

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
 Data File : BF132101.D
 Acq On : 17 Jan 2023 19:03
 Operator : CG\JU
 Sample : PB150222TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150222TB

Quant Time: Jan 18 05:47:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:47:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	233840	20.000	ng	0.00
21) Naphthalene-d8	8.386	136	883467	20.000	ng	0.00
39) Acenaphthene-d10	10.151	164	504154	20.000	ng	0.00
64) Phenanthrene-d10	11.651	188	1040146	20.000	ng	0.00
76) Chrysene-d12	14.315	240	755335	20.000	ng	0.00
86) Perylene-d12	15.915	264	527576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	1364952	104.446	ng	0.01
7) Phenol-d6	6.710	99	1805535	107.109	ng	0.00
23) Nitrobenzene-d5	7.663	82	1236621	78.260	ng	0.00
42) 2,4,6-Tribromophenol	10.951	330	590127	115.638	ng	0.00
45) 2-Fluorobiphenyl	9.463	172	2021359	60.052	ng	0.00
79) Terphenyl-d14	13.251	244	2740582	61.162	ng	0.00

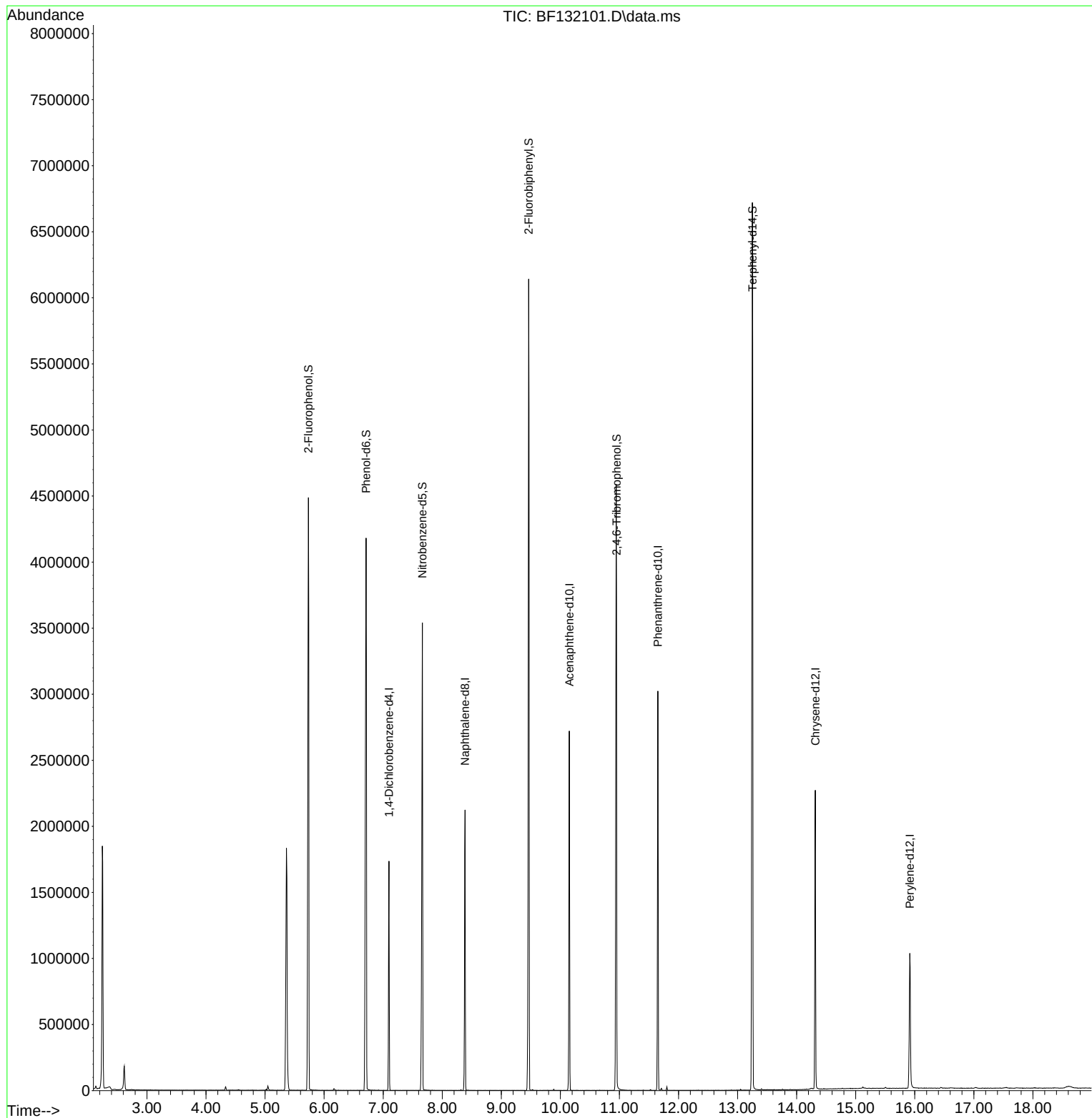
Target Compounds Qvalue

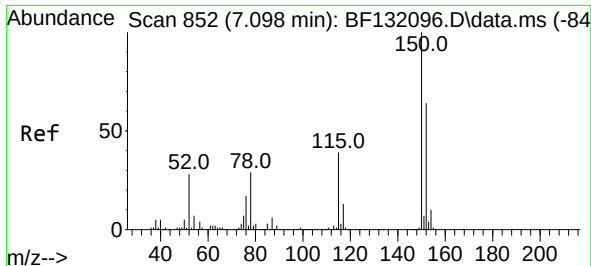
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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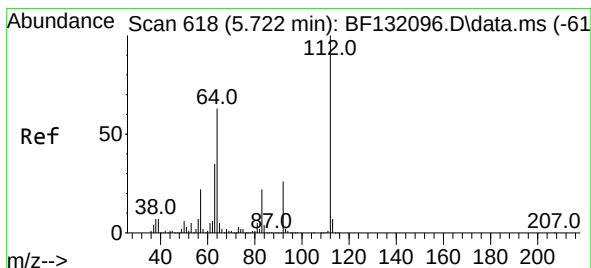
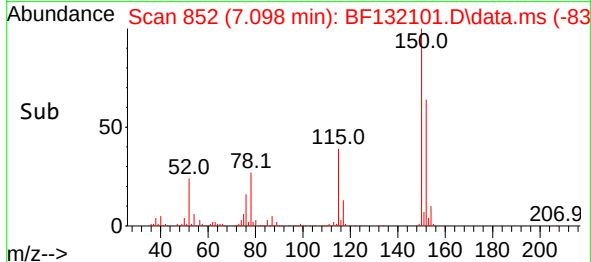
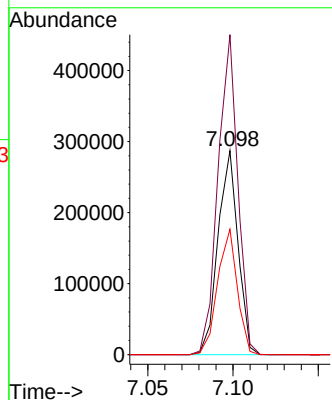
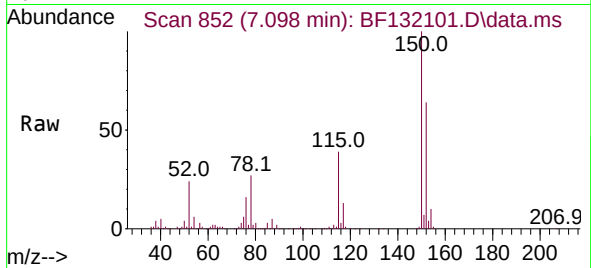




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.098 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF132101.D
 Acq: 17 Jan 2023 19:03

