

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129876.D
 Acq On : 18 Aug 2022 15:16
 Operator : CG\JU
 Sample : N4200-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S9

Quant Time: Aug 19 00:58:39 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	139254	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	558437	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	300910	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	476810	20.000	ng	0.00
76) Chrysene-d12	13.968	240	228571	20.000	ng	0.00
86) Perylene-d12	15.427	264	257263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1035092	123.070	ng	0.01
7) Phenol-d6	6.451	99	1200817	114.012	ng	0.00
23) Nitrobenzene-d5	7.363	82	888643	85.185	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	403315	133.544	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1621148	81.825	ng	0.00
79) Terphenyl-d14	12.910	244	1359727	98.984	ng	0.00

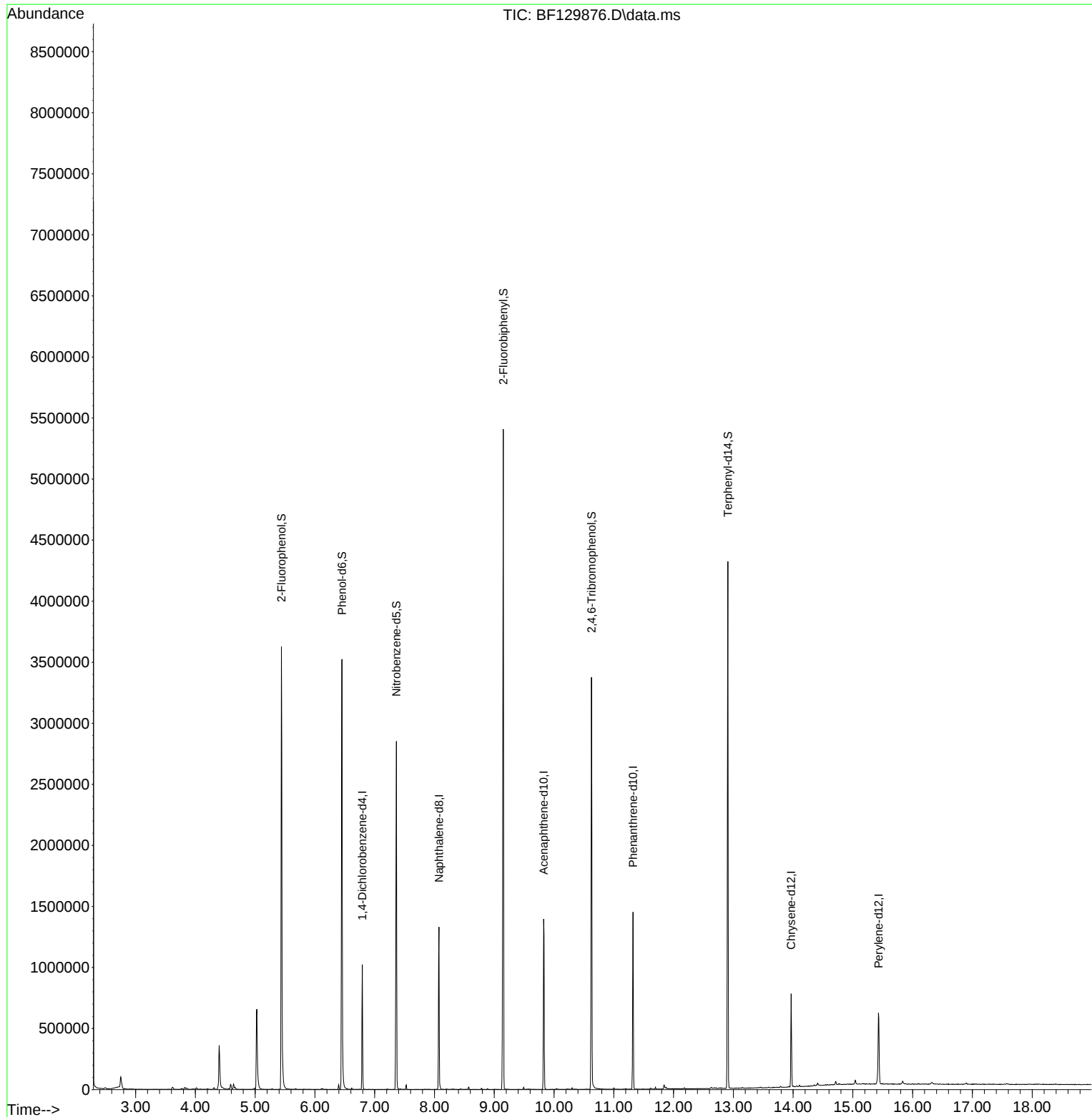
Target Compounds Qvalue

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

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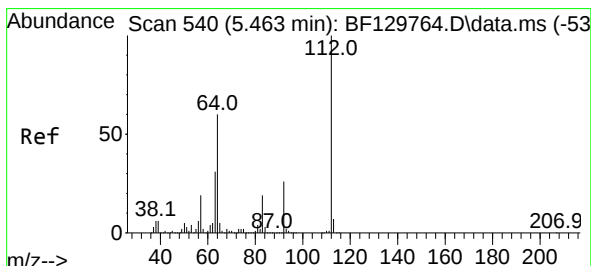
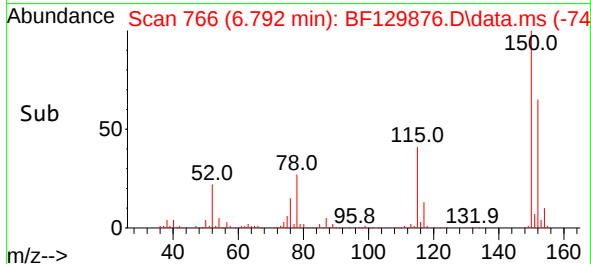
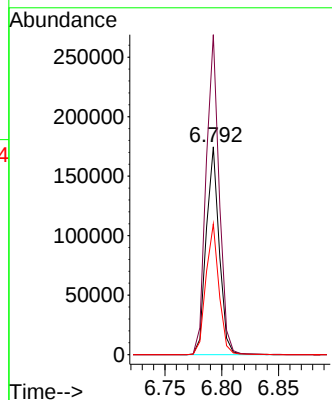
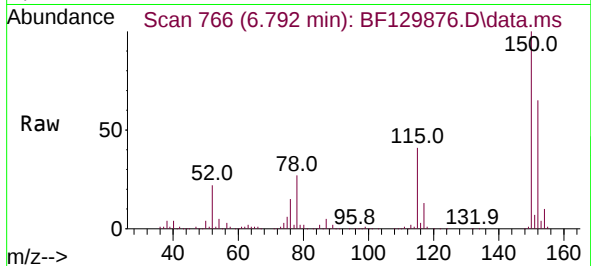




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

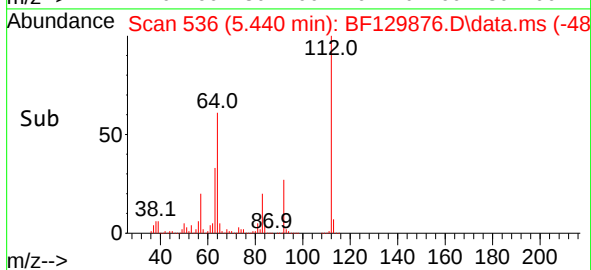
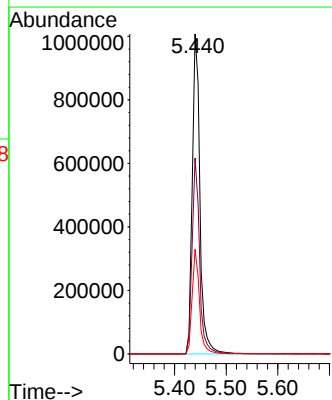
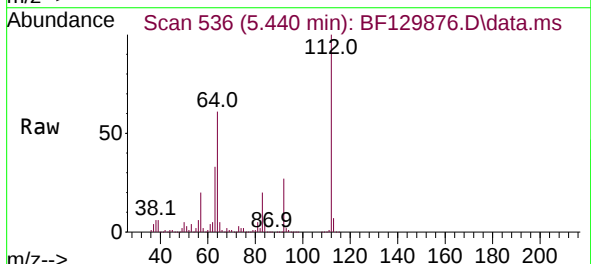
Instrument :
BNA_F
ClientSampleId :
S9

