

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129792.D
 Acq On : 15 Aug 2022 21:18
 Operator : CG\JU
 Sample : N4200-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2

Quant Time: Aug 16 03:18:36 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	145753	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	605900	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	331026	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	584507	20.000	ng	0.00
76) Chrysene-d12	13.998	240	368846	20.000	ng	0.00
86) Perylene-d12	15.468	264	273859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	783565	89.010	ng	0.00
7) Phenol-d6	6.475	99	989202	89.732	ng	0.00
23) Nitrobenzene-d5	7.387	82	628467	55.526	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	288690	86.894	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1208723	55.458	ng	-0.01
79) Terphenyl-d14	12.933	244	1260354	56.857	ng	0.00

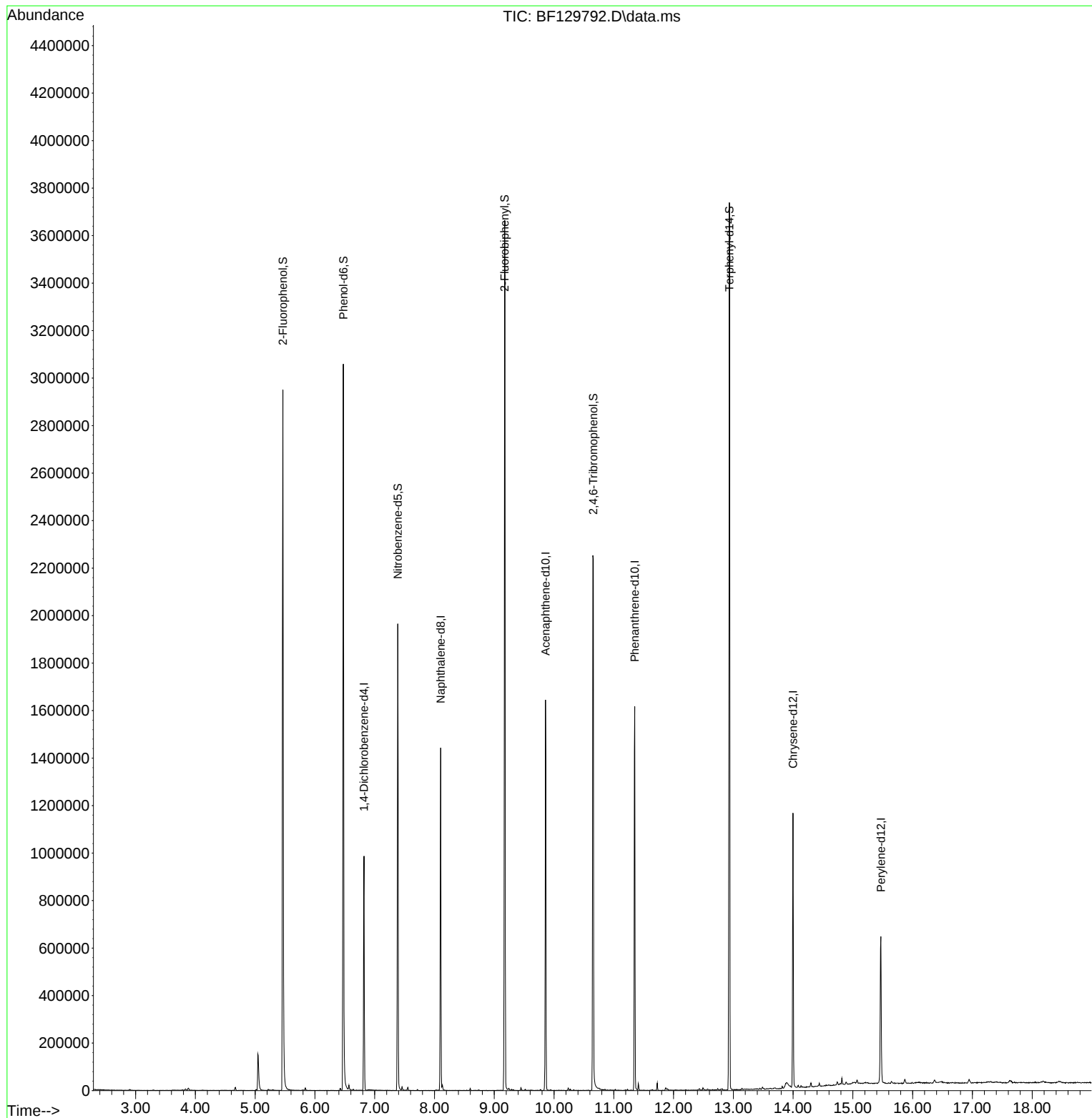
Target Compounds	Qvalue

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

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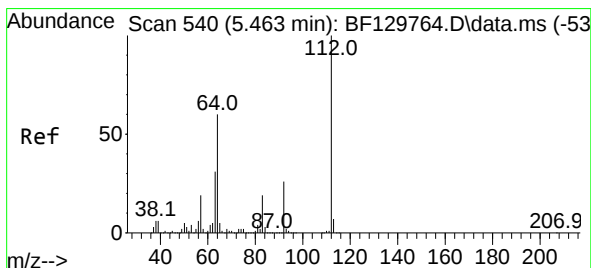
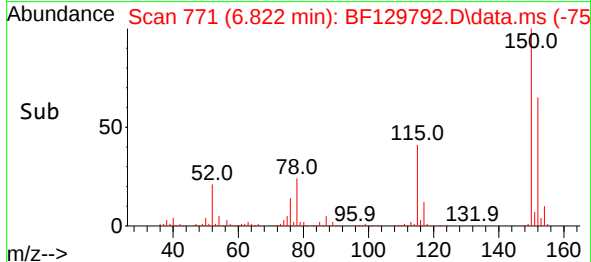
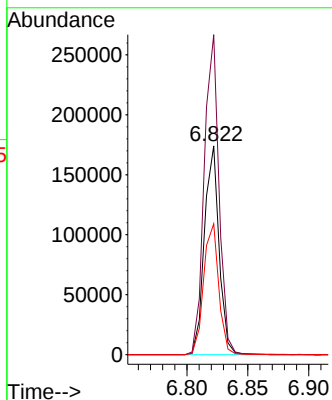
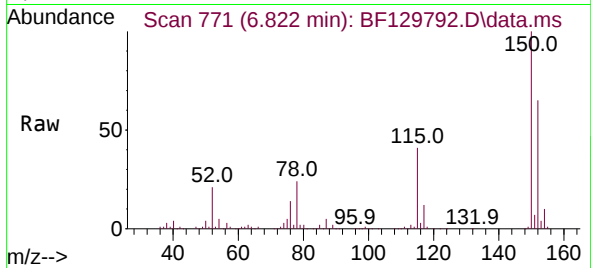




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129792.D
Acq: 15 Aug 2022 21:18

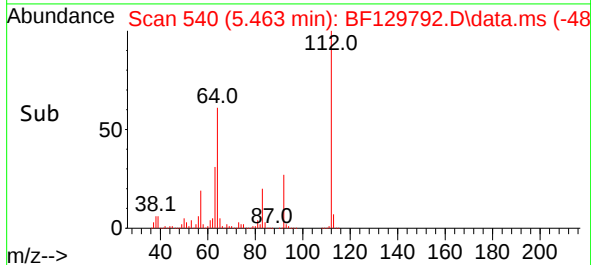
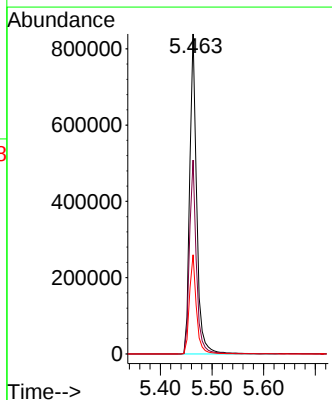
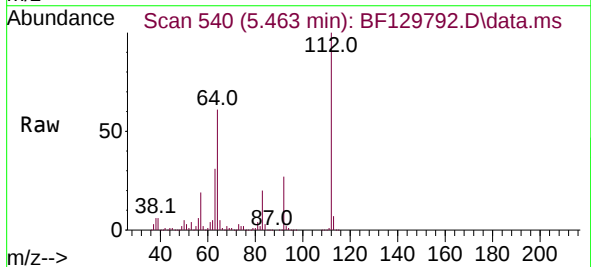
Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:152 Resp: 145753
Ion Ratio Lower Upper
152 100
150 153.3 126.9 190.3
115 62.7 53.4 80.0



