

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135659.D
 Acq On : 09 Oct 2023 19:38
 Operator : CG\JU
 Sample : 04731-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTP-1

Quant Time: Oct 10 02:27:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

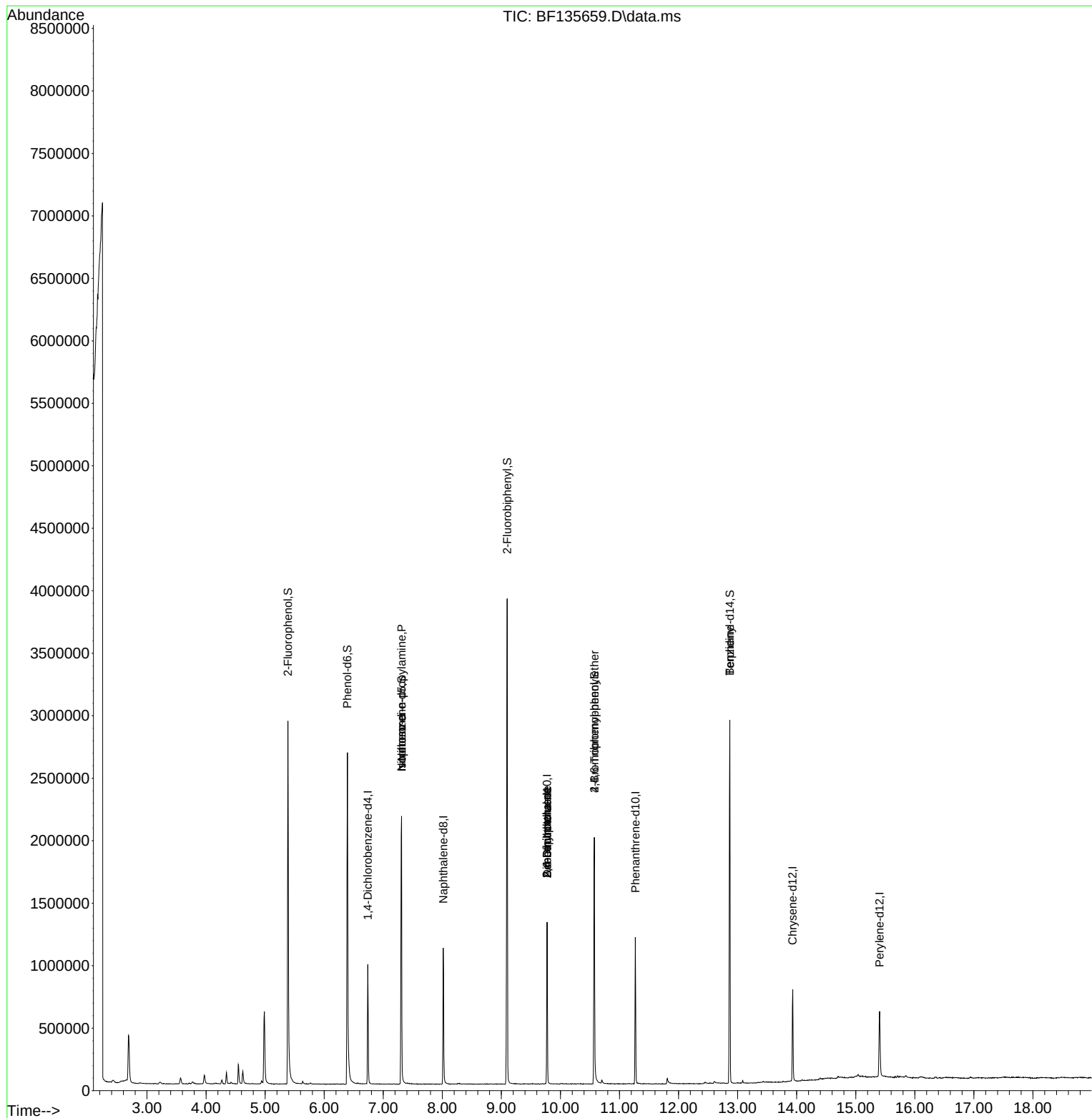
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	129002	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	487652	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	243451	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	401067	20.000	ng	0.00
76) Chrysene-d12	13.933	240	254136	20.000	ng	0.00
86) Perylene-d12	15.404	264	271009	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	834084	105.161	ng	0.02
7) Phenol-d6	6.392	99	949039	94.100	ng	0.00
23) Nitrobenzene-d5	7.310	82	727565	81.058	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	262963	108.693	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1272783	78.877	ng	0.00
79) Terphenyl-d14	12.868	244	1060673	64.699	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	96570	15.459	ng	# 79
25) Isophorone	7.310	82	727560	44.143	ng	# 65
50) Dimethylphthalate	9.775	163	45840	2.785	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	31383	8.703	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	31383	6.952	ng	# 19
67) 4-Bromophenyl-phenylether	10.574	248	15909	3.988	ng	# 1
77) Benzidine	12.868	184	13457	2.585	ng	# 95

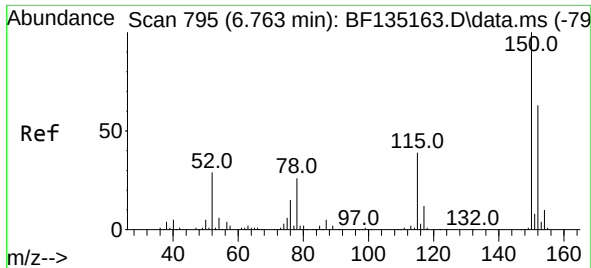
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
Data File : BF135659.D
Acq On : 09 Oct 2023 19:38
Operator : CG\JU
Sample : 04731-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DTP-1

