

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
 Data File : BF130264.D
 Acq On : 15 Sep 2022 11:06
 Operator : CG\JU
 Sample : PB147583BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147583BL

Quant Time: Sep 16 03:22:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

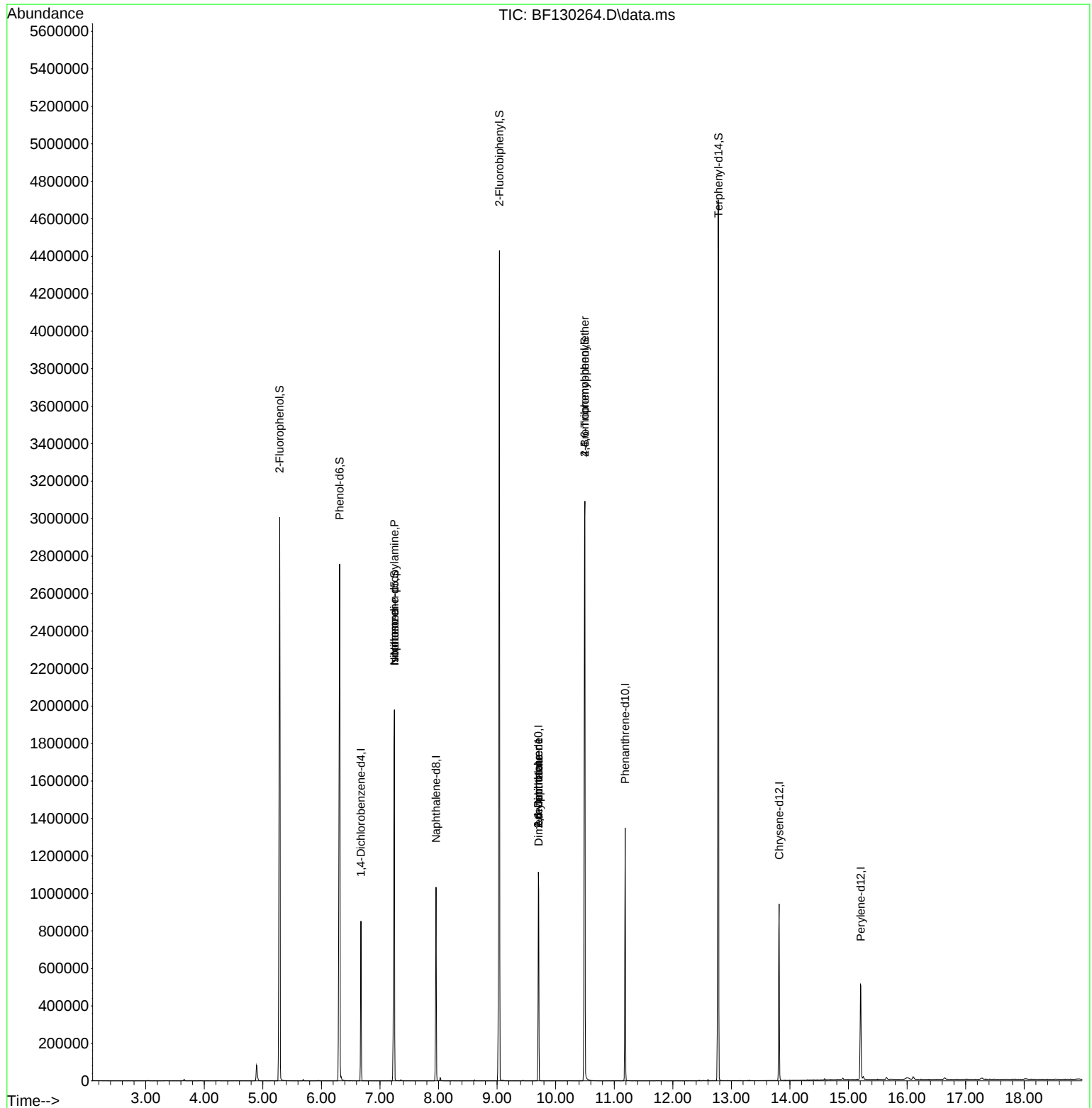
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	105417	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	422379	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	230467	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	417350	20.000	ng	0.00
76) Chrysene-d12	13.816	240	304234	20.000	ng	0.00
86) Perylene-d12	15.210	264	221715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	902338	148.465	ng	0.01
7) Phenol-d6	6.310	99	1128612	148.410	ng	0.00
23) Nitrobenzene-d5	7.245	82	732499	88.599	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	386008	174.798	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1393786	88.065	ng	0.00
79) Terphenyl-d14	12.780	244	1760158	95.837	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.245	70	100408	19.567	ng	# 73
25) Isophorone	7.245	82	731029	54.860	ng	# 66
50) Dimethylphthalate	9.710	163	44224	2.778	ng	# 1
51) 2,6-Dinitrotoluene	9.704	165	30133	9.051	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	30133	7.082	ng	# 16
67) 4-Bromophenyl-phenylether	10.498	248	24577	5.338	ng	# 1

