

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135512.D
 Acq On : 29 Sep 2023 12:58
 Operator : CG\JU
 Sample : PB155882TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155882TB

Quant Time: Sep 30 00:18:40 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)

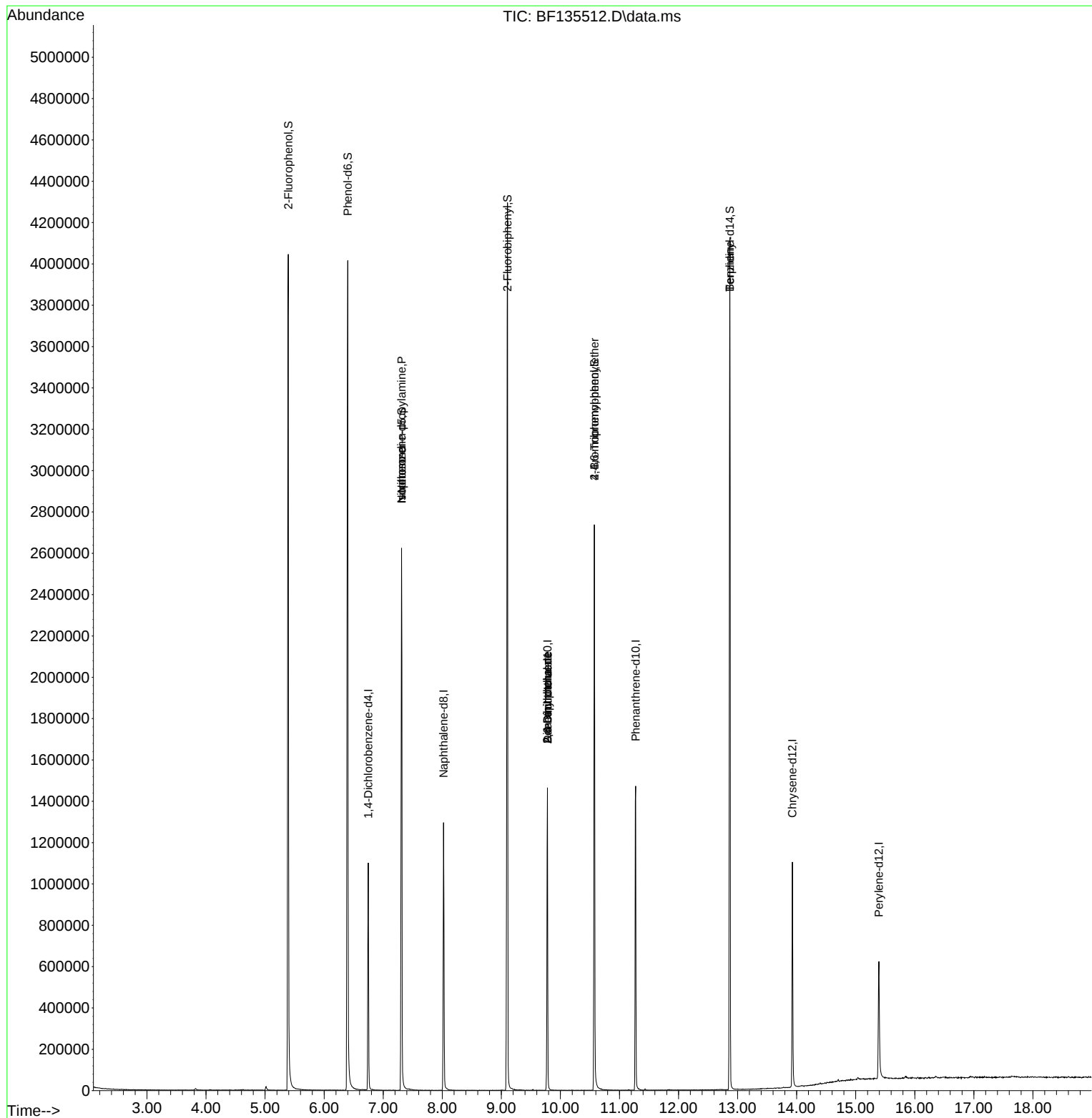
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	158141	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	608388	20.000	ng	# 0.00
39) Acenaphthene-d10	9.781	164	303974	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	590275	20.000	ng	0.00
76) Chrysene-d12	13.927	240	363253	20.000	ng	0.00
86) Perylene-d12	15.392	264	302717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1182850	121.654	ng	0.01
7) Phenol-d6	6.398	99	1484096	120.039	ng	0.00
23) Nitrobenzene-d5	7.310	82	947486	84.611	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	321972	106.586	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1573932	78.119	ng	0.00
79) Terphenyl-d14	12.869	244	1593156	67.988	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	124608	16.272	ng	# 82
25) Isophorone	7.310	82	947480	46.078	ng	# 65
50) Dimethylphthalate	9.781	163	60540	2.946	ng	# 1
51) 2,6-Dinitrotoluene	9.781	165	38952	8.652	ng	# 17
57) 2,4-Dinitrotoluene	9.781	165	38952	6.911	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	21278	3.624	ng	# 1
77) Benzidine	12.869	184	20860	2.803	ng	# 94

