

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135247.D
 Acq On : 14 Sep 2023 11:28
 Operator : CG\JU
 Sample : PB155361BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BL

Quant Time: Sep 15 01:05:28 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)

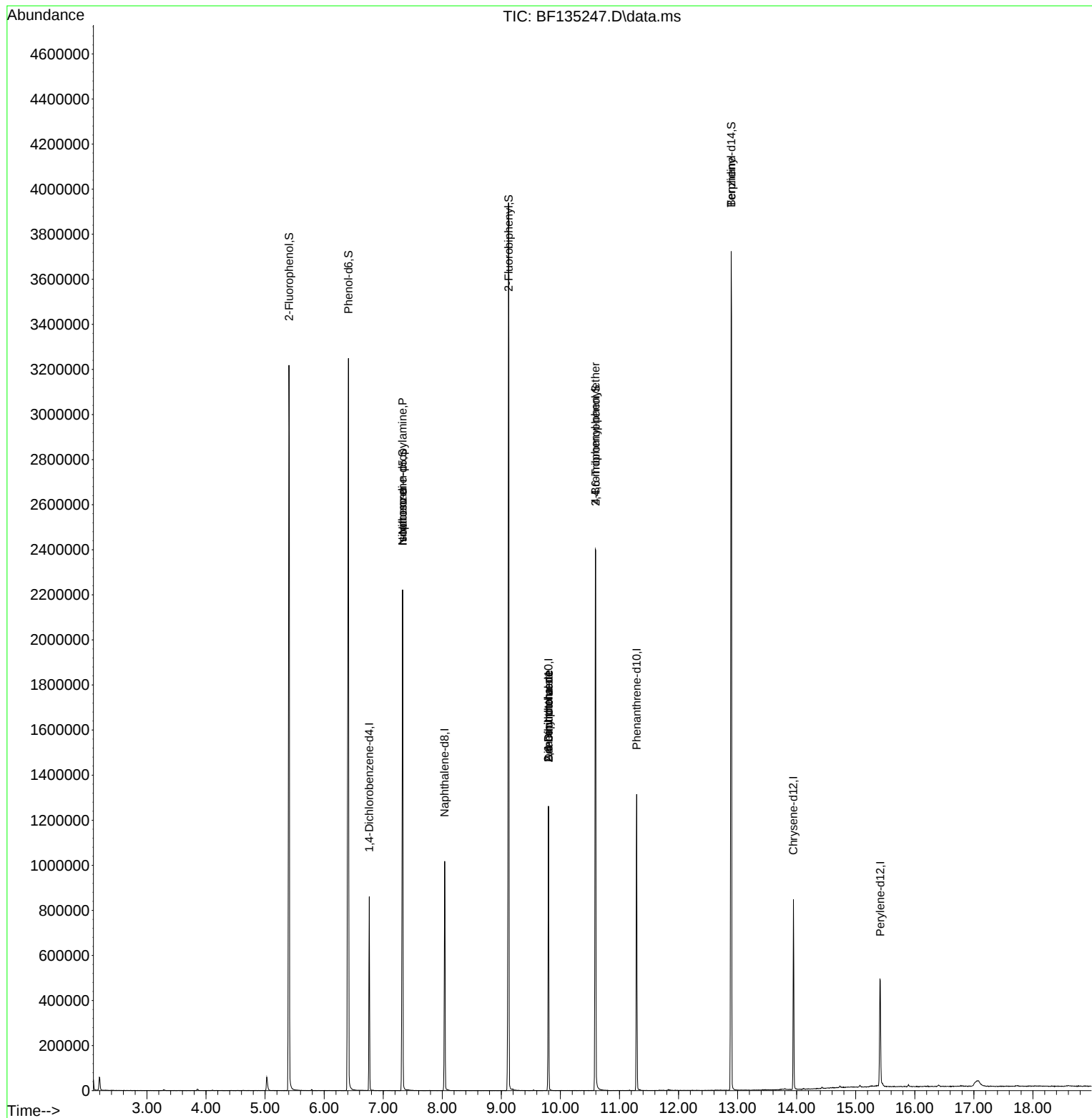
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	115872	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	445119	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	236615	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	478649	20.000	ng	0.00
76) Chrysene-d12	13.945	240	264407	20.000	ng	0.00
86) Perylene-d12	15.416	264	242573	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	955181	134.075	ng	0.02
7) Phenol-d6	6.410	99	1192096	131.594	ng	0.00
23) Nitrobenzene-d5	7.328	82	765505	93.434	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	339100	144.213	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1374844	87.664	ng	0.00
79) Terphenyl-d14	12.892	244	1560049	91.464	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.328	70	104540	18.631	ng	# 79
25) Isophorone	7.328	82	762576	50.688	ng	# 65
50) Dimethylphthalate	9.798	163	47094	2.944	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	30612	8.735	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	30612	6.977	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	20417	4.289	ng	# 1
77) Benzidine	12.892	184	19789	3.653	ng	# 94

