

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130286.D
 Acq On : 16 Sep 2022 11:44
 Operator : CG\JU
 Sample : PB147653BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147653BL

Quant Time: Sep 17 02:30:16 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)

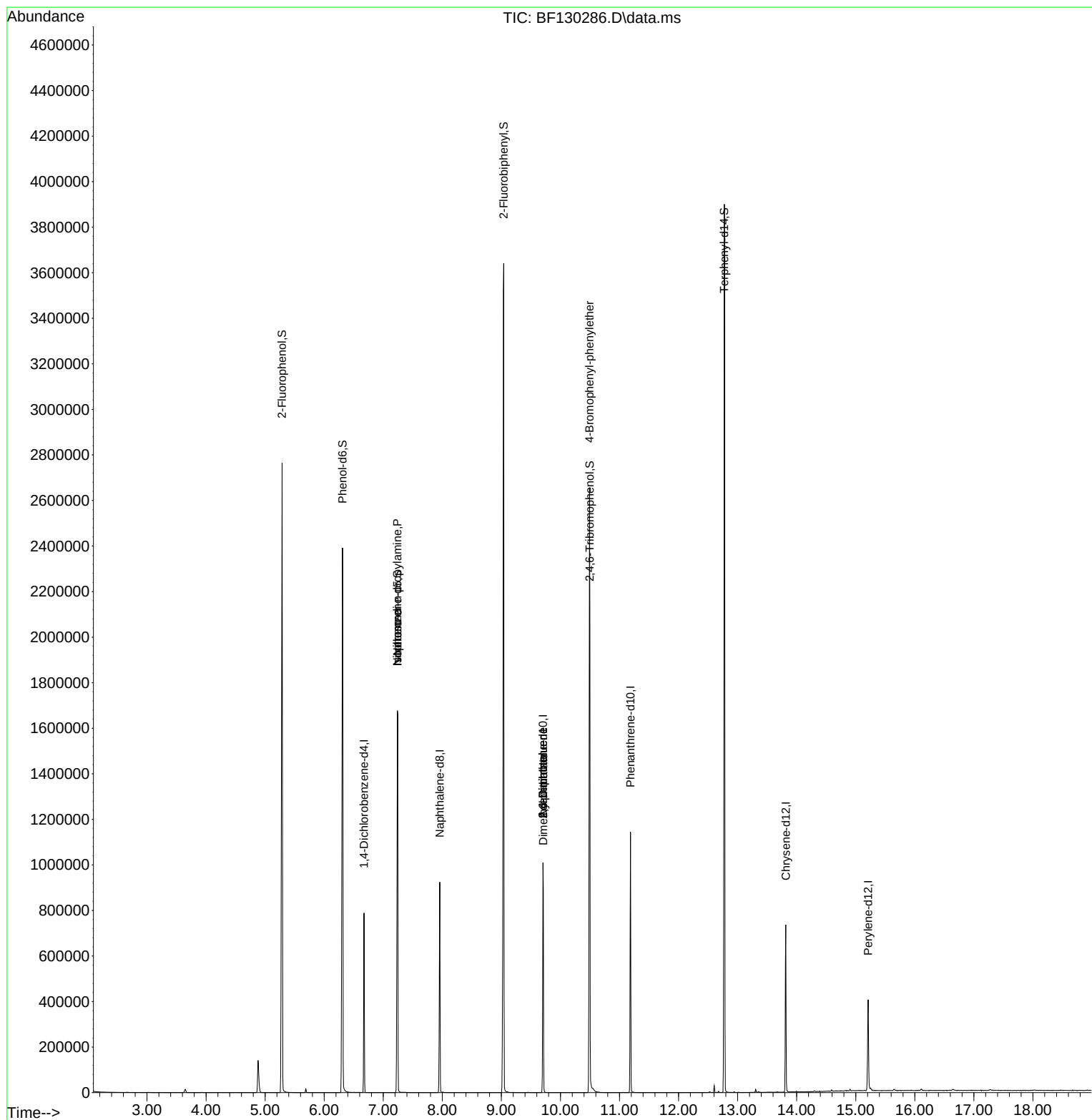
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	98627	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	389272	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	209610	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	367434	20.000	ng	0.00
76) Chrysene-d12	13.815	240	233346	20.000	ng	0.00
86) Perylene-d12	15.210	264	170918	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	785800	138.192	ng	0.01
7) Phenol-d6	6.310	99	985401	138.498	ng	0.00
23) Nitrobenzene-d5	7.239	82	639888	83.980	ng	-0.01
42) 2,4,6-Tribromophenol	10.498	330	321547	160.096	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1218029	84.618	ng	0.00
79) Terphenyl-d14	12.774	244	1345665	95.527	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.239	70	88443	18.422	ng	# 74
25) Isophorone	7.239	82	639881	52.104	ng	# 66
50) Dimethylphthalate	9.710	163	38830	2.682	ng	# 1
51) 2,6-Dinitrotoluene	9.704	165	26892	8.881	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	26892	6.949	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	19438	4.796	ng	# 1