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

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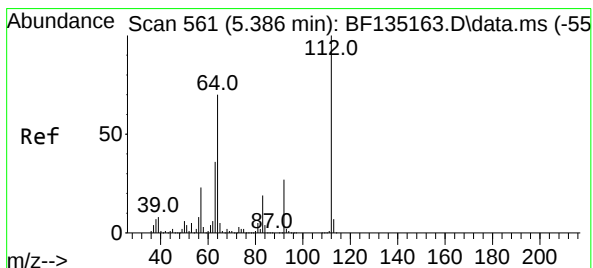
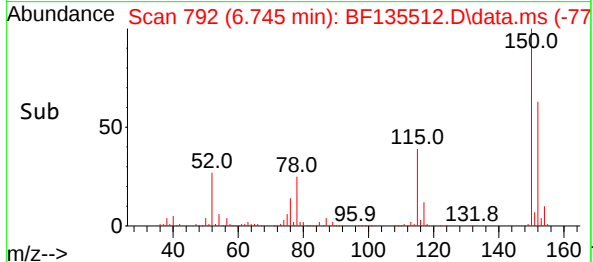
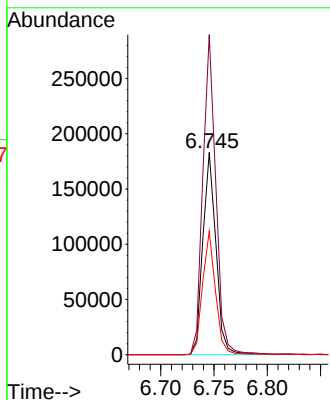
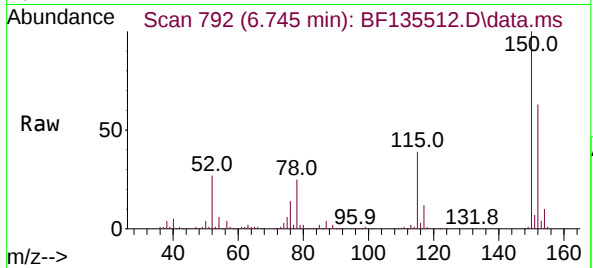




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135512.D
 Acq: 29 Sep 2023 12:58

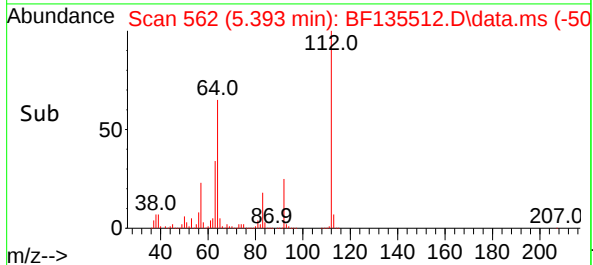
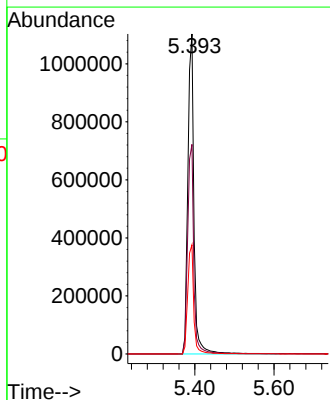
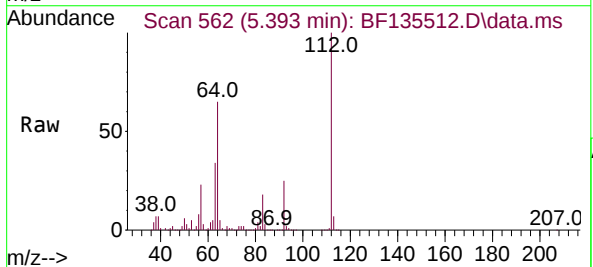
Instrument :
 BNA_F
 ClientSampleId :
 PB155882TB

Tgt Ion:152 Resp: 158141
 Ion Ratio Lower Upper
 152 100
 150 158.2 127.8 191.6
 115 61.0 49.8 74.8



#5
 2-Fluorophenol
 Concen: 121.654 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.012 min
 Lab File: BF135512.D
 Acq: 29 Sep 2023 12:58

Tgt Ion:112 Resp: 1182850
 Ion Ratio Lower Upper
 112 100
 64 65.5 55.9 83.9
 63 34.1 29.0 43.6

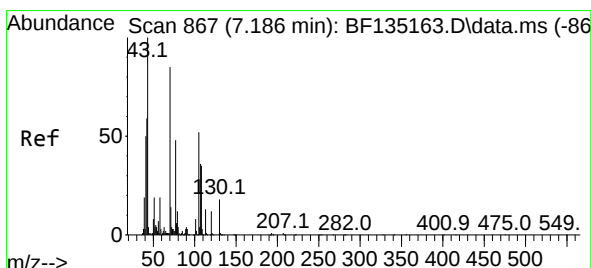
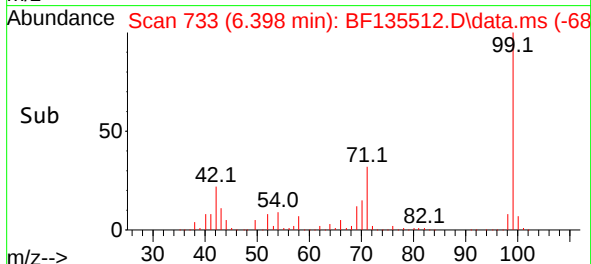
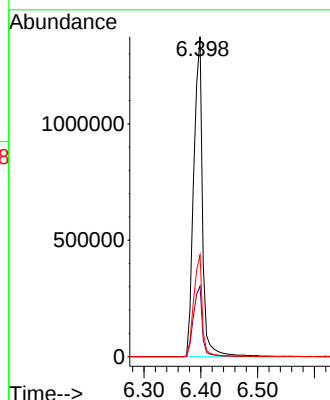
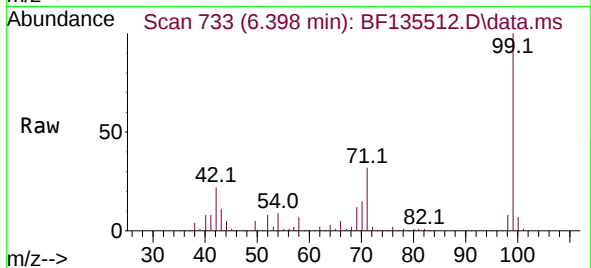




