

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138105.D
 Acq On : 03 Jun 2024 14:27
 Operator : CG\JU
 Sample : P2662-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPR

Quant Time: Jun 03 15:41:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:21:05 2024
 Response via : Initial Calibration

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

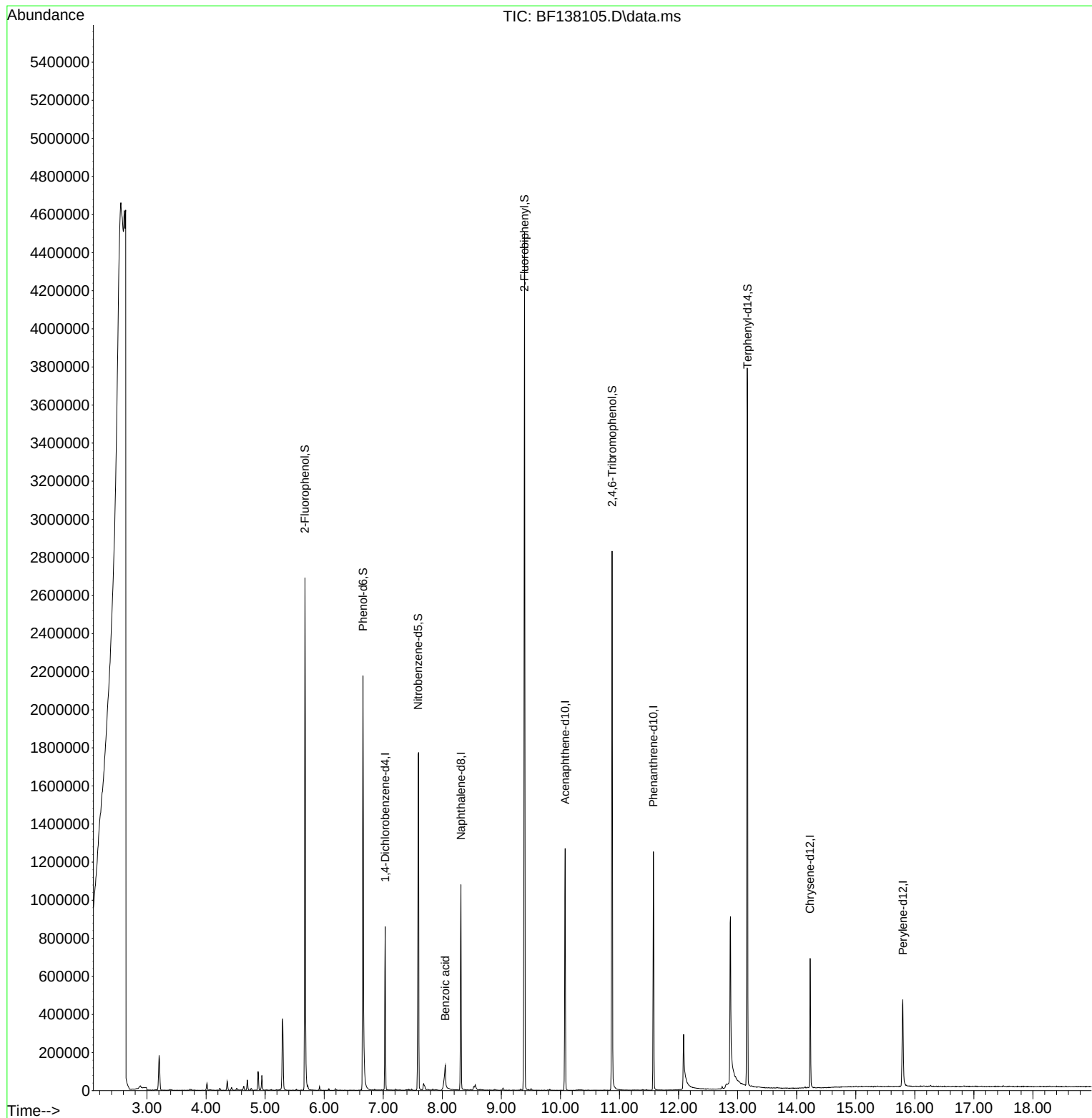
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	123079	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	468058	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	269071	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	465246	20.000	ng	0.00
76) Chrysene-d12	14.227	240	230405	20.000	ng	#-0.01
86) Perylene-d12	15.798	264	249257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	792332	115.081	ng	0.01
7) Phenol-d6	6.657	99	890257	100.412	ng	0.00
23) Nitrobenzene-d5	7.592	82	656034	81.673	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	390144	124.306	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1452323	80.008	ng	0.00
79) Terphenyl-d14	13.168	244	1458054	91.537	ng	0.00
Target Compounds						
32) Benzoic acid	8.051	122	62602	20.773	ng	Qvalue 94

