

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138027.D
 Acq On : 23 May 2024 14:59
 Operator : CG\JU
 Sample : P2556-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: May 23 16:01:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

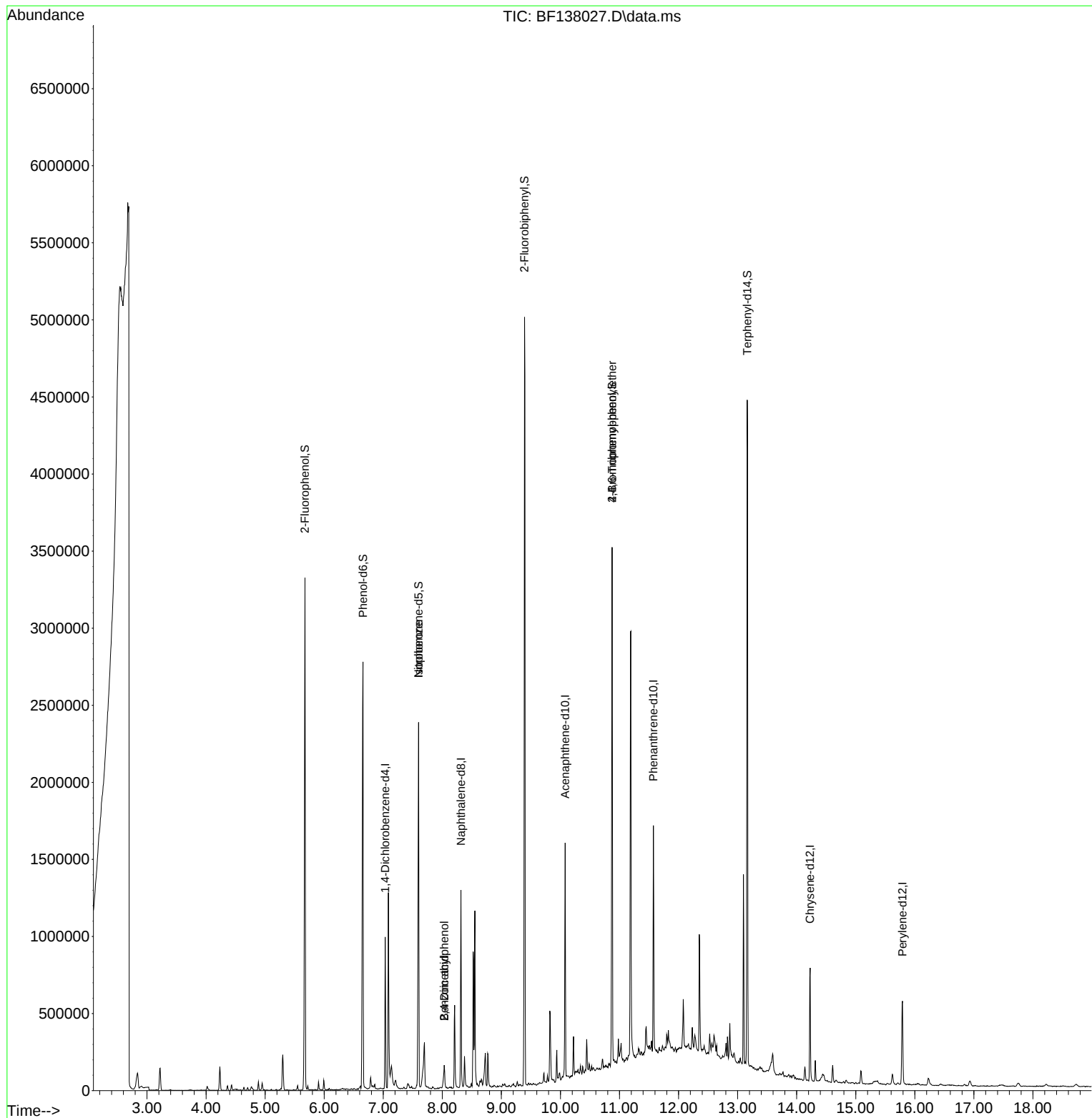
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	133851	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	518630	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	296854	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	493223	20.000	ng	0.00
76) Chrysene-d12	14.227	240	244616	20.000	ng	0.00
86) Perylene-d12	15.792	264	280789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	990855	125.745	ng	0.01
7) Phenol-d6	6.657	99	1151681	118.648	ng	0.00
23) Nitrobenzene-d5	7.598	82	789665	89.606	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	453150	151.394	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1709645	88.714	ng	0.00
79) Terphenyl-d14	13.163	244	1658234	99.908	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.598	82	789580	51.624	ng	# 64
27) 2,4-Dimethylphenol	8.033	122	39943	6.906	ng	# 6
32) Benzoic acid	8.033	122	39943	8.170	ng	97
67) 4-Bromophenyl-phenylether	10.874	248	28634	5.296	ng	# 1

