

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132013.D
 Acq On : 11 Jan 2023 00:11
 Operator : CG\JU
 Sample : 01089-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-1-010923

Quant Time: Jan 11 02:40:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	61042	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	198403	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	100019	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	189311	20.000	ng	0.00
76) Chrysene-d12	13.980	240	137085	20.000	ng	0.00
86) Perylene-d12	15.445	264	110470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	81488	21.997	ng	0.00
7) Phenol-d6	6.428	99	100354	20.432	ng	0.00
23) Nitrobenzene-d5	7.351	82	62359	13.045	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	19719	17.147	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	103546	13.976	ng	-0.01
79) Terphenyl-d14	12.922	244	116941	12.227	ng	0.00

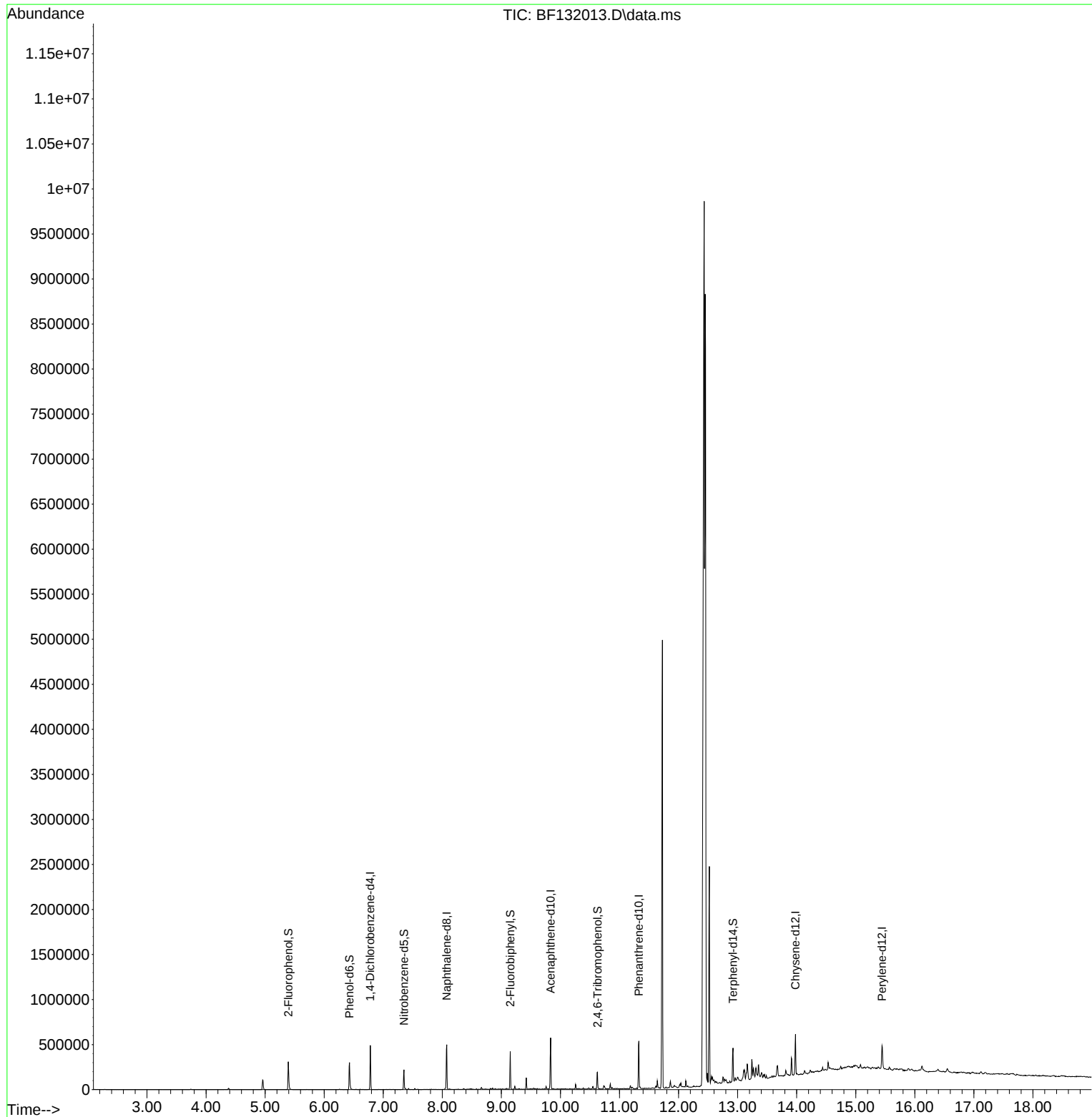
Target Compounds	Qvalue

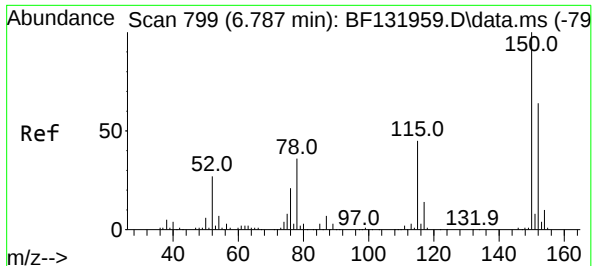
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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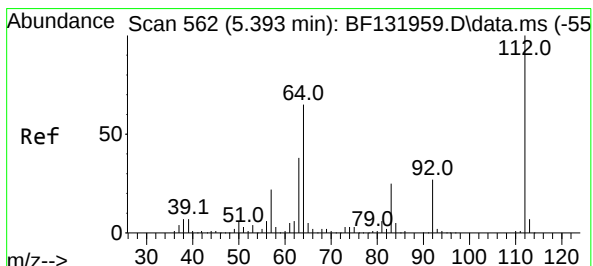
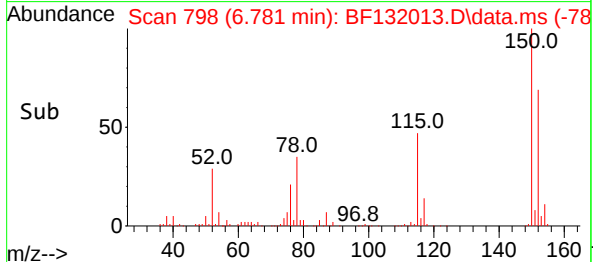
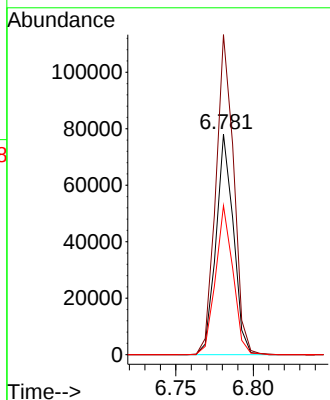
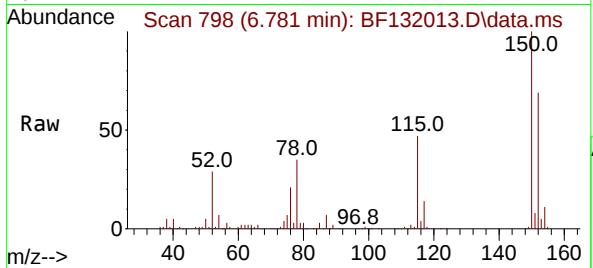




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF132013.D
 Acq: 11 Jan 2023 00:11

