

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135136.D
 Acq On : 07 Sep 2023 16:09
 Operator : CG\JU
 Sample : 04283-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Quant Time: Sep 07 17:18:18 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)

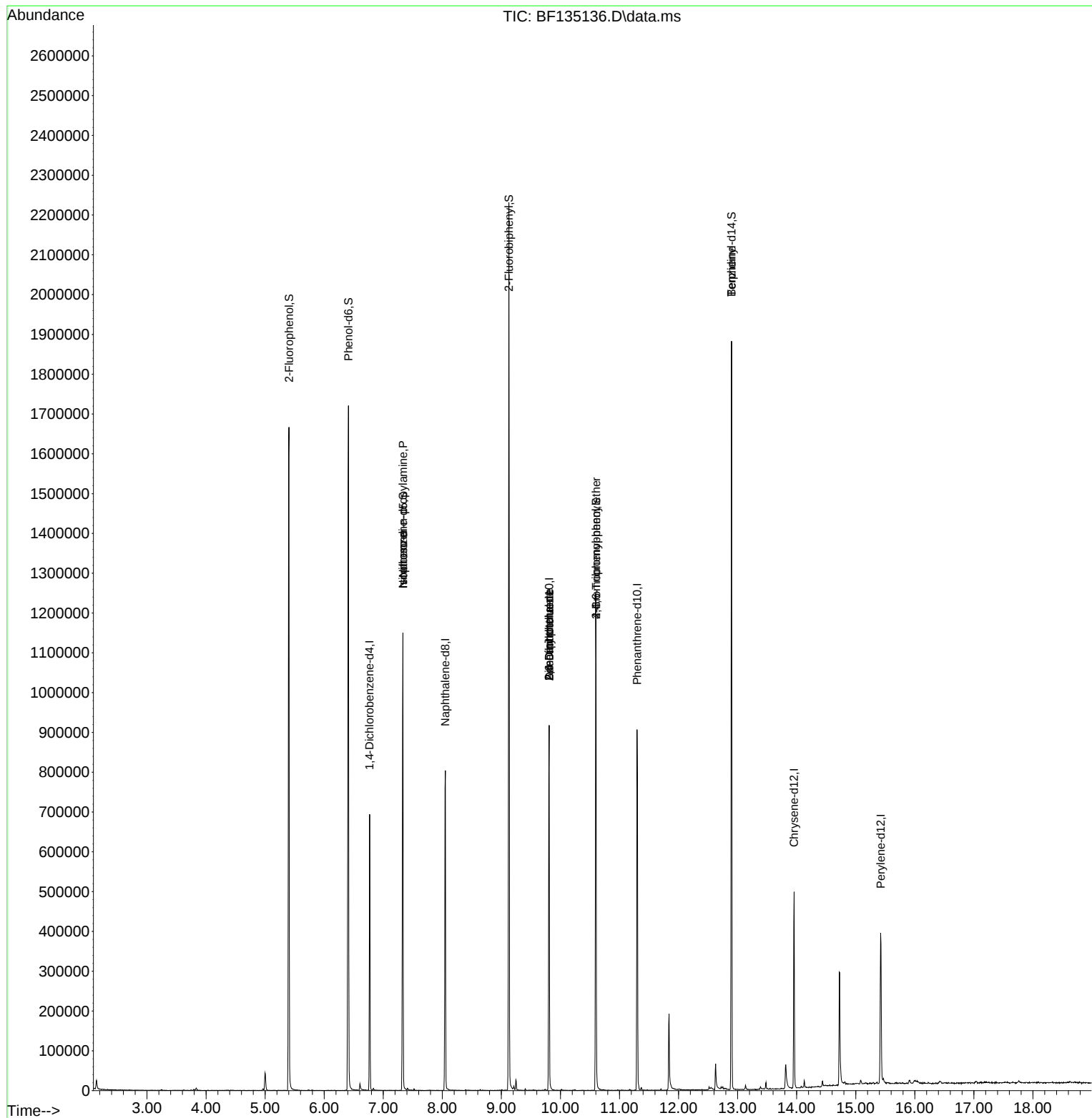
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	90382	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	372771	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	190287	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	330823	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	164725	20.000	ng	0.00
86) Perylene-d12	15.421	264	182492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	460698	78.733	ng	0.00
7) Phenol-d6	6.410	99	555444	76.157	ng	0.00
23) Nitrobenzene-d5	7.333	82	343655	51.793	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	149891	74.257	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	651914	55.778	ng	-0.01
79) Terphenyl-d14	12.898	244	600869	59.527	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.333	70	45741	10.558	ng	# 78
25) Isophorone	7.333	82	343652	27.317	ng	# 65
50) Dimethylphthalate	9.810	163	38836	2.915	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	24004	8.210	ng	# 21
57) 2,4-Dinitrotoluene	9.810	165	24004	6.588	ng	# 19
67) 4-Bromophenyl-phenylether	10.604	248	9791	2.790	ng	# 1
77) Benzidine	12.898	184	7667	2.582	ng	# 94

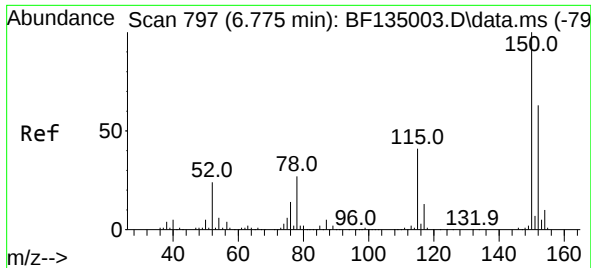
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