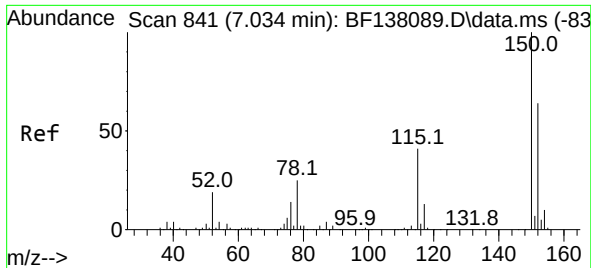
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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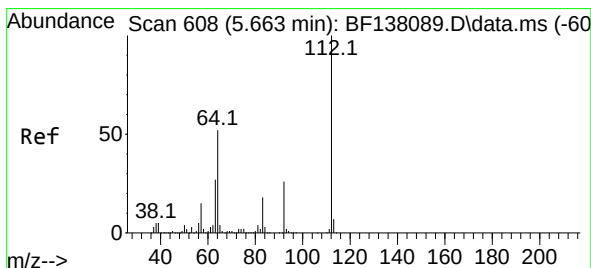
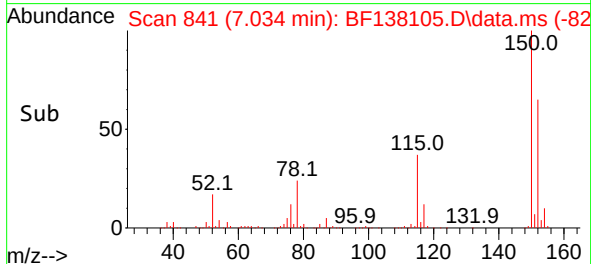
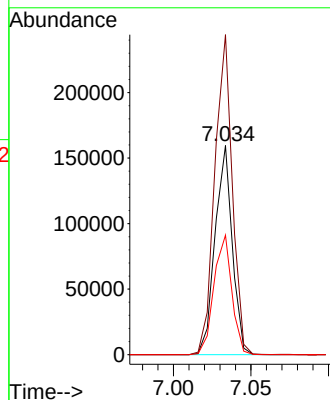
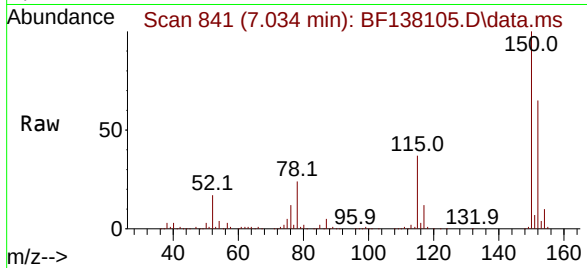




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

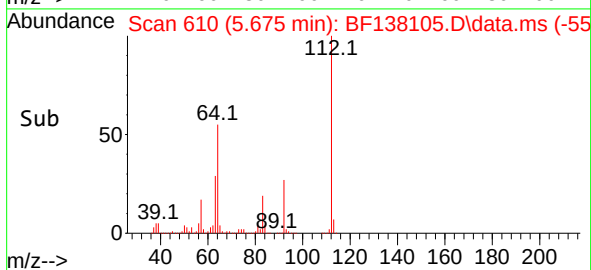
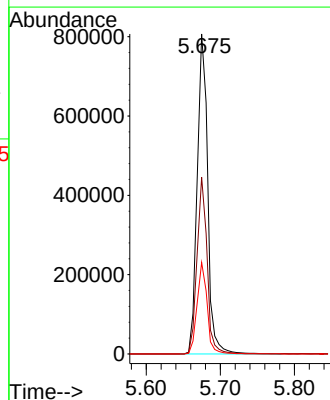
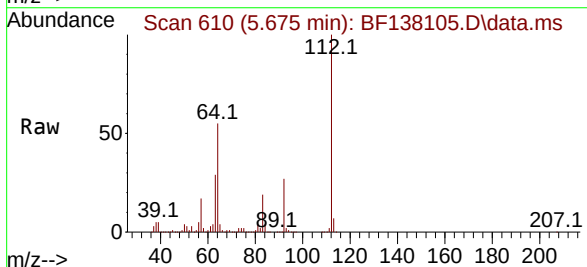
Instrument :
BNA_F
ClientSampleId :
WCS-TPR

