

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135055.D
 Acq On : 31 Aug 2023 22:34
 Operator : CG\JU
 Sample : 04197-09RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-21

Quant Time: Sep 01 01:53:24 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)

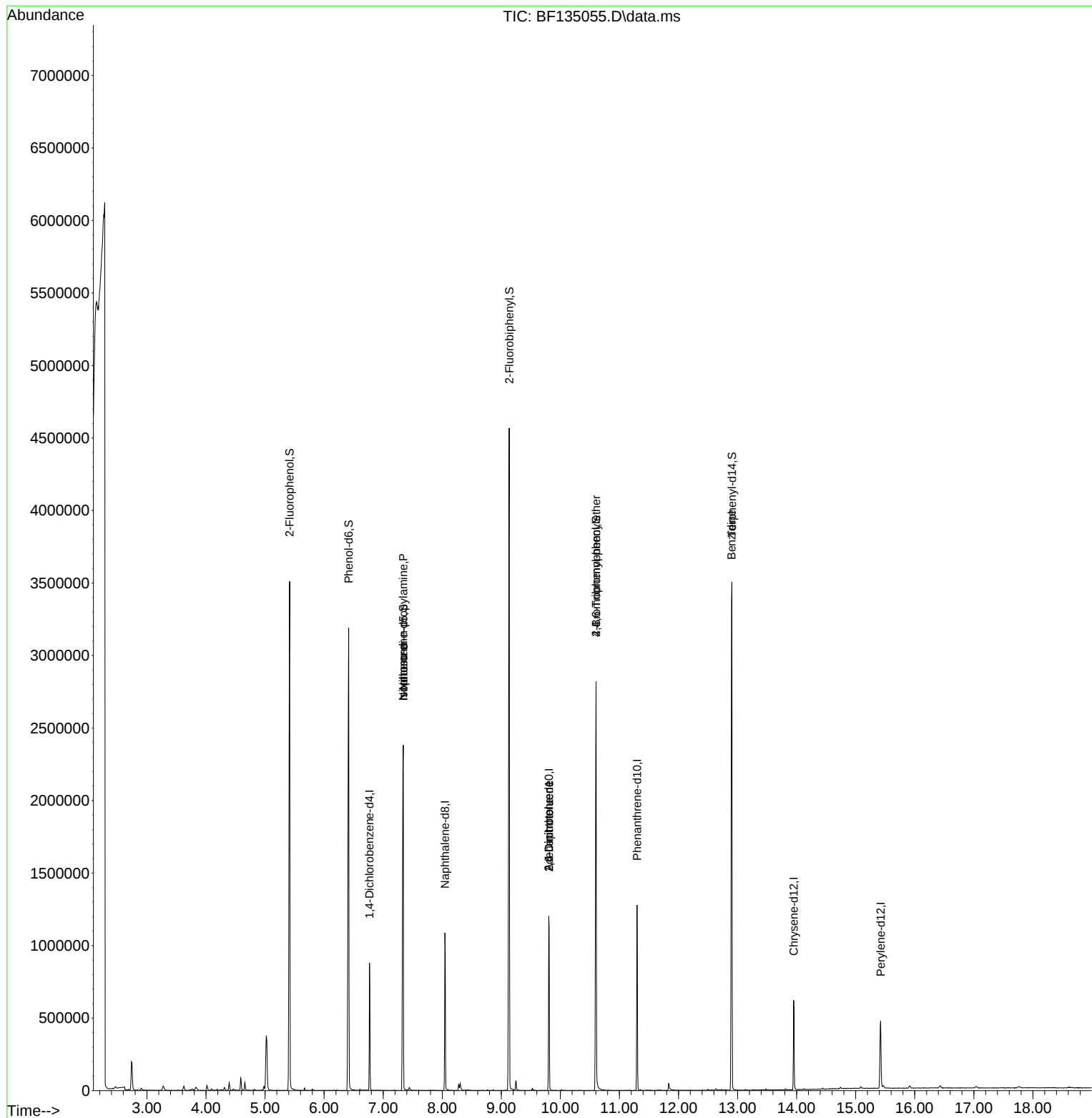
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	118313	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	482247	20.000	ng	-0.01
39) Acenaphthene-d10	9.804	164	253742	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	440593	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	205321	20.000	ng	-0.01
86) Perylene-d12	15.421	264	226798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1016380	132.692	ng	0.02
7) Phenol-d6	6.416	99	1171987	122.756	ng	0.00
23) Nitrobenzene-d5	7.340	82	874197	101.842	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	370940	137.810	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1505834	96.620	ng	0.00
79) Terphenyl-d14	12.904	244	1399272	111.215	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	117880	20.786	ng	# 77
25) Isophorone	7.340	82	874190	53.714	ng	# 65
51) 2,6-Dinitrotoluene	9.804	165	33311	8.544	ng	# 22
57) 2,4-Dinitrotoluene	9.804	165	33311	6.856	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	22943	4.910	ng	# 1
77) Benzidine	12.898	184	17956	4.851	ng	# 94

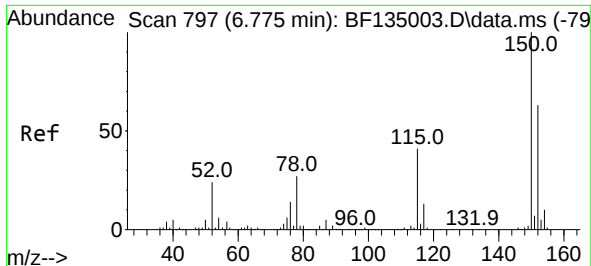
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135055.D
Acq On : 31 Aug 2023 22:34
Operator : CG\JU
Sample : 04197-09RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

