

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135299.D
 Acq On : 18 Sep 2023 11:12
 Operator : CG\JU
 Sample : PB155317BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155317BL

Quant Time: Sep 18 16:13:09 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)

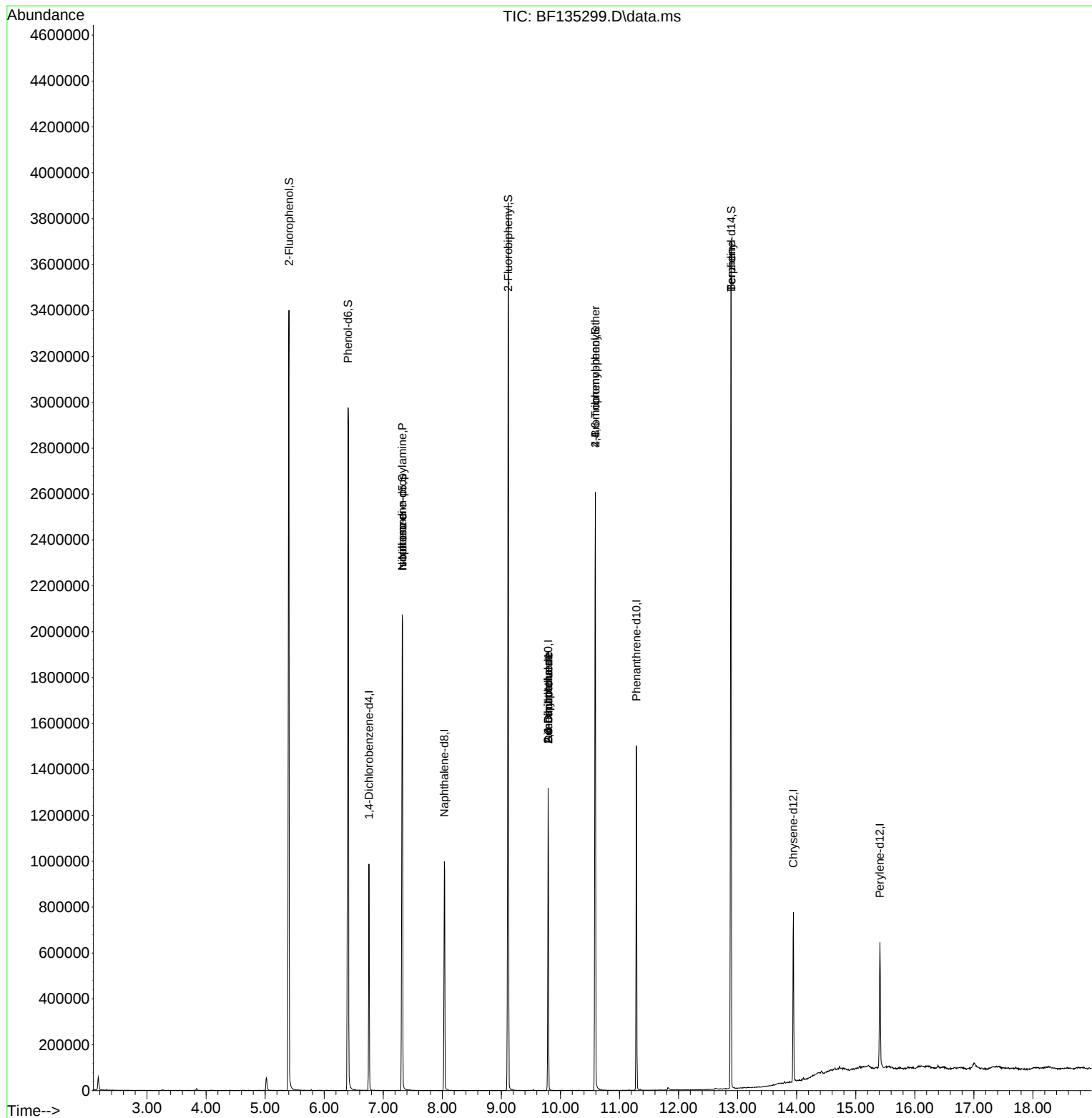
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	128985	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	489148	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	264950	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	528629	20.000	ng	0.00
76) Chrysene-d12	13.945	240	251721	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	256088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	945883	119.272	ng	0.02
7) Phenol-d6	6.404	99	1192657	118.271	ng	0.00
23) Nitrobenzene-d5	7.322	82	770696	85.601	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	339419	128.911	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1390253	79.166	ng	-0.01
79) Terphenyl-d14	12.892	244	1448598	89.210	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	104870	16.790	ng	# 79
25) Isophorone	7.322	82	770689	46.616	ng	# 65
50) Dimethylphthalate	9.792	163	50720	2.831	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	33574	8.556	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	33574	6.834	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	21044	4.003	ng	# 1
77) Benzidine	12.892	184	18118	3.513	ng	# 94

