

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129859.D
 Acq On : 17 Aug 2022 23:23
 Operator : CG\JU
 Sample : N4189-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB14

Quant Time: Aug 18 05:39:10 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 05:28:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	130528	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	526007	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	280802	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	480047	20.000	ng	0.00
76) Chrysene-d12	13.986	240	307774	20.000	ng	0.00
86) Perylene-d12	15.451	264	225167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	778173	98.708	ng	0.00
7) Phenol-d6	6.463	99	981714	99.440	ng	0.00
23) Nitrobenzene-d5	7.375	82	613042	62.389	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	262772	93.239	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1159176	62.698	ng	0.00
79) Terphenyl-d14	12.921	244	1192362	64.463	ng	0.00

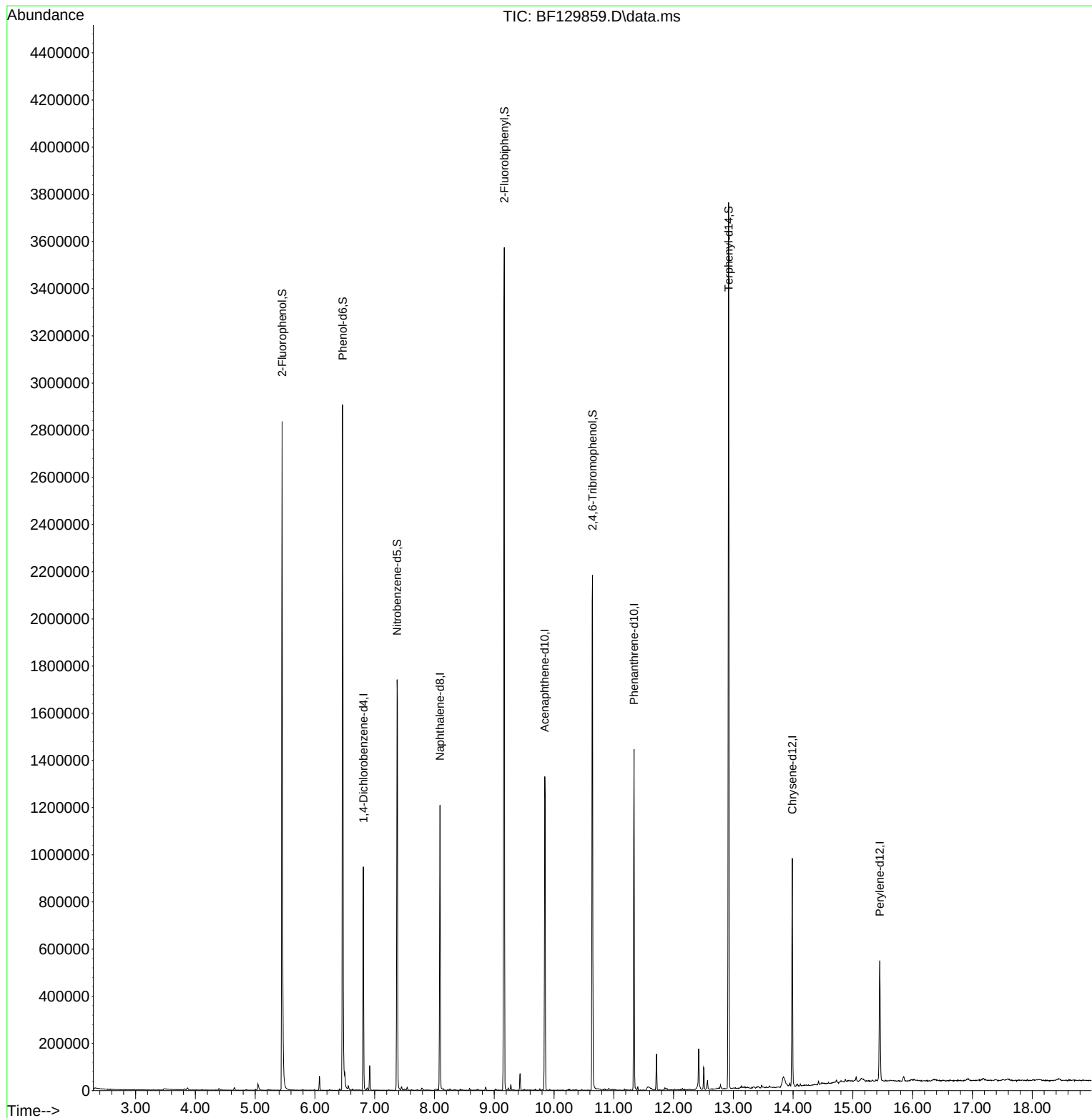
Target Compounds Qvalue

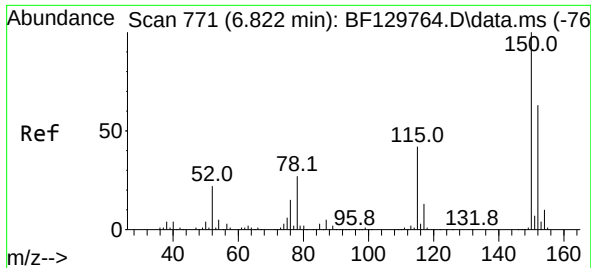
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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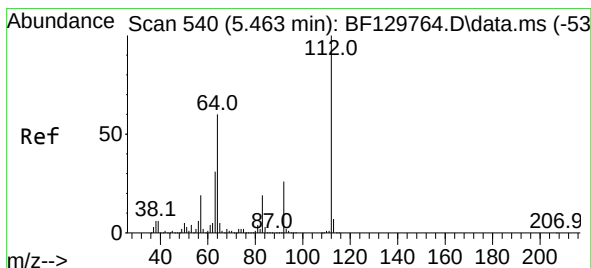
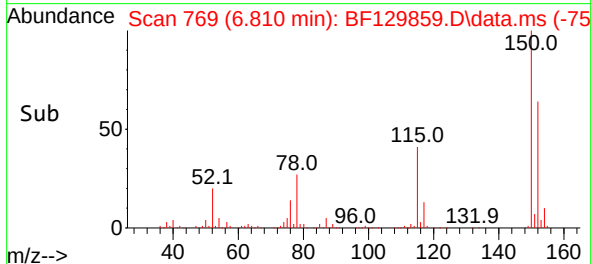
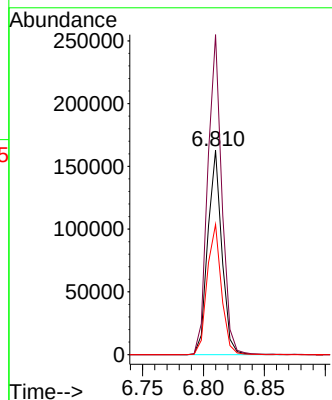
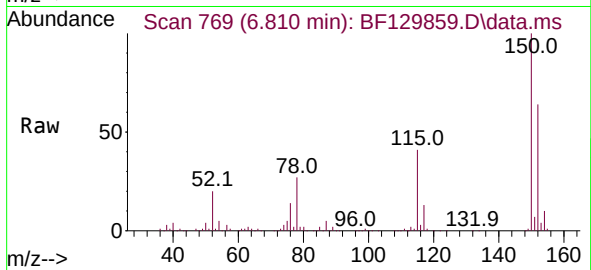




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

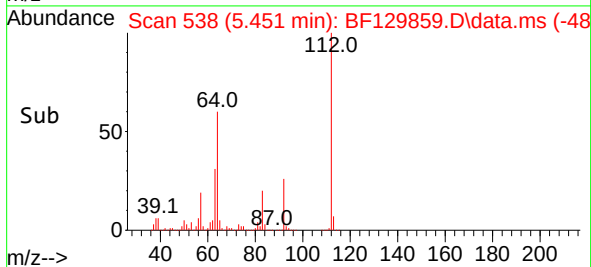
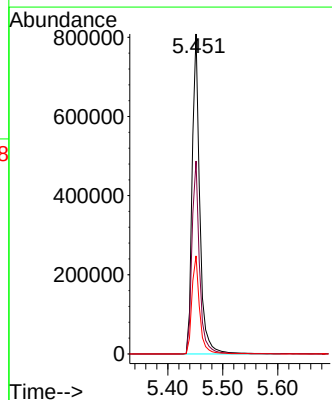
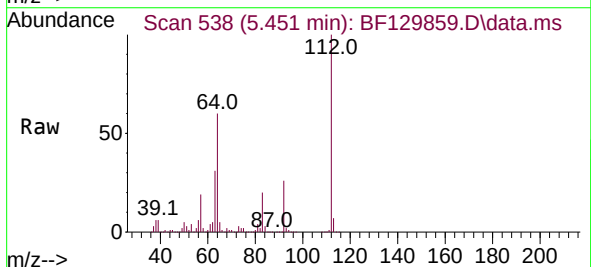
Instrument :
BNA_F
ClientSampleId :
SB14

