

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135510.D
 Acq On : 29 Sep 2023 11:56
 Operator : CG\JU
 Sample : PB155928BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155928BL

Quant Time: Sep 30 00:17:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

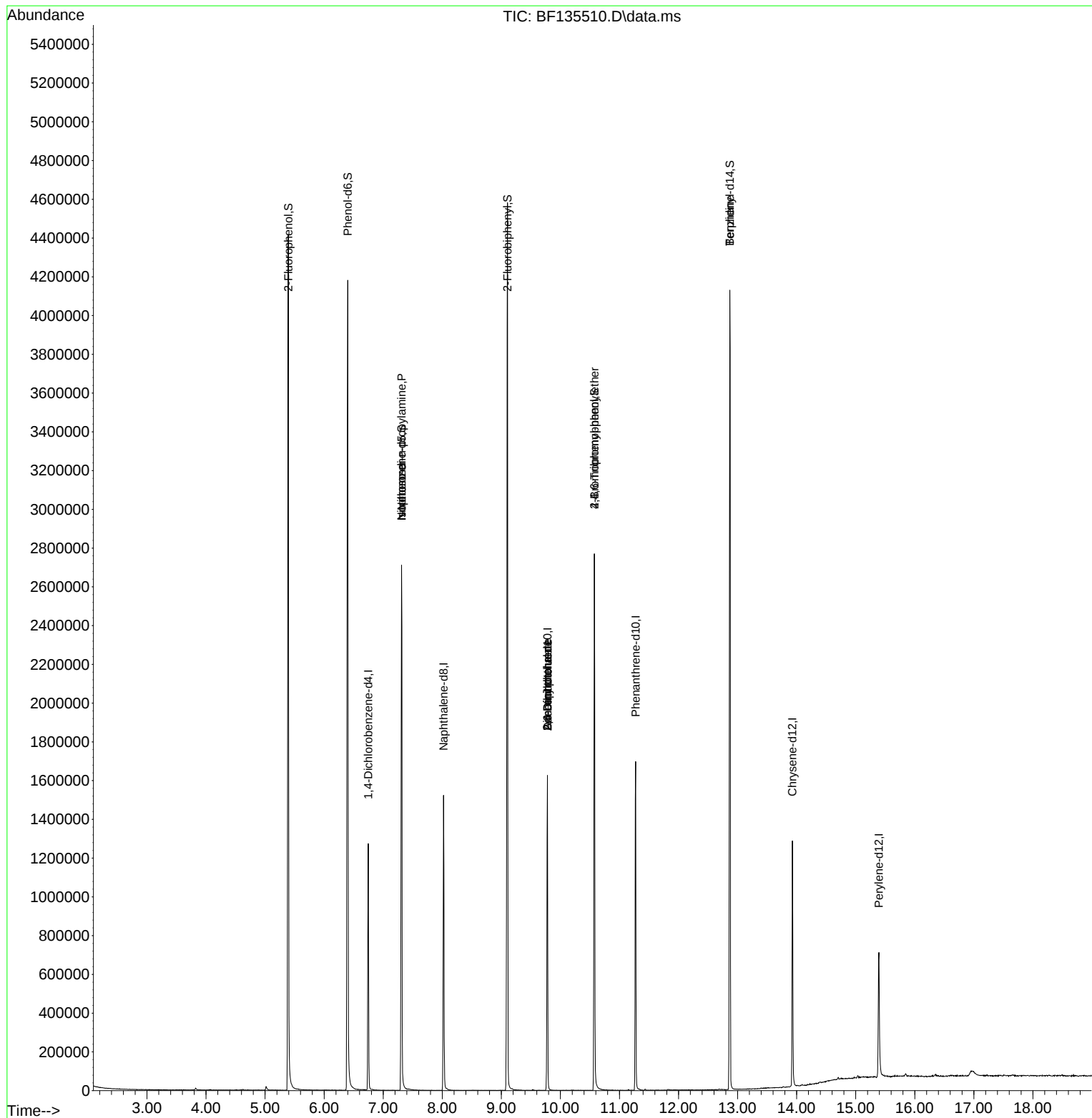
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	181484	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	723243	20.000	ng	# 0.00
39) Acenaphthene-d10	9.781	164	343435	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	658103	20.000	ng	0.00
76) Chrysene-d12	13.927	240	425073	20.000	ng	0.00
86) Perylene-d12	15.392	264	350976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1233769	110.569	ng	0.01
7) Phenol-d6	6.398	99	1564347	110.255	ng	0.00
23) Nitrobenzene-d5	7.310	82	1004125	75.429	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	341258	99.990	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1662888	73.051	ng	0.00
79) Terphenyl-d14	12.869	244	1704107	62.147	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	131942	15.013	ng	# 81
25) Isophorone	7.310	82	1004248	41.083	ng	# 65
50) Dimethylphthalate	9.781	163	67523	2.908	ng	# 1
51) 2,6-Dinitrotoluene	9.781	165	45160	8.878	ng	# 17
57) 2,4-Dinitrotoluene	9.781	165	45160	7.092	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	22337	3.413	ng	# 1
77) Benzidine	12.869	184	21391	2.456	ng	# 91

