

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129791.D
 Acq On : 15 Aug 2022 20:47
 Operator : CG\JU
 Sample : N4200-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S9

Quant Time: Aug 16 03:18:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	157309	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	647195	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	359086	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	627690	20.000	ng	0.00
76) Chrysene-d12	13.998	240	377764	20.000	ng	0.00
86) Perylene-d12	15.468	264	300509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	729988	76.832	ng	0.00
7) Phenol-d6	6.475	99	939703	78.980	ng	0.00
23) Nitrobenzene-d5	7.386	82	615494	50.910	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	273984	76.023	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1211334	51.235	ng	0.00
79) Terphenyl-d14	12.939	244	1316058	57.968	ng	0.00

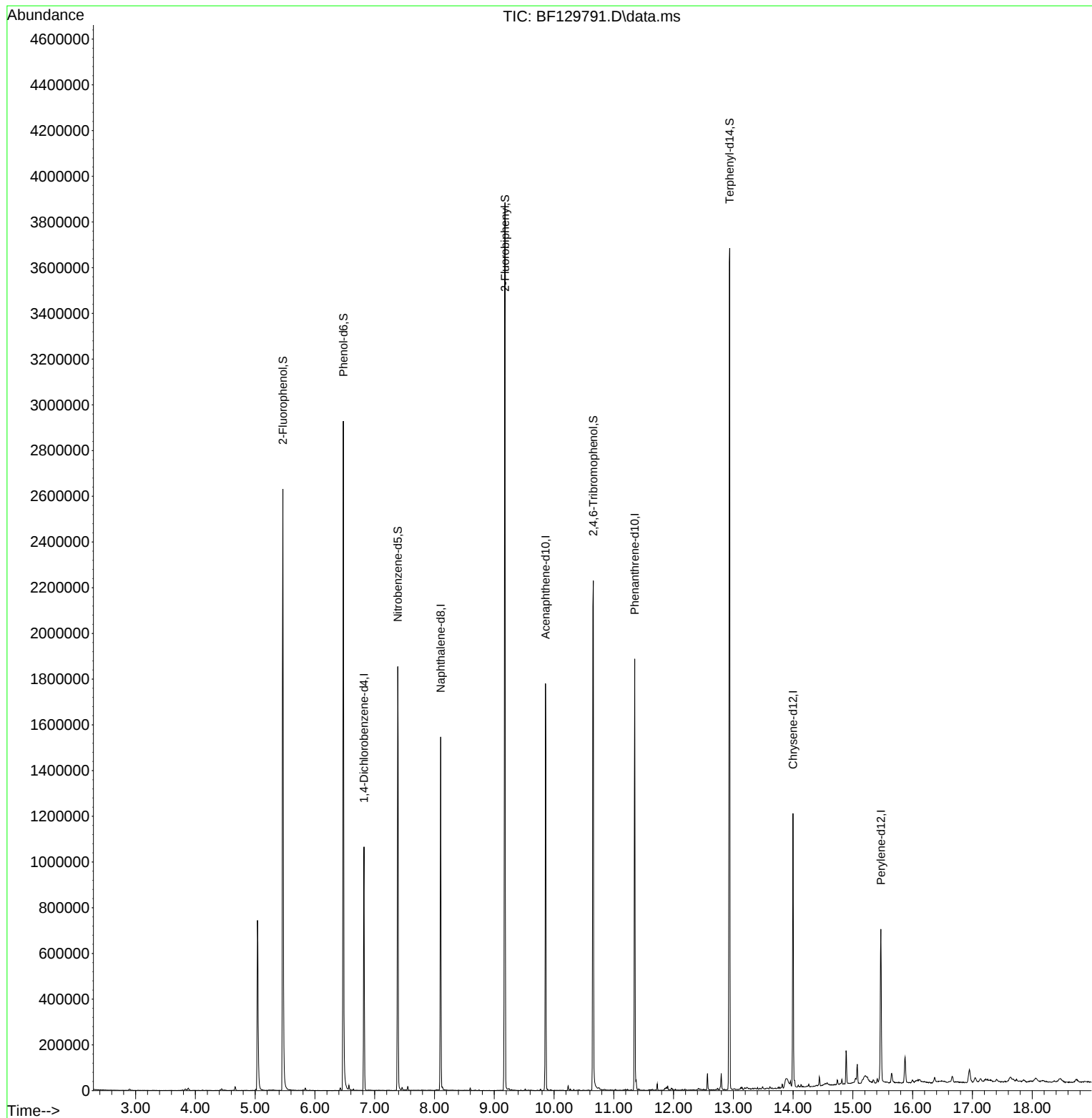
Target Compounds	Qvalue

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

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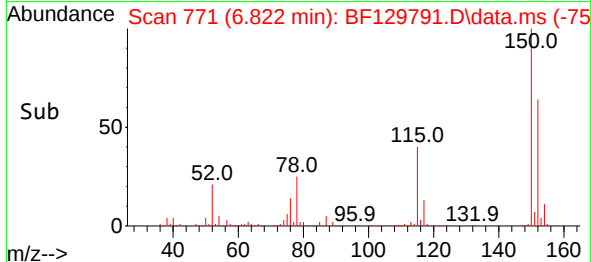
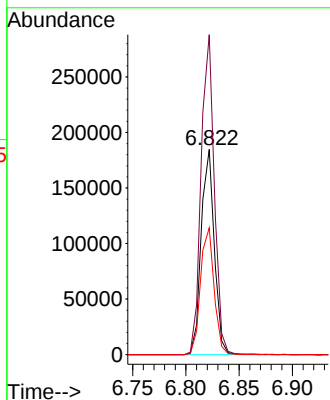
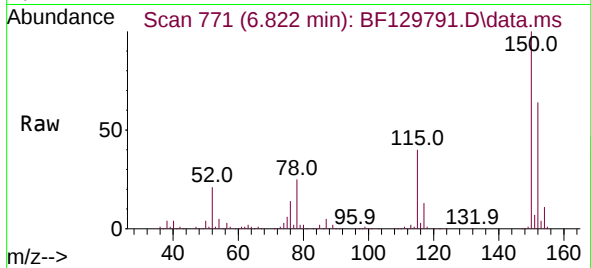




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: BF129791.D
 Acq: 15 Aug 2022 20:47

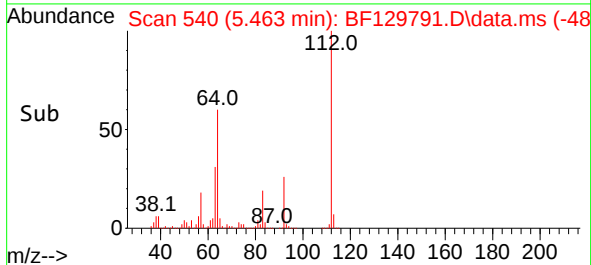
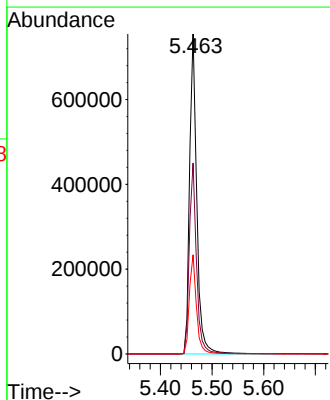
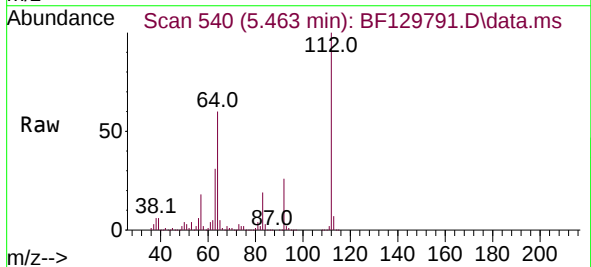
Instrument :
 BNA_F
 ClientSampleId :
 S9

Tgt Ion:152 Resp: 157309
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.9 190.3
 115 61.8 53.4 80.0



#5
 2-Fluorophenol
 Concen: 76.832 ng
 RT: 5.463 min Scan# 540
 Delta R.T. -0.000 min
 Lab File: BF129791.D
 Acq: 15 Aug 2022 20:47

Tgt Ion:112 Resp: 729988
 Ion Ratio Lower Upper
 112 100
 64 59.6 47.6 71.4
 63 31.0 24.6 37.0

