

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135285.D
 Acq On : 15 Sep 2023 18:18
 Operator : CG\JU
 Sample : 04399-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985

Quant Time: Sep 16 02:34:53 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)

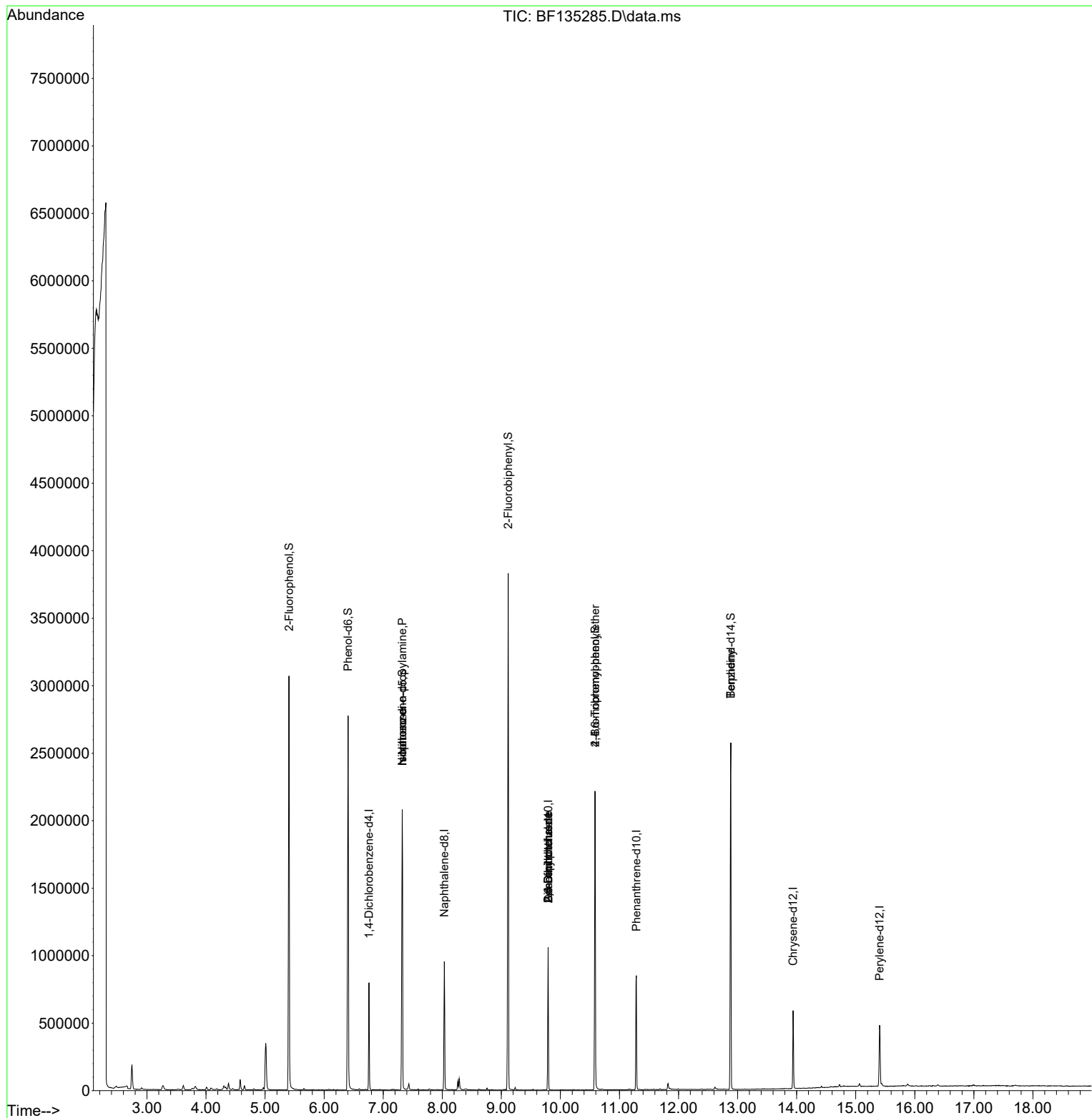
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	102756	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	395685	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	188350	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	326305	20.000	ng	0.00
76) Chrysene-d12	13.939	240	186291	20.000	ng	0.00
86) Perylene-d12	15.404	264	220553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	834285	132.053	ng	0.02
7) Phenol-d6	6.404	99	964960	120.117	ng	0.00
23) Nitrobenzene-d5	7.322	82	725495	99.614	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	269117	143.779	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1226668	98.259	ng	-0.01
79) Terphenyl-d14	12.886	244	955441	79.506	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	97806	19.656	ng	# 80
25) Isophorone	7.322	82	725490	54.248	ng	# 65
50) Dimethylphthalate	9.792	163	38207	3.000	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	24145	8.655	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	24145	6.914	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	16992	5.236	ng	# 1
77) Benzidine	12.886	184	11891	3.116	ng	# 92

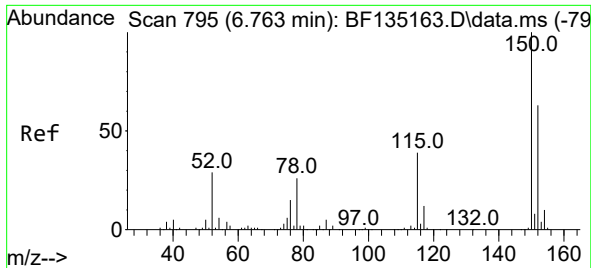
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
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BNA_F
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Quant Time: Sep 16 02:34:53 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

