

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138160.D
 Acq On : 07 Jun 2024 15:05
 Operator : CG\JU
 Sample : P2704-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPO

Quant Time: Jun 07 15:44:13 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	347352	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1348688	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	759593	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1237607	20.000	ng	0.00
76) Chrysene-d12	14.063	240	578546	20.000	ng	0.00
86) Perylene-d12	15.545	264	536833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2205706	108.220	ng	0.00
7) Phenol-d6	6.528	99	2822526	109.453	ng	0.00
23) Nitrobenzene-d5	7.469	82	1666979	84.094	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	848273	116.041	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3259177	75.024	ng	0.00
79) Terphenyl-d14	13.016	244	2946570	76.179	ng	0.00

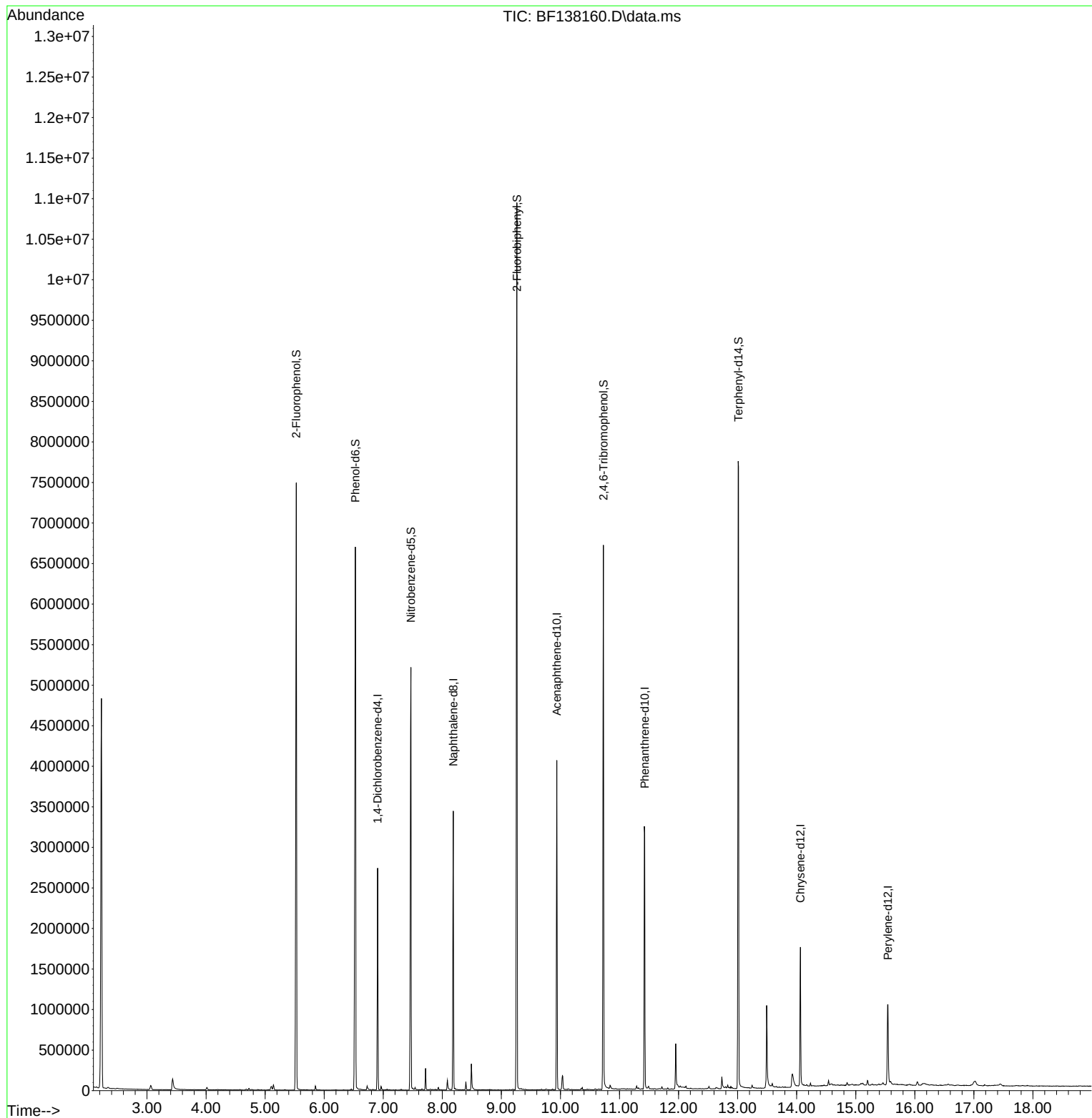
Target Compounds	Qvalue

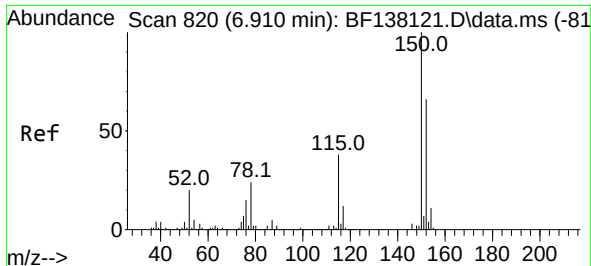
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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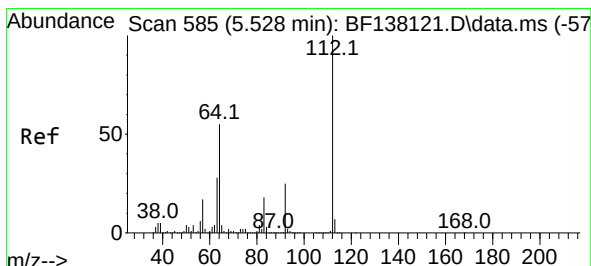
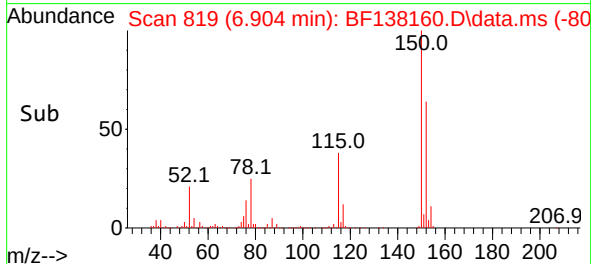
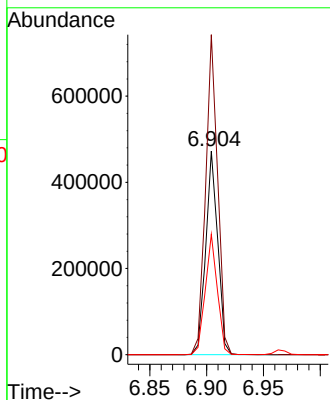
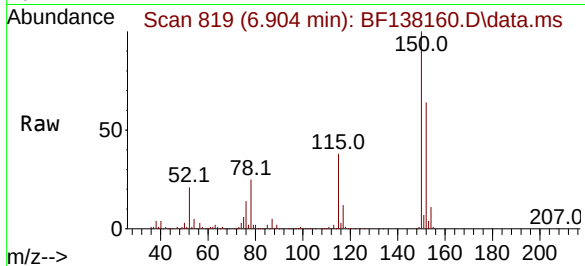




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF138160.D
 Acq: 07 Jun 2024 15:05

