

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135287.D
 Acq On : 15 Sep 2023 19:22
 Operator : CG\JU
 Sample : 04399-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930

Quant Time: Sep 16 01:54:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

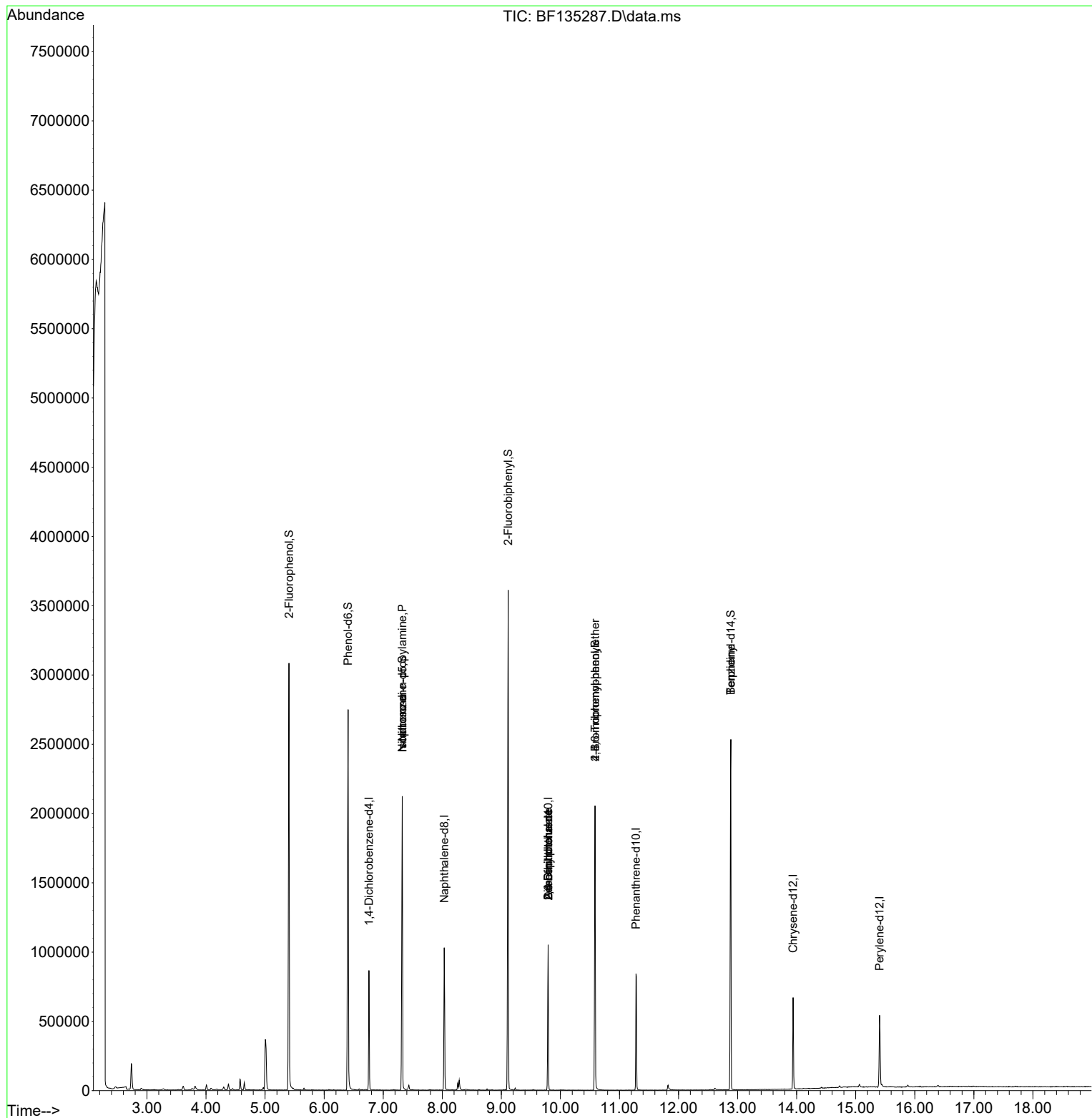
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	113567	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	426610	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	203274	20.000	ng	-0.01
64) Phenanthrene-d10	11.281	188	330344	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	209151	20.000	ng	0.00
86) Perylene-d12	15.404	264	247869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	805002	115.288	ng	0.02
7) Phenol-d6	6.404	99	923589	104.023	ng	0.00
23) Nitrobenzene-d5	7.322	82	672307	85.619	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	242612	120.102	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1173833	87.123	ng	-0.01
79) Terphenyl-d14	12.886	244	932882	69.144	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	89735	16.317	ng	# 78
25) Isophorone	7.322	82	672297	46.626	ng	# 65
50) Dimethylphthalate	9.792	163	42246	3.074	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	26049	8.652	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	26049	6.911	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	15943	4.853	ng	# 1
77) Benzidine	12.886	184	11936	2.786	ng	# 95