Quant Time: Oct 10 02:27:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

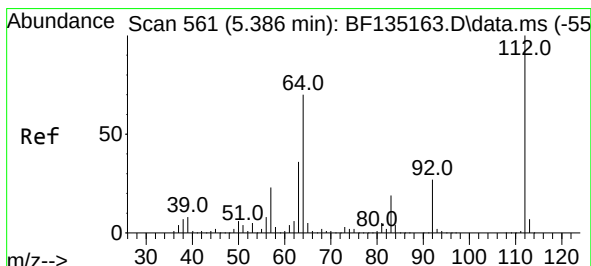
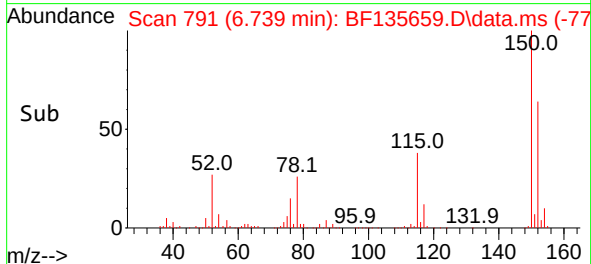
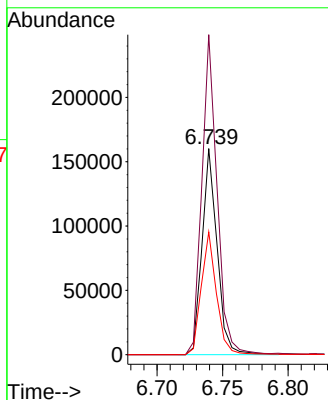
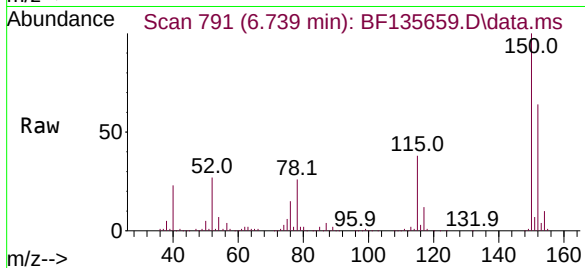




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

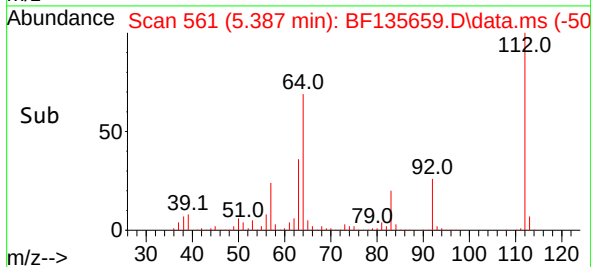
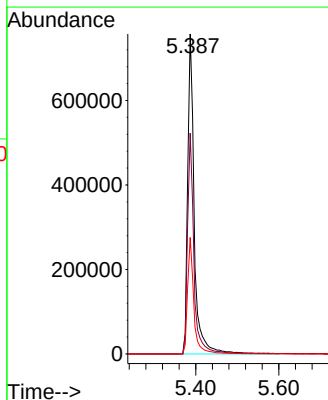
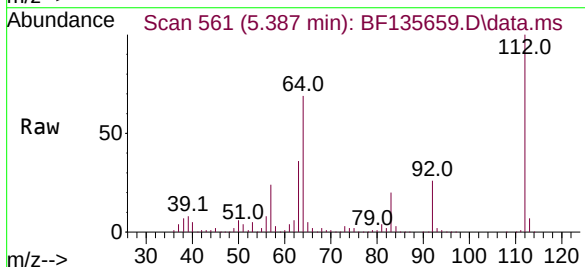
Instrument :
BNA_F
ClientSampleId :
DTP-1

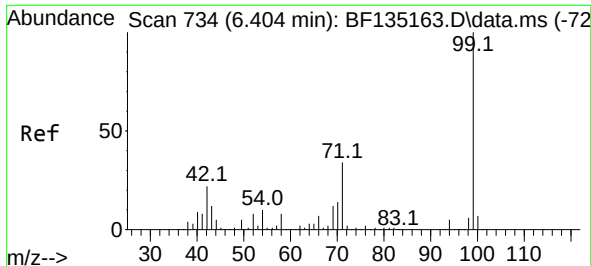
Tgt Ion:152 Resp: 129002
Ion Ratio Lower Upper
152 100
150 155.3 127.8 191.6
115 59.5 49.8 74.8



#5
2-Fluorophenol
Concen: 105.161 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

Tgt Ion:112 Resp: 834084
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 36.4 29.0 43.6





#7

Phenol-d6

Concen: 94.100 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135659.D

Acq: 09 Oct 2023 19:38

Instrument :

BNA_F

ClientSampleId :

DTP-1

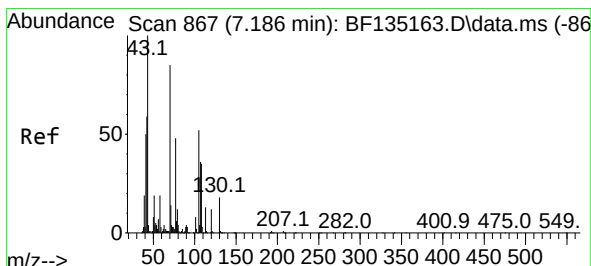
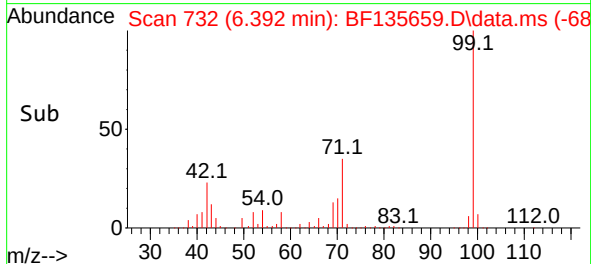
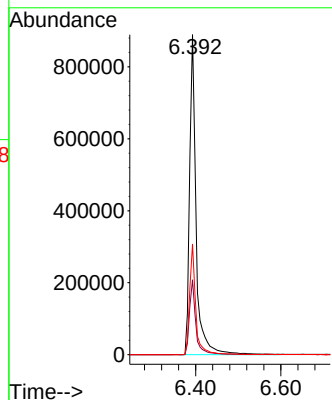
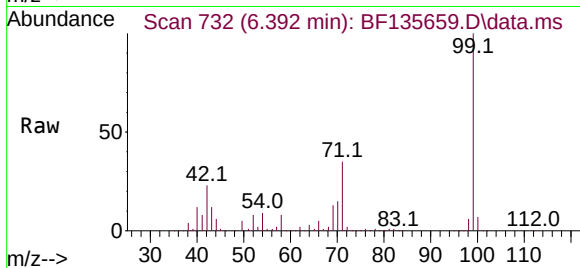
Tgt Ion: 99 Resp: 949039