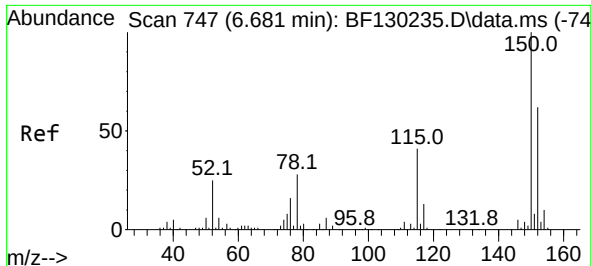
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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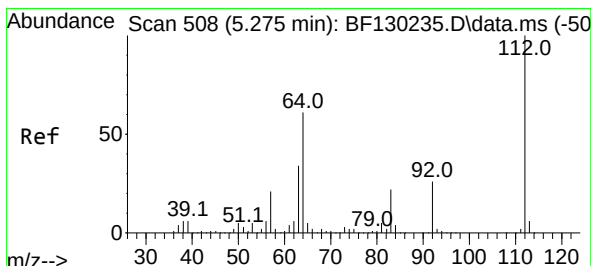
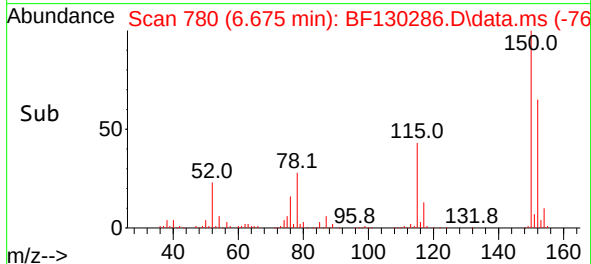
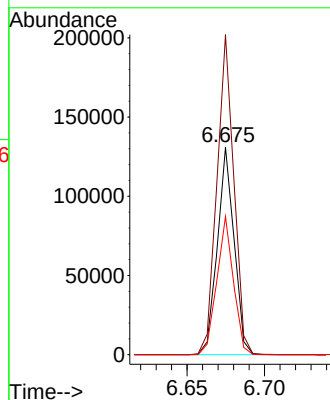
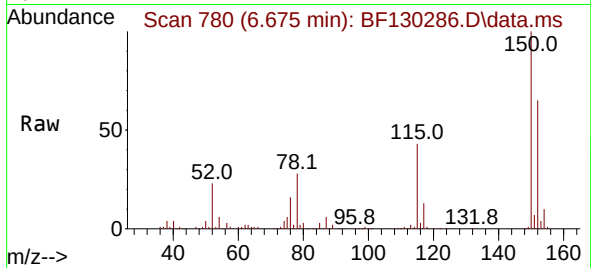




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130286.D
 Acq: 16 Sep 2022 11:44

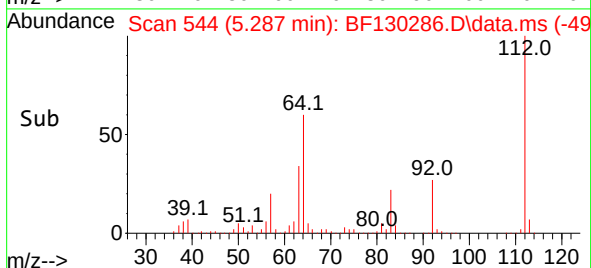
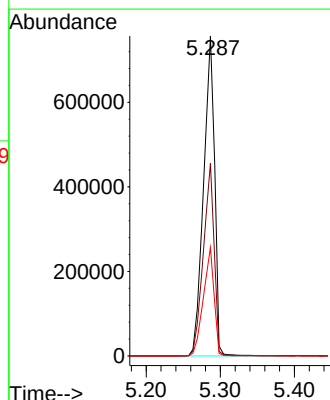
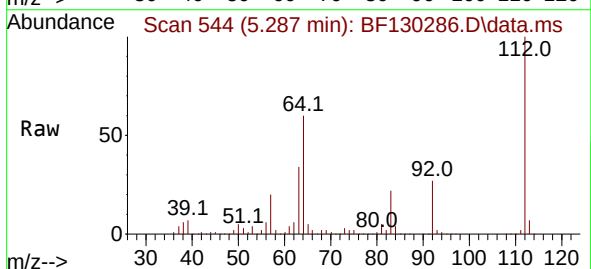
Instrument :
 BNA_F
 ClientSampleId :
 PB147653BL

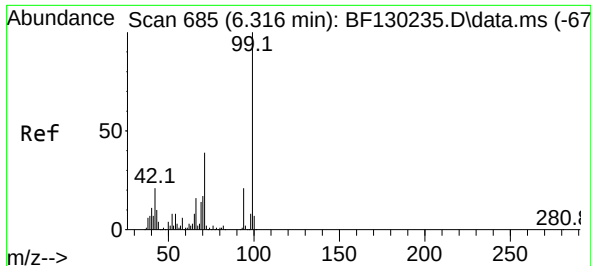
Tgt Ion:152 Resp: 98627
 Ion Ratio Lower Upper
 152 100
 150 154.2 122.8 184.2
 115 66.6 53.8 80.8



#5
 2-Fluorophenol
 Concen: 138.192 ng
 RT: 5.287 min Scan# 544
 Delta R.T. 0.012 min
 Lab File: BF130286.D
 Acq: 16 Sep 2022 11:44

Tgt Ion:112 Resp: 785800
 Ion Ratio Lower Upper
 112 100
 64 60.3 51.4 77.0
 63 33.9 28.8 43.2