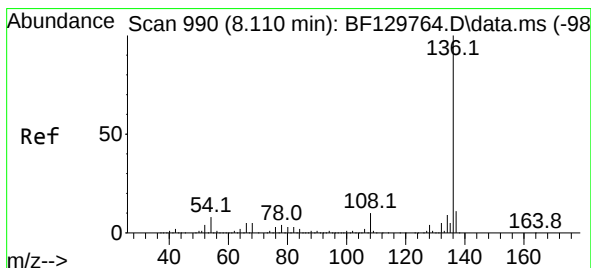
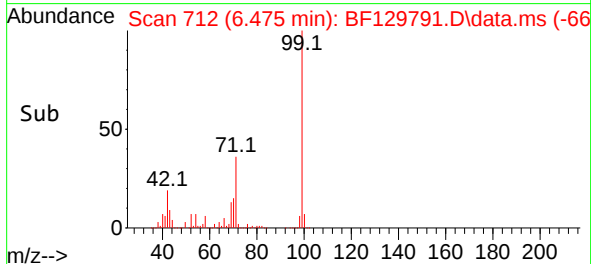
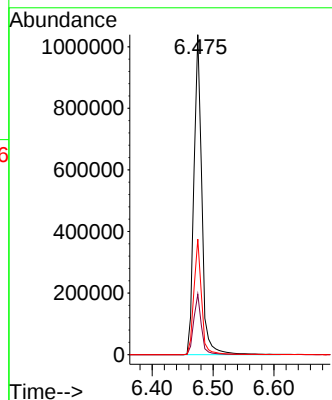
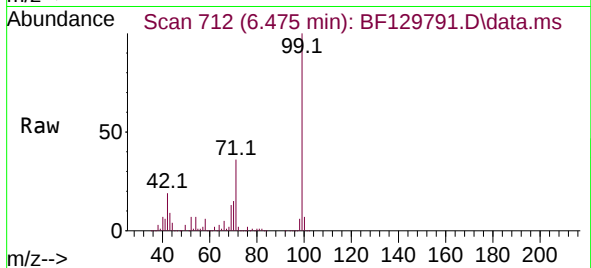




#7
Phenol-d6
Concen: 78.980 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129791.D
Acq: 15 Aug 2022 20:47

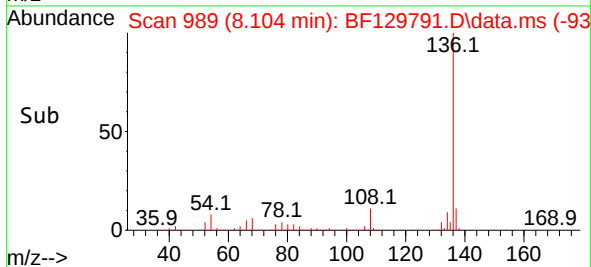
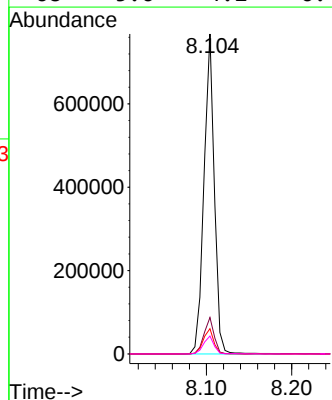
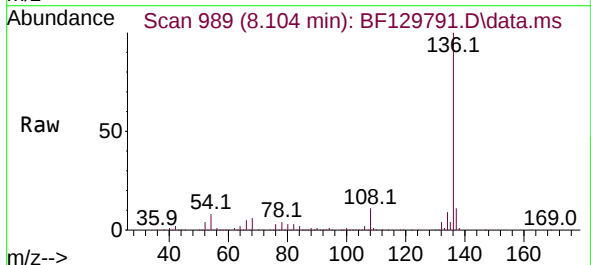
Instrument :
BNA_F
ClientSampleId :
S9