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

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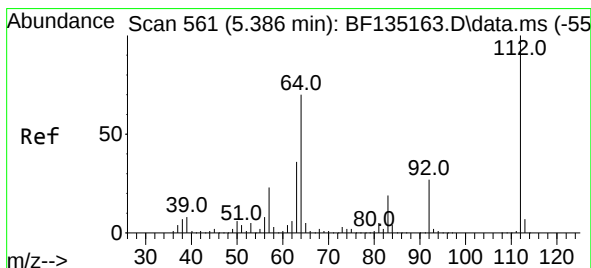
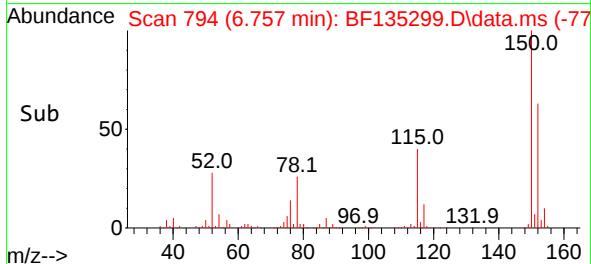
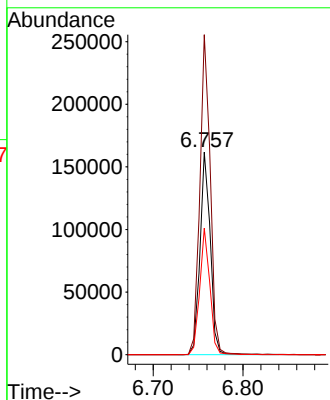
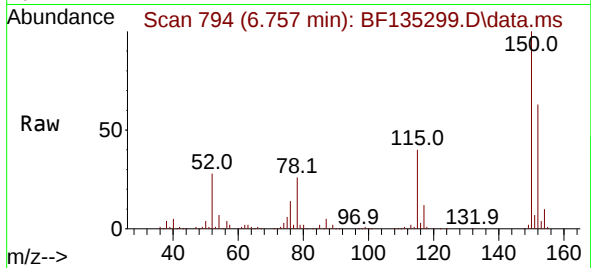




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

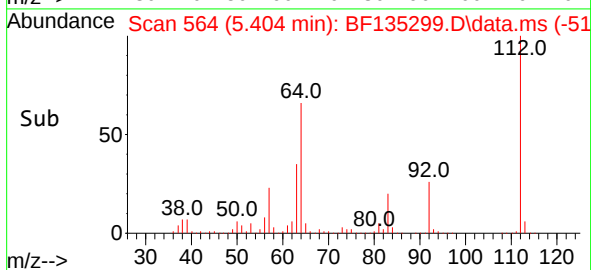
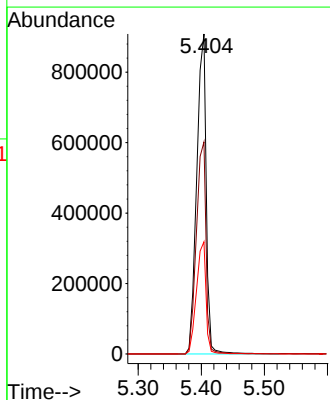
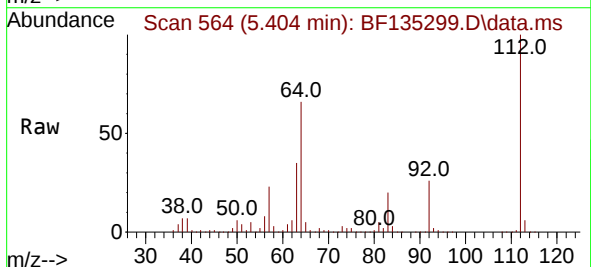
Instrument :
BNA_F
ClientSampleId :
PB155317BL

Tgt Ion:152 Resp: 128985
Ion Ratio Lower Upper
152 100
150 157.9 127.8 191.6
115 62.5 49.8 74.8



#5
2-Fluorophenol
Concen: 119.272 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

Tgt Ion:112 Resp: 945883
Ion Ratio Lower Upper
112 100
64 66.3 55.9 83.9
63 35.0 29.0 43.6

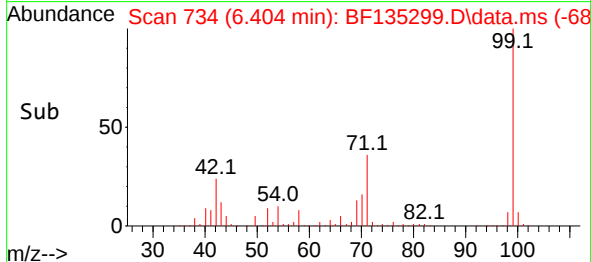
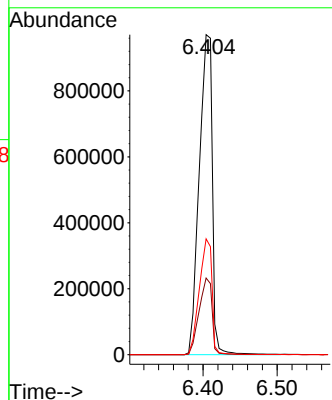
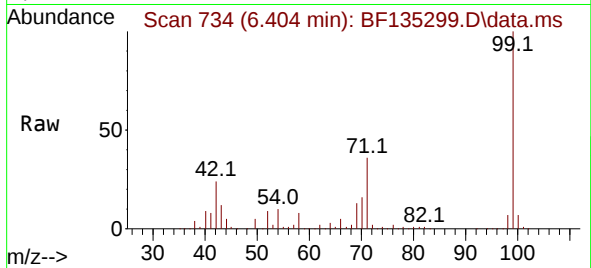