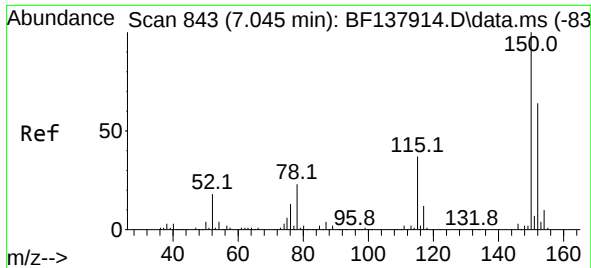
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138027.D
Acq On : 23 May 2024 14:59
Operator : CG\JU
Sample : P2556-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Time: May 23 16:01:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

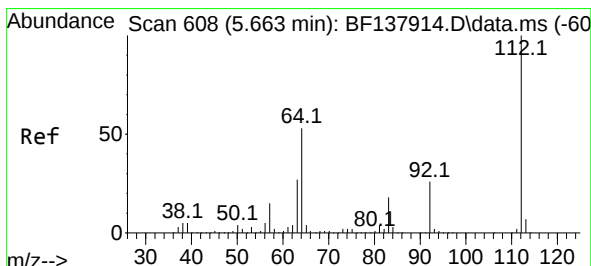
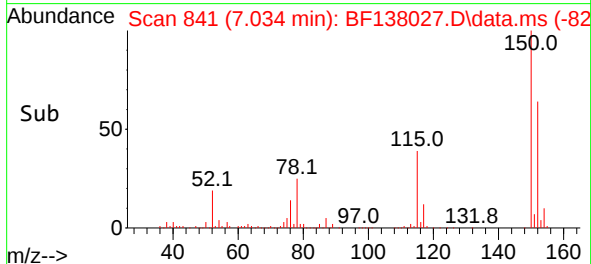
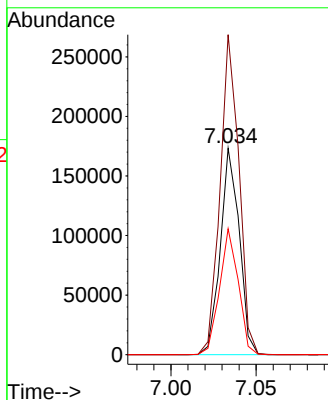
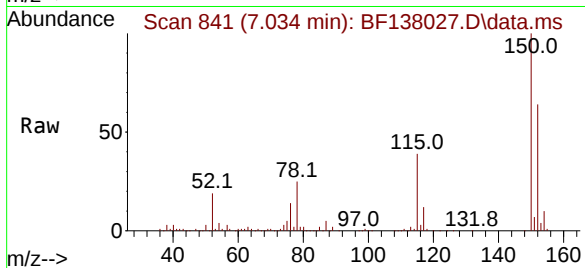




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138027.D
Acq: 23 May 2024 14:59

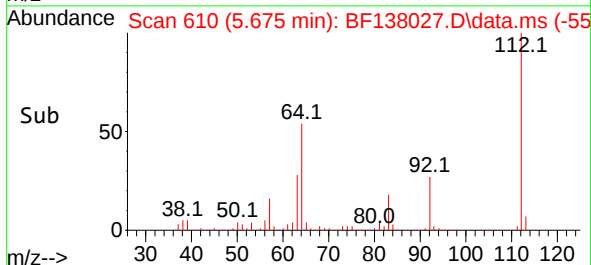
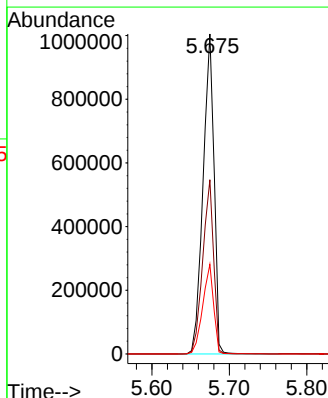
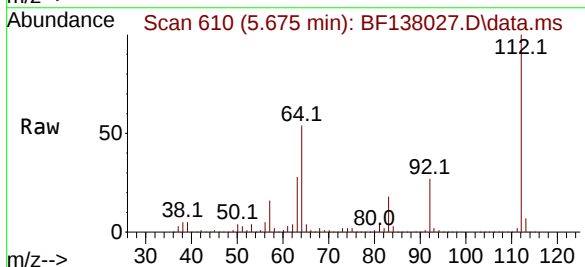
Instrument :
BNA_F
ClientSampleId :
COMP-1

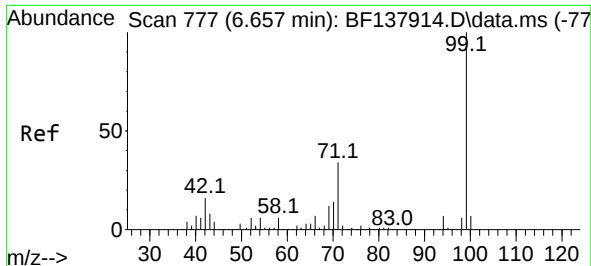
Tgt Ion:152 Resp: 133851
Ion Ratio Lower Upper
152 100
150 155.0 125.7 188.5
115 61.0 47.0 70.6



#5
2-Fluorophenol
Concen: 125.745 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138027.D
Acq: 23 May 2024 14:59

