

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131950.D
 Acq On : 06 Jan 2023 20:08
 Operator : CG\JU
 Sample : 01043-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-203

Quant Time: Jan 07 00:25:26 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 23:58:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	62075	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	214757	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	108162	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	177273	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	145985	20.000	ng	0.00
86) Perylene-d12	15.468	264	109923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	552430	147.483	ng	0.02
7) Phenol-d6	6.440	99	641291	130.312	ng	0.00
23) Nitrobenzene-d5	7.369	82	530084	98.548	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	125132	106.479	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	882047	111.700	ng	0.00
79) Terphenyl-d14	12.939	244	877270	101.649	ng	0.00

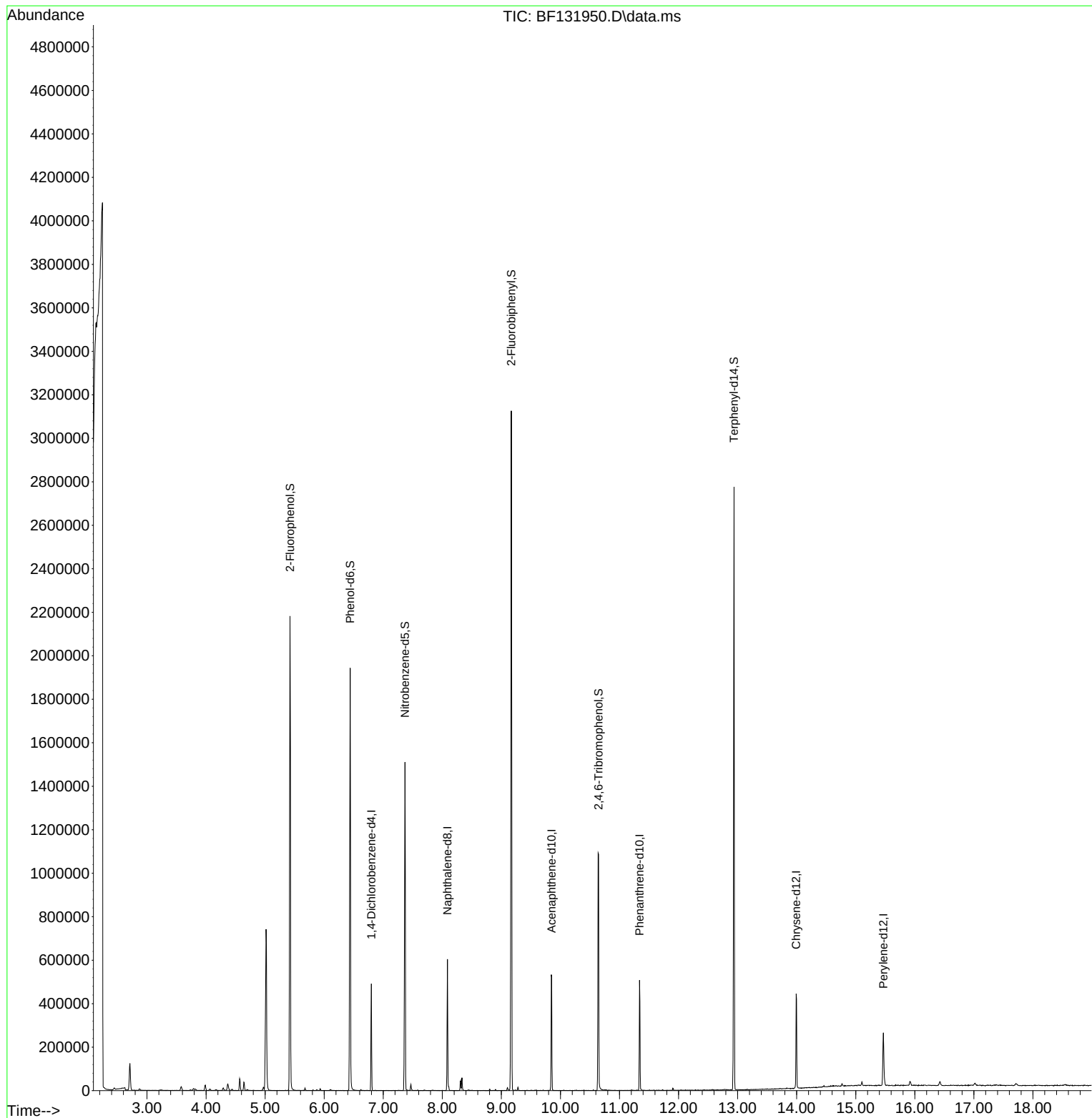
Target Compounds	Qvalue

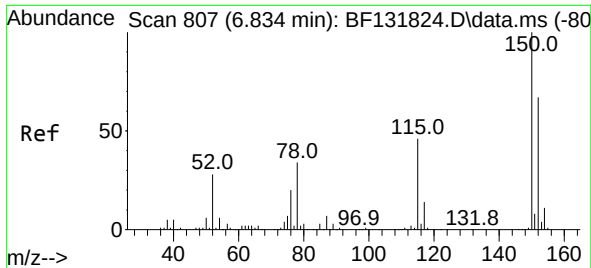
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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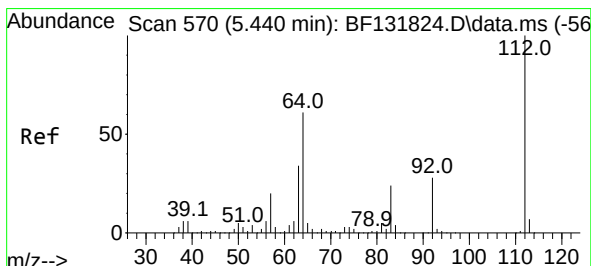
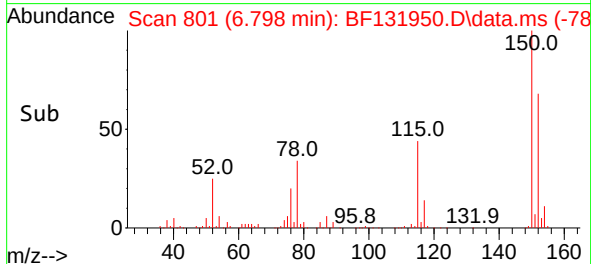
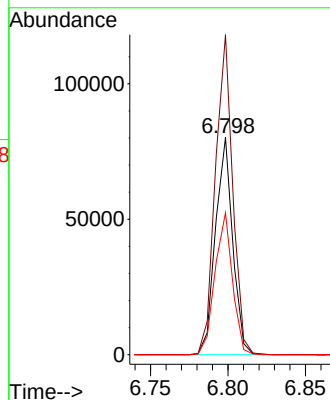
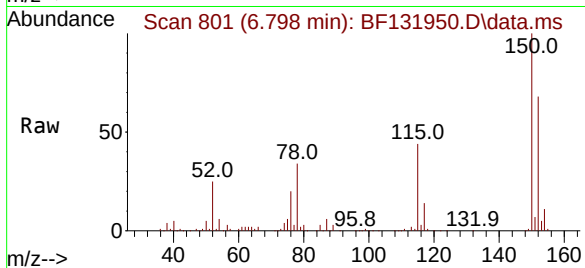




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 807
 Delta R.T. 0.000 min
 Lab File: BF131950.D
 Acq: 06 Jan 2023 20:08

