

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131923.D
 Acq On : 05 Jan 2023 19:32
 Operator : CG\JU
 Sample : 01029-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-204

Quant Time: Jan 06 03:13:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	66177	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	244156	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	143507	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	282618	20.000	ng	0.00
76) Chrysene-d12	13.998	240	147215	20.000	ng	-0.01
86) Perylene-d12	15.474	264	128967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	421063	105.444	ng	0.00
7) Phenol-d6	6.434	99	555715	105.923	ng	0.00
23) Nitrobenzene-d5	7.369	82	388411	63.515	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	169325	108.597	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	682751	65.167	ng	0.00
79) Terphenyl-d14	12.945	244	798071	91.699	ng	0.00

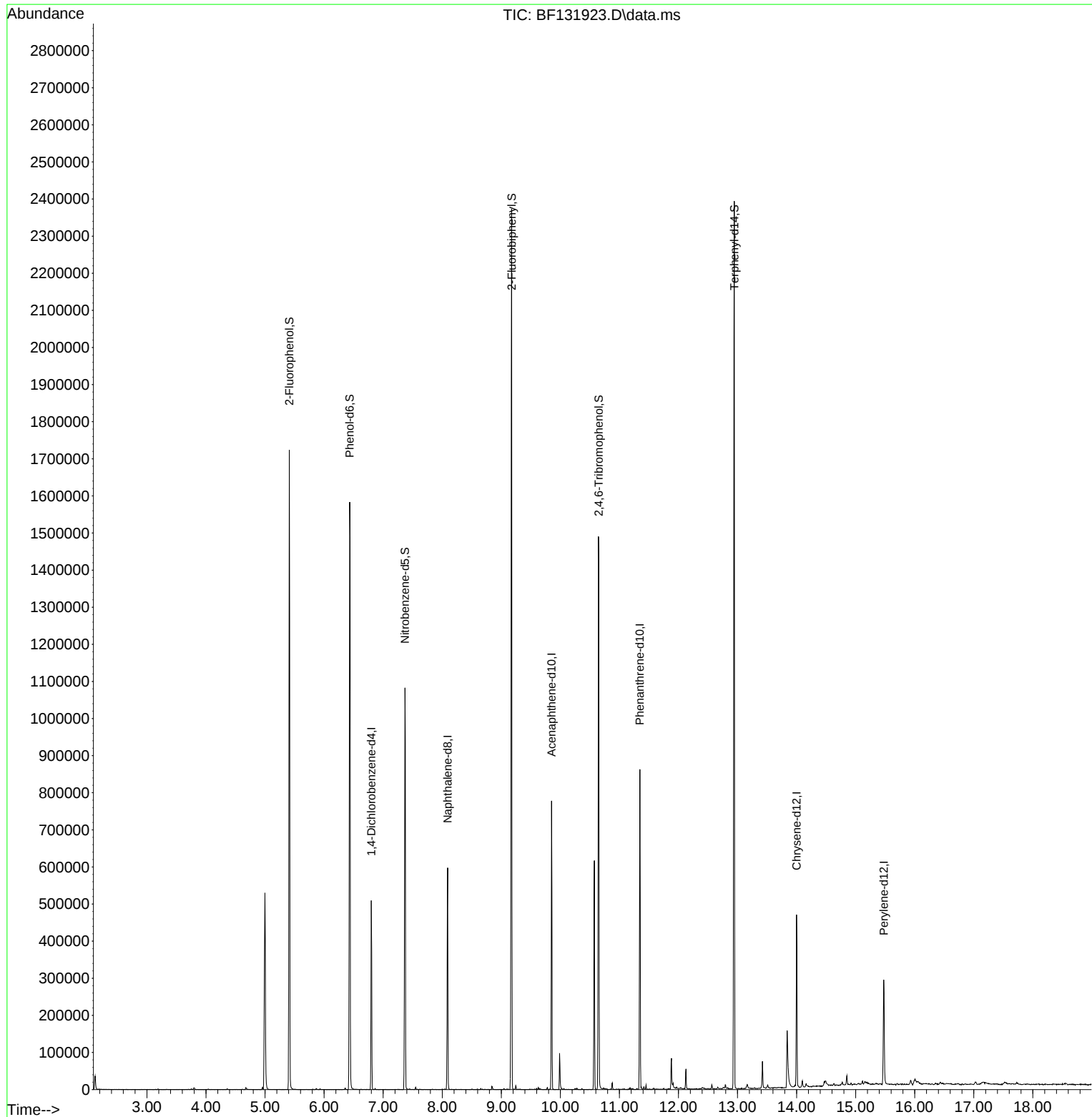
Target Compounds	Qvalue

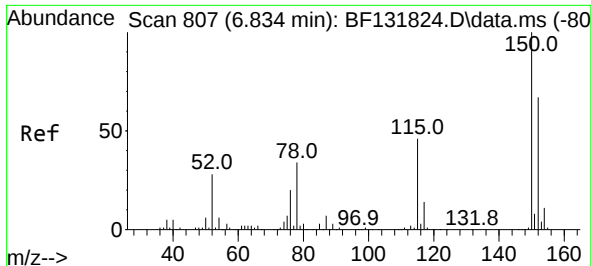
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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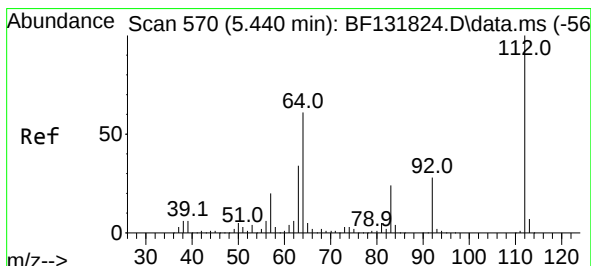
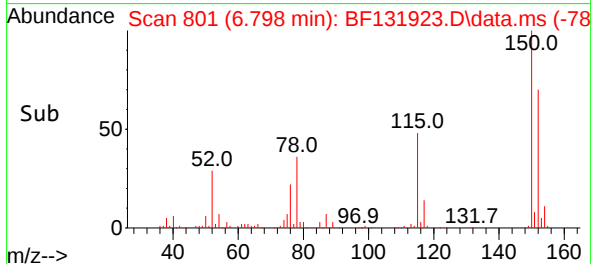
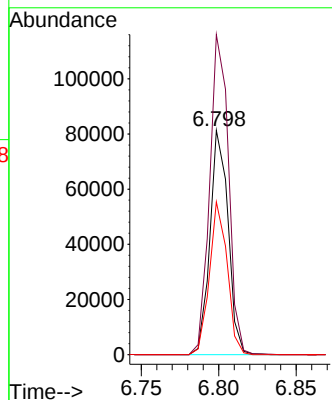
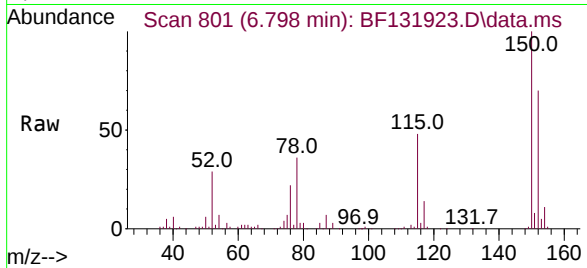