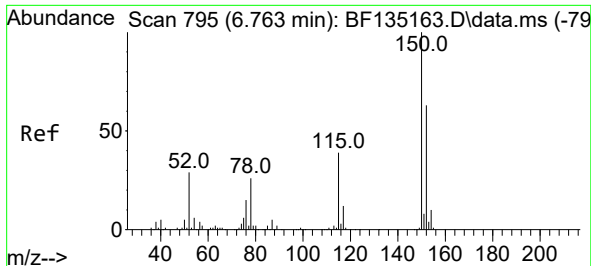
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
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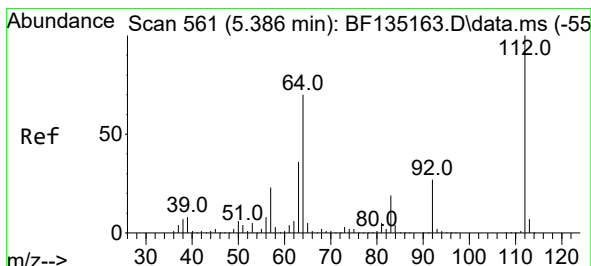
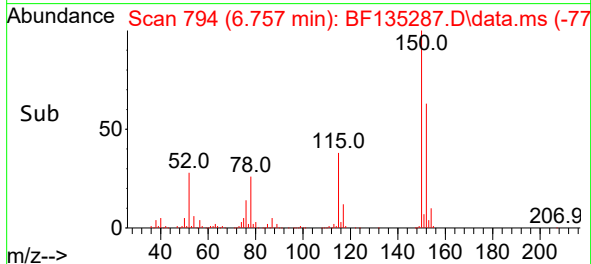
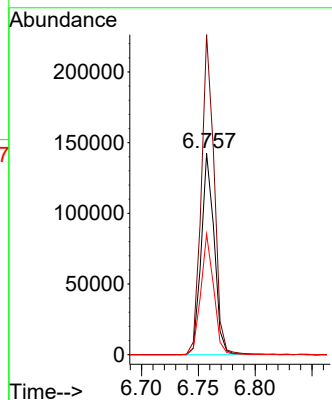
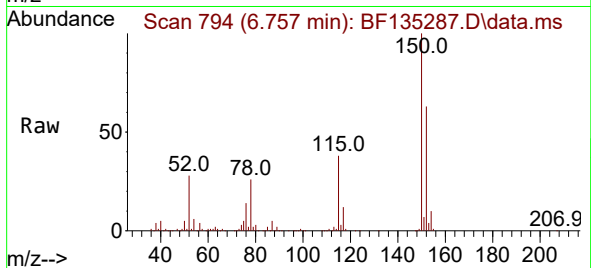




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

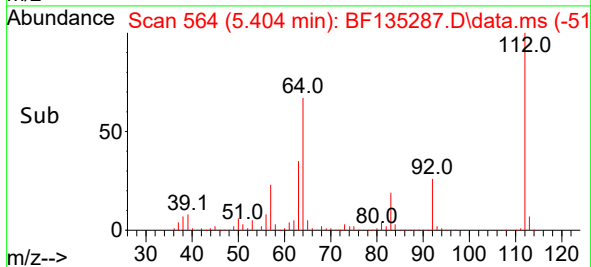
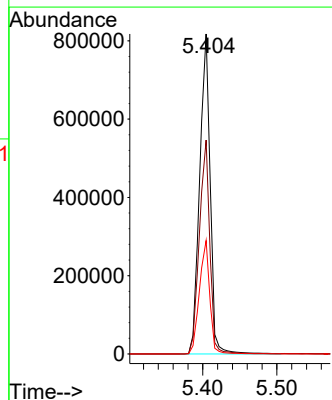
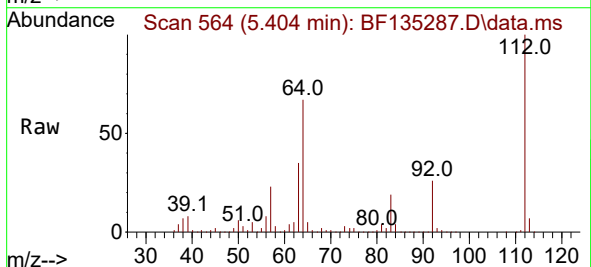
Instrument :
BNA_F
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72-11930

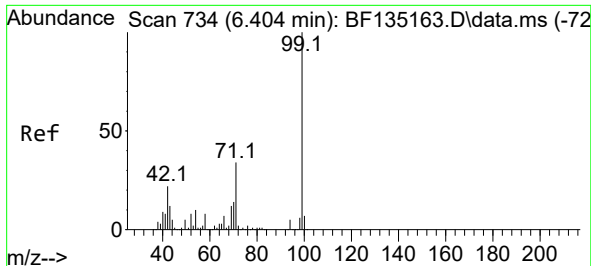
Tgt Ion:152 Resp: 113567
Ion Ratio Lower Upper
152 100
150 159.0 127.8 191.6
115 60.0 49.8 74.8



#5
2-Fluorophenol
Concen: 115.288 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

Tgt Ion:112 Resp: 805002
Ion Ratio Lower Upper
112 100
64 66.9 55.9 83.9
63 35.4 29.0 43.6

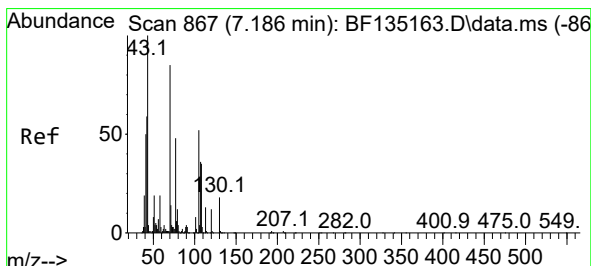
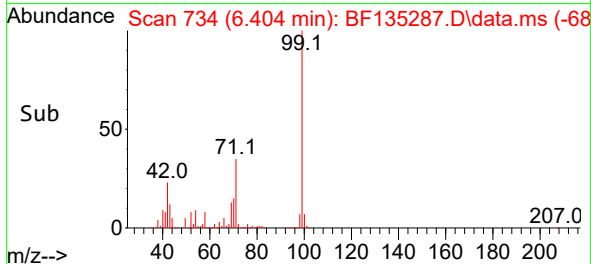
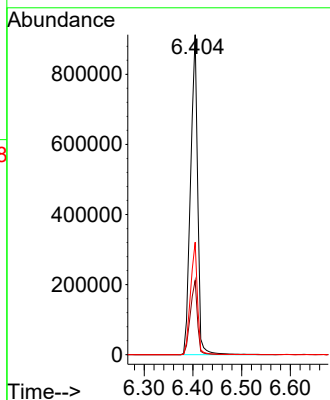
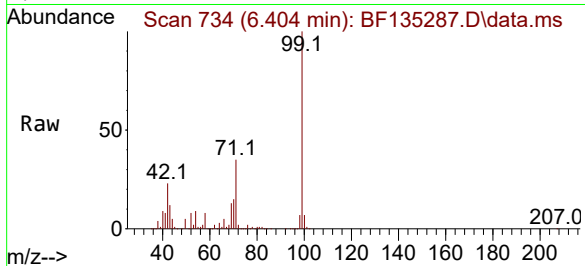