Quant Time: Sep 01 01:53:24 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

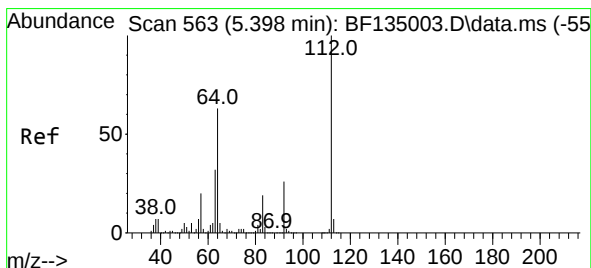
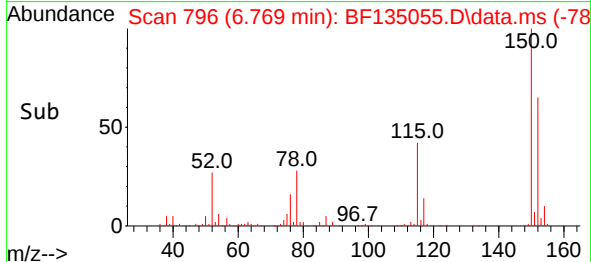
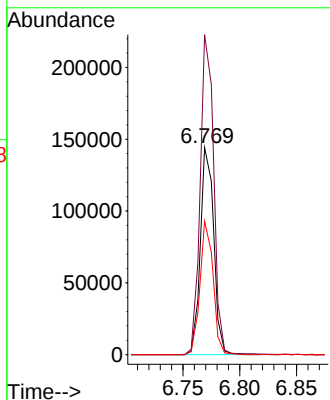
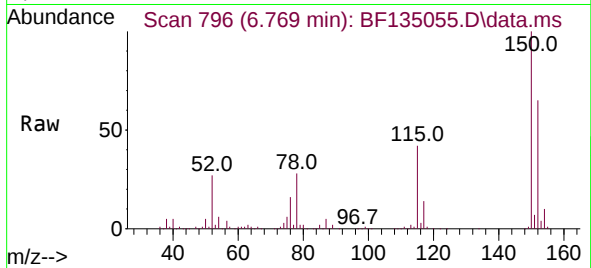




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

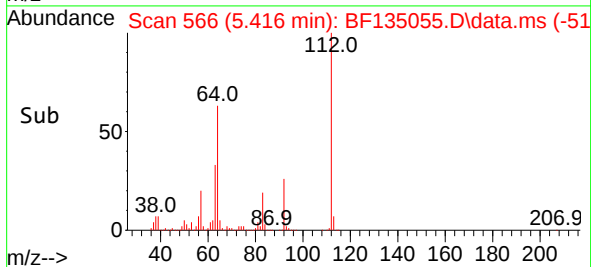
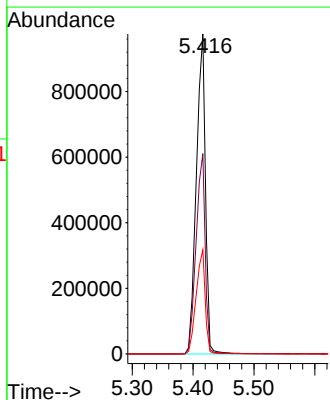
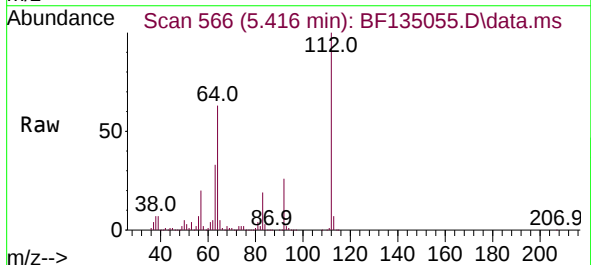
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

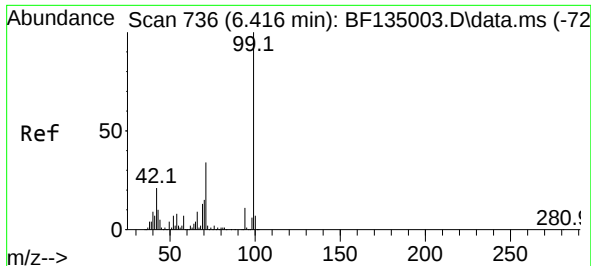
Tgt Ion:152 Resp: 118313
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.4
115 64.5 51.2 76.8



#5
2-Fluorophenol
Concen: 132.692 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

Tgt Ion:112 Resp: 1016380
Ion Ratio Lower Upper
112 100
64 62.6 50.5 75.7
63 32.5 25.9 38.9