#7
Phenol-d6
Concen: 118.271 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

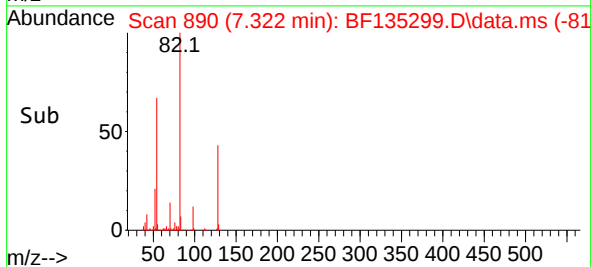
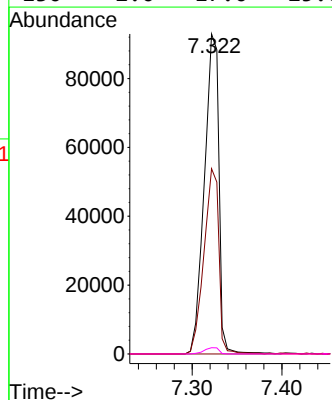
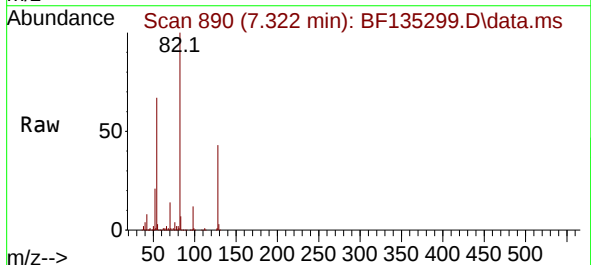
Instrument :
BNA_F
ClientSampleId :
PB155317BL

Tgt Ion: 99 Resp: 1192657
Ion Ratio Lower Upper
99 100
42 23.9 17.9 26.9
71 36.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.790 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 70 Resp: 104870
Ion Ratio Lower Upper
70 100
42 57.9 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

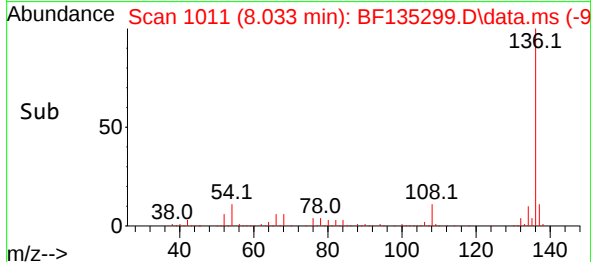
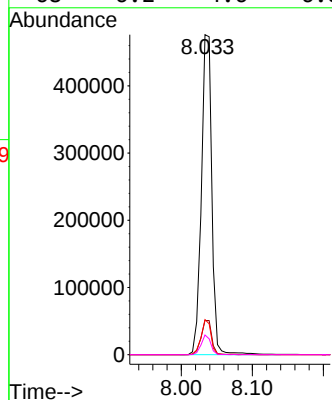
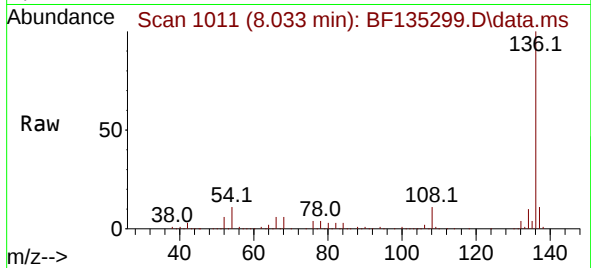




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

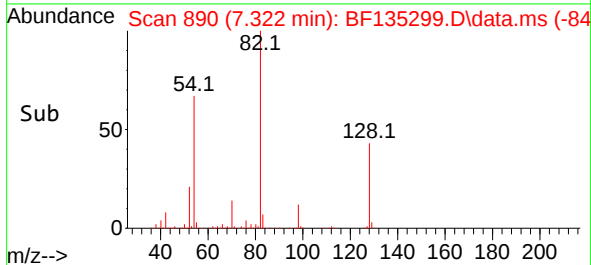
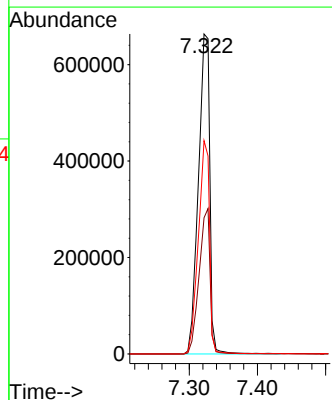
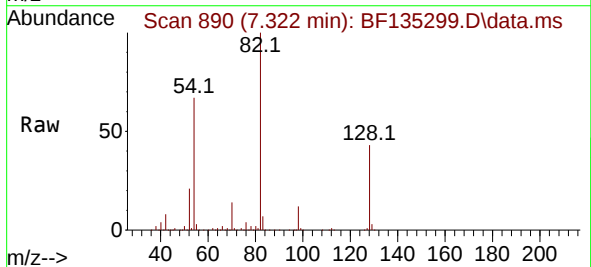
Instrument :
BNA_F
ClientSampleId :
PB155317BL

