

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131928.D
 Acq On : 05 Jan 2023 22:12
 Operator : CG\JU
 Sample : 01001-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C2

Quant Time: Jan 06 03:15:04 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	70073	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	252060	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	144064	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	282864	20.000	ng	0.00
76) Chrysene-d12	13.998	240	141008	20.000	ng	-0.01
86) Perylene-d12	15.480	264	147284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	466295	110.278	ng	0.01
7) Phenol-d6	6.440	99	597081	107.480	ng	0.00
23) Nitrobenzene-d5	7.369	82	423004	67.003	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	166009	106.058	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	699392	66.497	ng	0.00
79) Terphenyl-d14	12.945	244	698310	83.769	ng	0.00

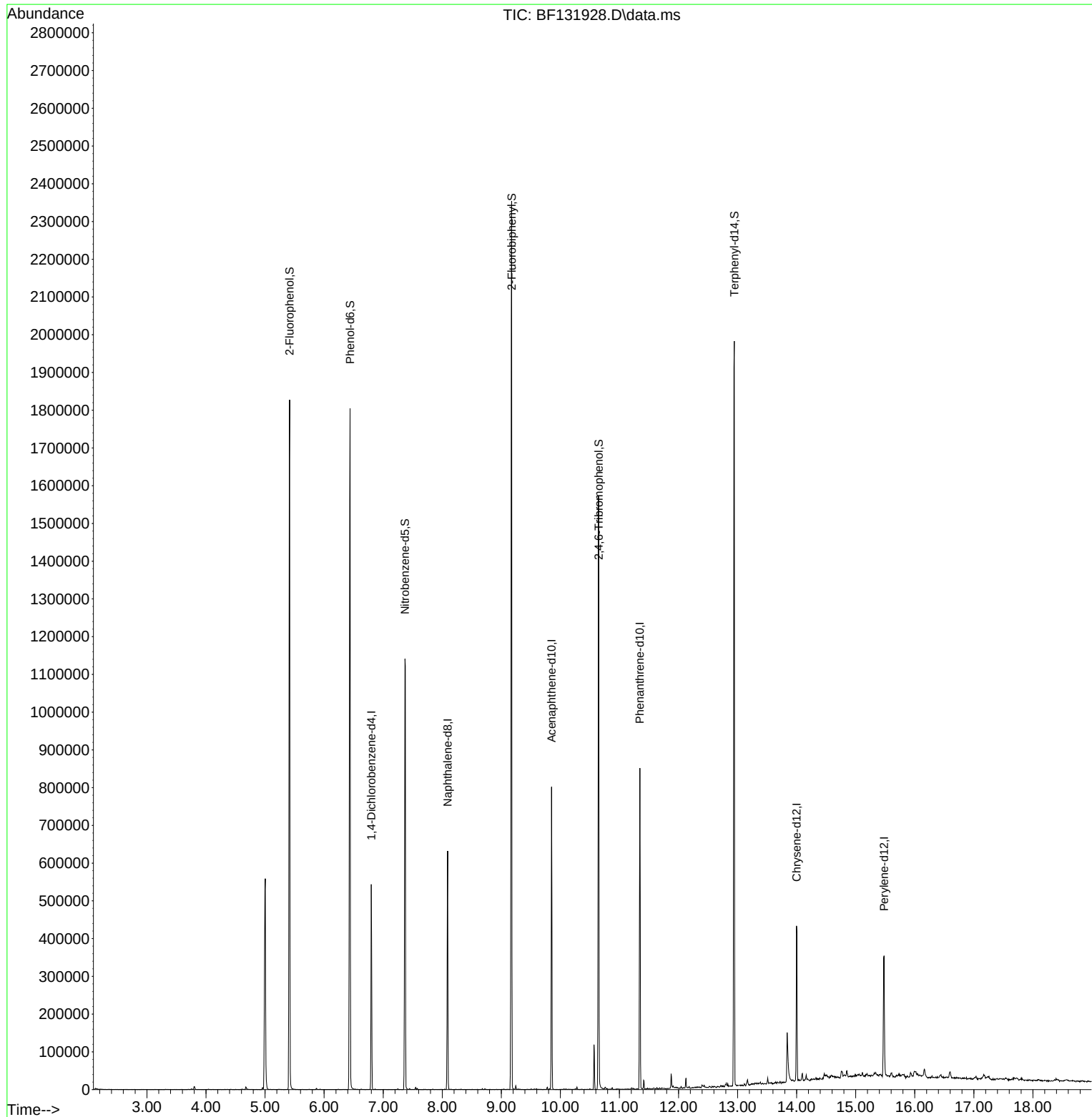
Target Compounds Qvalue

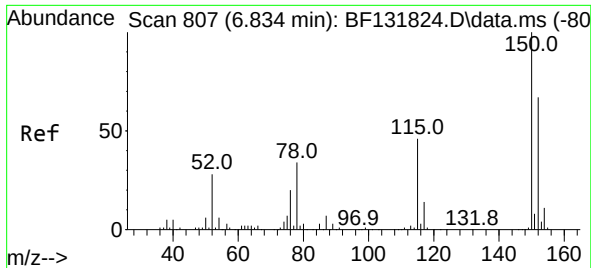
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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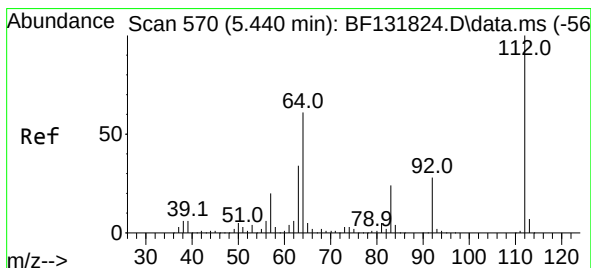
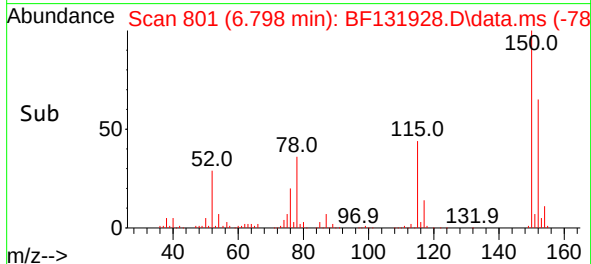
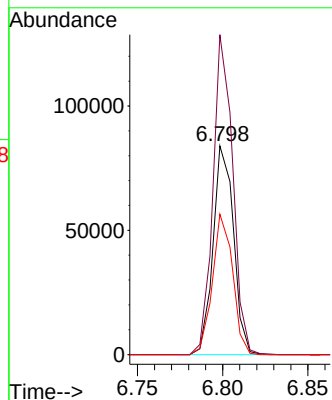
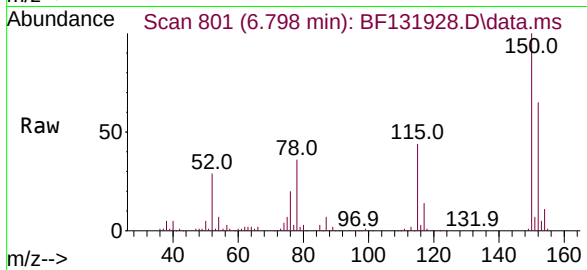




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 807
 Delta R.T. -0.006 min
 Lab File: BF131928.D
 Acq: 05 Jan 2023 22:12