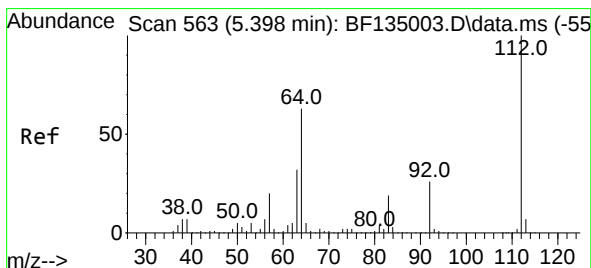
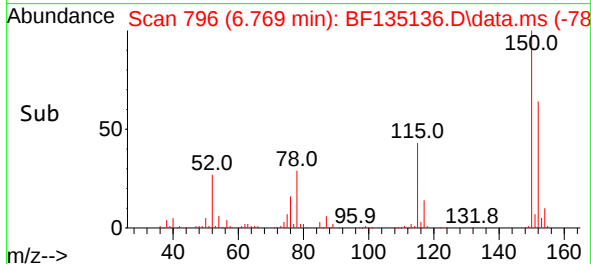
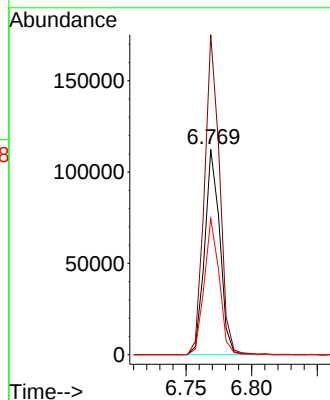
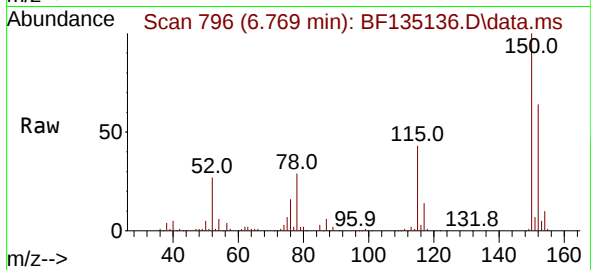




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF135136.D
 Acq: 07 Sep 2023 16:09

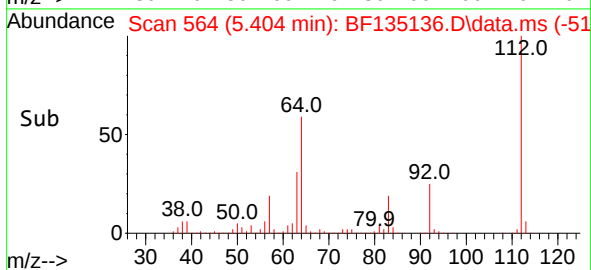
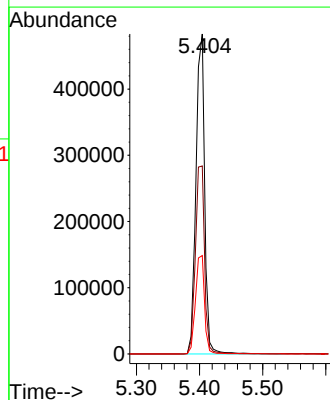
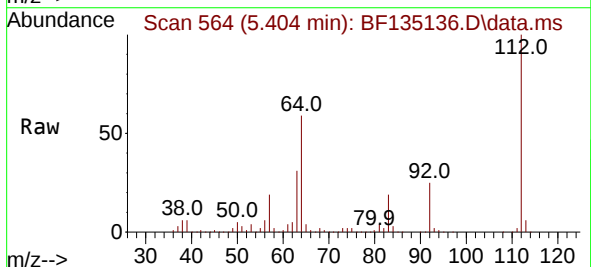
Instrument :
 BNA_F
 ClientSampleId :
 C-1

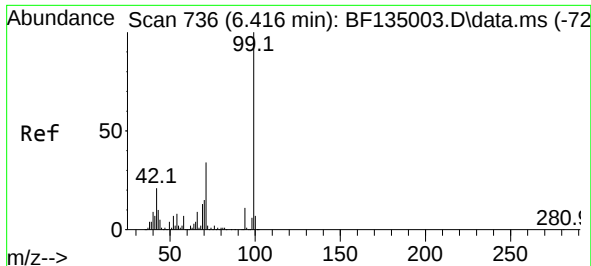
Tgt Ion:152 Resp: 90382
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.2 189.4
 115 66.3 51.2 76.8



#5
 2-Fluorophenol
 Concen: 78.733 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF135136.D
 Acq: 07 Sep 2023 16:09

Tgt Ion:112 Resp: 460698
 Ion Ratio Lower Upper
 112 100
 64 58.7 50.5 75.7
 63 30.8 25.9 38.9



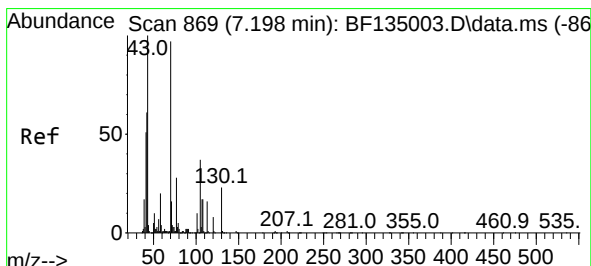
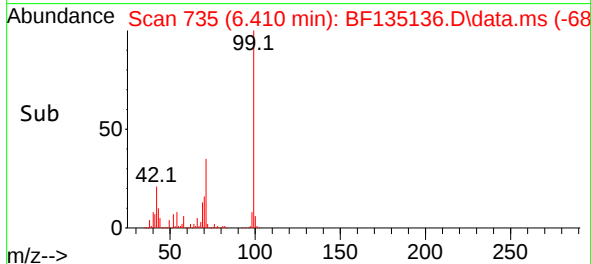
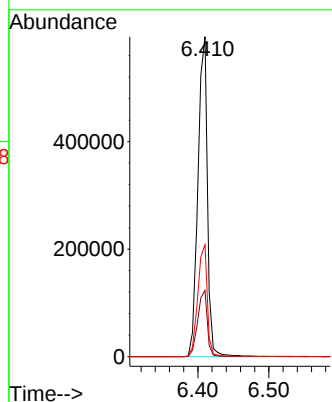
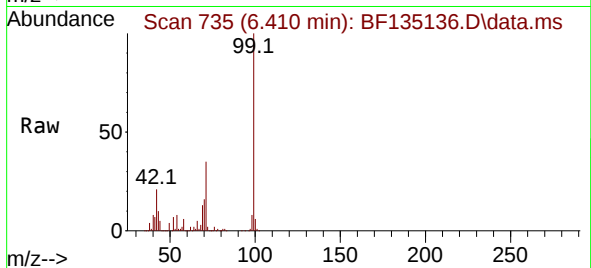