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

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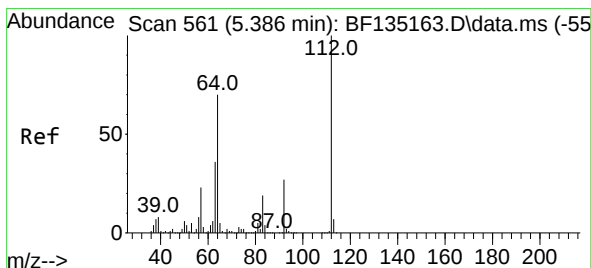
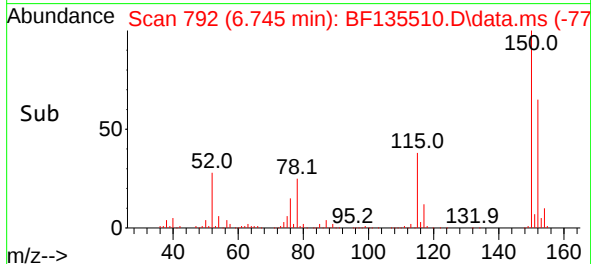
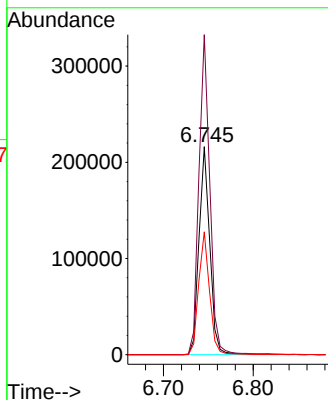
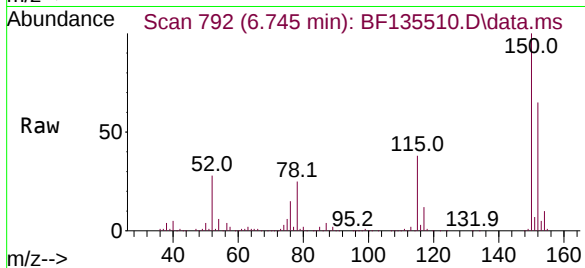




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135510.D
 Acq: 29 Sep 2023 11:56

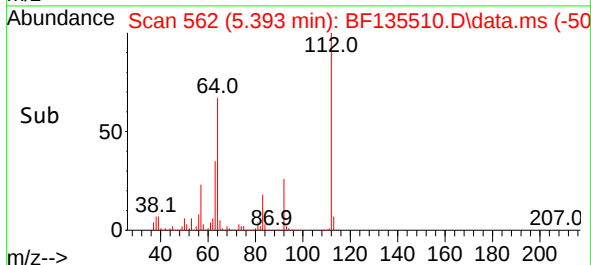
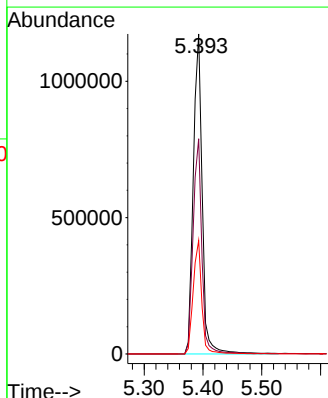
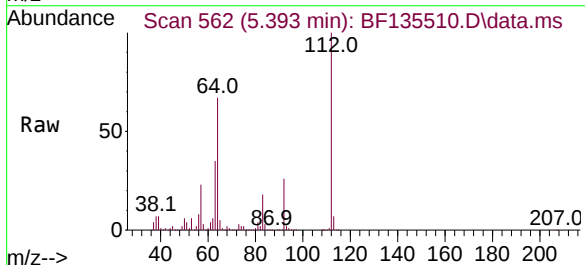
Instrument :
 BNA_F
 ClientSampleId :
 PB155928BL

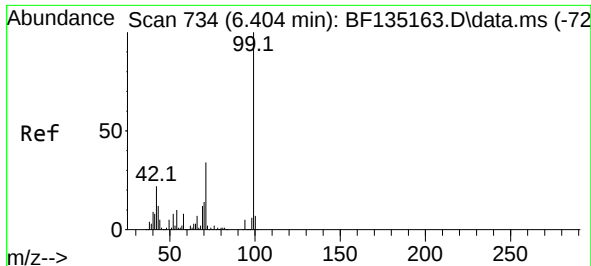
Tgt Ion:152 Resp: 181484
 Ion Ratio Lower Upper
 152 100
 150 153.8 127.8 191.6
 115 59.1 49.8 74.8



#5
 2-Fluorophenol
 Concen: 110.569 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.012 min
 Lab File: BF135510.D
 Acq: 29 Sep 2023 11:56

Tgt Ion:112 Resp: 1233769
 Ion Ratio Lower Upper
 112 100
 64 67.3 55.9 83.9
 63 35.5 29.0 43.6

