

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130284.D
 Acq On : 16 Sep 2022 10:43
 Operator : CG\JU
 Sample : PB147633BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147633BL

Quant Time: Sep 17 02:29:01 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)

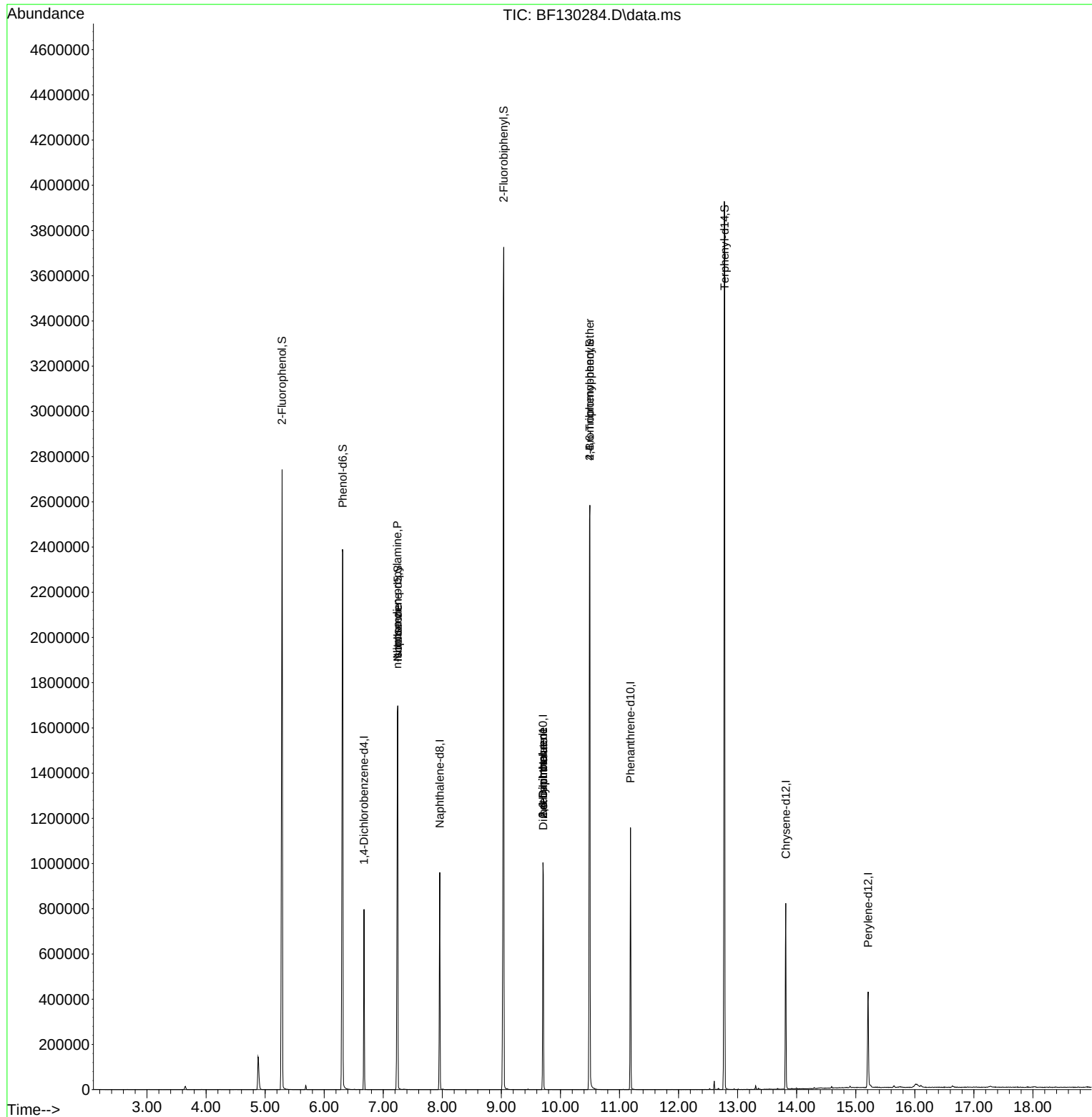
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	99450	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	393928	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	212155	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	379256	20.000	ng	0.00
76) Chrysene-d12	13.815	240	258330	20.000	ng	0.00
86) Perylene-d12	15.209	264	184729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	804737	140.351	ng	0.01
7) Phenol-d6	6.316	99	1002371	139.718	ng	0.00
23) Nitrobenzene-d5	7.245	82	641492	83.195	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	329834	162.252	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1220418	83.767	ng	0.00
79) Terphenyl-d14	12.780	244	1440283	92.355	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.239	70	87622	18.100	ng	# 74
25) Isophorone	7.245	82	640503	51.538	ng	# 66
50) Dimethylphthalate	9.710	163	39910	2.723	ng	# 1
51) 2,6-Dinitrotoluene	9.704	165	27591	9.002	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	27591	7.044	ng	# 16
67) 4-Bromophenyl-phenylether	10.498	248	20994	5.018	ng	# 1