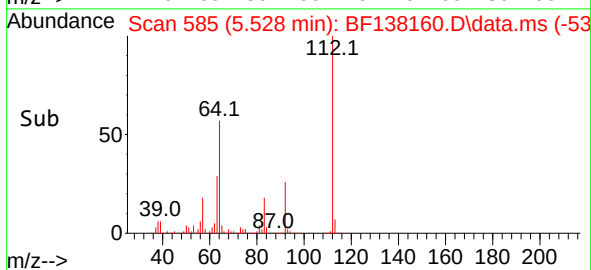
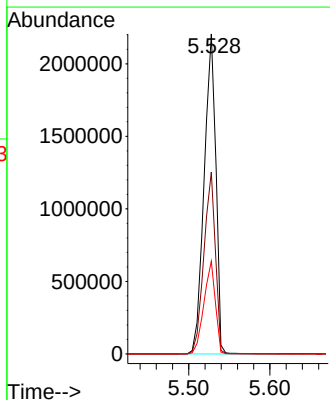
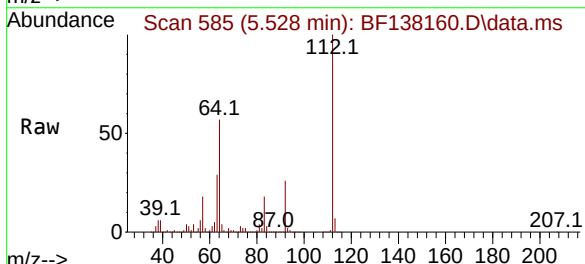
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPO

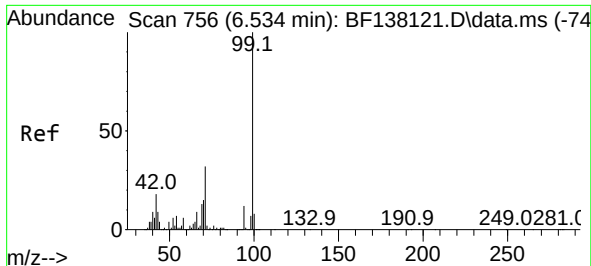
Tgt Ion:152 Resp: 347352
 Ion Ratio Lower Upper
 152 100
 150 157.2 121.8 182.6
 115 59.1 46.2 69.2



#5
 2-Fluorophenol
 Concen: 108.220 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.000 min
 Lab File: BF138160.D
 Acq: 07 Jun 2024 15:05

Tgt Ion:112 Resp: 2205706
 Ion Ratio Lower Upper
 112 100
 64 56.8 44.0 66.0
 63 29.0 22.1 33.1





#7

Phenol-d6

Concen: 109.453 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138160.D

Acq: 07 Jun 2024 15:05

Instrument :

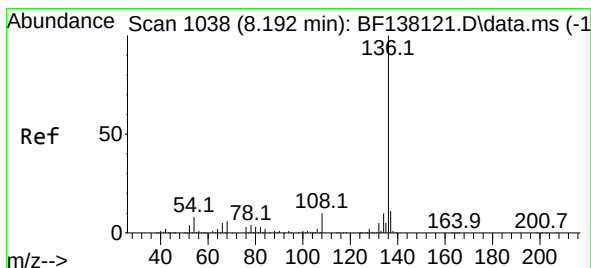
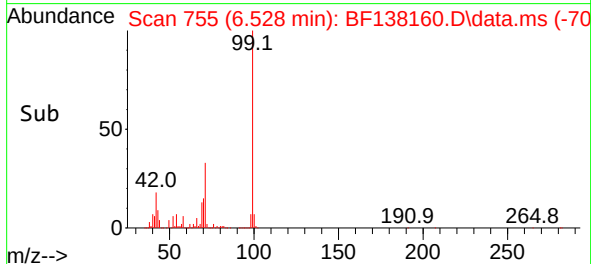
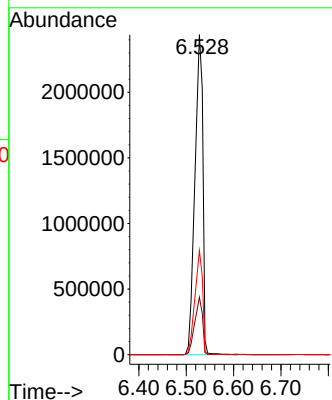
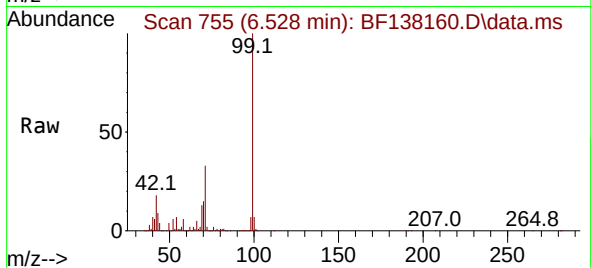
BNA_F

