

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127208.D
 Acq On : 04 Mar 2022 18:42
 Operator : CG\JU
 Sample : N1793-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Mar 05 02:21:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84303	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	335329	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	180763	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	354297	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	253060	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	182050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	262445	48.115	ng	0.00
7) Phenol-d6	6.504	99	194168	26.381	ng	-0.01
23) Nitrobenzene-d5	7.445	82	631573	85.014	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	316386	152.018	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1083346	88.229	ng	0.00
79) Terphenyl-d14	12.998	244	1218478	70.782	ng	0.00

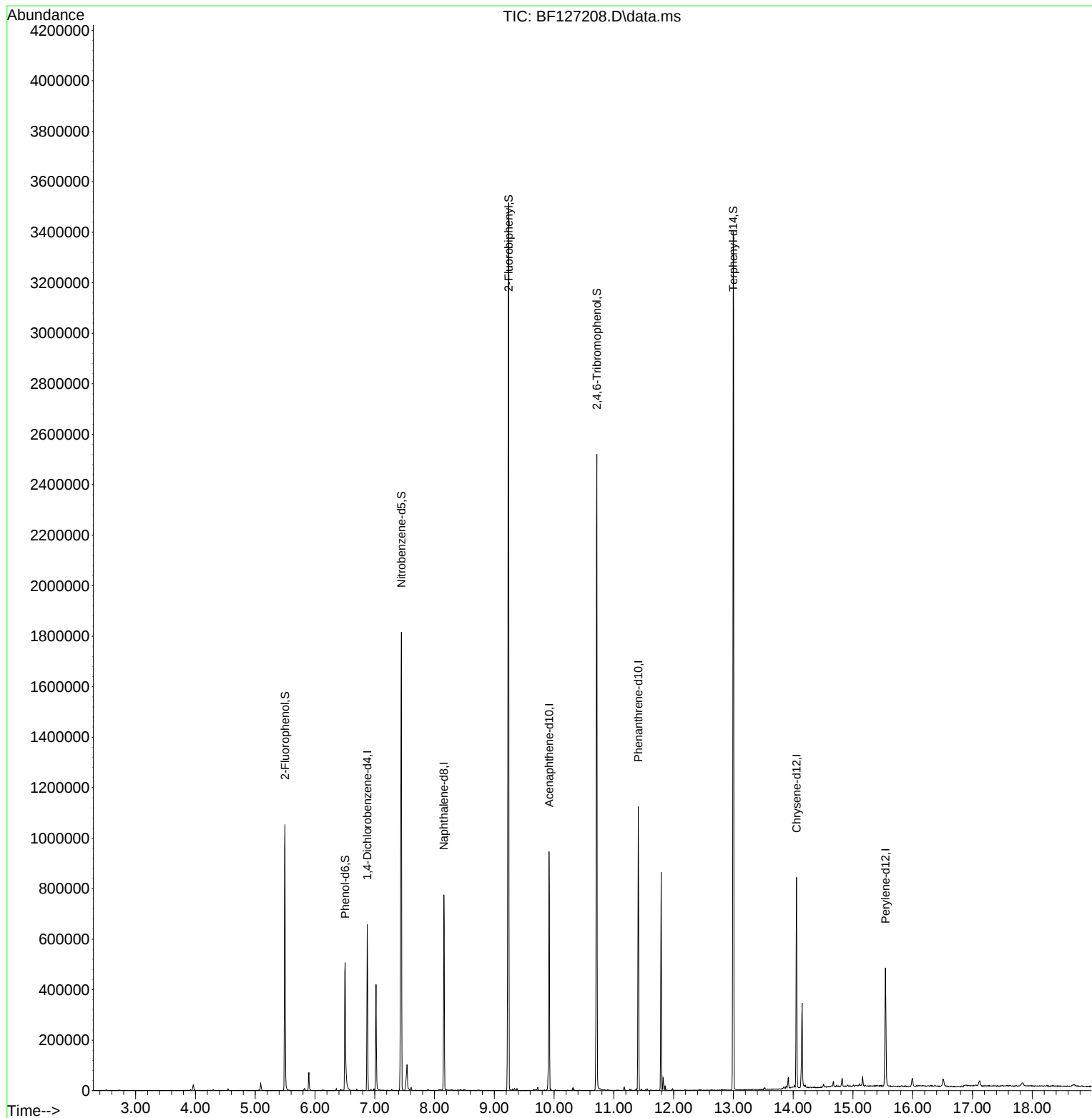
Target Compounds	Qvalue

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

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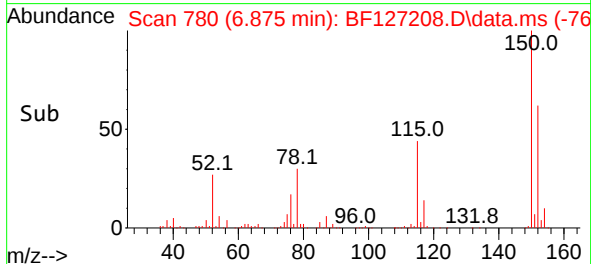
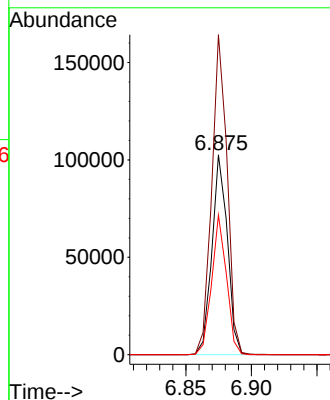
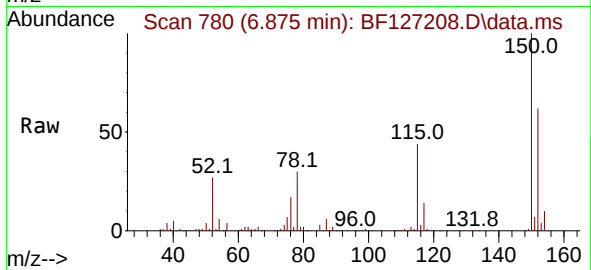




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127208.D
 Acq: 04 Mar 2022 18:42

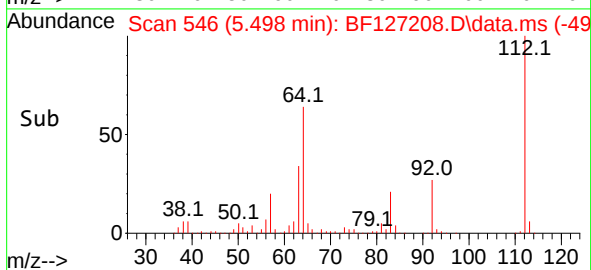
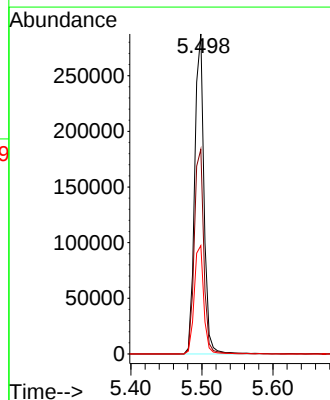
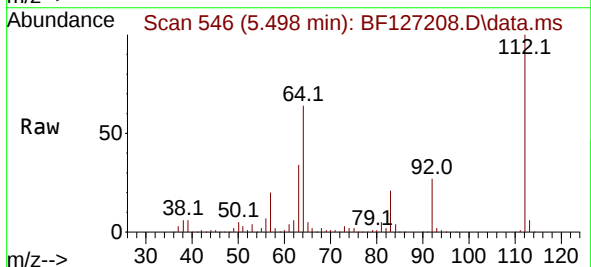
Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tgt Ion:152 Resp: 84303
 Ion Ratio Lower Upper
 152 100
 150 160.1 128.1 192.1
 115 69.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 48.115 ng
 RT: 5.498 min Scan# 546
 Delta R.T. -0.000 min
 Lab File: BF127208.D
 Acq: 04 Mar 2022 18:42

Tgt Ion:112 Resp: 262445
 Ion Ratio Lower Upper
 112 100
 64 63.9 49.5 74.3
 63 33.8 23.9 35.9