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

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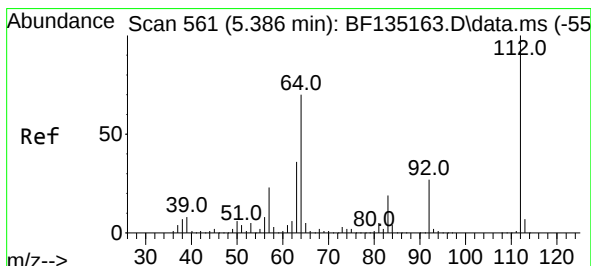
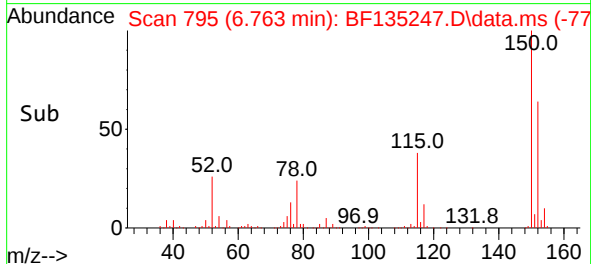
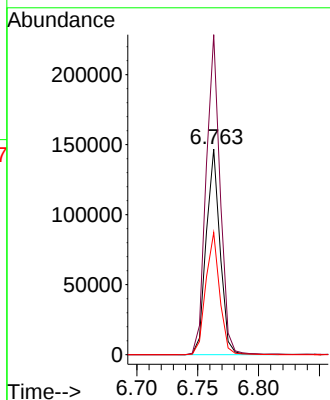
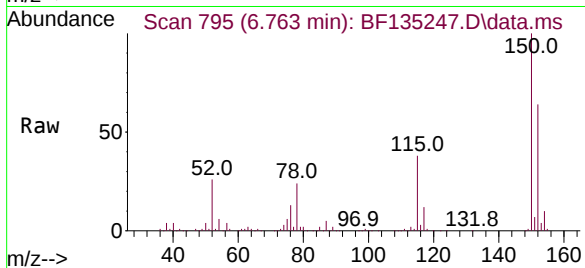




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

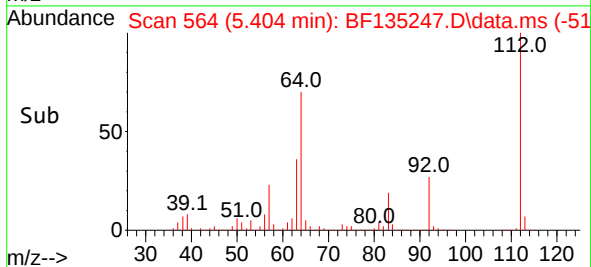
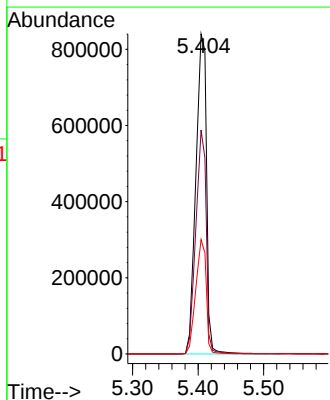
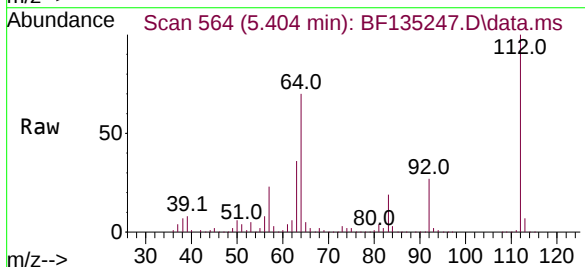
Instrument :
BNA_F
ClientSampleId :
PB155361BL

Tgt Ion:152 Resp: 115872
Ion Ratio Lower Upper
152 100
150 155.6 127.8 191.6
115 59.4 49.8 74.8



#5
2-Fluorophenol
Concen: 134.075 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

Tgt Ion:112 Resp: 955181
Ion Ratio Lower Upper
112 100
64 69.9 55.9 83.9
63 35.8 29.0 43.6

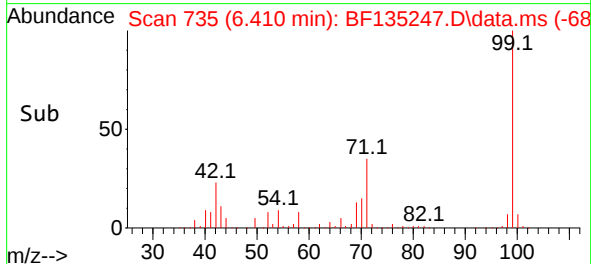
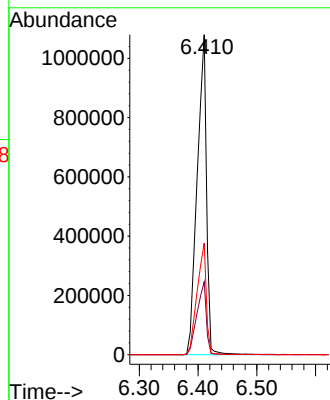
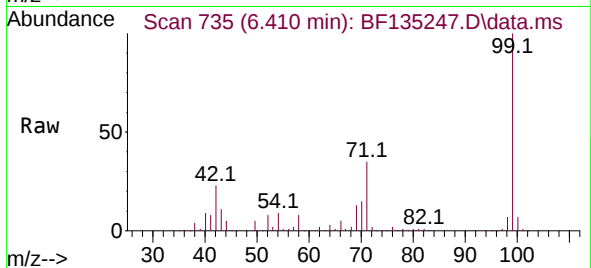