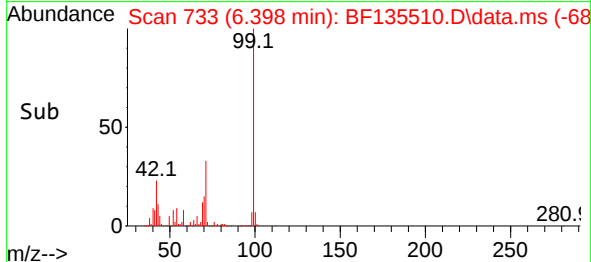
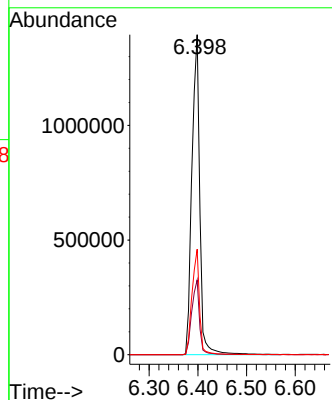
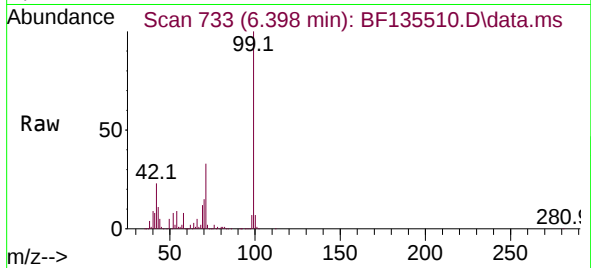




#7
Phenol-d6
Concen: 110.255 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

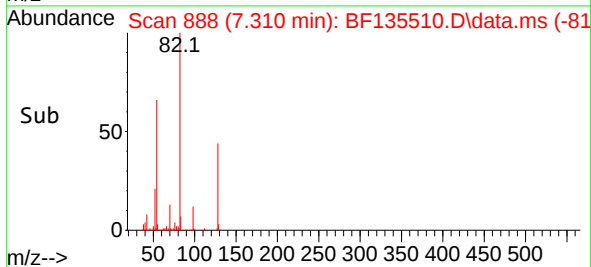
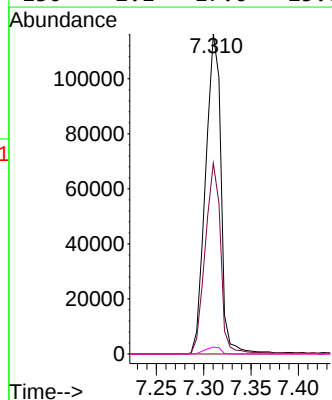
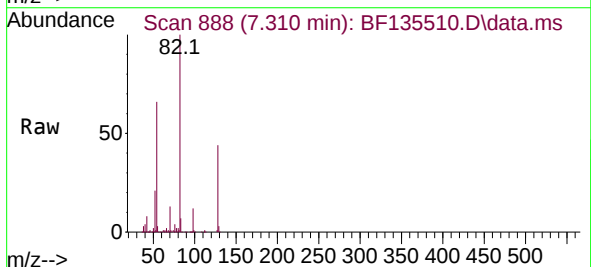
Instrument :
BNA_F
ClientSampleId :
PB155928BL

Tgt Ion: 99 Resp: 1564347
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 32.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.013 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

Tgt Ion: 70 Resp: 131942
Ion Ratio Lower Upper
70 100
42 59.7 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

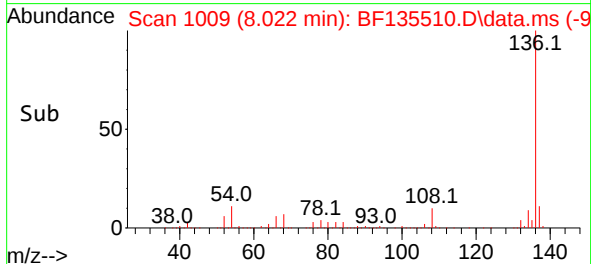
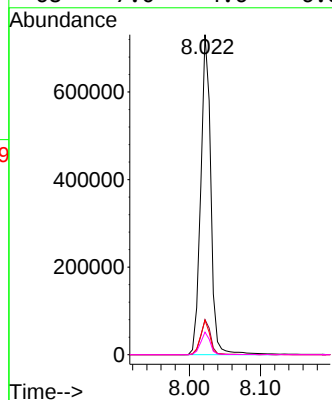
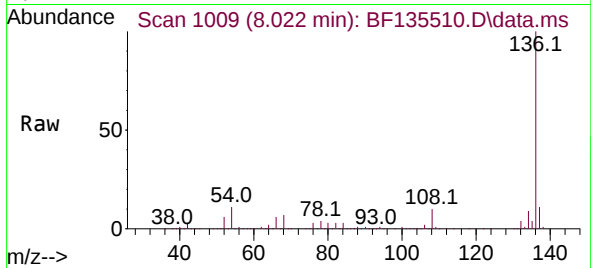




