

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135279.D
 Acq On : 15 Sep 2023 15:08
 Operator : CG\JU
 Sample : 04409-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1(0-2)COMP

Quant Time: Sep 15 15:41:10 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)

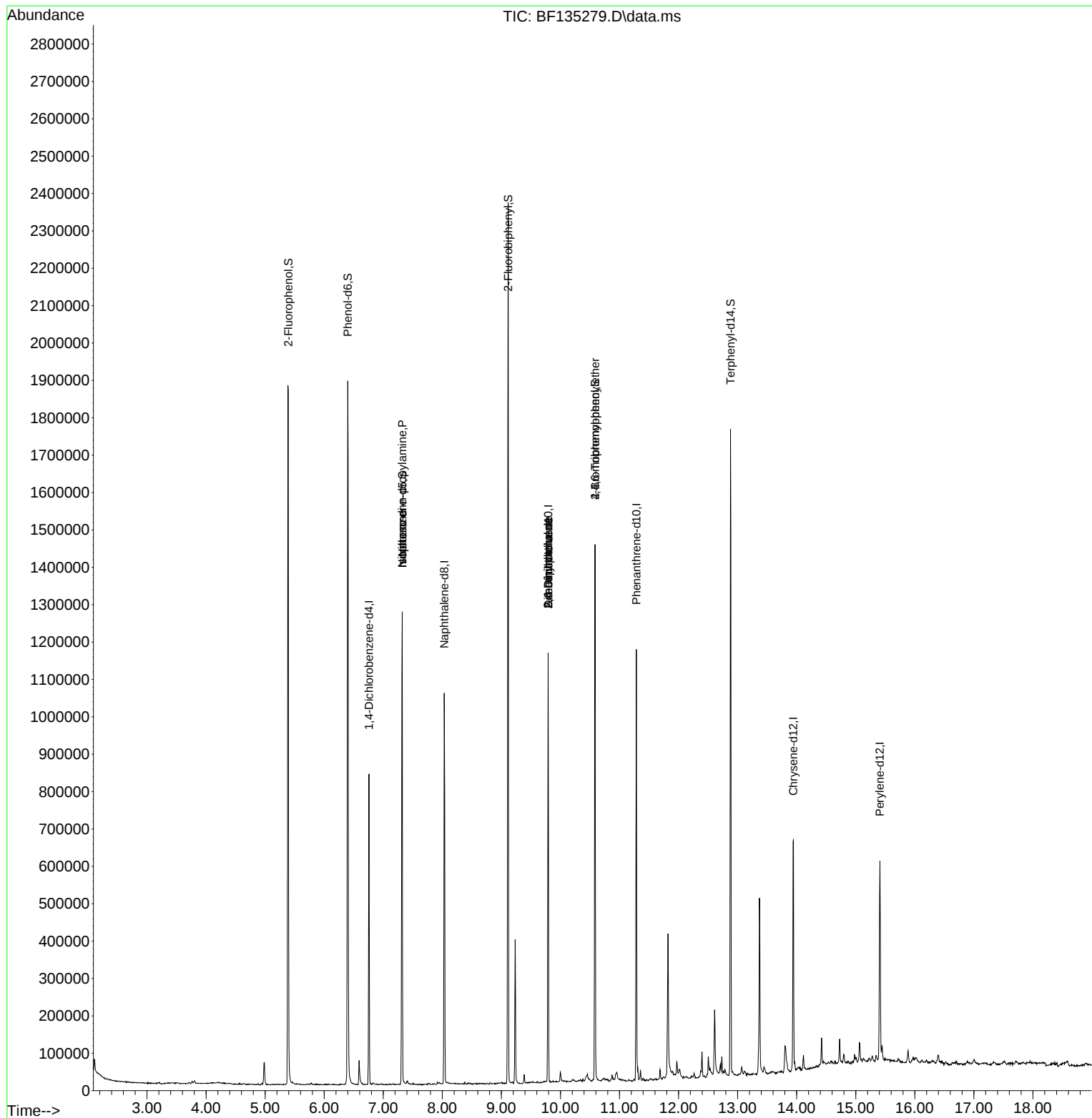
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	106975	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	428758	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	211654	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	372485	20.000	ng	0.00
76) Chrysene-d12	13.945	240	214096	20.000	ng	0.00
86) Perylene-d12	15.409	264	244298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	518913	78.895	ng	0.00
7) Phenol-d6	6.398	99	642848	76.865	ng	0.00
23) Nitrobenzene-d5	7.322	82	385080	48.795	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	151402	71.982	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	704757	50.237	ng	-0.01
79) Terphenyl-d14	12.880	244	604247	43.751	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.322	70	51024	9.850	ng	# 81
25) Isophorone	7.322	82	383200	26.443	ng	# 65
50) Dimethylphthalate	9.792	163	41510	2.901	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	27363	8.729	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	27363	6.972	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	9894	2.671	ng	# 1