#7
Phenol-d6
Concen: 76.157 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion: 99 Resp: 555444

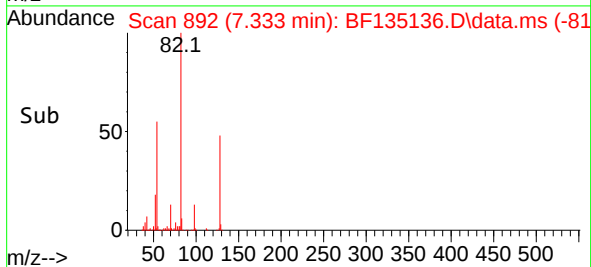
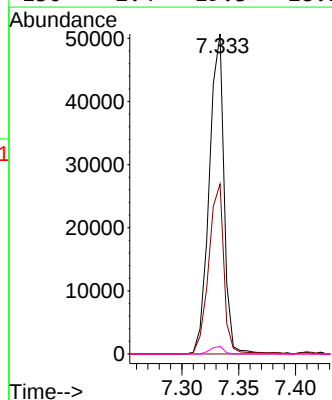
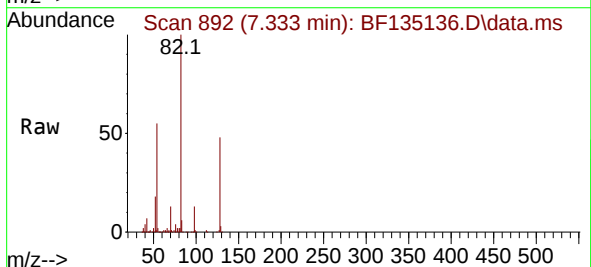
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	25.0
71	34.9	27.0	40.6

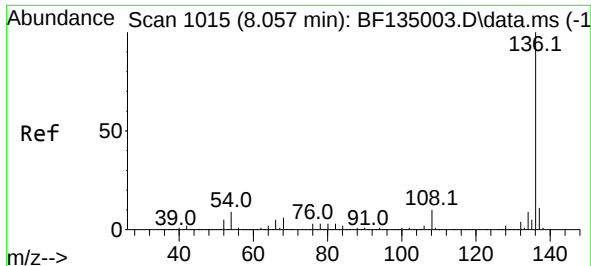


#19
n-Nitroso-di-n-propylamine
Concen: 10.558 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

Tgt Ion: 70 Resp: 45741

Ion	Ratio	Lower	Upper
70	100		
42	53.1	50.2	75.4
101	0.0	8.1	12.1#
130	2.4	19.3	28.9#

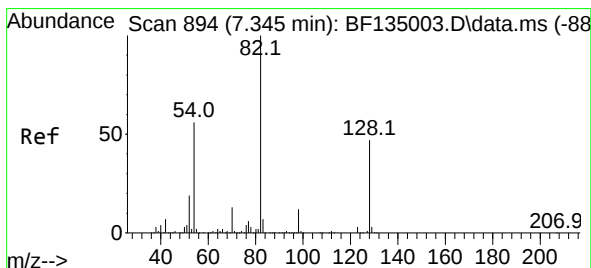
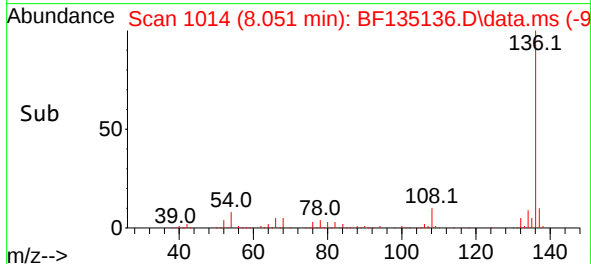
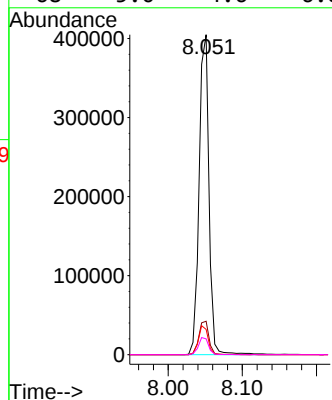
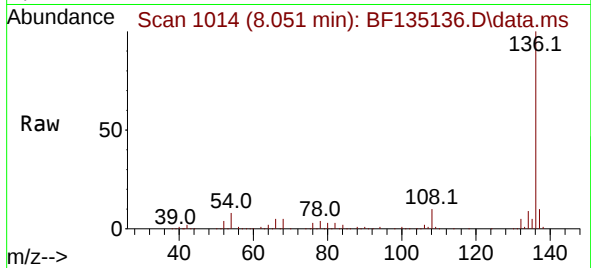




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

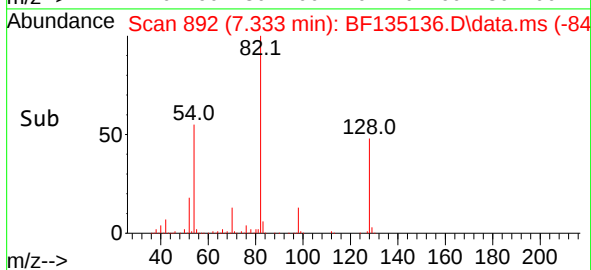
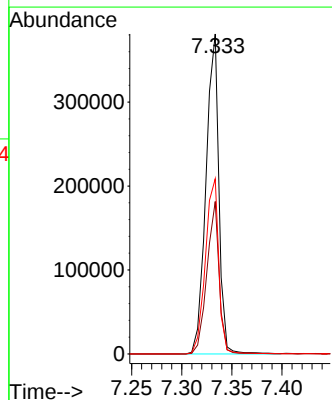
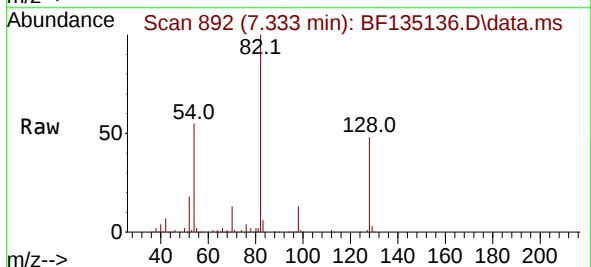
Instrument :
BNA_F
ClientSampleId :
C-1