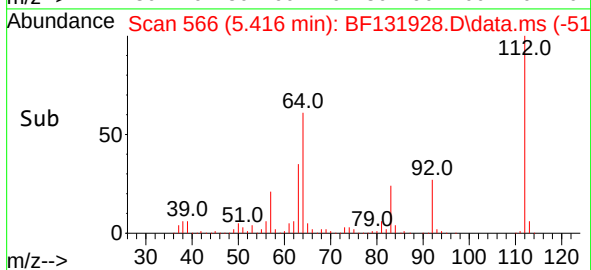
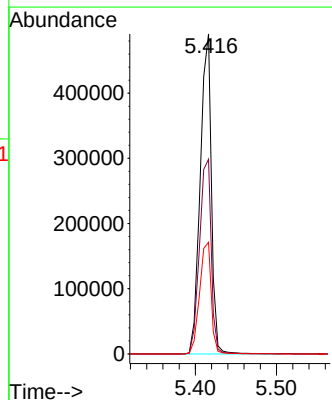
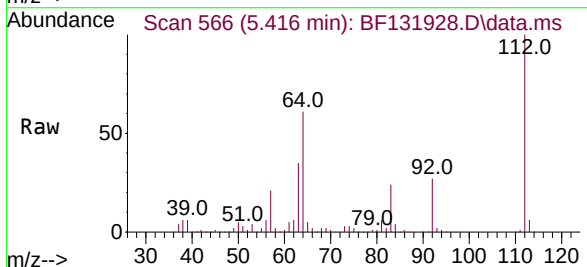
Instrument :
 BNA_F
 ClientSampleId :
 TP-C2

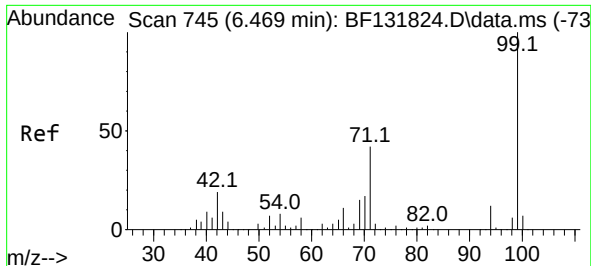
Tgt Ion:152 Resp: 70073
 Ion Ratio Lower Upper
 152 100
 150 153.4 120.0 180.0
 115 67.3 55.1 82.7



#5
 2-Fluorophenol
 Concen: 110.278 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF131928.D
 Acq: 05 Jan 2023 22:12

Tgt Ion:112 Resp: 466295
 Ion Ratio Lower Upper
 112 100
 64 60.8 49.2 73.8
 63 34.9 27.5 41.3

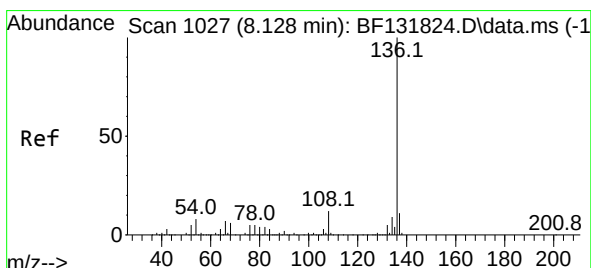
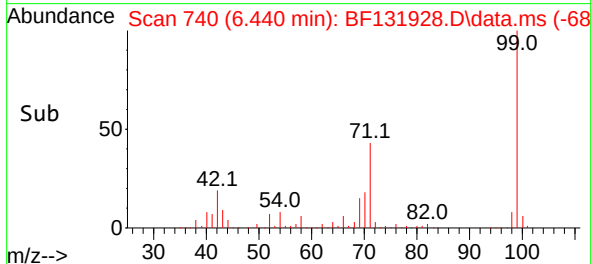
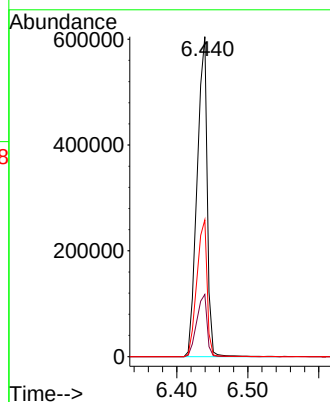
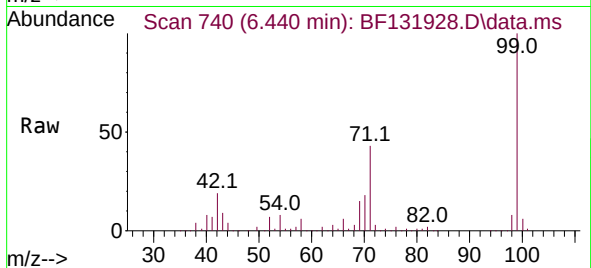