Ion Ratio Lower Upper

99 100

42 23.4 17.9 26.9

71 34.6 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.459 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.153 min

Lab File: BF135659.D

Acq: 09 Oct 2023 19:38

Tgt Ion: 70 Resp: 96570

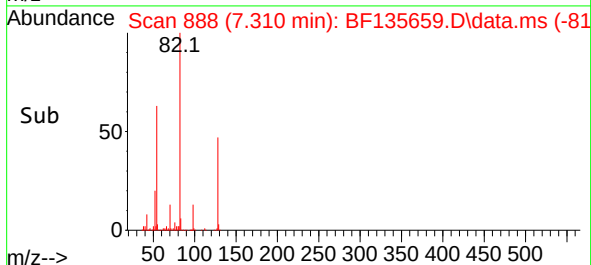
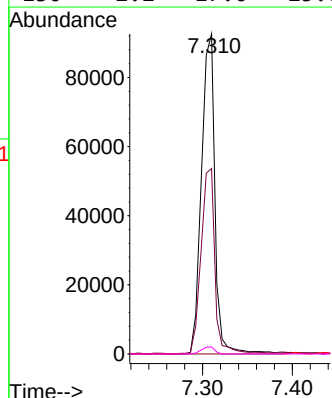
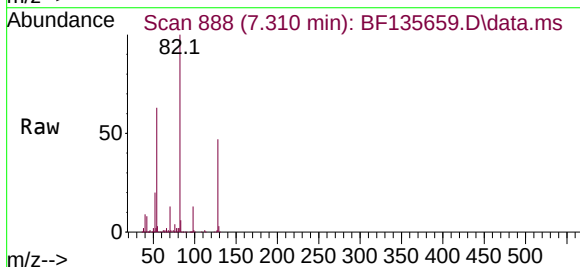
Ion Ratio Lower Upper

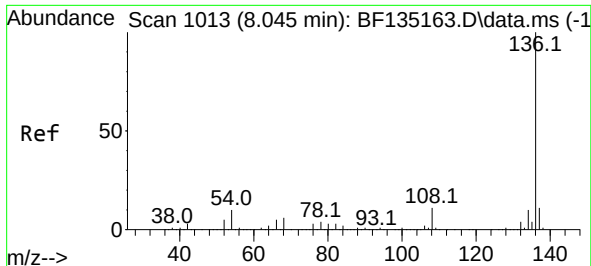
70 100

42 58.0 55.4 83.0

101 0.0 7.7 11.5#

130 2.2 17.0 25.6#



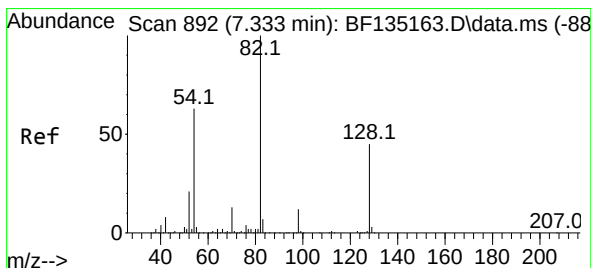
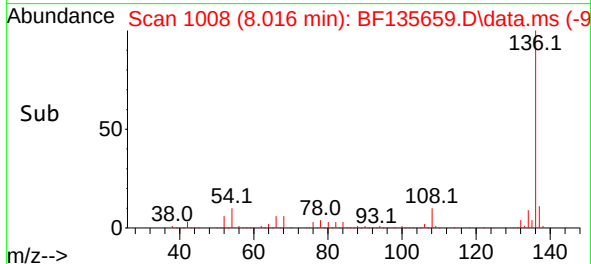
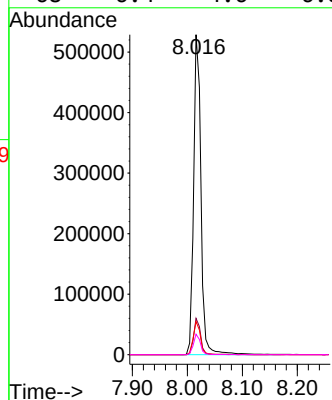
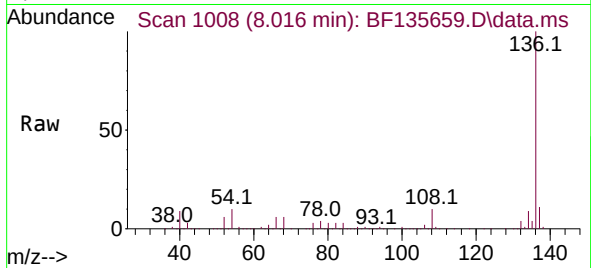