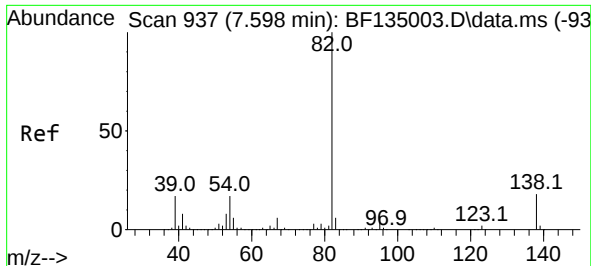
Tgt	Ion:136	Resp:	372771
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.9	7.0	10.4
68	5.0	4.6	6.8



#23
Nitrobenzene-d5
Concen: 51.793 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

Tgt Ion: 82	Resp: 343655
Ion Ratio	Lower Upper
82 100	
128 47.7	37.8 56.8
54 54.8	45.0 67.6

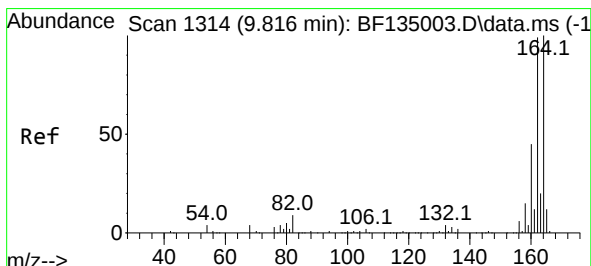
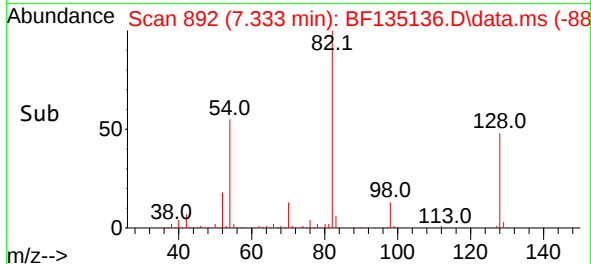
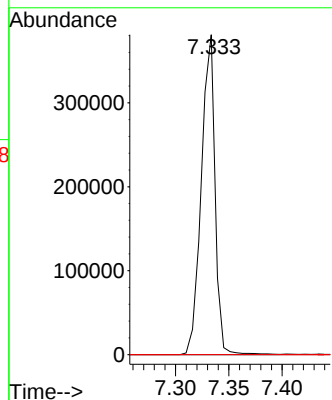
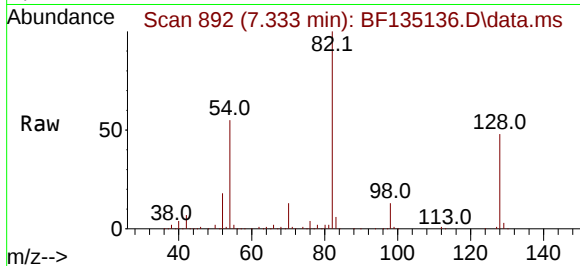




#25
Isophorone
Concen: 27.317 ng
RT: 7.333 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

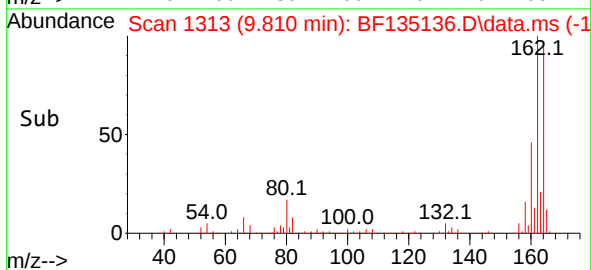
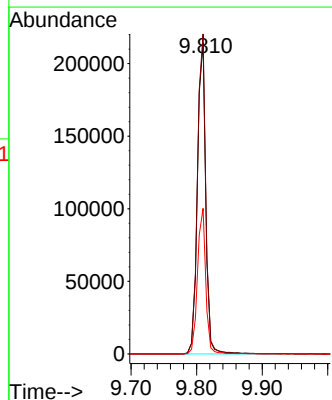
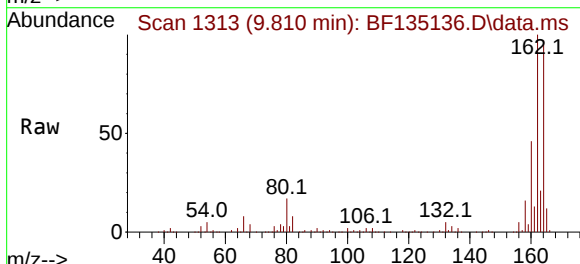
Instrument :
BNA_F
ClientSampleId :
C-1

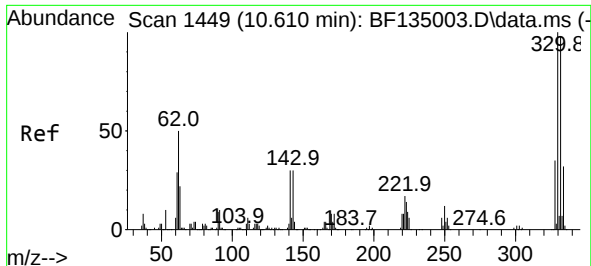
Tgt Ion: 82 Resp: 343652
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

