

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138136.D
 Acq On : 06 Jun 2024 16:42
 Operator : CG\JU
 Sample : P2704-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPU

Quant Time: Jun 07 03:13:48 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)

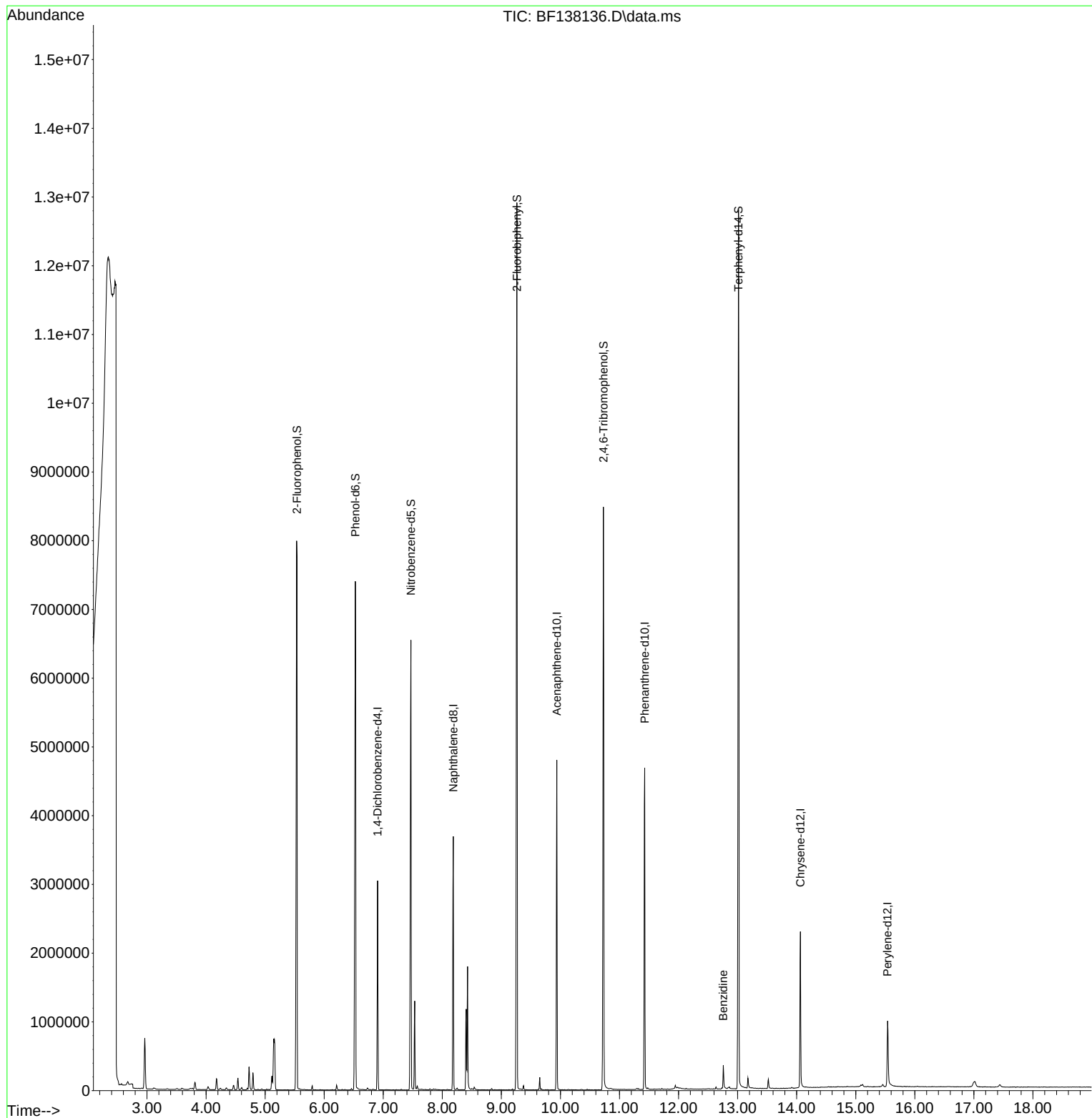
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	396072	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1529960	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	896811	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1682050	20.000	ng	0.00
76) Chrysene-d12	14.063	240	776838	20.000	ng	0.00
86) Perylene-d12	15.539	264	534338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2681277	115.371	ng	0.01
7) Phenol-d6	6.528	99	3168258	107.748	ng	0.00
23) Nitrobenzene-d5	7.469	82	2174138	96.684	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	1243768	144.110	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4152850	80.969	ng	0.00
79) Terphenyl-d14	13.016	244	5092268	98.047	ng	0.00
Target Compounds						
77) Benzidine	12.757	184	132134	16.529	ng	Qvalue 99

