

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129908.D
 Acq On : 19 Aug 2022 13:01
 Operator : CG\JU
 Sample : N4227-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Aug 20 07:42:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	116250	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	465248	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	241725	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	379054	20.000	ng	0.00
76) Chrysene-d12	13.974	240	204618	20.000	ng	0.00
86) Perylene-d12	15.439	264	252429	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	693413	98.760	ng	0.00
7) Phenol-d6	6.445	99	855930	97.348	ng	0.00
23) Nitrobenzene-d5	7.363	82	544674	62.671	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	204180	84.161	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1019878	64.081	ng	0.00
79) Terphenyl-d14	12.910	244	823979	67.005	ng	0.00

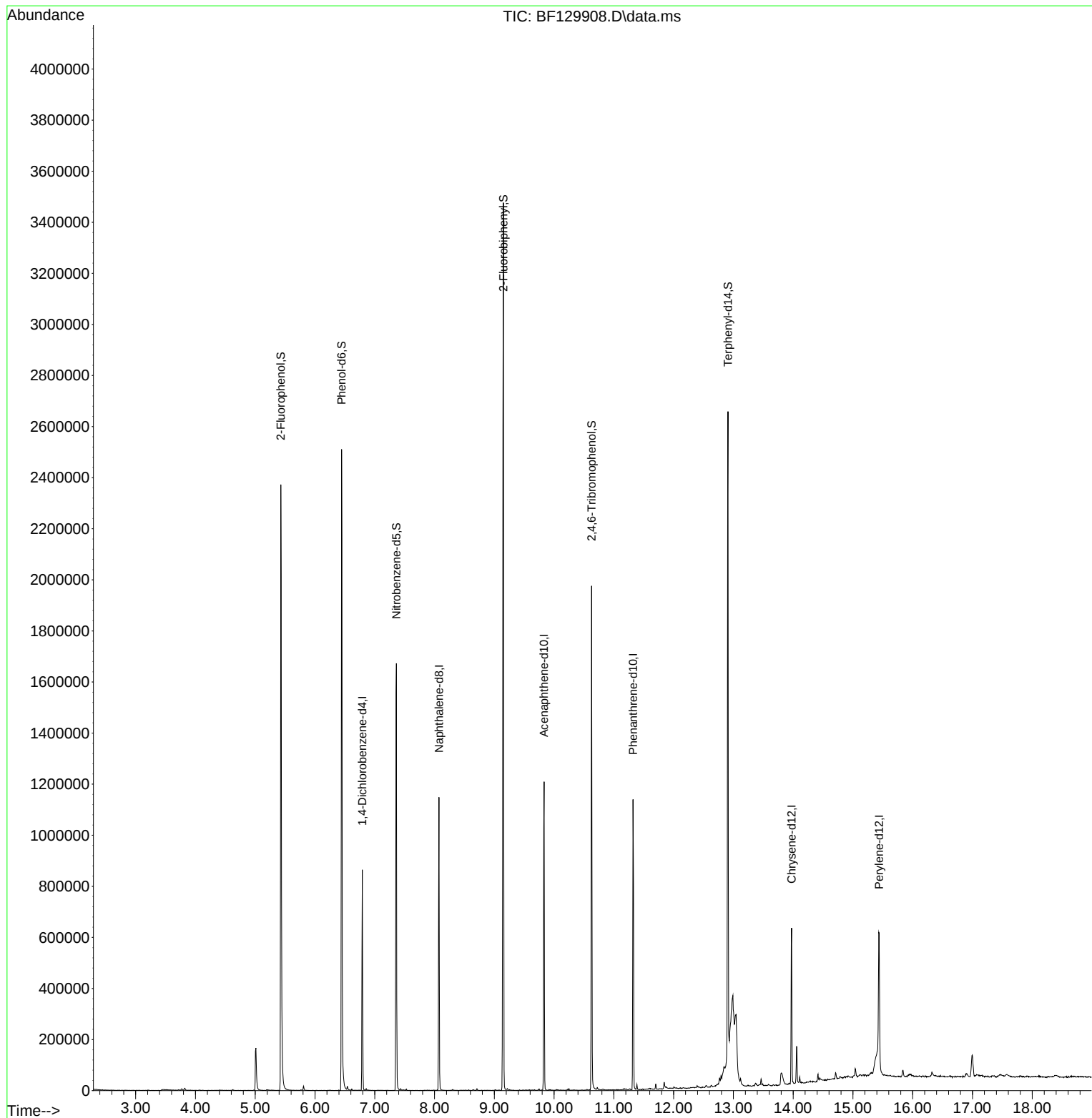
Target Compounds	Qvalue

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

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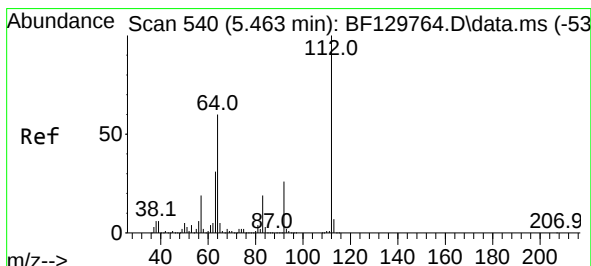
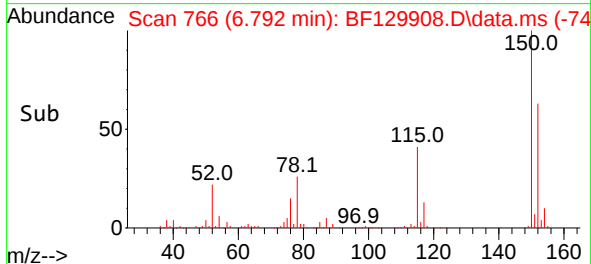
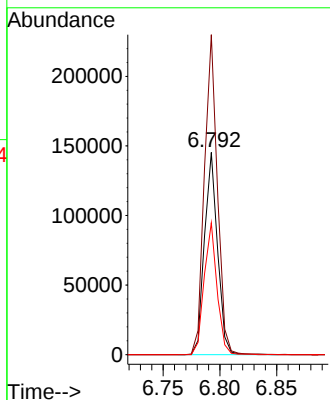
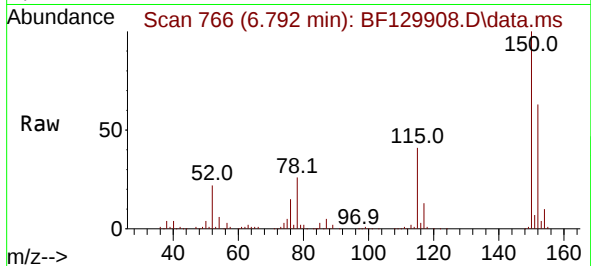




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129908.D
Acq: 19 Aug 2022 13:01

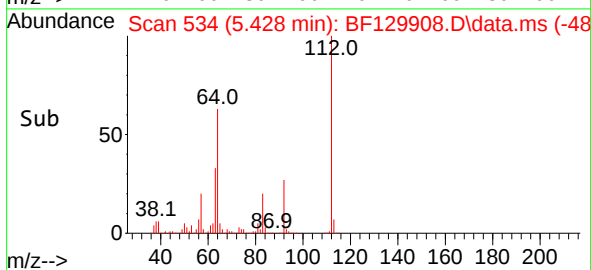
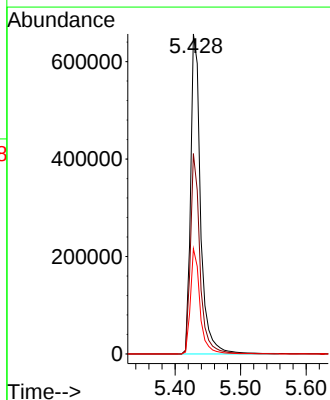
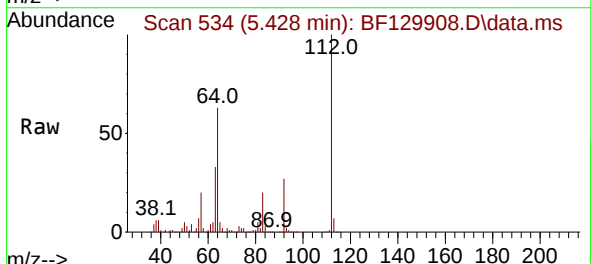
Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:152 Resp: 116250
Ion Ratio Lower Upper
152 100
150 158.2 126.9 190.3
115 65.2 53.4 80.0



#5
2-Fluorophenol
Concen: 98.760 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129908.D
Acq: 19 Aug 2022 13:01