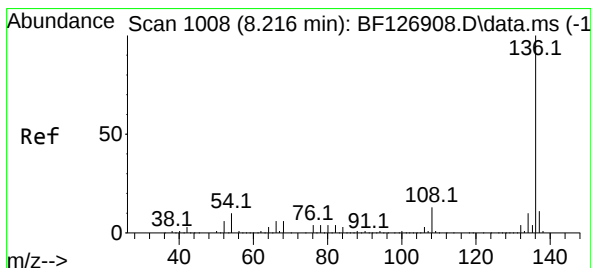
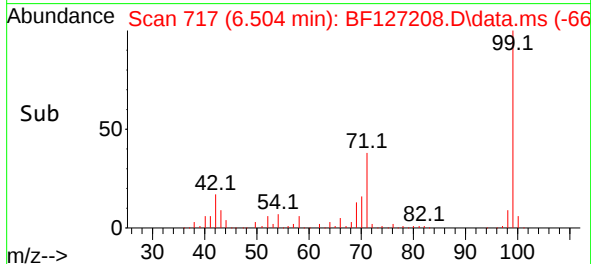
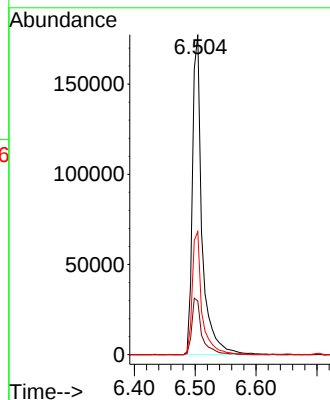
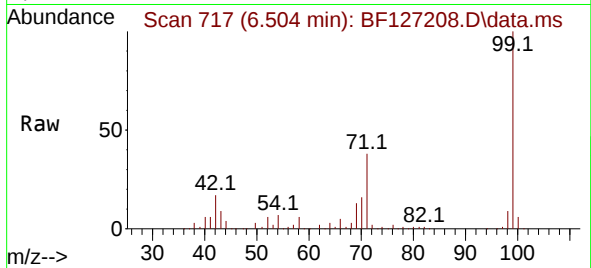




#7
Phenol-d6
Concen: 26.381 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127208.D
Acq: 04 Mar 2022 18:42

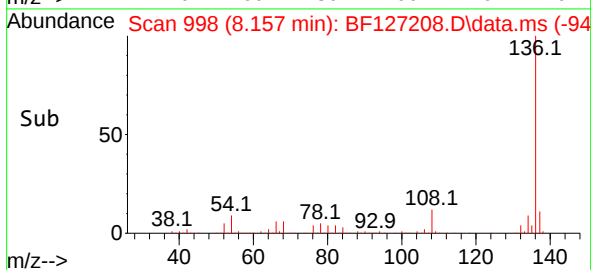
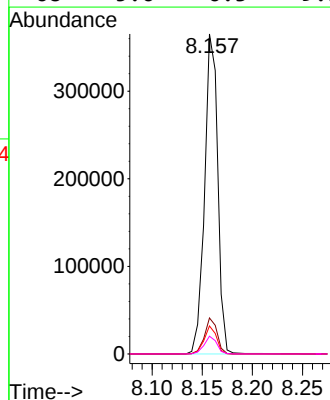
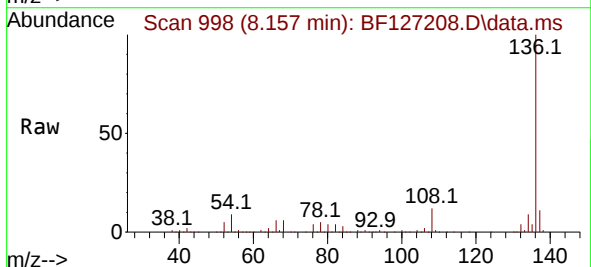
Instrument :
BNA_F
ClientSampleId :
SB-4

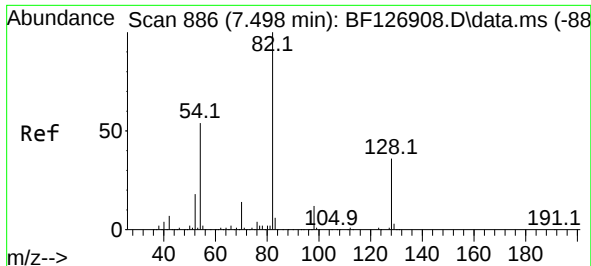
Tgt Ion: 99 Resp: 194168
Ion Ratio Lower Upper
99 100
42 16.8 14.2 21.4
71 38.4 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127208.D
Acq: 04 Mar 2022 18:42

