

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135115.D
 Acq On : 06 Sep 2023 02:48
 Operator : CG\JU
 Sample : 04203-03RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(12-12.5)

Quant Time: Sep 06 03:48:05 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)

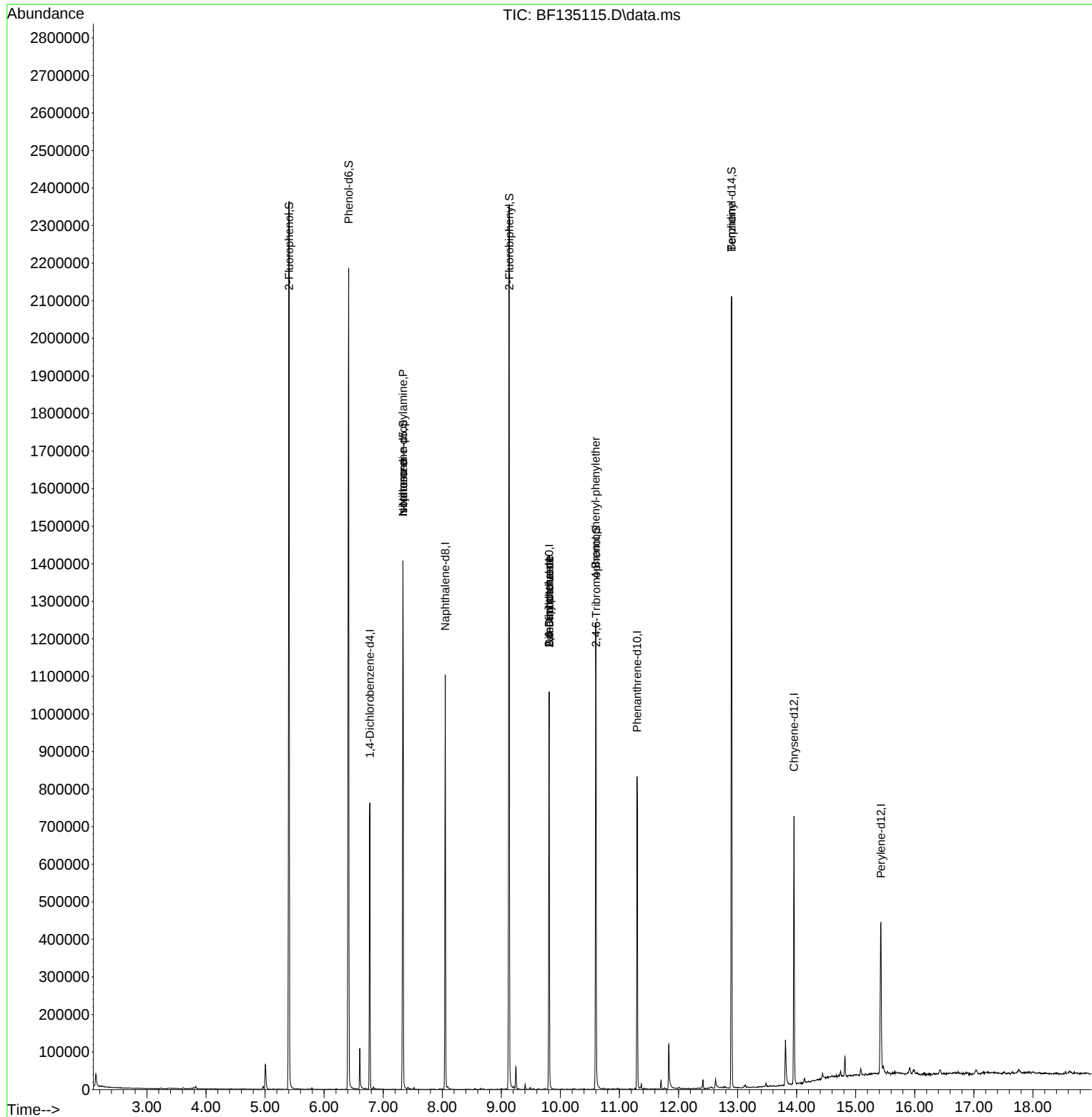
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	109371	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	436897	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	204459	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	311333	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	232368	20.000	ng	0.00
86) Perylene-d12	15.427	264	203253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	605356	85.493	ng	0.00
7) Phenol-d6	6.416	99	741818	84.052	ng	0.00
23) Nitrobenzene-d5	7.334	82	451666	58.080	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	150516	69.398	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	764157	60.850	ng	0.00
79) Terphenyl-d14	12.898	244	681993	47.896	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	60872	11.611	ng	# 79
25) Isophorone	7.334	82	451660	30.633	ng	# 65
50) Dimethylphthalate	9.810	163	39808	2.781	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	26074	8.300	ng	# 21
57) 2,4-Dinitrotoluene	9.810	165	26074	6.660	ng	# 20
67) 4-Bromophenyl-phenylether	10.598	248	9165	2.775	ng	# 1
77) Benzidine	12.898	184	8475	2.023	ng	# 90

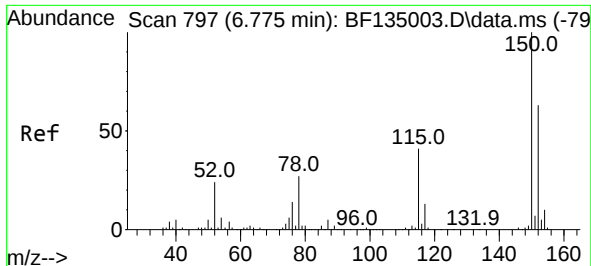
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-3(12-12.5)

Quant Time: Sep 06 03:48:05 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