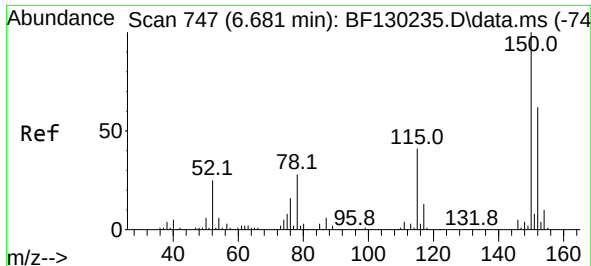
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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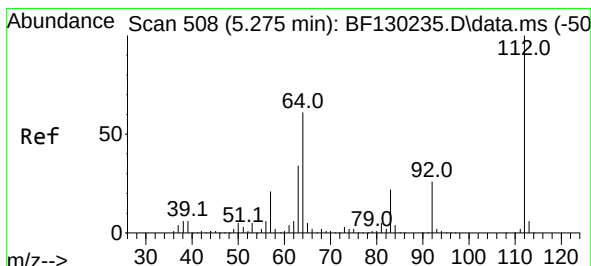
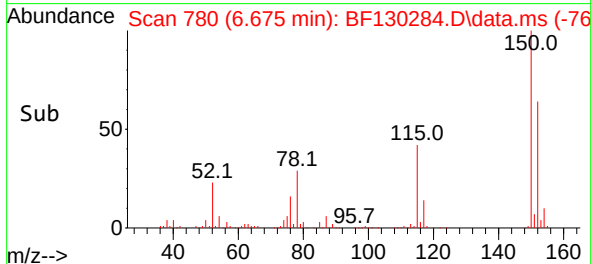
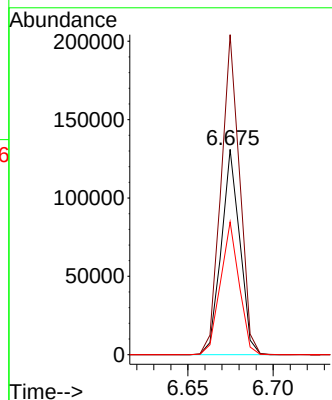
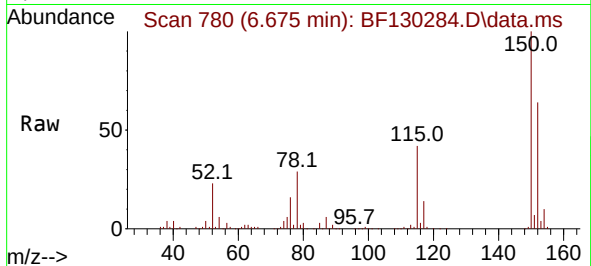




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130284.D
 Acq: 16 Sep 2022 10:43

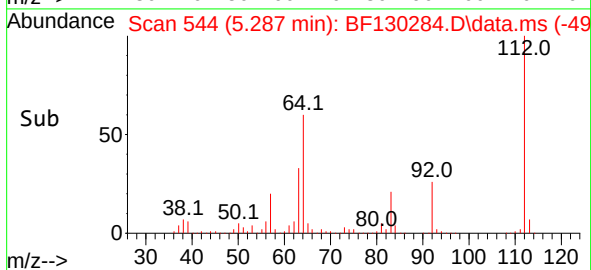
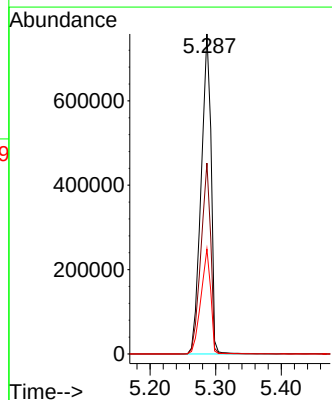
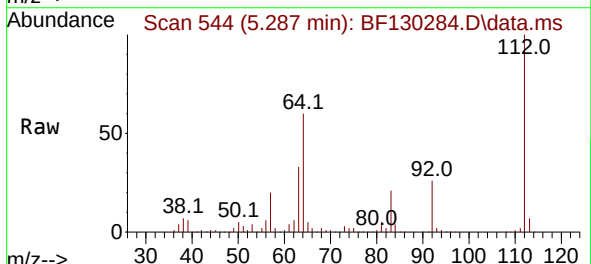
Instrument :
 BNA_F
 ClientSampleId :
 PB147633BL

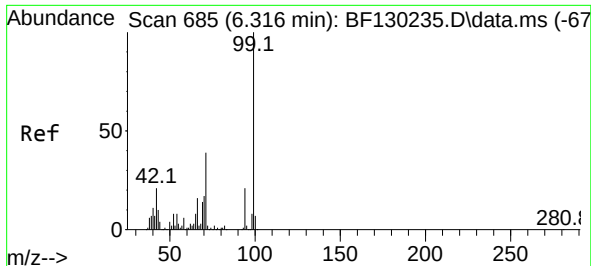
Tgt Ion:152 Resp: 99450
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.8 184.2
 115 64.7 53.8 80.8



#5
 2-Fluorophenol
 Concen: 140.351 ng
 RT: 5.287 min Scan# 544
 Delta R.T. 0.012 min
 Lab File: BF130284.D
 Acq: 16 Sep 2022 10:43

Tgt Ion:112 Resp: 804737
 Ion Ratio Lower Upper
 112 100
 64 59.7 51.4 77.0
 63 32.8 28.8 43.2

