

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135354.D
 Acq On : 20 Sep 2023 13:29
 Operator : CG\JU
 Sample : 04494-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Quant Time: Sep 20 13:50:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

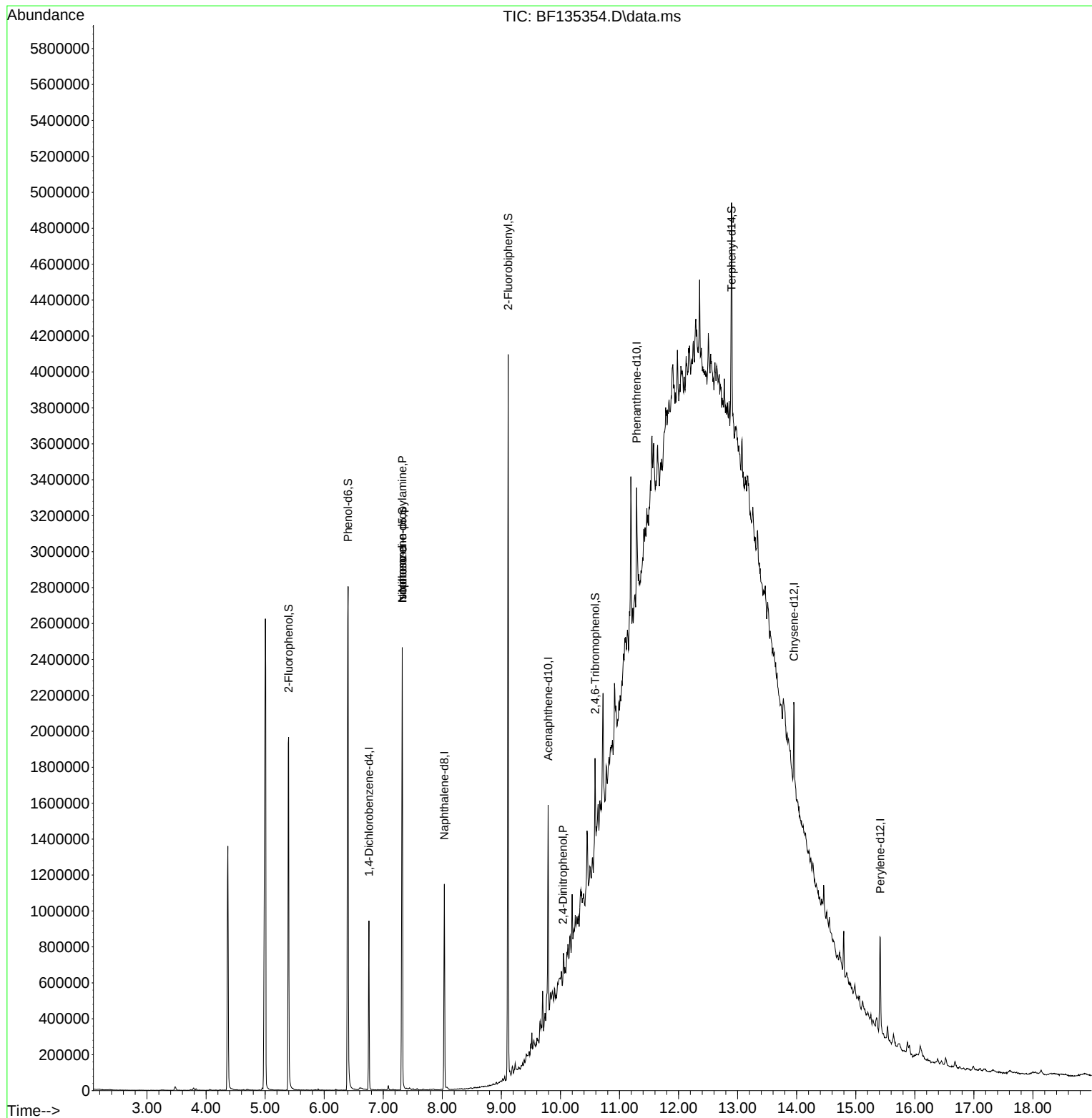
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	128687	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	488018	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	222636	20.000	ng	-0.01
64) Phenanthrene-d10	11.292	188	291023	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	179314	20.000	ng	0.01
86) Perylene-d12	15.415	264	264416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	552053	69.773	ng	0.01
7) Phenol-d6	6.404	99	1021585	101.541	ng	0.00
23) Nitrobenzene-d5	7.322	82	820642	91.359	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	77235	34.909	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1343489	91.043	ng	-0.01
79) Terphenyl-d14	12.898	244	718778	62.139	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	110153	17.676	ng	# 82
25) Isophorone	7.322	82	820628	49.752	ng	# 65
54) 2,4-Dinitrophenol	10.045	184	129	6.311	ng	# 1