#7
Phenol-d6
Concen: 107.480 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

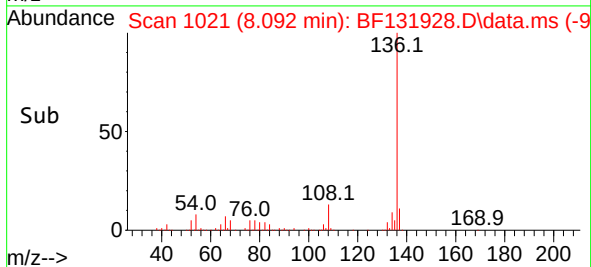
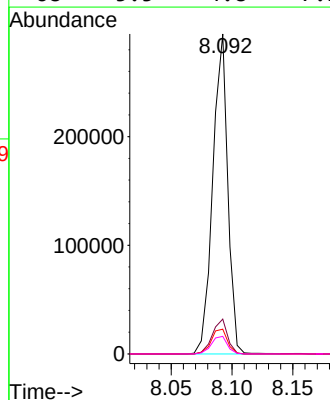
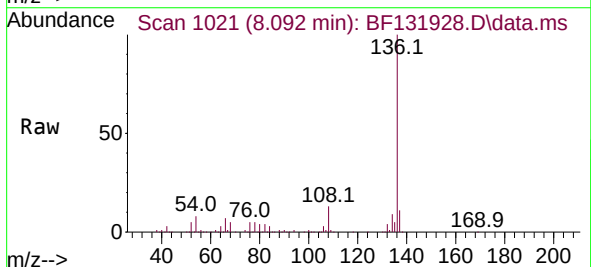
Instrument :
BNA_F
ClientSampleId :
TP-C2

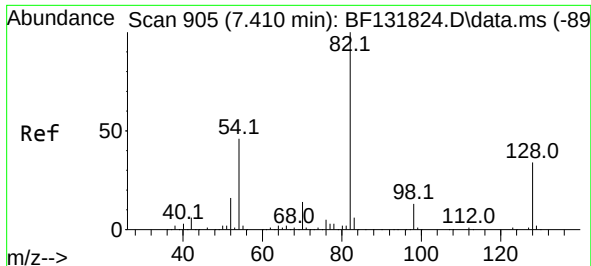
Tgt Ion: 99 Resp: 597081
Ion Ratio Lower Upper
99 100
42 19.4 15.3 22.9
71 42.7 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Tgt Ion: 136 Resp: 252060
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.7 6.7 10.1
68 5.5 4.8 7.2

