

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
 Data File : BF130808.D
 Acq On : 27 Oct 2022 20:49
 Operator : CG\JU
 Sample : PB148598BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148598BL

Quant Time: Oct 28 04:53:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	103762	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	402773	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	231742	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	454120	20.000	ng	0.00
76) Chrysene-d12	14.139	240	363372	20.000	ng	0.00
86) Perylene-d12	15.656	264	264584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	843601	140.945	ng	0.02
7) Phenol-d6	6.569	99	1078322	138.639	ng	0.00
23) Nitrobenzene-d5	7.516	82	702697	105.200	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	310959	159.401	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1312602	85.634	ng	0.00
79) Terphenyl-d14	13.086	244	1665108	83.970	ng	0.00

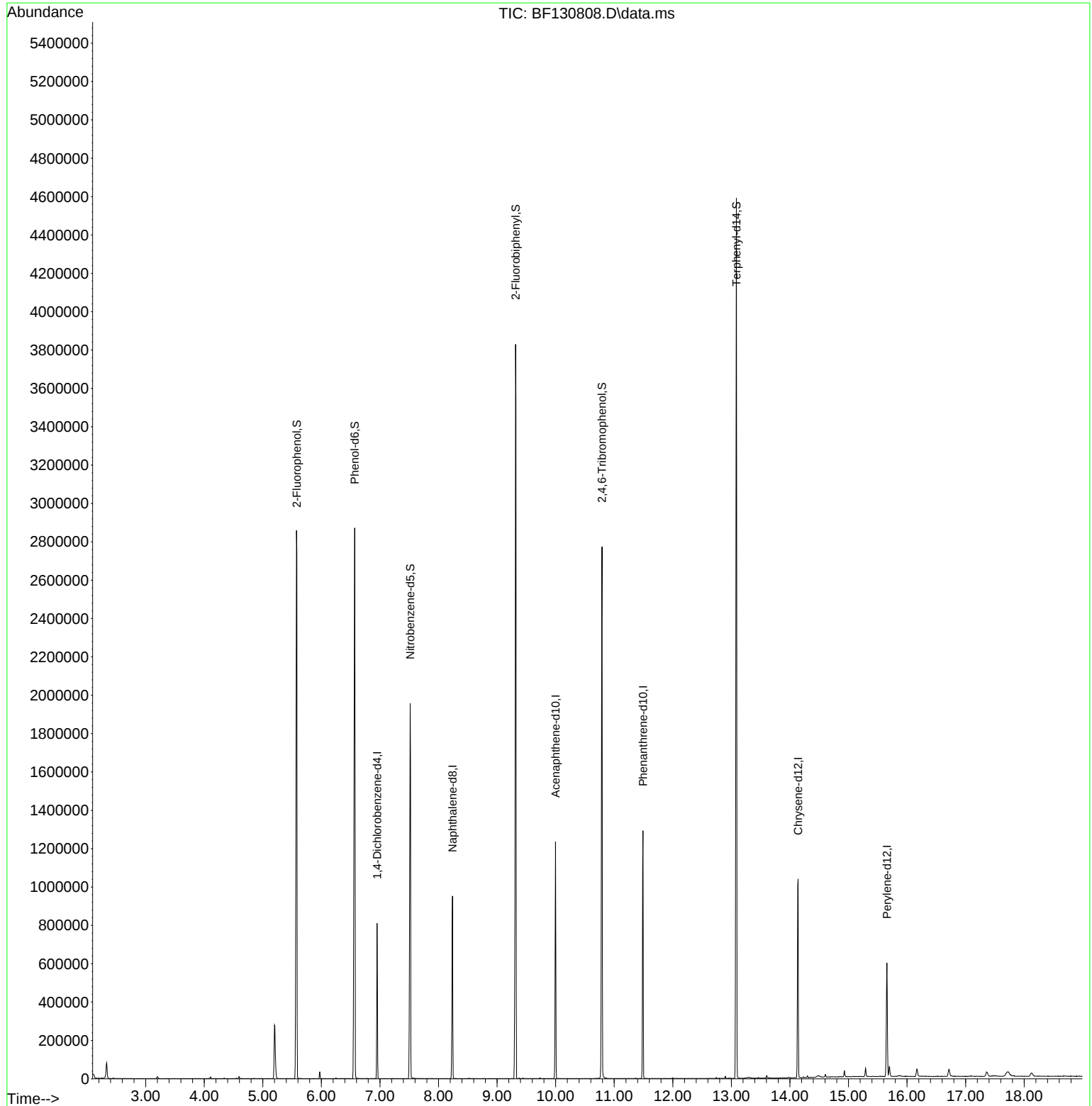
Target Compounds Qvalue

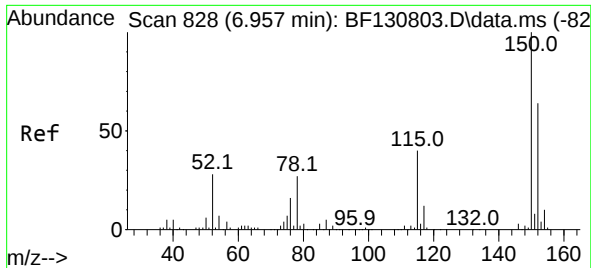
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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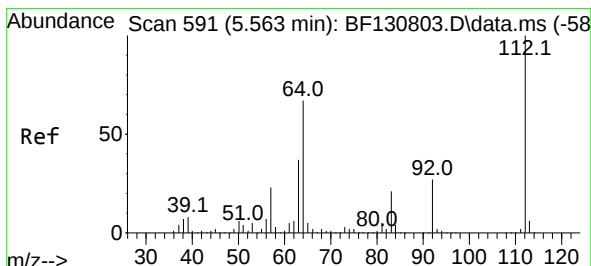
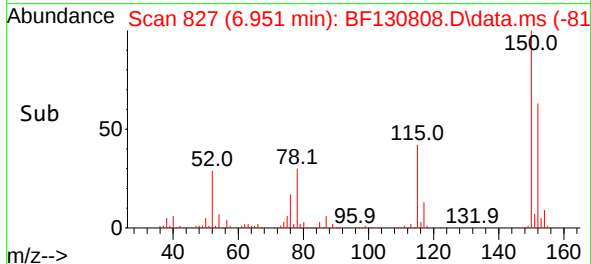
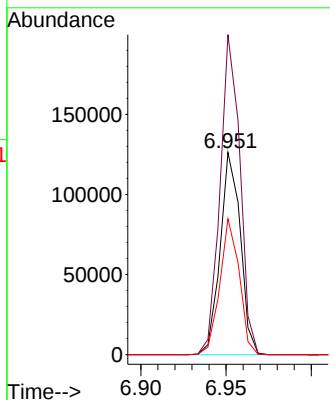
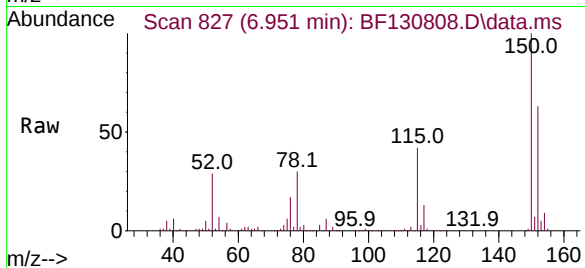




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

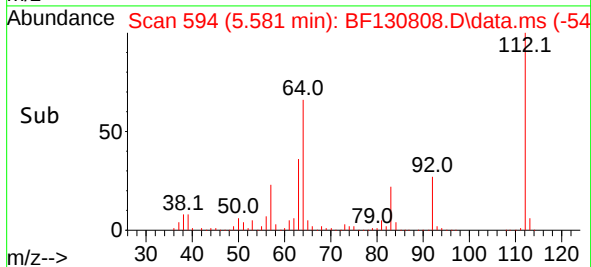
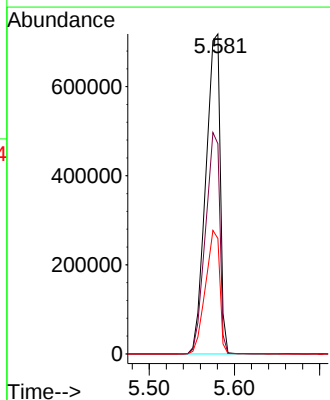
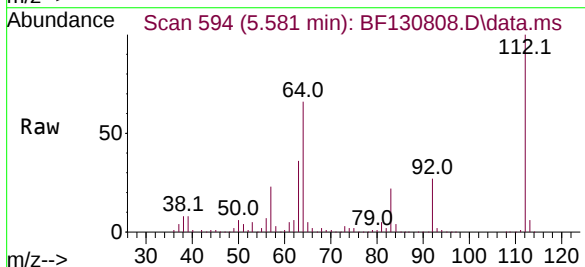
Instrument :
BNA_F
ClientSampleId :
PB148598BL