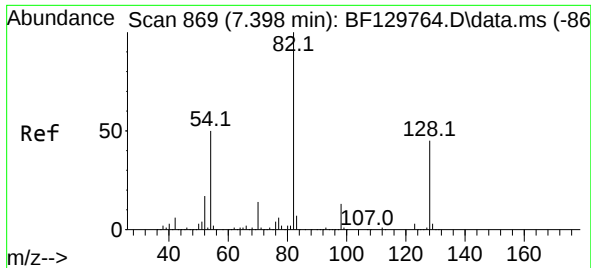
Tgt Ion: 99 Resp: 939703
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 36.1 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129791.D
Acq: 15 Aug 2022 20:47

Tgt Ion: 136 Resp: 647195
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 7.9 6.2 9.2
68 5.6 4.2 6.4

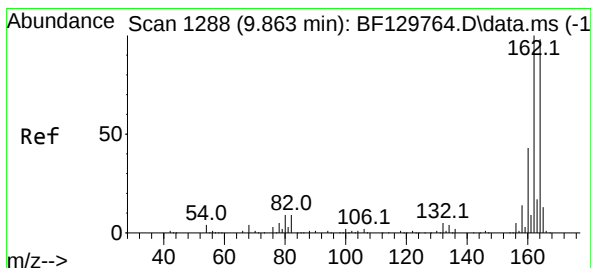
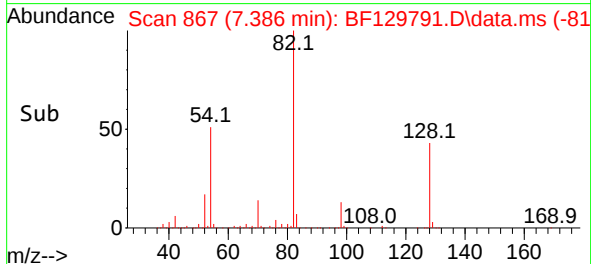
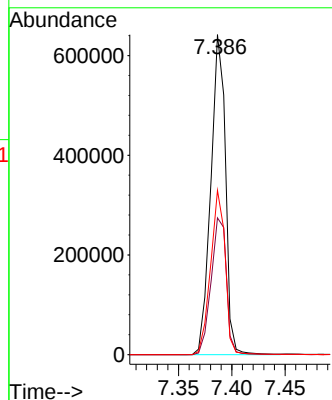
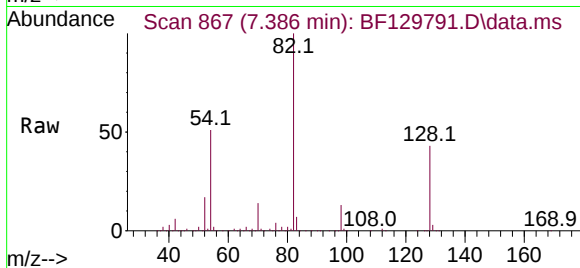




#23
Nitrobenzene-d5
Concen: 50.910 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF129791.D
Acq: 15 Aug 2022 20:47

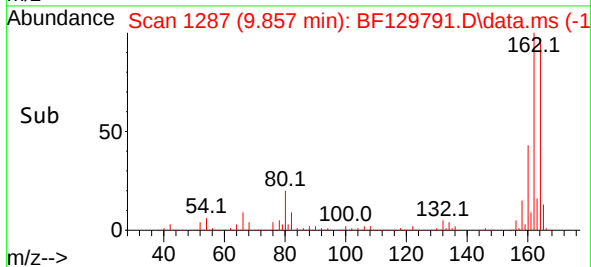
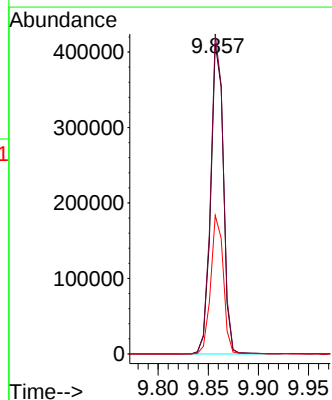
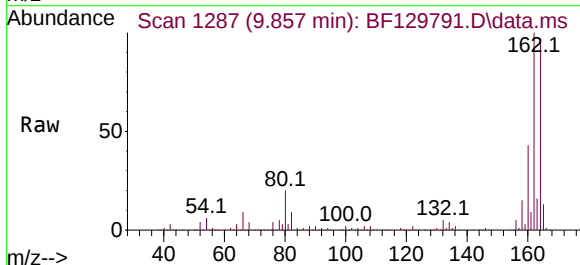
Instrument :
BNA_F
ClientSampleId :
S9

