

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129882.D
 Acq On : 18 Aug 2022 18:38
 Operator : CG\JU
 Sample : N4200-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S13

Quant Time: Aug 19 01:01:30 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	109024	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	435533	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	228259	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	357714	20.000	ng	0.00
76) Chrysene-d12	13.968	240	224487	20.000	ng	0.00
86) Perylene-d12	15.427	264	244651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	837072	127.122	ng	0.01
7) Phenol-d6	6.451	99	940433	114.048	ng	0.00
23) Nitrobenzene-d5	7.363	82	723037	88.869	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	303548	132.500	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1296447	86.264	ng	0.00
79) Terphenyl-d14	12.910	244	1206692	89.442	ng	0.00

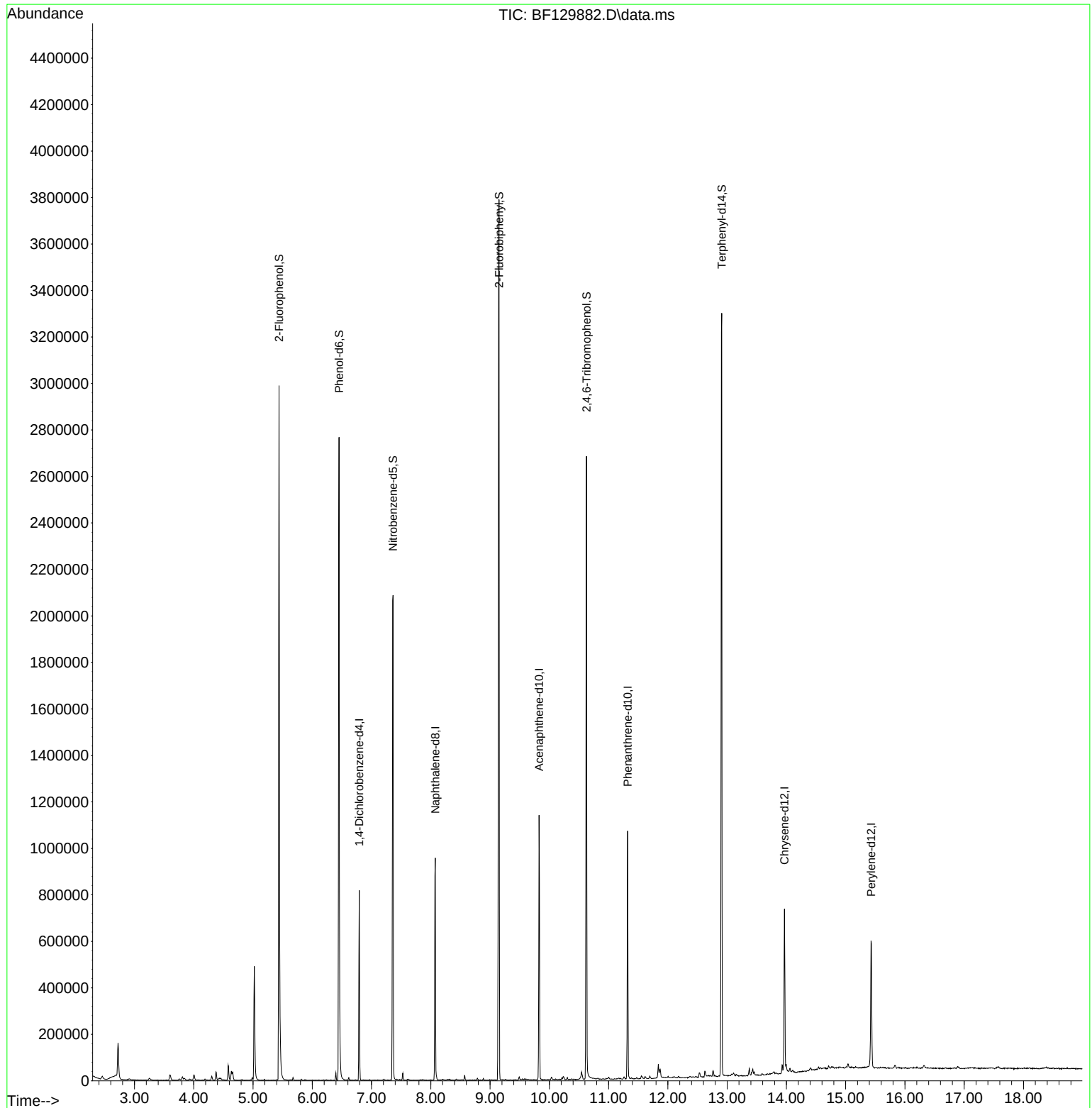
Target Compounds	Qvalue

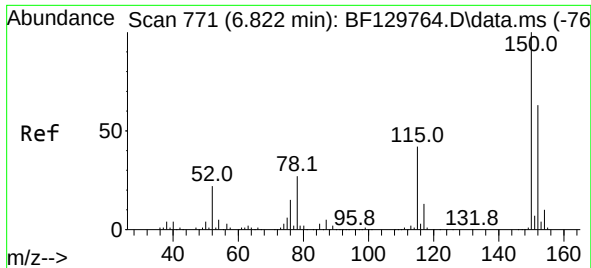
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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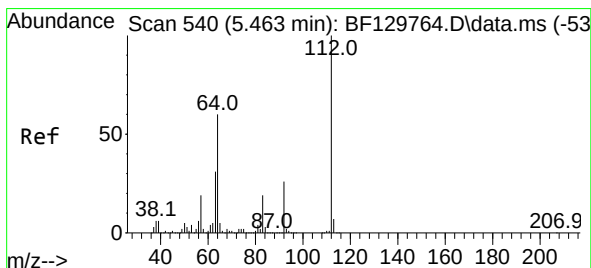
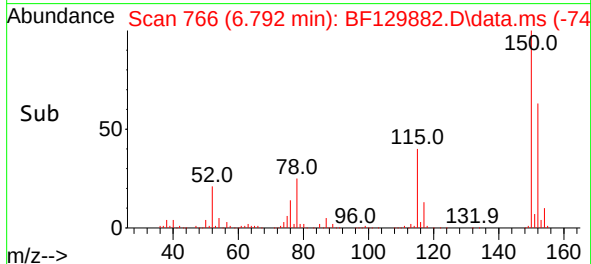
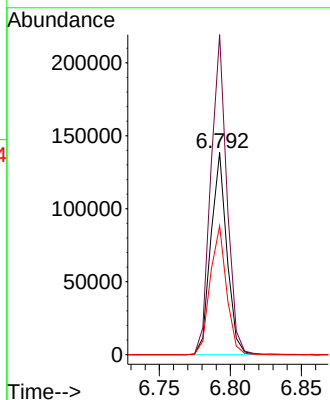
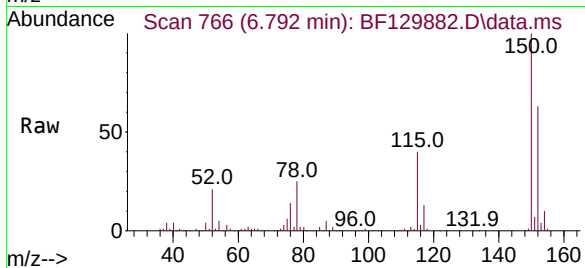




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129882.D
Acq: 18 Aug 2022 18:38