#7
Phenol-d6
Concen: 120.039 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

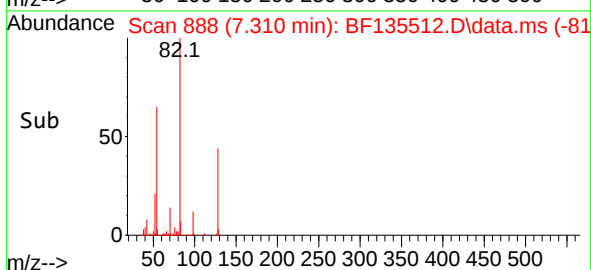
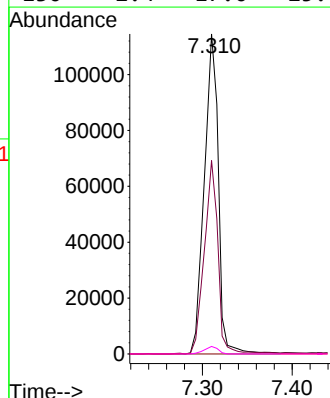
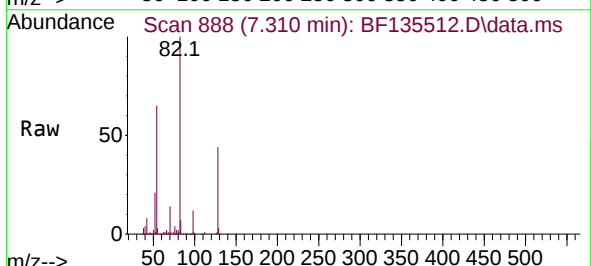
Instrument :
BNA_F
ClientSampleId :
PB155882TB

Tgt Ion: 99 Resp: 1484096
Ion Ratio Lower Upper
99 100
42 22.1 17.9 26.9
71 31.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.272 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

Tgt Ion: 70 Resp: 124608
Ion Ratio Lower Upper
70 100
42 60.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.4 17.0 25.6#

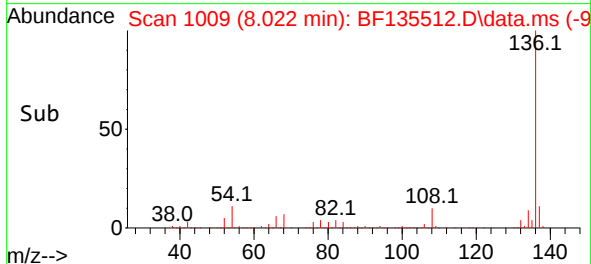
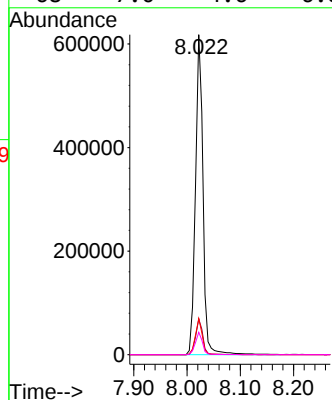
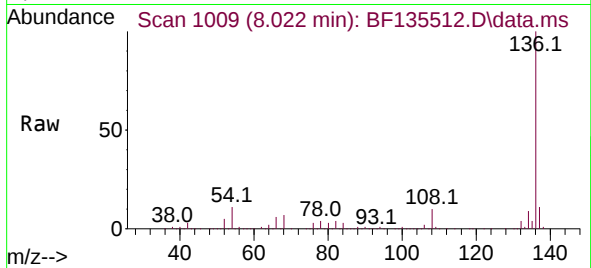




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

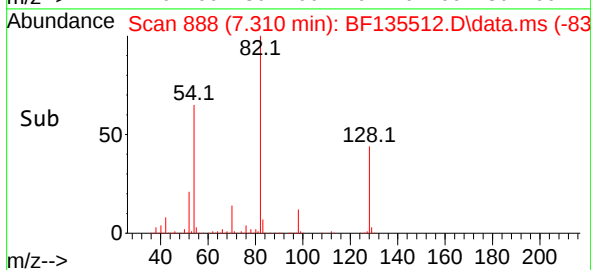
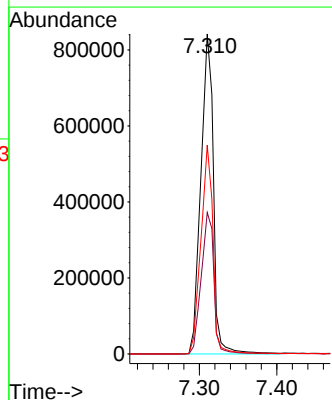
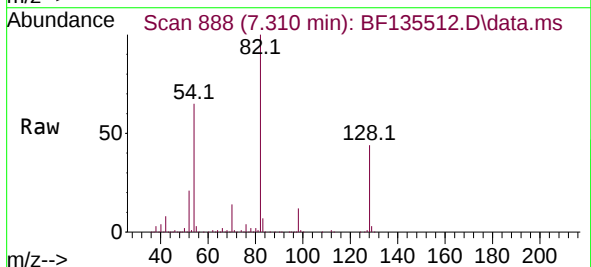
Instrument :
BNA_F
ClientSampleId :
PB155882TB