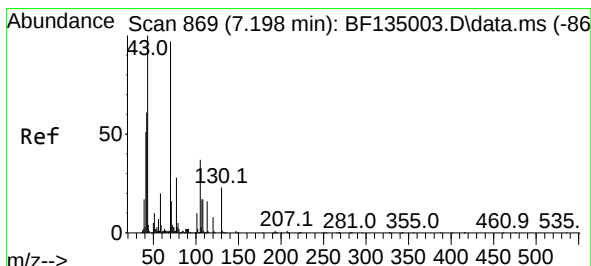
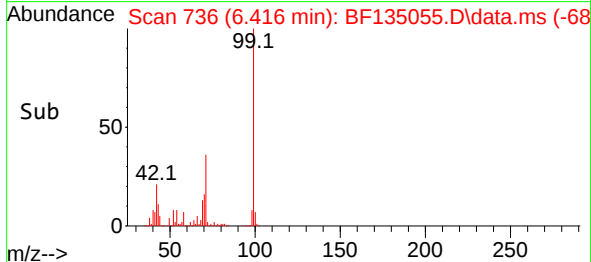
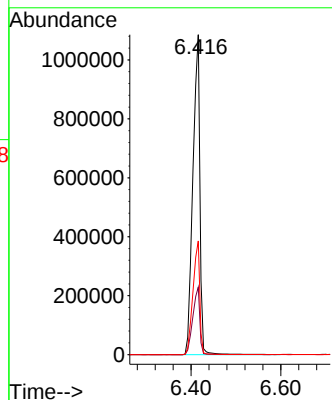
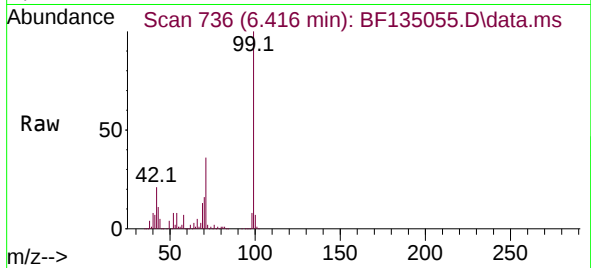




#7
Phenol-d6
Concen: 122.756 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

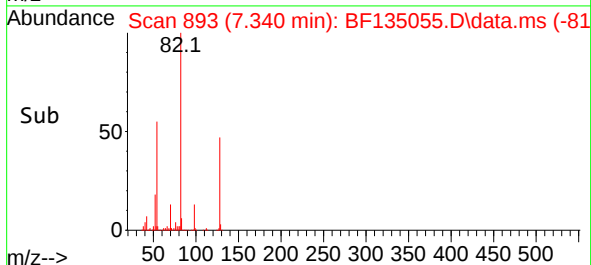
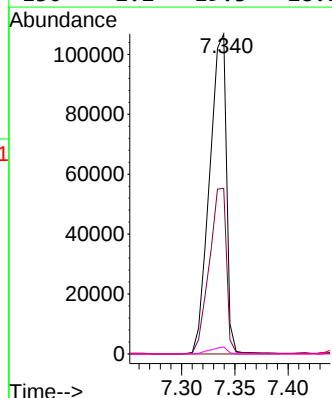
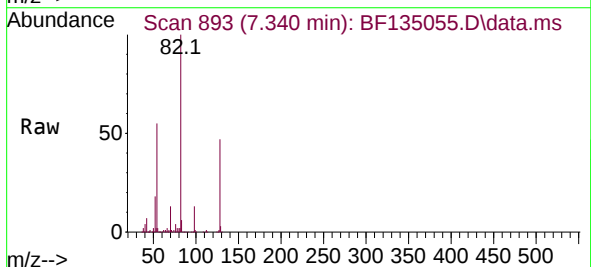
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

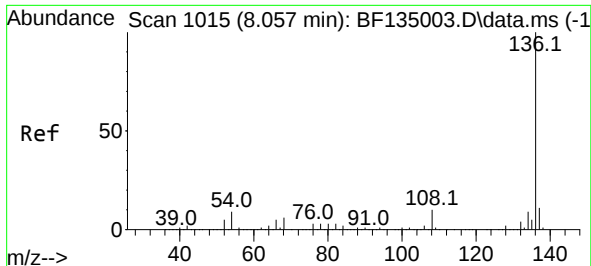
Tgt Ion: 99 Resp: 1171987
Ion Ratio Lower Upper
99 100
42 21.1 16.6 25.0
71 35.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.786 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

Tgt Ion: 70 Resp: 117880
Ion Ratio Lower Upper
70 100
42 51.7 50.2 75.4
101 0.0 8.1 12.1#
130 2.2 19.3 28.9#

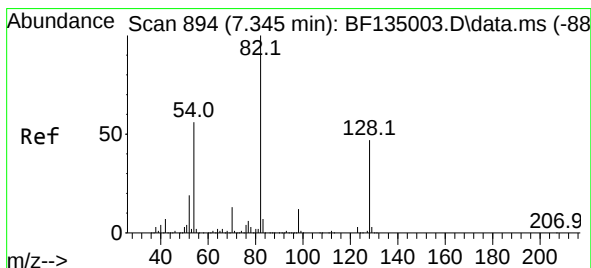
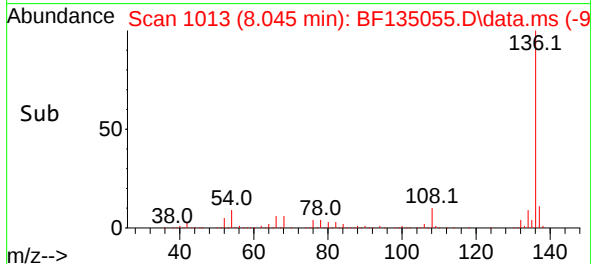
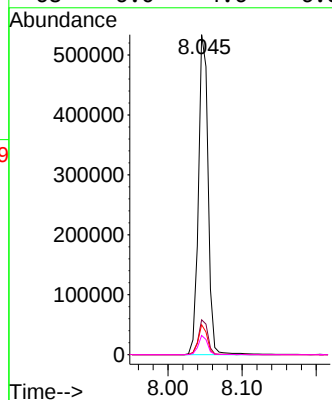
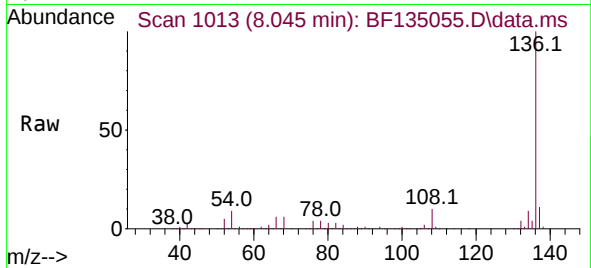