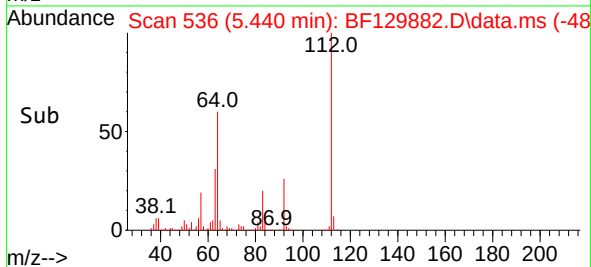
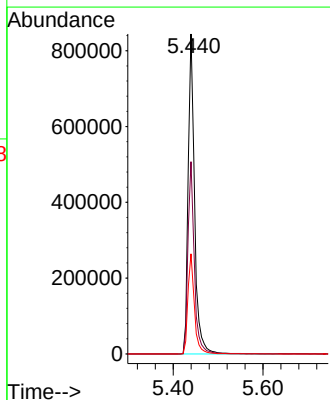
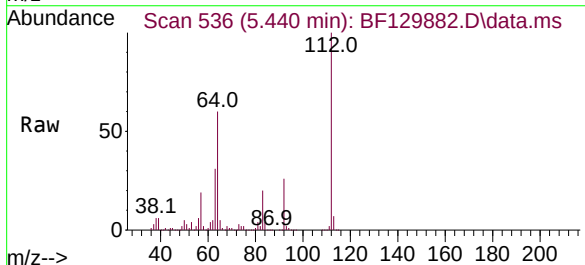
Instrument :
BNA_F
ClientSampleId :
S13

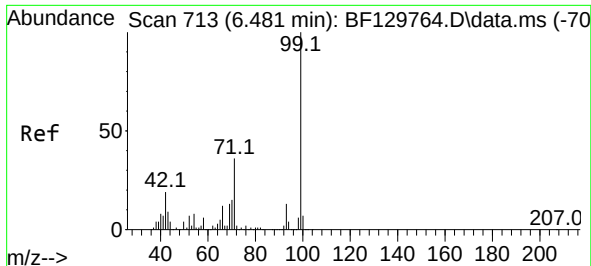
Tgt Ion:152 Resp: 109024
Ion Ratio Lower Upper
152 100
150 158.3 126.9 190.3
115 63.7 53.4 80.0



#5
2-Fluorophenol
Concen: 127.122 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.012 min
Lab File: BF129882.D
Acq: 18 Aug 2022 18:38

Tgt Ion:112 Resp: 837072
Ion Ratio Lower Upper
112 100
64 60.1 47.6 71.4
63 31.3 24.6 37.0

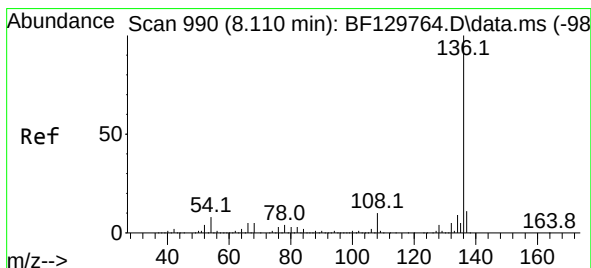
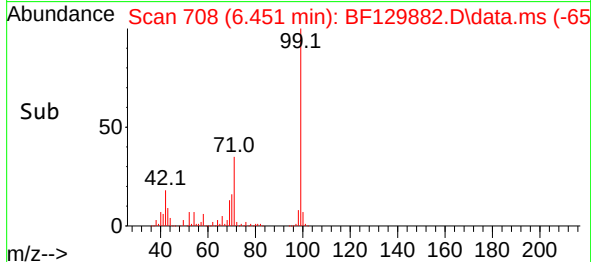
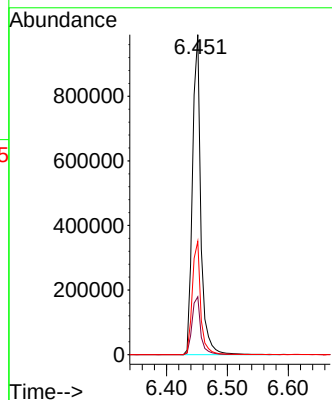
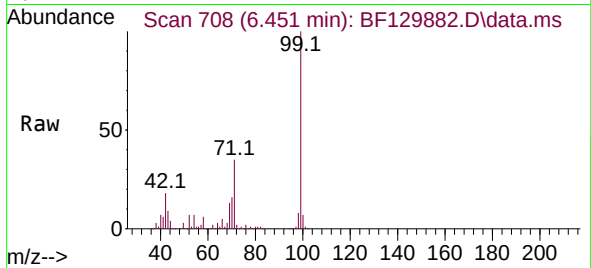




