

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131598.D
 Acq On : 12 Dec 2022 18:07
 Operator : CG\JU
 Sample : N6001-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Dec 13 04:16:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 04:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	51852	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	187329	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	108745	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	208351	20.000	ng	-0.01
76) Chrysene-d12	14.092	240	115434	20.000	ng	-0.01
86) Perylene-d12	15.604	264	113948	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	202257	65.074	ng	0.00
7) Phenol-d6	6.516	99	170526	41.868	ng	-0.01
23) Nitrobenzene-d5	7.457	82	425758	85.927	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	173858	143.900	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	768765	89.137	ng	0.00
79) Terphenyl-d14	13.033	244	447518	53.167	ng	-0.01

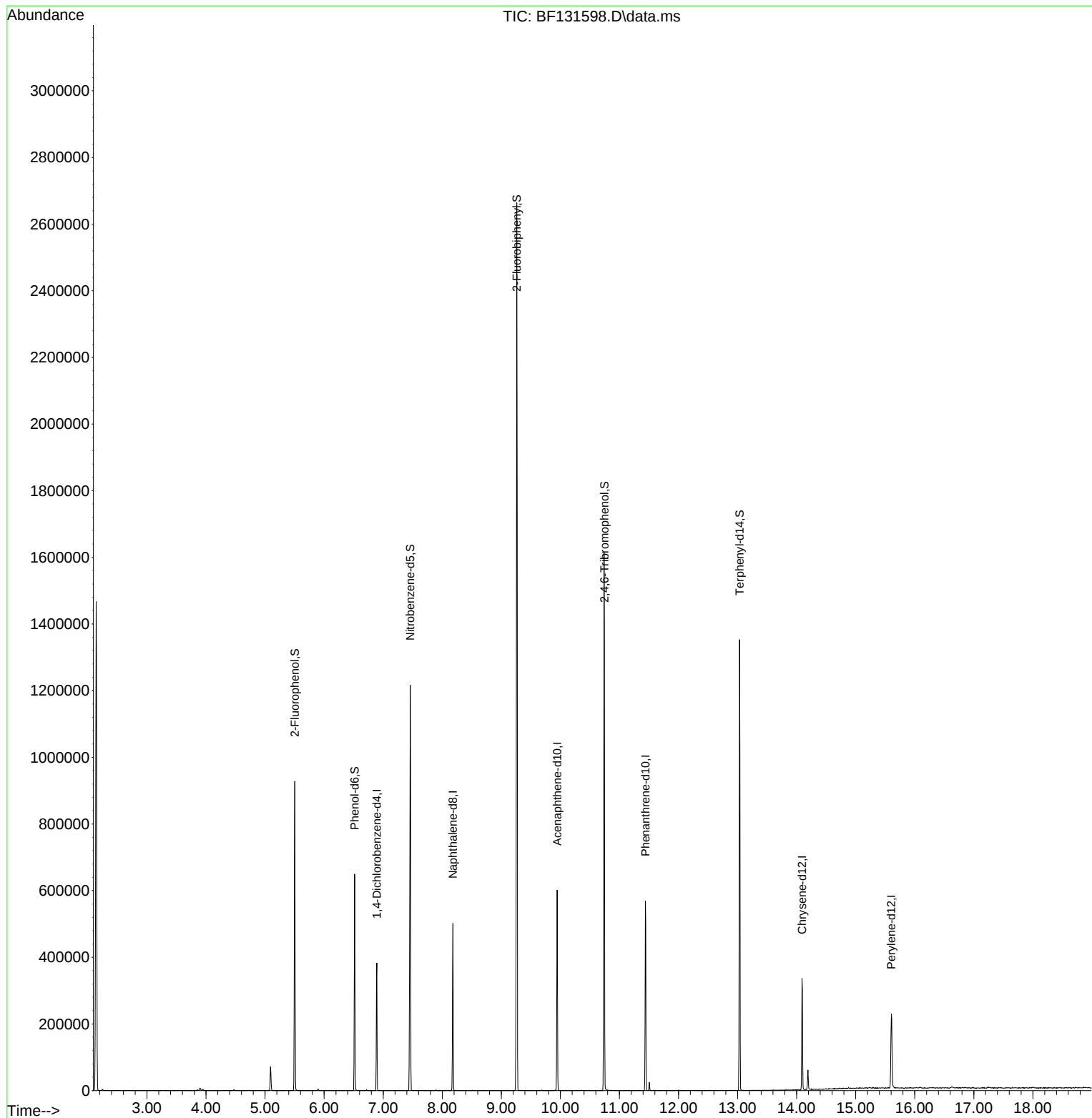
Target Compounds	Qvalue

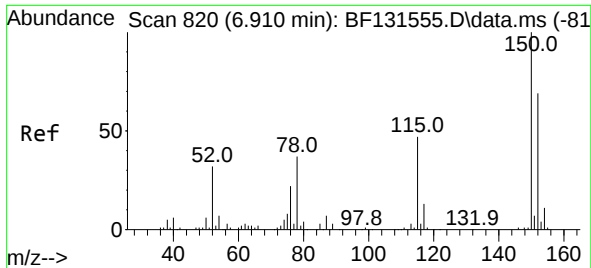
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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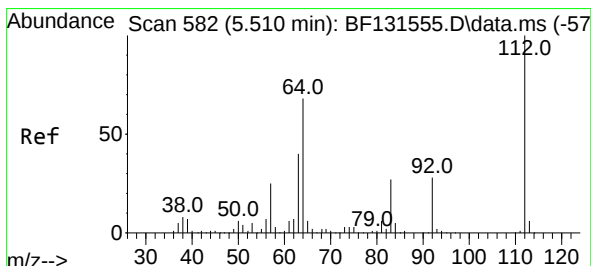
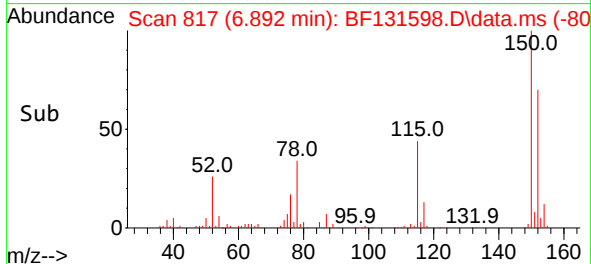
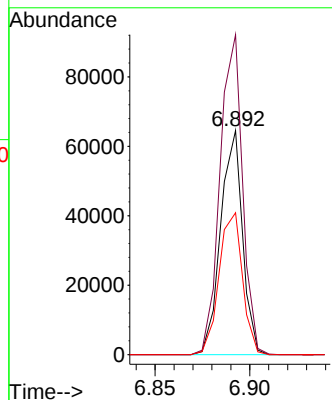
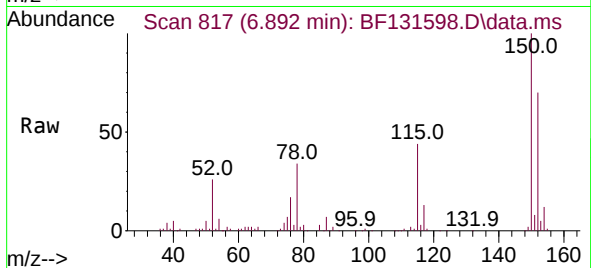




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131598.D
Acq: 12 Dec 2022 18:07