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

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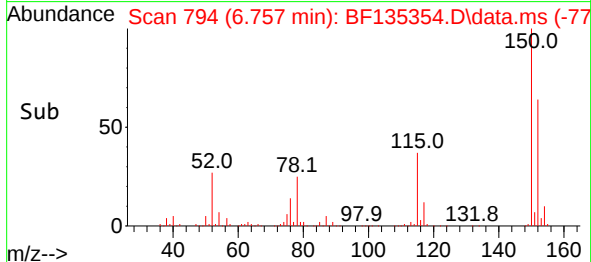
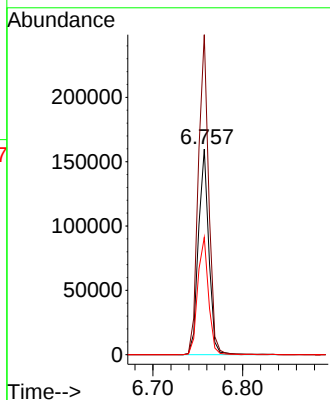
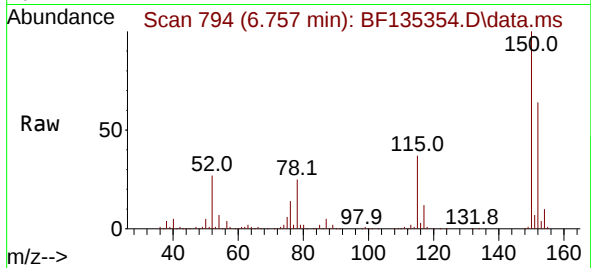




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135354.D
Acq: 20 Sep 2023 13:29

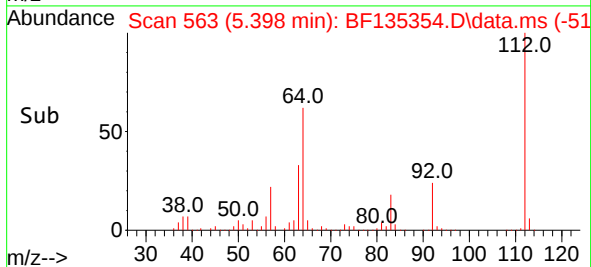
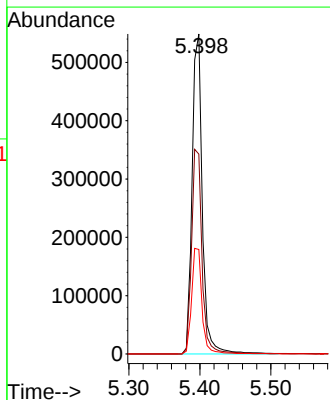
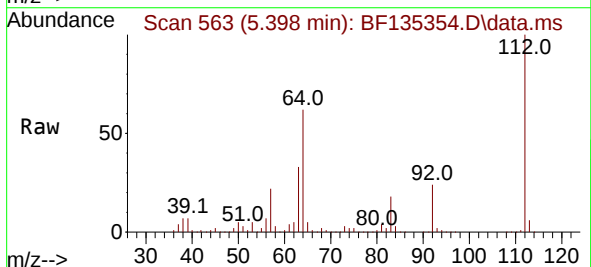
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

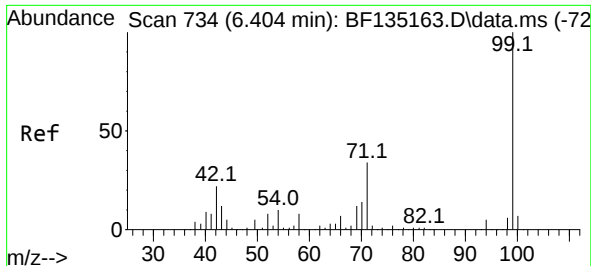
Tgt Ion:152 Resp: 128687
Ion Ratio Lower Upper
152 100
150 155.6 127.8 191.6
115 57.1 49.8 74.8



#5
2-Fluorophenol
Concen: 69.773 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135354.D
Acq: 20 Sep 2023 13:29

Tgt Ion:112 Resp: 552053
Ion Ratio Lower Upper
112 100
64 62.5 55.9 83.9
63 32.7 29.0 43.6