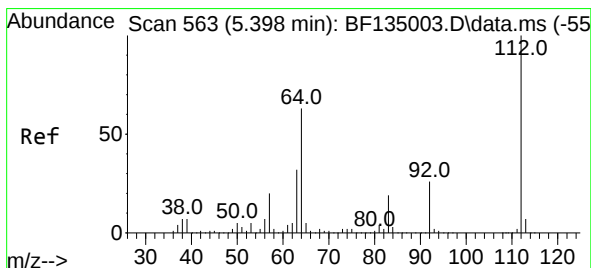
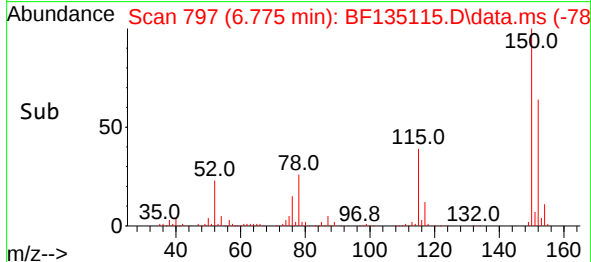
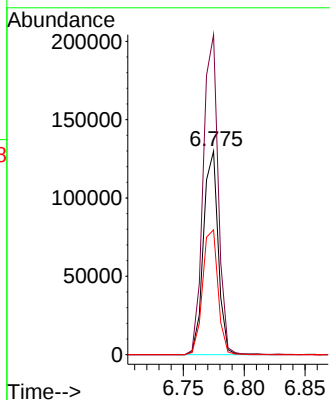
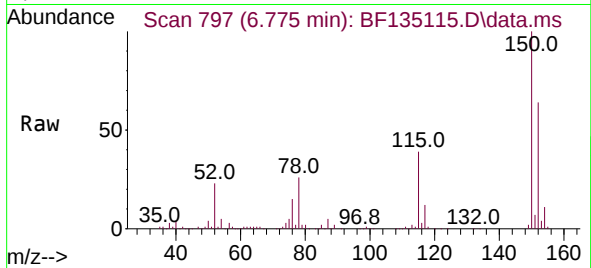




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

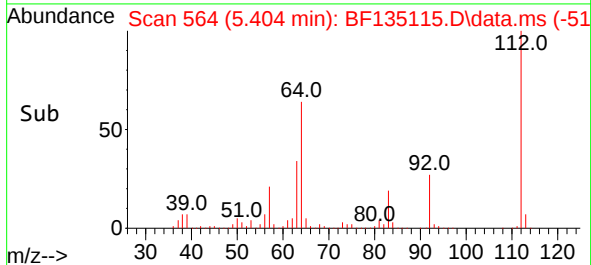
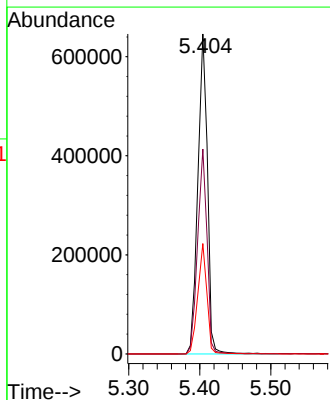
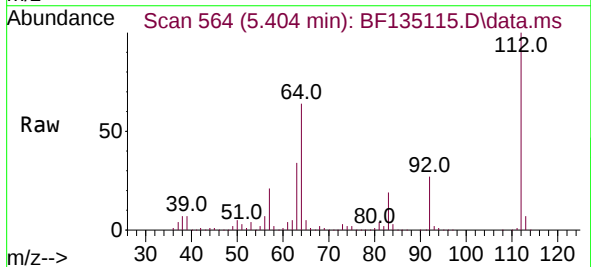
Instrument :
BNA_F
ClientSampleId :
SB-3(12-12.5)

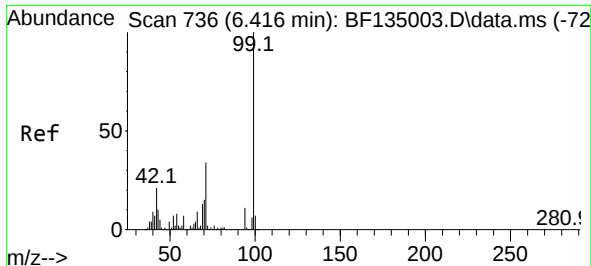
Tgt Ion:152 Resp: 109371
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.4
115 61.3 51.2 76.8



#5
2-Fluorophenol
Concen: 85.493 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

Tgt Ion:112 Resp: 605356
Ion Ratio Lower Upper
112 100
64 64.0 50.5 75.7
63 34.5 25.9 38.9

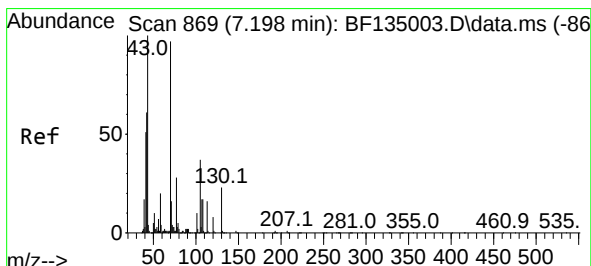
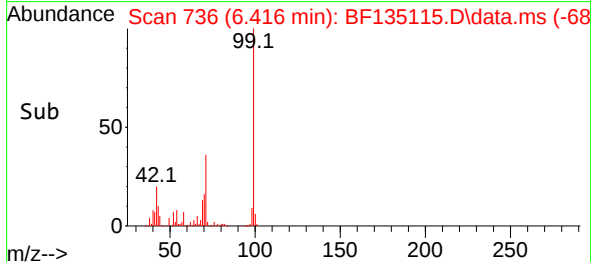
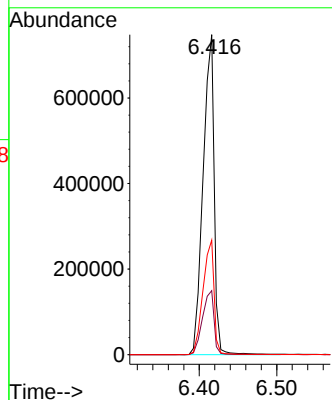
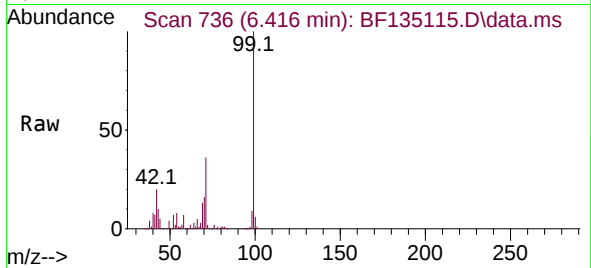