Tgt Ion: 136 Resp: 335329
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.7 7.8 11.6
68 5.6 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 85.014 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127208.D

Acq: 04 Mar 2022 18:42

Instrument :

BNA_F

ClientSampleId :

SB-4

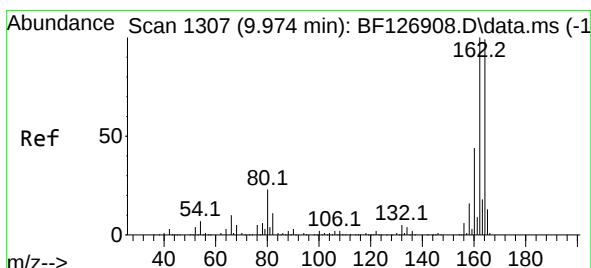
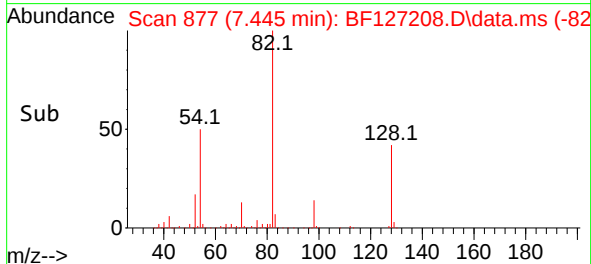
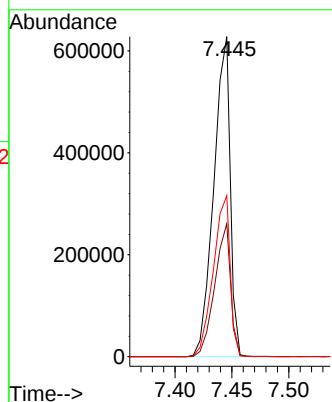
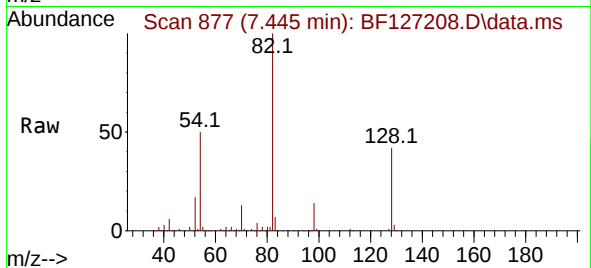
Tgt Ion: 82 Resp: 631573

Ion Ratio Lower Upper

82 100

128 41.6 32.7 49.1

54 50.3 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BF127208.D

Acq: 04 Mar 2022 18:42

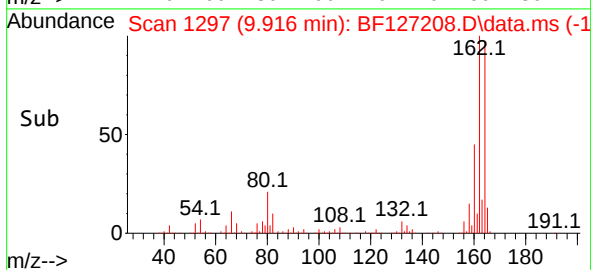
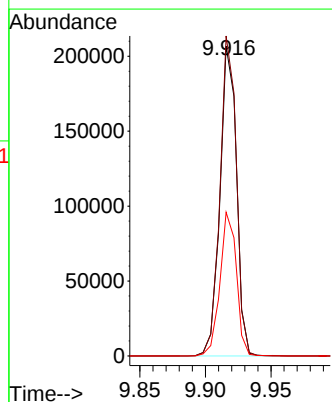
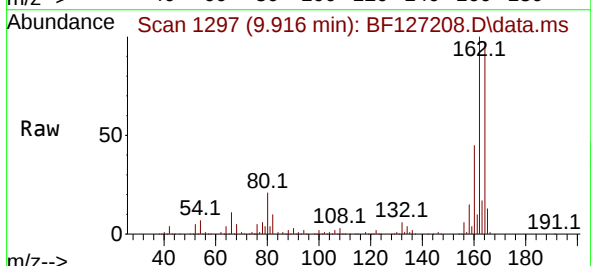
Tgt Ion:164 Resp: 180763