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

Instrument :
BNA_F
ClientSampleId :
DTP-1

Tgt Ion:136 Resp: 487652

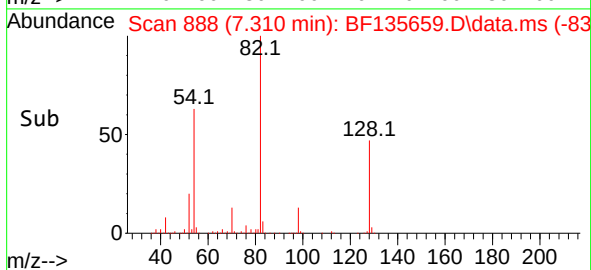
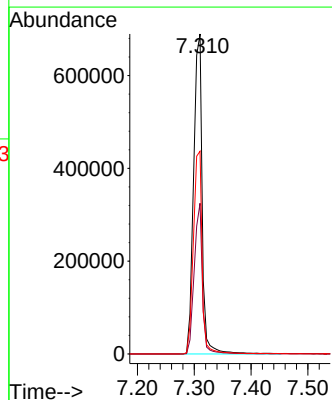
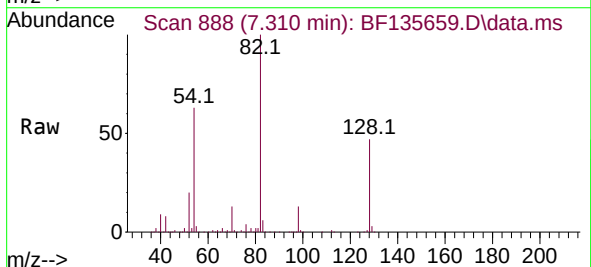
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.4	7.7	11.5
68	6.4	4.6	6.8

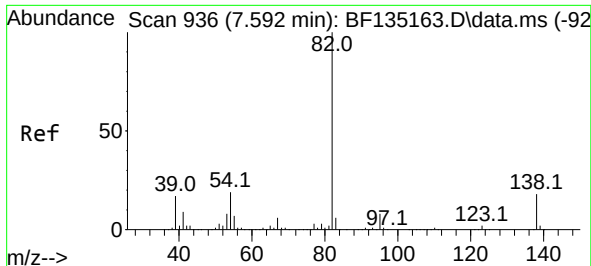


#23
Nitrobenzene-d5
Concen: 81.058 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

Tgt Ion: 82 Resp: 727565

Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.8	53.6
54	63.3	50.6	76.0

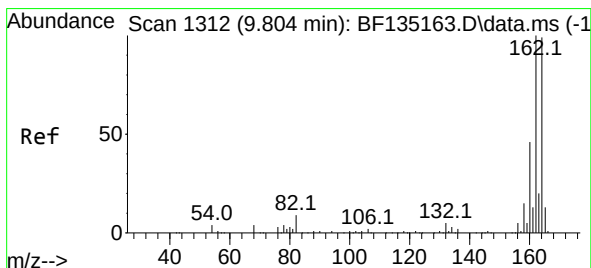
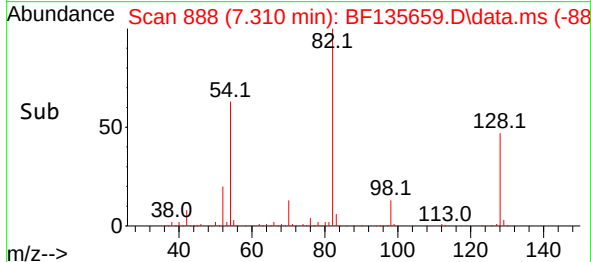
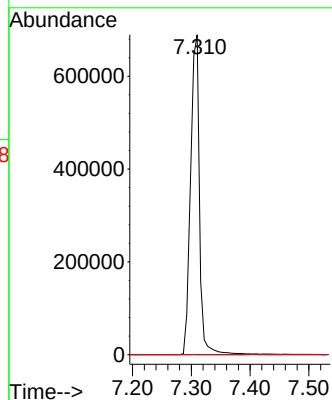
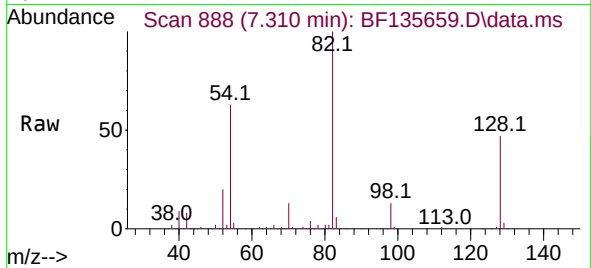




#25
Isophorone
Concen: 44.143 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

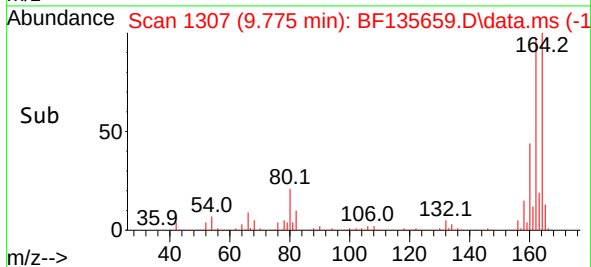
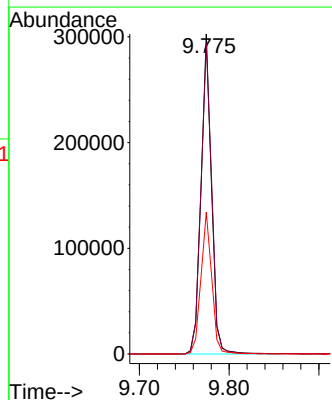
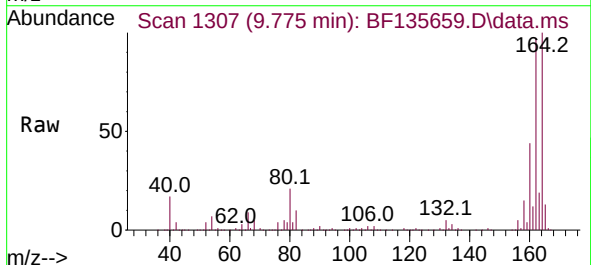
Instrument :
BNA_F
ClientSampleId :
DTP-1

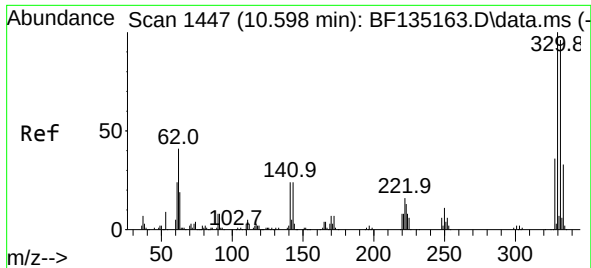
Tgt Ion: 82 Resp: 727560
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