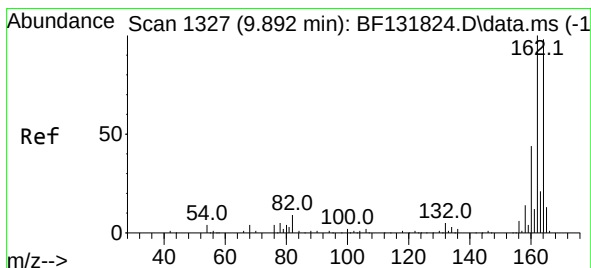
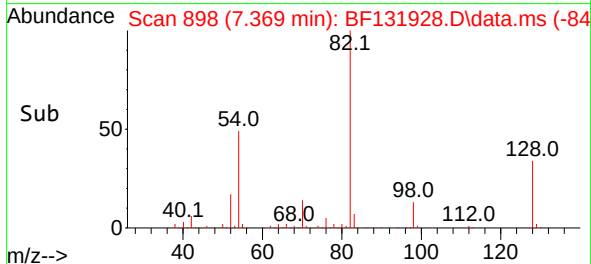
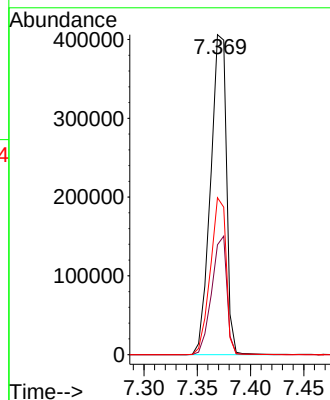
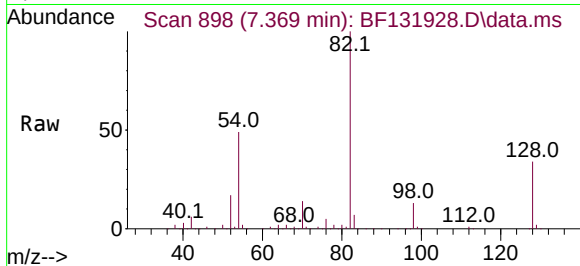




#23
 Nitrobenzene-d5
 Concen: 67.003 ng
 RT: 7.369 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF131928.D
 Acq: 05 Jan 2023 22:12

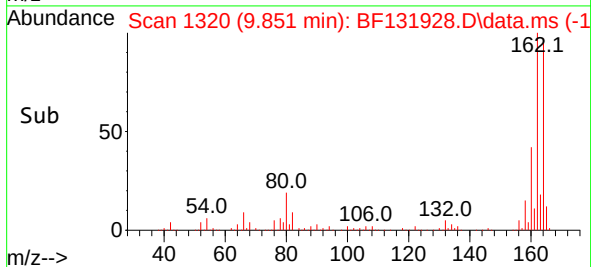
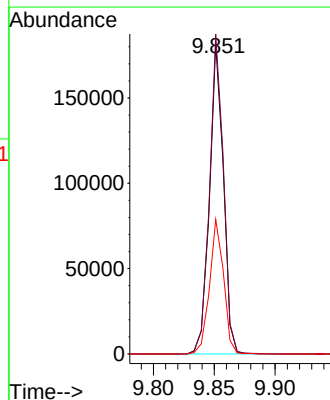
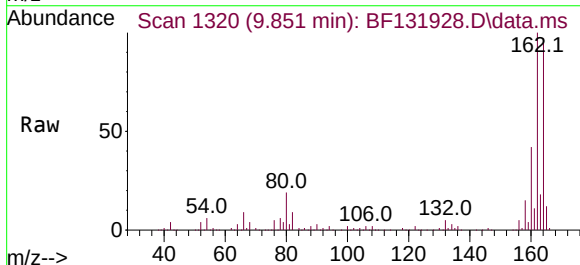
Instrument :
 BNA_F
 ClientSampleId :
 TP-C2

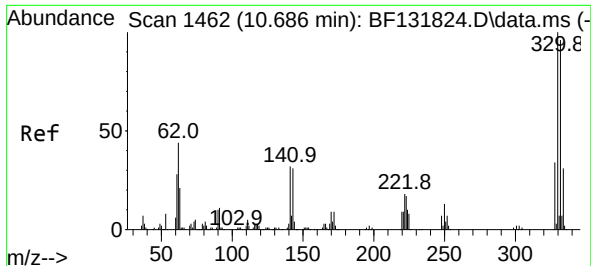
Tgt Ion: 82 Resp: 423004
 Ion Ratio Lower Upper
 82 100
 128 34.3 27.1 40.7
 54 49.0 37.0 55.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.851 min Scan# 1320
 Delta R.T. -0.006 min
 Lab File: BF131928.D
 Acq: 05 Jan 2023 22:12

Tgt Ion:164 Resp: 144064
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.8 122.6
 160 43.5 35.7 53.5