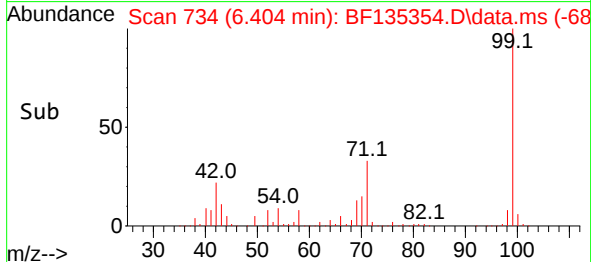
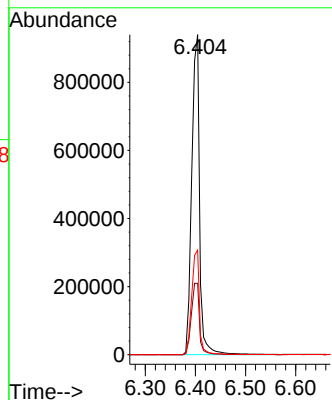
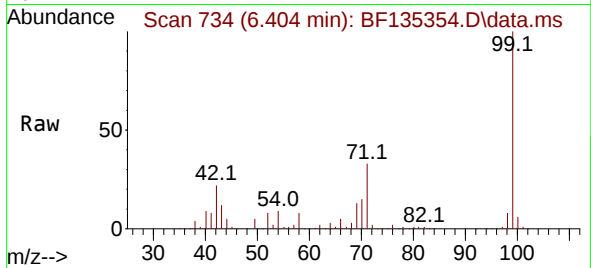




#7
Phenol-d6
Concen: 101.541 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135354.D
Acq: 20 Sep 2023 13:29

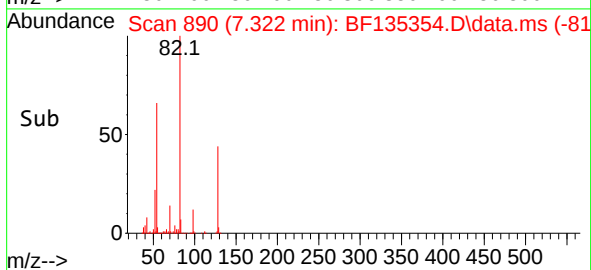
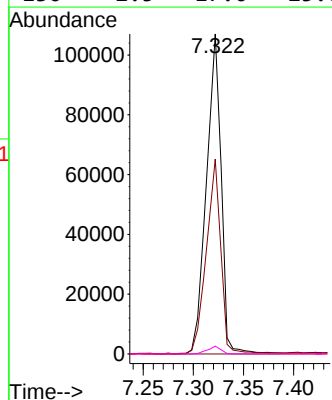
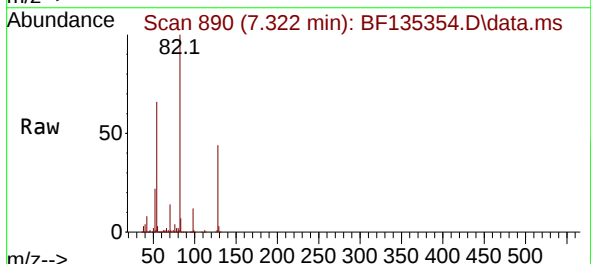
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

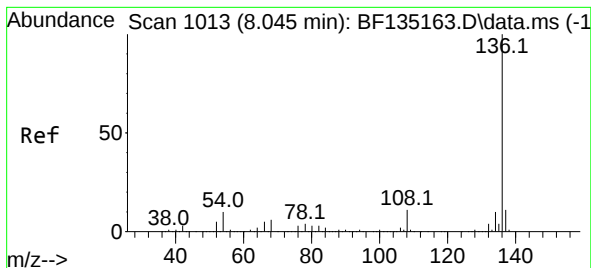
Tgt Ion: 99 Resp: 1021585
Ion Ratio Lower Upper
99 100
42 22.3 17.9 26.9
71 32.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.676 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135354.D
Acq: 20 Sep 2023 13:29

Tgt Ion: 70 Resp: 110153
Ion Ratio Lower Upper
70 100
42 60.9 55.4 83.0
101 0.0 7.7 11.5#
130 2.5 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135354.D