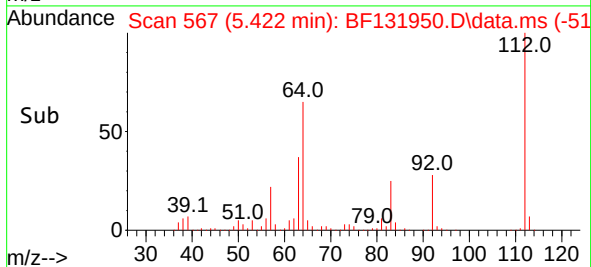
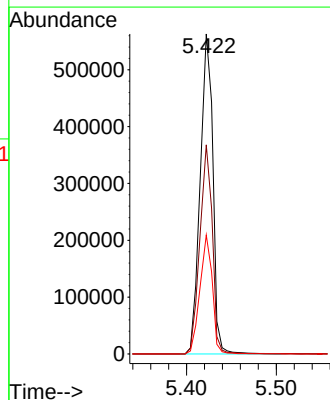
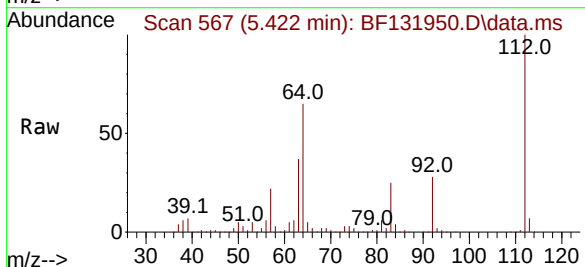
Instrument :
 BNA_F
 ClientSampleId :
 TP-203

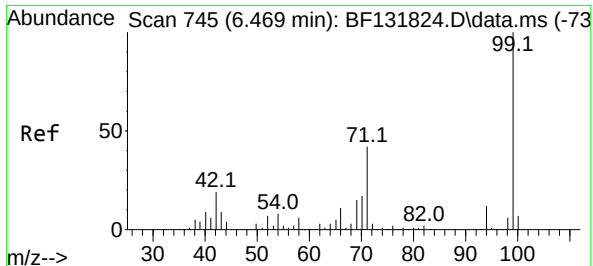
Tgt Ion:152 Resp: 62075
 Ion Ratio Lower Upper
 152 100
 150 147.3 120.0 180.0
 115 65.4 55.1 82.7



#5
 2-Fluorophenol
 Concen: 147.483 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.024 min
 Lab File: BF131950.D
 Acq: 06 Jan 2023 20:08

Tgt Ion:112 Resp: 552430
 Ion Ratio Lower Upper
 112 100
 64 65.3 49.2 73.8
 63 37.1 27.5 41.3

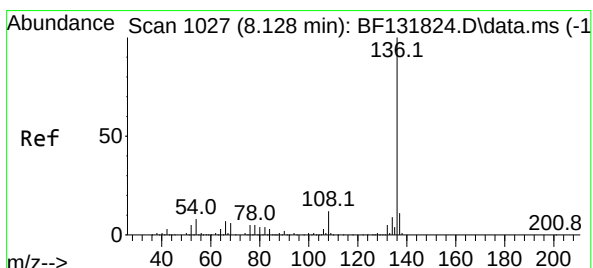
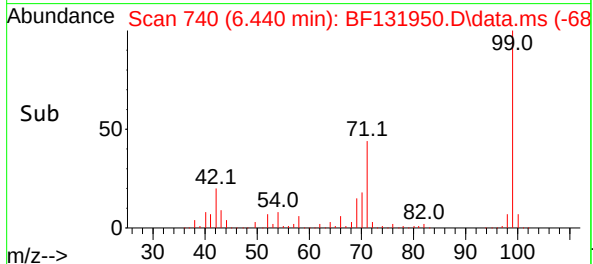
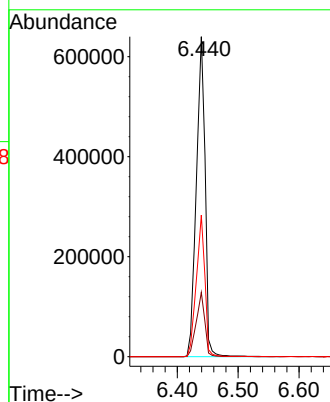
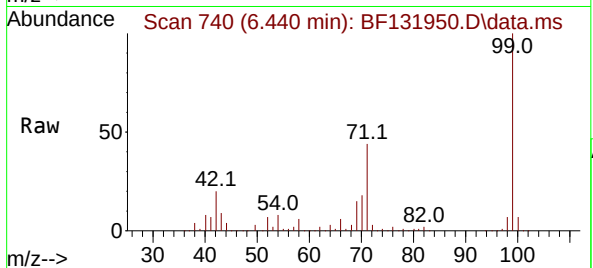