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

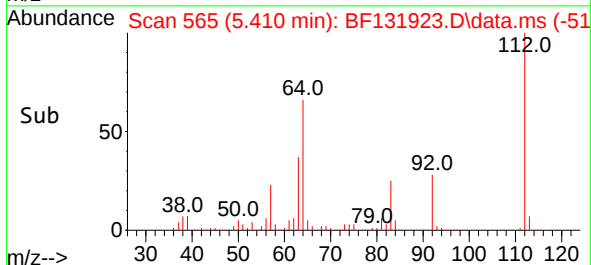
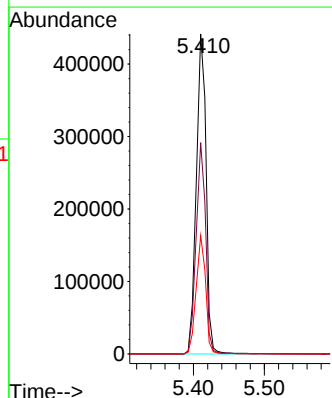
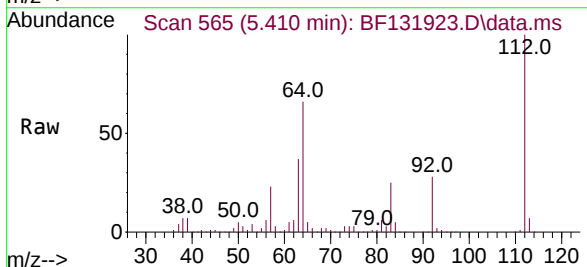
Instrument :
BNA_F
ClientSampleId :
TP-204

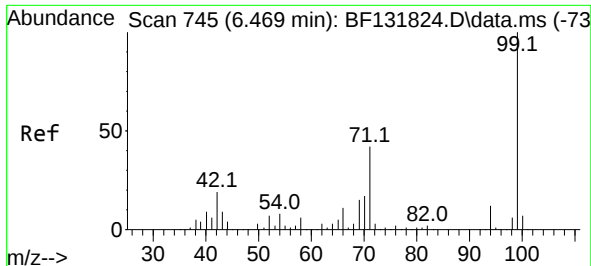
Tgt Ion:152 Resp: 66177
Ion Ratio Lower Upper
152 100
150 142.7 120.0 180.0
115 68.1 55.1 82.7



#5
2-Fluorophenol
Concen: 105.444 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

Tgt Ion:112 Resp: 421063
Ion Ratio Lower Upper
112 100
64 66.0 49.2 73.8
63 37.0 27.5 41.3

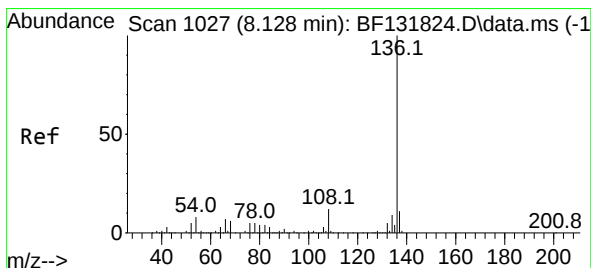
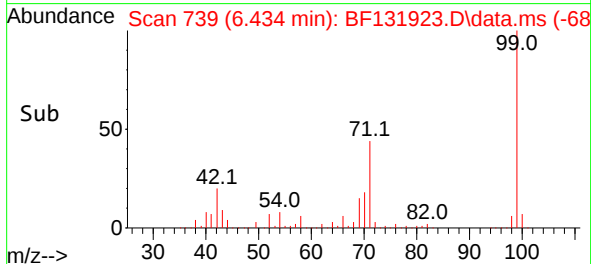
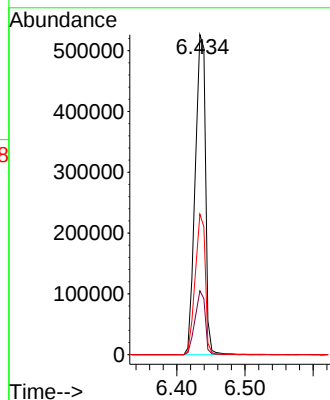
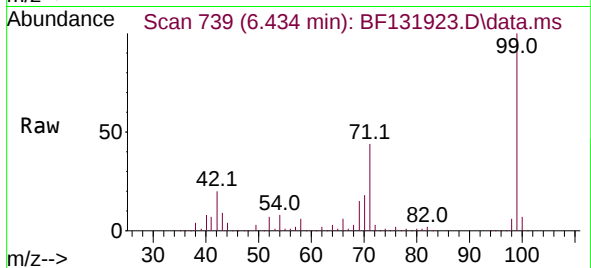