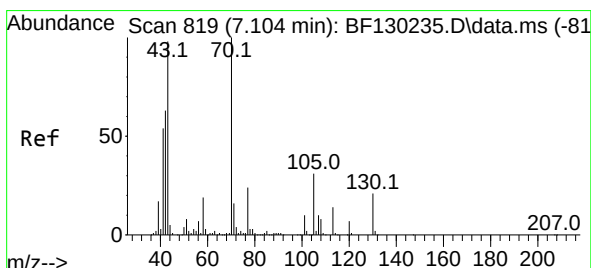
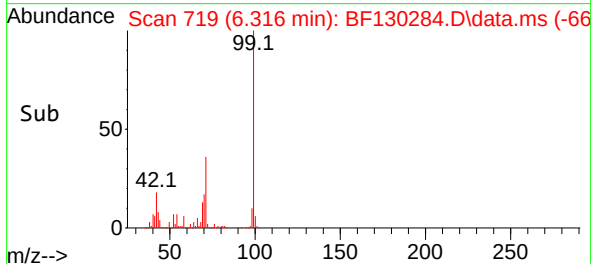
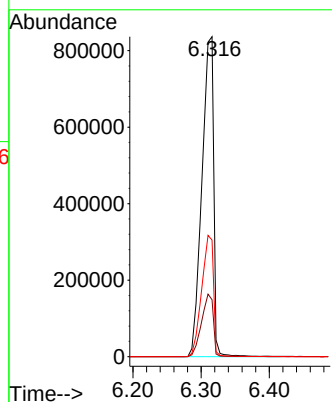
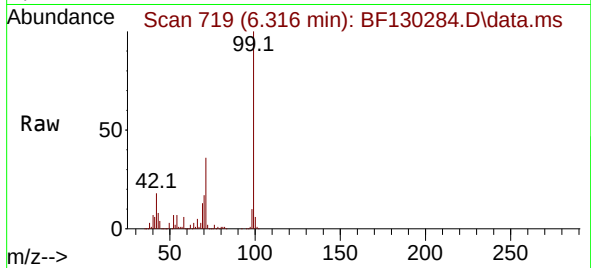




#7
Phenol-d6
Concen: 139.718 ng
RT: 6.316 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43

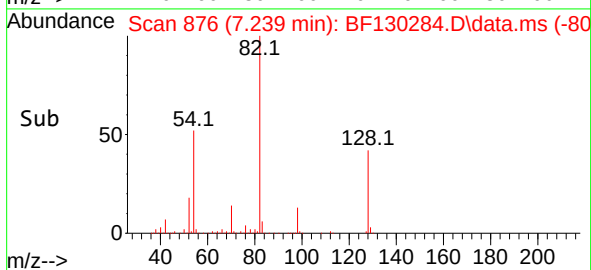
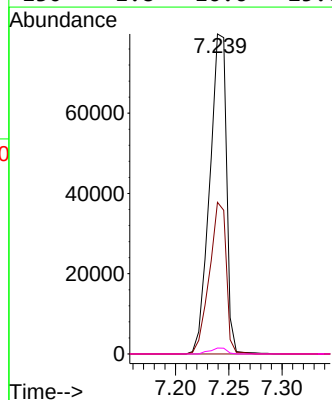
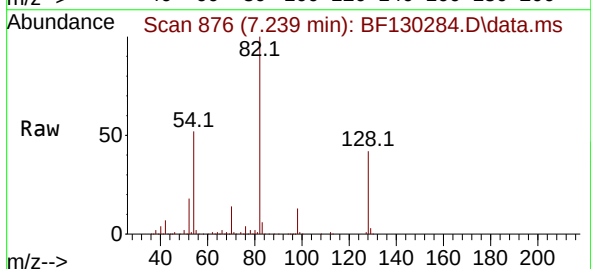
Instrument :
BNA_F
ClientSampleId :
PB147633BL

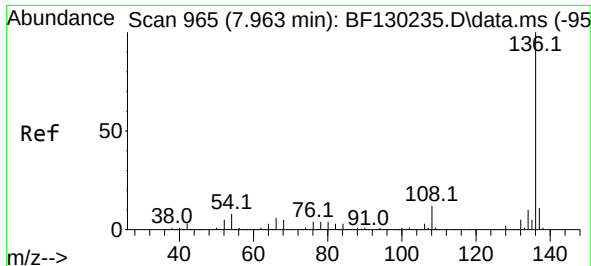
Tgt Ion: 99 Resp: 1002371
Ion Ratio Lower Upper
99 100
42 17.8 17.0 25.6
71 36.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.100 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.135 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43

Tgt Ion: 70 Resp: 87622
Ion Ratio Lower Upper
70 100
42 47.4 50.8 76.2#
101 0.0 8.2 12.4#
130 1.8 16.6 25.0#



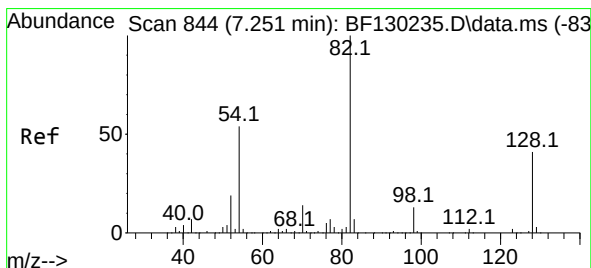
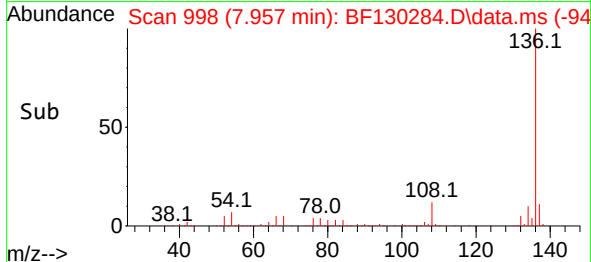
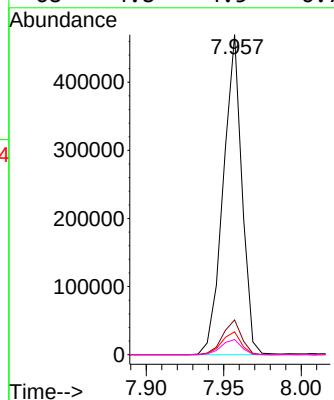
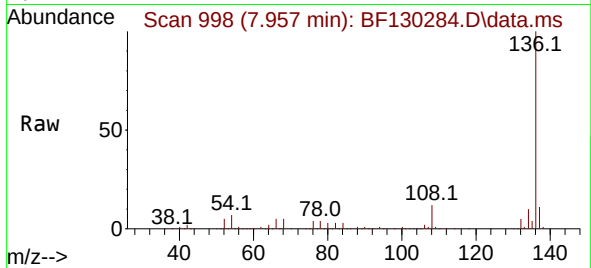