Tgt Ion:112 Resp: 990855
Ion Ratio Lower Upper
112 100
64 54.4 42.4 63.6
63 28.0 21.4 32.2

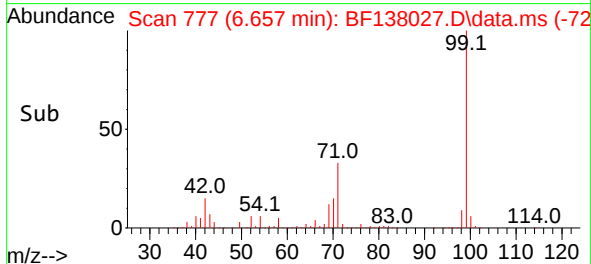
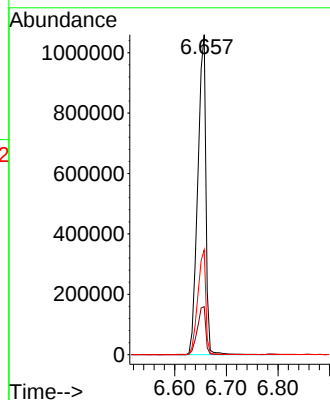
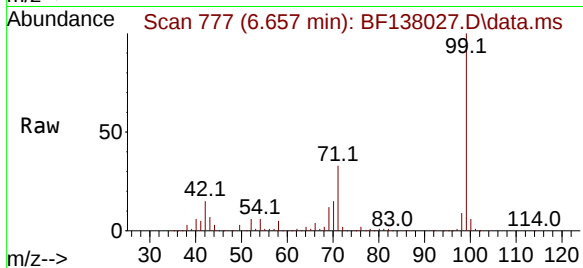




#7
Phenol-d6
Concen: 118.648 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138027.D
Acq: 23 May 2024 14:59

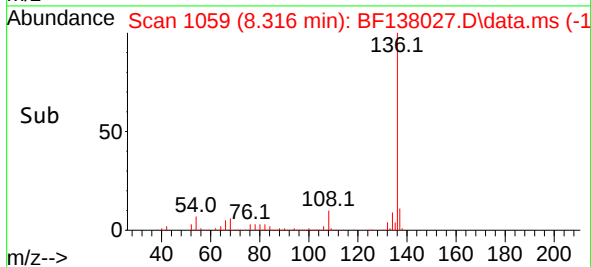
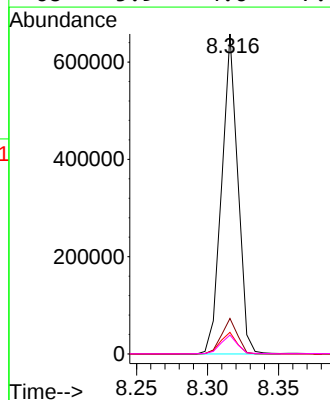
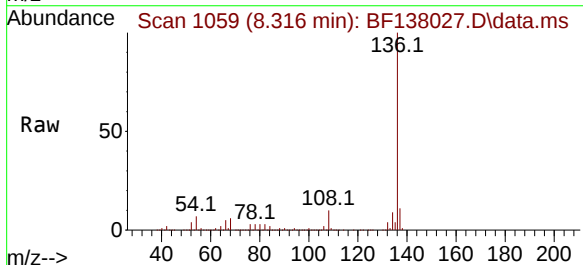
Instrument :
BNA_F
ClientSampleId :
COMP-1

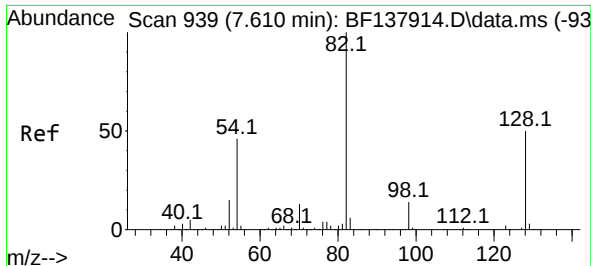
Tgt Ion: 99 Resp: 1151681
Ion Ratio Lower Upper
99 100
42 15.0 12.6 18.8
71 32.8 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138027.D
Acq: 23 May 2024 14:59

Tgt Ion: 136 Resp: 518630
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.7 5.4 8.2
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 89.606 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138027.D

Acq: 23 May 2024 14:59

Instrument :

BNA_F

ClientSampleId :

