

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130298.D
 Acq On : 16 Sep 2022 19:23
 Operator : CG\JU
 Sample : N4656-31
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Quant Time: Sep 17 03:28:17 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)

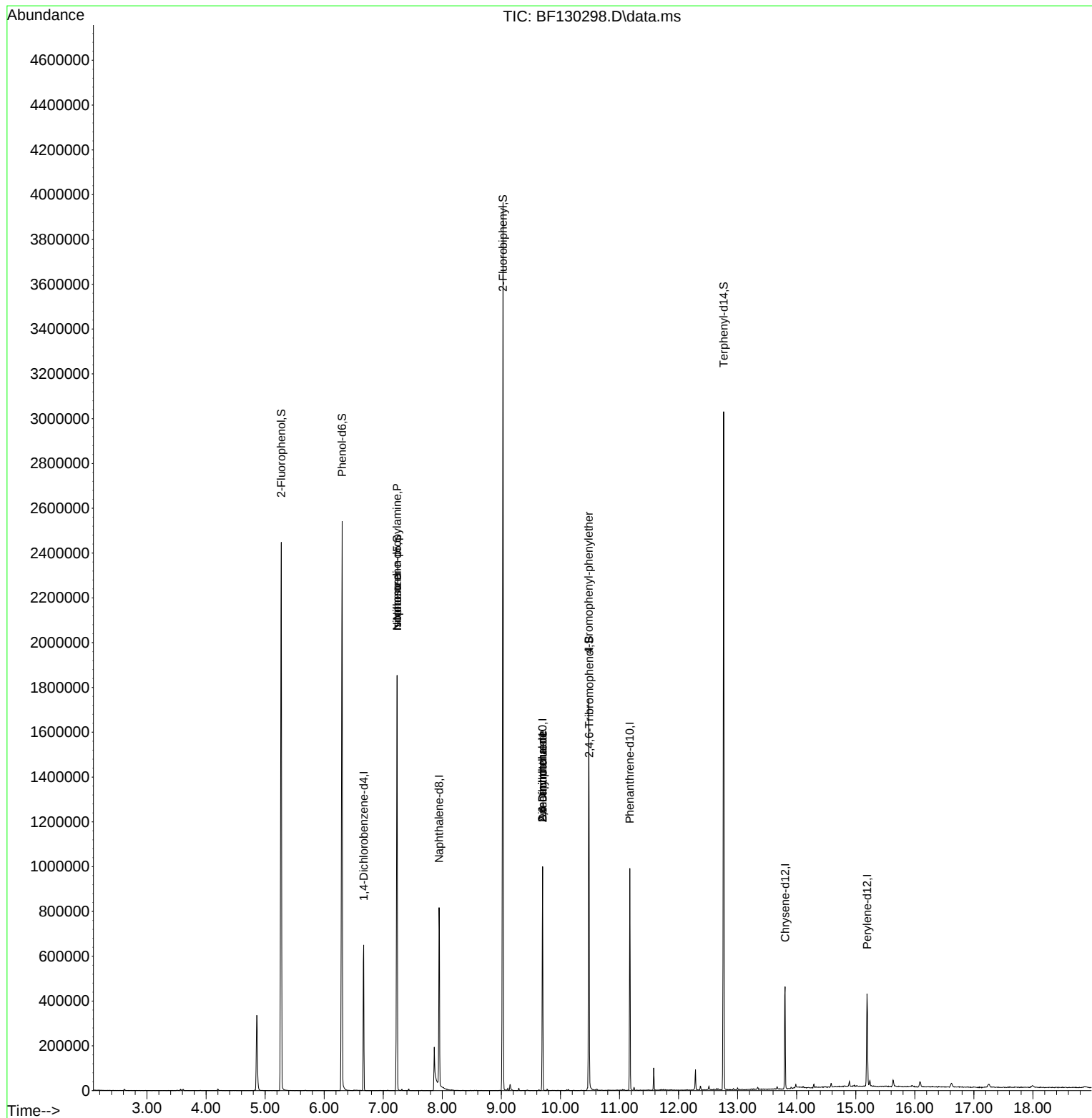
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	89443	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	351391	20.000	ng	0.00
39) Acenaphthene-d10	9.698	164	186904	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	305092	20.000	ng	0.00
76) Chrysene-d12	13.804	240	150575	20.000	ng	0.00
86) Perylene-d12	15.192	264	167150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	706922	137.085	ng	0.01
7) Phenol-d6	6.304	99	914254	141.693	ng	0.00
23) Nitrobenzene-d5	7.233	82	599159	87.111	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	186341	104.049	ng	0.00
45) 2-Fluorobiphenyl	9.027	172	1115145	86.882	ng	0.00
79) Terphenyl-d14	12.763	244	958113	105.403	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.233	70	81819	18.792	ng	# 76
25) Isophorone	7.233	82	597634	53.910	ng	# 66
50) Dimethylphthalate	9.698	163	35615	2.759	ng	# 1
51) 2,6-Dinitrotoluene	9.698	165	24120	8.933	ng	# 16
57) 2,4-Dinitrotoluene	9.698	165	24120	6.990	ng	# 16
67) 4-Bromophenyl-phenylether	10.480	248	11791	3.503	ng	# 1