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43

Instrument :
BNA_F
ClientSampleId :
PB147633BL

Tgt Ion:136 Resp: 393928

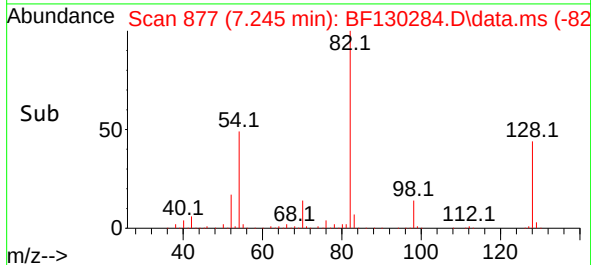
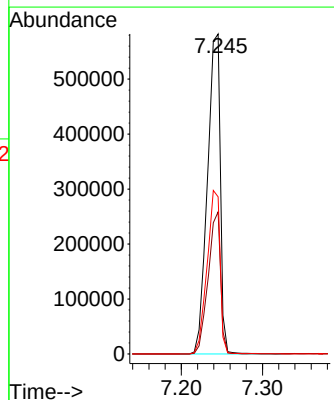
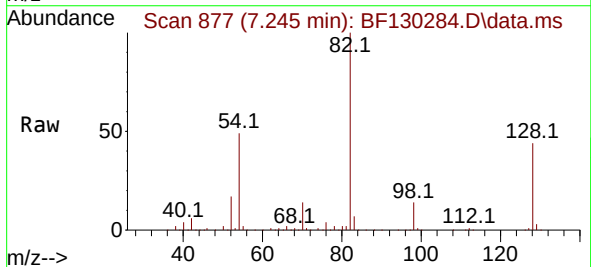
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.2	7.1	10.7
68	4.8	4.5	6.7

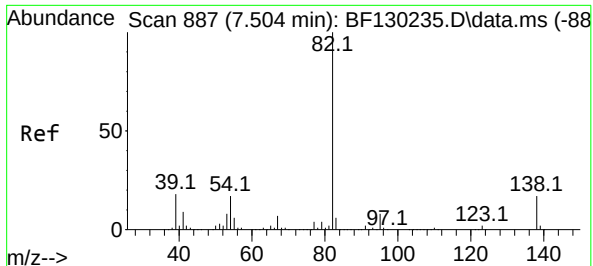


#23
Nitrobenzene-d5
Concen: 83.195 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43

Tgt Ion: 82 Resp: 641492

Ion	Ratio	Lower	Upper
82	100		
128	44.4	32.6	49.0
54	49.1	43.8	65.6

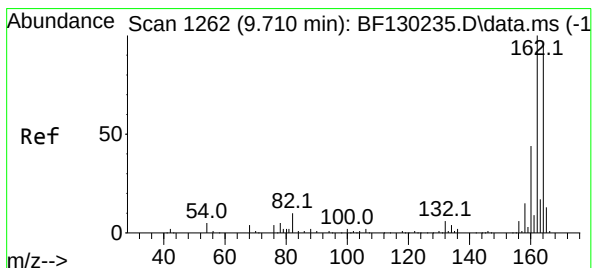
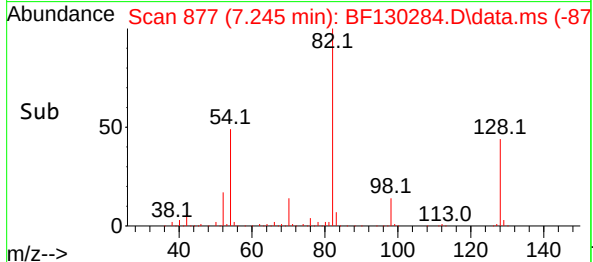
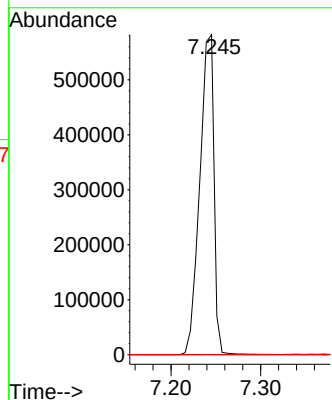
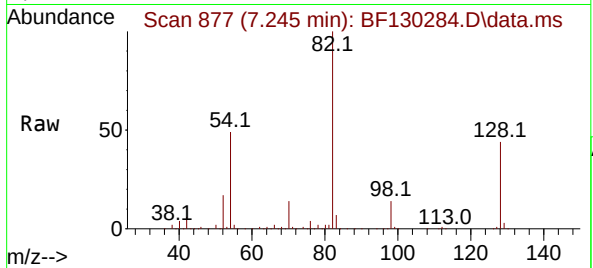




#25
Isophorone
Concen: 51.538 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43

