

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132350.D
 Acq On : 07 Feb 2023 18:10
 Operator : CG\JU
 Sample : 01466-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-1

Quant Time: Feb 08 04:00:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	161706	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	615819	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	324194	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	626821	20.000	ng	0.00
76) Chrysene-d12	14.254	240	384120	20.000	ng	-0.01
86) Perylene-d12	15.830	264	354080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1074995	106.857	ng	0.01
7) Phenol-d6	6.666	99	1316832	106.173	ng	0.00
23) Nitrobenzene-d5	7.613	82	779906	70.475	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	458594	137.555	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1485333	70.752	ng	0.00
79) Terphenyl-d14	13.189	244	1716783	86.456	ng	0.00

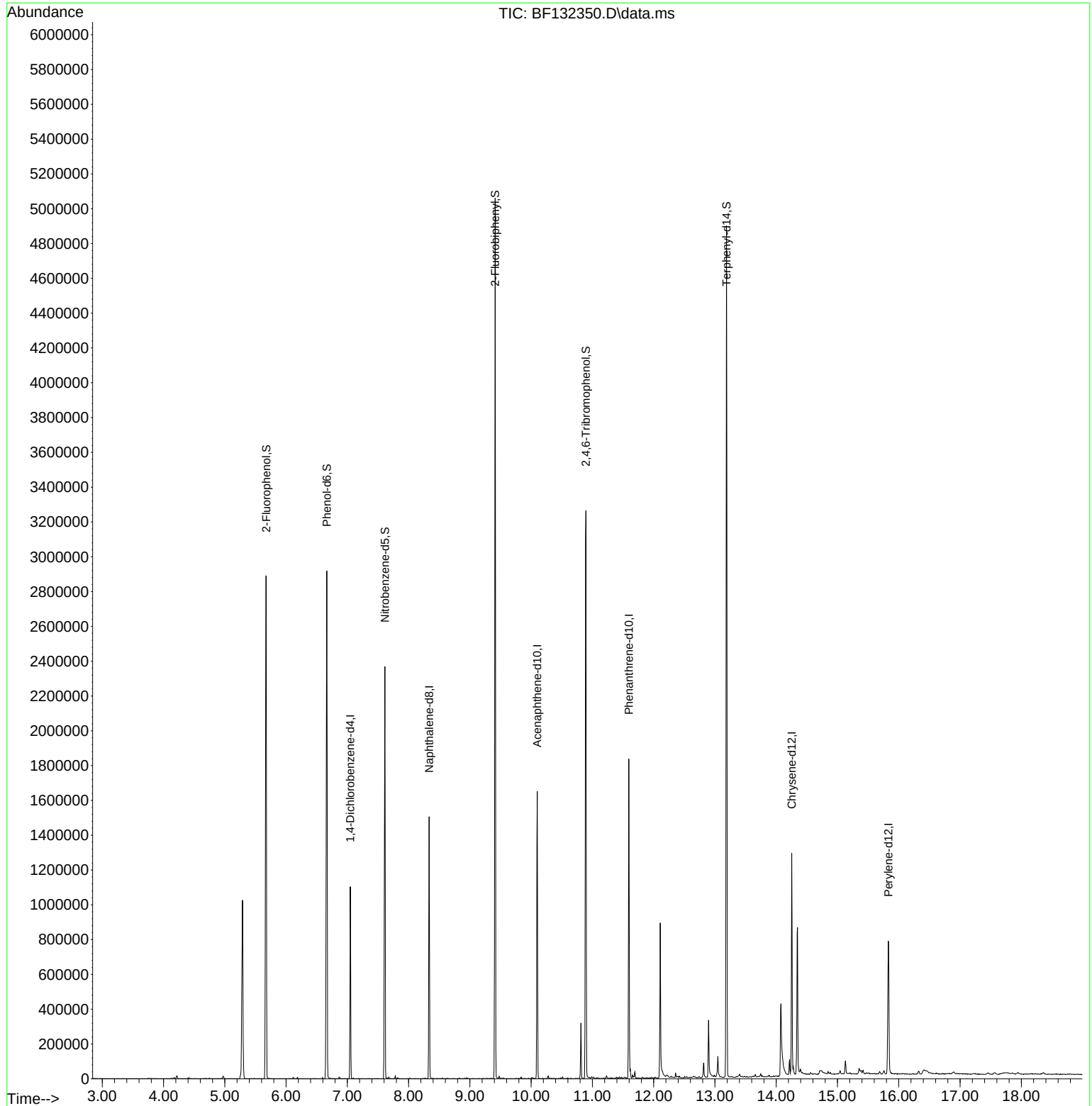
Target Compounds	Qvalue

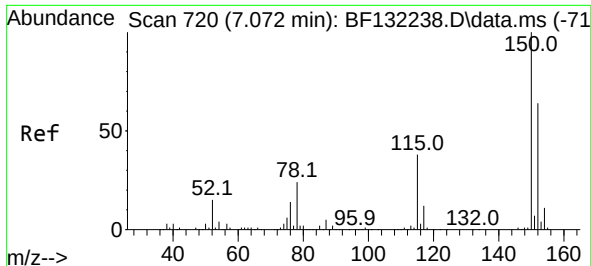
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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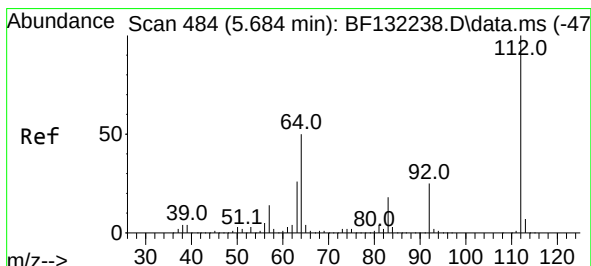
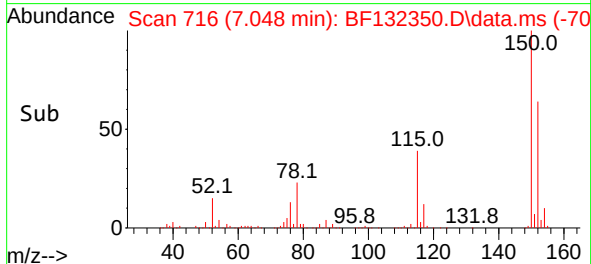
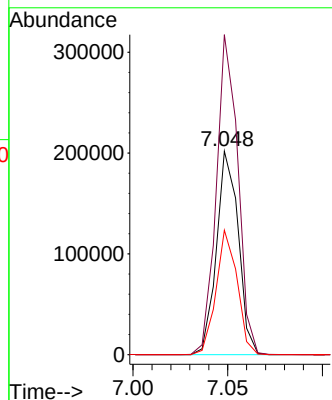
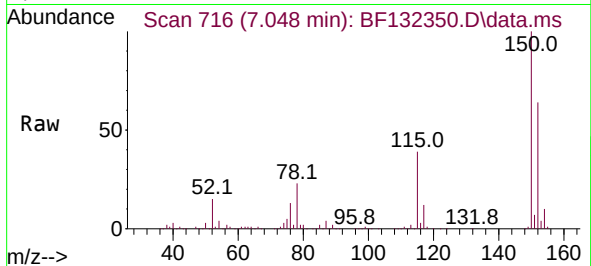




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132350.D
 Acq: 07 Feb 2023 18:10