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

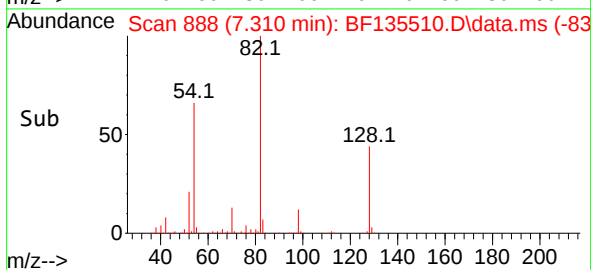
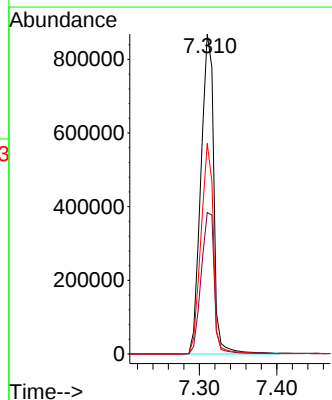
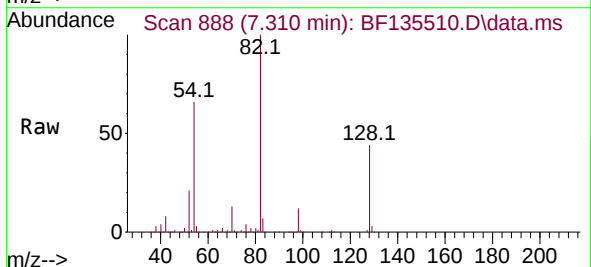
Instrument :
BNA_F
ClientSampleId :
PB155928BL

Tgt Ion:136 Resp: 723243
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.8 7.7 11.5
68 7.0 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 75.429 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

Tgt Ion: 82 Resp: 1004125
Ion Ratio Lower Upper
82 100
128 44.2 35.8 53.6
54 65.8 50.6 76.0

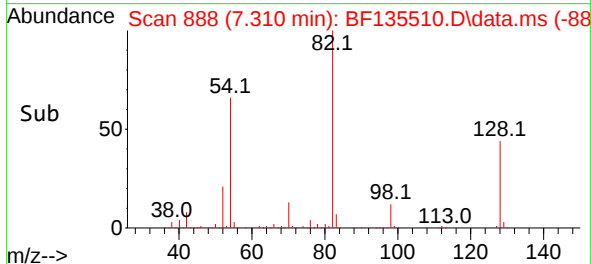
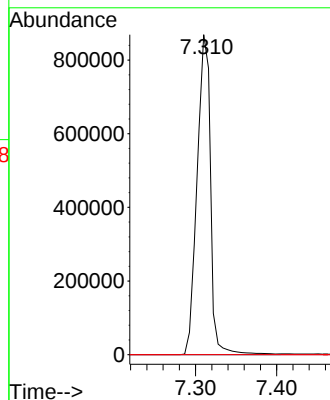
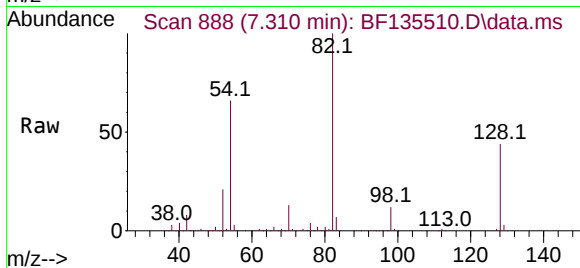




#25
Isophorone
Concen: 41.083 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

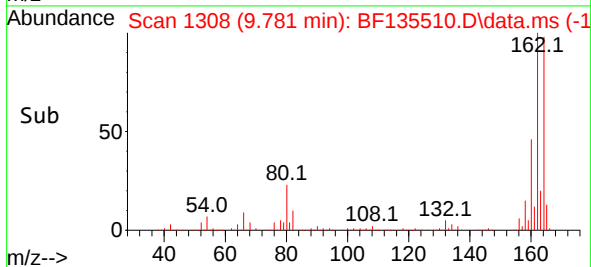
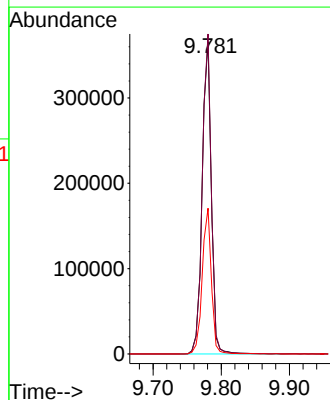
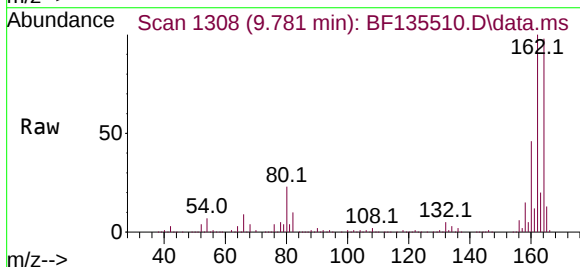
Instrument :
BNA_F
ClientSampleId :
PB155928BL

Tgt Ion: 82 Resp: 1004248
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: 9.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

Tgt Ion:164 Resp: 343435
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 46.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 99.990 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF135510.D