#5
2-Fluorophenol
Concen: 89.010 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129792.D
Acq: 15 Aug 2022 21:18

Tgt Ion:112 Resp: 783565
Ion Ratio Lower Upper
112 100
64 60.6 47.6 71.4
63 31.0 24.6 37.0

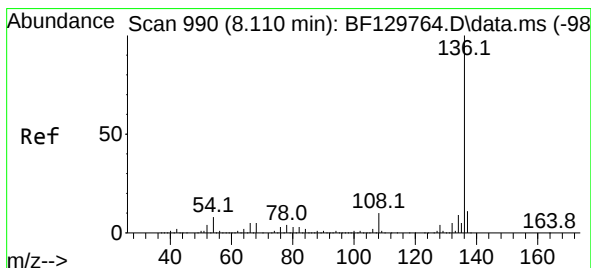
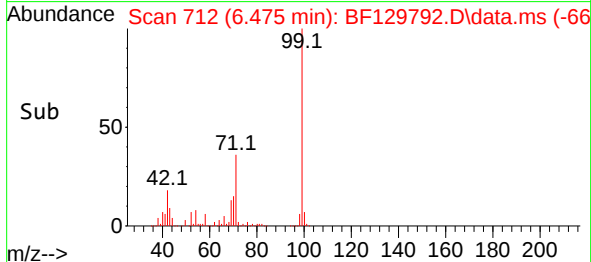
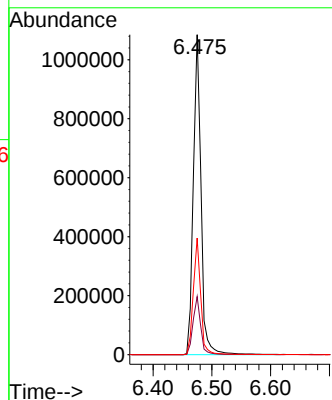
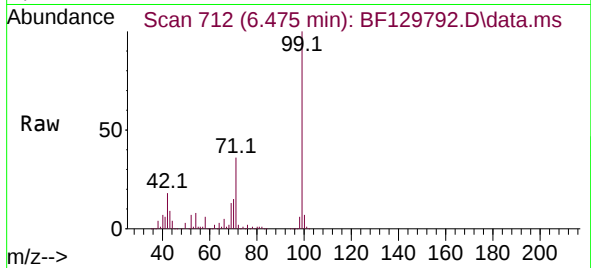




#7
Phenol-d6
Concen: 89.732 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129792.D
Acq: 15 Aug 2022 21:18

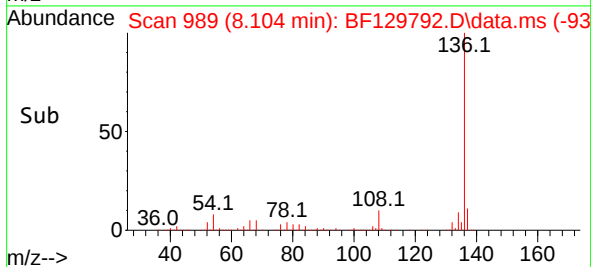
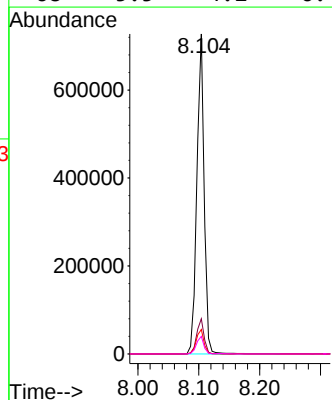
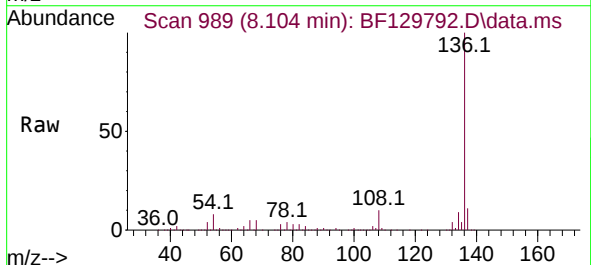
Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion: 99 Resp: 989202
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 36.4 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: BF129792.D
Acq: 15 Aug 2022 21:18