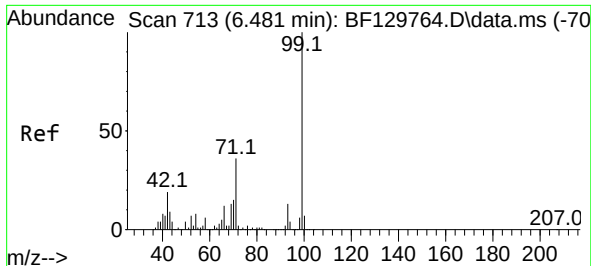
Tgt Ion:152 Resp: 130528
Ion Ratio Lower Upper
152 100
150 156.7 126.9 190.3
115 63.7 53.4 80.0



#5
2-Fluorophenol
Concen: 98.708 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

Tgt Ion:112 Resp: 778173
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 30.6 24.6 37.0

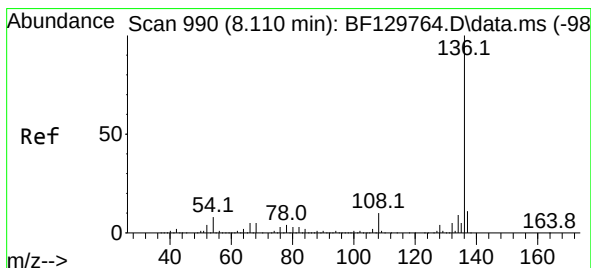
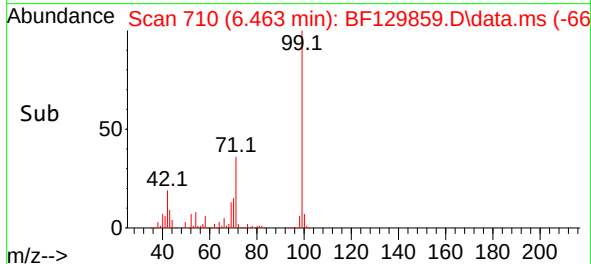
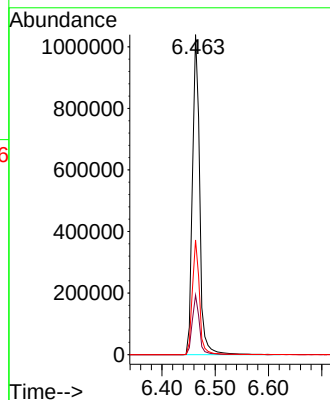
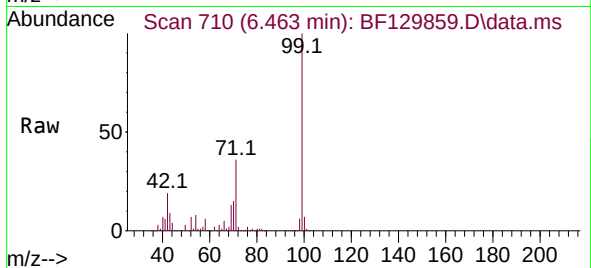




#7
Phenol-d6
Concen: 99.440 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