#7
Phenol-d6
Concen: 114.048 ng
RT: 6.451 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129882.D
Acq: 18 Aug 2022 18:38

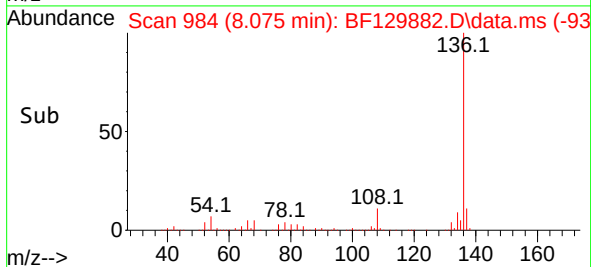
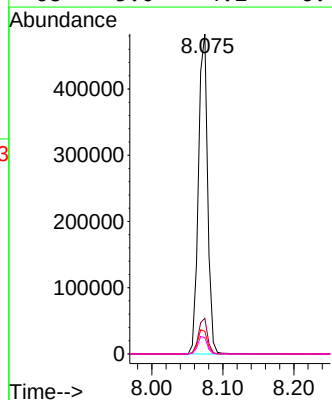
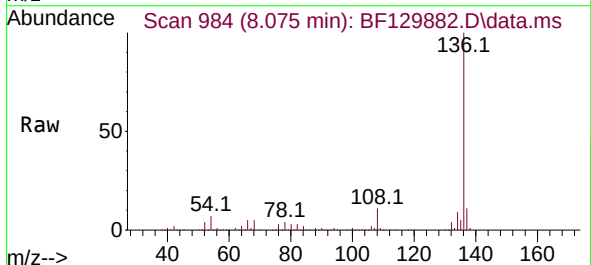
Instrument :
BNA_F
ClientSampleId :
S13

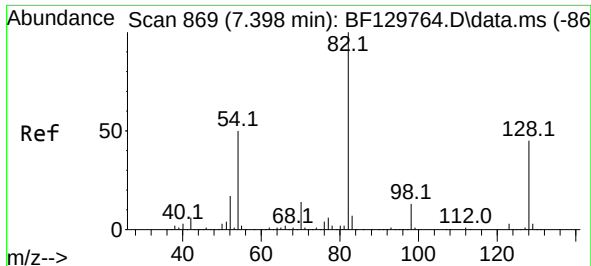
Tgt Ion: 99 Resp: 940433
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 35.4 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129882.D
Acq: 18 Aug 2022 18:38

Tgt Ion: 136 Resp: 435533
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.0 6.2 9.2
68 5.0 4.2 6.4





#23

Nitrobenzene-d5

Concen: 88.869 ng

RT: 7.363 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129882.D

Acq: 18 Aug 2022 18:38

Instrument :

BNA_F

ClientSampleId :