Tgt Ion: 136 Resp: 605900
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.6 6.2 9.2
68 5.5 4.2 6.4

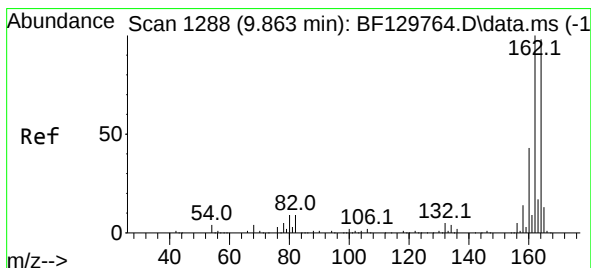
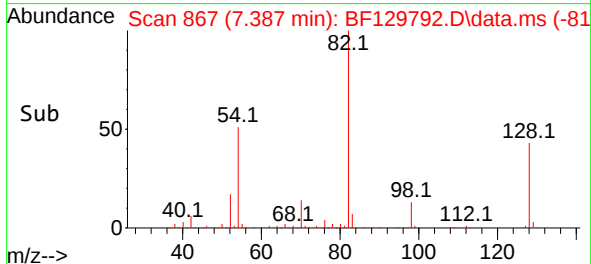
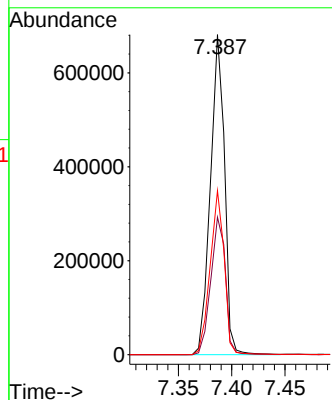
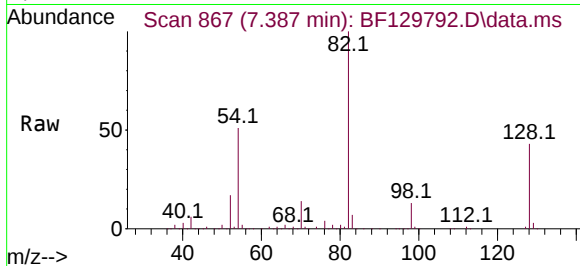




#23
Nitrobenzene-d5
Concen: 55.526 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129792.D
Acq: 15 Aug 2022 21:18

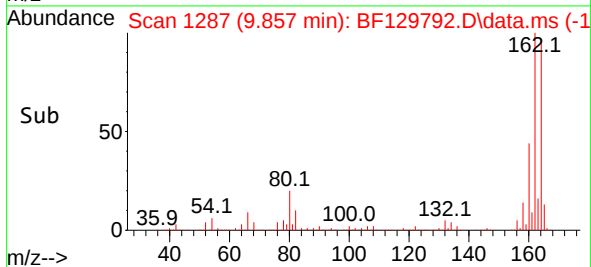
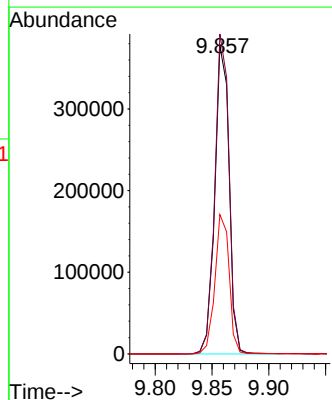
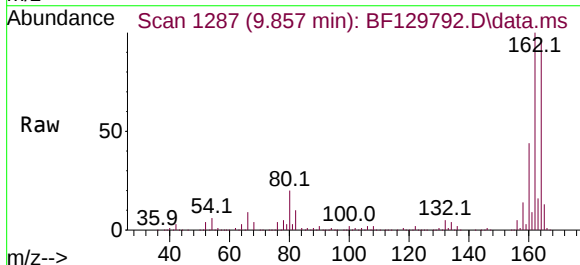
Instrument :
BNA_F
ClientSampleId :
S2

