

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133193.D
 Acq On : 02 May 2023 17:21
 Operator : CG\JU
 Sample : 02570-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-1

Quant Time: May 03 06:20:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 04:52:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	200086	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	804358	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	416429	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	705213	20.000	ng	0.00
76) Chrysene-d12	13.880	240	359009	20.000	ng	-0.01
86) Perylene-d12	15.304	264	393469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1130747	85.369	ng	0.00
7) Phenol-d6	6.369	99	1360778	82.771	ng	0.00
23) Nitrobenzene-d5	7.292	82	819944	55.023	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	336271	80.294	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1490357	59.875	ng	0.00
79) Terphenyl-d14	12.833	244	1387758	66.667	ng	0.00

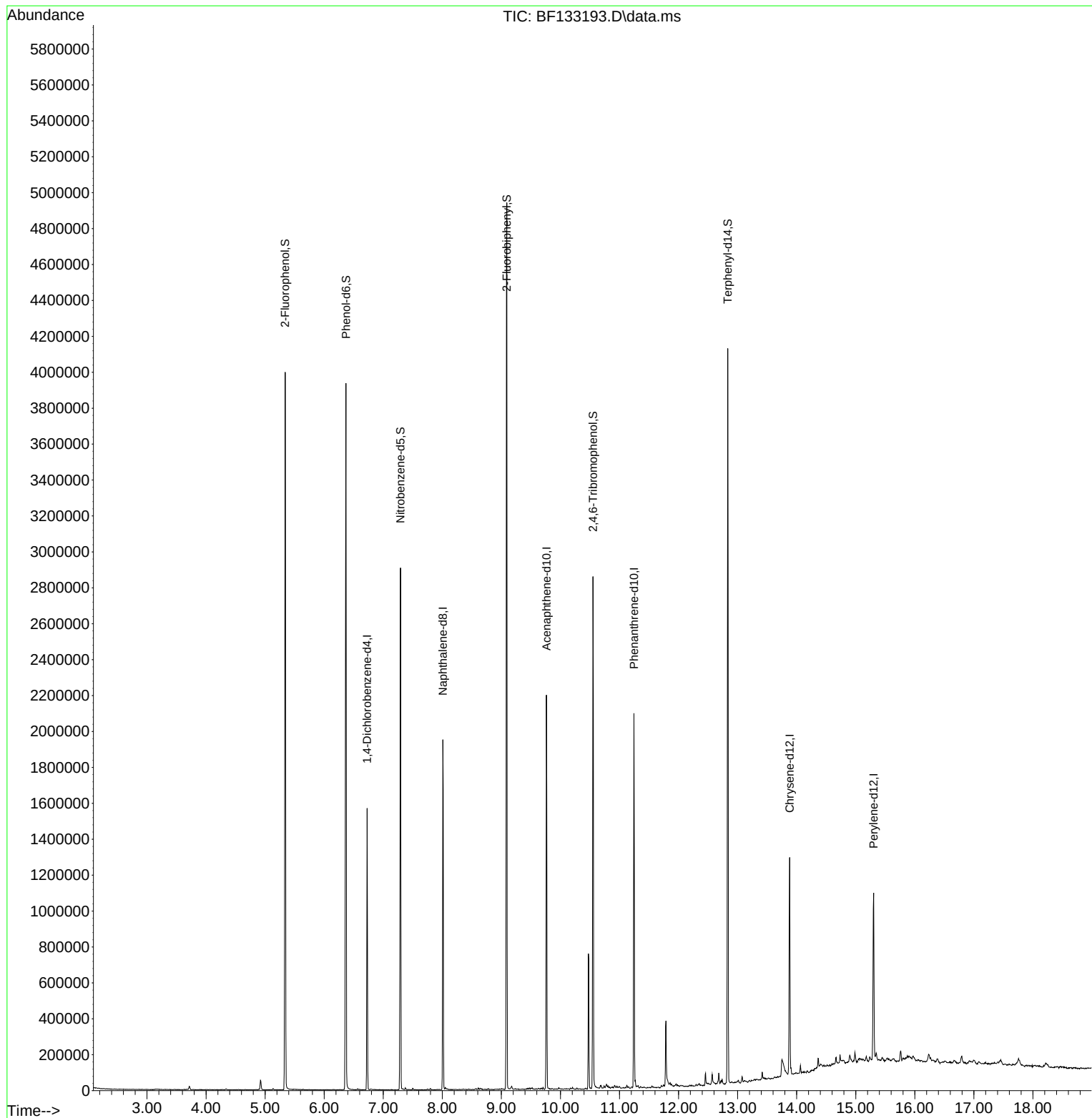
Target Compounds	Qvalue

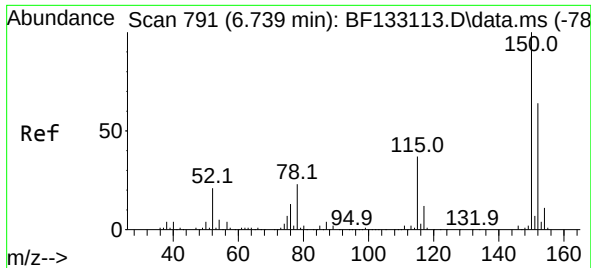
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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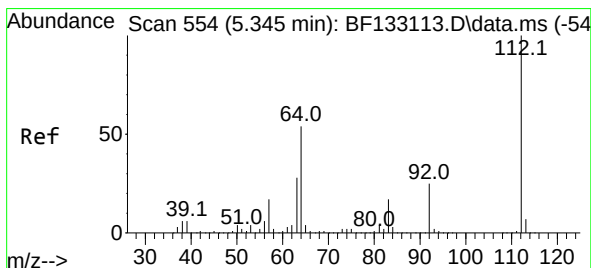
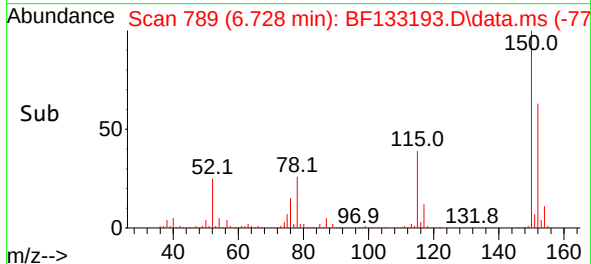
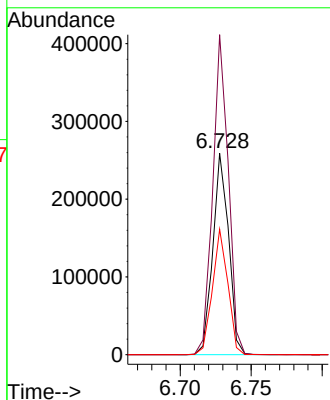
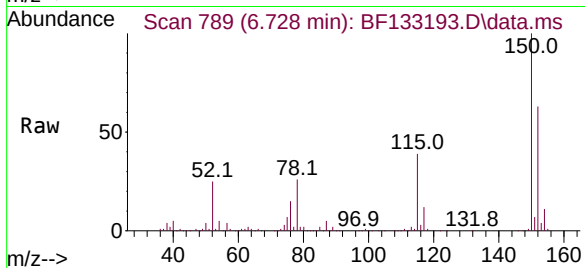




