

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129886.D
 Acq On : 18 Aug 2022 20:47
 Operator : CG\JU
 Sample : N4200-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12

Quant Time: Aug 19 01:04:19 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)

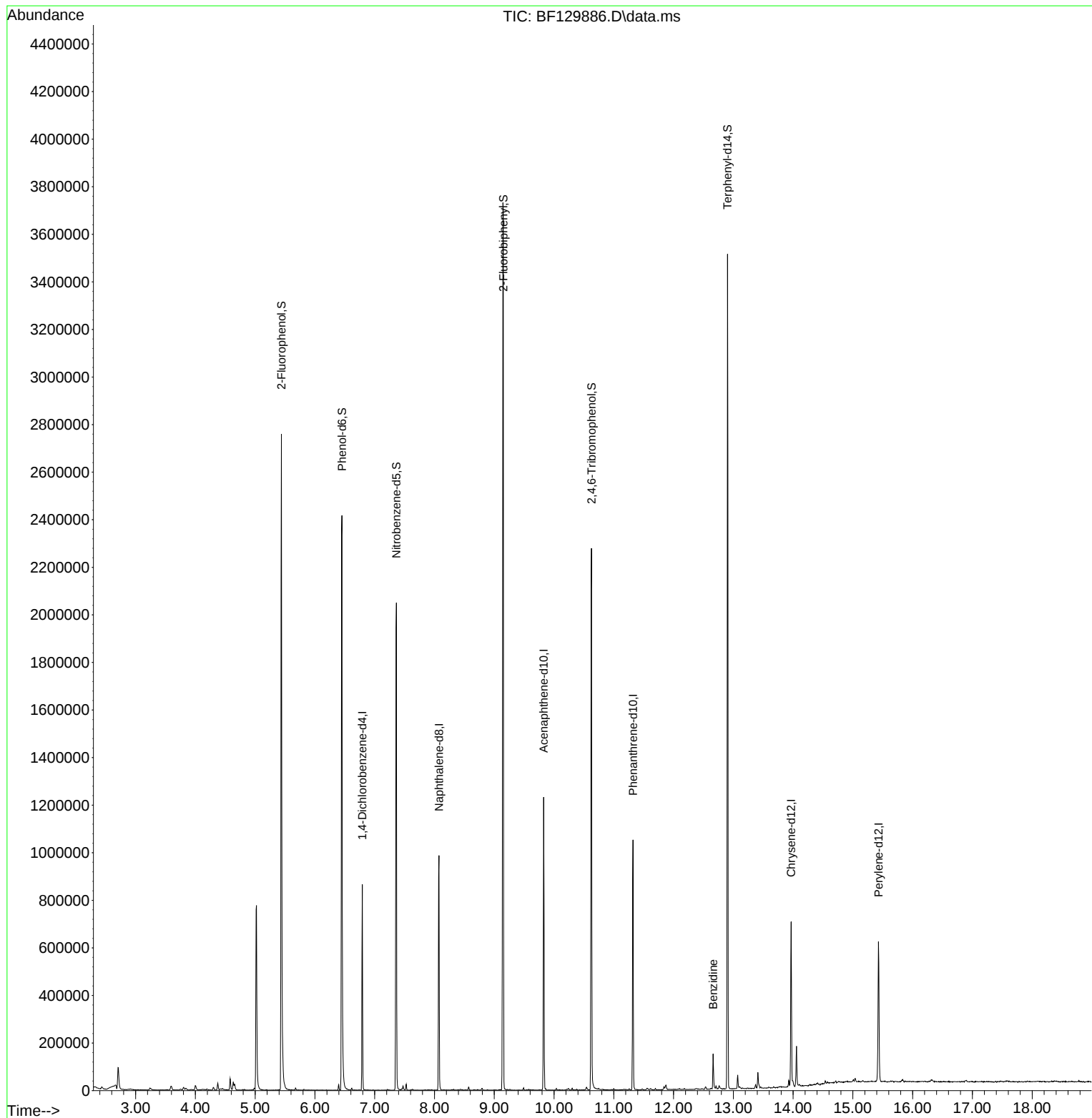
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	114736	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	456552	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	237570	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	369203	20.000	ng	0.00
76) Chrysene-d12	13.968	240	218642	20.000	ng	0.00
86) Perylene-d12	15.427	264	255395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	794256	114.615	ng	0.01
7) Phenol-d6	6.451	99	908845	104.730	ng	0.00
23) Nitrobenzene-d5	7.363	82	685397	80.364	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	281749	118.165	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1272755	81.368	ng	0.00
79) Terphenyl-d14	12.904	244	1135058	86.382	ng	0.00
Target Compounds						
77) Benzidine	12.663	184	52059	5.181	ng	Qvalue 97