Tgt Ion:136 Resp: 608388
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 11.3 7.7 11.5
68 7.0 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 84.611 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

Tgt Ion: 82 Resp: 947486
Ion Ratio Lower Upper
82 100
128 44.2 35.8 53.6
54 65.3 50.6 76.0

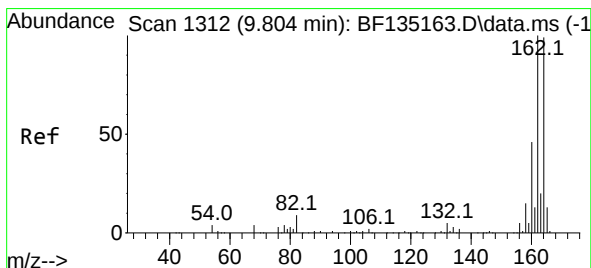
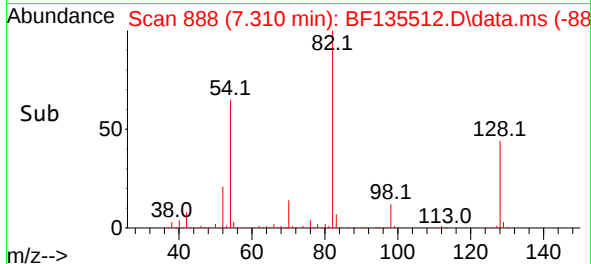
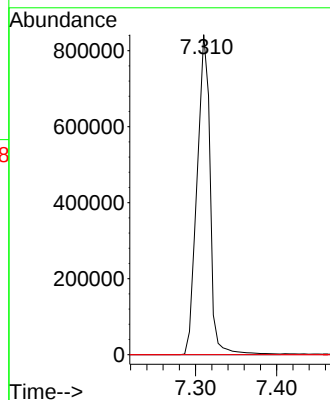
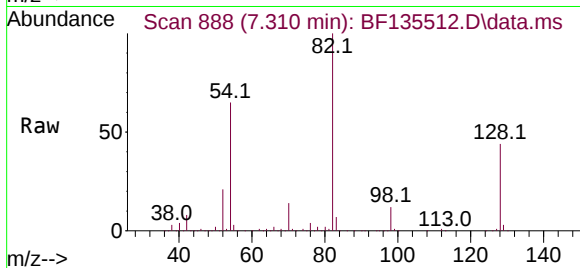




#25
Isophorone
Concen: 46.078 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

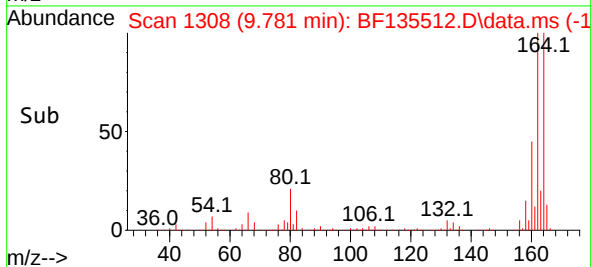
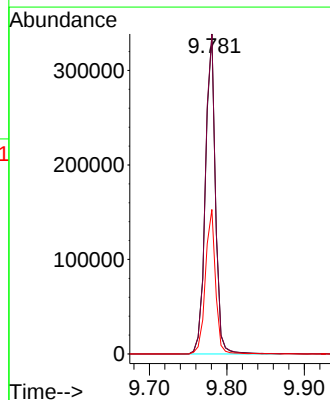
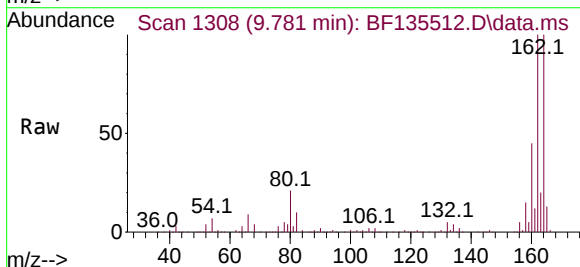
Instrument :
BNA_F
ClientSampleId :
PB155882TB

Tgt Ion: 82 Resp: 947480
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: BF135512.D
Acq: 29 Sep 2023 12:58

Tgt Ion:164 Resp: 303974
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 45.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 106.586 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF135512.D