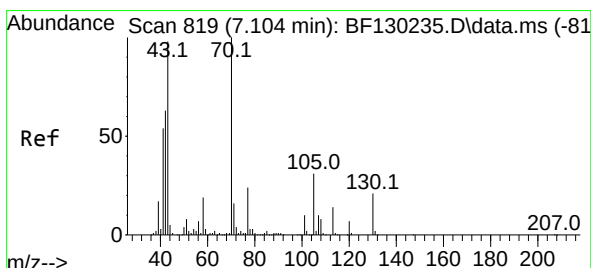
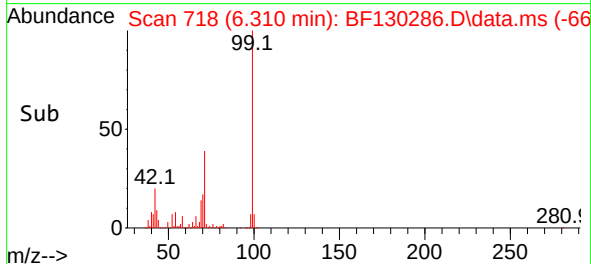
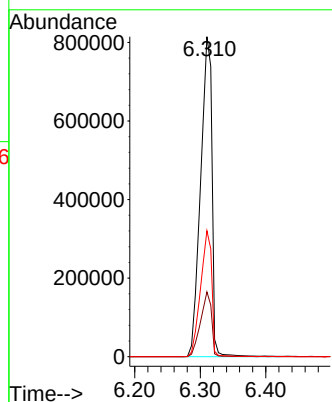
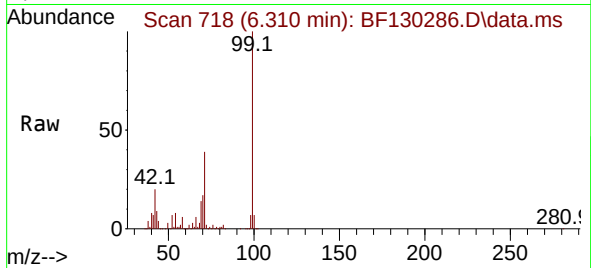




#7
Phenol-d6
Concen: 138.498 ng
RT: 6.310 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

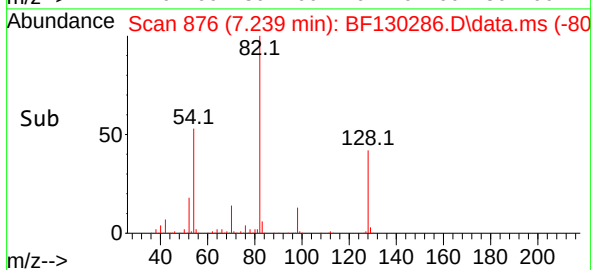
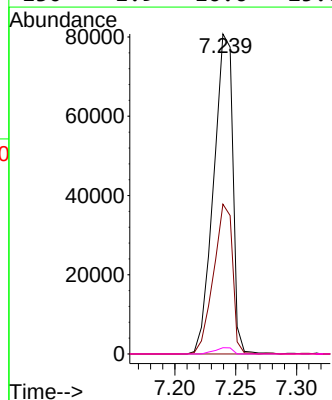
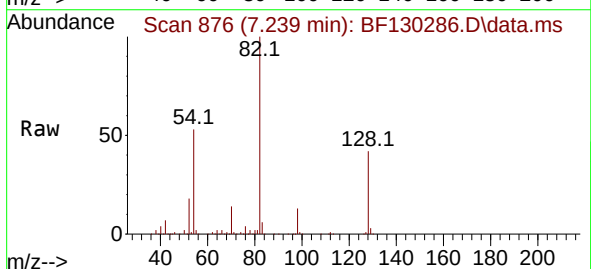
Instrument :
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ClientSampleId :
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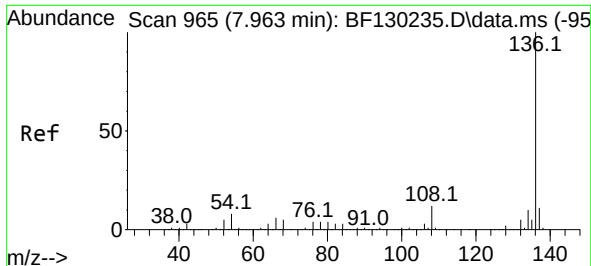
Tgt Ion: 99 Resp: 985401
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 39.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.422 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.135 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

Tgt Ion: 70 Resp: 88443
Ion Ratio Lower Upper
70 100
42 46.8 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

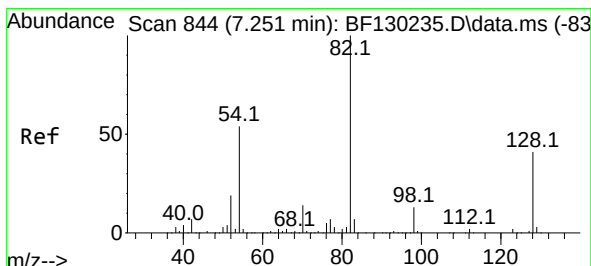
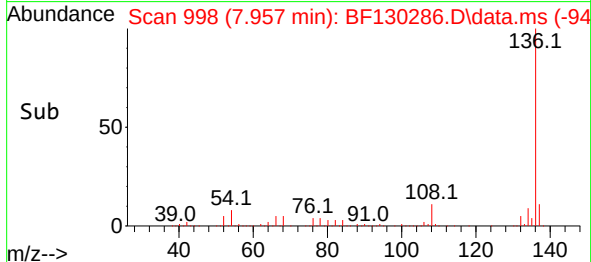
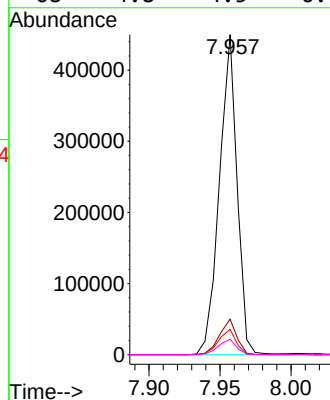
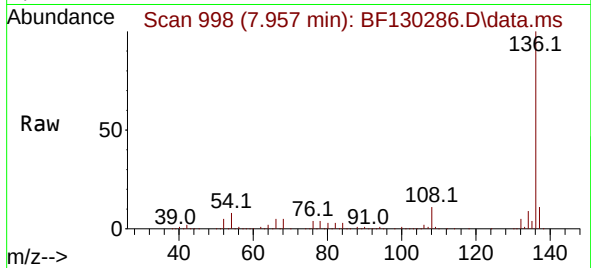




