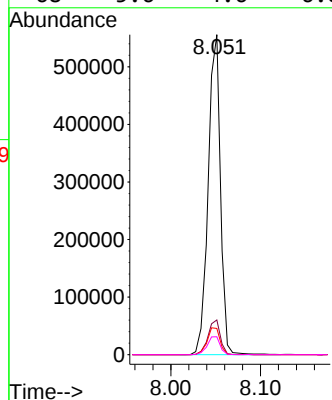
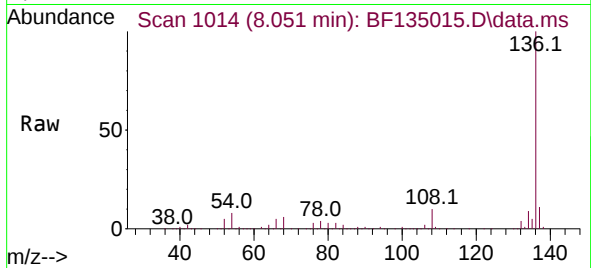




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

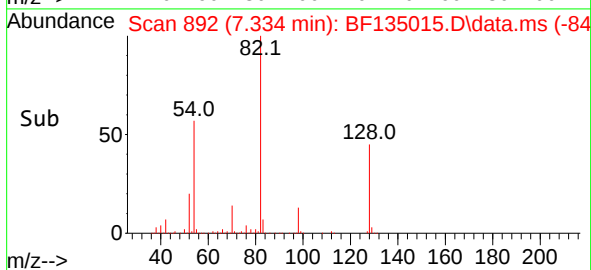
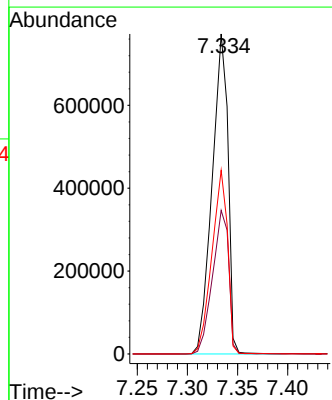
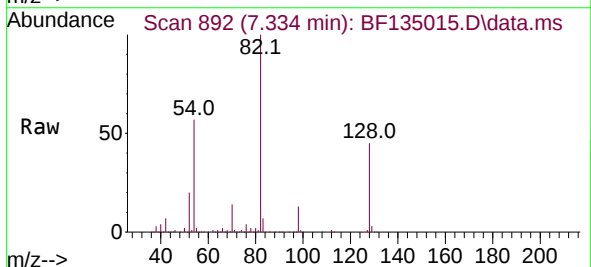
Instrument :
BNA_F
ClientSampleId :
PB155174BL

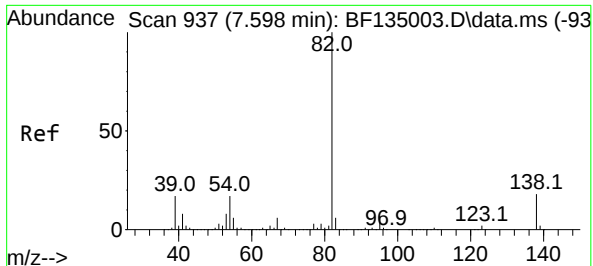
Tgt Ion:	136	Resp:	527664
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	7.0	10.4
68	5.6	4.6	6.8



#23
Nitrobenzene-d5
Concen: 90.437 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

Tgt Ion:	82	Resp:	849404
Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.8	56.8
54	57.4	45.0	67.6