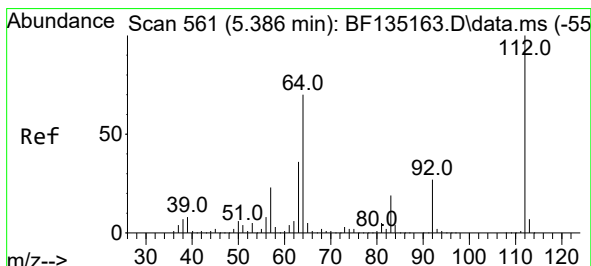
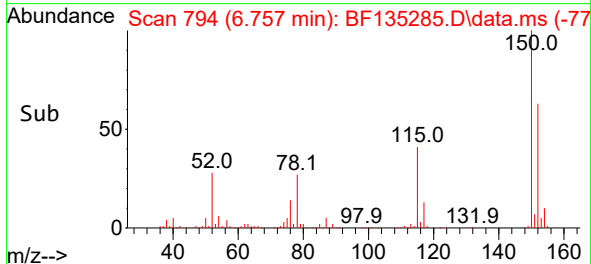
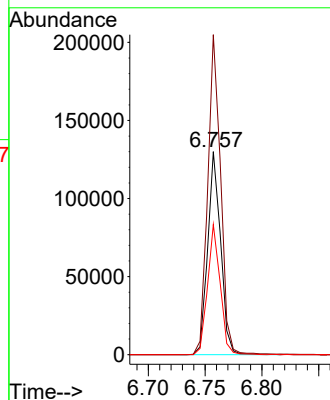
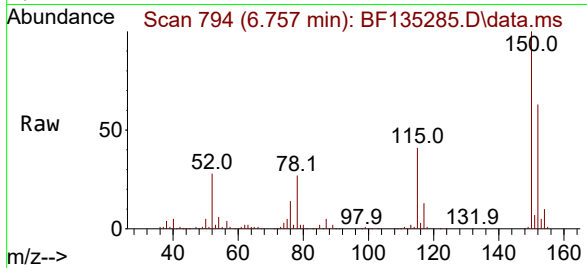




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

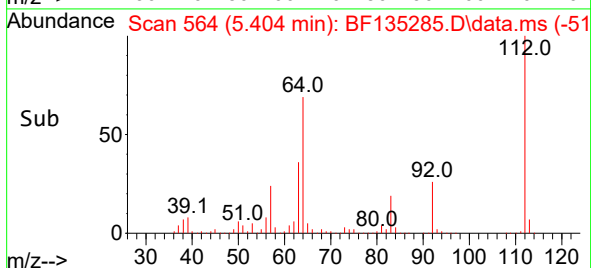
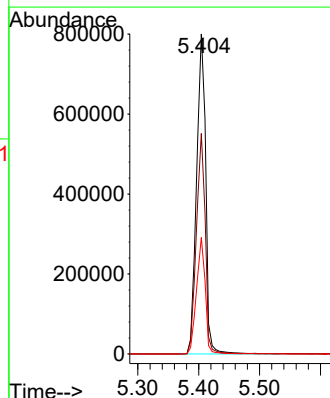
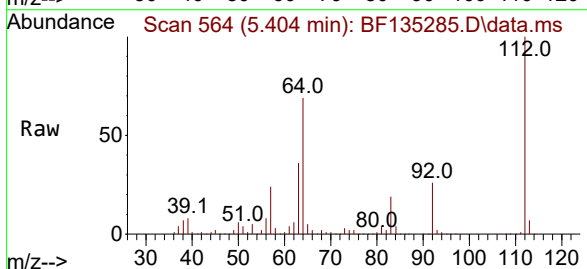
Instrument :
BNA_F
ClientSampleId :
72-11985

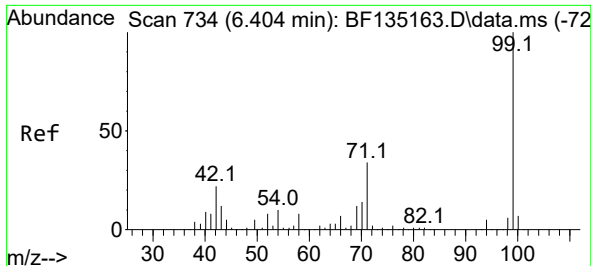
Tgt Ion:152 Resp: 102756
Ion Ratio Lower Upper
152 100
150 157.6 127.8 191.6
115 64.1 49.8 74.8



#5
2-Fluorophenol
Concen: 132.053 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

Tgt Ion:112 Resp: 834285
Ion Ratio Lower Upper
112 100
64 68.9 55.9 83.9
63 36.4 29.0 43.6

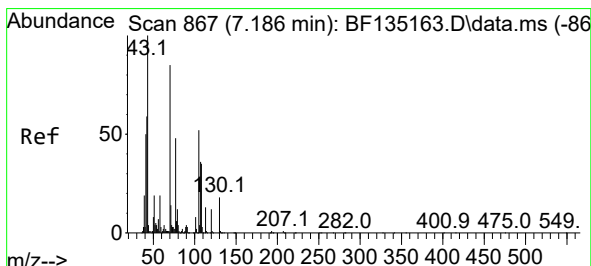
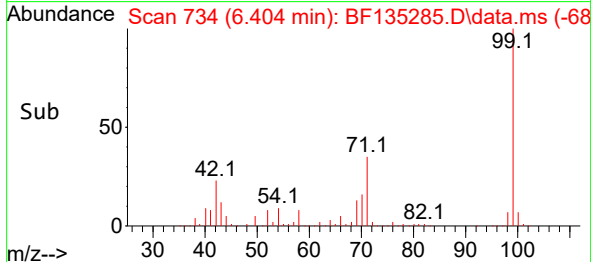
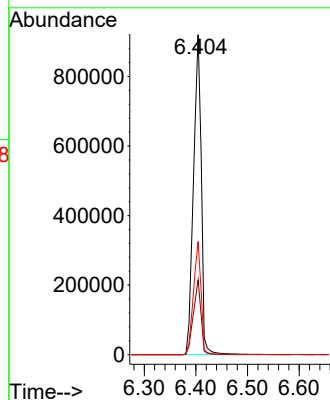
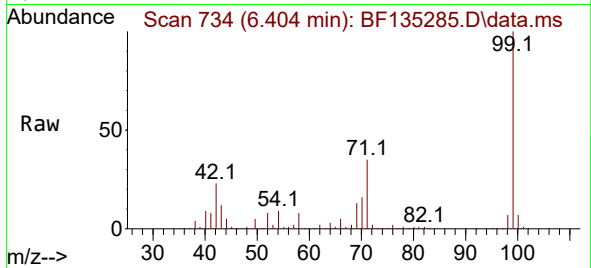