Tgt Ion:136 Resp: 489148
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.0 7.7 11.5
68 6.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 85.601 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

Tgt Ion: 82 Resp: 770696
Ion Ratio Lower Upper
82 100
128 42.5 35.8 53.6
54 66.6 50.6 76.0

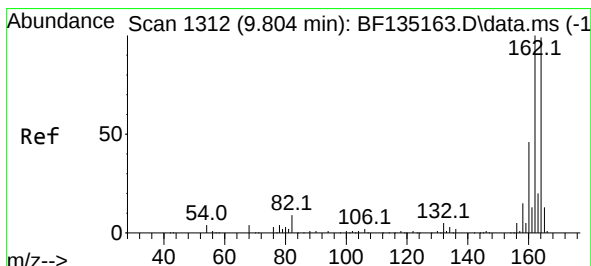
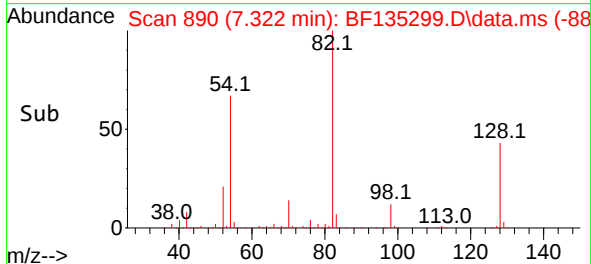
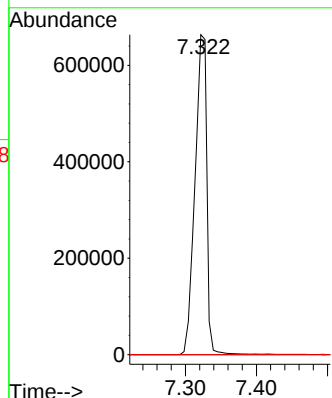
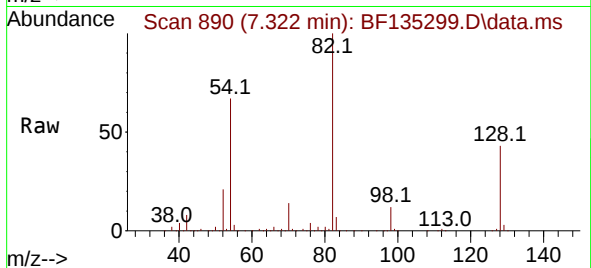




#25
Isophorone
Concen: 46.616 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

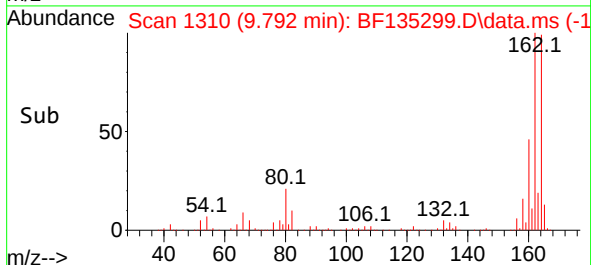
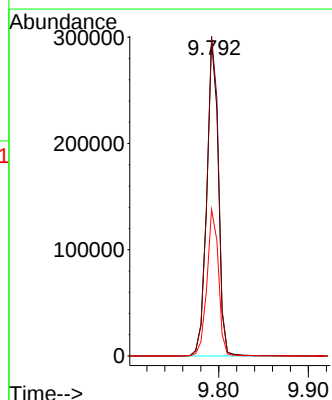
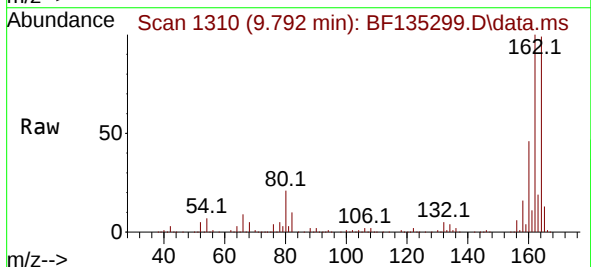
Instrument :
BNA_F
ClientSampleId :
PB155317BL

Tgt Ion: 82 Resp: 770689
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: BF135299.D
Acq: 18 Sep 2023 11:12

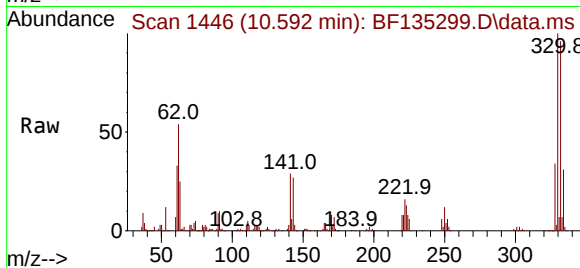
Tgt Ion: 164 Resp: 264950
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 46.4 37.0 55.4