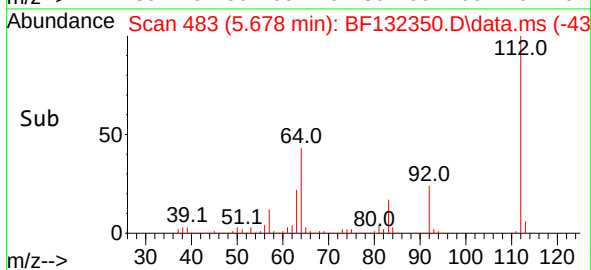
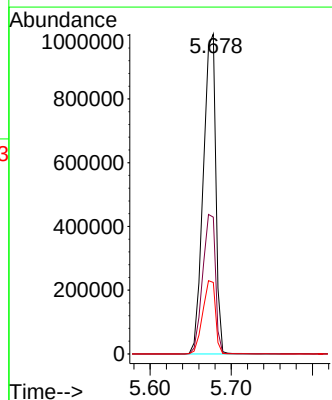
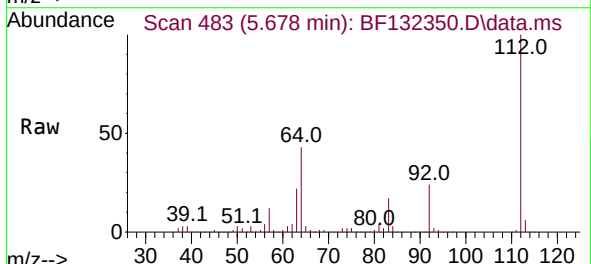
Instrument :
 BNA_F
 ClientSampleId :
 A-1

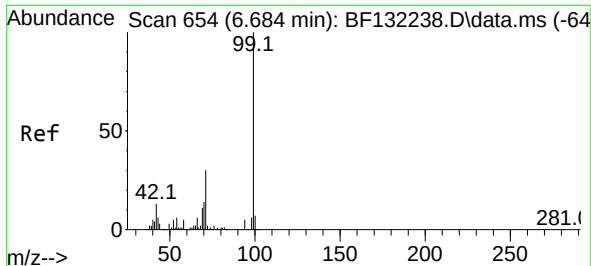
Tgt Ion:152 Resp: 161706
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.2 186.2
 115 61.2 47.3 70.9



#5
 2-Fluorophenol
 Concen: 106.857 ng
 RT: 5.678 min Scan# 483
 Delta R.T. 0.012 min
 Lab File: BF132350.D
 Acq: 07 Feb 2023 18:10

Tgt Ion:112 Resp: 1074995
 Ion Ratio Lower Upper
 112 100
 64 42.8 40.0 60.0
 63 22.3 20.5 30.7

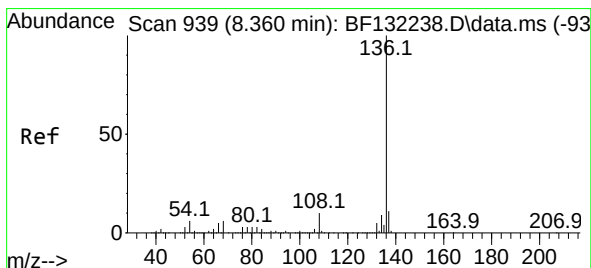
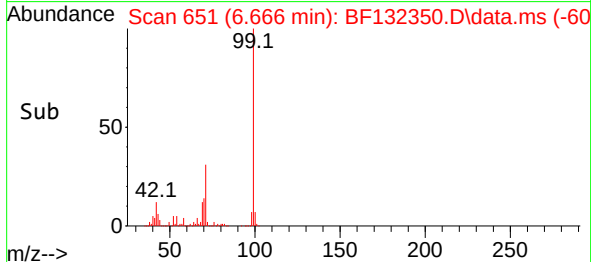
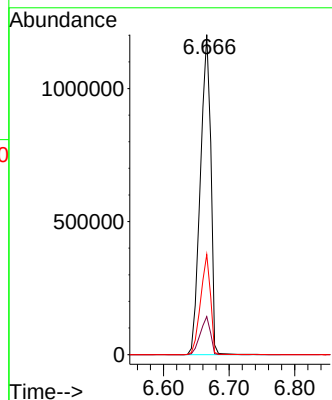
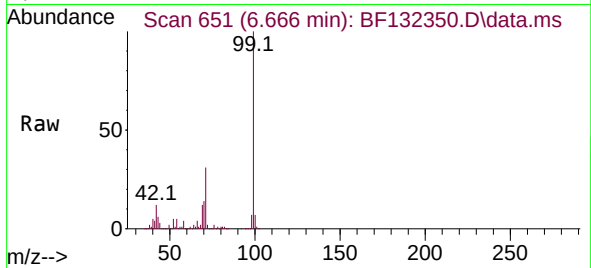