Acq: 29 Sep 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB155928BL

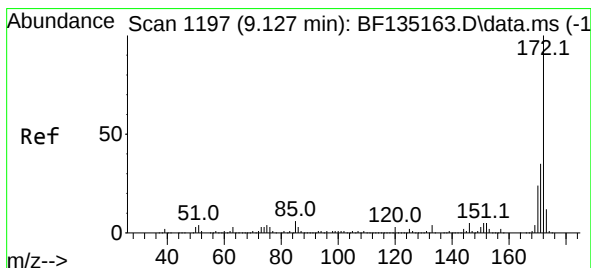
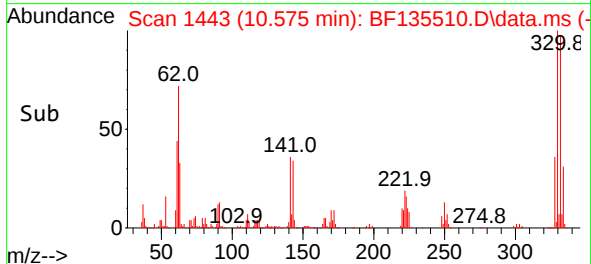
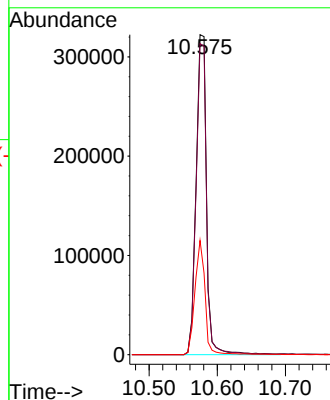
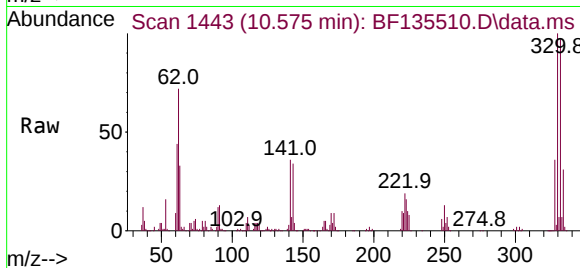
Tgt Ion:330 Resp: 341258

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 34.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 73.051 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF135510.D

Acq: 29 Sep 2023 11:56

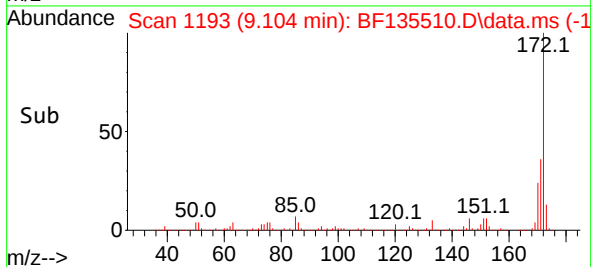
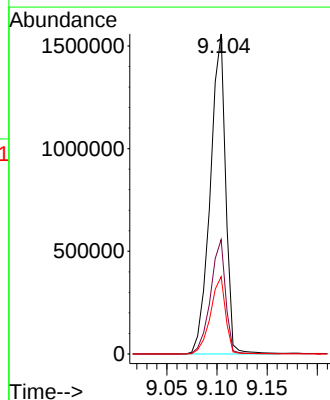
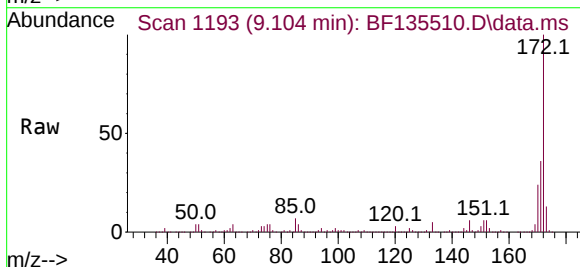
Tgt Ion:172 Resp: 1662888

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.1 19.0 28.4

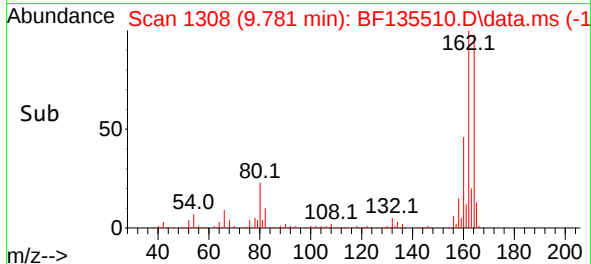
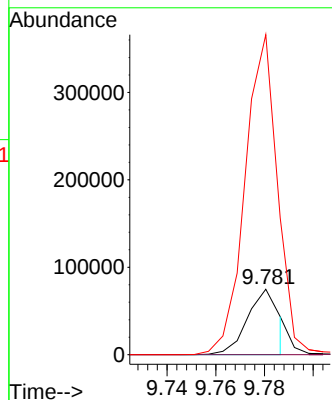
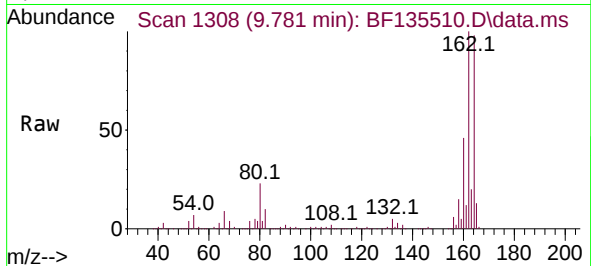




#50
Dimethylphthalate
Concen: 2.908 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