Tgt Ion:112 Resp: 693413
Ion Ratio Lower Upper
112 100
64 62.6 47.6 71.4
63 32.9 24.6 37.0

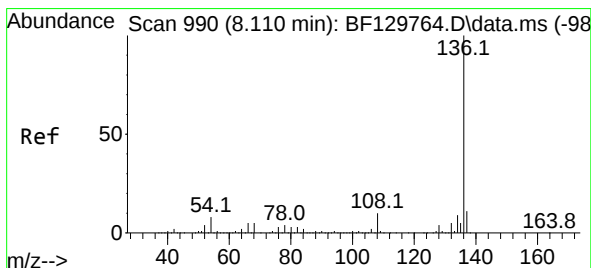
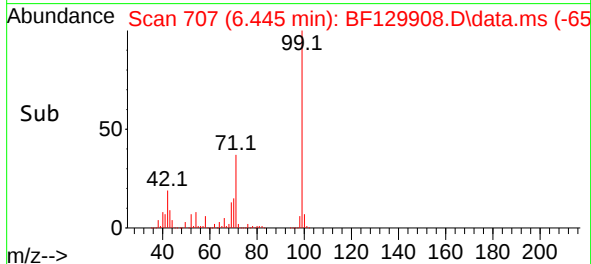
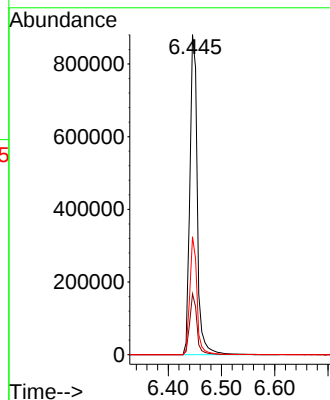
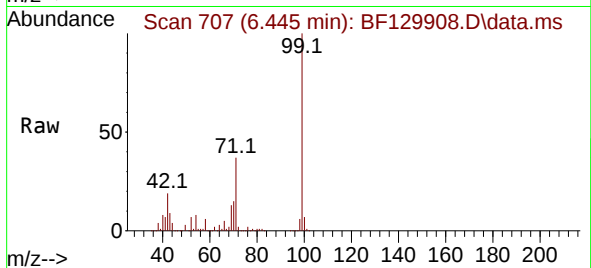




#7
Phenol-d6
Concen: 97.348 ng
RT: 6.445 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129908.D
Acq: 19 Aug 2022 13:01

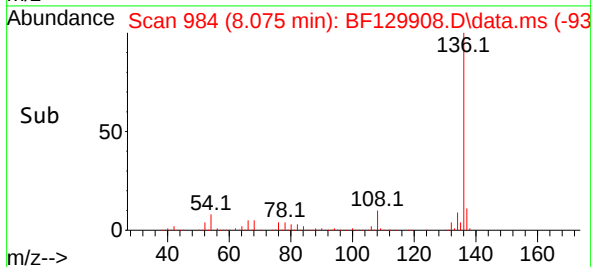
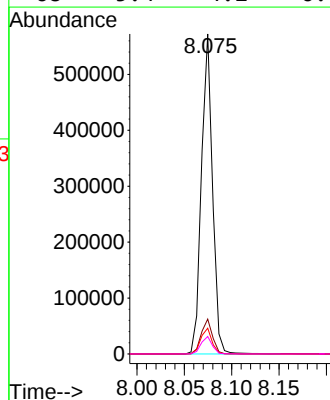
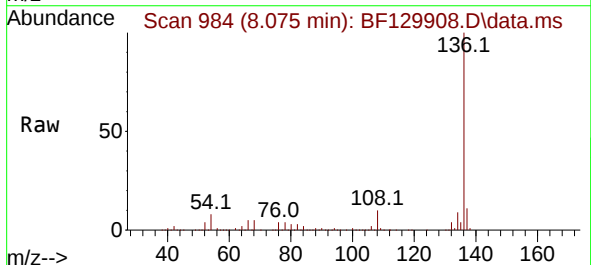
Instrument :
BNA_F
ClientSampleId :
SP-2