#7
Phenol-d6
Concen: 84.052 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

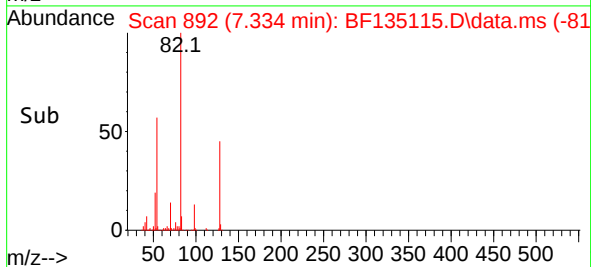
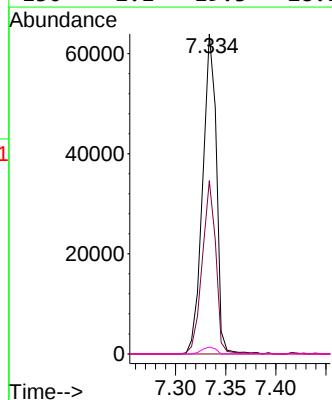
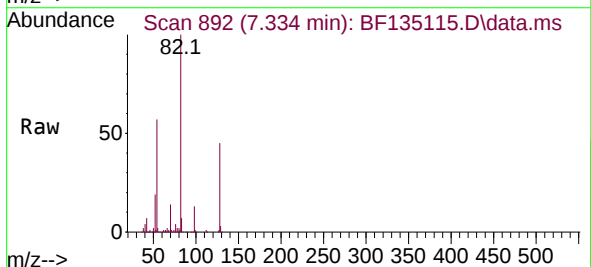
Instrument :
BNA_F
ClientSampleId :
SB-3(12-12.5)

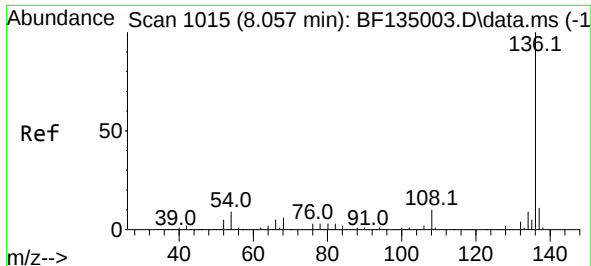
Tgt Ion: 99 Resp: 741818
Ion Ratio Lower Upper
99 100
42 20.0 16.6 25.0
71 35.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.611 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

Tgt Ion: 70 Resp: 60872
Ion Ratio Lower Upper
70 100
42 54.1 50.2 75.4
101 0.0 8.1 12.1#
130 2.1 19.3 28.9#

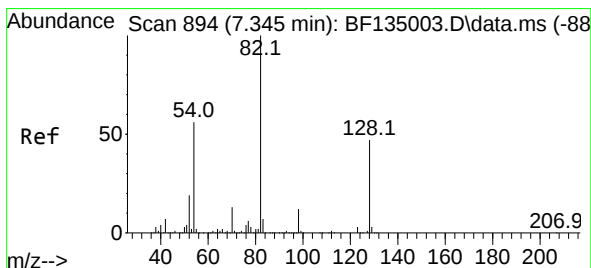
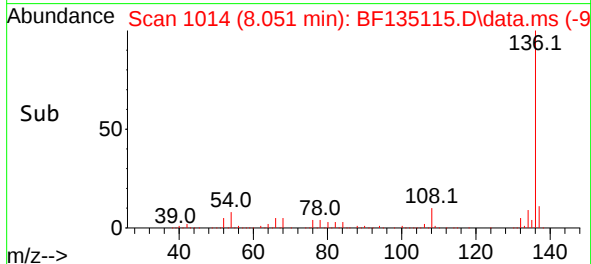
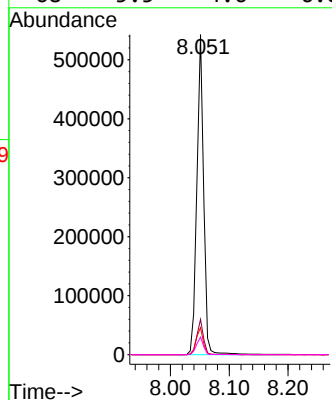
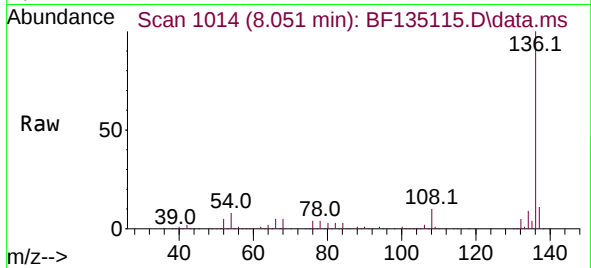




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

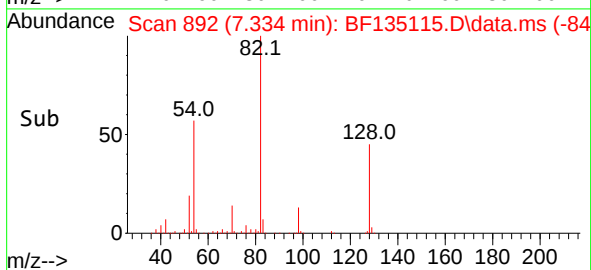
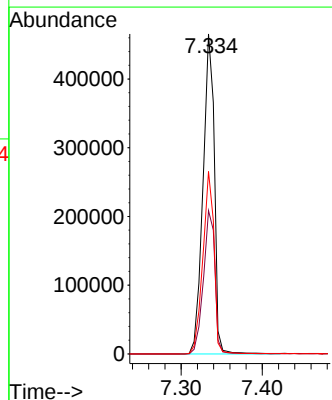
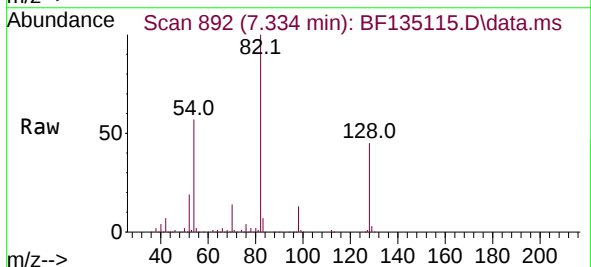
Instrument :
BNA_F
ClientSampleId :
SB-3(12-12.5)