#7
Phenol-d6
Concen: 131.594 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

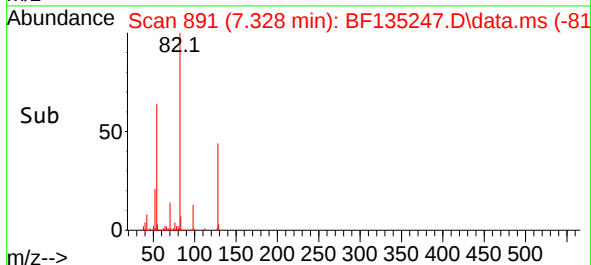
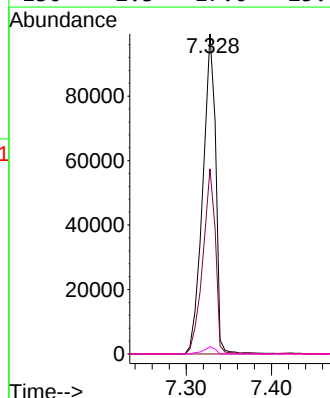
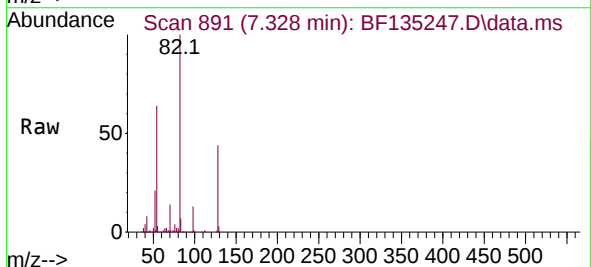
Instrument :
BNA_F
ClientSampleId :
PB155361BL

Tgt Ion: 99 Resp: 1192096
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 34.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.631 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

Tgt Ion: 70 Resp: 104540
Ion Ratio Lower Upper
70 100
42 57.9 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#

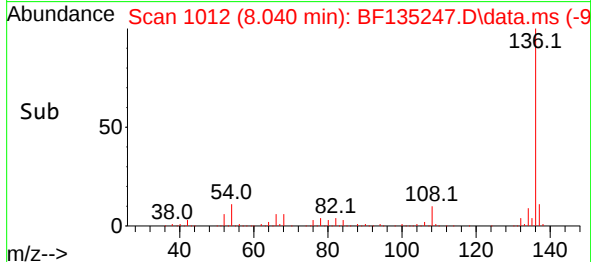
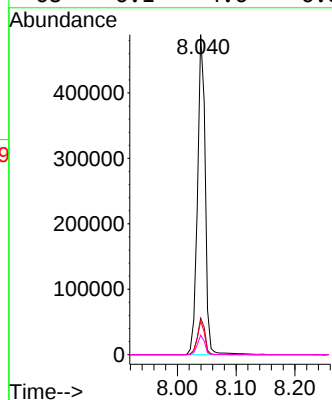
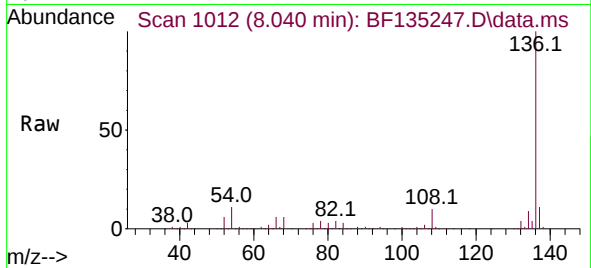




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

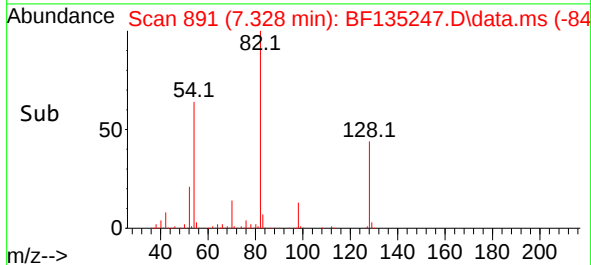
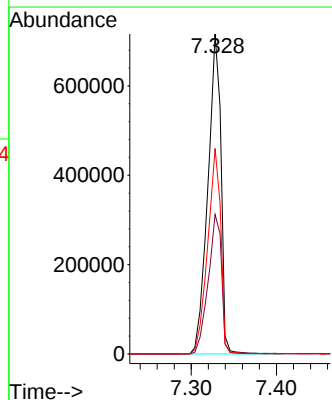
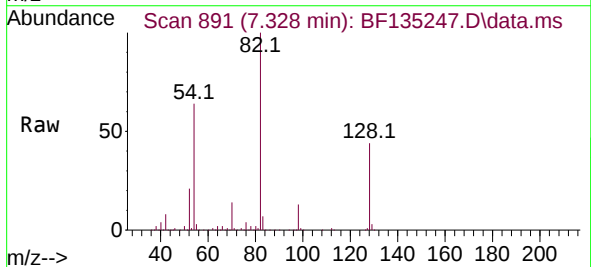
Instrument :
BNA_F
ClientSampleId :
PB155361BL

Tgt Ion:136 Resp: 445119
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.5 7.7 11.5
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 93.434 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

Tgt Ion: 82 Resp: 765505
Ion Ratio Lower Upper
82 100
128 43.6 35.8 53.6
54 64.2 50.6 76.0