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

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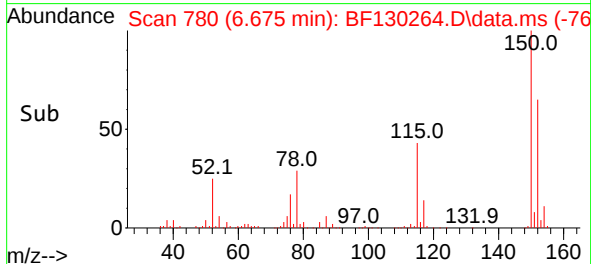
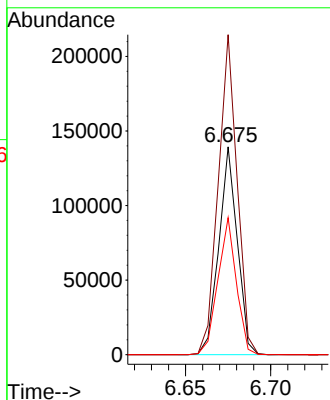
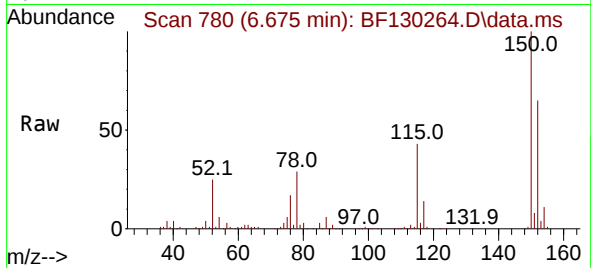




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

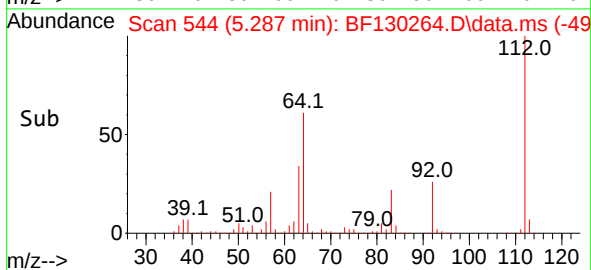
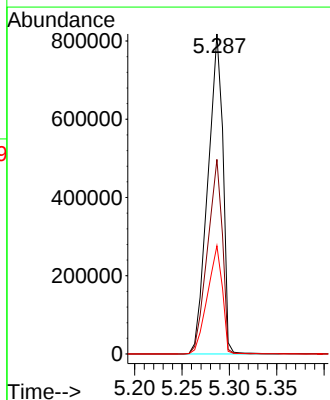
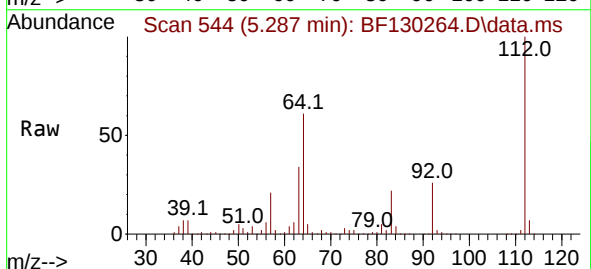
Instrument :
BNA_F
ClientSampleId :
PB147583BL

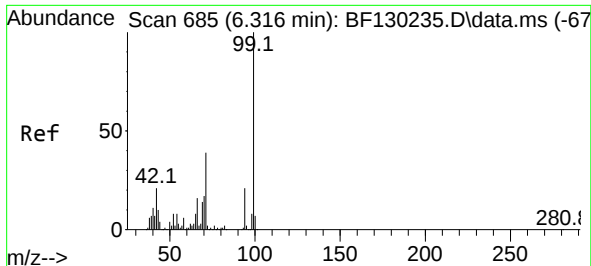
Tgt Ion:152 Resp: 105417
Ion Ratio Lower Upper
152 100
150 153.9 122.8 184.2
115 65.9 53.8 80.8



#5
2-Fluorophenol
Concen: 148.465 ng
RT: 5.287 min Scan# 544
Delta R.T. 0.012 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

Tgt Ion:112 Resp: 902338
Ion Ratio Lower Upper
112 100
64 60.8 51.4 77.0
63 33.8 28.8 43.2

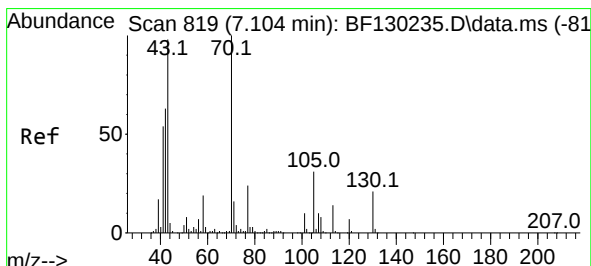
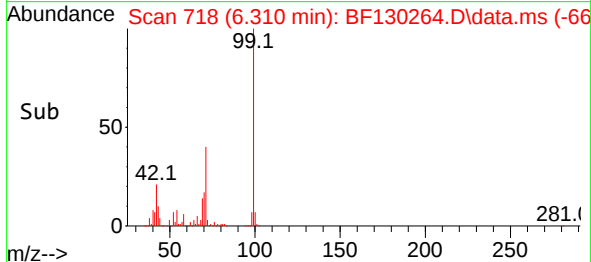
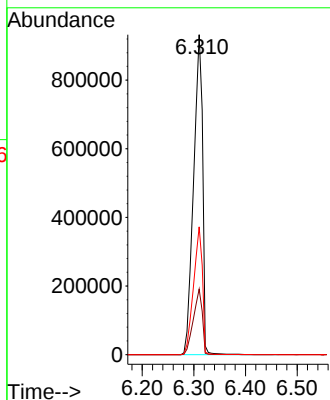
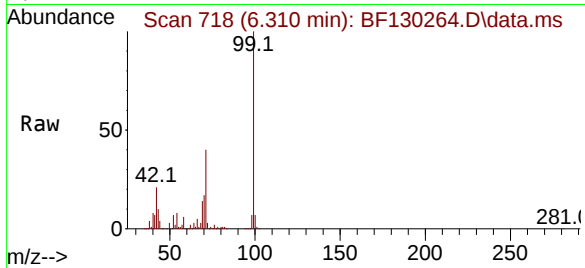




