

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130293.D
 Acq On : 16 Sep 2022 16:41
 Operator : CG\JU
 Sample : PB147667BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147667BL

Quant Time: Sep 17 03:25:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

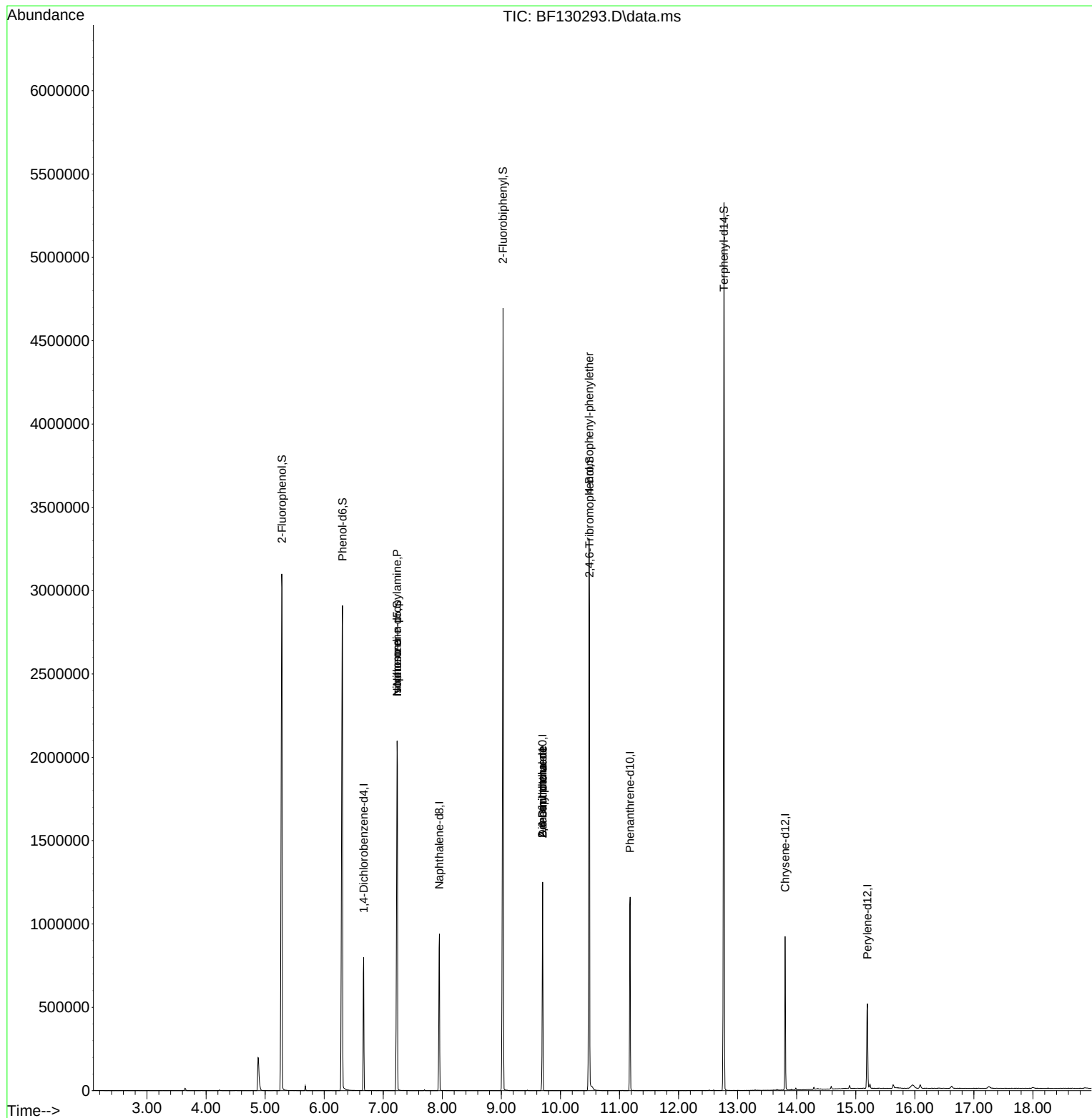
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	111895	20.000	ng	0.00
21) Naphthalene-d8	7.951	136	447387	20.000	ng	# 0.00
39) Acenaphthene-d10	9.698	164	236027	20.000	ng	0.00
64) Phenanthrene-d10	11.180	188	416603	20.000	ng	0.00
76) Chrysene-d12	13.804	240	284204	20.000	ng	0.00
86) Perylene-d12	15.198	264	208899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1056108	163.705	ng	0.02
7) Phenol-d6	6.310	99	1293893	160.293	ng	0.00
23) Nitrobenzene-d5	7.234	82	853759	97.493	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	438612	193.940	ng	0.00
45) 2-Fluorobiphenyl	9.028	172	1590467	98.125	ng	0.00
79) Terphenyl-d14	12.768	244	1943910	113.301	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.234	70	118172	21.696	ng	# 74
25) Isophorone	7.234	82	843725	59.778	ng	# 66
50) Dimethylphthalate	9.698	163	44244	2.714	ng	# 1
51) 2,6-Dinitrotoluene	9.698	165	30330	8.895	ng	# 16
57) 2,4-Dinitrotoluene	9.698	165	30330	6.960	ng	# 16
67) 4-Bromophenyl-phenylether	10.486	248	26030	5.664	ng	# 1