Tgt Ion: 164 Resp: 190287
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 46.8 36.0 54.0



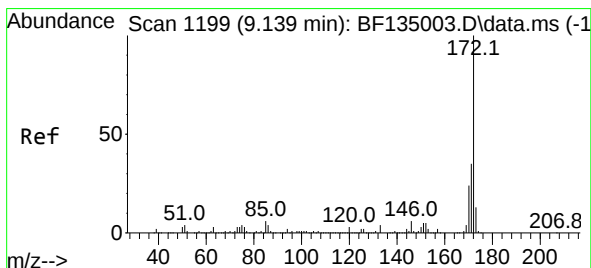
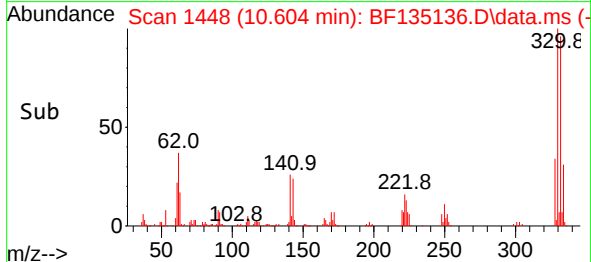
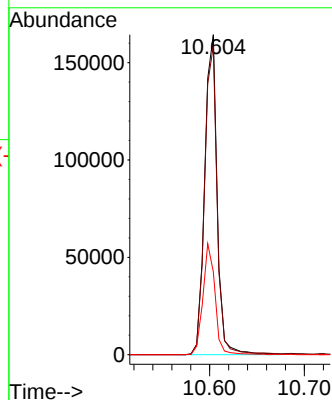
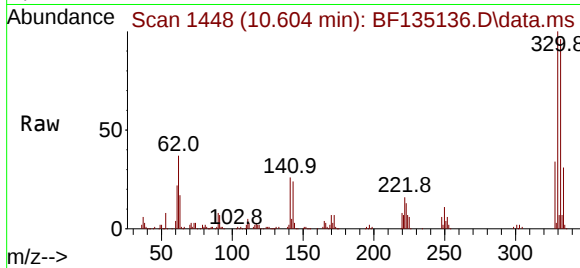


#42
 2,4,6-Tribromophenol
 Concen: 74.257 ng
 RT: 10.604 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: BF135136.D
 Acq: 07 Sep 2023 16:09

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Tgt Ion:330 Resp: 149891

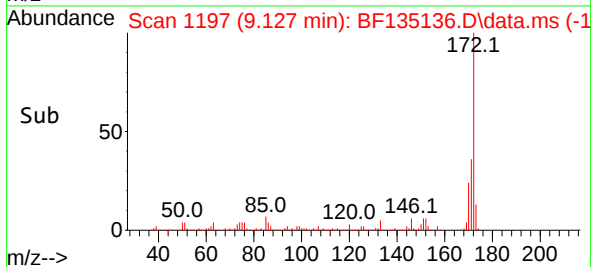
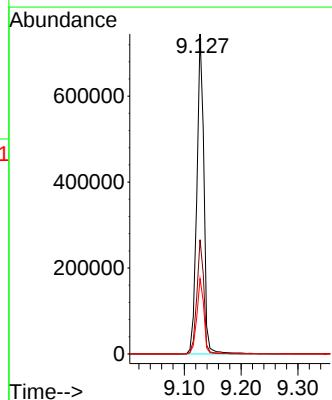
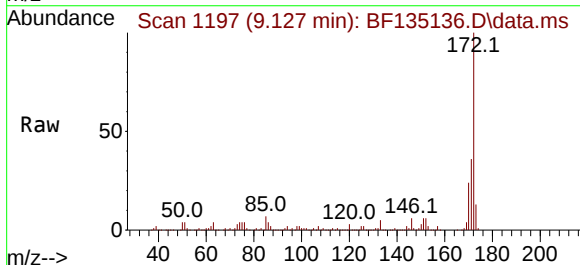
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	33.5	26.3	39.5

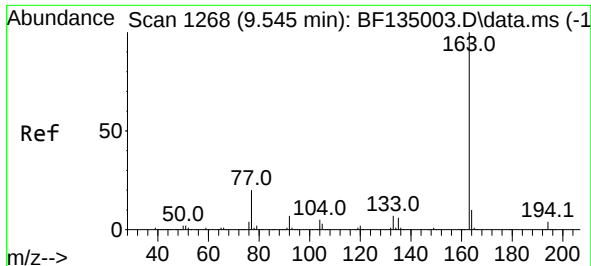


#45
 2-Fluorobiphenyl
 Concen: 55.778 ng
 RT: 9.127 min Scan# 1197
 Delta R.T. -0.012 min
 Lab File: BF135136.D
 Acq: 07 Sep 2023 16:09

Tgt Ion:172 Resp: 651914

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.6	19.0	28.4

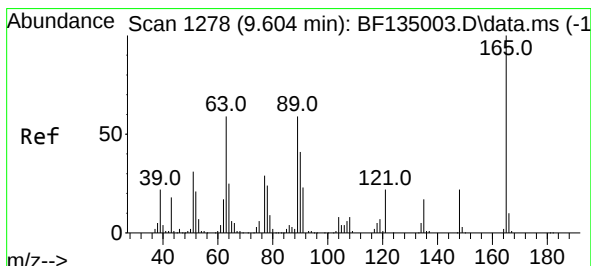
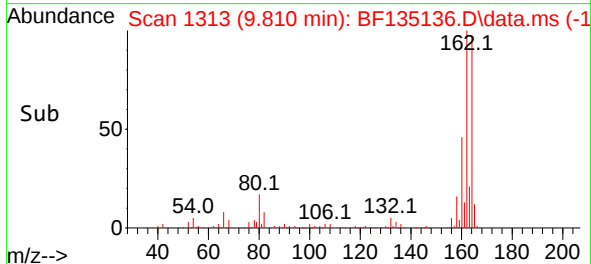
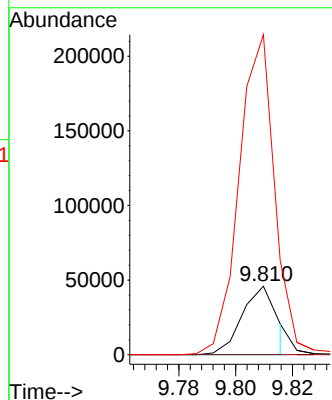
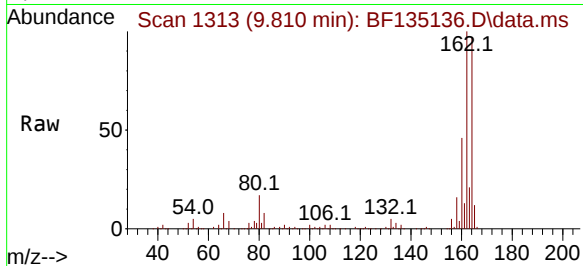




