

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130337.D
 Acq On : 20 Sep 2022 11:07
 Operator : CG\JU
 Sample : PB147679BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147679BL

Quant Time: Sep 21 05:10:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

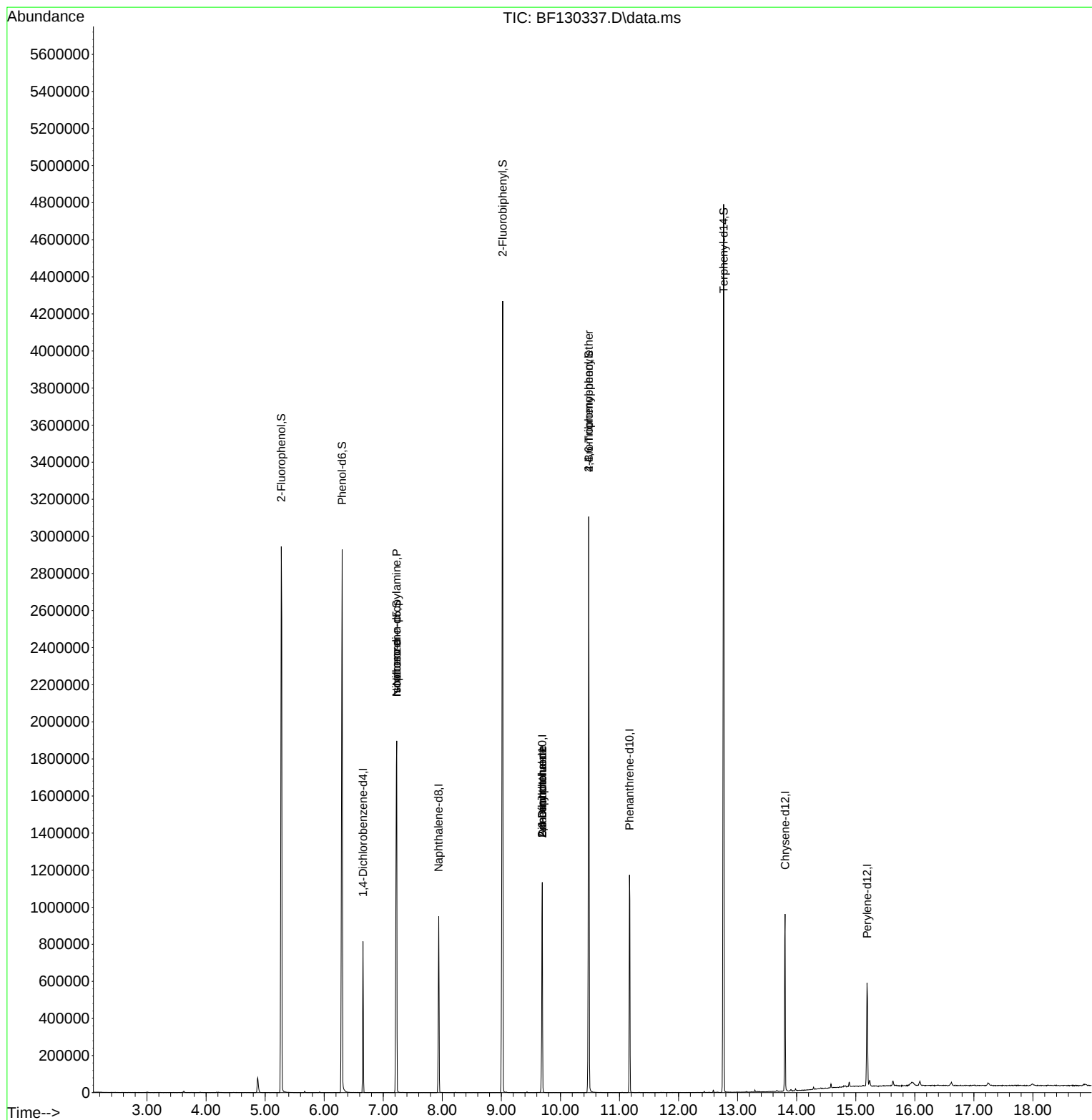
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	106766	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	432741	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	235358	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	416219	20.000	ng	0.00
76) Chrysene-d12	13.804	240	306467	20.000	ng	0.00
86) Perylene-d12	15.192	264	229684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	908211	147.543	ng	0.02
7) Phenol-d6	6.304	99	1111367	144.295	ng	0.00
23) Nitrobenzene-d5	7.228	82	722190	85.260	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	375043	166.303	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1391809	86.113	ng	0.00
79) Terphenyl-d14	12.763	244	1700314	91.904	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.228	70	99161	19.080	ng	Qvalue # 73
25) Isophorone	7.228	82	718858	52.655	ng	# 66
50) Dimethylphthalate	9.692	163	44700	2.749	ng	# 1
51) 2,6-Dinitrotoluene	9.692	165	30683	9.024	ng	# 16
57) 2,4-Dinitrotoluene	9.692	165	30683	7.061	ng	# 16
67) 4-Bromophenyl-phenylether	10.480	248	23074	5.025	ng	# 1