Acq: 29 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB155882TB

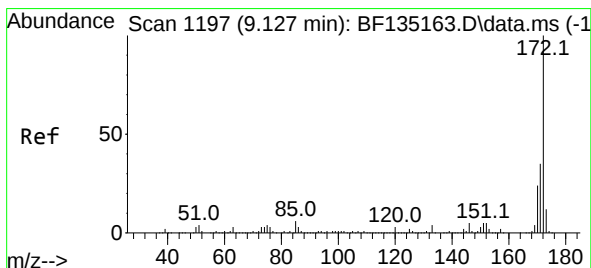
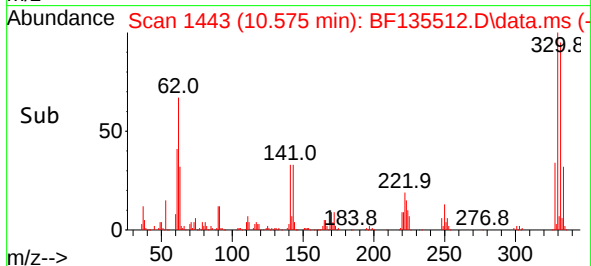
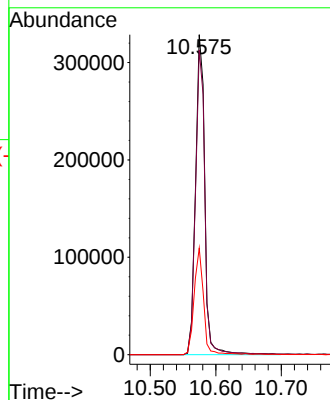
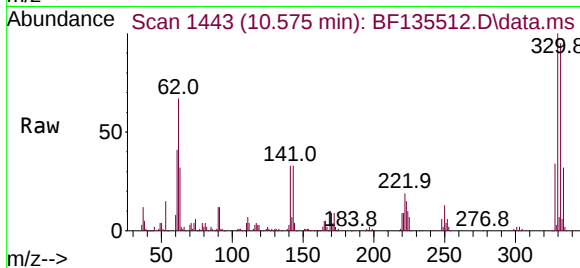
Tgt Ion:330 Resp: 321972

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 33.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 78.119 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF135512.D

Acq: 29 Sep 2023 12:58

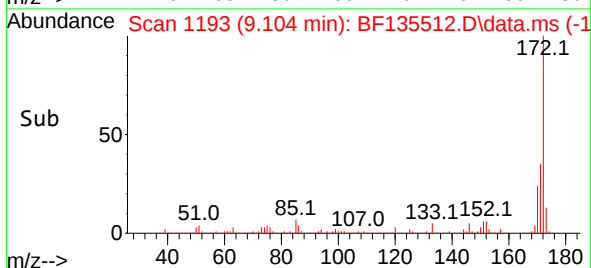
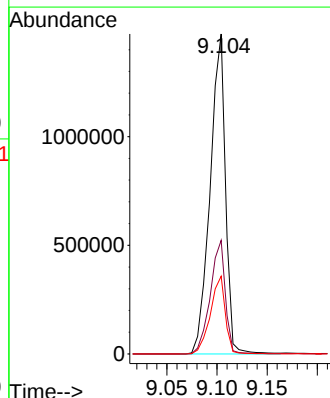
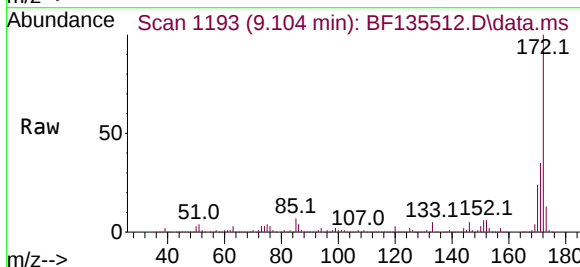
Tgt Ion:172 Resp: 1573932

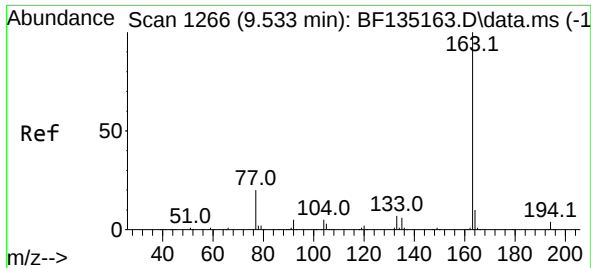
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.3 19.0 28.4

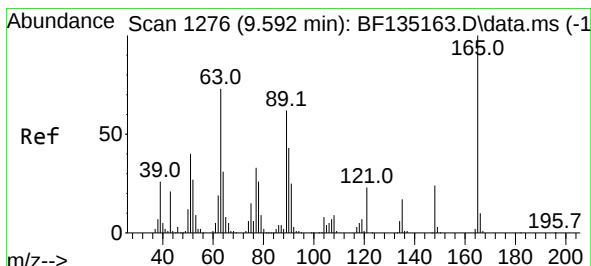
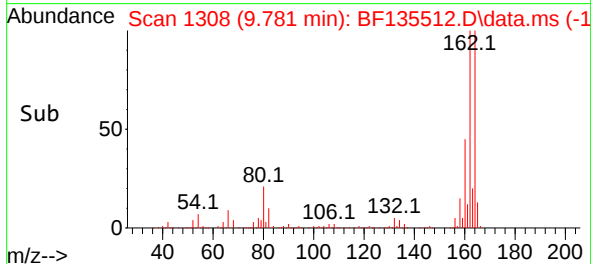
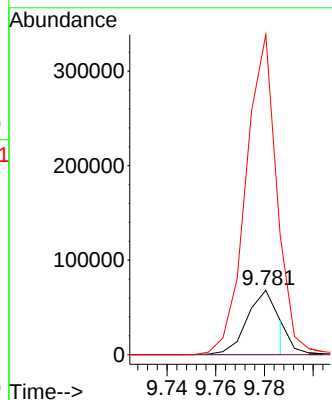
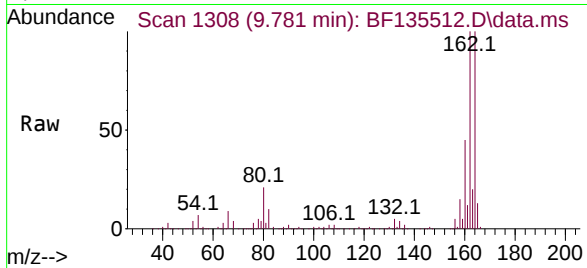