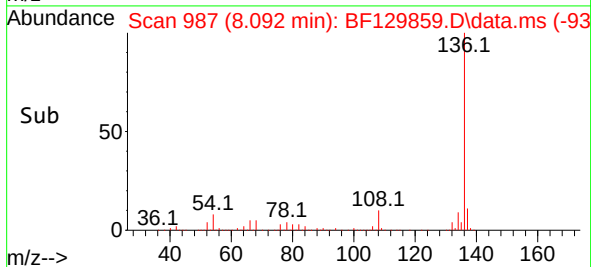
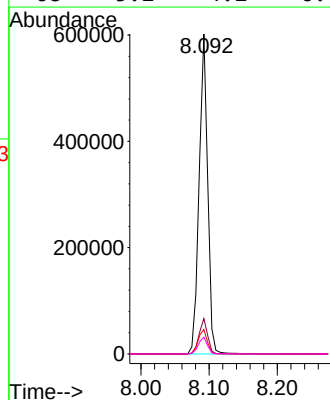
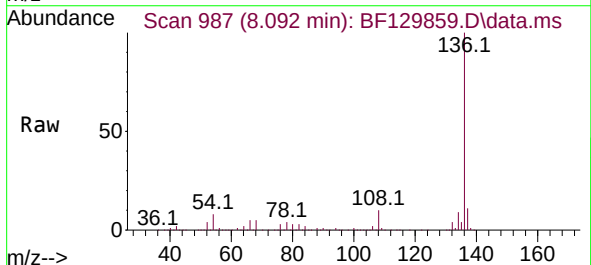
Instrument :
BNA_F
ClientSampleId :
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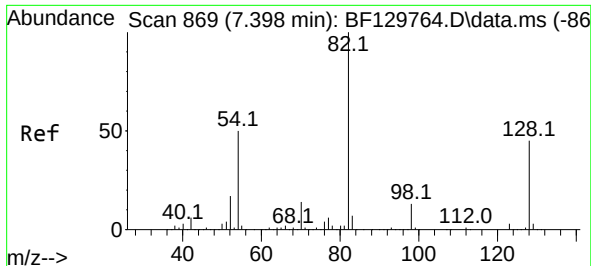
Tgt Ion: 99 Resp: 981714
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 35.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

Tgt Ion: 136 Resp: 526007
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.6 6.2 9.2
68 5.2 4.2 6.4

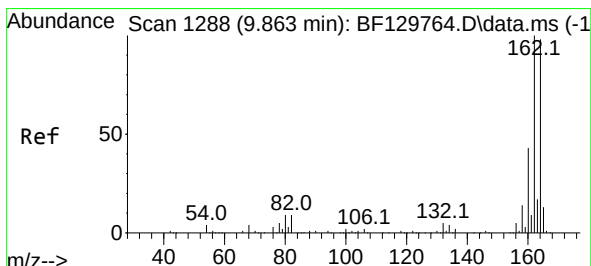
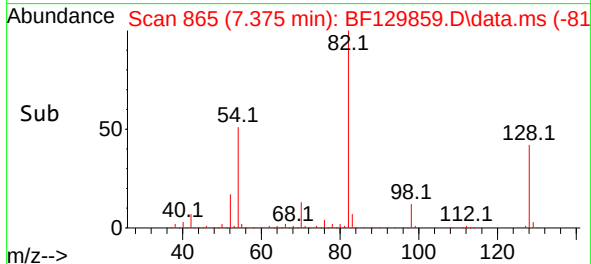
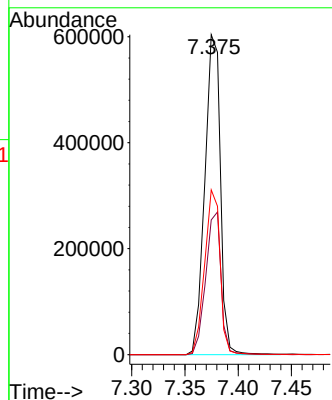
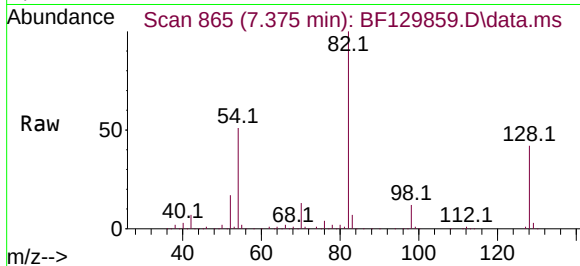




#23
Nitrobenzene-d5
Concen: 62.389 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

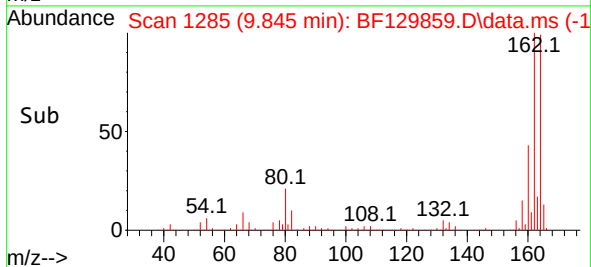
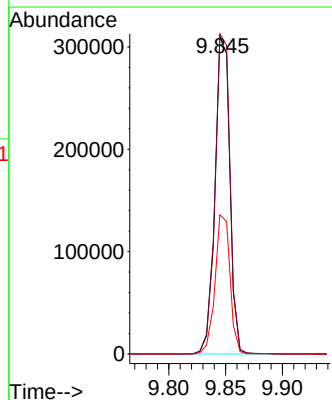
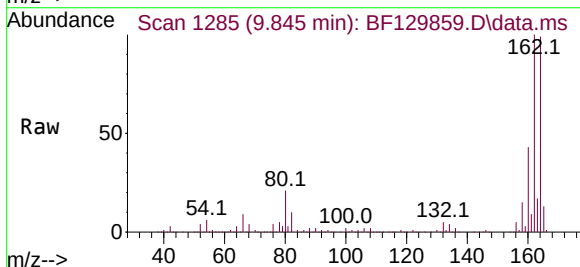
Instrument :
BNA_F
ClientSampleId :
SB14