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

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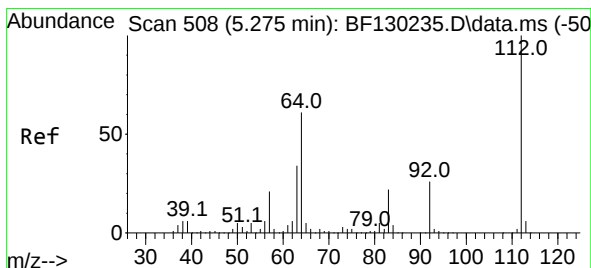
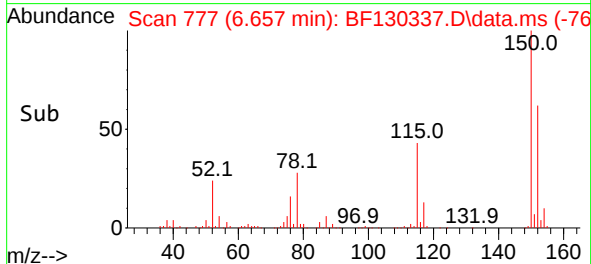
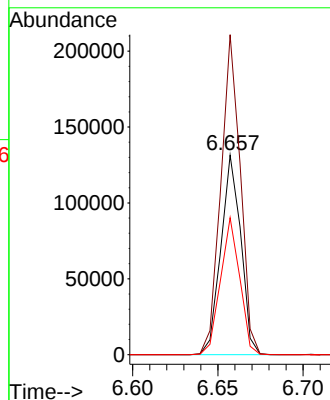
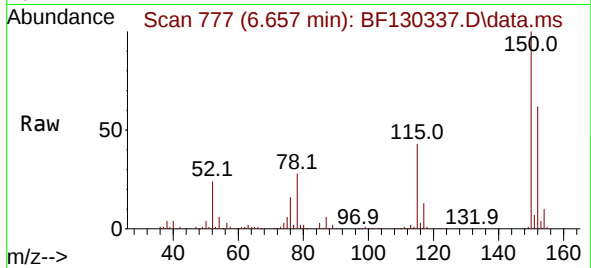




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

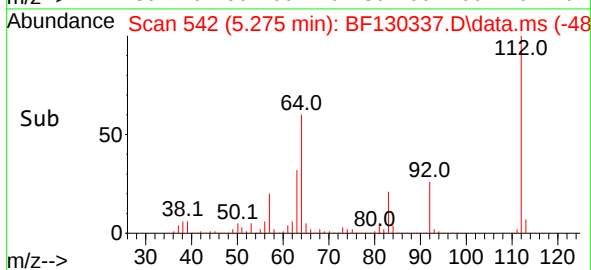
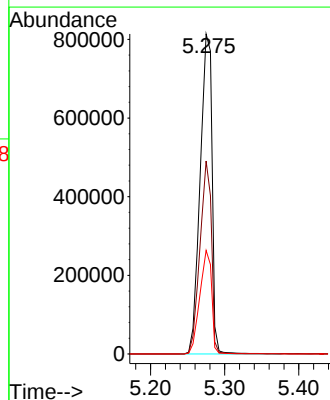
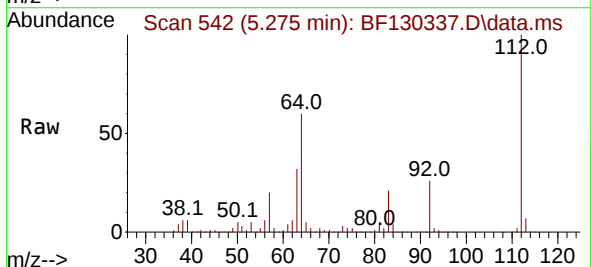
Instrument :
BNA_F
ClientSampleId :
PB147679BL

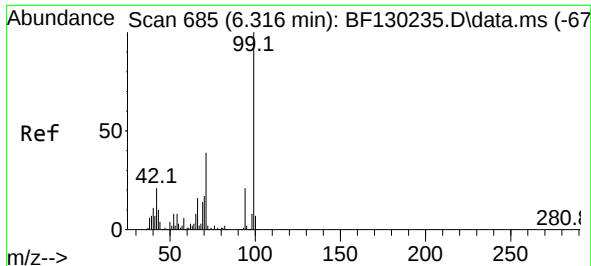
Tgt Ion:152 Resp: 106766
Ion Ratio Lower Upper
152 100
150 160.4 122.8 184.2
115 68.7 53.8 80.8



#5
2-Fluorophenol
Concen: 147.543 ng
RT: 5.275 min Scan# 542
Delta R.T. 0.018 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

Tgt Ion:112 Resp: 908211
Ion Ratio Lower Upper
112 100
64 60.3 51.4 77.0
63 32.4 28.8 43.2