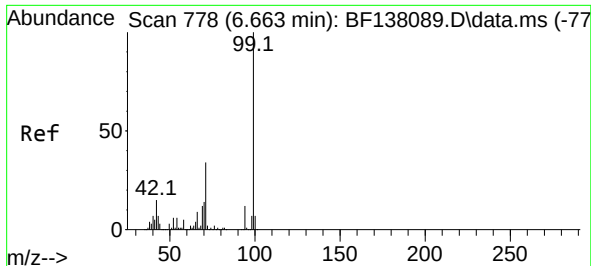
Tgt Ion:152 Resp: 123079
Ion Ratio Lower Upper
152 100
150 153.0 125.4 188.0
115 57.1 51.6 77.4



#5
2-Fluorophenol
Concen: 115.081 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

Tgt Ion:112 Resp: 792332
Ion Ratio Lower Upper
112 100
64 55.3 41.4 62.2
63 28.6 21.5 32.3



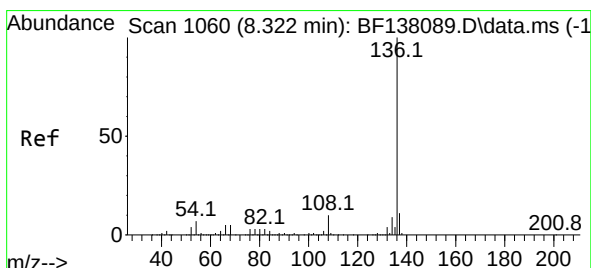
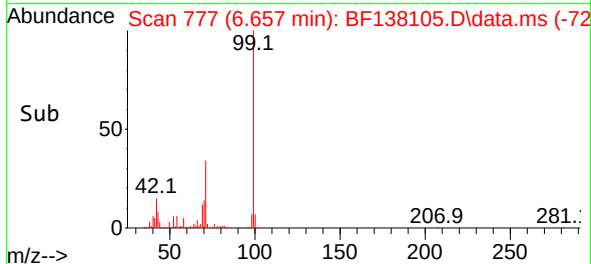
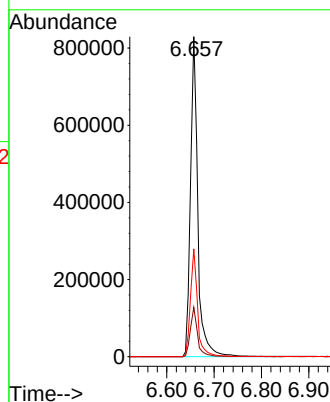
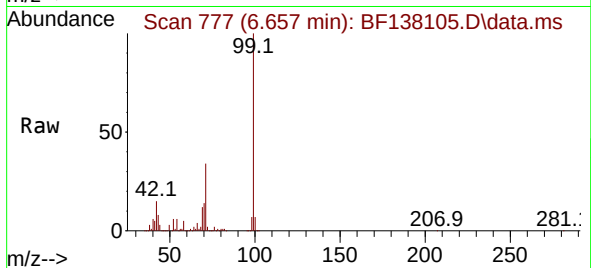


#7
Phenol-d6
Concen: 100.412 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

