

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138138.D
 Acq On : 06 Jun 2024 17:43
 Operator : CG\JU
 Sample : P2715-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPC

Quant Time: Jun 07 03:14:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

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

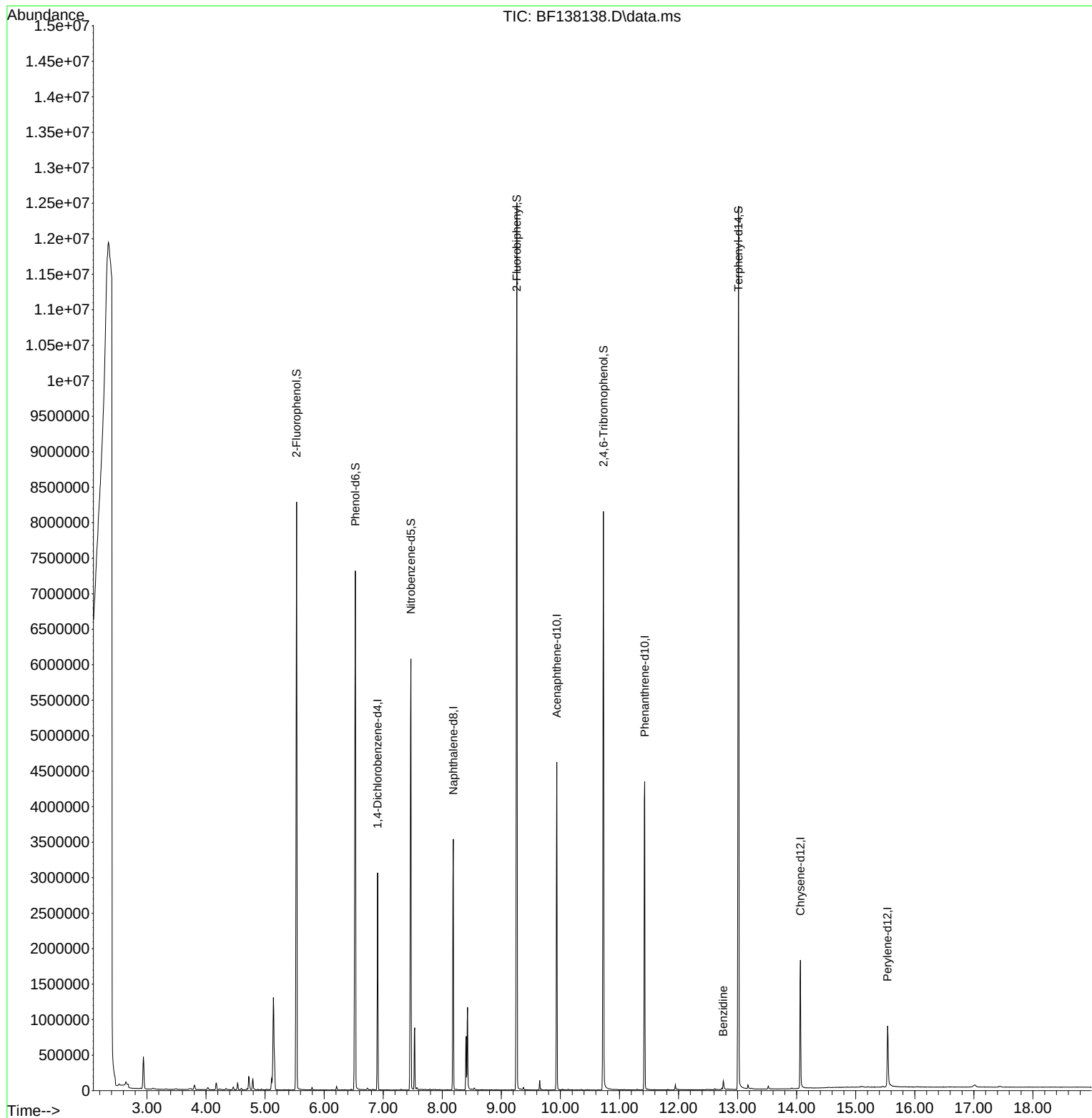
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	387891	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	1508595	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	877922	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1600594	20.000	ng	0.00
76) Chrysene-d12	14.063	240	631071	20.000	ng	0.00
86) Perylene-d12	15.539	264	479408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2470522	108.545	ng	0.00
7) Phenol-d6	6.528	99	2939530	102.077	ng	0.00
23) Nitrobenzene-d5	7.469	82	1983477	89.455	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	1143793	135.378	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4011264	79.892	ng	0.00
79) Terphenyl-d14	13.016	244	4798190	113.724	ng	0.00
Target Compounds						
77) Benzidine	12.757	184	56538	8.706	ng	Qvalue 98