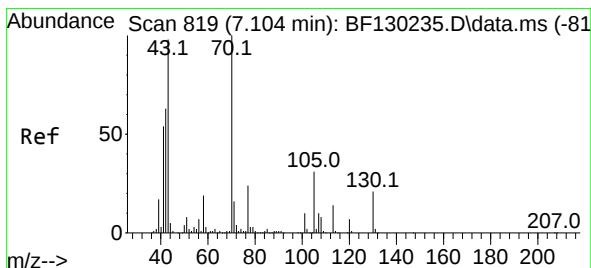
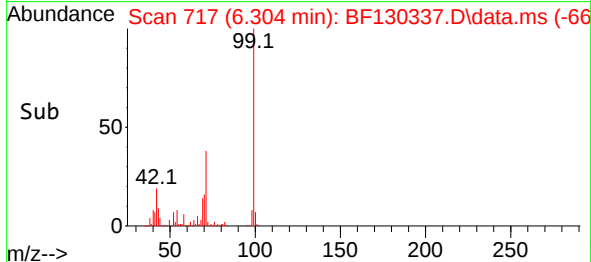
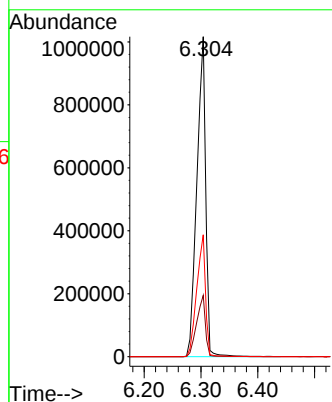
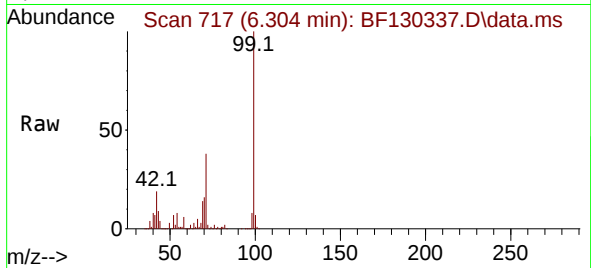




#7
Phenol-d6
Concen: 144.295 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

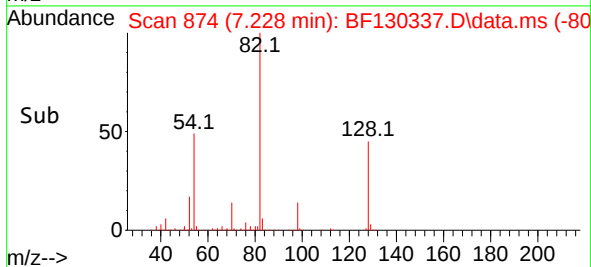
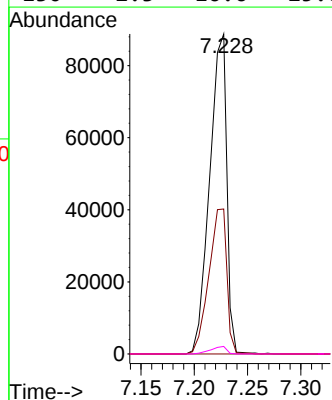
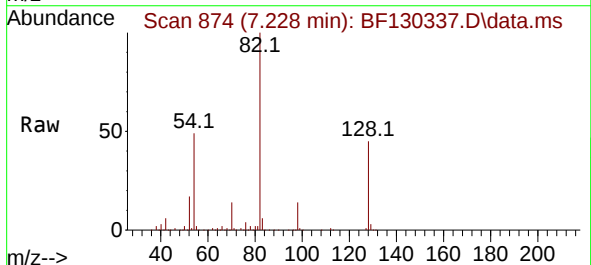
Instrument :
BNA_F
ClientSampleId :
PB147679BL

Tgt Ion: 99 Resp: 1111367
Ion Ratio Lower Upper
99 100
42 19.2 17.0 25.6
71 38.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.080 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.135 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

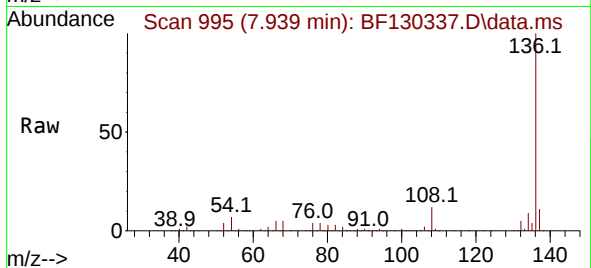
Tgt Ion: 70 Resp: 99161
Ion Ratio Lower Upper
70 100
42 45.3 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#



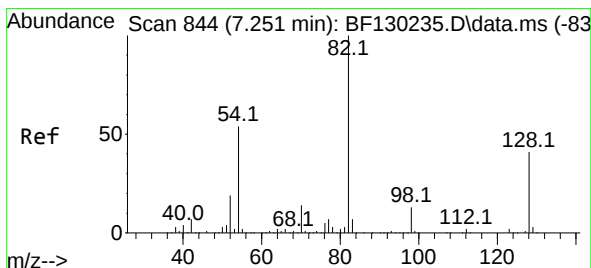
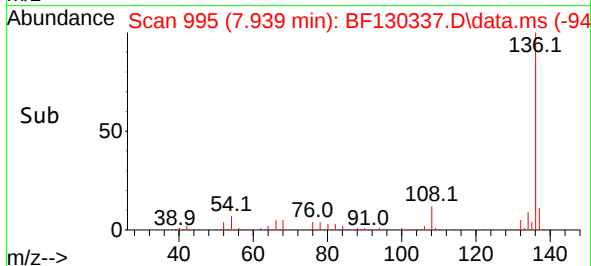
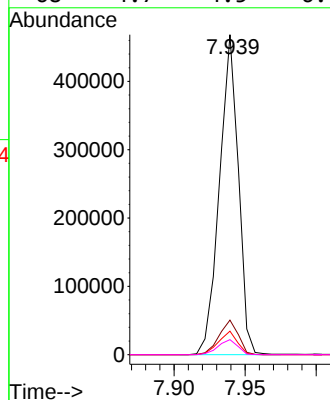