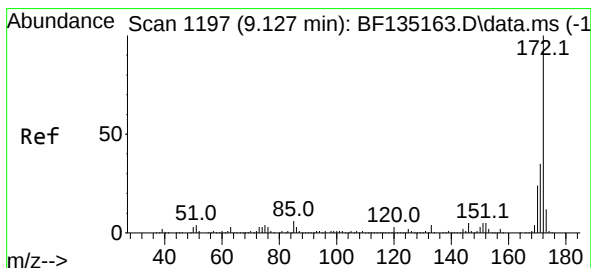
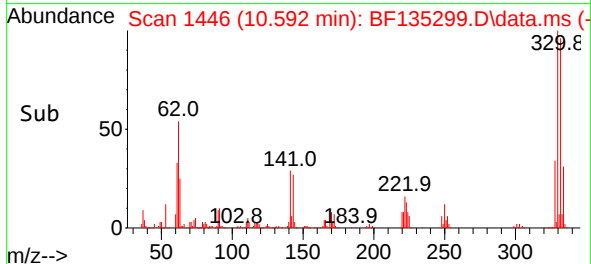
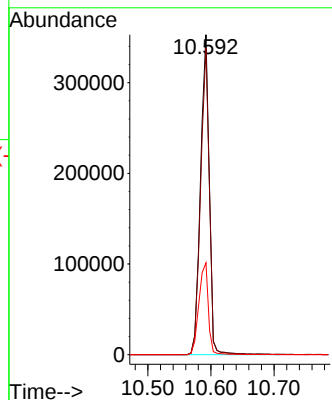


#42
2,4,6-Tribromophenol
Concen: 128.911 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB155317BL

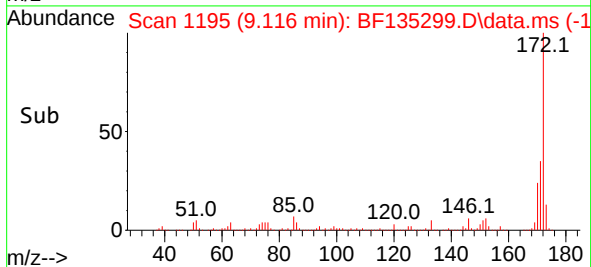
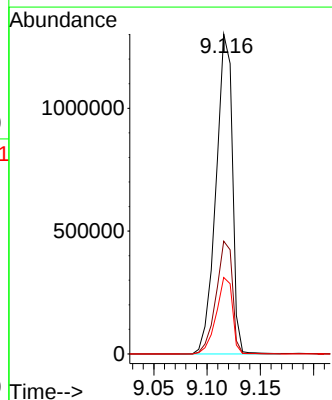
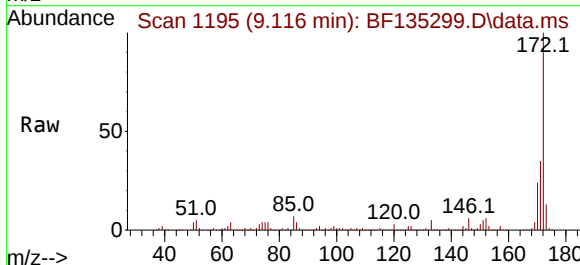


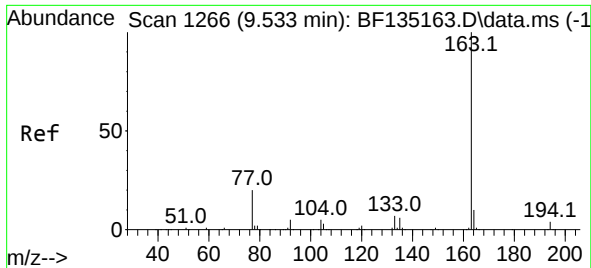
Tgt Ion:330 Resp: 339419
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 31.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 79.166 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

Tgt Ion:172 Resp: 1390253
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.9 19.0 28.4

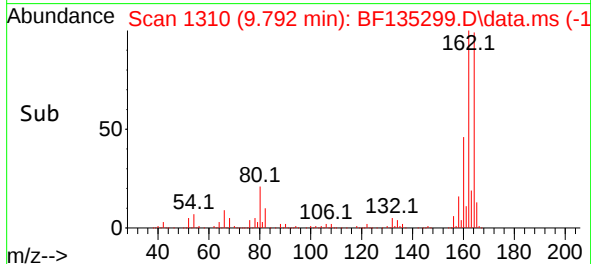
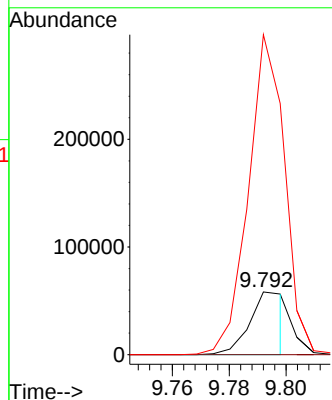
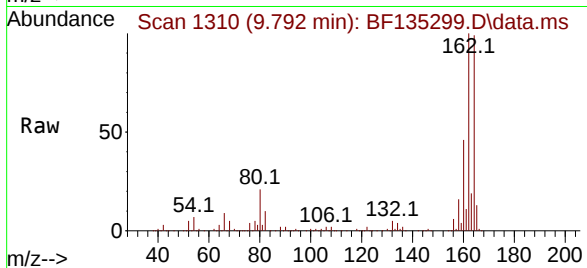