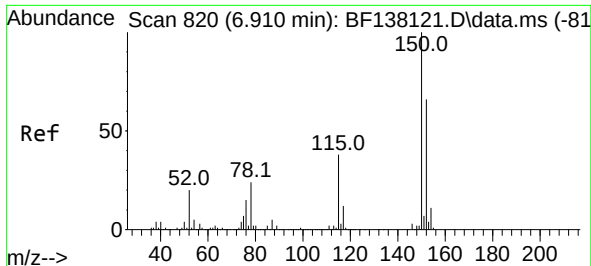
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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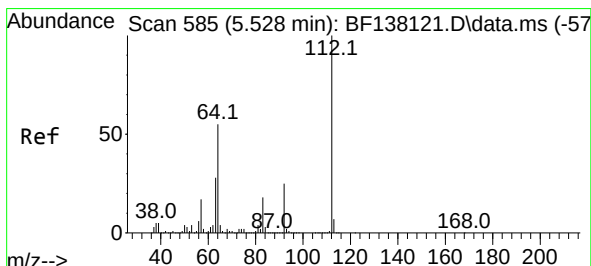
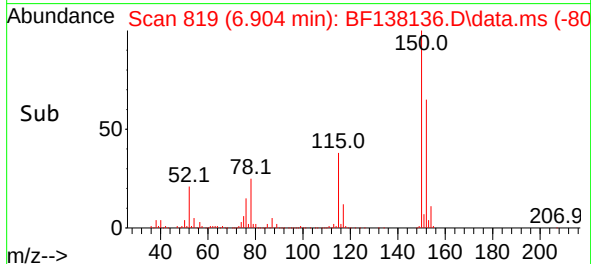
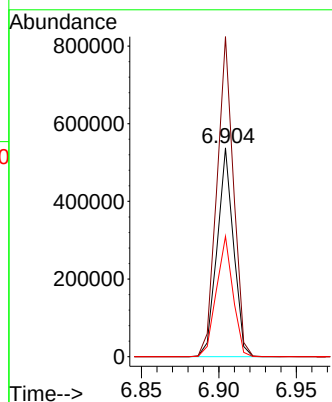
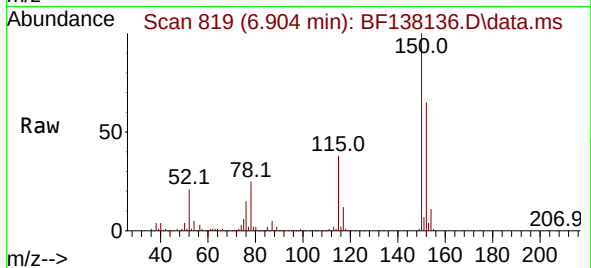




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

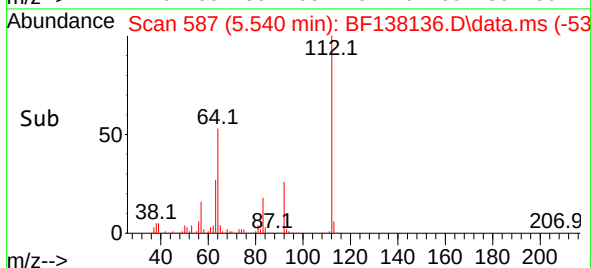
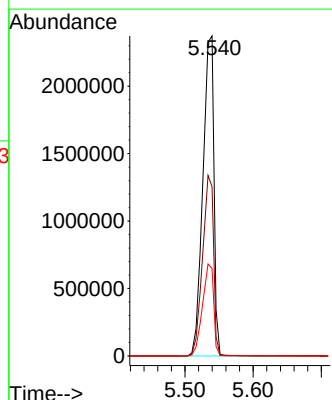
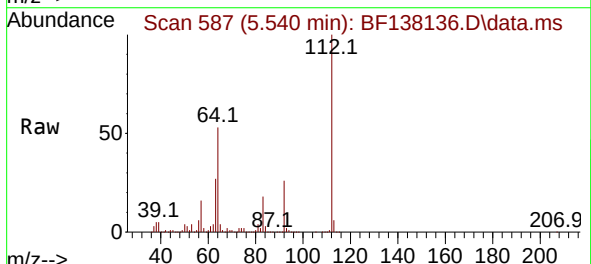
Instrument :
BNA_F
ClientSampleId :
WCS-TPU