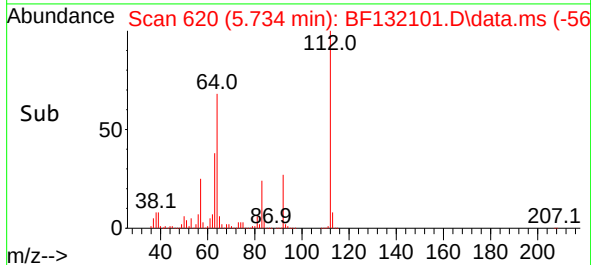
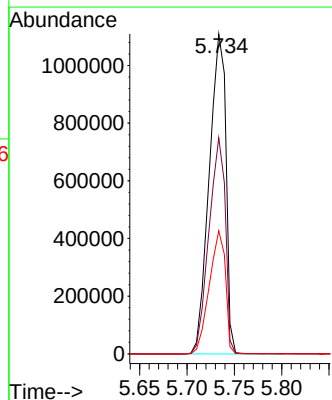
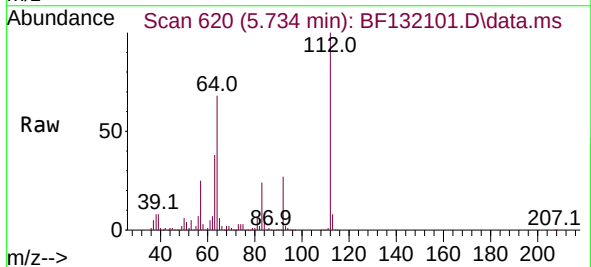
Instrument :
 BNA_F
 ClientSampleId :
 PB150222TB

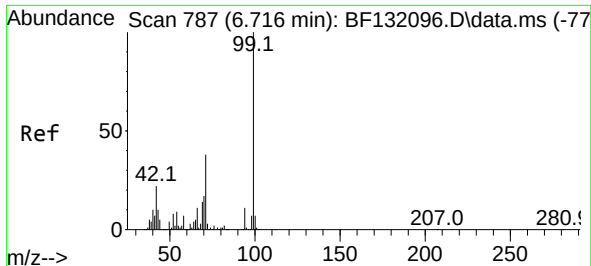
Tgt Ion:152 Resp: 233840
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.7 187.1
 115 61.5 49.1 73.7



#5
 2-Fluorophenol
 Concen: 104.446 ng
 RT: 5.734 min Scan# 620
 Delta R.T. 0.012 min
 Lab File: BF132101.D
 Acq: 17 Jan 2023 19:03

Tgt Ion:112 Resp: 1364952
 Ion Ratio Lower Upper
 112 100
 64 67.5 50.5 75.7
 63 38.5 28.0 42.0

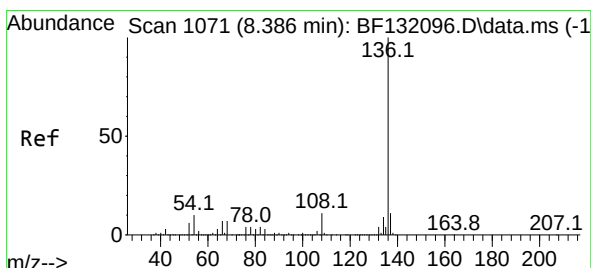
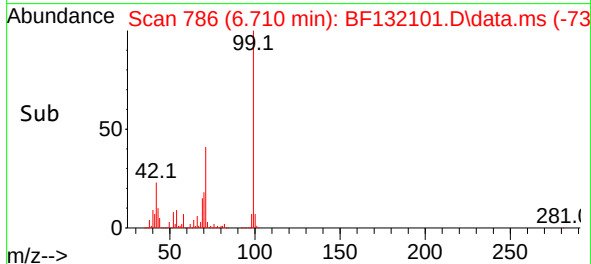
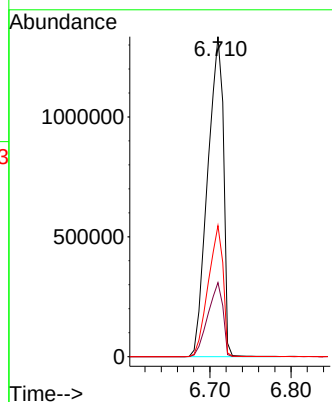
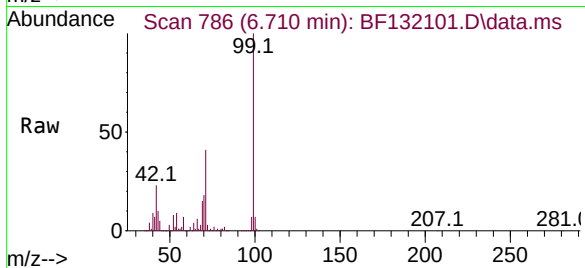