Tgt Ion:164 Resp: 243451
Ion Ratio Lower Upper
164 100
162 97.0 81.0 121.4
160 44.3 37.0 55.4

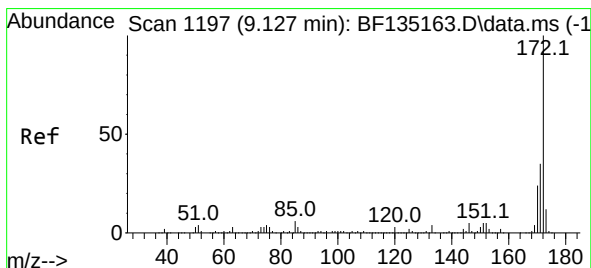
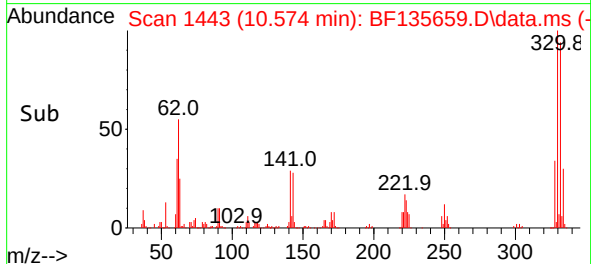
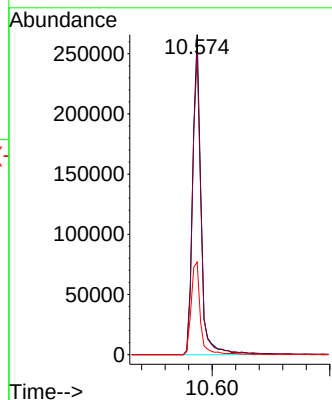
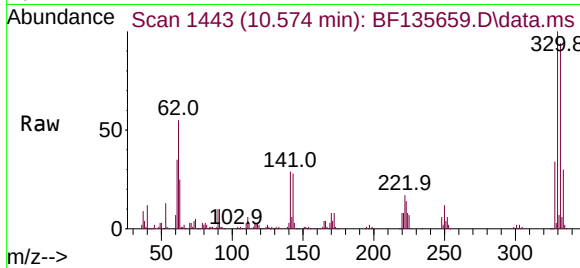




#42
 2,4,6-Tribromophenol
 Concen: 108.693 ng
 RT: 10.574 min Scan# 1443
 Delta R.T. 0.006 min
 Lab File: BF135659.D
 Acq: 09 Oct 2023 19:38

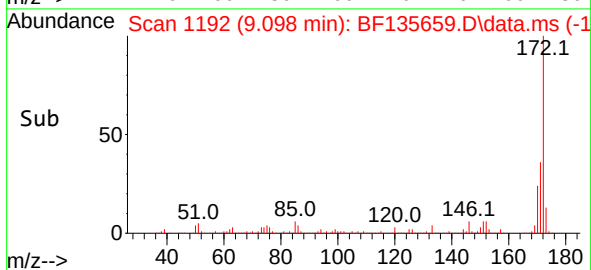
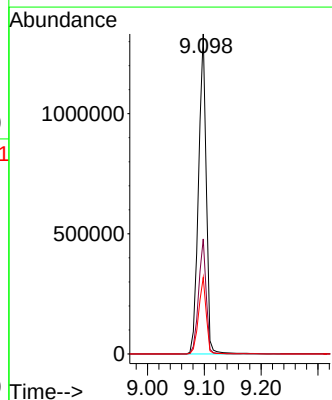
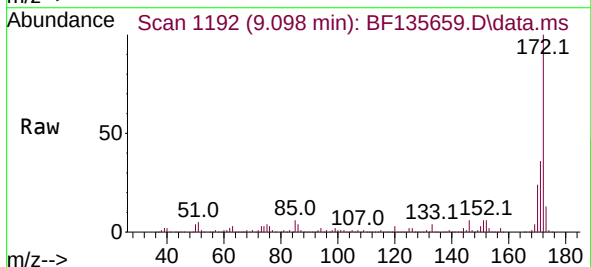
Instrument :
 BNA_F
 ClientSampleId :
 DTP-1

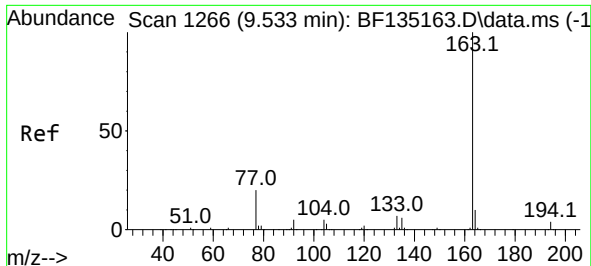
Tgt Ion:330 Resp: 262963
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 31.8 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 78.877 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BF135659.D
 Acq: 09 Oct 2023 19:38

Tgt Ion:172 Resp: 1272783
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.4 42.6
 170 23.9 19.0 28.4