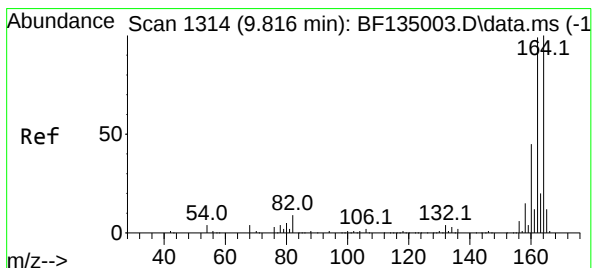
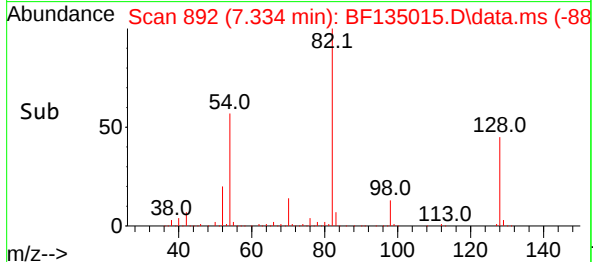
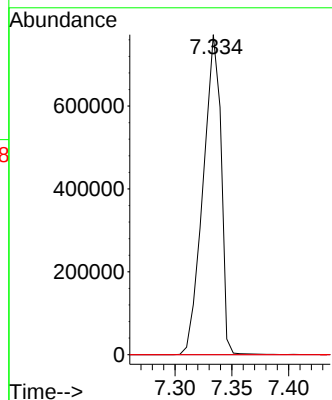
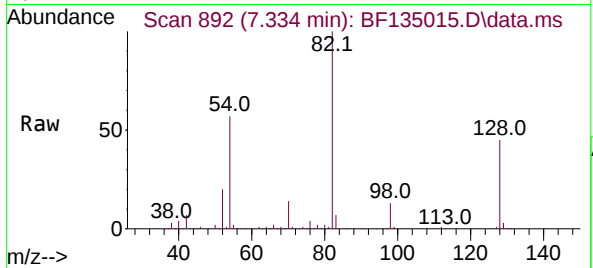




#25
Isophorone
Concen: 47.533 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

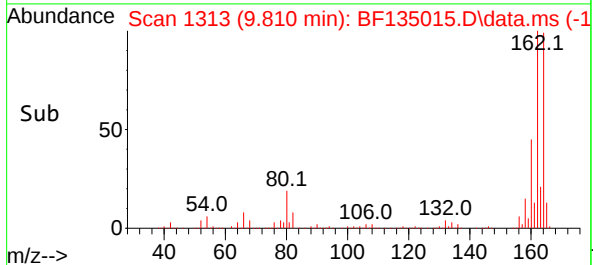
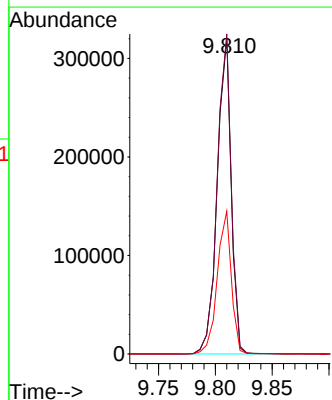
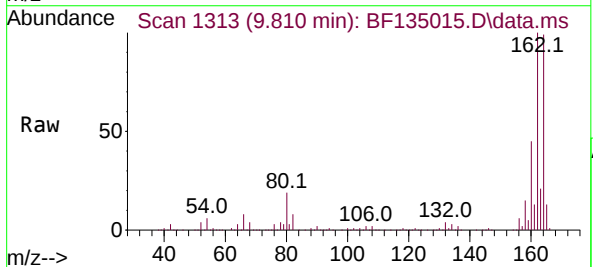
Instrument :
BNA_F
ClientSampleId :
PB155174BL

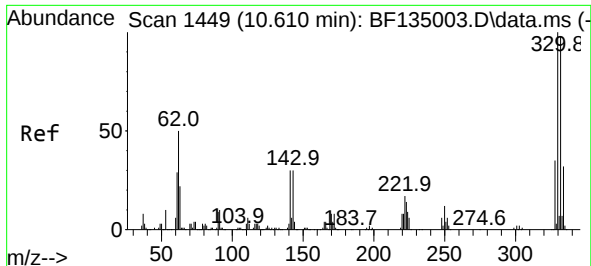
Tgt Ion: 82 Resp: 846444
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