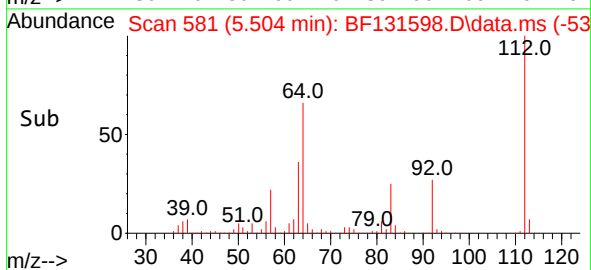
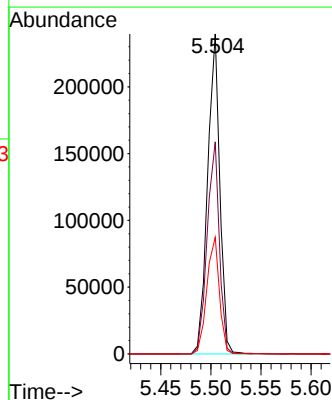
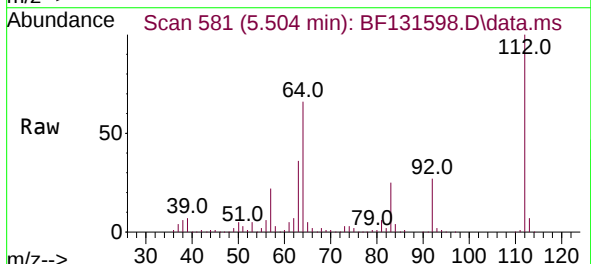
Instrument :
BNA_F
ClientSampleId :
MW-10

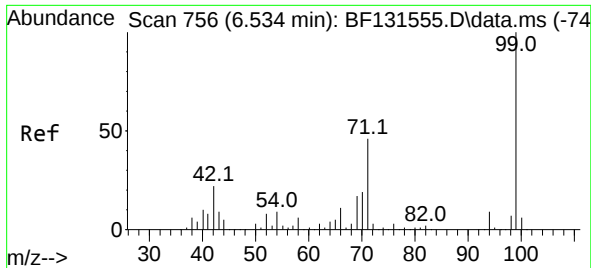
Tgt Ion:152 Resp: 51852
Ion Ratio Lower Upper
152 100
150 142.8 116.7 175.1
115 63.3 54.6 82.0



#5
2-Fluorophenol
Concen: 65.074 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF131598.D
Acq: 12 Dec 2022 18:07

Tgt Ion:112 Resp: 202257
Ion Ratio Lower Upper
112 100
64 66.3 54.5 81.7
63 36.4 31.9 47.9

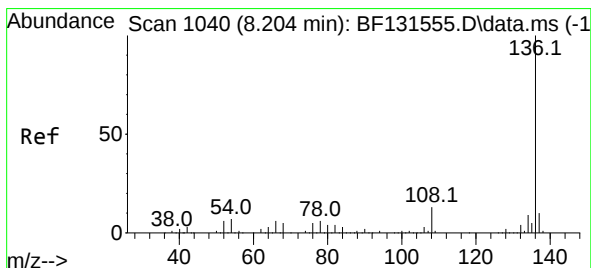
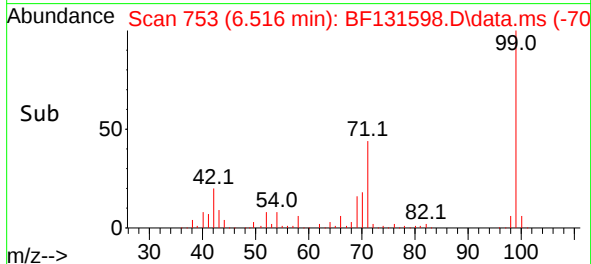
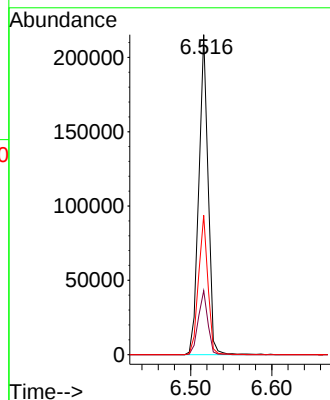
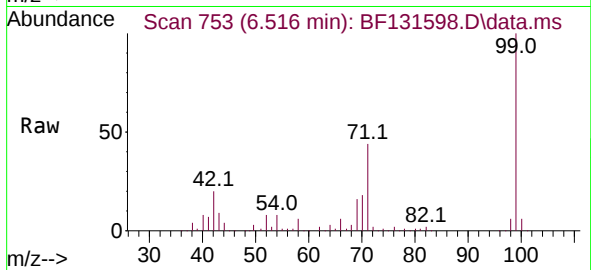