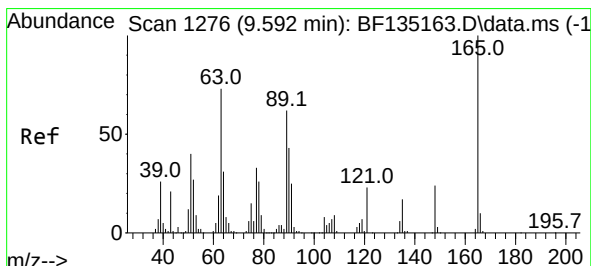
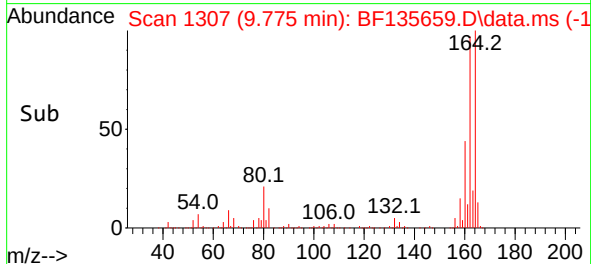
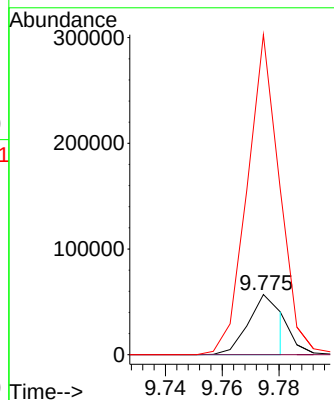
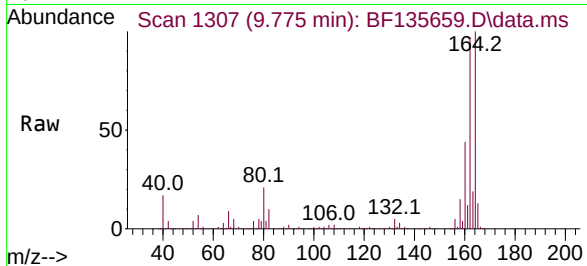




#50
Dimethylphthalate
Concen: 2.785 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

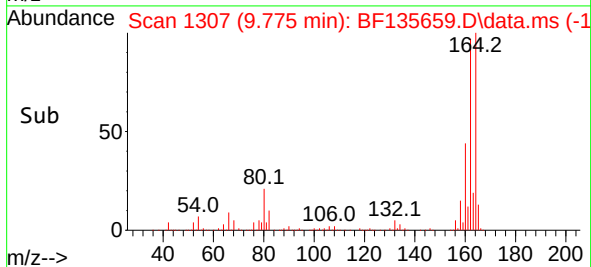
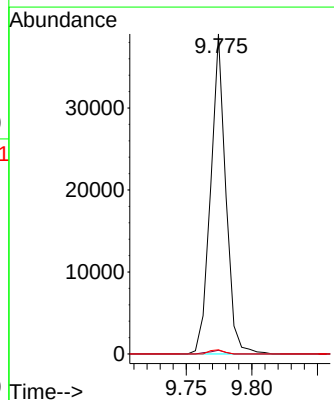
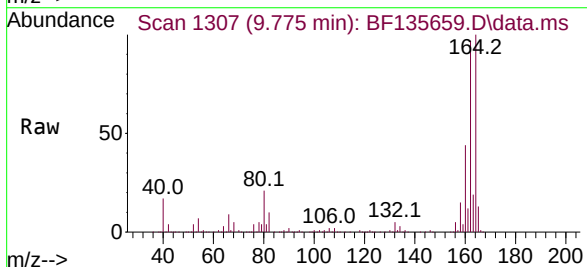
Instrument :
BNA_F
ClientSampleId :
DTP-1

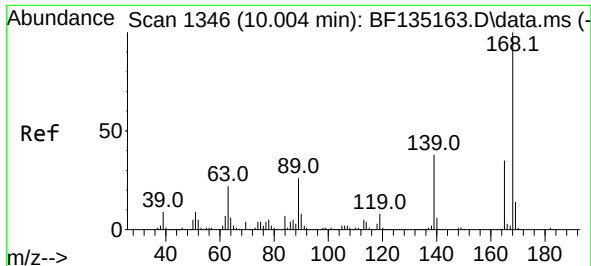
Tgt Ion:163 Resp: 45840
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 531.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.703 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

Tgt Ion:165 Resp: 31383
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.3 49.8 74.8#

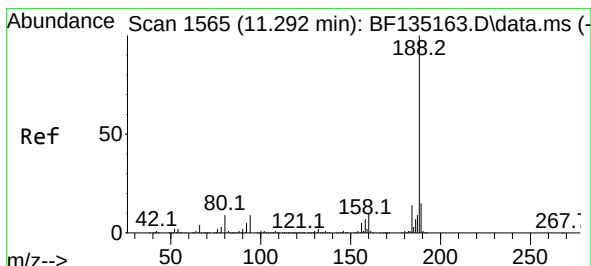
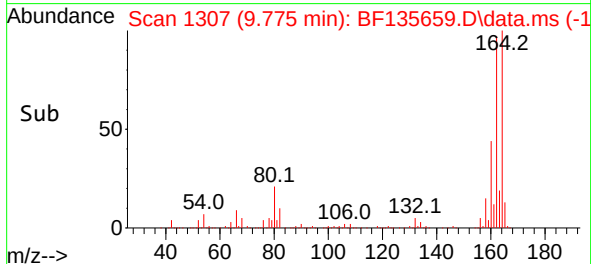
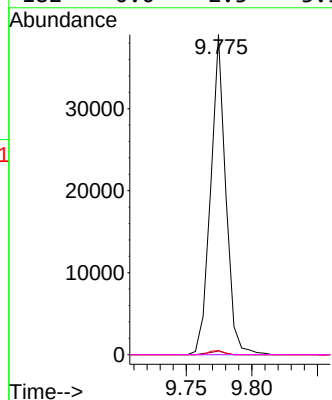
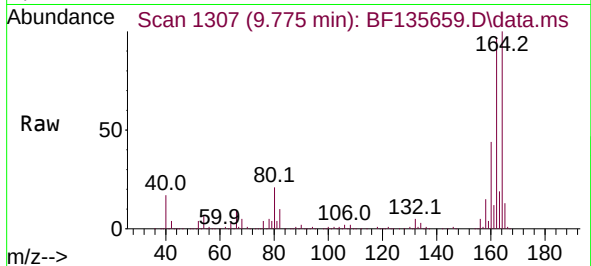




#57
2,4-Dinitrotoluene
Concen: 6.952 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