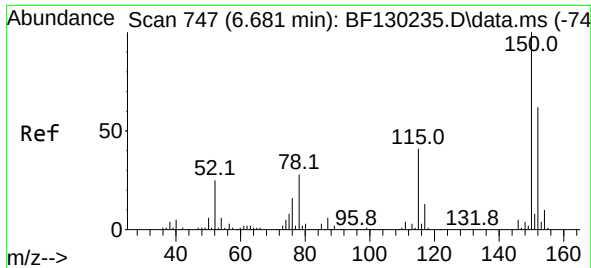
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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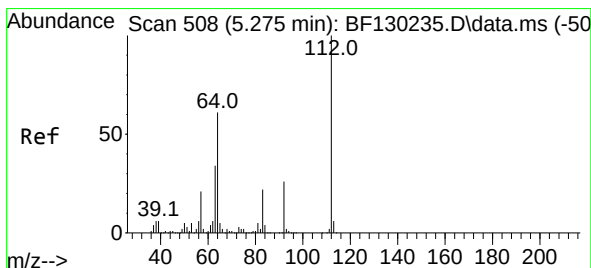
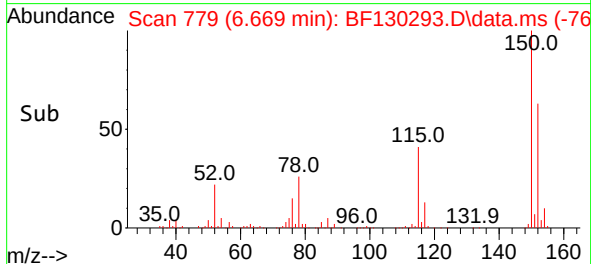
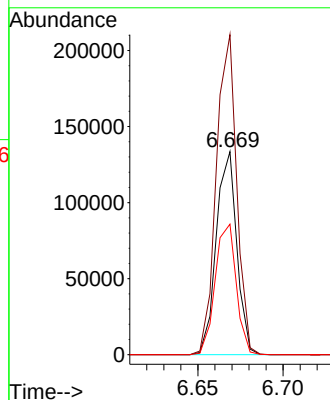
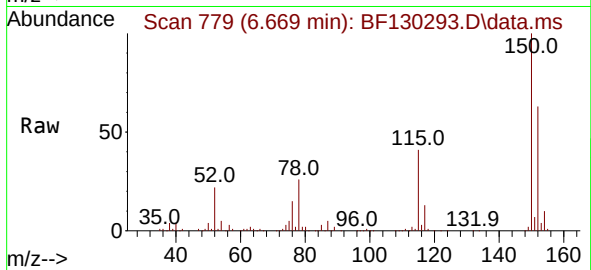




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.669 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130293.D
 Acq: 16 Sep 2022 16:41

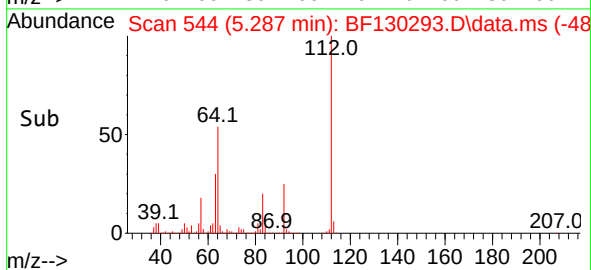
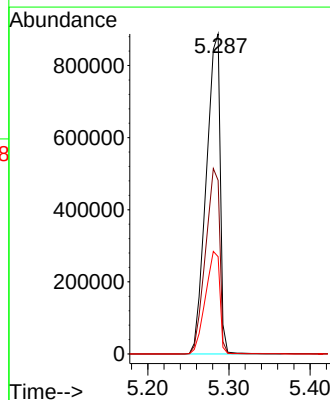
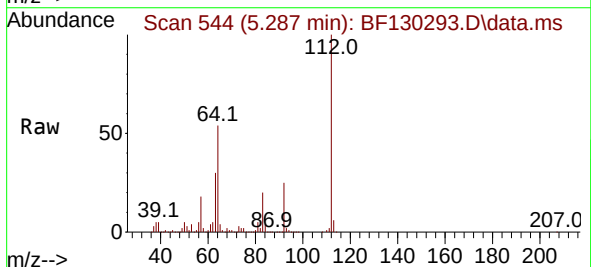
Instrument :
 BNA_F
 ClientSampleId :
 PB147667BL

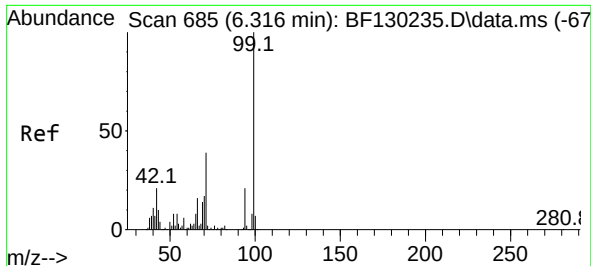
Tgt Ion:152 Resp: 111895
 Ion Ratio Lower Upper
 152 100
 150 157.5 122.8 184.2
 115 64.3 53.8 80.8



#5
 2-Fluorophenol
 Concen: 163.705 ng
 RT: 5.287 min Scan# 544
 Delta R.T. 0.024 min
 Lab File: BF130293.D
 Acq: 16 Sep 2022 16:41

Tgt Ion:112 Resp: 1056108
 Ion Ratio Lower Upper
 112 100
 64 54.3 51.4 77.0
 63 30.4 28.8 43.2