Tgt Ion:152 Resp: 103762
Ion Ratio Lower Upper
152 100
150 158.3 124.1 186.1
115 67.1 50.1 75.1



#5
2-Fluorophenol
Concen: 140.945 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.018 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

Tgt Ion:112 Resp: 843601
Ion Ratio Lower Upper
112 100
64 65.7 53.9 80.9
63 36.1 29.4 44.2



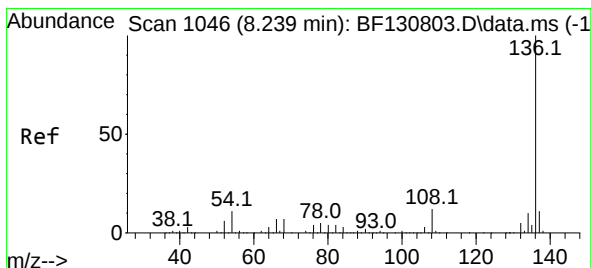
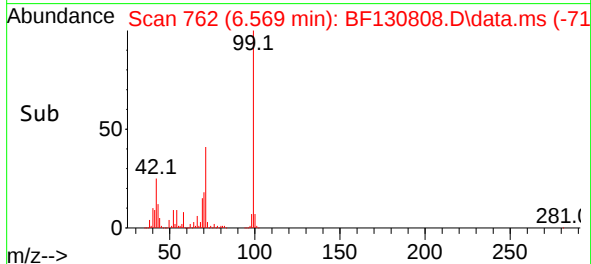
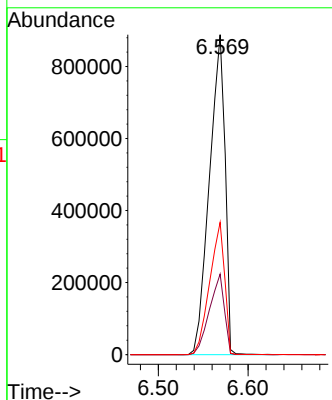
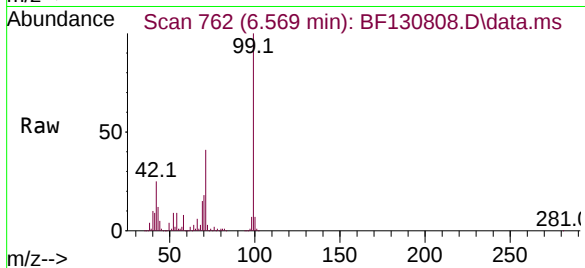


#7
Phenol-d6
Concen: 138.639 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

Instrument :
BNA_F
ClientSampleId :
PB148598BL

Tgt Ion: 99 Resp: 1078322

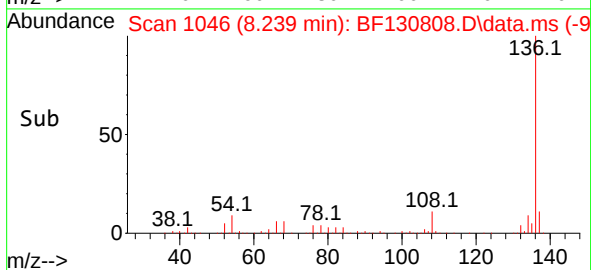
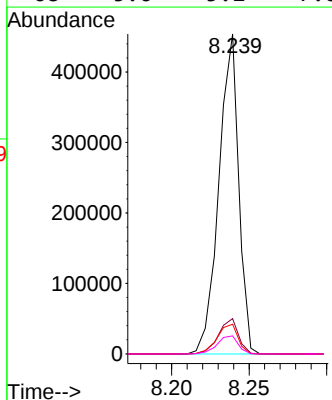
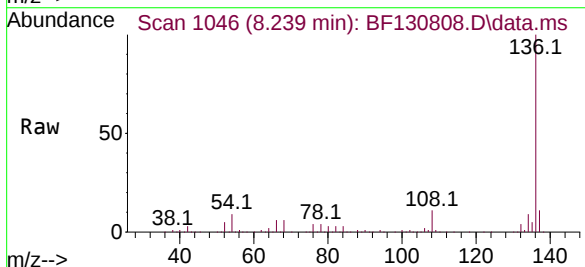
Ion	Ratio	Lower	Upper
99	100		
42	25.2	18.8	28.2
71	41.3	31.4	47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