#7
Phenol-d6
Concen: 130.312 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08

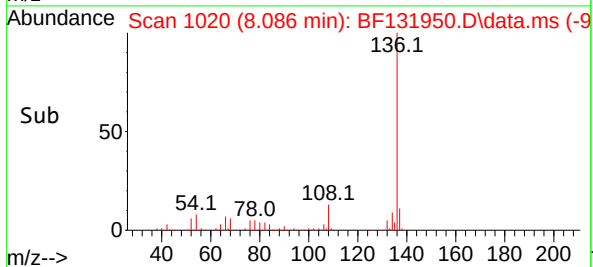
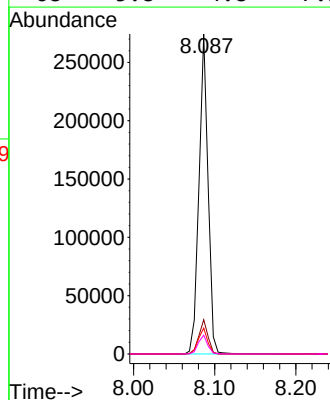
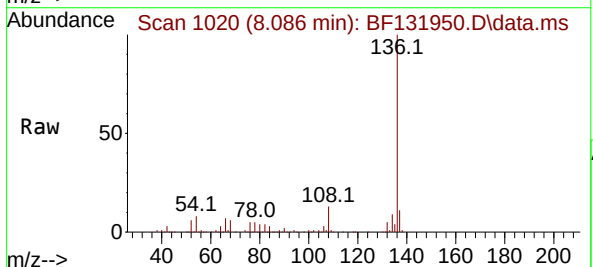
Instrument :
BNA_F
ClientSampleId :
TP-203

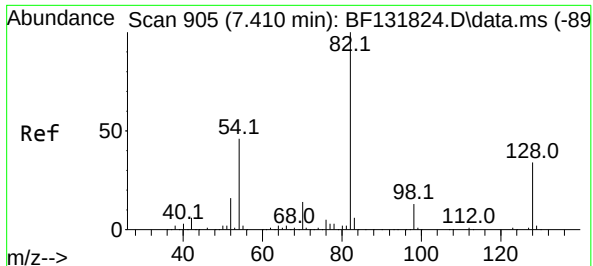
Tgt Ion: 99 Resp: 641291
Ion Ratio Lower Upper
99 100
42 20.1 15.3 22.9
71 44.3 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08

Tgt Ion:136 Resp: 214757
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.1 6.7 10.1
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 98.548 ng

RT: 7.369 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF131950.D

Acq: 06 Jan 2023 20:08

Instrument :

BNA_F

ClientSampleId :