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

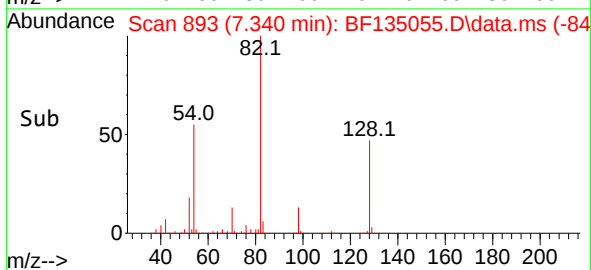
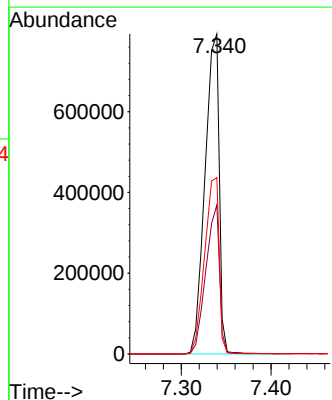
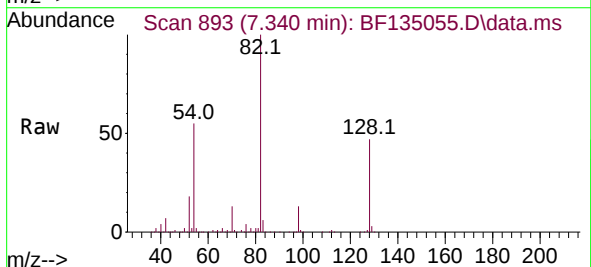
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

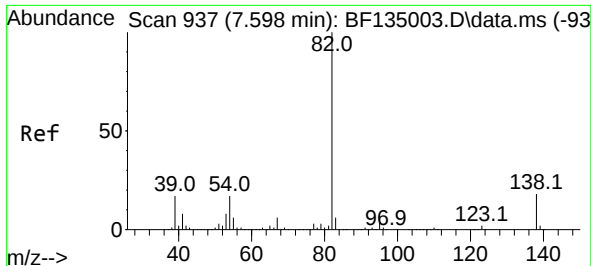
Tgt Ion:136	Resp: 482247
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 9.3	7.0 10.4
68 6.0	4.6 6.8



#23
Nitrobenzene-d5
Concen: 101.842 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

Tgt Ion: 82	Resp: 874197
Ion Ratio	Lower Upper
82 100	
128 46.5	37.8 56.8
54 55.1	45.0 67.6

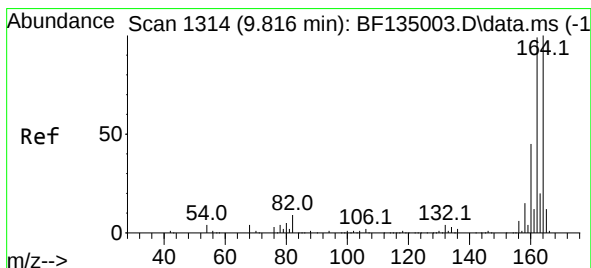
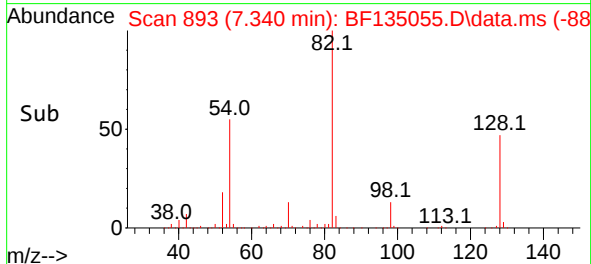
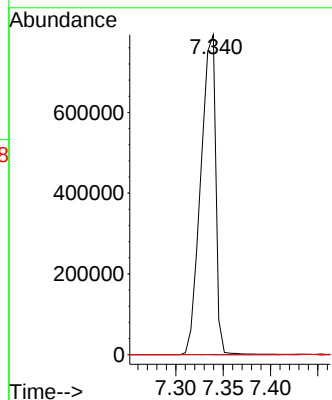
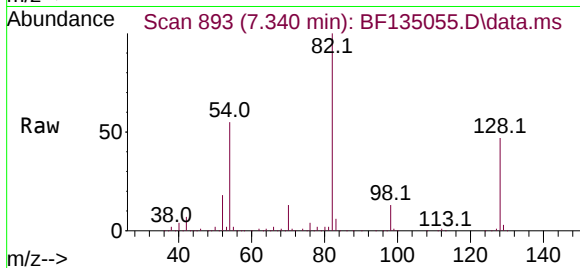




#25
Isophorone
Concen: 53.714 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

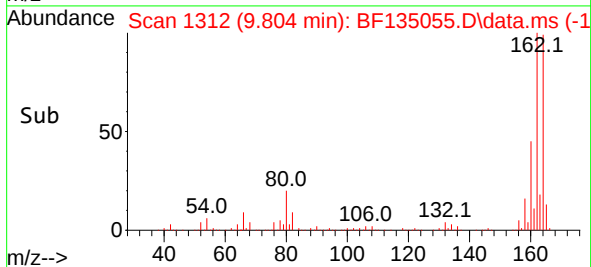
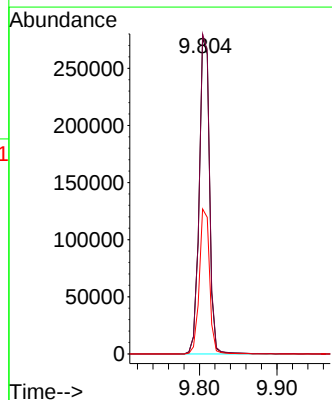
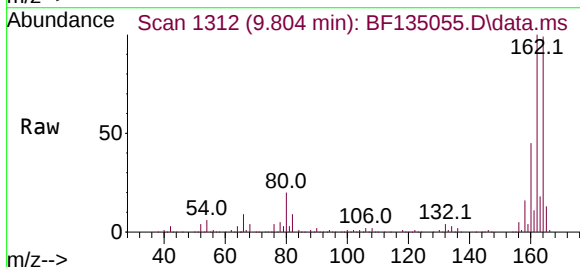
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