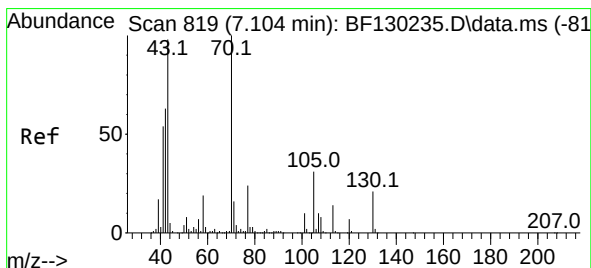
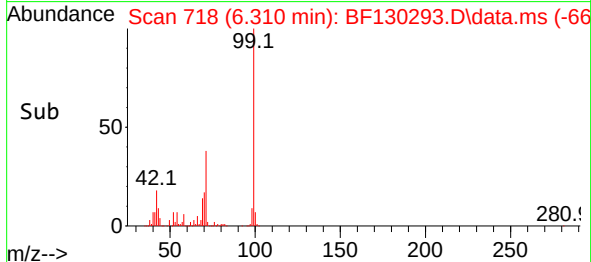
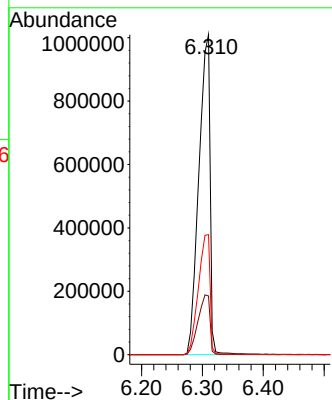
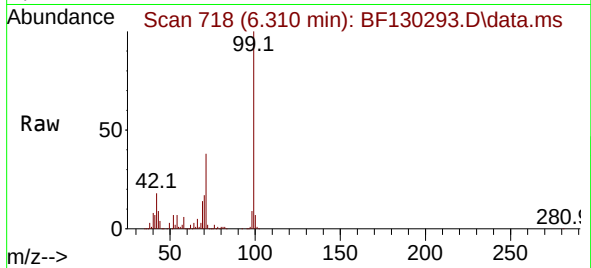




#7
Phenol-d6
Concen: 160.293 ng
RT: 6.310 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130293.D
Acq: 16 Sep 2022 16:41

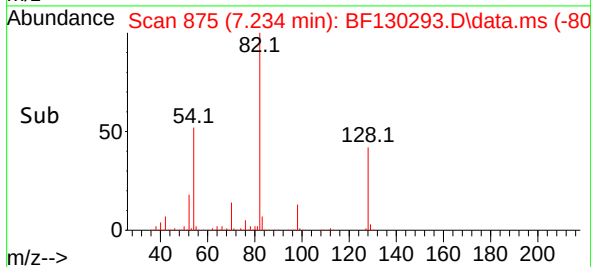
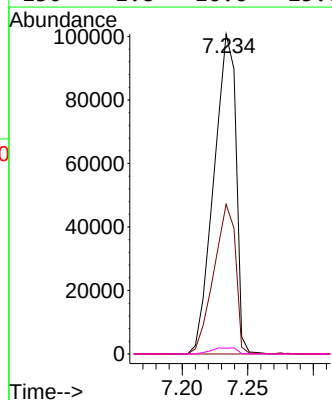
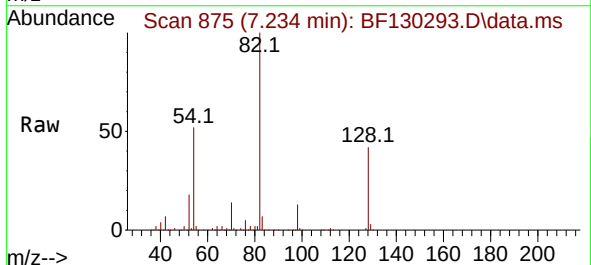
Instrument :
BNA_F
ClientSampleId :
PB147667BL

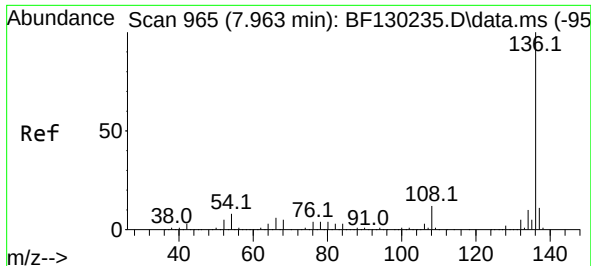
Tgt Ion: 99 Resp: 1293893
Ion Ratio Lower Upper
99 100
42 18.3 17.0 25.6
71 37.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.696 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.135 min
Lab File: BF130293.D
Acq: 16 Sep 2022 16:41

Tgt Ion: 70 Resp: 118172
Ion Ratio Lower Upper
70 100
42 46.8 50.8 76.2#
101 0.0 8.2 12.4#
130 1.8 16.6 25.0#

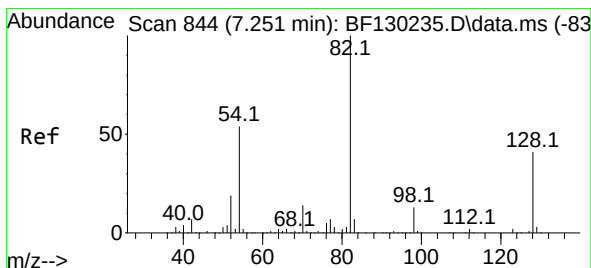
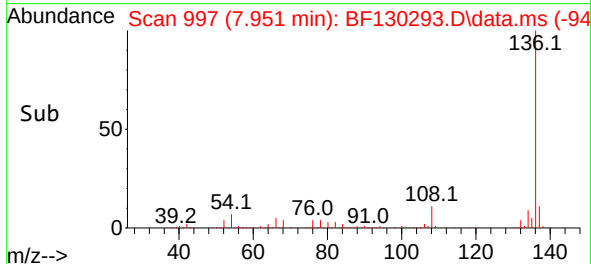
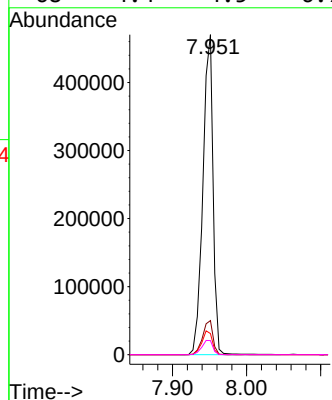
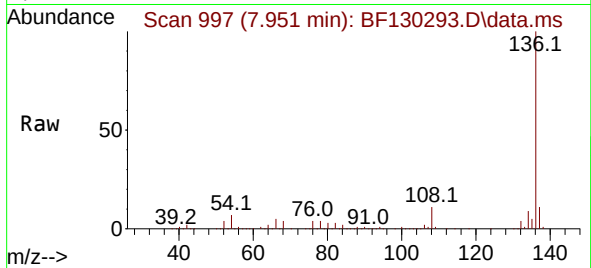