Acq: 20 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

Tgt Ion:136 Resp: 488018

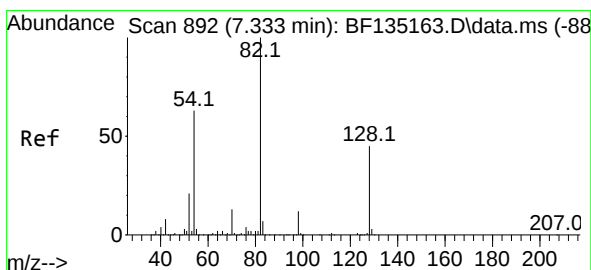
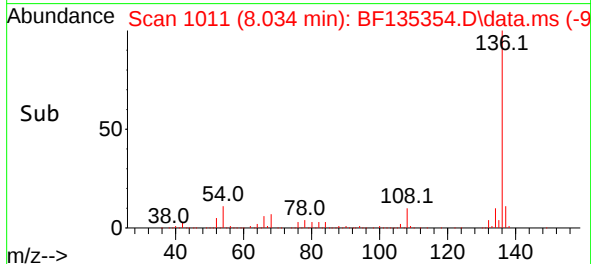
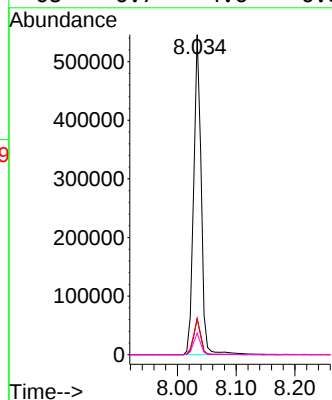
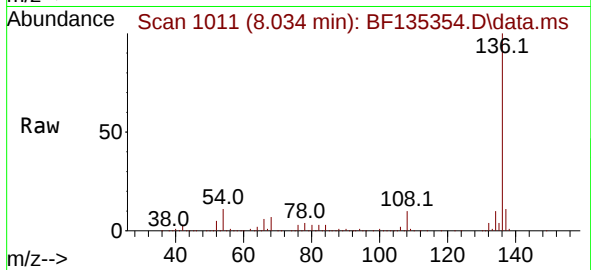
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 11.3 7.7 11.5

68 6.7 4.6 6.8



#23

Nitrobenzene-d5

Concen: 91.359 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF135354.D

Acq: 20 Sep 2023 13:29

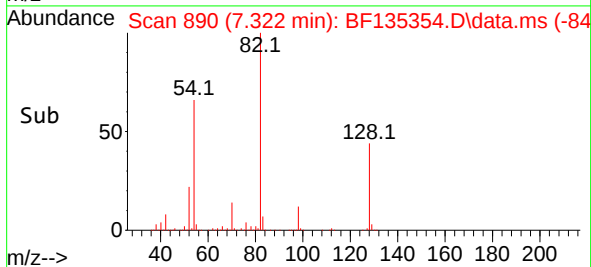
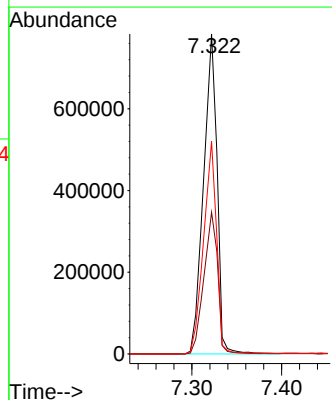
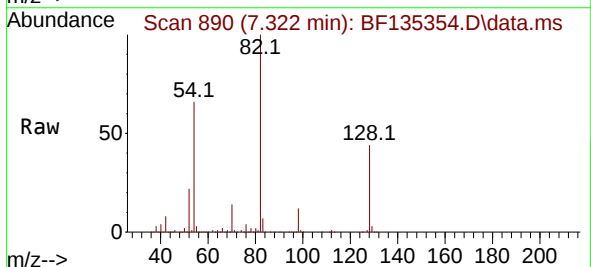
Tgt Ion: 82 Resp: 820642

