

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135342.D
 Acq On : 19 Sep 2023 18:57
 Operator : CG\JU
 Sample : 04460-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-2-RIGHT-SIDE

Quant Time: Sep 20 01:38:08 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)

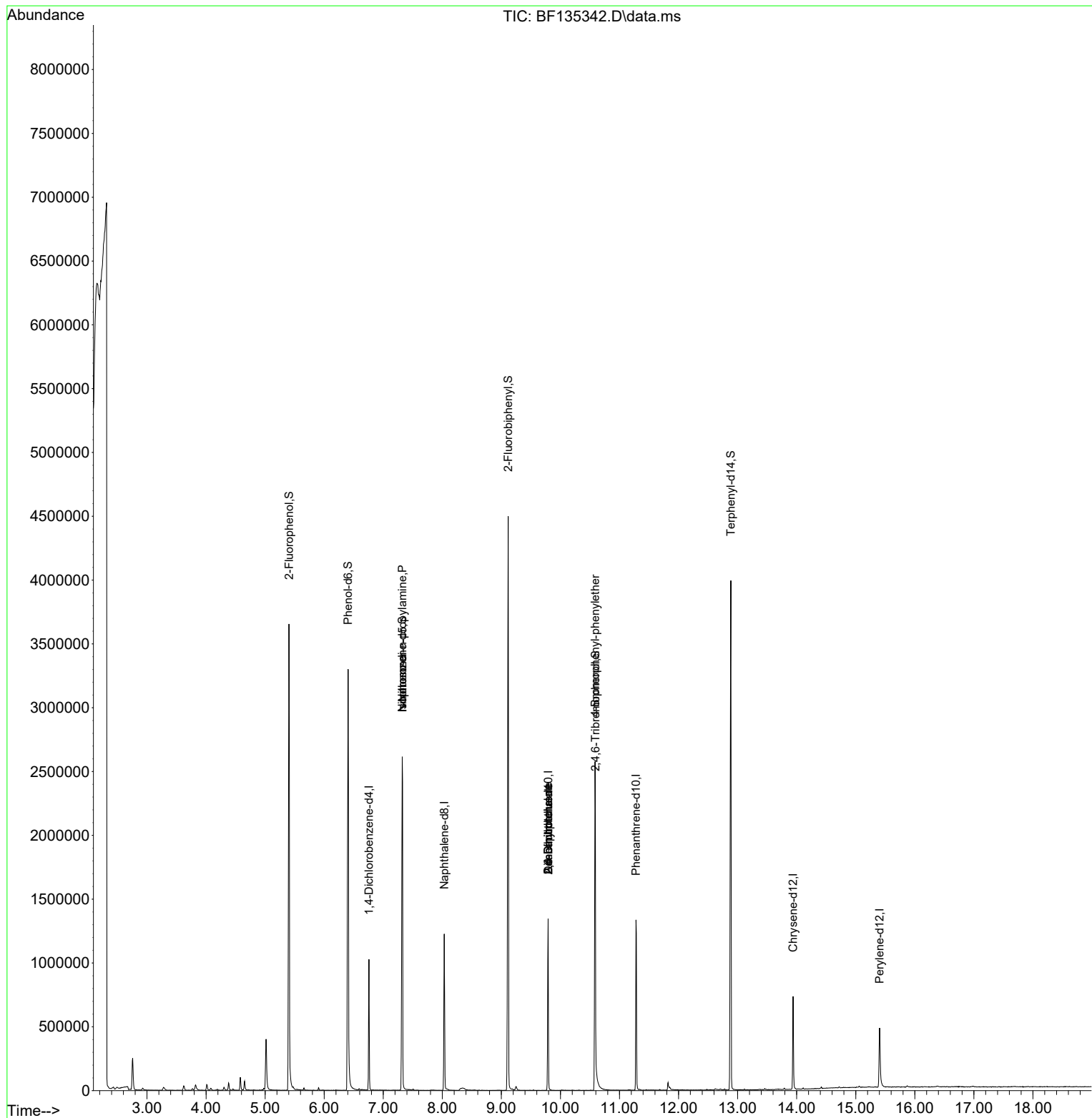
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	138161	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	520677	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	264116	20.000	ng	-0.01
64) Phenanthrene-d10	11.280	188	516081	20.000	ng	#-0.01
76) Chrysene-d12	13.939	240	245342	20.000	ng	0.00
86) Perylene-d12	15.404	264	258766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1094986	128.903	ng	0.02
7) Phenol-d6	6.404	99	1307009	121.003	ng	0.00
23) Nitrobenzene-d5	7.322	82	971462	101.366	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	365606	139.296	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1597356	91.246	ng	-0.01
79) Terphenyl-d14	12.886	244	1587974	100.336	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	131275	19.621	ng	# 83
25) Isophorone	7.322	82	971449	55.202	ng	# 65
50) Dimethylphthalate	9.792	163	52158	2.921	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	33716	8.619	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	33716	6.885	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	23334	4.546	ng	# 1

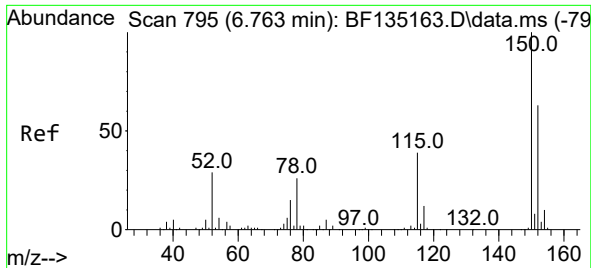
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