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF130293.D
Acq: 16 Sep 2022 16:41

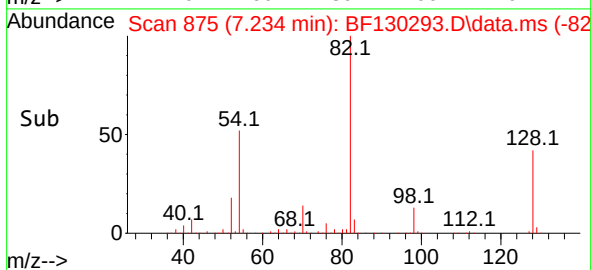
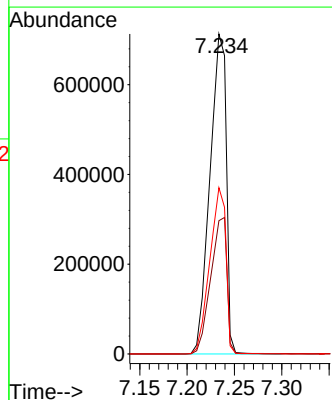
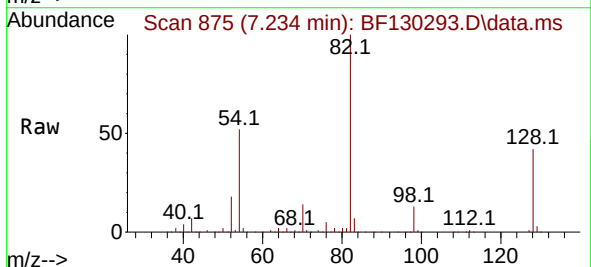
Instrument :
BNA_F
ClientSampleId :
PB147667BL

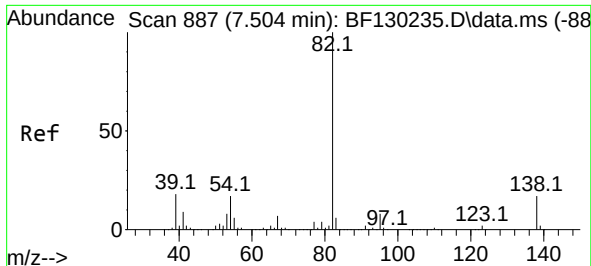
Tgt Ion:136 Resp: 447387
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.6 7.1 10.7#
68 4.4 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 97.493 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF130293.D
Acq: 16 Sep 2022 16:41

Tgt Ion: 82 Resp: 853759
Ion Ratio Lower Upper
82 100
128 41.7 32.6 49.0
54 52.0 43.8 65.6

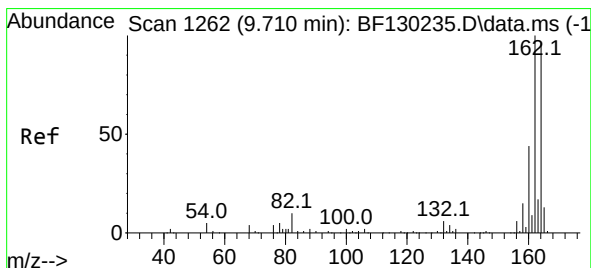
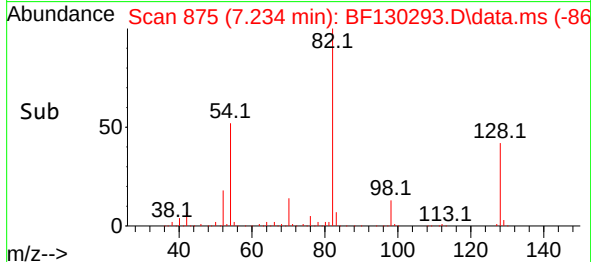
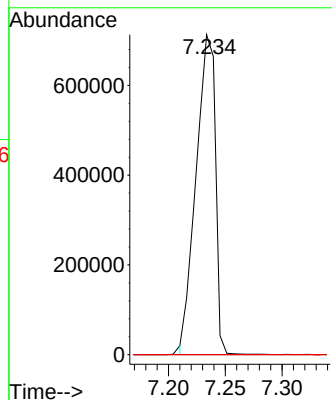
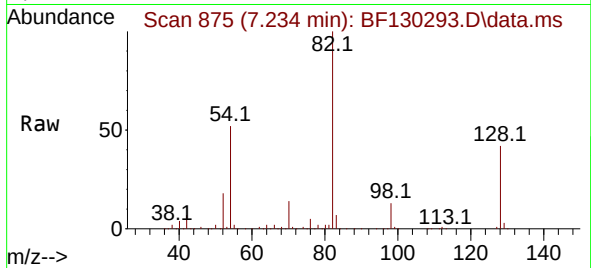




#25
Isophorone
Concen: 59.778 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130293.D
Acq: 16 Sep 2022 16:41