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

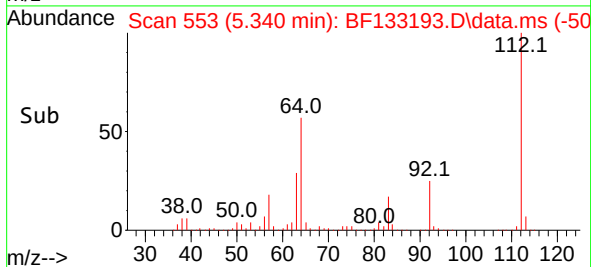
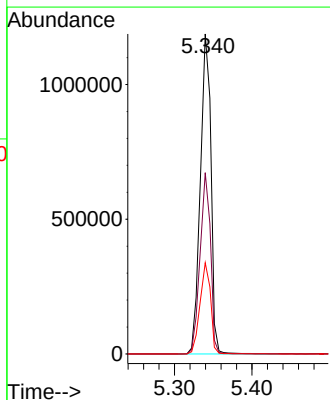
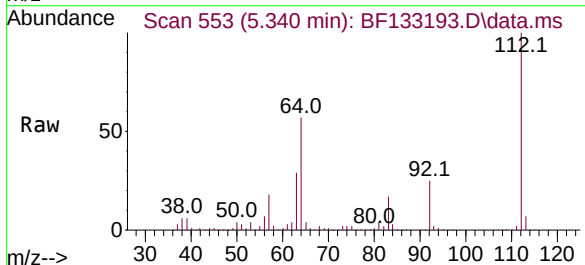
Instrument :
BNA_F
ClientSampleId :
RB-1

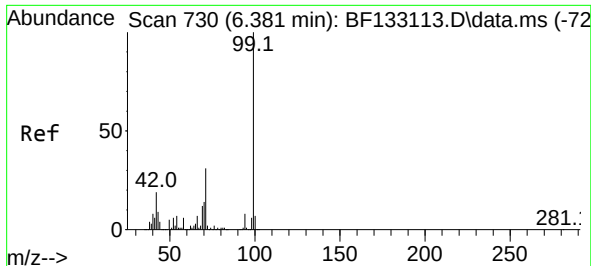
Tgt Ion:152 Resp: 200086
Ion Ratio Lower Upper
152 100
150 158.8 124.8 187.2
115 62.2 49.9 74.9



#5
2-Fluorophenol
Concen: 85.369 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

Tgt Ion:112 Resp: 1130747
Ion Ratio Lower Upper
112 100
64 56.6 46.8 70.2
63 28.5 23.8 35.8

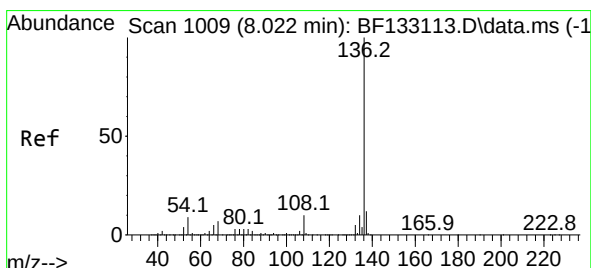
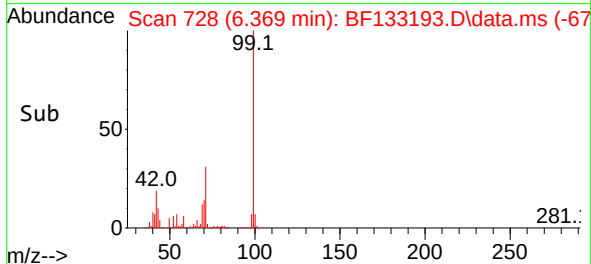
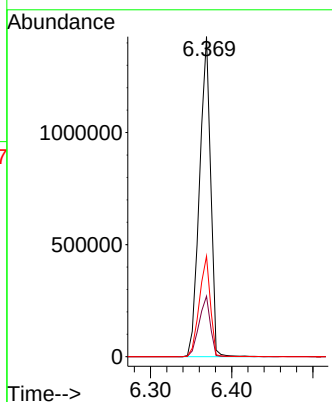
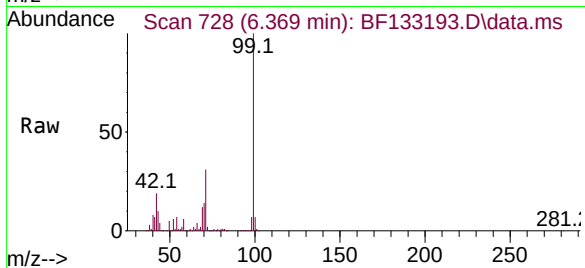