Instrument :
BNA_F
ClientSampleId :
WCS-TPR

Tgt Ion: 99 Resp: 890257

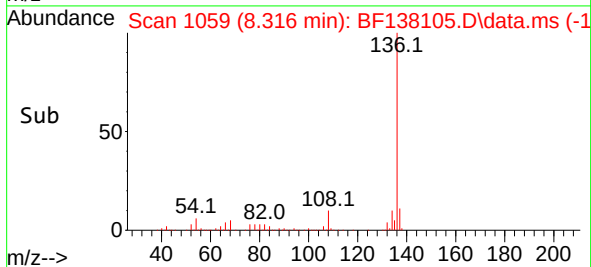
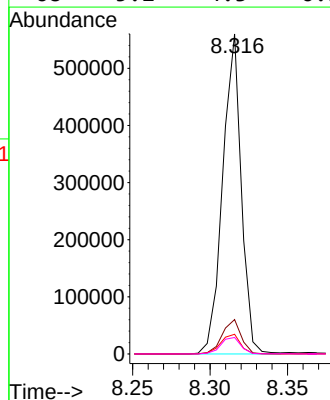
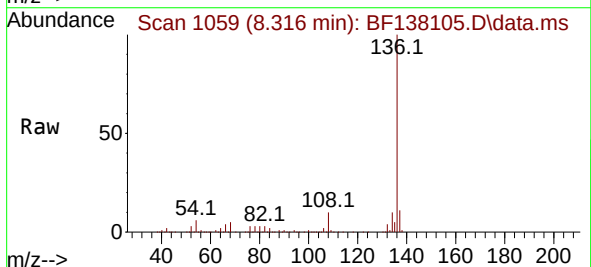
Ion	Ratio	Lower	Upper
99	100		
42	15.4	11.9	17.9
71	33.7	26.8	40.2

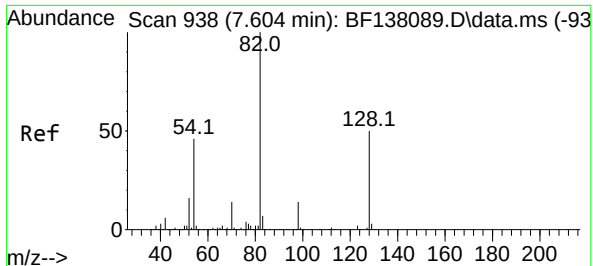


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

Tgt Ion: 136 Resp: 468058

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.2	5.4	8.0
68	5.2	4.3	6.5





#23

Nitrobenzene-d5

Concen: 81.673 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

Instrument :

BNA_F

ClientSampleId :

WCS-TPR

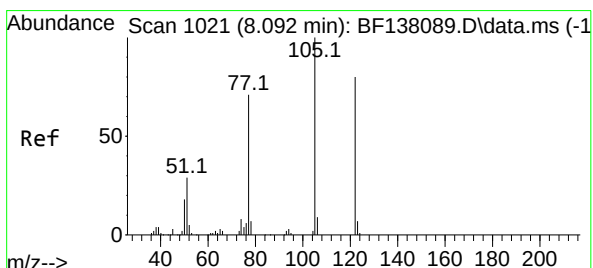
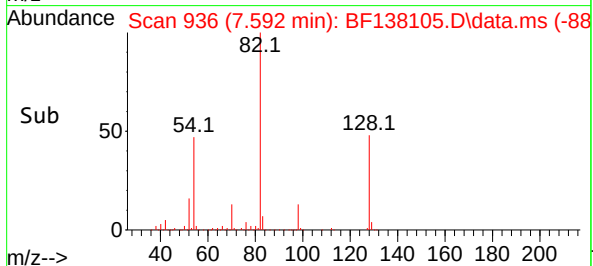
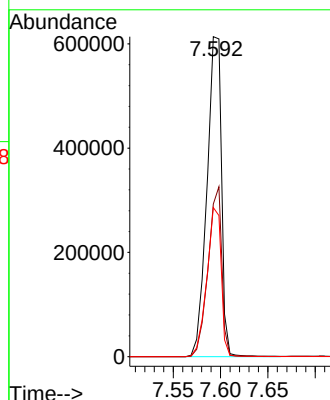
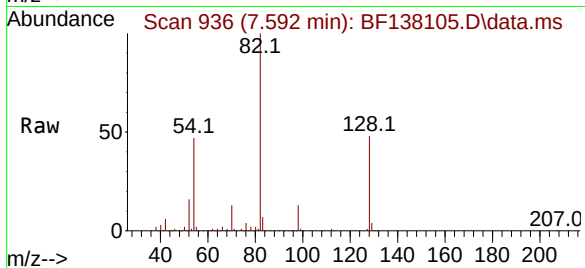
Tgt Ion: 82 Resp: 656034