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

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QLast Update : Tue Sep 12 00:19:07 2023
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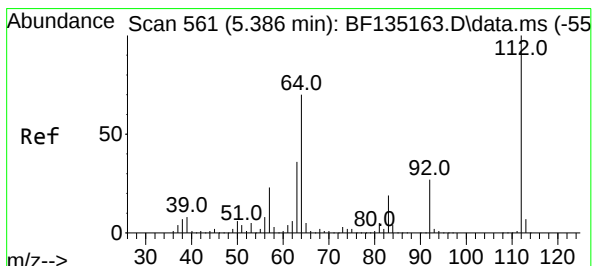
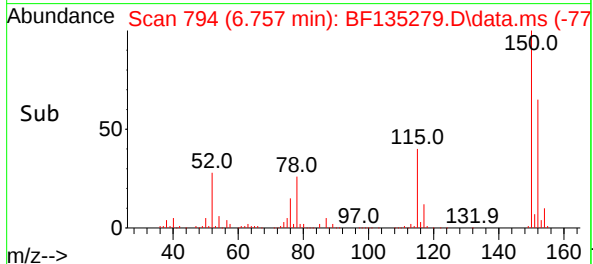
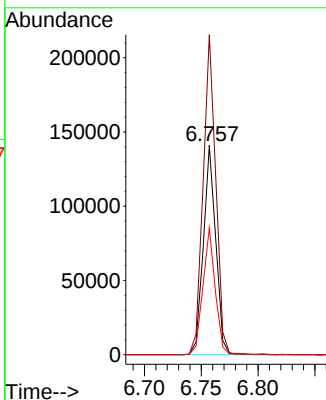
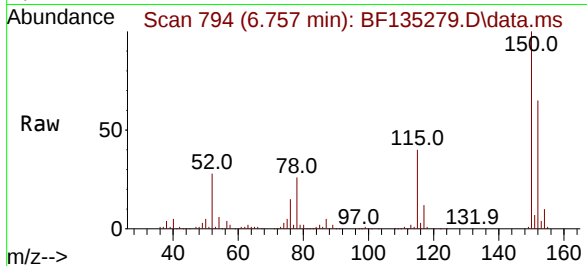




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

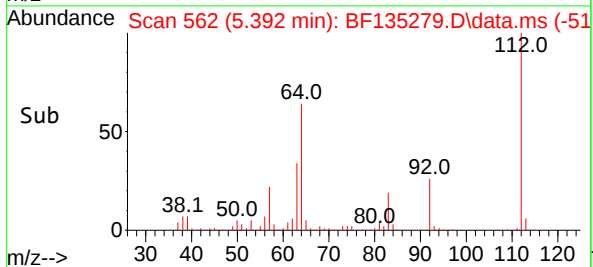
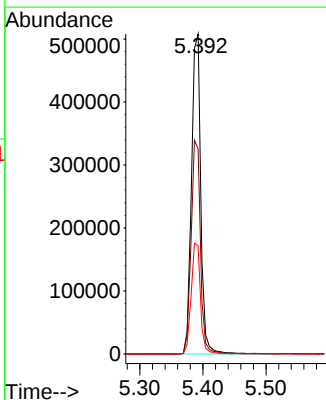
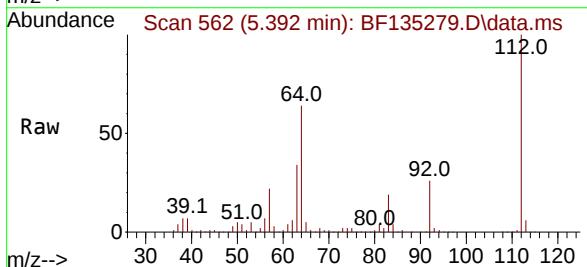
Instrument :
BNA_F
ClientSampleId :
WC-1(0-2)COMP

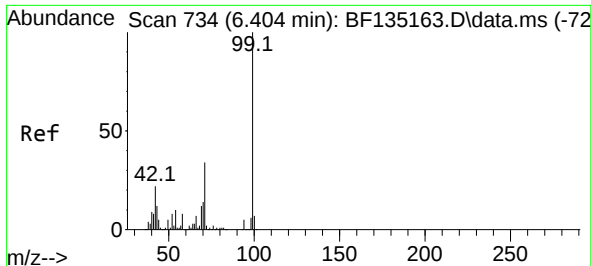
Tgt Ion:152 Resp: 106975
Ion Ratio Lower Upper
152 100
150 153.0 127.8 191.6
115 60.7 49.8 74.8



#5
2-Fluorophenol
Concen: 78.895 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

Tgt Ion:112 Resp: 518913
Ion Ratio Lower Upper
112 100
64 64.0 55.9 83.9
63 33.8 29.0 43.6