ClientSampleId :

WCS-TPO

Tgt Ion: 99 Resp: 2822526

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.4	21.6
71	32.6	25.5	38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1037

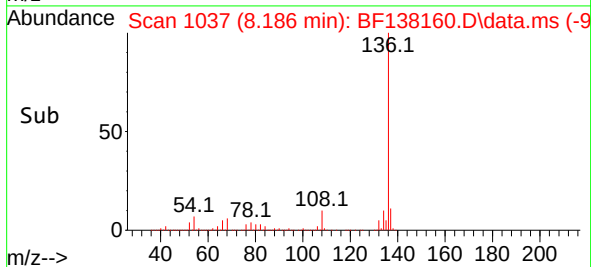
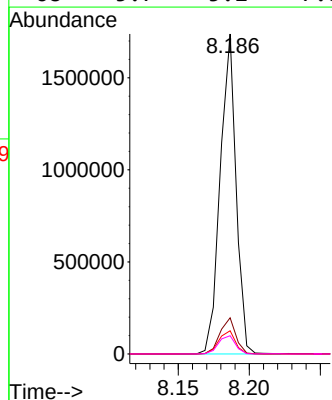
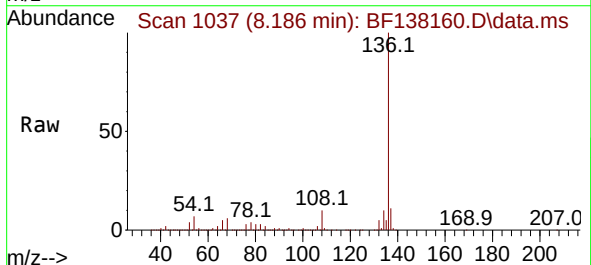
Delta R.T. -0.006 min