#7
Phenol-d6
Concen: 82.771 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

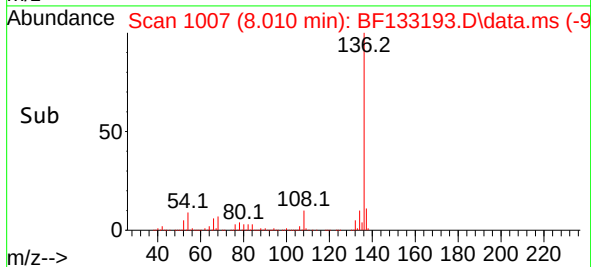
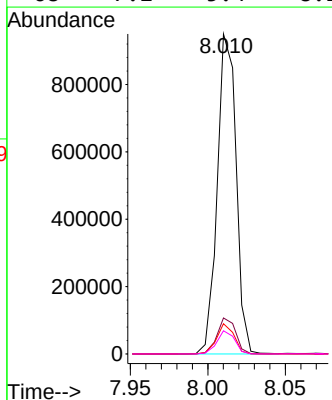
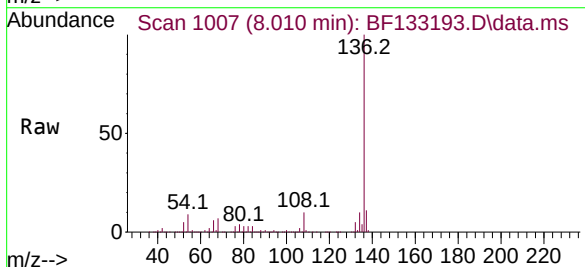
Instrument :
BNA_F
ClientSampleId :
RB-1

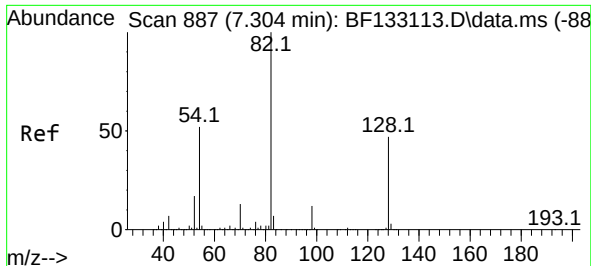
Tgt Ion: 99 Resp: 1360778
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 31.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

Tgt Ion: 136 Resp: 804358
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.4 7.0 10.4
68 7.2 5.4 8.2





#23

Nitrobenzene-d5

Concen: 55.023 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133193.D

Acq: 02 May 2023 17:21

Instrument :

BNA_F

ClientSampleId :