#7
Phenol-d6
Concen: 107.109 ng
RT: 6.710 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF132101.D
Acq: 17 Jan 2023 19:03

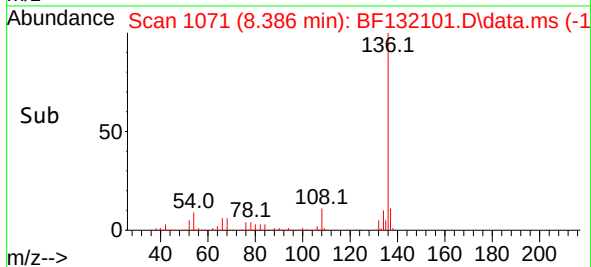
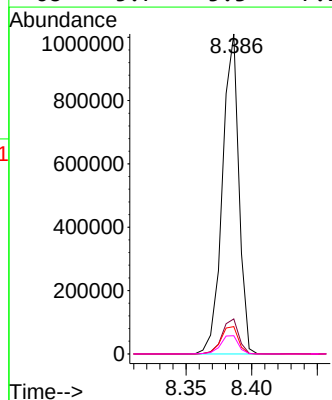
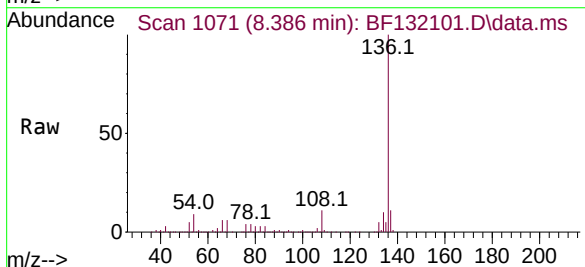
Instrument :
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ClientSampleId :
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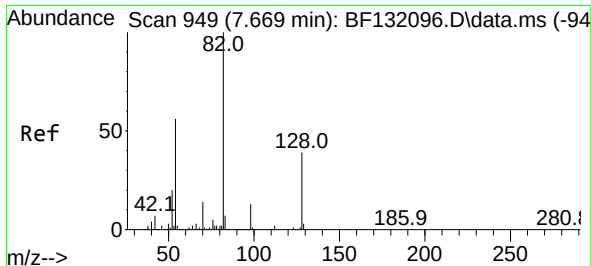
Tgt Ion: 99 Resp: 1805535
Ion Ratio Lower Upper
99 100
42 23.1 17.2 25.8
71 40.9 30.4 45.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.386 min Scan# 1071
Delta R.T. -0.000 min
Lab File: BF132101.D
Acq: 17 Jan 2023 19:03

Tgt Ion: 136 Resp: 883467
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 8.5 7.9 11.9
68 5.7 5.3 7.9