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

Instrument :
BNA_F
ClientSampleId :
PB147679BL

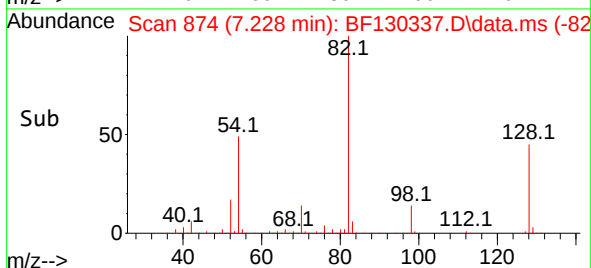
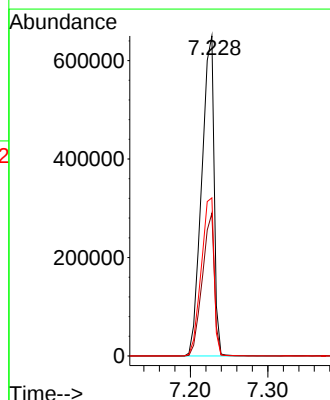
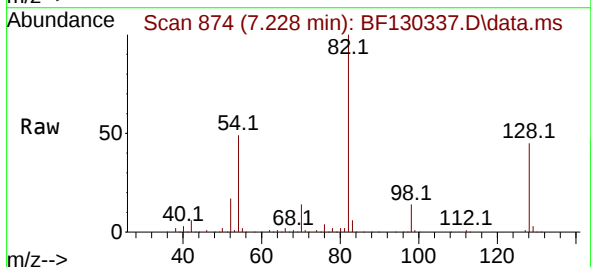


Tgt Ion:136 Resp: 432741
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.4 7.1 10.7
68 4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 85.260 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

Tgt Ion: 82 Resp: 722190
Ion Ratio Lower Upper
82 100
128 44.5 32.6 49.0
54 49.4 43.8 65.6

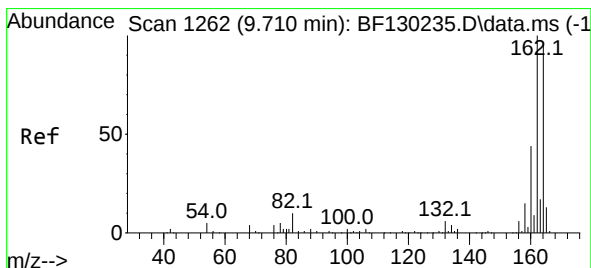
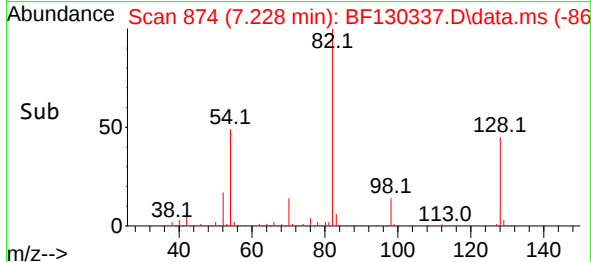
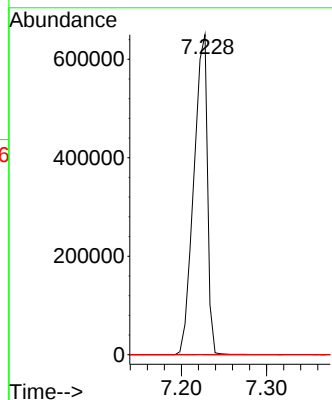
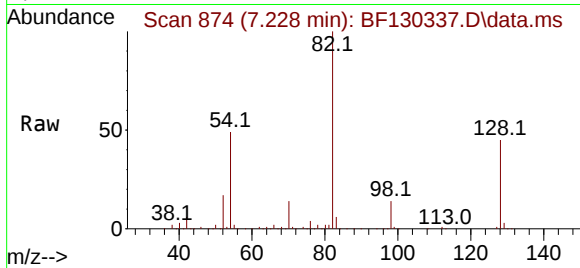




#25
Isophorone
Concen: 52.655 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

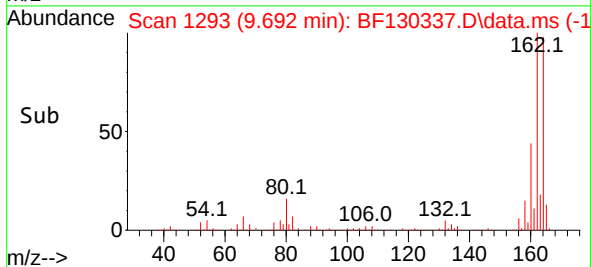
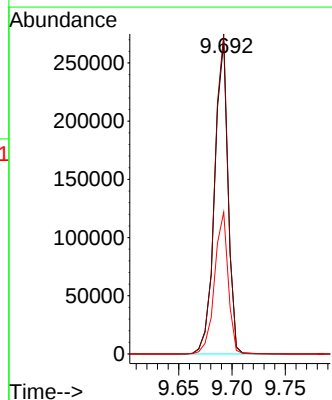
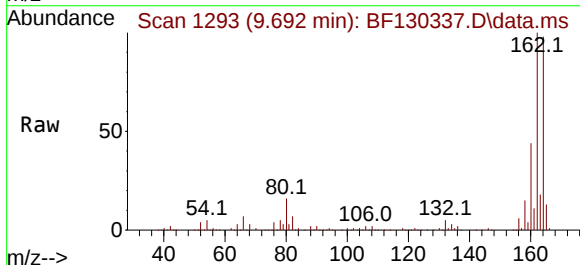
Instrument :
BNA_F
ClientSampleId :
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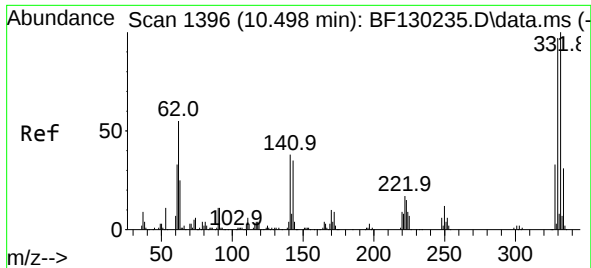
Tgt Ion: 82 Resp: 718858
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