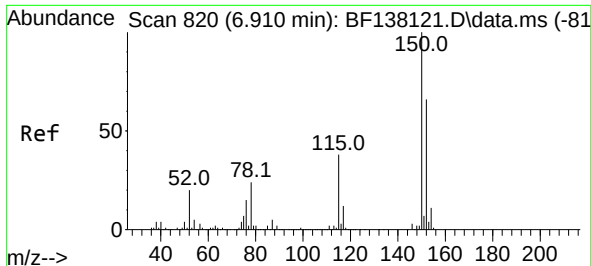
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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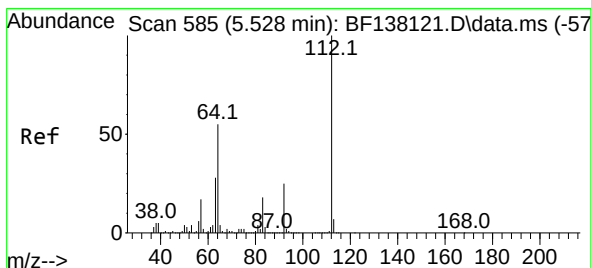
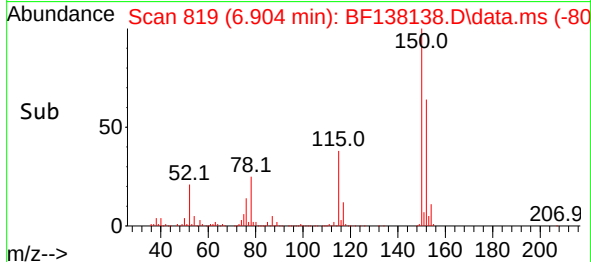
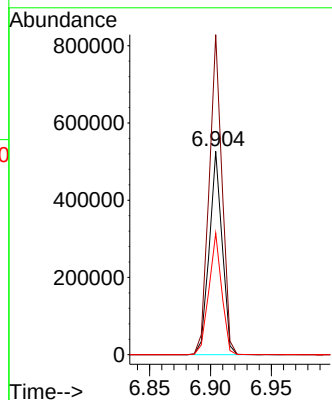
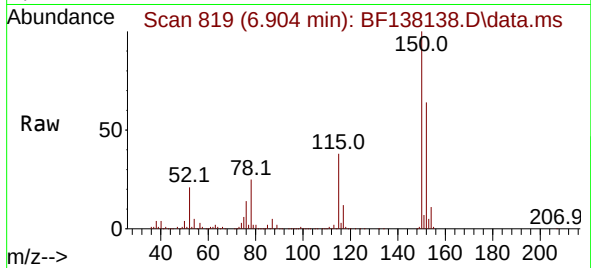




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF138138.D
 Acq: 06 Jun 2024 17:43

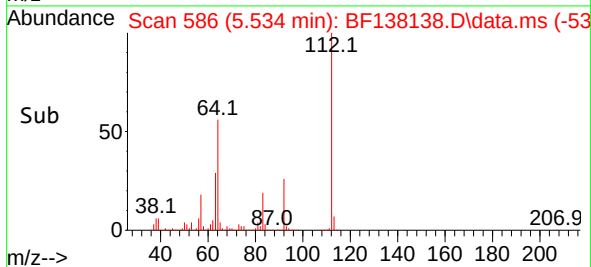
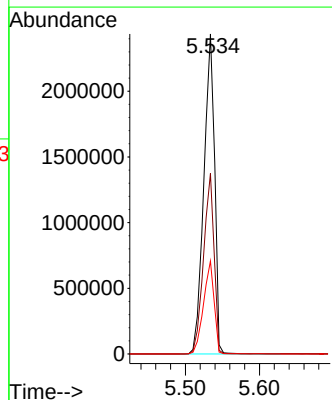
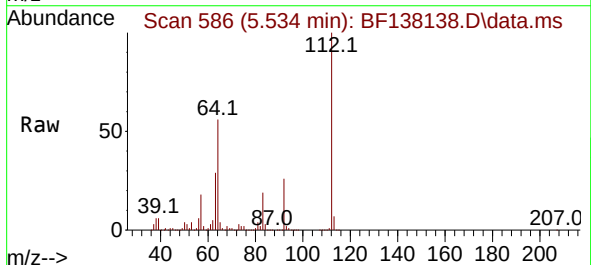
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPC