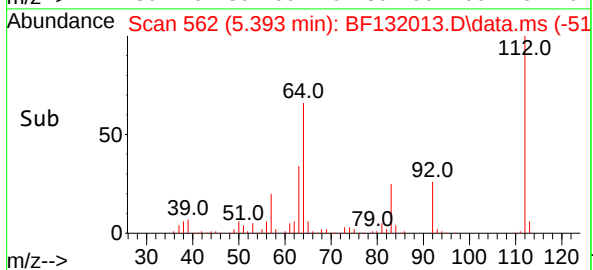
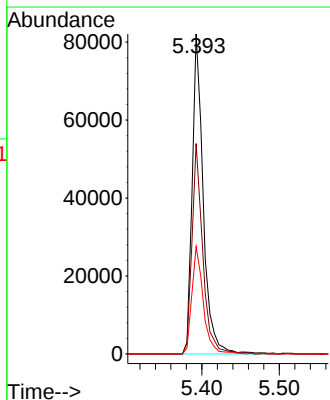
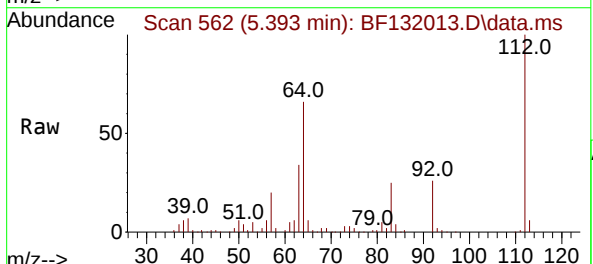
Instrument :
 BNA_F
 ClientSampleId :
 PL-1-010923

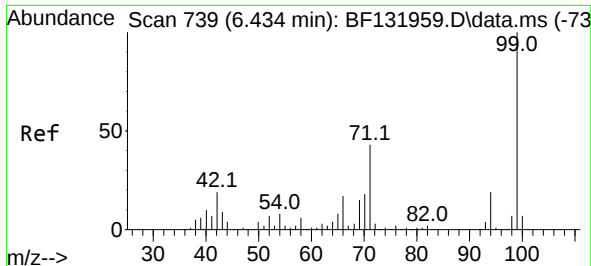
Tgt Ion:152 Resp: 61042
 Ion Ratio Lower Upper
 152 100
 150 145.1 124.6 186.8
 115 67.5 55.6 83.4



#5
 2-Fluorophenol
 Concen: 21.997 ng
 RT: 5.393 min Scan# 562
 Delta R.T. -0.000 min
 Lab File: BF132013.D
 Acq: 11 Jan 2023 00:11

Tgt Ion:112 Resp: 81488
 Ion Ratio Lower Upper
 112 100
 64 65.7 51.9 77.9
 63 33.6 30.2 45.2

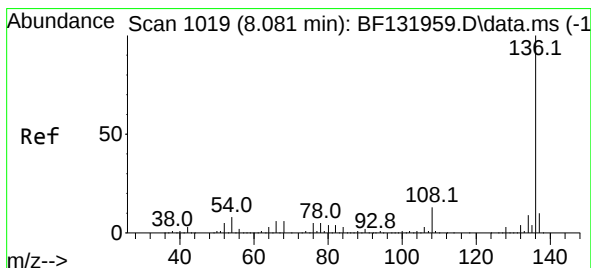
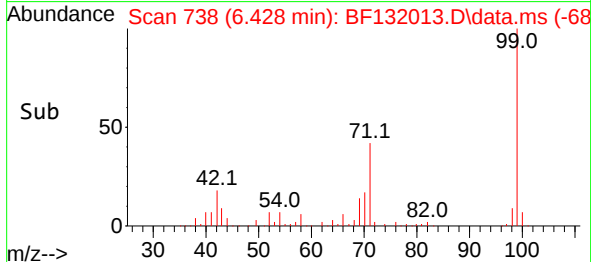
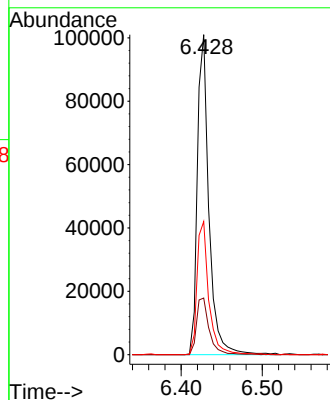
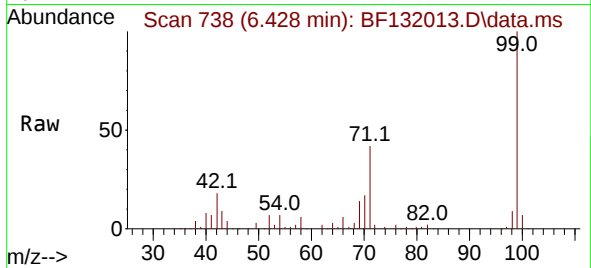