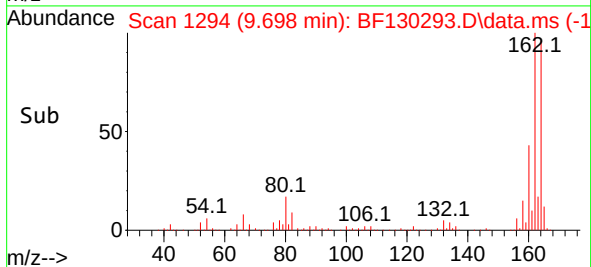
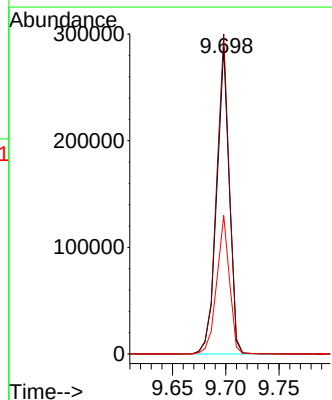
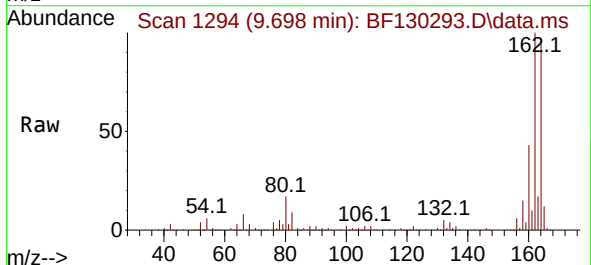
Instrument :
BNA_F
ClientSampleId :
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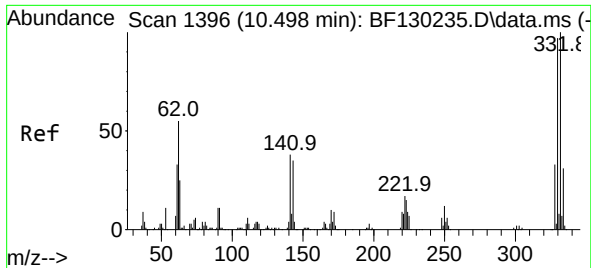
Tgt Ion: 82 Resp: 843725
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF130293.D
Acq: 16 Sep 2022 16:41

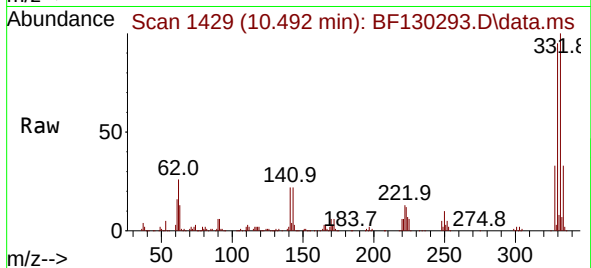
Tgt Ion: 164 Resp: 236027
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 45.2 36.2 54.4



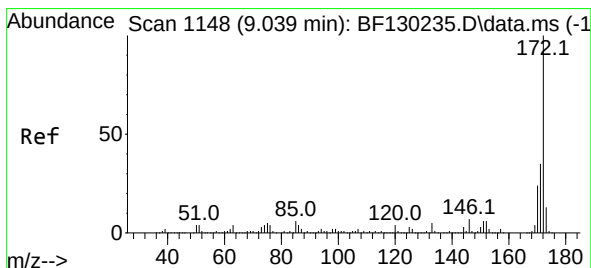
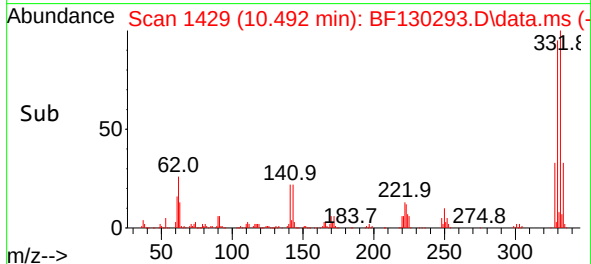
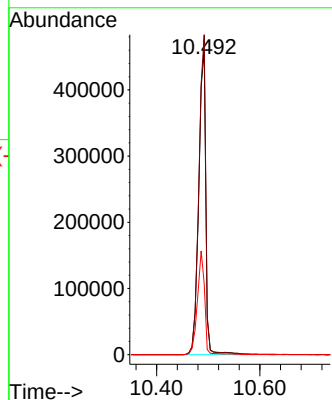


#42
2,4,6-Tribromophenol
Concen: 193.940 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF130293.D
Acq: 16 Sep 2022 16:41

Instrument :
BNA_F
ClientSampleId :
PB147667BL

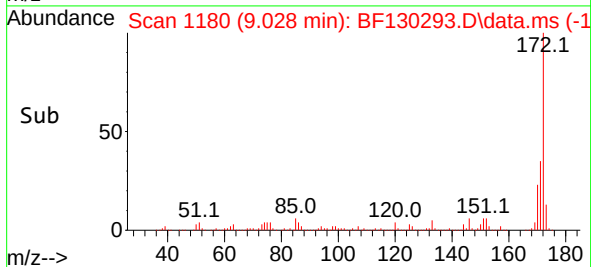
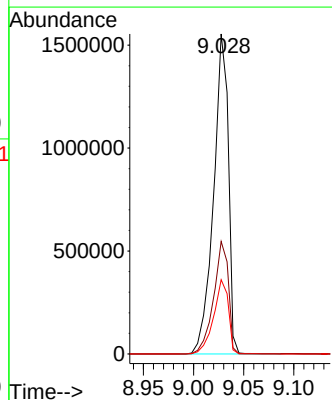
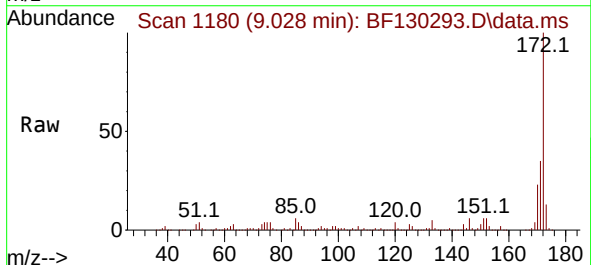