COMP-1

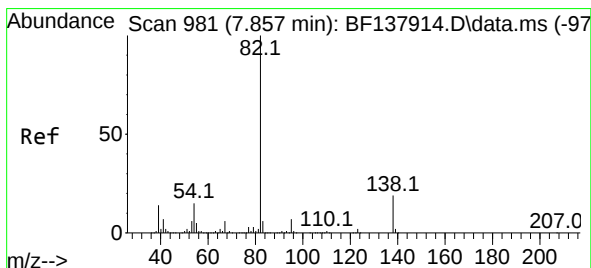
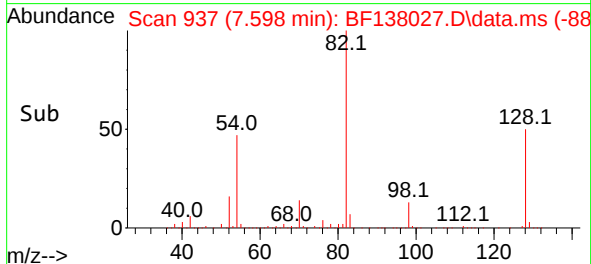
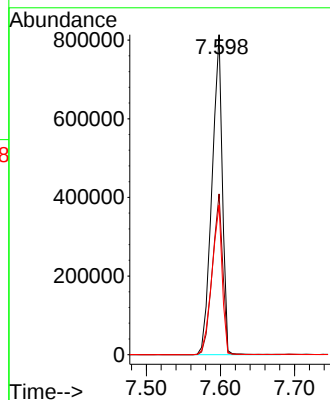
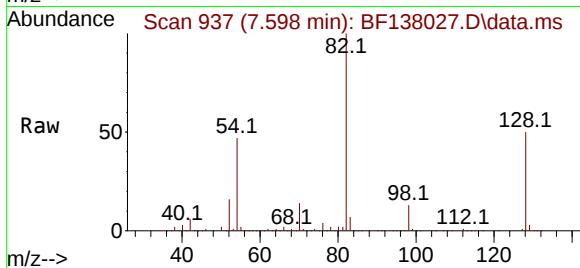
Tgt Ion: 82 Resp: 789665

Ion Ratio Lower Upper

82 100

128 50.3 40.3 60.5

54 46.8 36.8 55.2



#25

Isophorone

Concen: 51.624 ng

RT: 7.598 min Scan# 937

Delta R.T. -0.259 min

Lab File: BF138027.D

Acq: 23 May 2024 14:59

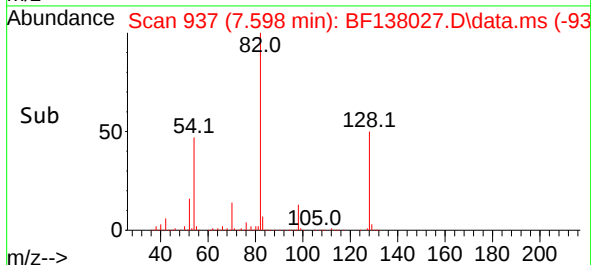
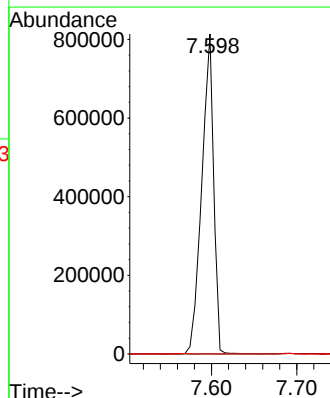
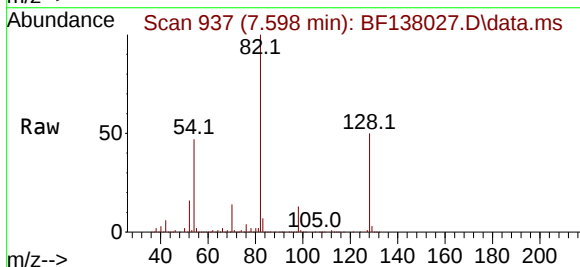
Tgt Ion: 82 Resp: 789580

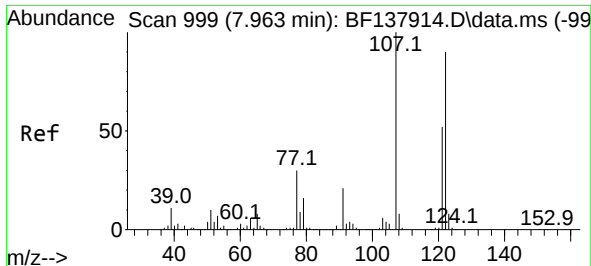
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 15.0 22.4#





#27

2,4-Dimethylphenol

Concen: 6.906 ng

RT: 8.033 min Scan# 1011

Delta R.T. 0.071 min

Lab File: BF138027.D

Acq: 23 May 2024 14:59

Instrument :

BNA_F

ClientSampleId :