#7
Phenol-d6
Concen: 20.432 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

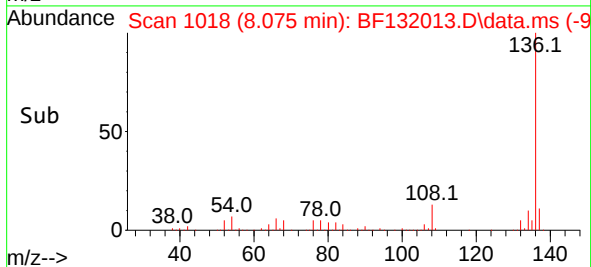
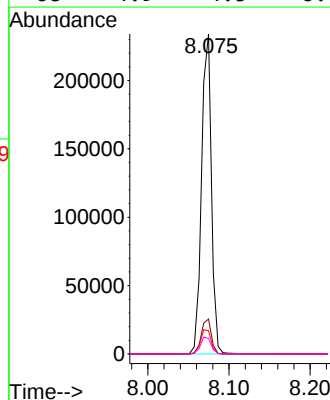
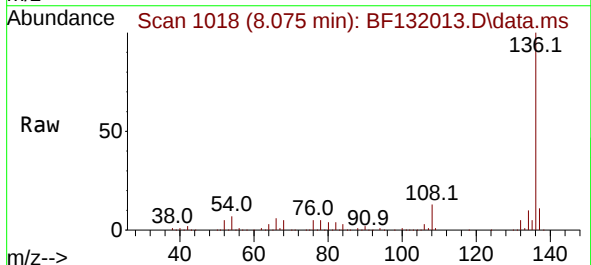
Instrument :
BNA_F
ClientSampleId :
PL-1-010923

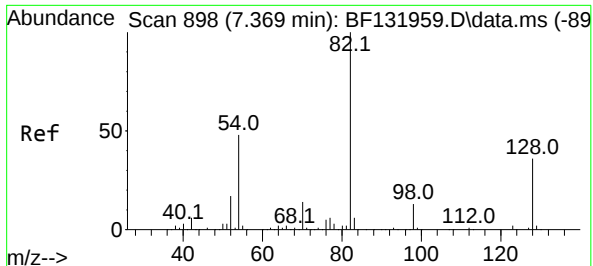
Tgt Ion: 99 Resp: 100354
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.2
71 41.6 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

Tgt Ion: 136 Resp: 198403
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 7.3 6.6 9.8
68 4.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 13.045 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF132013.D

Acq: 11 Jan 2023 00:11

Instrument :

BNA_F

ClientSampleId :