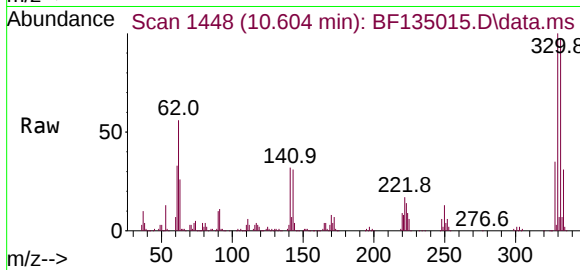
Tgt Ion:164 Resp: 274379
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 45.1 36.0 54.0





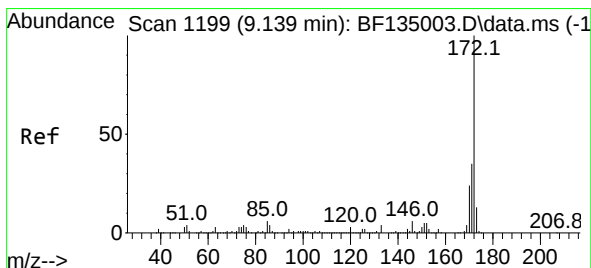
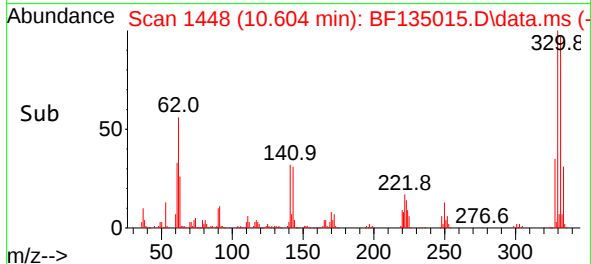
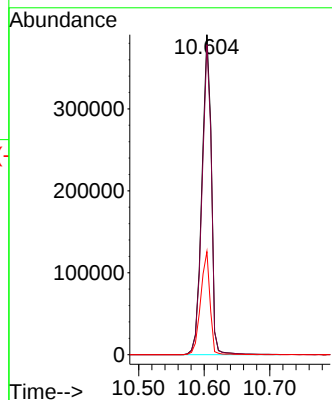
#42
 2,4,6-Tribromophenol
 Concen: 134.538 ng
 RT: 10.604 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: BF135015.D
 Acq: 30 Aug 2023 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB155174BL



Tgt Ion:330 Resp: 391583

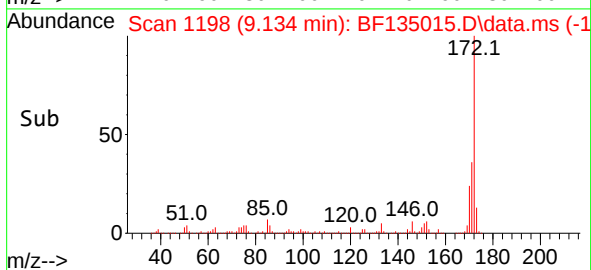
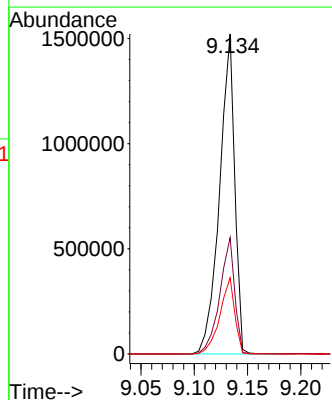
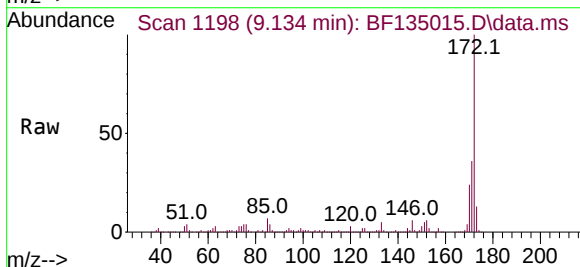
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	32.0	26.3	39.5