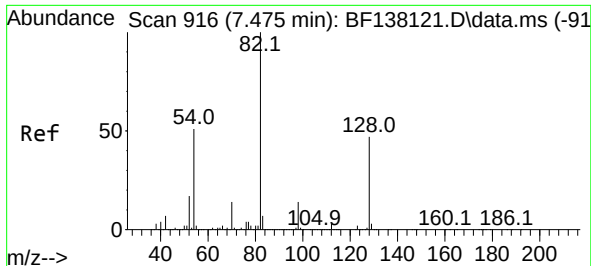
Lab File: BF138160.D

Acq: 07 Jun 2024 15:05

Tgt Ion: 136 Resp: 1348688

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.2	6.2	9.2
68	5.7	5.2	7.8

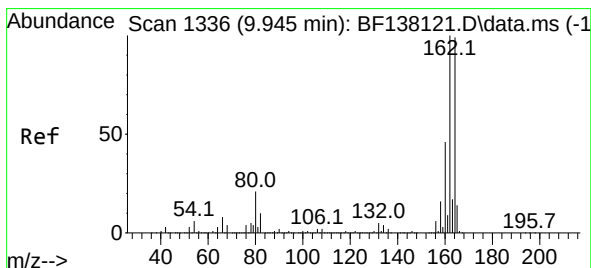
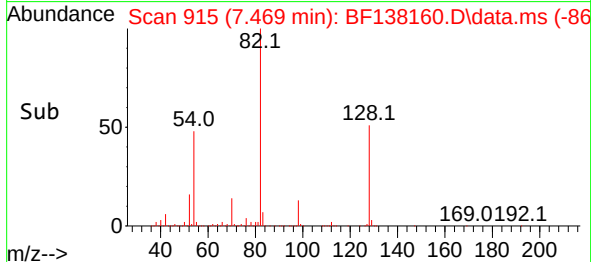
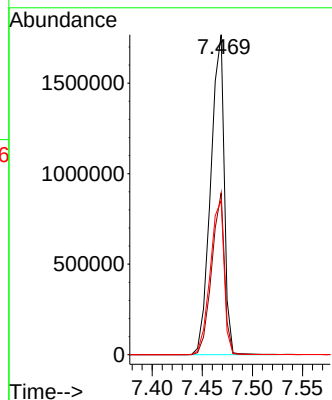
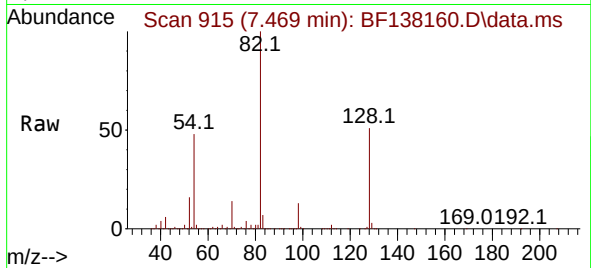




#23
Nitrobenzene-d5
Concen: 84.094 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF138160.D
Acq: 07 Jun 2024 15:05

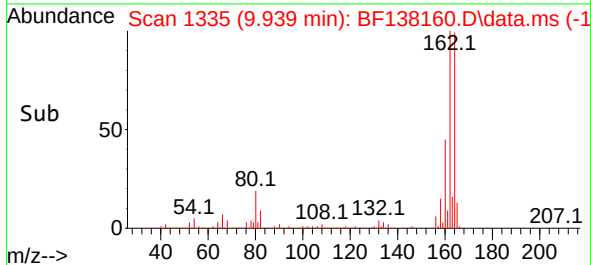
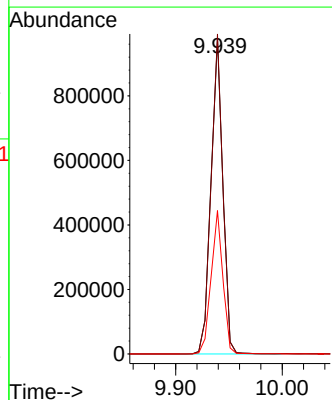
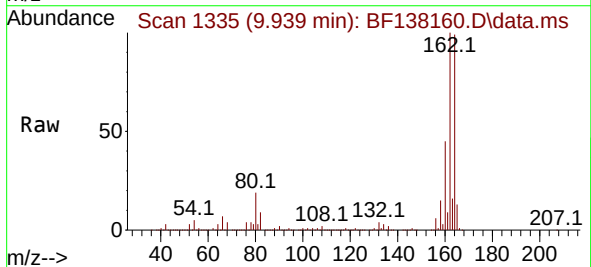
Instrument :
BNA_F
ClientSampleId :
WCS-TPO

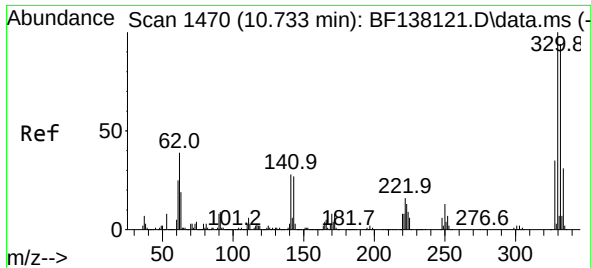
Tgt Ion: 82 Resp: 1666979
Ion Ratio Lower Upper
82 100
128 50.5 37.7 56.5
54 48.2 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138160.D
Acq: 07 Jun 2024 15:05

Tgt Ion:164 Resp: 759593
Ion Ratio Lower Upper
164 100
162 101.5 80.9 121.3
160 45.5 37.0 55.6