#7
Phenol-d6
Concen: 104.023 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

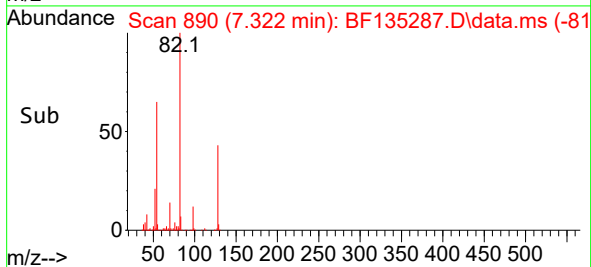
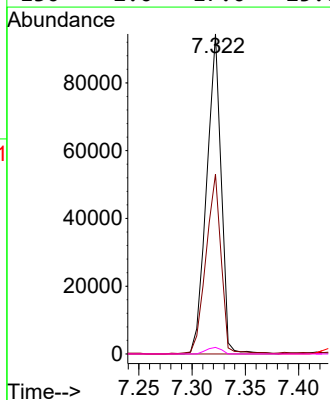
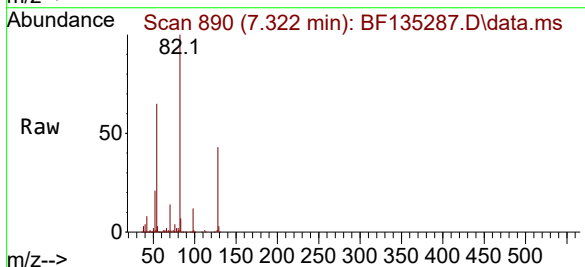
Instrument :
BNA_F
ClientSampleId :
72-11930

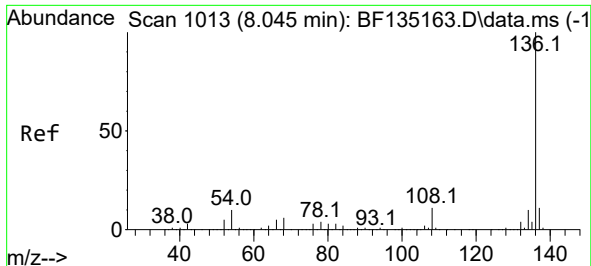
Tgt Ion: 99 Resp: 923589
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 35.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.317 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

Tgt Ion: 70 Resp: 89735
Ion Ratio Lower Upper
70 100
42 56.2 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

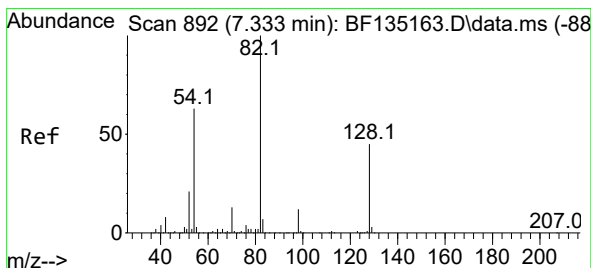
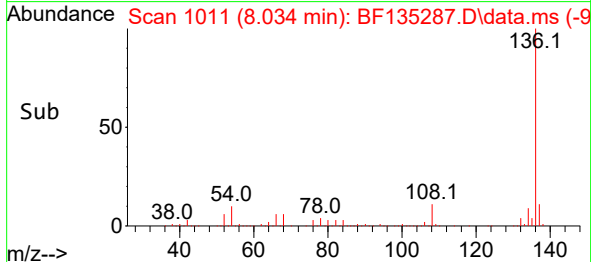
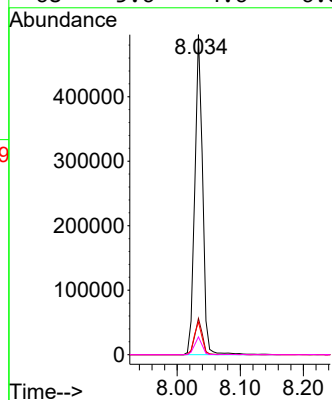
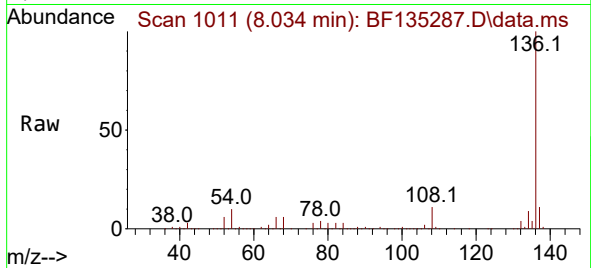




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

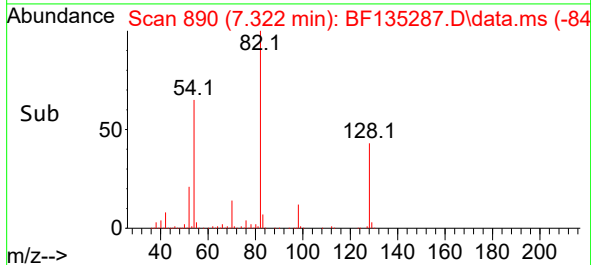
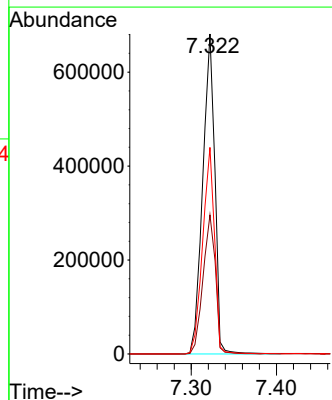
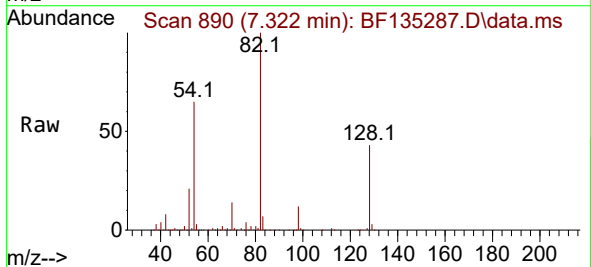
Instrument :
BNA_F
ClientSampleId :
72-11930

