

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129891.D
 Acq On : 18 Aug 2022 23:26
 Operator : CG\JU
 Sample : N4202-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB08

Quant Time: Aug 19 01:06:49 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	6.793	152	106313	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	411958	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	196057	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	280969	20.000	ng	0.00
76) Chrysene-d12	13.969	240	211395	20.000	ng	0.00
86) Perylene-d12	15.427	264	259603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	622610	96.964	ng	0.00
7) Phenol-d6	6.446	99	764532	95.080	ng	0.00
23) Nitrobenzene-d5	7.357	82	475413	61.777	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	154535	78.535	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	833547	64.573	ng	0.00
79) Terphenyl-d14	12.904	244	625658	49.247	ng	0.00

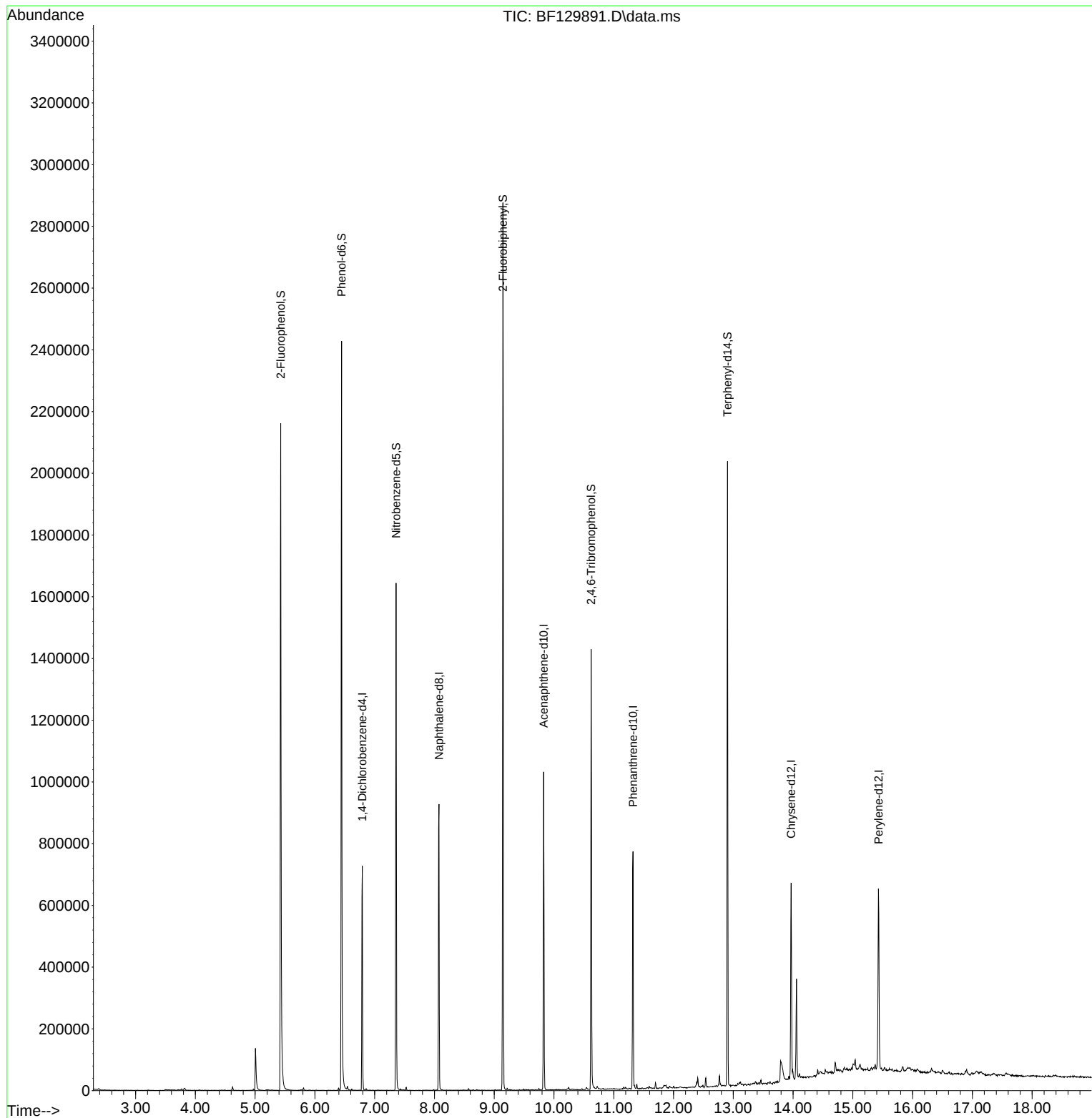
Target Compounds	Qvalue

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

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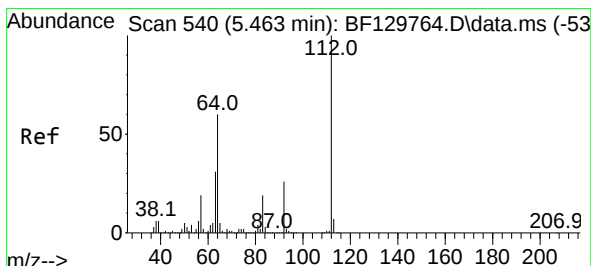
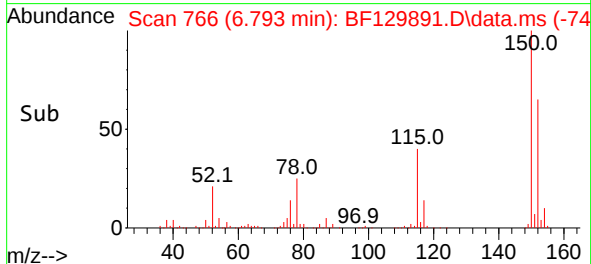
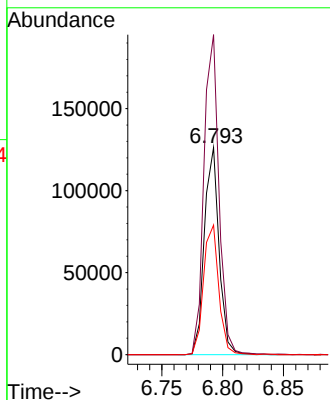
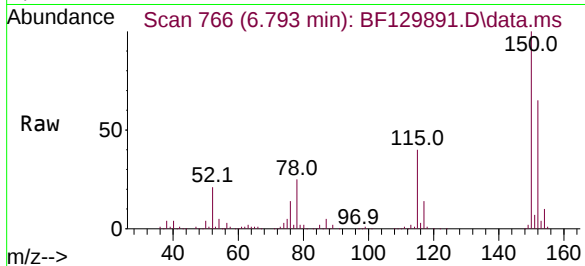




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

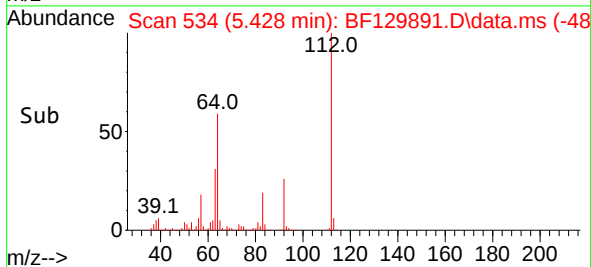
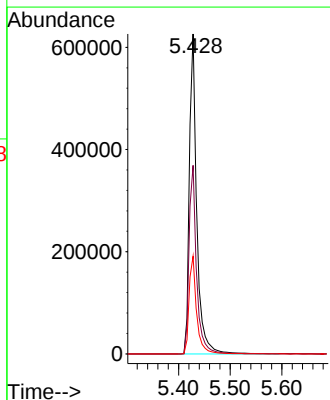
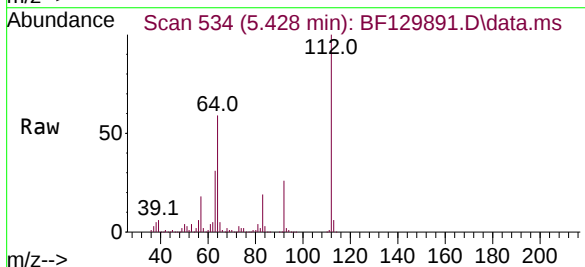
Instrument :
BNA_F
ClientSampleId :
SB08

