

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

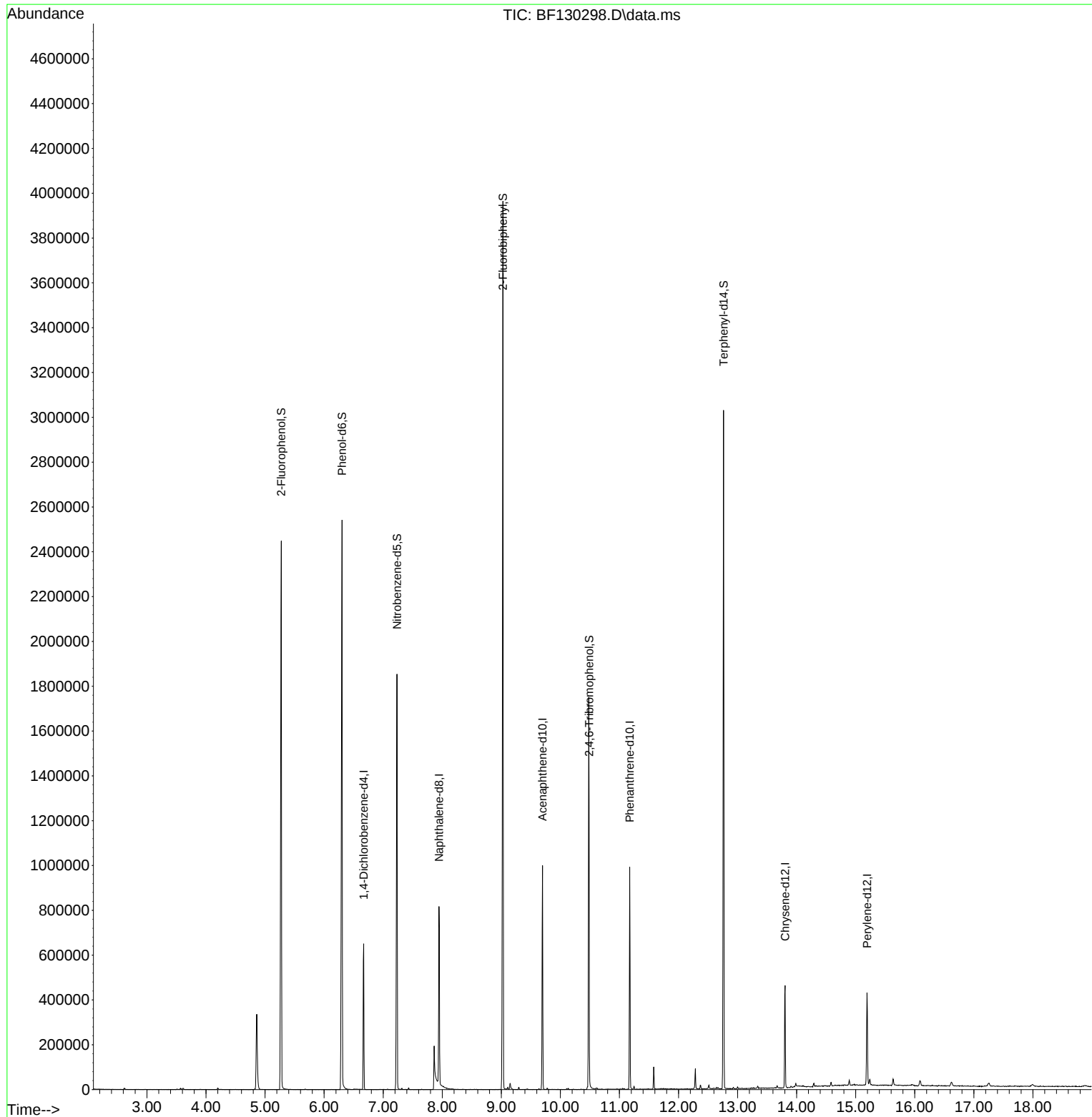
Target Compounds	Qvalue

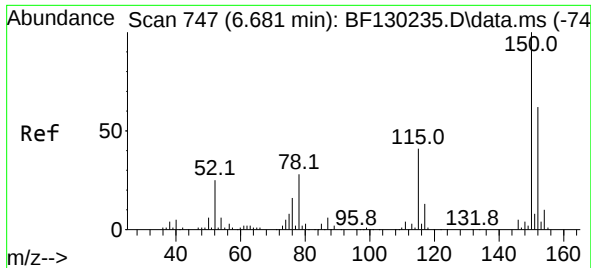
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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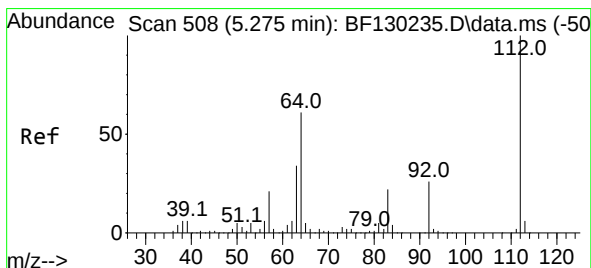
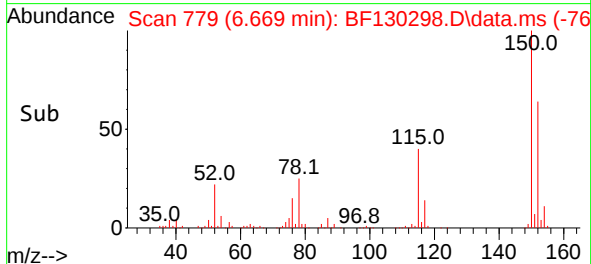
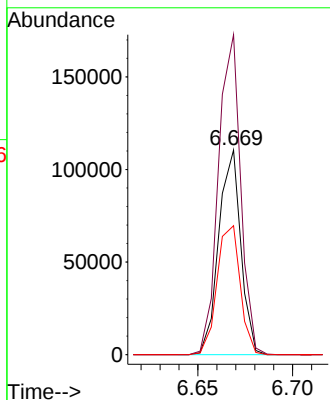