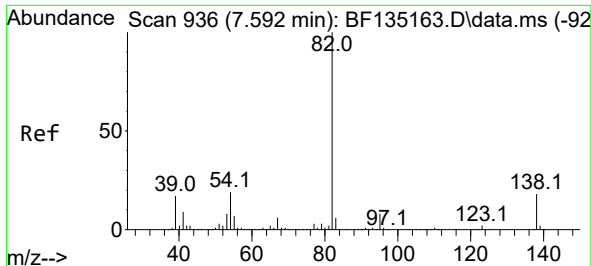
Tgt Ion:136	Resp: 426610
Ion Ratio	Lower Upper
136 100	
137 11.3	8.8 13.2
54 10.2	7.7 11.5
68 5.6	4.6 6.8



#23
Nitrobenzene-d5
Concen: 85.619 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

Tgt Ion: 82	Resp: 672307
Ion Ratio	Lower Upper
82 100	
128 43.5	35.8 53.6
54 64.6	50.6 76.0

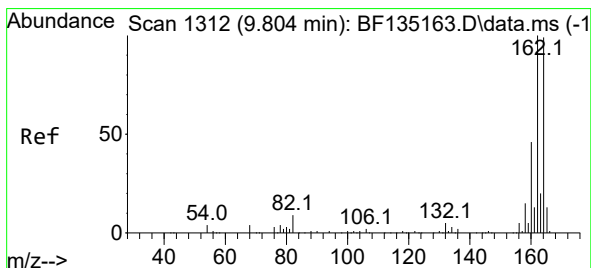
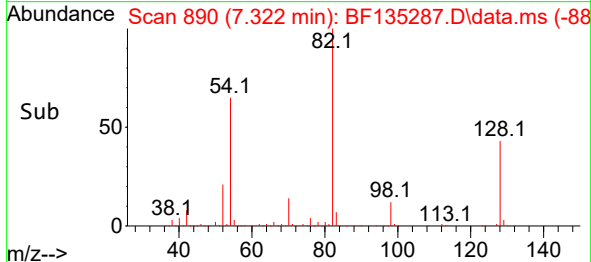
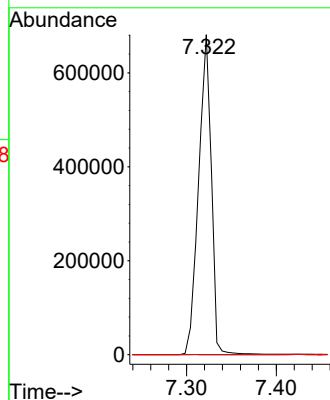
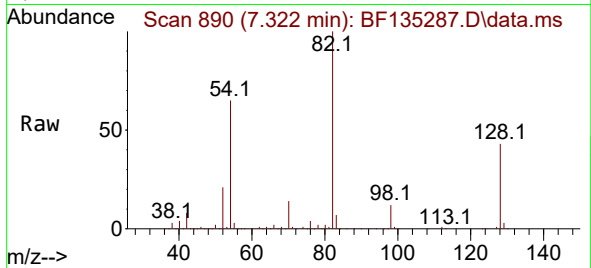




#25
Isophorone
Concen: 46.626 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

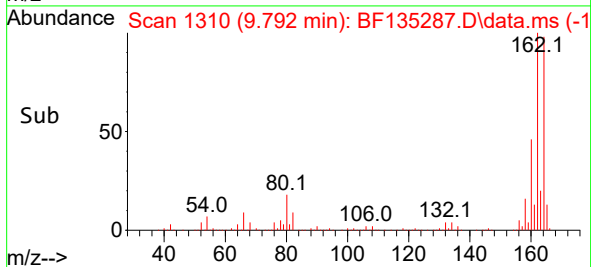
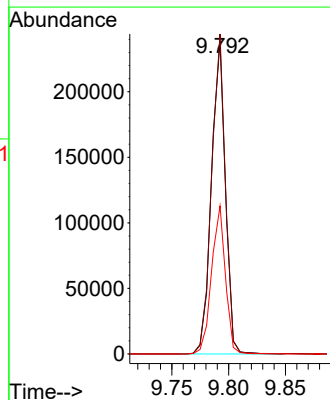
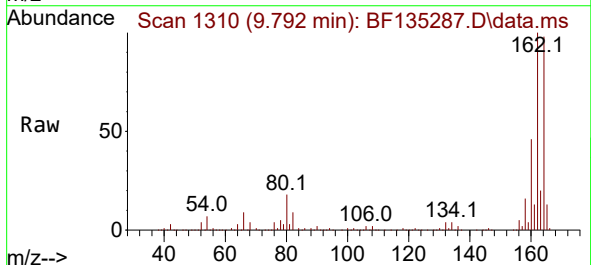
Instrument :
BNA_F
ClientSampleId :
72-11930

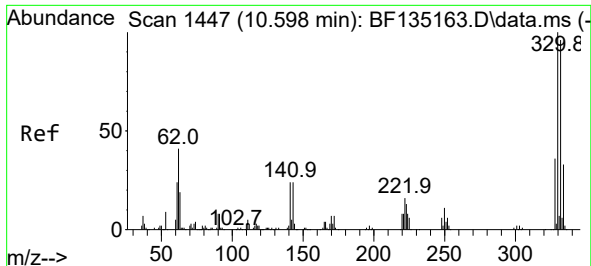
Tgt Ion: 82 Resp: 672297
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.011 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