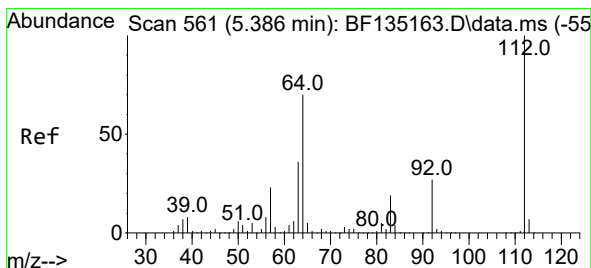
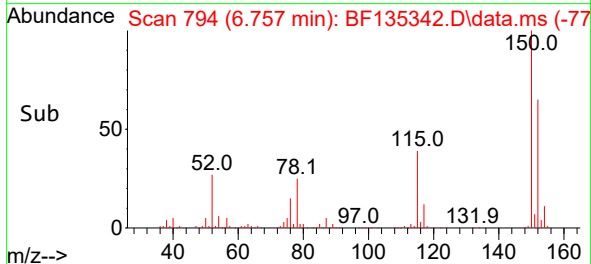
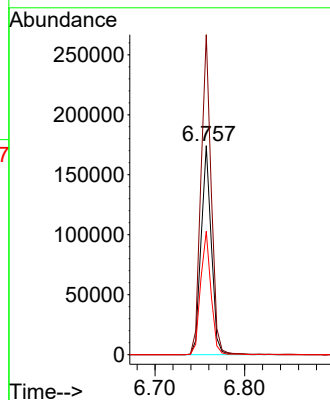
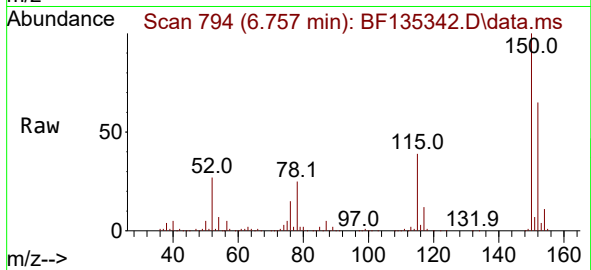




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

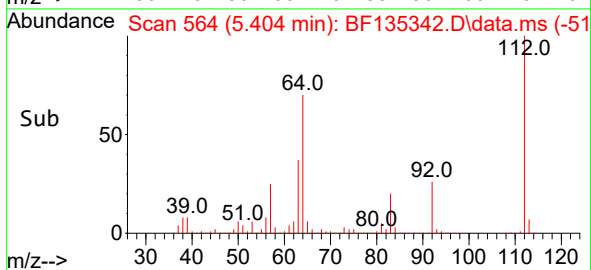
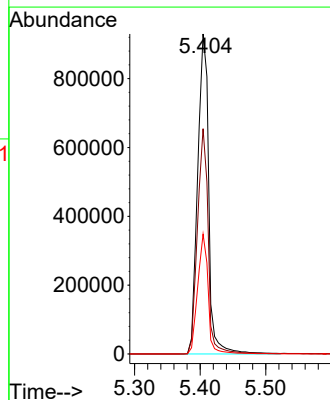
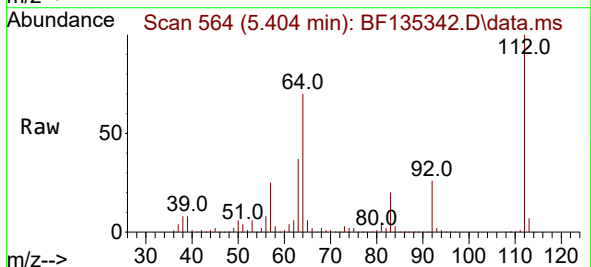
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDE

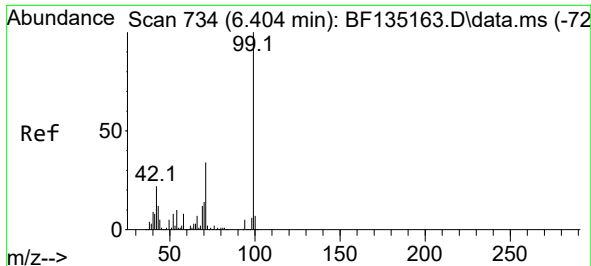
Tgt Ion:152 Resp: 138161
Ion Ratio Lower Upper
152 100
150 153.1 127.8 191.6
115 59.0 49.8 74.8



#5
2-Fluorophenol
Concen: 128.903 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

Tgt Ion:112 Resp: 1094986
Ion Ratio Lower Upper
112 100
64 70.4 55.9 83.9
63 37.5 29.0 43.6