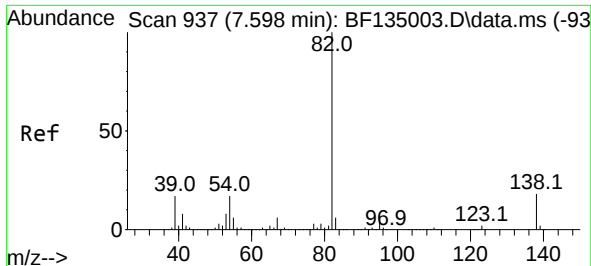
Tgt Ion:136 Resp: 436897
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.4 7.0 10.4
68 5.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 58.080 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

Tgt Ion: 82 Resp: 451666
Ion Ratio Lower Upper
82 100
128 44.8 37.8 56.8
54 57.0 45.0 67.6

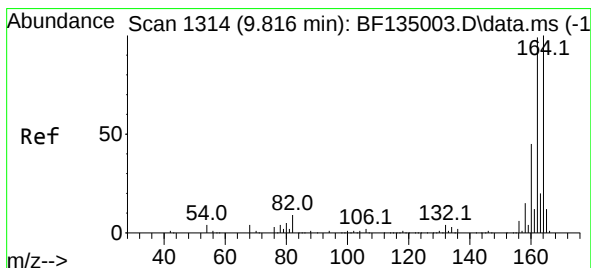
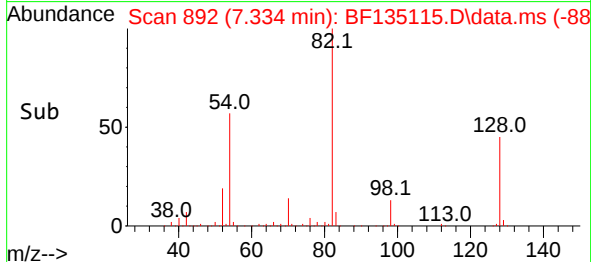
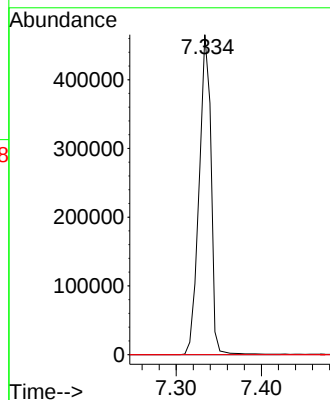
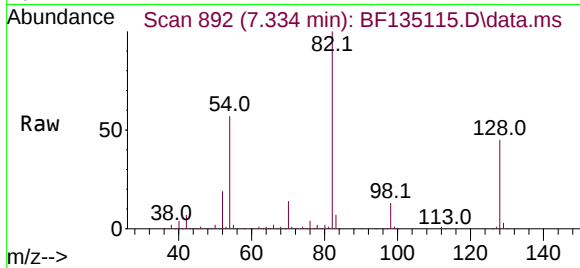




#25
Isophorone
Concen: 30.633 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

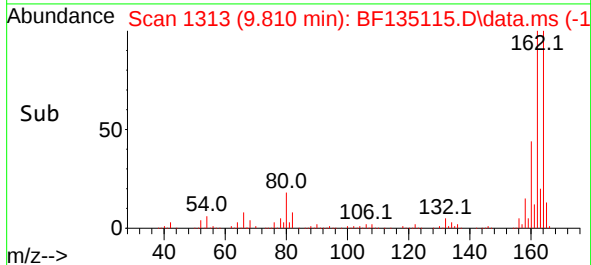
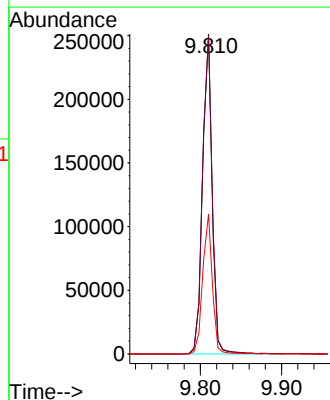
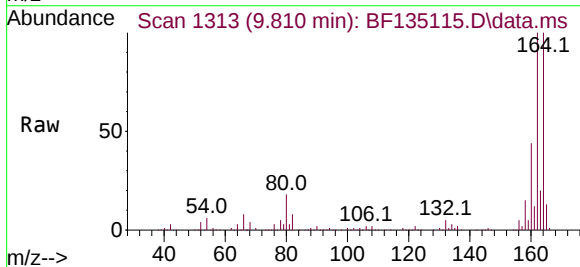
Instrument :
BNA_F
ClientSampleId :
SB-3(12-12.5)

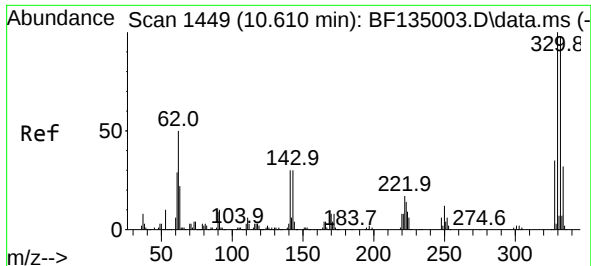
Tgt Ion: 82 Resp: 451660
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

Tgt Ion:164 Resp: 204459
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 43.7 36.0 54.0