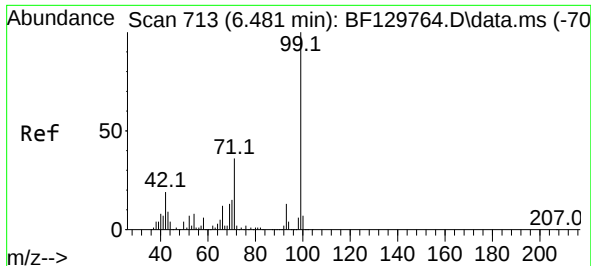
Tgt Ion:152 Resp: 139254
Ion Ratio Lower Upper
152 100
150 154.1 126.9 190.3
115 62.9 53.4 80.0



#5
2-Fluorophenol
Concen: 123.070 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.012 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

Tgt Ion:112 Resp: 1035092
Ion Ratio Lower Upper
112 100
64 61.2 47.6 71.4
63 32.7 24.6 37.0

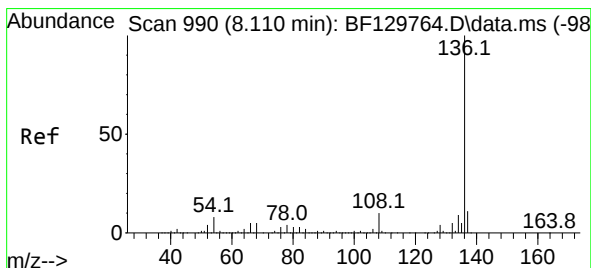
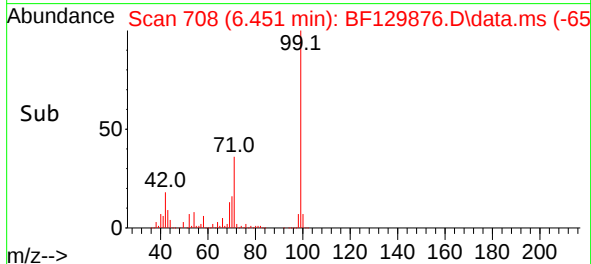
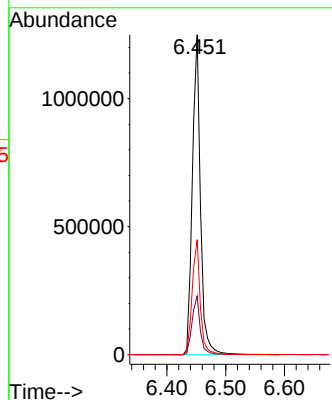
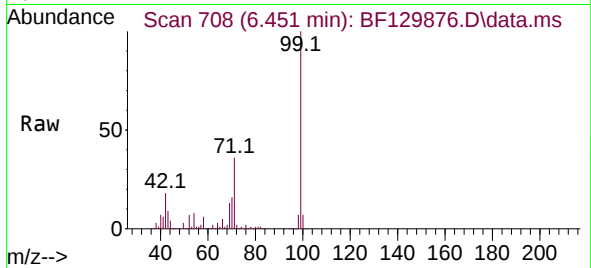




#7
Phenol-d6
Concen: 114.012 ng
RT: 6.451 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