#7
Phenol-d6
Concen: 105.923 ng
RT: 6.434 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

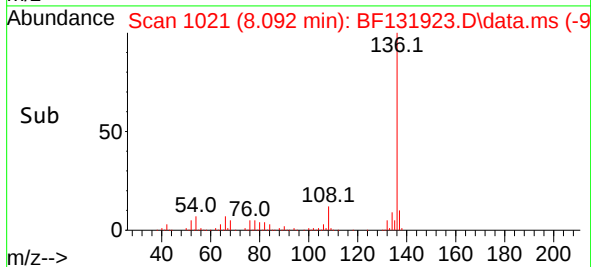
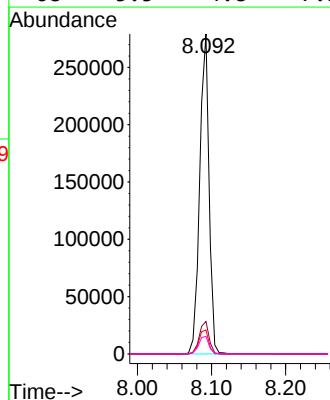
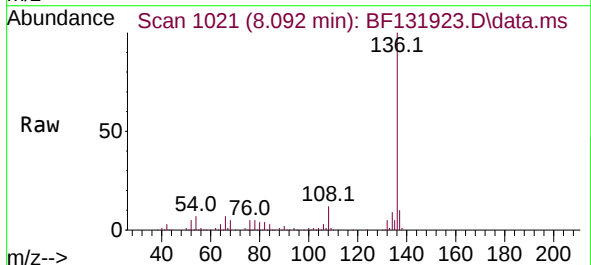
Instrument :
BNA_F
ClientSampleId :
TP-204

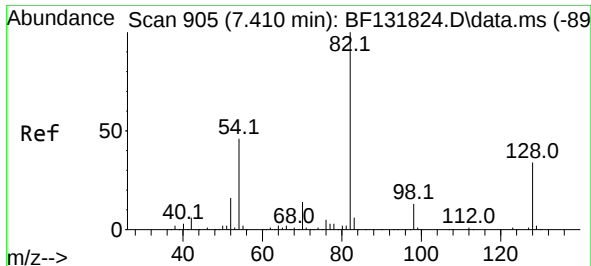
Tgt Ion: 99 Resp: 555715
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 43.9 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

Tgt Ion: 136 Resp: 244156
Ion Ratio Lower Upper
136 100
137 10.1 8.6 12.8
54 7.5 6.7 10.1
68 5.5 4.8 7.2

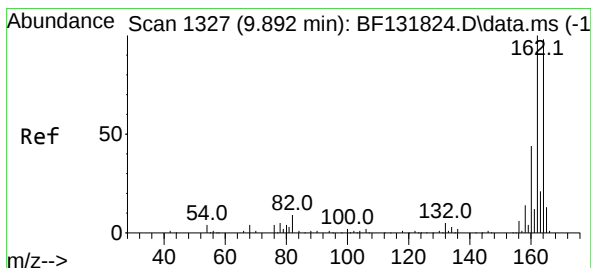
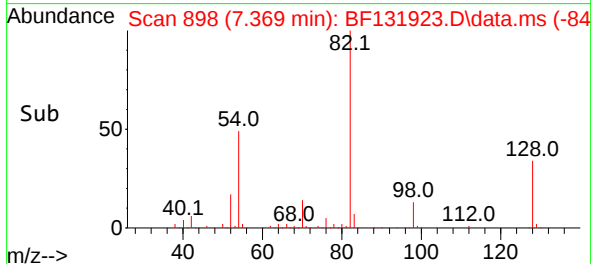
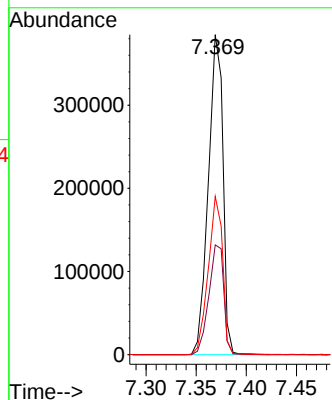
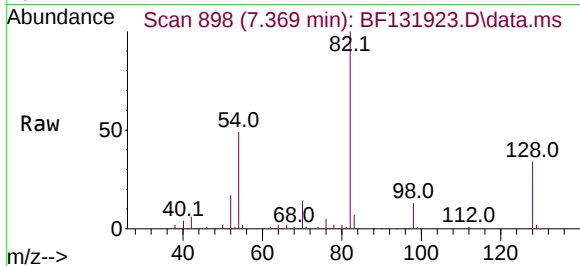