Ion Ratio Lower Upper

82 100

128 47.7 39.9 59.9

54 46.6 37.0 55.4



#32

Benzoic acid

Concen: 20.773 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.041 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

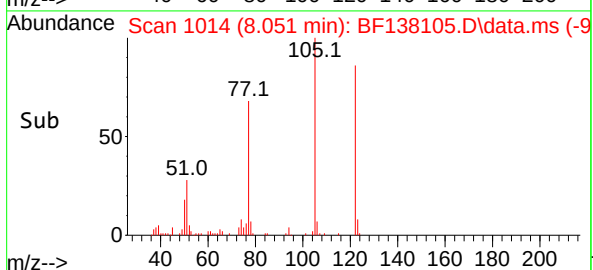
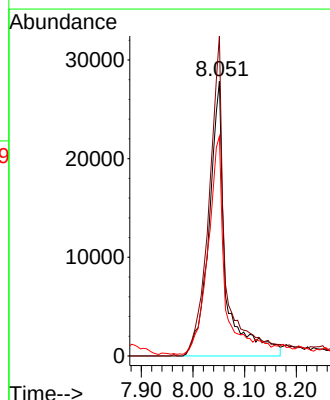
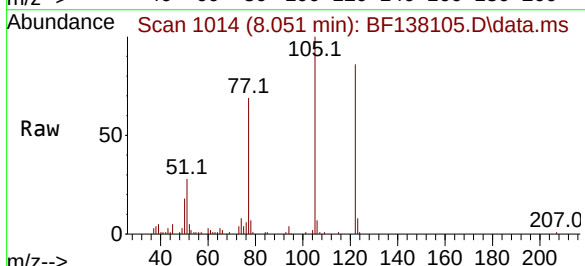
Tgt Ion:122 Resp: 62602

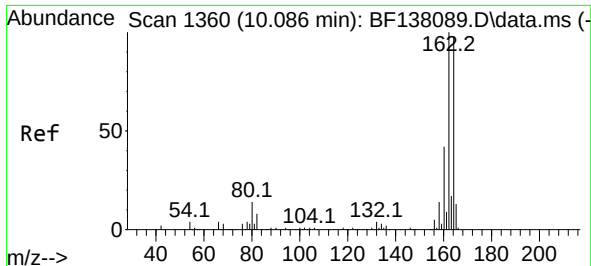
Ion Ratio Lower Upper

122 100

105 116.5 102.3 142.3

77 79.9 67.6 107.6

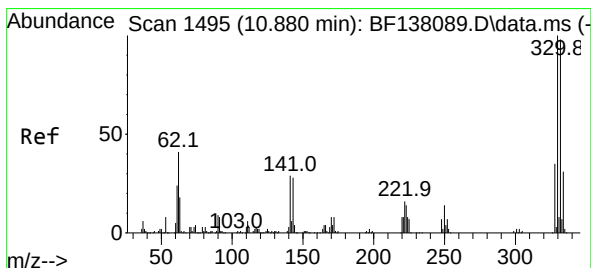
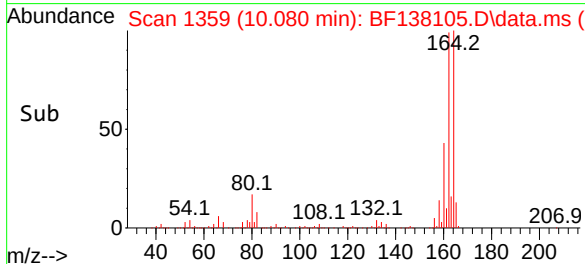
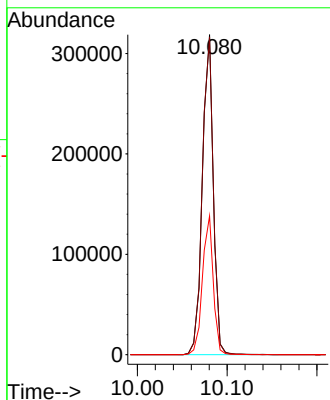
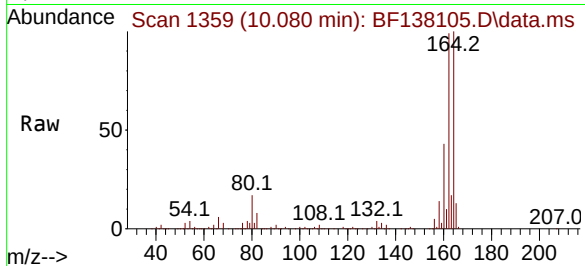