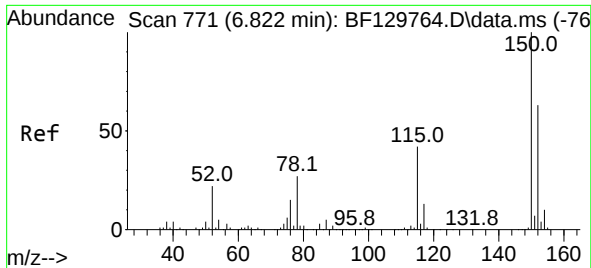
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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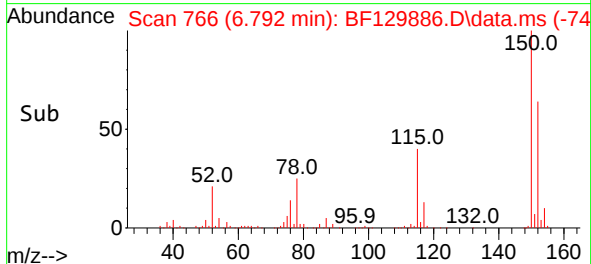
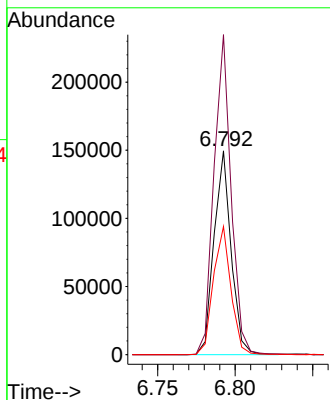
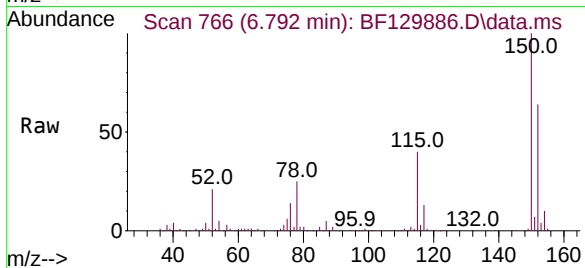




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

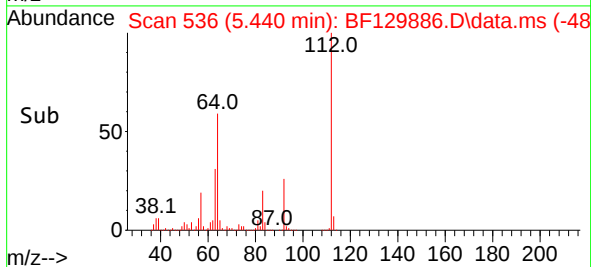
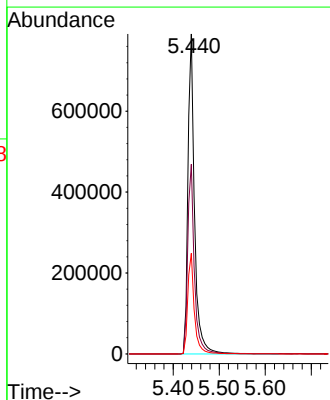
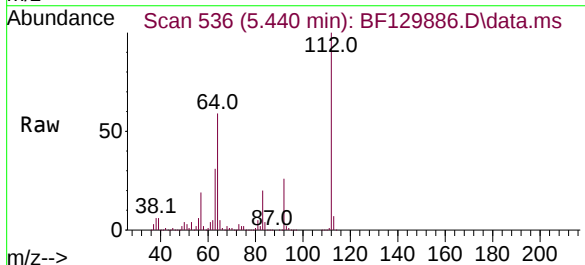
Instrument :
BNA_F
ClientSampleId :
S12