#7
Phenol-d6
Concen: 120.117 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

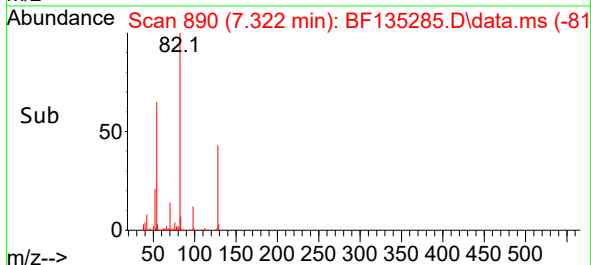
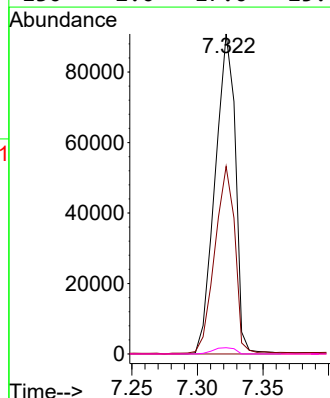
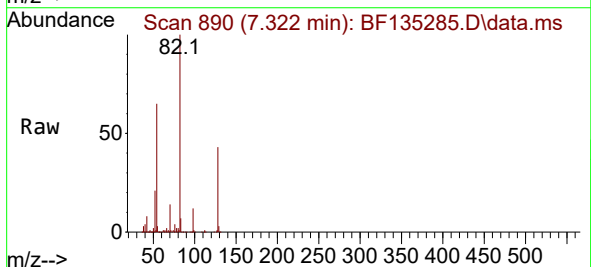
Instrument :
BNA_F
ClientSampleId :
72-11985

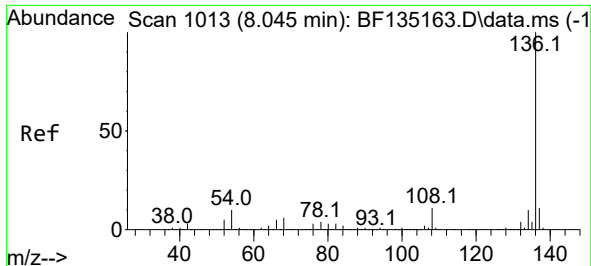
Tgt Ion: 99 Resp: 964960
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 35.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.656 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

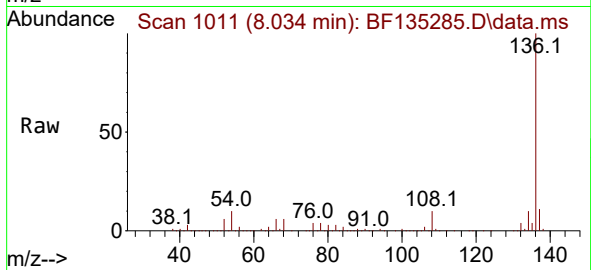
Tgt Ion: 70 Resp: 97806
Ion Ratio Lower Upper
70 100
42 58.6 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#



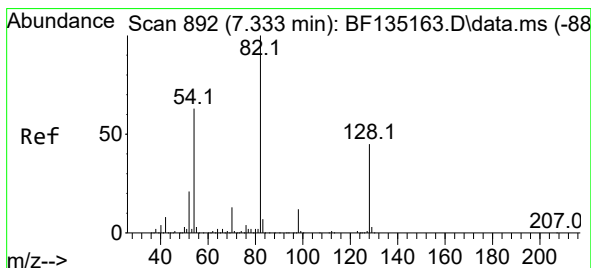
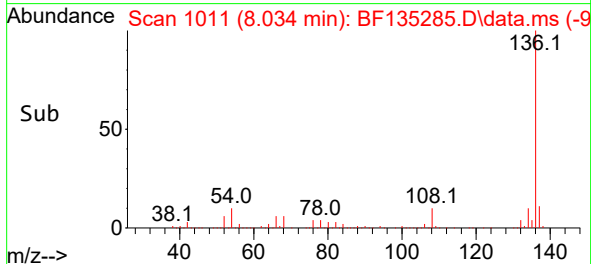
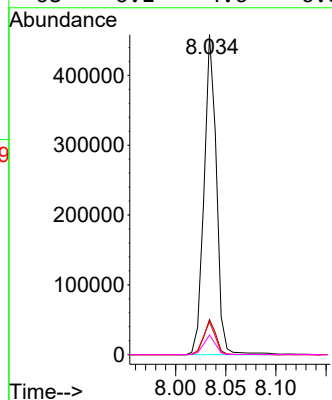


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

Instrument :
BNA_F
ClientSampleId :
72-11985

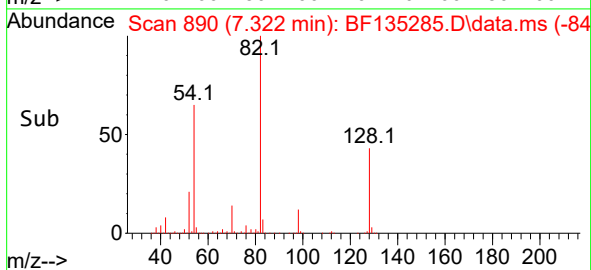
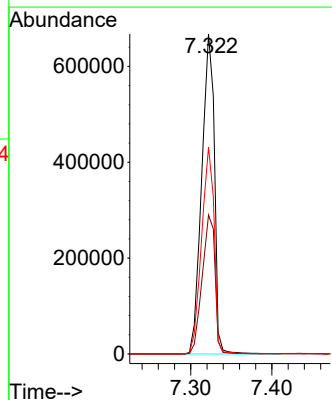
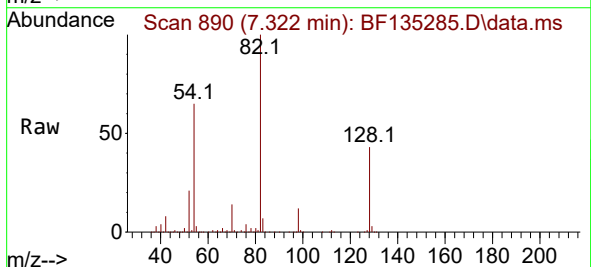