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

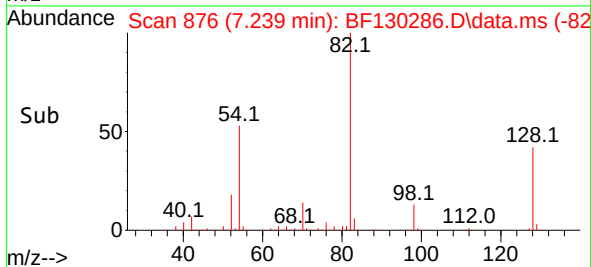
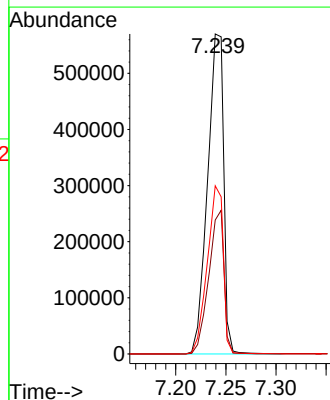
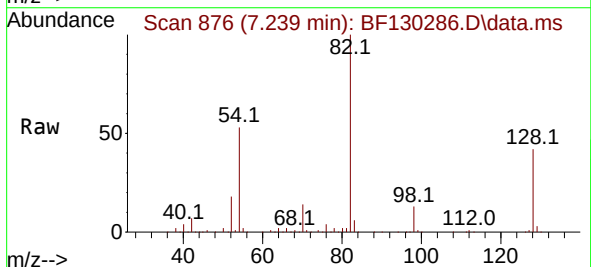
Instrument :
BNA_F
ClientSampleId :
PB147653BL

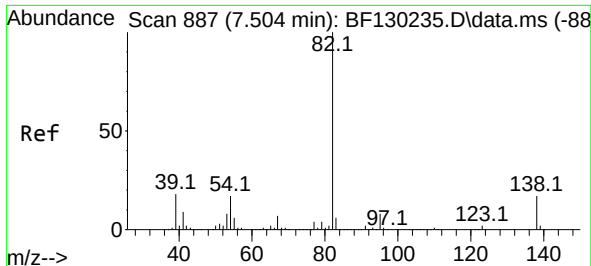
Tgt Ion:136 Resp: 389272
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.9 7.1 10.7
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 83.980 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

Tgt Ion: 82 Resp: 639888
Ion Ratio Lower Upper
82 100
128 41.9 32.6 49.0
54 52.5 43.8 65.6

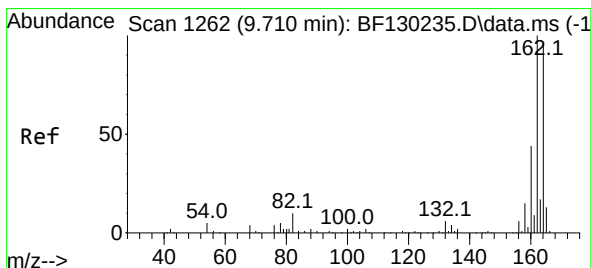
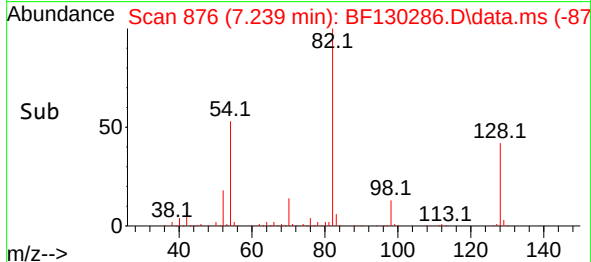
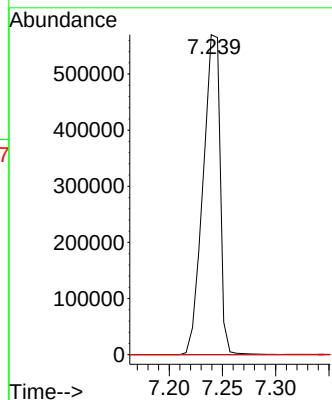
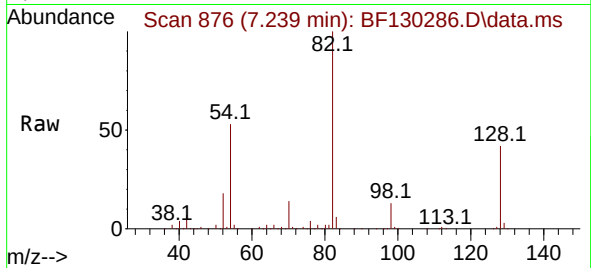




#25
Isophorone
Concen: 52.104 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