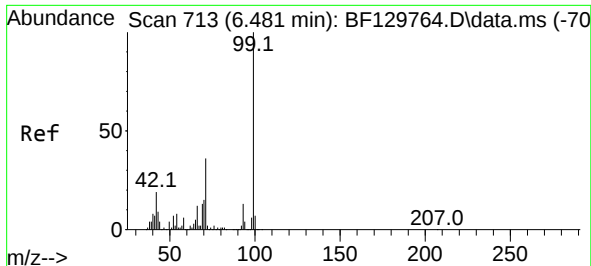
Tgt Ion:152 Resp: 114736
Ion Ratio Lower Upper
152 100
150 157.0 126.9 190.3
115 62.9 53.4 80.0



#5
2-Fluorophenol
Concen: 114.615 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.012 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

Tgt Ion:112 Resp: 794256
Ion Ratio Lower Upper
112 100
64 59.3 47.6 71.4
63 31.4 24.6 37.0

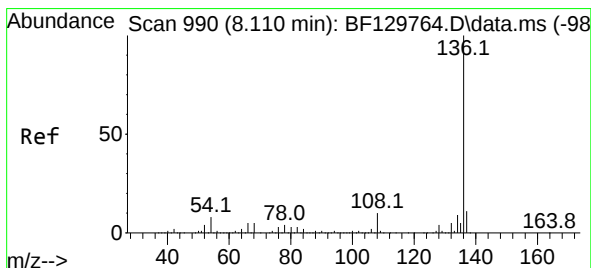
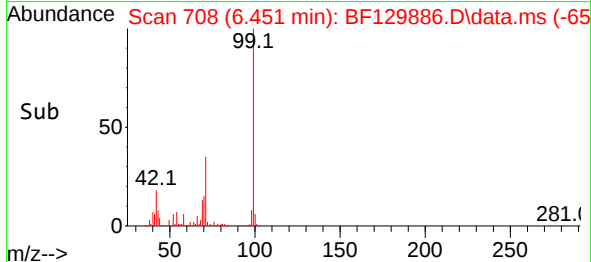
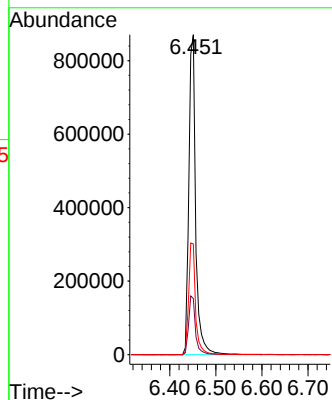
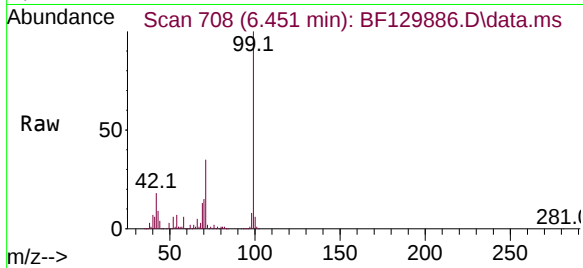




#7
Phenol-d6
Concen: 104.730 ng
RT: 6.451 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