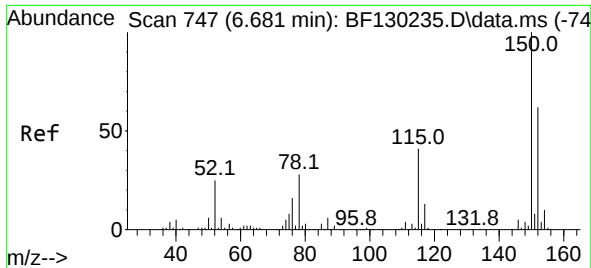
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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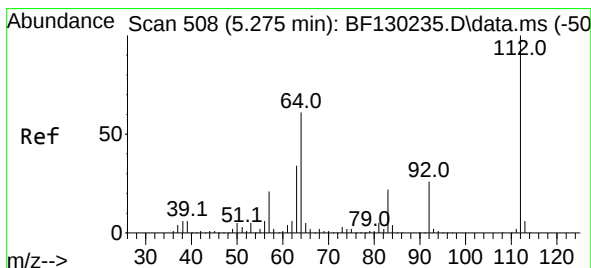
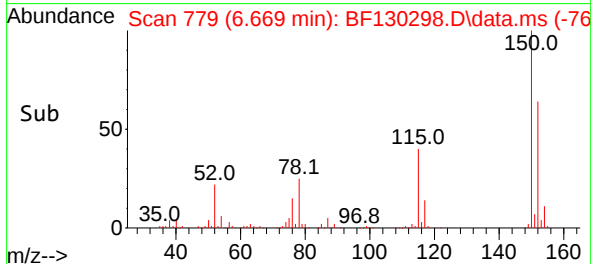
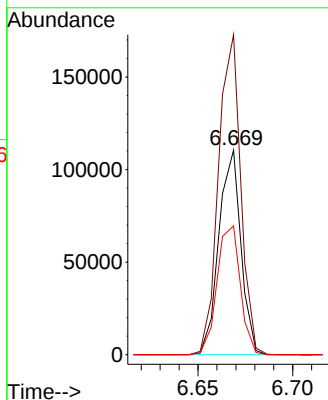
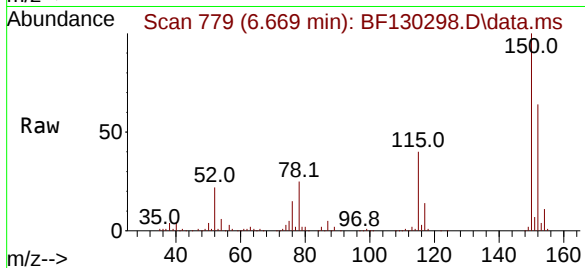




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

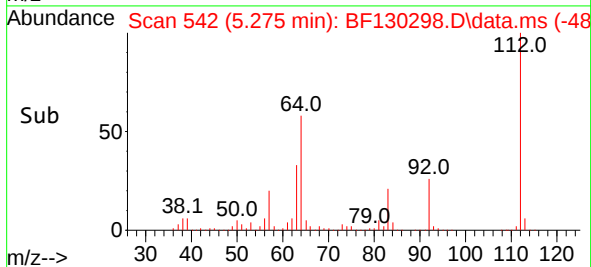
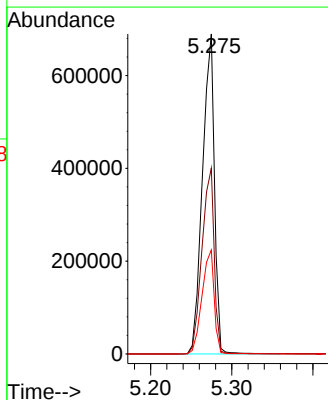
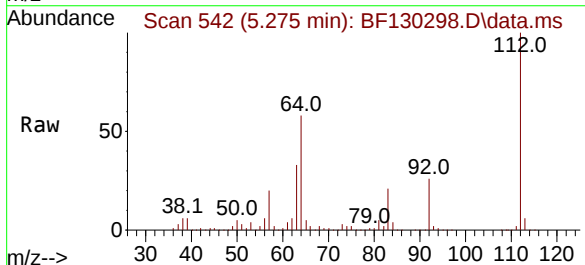
Instrument :
BNA_F
ClientSampleId :
SP-4

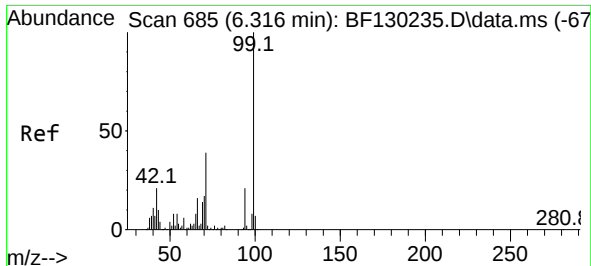
Tgt Ion:152 Resp: 89443
Ion Ratio Lower Upper
152 100
150 156.4 122.8 184.2
115 63.0 53.8 80.8



#5
2-Fluorophenol
Concen: 137.085 ng
RT: 5.275 min Scan# 542
Delta R.T. 0.012 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

Tgt Ion:112 Resp: 706922
Ion Ratio Lower Upper
112 100
64 58.1 51.4 77.0
63 32.5 28.8 43.2





#7
Phenol-d6
Concen: 141.693 ng
RT: 6.304 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