#7
Phenol-d6
Concen: 41.868 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131598.D
Acq: 12 Dec 2022 18:07

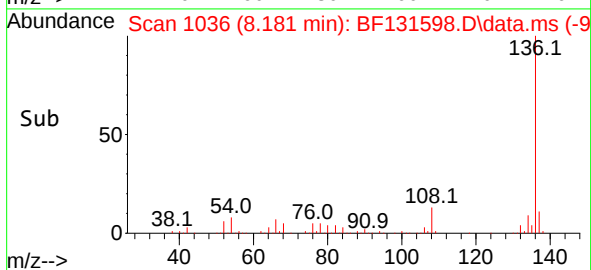
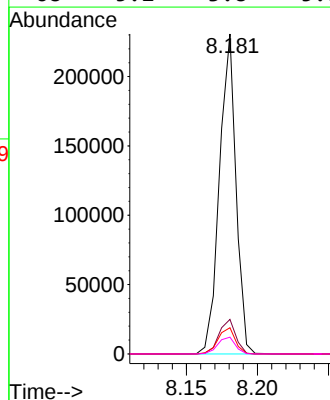
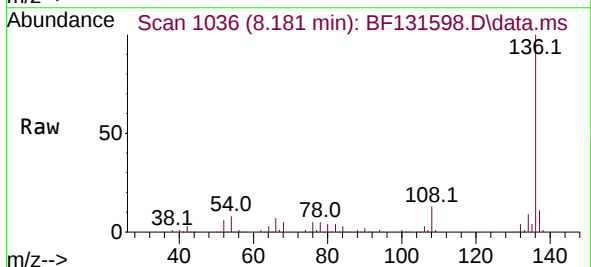
Instrument :
BNA_F
ClientSampleId :
MW-10

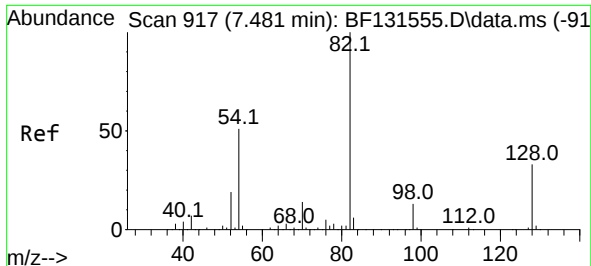
Tgt Ion: 99 Resp: 170526
Ion Ratio Lower Upper
99 100
42 20.0 17.9 26.9
71 43.5 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131598.D
Acq: 12 Dec 2022 18:07

Tgt Ion: 136 Resp: 187329
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.2 6.0 9.0
68 5.2 3.8 5.8