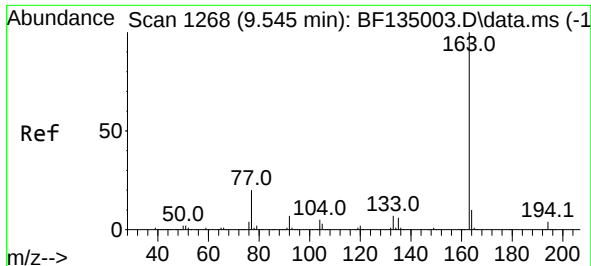


#45
 2-Fluorobiphenyl
 Concen: 89.208 ng
 RT: 9.134 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: BF135015.D
 Acq: 30 Aug 2023 20:57

Tgt Ion:172 Resp: 1503390

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.2	42.2
170	23.8	19.0	28.4

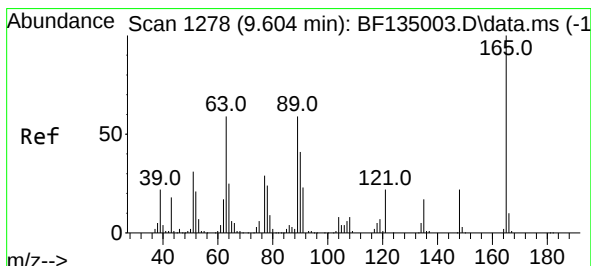
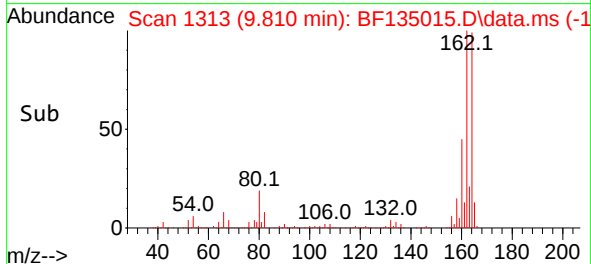
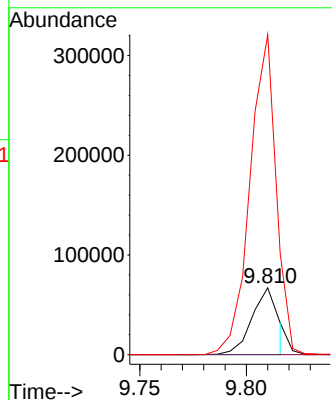
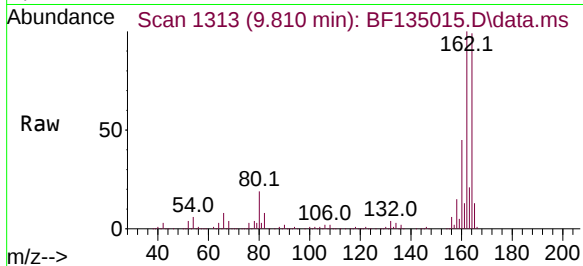




#50
Dimethylphthalate
Concen: 2.973 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

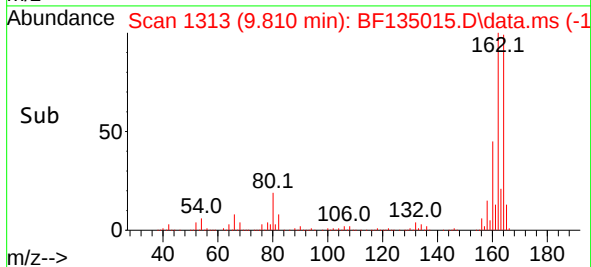
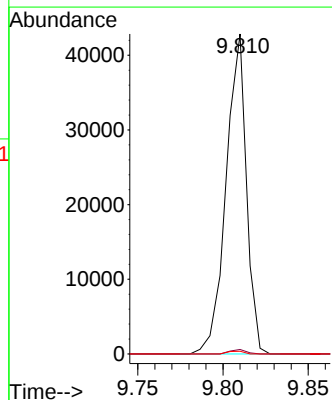
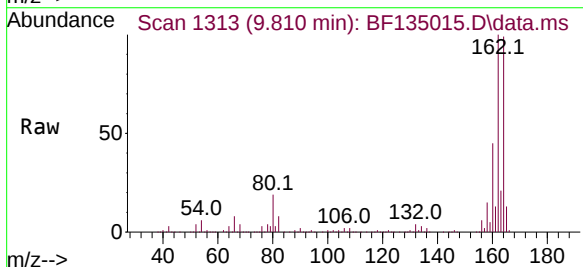
Instrument :
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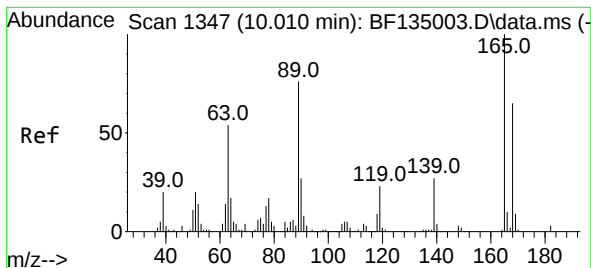
Tgt Ion:163 Resp: 57112
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 477.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.450 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