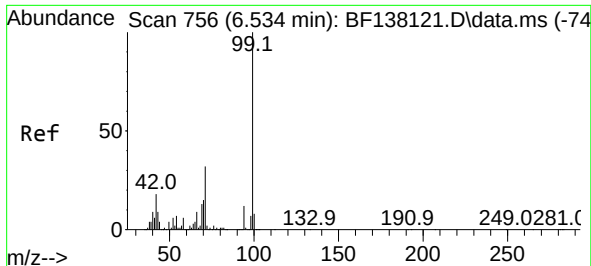
Tgt Ion:152 Resp: 396072
Ion Ratio Lower Upper
152 100
150 153.2 121.8 182.6
115 57.6 46.2 69.2



#5
2-Fluorophenol
Concen: 115.371 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

Tgt Ion:112 Resp: 2681277
Ion Ratio Lower Upper
112 100
64 52.9 44.0 66.0
63 27.4 22.1 33.1

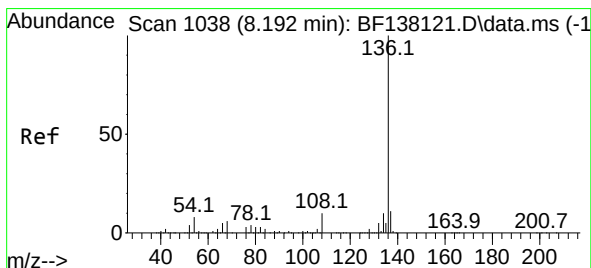
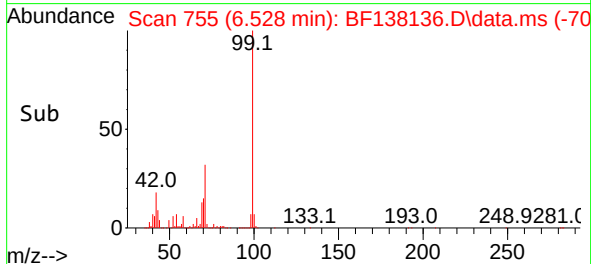
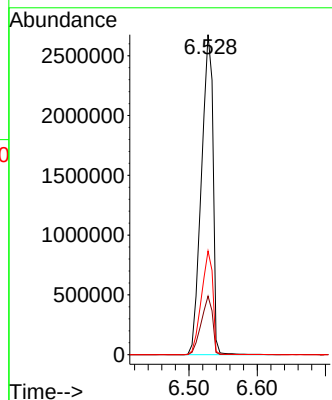
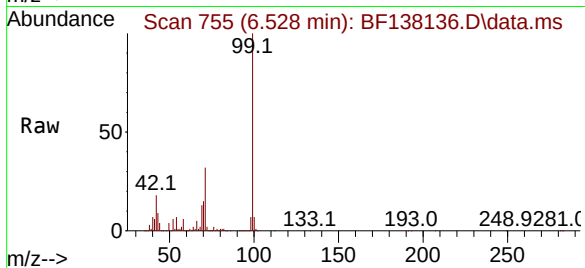




#7
Phenol-d6
Concen: 107.748 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