COMP-1

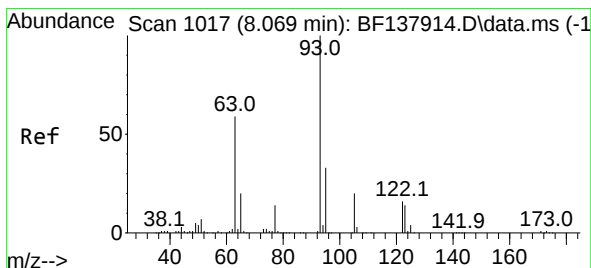
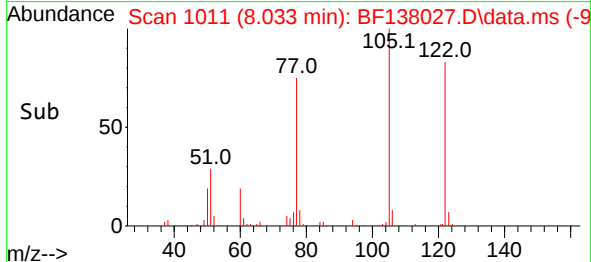
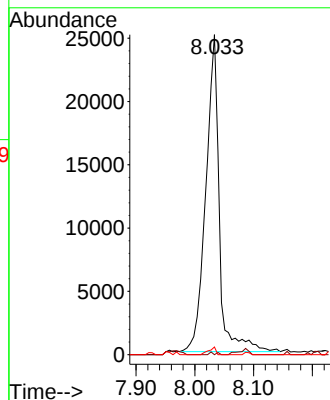
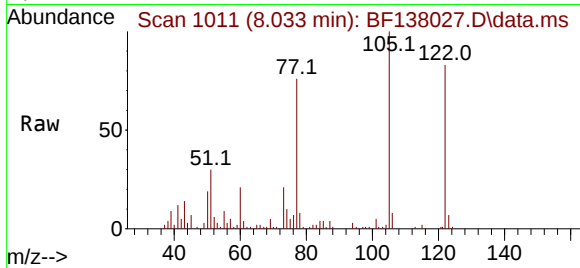
Tgt Ion:122 Resp: 39943

Ion Ratio Lower Upper

122 100

107 0.0 89.0 133.4#

121 2.4 46.2 69.4#



#32

Benzoic acid

Concen: 8.170 ng

RT: 8.033 min Scan# 1011

Delta R.T. -0.036 min

Lab File: BF138027.D

Acq: 23 May 2024 14:59

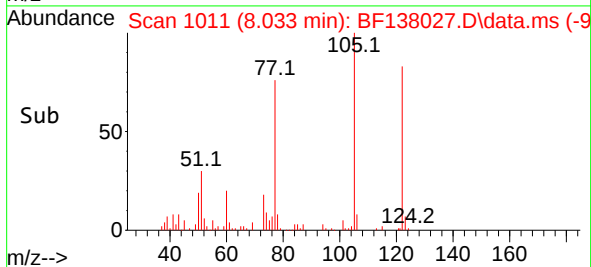
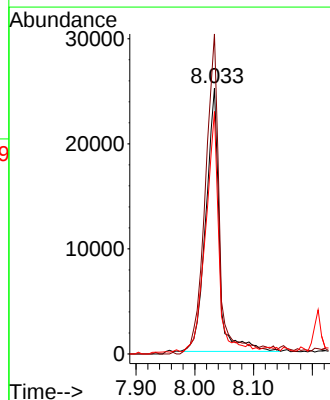
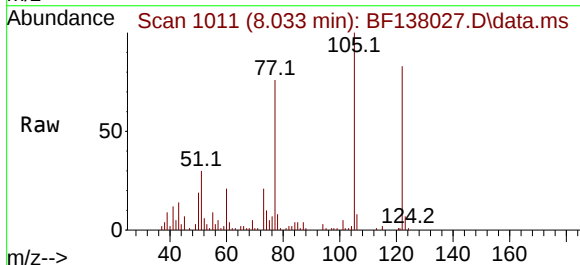
Tgt Ion:122 Resp: 39943

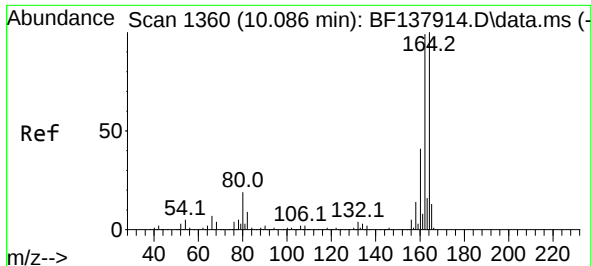
Ion Ratio Lower Upper

122 100

105 120.5 103.8 143.8

77 91.2 68.4 108.4

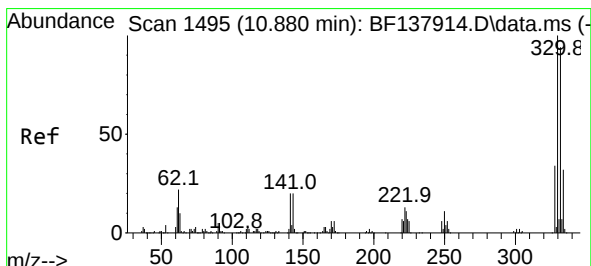
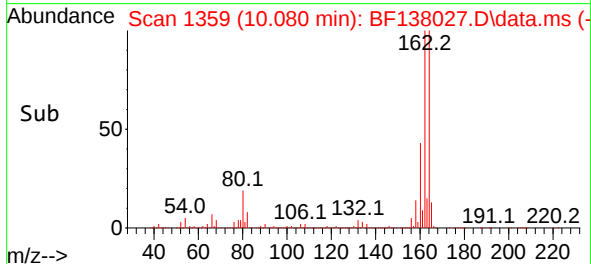
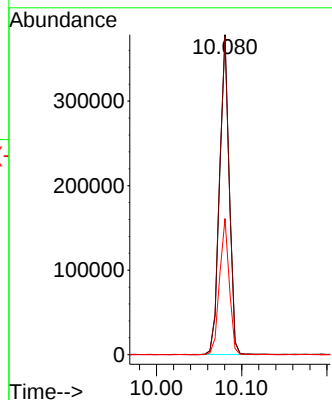
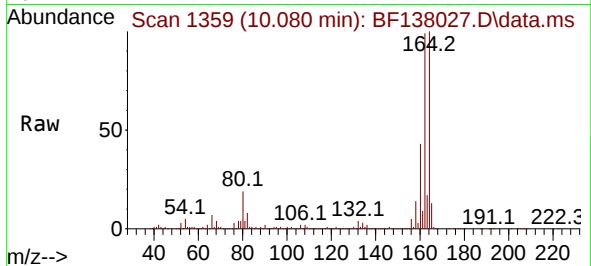