Tgt Ion:165 Resp: 35623
Ion Ratio Lower Upper
165 100
63 1.4 50.4 75.6#
89 0.9 47.1 70.7#

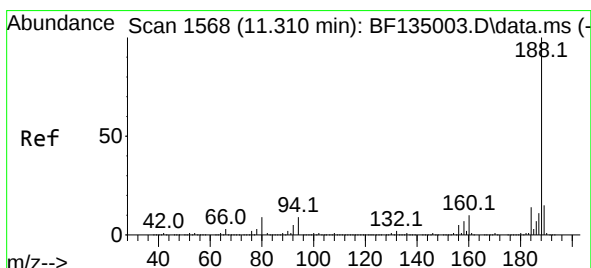
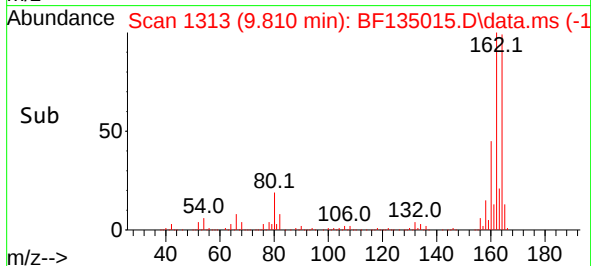
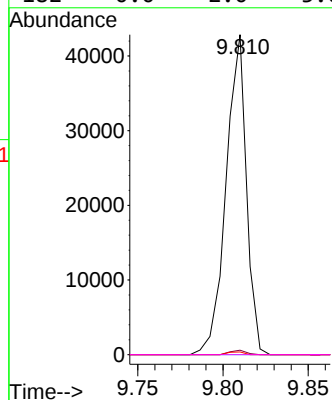
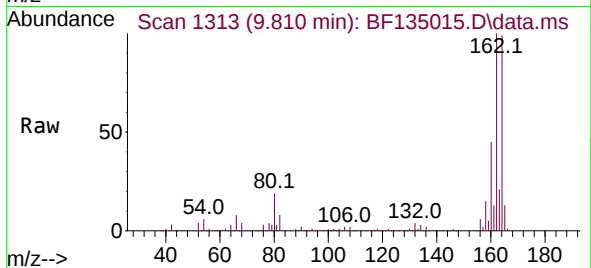




#57
2,4-Dinitrotoluene
Concen: 6.781 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