#7
Phenol-d6
Concen: 148.410 ng
RT: 6.310 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

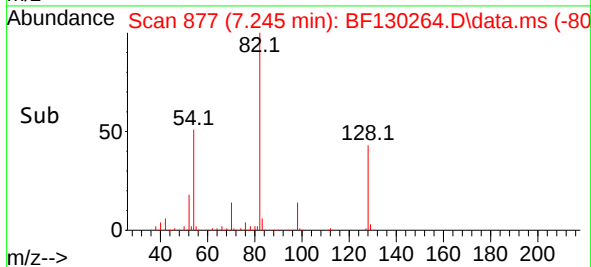
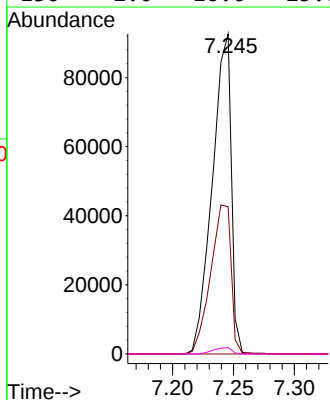
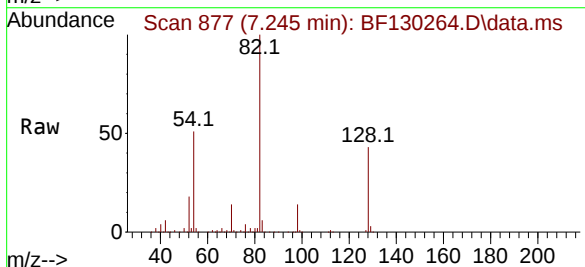
Instrument :
BNA_F
ClientSampleId :
PB147583BL

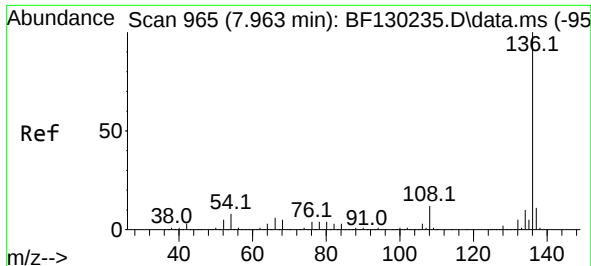
Tgt Ion: 99 Resp: 1128612
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 39.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.567 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.141 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

Tgt Ion: 70 Resp: 100408
Ion Ratio Lower Upper
70 100
42 46.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#



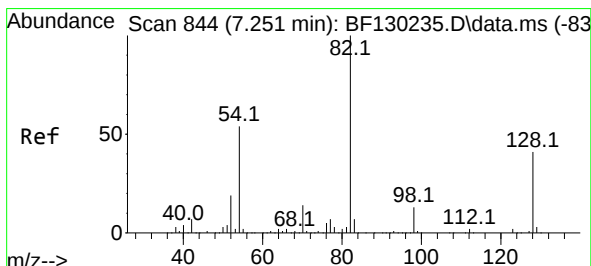
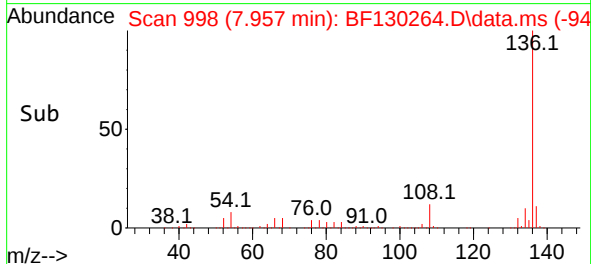
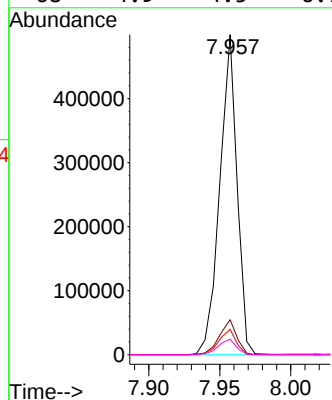
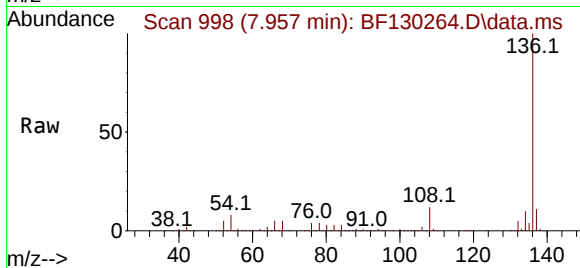