PL-1-010923

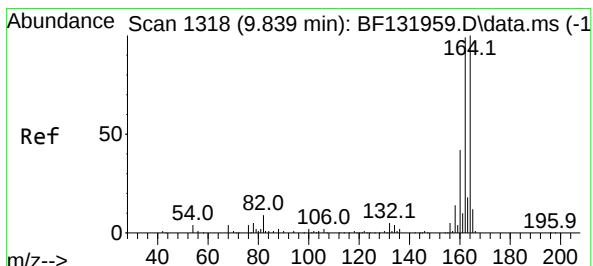
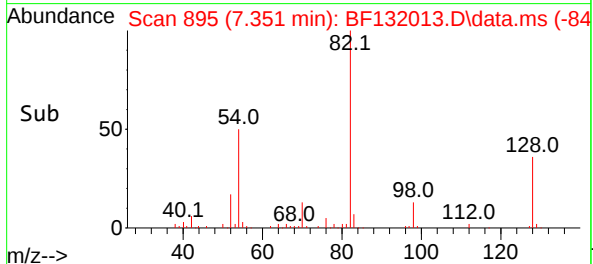
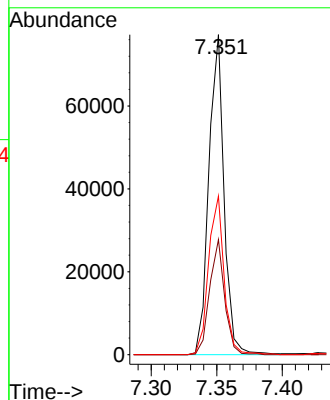
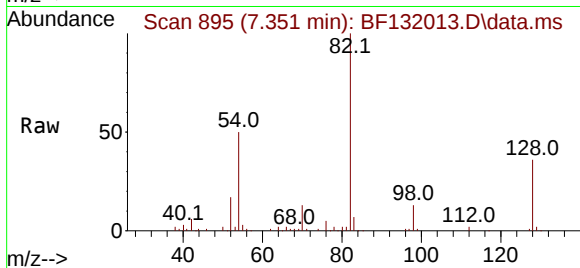
Tgt Ion: 82 Resp: 62359

Ion Ratio Lower Upper

82 100

128 36.0 28.7 43.1

54 49.6 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF132013.D

Acq: 11 Jan 2023 00:11

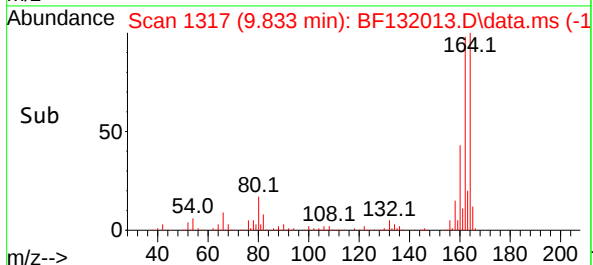
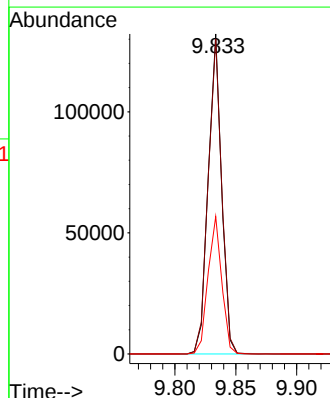
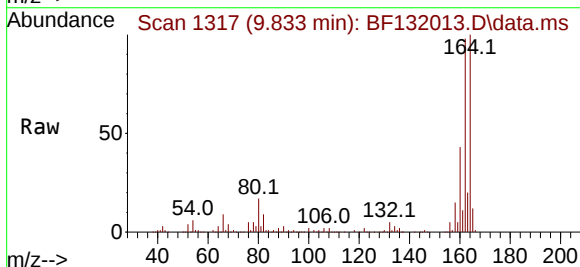
Tgt Ion:164 Resp: 100019