TP-203

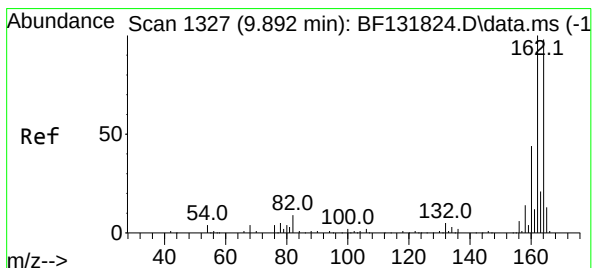
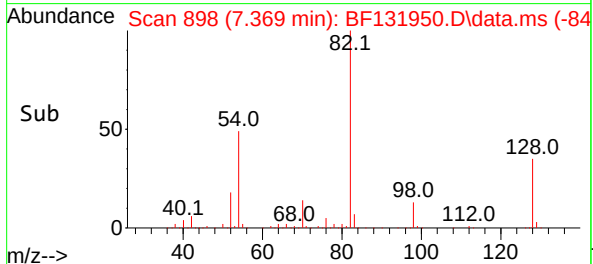
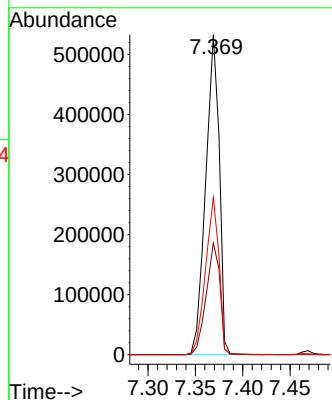
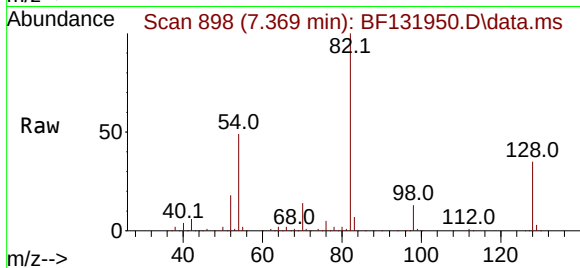
Tgt Ion: 82 Resp: 530084

Ion Ratio Lower Upper

82 100

128 34.9 27.1 40.7

54 49.1 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF131950.D

Acq: 06 Jan 2023 20:08

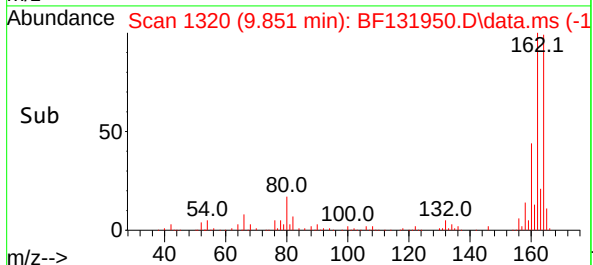
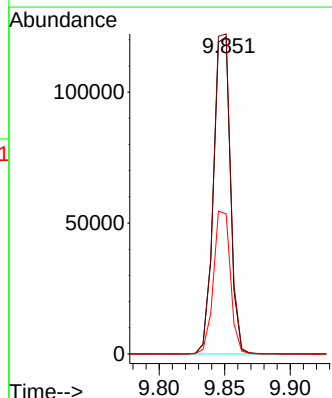
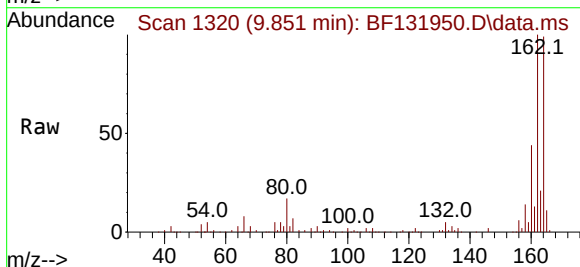
Tgt Ion:164 Resp: 108162

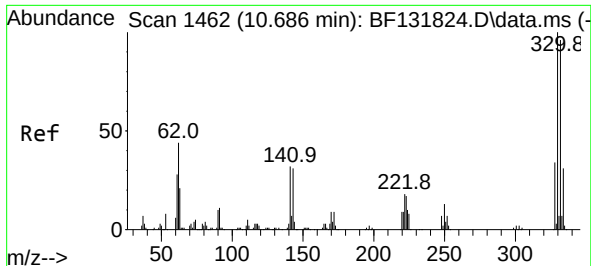
Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.6