RB-1

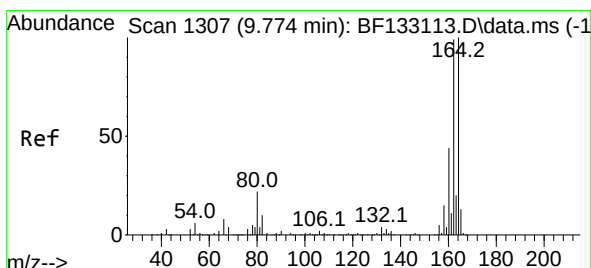
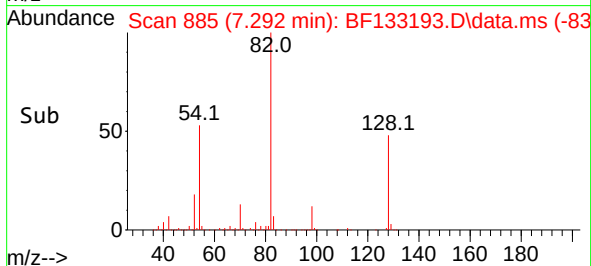
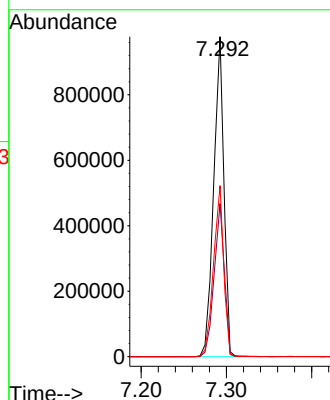
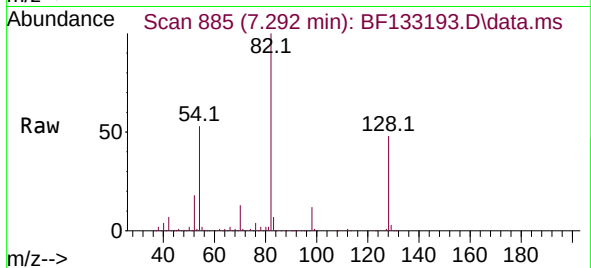
Tgt Ion: 82 Resp: 819944

Ion Ratio Lower Upper

82 100

128 47.8 37.7 56.5

54 53.5 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF133193.D

Acq: 02 May 2023 17:21

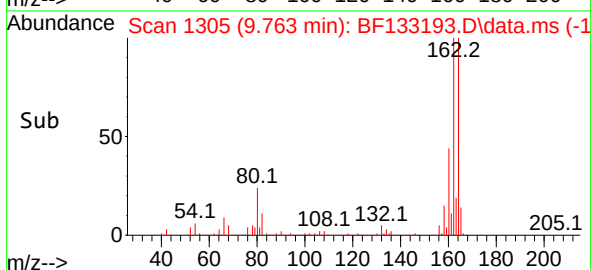
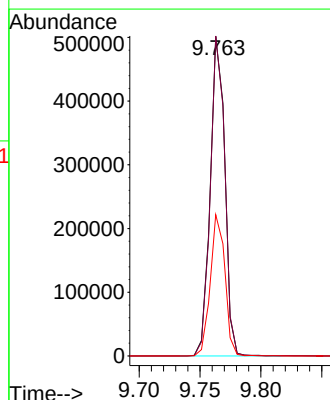
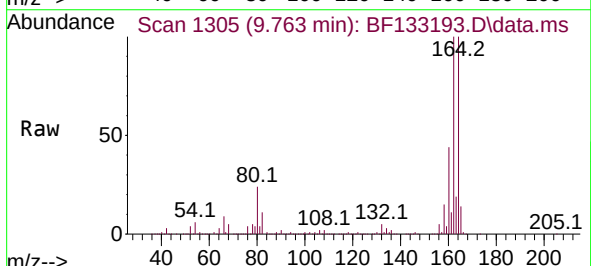
Tgt Ion:164 Resp: 416429