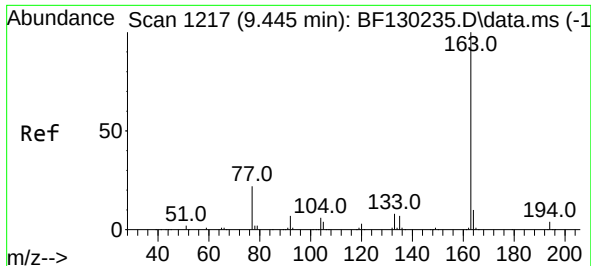
Tgt Ion:330 Resp: 438612
Ion Ratio Lower Upper
330 100
332 103.3 83.4 125.2
141 34.8 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 98.125 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF130293.D
Acq: 16 Sep 2022 16:41

Tgt Ion:172 Resp: 1590467
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 18.7 28.1

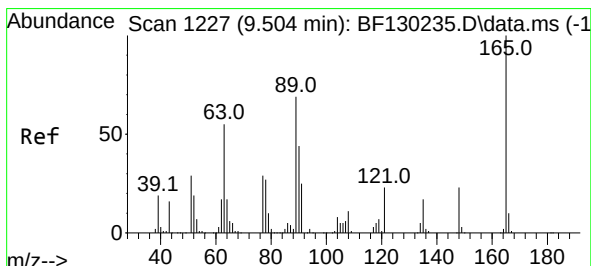
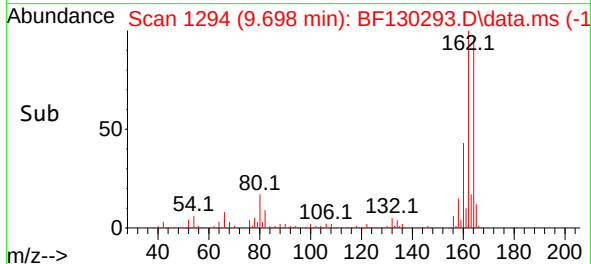
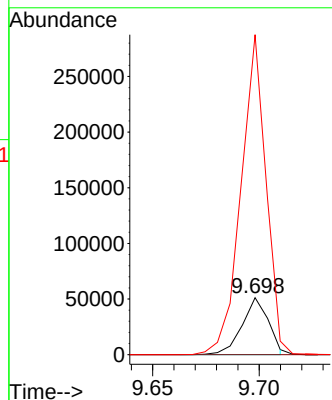
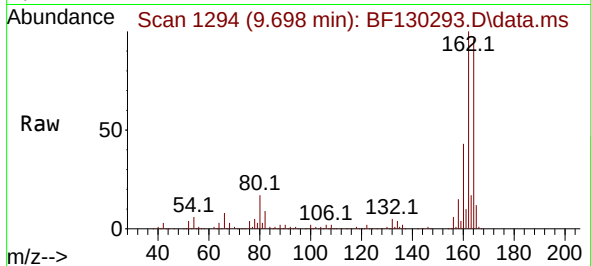




#50
Dimethylphthalate
Concen: 2.714 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.259 min
Lab File: BF130293.D
Acq: 16 Sep 2022 16:41

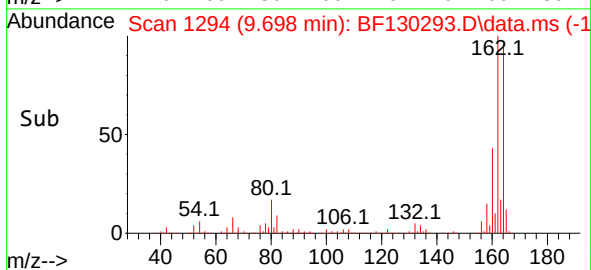
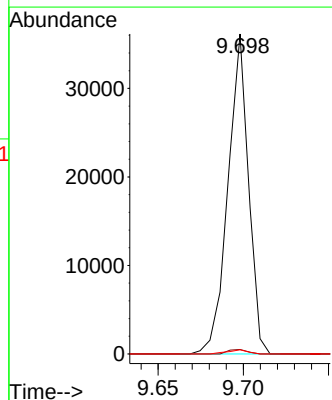
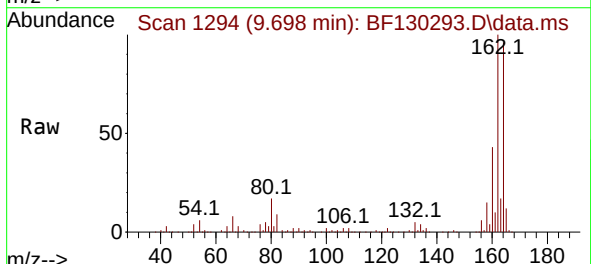
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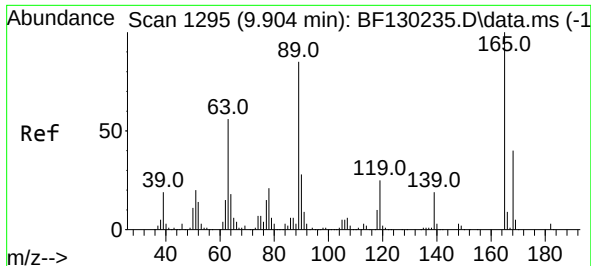
Tgt Ion:163 Resp: 44244
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 562.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.895 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.200 min
Lab File: BF130293.D
Acq: 16 Sep 2022 16:41

Tgt Ion:165 Resp: 30330
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 1.3 54.5 81.7#