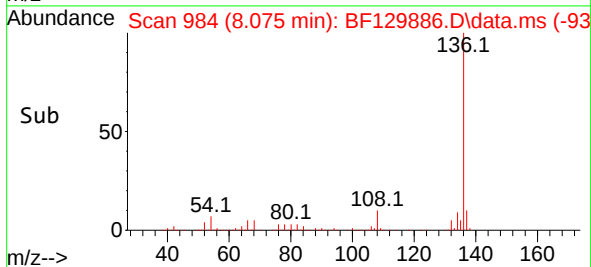
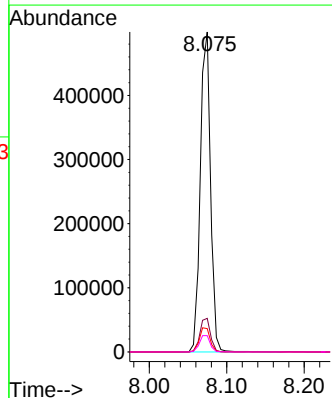
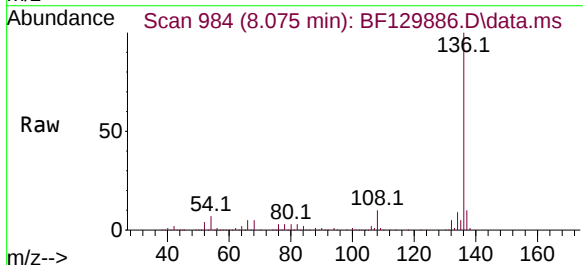
Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion: 99 Resp: 908845
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 34.6 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: BF129886.D
Acq: 18 Aug 2022 20:47

Tgt Ion: 136 Resp: 456552
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.3 6.2 9.2
68 5.1 4.2 6.4

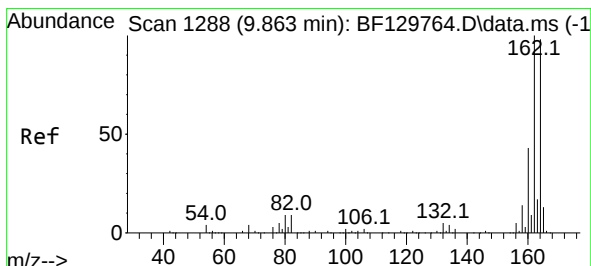
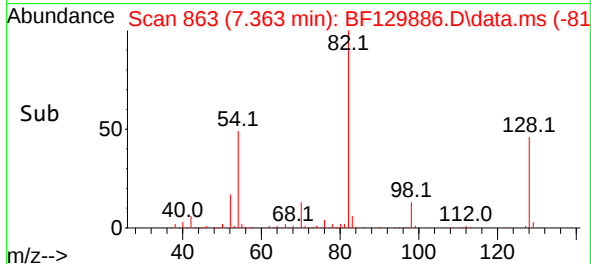
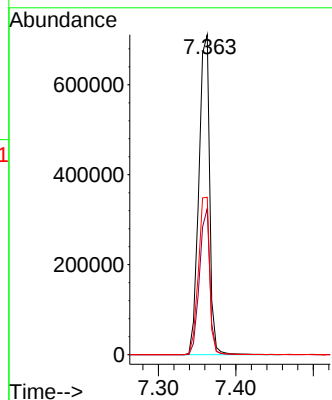
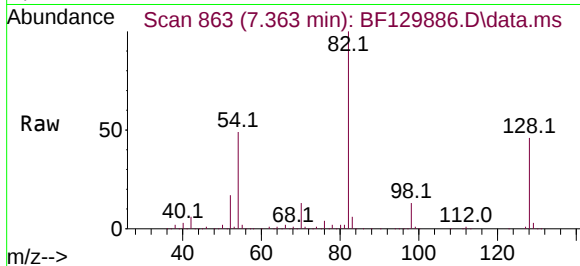