#50
Dimethylphthalate
Concen: 2.831 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

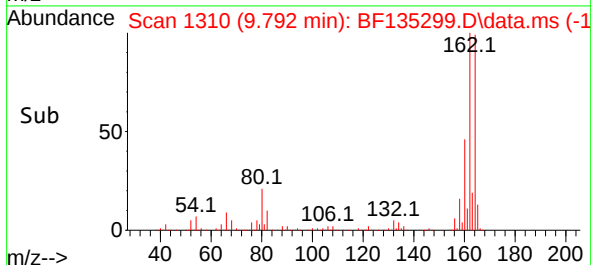
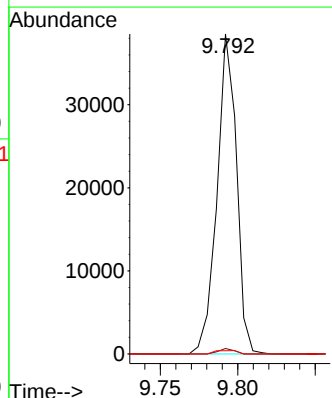
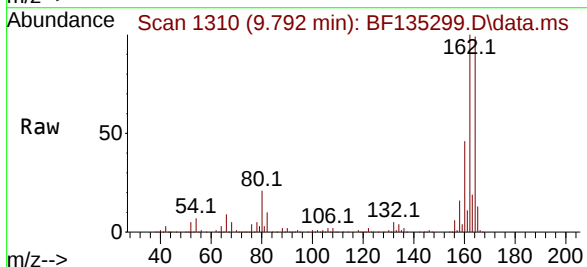
Instrument :
BNA_F
ClientSampleId :
PB155317BL

Tgt Ion:163 Resp: 50720
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 509.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.556 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

Tgt Ion:165 Resp: 33574
Ion Ratio Lower Upper
165 100
63 1.7 59.4 89.2#
89 1.0 49.8 74.8#

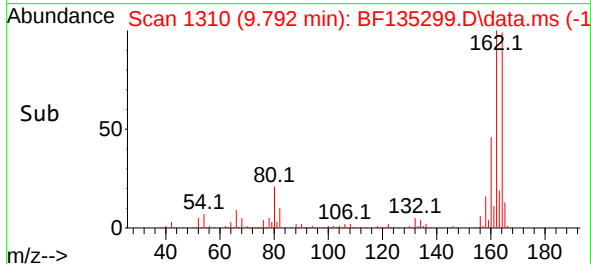
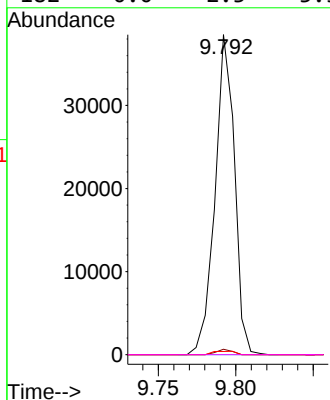
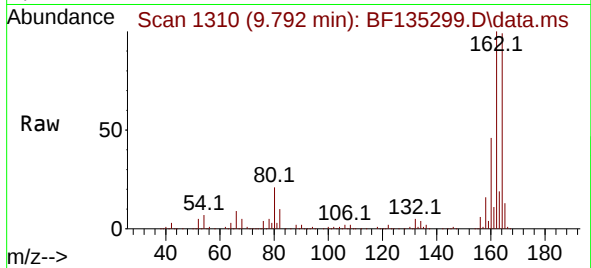




#57
2,4-Dinitrotoluene
Concen: 6.834 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

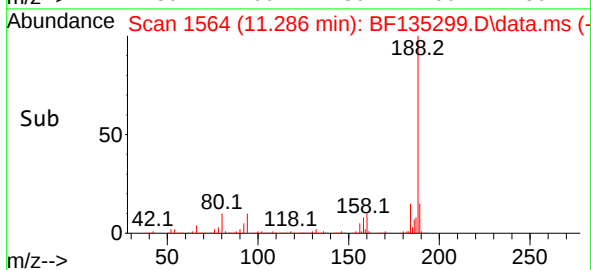
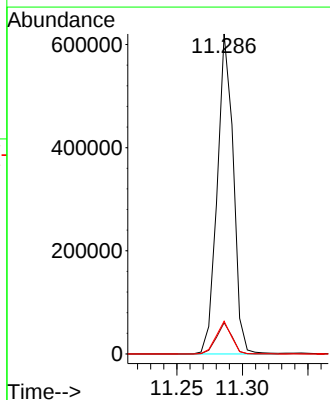
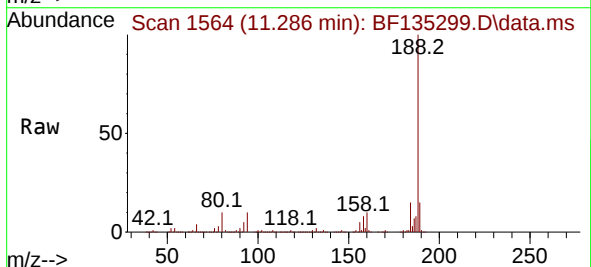
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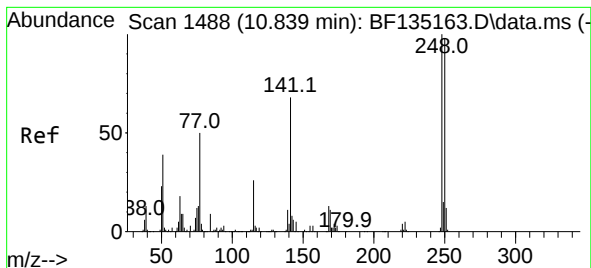
Tgt Ion:165	Resp:	33574
Ion Ratio	Lower	Upper
165	100	
63	1.7	50.1 75.1#
89	1.0	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