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

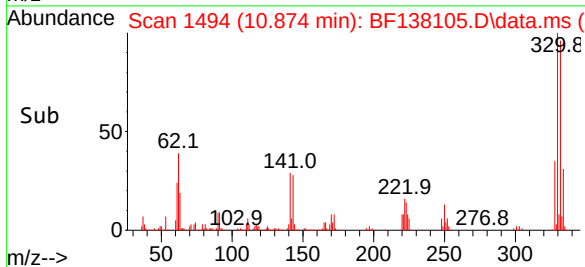
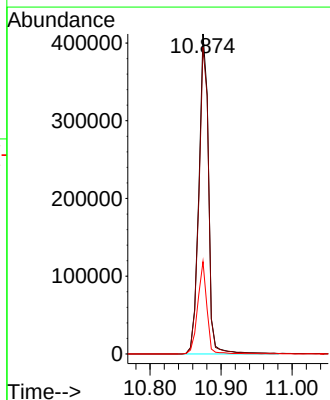
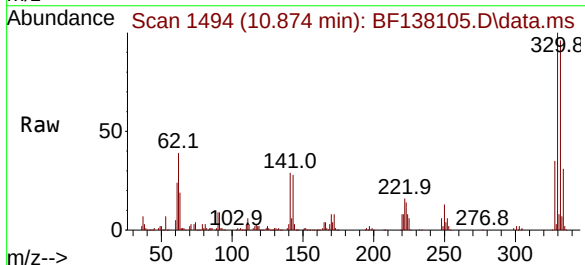
Instrument :
BNA_F
ClientSampleId :
WCS-TPR

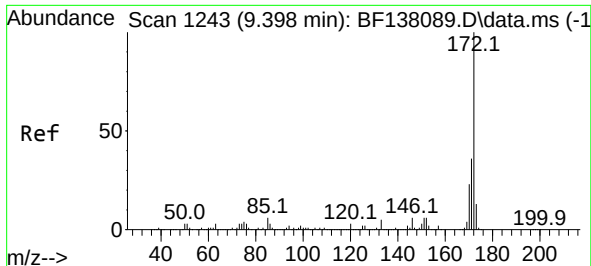
Tgt Ion:164 Resp: 269071
Ion Ratio Lower Upper
164 100
162 99.3 81.7 122.5
160 43.4 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 124.306 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138105.D
Acq: 03 Jun 2024 14:27

Tgt Ion:330 Resp: 390144
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 27.4 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 80.008 ng

RT: 9.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

Instrument :

BNA_F

ClientSampleId :

WCS-TPR

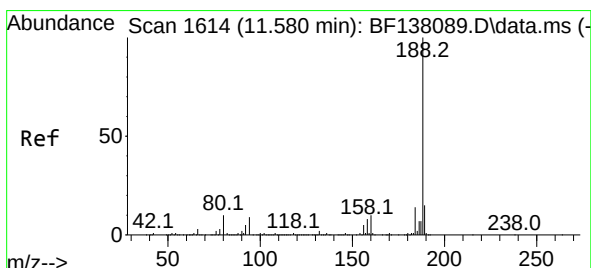
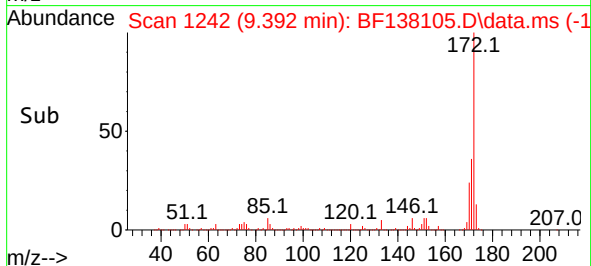
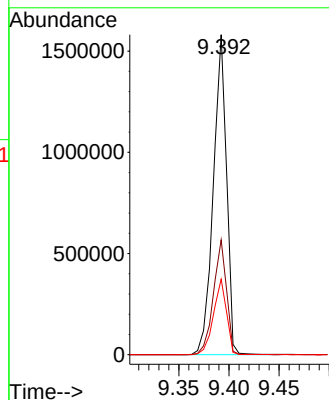
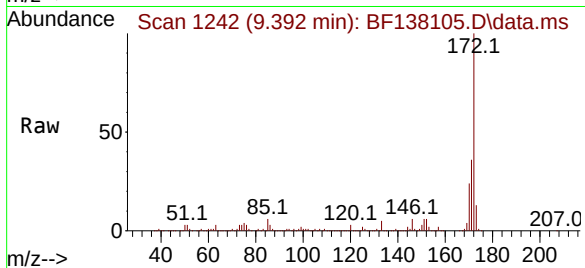
Tgt Ion:172 Resp: 1452323