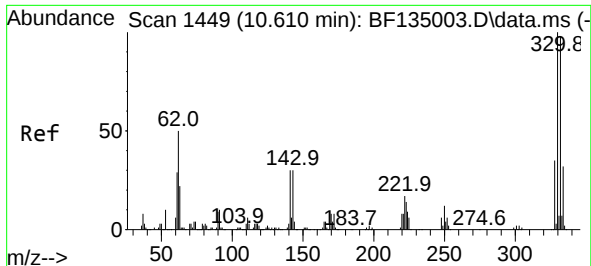
Tgt Ion: 82 Resp: 874190
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

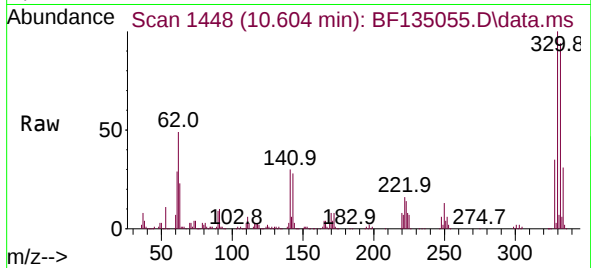
Tgt Ion:164 Resp: 253742
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 45.9 36.0 54.0



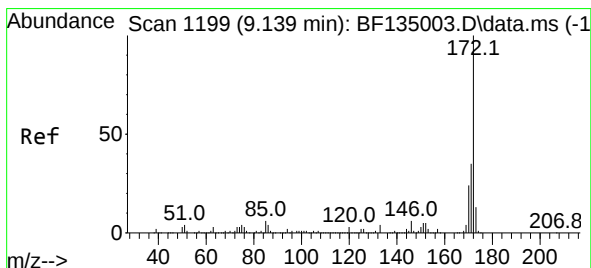
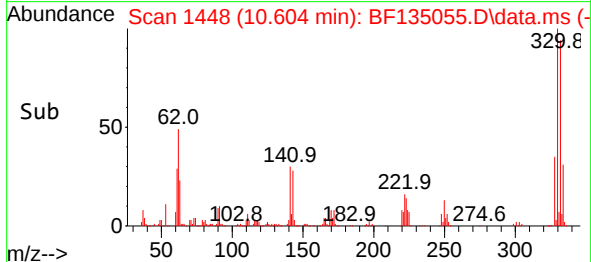
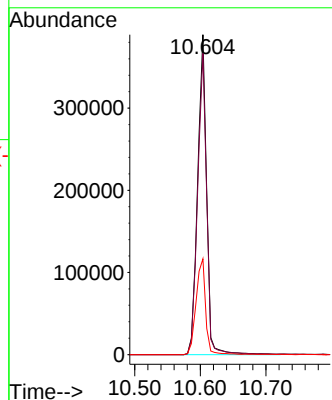


#42
 2,4,6-Tribromophenol
 Concen: 137.810 ng
 RT: 10.604 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: BF135055.D
 Acq: 31 Aug 2023 22:34

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-21

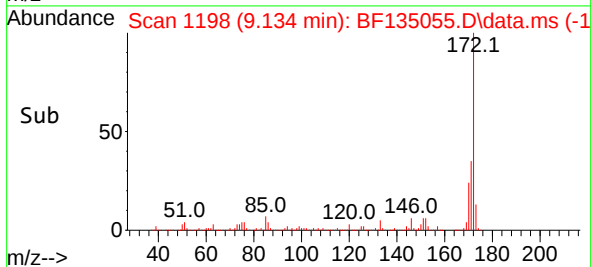
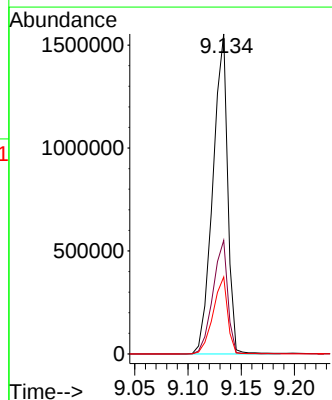
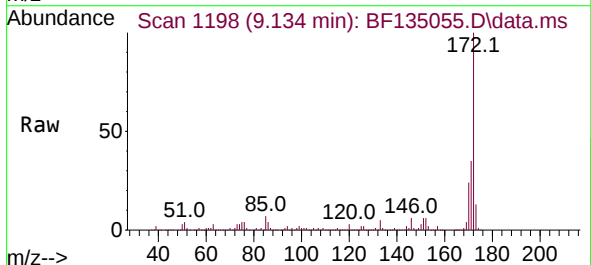


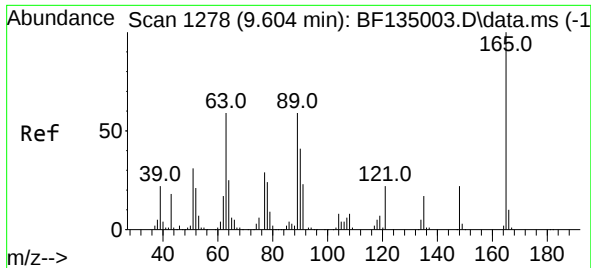
Tgt Ion:330 Resp: 370940
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.6 116.4
 141 31.7 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 96.620 ng
 RT: 9.134 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: BF135055.D
 Acq: 31 Aug 2023 22:34