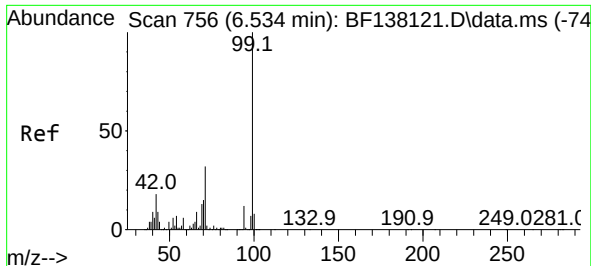
Tgt Ion:152 Resp: 387891
 Ion Ratio Lower Upper
 152 100
 150 157.3 121.8 182.6
 115 59.8 46.2 69.2



#5
 2-Fluorophenol
 Concen: 108.545 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.006 min
 Lab File: BF138138.D
 Acq: 06 Jun 2024 17:43

Tgt Ion:112 Resp: 2470522
 Ion Ratio Lower Upper
 112 100
 64 56.4 44.0 66.0
 63 29.1 22.1 33.1

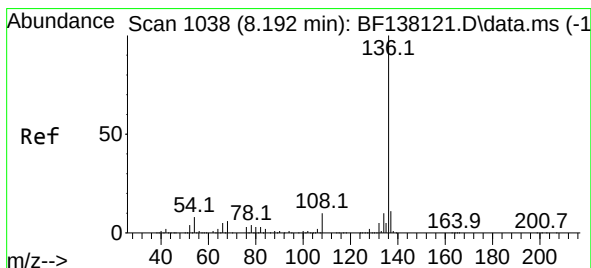
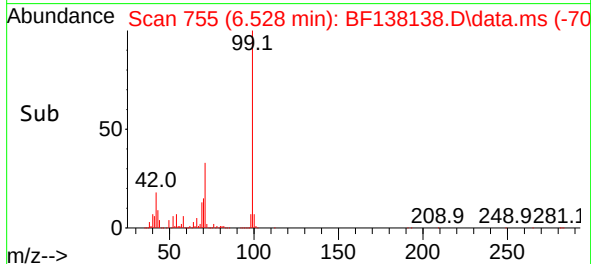
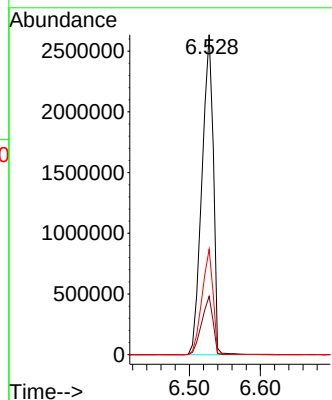
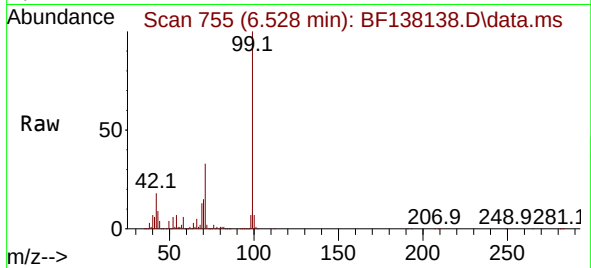




#7
Phenol-d6
Concen: 102.077 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