Ion Ratio Lower Upper

82 100

128 44.3 35.8 53.6

54 66.4 50.6 76.0

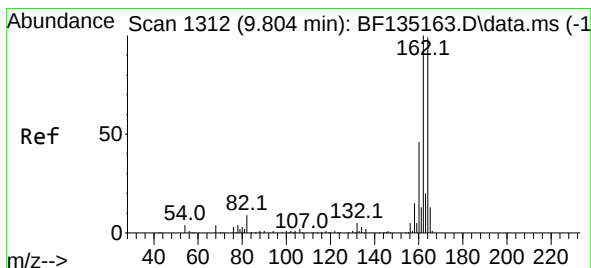
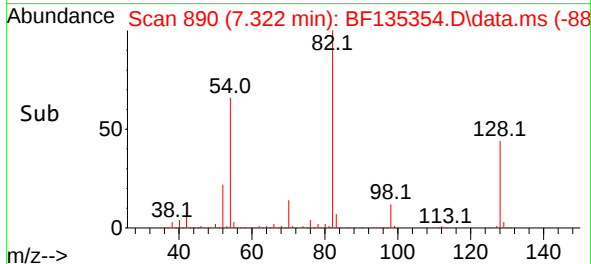
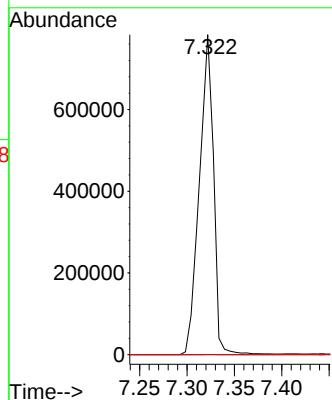
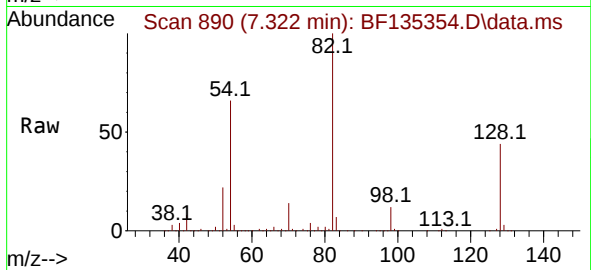




#25
Isophorone
Concen: 49.752 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135354.D
Acq: 20 Sep 2023 13:29

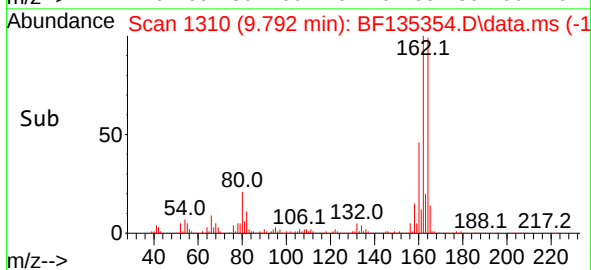
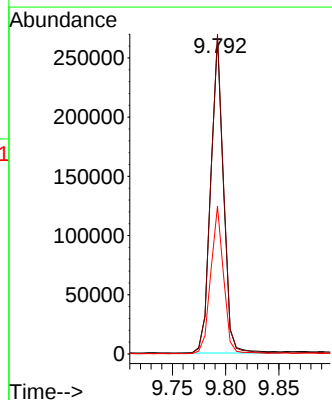
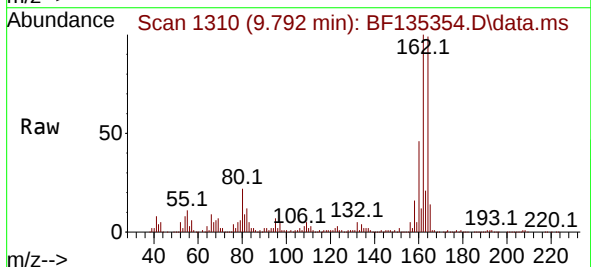
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

Tgt Ion: 82 Resp: 820628
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135354.D
Acq: 20 Sep 2023 13:29

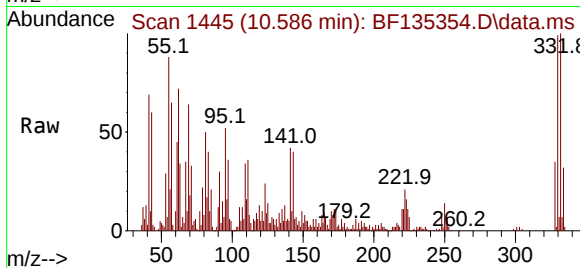
Tgt Ion:164 Resp: 222636
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 46.7 37.0 55.4