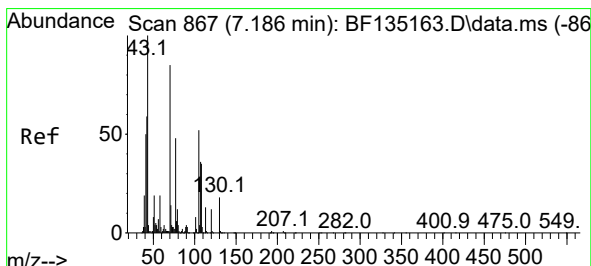
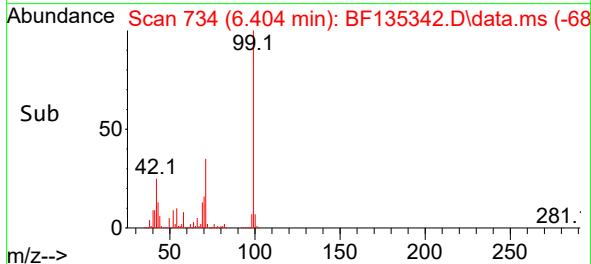
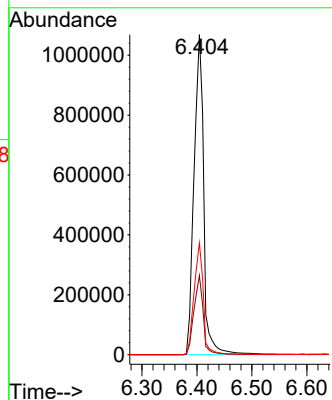
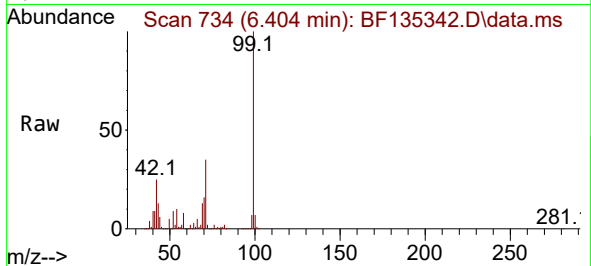




#7
Phenol-d6
Concen: 121.003 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

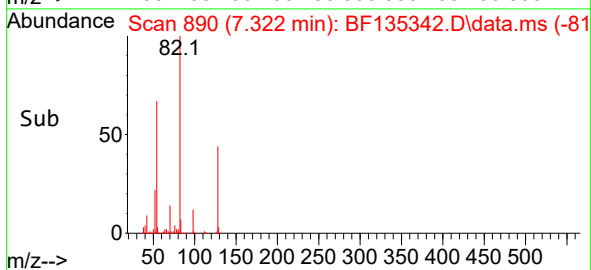
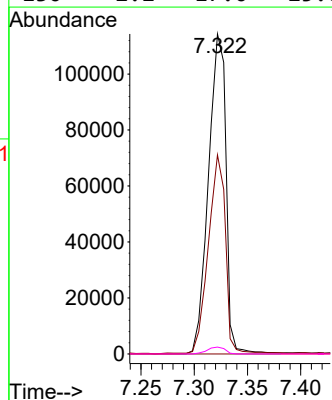
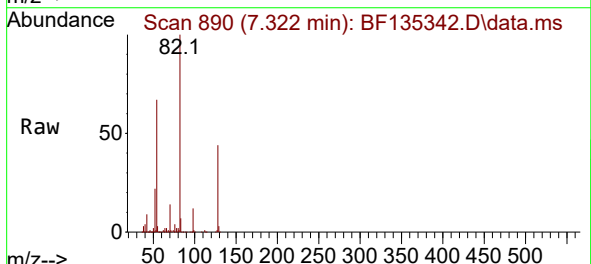
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDE

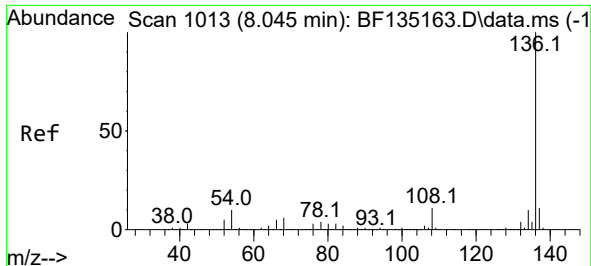
Tgt Ion: 99 Resp: 1307009
Ion Ratio Lower Upper
99 100
42 24.7 17.9 26.9
71 34.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.621 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

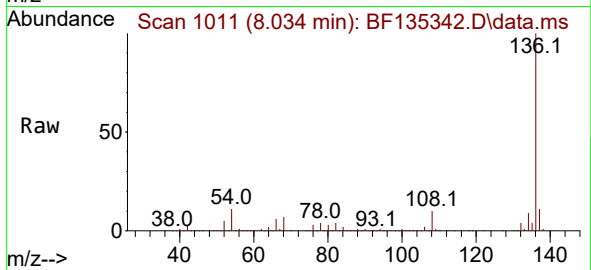
Tgt Ion: 70 Resp: 131275
Ion Ratio Lower Upper
70 100
42 62.2 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#



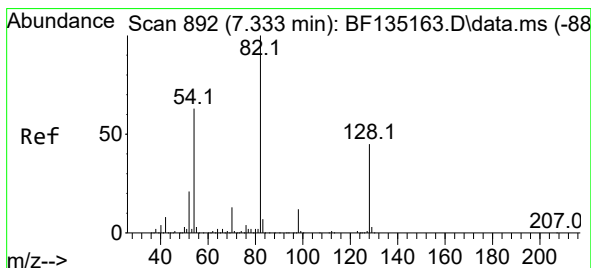
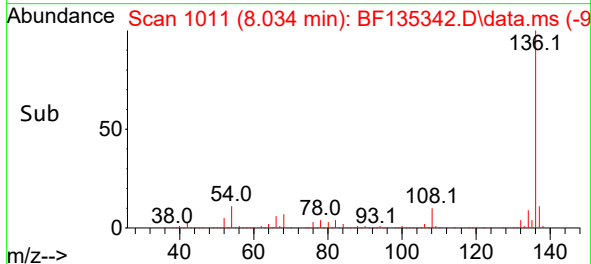
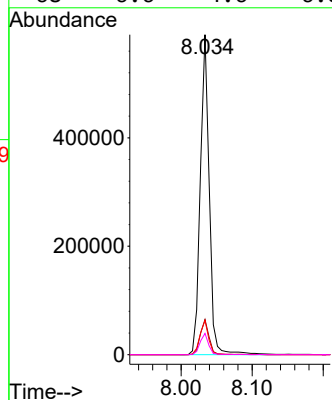