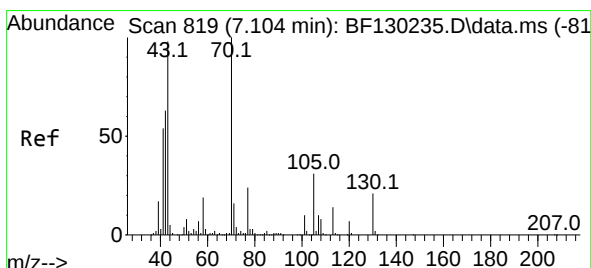
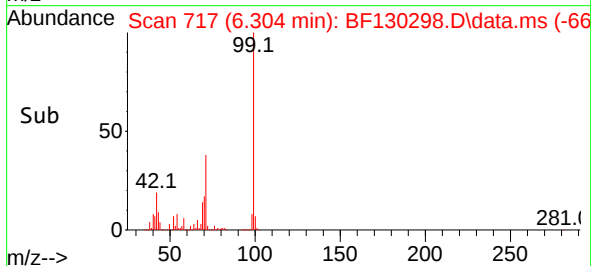
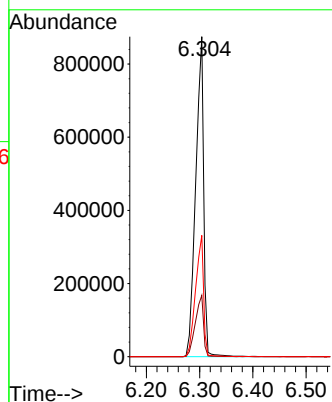
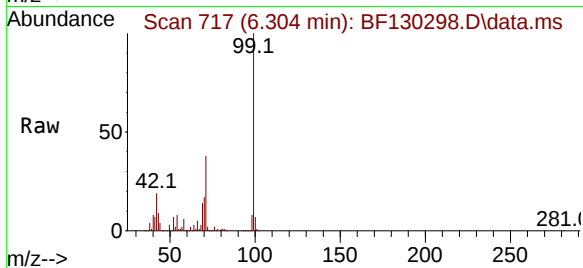
Instrument :

BNA_F

ClientSampleId :

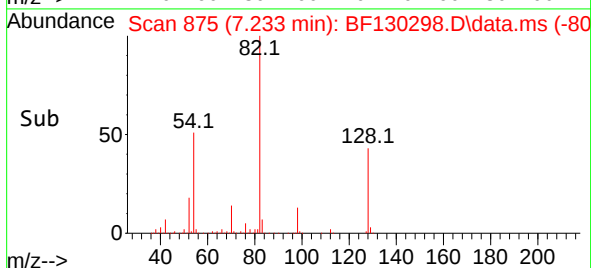
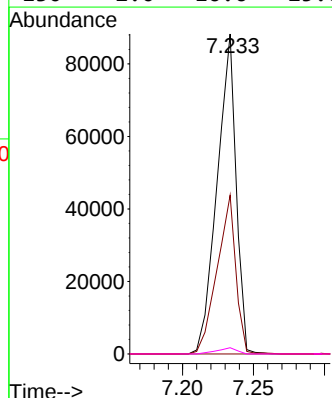
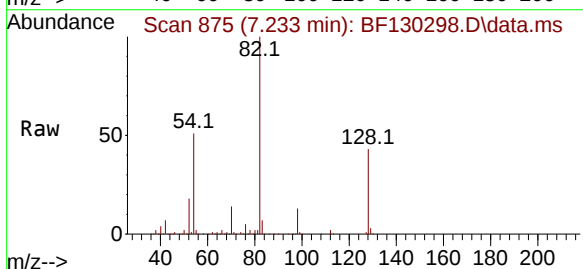
SP-4

Tgt Ion: 99 Resp: 914254
Ion Ratio Lower Upper
99 100
42 19.1 17.0 25.6
71 37.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.792 ng
RT: 7.233 min Scan# 875
Delta R.T. 0.135 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

Tgt Ion: 70 Resp: 81819
Ion Ratio Lower Upper
70 100
42 49.6 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

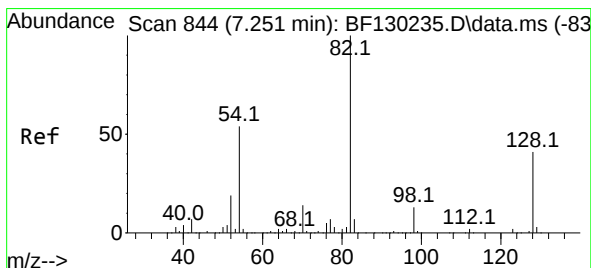
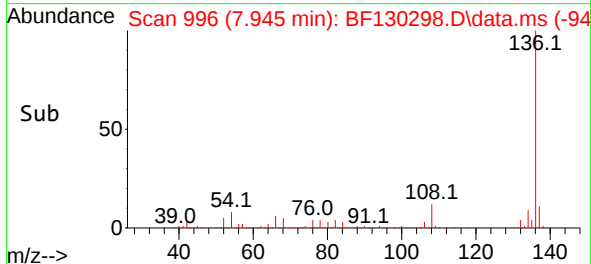
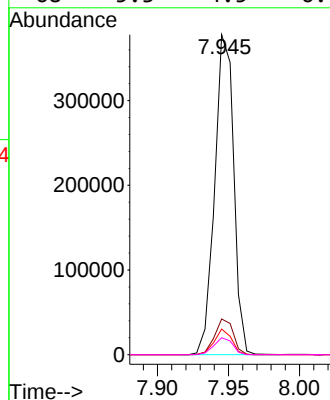
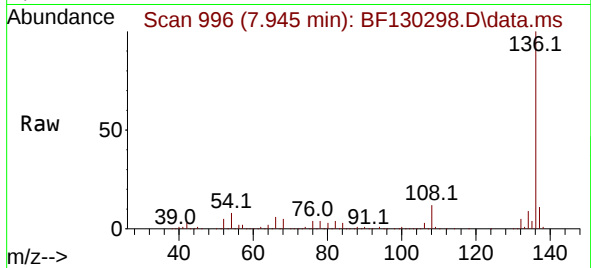