Tgt Ion:172 Resp: 1505834
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.2
 170 24.0 19.0 28.4

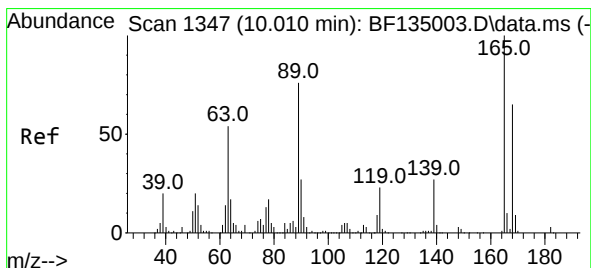
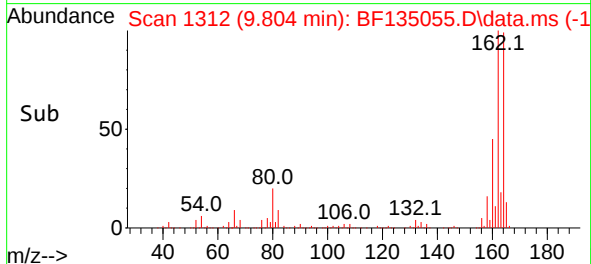
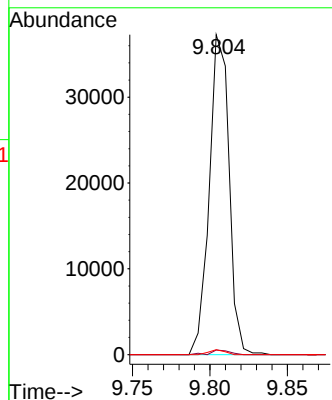
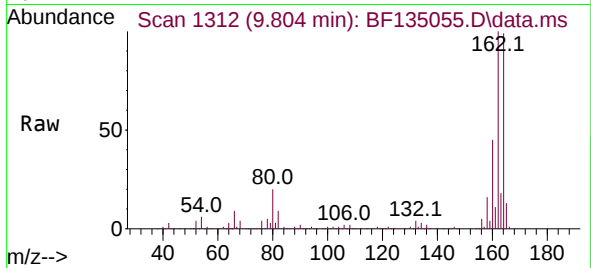




#51
2,6-Dinitrotoluene
Concen: 8.544 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.200 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

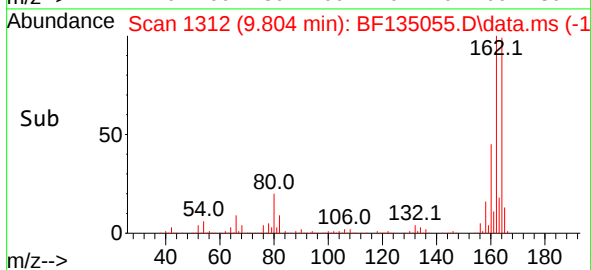
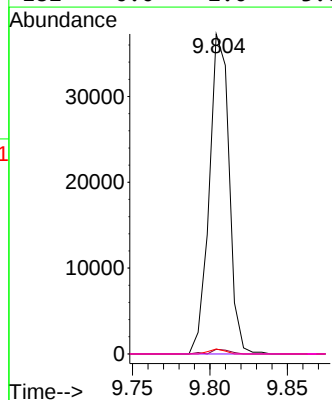
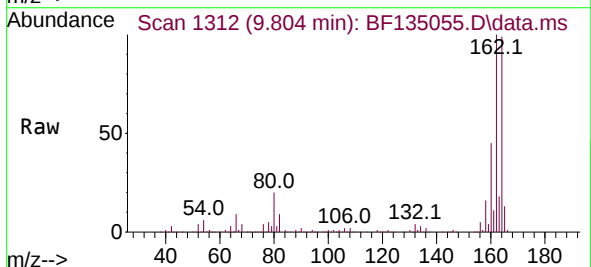
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

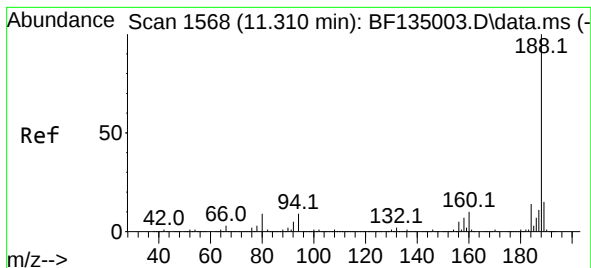
Tgt Ion:165 Resp: 33311
Ion Ratio Lower Upper
165 100
63 1.4 50.4 75.6#
89 1.5 47.1 70.7#



#57
2,4-Dinitrotoluene
Concen: 6.856 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.206 min
Lab File: BF135055.D
Acq: 31 Aug 2023 22:34

Tgt Ion:165 Resp: 33311
Ion Ratio Lower Upper
165 100
63 1.4 43.2 64.8#
89 1.5 60.8 91.2#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135055.D