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

170 23.6 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1613

Delta R.T. -0.006 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

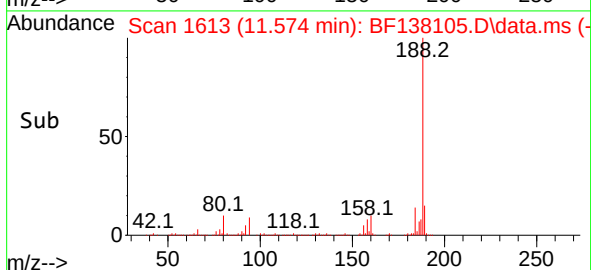
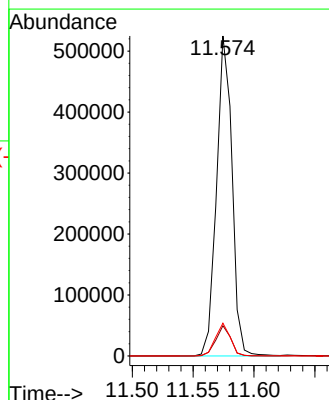
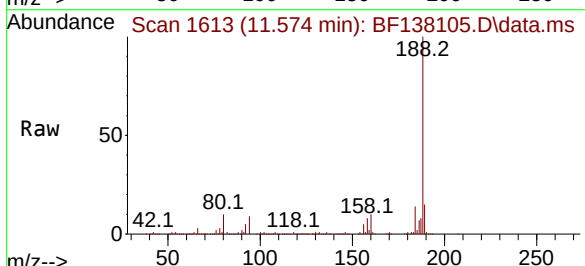
Tgt Ion:188 Resp: 465246

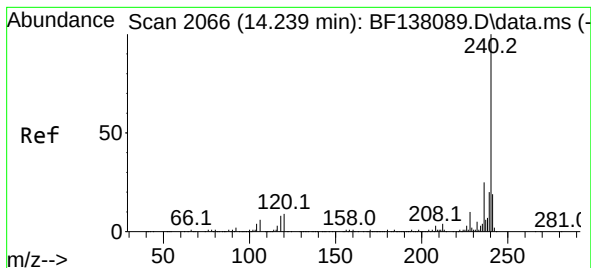
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.0

80 10.2 7.8 11.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

Instrument :

BNA_F

ClientSampleId :

WCS-TPR

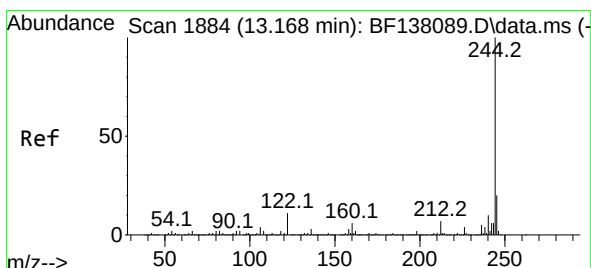
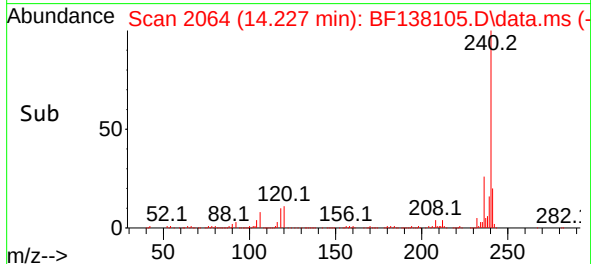
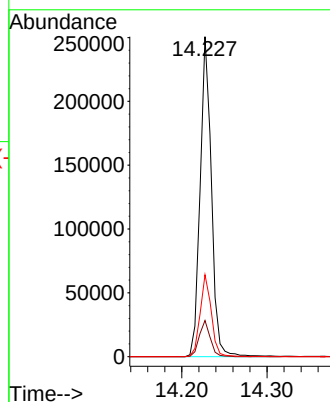
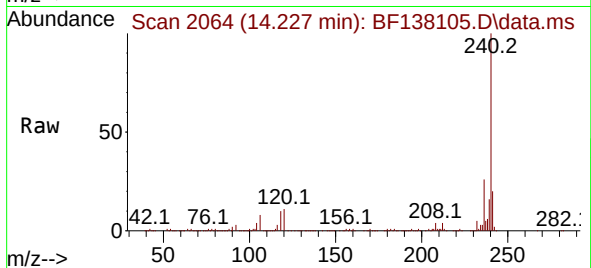
Tgt Ion:240 Resp: 230405