160 44.2 35.7 53.5

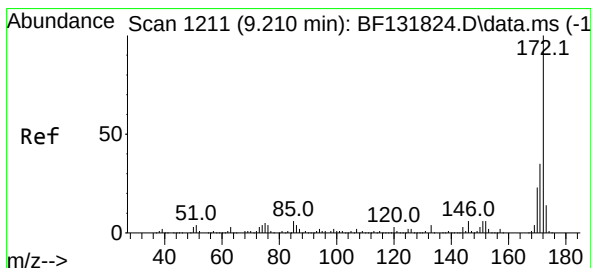
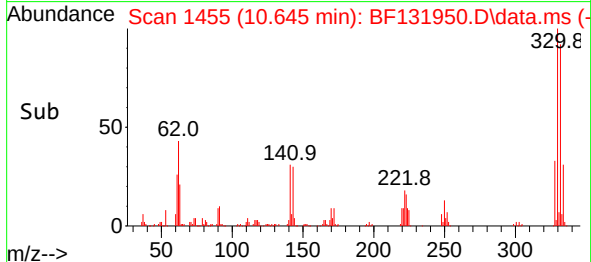
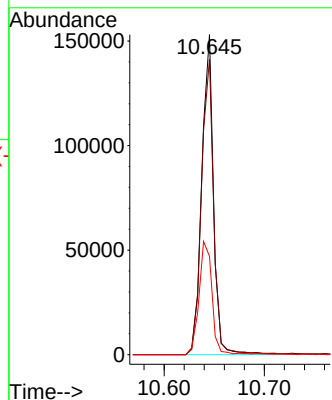
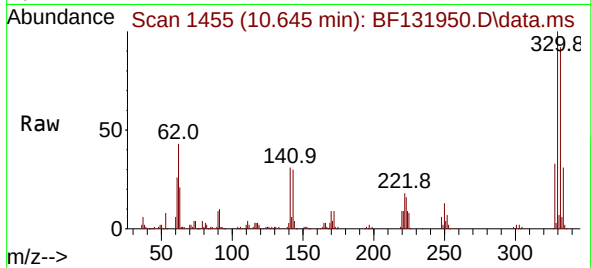




#42
2,4,6-Tribromophenol
Concen: 106.479 ng
RT: 10.645 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08

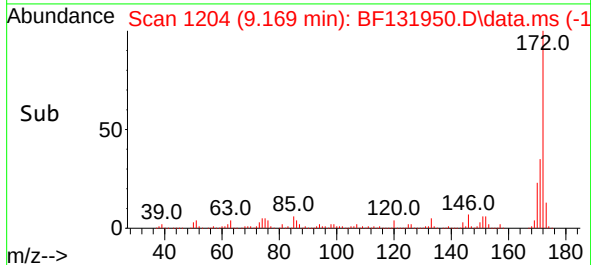
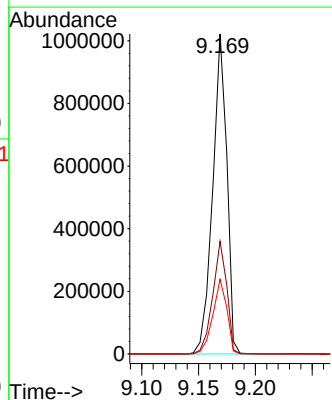
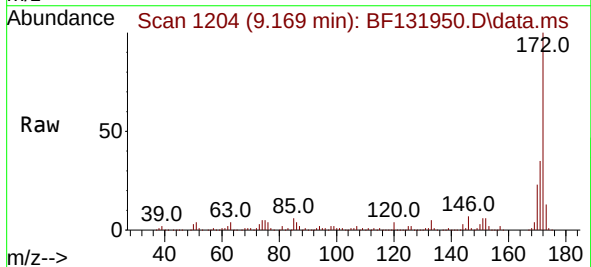
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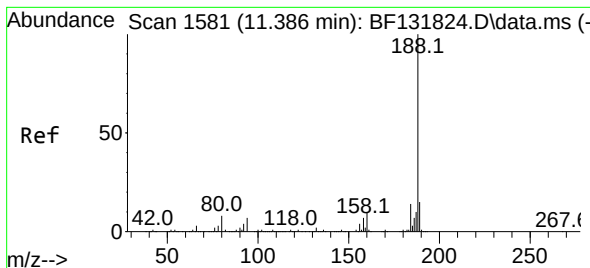
Tgt Ion:330 Resp: 125132
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 39.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 111.700 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF131950.D
Acq: 06 Jan 2023 20:08