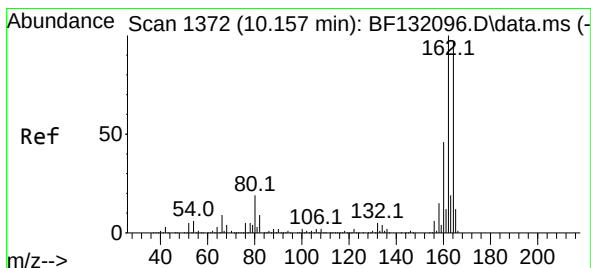
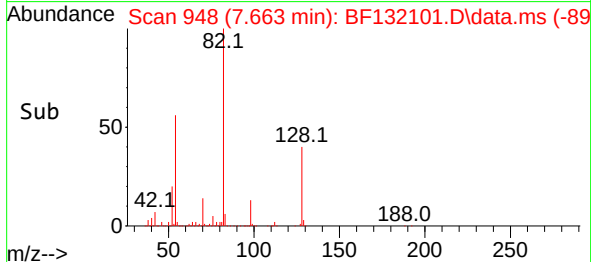
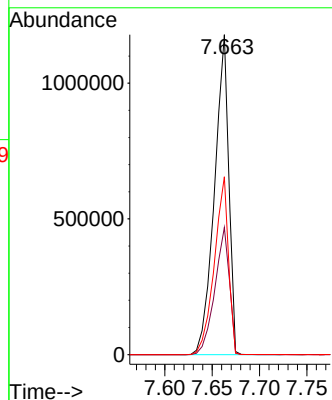
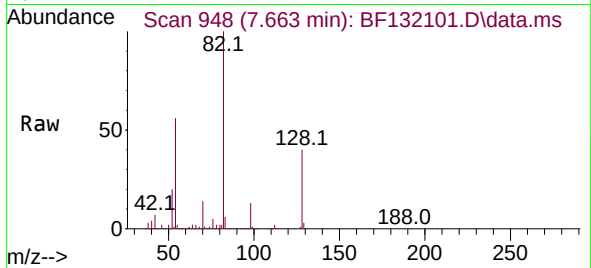




#23
Nitrobenzene-d5
Concen: 78.260 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF132101.D
Acq: 17 Jan 2023 19:03

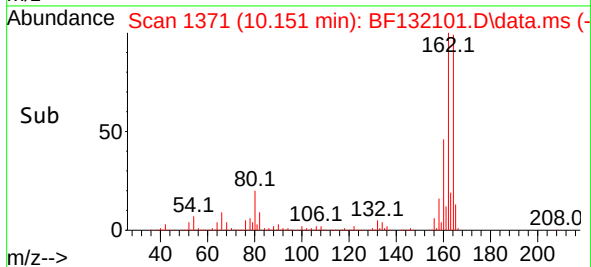
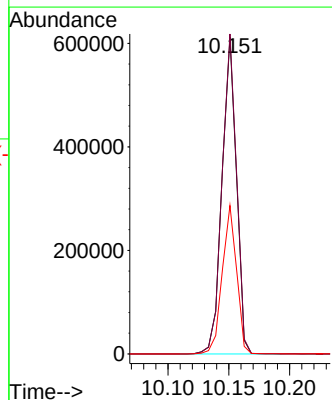
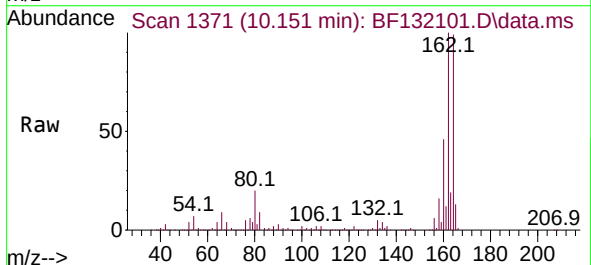
Instrument :
BNA_F
ClientSampleId :
PB150222TB

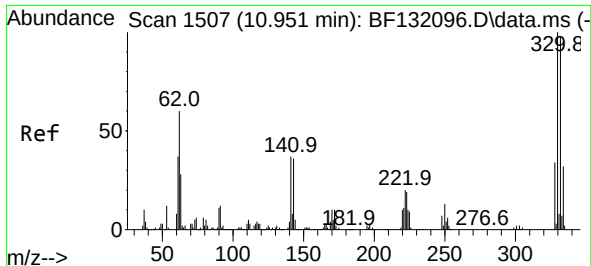
Tgt Ion: 82 Resp: 1236621
Ion Ratio Lower Upper
82 100
128 39.7 31.2 46.8
54 55.6 45.1 67.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF132101.D
Acq: 17 Jan 2023 19:03