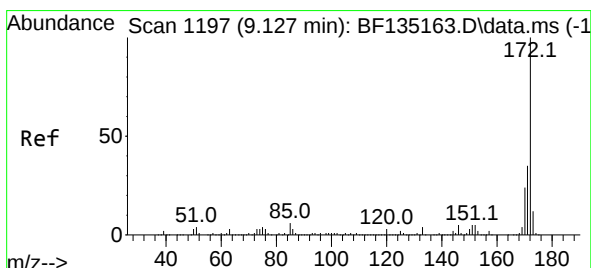
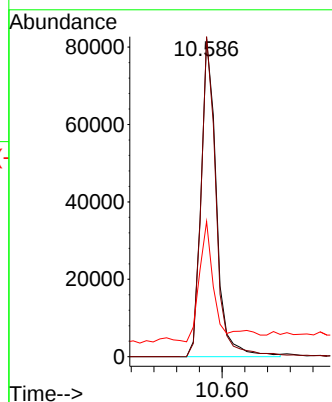
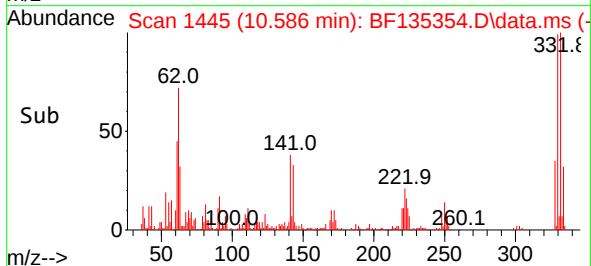


#42
2,4,6-Tribromophenol
Concen: 34.909 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135354.D
Acq: 20 Sep 2023 13:29

Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

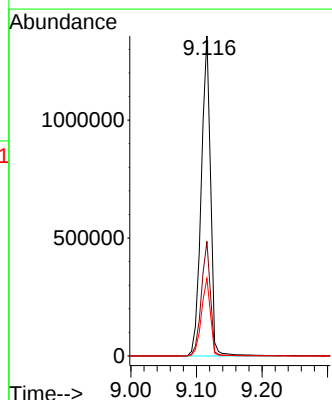
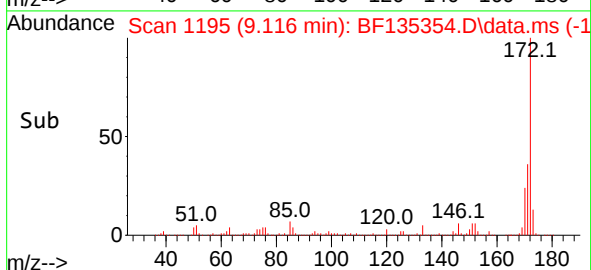
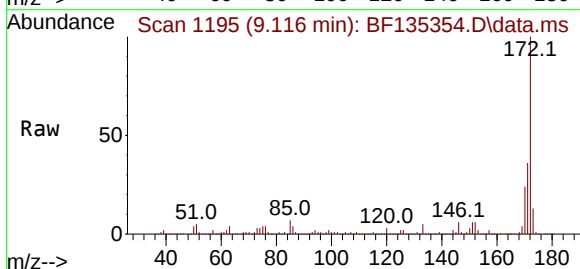


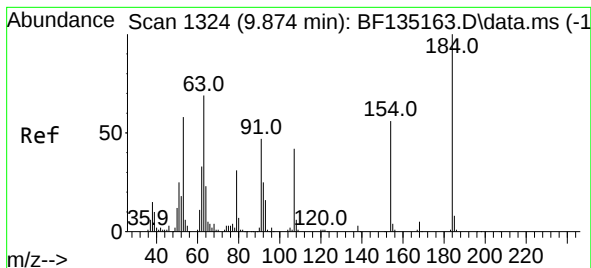
Tgt Ion:330 Resp: 77235
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 34.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 91.043 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135354.D
Acq: 20 Sep 2023 13:29

Tgt Ion:172 Resp: 1343489
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.3 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 6.311 ng