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDE

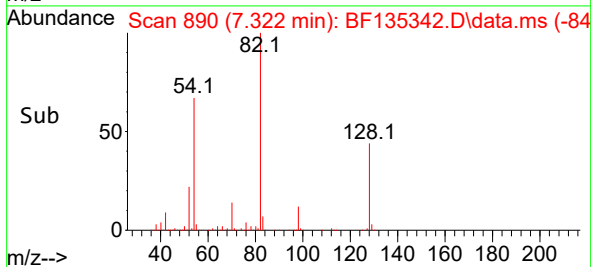
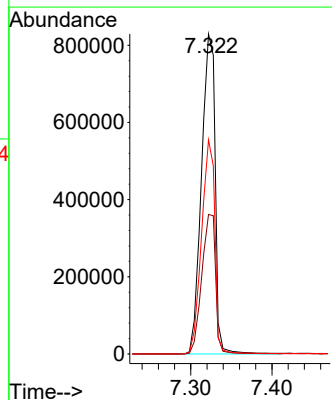
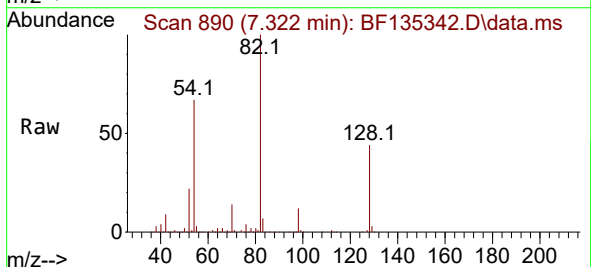


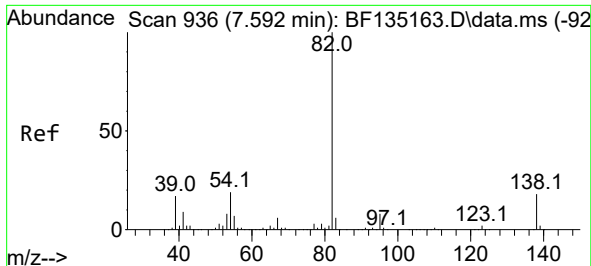
Tgt Ion:136 Resp: 520677
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.7 7.7 11.5
68 6.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 101.366 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

Tgt Ion: 82 Resp: 971462
Ion Ratio Lower Upper
82 100
128 43.6 35.8 53.6
54 66.9 50.6 76.0

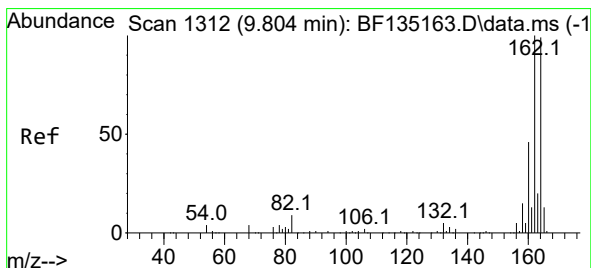
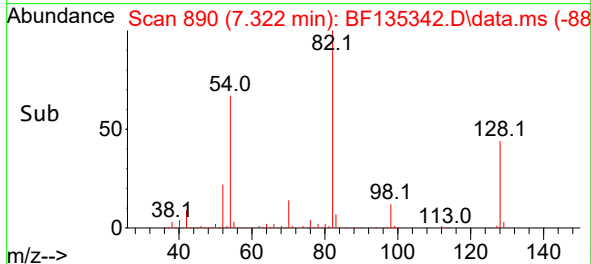
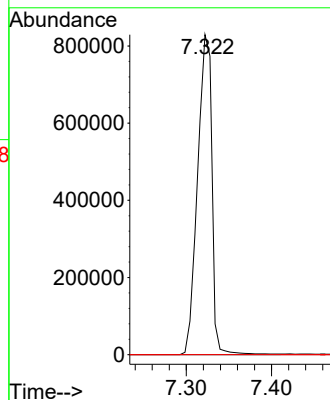
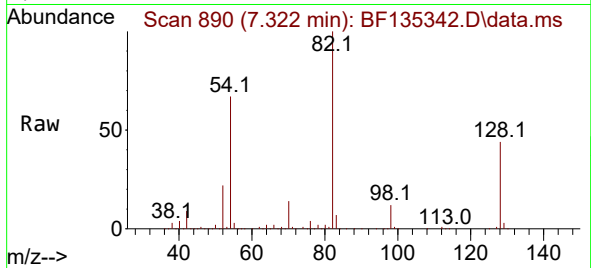




#25
Isophorone
Concen: 55.202 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

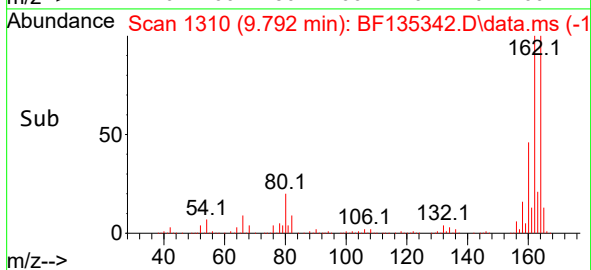
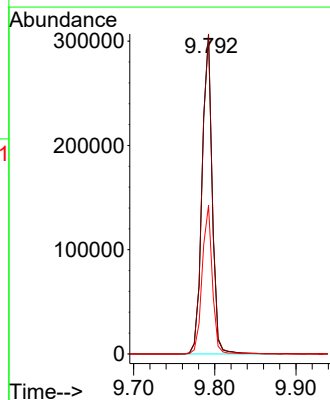
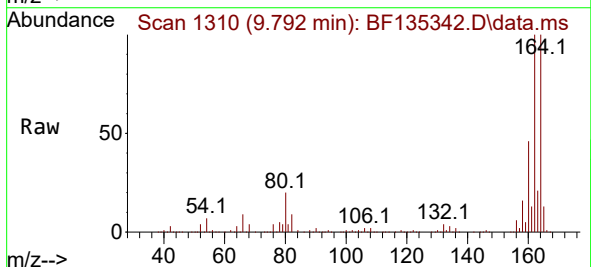
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDE