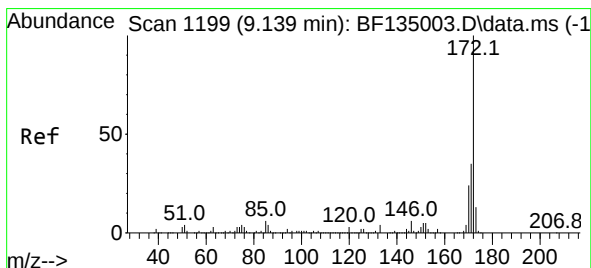
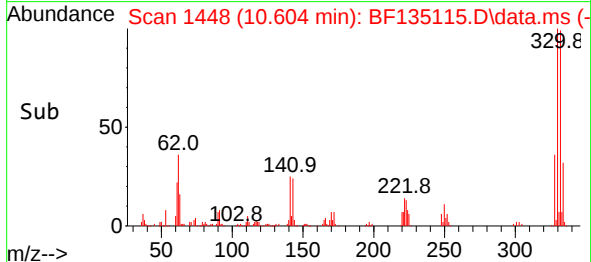
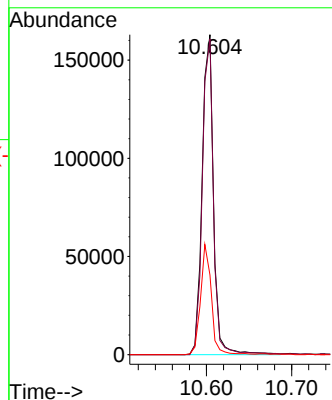
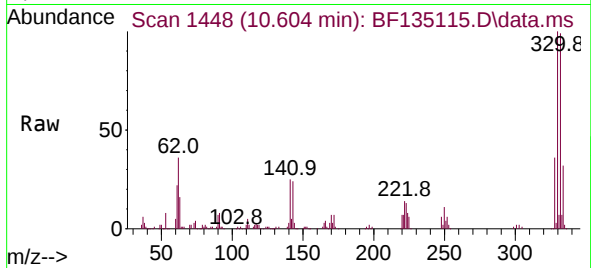




#42
 2,4,6-Tribromophenol
 Concen: 69.398 ng
 RT: 10.604 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: BF135115.D
 Acq: 06 Sep 2023 02:48

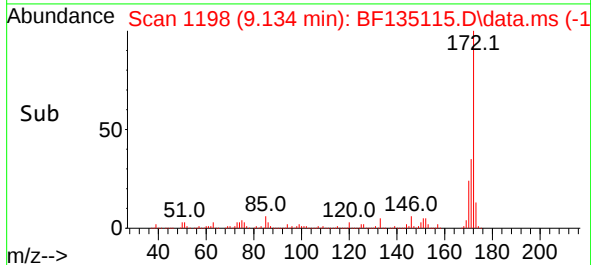
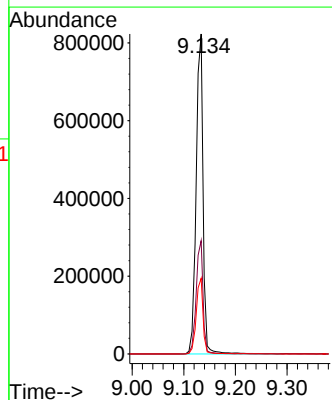
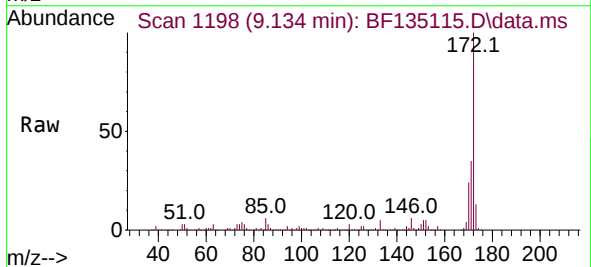
Instrument :
 BNA_F
 ClientSampleId :
 SB-3(12-12.5)

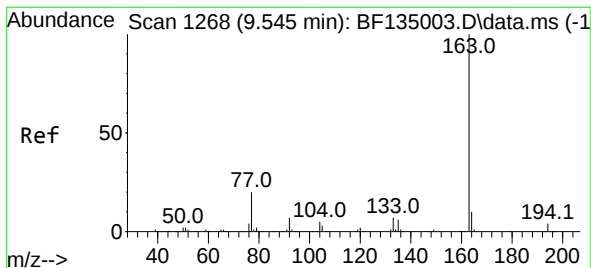
Tgt Ion:330 Resp: 150516
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.6 116.4
 141 32.6 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 60.850 ng
 RT: 9.134 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: BF135115.D
 Acq: 06 Sep 2023 02:48

Tgt Ion:172 Resp: 764157
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.2
 170 23.6 19.0 28.4





#50

Dimethylphthalate

Concen: 2.781 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.265 min

Lab File: BF135115.D

Acq: 06 Sep 2023 02:48

Instrument :

BNA_F

ClientSampleId :

SB-3(12-12.5)

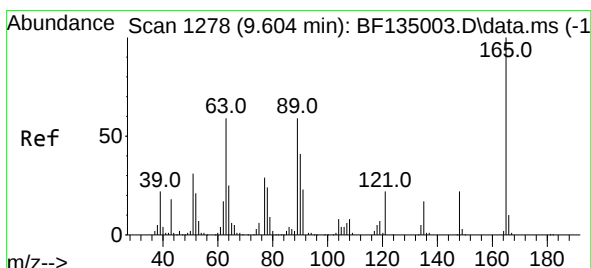
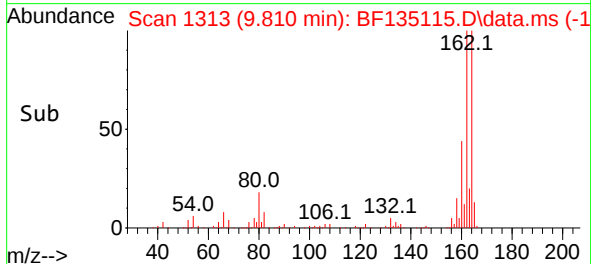
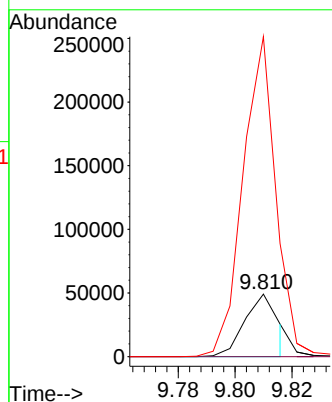
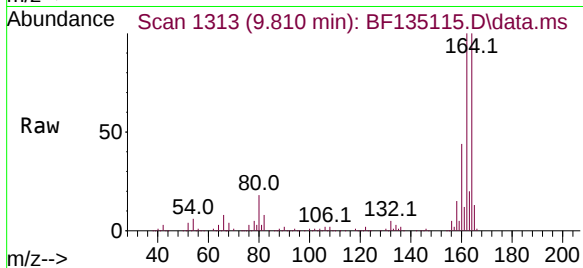
Tgt Ion:163 Resp: 39808