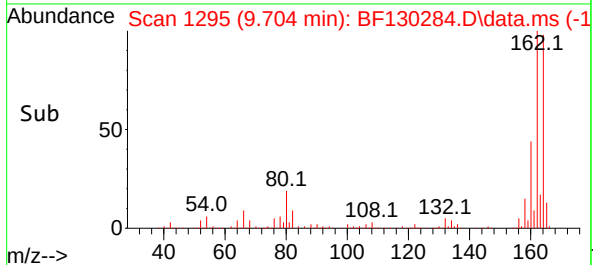
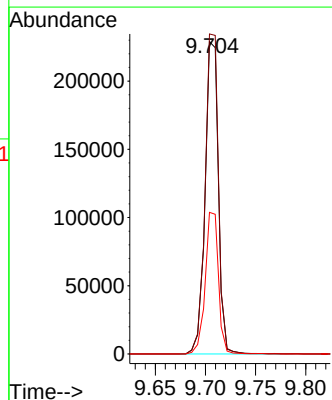
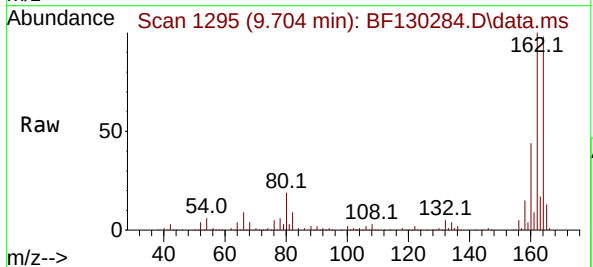
Instrument :
BNA_F
ClientSampleId :
PB147633BL

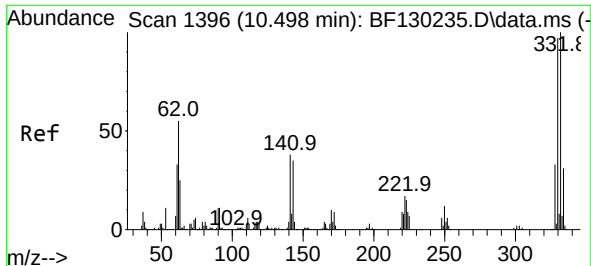
Tgt Ion: 82 Resp: 640503
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43

Tgt Ion: 164 Resp: 212155
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 45.3 36.2 54.4

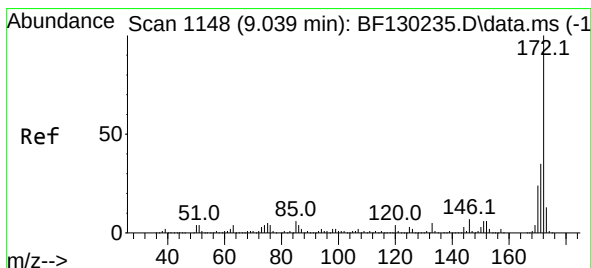
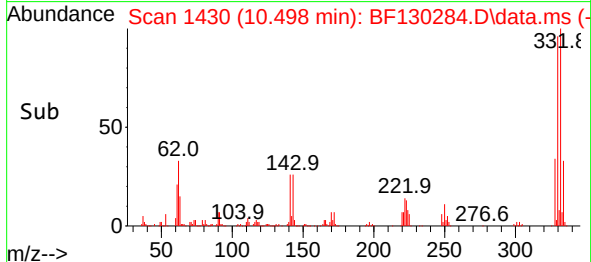
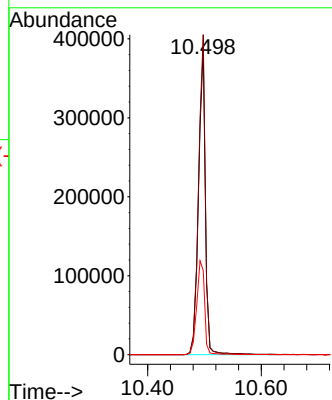
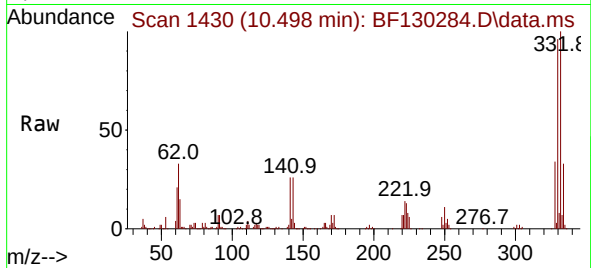




#42
2,4,6-Tribromophenol
Concen: 162.252 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43

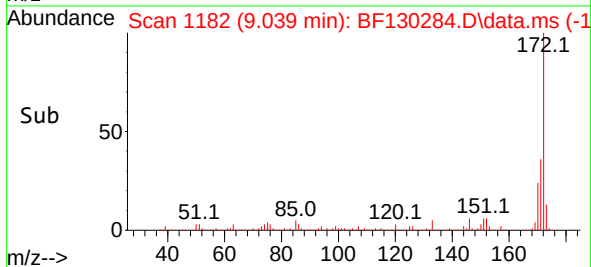
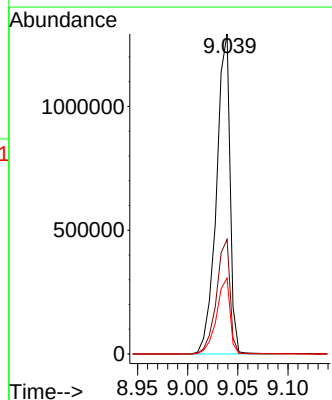
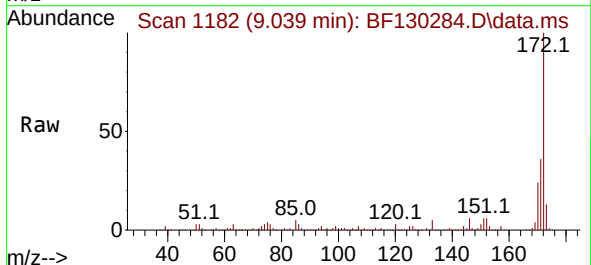
Instrument :
BNA_F
ClientSampleId :
PB147633BL