#23
Nitrobenzene-d5
Concen: 80.364 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

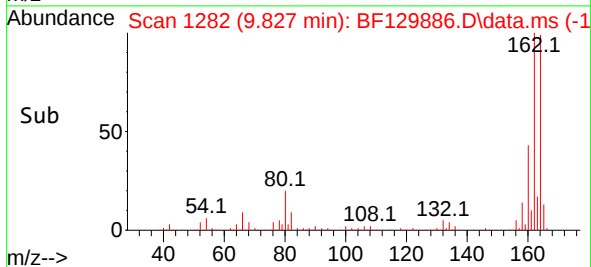
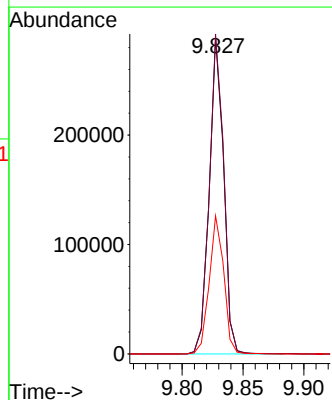
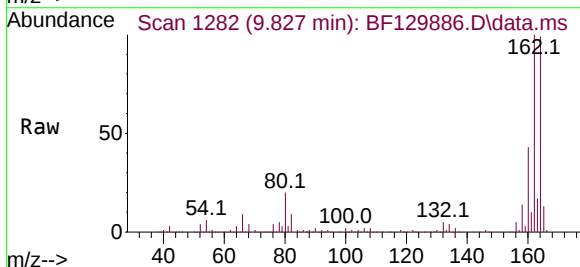
Instrument :
BNA_F
ClientSampleId :
S12

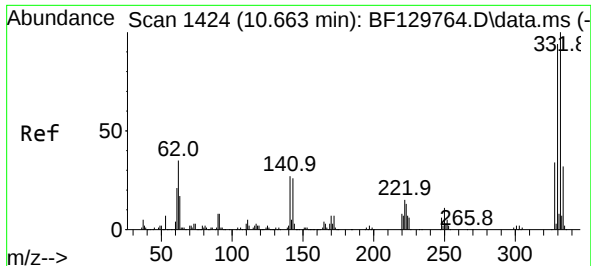
Tgt Ion: 82 Resp: 685397
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 49.2 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

Tgt Ion:164 Resp: 237570
Ion Ratio Lower Upper
164 100
162 101.2 82.0 123.0
160 43.6 35.4 53.0

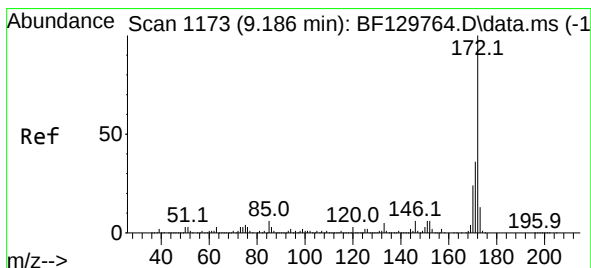
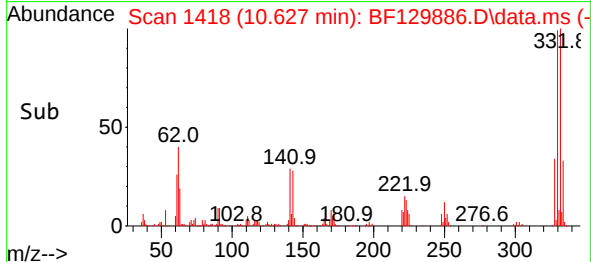
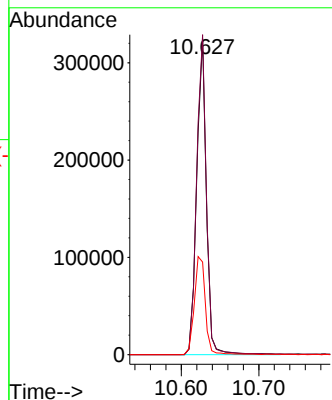
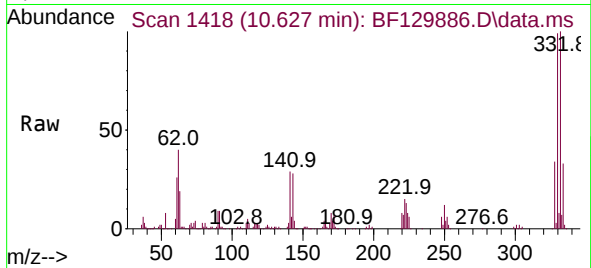