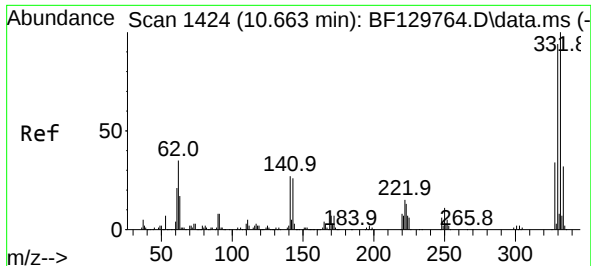
Tgt Ion: 82 Resp: 615494
Ion Ratio Lower Upper
82 100
128 42.7 36.1 54.1
54 51.3 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129791.D
Acq: 15 Aug 2022 20:47

Tgt Ion: 164 Resp: 359086
Ion Ratio Lower Upper
164 100
162 103.1 82.0 123.0
160 44.7 35.4 53.0

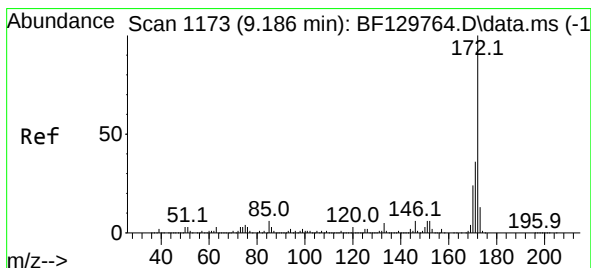
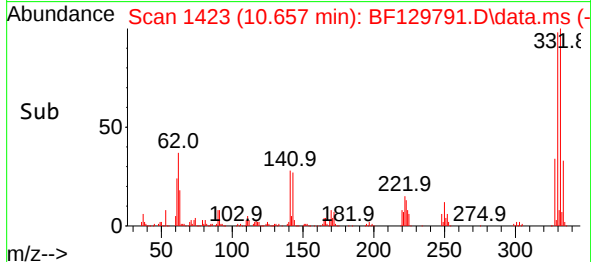
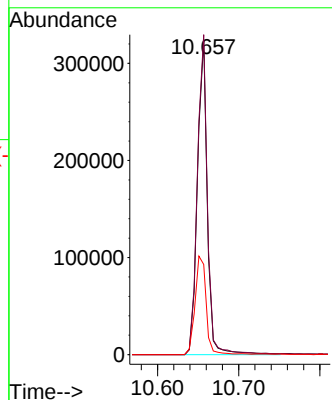
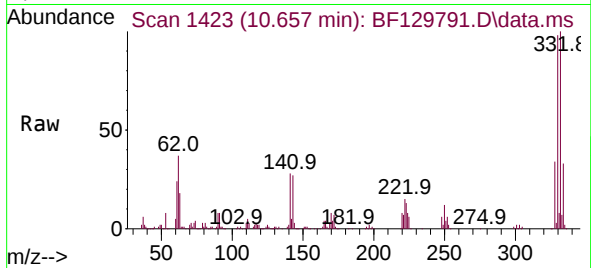




#42
 2,4,6-Tribromophenol
 Concen: 76.023 ng
 RT: 10.657 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: BF129791.D
 Acq: 15 Aug 2022 20:47

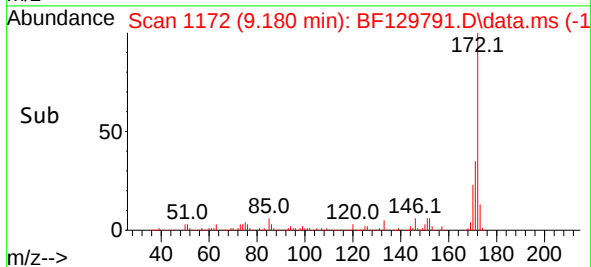
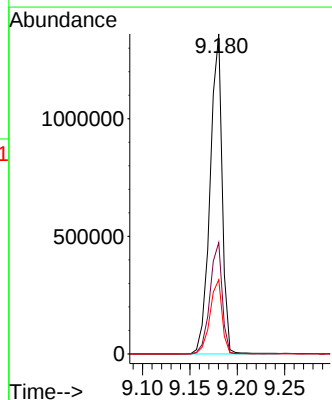
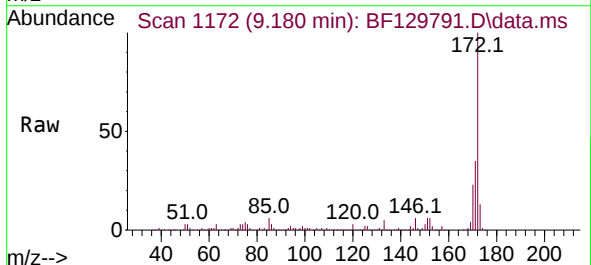
Instrument :
 BNA_F
 ClientSampleId :
 S9