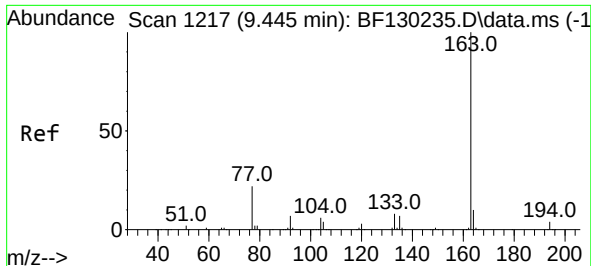
Tgt Ion:330 Resp: 329834
Ion Ratio Lower Upper
330 100
332 103.7 83.4 125.2
141 35.3 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 83.767 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43

Tgt Ion:172 Resp: 1220418
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.7 18.7 28.1

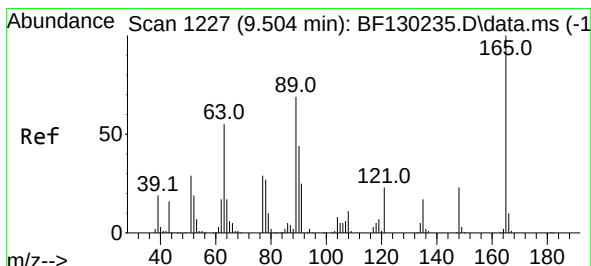
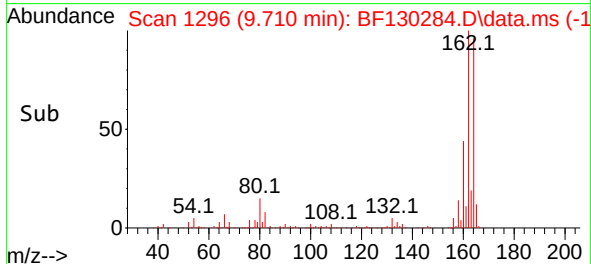
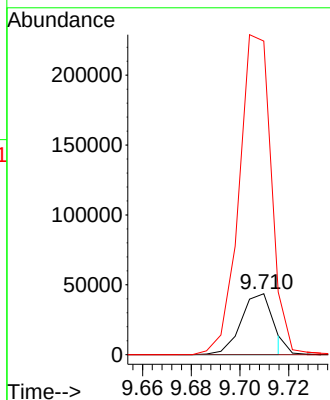
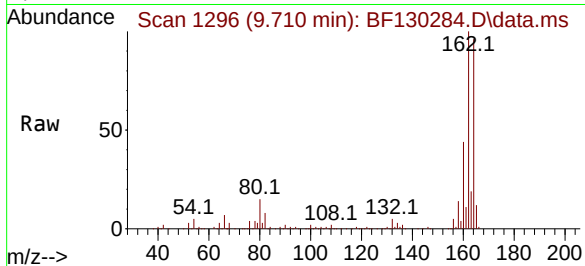




#50
Dimethylphthalate
Concen: 2.723 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.265 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43

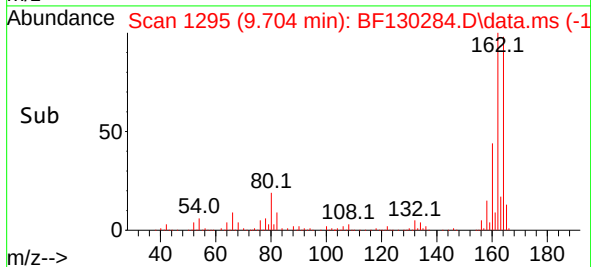
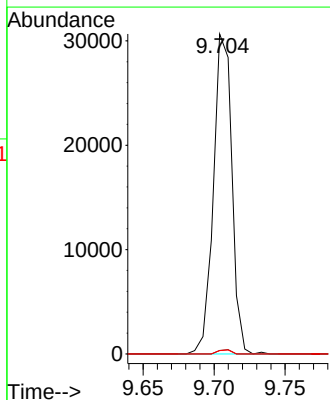
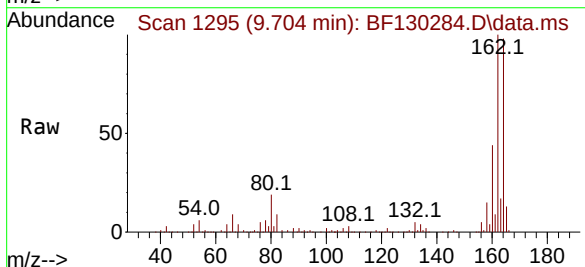
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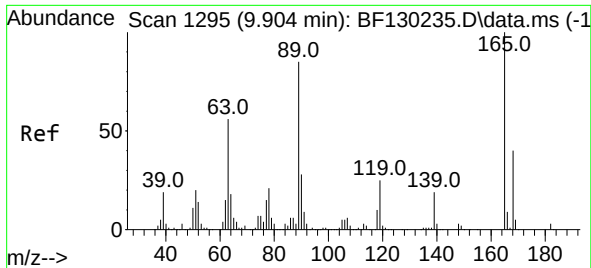
Tgt Ion:163 Resp: 39910
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 514.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.002 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43

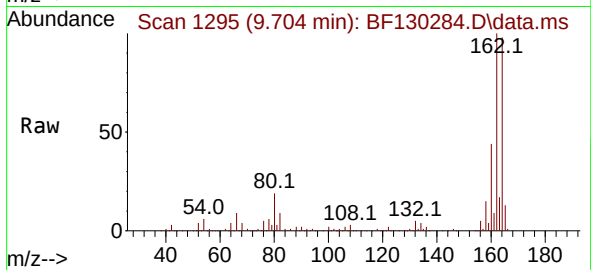
Tgt Ion:165 Resp: 27591
Ion Ratio Lower Upper
165 100
63 1.1 58.8 88.2#
89 1.1 54.5 81.7#