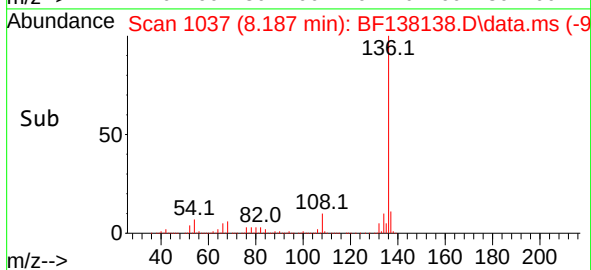
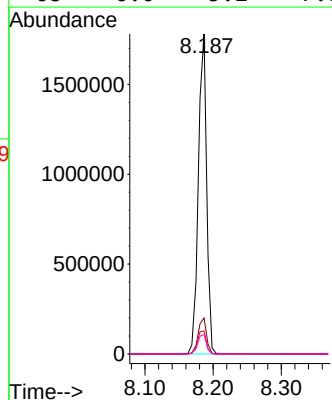
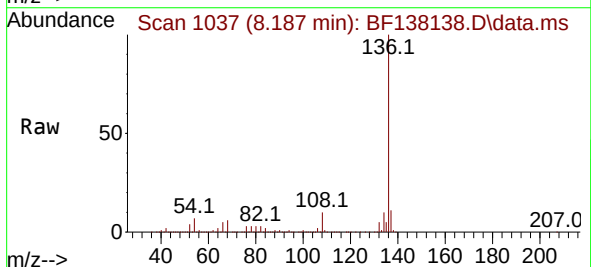
Instrument :
BNA_F
ClientSampleId :
WCS-TPC

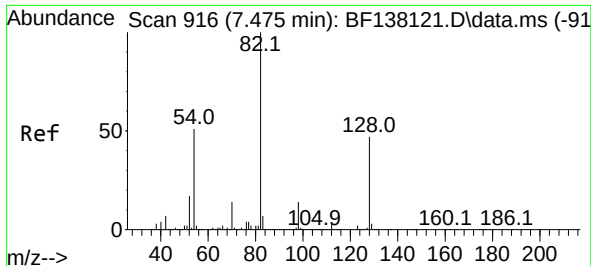
Tgt Ion: 99 Resp: 2939530
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 33.0 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

Tgt Ion: 136 Resp: 1508595
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.2 6.2 9.2
68 6.0 5.2 7.8

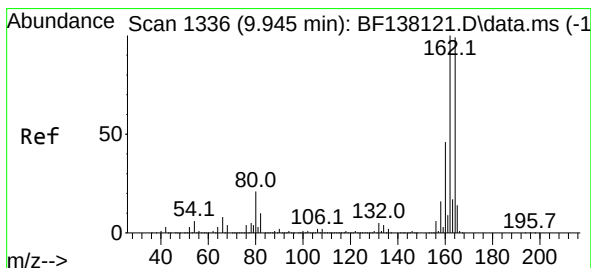
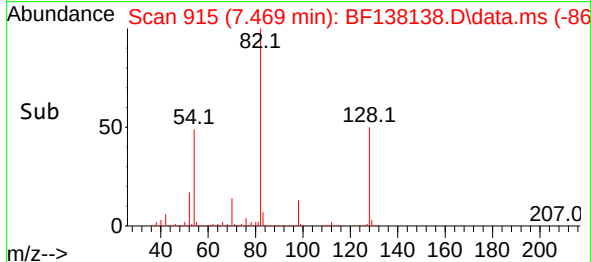
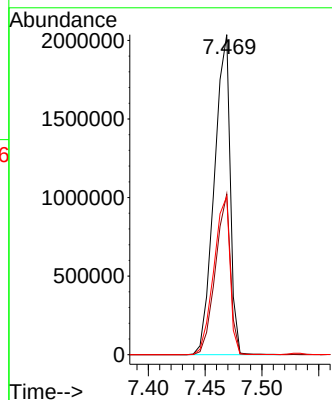
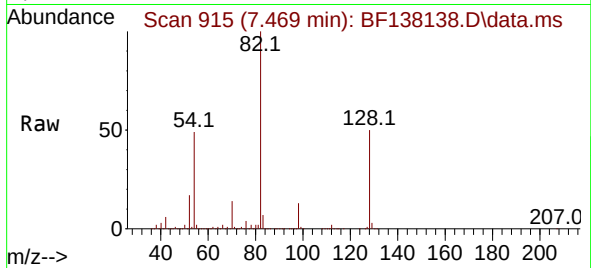