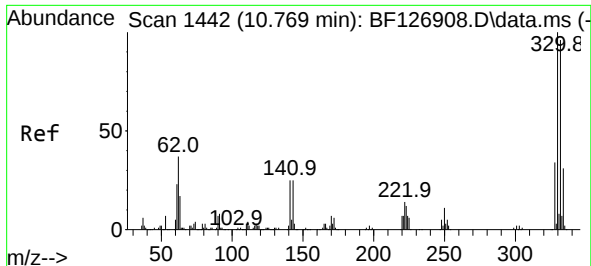
Ion Ratio Lower Upper

164 100

162 103.3 81.4 122.0

160 46.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 152.018 ng

RT: 10.716 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127208.D

Acq: 04 Mar 2022 18:42

Instrument :

BNA_F

ClientSampleId :

SB-4

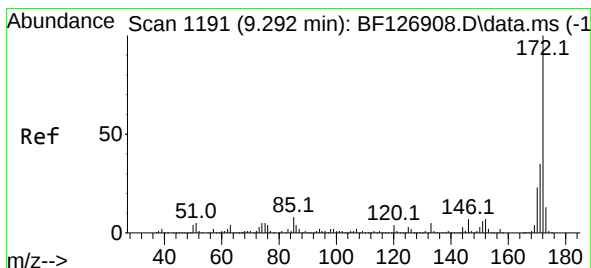
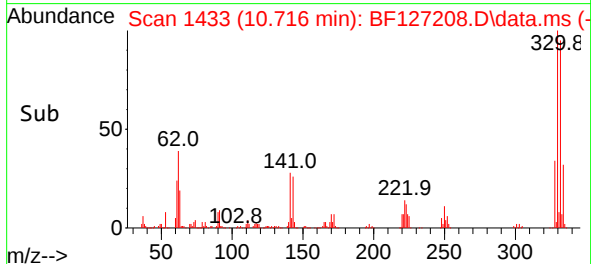
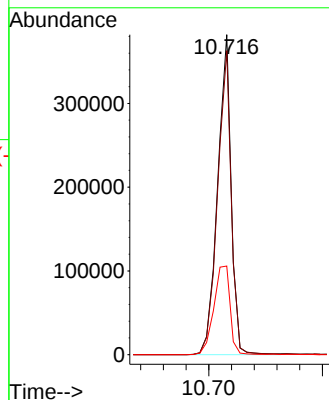
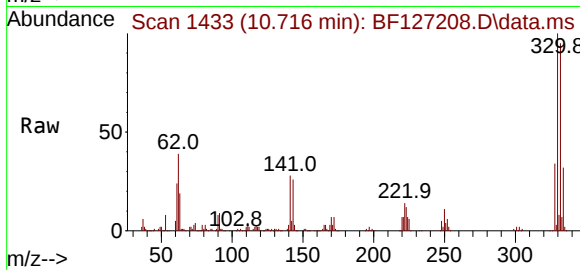
Tgt Ion:330 Resp: 316386

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 33.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 88.229 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF127208.D

Acq: 04 Mar 2022 18:42

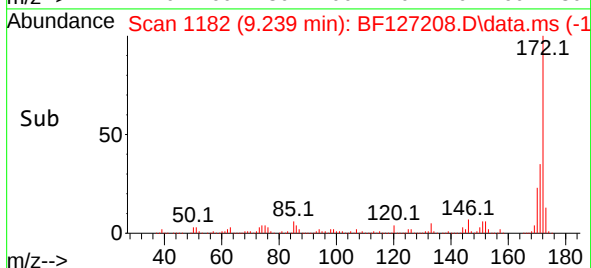
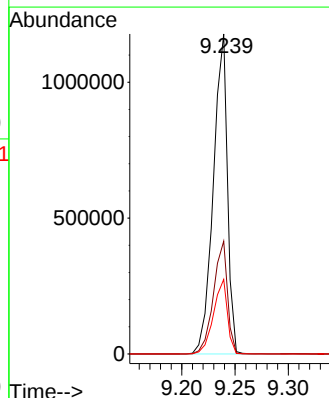
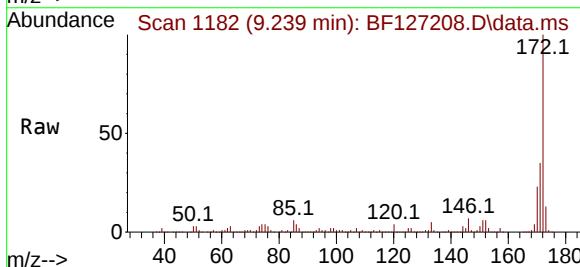
Tgt Ion:172 Resp: 1083346