S13

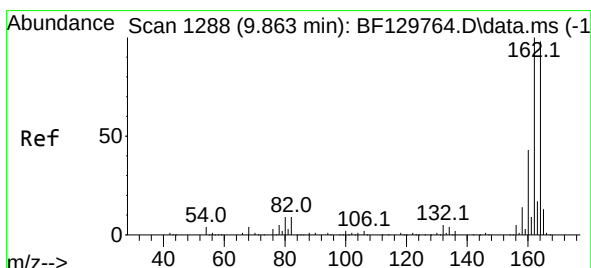
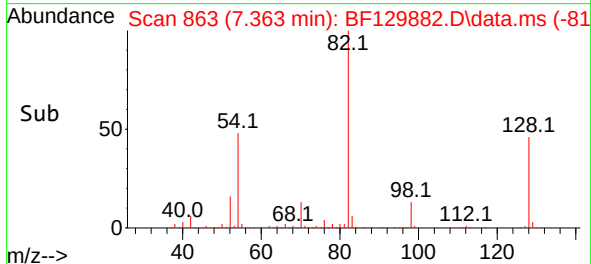
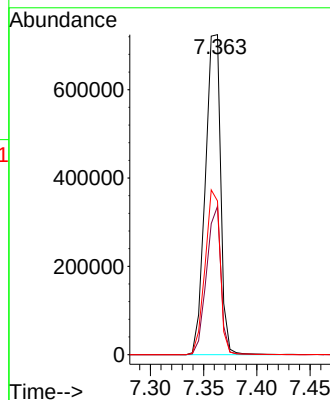
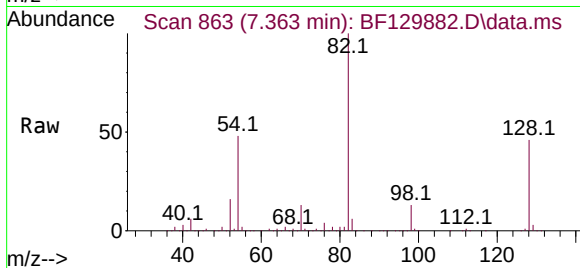
Tgt Ion: 82 Resp: 723037

Ion Ratio Lower Upper

82 100

128 46.3 36.1 54.1

54 48.0 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: BF129882.D

Acq: 18 Aug 2022 18:38

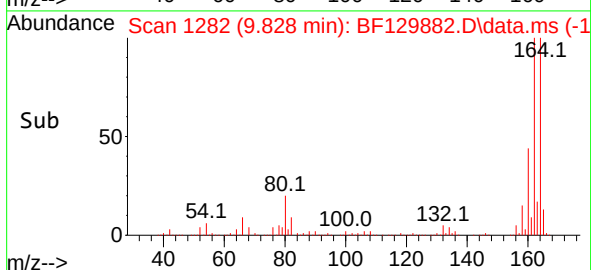
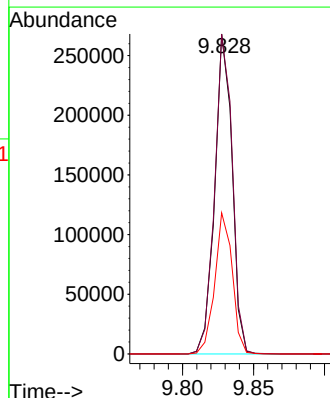
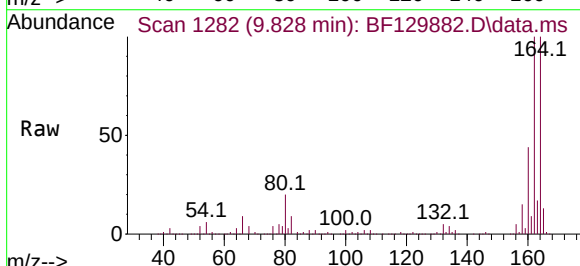
Tgt Ion:164 Resp: 228259