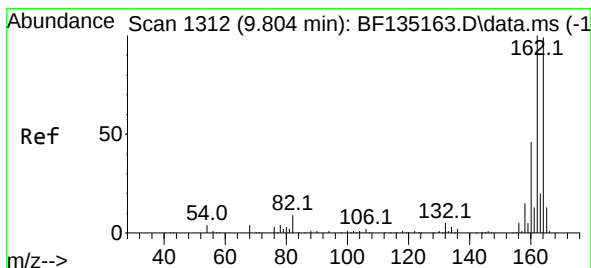
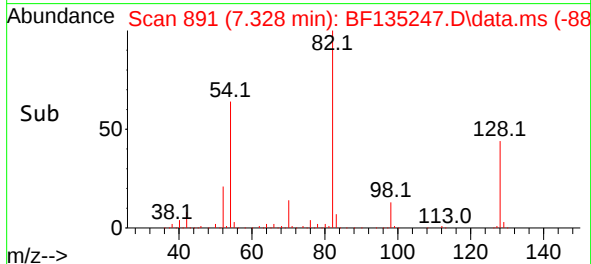
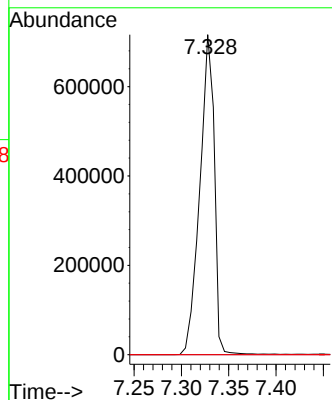
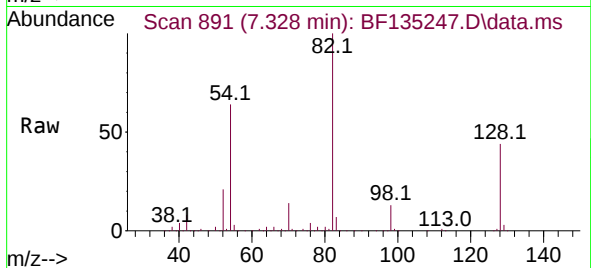




#25
Isophorone
Concen: 50.688 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

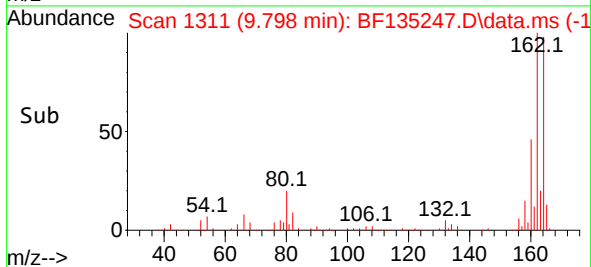
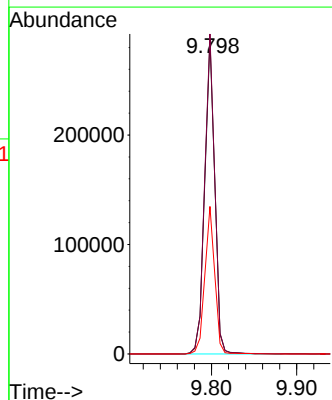
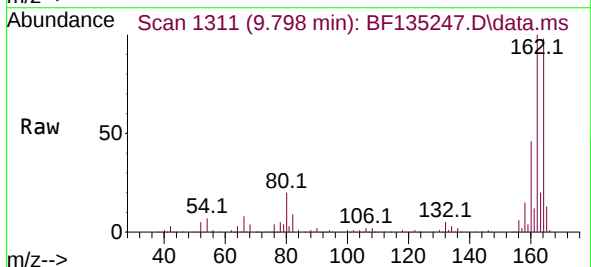
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ClientSampleId :
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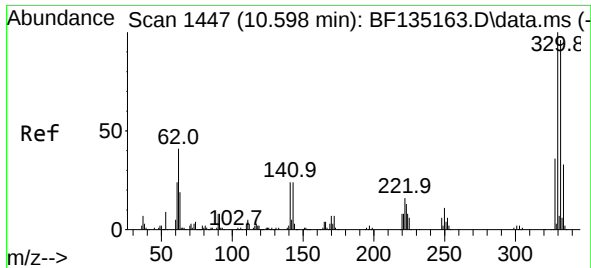
Tgt Ion: 82 Resp: 762576
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

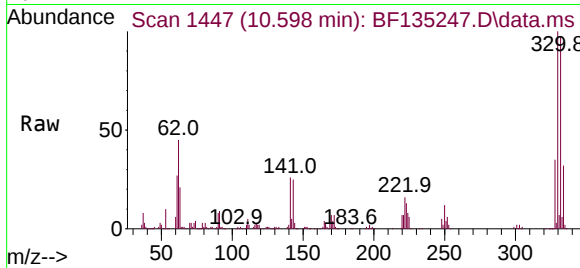
Tgt Ion: 164 Resp: 236615
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 46.8 37.0 55.4