Tgt Ion:172 Resp: 882047
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131950.D

Acq: 06 Jan 2023 20:08

Instrument :

BNA_F

ClientSampleId :

TP-203

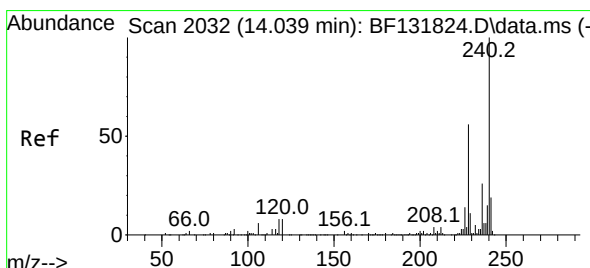
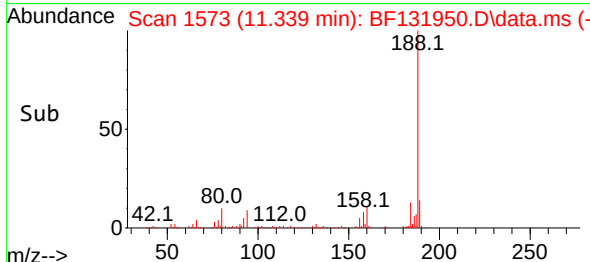
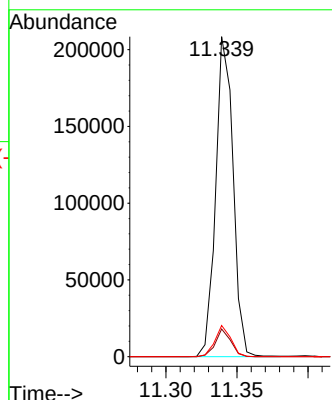
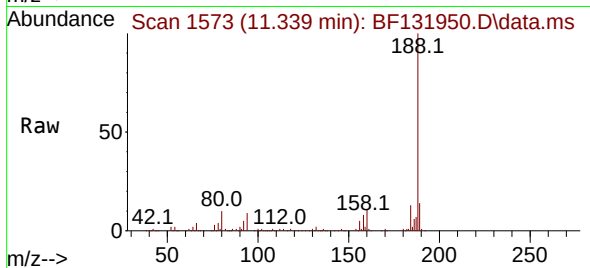
Tgt Ion:188 Resp: 177273

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.6#

80 9.7 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF131950.D

Acq: 06 Jan 2023 20:08

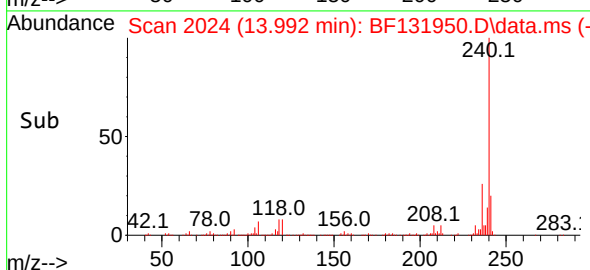
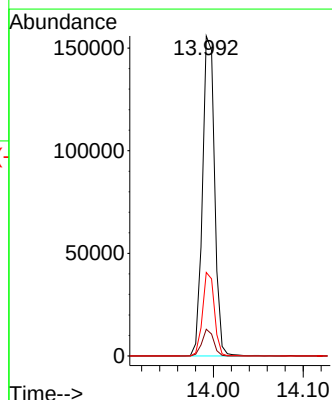
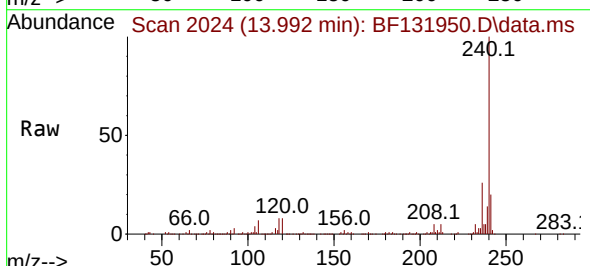
Tgt Ion:240 Resp: 145985