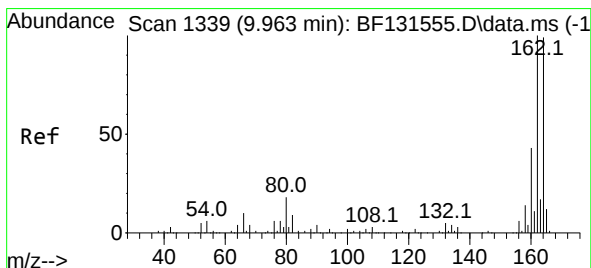
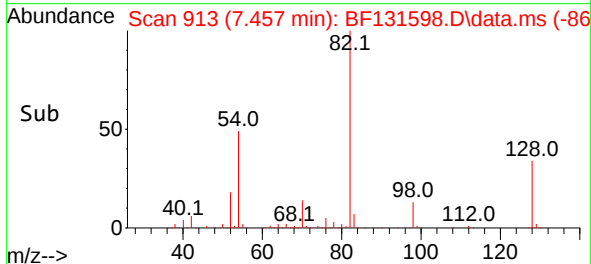
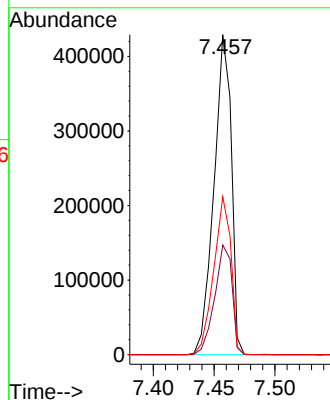
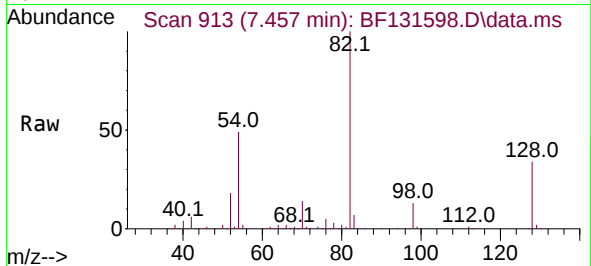




#23
 Nitrobenzene-d5
 Concen: 85.927 ng
 RT: 7.457 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BF131598.D
 Acq: 12 Dec 2022 18:07

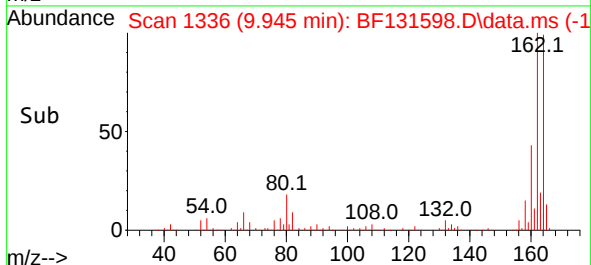
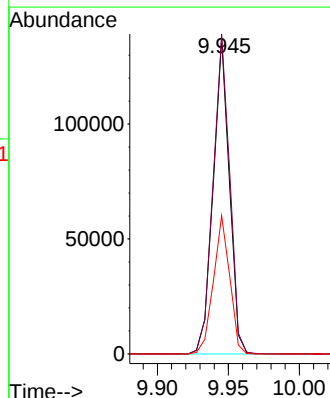
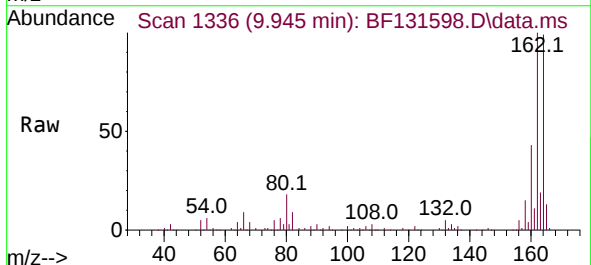
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

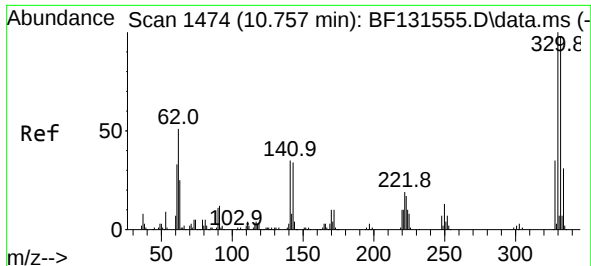
Tgt Ion: 82 Resp: 425758
 Ion Ratio Lower Upper
 82 100
 128 34.3 26.1 39.1
 54 49.3 40.6 60.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.945 min Scan# 1336
 Delta R.T. -0.006 min
 Lab File: BF131598.D
 Acq: 12 Dec 2022 18:07

Tgt Ion:164 Resp: 108745
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.0 121.6
 160 43.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 143.900 ng