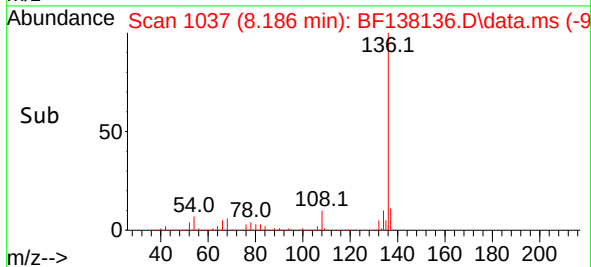
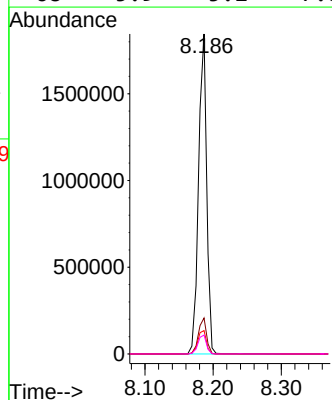
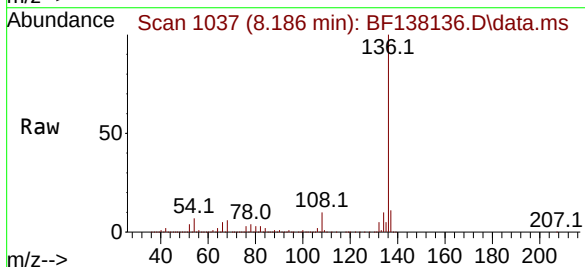
Instrument :
BNA_F
ClientSampleId :
WCS-TPU

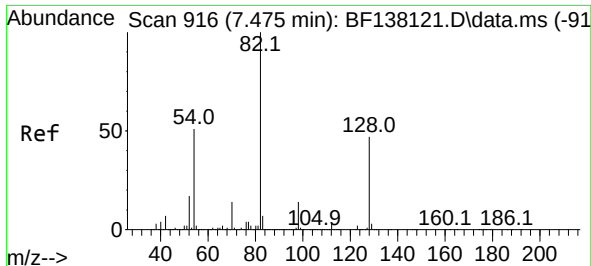
Tgt Ion: 99 Resp: 3168258
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 32.4 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

Tgt Ion:136 Resp: 1529960
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.3 6.2 9.2
68 5.9 5.2 7.8

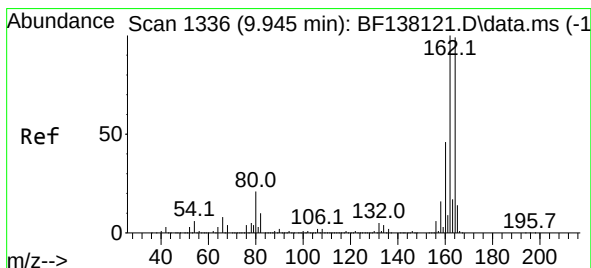
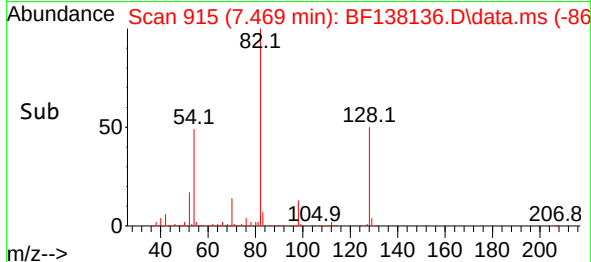
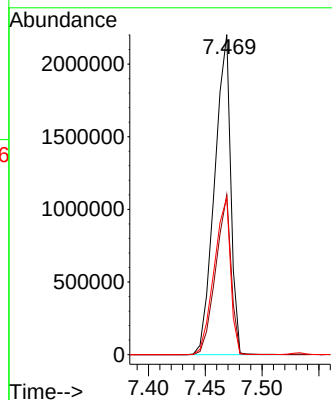
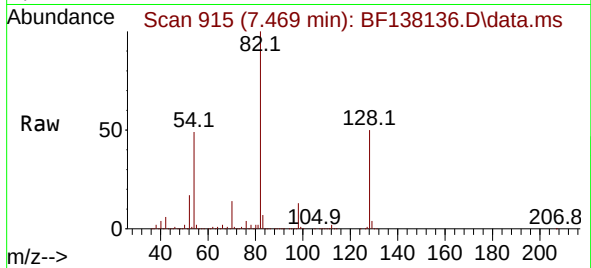




#23
Nitrobenzene-d5
Concen: 96.684 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