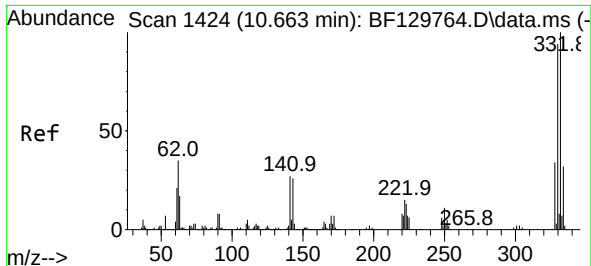
Ion Ratio Lower Upper

164 100

162 99.8 82.0 123.0

160 44.1 35.4 53.0

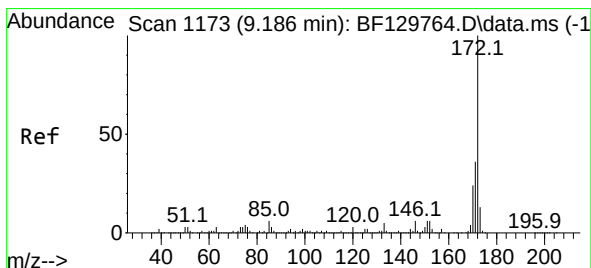
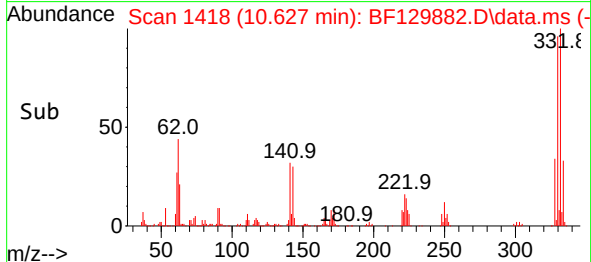
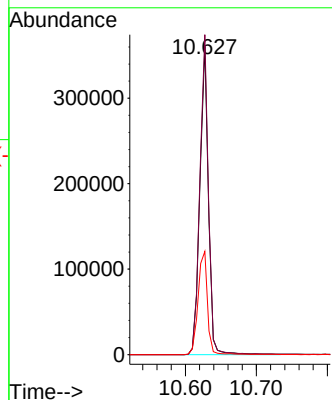
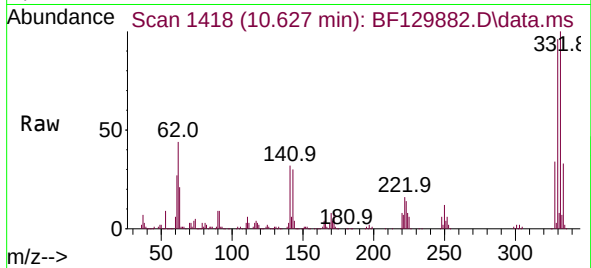




#42
2,4,6-Tribromophenol
Concen: 132.500 ng
RT: 10.627 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF129882.D
Acq: 18 Aug 2022 18:38

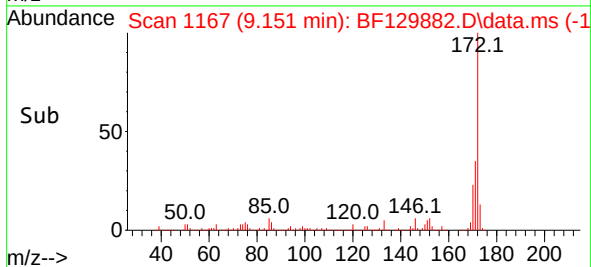
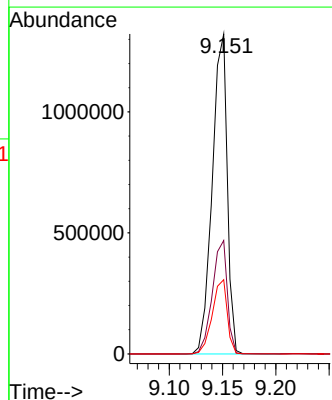
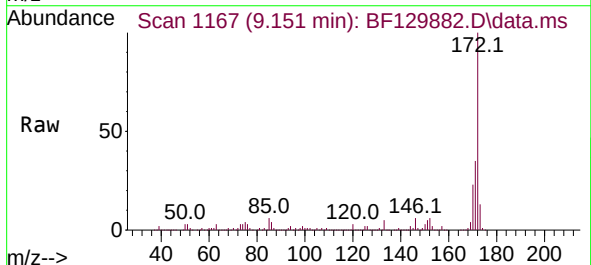
Instrument :
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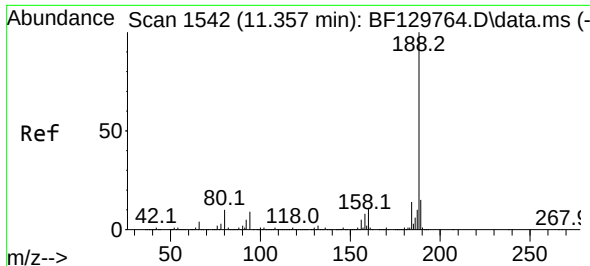
Tgt Ion:330 Resp: 303548
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 36.6 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 86.264 ng
RT: 9.151 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF129882.D
Acq: 18 Aug 2022 18:38