#23
Nitrobenzene-d5
Concen: 63.515 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

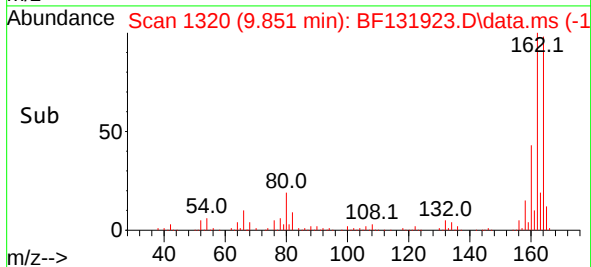
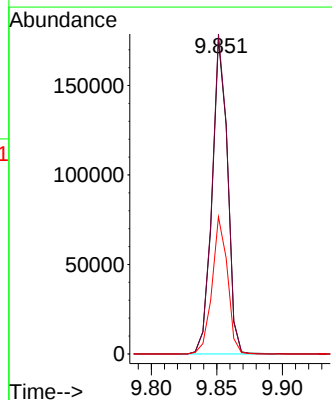
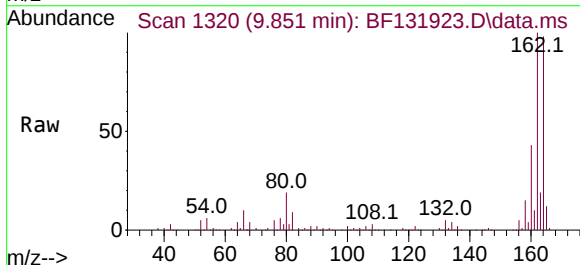
Instrument :
BNA_F
ClientSampleId :
TP-204

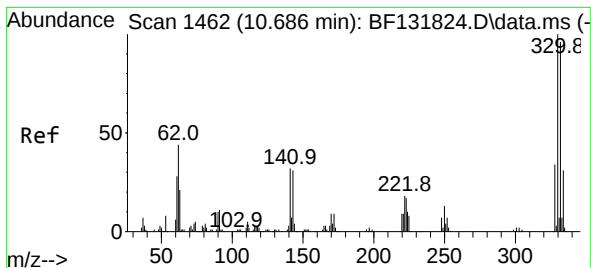
Tgt Ion: 82 Resp: 388411
Ion Ratio Lower Upper
82 100
128 34.3 27.1 40.7
54 49.4 37.0 55.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF131923.D
Acq: 05 Jan 2023 19:32

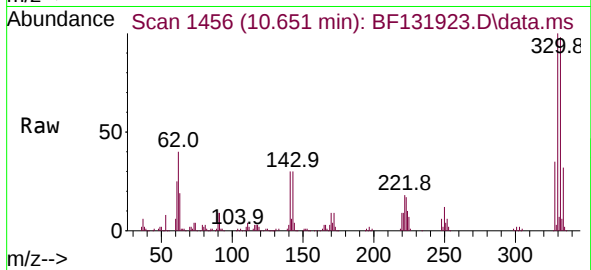
Tgt Ion:164 Resp: 143507
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.6
160 43.6 35.7 53.5