Tgt Ion: 164 Resp: 203274
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.4
160 47.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 120.102 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.011 min

Lab File: BF135287.D

Acq: 15 Sep 2023 19:22

Instrument :

BNA_F

ClientSampleId :

72-11930

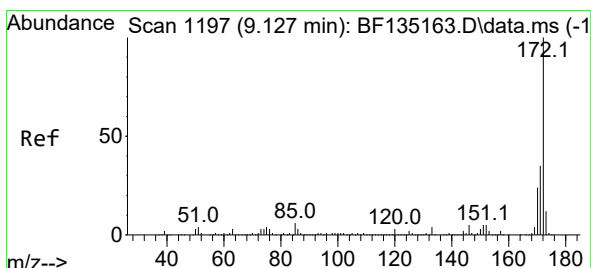
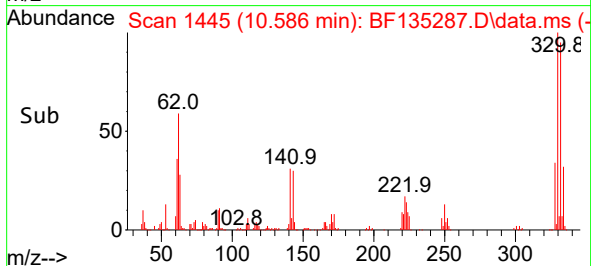
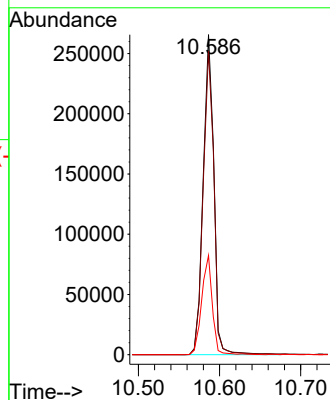
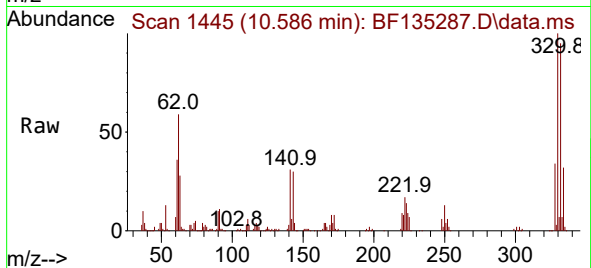
Tgt Ion:330 Resp: 242612

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 31.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 87.123 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135287.D

Acq: 15 Sep 2023 19:22

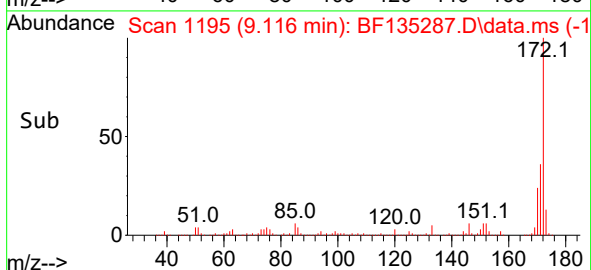
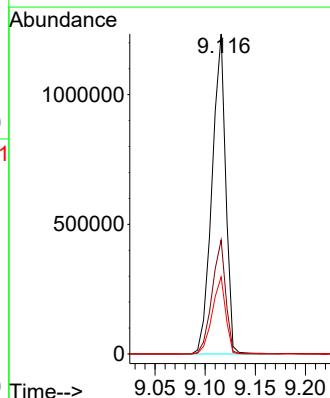
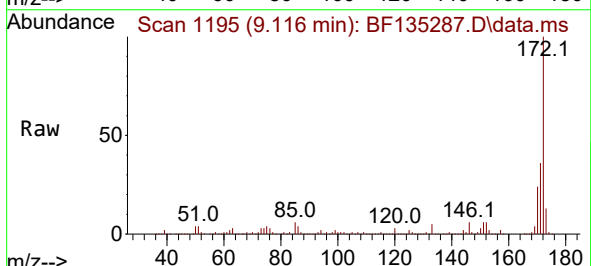
Tgt Ion:172 Resp: 1173833

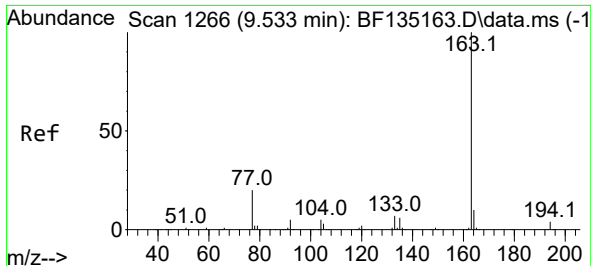
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.1 19.0 28.4

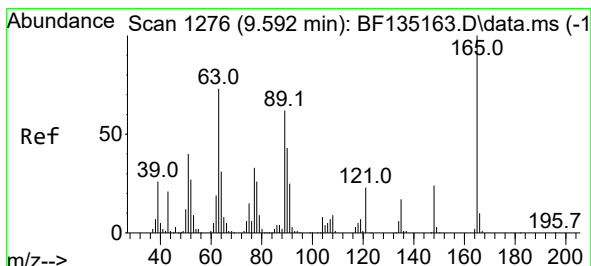
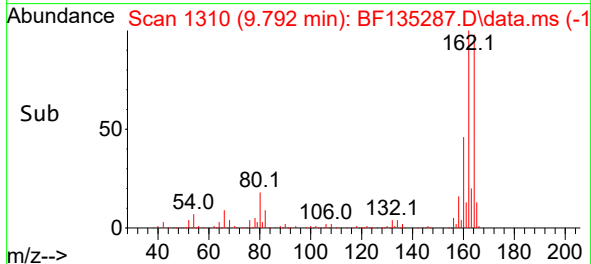
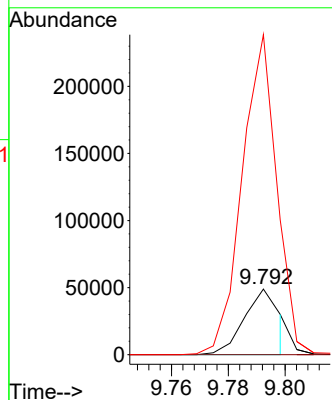
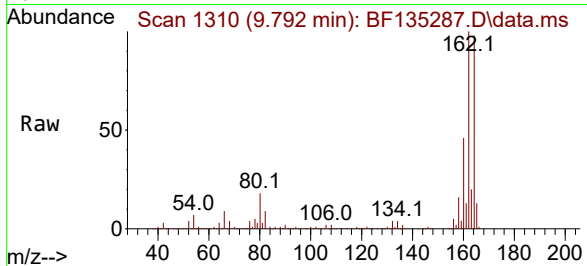