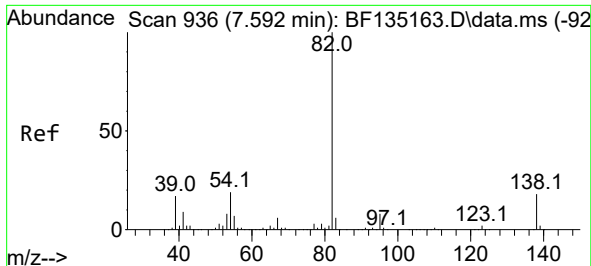
Tgt Ion:136 Resp: 395685
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.2 7.7 11.5
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 99.614 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

Tgt Ion: 82 Resp: 725495
Ion Ratio Lower Upper
82 100
128 43.4 35.8 53.6
54 64.7 50.6 76.0

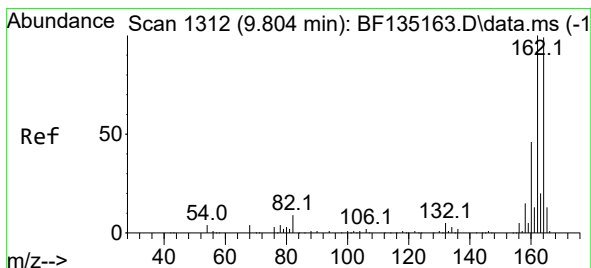
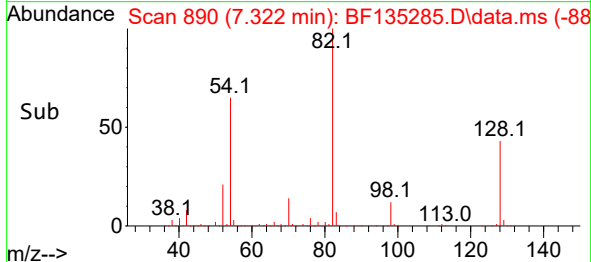
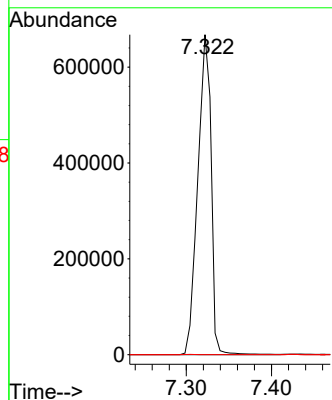
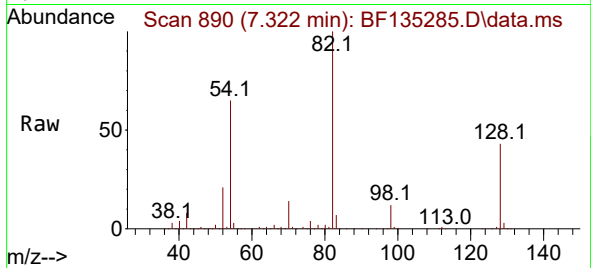




#25
Isophorone
Concen: 54.248 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

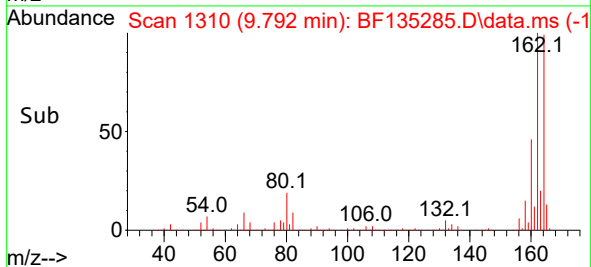
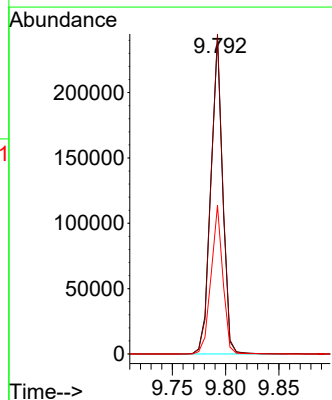
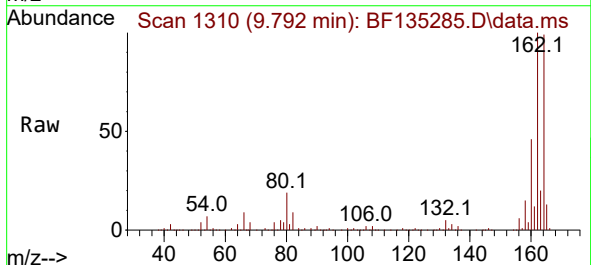
Instrument :
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ClientSampleId :
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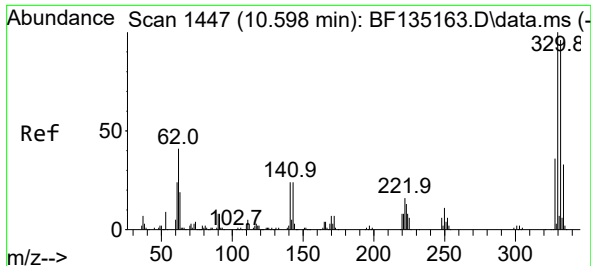
Tgt Ion: 82 Resp: 725490
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