#50
Dimethylphthalate
Concen: 2.915 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

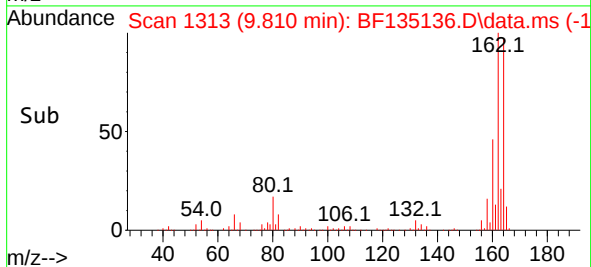
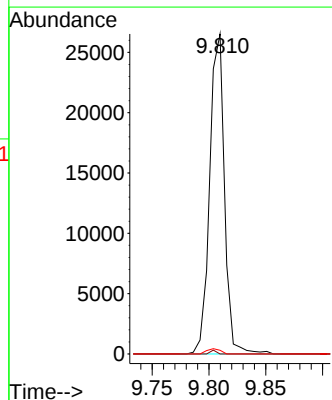
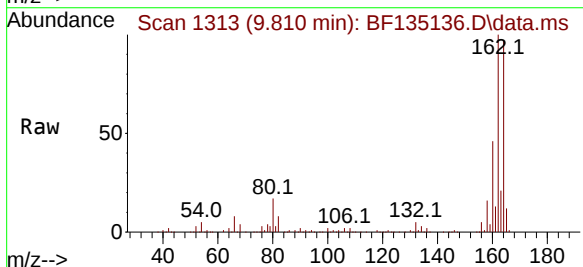
Instrument :
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ClientSampleId :
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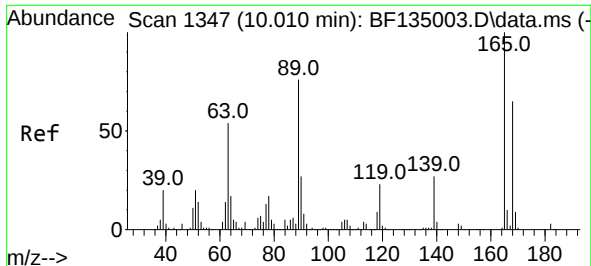
Tgt Ion:163 Resp: 38836
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 467.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.210 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

Tgt Ion:165 Resp: 24004
Ion Ratio Lower Upper
165 100
63 0.0 50.4 75.6#
89 1.2 47.1 70.7#

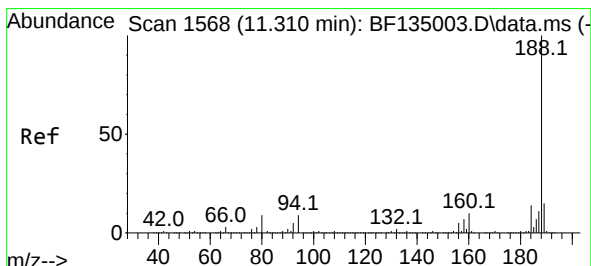
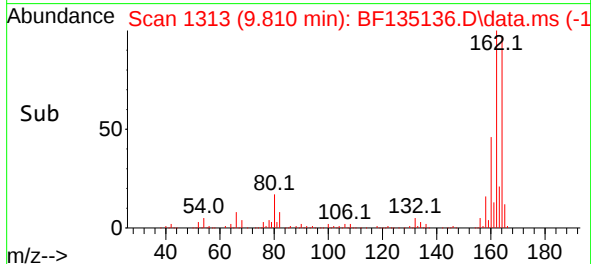
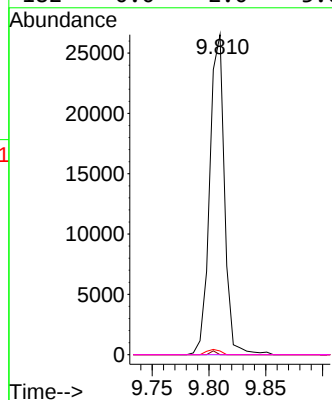
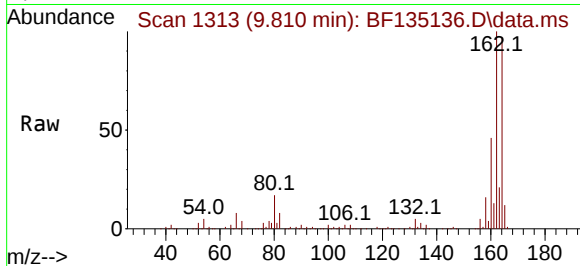




#57
2,4-Dinitrotoluene
Concen: 6.588 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