Tgt Ion:152 Resp: 106313
Ion Ratio Lower Upper
152 100
150 154.4 126.9 190.3
115 62.5 53.4 80.0



#5
2-Fluorophenol
Concen: 96.964 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

Tgt Ion:112 Resp: 622610
Ion Ratio Lower Upper
112 100
64 58.9 47.6 71.4
63 30.5 24.6 37.0

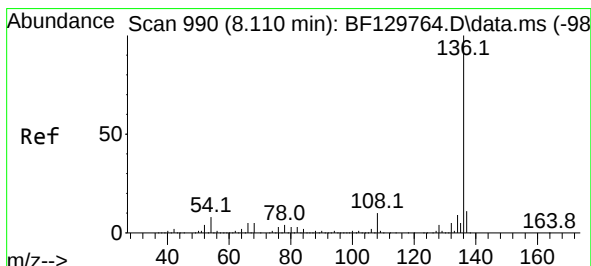
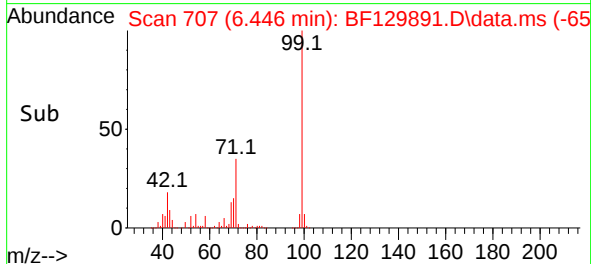
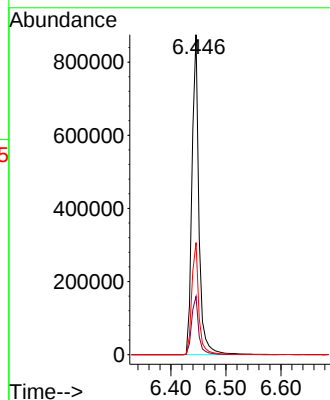
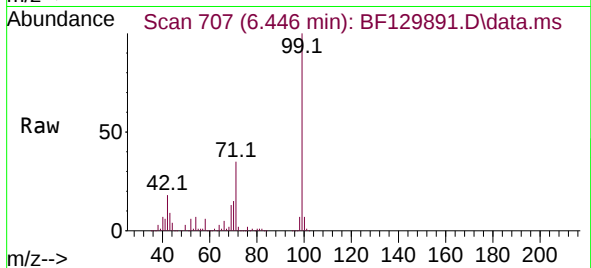




#7
Phenol-d6
Concen: 95.080 ng
RT: 6.446 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

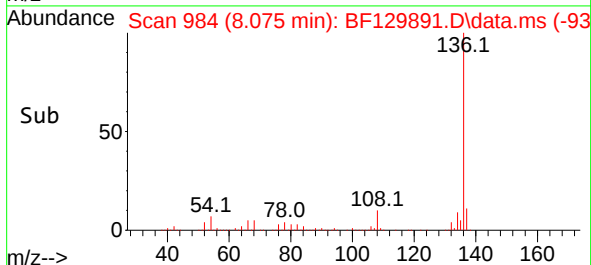
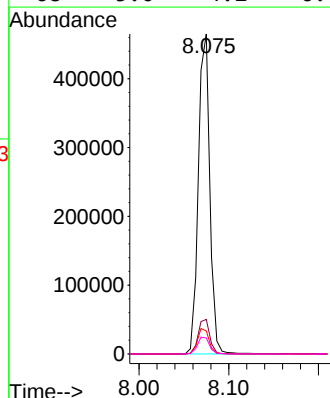
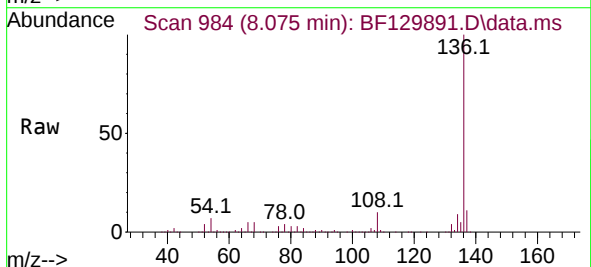
Instrument :
BNA_F
ClientSampleId :
SB08