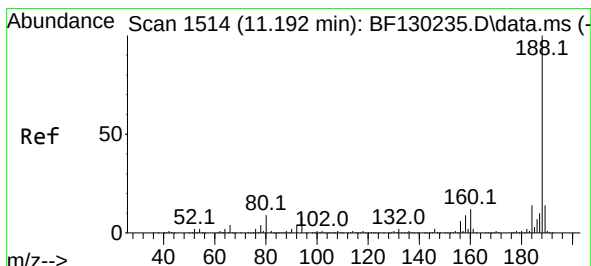
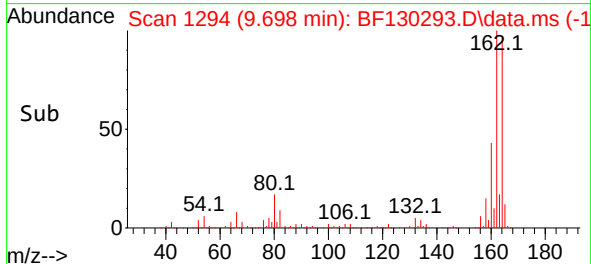
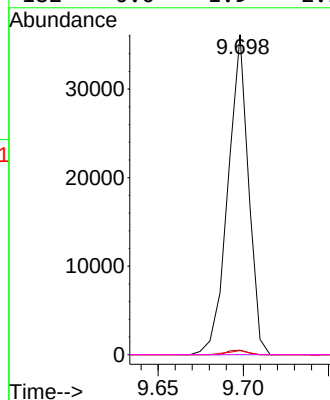
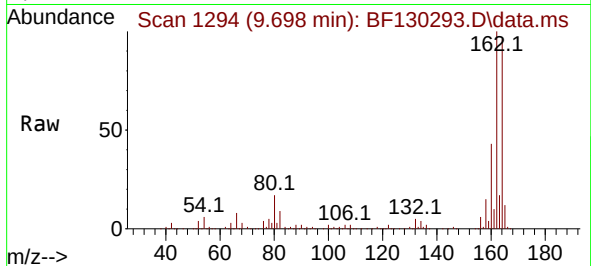




#57
2,4-Dinitrotoluene
Concen: 6.960 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130293.D
Acq: 16 Sep 2022 16:41

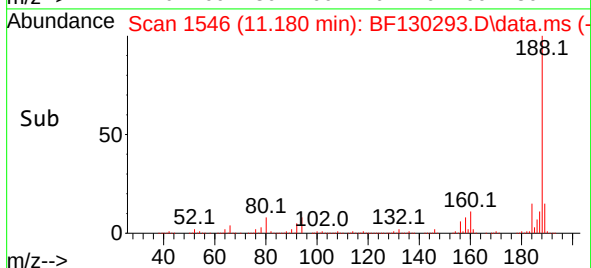
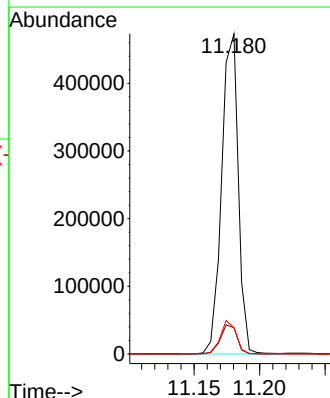
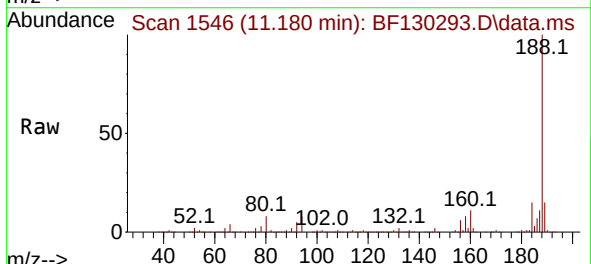
Instrument :
BNA_F
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PB147667BL

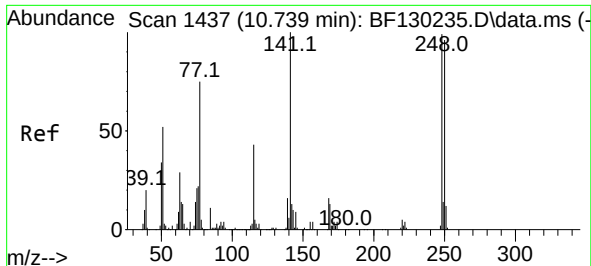
Tgt Ion:165 Resp: 30330
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.3 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.180 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF130293.D
Acq: 16 Sep 2022 16:41

Tgt Ion:188 Resp: 416603
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.3 7.9 11.9





#67

4-Bromophenyl-phenylether

Concen: 5.664 ng

RT: 10.486 min Scan# 1437

Delta R.T. -0.247 min

Lab File: BF130293.D

Acq: 16 Sep 2022 16:41

Instrument :

BNA_F

ClientSampleId :

PB147667BL

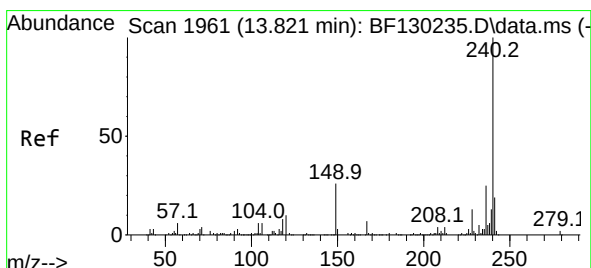
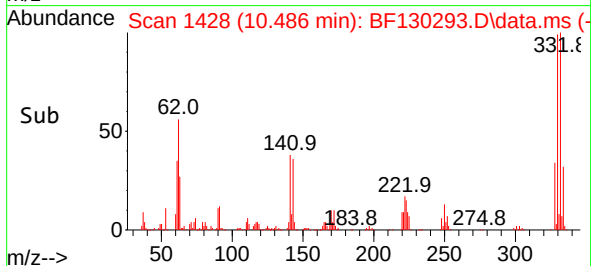
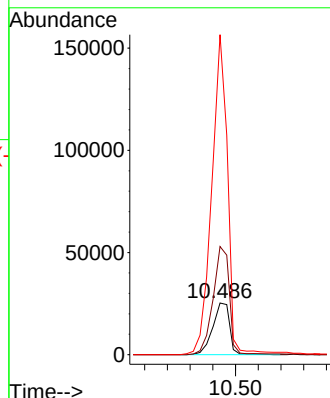
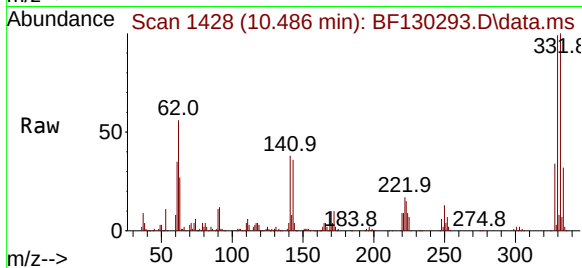
Tgt Ion:248 Resp: 26030