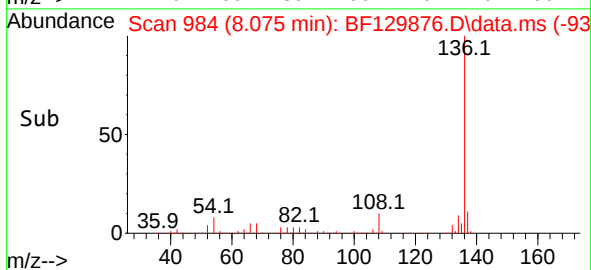
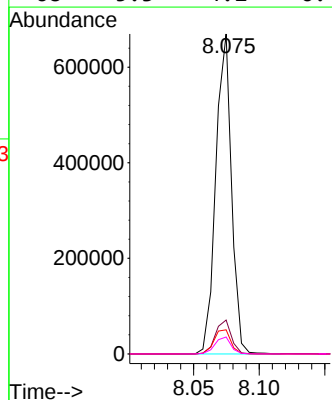
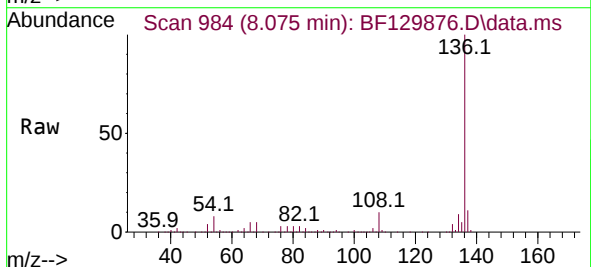
Instrument :
BNA_F
ClientSampleId :
S9

Tgt Ion: 99 Resp: 1200817
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 35.9 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: BF129876.D
Acq: 18 Aug 2022 15:16

Tgt Ion: 136 Resp: 558437
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.5 6.2 9.2
68 5.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 85.185 ng

RT: 7.363 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129876.D

Acq: 18 Aug 2022 15:16

Instrument :

BNA_F

ClientSampleId :

S9

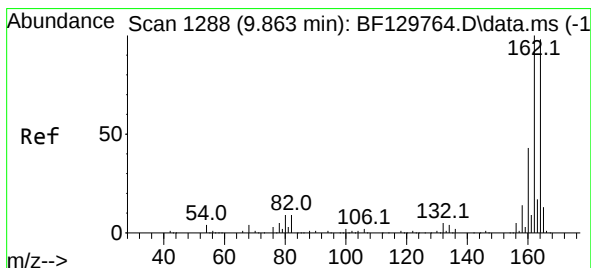
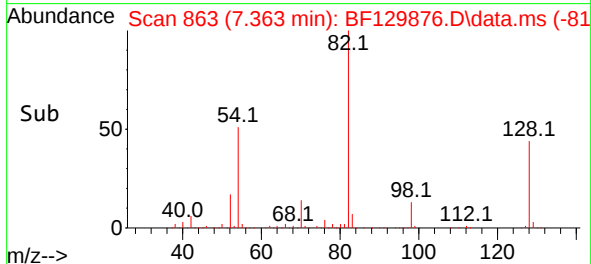
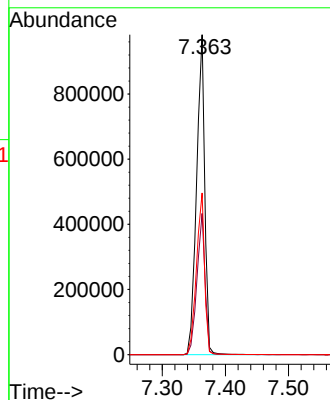
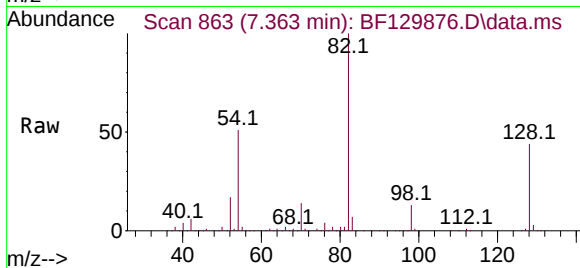
Tgt Ion: 82 Resp: 888643