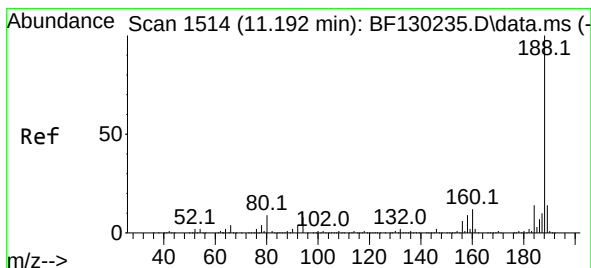
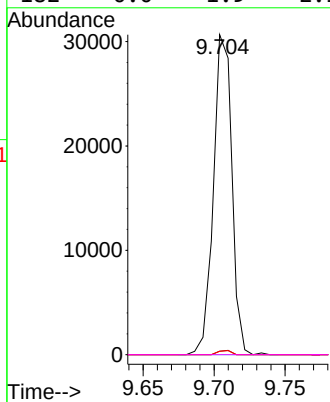
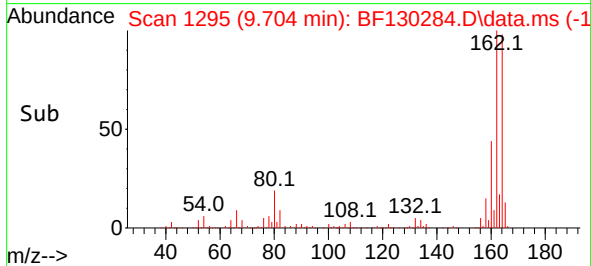


#57
2,4-Dinitrotoluene
Concen: 7.044 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43

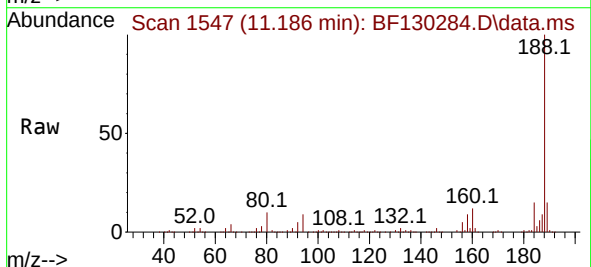
Instrument :
BNA_F
ClientSampleId :
PB147633BL



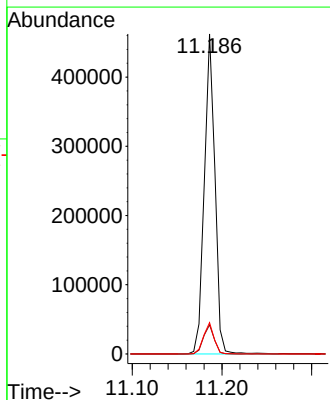
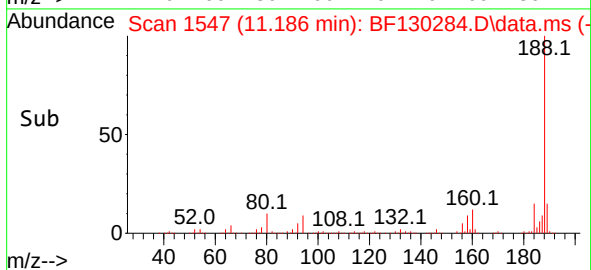
Tgt Ion:165	Resp:	27591
Ion	Ratio	Lower Upper
165	100	
63	1.1	44.7 67.1#
89	1.1	69.0 103.4#
182	0.0	1.9 2.9#

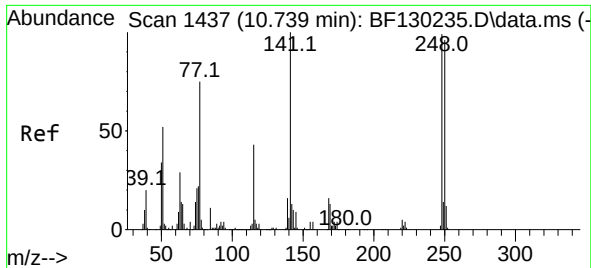


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43



Tgt Ion:188	Resp:	379256
Ion	Ratio	Lower Upper
188	100	
94	9.1	7.4 11.2
80	9.8	7.9 11.9

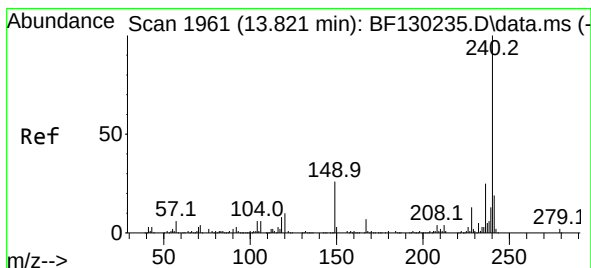
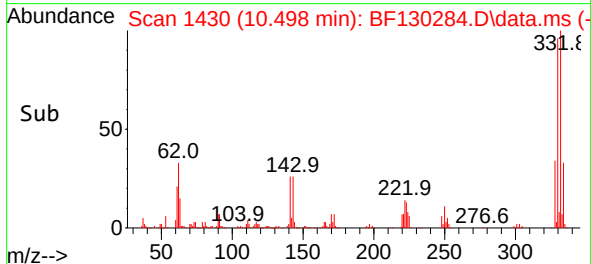
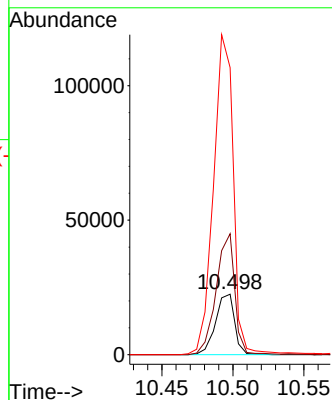
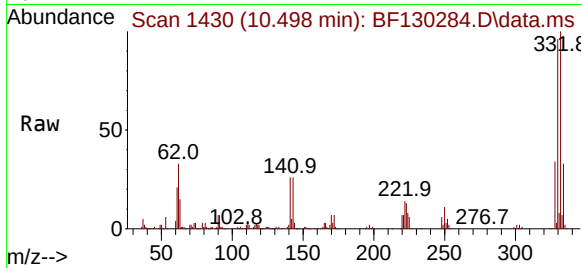