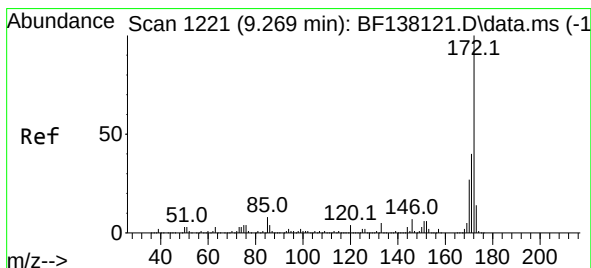
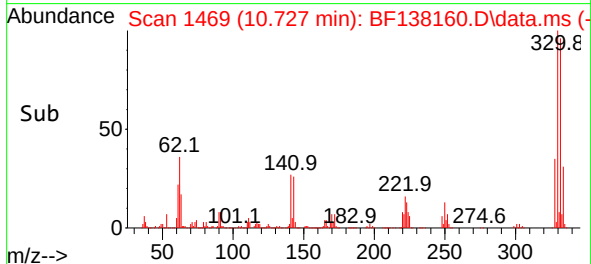
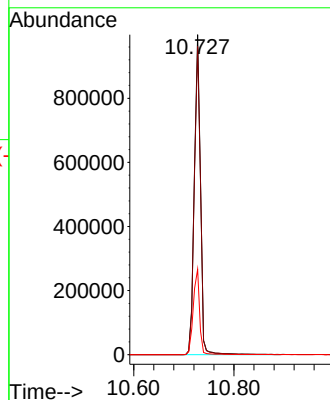
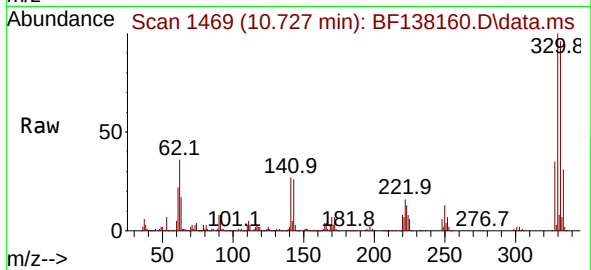




#42
2,4,6-Tribromophenol
Concen: 116.041 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF138160.D
Acq: 07 Jun 2024 15:05

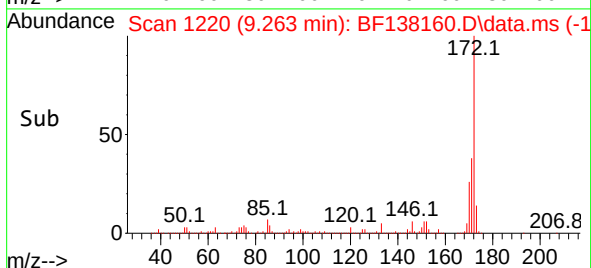
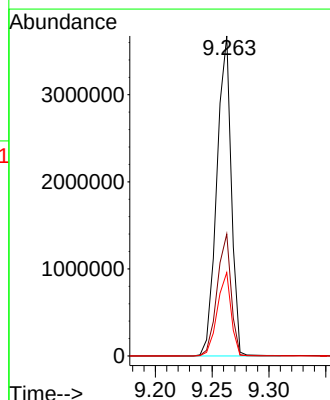
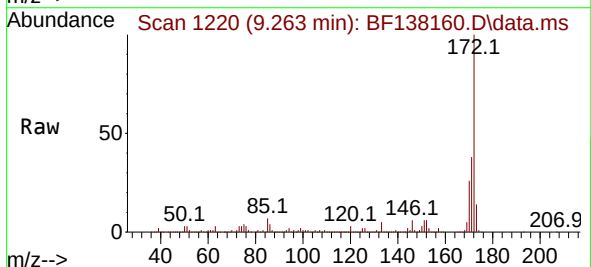
Instrument :
BNA_F
ClientSampleId :
WCS-TPO