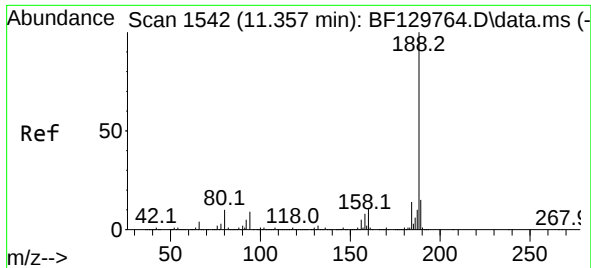
Tgt Ion:330 Resp: 273984
 Ion Ratio Lower Upper
 330 100
 332 103.9 82.6 124.0
 141 35.2 27.6 41.4



#45
 2-Fluorobiphenyl
 Concen: 51.235 ng
 RT: 9.180 min Scan# 1172
 Delta R.T. -0.006 min
 Lab File: BF129791.D
 Acq: 15 Aug 2022 20:47

Tgt Ion:172 Resp: 1211334
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.4 42.6
 170 23.2 19.1 28.7

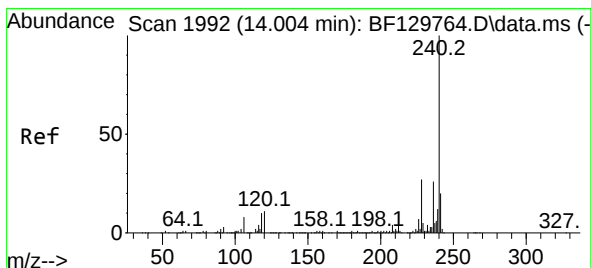
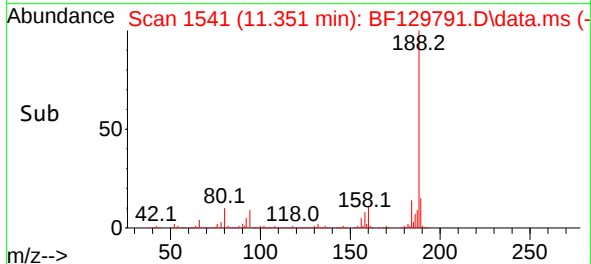
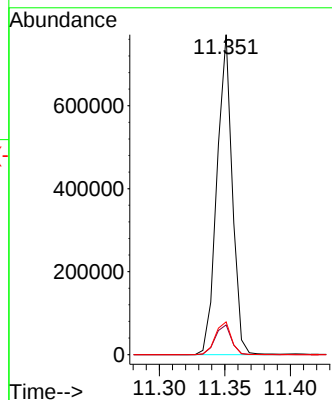
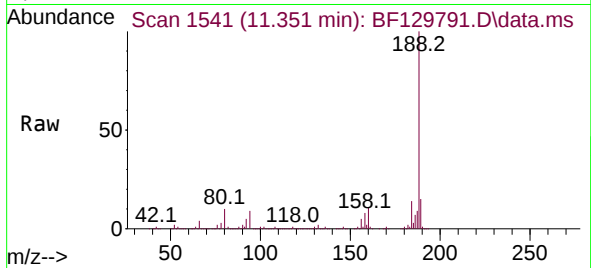




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129791.D
Acq: 15 Aug 2022 20:47