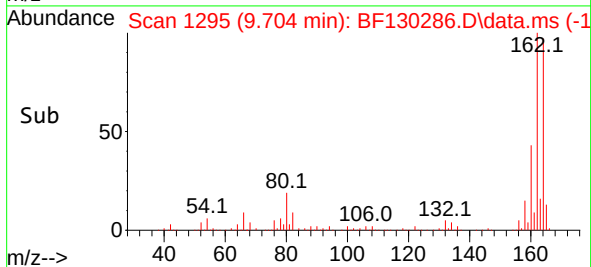
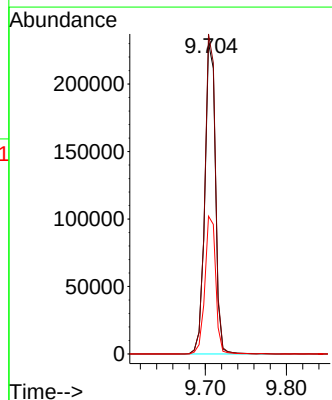
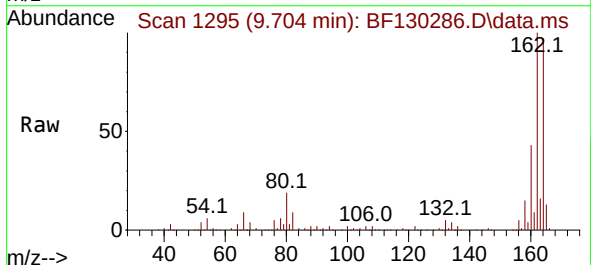
Instrument :
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ClientSampleId :
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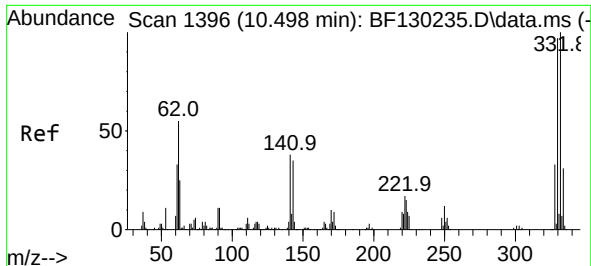
Tgt Ion: 82 Resp: 639881
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

Tgt Ion:164 Resp: 209610
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.3 36.2 54.4

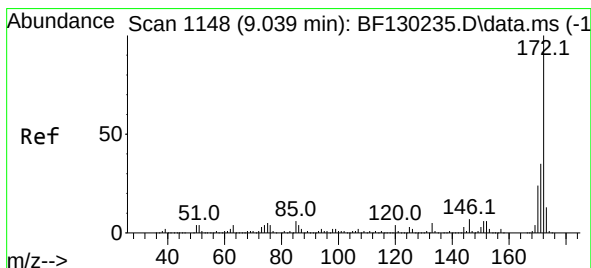
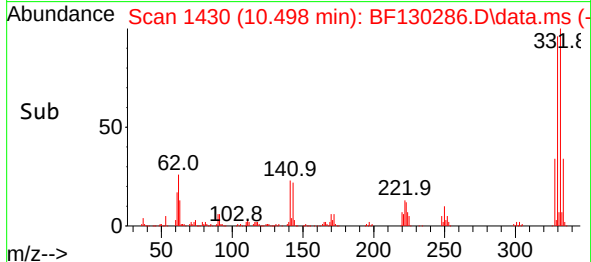
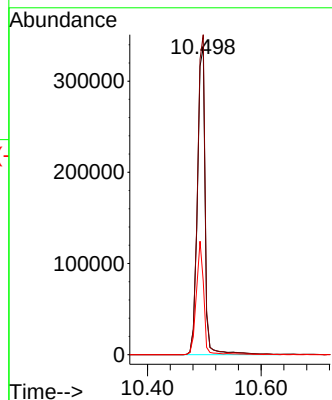
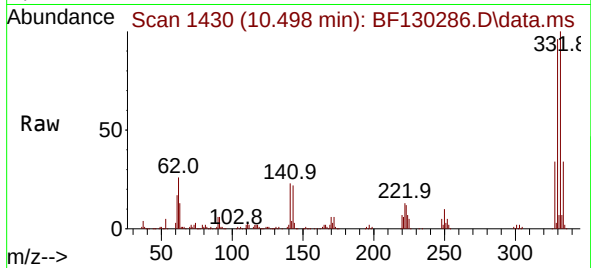




#42
2,4,6-Tribromophenol
Concen: 160.096 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

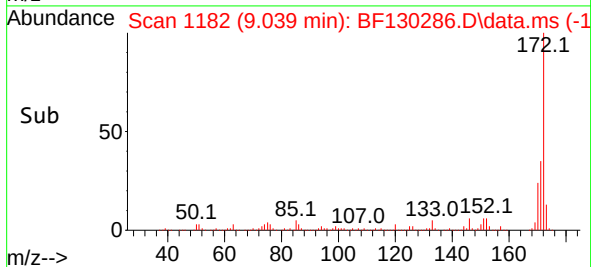
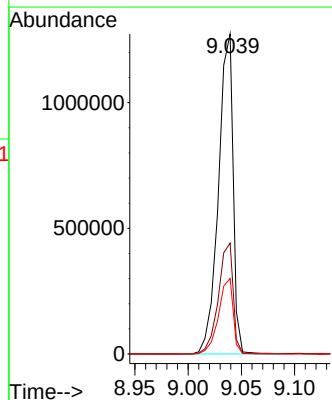
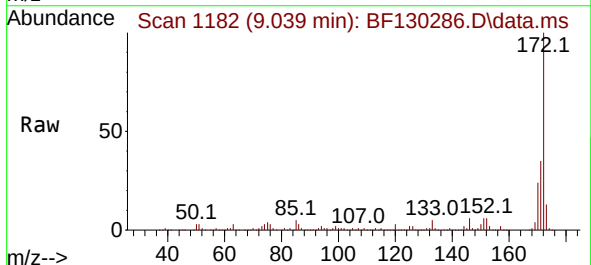
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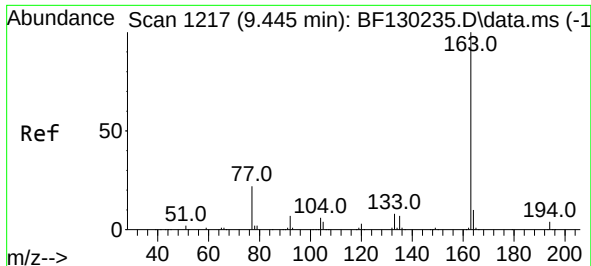
Tgt Ion:330 Resp: 321547
Ion Ratio Lower Upper
330 100
332 101.3 83.4 125.2
141 34.6 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 84.618 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