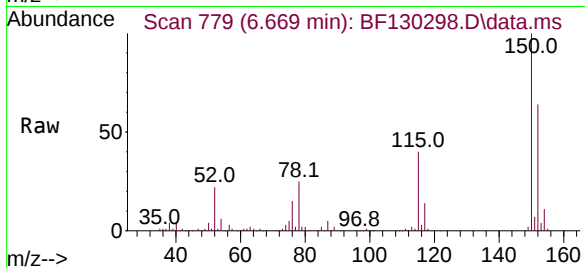




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.669 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130298.D
 Acq: 16 Sep 2022 19:23

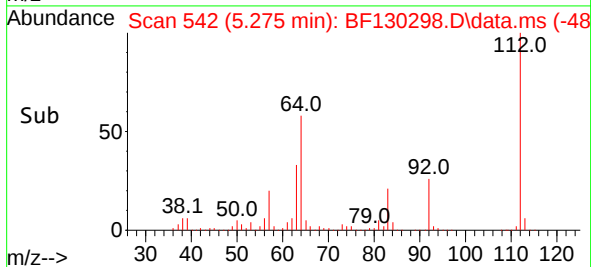
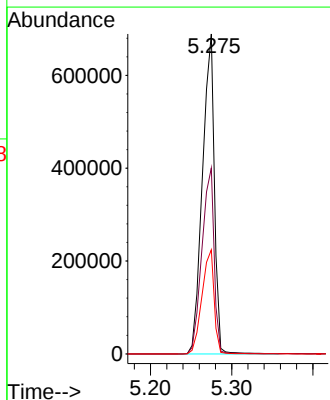
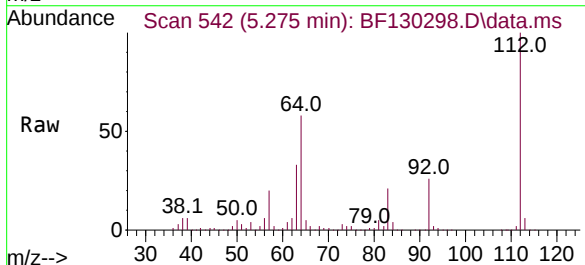
Instrument :
 BNA_F
 ClientSampleId :
 SP-4