#50
Dimethylphthalate
Concen: 3.074 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

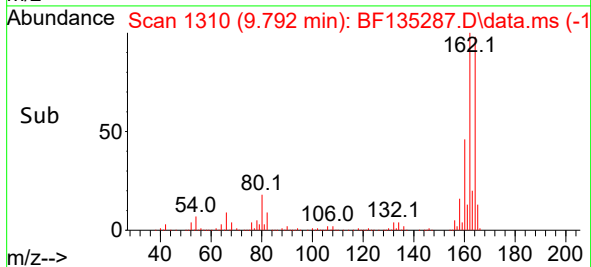
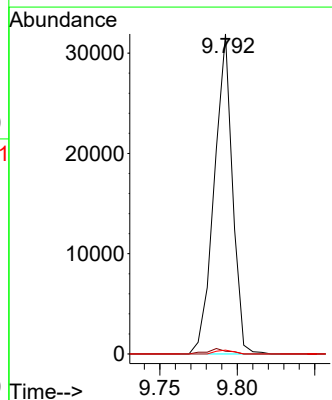
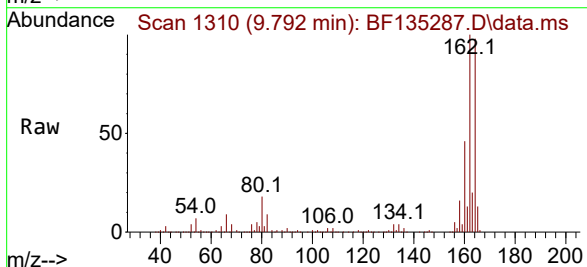
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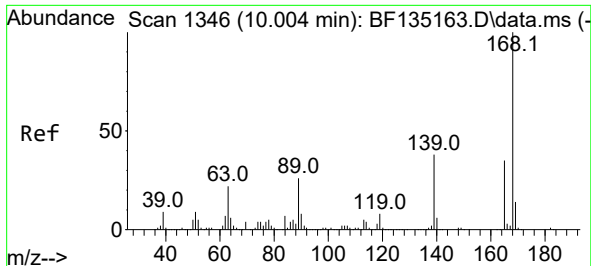
Tgt Ion:163 Resp: 42246
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 487.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.652 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

Tgt Ion:165 Resp: 26049
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.2 49.8 74.8#

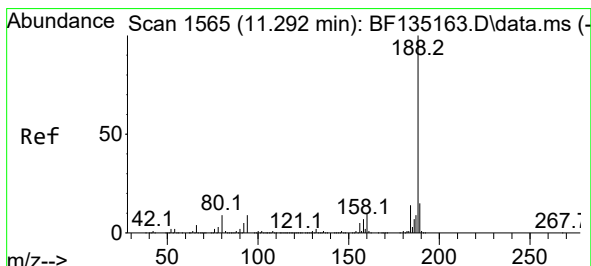
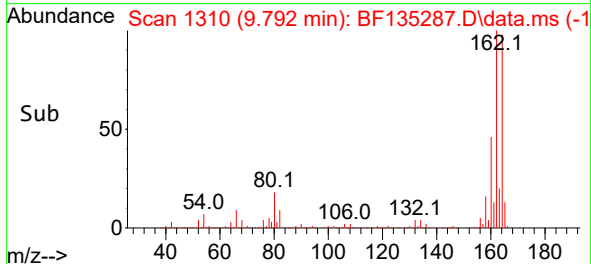
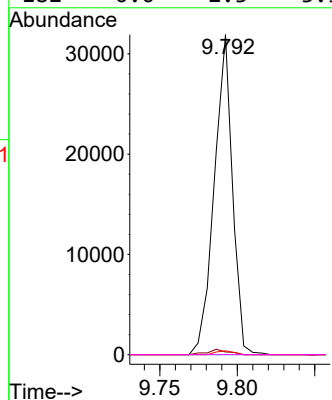
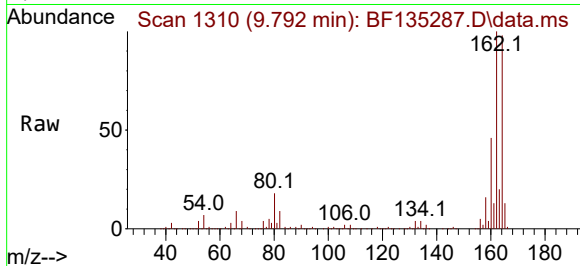




#57
2,4-Dinitrotoluene
Concen: 6.911 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.211 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