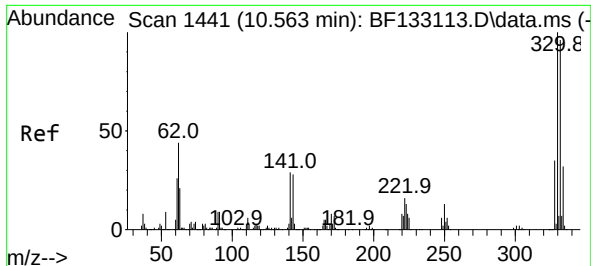
Ion Ratio Lower Upper

164 100

162 100.1 78.7 118.1

160 44.2 35.8 53.6

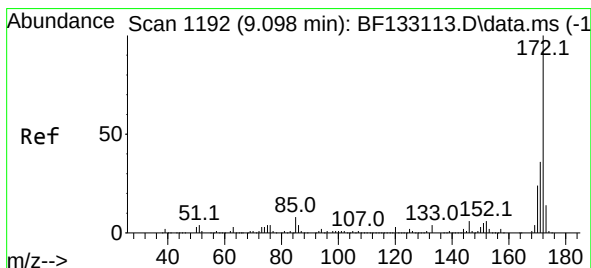
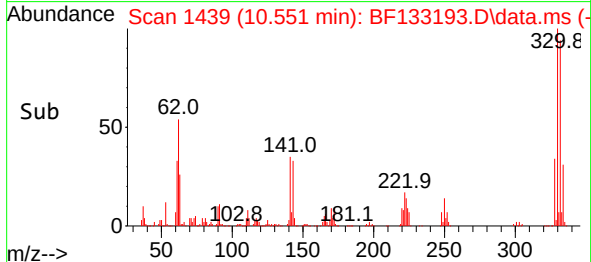
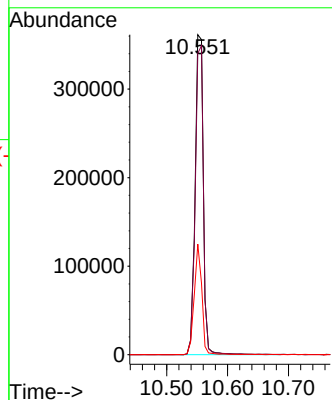
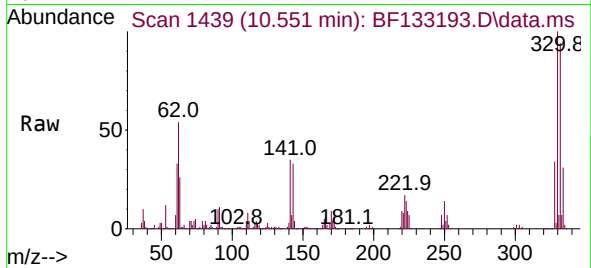




#42
2,4,6-Tribromophenol
Concen: 80.294 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

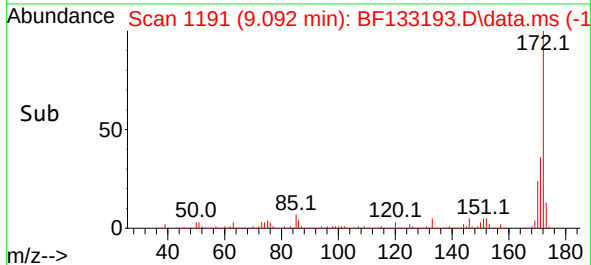
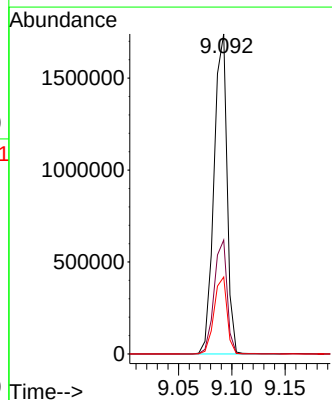
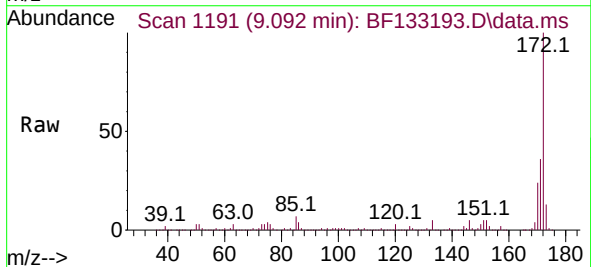
Instrument :
BNA_F
ClientSampleId :
RB-1