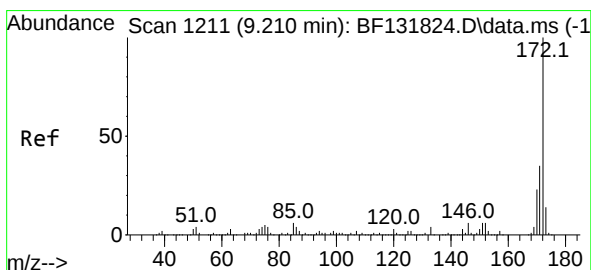
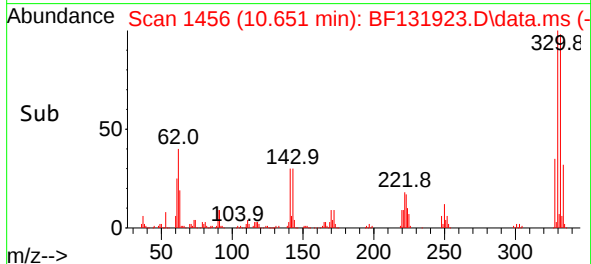
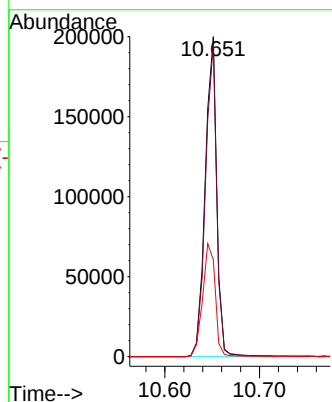


#42
 2,4,6-Tribromophenol
 Concen: 108.597 ng
 RT: 10.651 min Scan# 1462
 Delta R.T. 0.000 min
 Lab File: BF131923.D
 Acq: 05 Jan 2023 19:32

Instrument :
 BNA_F
 ClientSampleId :
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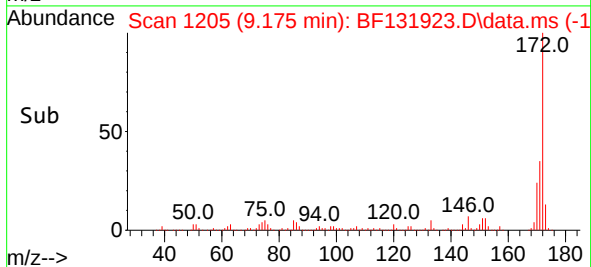
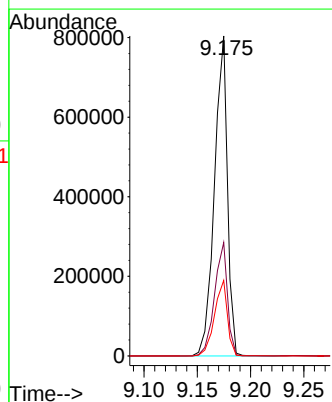
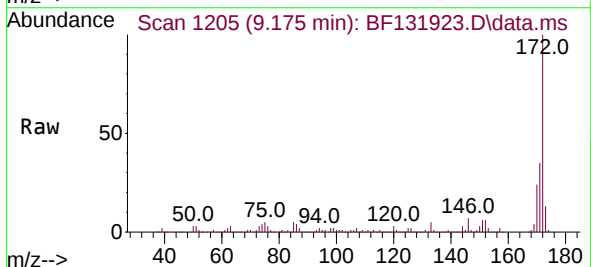