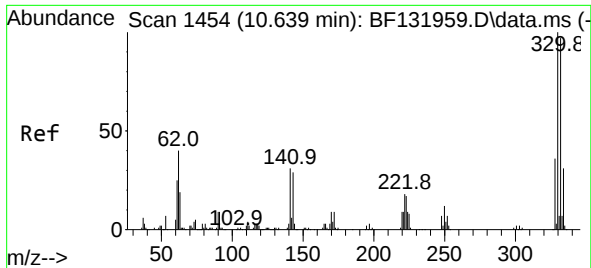
Ion Ratio Lower Upper

164 100

162 98.4 79.4 119.0

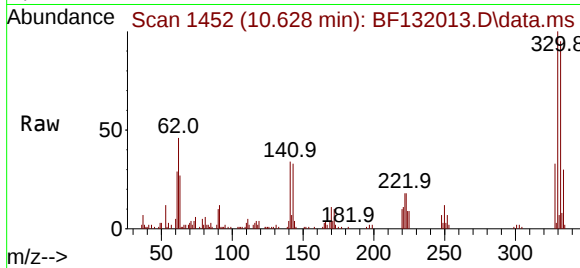
160 42.9 33.9 50.9



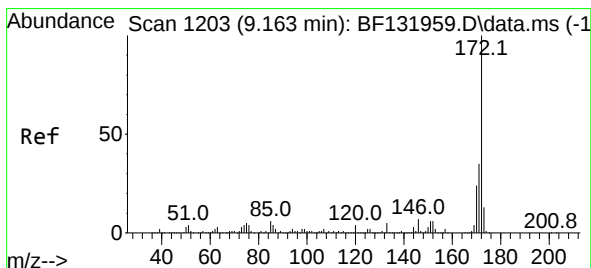
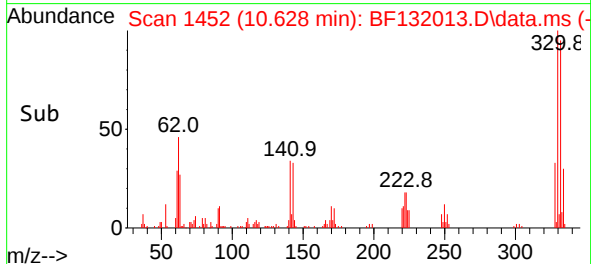
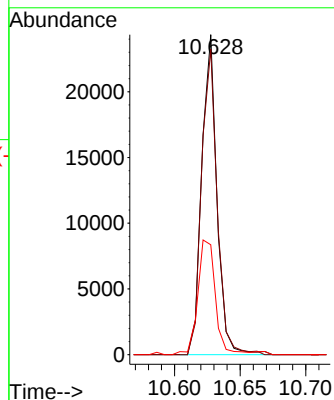


#42
2,4,6-Tribromophenol
Concen: 17.147 ng
RT: 10.628 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

Instrument :
BNA_F
ClientSampleId :
PL-1-010923

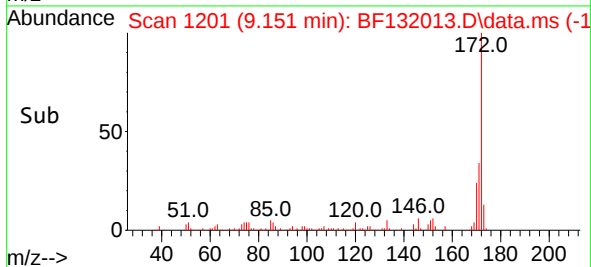
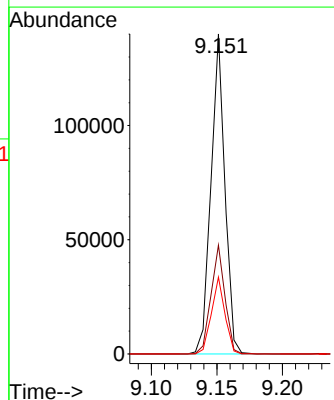
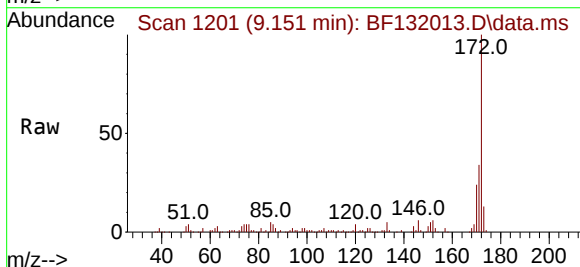