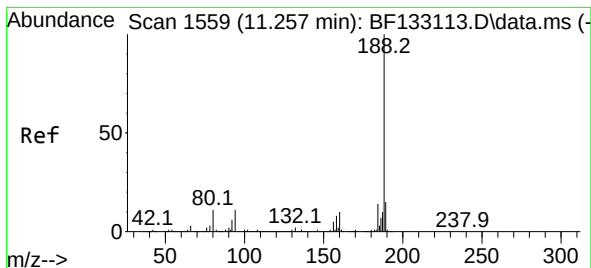
Tgt Ion: 330 Resp: 336271
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 32.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 59.875 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133193.D
Acq: 02 May 2023 17:21

Tgt Ion: 172 Resp: 1490357
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.1 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133193.D

Acq: 02 May 2023 17:21

Instrument :

BNA_F

ClientSampleId :

RB-1

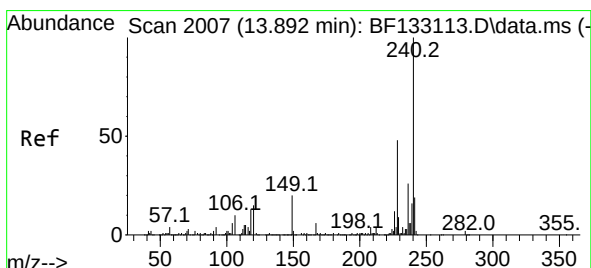
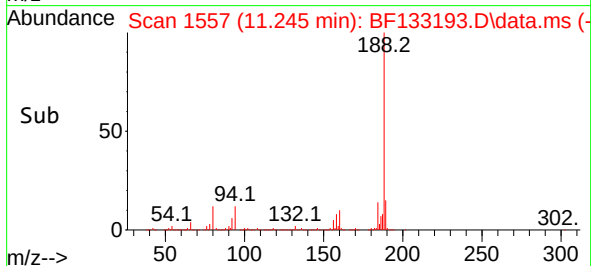
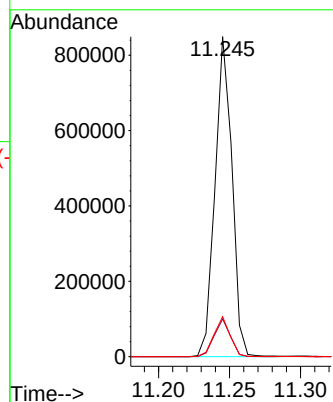
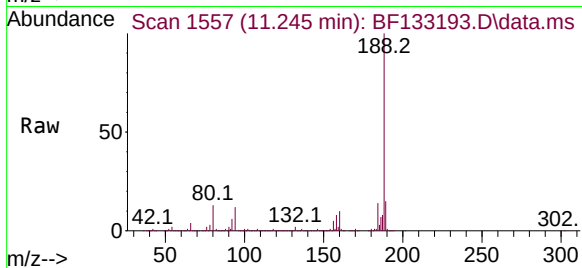
Tgt Ion:188 Resp: 705213

Ion Ratio Lower Upper

188 100

94 11.8 9.7 14.5

80 12.5 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF133193.D

Acq: 02 May 2023 17:21

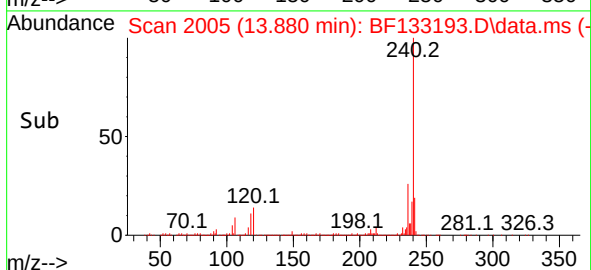
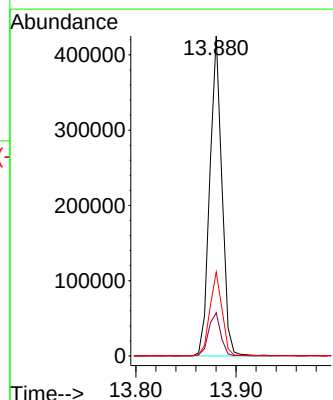
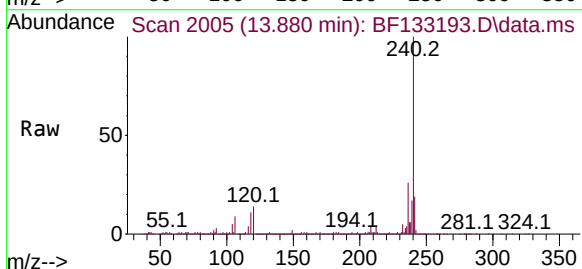
Tgt Ion:240 Resp: 359009