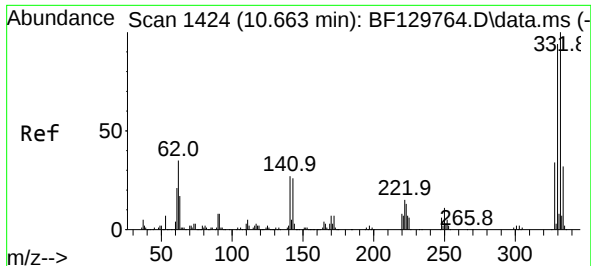
Tgt Ion: 82 Resp: 628467
Ion Ratio Lower Upper
82 100
128 42.9 36.1 54.1
54 51.2 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129792.D
Acq: 15 Aug 2022 21:18

Tgt Ion:164 Resp: 331026
Ion Ratio Lower Upper
164 100
162 103.8 82.0 123.0
160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 86.894 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129792.D

Acq: 15 Aug 2022 21:18

Instrument :

BNA_F

ClientSampleId :

S2

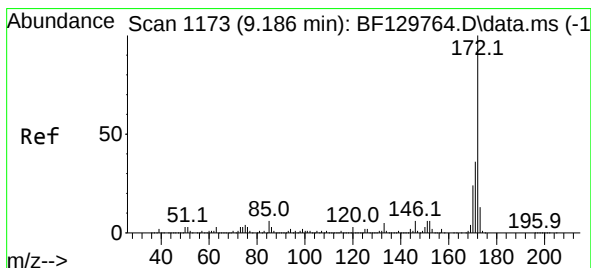
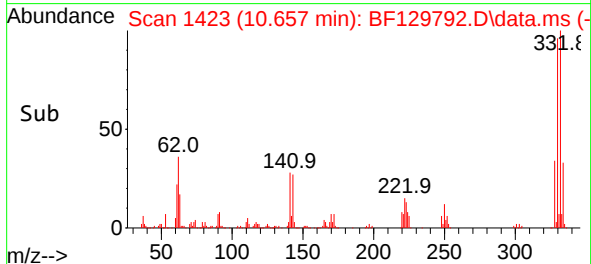
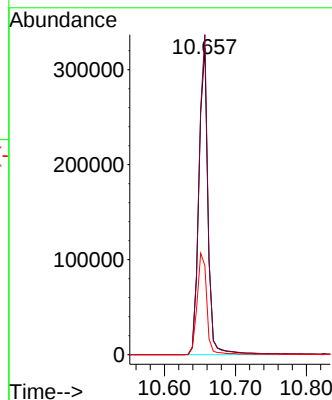
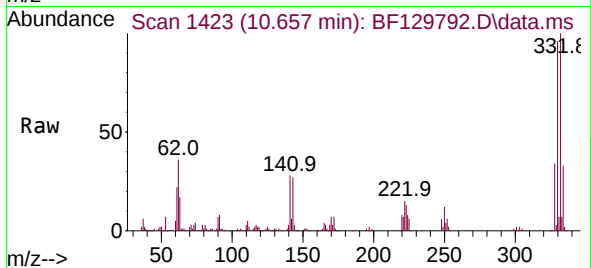
Tgt Ion:330 Resp: 288690