Acq: 31 Aug 2023 22:34

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-21

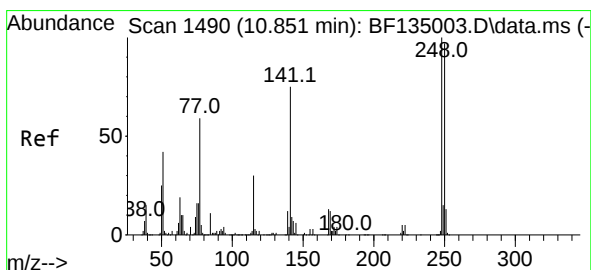
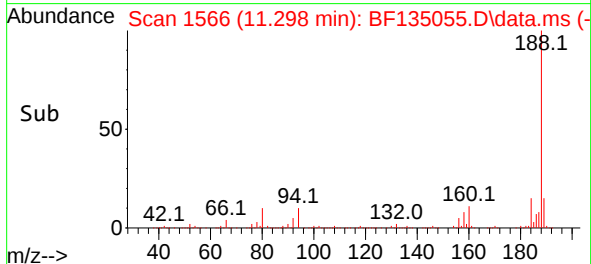
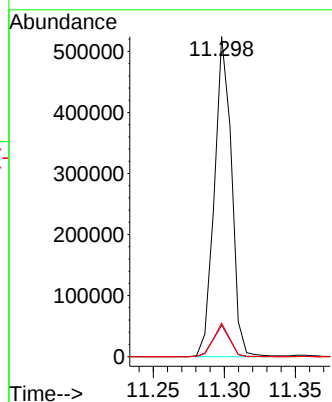
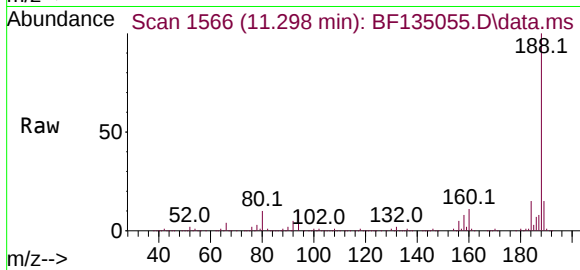
Tgt Ion:188 Resp: 440593

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.5 7.4 11.2



#67

4-Bromophenyl-phenylether

Concen: 4.910 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.247 min

Lab File: BF135055.D

Acq: 31 Aug 2023 22:34

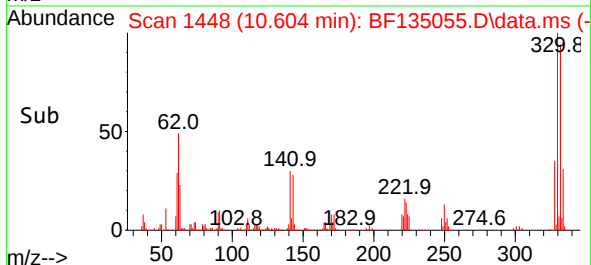
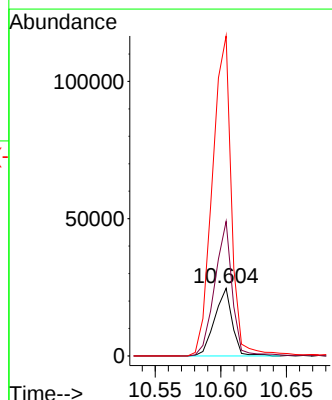
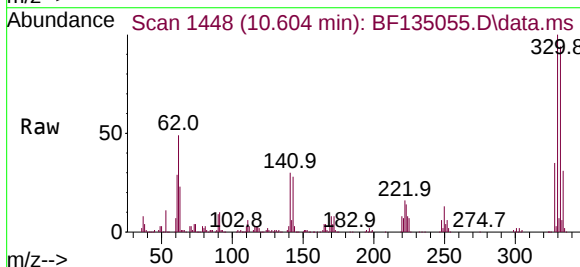
Tgt Ion:248 Resp: 22943

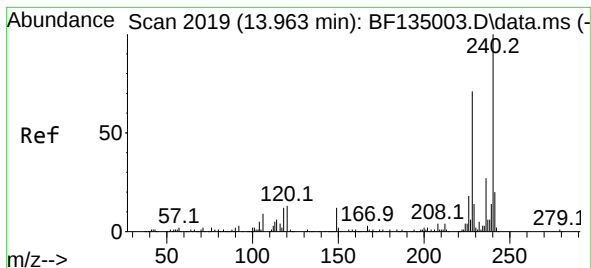
Ion Ratio Lower Upper

248 100

250 199.2 77.9 116.9#

141 473.7 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135055.D

Acq: 31 Aug 2023 22:34

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-21

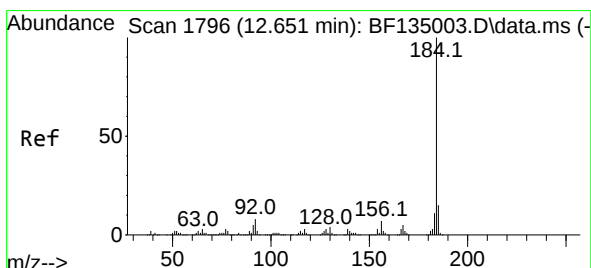
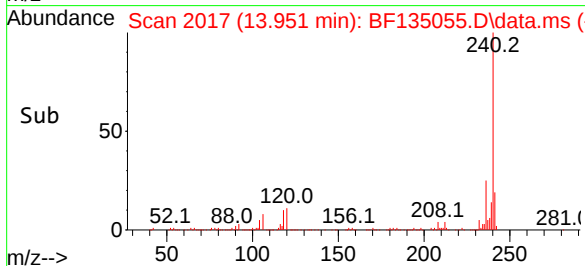
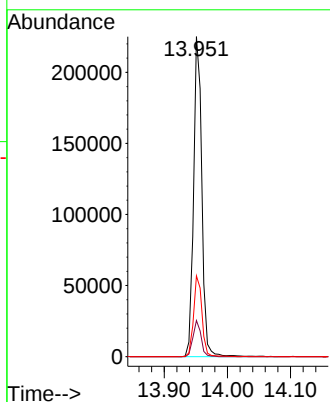
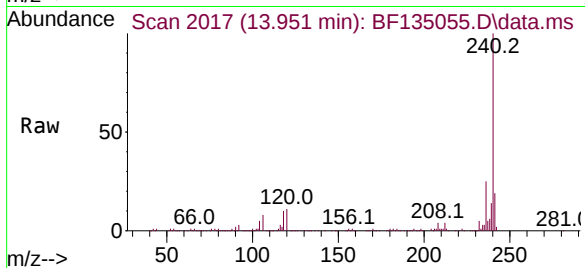
Tgt Ion:240 Resp: 205321