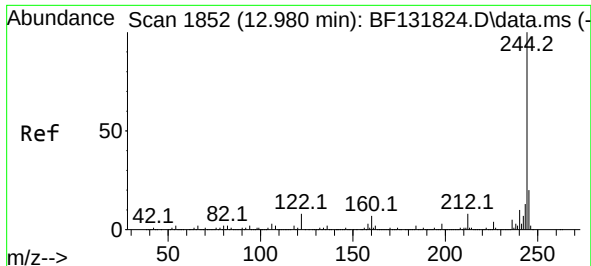
Ion Ratio Lower Upper

240 100

120 8.4 6.7 10.1

236 26.1 20.6 31.0

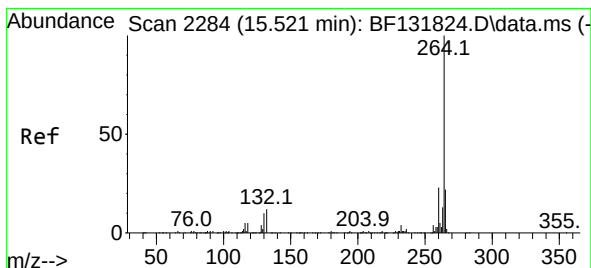
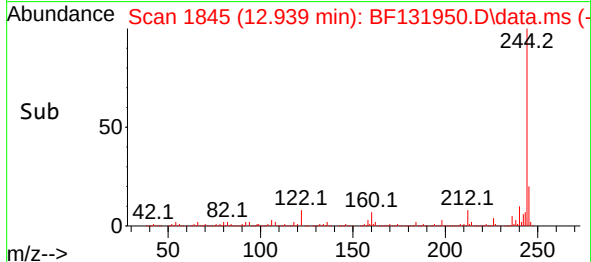
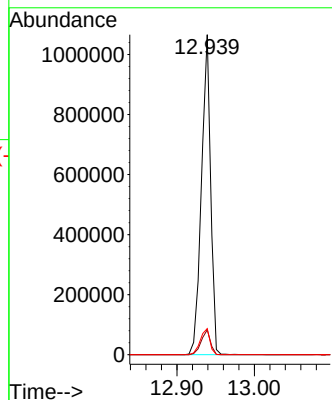
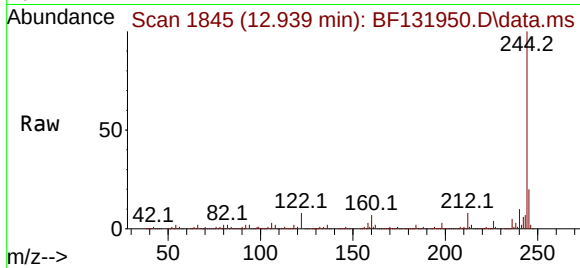




#79
 Terphenyl-d14
 Concen: 101.649 ng
 RT: 12.939 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131950.D
 Acq: 06 Jan 2023 20:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-203

Tgt Ion:244 Resp: 877270
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.1 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF131950.D
 Acq: 06 Jan 2023 20:08

Tgt Ion:264 Resp: 109923
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.6 28.0
 265 20.9 17.4 26.0