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

Instrument :
BNA_F
ClientSampleId :
PB147583BL

Tgt Ion:136 Resp: 422379

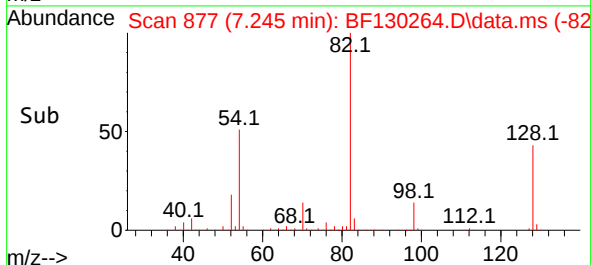
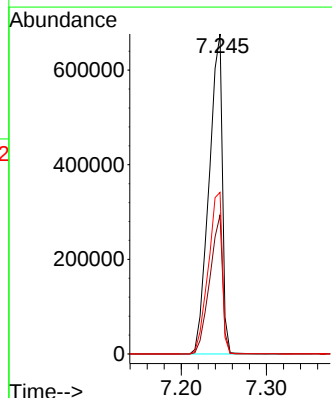
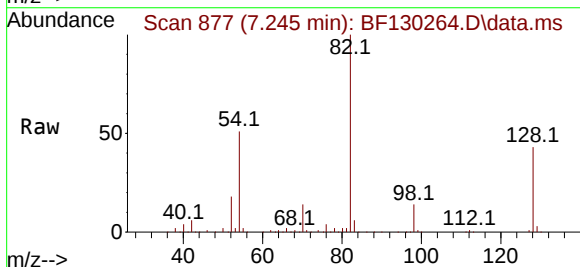
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.9	7.1	10.7
68	4.9	4.5	6.7



#23
Nitrobenzene-d5
Concen: 88.599 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

Tgt Ion: 82 Resp: 732499

Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.6	49.0
54	50.5	43.8	65.6

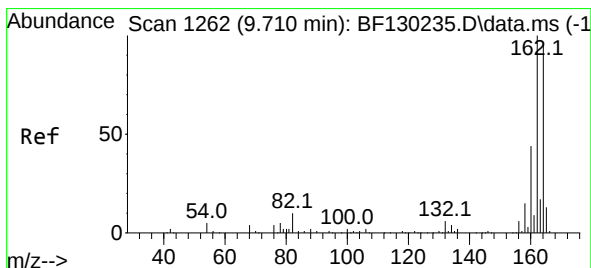
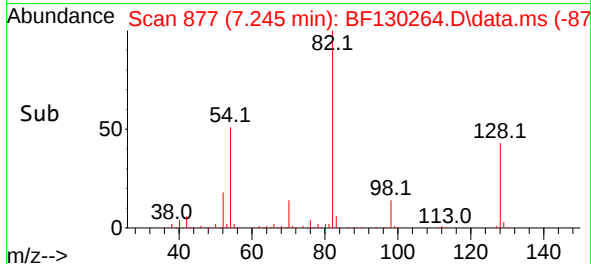
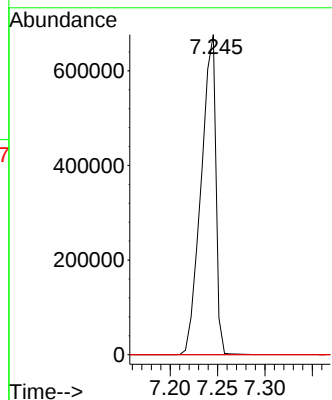
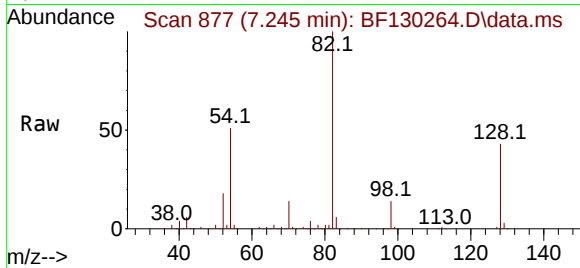




#25
Isophorone
Concen: 54.860 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

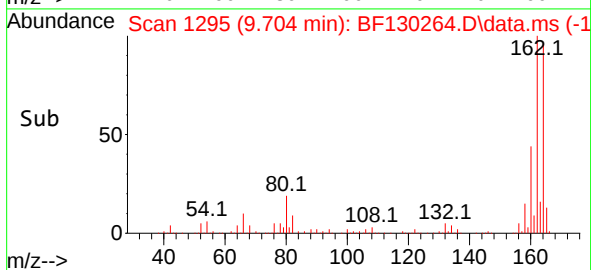
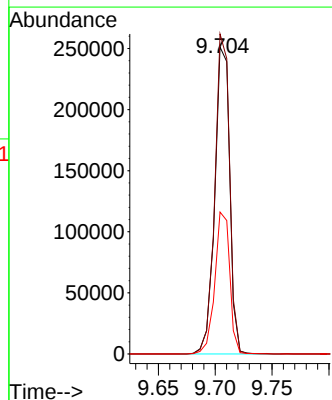
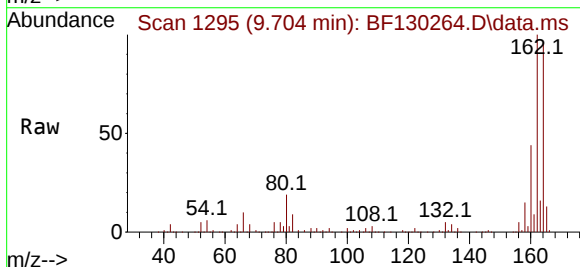
Instrument :
BNA_F
ClientSampleId :
PB147583BL