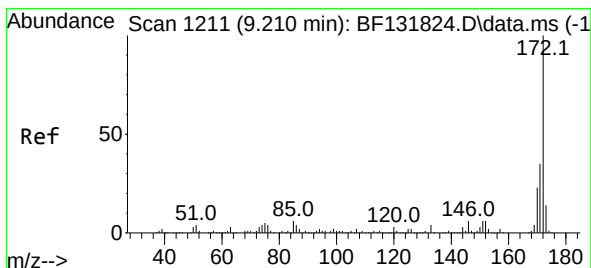
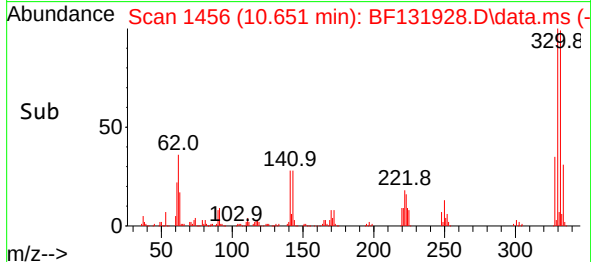
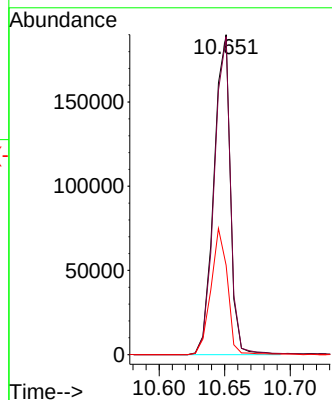
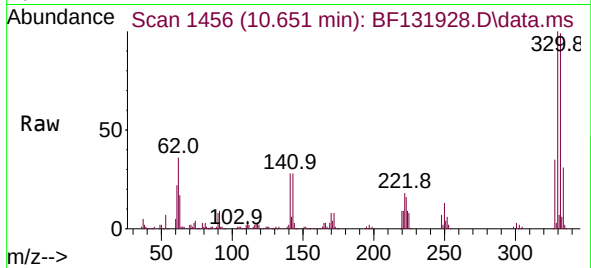




#42
2,4,6-Tribromophenol
Concen: 106.058 ng
RT: 10.651 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

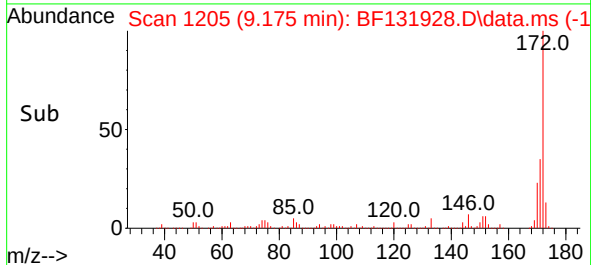
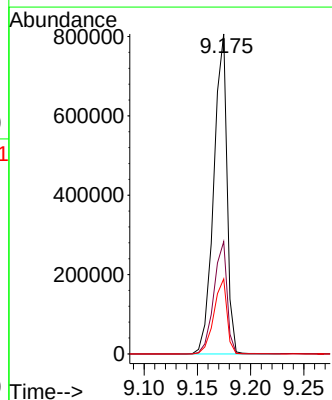
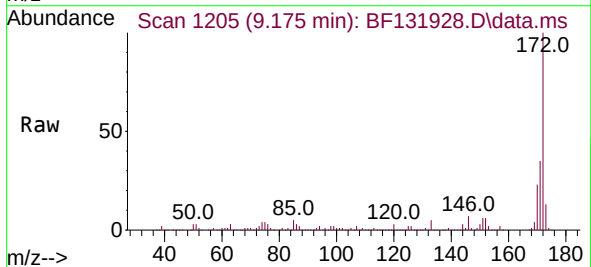
Instrument :
BNA_F
ClientSampleId :
TP-C2