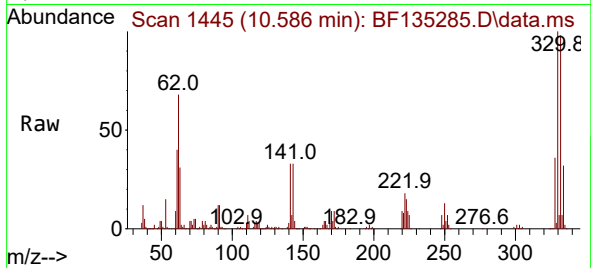
Tgt Ion:164 Resp: 188350
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 46.9 37.0 55.4



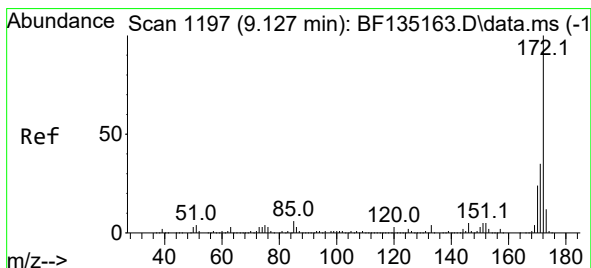
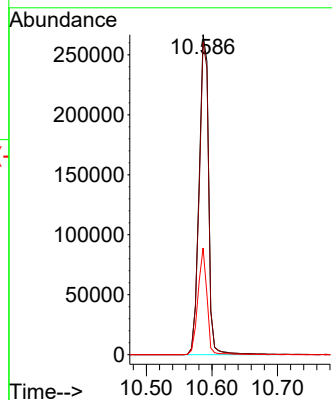
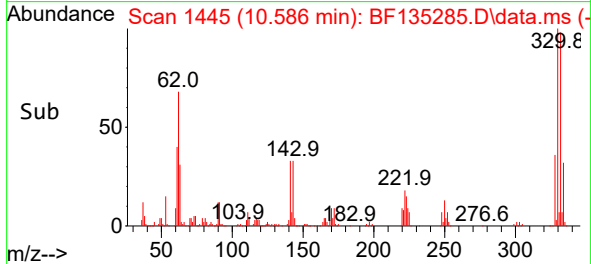


#42
2,4,6-Tribromophenol
Concen: 143.779 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

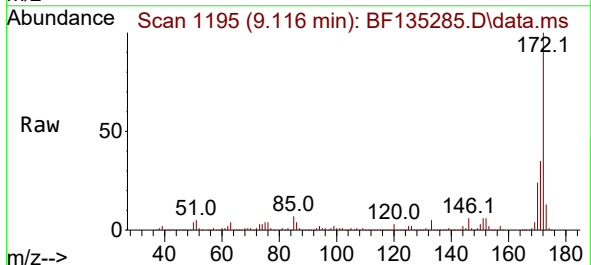
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ClientSampleId :
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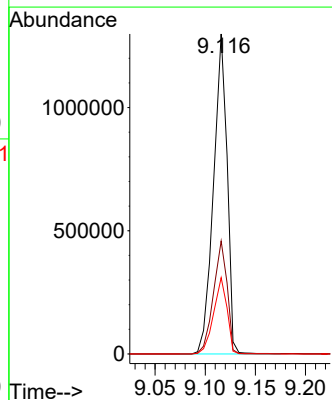
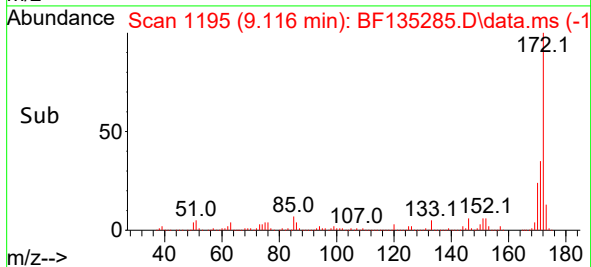
Tgt Ion:330 Resp: 269117
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 31.7 25.8 38.8

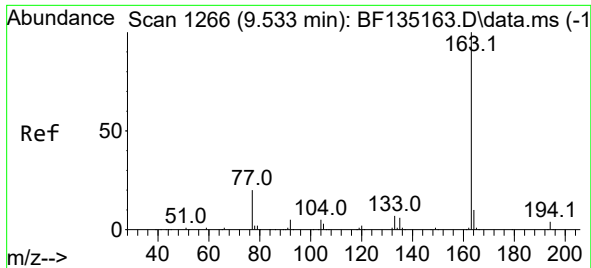


#45
2-Fluorobiphenyl
Concen: 98.259 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18



Tgt Ion:172 Resp: 1226668
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.9 19.0 28.4

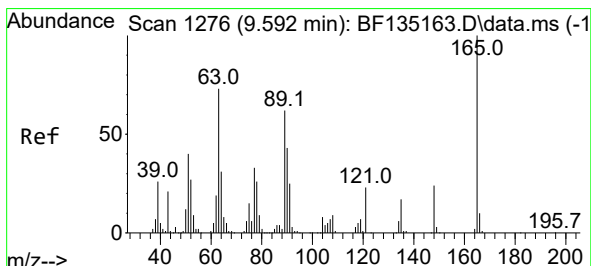
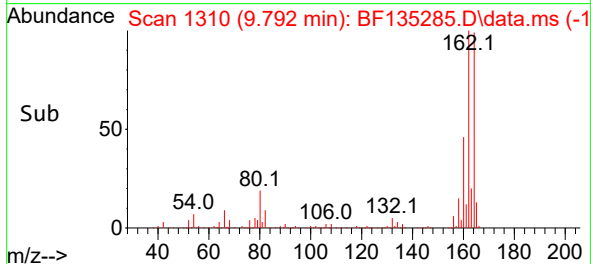
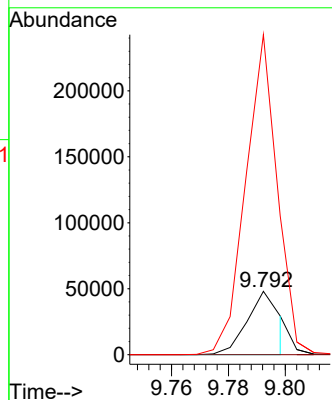
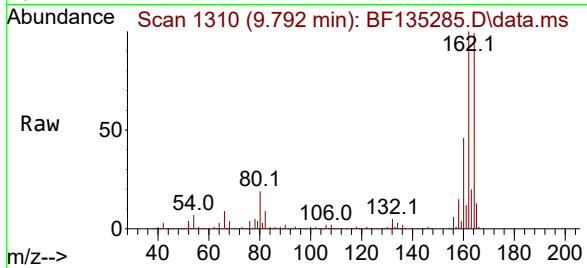