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

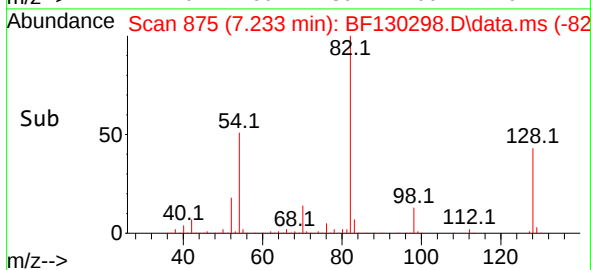
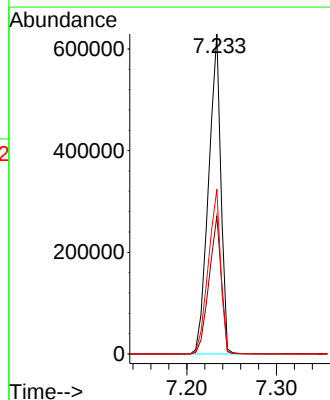
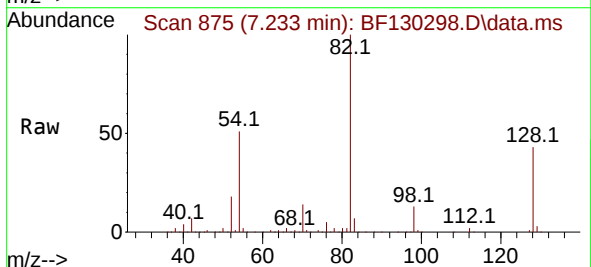
Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion:136 Resp: 351391
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.0 7.1 10.7
68 5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 87.111 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

Tgt Ion: 82 Resp: 599159
Ion Ratio Lower Upper
82 100
128 43.0 32.6 49.0
54 51.5 43.8 65.6

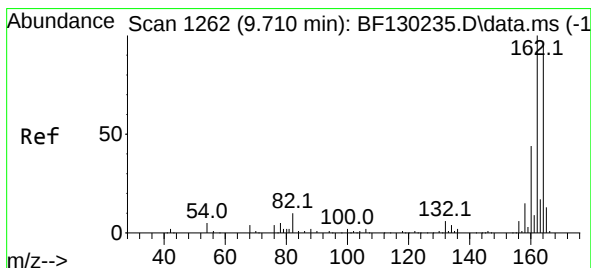
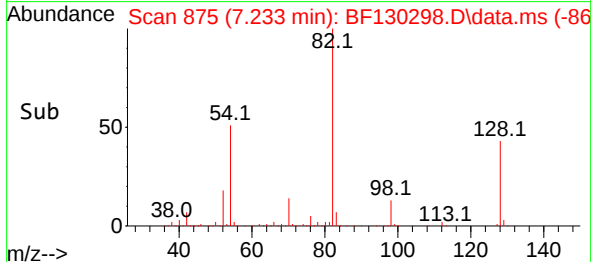
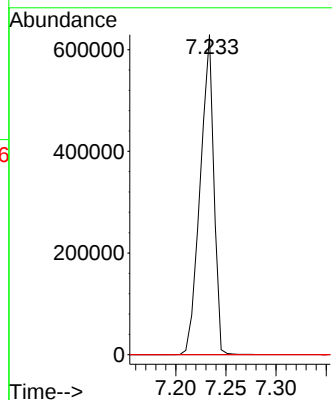
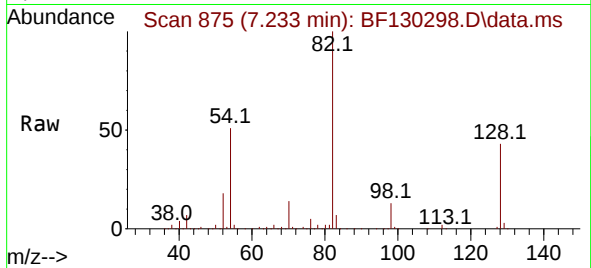




#25
Isophorone
Concen: 53.910 ng
RT: 7.233 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

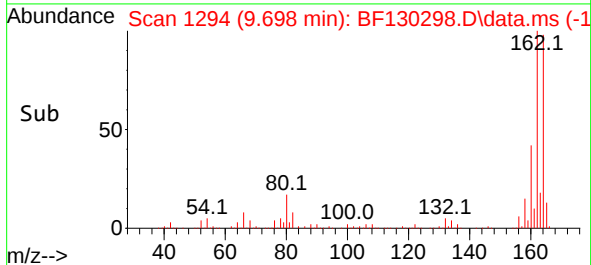
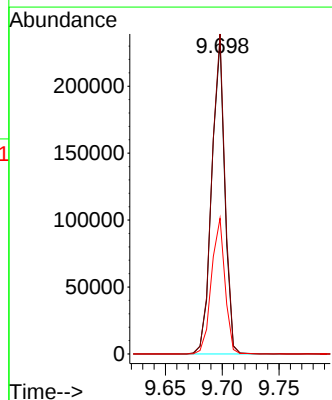
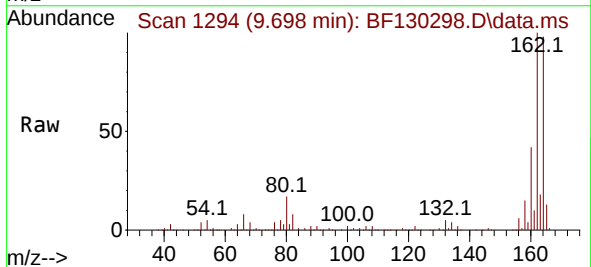
Instrument :
BNA_F
ClientSampleId :
SP-4