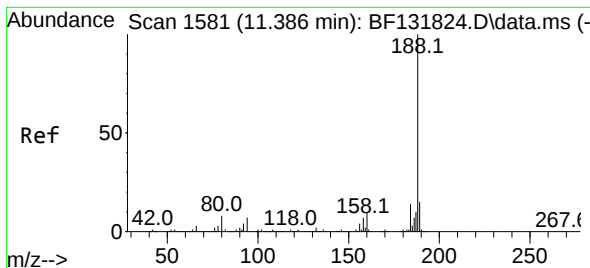
Tgt Ion: 330 Resp: 169325
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.4
 141 38.5 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 65.167 ng
 RT: 9.175 min Scan# 1205
 Delta R.T. -0.006 min
 Lab File: BF131923.D
 Acq: 05 Jan 2023 19:32

Tgt Ion: 172 Resp: 682751
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.9 41.9
 170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131923.D

Acq: 05 Jan 2023 19:32

Instrument :

BNA_F

ClientSampleId :

TP-204

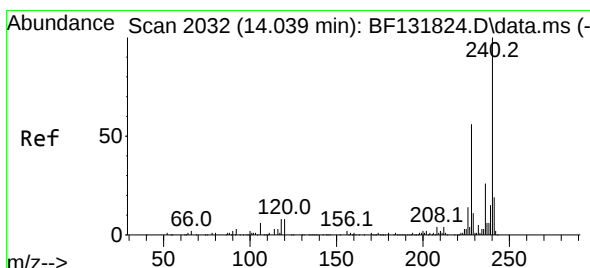
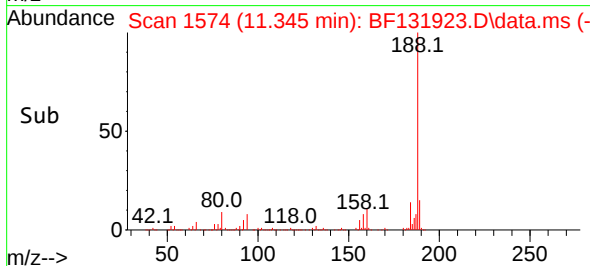
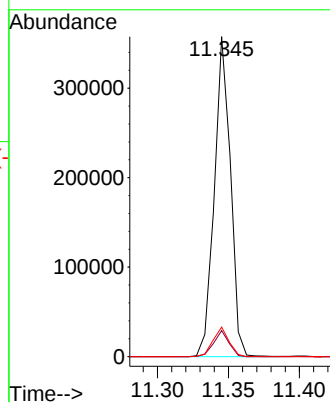
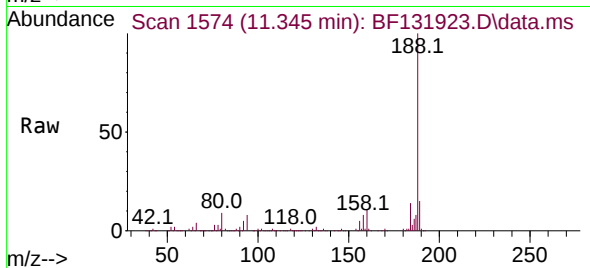
Tgt Ion:188 Resp: 282618

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

80 9.2 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF131923.D

Acq: 05 Jan 2023 19:32

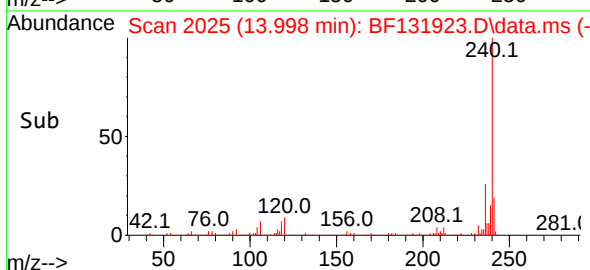
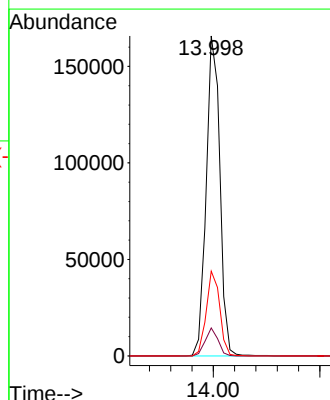
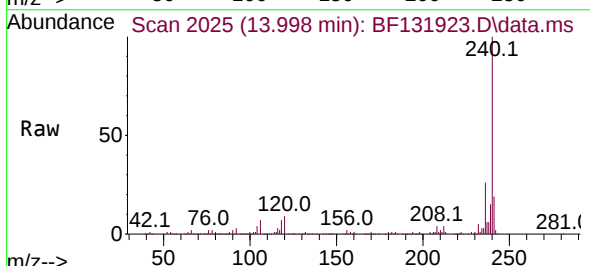
Tgt Ion:240 Resp: 147215