Ion Ratio Lower Upper

330 100

332 102.9 82.6 124.0

141 35.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 55.458 ng

RT: 9.175 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BF129792.D

Acq: 15 Aug 2022 21:18

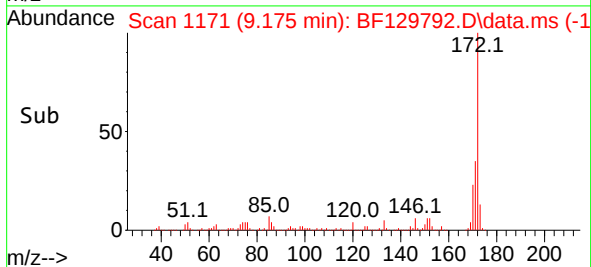
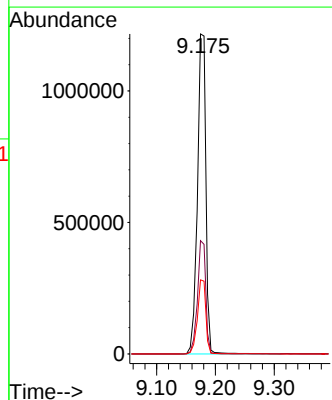
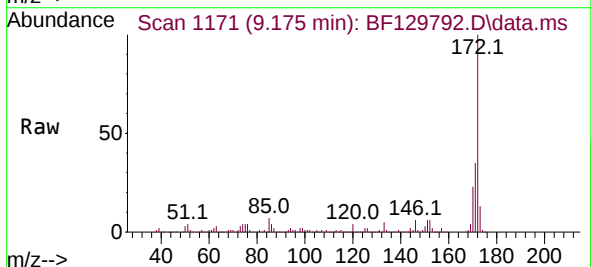
Tgt Ion:172 Resp: 1208723

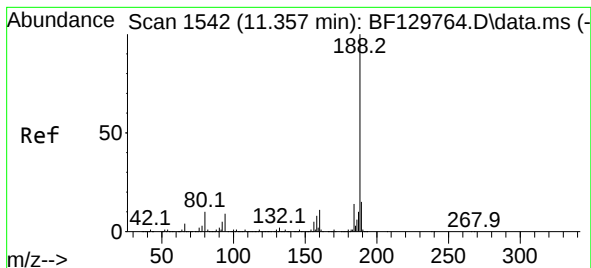
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.1 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: BF129792.D

Acq: 15 Aug 2022 21:18

Instrument :

BNA_F

ClientSampleId :

S2

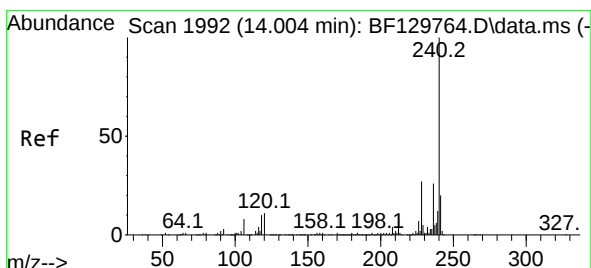
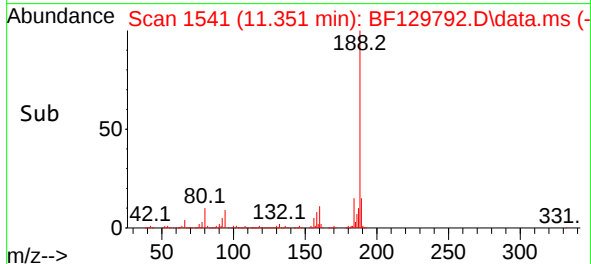
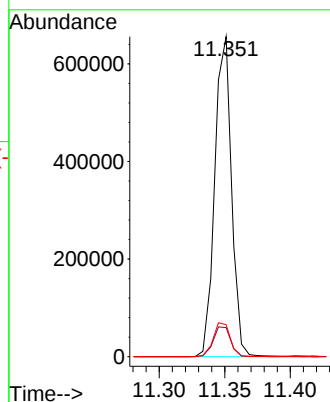
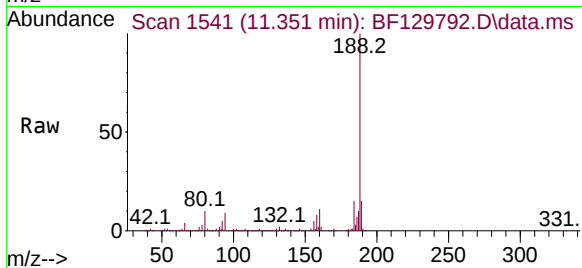
Tgt Ion:188 Resp: 584507

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 10.0 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: BF129792.D