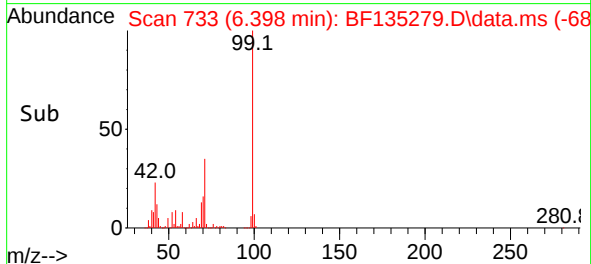
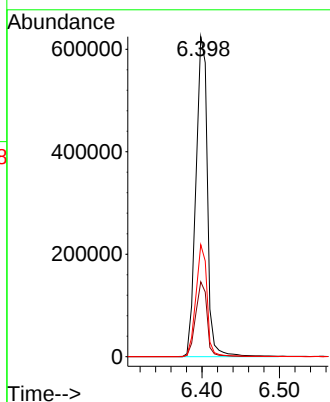
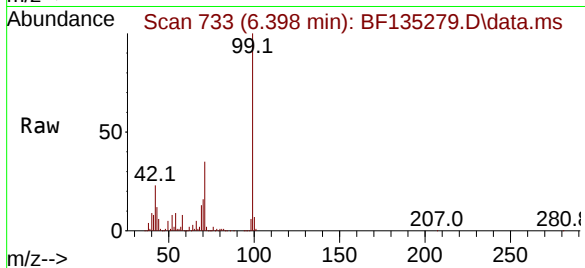




#7
Phenol-d6
Concen: 76.865 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

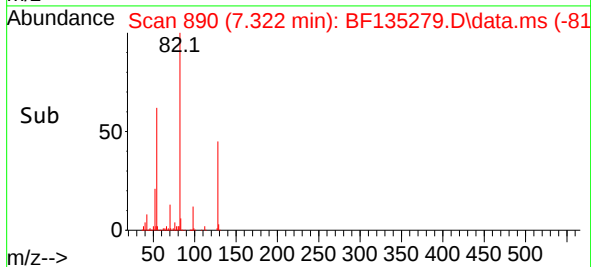
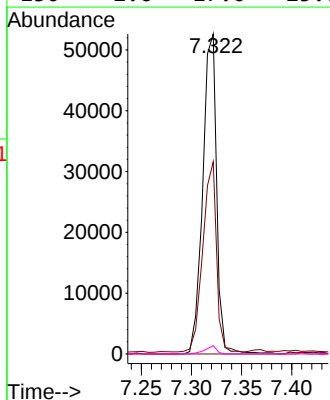
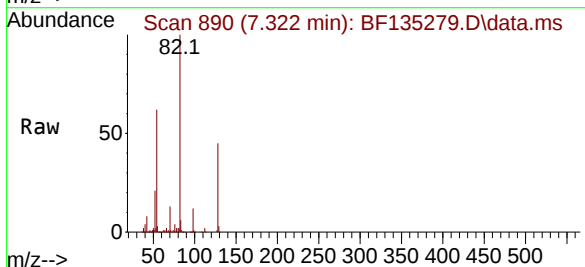
Instrument :
BNA_F
ClientSampleId :
WC-1(0-2)COMP

Tgt Ion: 99 Resp: 642848
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 35.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.850 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

Tgt Ion: 70 Resp: 51024
Ion Ratio Lower Upper
70 100
42 60.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.6 17.0 25.6#

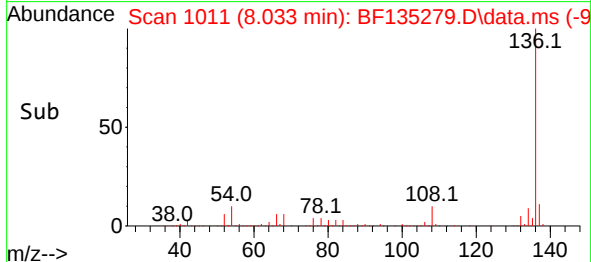
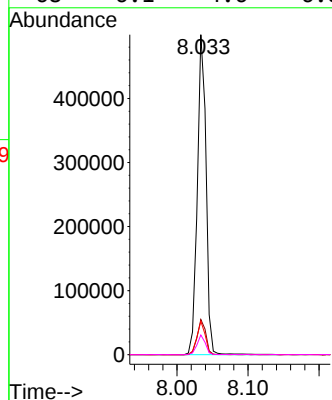
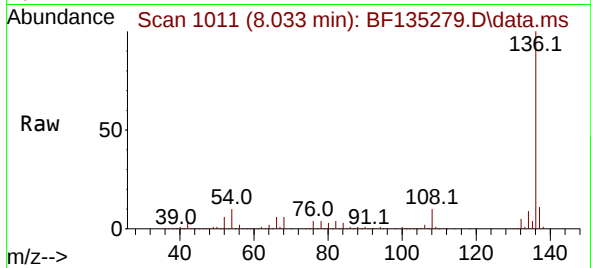




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

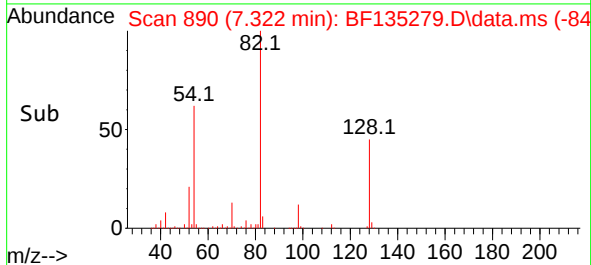
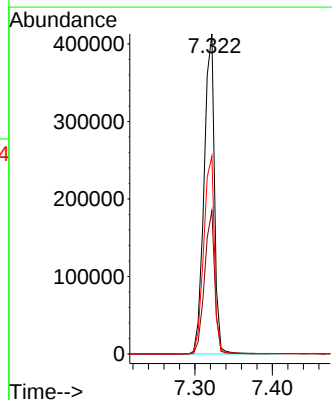
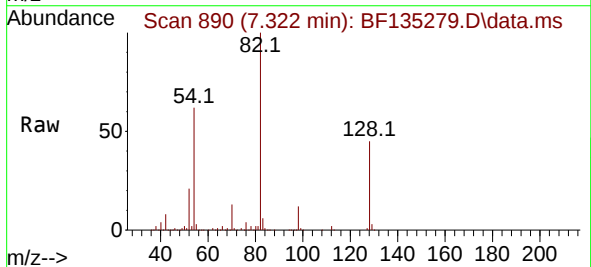
Instrument :
BNA_F
ClientSampleId :
WC-1(0-2)COMP