Ion Ratio Lower Upper

248 100

250 209.5 80.0 120.0#

141 619.9 68.5 102.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.804 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF130293.D

Acq: 16 Sep 2022 16:41

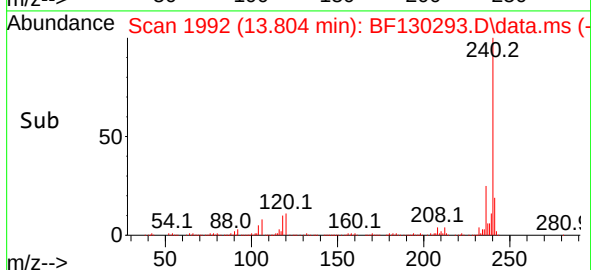
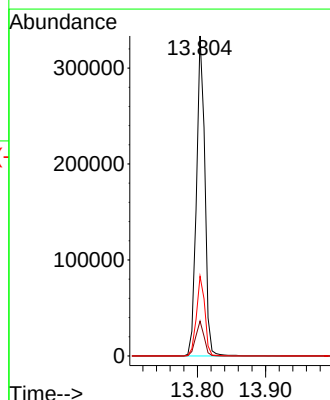
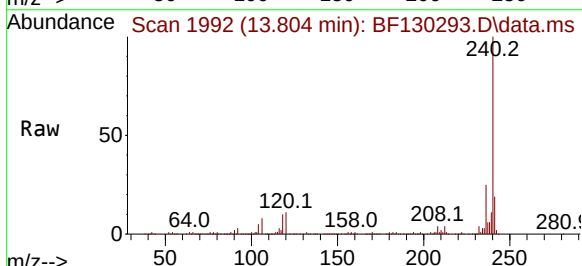
Tgt Ion:240 Resp: 284204

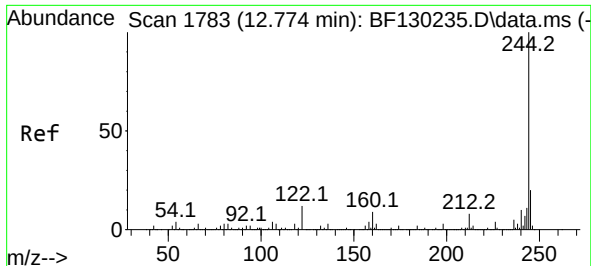
Ion Ratio Lower Upper

240 100

120 10.9 8.7 13.1

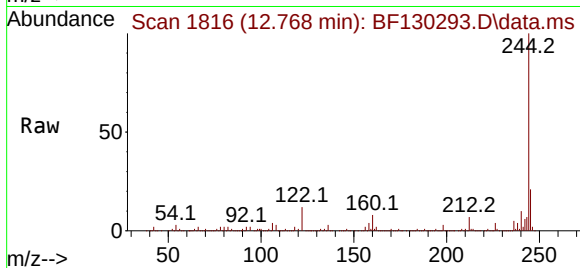
236 24.9 20.9 31.3



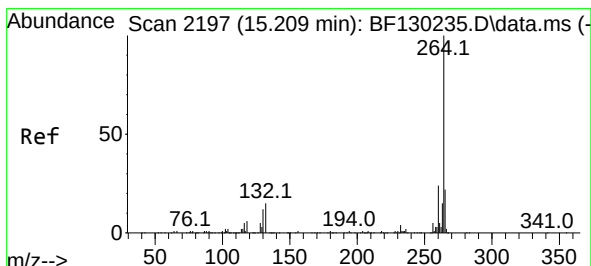
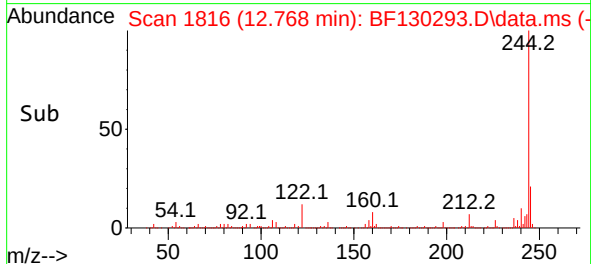
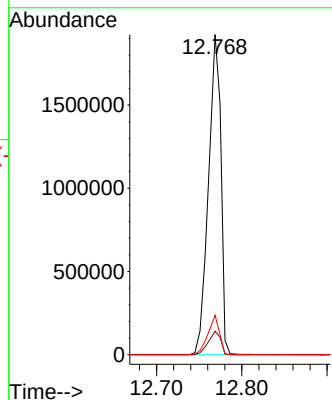


#79
 Terphenyl-d14
 Concen: 113.301 ng
 RT: 12.768 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130293.D
 Acq: 16 Sep 2022 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB147667BL



Tgt Ion:244 Resp: 1943910
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.198 min Scan# 2229
 Delta R.T. 0.000 min
 Lab File: BF130293.D
 Acq: 16 Sep 2022 16:41

Tgt Ion:264 Resp: 208899
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.9 17.0 25.4