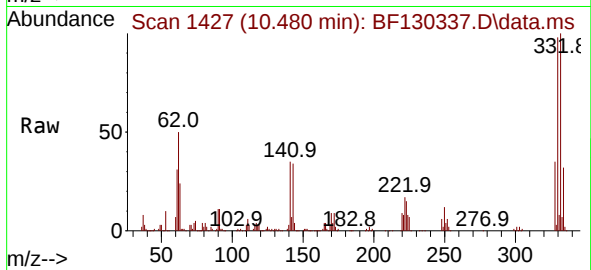
Tgt Ion:164 Resp: 235358
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 45.4 36.2 54.4



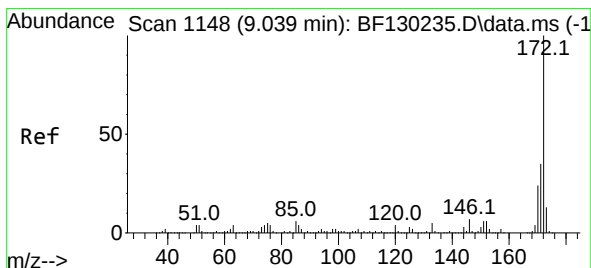
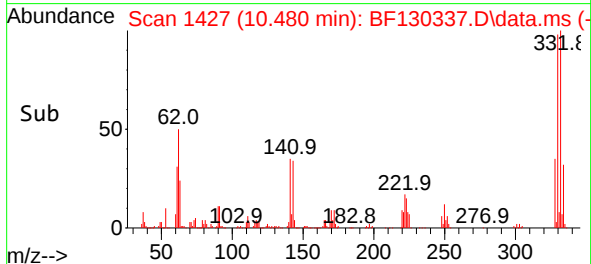
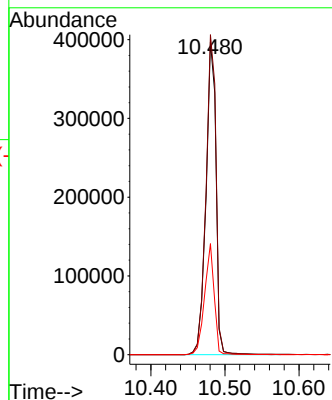


#42
2,4,6-Tribromophenol
Concen: 166.303 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

Instrument :
BNA_F
ClientSampleId :
PB147679BL

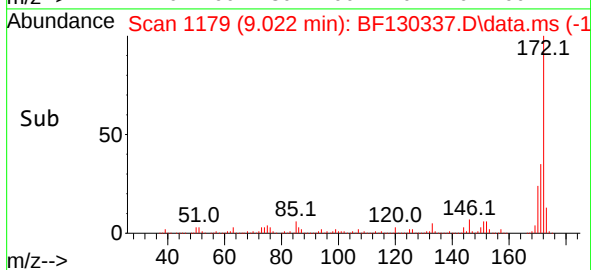
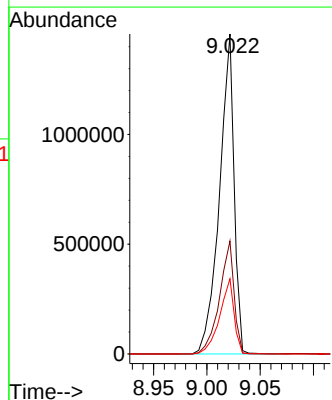
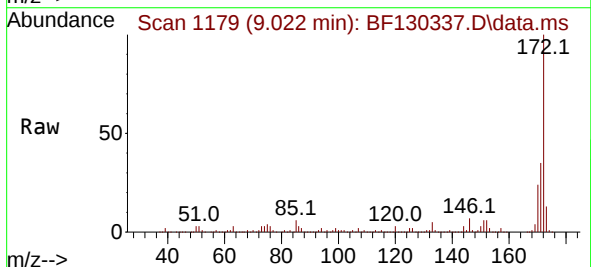


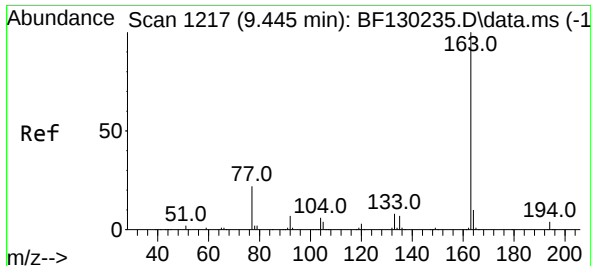
Tgt Ion:330 Resp: 375043
Ion Ratio Lower Upper
330 100
332 103.4 83.4 125.2
141 34.2 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 86.113 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

Tgt Ion:172 Resp: 1391809
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 18.7 28.1