Tgt Ion:136 Resp: 428758
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.5 7.7 11.5
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 48.795 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

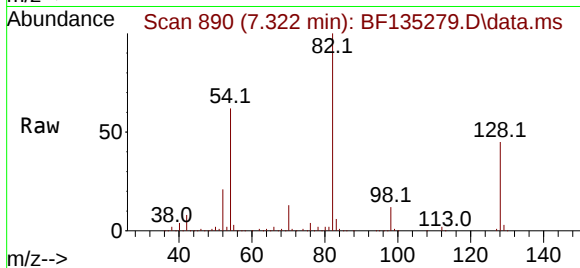
Tgt Ion: 82 Resp: 385080
Ion Ratio Lower Upper
82 100
128 44.8 35.8 53.6
54 61.9 50.6 76.0



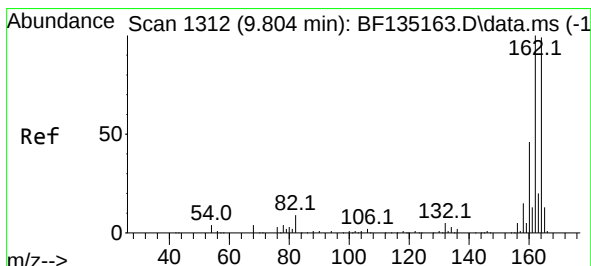
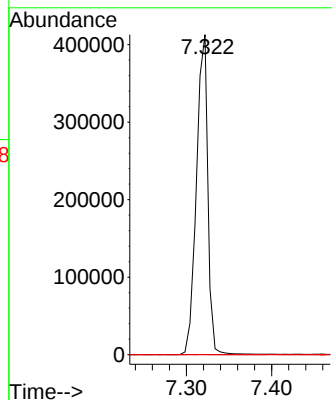
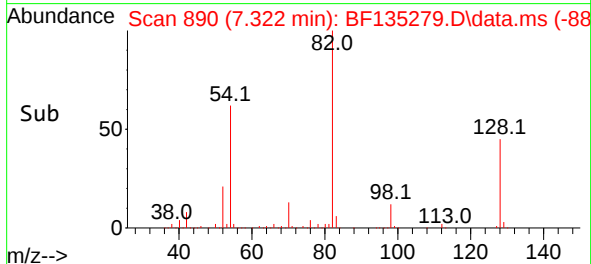


#25
Isophorone
Concen: 26.443 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

Instrument :
BNA_F
ClientSampleId :
WC-1(0-2)COMP

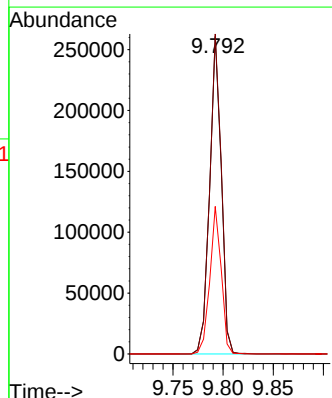
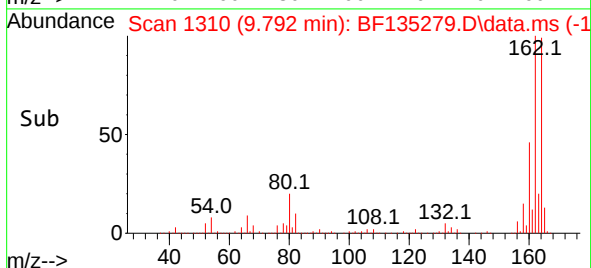
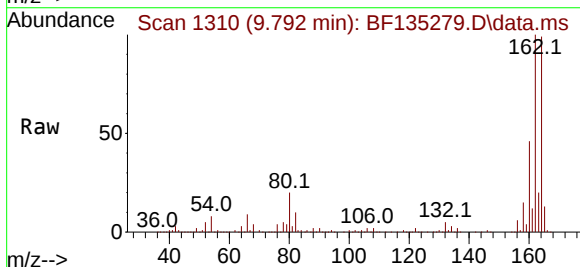


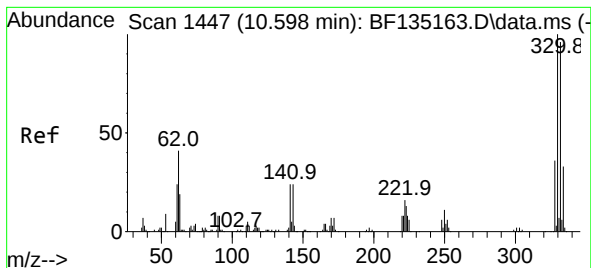
Tgt Ion: 82 Resp: 383200
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