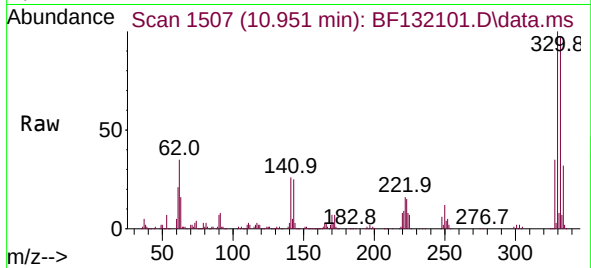
Tgt Ion:164 Resp: 504154
Ion Ratio Lower Upper
164 100
162 101.0 82.5 123.7
160 46.9 38.2 57.2



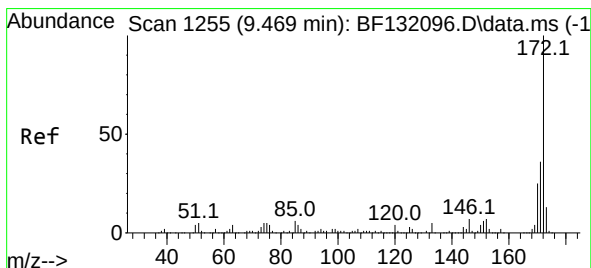
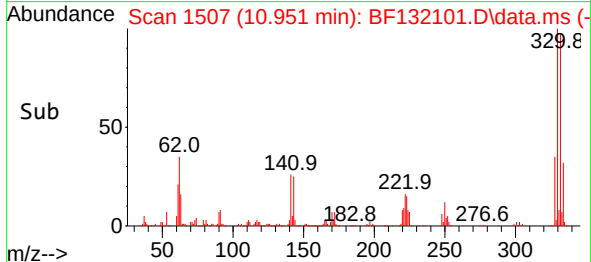
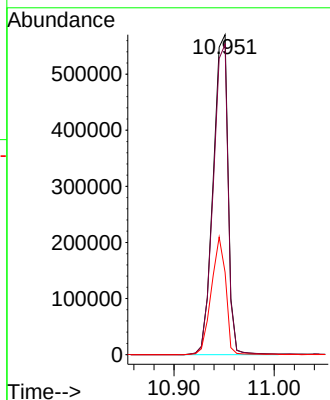


#42
2,4,6-Tribromophenol
Concen: 115.638 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF132101.D
Acq: 17 Jan 2023 19:03

Instrument :
BNA_F
ClientSampleId :
PB150222TB

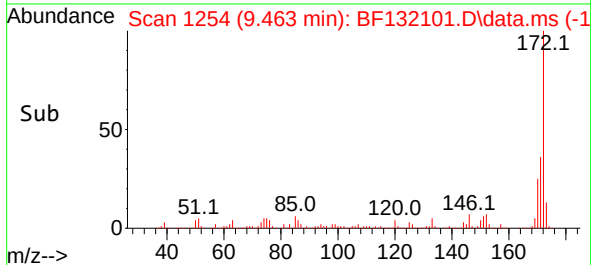
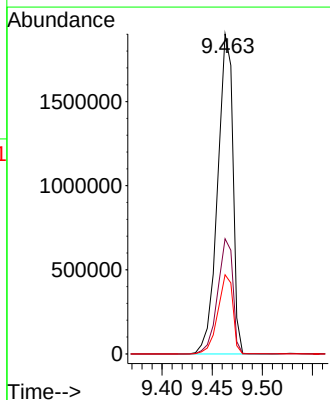
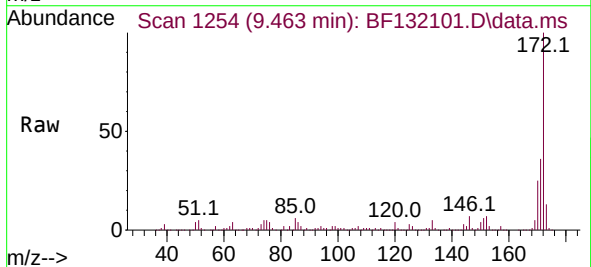