#50
Dimethylphthalate
Concen: 2.946 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

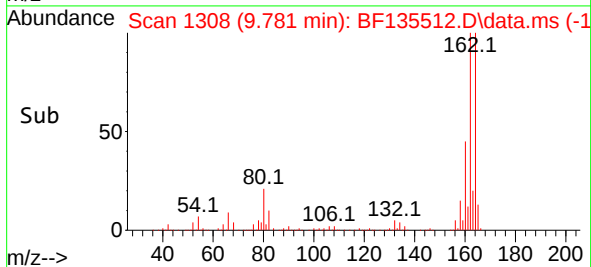
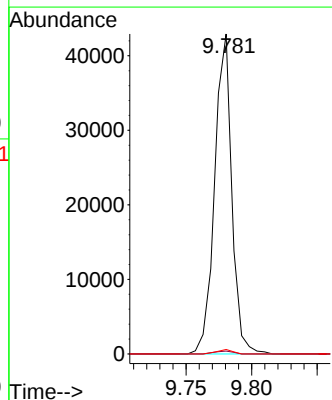
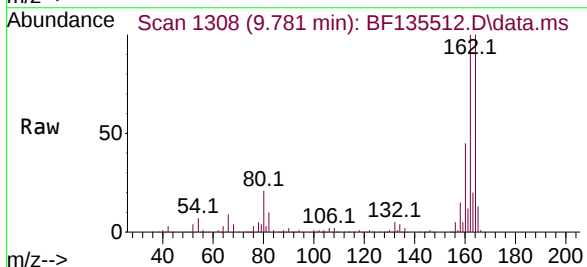
Instrument :
BNA_F
ClientSampleId :
PB155882TB

Tgt Ion:163 Resp: 60540
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 497.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.652 ng
RT: 9.781 min Scan# 1308
Delta R.T. 0.194 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

Tgt Ion:165 Resp: 38952
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.4 49.8 74.8#

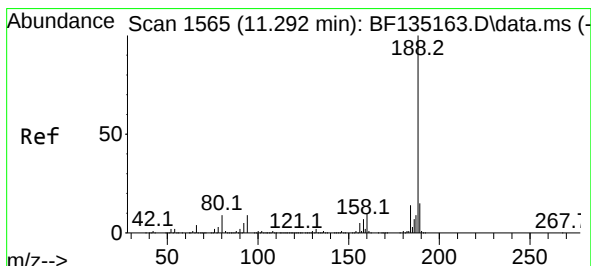
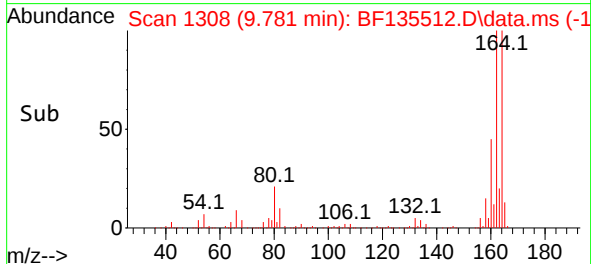
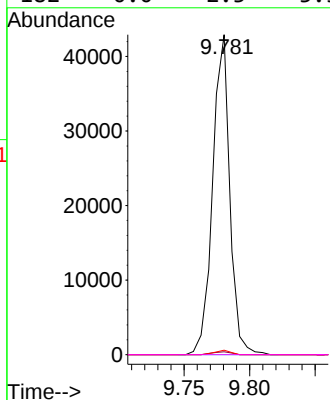
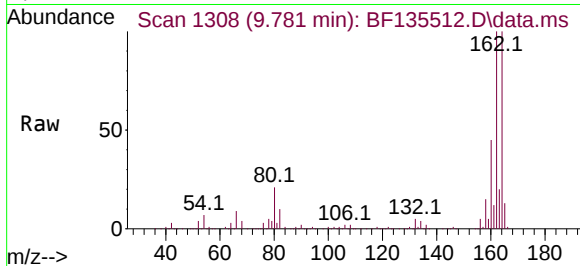




#57
2,4-Dinitrotoluene
Concen: 6.911 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