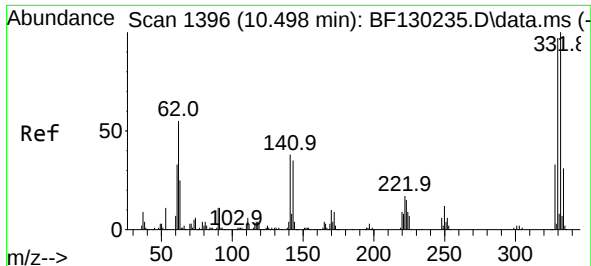
Tgt Ion: 82 Resp: 597634
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

Tgt Ion: 164 Resp: 186904
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 43.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 104.049 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF130298.D

Acq: 16 Sep 2022 19:23

Instrument :

BNA_F

ClientSampleId :

SP-4

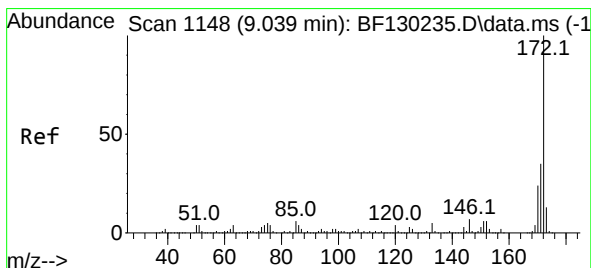
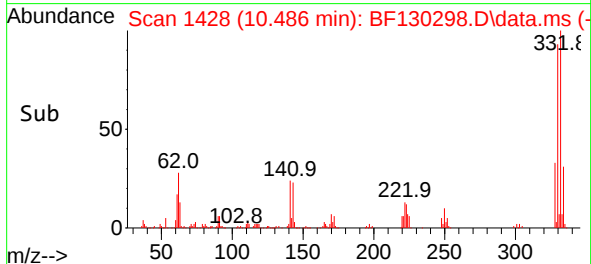
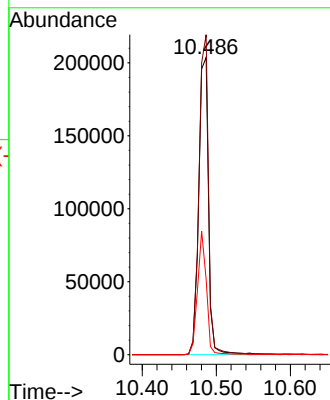
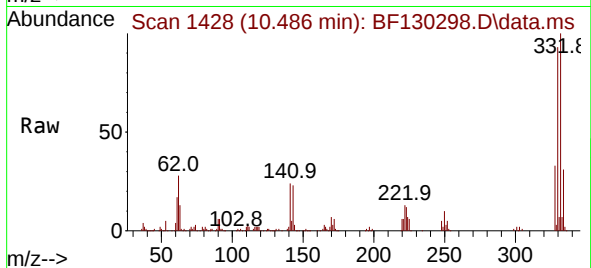
Tgt Ion:330 Resp: 186341

Ion Ratio Lower Upper

330 100

332 105.2 83.4 125.2

141 37.6 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 86.882 ng

RT: 9.027 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF130298.D

Acq: 16 Sep 2022 19:23

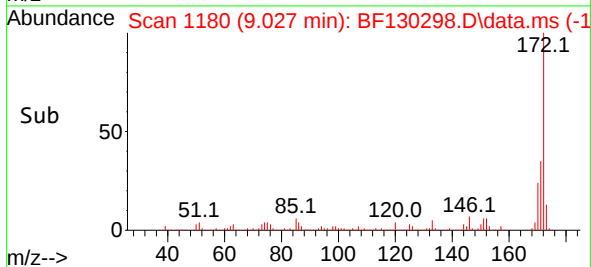
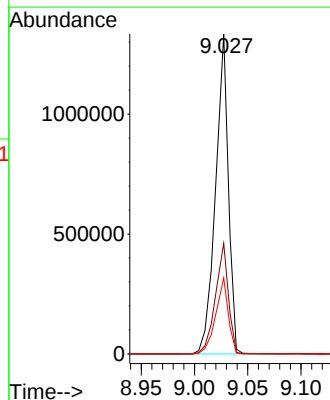
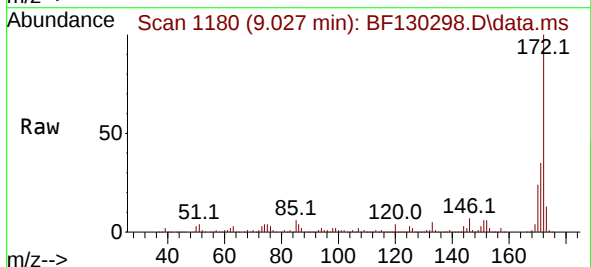
Tgt Ion:172 Resp: 1115145