Tgt Ion:164 Resp: 211654
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 46.4 37.0 55.4

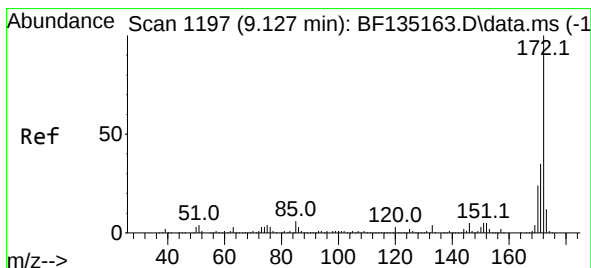
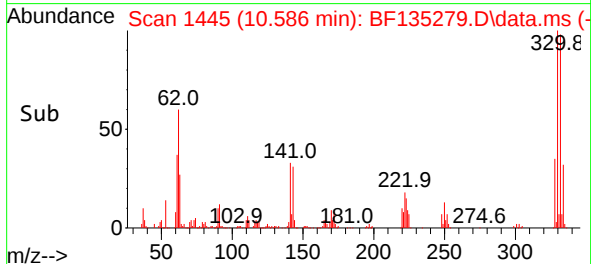
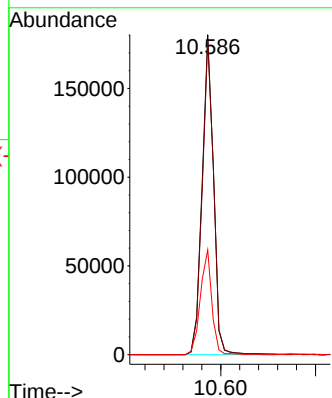
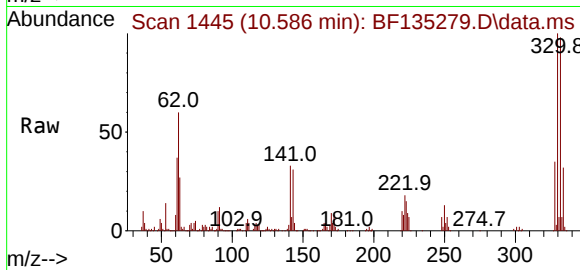




#42
2,4,6-Tribromophenol
Concen: 71.982 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

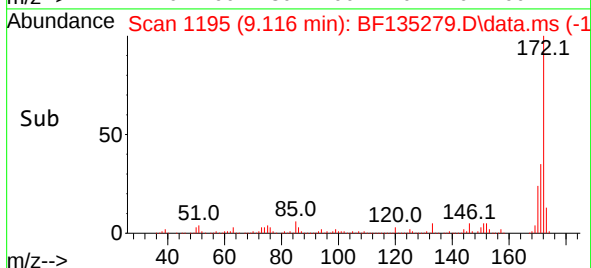
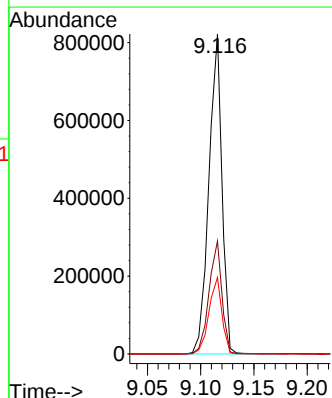
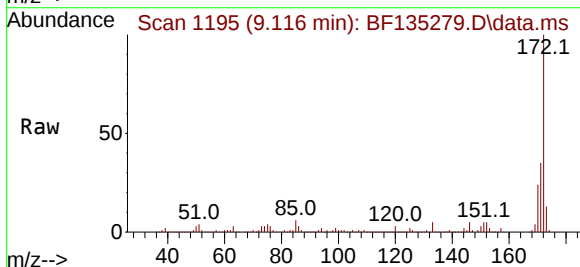
Instrument :
BNA_F
ClientSampleId :
WC-1(0-2)COMP

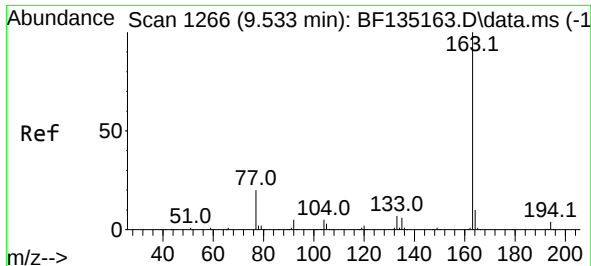
Tgt Ion:330 Resp: 151402
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 33.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 50.237 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

Tgt Ion:172 Resp: 704757
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.9 19.0 28.4