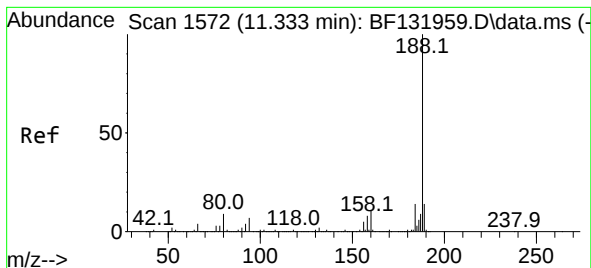
Tgt Ion:330 Resp: 19719
Ion Ratio Lower Upper
330 100
332 98.1 76.9 115.3
141 42.4 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 13.976 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF132013.D
Acq: 11 Jan 2023 00:11

Tgt Ion:172 Resp: 103546
Ion Ratio Lower Upper
172 100
171 34.0 28.0 42.0
170 24.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132013.D

Acq: 11 Jan 2023 00:11

Instrument :

BNA_F

ClientSampleId :

PL-1-010923

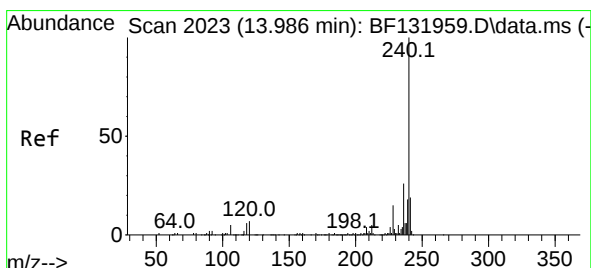
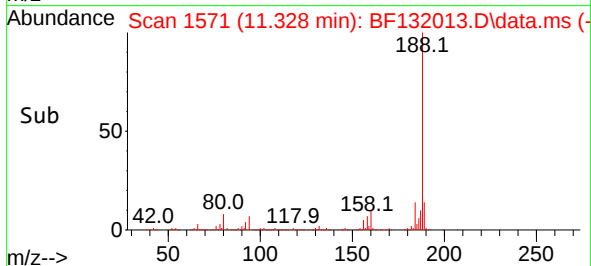
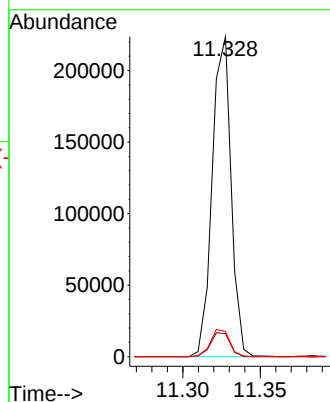
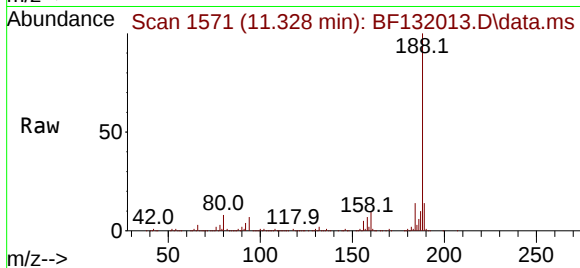
Tgt Ion:188 Resp: 189311

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

80 7.9 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF132013.D

Acq: 11 Jan 2023 00:11

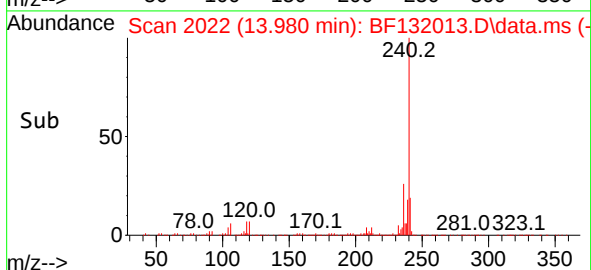
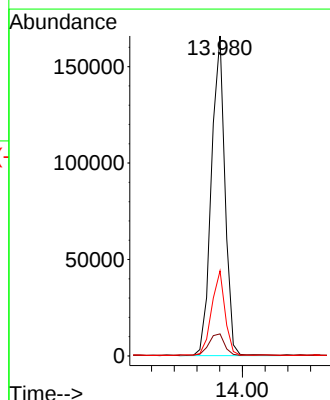
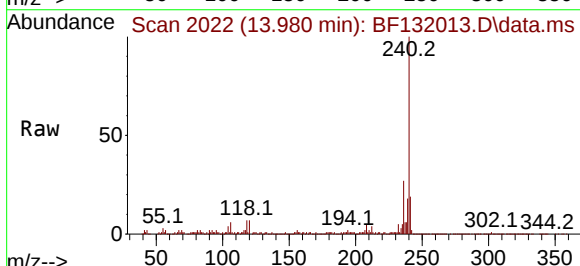
Tgt Ion:240 Resp: 137085