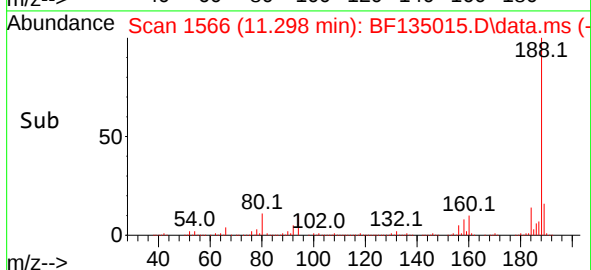
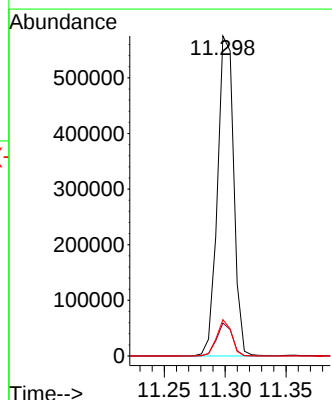
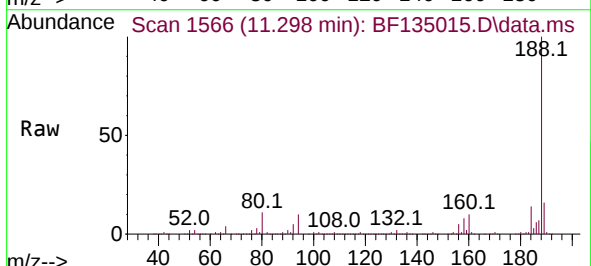
Instrument :
BNA_F
ClientSampleId :
PB155174BL

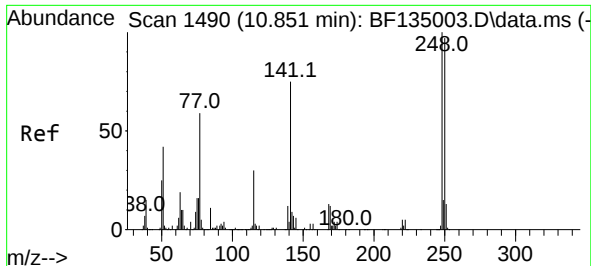
Tgt Ion:165 Resp: 35623
Ion Ratio Lower Upper
165 100
63 1.4 43.2 64.8#
89 0.9 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

Tgt Ion:188 Resp: 535660
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.4
80 11.4 7.4 11.2#

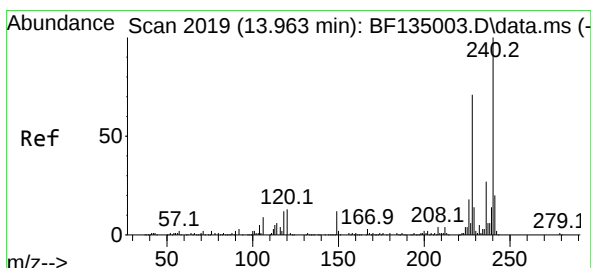
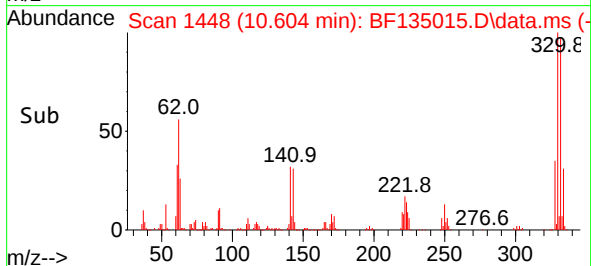
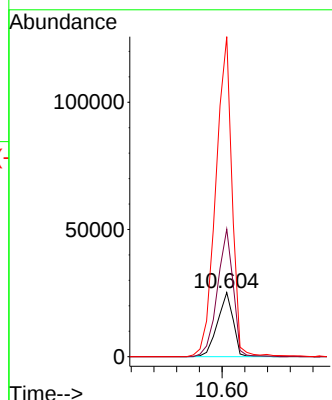
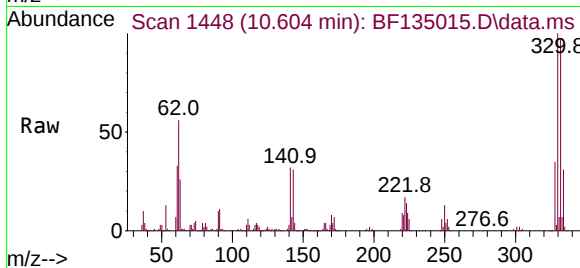