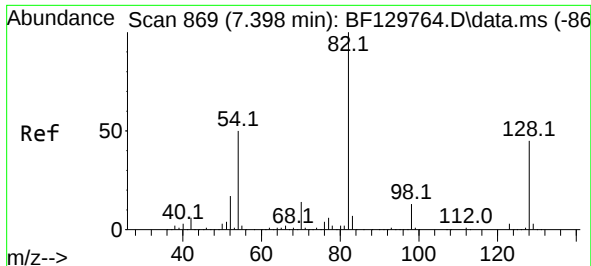
Tgt Ion: 99 Resp: 855930
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.4
71 36.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129908.D
Acq: 19 Aug 2022 13:01

Tgt Ion: 136 Resp: 465248
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.1 6.2 9.2
68 5.4 4.2 6.4

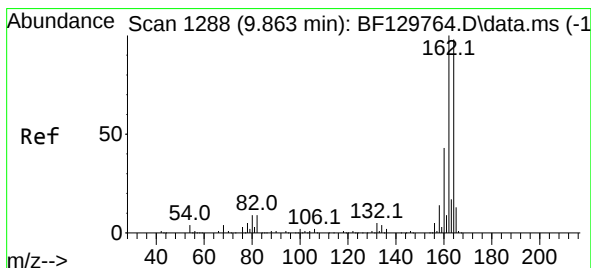
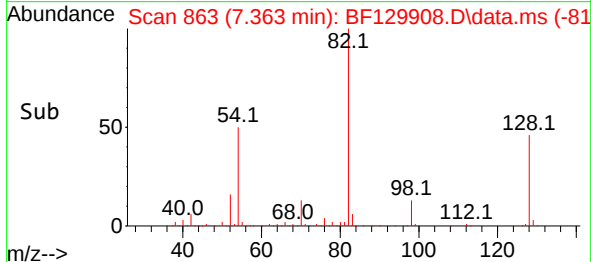
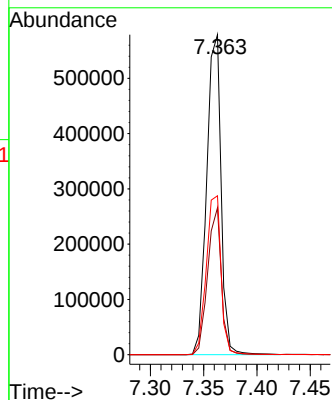
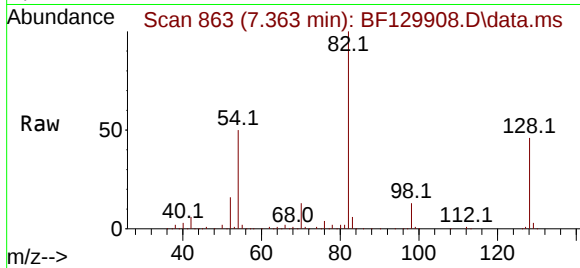




#23
Nitrobenzene-d5
Concen: 62.671 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129908.D
Acq: 19 Aug 2022 13:01

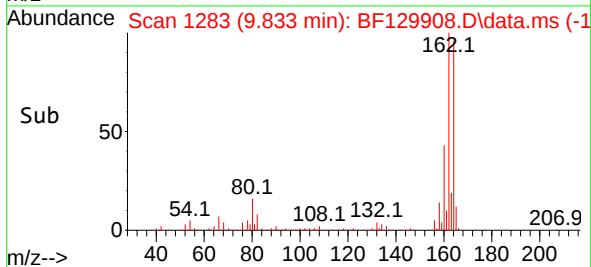
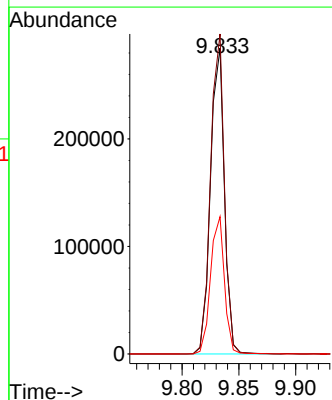
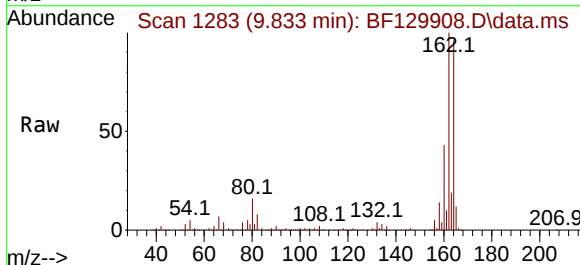
Instrument :
BNA_F
ClientSampleId :
SP-2