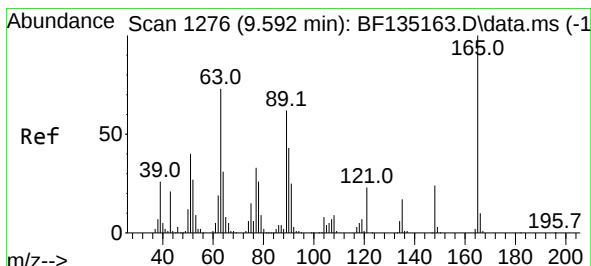
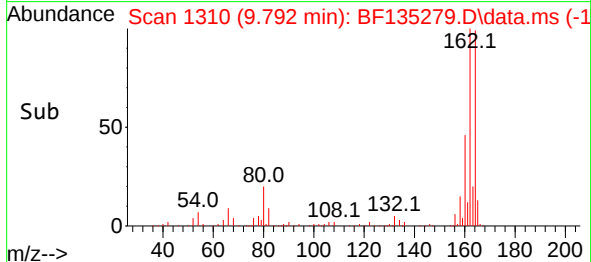
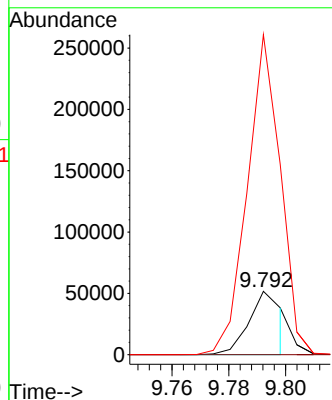
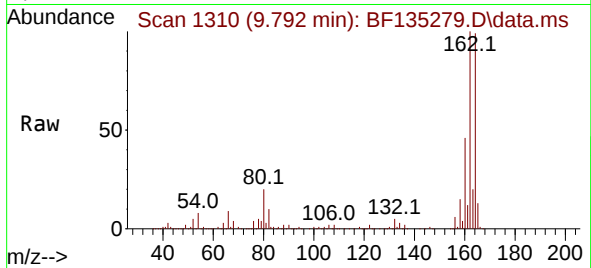




#50
Dimethylphthalate
Concen: 2.901 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

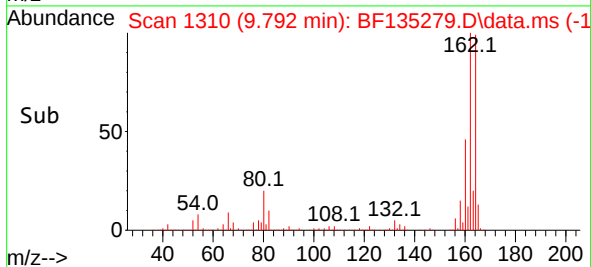
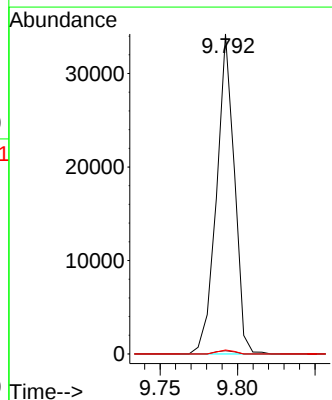
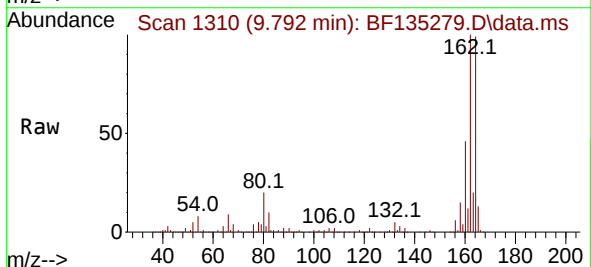
Instrument :
BNA_F
ClientSampleId :
WC-1(0-2)COMP

Tgt Ion:163 Resp: 41510
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: 8.729 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

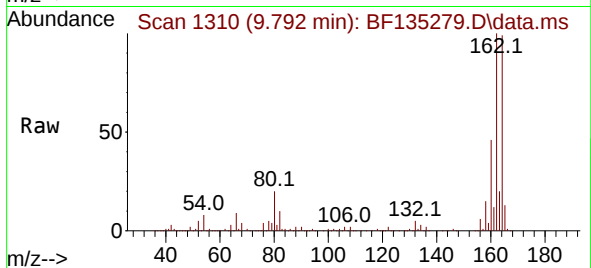
Tgt Ion:165 Resp: 27363
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.2 49.8 74.8#



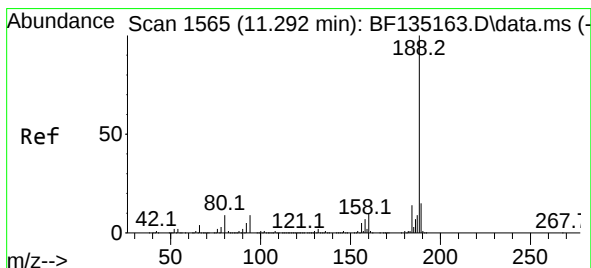
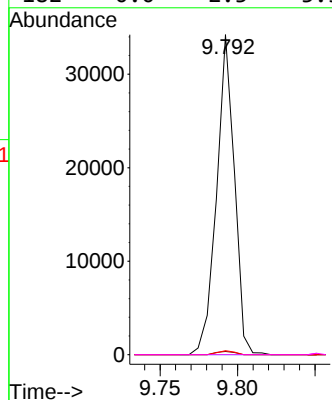
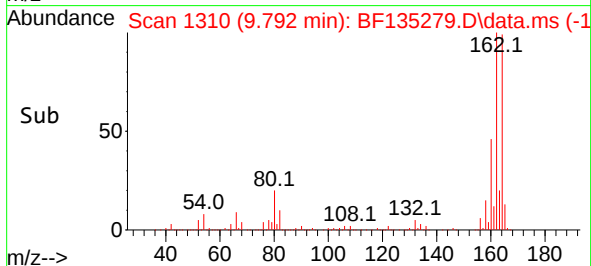