Tgt Ion:172 Resp: 1296447
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.2 19.1 28.7

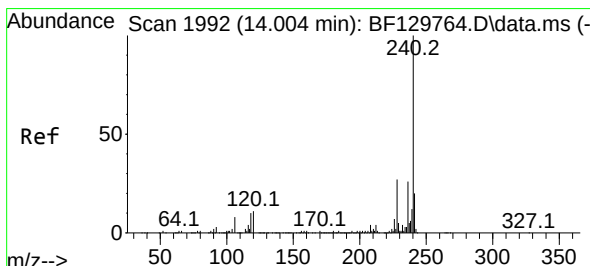
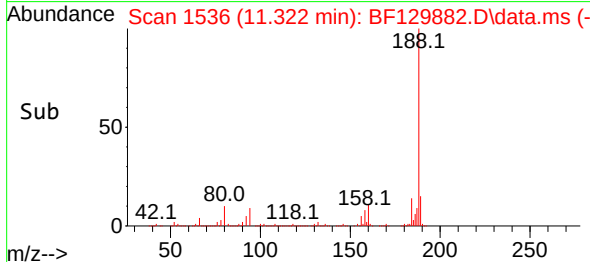
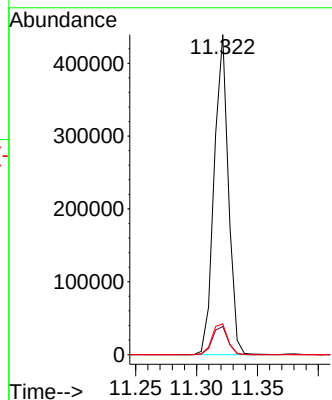
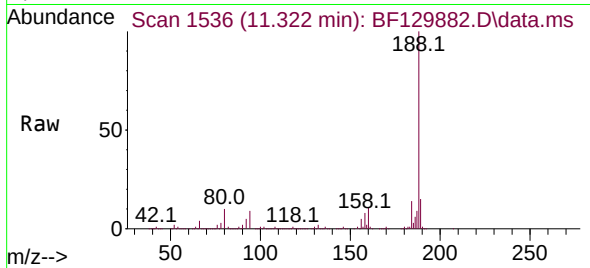




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129882.D
Acq: 18 Aug 2022 18:38

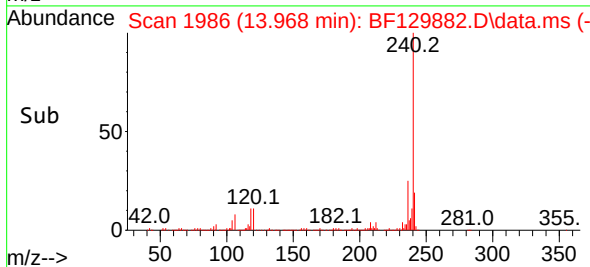
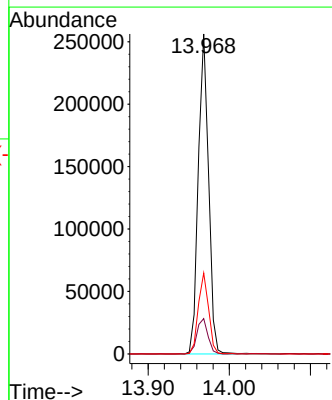
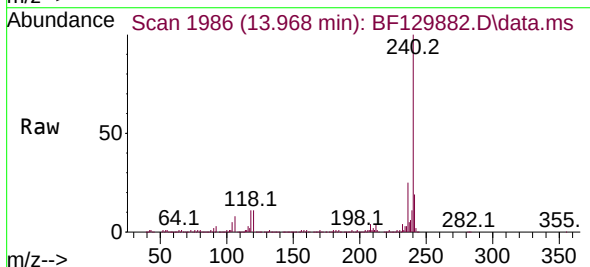
Instrument :
BNA_F
ClientSampleId :
S13