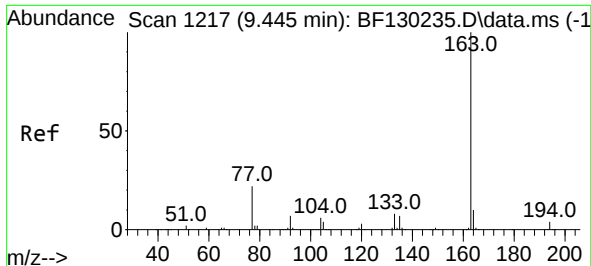
Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 23.8 18.7 28.1

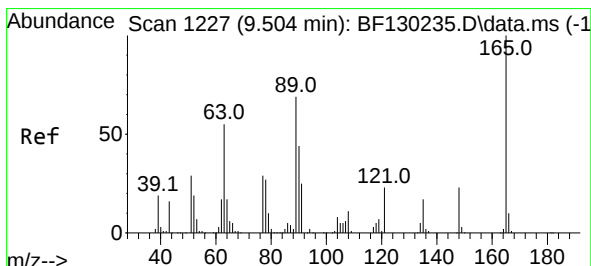
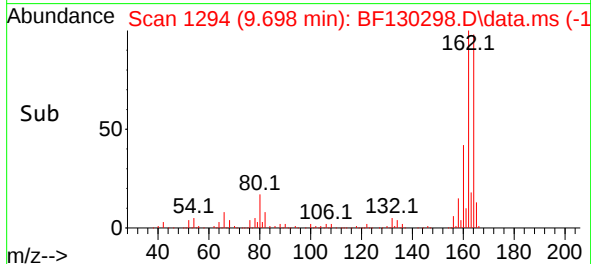
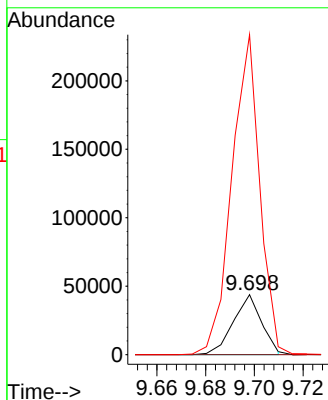
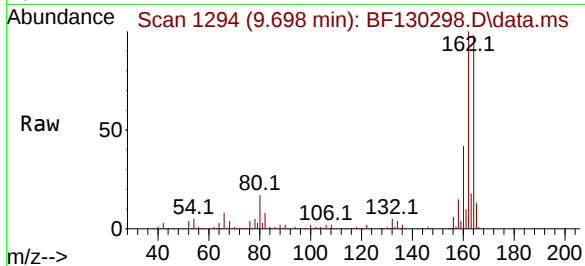




#50
Dimethylphthalate
Concen: 2.759 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.259 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

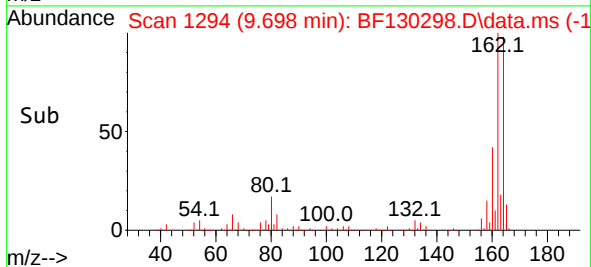
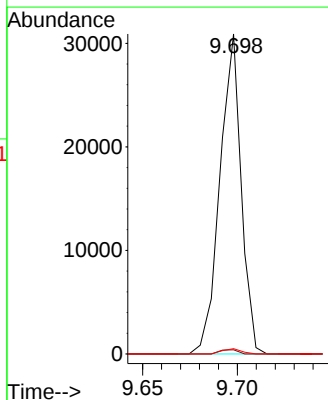
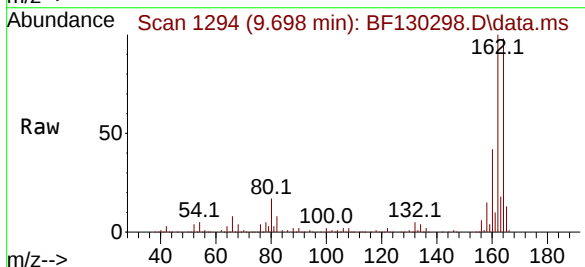
Instrument :
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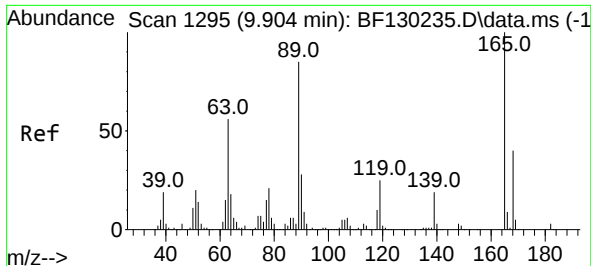
Tgt Ion:163 Resp: 35615
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 533.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.933 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.200 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

Tgt Ion:165 Resp: 24120
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 1.7 54.5 81.7#