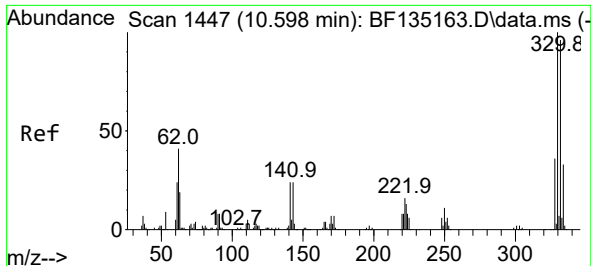
Tgt Ion: 82 Resp: 971449
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

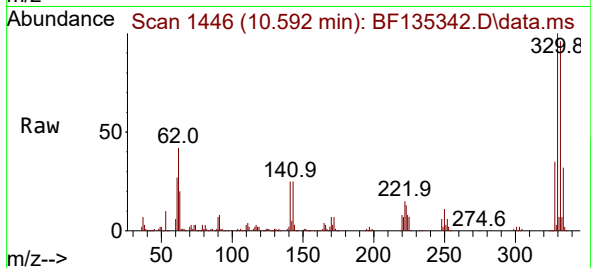
Tgt Ion: 164 Resp: 264116
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 46.5 37.0 55.4



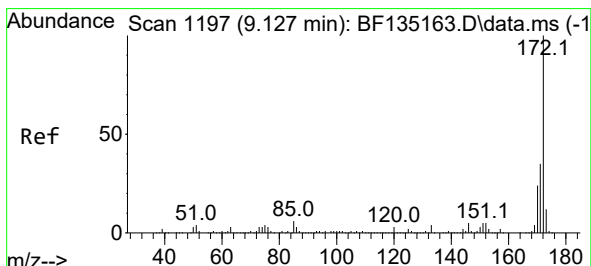
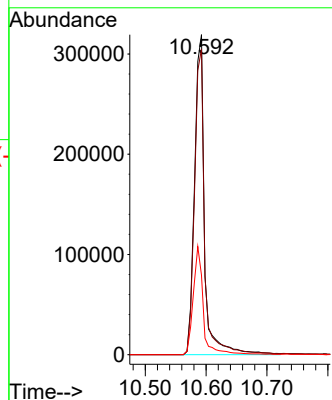
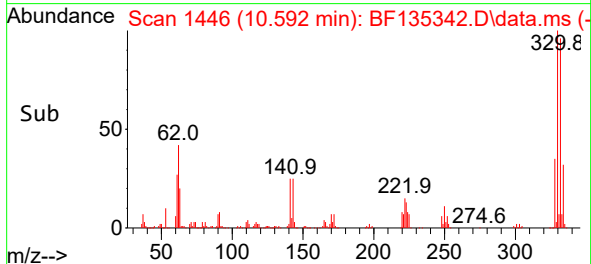


#42
2,4,6-Tribromophenol
Concen: 139.296 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

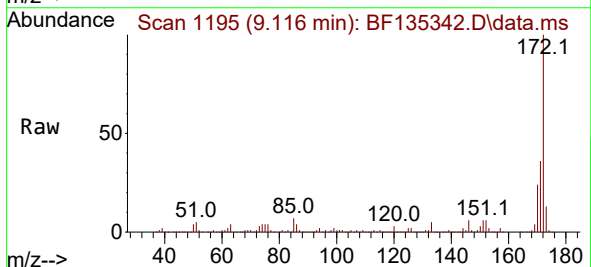
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ClientSampleId :
DEL-2-RIGHT-SIDE



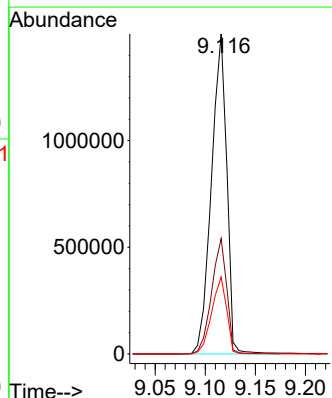
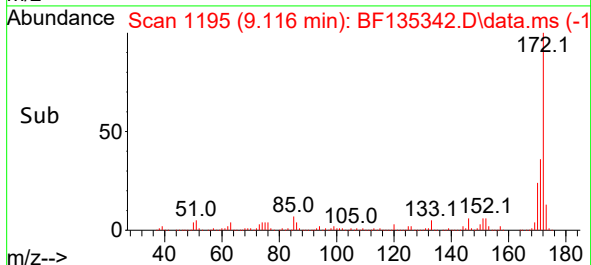
Tgt Ion:330 Resp: 365606
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 34.0 25.8 38.8