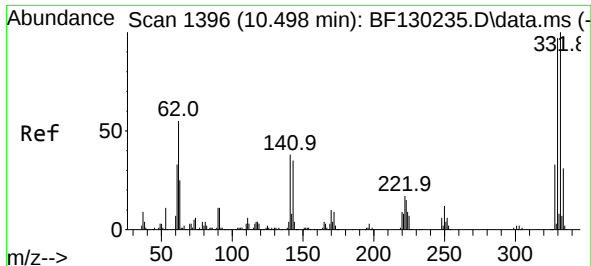
Tgt Ion: 82 Resp: 731029
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

Tgt Ion:164 Resp: 230467
Ion Ratio Lower Upper
164 100
162 104.3 81.4 122.0
160 46.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 174.798 ng

RT: 10.498 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF130264.D

Acq: 15 Sep 2022 11:06

Instrument :

BNA_F

ClientSampleId :

PB147583BL

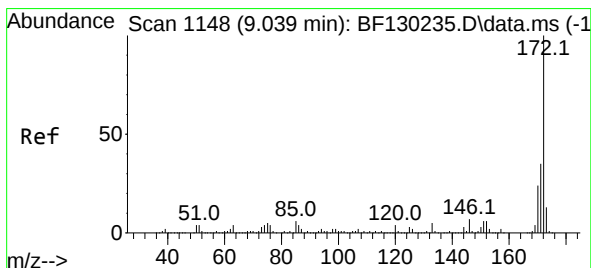
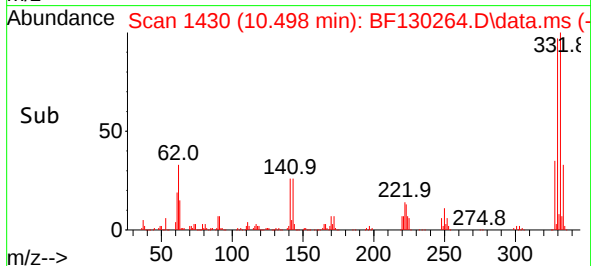
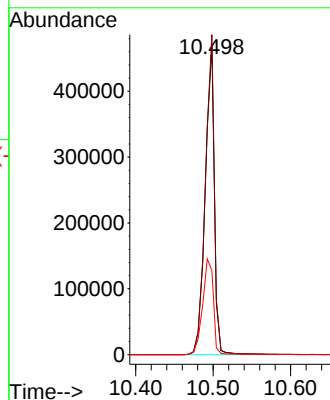
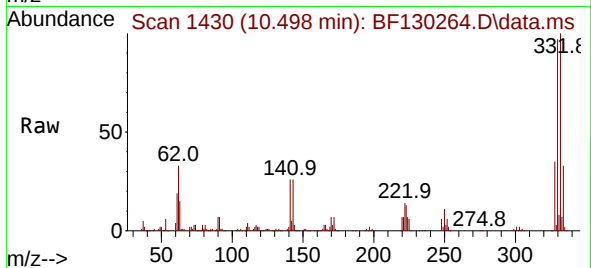
Tgt Ion:330 Resp: 386008

Ion Ratio Lower Upper

330 100

332 102.8 83.4 125.2

141 36.4 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 88.065 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF130264.D

Acq: 15 Sep 2022 11:06

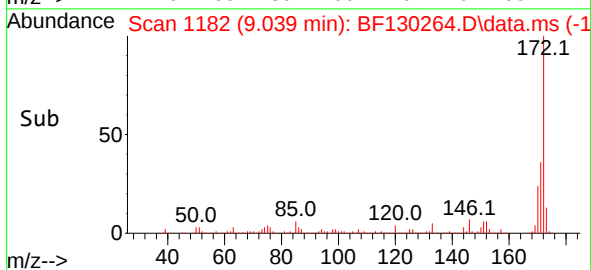
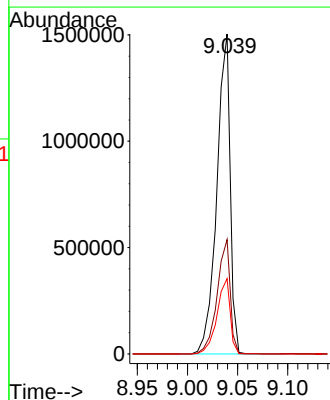
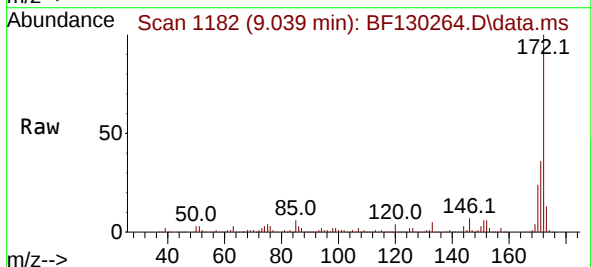
Tgt Ion:172 Resp: 1393786

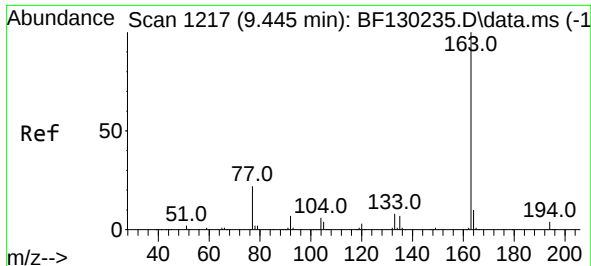
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.5 18.7 28.1