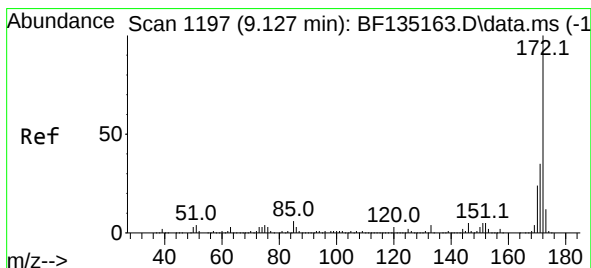
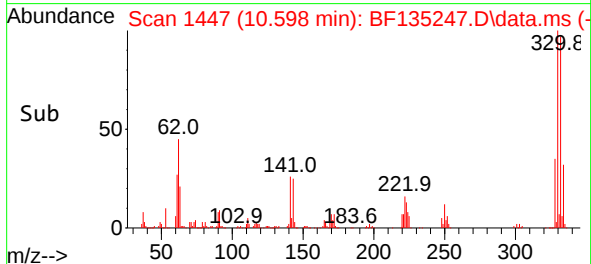
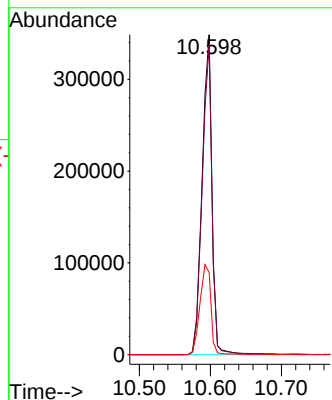


#42
2,4,6-Tribromophenol
Concen: 144.213 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

Instrument :
BNA_F
ClientSampleId :
PB155361BL

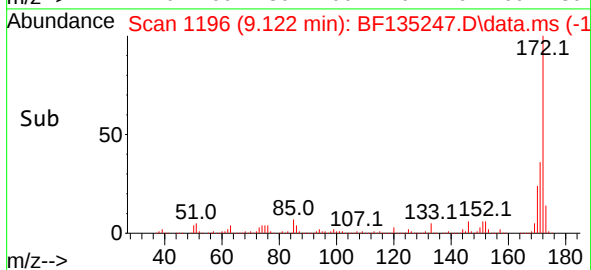
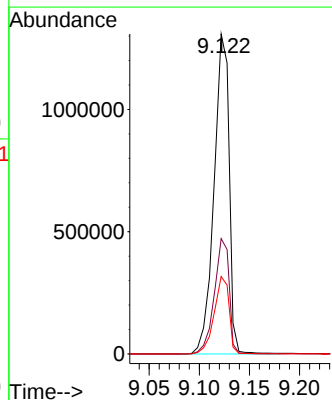
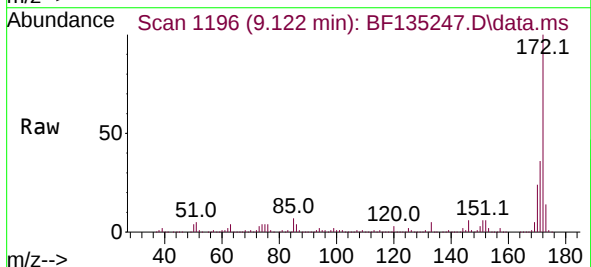


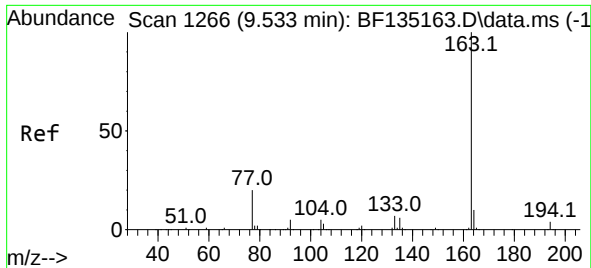
Tgt Ion: 330 Resp: 339100
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 31.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 87.664 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

Tgt Ion: 172 Resp: 1374844
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.2 19.0 28.4

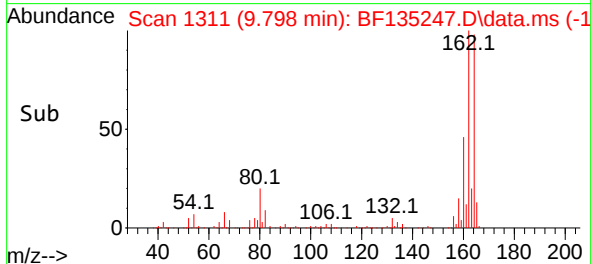
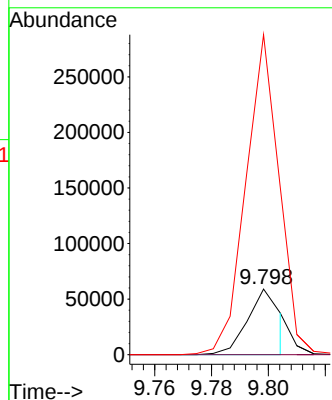
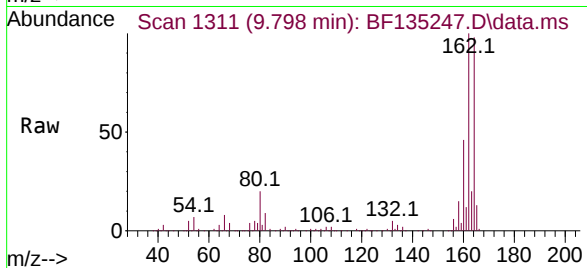