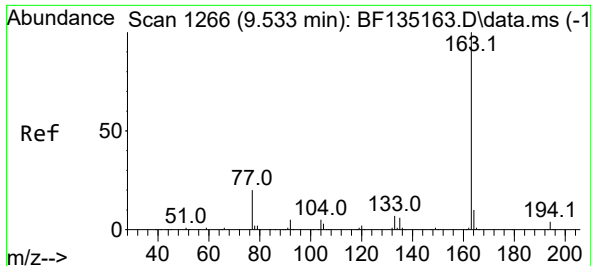


#45
2-Fluorobiphenyl
Concen: 91.246 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57



Tgt Ion:172 Resp: 1597356
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.1 19.0 28.4

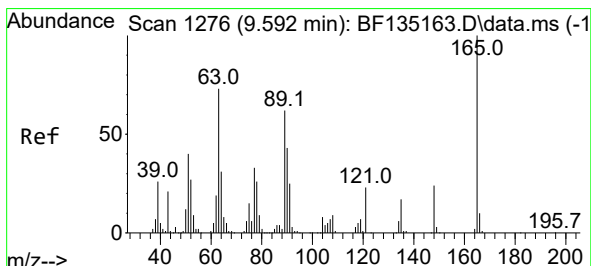
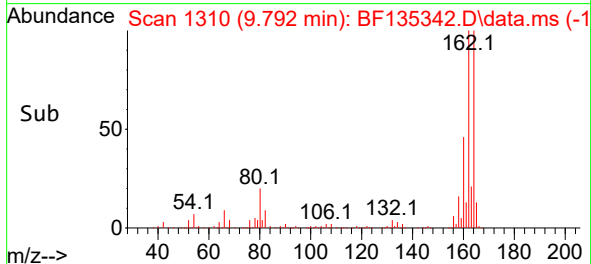
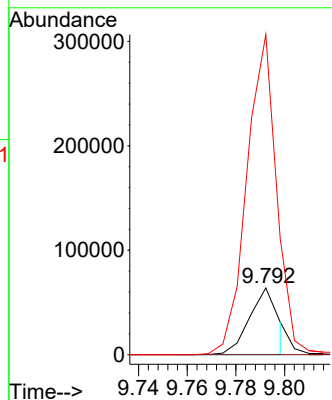
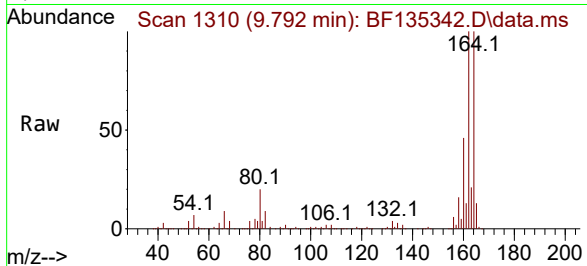




#50
Dimethylphthalate
Concen: 2.921 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

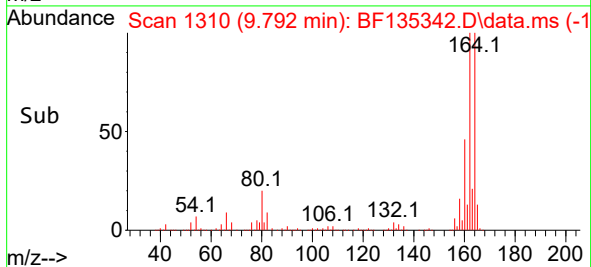
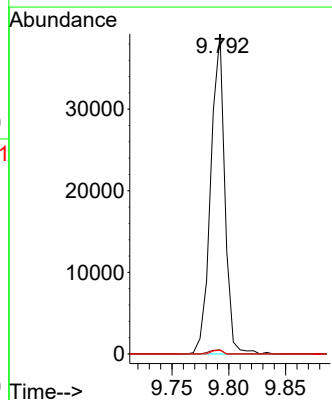
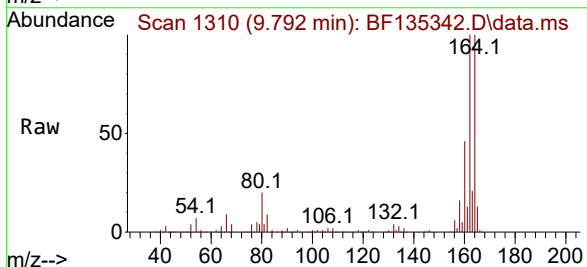
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDE

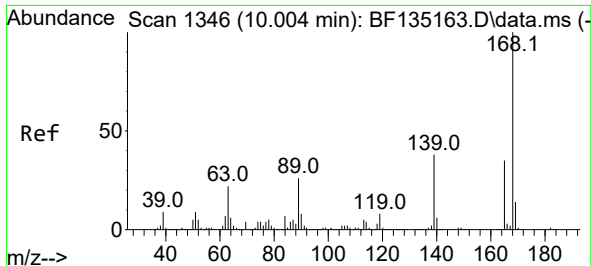
Tgt Ion:163 Resp: 52158
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 479.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.619 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

Tgt Ion:165 Resp: 33716
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.1 49.8 74.8#