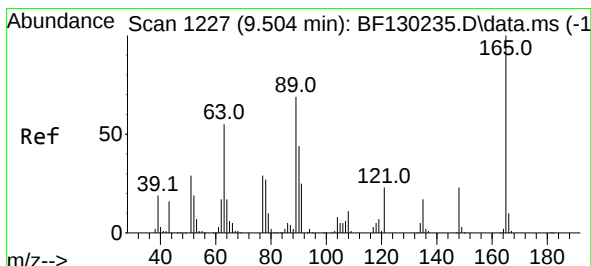
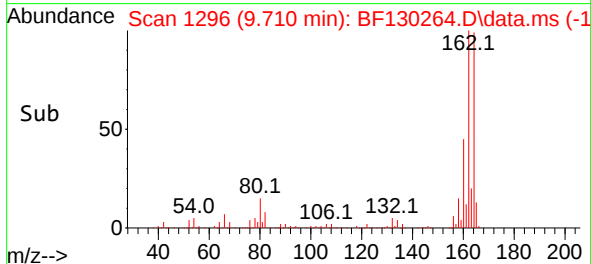
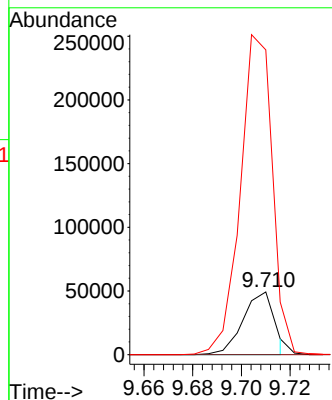
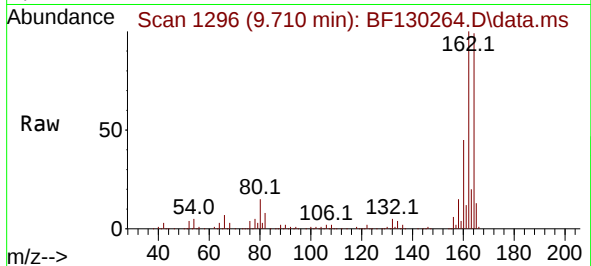




#50
Dimethylphthalate
Concen: 2.778 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

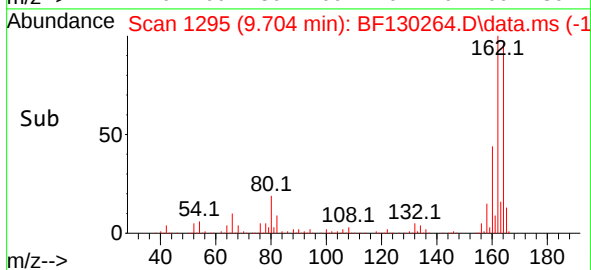
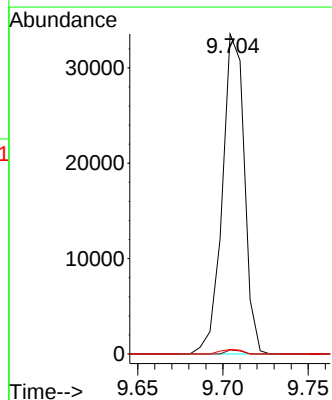
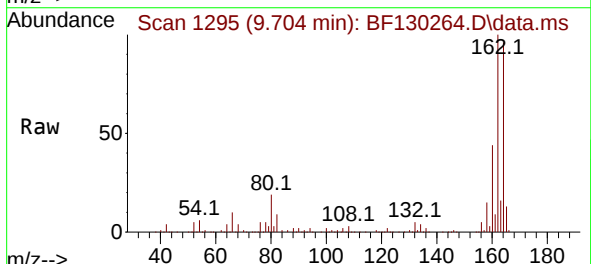
Instrument :
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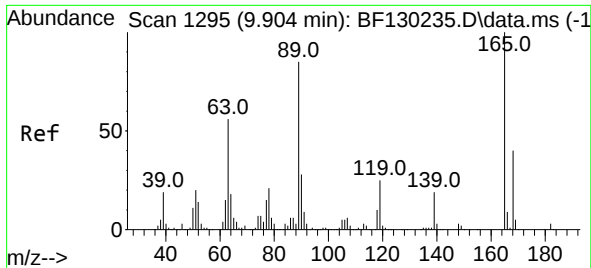
Tgt Ion:163 Resp: 44224
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 485.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.051 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

Tgt Ion:165 Resp: 30133
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.4 54.5 81.7#