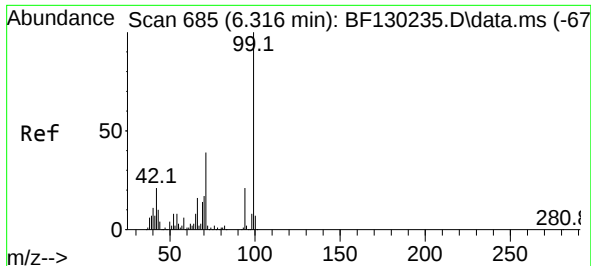
Tgt Ion:152 Resp: 89443
 Ion Ratio Lower Upper
 152 100
 150 156.4 122.8 184.2
 115 63.0 53.8 80.8



#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

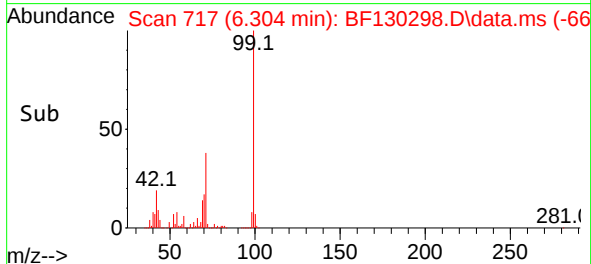
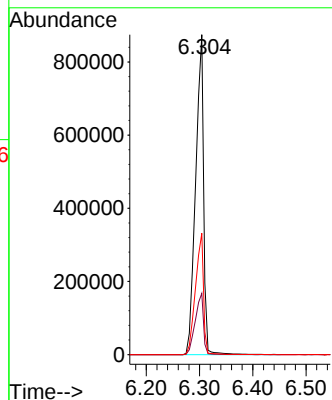
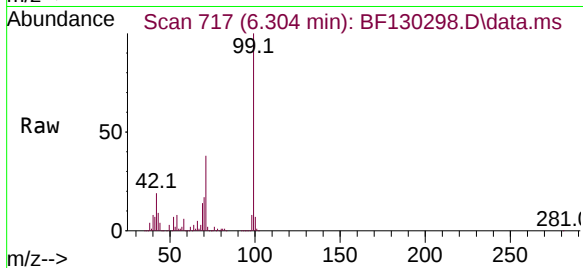




#7
Phenol-d6
Concen: 141.693 ng
RT: 6.304 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

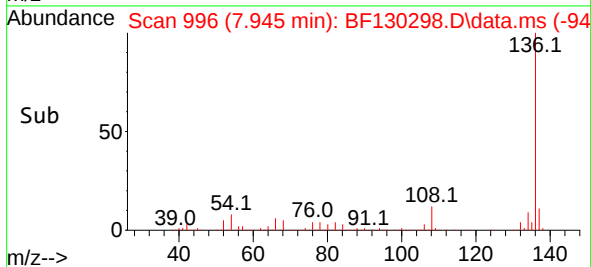
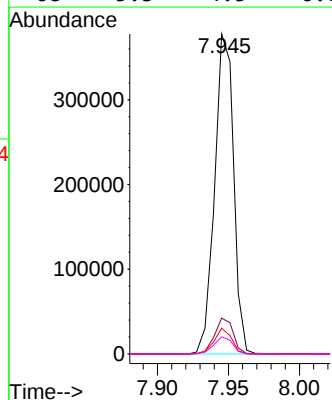
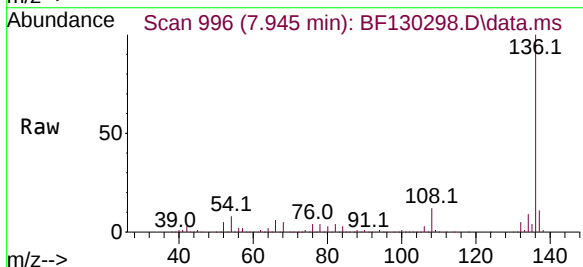
Instrument :
BNA_F
ClientSampleId :
SP-4