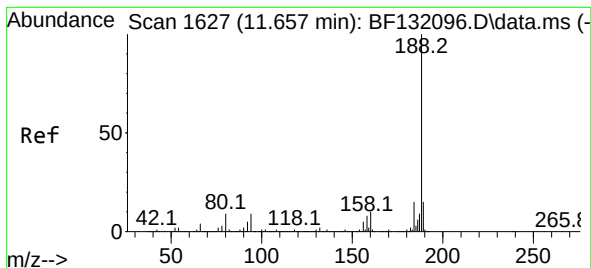
Tgt Ion:330 Resp: 590127
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 35.4 29.4 44.0



#45
2-Fluorobiphenyl
Concen: 60.052 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BF132101.D
Acq: 17 Jan 2023 19:03

Tgt Ion:172 Resp: 2021359
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 24.8 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.651 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF132101.D

Acq: 17 Jan 2023 19:03

Instrument :

BNA_F

ClientSampleId :

PB150222TB

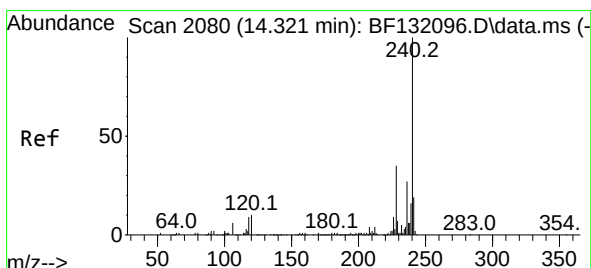
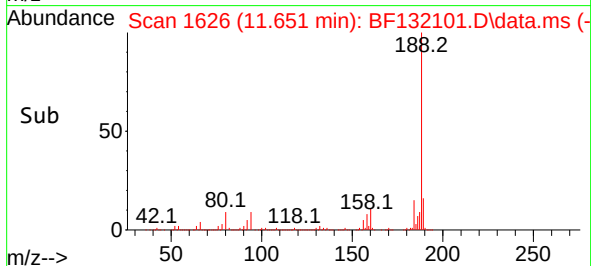
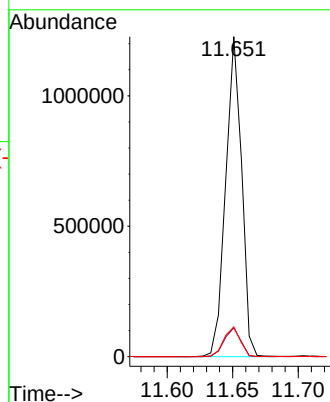
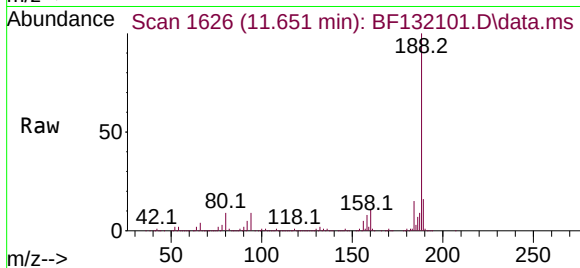
Tgt Ion:188 Resp: 1040146

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

80 9.3 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.315 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BF132101.D

Acq: 17 Jan 2023 19:03

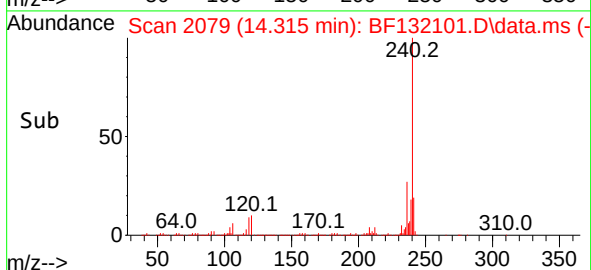
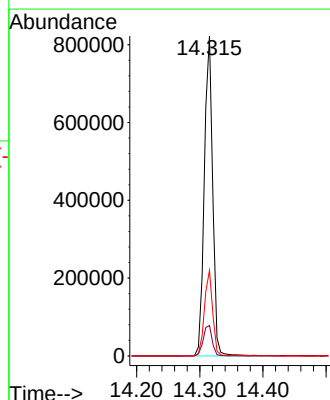
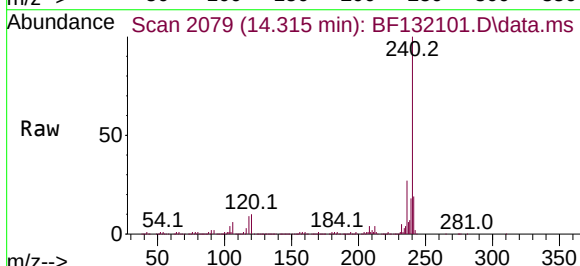
Tgt Ion:240 Resp: 755335