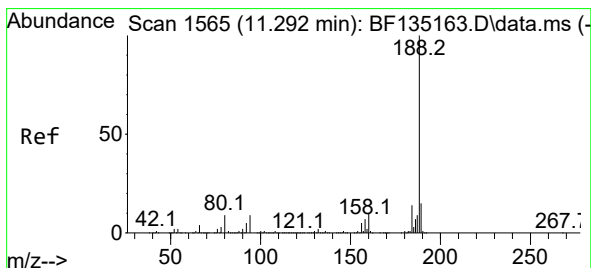
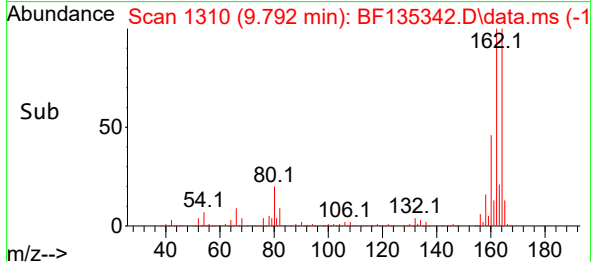
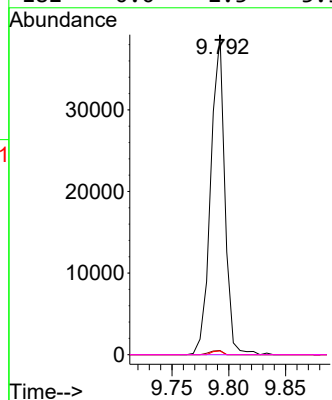
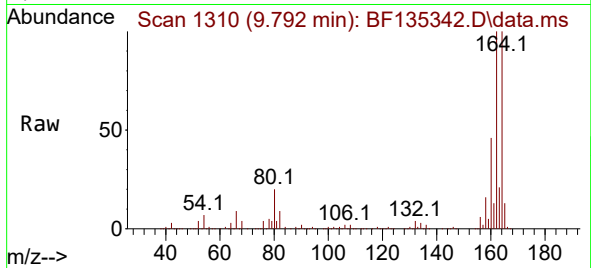




#57
2,4-Dinitrotoluene
Concen: 6.885 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

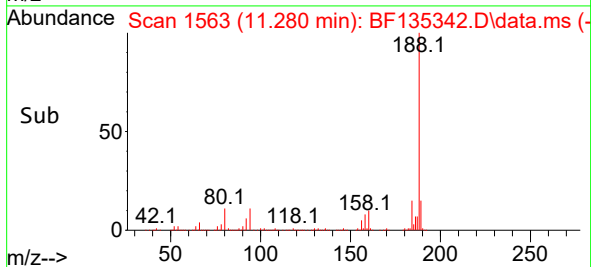
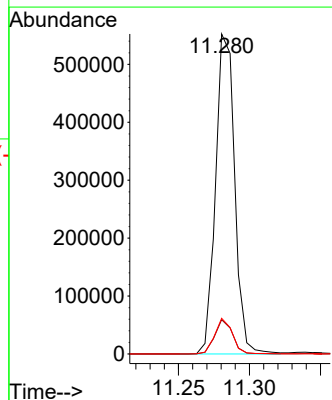
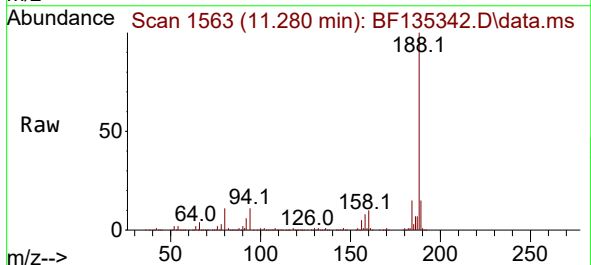
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDE

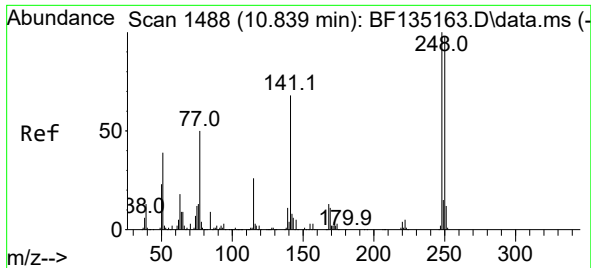
Tgt Ion:165	Resp:	33716
Ion	Ratio	Lower Upper
165	100	
63	1.3	50.1 75.1#
89	1.1	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

Tgt Ion:188	Resp:	516081
Ion	Ratio	Lower Upper
188	100	
94	10.7	7.0 10.6#
80	11.2	7.5 11.3

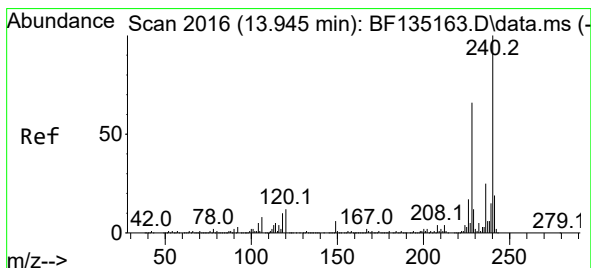
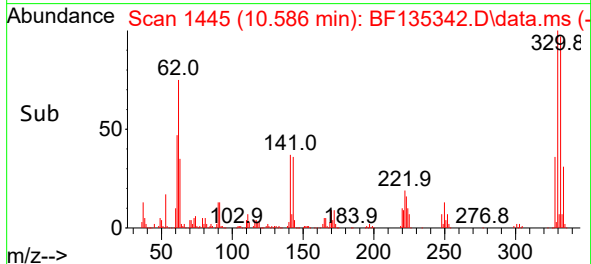
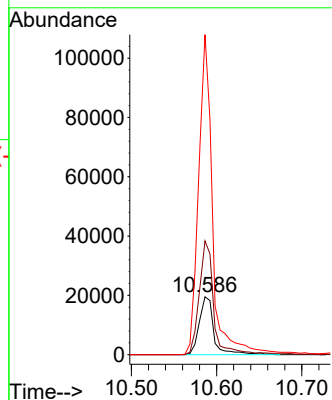
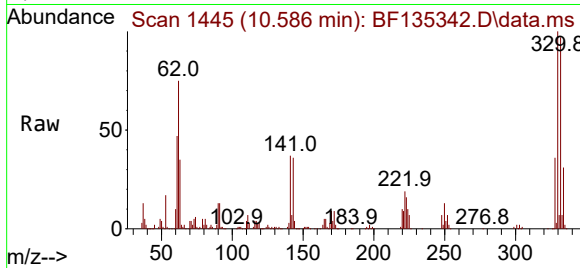