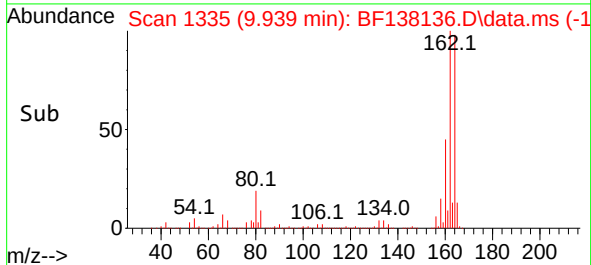
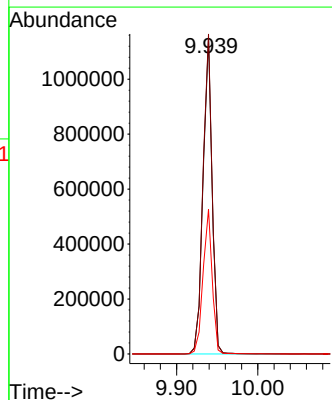
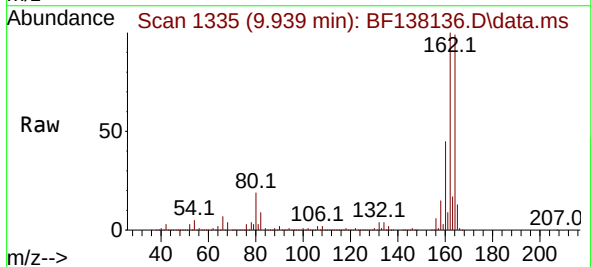
Instrument :
BNA_F
ClientSampleId :
WCS-TPU

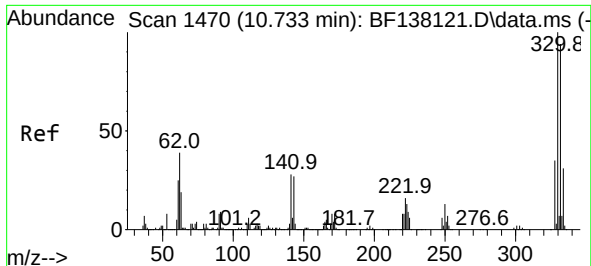
Tgt Ion: 82 Resp: 2174138
Ion Ratio Lower Upper
82 100
128 49.9 37.7 56.5
54 49.1 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

Tgt Ion: 164 Resp: 896811
Ion Ratio Lower Upper
164 100
162 101.1 80.9 121.3
160 45.7 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 144.110 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF138136.D

Acq: 06 Jun 2024 16:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPU

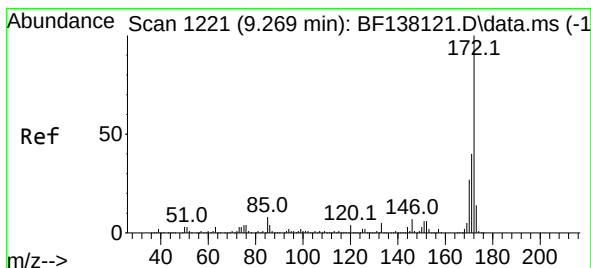
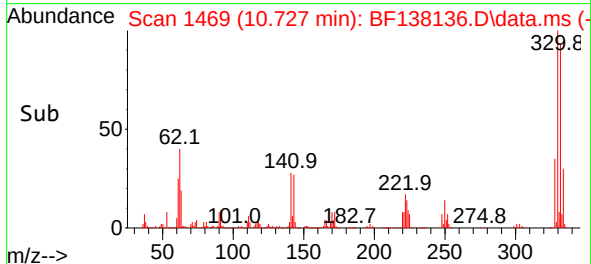
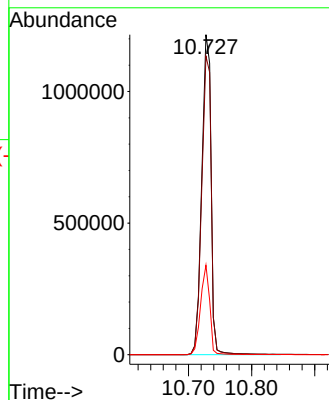
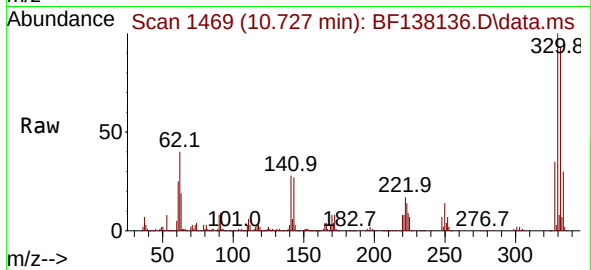
Tgt Ion:330 Resp: 1243768