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

54 50.5 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF129876.D

Acq: 18 Aug 2022 15:16

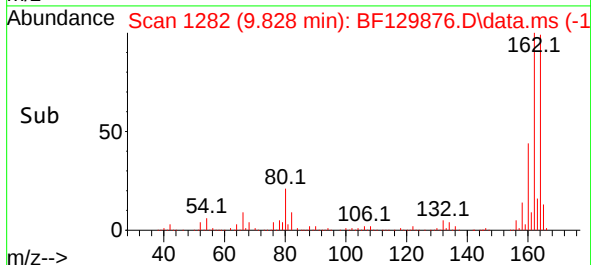
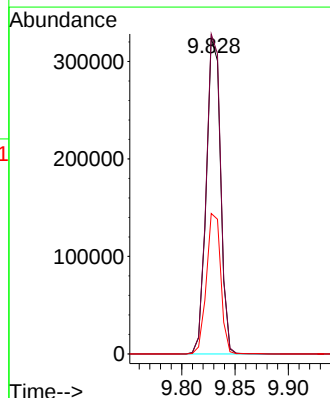
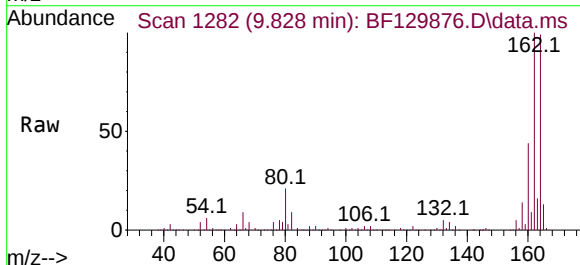
Tgt Ion:164 Resp: 300910

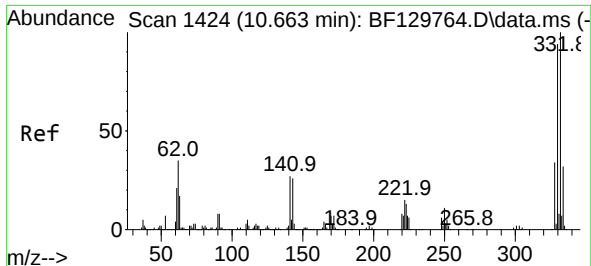
Ion Ratio Lower Upper

164 100

162 101.3 82.0 123.0

160 44.4 35.4 53.0

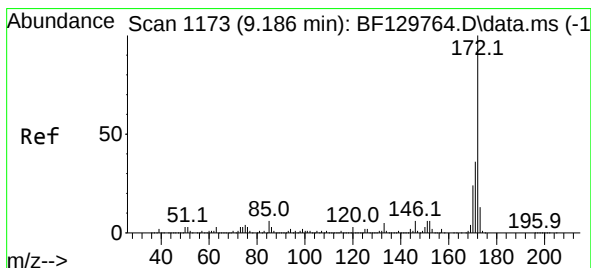
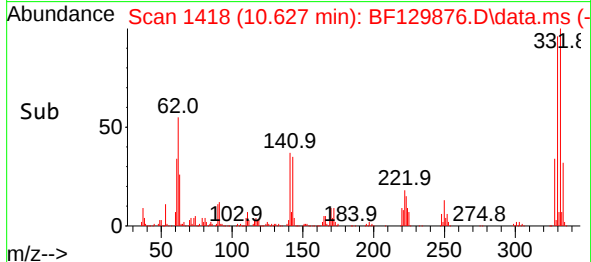
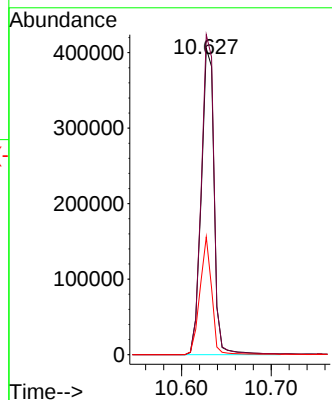
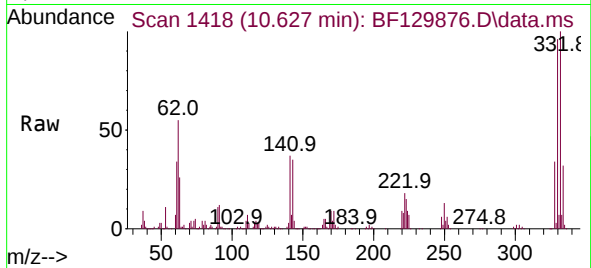




#42
2,4,6-Tribromophenol
Concen: 133.544 ng
RT: 10.627 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