#7
Phenol-d6
Concen: 106.173 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

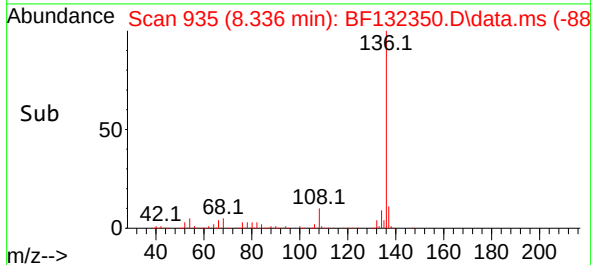
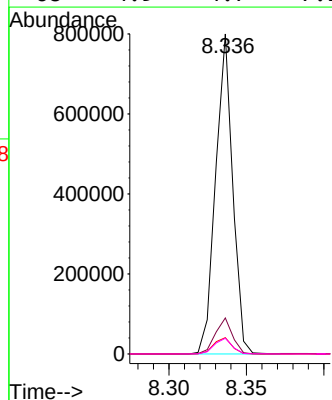
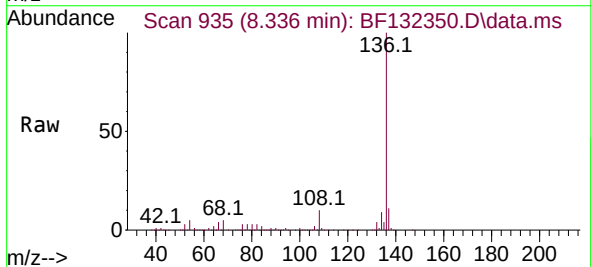
Instrument :
BNA_F
ClientSampleId :
A-1

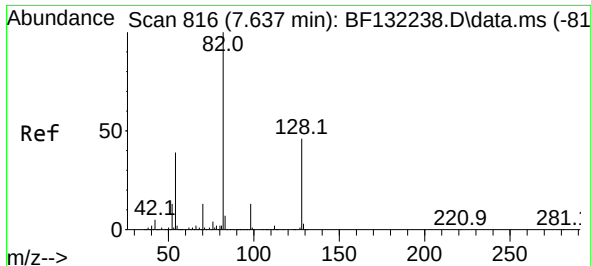
Tgt Ion: 99 Resp: 1316832
Ion Ratio Lower Upper
99 100
42 11.9 10.1 15.1
71 31.3 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

Tgt Ion: 136 Resp: 615819
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.1 4.9 7.3
68 4.9 4.7 7.1