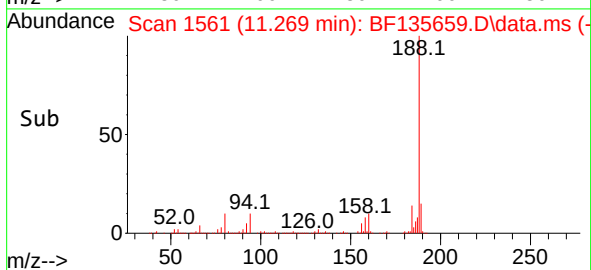
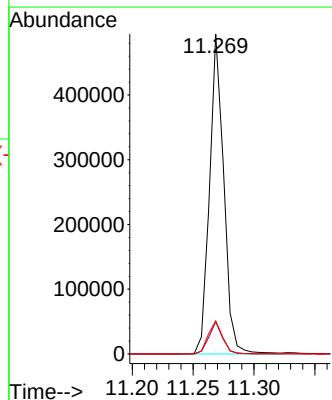
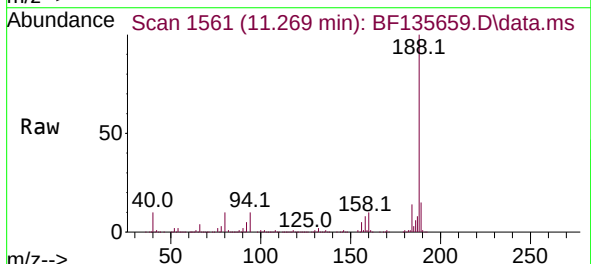
Instrument :
BNA_F
ClientSampleId :
DTP-1

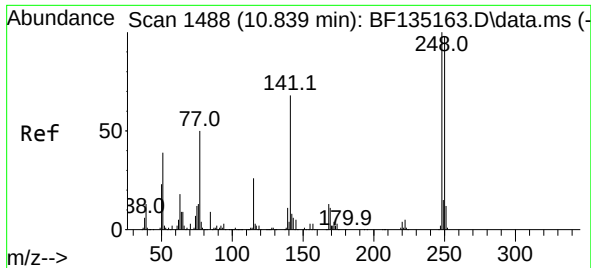
Tgt Ion:165 Resp: 31383
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

Tgt Ion:188 Resp: 401067
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.4 7.5 11.3

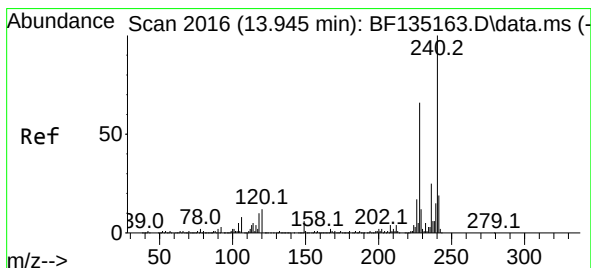
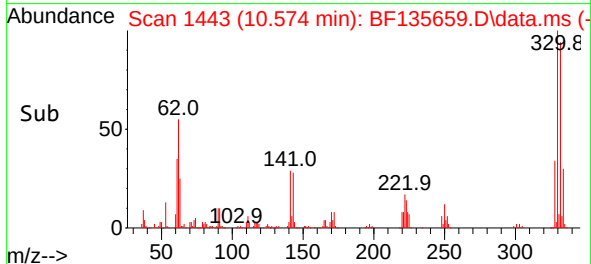
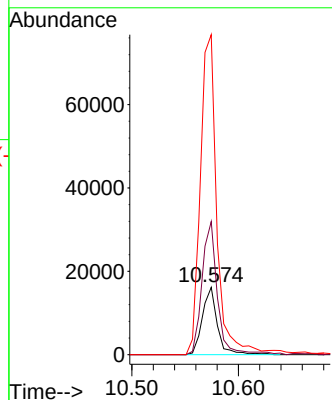
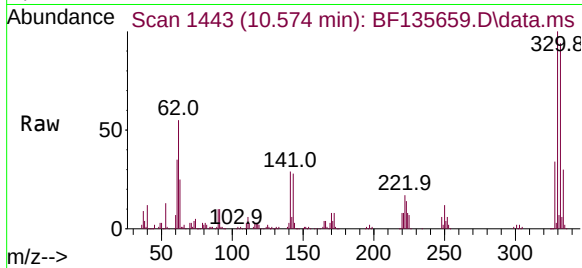




#67
4-Bromophenyl-phenylether
Concen: 3.988 ng
RT: 10.574 min Scan# 1488
Delta R.T. -0.235 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

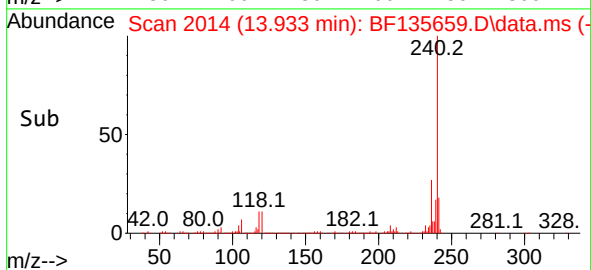
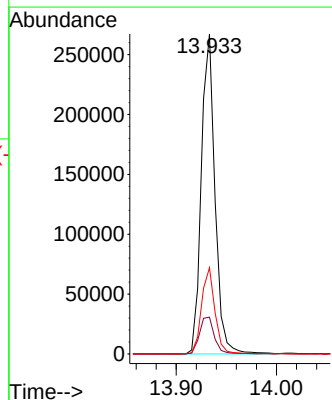
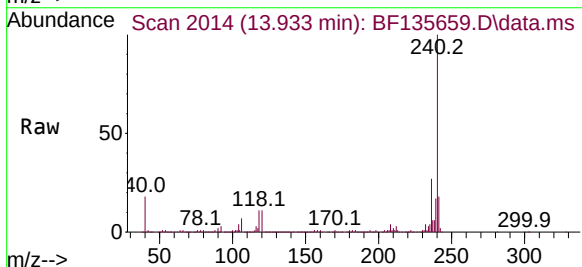
Instrument :
BNA_F
ClientSampleId :
DTP-1