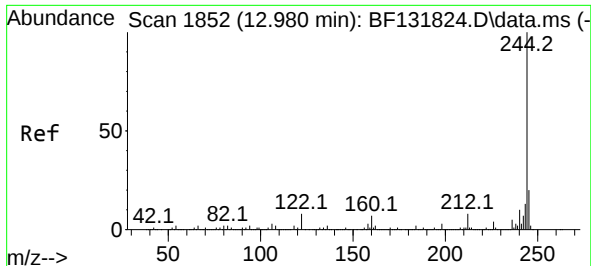
Ion Ratio Lower Upper

240 100

120 8.7 6.7 10.1

236 26.5 20.6 31.0

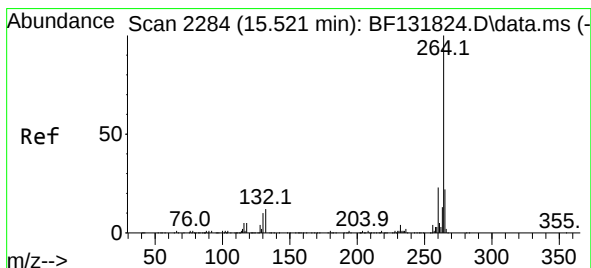
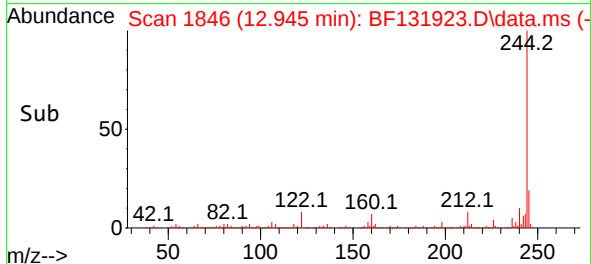
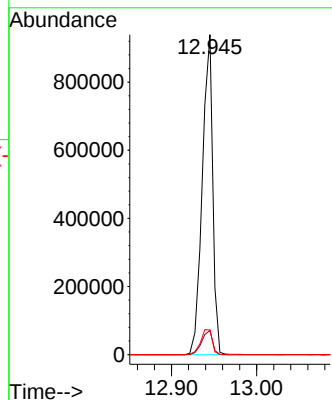
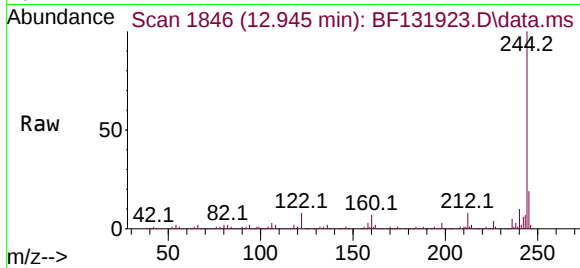




#79
 Terphenyl-d14
 Concen: 91.699 ng
 RT: 12.945 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF131923.D
 Acq: 05 Jan 2023 19:32

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 798071
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 7.7 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF131923.D
 Acq: 05 Jan 2023 19:32

Tgt Ion:264 Resp: 128967
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 21.4 17.4 26.0