Tgt Ion:172 Resp: 1218029
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.6 18.7 28.1

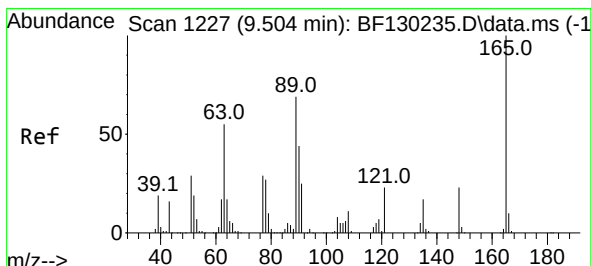
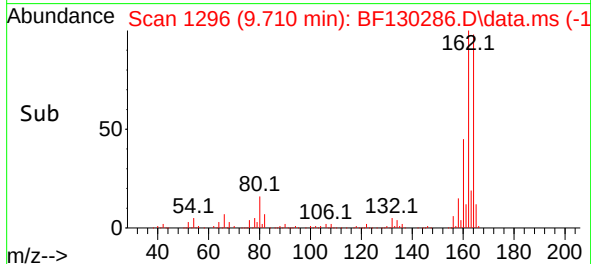
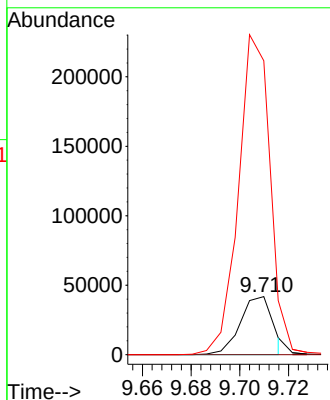
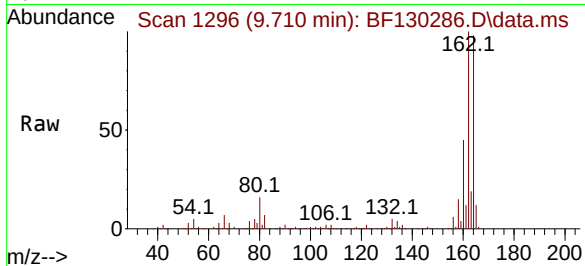




#50
Dimethylphthalate
Concen: 2.682 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.265 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

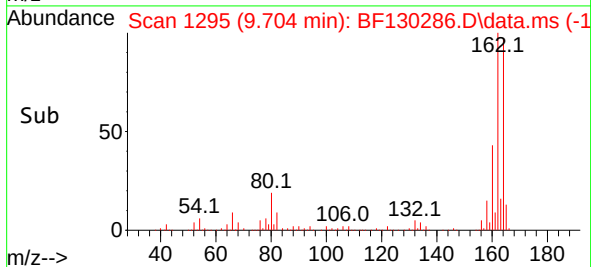
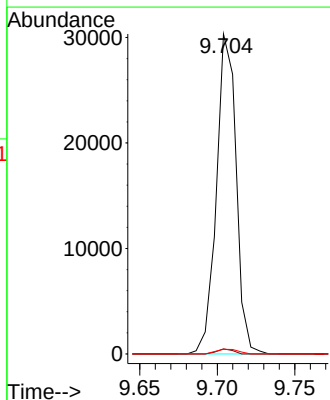
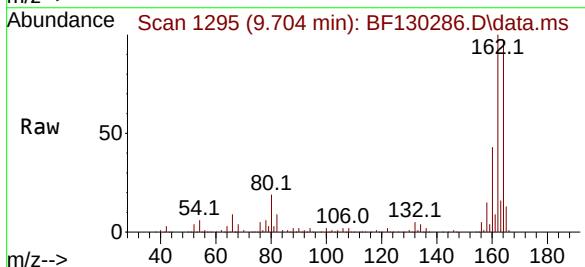
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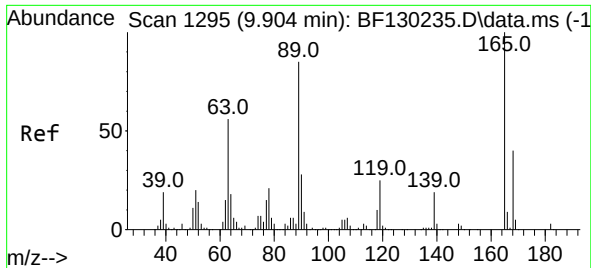
Tgt Ion:163 Resp: 38830
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 505.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.881 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

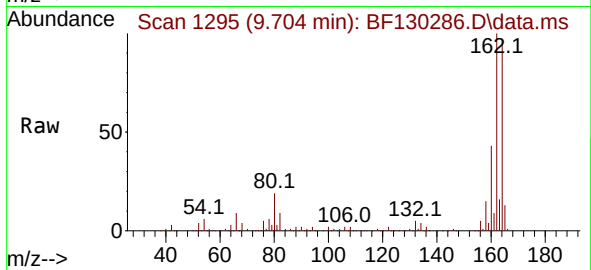
Tgt Ion:165 Resp: 26892
Ion Ratio Lower Upper
165 100
63 1.6 58.8 88.2#
89 1.4 54.5 81.7#