#67
4-Bromophenyl-phenylether
Concen: 5.018 ng
RT: 10.498 min Scan# 1437
Delta R.T. -0.241 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43

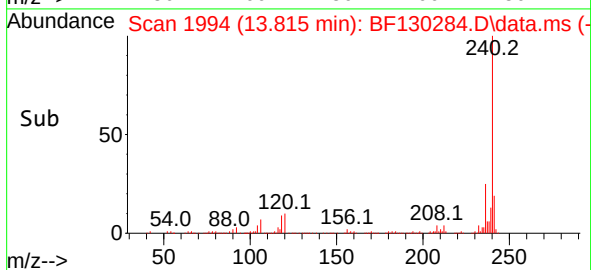
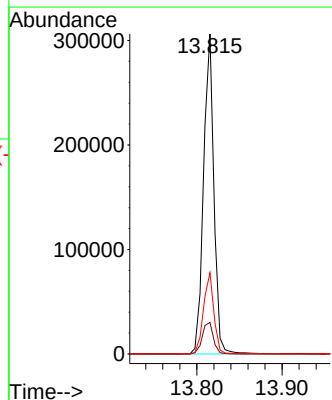
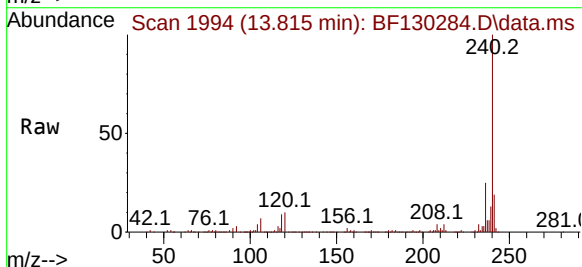
Instrument :
BNA_F
ClientSampleId :
PB147633BL

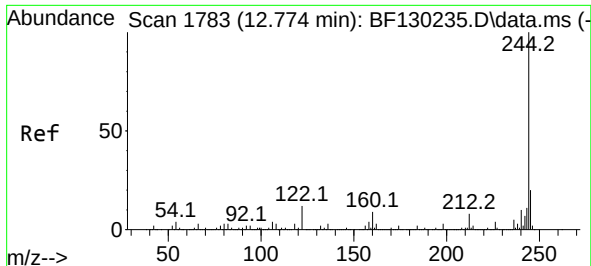
Tgt Ion:248 Resp: 20994
Ion Ratio Lower Upper
248 100
250 200.1 80.0 120.0#
141 474.6 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.815 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BF130284.D
Acq: 16 Sep 2022 10:43

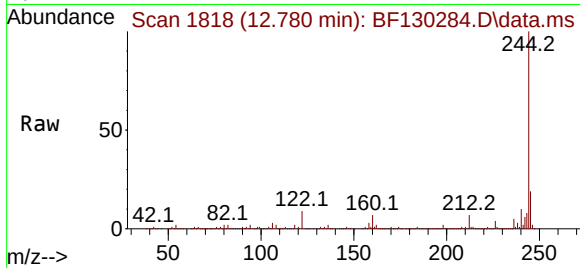
Tgt Ion:240 Resp: 258330
Ion Ratio Lower Upper
240 100
120 9.9 8.7 13.1
236 25.4 20.9 31.3





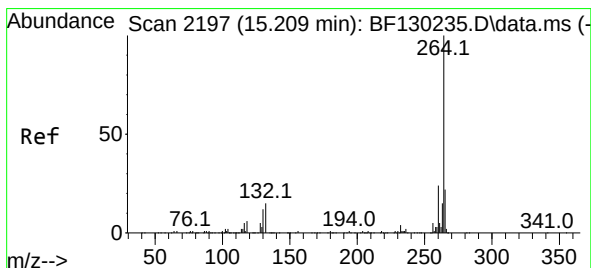
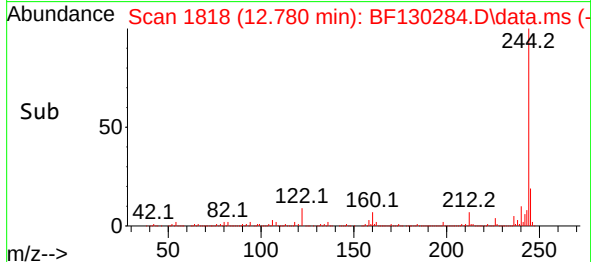
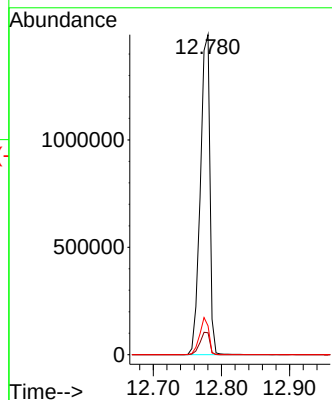
#79
 Terphenyl-d14
 Concen: 92.355 ng
 RT: 12.780 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130284.D
 Acq: 16 Sep 2022 10:43

Instrument :
 BNA_F
 ClientSampleId :
 PB147633BL



Tgt Ion:244 Resp: 1440283

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.0	8.5	12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.209 min Scan# 2231
 Delta R.T. -0.000 min
 Lab File: BF130284.D
 Acq: 16 Sep 2022 10:43

Tgt Ion:264 Resp: 184729

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	20.8	17.0	25.4