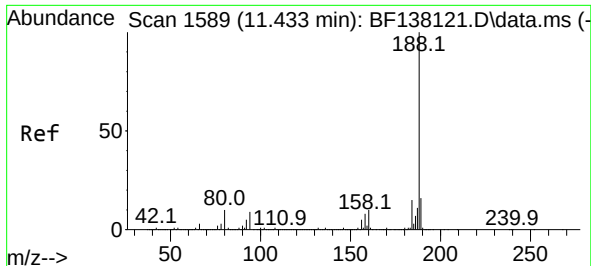
Tgt Ion:330 Resp: 848273
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.8
141 27.5 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 75.024 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF138160.D
Acq: 07 Jun 2024 15:05

Tgt Ion:172 Resp: 3259177
Ion Ratio Lower Upper
172 100
171 38.1 31.6 47.4
170 26.0 21.4 32.2

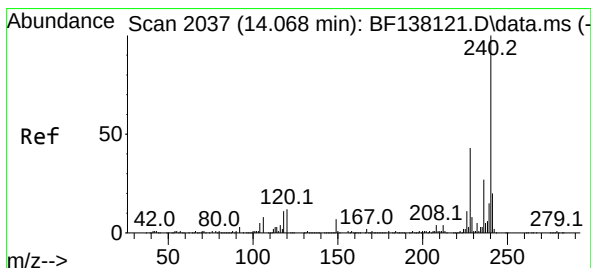
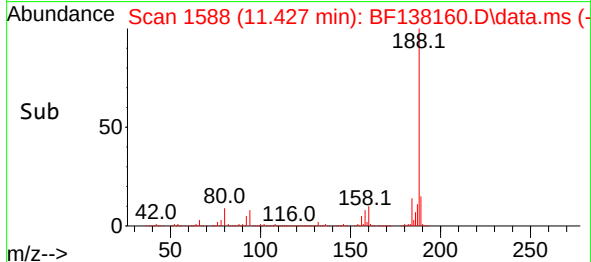
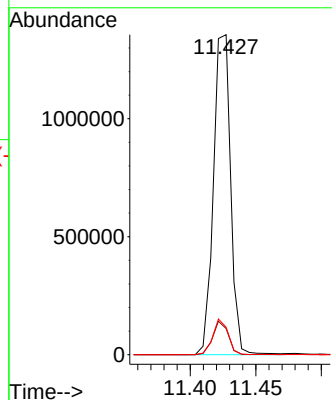
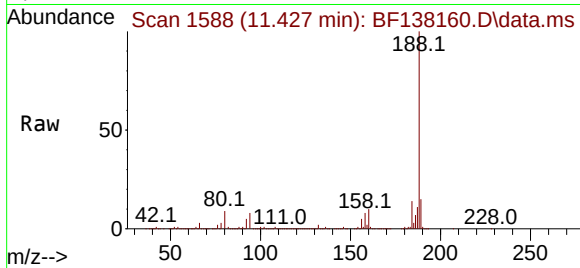




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138160.D
Acq: 07 Jun 2024 15:05

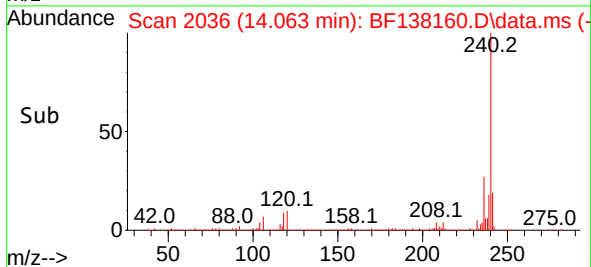
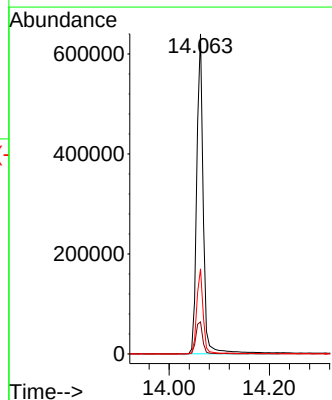
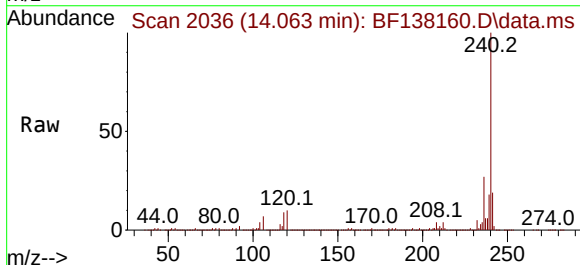
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BNA_F
ClientSampleId :
WCS-TPO