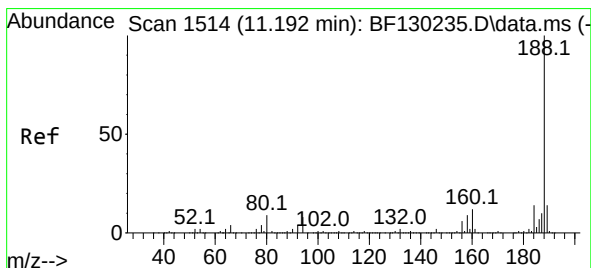
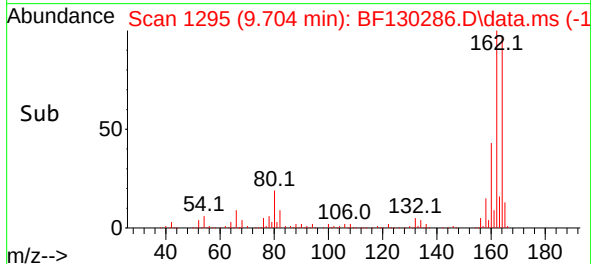
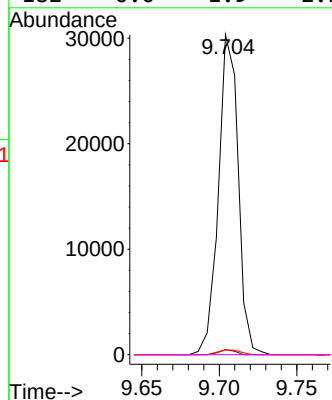


#57
2,4-Dinitrotoluene
Concen: 6.949 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

Instrument :
BNA_F
ClientSampleId :
PB147653BL

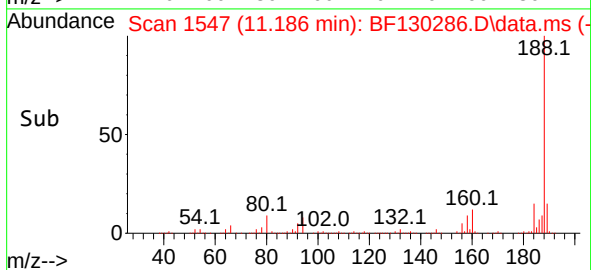
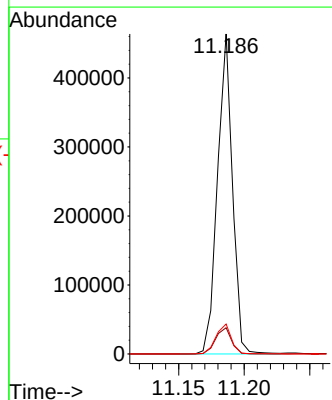
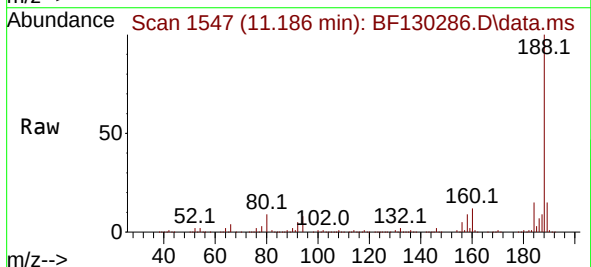


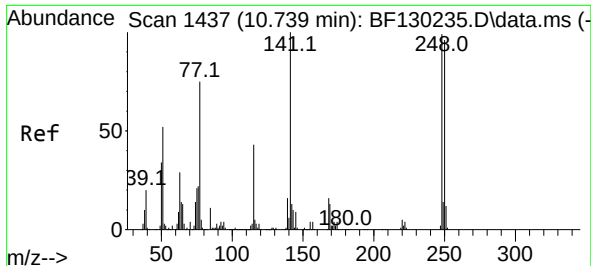
Tgt Ion:165 Resp: 26892
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

Tgt Ion:188 Resp: 367434
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.4 7.9 11.9

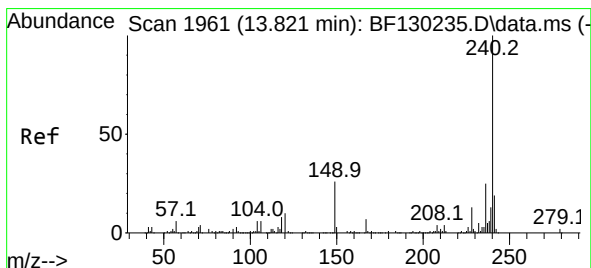
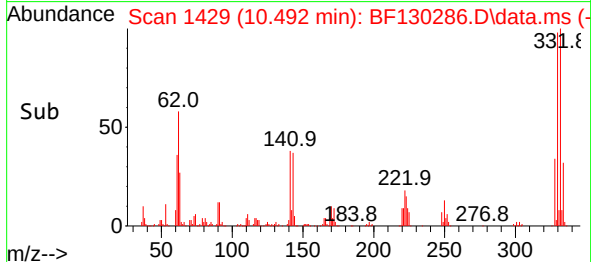
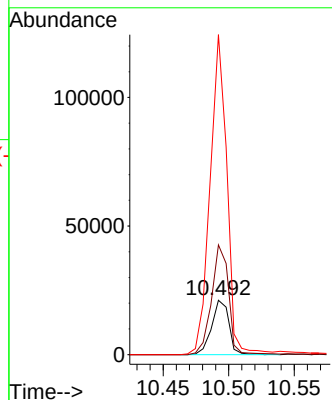
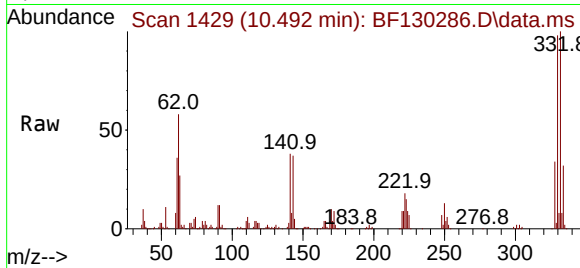