Tgt Ion: 99 Resp: 764532
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 35.0 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: BF129891.D
Acq: 18 Aug 2022 23:26

Tgt Ion: 136 Resp: 411958
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.2 6.2 9.2
68 5.0 4.2 6.4

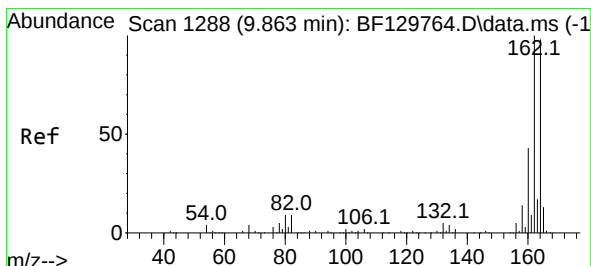
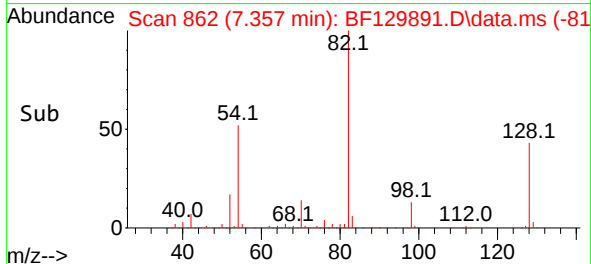
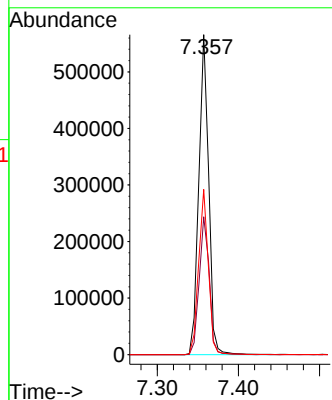
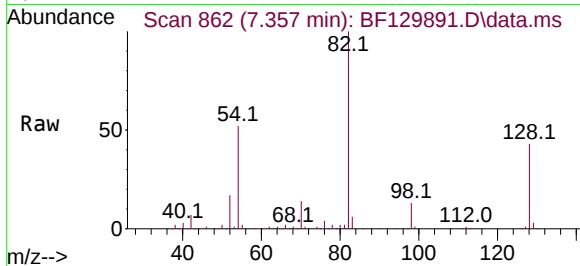




#23
Nitrobenzene-d5
Concen: 61.777 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