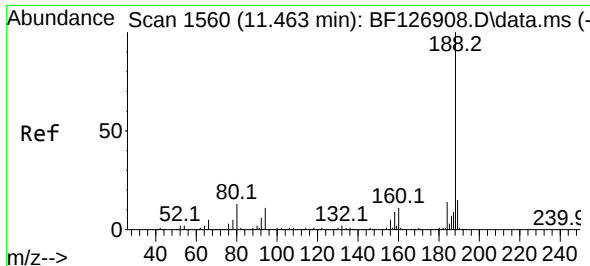
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 19.0 28.6

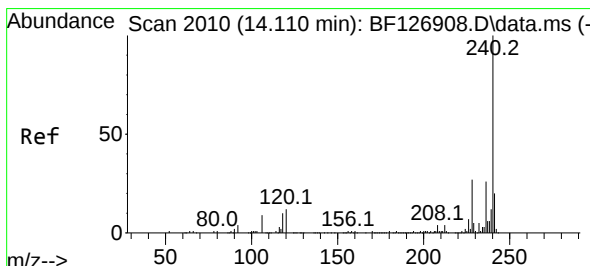
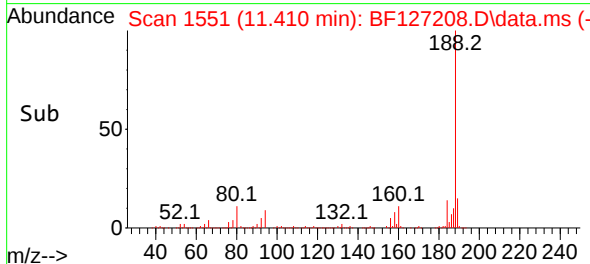
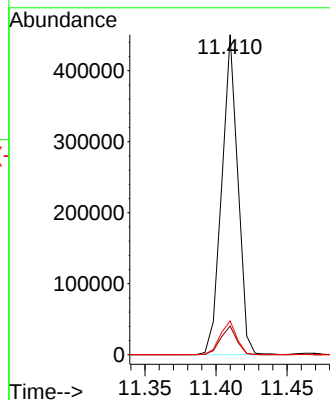
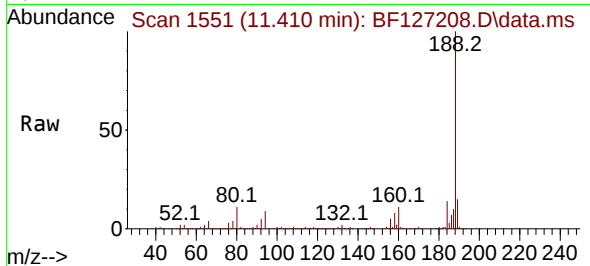




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127208.D
Acq: 04 Mar 2022 18:42