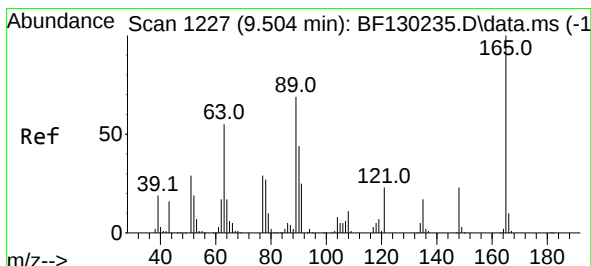
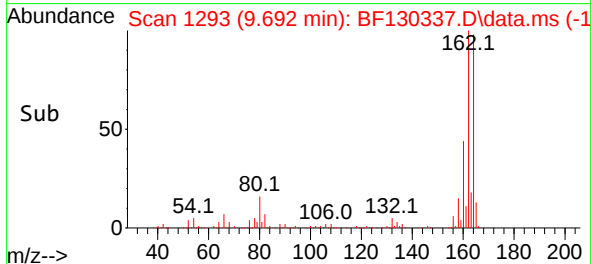
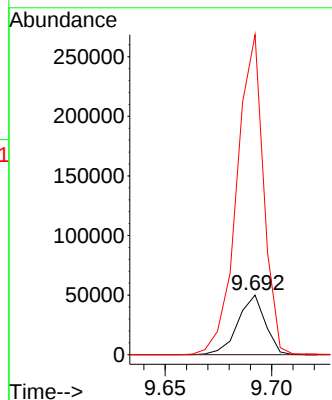
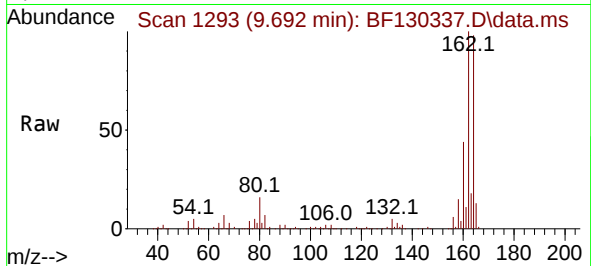




#50
Dimethylphthalate
Concen: 2.749 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.265 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

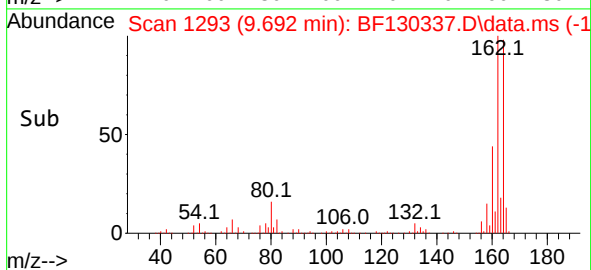
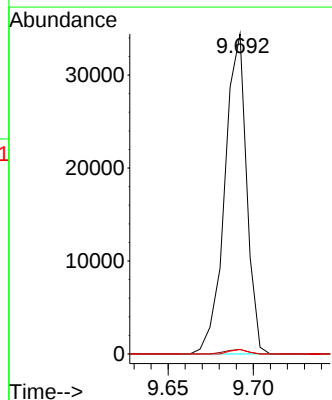
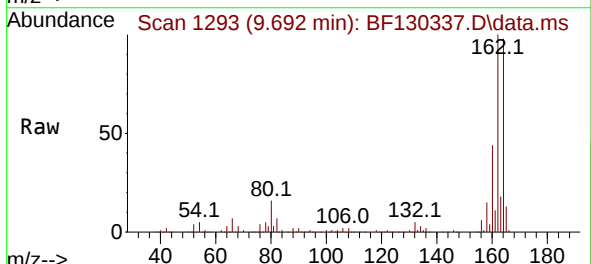
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BNA_F
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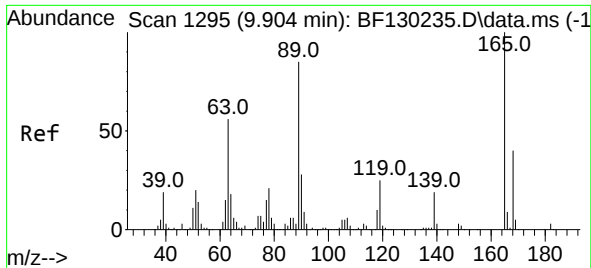
Tgt Ion:163 Resp: 44700
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 537.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.024 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.206 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

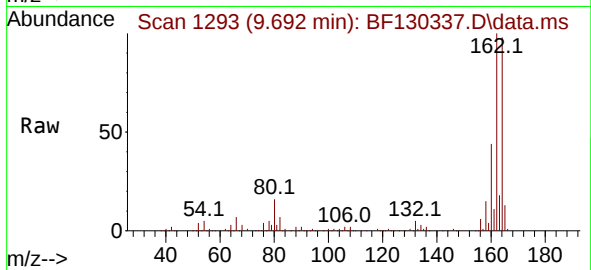
Tgt Ion:165 Resp: 30683
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 1.4 54.5 81.7#