Ion Ratio Lower Upper

330 100

332 95.2 75.8 113.8

141 27.5 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 80.969 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138136.D

Acq: 06 Jun 2024 16:42

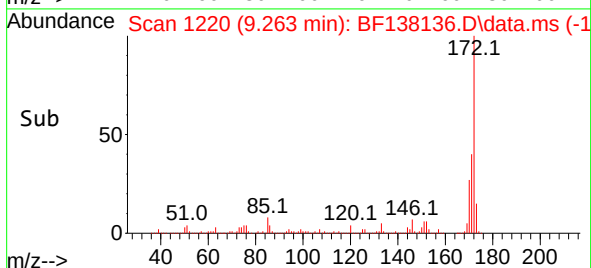
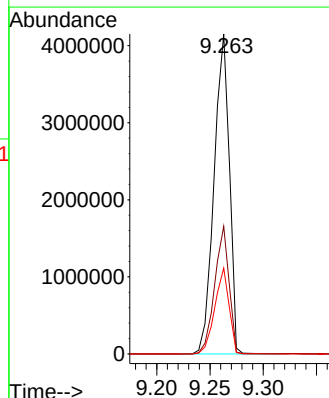
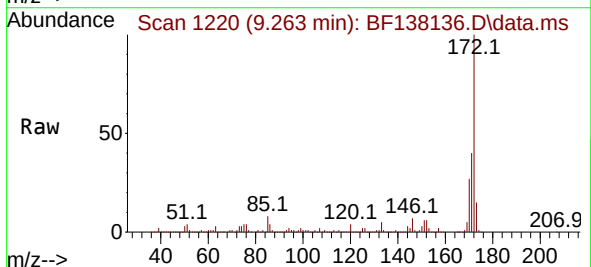
Tgt Ion:172 Resp: 4152850

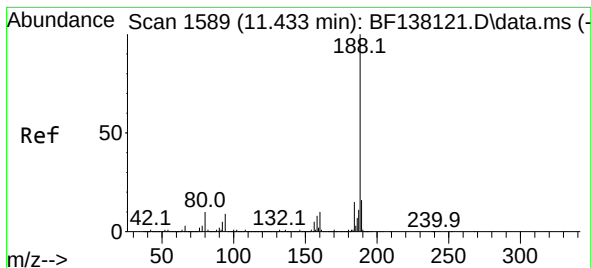
Ion Ratio Lower Upper

172 100

171 39.9 31.6 47.4

170 26.9 21.4 32.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138136.D

Acq: 06 Jun 2024 16:42

Instrument :

BNA_F

ClientSampleId :

WCS-TPU

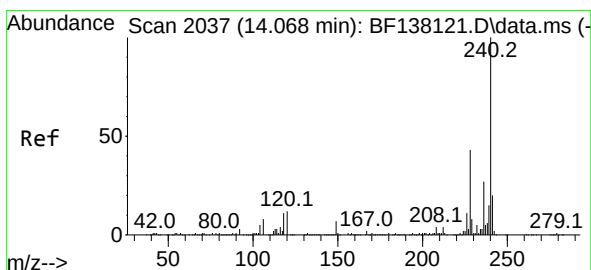
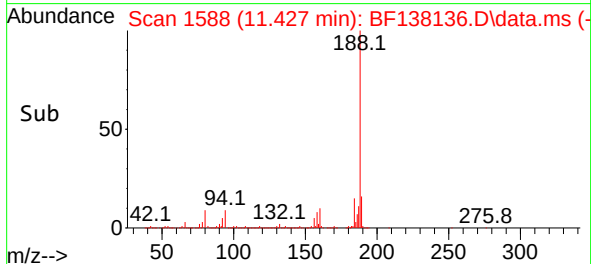
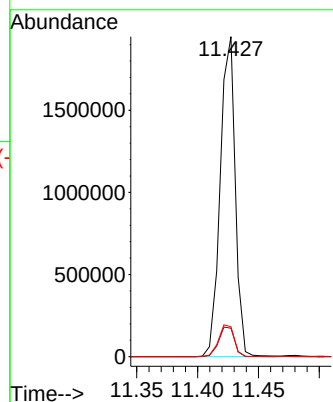
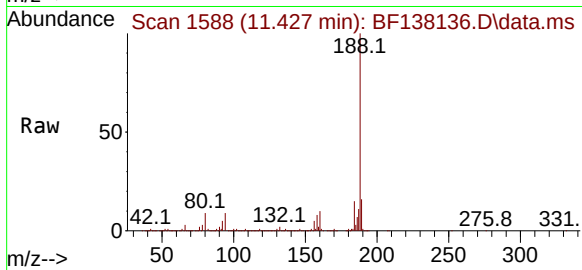
Tgt Ion:188 Resp: 1682050