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138027.D
Acq: 23 May 2024 14:59

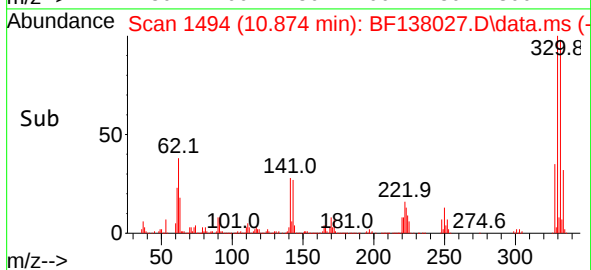
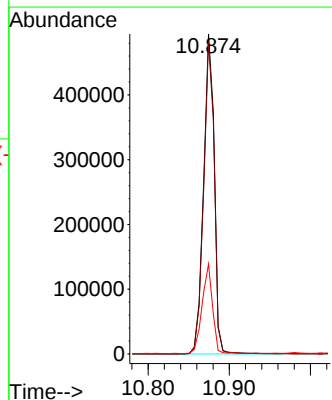
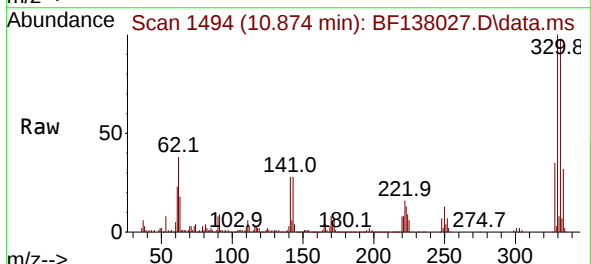
Instrument :
BNA_F
ClientSampleId :
COMP-1

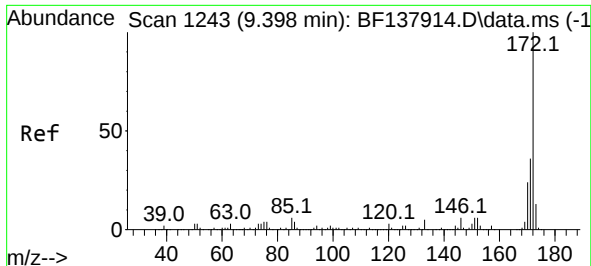
Tgt Ion:164 Resp: 296854
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.2
160 42.6 33.1 49.7



#42
2,4,6-Tribromophenol
Concen: 151.394 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138027.D
Acq: 23 May 2024 14:59

Tgt Ion:330 Resp: 453150
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.8
141 27.2 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 88.714 ng

RT: 9.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138027.D

Acq: 23 May 2024 14:59

Instrument :

BNA_F

ClientSampleId :

COMP-1

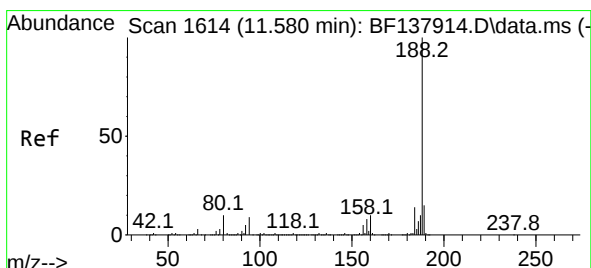
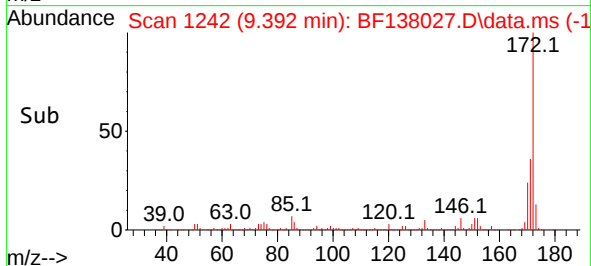
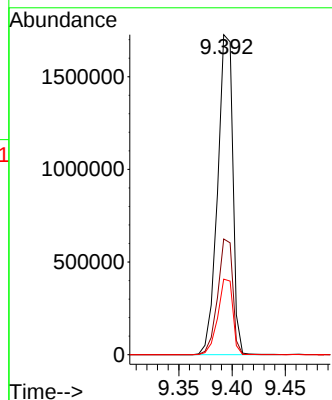
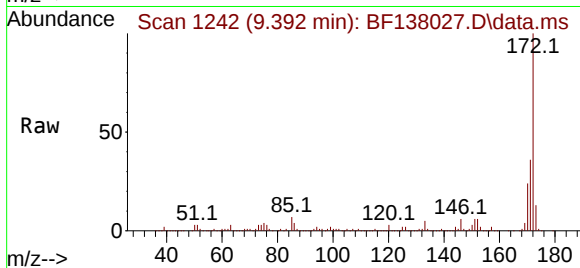
Tgt Ion:172 Resp: 1709645