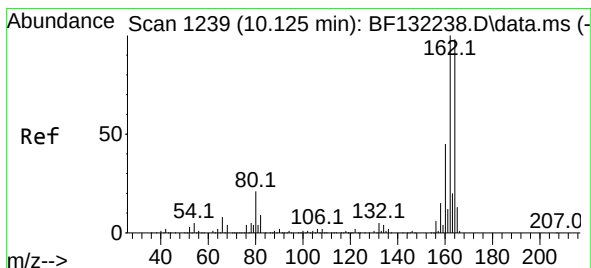
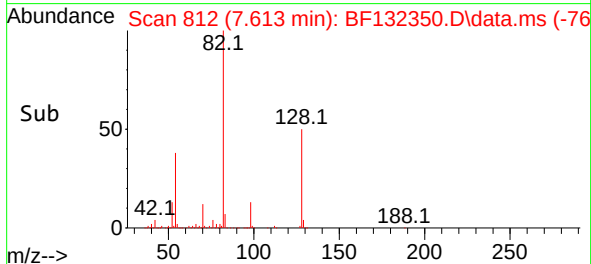
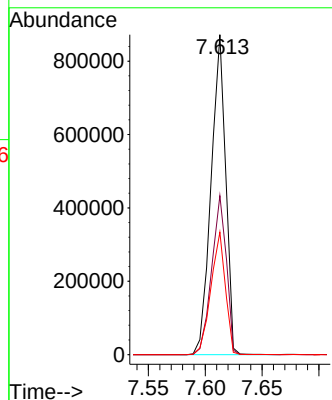
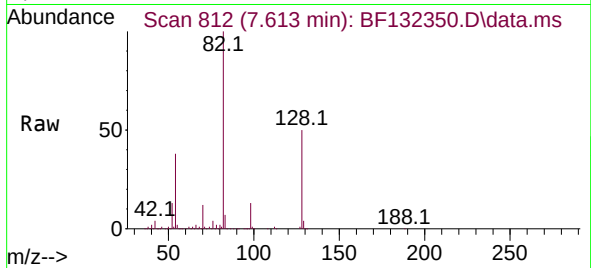




#23
Nitrobenzene-d5
Concen: 70.475 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

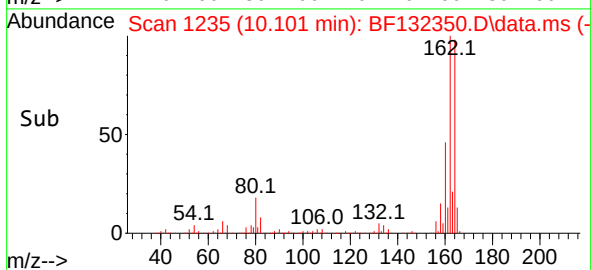
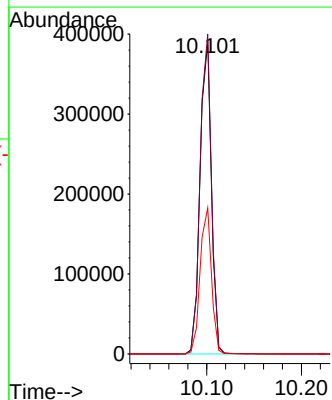
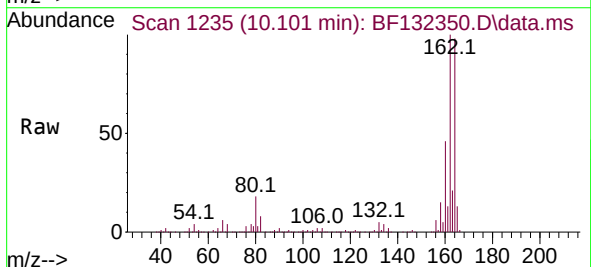
Instrument :
BNA_F
ClientSampleId :
A-1

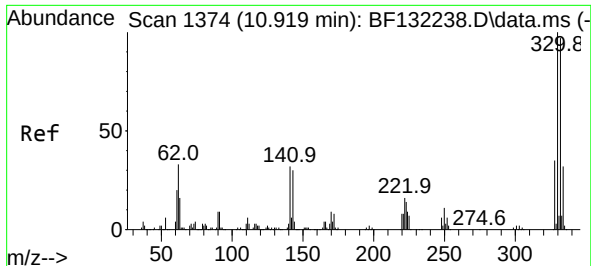
Tgt Ion: 82 Resp: 779906
Ion Ratio Lower Upper
82 100
128 49.7 37.0 55.4
54 38.3 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF132350.D
Acq: 07 Feb 2023 18:10

Tgt Ion: 164 Resp: 324194
Ion Ratio Lower Upper
164 100
162 102.5 82.0 123.0
160 46.7 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 137.555 ng

RT: 10.895 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132350.D

Acq: 07 Feb 2023 18:10

Instrument :

BNA_F

ClientSampleId :