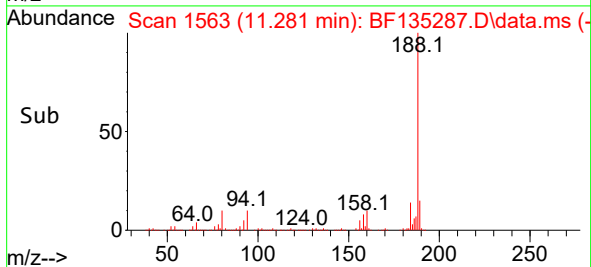
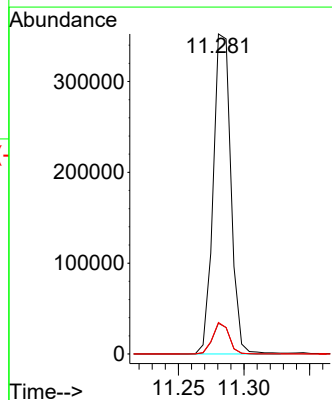
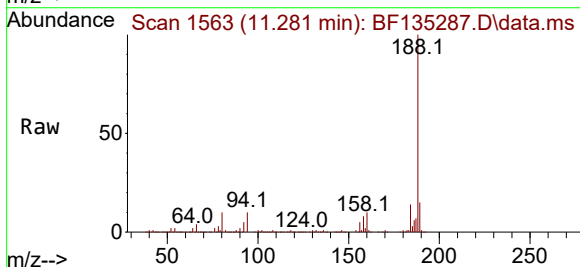
Instrument :
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72-11930

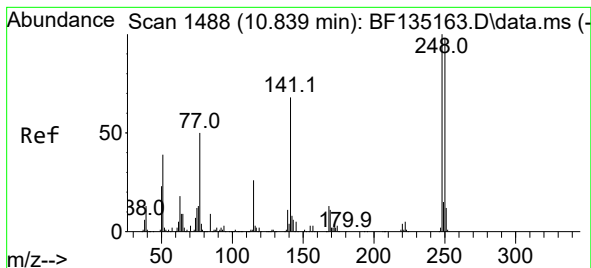
Tgt Ion:165 Resp: 26049
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 1563
Delta R.T. -0.011 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

Tgt Ion:188 Resp: 330344
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.9 7.5 11.3

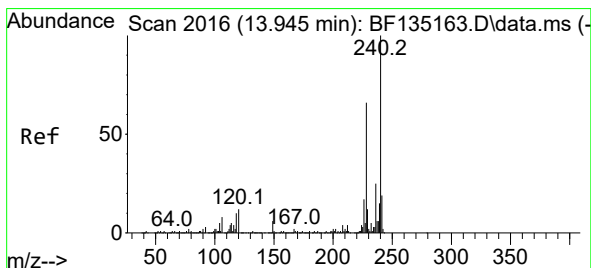
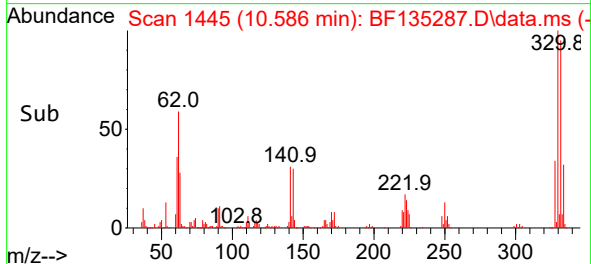
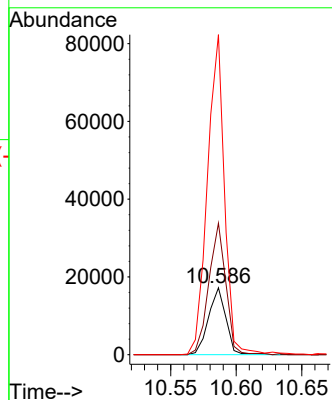
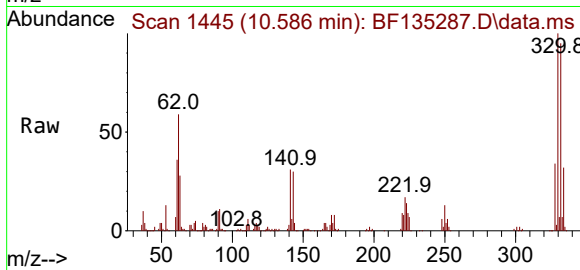




#67
4-Bromophenyl-phenylether
Concen: 4.853 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

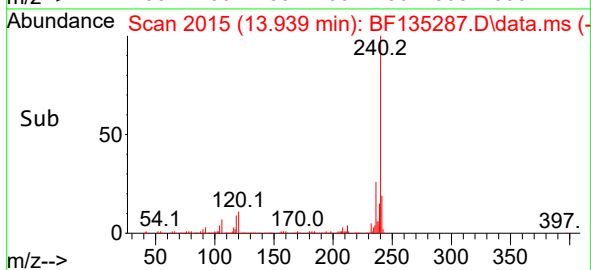
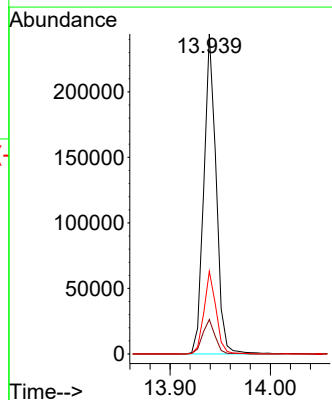
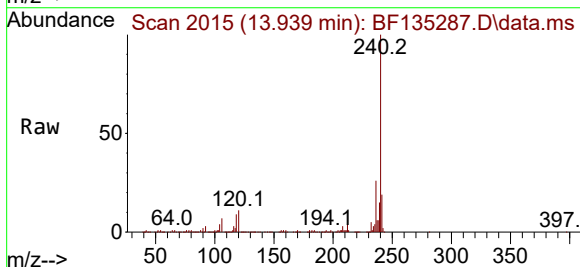
Instrument :
BNA_F
ClientSampleId :
72-11930