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 23.6 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1613

Delta R.T. -0.006 min

Lab File: BF138027.D

Acq: 23 May 2024 14:59

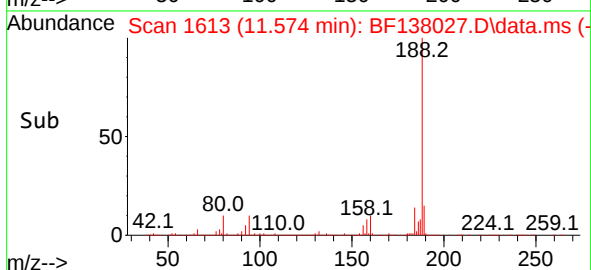
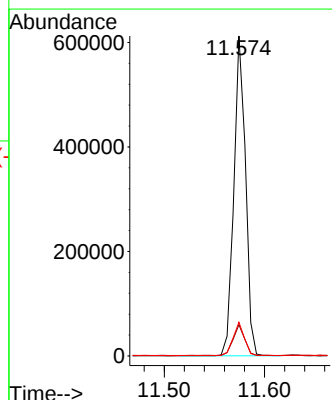
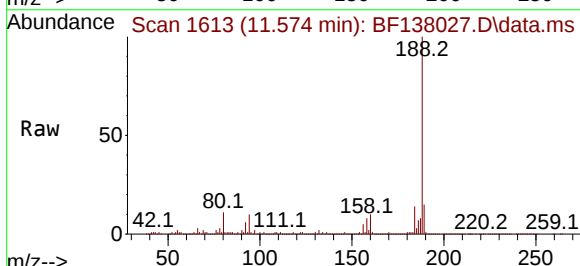
Tgt Ion:188 Resp: 493223

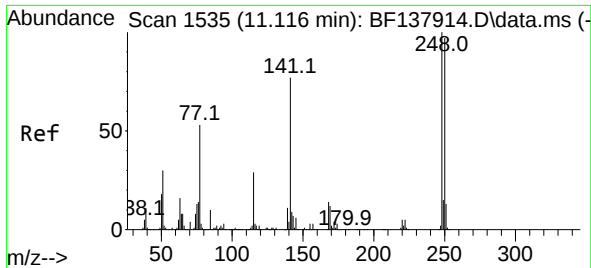
Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.5 7.7 11.5

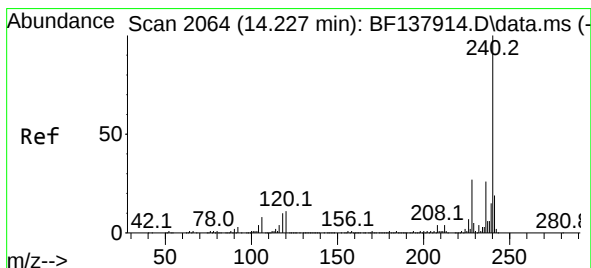
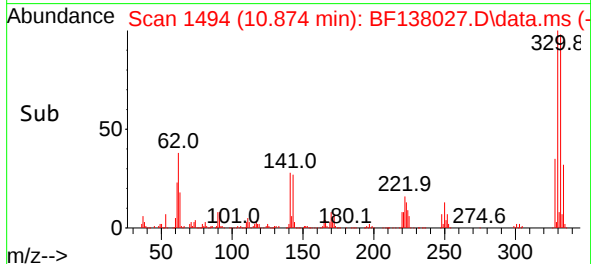
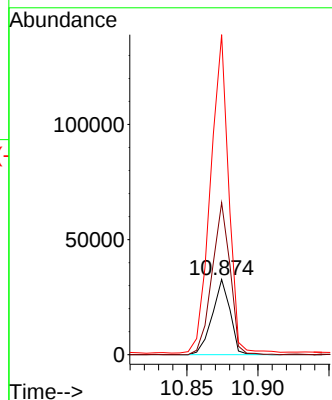
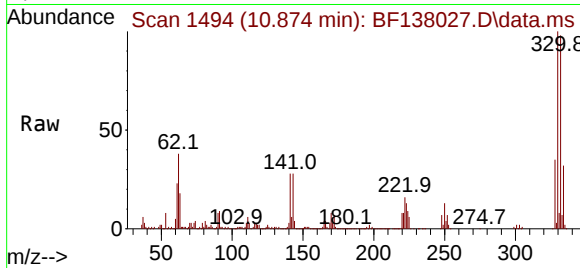