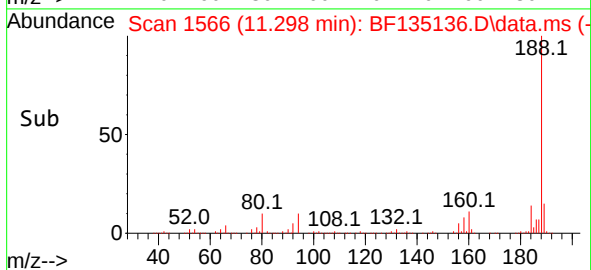
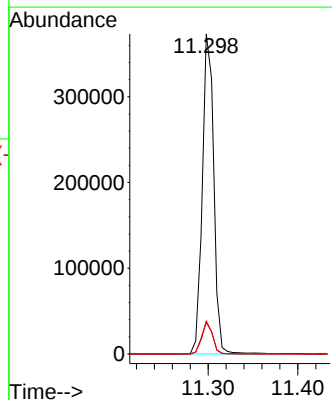
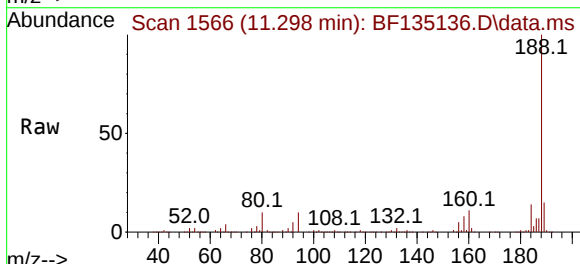
Instrument :
BNA_F
ClientSampleId :
C-1

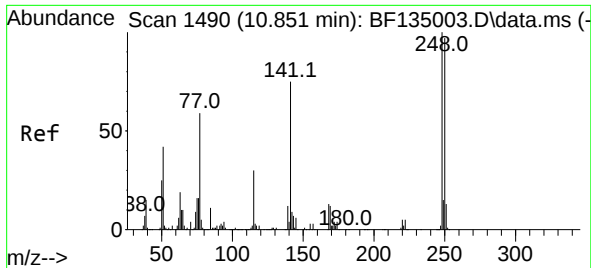
Tgt Ion:165	Resp:	24004
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.2 64.8#
89	1.2	60.8 91.2#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

Tgt Ion:188	Resp:	330823
Ion Ratio	Lower	Upper
188	100	
94	10.0	7.0 10.4
80	10.3	7.4 11.2

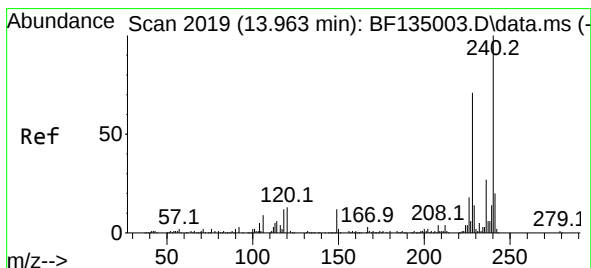
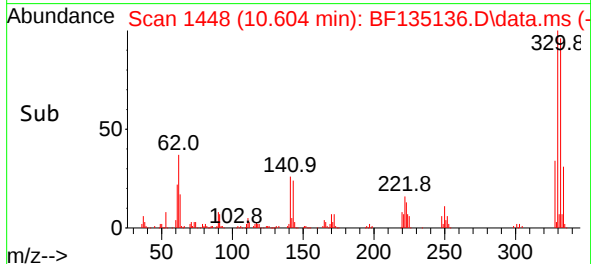
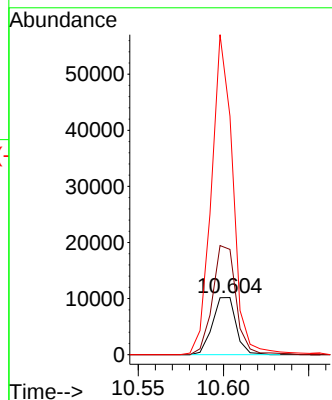
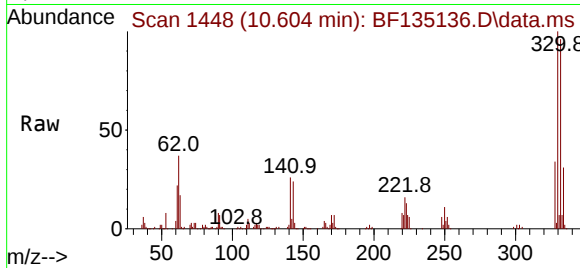




#67
4-Bromophenyl-phenylether
Concen: 2.790 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

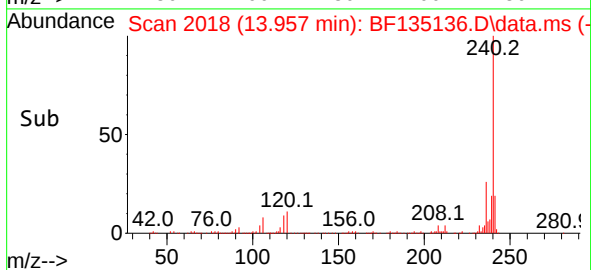
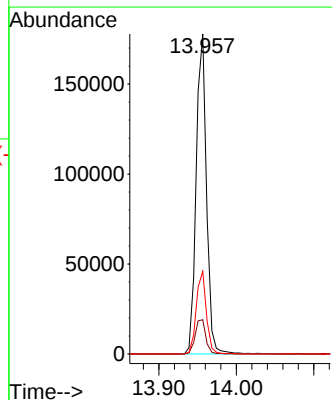
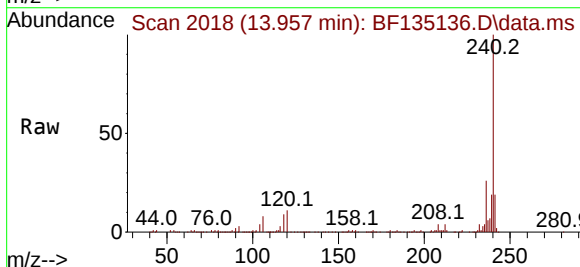
Instrument :
BNA_F
ClientSampleId :
C-1