#57
2,4-Dinitrotoluene
Concen: 6.972 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

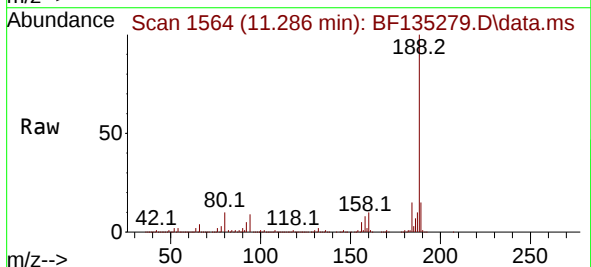
Instrument :
BNA_F
ClientSampleId :
WC-1(0-2)COMP



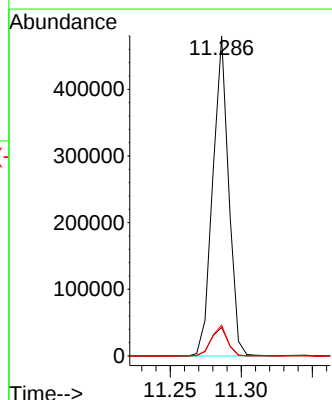
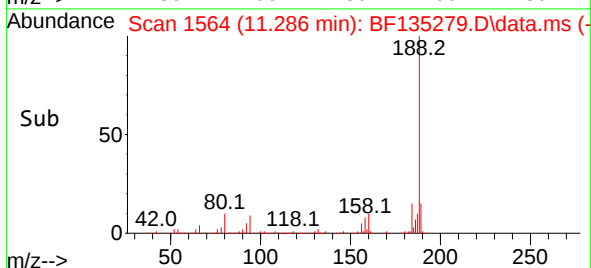
Tgt Ion:165 Resp: 27363
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#

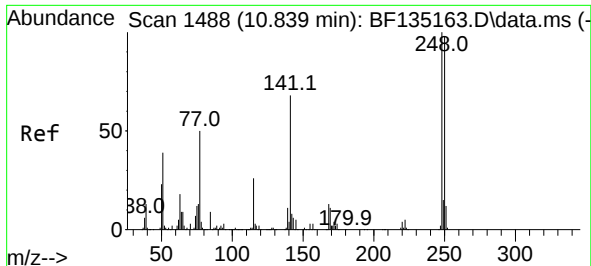


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08



Tgt Ion:188 Resp: 372485
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.6 7.5 11.3

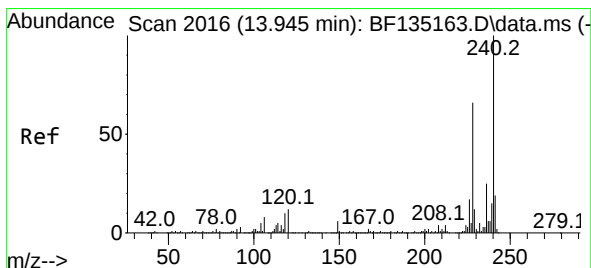
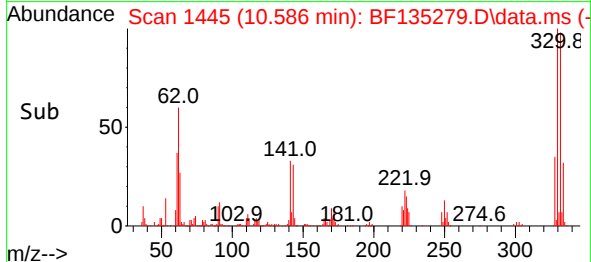
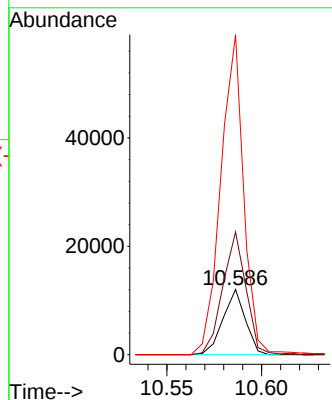
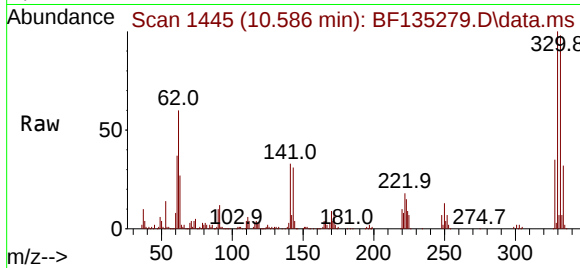