#67
4-Bromophenyl-phenylether
Concen: 5.296 ng
RT: 10.874 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF138027.D
Acq: 23 May 2024 14:59

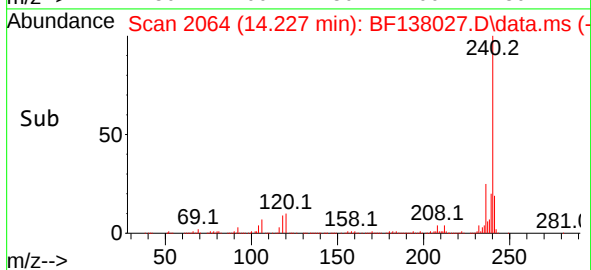
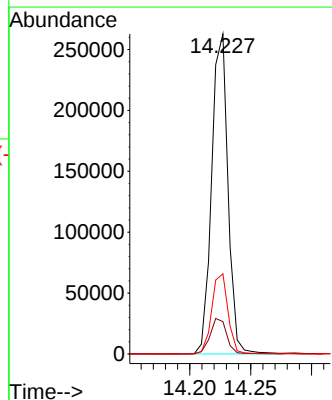
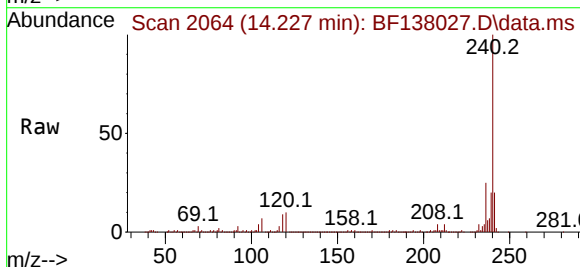
Instrument :
BNA_F
ClientSampleId :
COMP-1

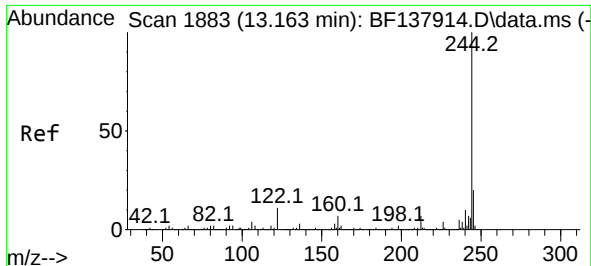
Tgt Ion:248 Resp: 28634
Ion Ratio Lower Upper
248 100
250 202.3 77.6 116.4#
141 425.7 61.4 92.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BF138027.D
Acq: 23 May 2024 14:59

Tgt Ion:240 Resp: 244616
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.1 21.0 31.4

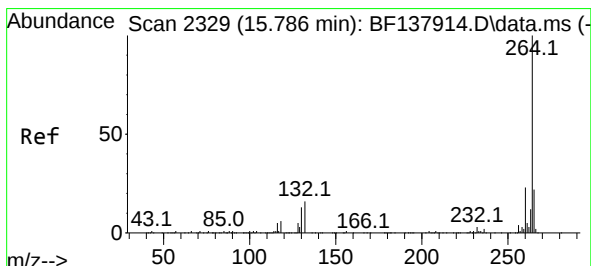
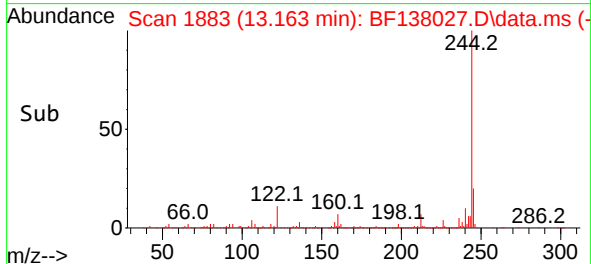
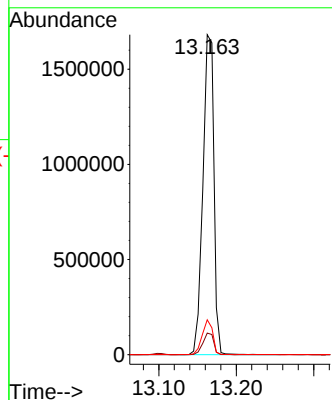
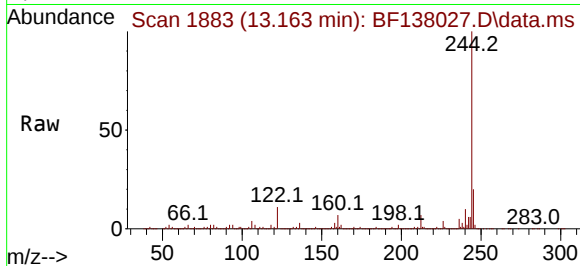




#79
 Terphenyl-d14
 Concen: 99.908 ng
 RT: 13.163 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF138027.D
 Acq: 23 May 2024 14:59

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion:244 Resp: 1658234
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.792 min Scan# 2330
 Delta R.T. 0.006 min
 Lab File: BF138027.D
 Acq: 23 May 2024 14:59

Tgt Ion:264 Resp: 280789
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 20.8 17.6 26.4