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 511.7 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.300 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.206 min

Lab File: BF135115.D

Acq: 06 Sep 2023 02:48

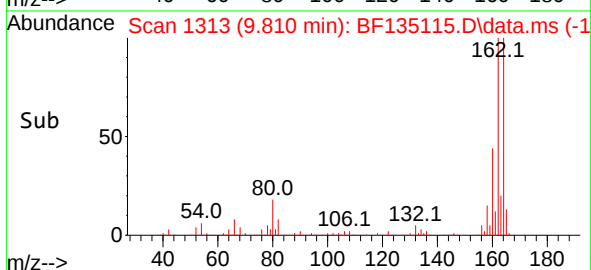
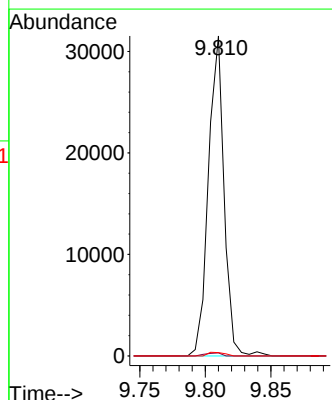
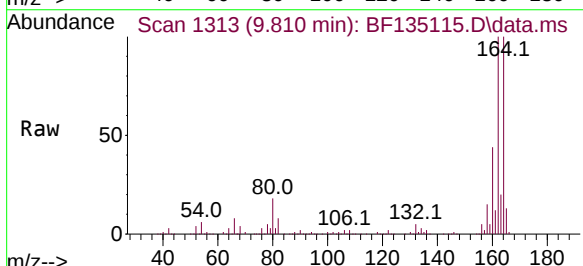
Tgt Ion:165 Resp: 26074

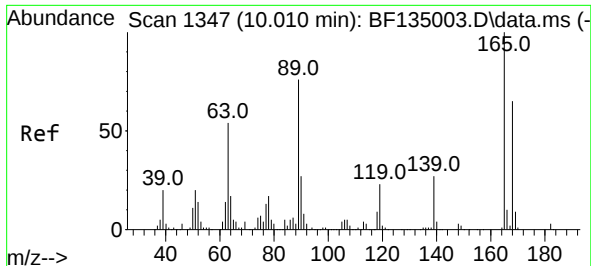
Ion Ratio Lower Upper

165 100

63 0.9 50.4 75.6#

89 1.0 47.1 70.7#

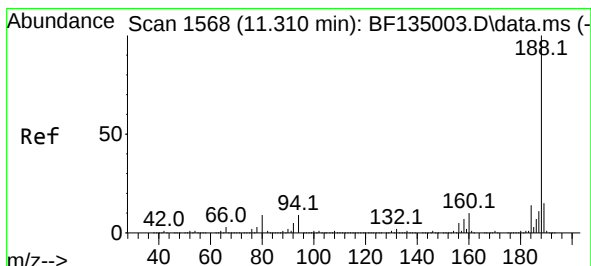
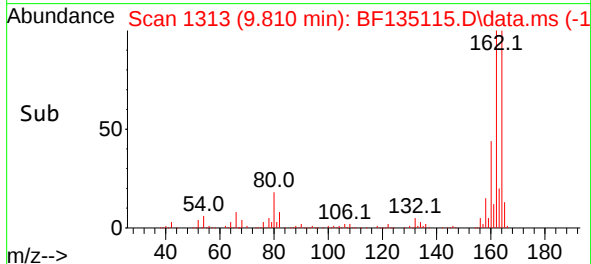
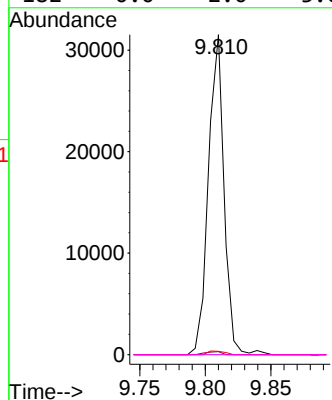
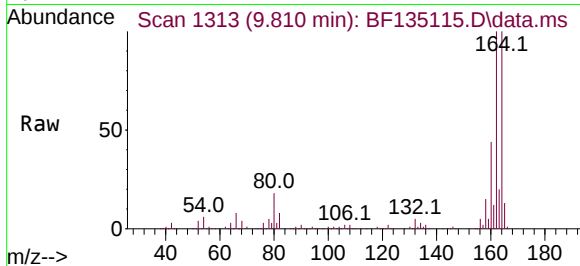




#57
2,4-Dinitrotoluene
Concen: 6.660 ng
RT: 9.810 min Scan# 1347
Delta R.T. -0.200 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