Tgt Ion: 136 Resp: 402773

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.3	8.8	13.2
68	5.6	5.2	7.8

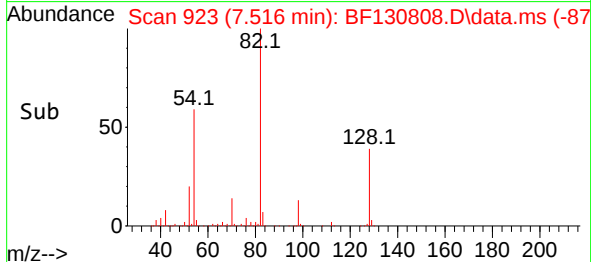
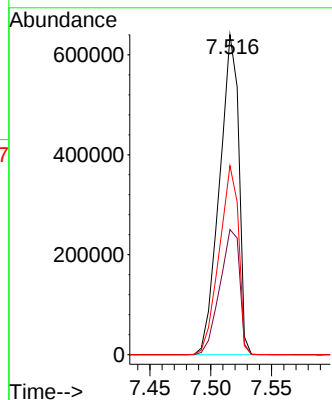
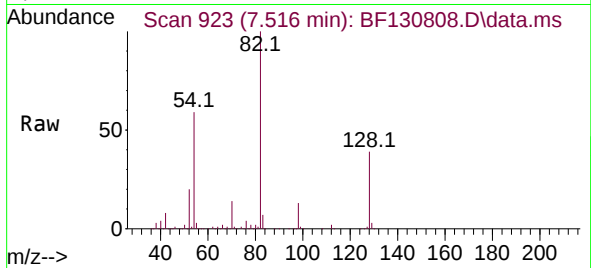




#23
Nitrobenzene-d5
Concen: 105.200 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

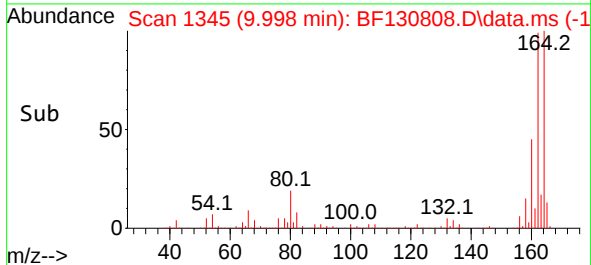
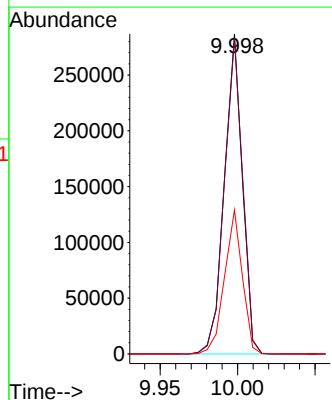
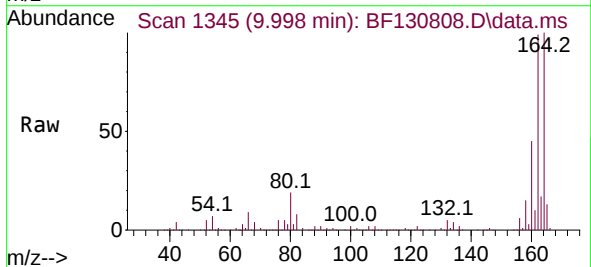
Instrument :
BNA_F
ClientSampleId :
PB148598BL