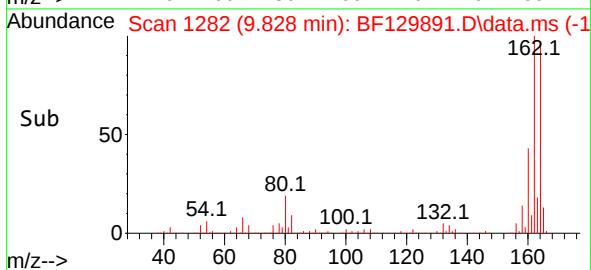
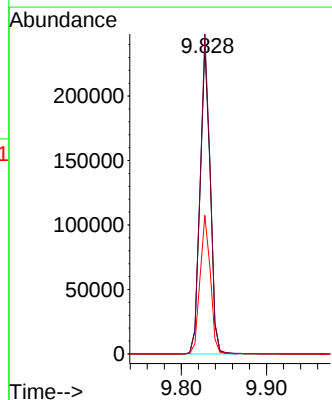
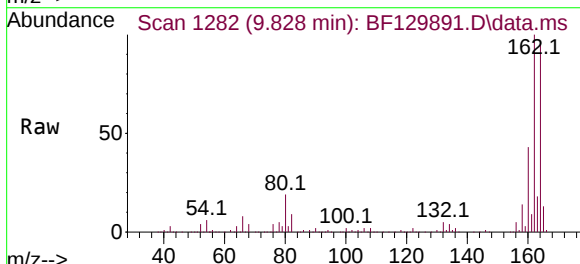
Instrument :
BNA_F
ClientSampleId :
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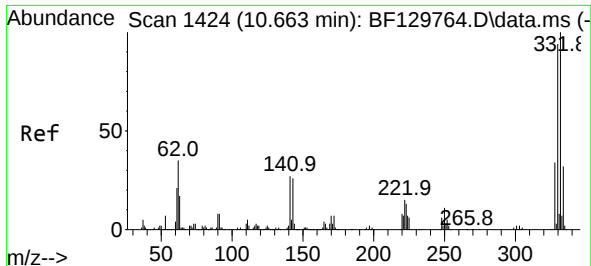
Tgt Ion: 82 Resp: 475413
Ion Ratio Lower Upper
82 100
128 43.1 36.1 54.1
54 51.6 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

Tgt Ion:164 Resp: 196057
Ion Ratio Lower Upper
164 100
162 104.0 82.0 123.0
160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 78.535 ng

RT: 10.622 min Scan# 1417

Delta R.T. -0.006 min

Lab File: BF129891.D

Acq: 18 Aug 2022 23:26

Instrument :

BNA_F

ClientSampleId :

SB08

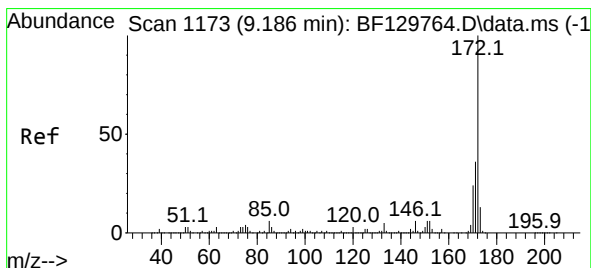
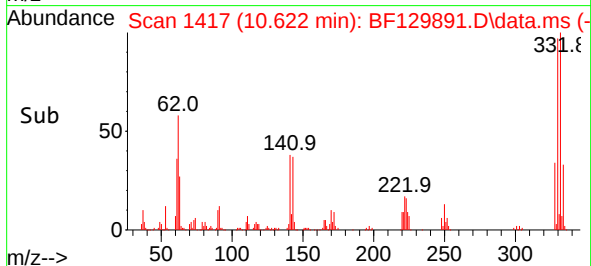
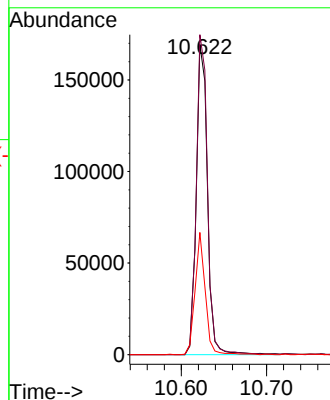
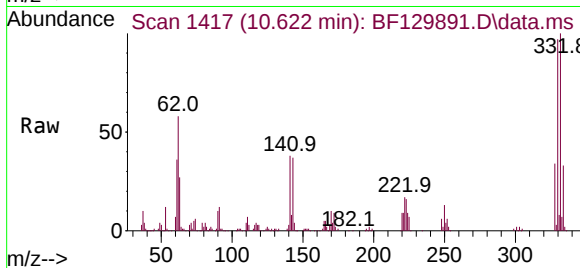
Tgt Ion:330 Resp: 154535

Ion Ratio Lower Upper

330 100

332 103.1 82.6 124.0

141 35.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 64.573 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF129891.D