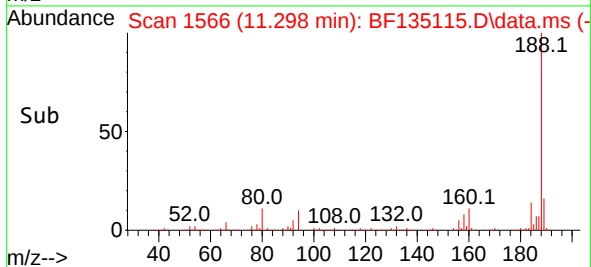
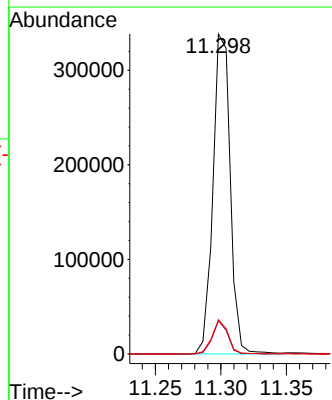
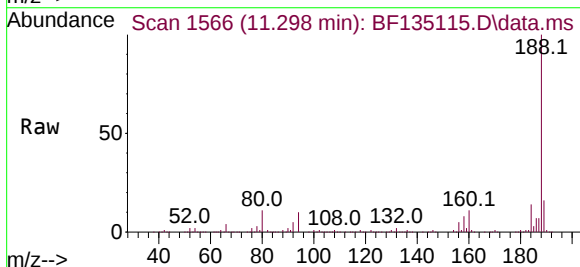
Instrument :
BNA_F
ClientSampleId :
SB-3(12-12.5)

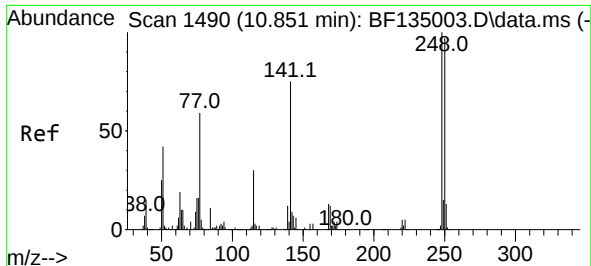
Tgt Ion:165	Resp:	26074
Ion Ratio	Lower	Upper
165	100	
63	0.9	43.2 64.8#
89	1.0	60.8 91.2#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

Tgt Ion:188	Resp:	311333
Ion Ratio	Lower	Upper
188	100	
94	10.3	7.0 10.4
80	10.7	7.4 11.2

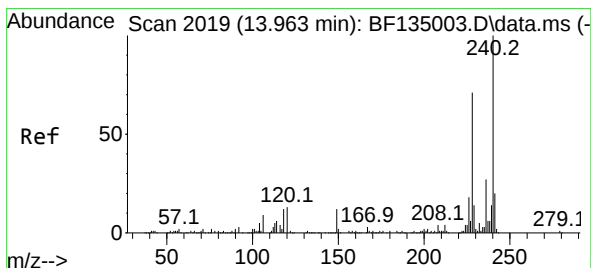
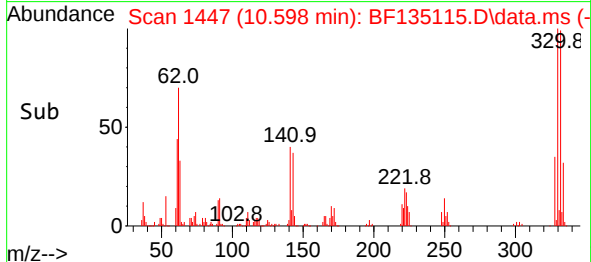
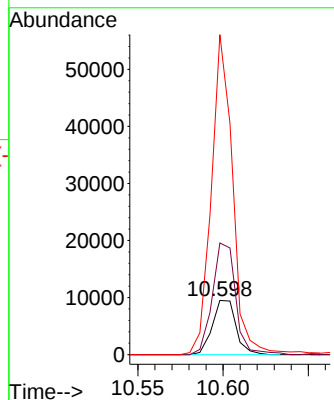
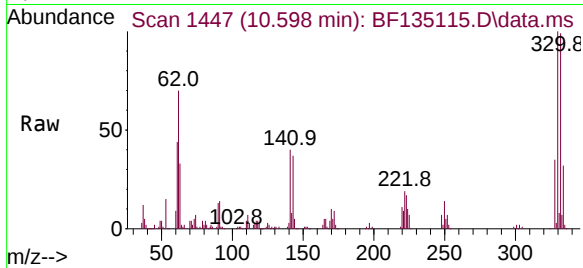




#67
4-Bromophenyl-phenylether
Concen: 2.775 ng
RT: 10.598 min Scan# 1490
Delta R.T. -0.253 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

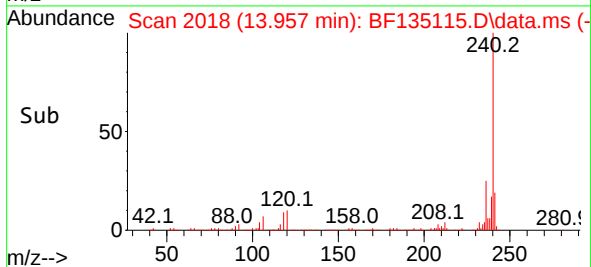
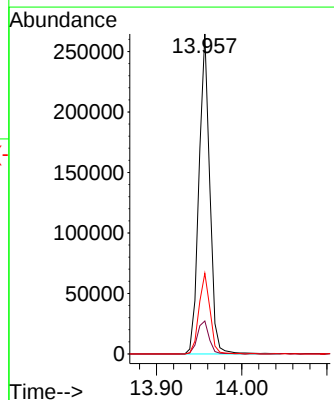
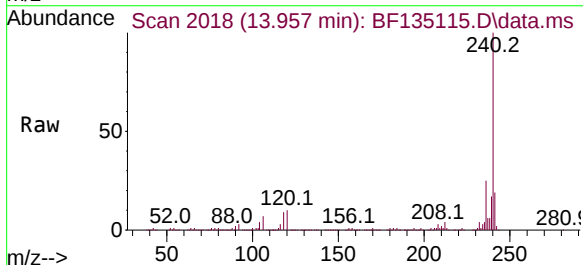
Instrument :
BNA_F
ClientSampleId :
SB-3(12-12.5)