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



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

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# 81

Delta R.T. -0.006 min

Lab File: BF130298.D

Acq: 16 Sep 2022 19:23

Instrument :

BNA_F

ClientSampleId :

SP-4

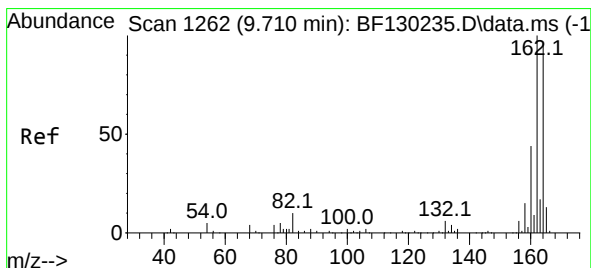
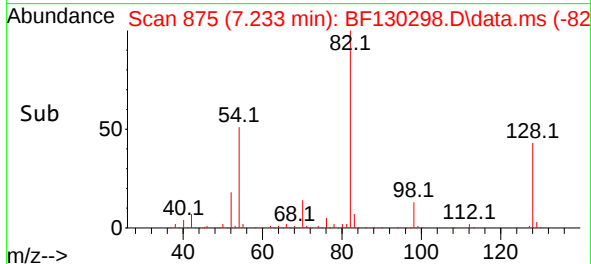
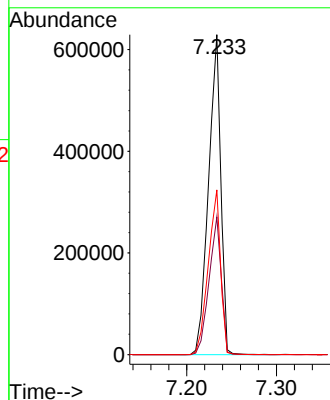
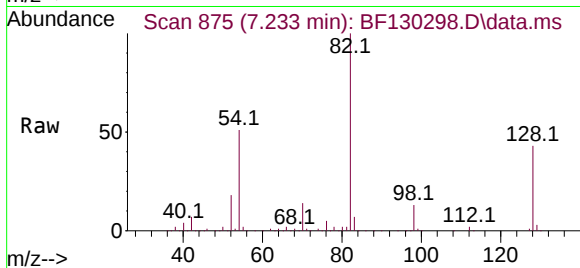
Tgt Ion: 82 Resp: 599159

Ion Ratio Lower Upper

82 100

128 43.0 32.6 49.0

54 51.5 43.8 65.6



#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

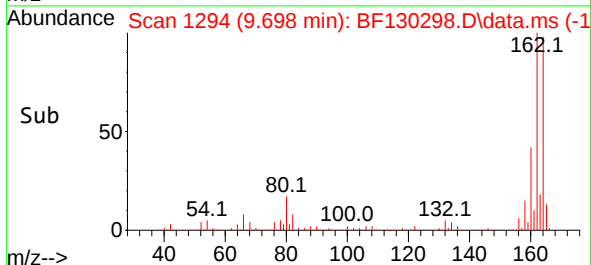
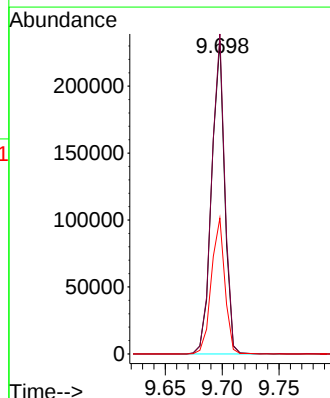
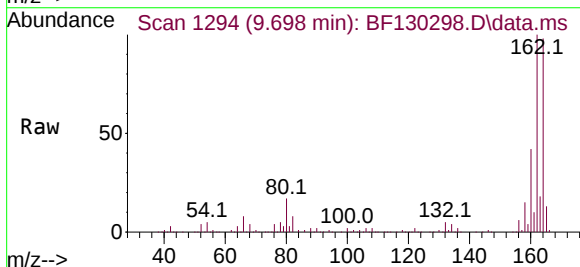
Tgt Ion:164 Resp: 186904