Acq: 18 Aug 2022 23:26

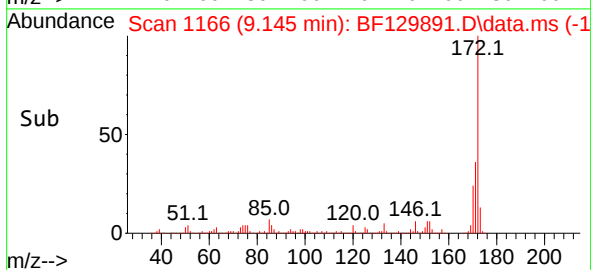
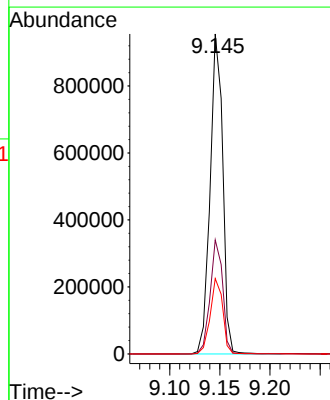
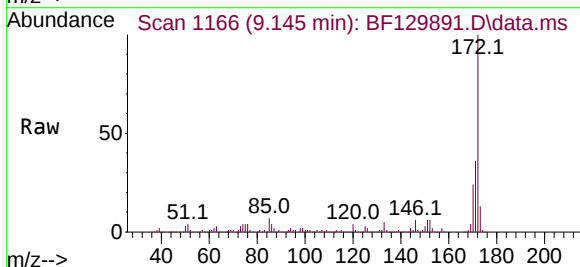
Tgt Ion:172 Resp: 833547

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.5 19.1 28.7

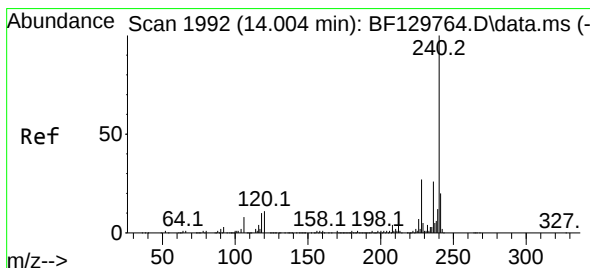
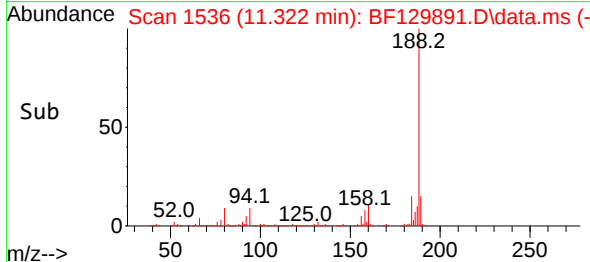
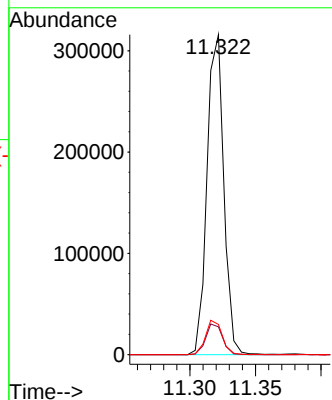
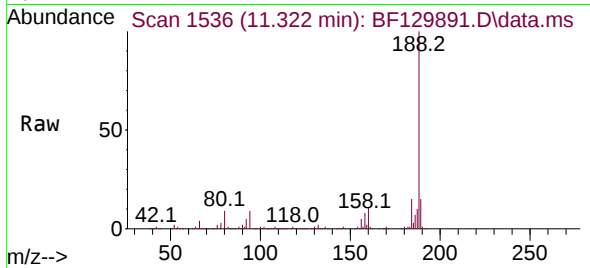