#67
4-Bromophenyl-phenylether
Concen: 4.264 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

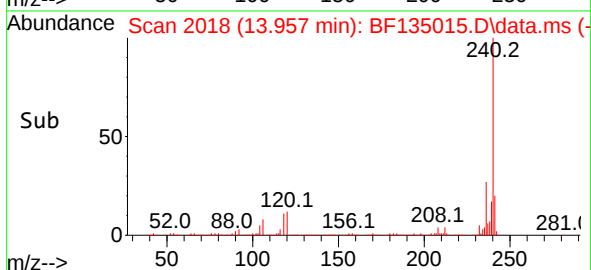
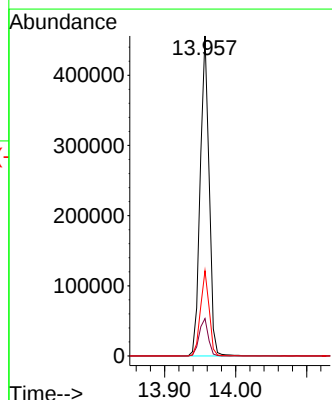
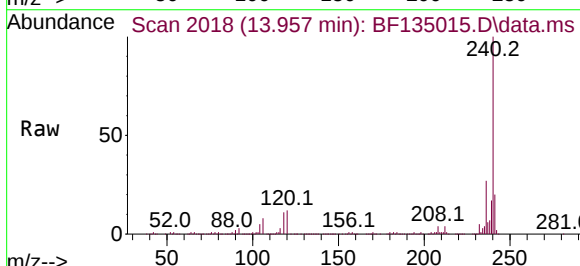
Instrument :
BNA_F
ClientSampleId :
PB155174BL

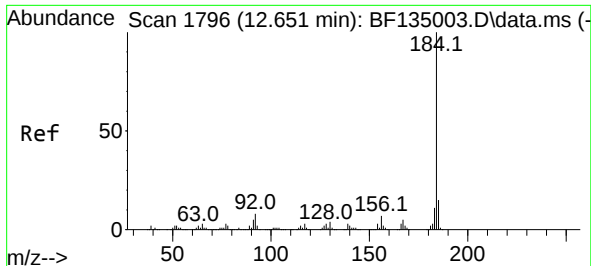
Tgt Ion:248 Resp: 24226
Ion Ratio Lower Upper
248 100
250 198.7 77.9 116.9#
141 498.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

Tgt Ion:240 Resp: 398320
Ion Ratio Lower Upper
240 100
120 11.7 10.2 15.2
236 26.6 21.3 31.9

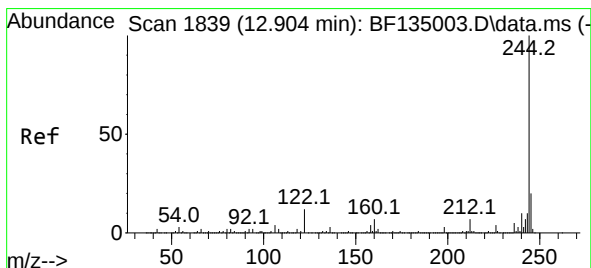
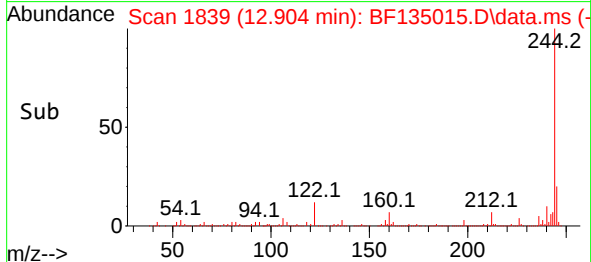
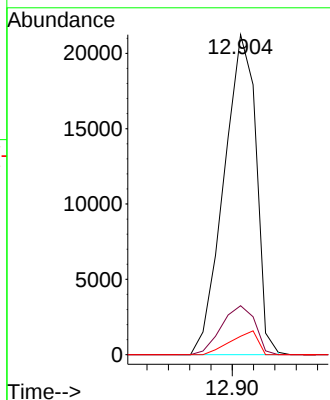
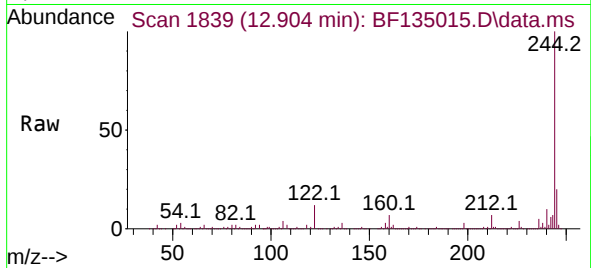