#50
Dimethylphthalate
Concen: 3.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

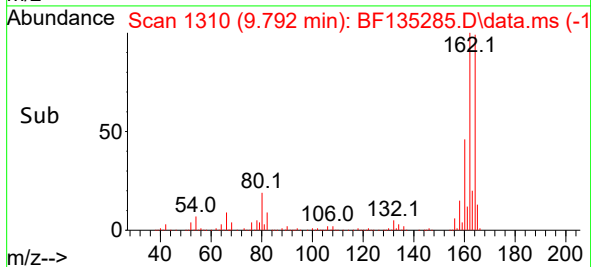
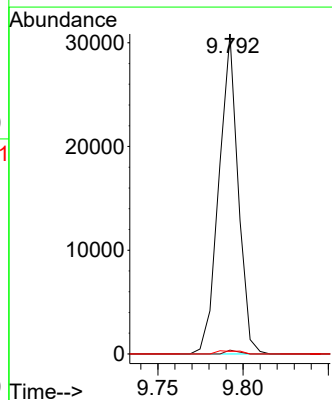
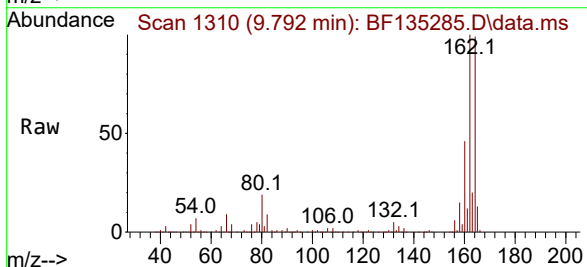
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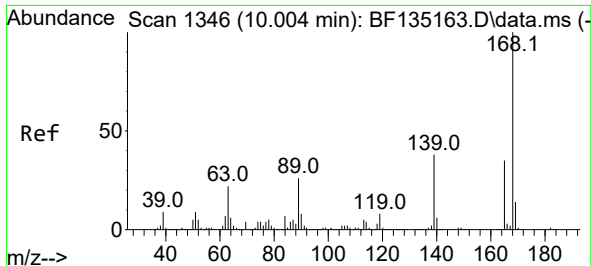
Tgt Ion:163 Resp: 38207
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 505.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.655 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

Tgt Ion:165 Resp: 24145
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 0.8 49.8 74.8#

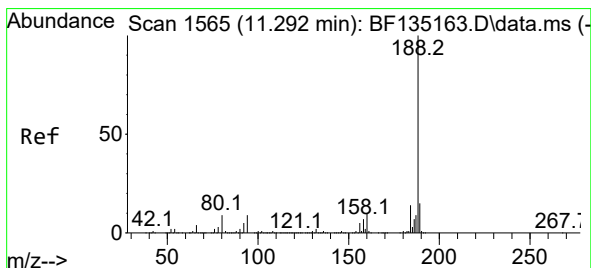
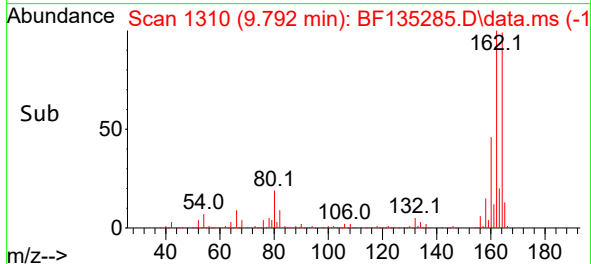
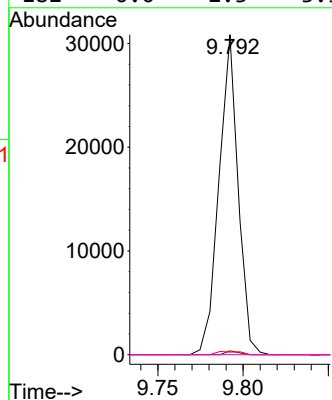
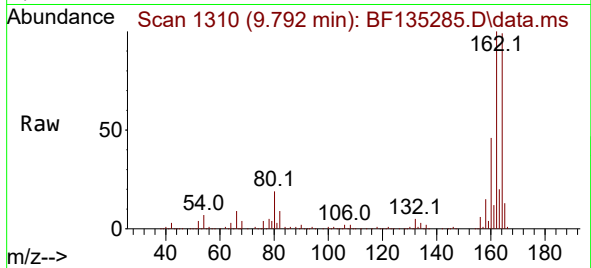




#57
2,4-Dinitrotoluene
Concen: 6.914 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