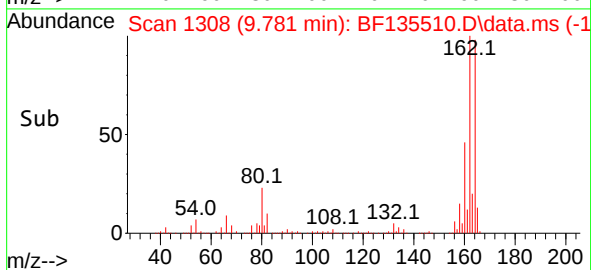
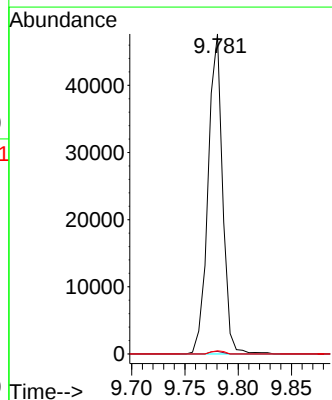
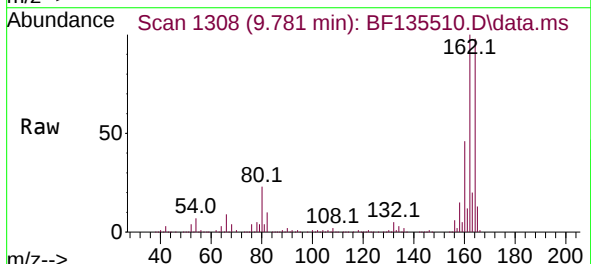
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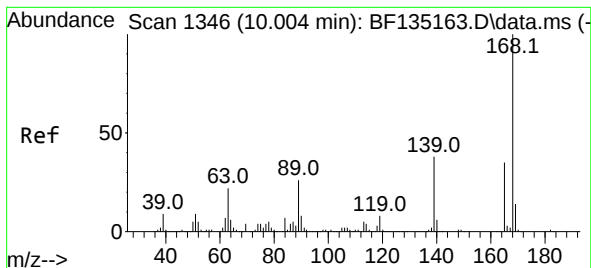
Tgt Ion:163 Resp: 67523
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 489.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.878 ng
RT: 9.781 min Scan# 1308
Delta R.T. 0.194 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

Tgt Ion:165 Resp: 45160
Ion Ratio Lower Upper
165 100
63 0.8 59.4 89.2#
89 1.0 49.8 74.8#

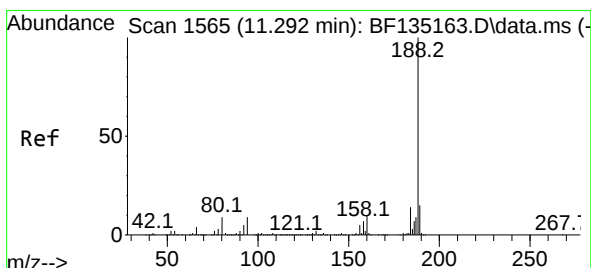
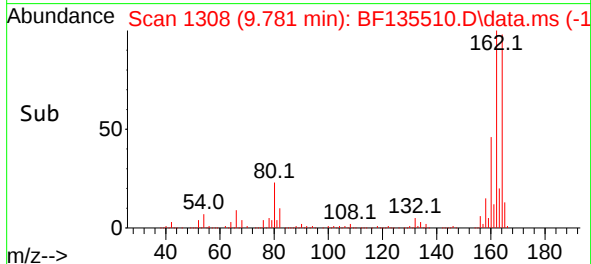
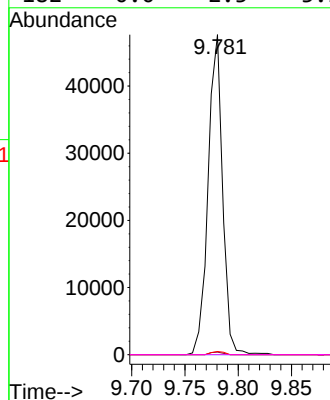
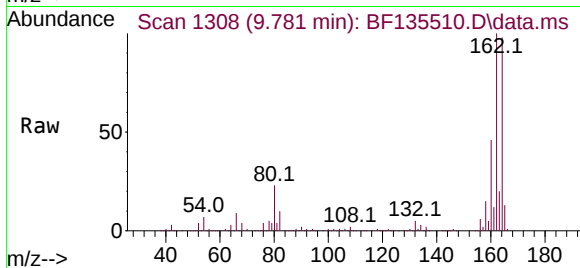




#57
2,4-Dinitrotoluene
Concen: 7.092 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