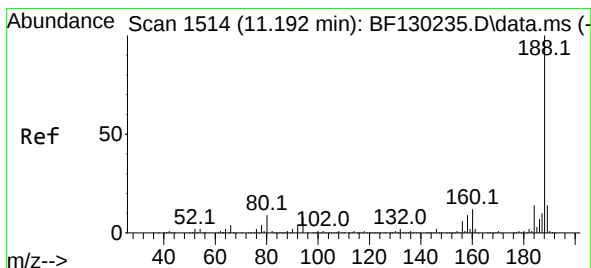
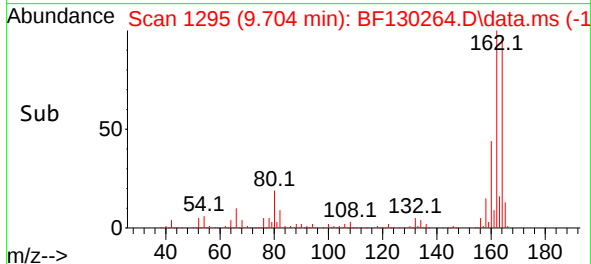
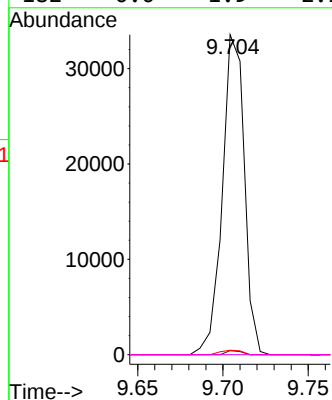
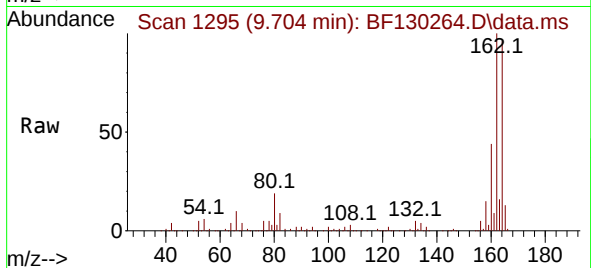




#57
2,4-Dinitrotoluene
Concen: 7.082 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

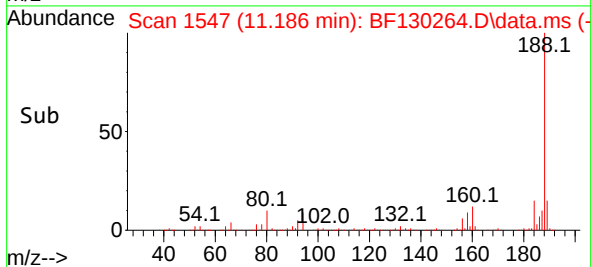
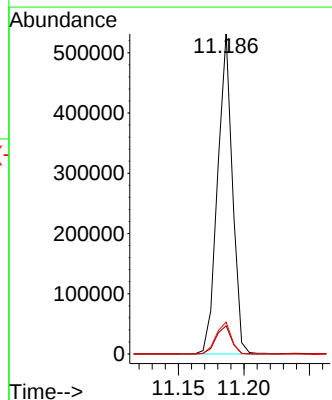
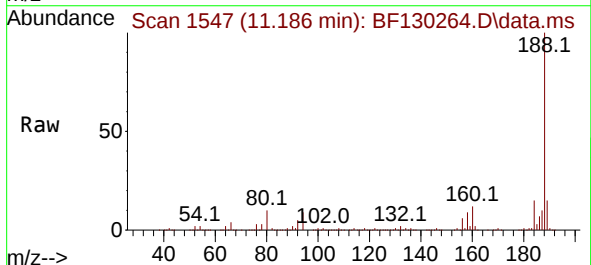
Instrument :
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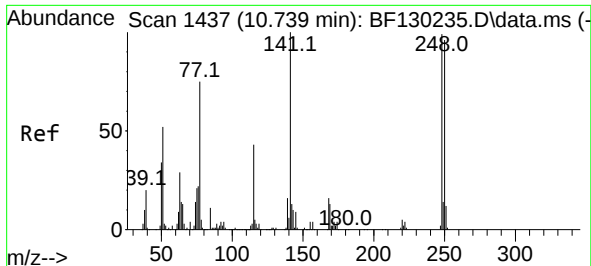
Tgt Ion:165 Resp: 30133
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

Tgt Ion:188 Resp: 417350
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.9 7.9 11.9

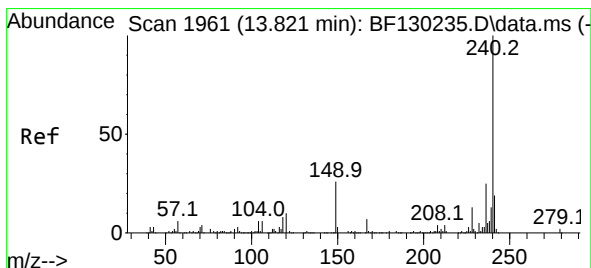
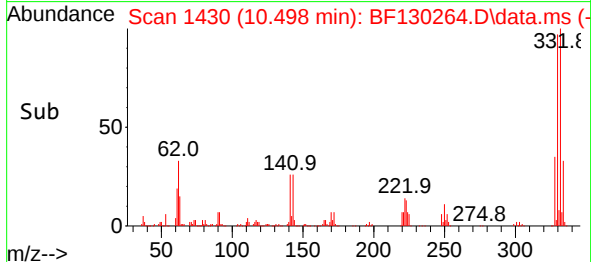
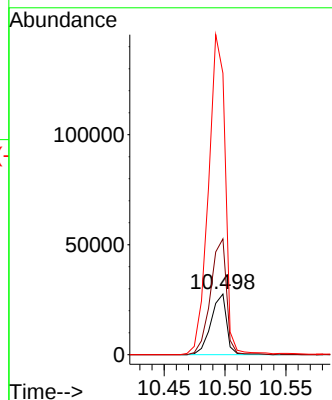
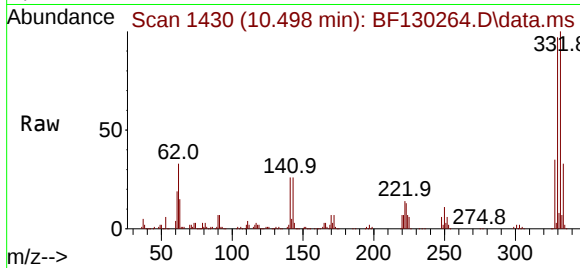