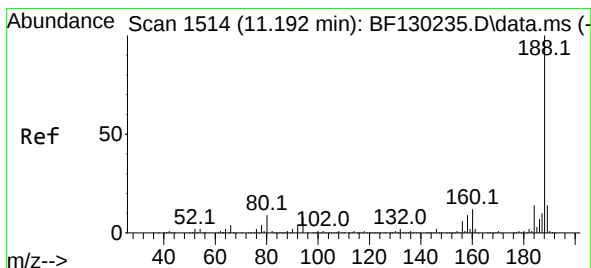
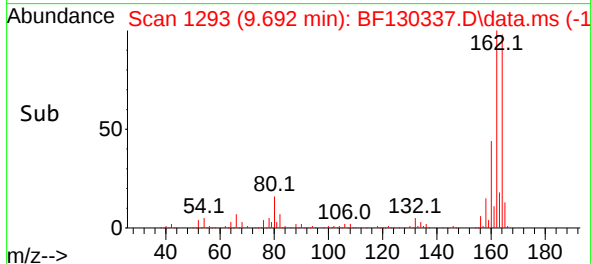
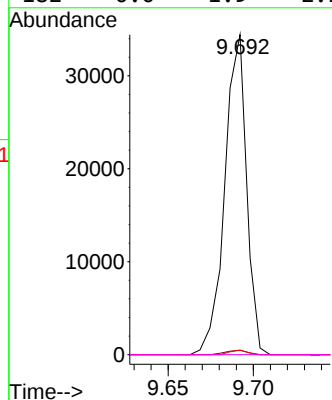


#57
2,4-Dinitrotoluene
Concen: 7.061 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

Instrument :
BNA_F
ClientSampleId :
PB147679BL

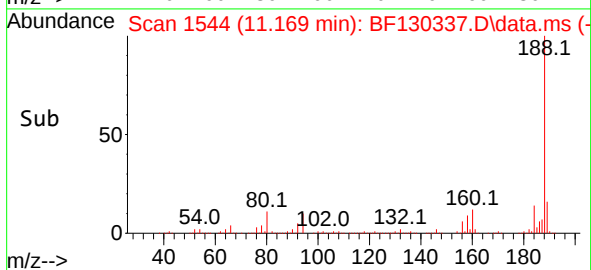
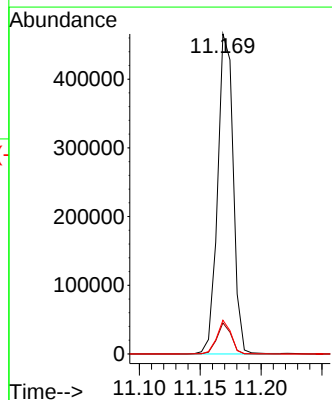
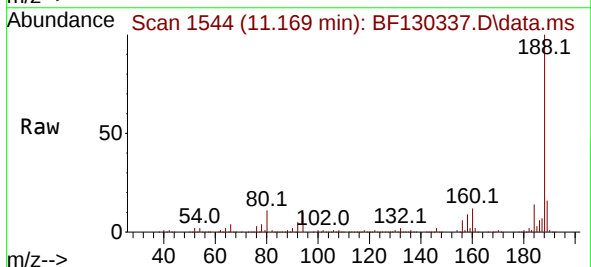


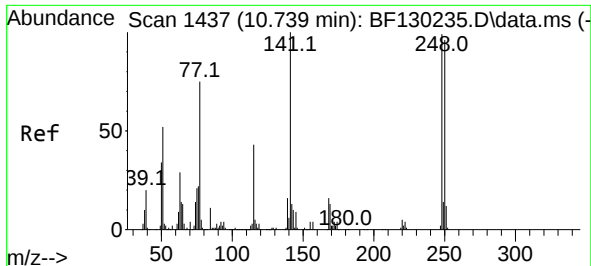
Tgt Ion:165	Resp:	30683
Ion	Ratio	Lower Upper
165	100	
63	1.4	44.7 67.1#
89	1.4	69.0 103.4#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

Tgt Ion:188	Resp:	416219
Ion	Ratio	Lower Upper
188	100	
94	9.7	7.4 11.2
80	10.5	7.9 11.9

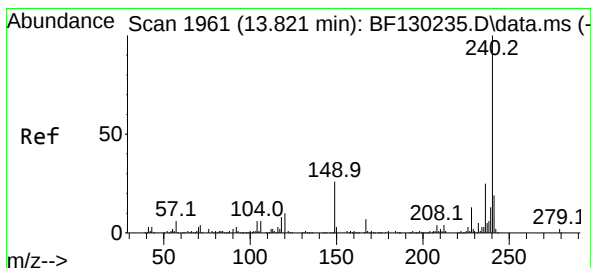
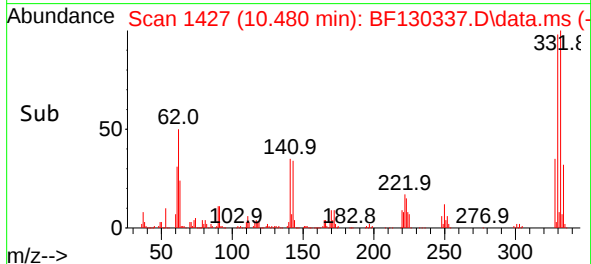
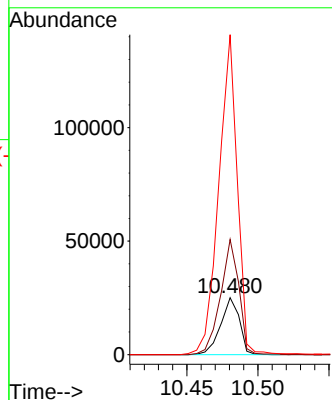
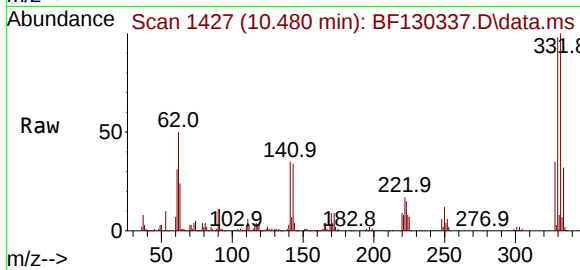