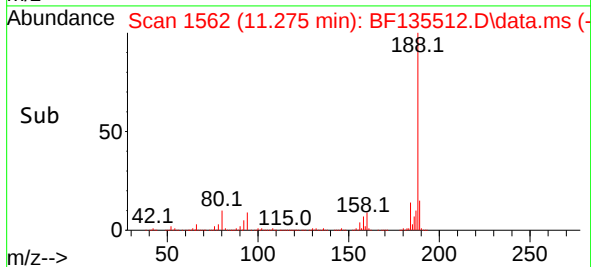
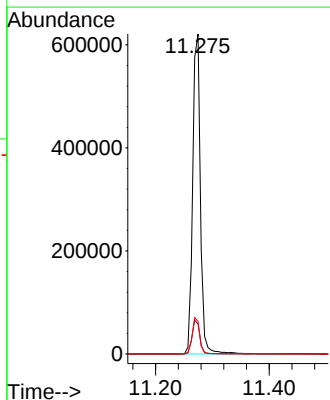
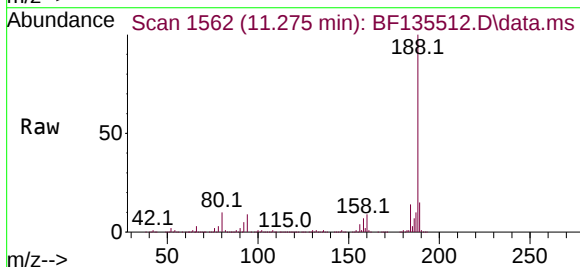
Instrument :
BNA_F
ClientSampleId :
PB155882TB

Tgt Ion:165 Resp: 38952
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.4 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: BF135512.D
Acq: 29 Sep 2023 12:58

Tgt Ion:188 Resp: 590275
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.2 7.5 11.3

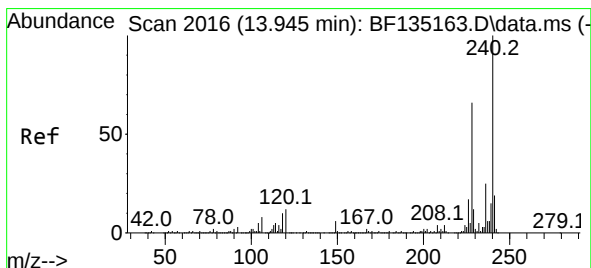
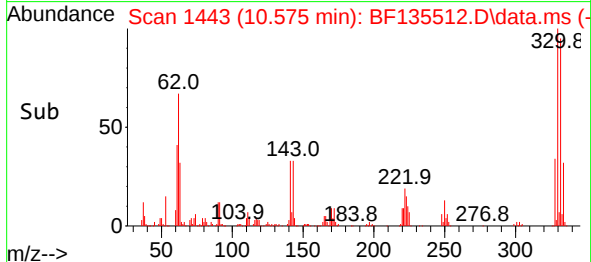
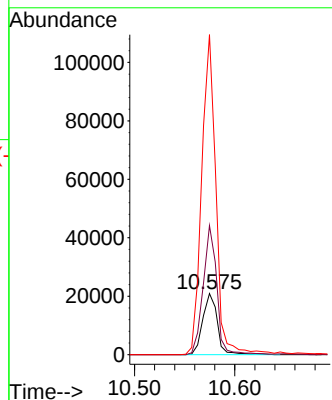
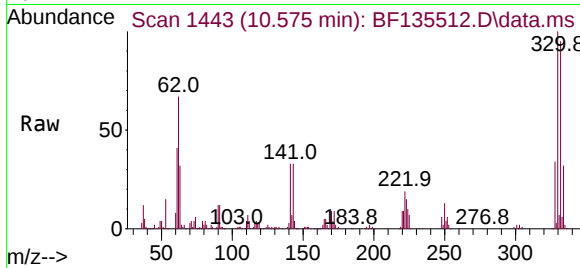




#67
4-Bromophenyl-phenylether
Concen: 3.624 ng
RT: 10.575 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

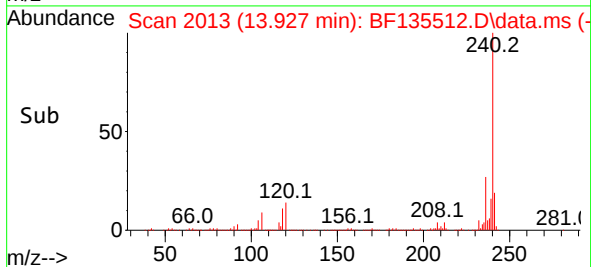
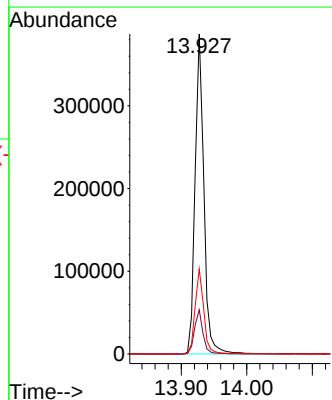
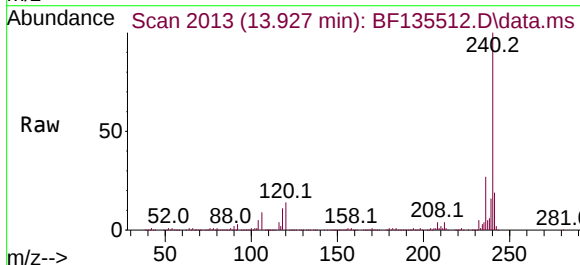
Instrument :
BNA_F
ClientSampleId :
PB155882TB

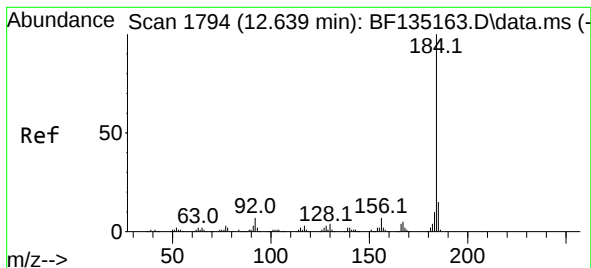
Tgt Ion:248 Resp: 21278
Ion Ratio Lower Upper
248 100
250 211.0 78.6 117.8#
141 523.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135512.D
Acq: 29 Sep 2023 12:58