#67
4-Bromophenyl-phenylether
Concen: 4.796 ng
RT: 10.492 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

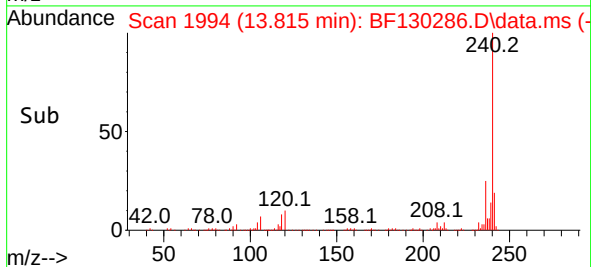
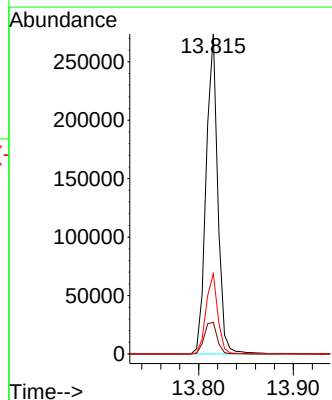
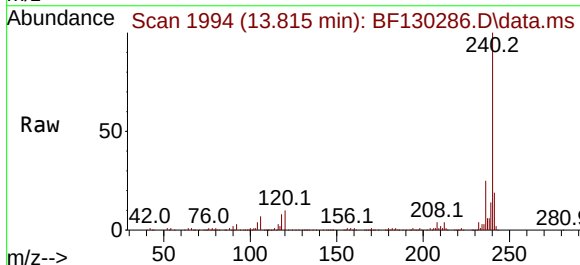
Instrument :
BNA_F
ClientSampleId :
PB147653BL

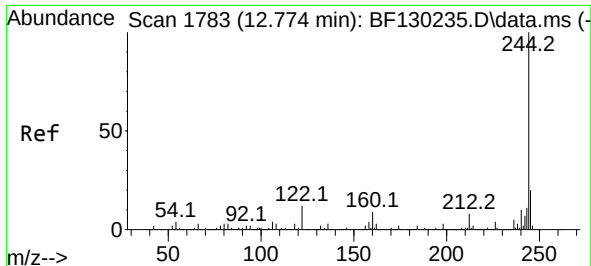
Tgt Ion:248 Resp: 19438
Ion Ratio Lower Upper
248 100
250 201.9 80.0 120.0#
141 588.3 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.815 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BF130286.D
Acq: 16 Sep 2022 11:44

Tgt Ion:240 Resp: 233346
Ion Ratio Lower Upper
240 100
120 9.9 8.7 13.1
236 25.1 20.9 31.3

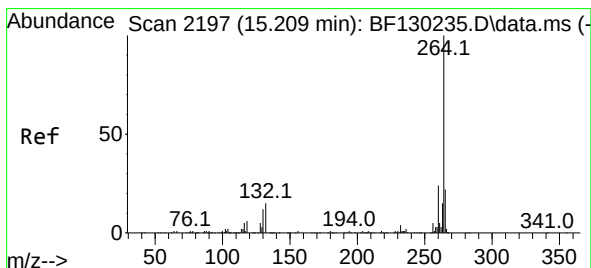
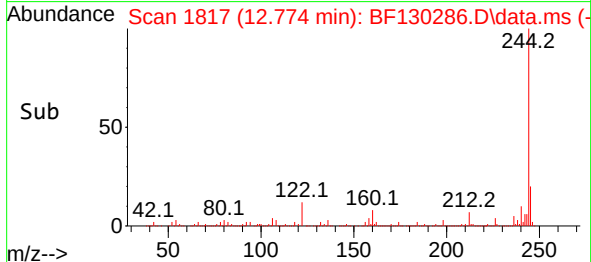
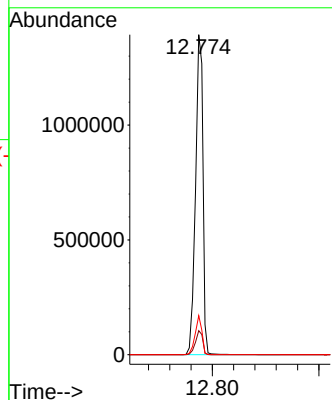
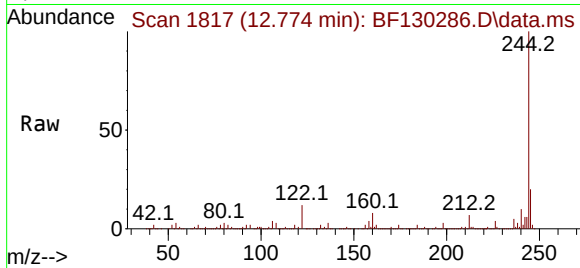




#79
 Terphenyl-d14
 Concen: 95.527 ng
 RT: 12.774 min Scan# 1783
 Delta R.T. 0.000 min
 Lab File: BF130286.D
 Acq: 16 Sep 2022 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB147653BL

Tgt Ion:244 Resp: 1345665
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 12.2 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: BF130286.D
 Acq: 16 Sep 2022 11:44

Tgt Ion:264 Resp: 170918
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.3 17.0 25.4