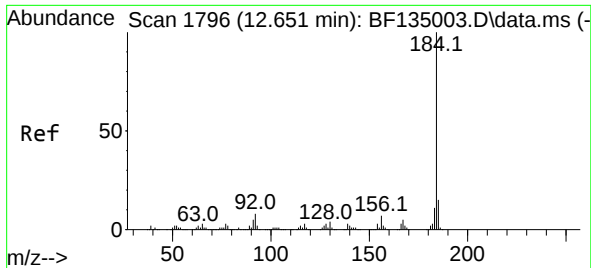
Tgt Ion:248 Resp: 9165
Ion Ratio Lower Upper
248 100
250 205.8 77.9 116.9#
141 590.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

Tgt Ion:240 Resp: 232368
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.2
236 25.2 21.3 31.9

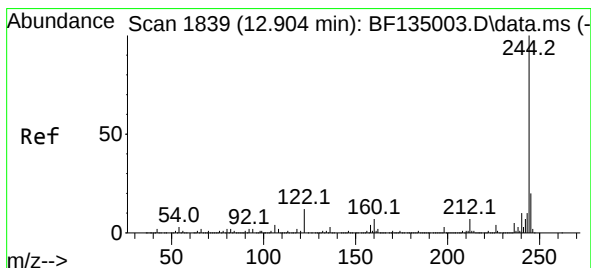
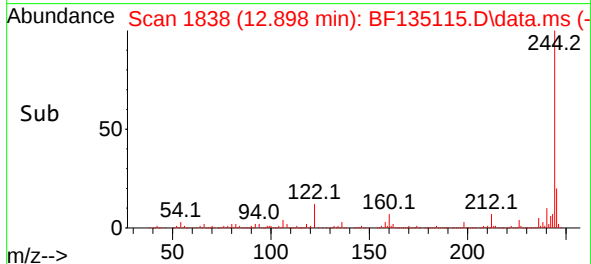
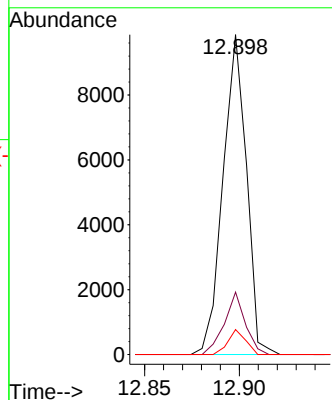
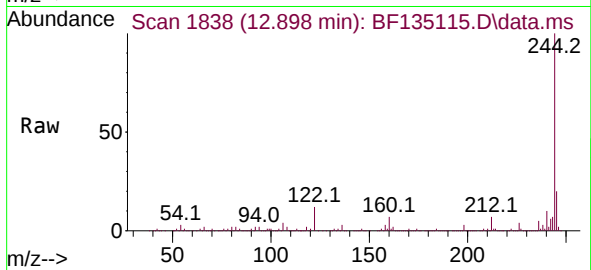




#77
Benzidine
Concen: 2.023 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

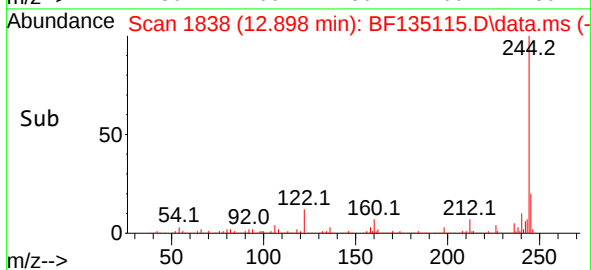
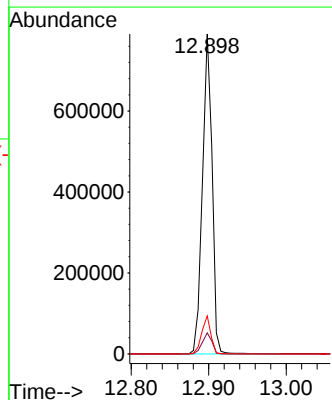
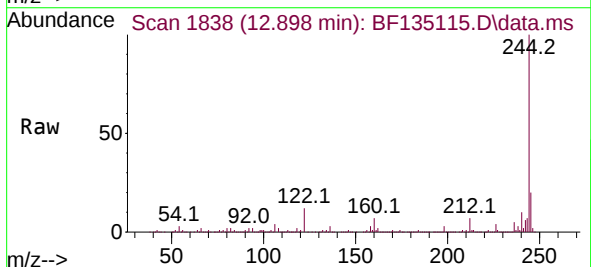
Instrument :
BNA_F
ClientSampleId :
SB-3(12-12.5)

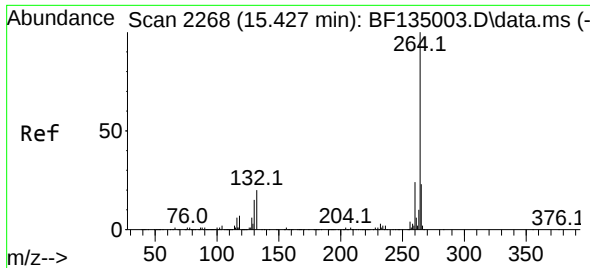
Tgt Ion:184 Resp: 8475
Ion Ratio Lower Upper
184 100
185 19.5 12.0 18.0#
183 7.8 9.0 13.6#



#79
Terphenyl-d14
Concen: 47.896 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

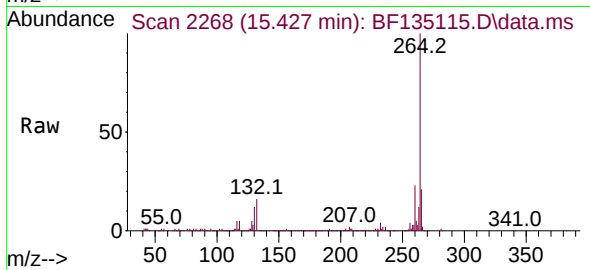
Tgt Ion:244 Resp: 681993
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 11.9 9.8 14.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135115.D
Acq: 06 Sep 2023 02:48

Instrument :
BNA_F
ClientSampleId :
SB-3(12-12.5)



Tgt Ion:264 Resp: 203253

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	20.9	18.2	27.2