#23
Nitrobenzene-d5
Concen: 89.455 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

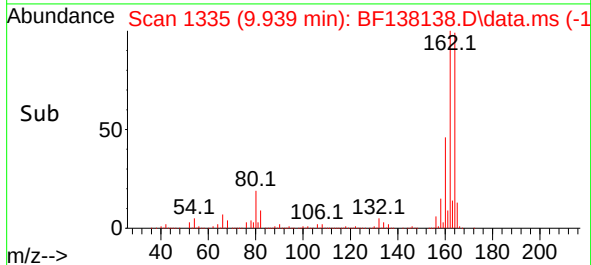
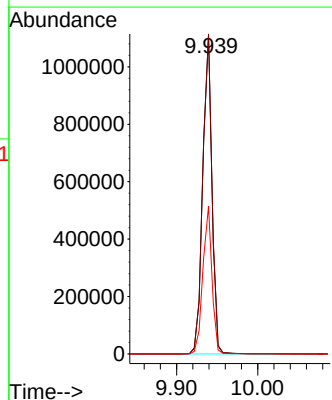
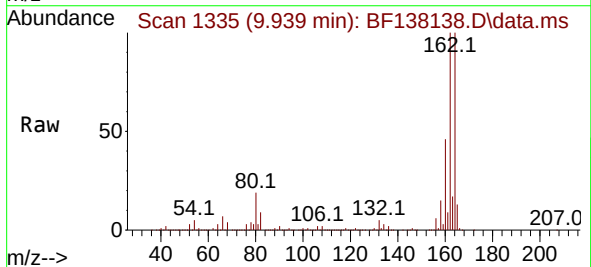
Instrument :
BNA_F
ClientSampleId :
WCS-TPC

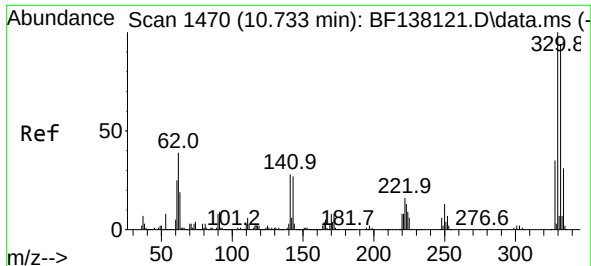
Tgt Ion: 82 Resp: 1983477
Ion Ratio Lower Upper
82 100
128 50.2 37.7 56.5
54 49.4 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

Tgt Ion: 164 Resp: 877922
Ion Ratio Lower Upper
164 100
162 100.2 80.9 121.3
160 46.2 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 135.378 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.005 min

Lab File: BF138138.D

Acq: 06 Jun 2024 17:43

Instrument :

BNA_F

ClientSampleId :

WCS-TPC

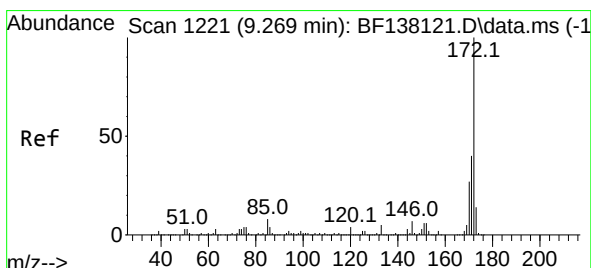
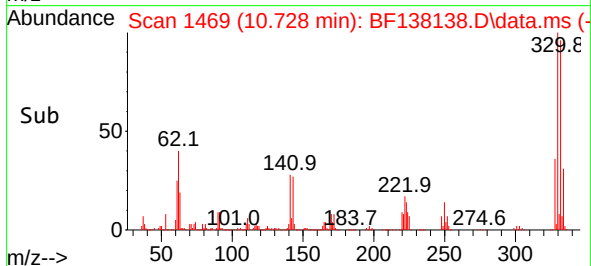
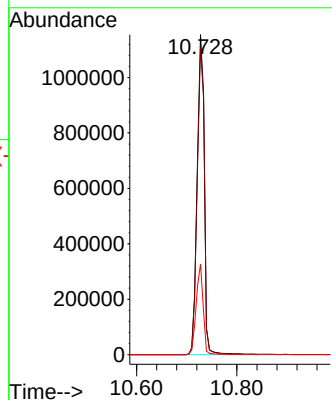
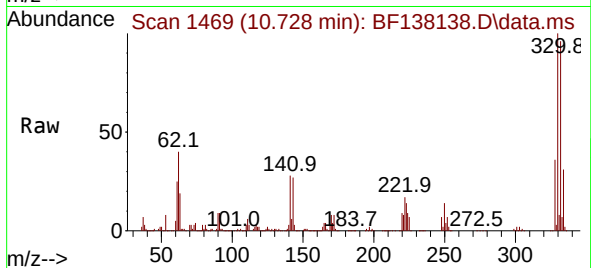
Tgt Ion:330 Resp: 1143793