RT: 10.745 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131598.D

Acq: 12 Dec 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MW-10

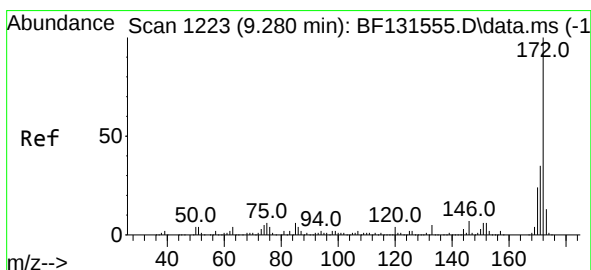
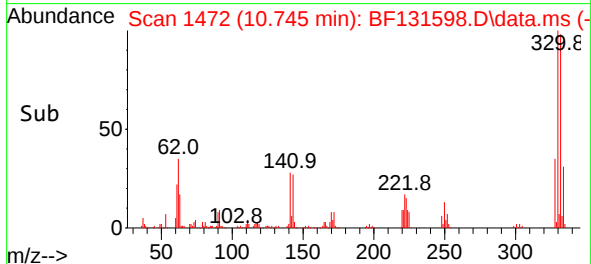
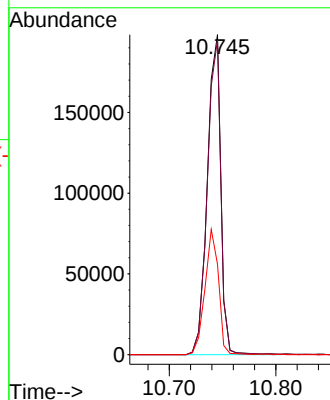
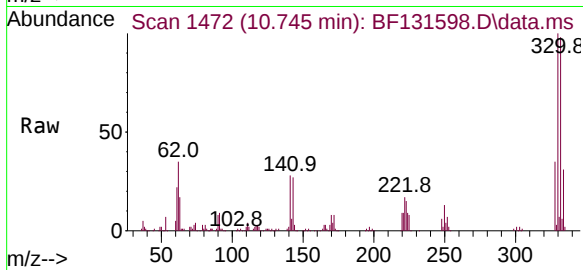
Tgt Ion:330 Resp: 173858

Ion Ratio Lower Upper

330 100

332 98.5 78.3 117.5

141 39.2 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 89.137 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131598.D

Acq: 12 Dec 2022 18:07

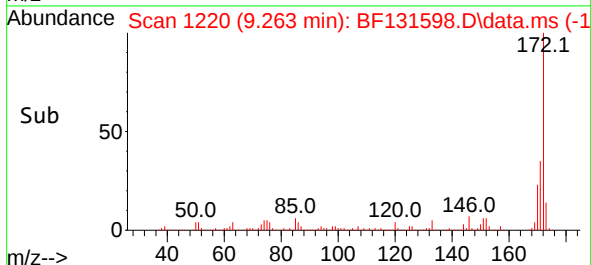
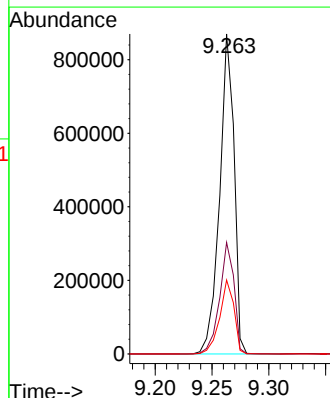
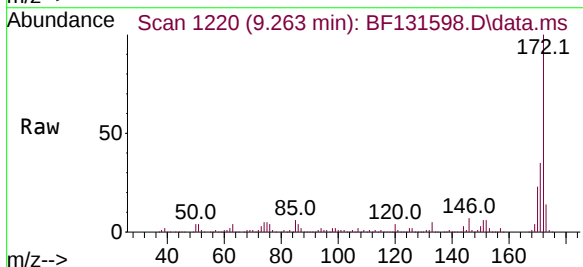
Tgt Ion:172 Resp: 768765