Tgt Ion:188	Resp:	528629
Ion Ratio	Lower	Upper
188	100	
94	9.7	7.0 10.6
80	10.2	7.5 11.3

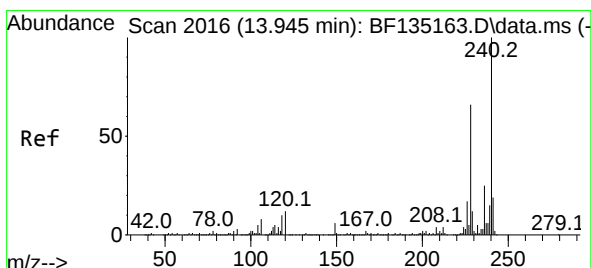
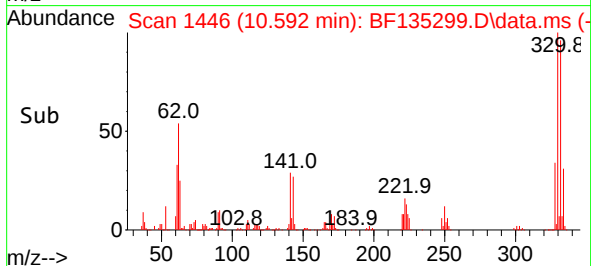
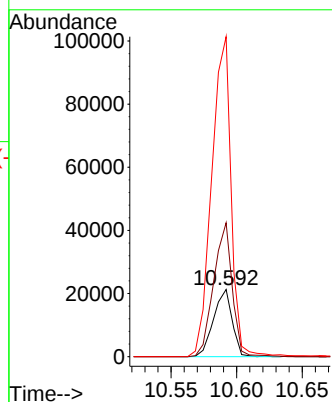
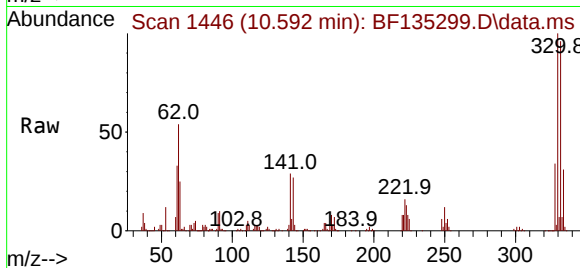




#67
4-Bromophenyl-phenylether
Concen: 4.003 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

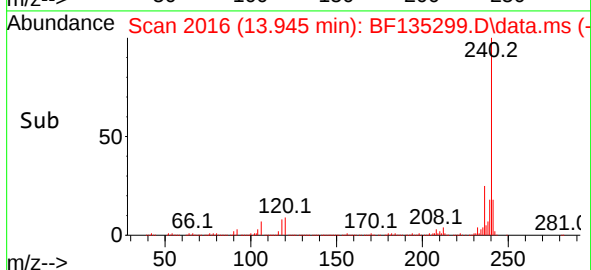
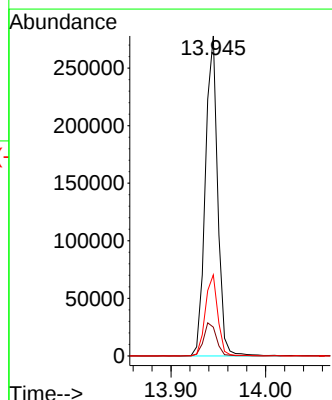
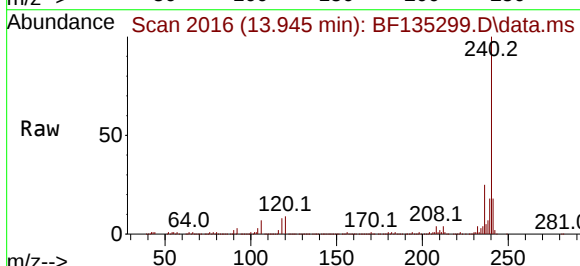
Instrument :
BNA_F
ClientSampleId :
PB155317BL

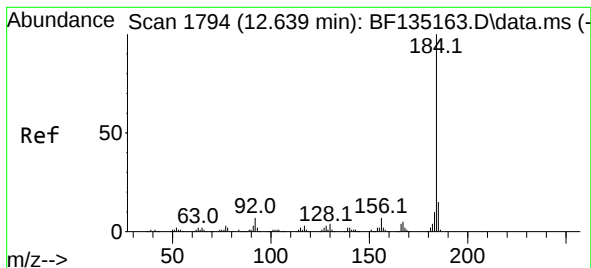
Tgt Ion:248 Resp: 21044
Ion Ratio Lower Upper
248 100
250 199.4 78.6 117.8#
141 476.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF135299.D
Acq: 18 Sep 2023 11:12