Acq: 15 Aug 2022 21:18

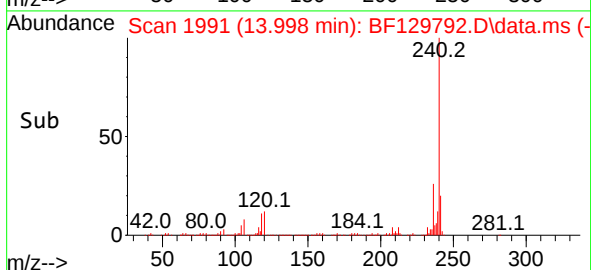
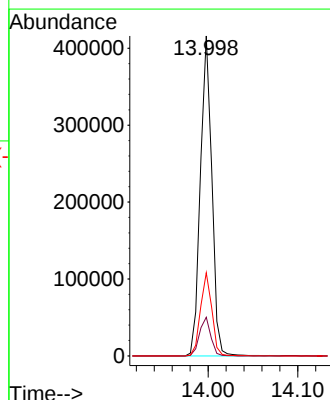
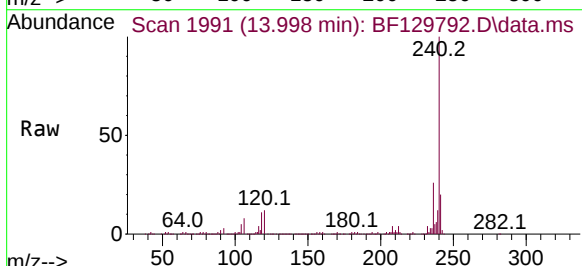
Tgt Ion:240 Resp: 368846

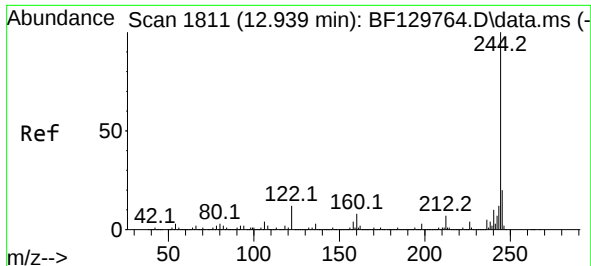
Ion Ratio Lower Upper

240 100

120 12.1 9.2 13.8

236 26.0 20.7 31.1

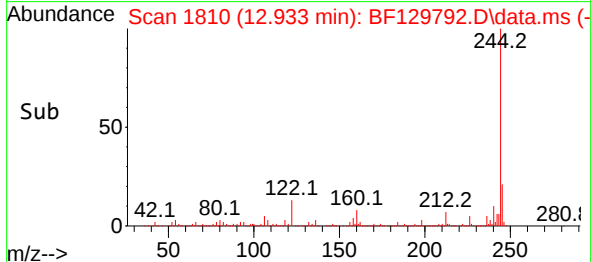
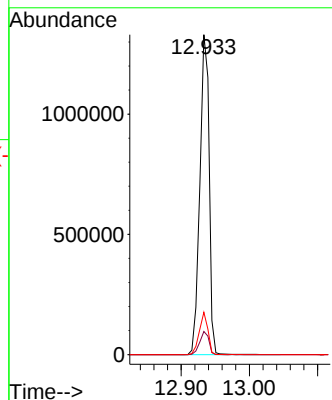
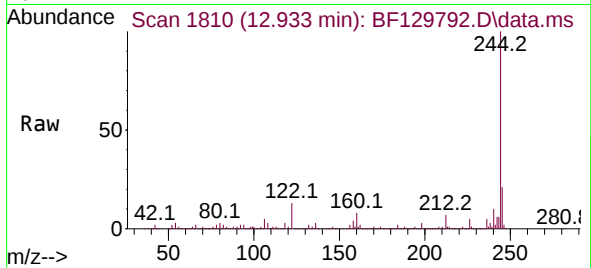




#79
Terphenyl-d14
Concen: 56.857 ng
RT: 12.933 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF129792.D
Acq: 15 Aug 2022 21:18

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:244 Resp: 1260354
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 13.2 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: BF129792.D
Acq: 15 Aug 2022 21:18

Tgt Ion:264 Resp: 273859
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 20.4 16.7 25.1