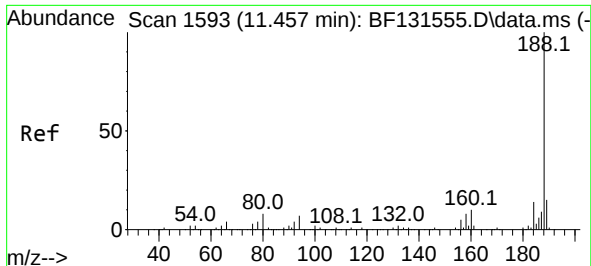
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.1 19.3 28.9

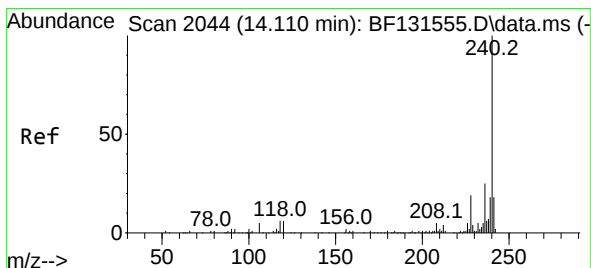
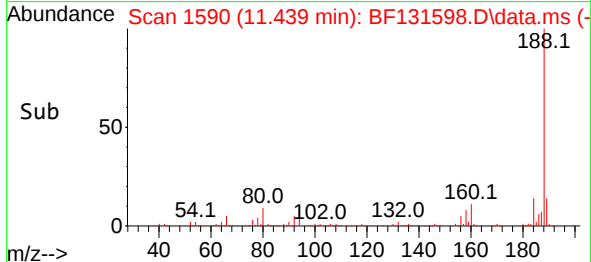
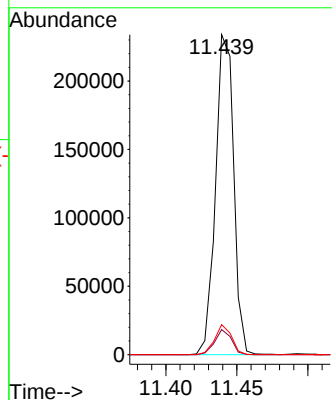
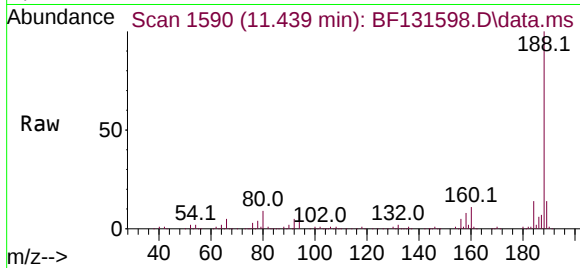




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131598.D
Acq: 12 Dec 2022 18:07