#50
Dimethylphthalate
Concen: 2.944 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

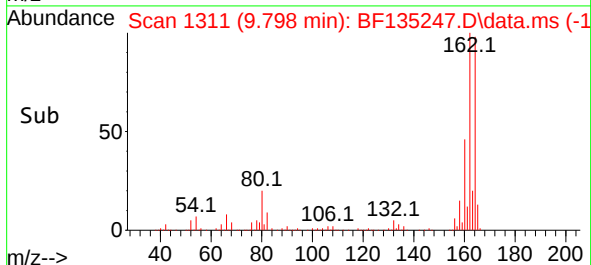
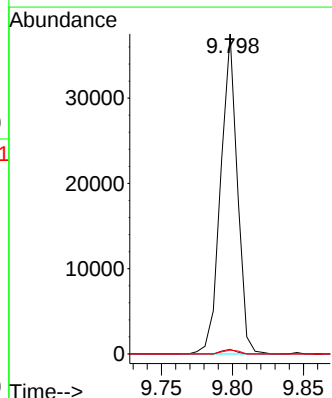
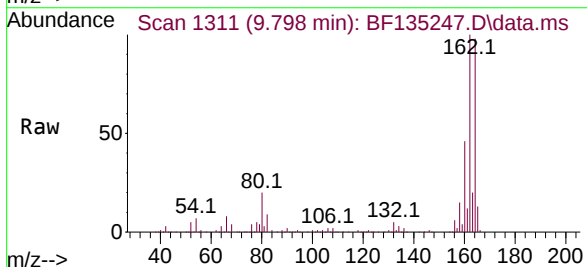
Instrument :
BNA_F
ClientSampleId :
PB155361BL

Tgt Ion:163 Resp: 47094
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 488.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.735 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

Tgt Ion:165 Resp: 30612
Ion Ratio Lower Upper
165 100
63 1.5 59.4 89.2#
89 1.2 49.8 74.8#

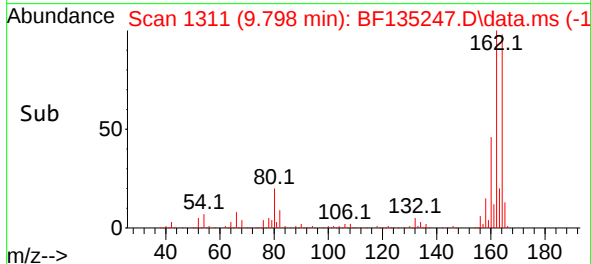
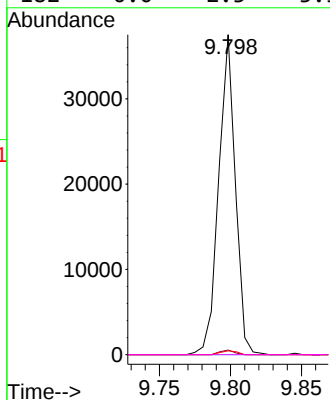
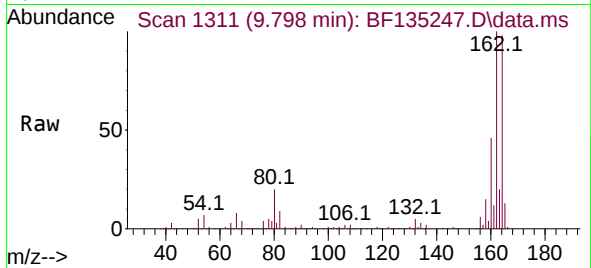




#57
2,4-Dinitrotoluene
Concen: 6.977 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

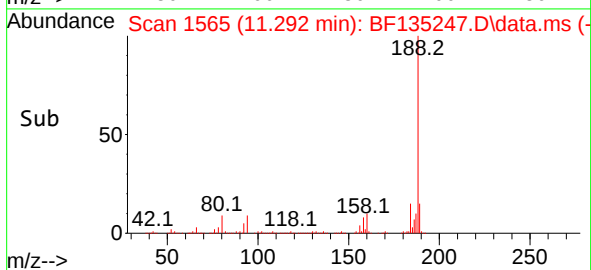
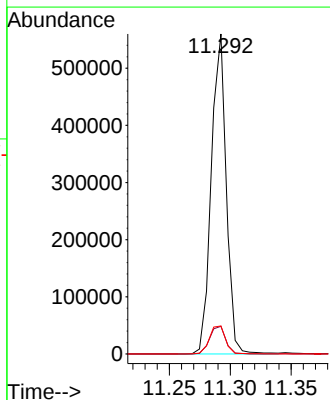
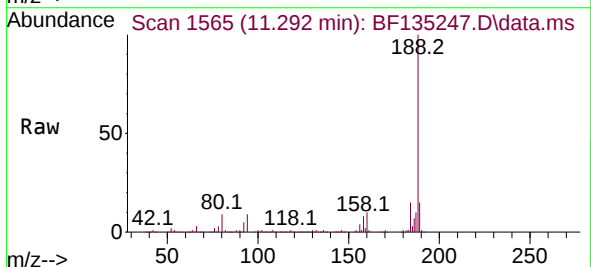
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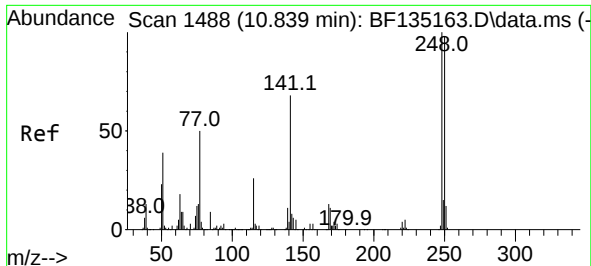
Tgt Ion:165 Resp: 30612
Ion Ratio Lower Upper
165 100
63 1.5 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