Ion Ratio Lower Upper

330 100

332 96.4 75.8 113.8

141 27.7 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 79.892 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138138.D

Acq: 06 Jun 2024 17:43

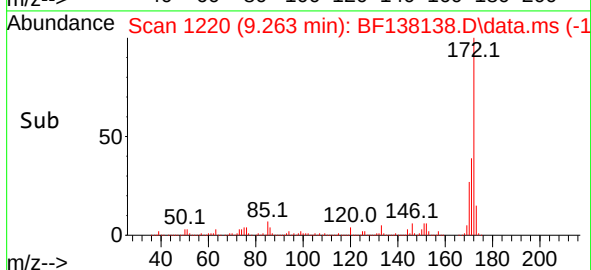
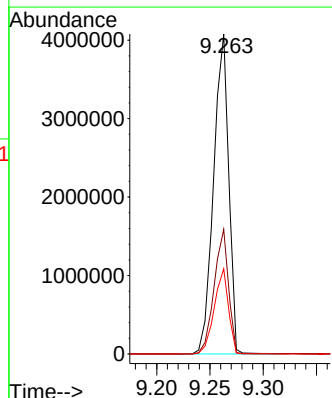
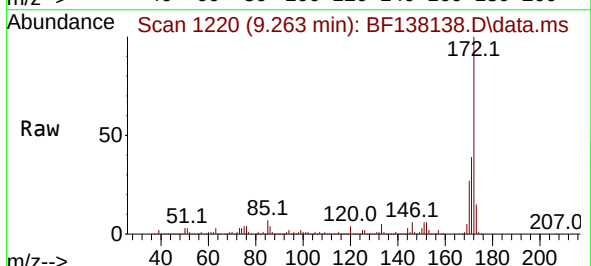
Tgt Ion:172 Resp: 4011264

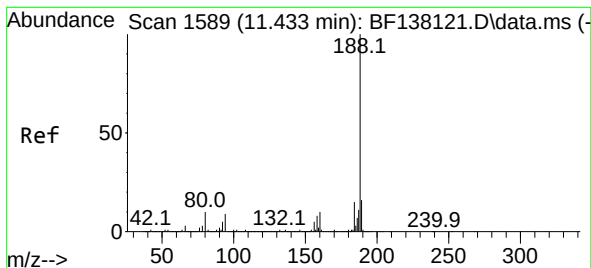
Ion Ratio Lower Upper

172 100

171 38.9 31.6 47.4

170 26.6 21.4 32.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138138.D

Acq: 06 Jun 2024 17:43

Instrument :

BNA_F

ClientSampleId :