Tgt Ion:240 Resp: 363253
Ion Ratio Lower Upper
240 100
120 13.8 9.4 14.2
236 26.6 19.8 29.8





#77

Benzidine

Concen: 2.803 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.247 min

Lab File: BF135512.D

Acq: 29 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB155882TB

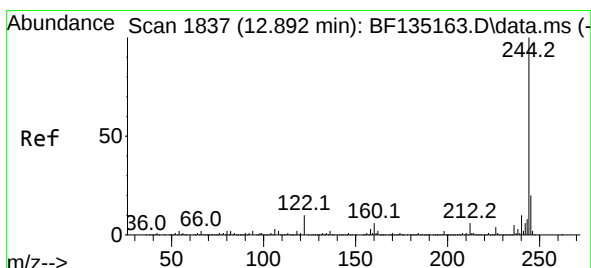
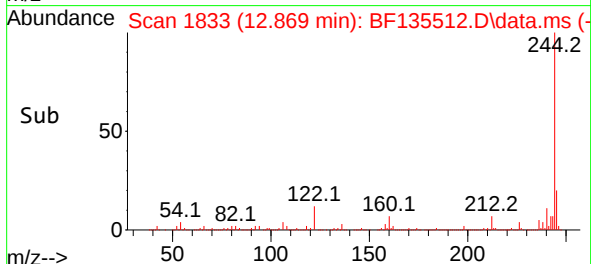
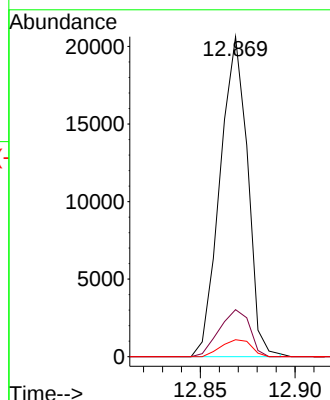
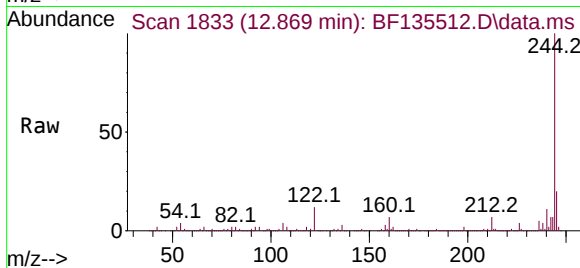
Tgt Ion:184 Resp: 20860

Ion Ratio Lower Upper

184 100

185 14.7 11.7 17.5

183 5.3 8.2 12.4#



#79

Terphenyl-d14

Concen: 67.988 ng

RT: 12.869 min Scan# 1833

Delta R.T. -0.006 min

Lab File: BF135512.D

Acq: 29 Sep 2023 12:58

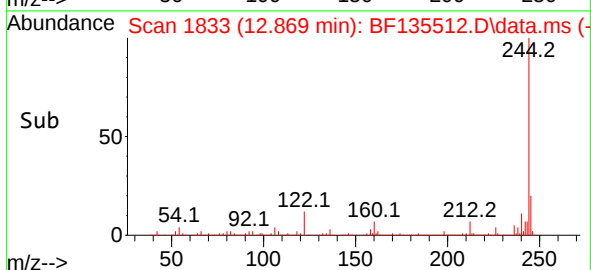
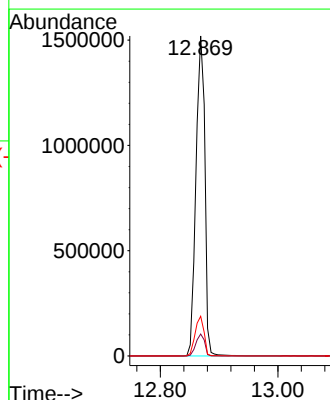
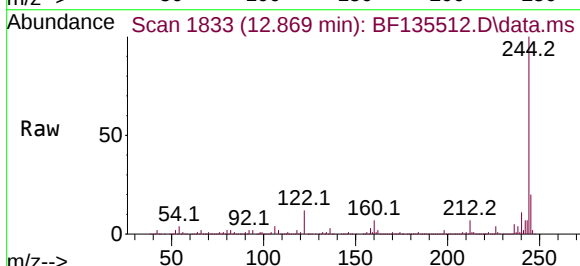
Tgt Ion:244 Resp: 1593156

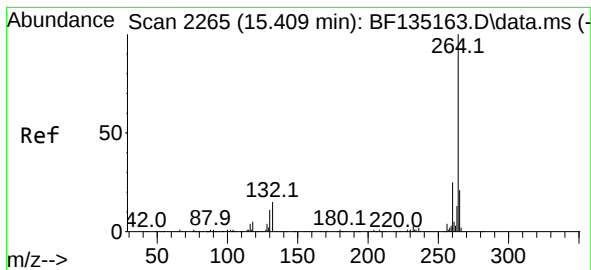
Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 12.4 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: BF135512.D
 Acq: 29 Sep 2023 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB155882TB

Tgt Ion:264 Resp: 302717
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 21.2 17.0 25.4