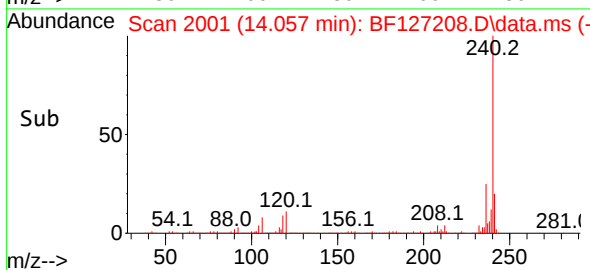
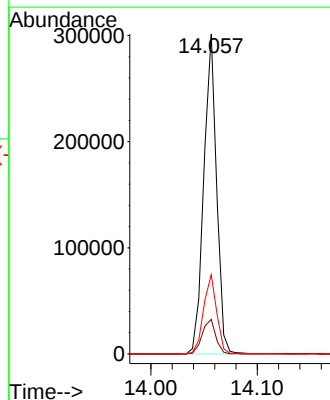
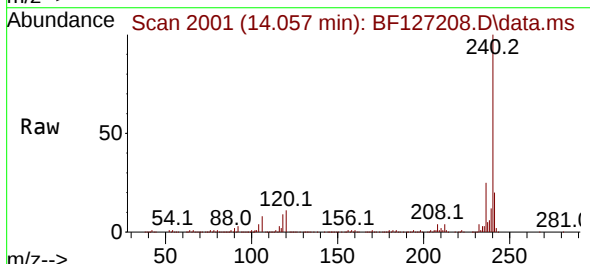
Instrument :
BNA_F
ClientSampleId :
SB-4

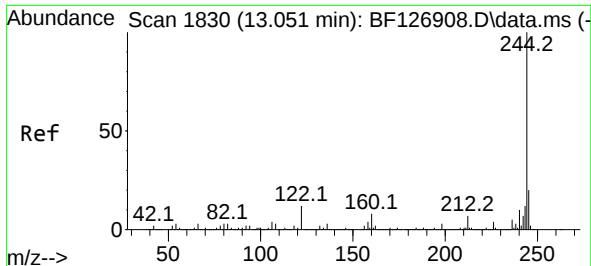
Tgt Ion:188 Resp: 354297
Ion Ratio Lower Upper
188 100
94 8.9 10.1 15.1#
80 10.6 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127208.D
Acq: 04 Mar 2022 18:42

Tgt Ion:240 Resp: 253060
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 24.7 20.5 30.7

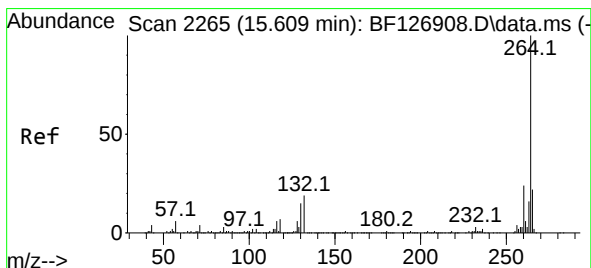
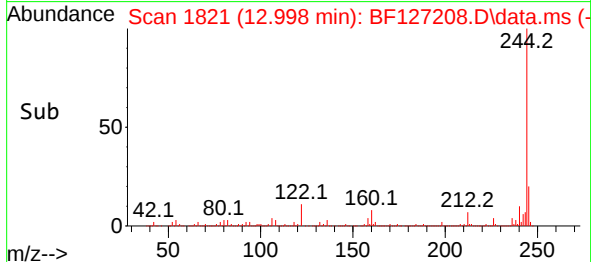
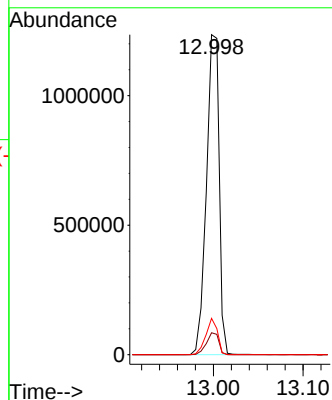
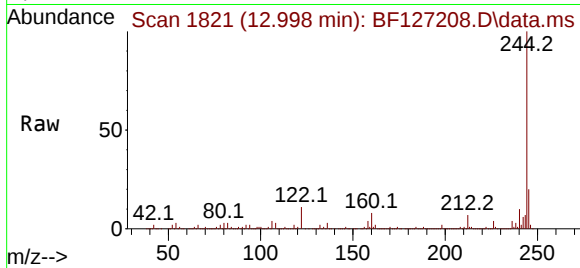




#79
 Terphenyl-d14
 Concen: 70.782 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127208.D
 Acq: 04 Mar 2022 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tgt Ion:244 Resp: 1218478
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 11.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2254
 Delta R.T. -0.000 min
 Lab File: BF127208.D
 Acq: 04 Mar 2022 18:42

Tgt Ion:264 Resp: 182050
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 20.1 17.4 26.2