#67
4-Bromophenyl-phenylether
Concen: 4.546 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

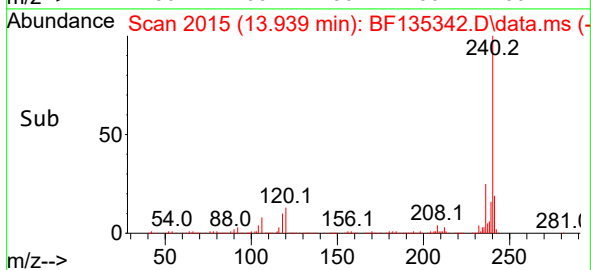
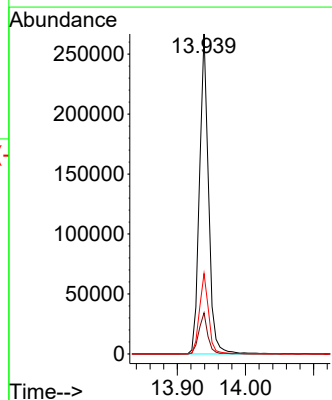
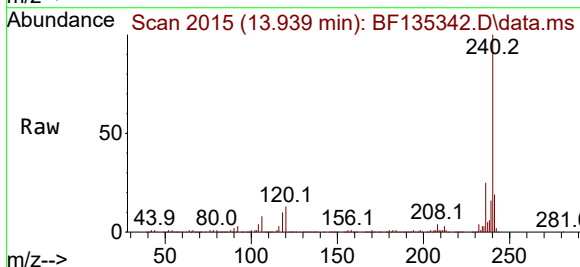
Instrument :
BNA_F
ClientSampleId :
DEL-2-RIGHT-SIDE

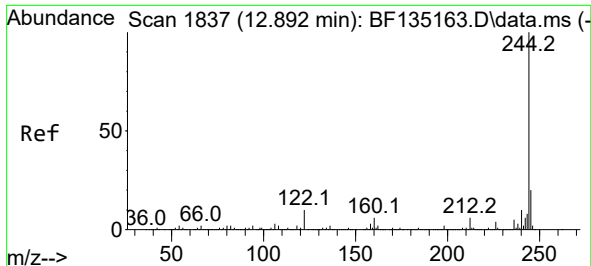
Tgt Ion:248 Resp: 23334
Ion Ratio Lower Upper
248 100
250 196.2 78.6 117.8#
141 552.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135342.D
Acq: 19 Sep 2023 18:57

Tgt Ion:240 Resp: 245342
Ion Ratio Lower Upper
240 100
120 12.9 9.4 14.2
236 25.2 19.8 29.8

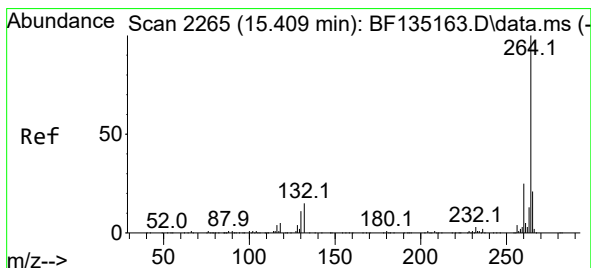
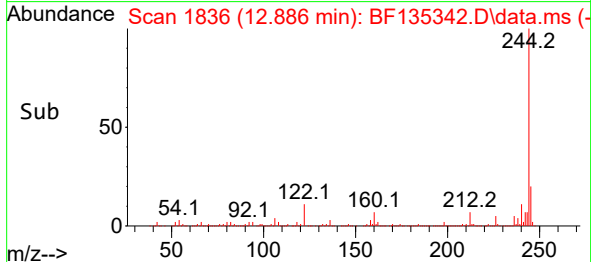
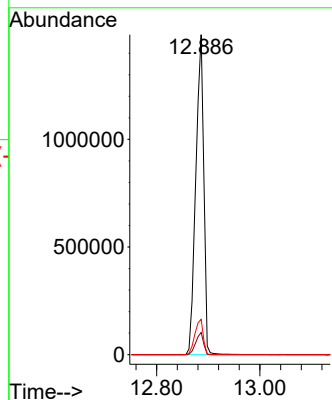
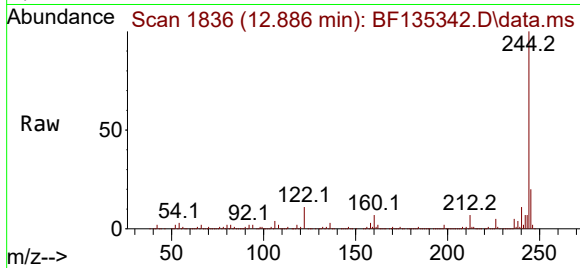




#79
 Terphenyl-d14
 Concen: 100.336 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135342.D
 Acq: 19 Sep 2023 18:57

Instrument :
 BNA_F
 ClientSampleId :
 DEL-2-RIGHT-SIDE

Tgt Ion:244 Resp: 1587974
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.1 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135342.D
 Acq: 19 Sep 2023 18:57

Tgt Ion:264 Resp: 258766
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.8 29.6
 265 20.9 17.0 25.4