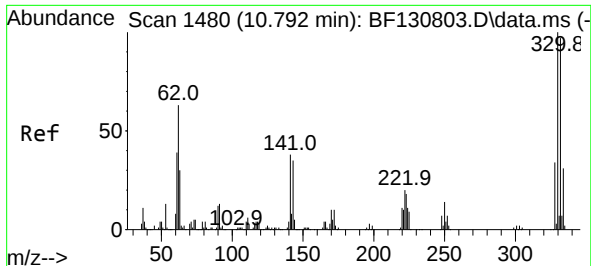
Tgt Ion: 82 Resp: 702697
Ion Ratio Lower Upper
82 100
128 39.1 31.2 46.8
54 59.0 48.0 72.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

Tgt Ion:164 Resp: 231742
Ion Ratio Lower Upper
164 100
162 98.7 82.2 123.2
160 45.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 159.401 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.000 min

Lab File: BF130808.D

Acq: 27 Oct 2022 20:49

Instrument :

BNA_F

ClientSampleId :

PB148598BL

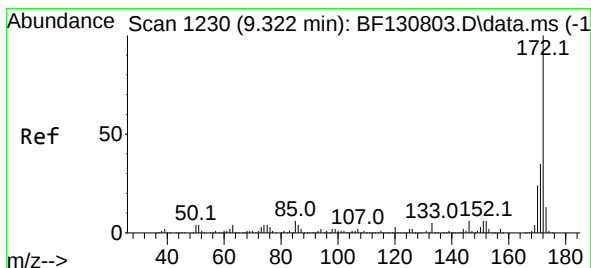
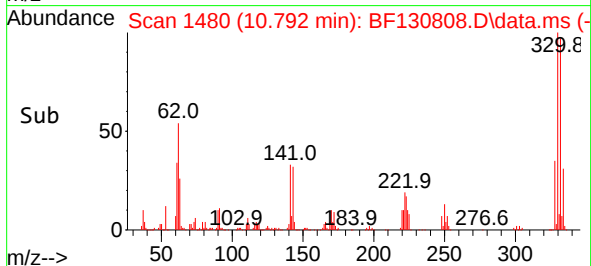
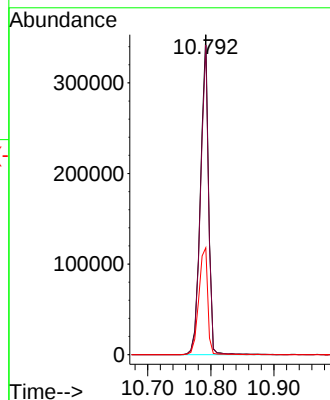
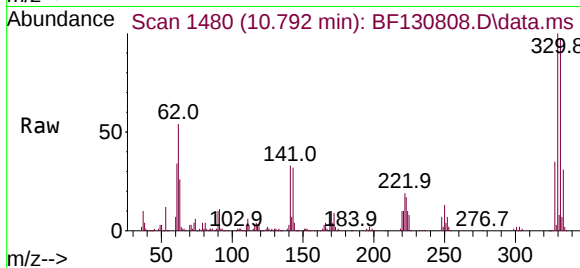
Tgt Ion:330 Resp: 310959

Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.4

141 37.2 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 85.634 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF130808.D

Acq: 27 Oct 2022 20:49

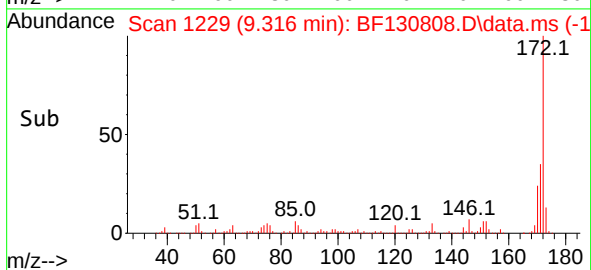
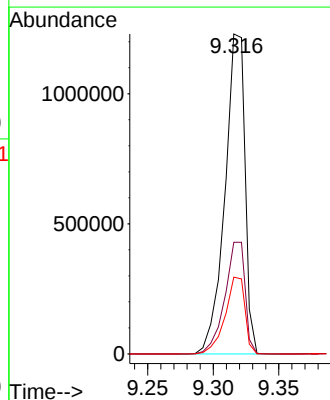
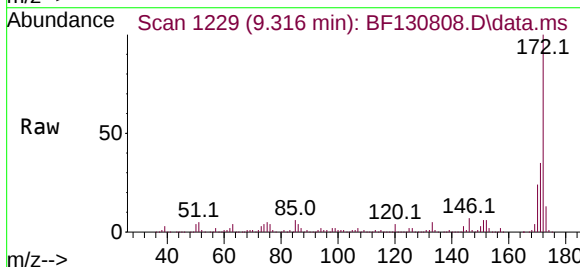
Tgt Ion:172 Resp: 1312602