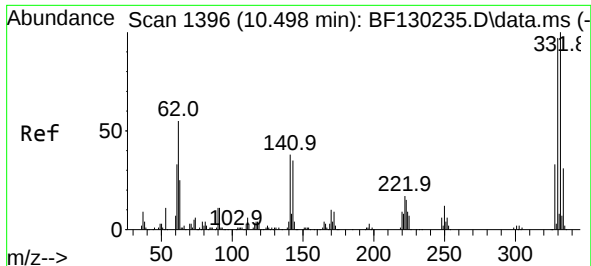
Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

160 43.4 36.2 54.4

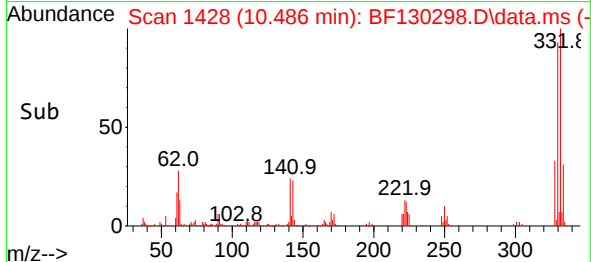
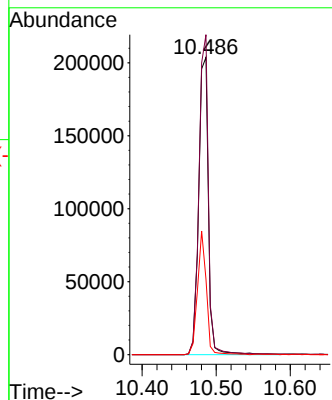
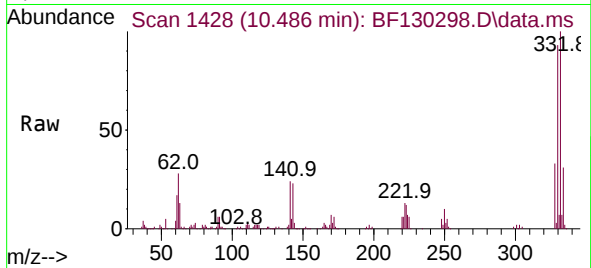




#42
2,4,6-Tribromophenol
Concen: 104.049 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

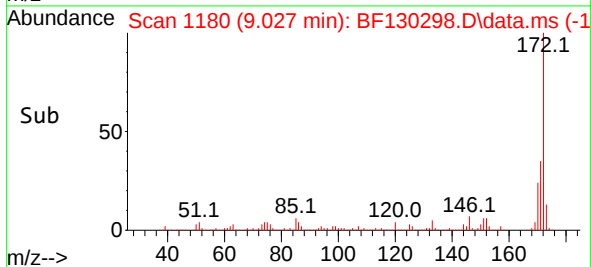
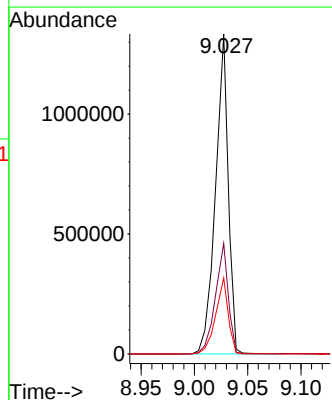
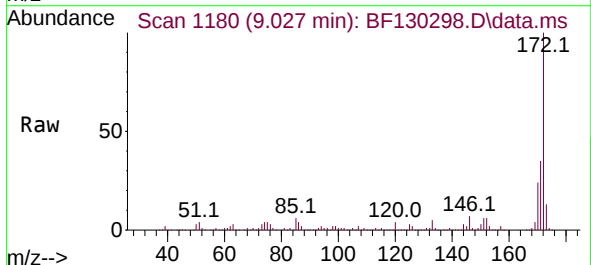
Instrument :
BNA_F
ClientSampleId :
SP-4