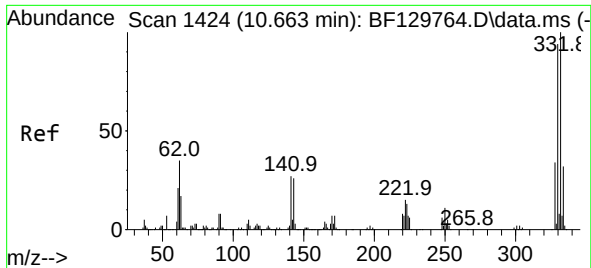
Tgt Ion: 82 Resp: 613042
Ion Ratio Lower Upper
82 100
128 42.1 36.1 54.1
54 51.5 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

Tgt Ion: 164 Resp: 280802
Ion Ratio Lower Upper
164 100
162 101.0 82.0 123.0
160 43.9 35.4 53.0

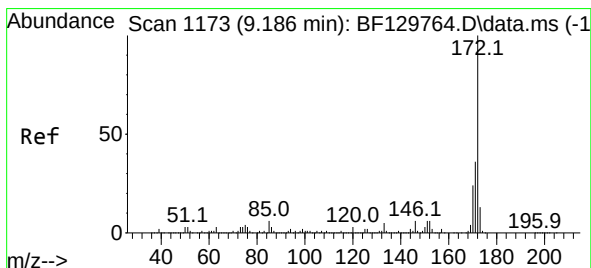
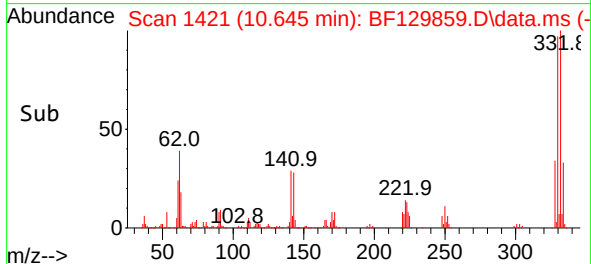
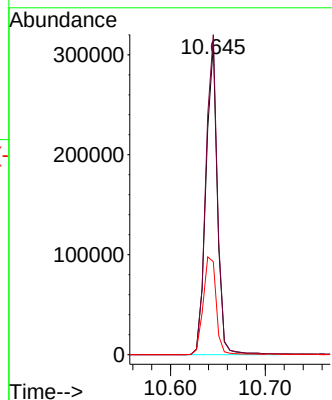
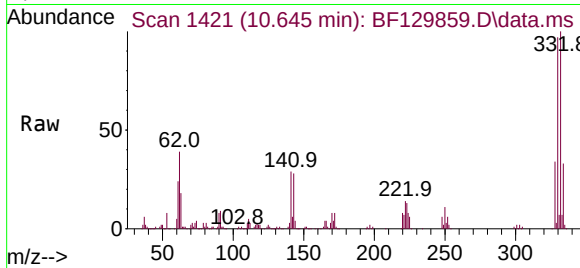




#42
2,4,6-Tribromophenol
Concen: 93.239 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