RT: 10.045 min Scan# 1

Delta R.T. 0.171 min

Lab File: BF135354.D

Acq: 20 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

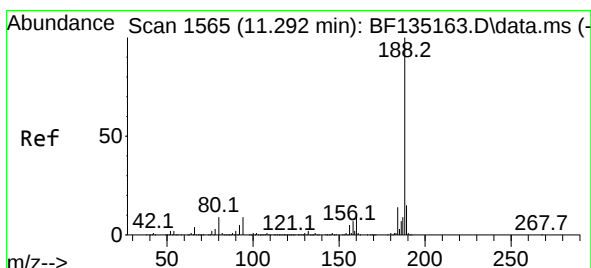
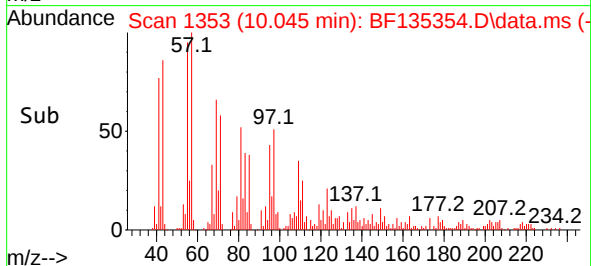
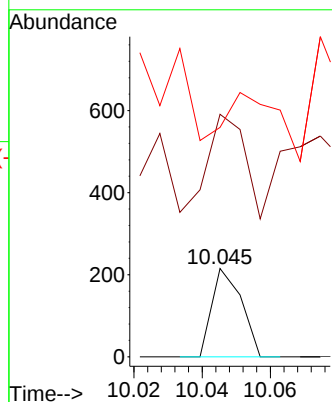
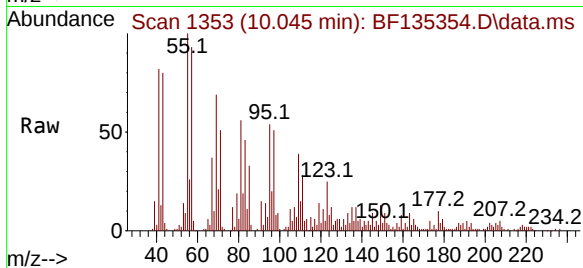
Tgt Ion:184 Resp: 129

Ion Ratio Lower Upper

184 100

63 274.9 55.1 82.7#

154 260.0 48.4 72.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135354.D

Acq: 20 Sep 2023 13:29

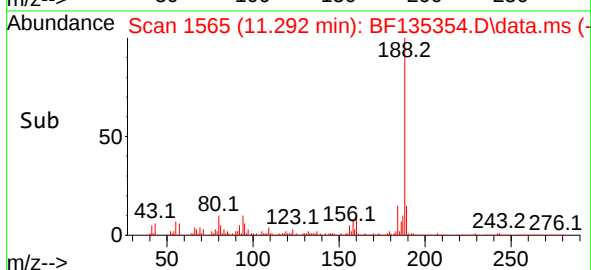
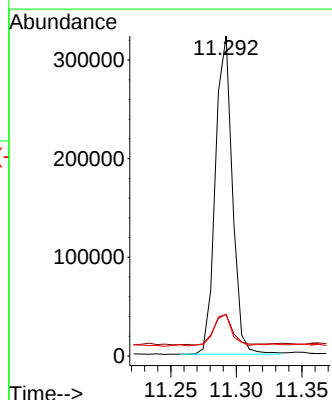
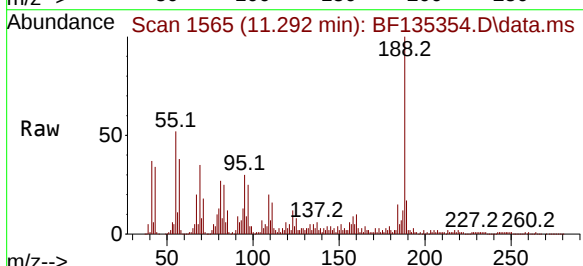
Tgt Ion:188 Resp: 291023