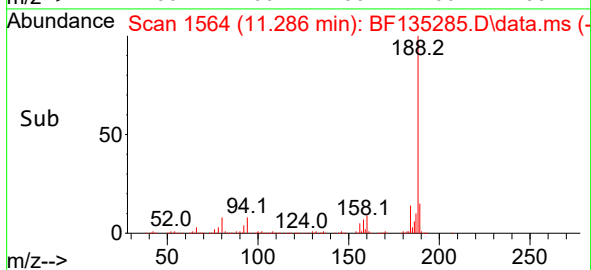
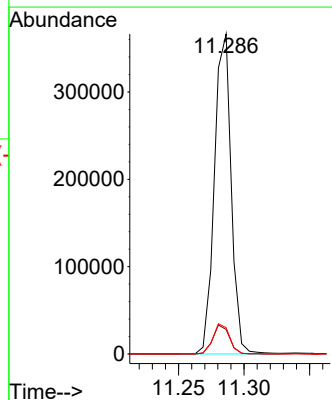
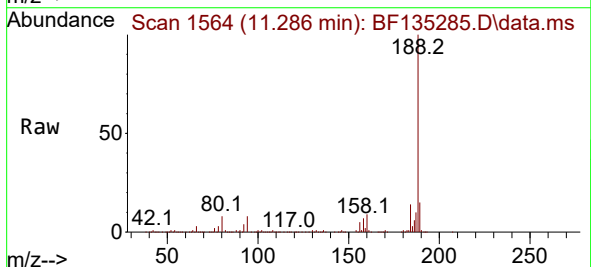
Instrument :
BNA_F
ClientSampleId :
72-11985

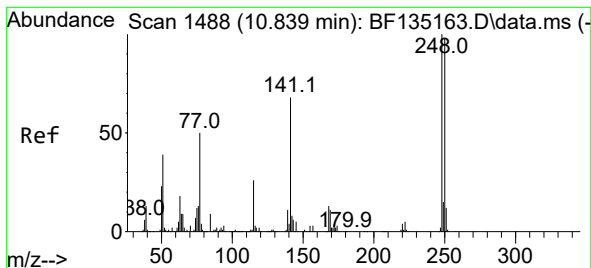
Tgt Ion:165 Resp: 24145
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 0.8 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

Tgt Ion:188 Resp: 326305
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.2 7.5 11.3

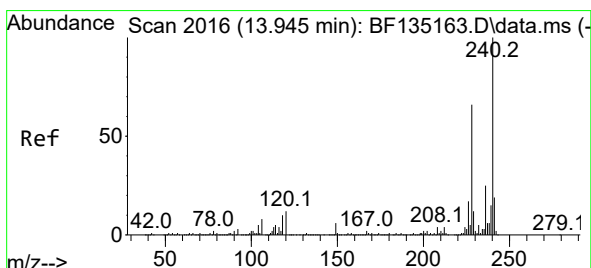
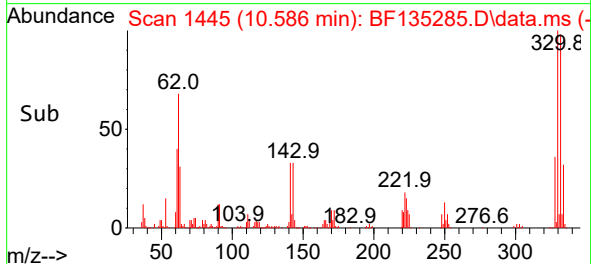
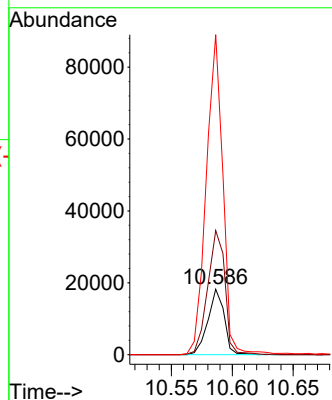
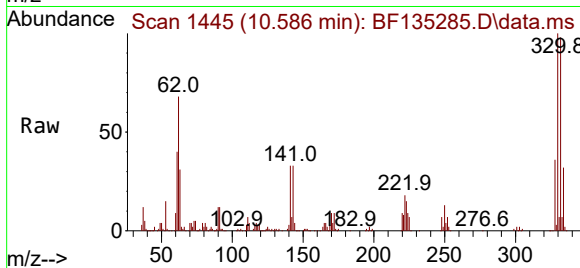




#67
4-Bromophenyl-phenylether
Concen: 5.236 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

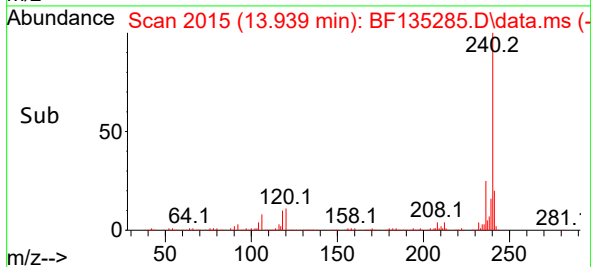
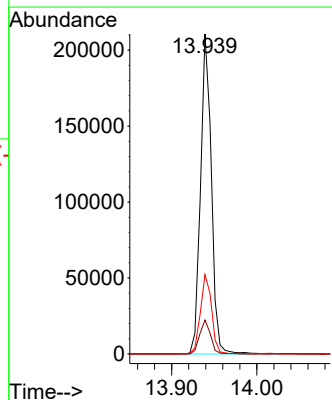
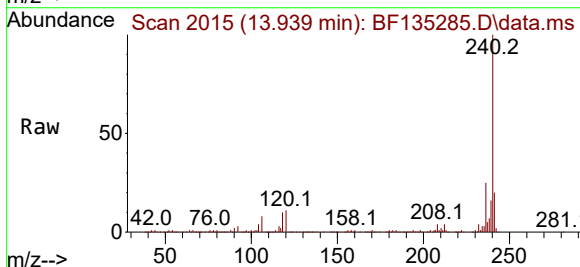
Instrument :
BNA_F
ClientSampleId :
72-11985

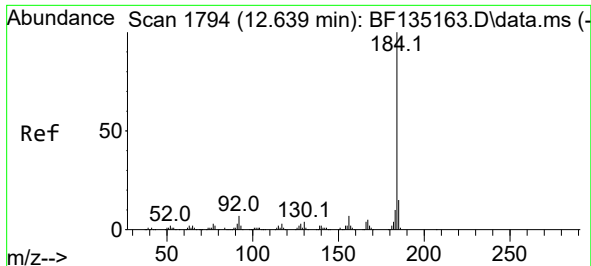
Tgt Ion:248 Resp: 16992
Ion Ratio Lower Upper
248 100
250 190.0 78.6 117.8#
141 489.4 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