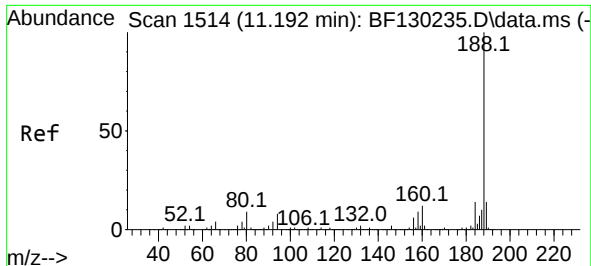
Tgt Ion:330 Resp: 186341
Ion Ratio Lower Upper
330 100
332 105.2 83.4 125.2
141 37.6 34.0 51.0



#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

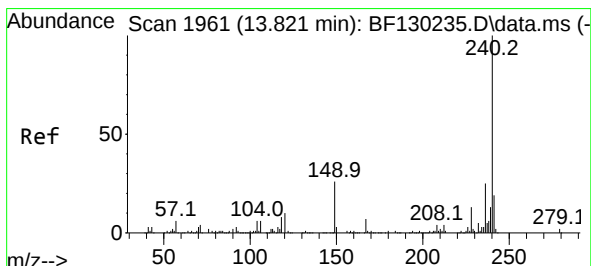
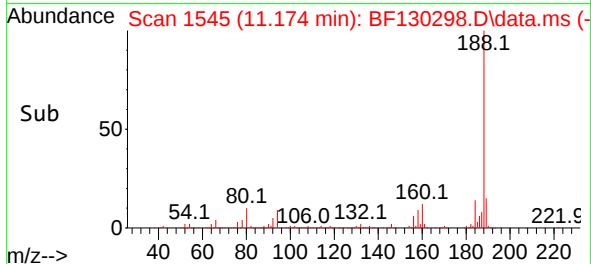
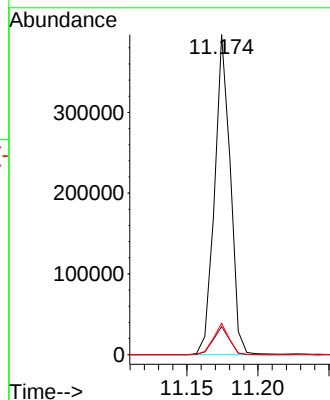
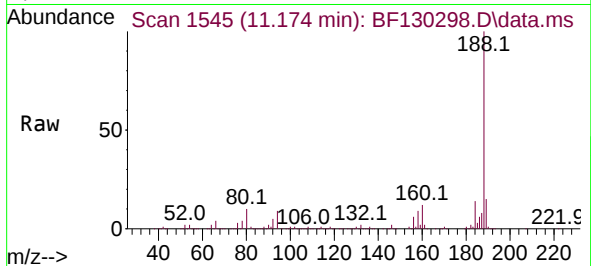




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.174 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130298.D
Acq: 16 Sep 2022 19:23