Ion Ratio Lower Upper

240 100

120 11.3 10.2 15.2

236 25.2 21.3 31.9



#77

Benzidine

Concen: 4.851 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135055.D

Acq: 31 Aug 2023 22:34

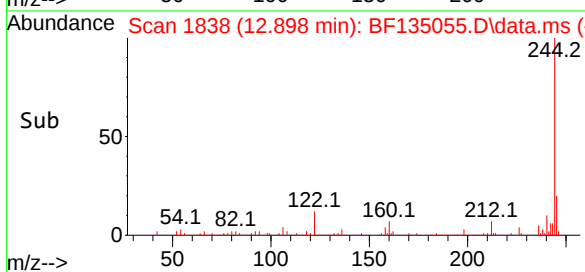
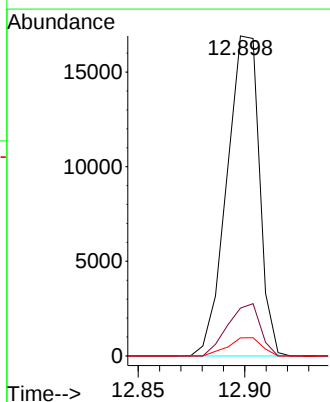
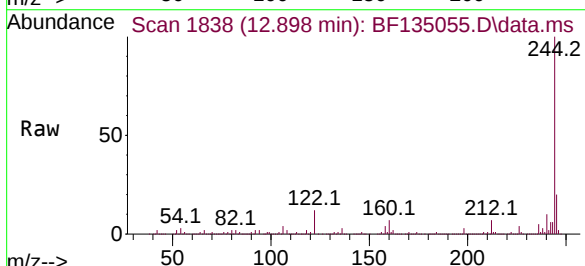
Tgt Ion:184 Resp: 17956

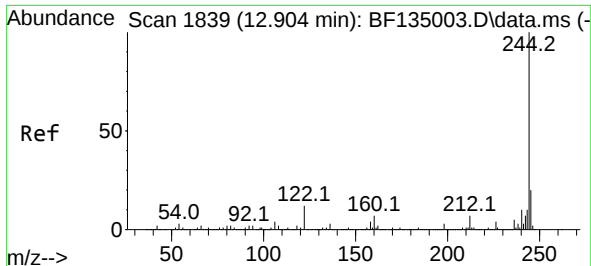
Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

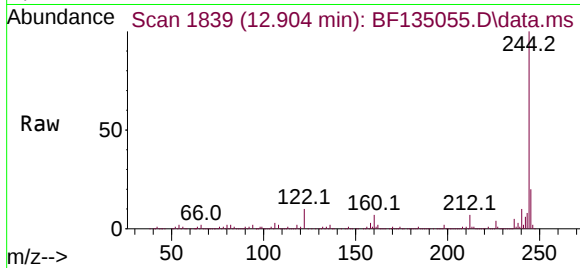
183 5.6 9.0 13.6#





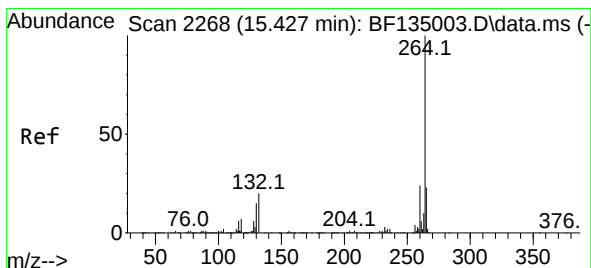
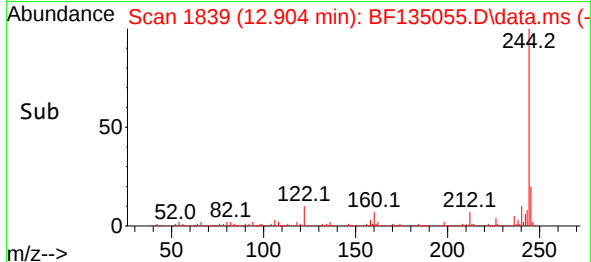
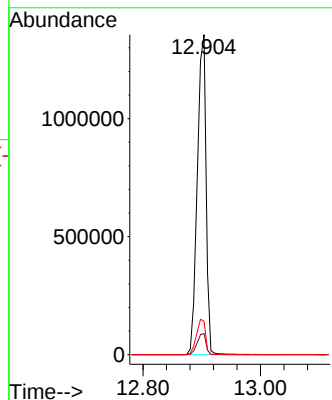
#79
 Terphenyl-d14
 Concen: 111.215 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF135055.D
 Acq: 31 Aug 2023 22:34

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-21



Tgt Ion:244 Resp: 1399272

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	10.4	9.8	14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135055.D
 Acq: 31 Aug 2023 22:34

Tgt Ion:264 Resp: 226798

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.6
265	22.6	18.2	27.2