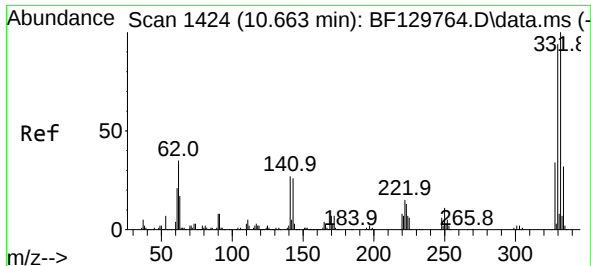
Tgt Ion: 82 Resp: 544674
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 49.7 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF129908.D
Acq: 19 Aug 2022 13:01

Tgt Ion:164 Resp: 241725
Ion Ratio Lower Upper
164 100
162 104.6 82.0 123.0
160 44.9 35.4 53.0

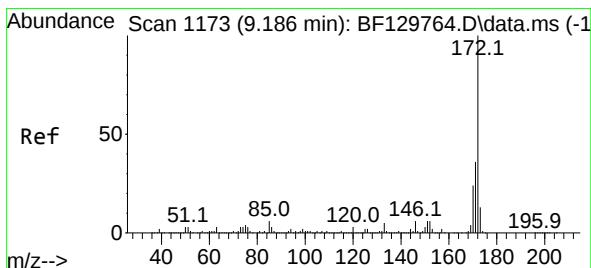
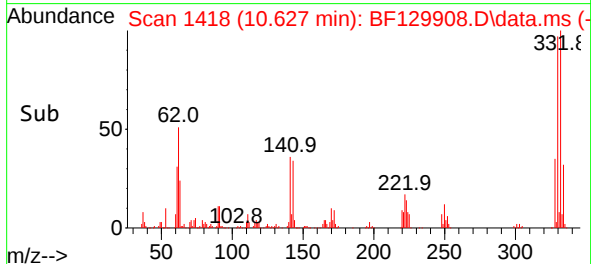
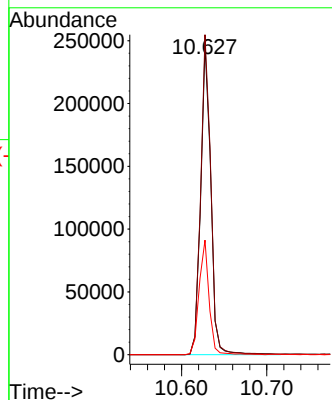
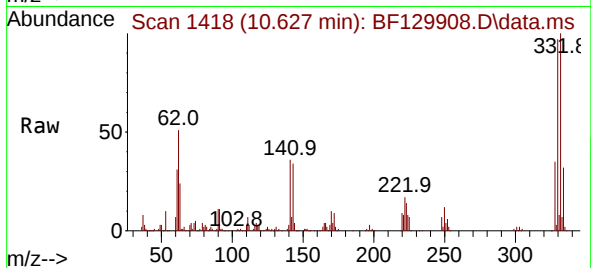




#42
2,4,6-Tribromophenol
Concen: 84.161 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129908.D
Acq: 19 Aug 2022 13:01

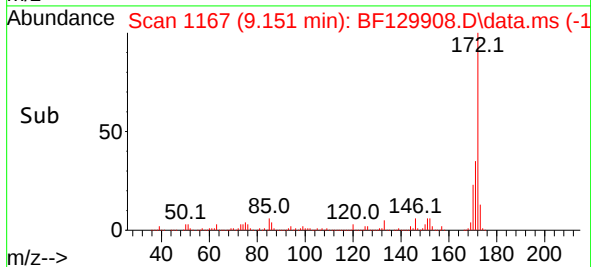
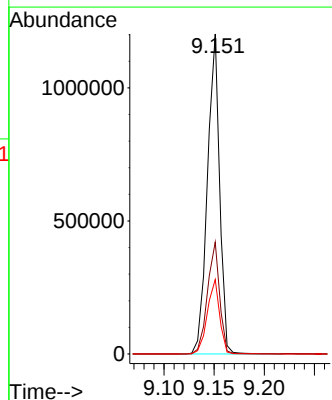
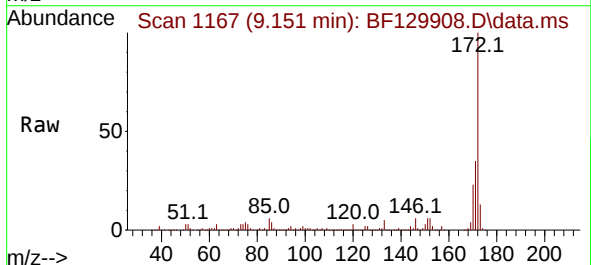
Instrument :
BNA_F
ClientSampleId :
SP-2