A-1

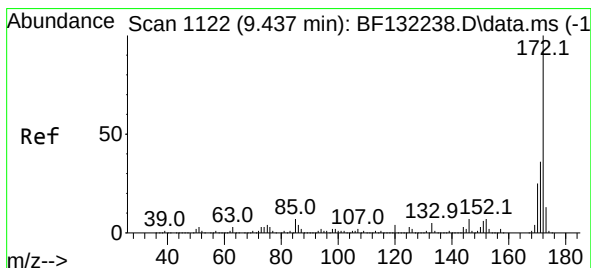
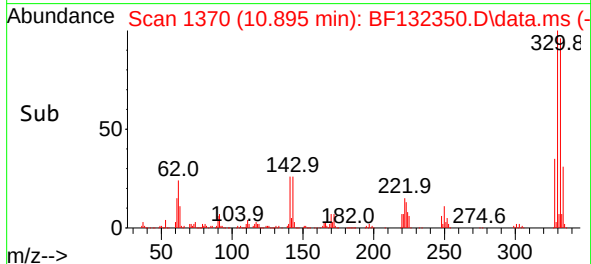
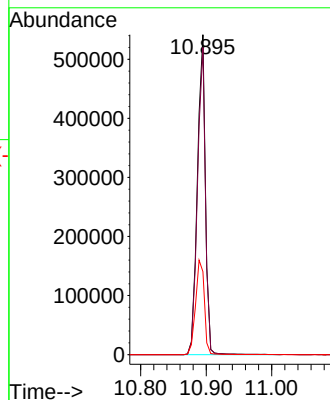
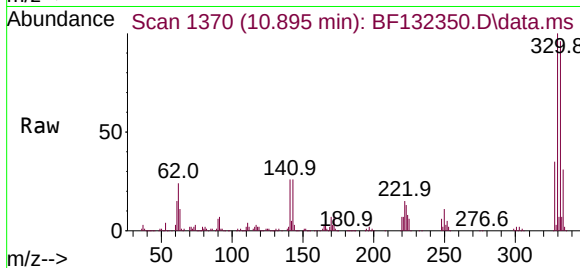
Tgt Ion:330 Resp: 458594

Ion Ratio Lower Upper

330 100

332 95.6 77.9 116.9

141 32.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 70.752 ng

RT: 9.413 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132350.D

Acq: 07 Feb 2023 18:10

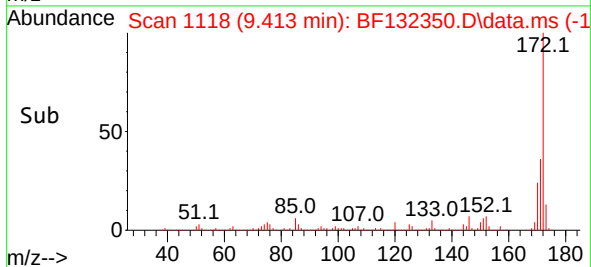
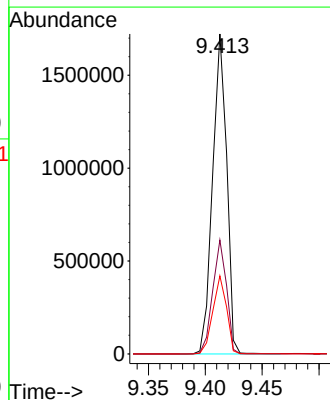
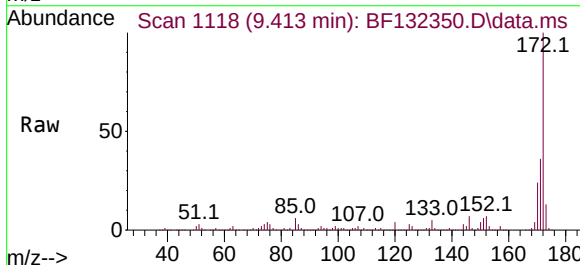
Tgt Ion:172 Resp: 1485333