WCS-TPC

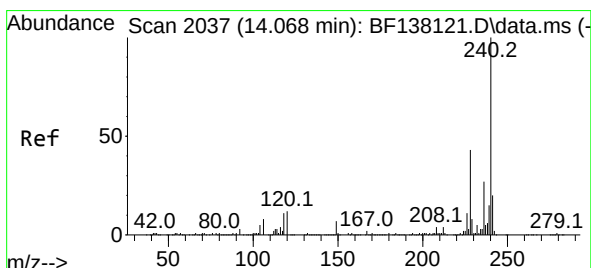
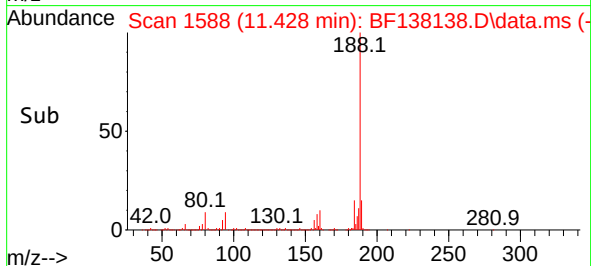
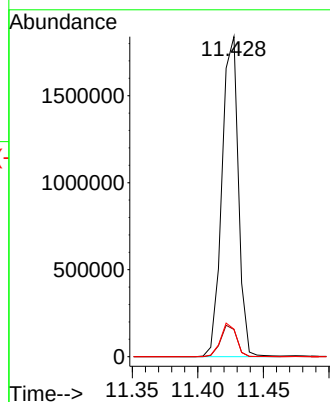
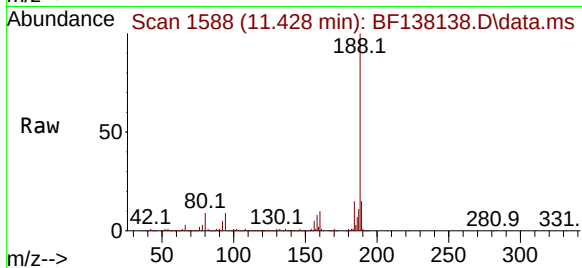
Tgt Ion:188 Resp: 1600594

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 8.6 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.005 min

Lab File: BF138138.D

Acq: 06 Jun 2024 17:43

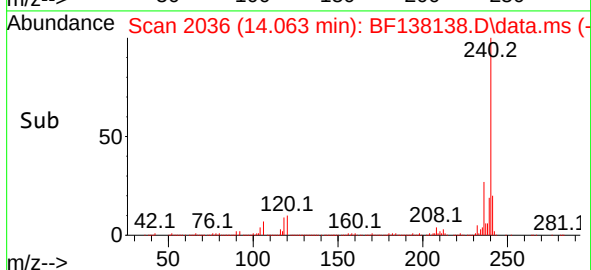
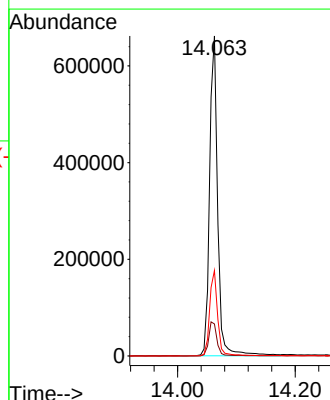
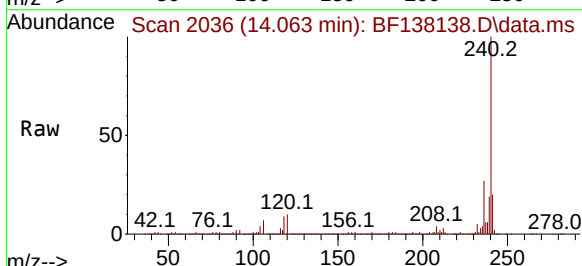
Tgt Ion:240 Resp: 631071

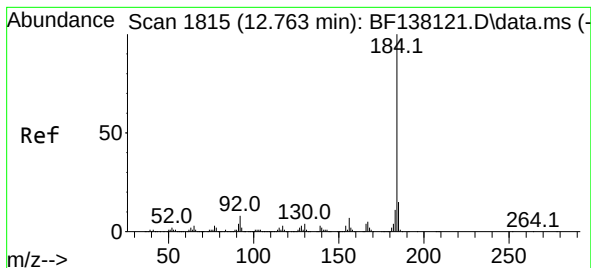
Ion Ratio Lower Upper

240 100

120 10.0 9.8 14.8

236 26.7 21.2 31.8





#77

Benzidine

Concen: 8.706 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF138138.D

Acq: 06 Jun 2024 17:43

Instrument :

BNA_F

ClientSampleId :