#67
4-Bromophenyl-phenylether
Concen: 2.671 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

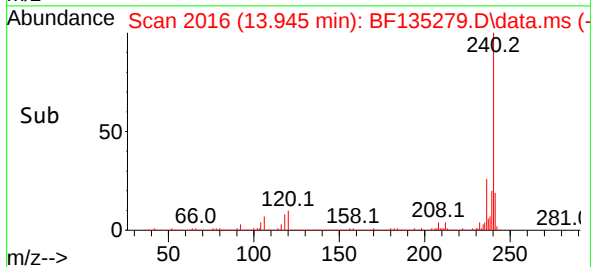
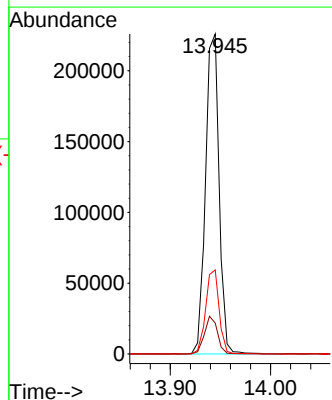
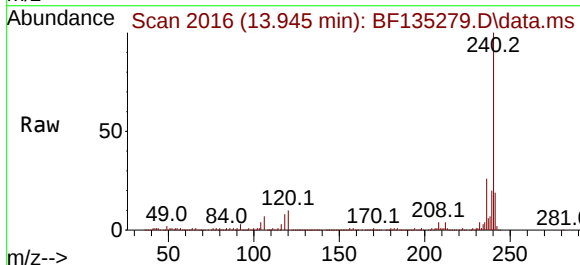
Instrument :
BNA_F
ClientSampleId :
WC-1(0-2)COMP

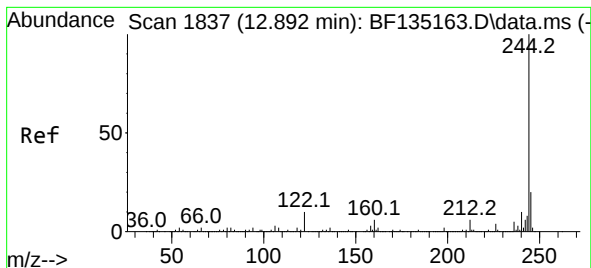
Tgt Ion:248 Resp: 9894
Ion Ratio Lower Upper
248 100
250 188.1 78.6 117.8#
141 490.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135279.D
Acq: 15 Sep 2023 15:08

Tgt Ion:240 Resp: 214096
Ion Ratio Lower Upper
240 100
120 9.6 9.4 14.2
236 26.3 19.8 29.8





#79

Terphenyl-d14

Concen: 43.751 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135279.D

Acq: 15 Sep 2023 15:08

Instrument :

BNA_F

ClientSampleId :

WC-1(0-2)COMP

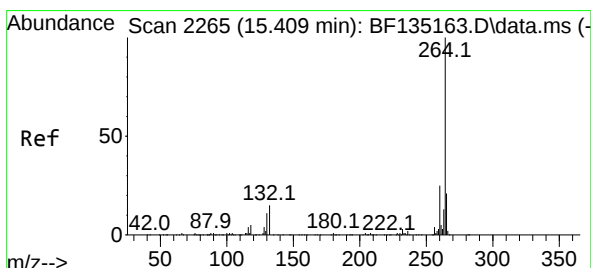
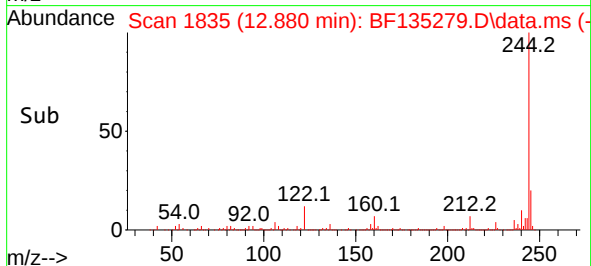
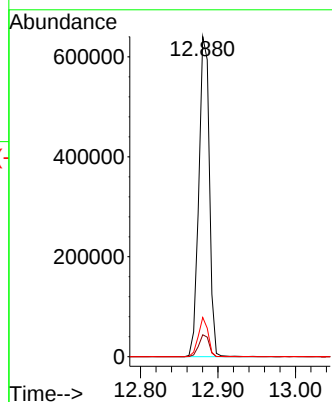
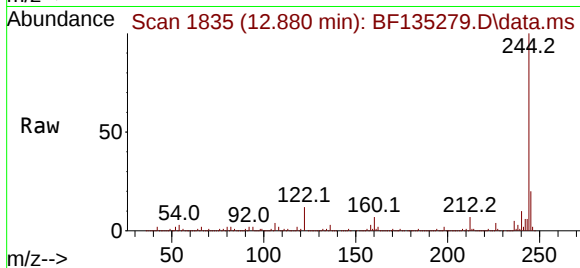
Tgt Ion:244 Resp: 604247

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 12.2 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135279.D

Acq: 15 Sep 2023 15:08

Tgt Ion:264 Resp: 244298

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

265 21.7 17.0 25.4