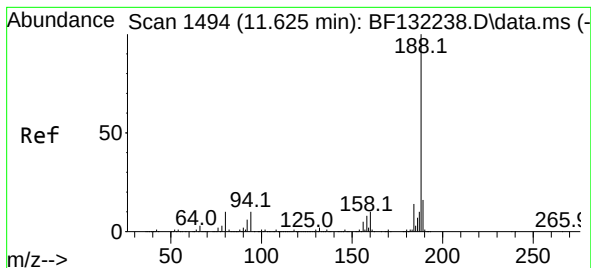
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 24.4 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.595 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF132350.D

Acq: 07 Feb 2023 18:10

Instrument :

BNA_F

ClientSampleId :

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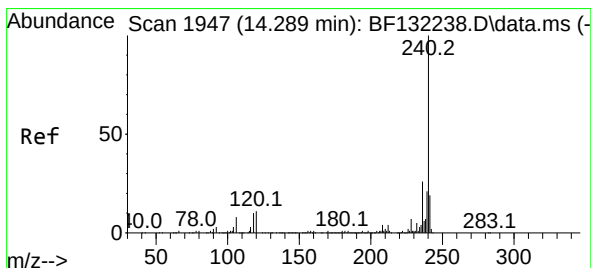
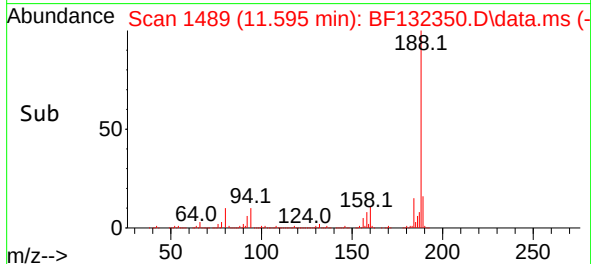
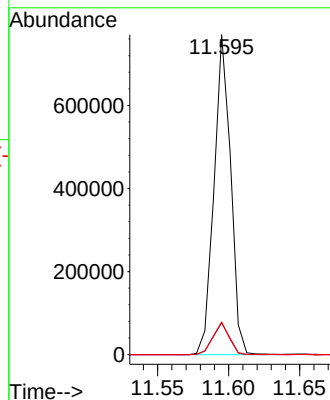
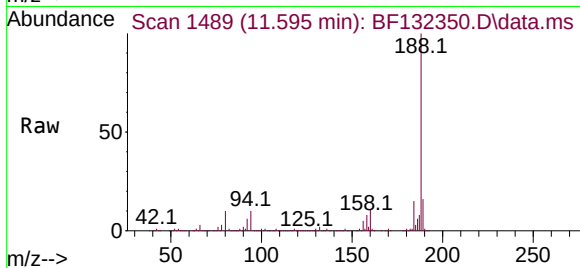
Tgt Ion:188 Resp: 626821

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

80 10.2 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.254 min Scan# 1941

Delta R.T. -0.012 min

Lab File: BF132350.D

Acq: 07 Feb 2023 18:10

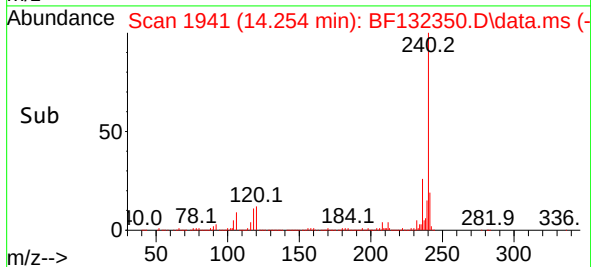
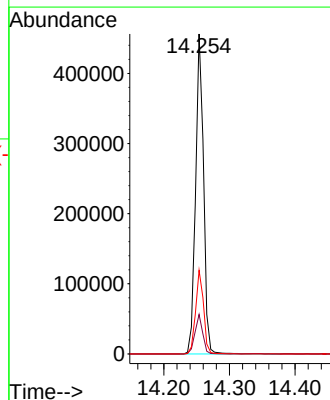
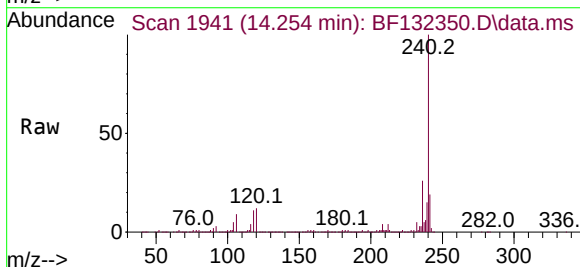
Tgt Ion:240 Resp: 384120