#67
4-Bromophenyl-phenylether
Concen: 5.338 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.241 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

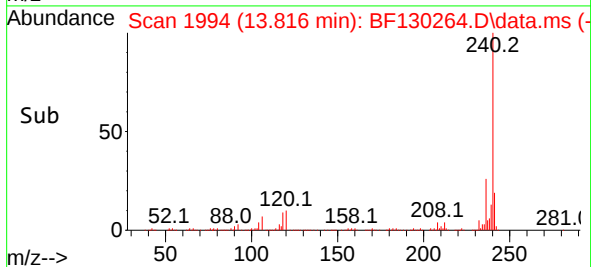
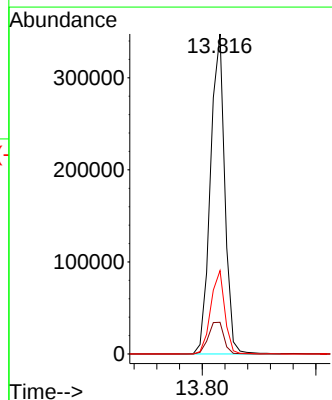
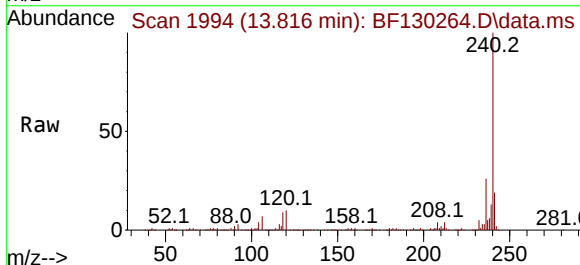
Instrument :
BNA_F
ClientSampleId :
PB147583BL

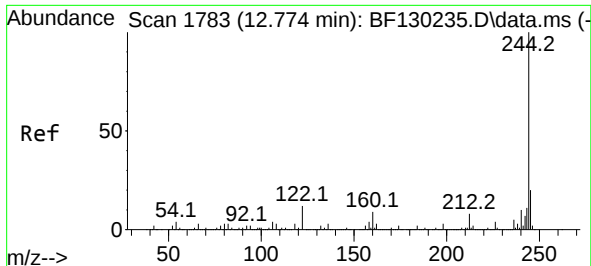
Tgt Ion:248 Resp: 24577
Ion Ratio Lower Upper
248 100
250 190.9 80.0 120.0#
141 463.5 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.816 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BF130264.D
Acq: 15 Sep 2022 11:06

Tgt Ion:240 Resp: 304234
Ion Ratio Lower Upper
240 100
120 9.9 8.7 13.1
236 26.1 20.9 31.3

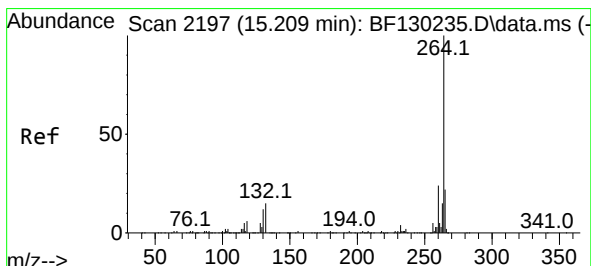
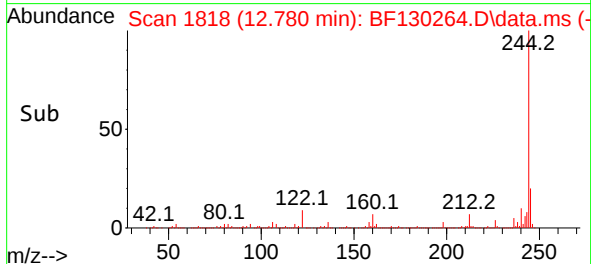
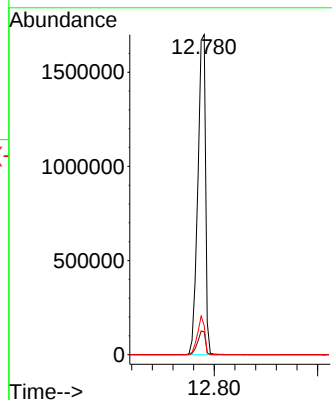
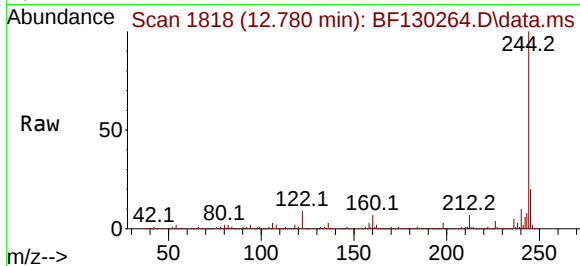




#79
 Terphenyl-d14
 Concen: 95.837 ng
 RT: 12.780 min Scan# 1783
 Delta R.T. 0.006 min
 Lab File: BF130264.D
 Acq: 15 Sep 2022 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB147583BL

Tgt Ion:244 Resp: 1760158
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.210 min Scan# 2231
 Delta R.T. 0.000 min
 Lab File: BF130264.D
 Acq: 15 Sep 2022 11:06

Tgt Ion:264 Resp: 221715
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.3 28.9
 265 21.6 17.0 25.4