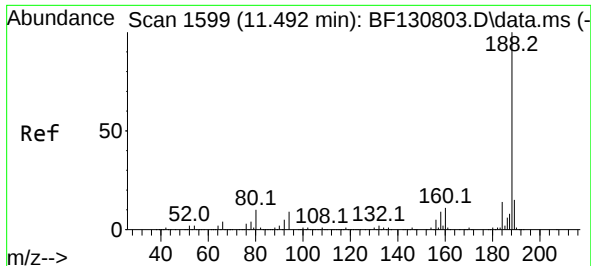
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 24.0 19.0 28.4

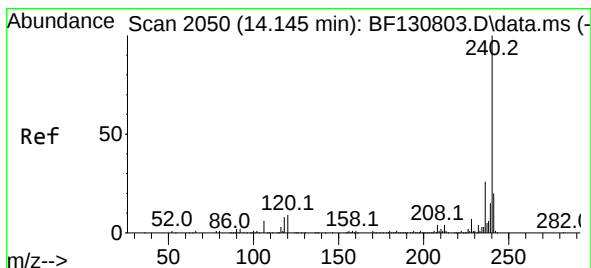
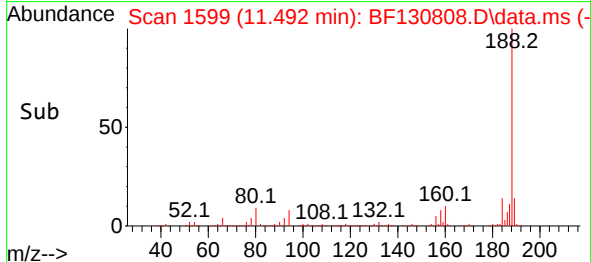
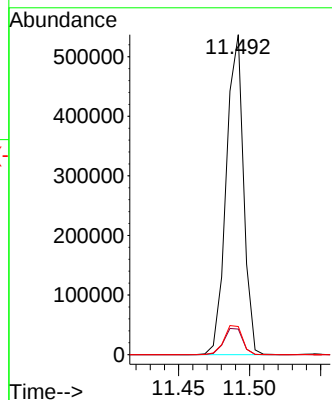
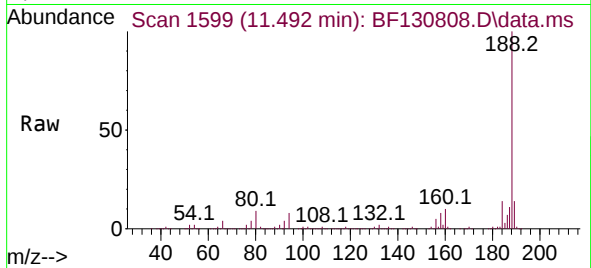