WCS-TPC

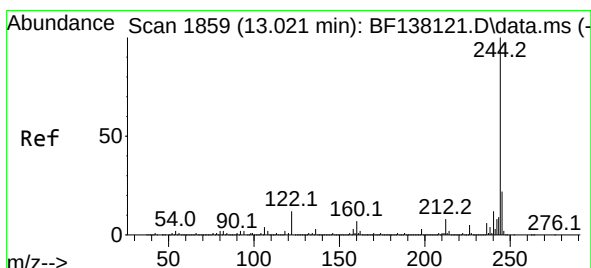
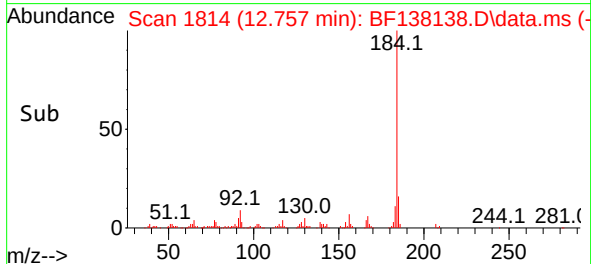
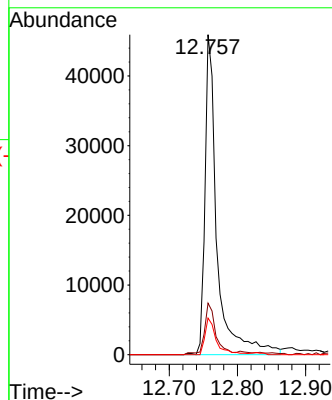
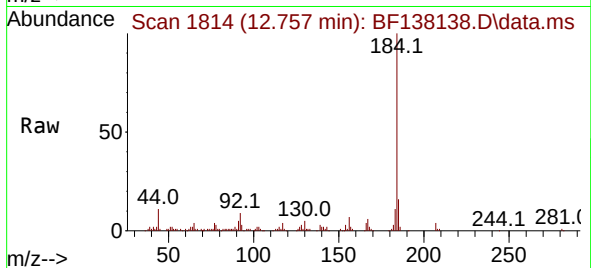
Tgt Ion:184 Resp: 56538

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.2

183 11.4 9.0 13.4



#79

Terphenyl-d14

Concen: 113.724 ng

RT: 13.016 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BF138138.D

Acq: 06 Jun 2024 17:43

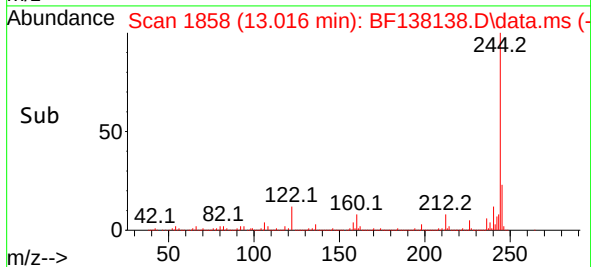
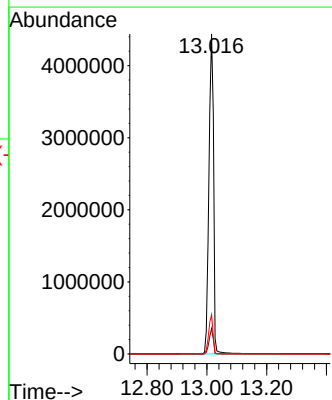
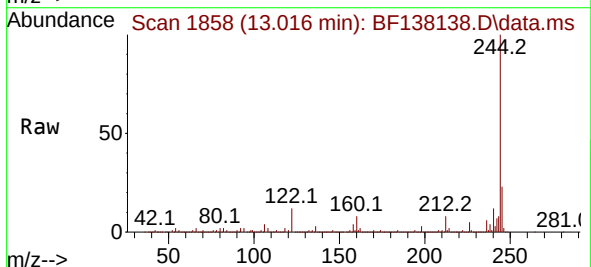
Tgt Ion:244 Resp: 4798190

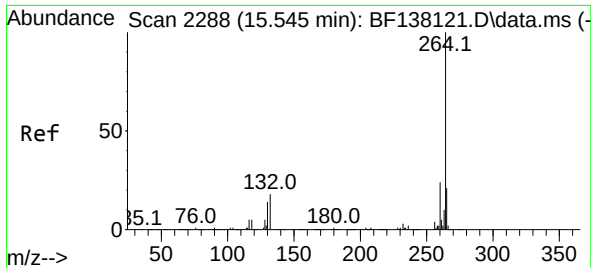
Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

122 12.2 9.4 14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138138.D
Acq: 06 Jun 2024 17:43

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 479408

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.3	17.1	25.7