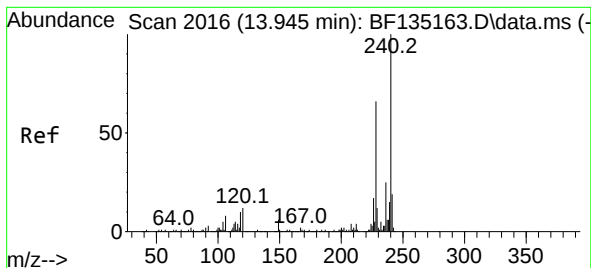
Ion Ratio Lower Upper

188 100

94 13.0 7.0 10.6#

80 12.9 7.5 11.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF135354.D

Acq: 20 Sep 2023 13:29

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

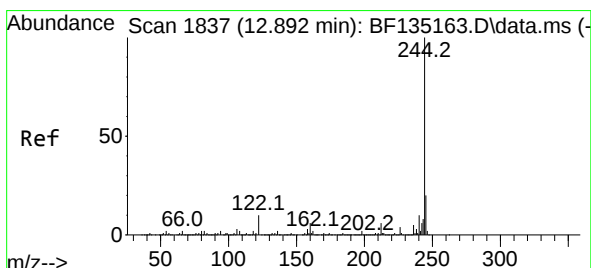
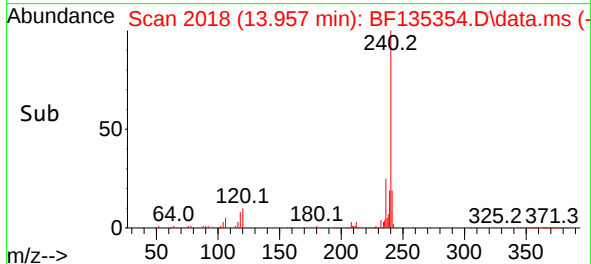
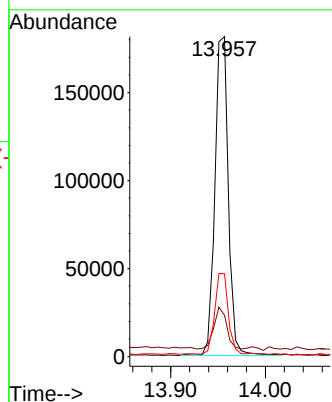
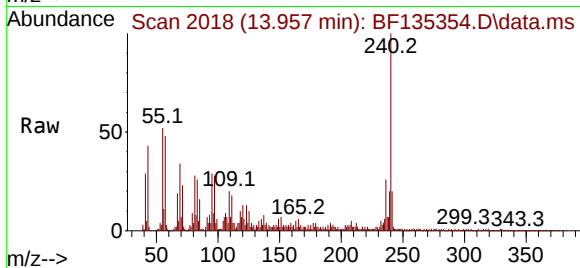
Tgt Ion:240 Resp: 179314

Ion Ratio Lower Upper

240 100

120 12.9 9.4 14.2

236 25.9 19.8 29.8



#79

Terphenyl-d14

Concen: 62.139 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF135354.D

Acq: 20 Sep 2023 13:29

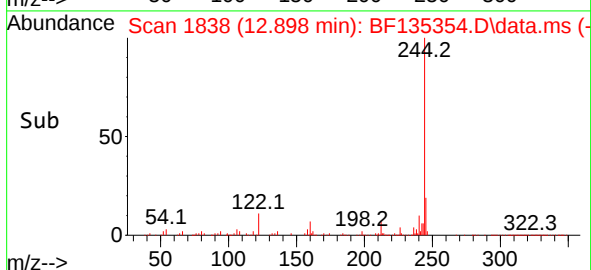
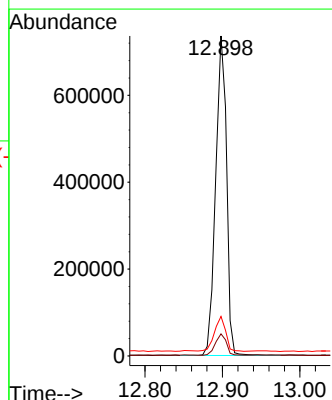
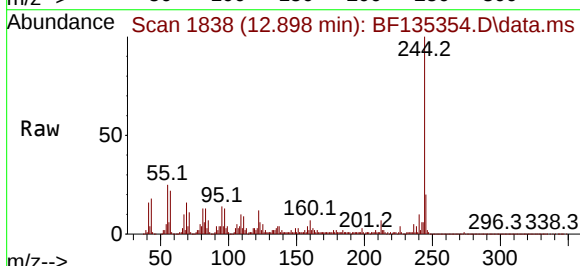
Tgt Ion:244 Resp: 718778

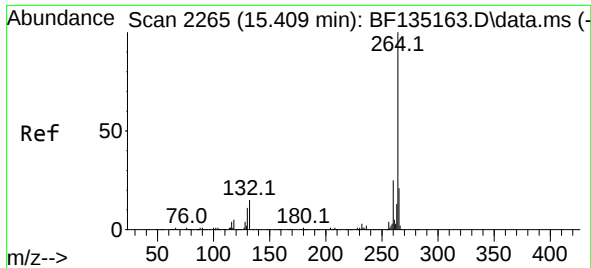
Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

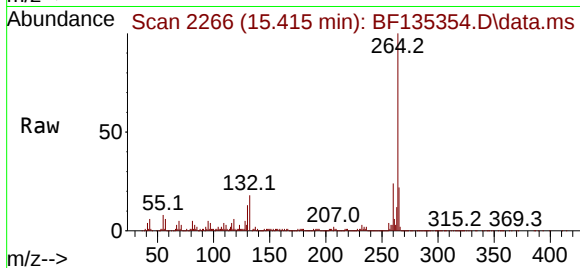
122 12.4 7.9 11.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135354.D
Acq: 20 Sep 2023 13:29

Instrument :
BNA_F
ClientSampleId :
CONC-WC-1



Tgt Ion:264 Resp: 264416

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	22.0	17.0	25.4