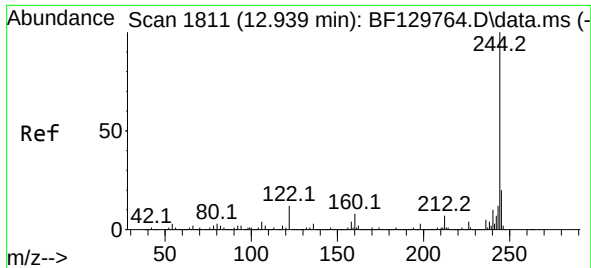
Tgt Ion:188 Resp: 357714
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129882.D
Acq: 18 Aug 2022 18:38

Tgt Ion:240 Resp: 224487
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.3 20.7 31.1

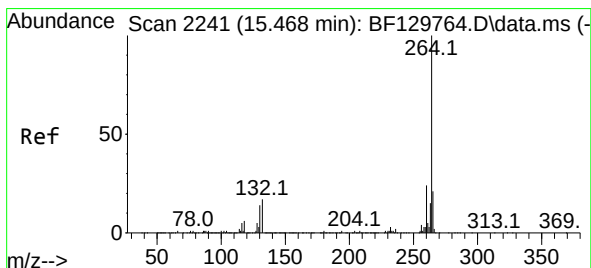
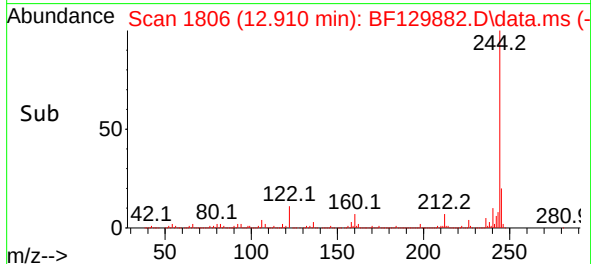
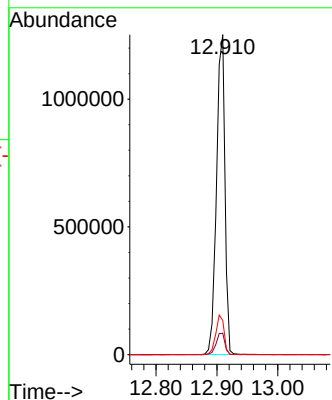
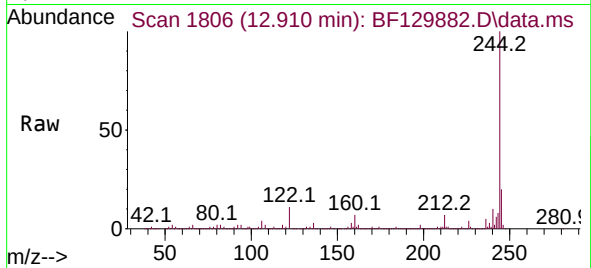




#79
Terphenyl-d14
Concen: 89.442 ng
RT: 12.910 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF129882.D
Acq: 18 Aug 2022 18:38

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 1206692
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 10.7 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: BF129882.D
Acq: 18 Aug 2022 18:38

Tgt Ion:264 Resp: 244651
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 21.0 16.7 25.1