#67
4-Bromophenyl-phenylether
Concen: 5.025 ng
RT: 10.480 min Scan# 1437
Delta R.T. -0.241 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

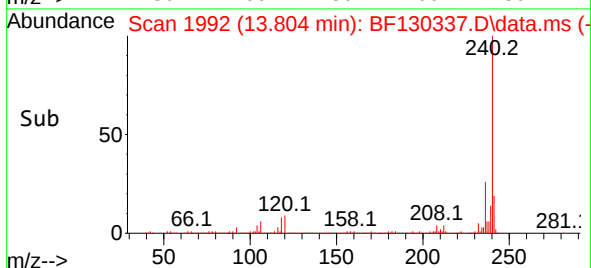
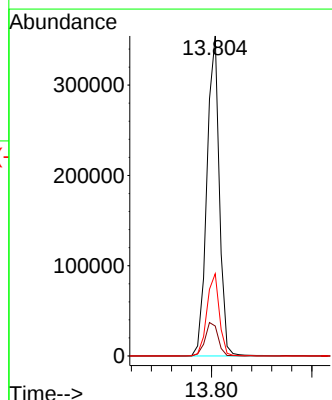
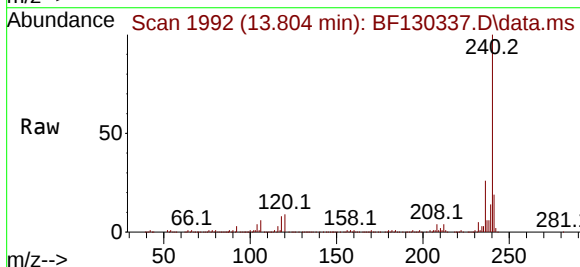
Instrument :
BNA_F
ClientSampleId :
PB147679BL

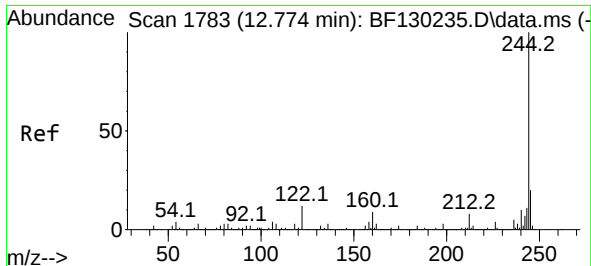
Tgt Ion:248 Resp: 23074
Ion Ratio Lower Upper
248 100
250 202.3 80.0 120.0#
141 562.1 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF130337.D
Acq: 20 Sep 2022 11:07

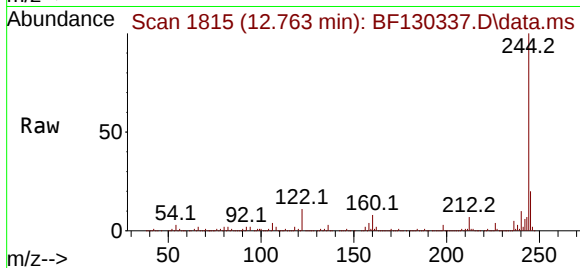
Tgt Ion:240 Resp: 306467
Ion Ratio Lower Upper
240 100
120 9.4 8.7 13.1
236 25.7 20.9 31.3



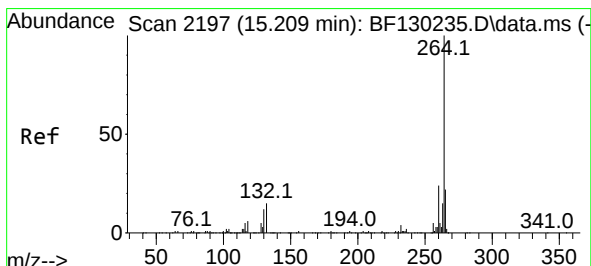
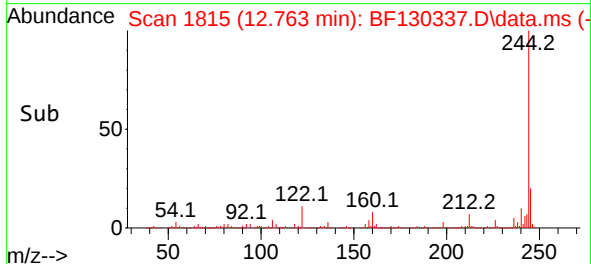
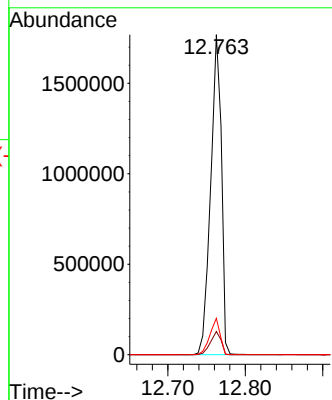


#79
 Terphenyl-d14
 Concen: 91.904 ng
 RT: 12.763 min Scan# 1783
 Delta R.T. 0.006 min
 Lab File: BF130337.D
 Acq: 20 Sep 2022 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB147679BL



Tgt Ion:244 Resp: 1700314
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. 0.006 min
 Lab File: BF130337.D
 Acq: 20 Sep 2022 11:07

Tgt Ion:264 Resp: 229684
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.2 17.0 25.4