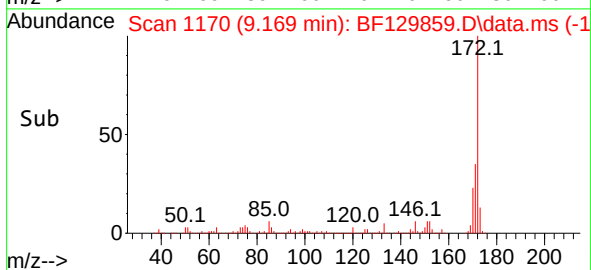
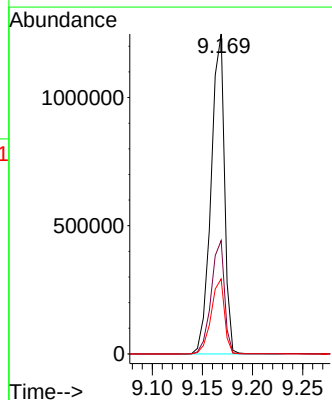
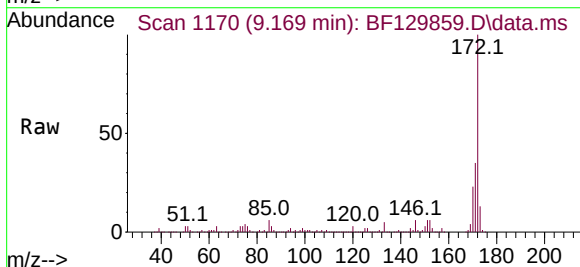
Instrument :
BNA_F
ClientSampleId :
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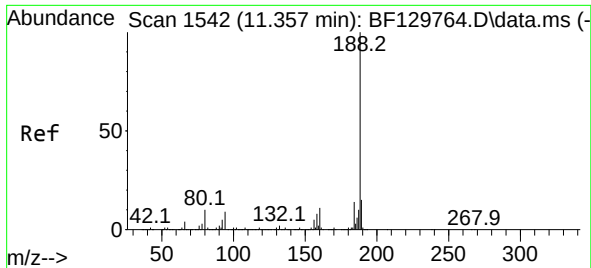
Tgt Ion:330 Resp: 262772
Ion Ratio Lower Upper
330 100
332 104.7 82.6 124.0
141 35.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 62.698 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

Tgt Ion:172 Resp: 1159176
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 19.1 28.7

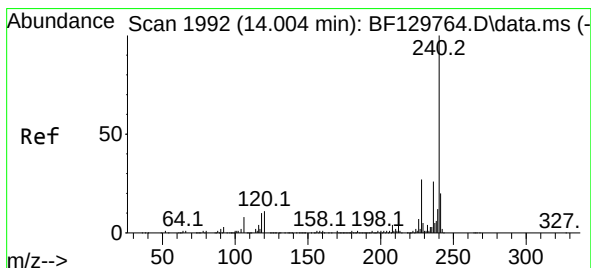
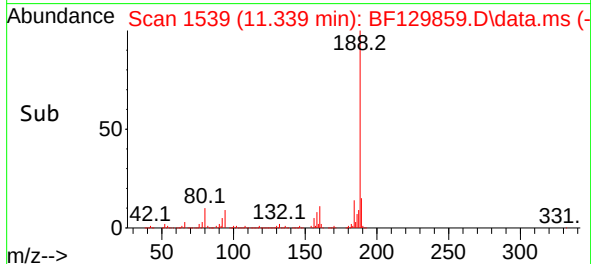
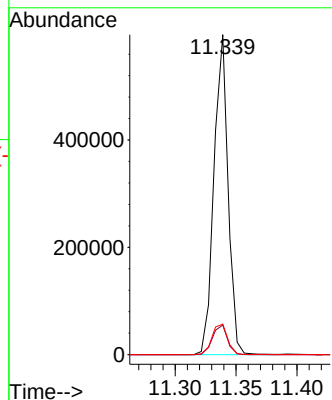
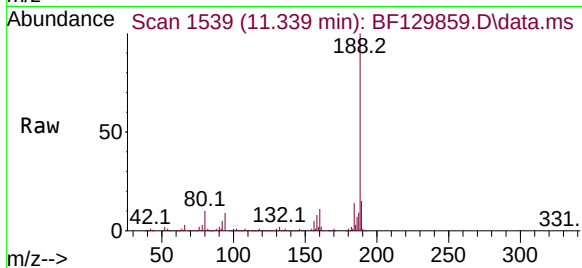