#42
2,4,6-Tribromophenol
Concen: 118.165 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

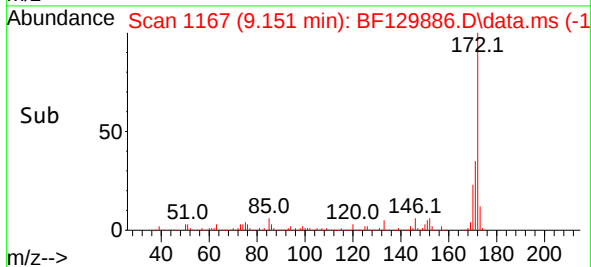
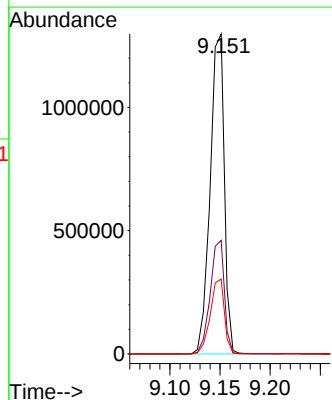
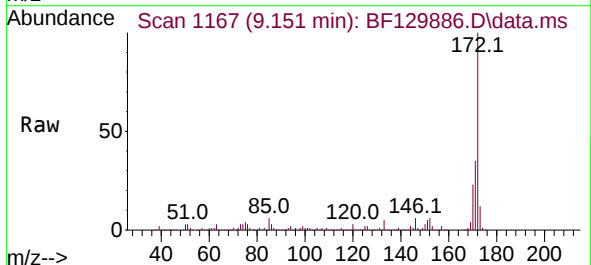
Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:330 Resp: 281749
Ion Ratio Lower Upper
330 100
332 102.2 82.6 124.0
141 35.2 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 81.368 ng
RT: 9.151 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

Tgt Ion:172 Resp: 1272755
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 19.1 28.7

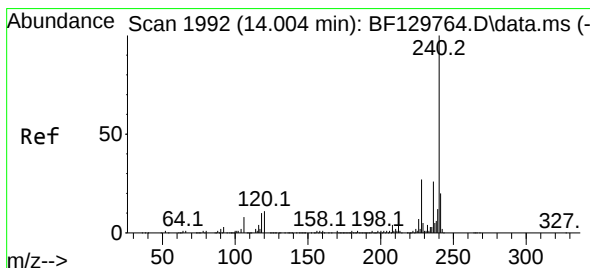
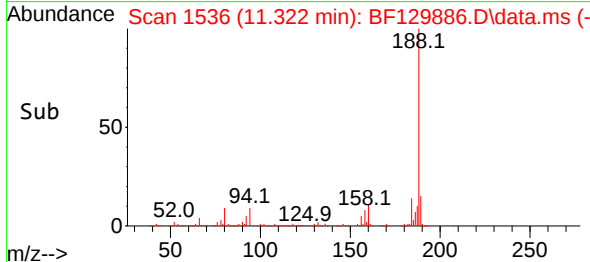
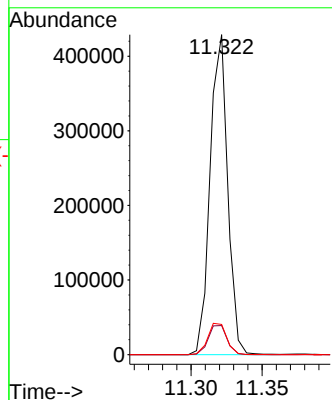
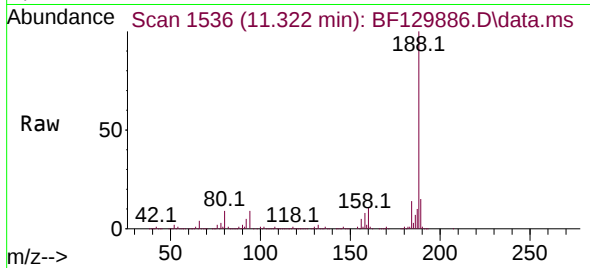