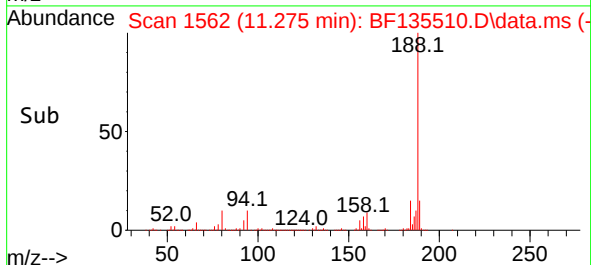
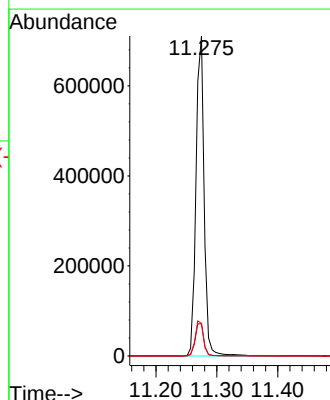
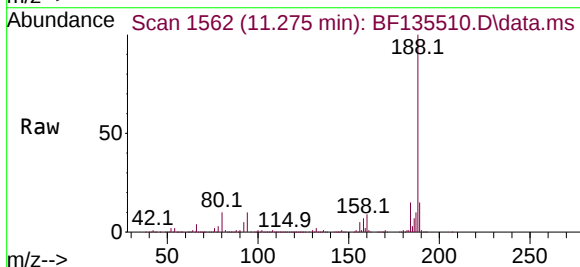
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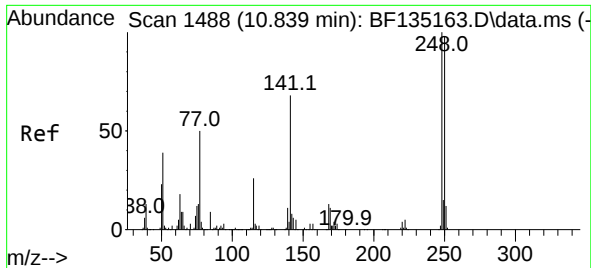
Tgt Ion:165 Resp: 45160
Ion Ratio Lower Upper
165 100
63 0.8 50.1 75.1#
89 1.0 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

Tgt Ion:188 Resp: 658103
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.2 7.5 11.3

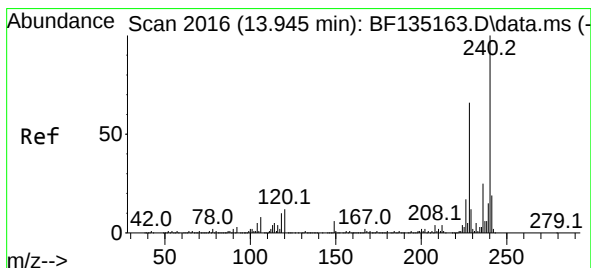
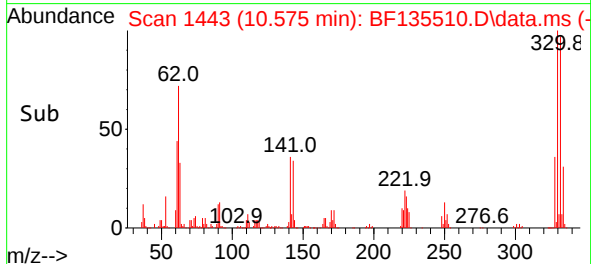
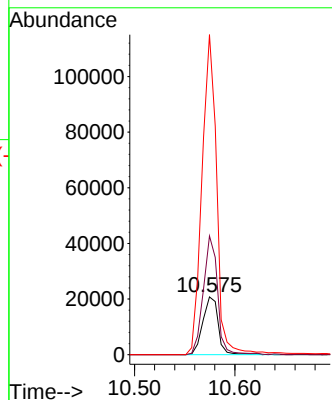
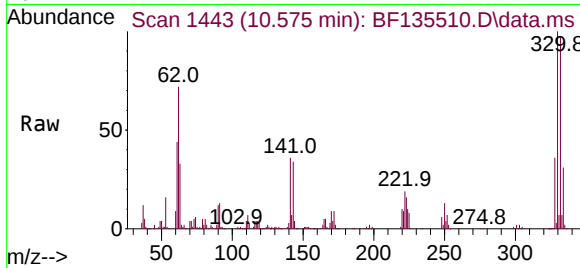




#67
4-Bromophenyl-phenylether
Concen: 3.413 ng
RT: 10.575 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

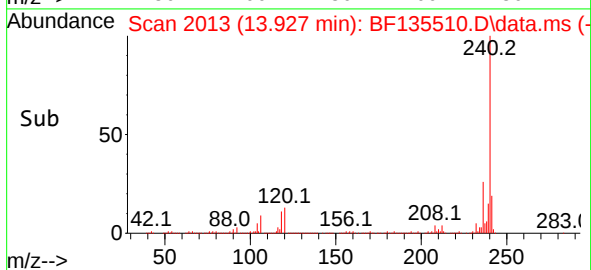
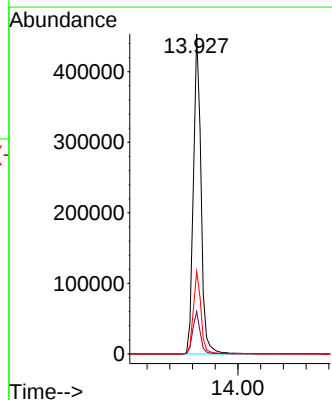
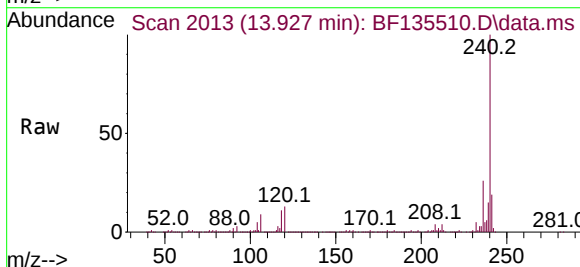
Instrument :
BNA_F
ClientSampleId :
PB155928BL