Ion Ratio Lower Upper

240 100

120 11.3 7.1 10.7#

236 25.6 20.4 30.6



#79

Terphenyl-d14

Concen: 91.537 ng

RT: 13.168 min Scan# 1884

Delta R.T. 0.000 min

Lab File: BF138105.D

Acq: 03 Jun 2024 14:27

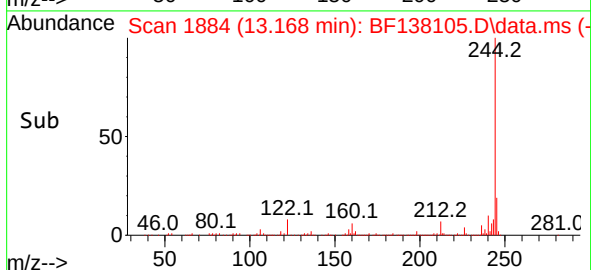
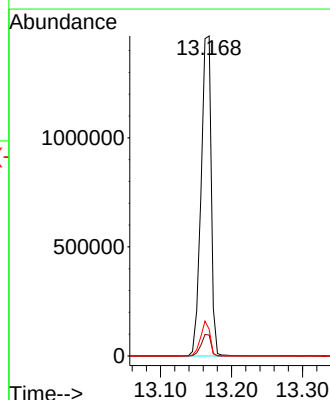
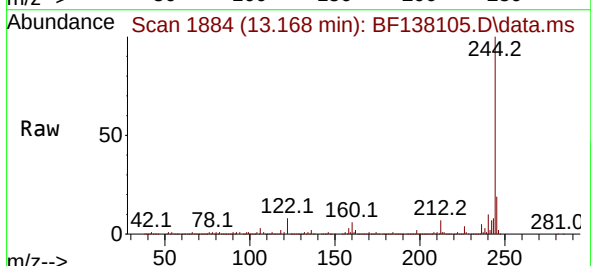
Tgt Ion:244 Resp: 1458054

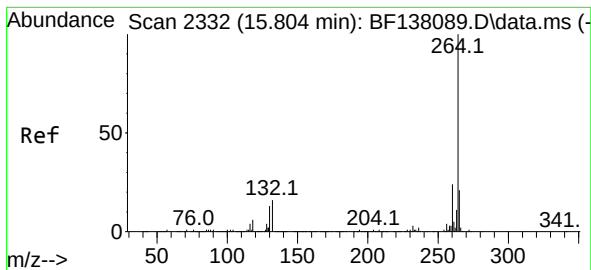
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 8.3 8.6 12.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138105.D

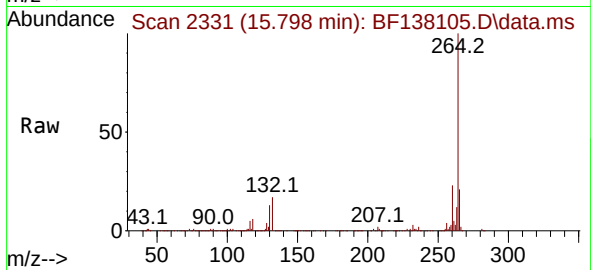
Acq: 03 Jun 2024 14:27

Instrument :

BNA_F

ClientSampleId :

WCS-TPR



Tgt Ion:264 Resp: 249257

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 21.3 16.7 25.1