Tgt Ion:240 Resp: 186291
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 24.8 19.8 29.8

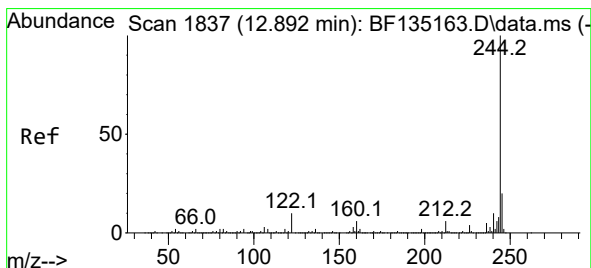
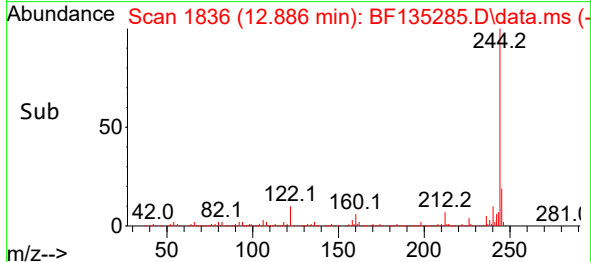
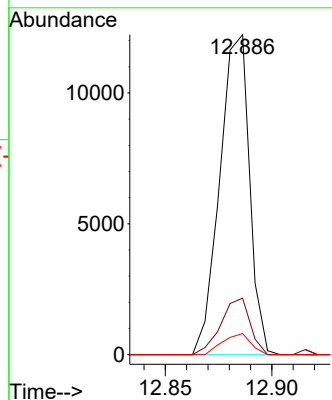
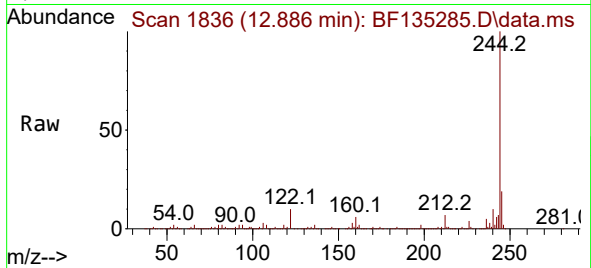




#77
Benzidine
Concen: 3.116 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

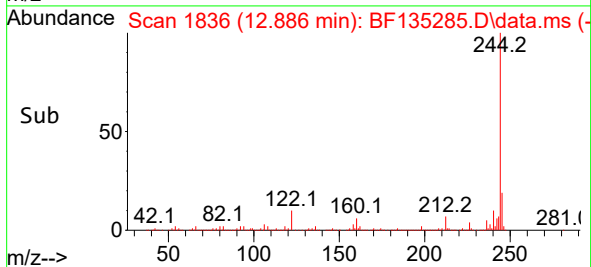
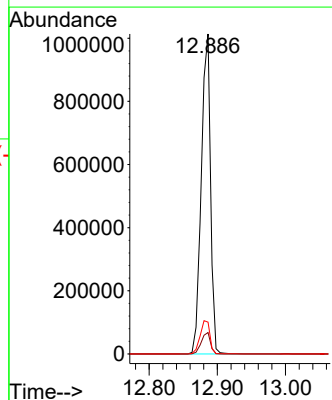
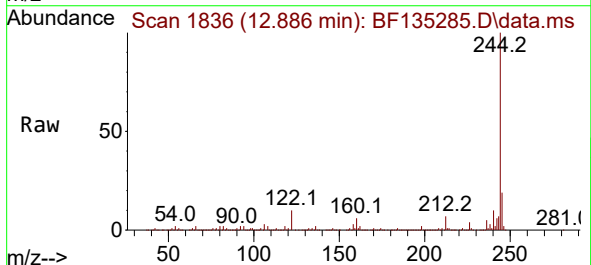
Instrument :
BNA_F
ClientSampleId :
72-11985

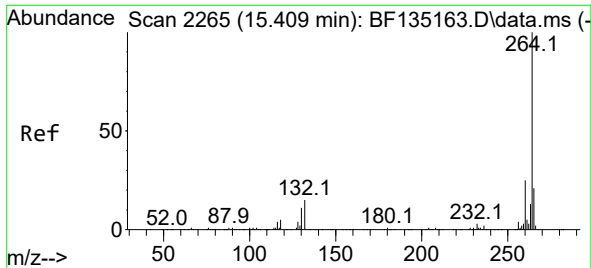
Tgt Ion:184 Resp: 11891
Ion Ratio Lower Upper
184 100
185 17.6 11.7 17.5#
183 6.6 8.2 12.4#



#79
Terphenyl-d14
Concen: 79.506 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

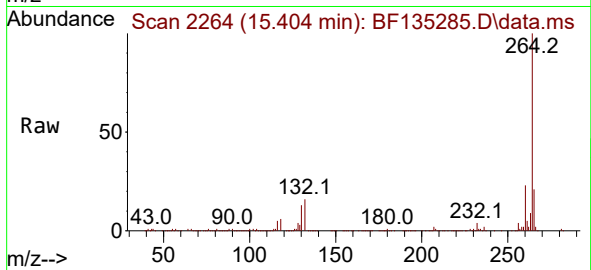
Tgt Ion:244 Resp: 955441
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 10.0 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135285.D
Acq: 15 Sep 2023 18:18

Instrument :
BNA_F
ClientSampleId :
72-11985



Tgt Ion:264 Resp: 220553
Ion Ratio Lower Upper
264 100
260 23.2 19.8 29.6
265 21.0 17.0 25.4