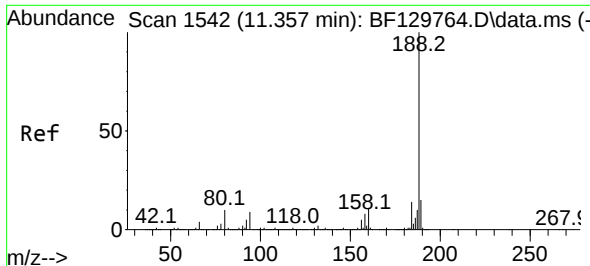
Tgt Ion:330 Resp: 204180
Ion Ratio Lower Upper
330 100
332 103.2 82.6 124.0
141 36.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 64.081 ng
RT: 9.151 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF129908.D
Acq: 19 Aug 2022 13:01

Tgt Ion:172 Resp: 1019878
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.2 19.1 28.7

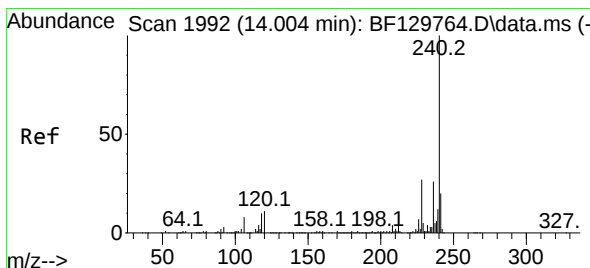
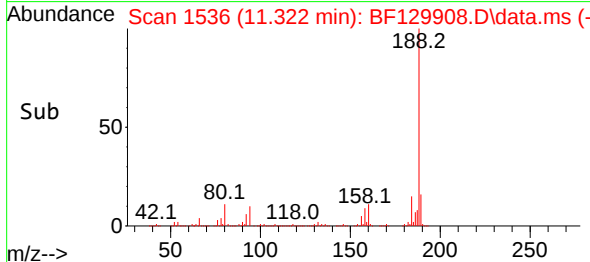
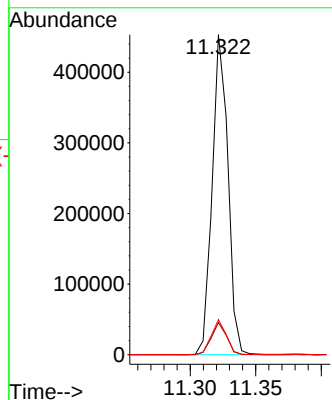
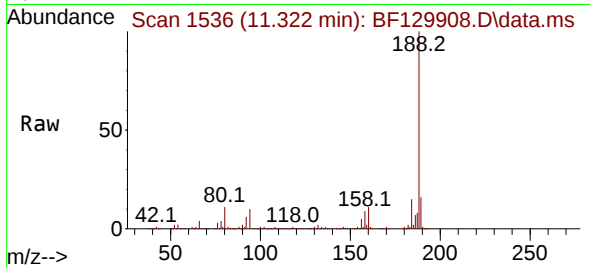




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129908.D
Acq: 19 Aug 2022 13:01