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

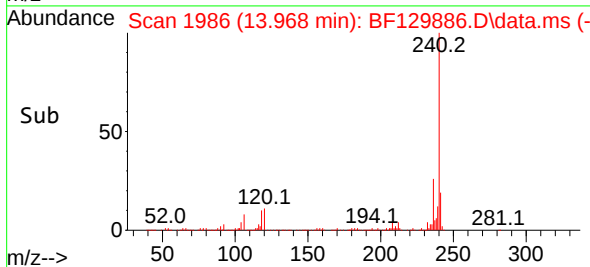
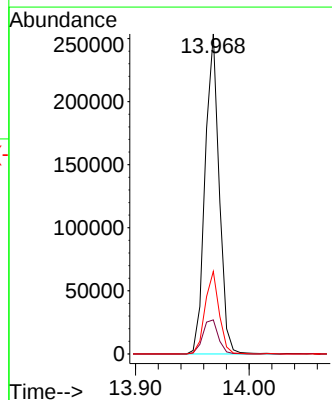
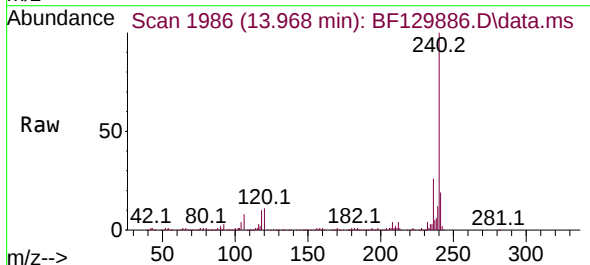
Instrument :
BNA_F
ClientSampleId :
S12

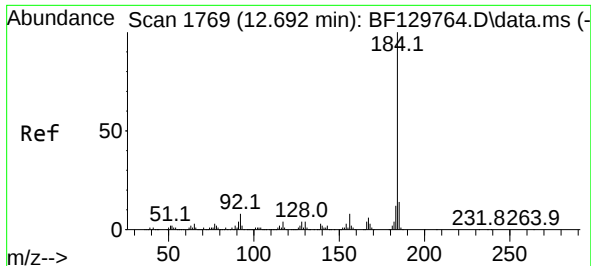
Tgt Ion:188 Resp: 369203
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

Tgt Ion:240 Resp: 218642
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.8 20.7 31.1