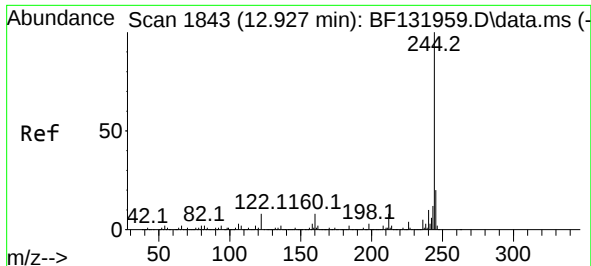
Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.0

236 26.6 21.1 31.7

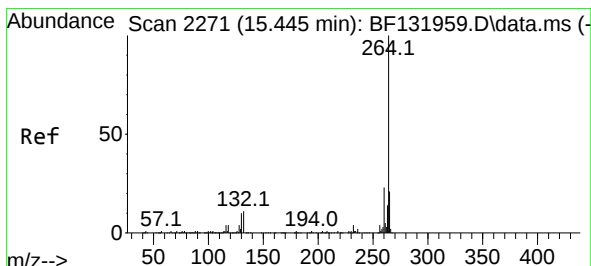
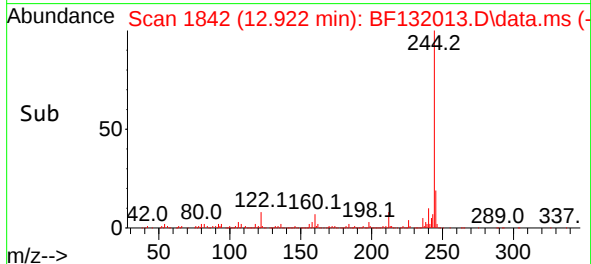
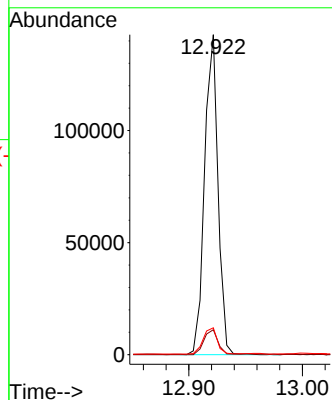
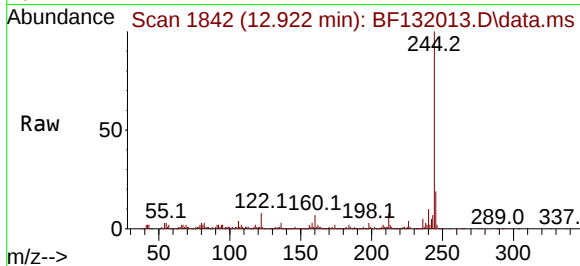




#79
 Terphenyl-d14
 Concen: 12.227 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF132013.D
 Acq: 11 Jan 2023 00:11

Instrument :
 BNA_F
 ClientSampleId :
 PL-1-010923

Tgt Ion:244 Resp: 116941
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.4 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BF132013.D
 Acq: 11 Jan 2023 00:11

Tgt Ion:264 Resp: 110470
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 20.3 16.9 25.3