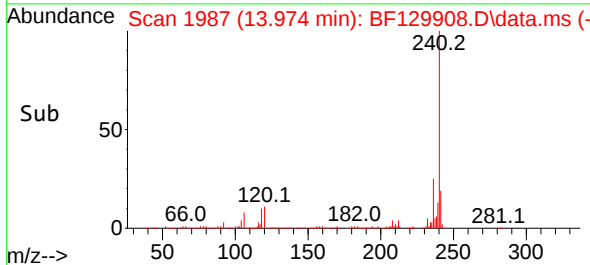
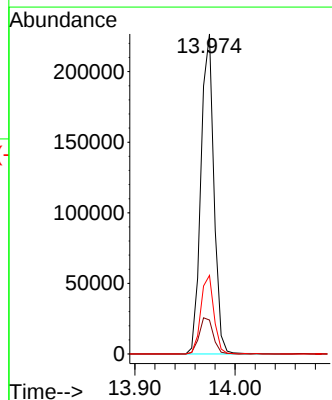
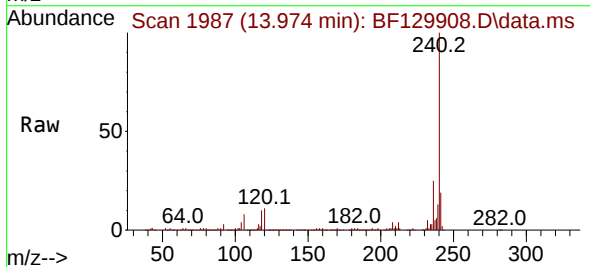
Instrument :
BNA_F
ClientSampleId :
SP-2

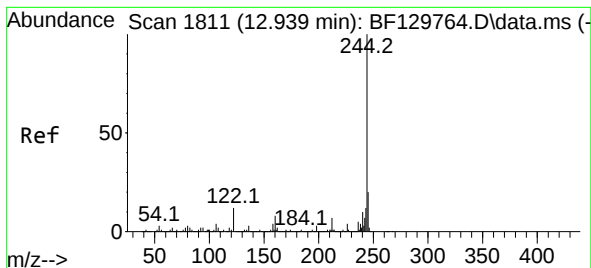
Tgt Ion:188 Resp: 379054
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF129908.D
Acq: 19 Aug 2022 13:01

Tgt Ion:240 Resp: 204618
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 24.5 20.7 31.1





#79

Terphenyl-d14

Concen: 67.005 ng

RT: 12.910 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129908.D

Acq: 19 Aug 2022 13:01

Instrument :

BNA_F

ClientSampleId :

SP-2

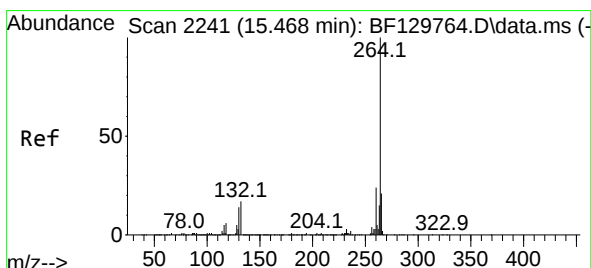
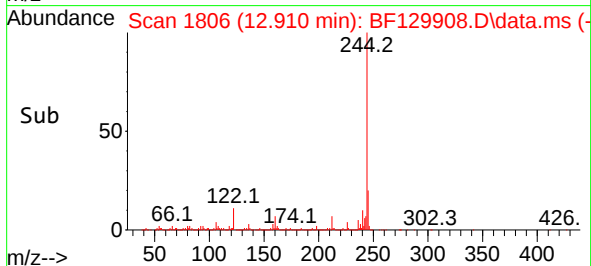
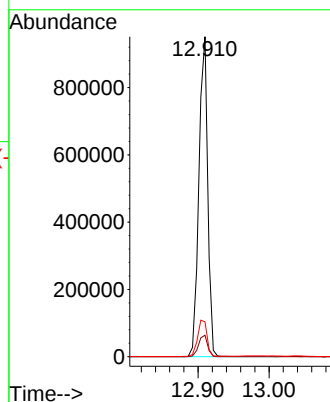
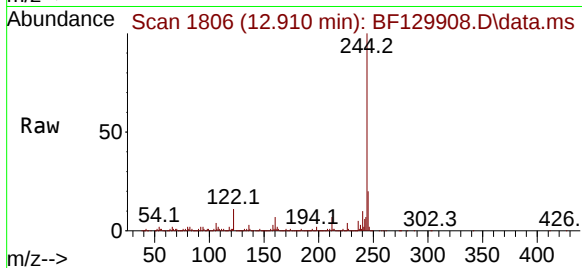
Tgt Ion:244 Resp: 823979

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 10.9 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2236

Delta R.T. 0.012 min

Lab File: BF129908.D

Acq: 19 Aug 2022 13:01

Tgt Ion:264 Resp: 252429

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.2 16.7 25.1