Tgt Ion:188 Resp: 478649
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 8.8 7.5 11.3

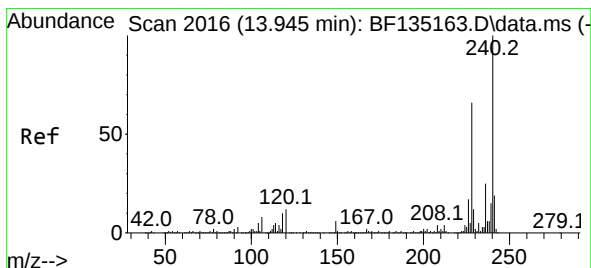
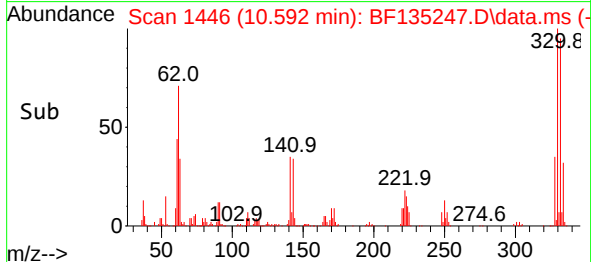
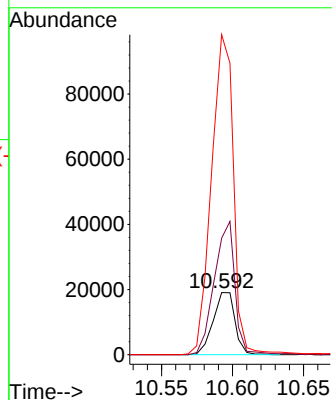
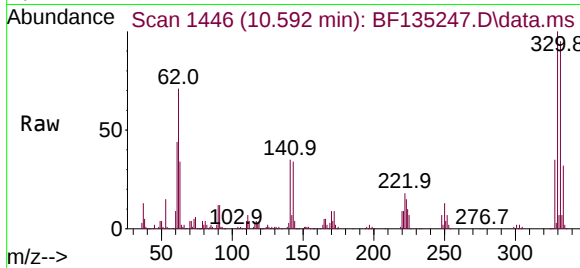




#67
4-Bromophenyl-phenylether
Concen: 4.289 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

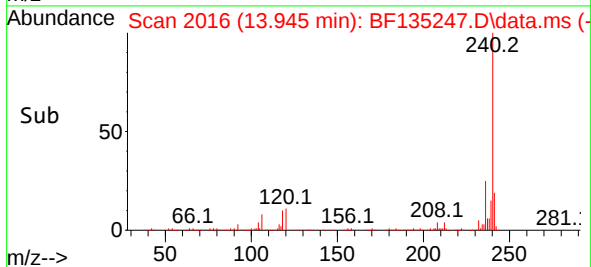
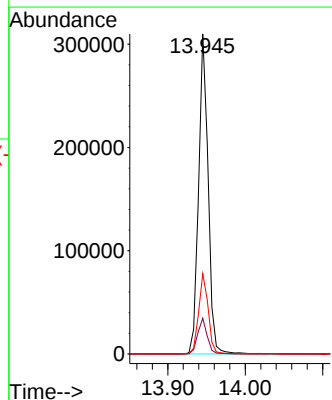
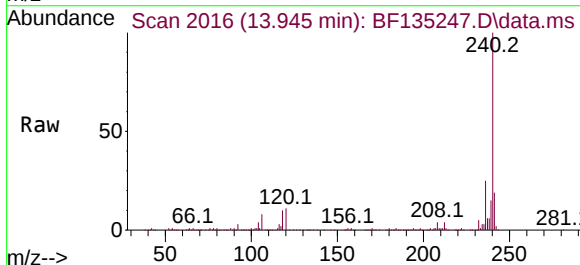
Instrument :
BNA_F
ClientSampleId :
PB155361BL

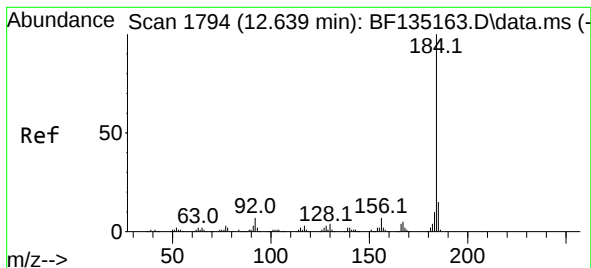
Tgt Ion:248 Resp: 20417
Ion Ratio Lower Upper
248 100
250 187.5 78.6 117.8#
141 515.4 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135247.D
Acq: 14 Sep 2023 11:28

Tgt Ion:240 Resp: 264407
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 25.1 19.8 29.8