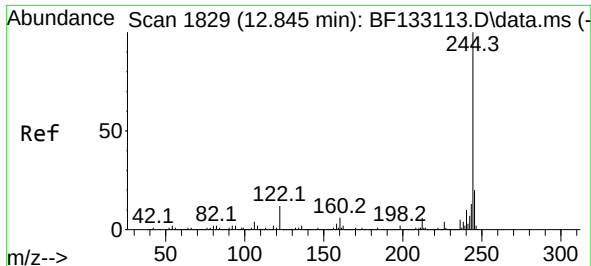
Ion Ratio Lower Upper

240 100

120 13.5 10.5 15.7

236 26.3 21.5 32.3

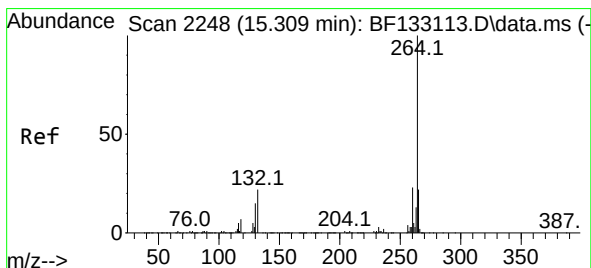
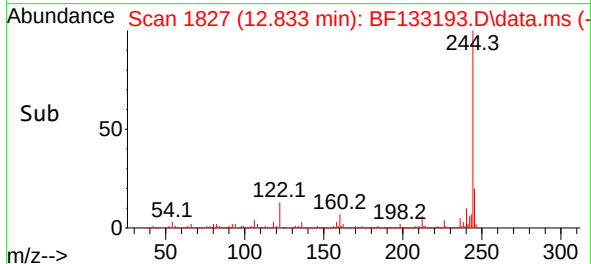
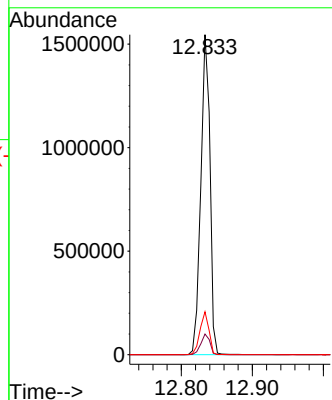
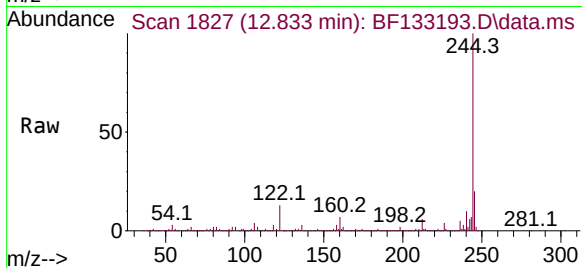




#79
 Terphenyl-d14
 Concen: 66.667 ng
 RT: 12.833 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133193.D
 Acq: 02 May 2023 17:21

Instrument :
 BNA_F
 ClientSampleId :
 RB-1

Tgt Ion:244 Resp: 1387758
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 13.4 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF133193.D
 Acq: 02 May 2023 17:21

Tgt Ion:264 Resp: 393469
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 20.8 17.0 25.4