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

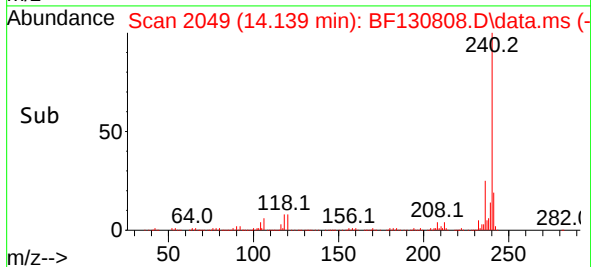
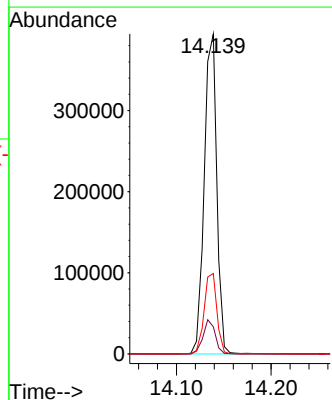
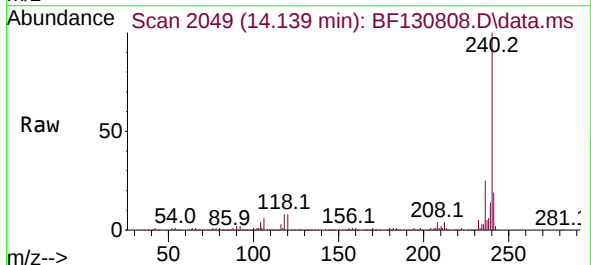
Instrument :
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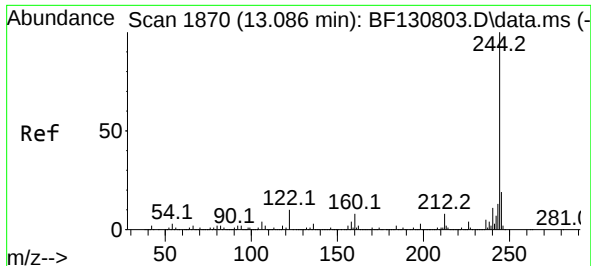
Tgt Ion:188 Resp: 454120
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF130808.D
Acq: 27 Oct 2022 20:49

Tgt Ion:240 Resp: 363372
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.4
236 25.1 20.5 30.7

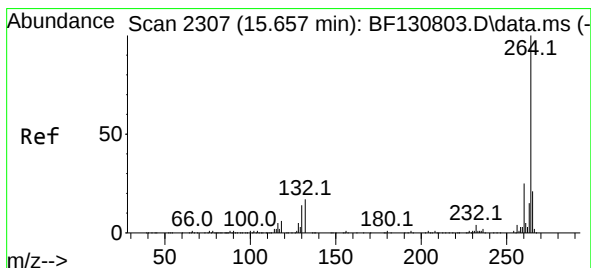
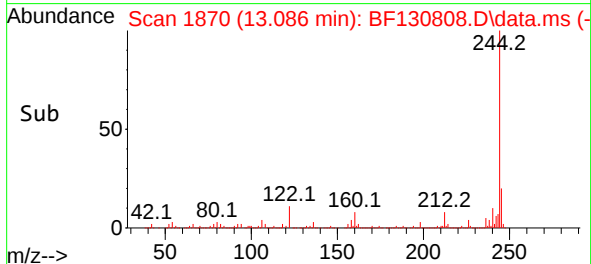
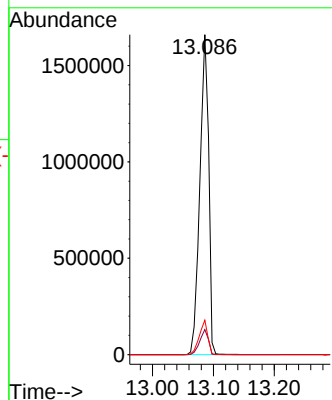
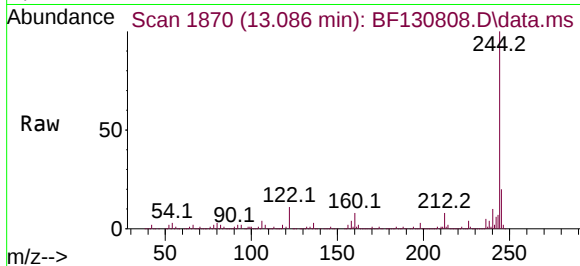




#79
 Terphenyl-d14
 Concen: 83.970 ng
 RT: 13.086 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF130808.D
 Acq: 27 Oct 2022 20:49

Instrument :
 BNA_F
 ClientSampleId :
 PB148598BL

Tgt Ion:244 Resp: 1665108
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 10.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2307
 Delta R.T. -0.000 min
 Lab File: BF130808.D
 Acq: 27 Oct 2022 20:49

Tgt Ion:264 Resp: 264584
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.9 29.9
 265 21.5 17.0 25.6