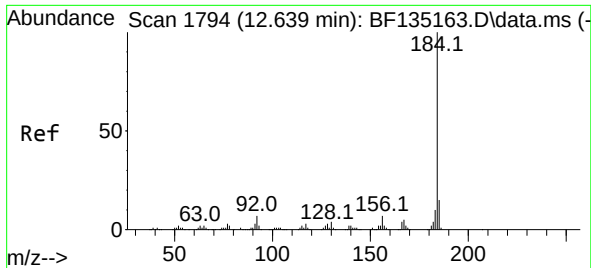
Tgt Ion:248 Resp: 15909
Ion Ratio Lower Upper
248 100
250 197.4 78.6 117.8#
141 474.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

Tgt Ion:240 Resp: 254136
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 27.0 19.8 29.8

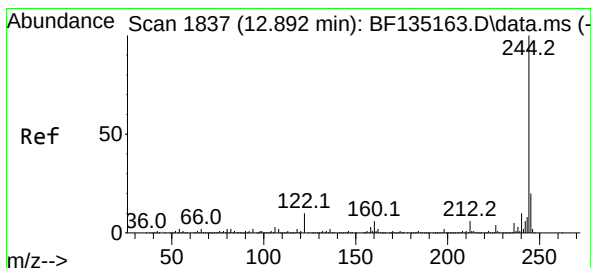
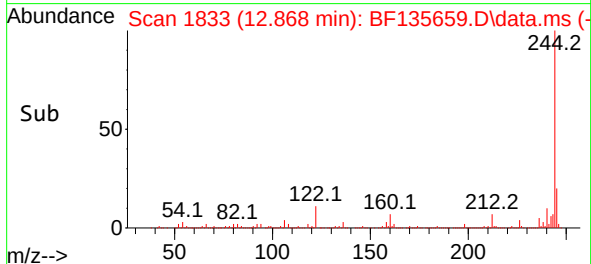
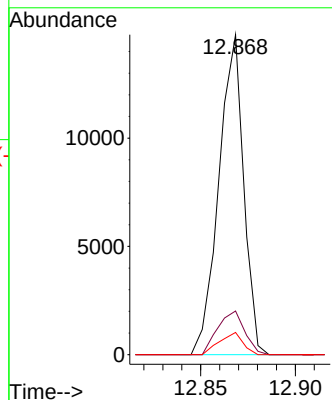
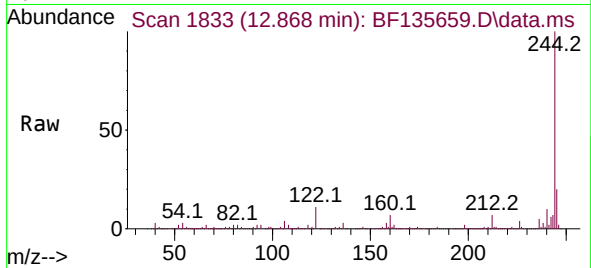




#77
Benzidine
Concen: 2.585 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.253 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

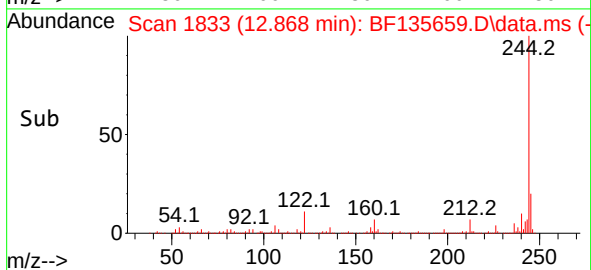
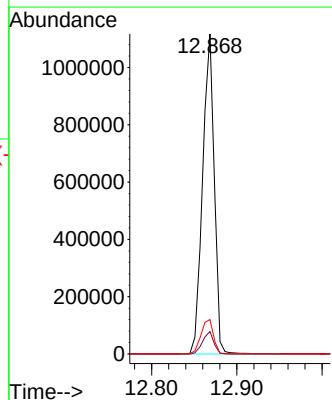
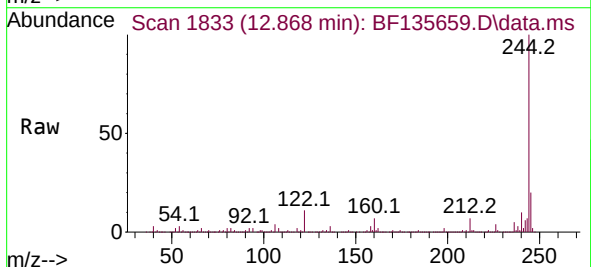
Instrument :
BNA_F
ClientSampleId :
DTP-1

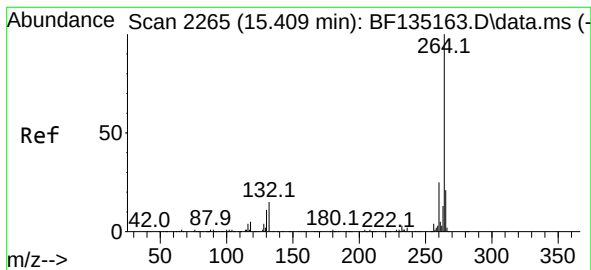
Tgt Ion:184 Resp: 13457
Ion Ratio Lower Upper
184 100
185 13.6 11.7 17.5
183 7.0 8.2 12.4#



#79
Terphenyl-d14
Concen: 64.699 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BF135659.D
Acq: 09 Oct 2023 19:38

Tgt Ion:244 Resp: 1060673
Ion Ratio Lower Upper
244 100
212 7.0 5.1 7.7
122 10.8 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF135659.D
 Acq: 09 Oct 2023 19:38

Instrument :
 BNA_F
 ClientSampleId :
 DTP-1

Tgt Ion:264 Resp: 271009
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.2 17.0 25.4