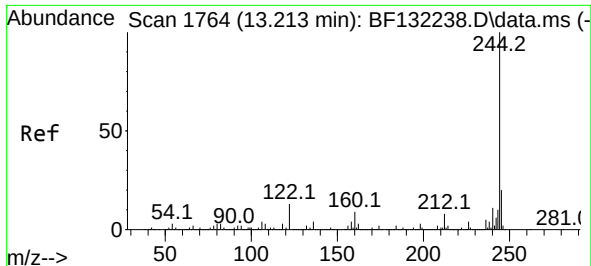
Ion Ratio Lower Upper

240 100

120 12.3 8.8 13.2

236 26.1 21.0 31.6

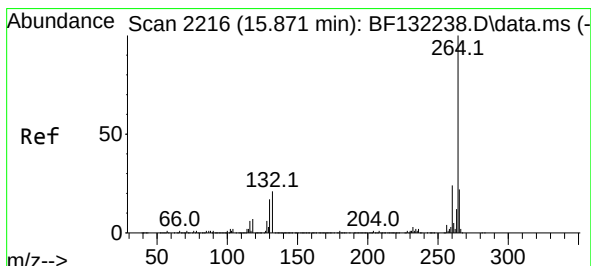
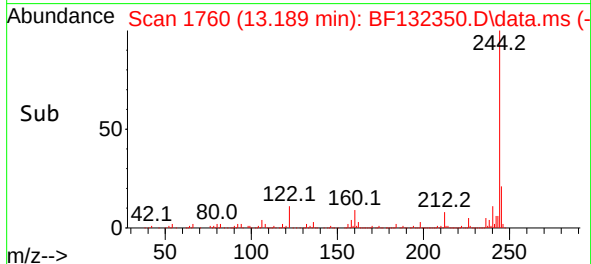
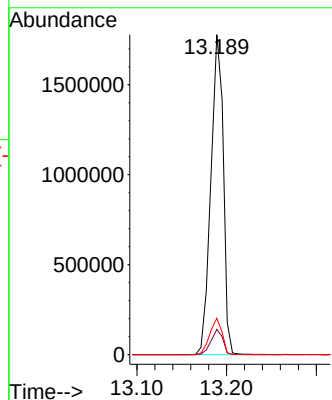
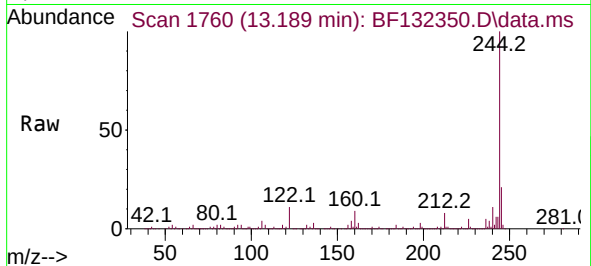




#79
 Terphenyl-d14
 Concen: 86.456 ng
 RT: 13.189 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132350.D
 Acq: 07 Feb 2023 18:10

Instrument :
 BNA_F
 ClientSampleId :
 A-1

Tgt Ion:244 Resp: 1716783
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 11.4 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.830 min Scan# 2209
 Delta R.T. -0.006 min
 Lab File: BF132350.D
 Acq: 07 Feb 2023 18:10

Tgt Ion:264 Resp: 354080
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 20.9 17.4 26.2