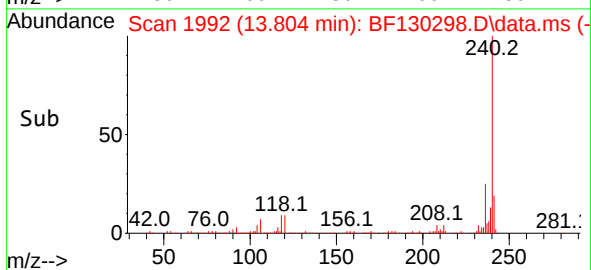
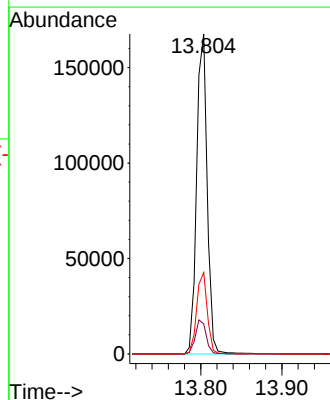
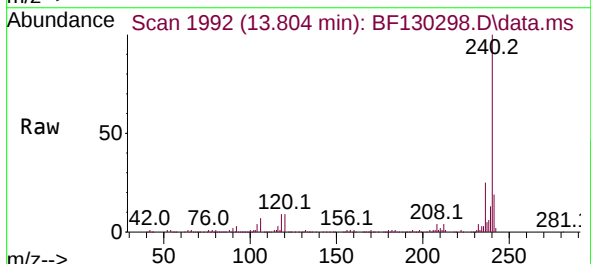
Instrument :
BNA_F
ClientSampleId :
SP-4

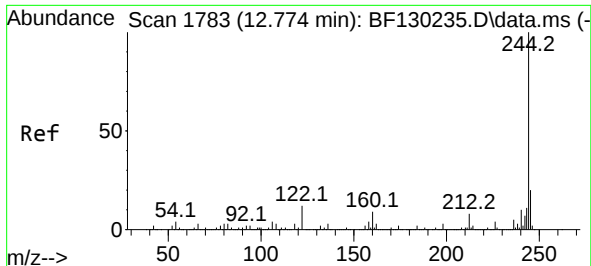
Tgt Ion:188 Resp: 305092
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.8 7.9 11.9



#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

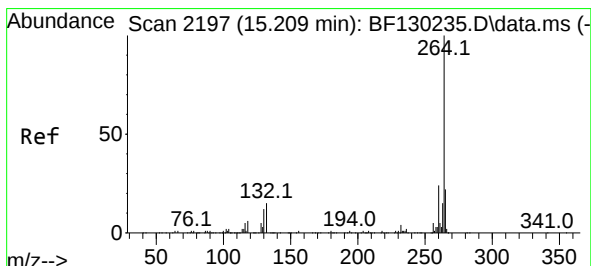
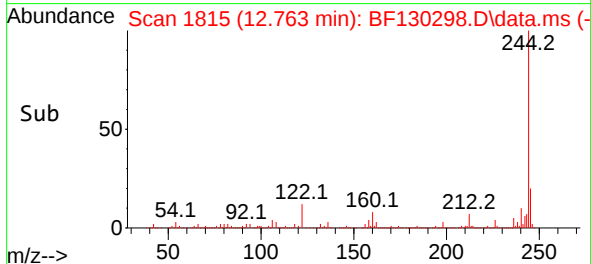
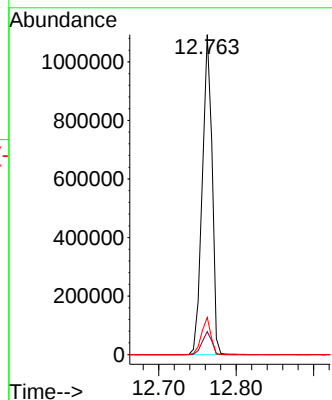
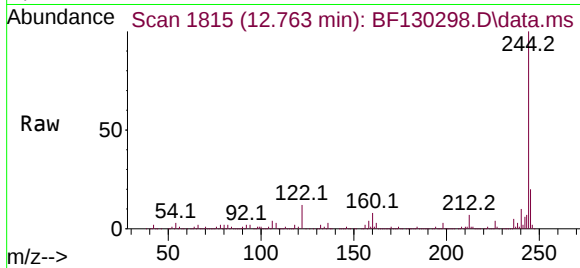




#79
 Terphenyl-d14
 Concen: 105.403 ng
 RT: 12.763 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF130298.D
 Acq: 16 Sep 2022 19:23

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