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

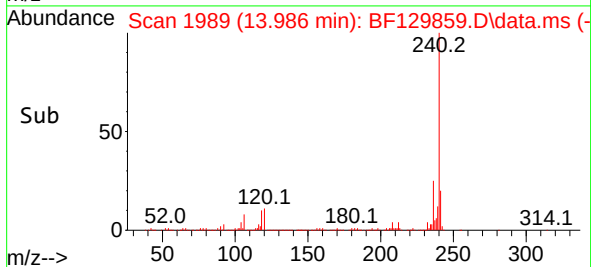
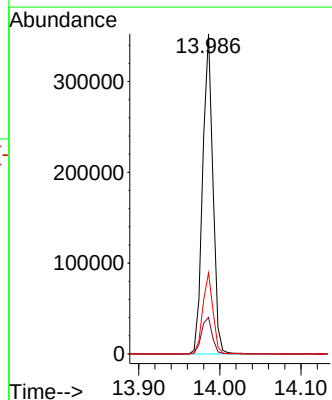
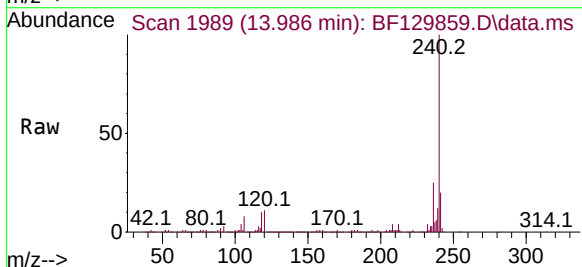
Instrument :
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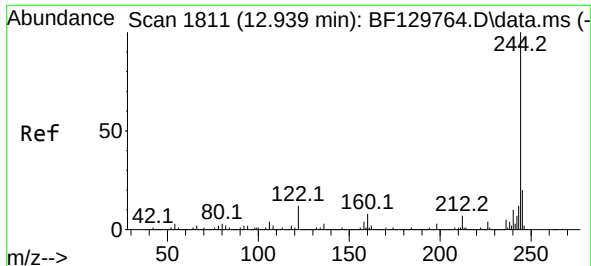
Tgt Ion:188 Resp: 480047
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

Tgt Ion:240 Resp: 307774
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.3 20.7 31.1

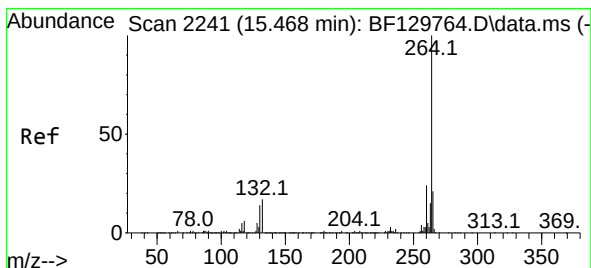
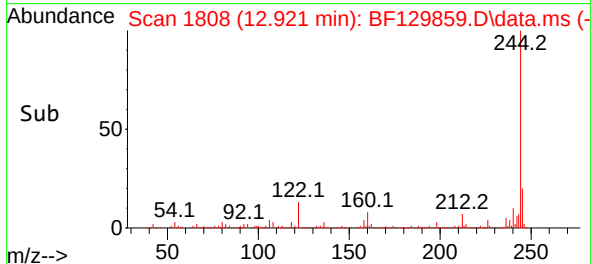
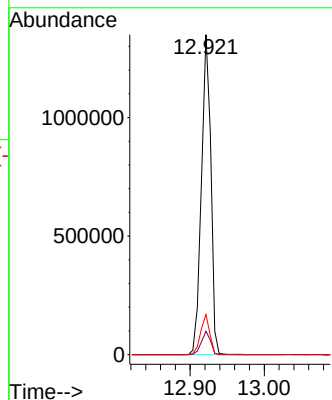
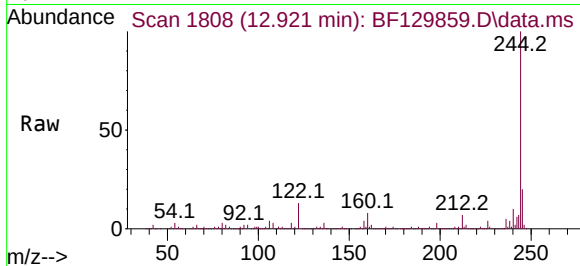




#79
 Terphenyl-d14
 Concen: 64.463 ng
 RT: 12.921 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129859.D
 Acq: 17 Aug 2022 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SB14

Tgt Ion:244 Resp: 1192362
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF129859.D
 Acq: 17 Aug 2022 23:23

Tgt Ion:264 Resp: 225167
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.1 28.7
 265 21.1 16.7 25.1