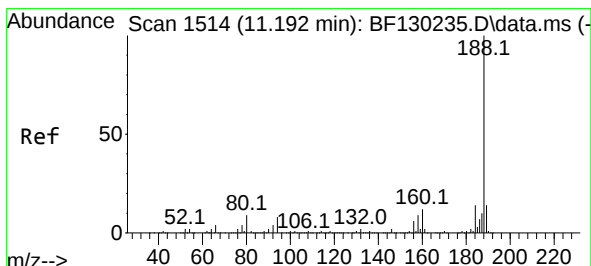
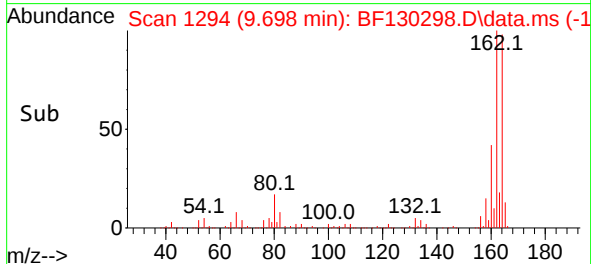
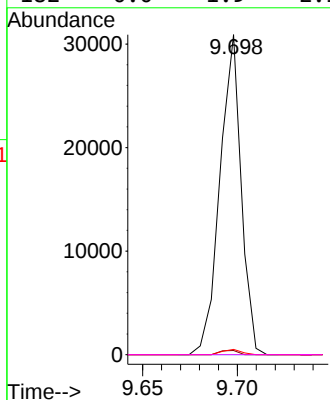
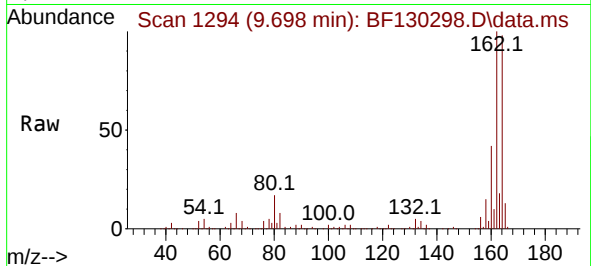




#57
2,4-Dinitrotoluene
Concen: 6.990 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

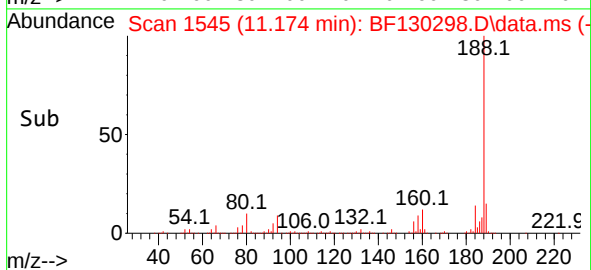
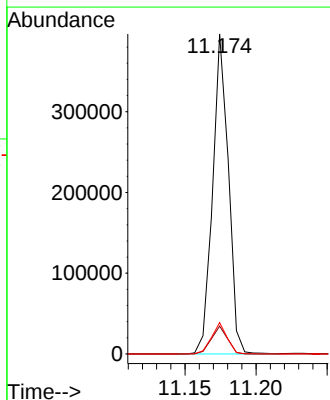
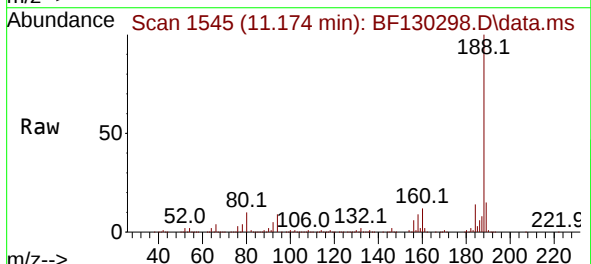
Instrument :
BNA_F
ClientSampleId :
SP-4

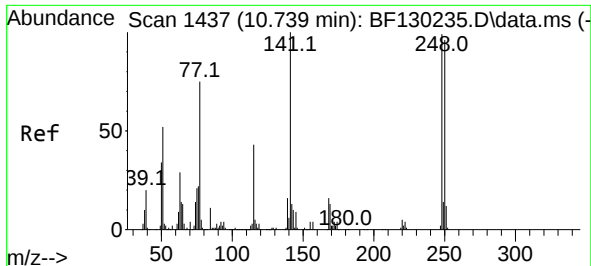
Tgt Ion:165 Resp: 24120
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.7 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.174 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

Tgt Ion:188 Resp: 305092
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.8 7.9 11.9

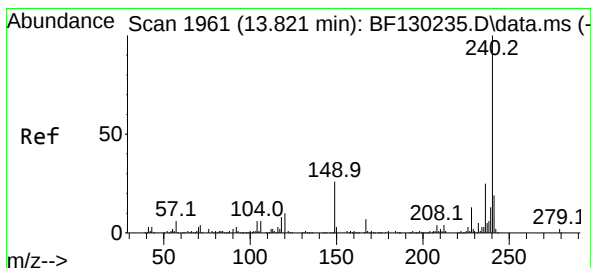
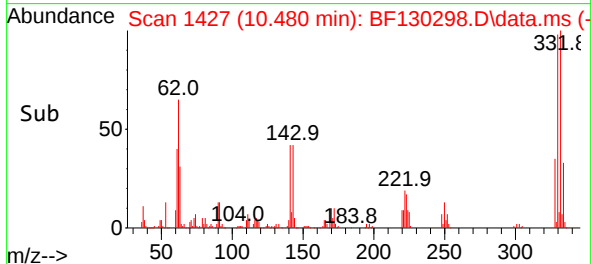
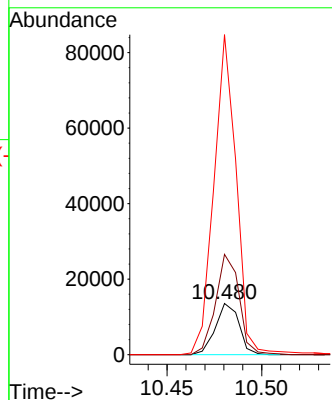
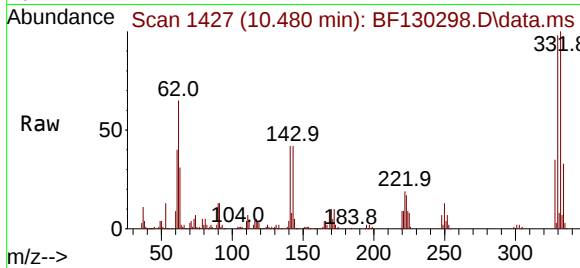