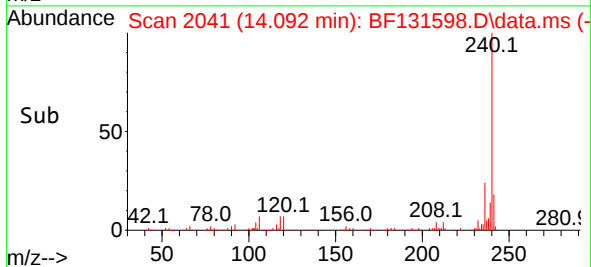
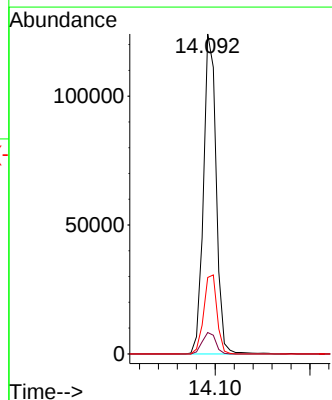
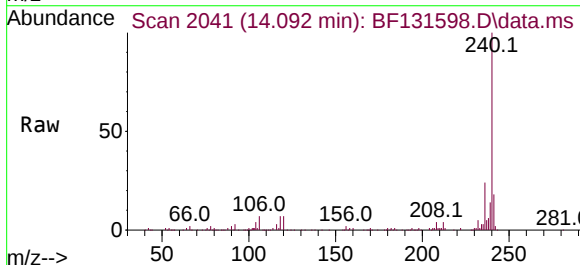
Instrument :
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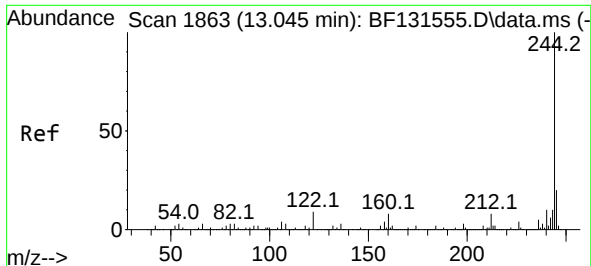
Tgt Ion:188 Resp: 208351
Ion Ratio Lower Upper
188 100
94 7.8 5.5 8.3
80 9.4 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BF131598.D
Acq: 12 Dec 2022 18:07

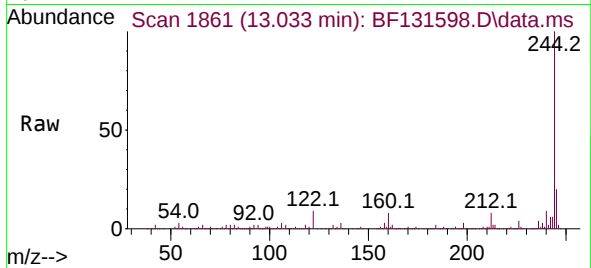
Tgt Ion:240 Resp: 115434
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 23.9 20.2 30.2



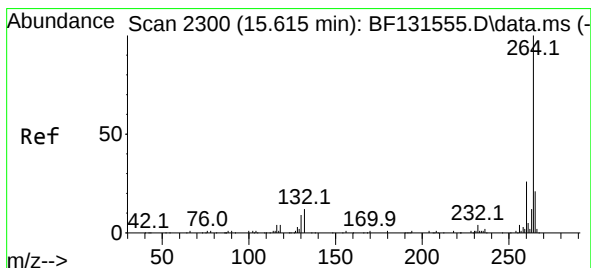
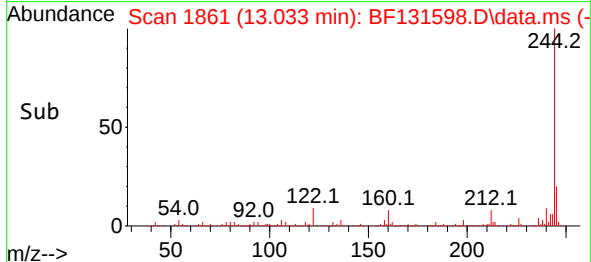
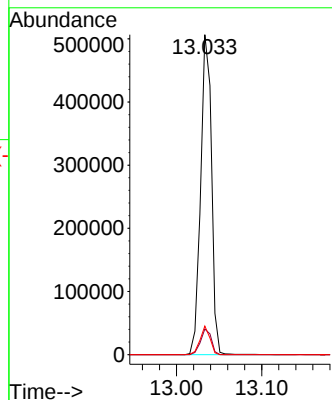


#79
 Terphenyl-d14
 Concen: 53.167 ng
 RT: 13.033 min Scan# 1861
 Delta R.T. -0.012 min
 Lab File: BF131598.D
 Acq: 12 Dec 2022 18:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-10



Tgt Ion:244 Resp: 447518
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 8.9 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.012 min
 Lab File: BF131598.D
 Acq: 12 Dec 2022 18:07

Tgt Ion:264 Resp: 113948
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.6 30.8
 265 21.2 16.8 25.2