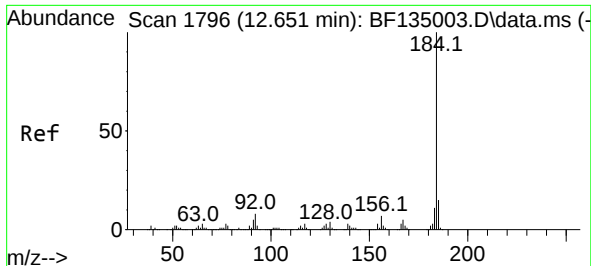
Tgt Ion:248 Resp: 9791
Ion Ratio Lower Upper
248 100
250 184.3 77.9 116.9#
141 417.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

Tgt Ion:240 Resp: 164725
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.2
236 25.8 21.3 31.9

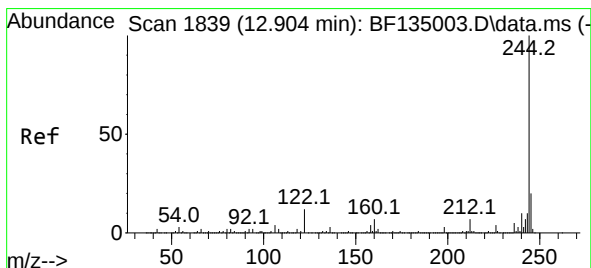
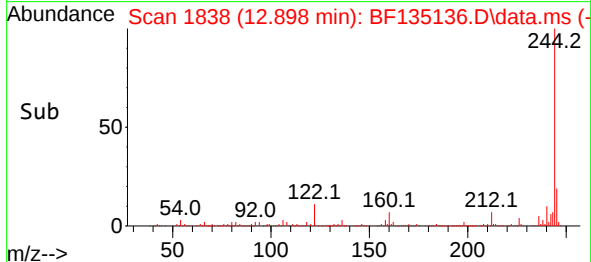
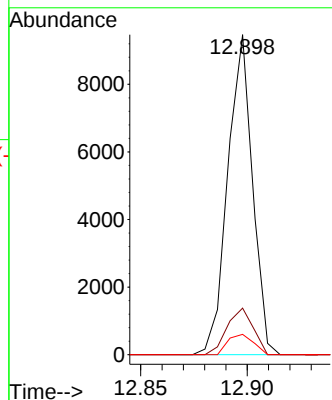
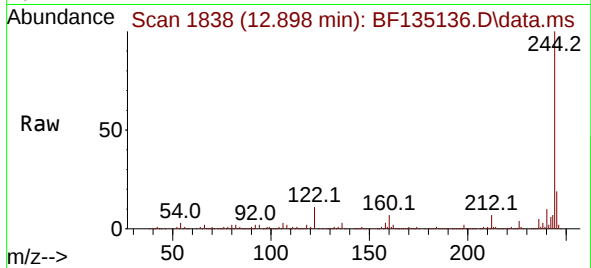




#77
Benzidine
Concen: 2.582 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

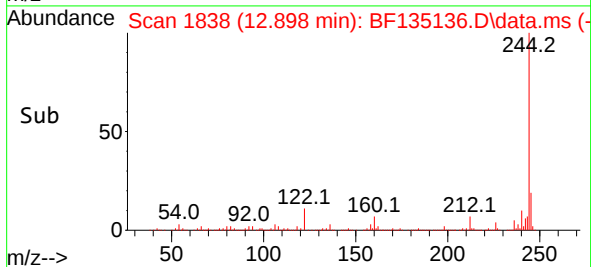
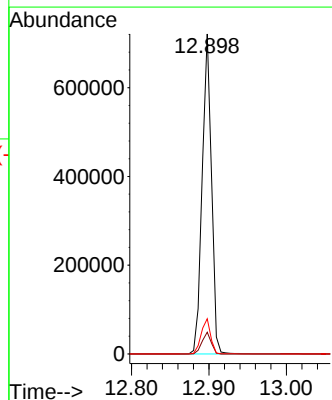
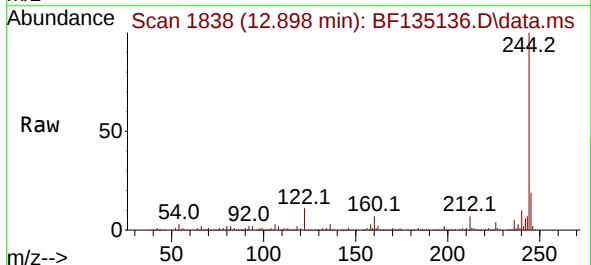
Instrument :
BNA_F
ClientSampleId :
C-1

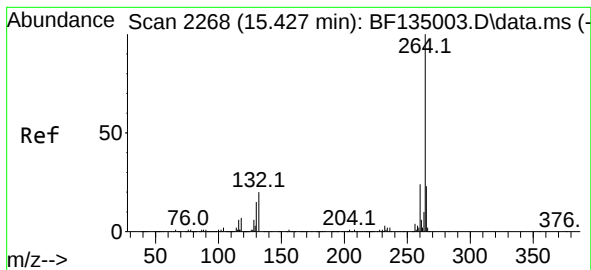
Tgt Ion:184 Resp: 7667
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 6.3 9.0 13.6#



#79
Terphenyl-d14
Concen: 59.527 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

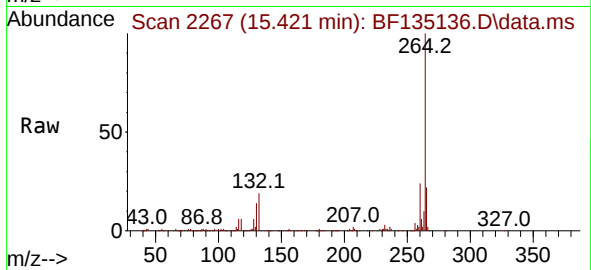
Tgt Ion:244 Resp: 600869
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 11.0 9.8 14.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135136.D
Acq: 07 Sep 2023 16:09

Instrument :
BNA_F
ClientSampleId :
C-1



Tgt Ion:264 Resp: 182492
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.5 18.2 27.2