#67
4-Bromophenyl-phenylether
Concen: 3.503 ng
RT: 10.480 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

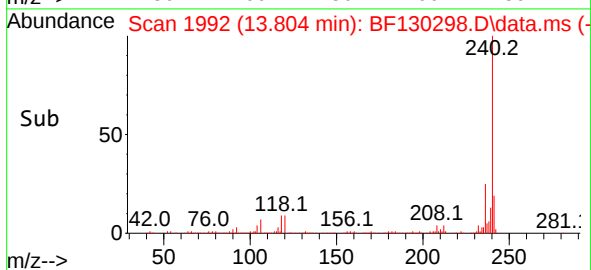
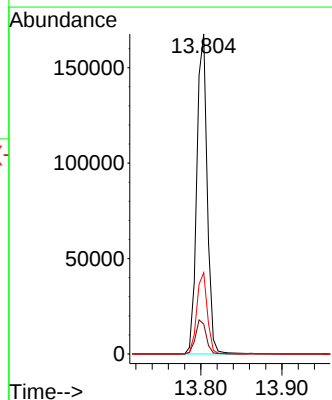
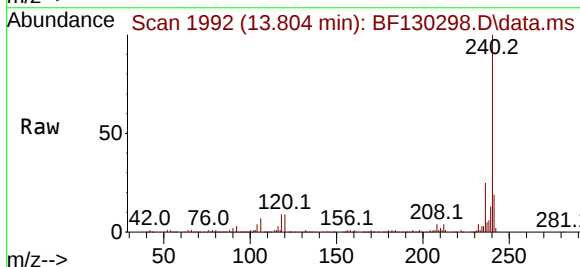
Instrument :
BNA_F
ClientSampleId :
SP-4

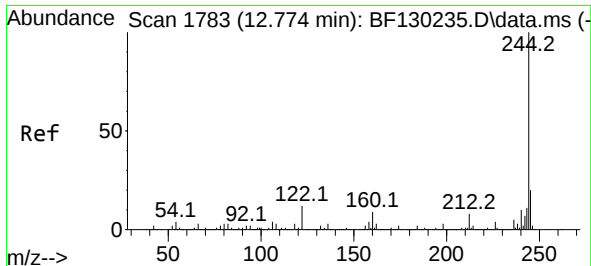
Tgt Ion:248 Resp: 11791
Ion Ratio Lower Upper
248 100
250 195.7 80.0 120.0#
141 624.1 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

Tgt Ion:240 Resp: 150575
Ion Ratio Lower Upper
240 100
120 9.4 8.7 13.1
236 25.4 20.9 31.3

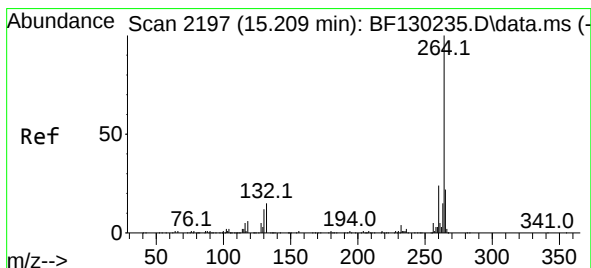
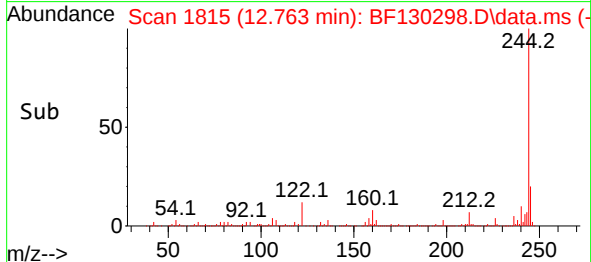
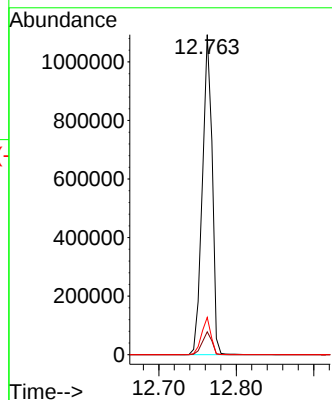
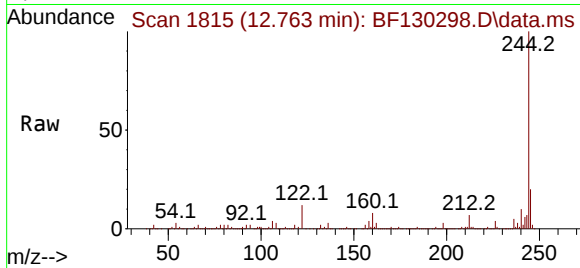




#79
 Terphenyl-d14
 Concen: 105.403 ng
 RT: 12.763 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130298.D
 Acq: 16 Sep 2022 19:23

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tgt Ion:244 Resp: 958113
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.6 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: BF130298.D
 Acq: 16 Sep 2022 19:23

Tgt Ion:264 Resp: 167150
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.3 28.9
 265 20.3 17.0 25.4