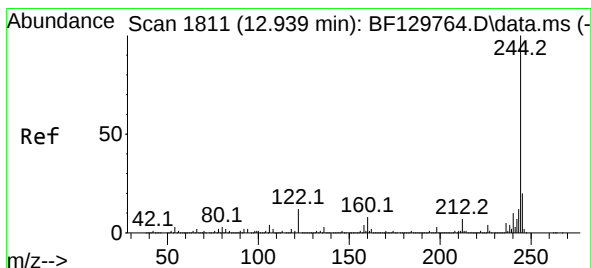
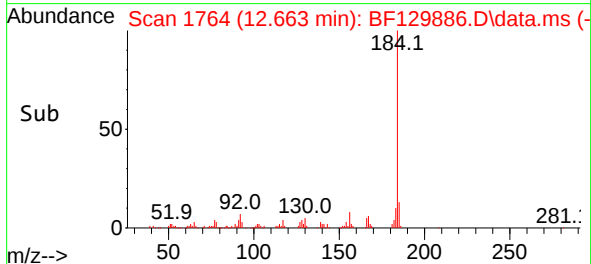
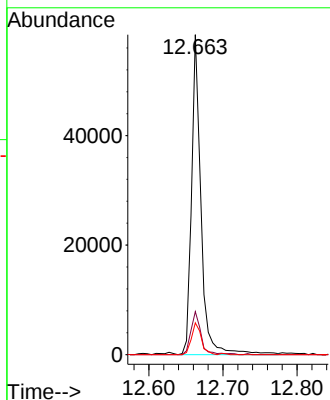
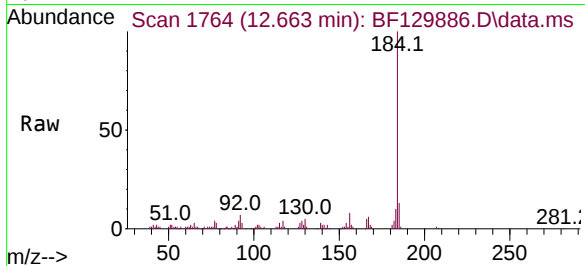




#77
Benzidine
Concen: 5.181 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

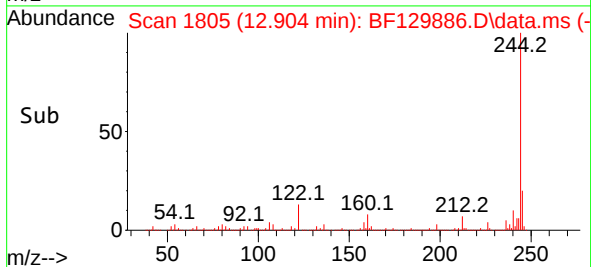
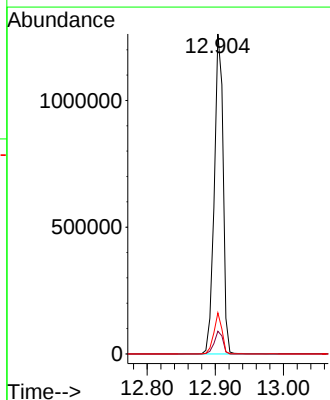
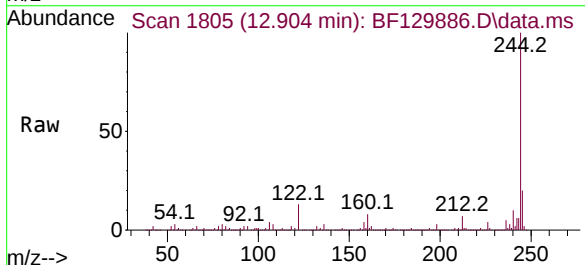
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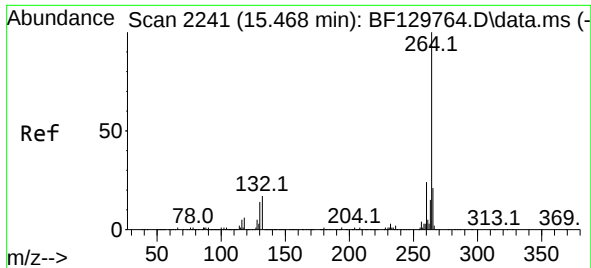
Tgt Ion:184 Resp: 52059
Ion Ratio Lower Upper
184 100
185 13.4 11.4 17.2
183 9.9 9.4 14.2



#79
Terphenyl-d14
Concen: 86.382 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

Tgt Ion:244 Resp: 1135058
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.8 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:264 Resp: 255395
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 21.0 16.7 25.1