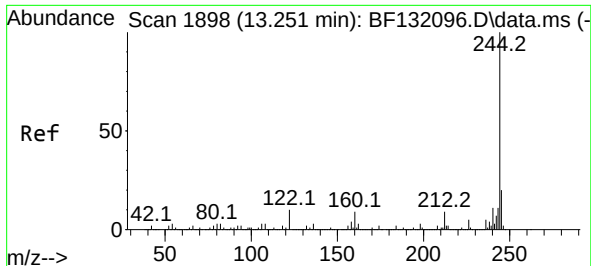
Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.8

236 26.7 21.3 31.9

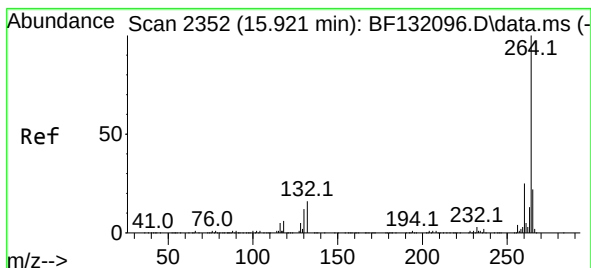
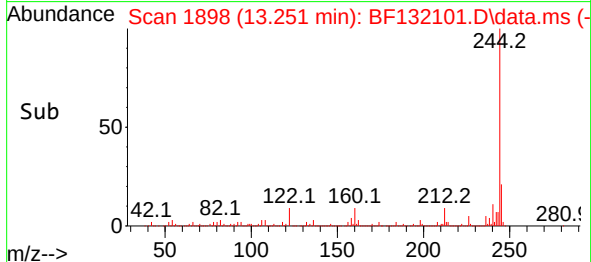
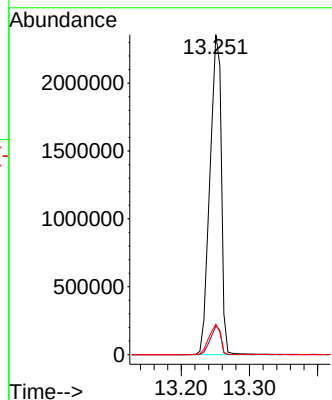
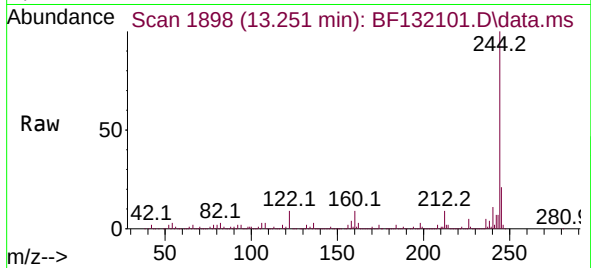




#79
Terphenyl-d14
Concen: 61.162 ng
RT: 13.251 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BF132101.D
Acq: 17 Jan 2023 19:03

Instrument :
BNA_F
ClientSampleId :
PB150222TB

Tgt Ion:244 Resp: 2740582
Ion Ratio Lower Upper
244 100
212 8.9 7.1 10.7
122 9.5 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.915 min Scan# 2351
Delta R.T. -0.006 min
Lab File: BF132101.D
Acq: 17 Jan 2023 19:03

Tgt Ion:264 Resp: 527576
Ion Ratio Lower Upper
264 100
260 23.3 19.7 29.5
265 22.3 17.3 25.9