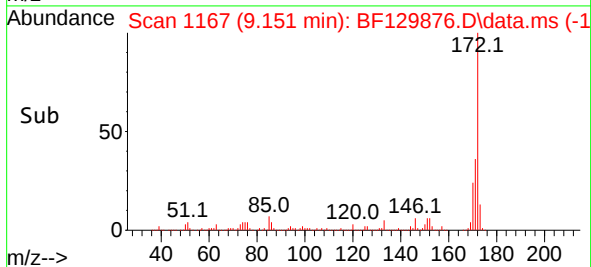
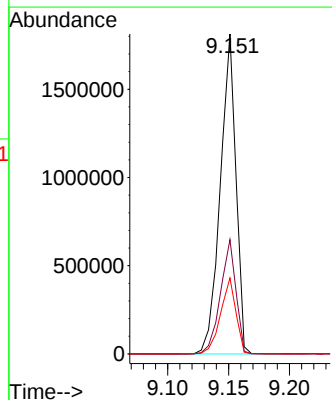
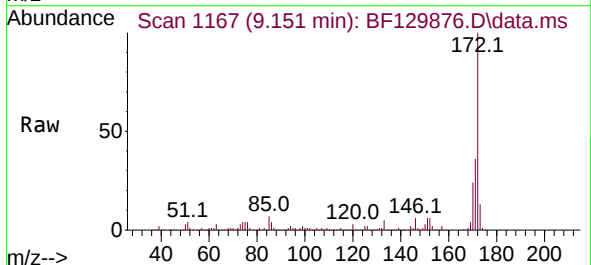
Instrument :
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ClientSampleId :
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Tgt Ion:330 Resp: 403315
Ion Ratio Lower Upper
330 100
332 103.6 82.6 124.0
141 35.3 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 81.825 ng
RT: 9.151 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

Tgt Ion:172 Resp: 1621148
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.7 19.1 28.7

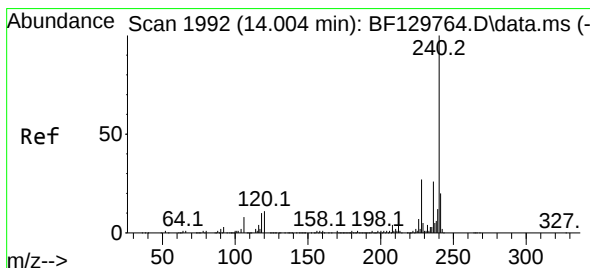
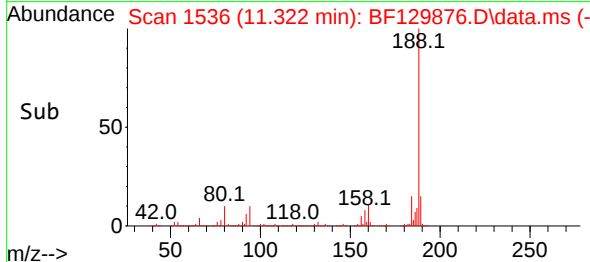
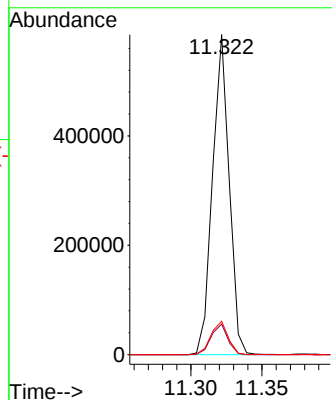
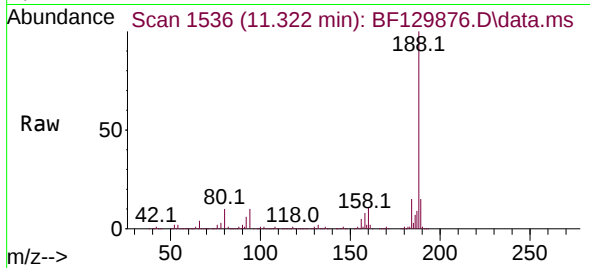