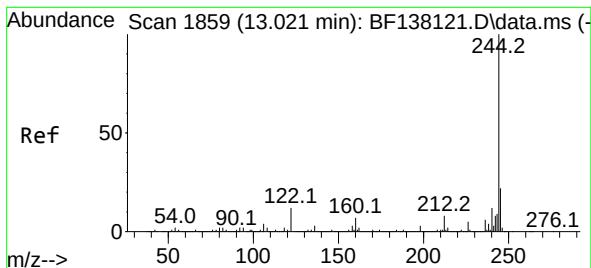
Tgt Ion:188 Resp: 1237607
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138160.D
Acq: 07 Jun 2024 15:05

Tgt Ion:240 Resp: 578546
Ion Ratio Lower Upper
240 100
120 10.0 9.8 14.8
236 26.6 21.2 31.8





#79

Terphenyl-d14

Concen: 76.179 ng

RT: 13.016 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BF138160.D

Acq: 07 Jun 2024 15:05

Instrument :

BNA_F

ClientSampleId :

WCS-TPO

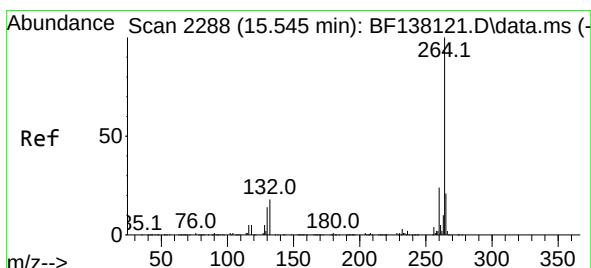
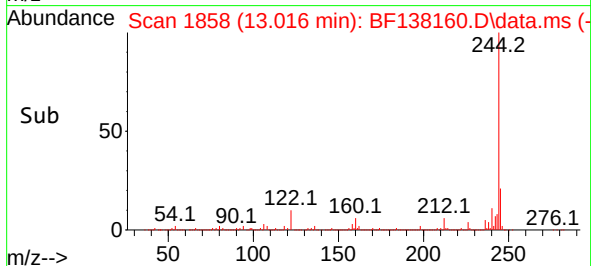
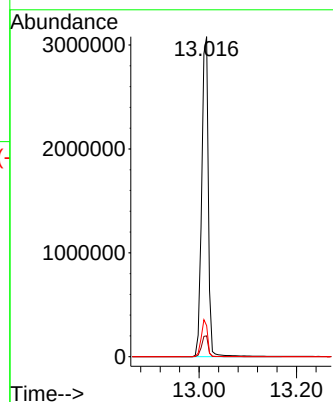
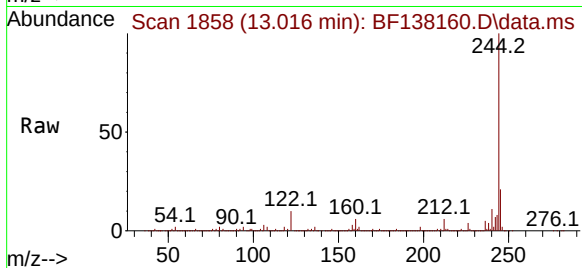
Tgt Ion:244 Resp: 2946570

Ion Ratio Lower Upper

244 100

212 6.5 6.4 9.6

122 9.7 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.000 min

Lab File: BF138160.D

Acq: 07 Jun 2024 15:05

Tgt Ion:264 Resp: 536833

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.2 17.1 25.7