Tgt Ion:240 Resp: 251721
Ion Ratio Lower Upper
240 100
120 9.0 9.4 14.2#
236 25.3 19.8 29.8





#77

Benzidine

Concen: 3.513 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.253 min

Lab File: BF135299.D

Acq: 18 Sep 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB155317BL

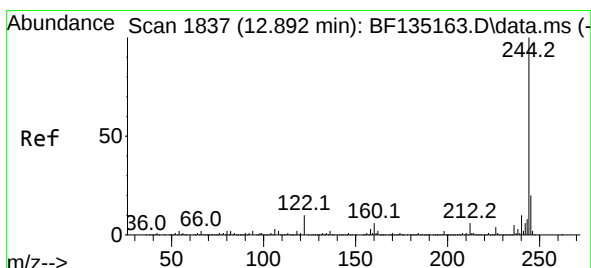
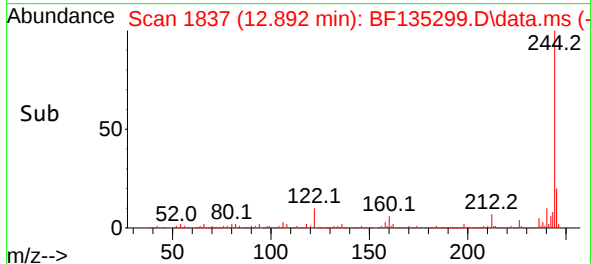
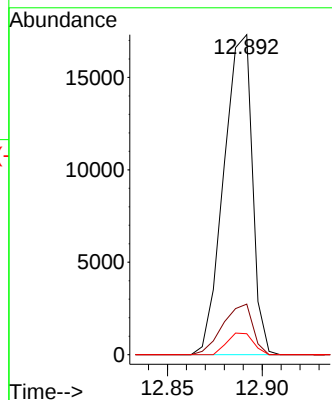
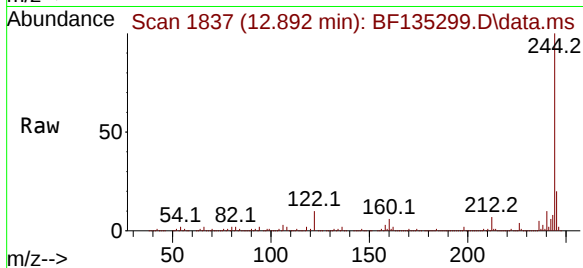
Tgt Ion:184 Resp: 18118

Ion Ratio Lower Upper

184 100

185 15.8 11.7 17.5

183 6.6 8.2 12.4#



#79

Terphenyl-d14

Concen: 89.210 ng

RT: 12.892 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF135299.D

Acq: 18 Sep 2023 11:12

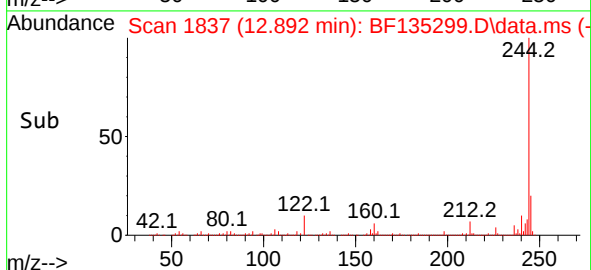
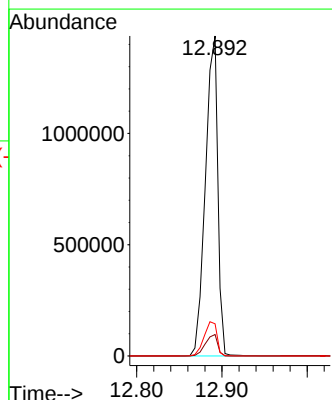
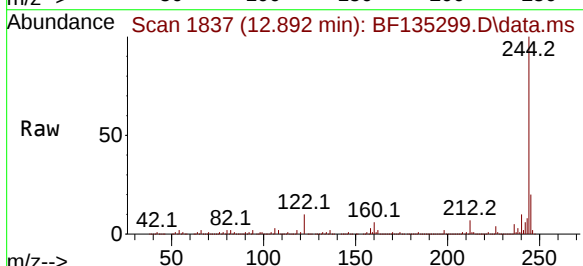
Tgt Ion:244 Resp: 1448598

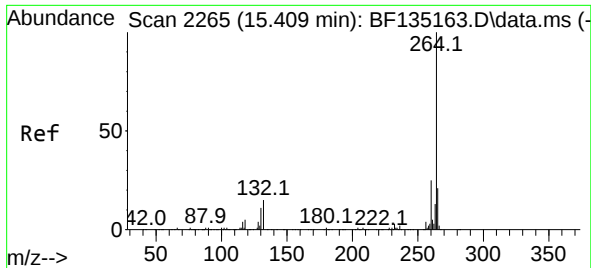
Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 10.1 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF135299.D
 Acq: 18 Sep 2023 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB155317BL

Tgt Ion:264 Resp: 256088
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 21.0 17.0 25.4