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

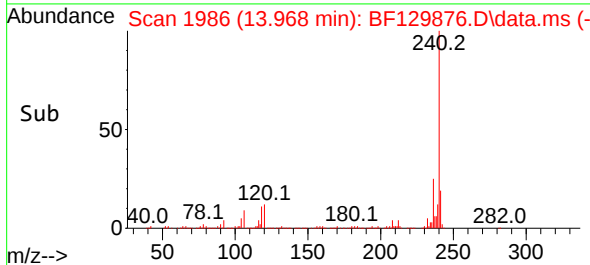
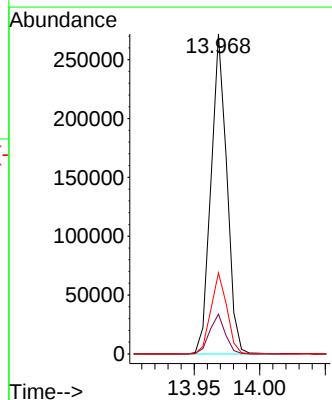
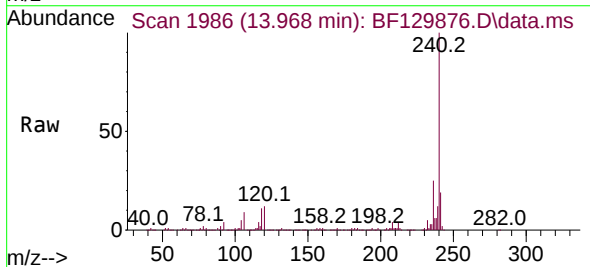
Instrument :
BNA_F
ClientSampleId :
S9

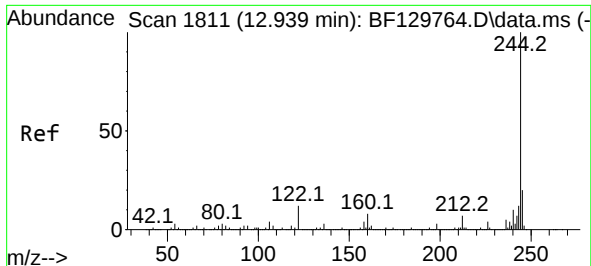
Tgt Ion:188 Resp: 476810
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

Tgt Ion:240 Resp: 228571
Ion Ratio Lower Upper
240 100
120 12.4 9.2 13.8
236 25.3 20.7 31.1

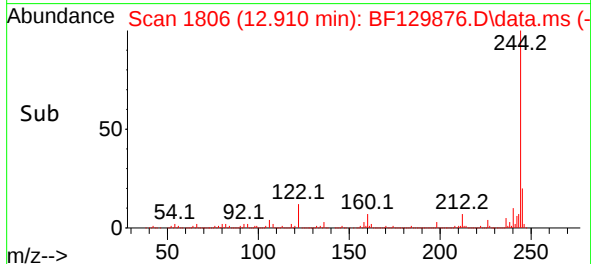
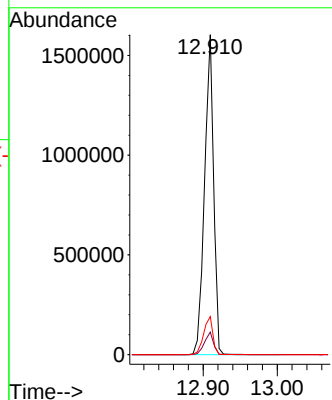
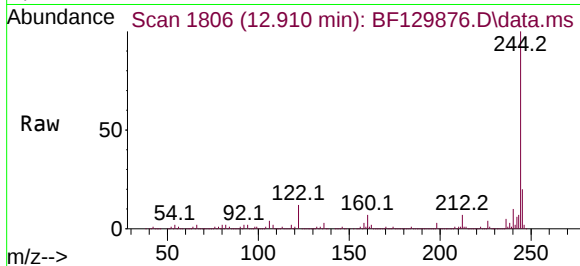




#79
Terphenyl-d14
Concen: 98.984 ng
RT: 12.910 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

Instrument :
BNA_F
ClientSampleId :
S9

Tgt Ion:244 Resp: 1359727
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.9 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

Tgt Ion:264 Resp: 257263
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.7 16.7 25.1