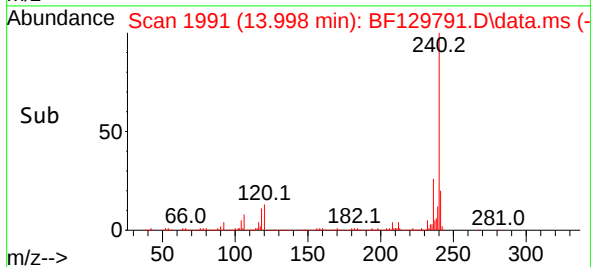
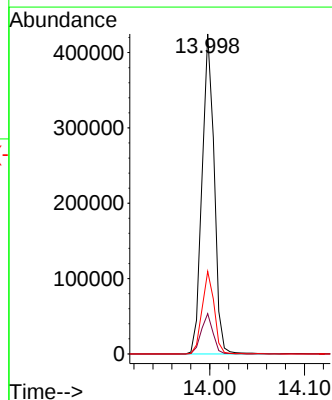
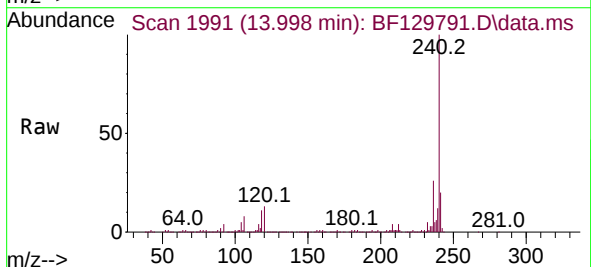
Instrument :
BNA_F
ClientSampleId :
S9

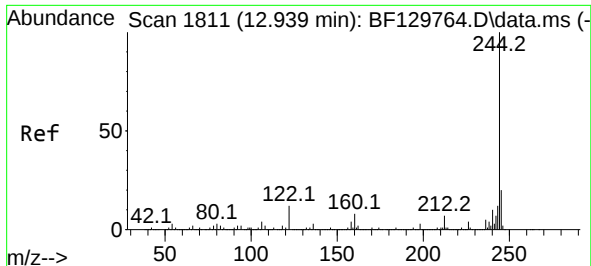
Tgt Ion:188 Resp: 627690
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129791.D
Acq: 15 Aug 2022 20:47

Tgt Ion:240 Resp: 377764
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.8 20.7 31.1

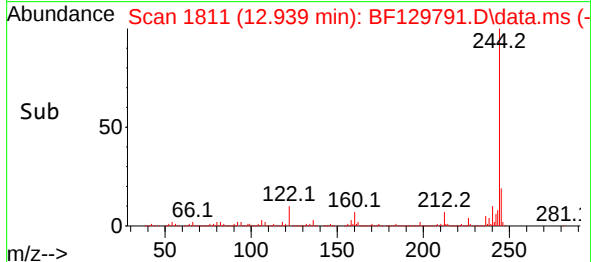
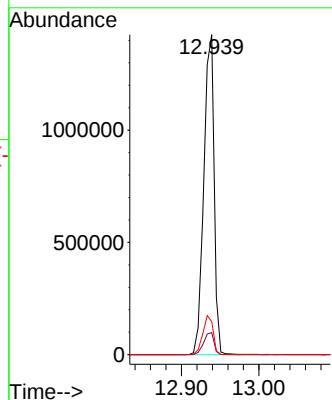
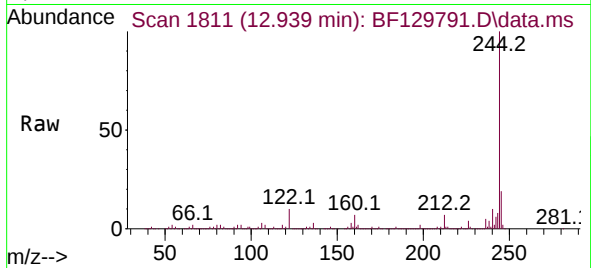




#79
 Terphenyl-d14
 Concen: 57.968 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: BF129791.D
 Acq: 15 Aug 2022 20:47

Instrument :
 BNA_F
 ClientSampleId :
 S9

Tgt Ion:244 Resp: 1316058
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF129791.D
 Acq: 15 Aug 2022 20:47

Tgt Ion:264 Resp: 300509
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.6 16.7 25.1