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

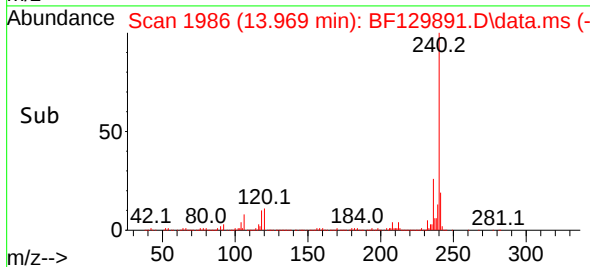
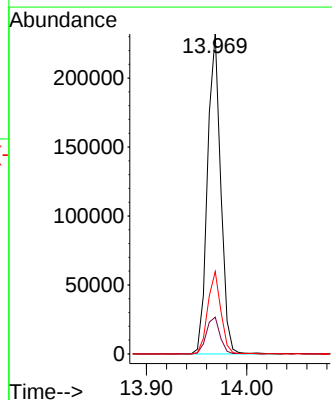
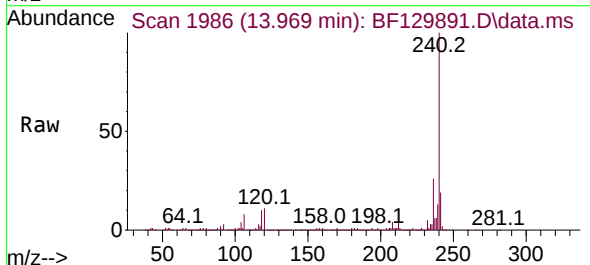
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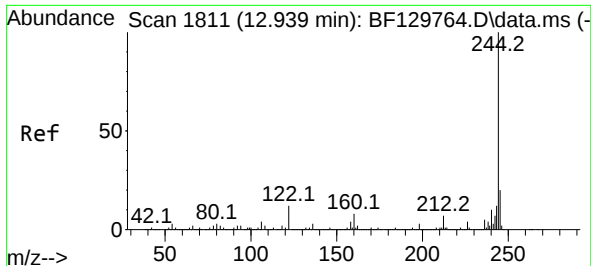
Tgt Ion:188 Resp: 280969
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

Tgt Ion:240 Resp: 211395
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.7 20.7 31.1

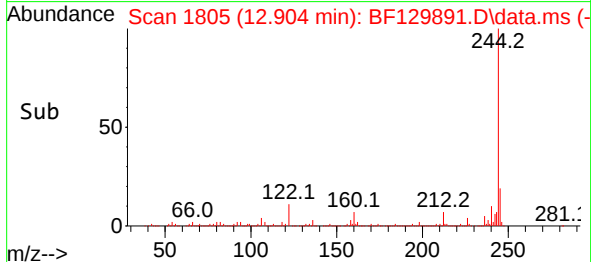
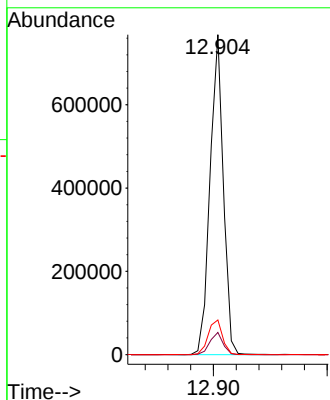
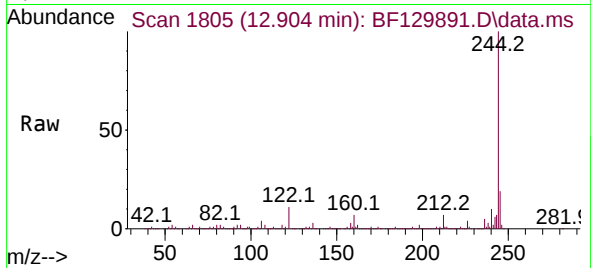




#79
 Terphenyl-d14
 Concen: 49.247 ng
 RT: 12.904 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129891.D
 Acq: 18 Aug 2022 23:26

Instrument :
 BNA_F
 ClientSampleId :
 SB08

Tgt Ion:244 Resp: 625658
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.8 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: BF129891.D
 Acq: 18 Aug 2022 23:26

Tgt Ion:264 Resp: 259603
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.3 16.7 25.1