#77

Benzidine

Concen: 3.653 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.253 min

Lab File: BF135247.D

Acq: 14 Sep 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB155361BL

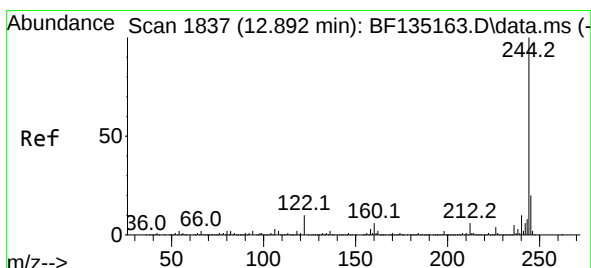
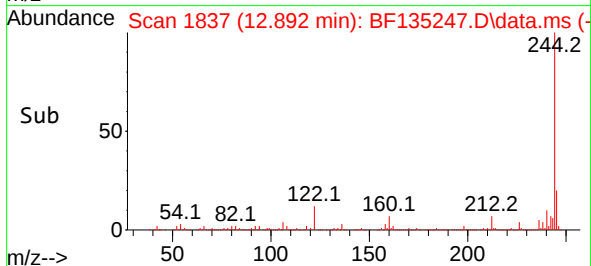
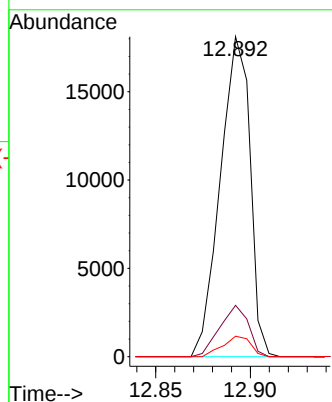
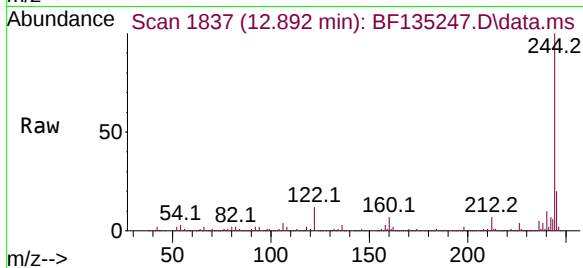
Tgt Ion:184 Resp: 19789

Ion Ratio Lower Upper

184 100

185 16.0 11.7 17.5

183 6.4 8.2 12.4#



#79

Terphenyl-d14

Concen: 91.464 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135247.D

Acq: 14 Sep 2023 11:28

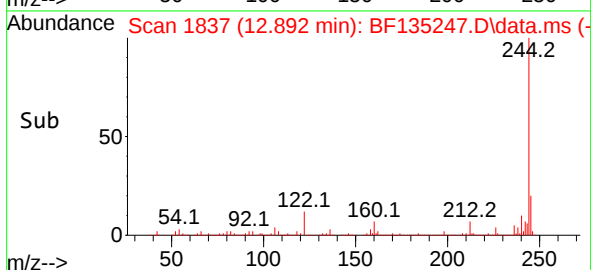
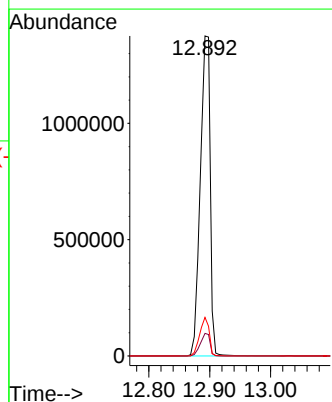
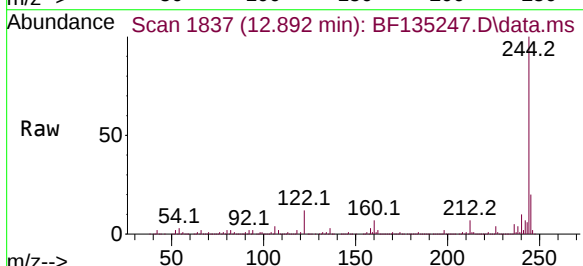
Tgt Ion:244 Resp: 1560049

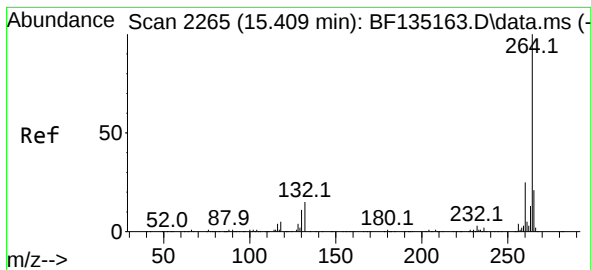
Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 12.0 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135247.D

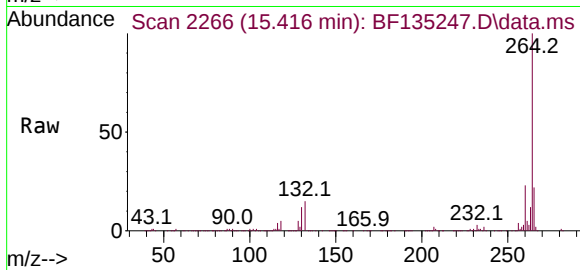
Acq: 14 Sep 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB155361BL



Tgt Ion:264 Resp: 242573

Ion Ratio Lower Upper

264 100

260 22.6 19.8 29.6

265 21.8 17.0 25.4