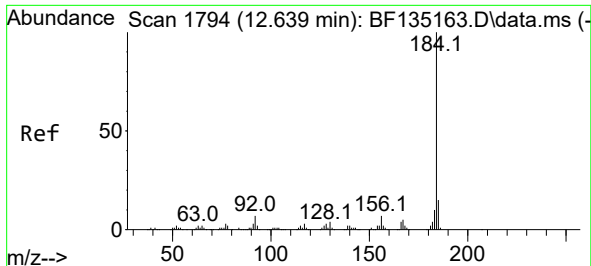
Tgt Ion:248 Resp: 15943
Ion Ratio Lower Upper
248 100
250 196.5 78.6 117.8#
141 478.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

Tgt Ion:240 Resp: 209151
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 25.8 19.8 29.8

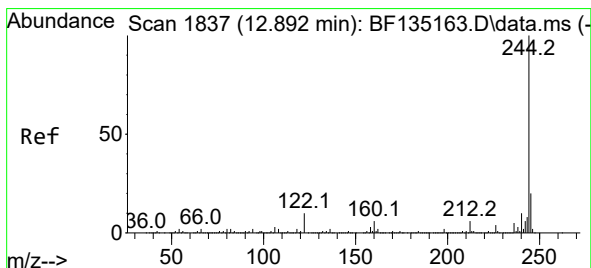
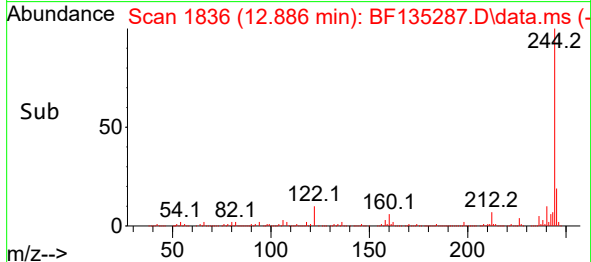
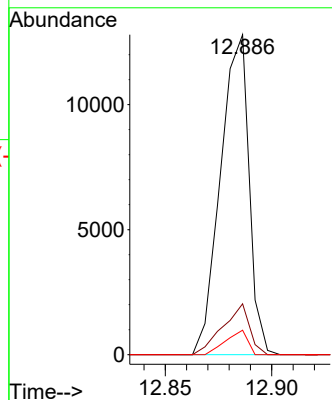
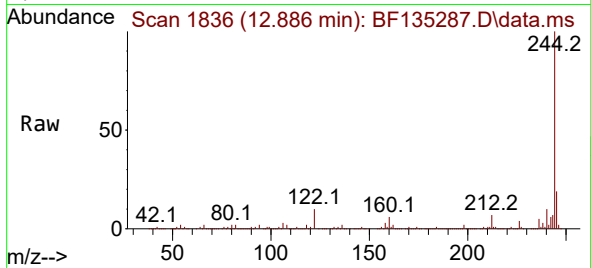




#77
Benzidine
Concen: 2.786 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

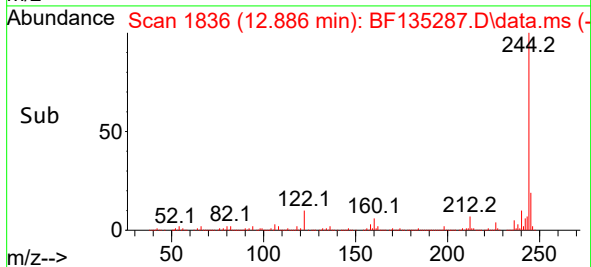
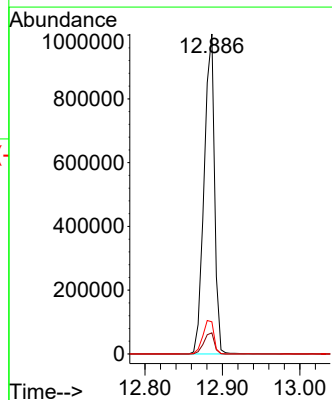
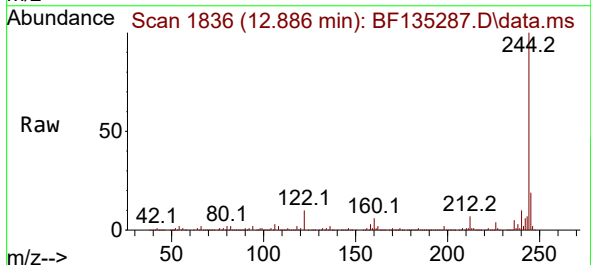
Instrument :
BNA_F
ClientSampleId :
72-11930

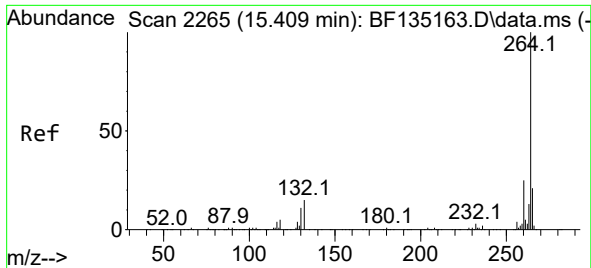
Tgt Ion:184 Resp: 11936
Ion Ratio Lower Upper
184 100
185 15.9 11.7 17.5
183 7.6 8.2 12.4#



#79
Terphenyl-d14
Concen: 69.144 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

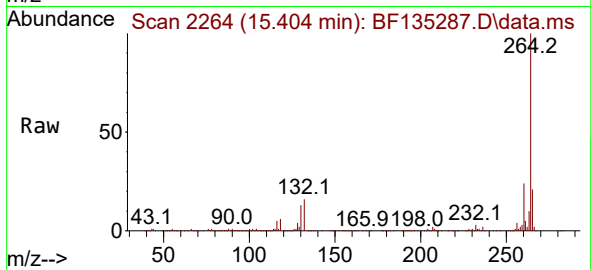
Tgt Ion:244 Resp: 932882
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 10.0 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135287.D
 Acq: 15 Sep 2023 19:22

Instrument :
 BNA_F
 ClientSampleId :
 72-11930



Tgt Ion:264 Resp: 247869
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 21.3 17.0 25.4