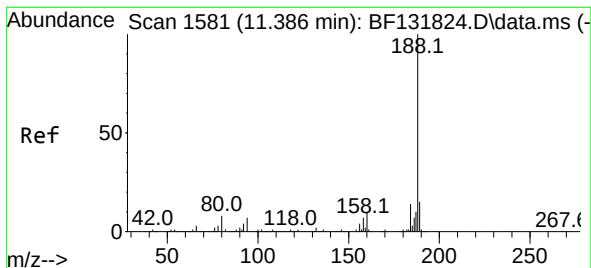
Tgt Ion:330 Resp: 166009
Ion Ratio Lower Upper
330 100
332 98.9 77.0 115.4
141 39.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 66.497 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Tgt Ion:172 Resp: 699392
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131928.D

Acq: 05 Jan 2023 22:12

Instrument :

BNA_F

ClientSampleId :

TP-C2

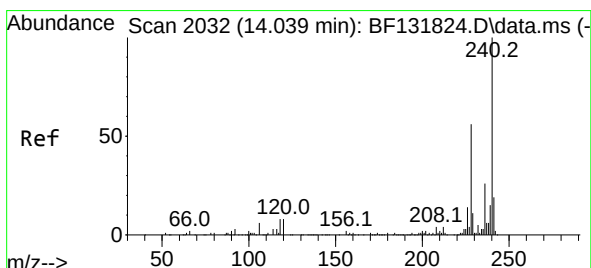
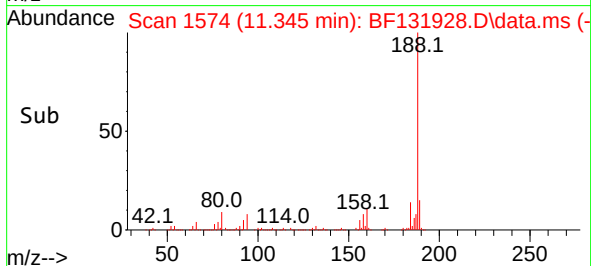
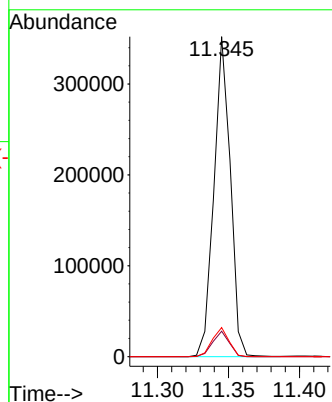
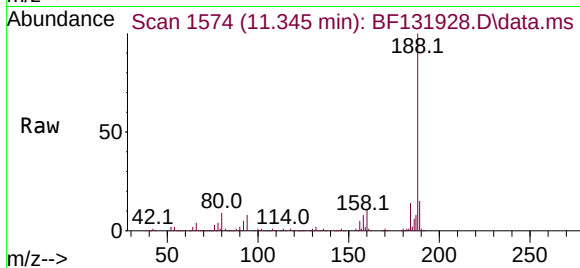
Tgt Ion:188 Resp: 282864

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

80 9.1 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: BF131928.D

Acq: 05 Jan 2023 22:12

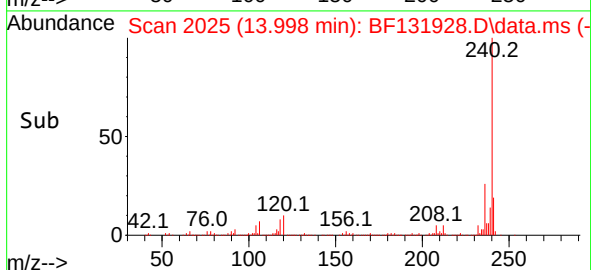
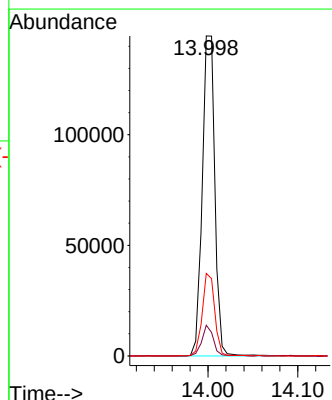
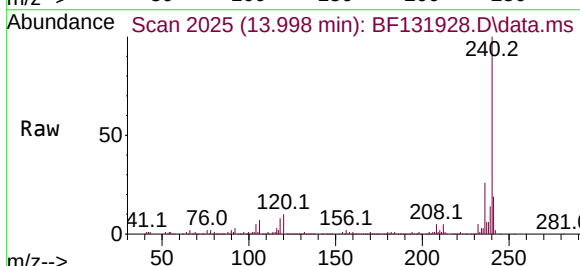
Tgt Ion:240 Resp: 141008