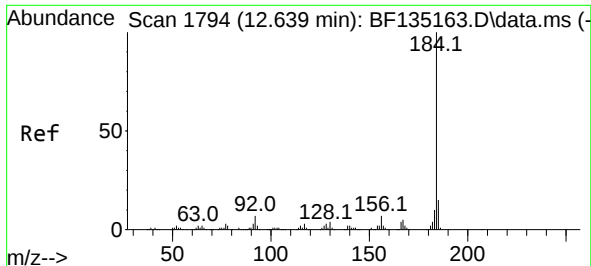
Tgt Ion:248 Resp: 22337
Ion Ratio Lower Upper
248 100
250 205.3 78.6 117.8#
141 553.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

Tgt Ion:240 Resp: 425073
Ion Ratio Lower Upper
240 100
120 13.3 9.4 14.2
236 25.8 19.8 29.8

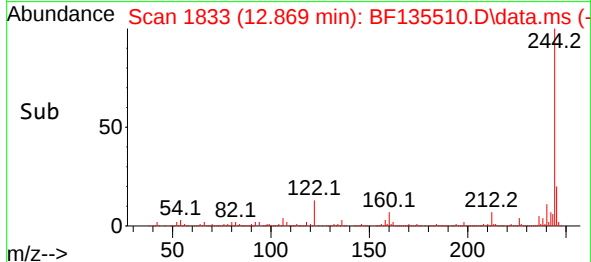
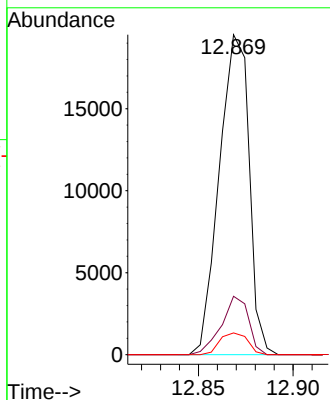
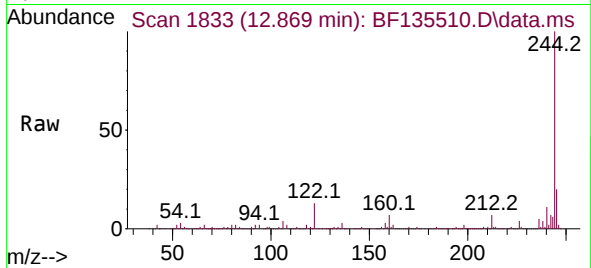




#77
Benzidine
Concen: 2.456 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.247 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

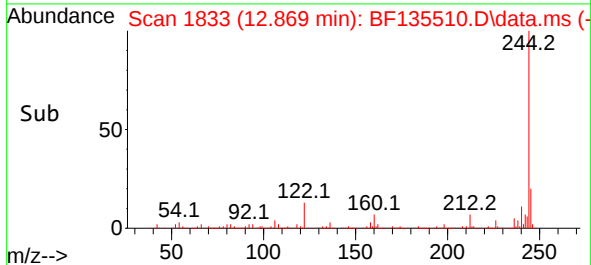
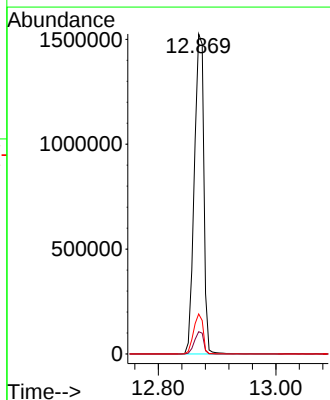
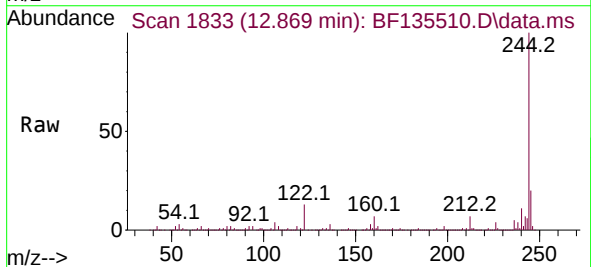
Instrument :
BNA_F
ClientSampleId :
PB155928BL

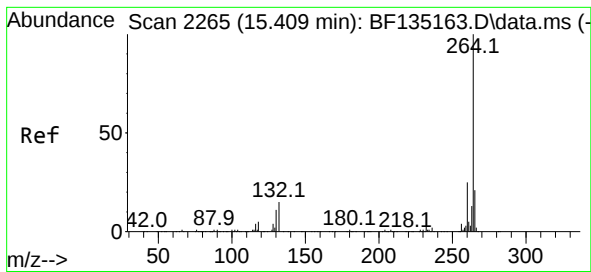
Tgt Ion:184 Resp: 21391
Ion Ratio Lower Upper
184 100
185 18.3 11.7 17.5#
183 6.8 8.2 12.4#



#79
Terphenyl-d14
Concen: 62.147 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF135510.D
Acq: 29 Sep 2023 11:56

Tgt Ion:244 Resp: 1704107
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 12.5 7.9 11.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135510.D
 Acq: 29 Sep 2023 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB155928BL

Tgt Ion:264 Resp: 350976
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.8 29.6
 265 20.7 17.0 25.4