#77
Benzidine
Concen: 3.109 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.253 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

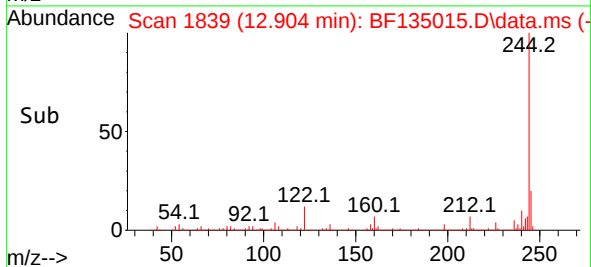
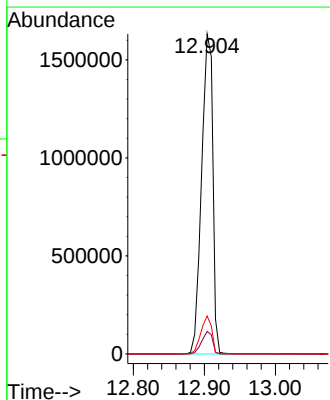
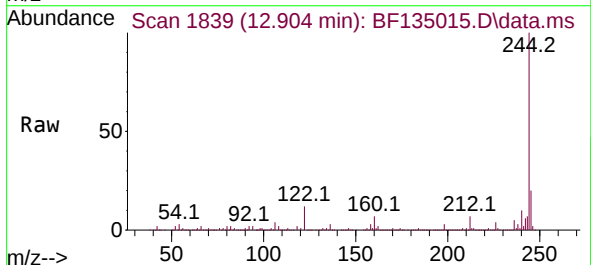
Instrument :
BNA_F
ClientSampleId :
PB155174BL

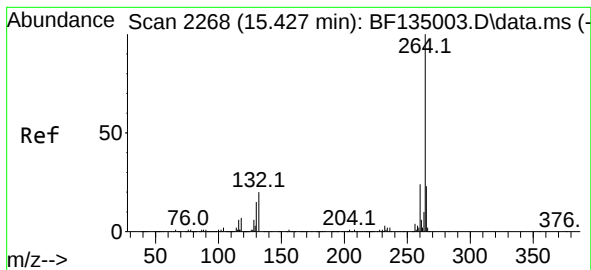
Tgt Ion:184 Resp: 22322
Ion Ratio Lower Upper
184 100
185 15.3 12.0 18.0
183 5.8 9.0 13.6#



#79
Terphenyl-d14
Concen: 73.718 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

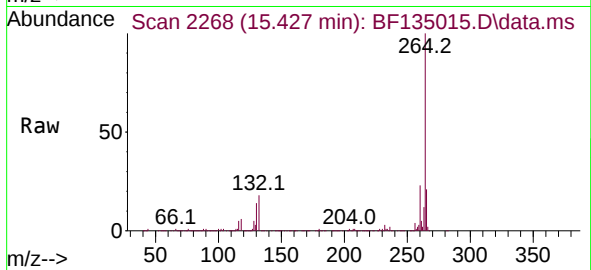
Tgt Ion:244 Resp: 1799325
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.9 9.8 14.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135015.D
Acq: 30 Aug 2023 20:57

Instrument :
BNA_F
ClientSampleId :
PB155174BL



Tgt Ion:	264	Resp:	372826
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	21.3	18.2	27.2