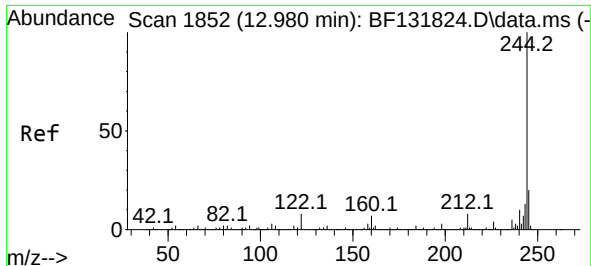
Ion Ratio Lower Upper

240 100

120 9.6 6.7 10.1

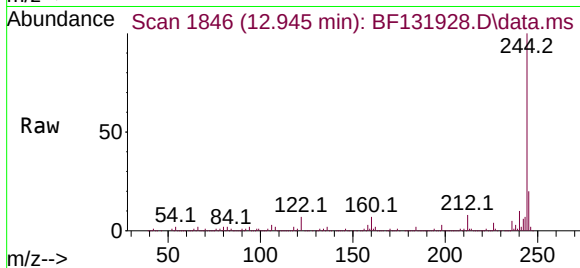
236 25.8 20.6 31.0



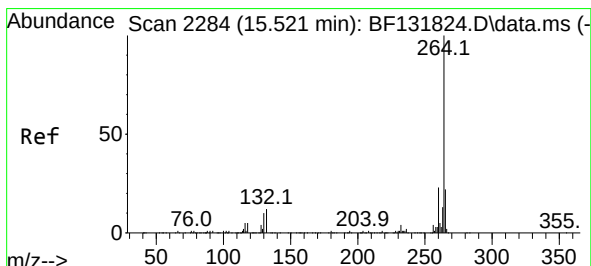
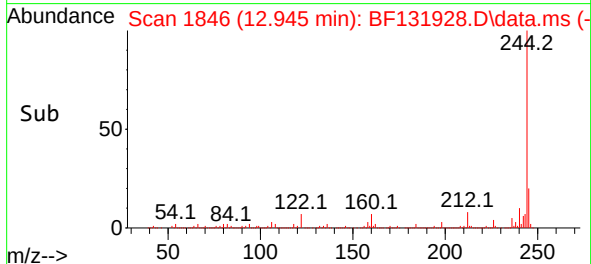
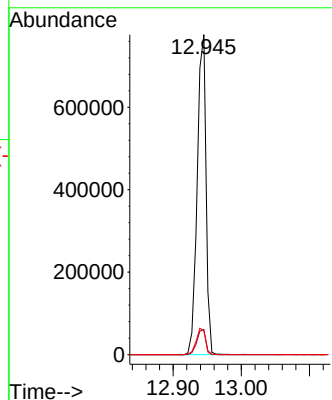


#79
 Terphenyl-d14
 Concen: 83.769 ng
 RT: 12.945 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF131928.D
 Acq: 05 Jan 2023 22:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-C2



Tgt Ion:244 Resp: 698310
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 7.4 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF131928.D
 Acq: 05 Jan 2023 22:12

Tgt Ion:264 Resp: 147284
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.6 28.0
 265 20.9 17.4 26.0