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 9.4 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: BF138136.D

Acq: 06 Jun 2024 16:42

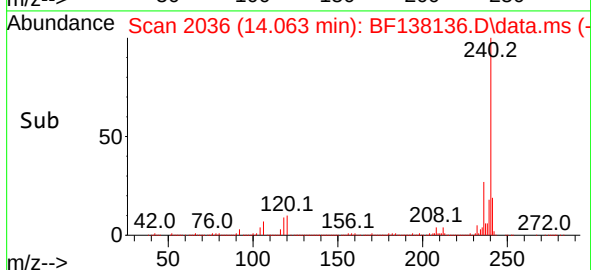
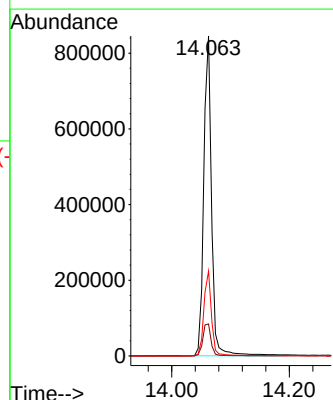
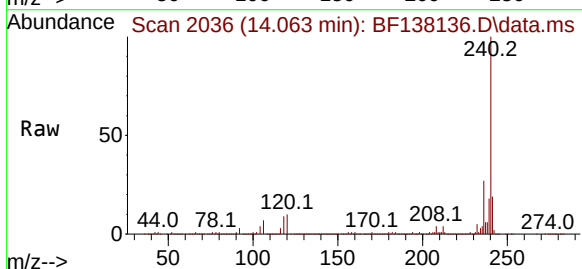
Tgt Ion:240 Resp: 776838

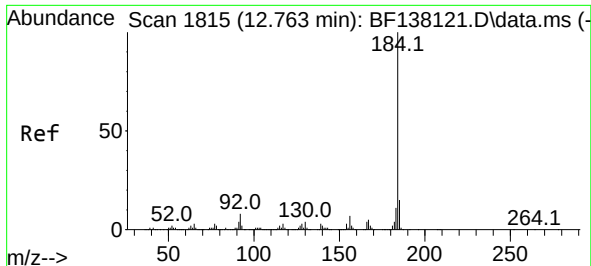
Ion Ratio Lower Upper

240 100

120 10.0 9.8 14.8

236 26.5 21.2 31.8

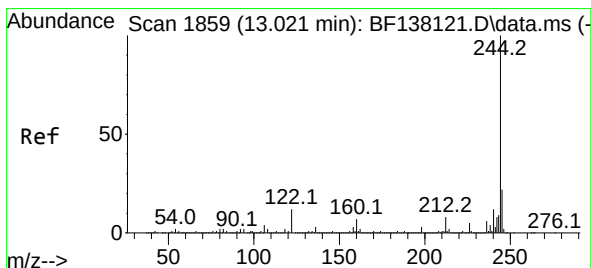
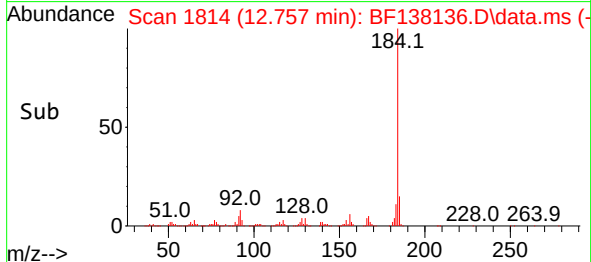
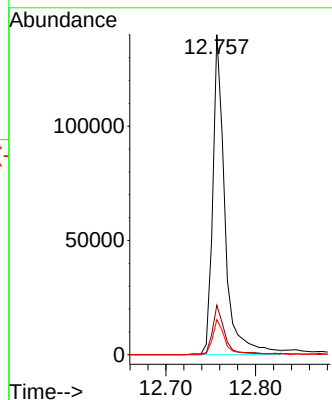
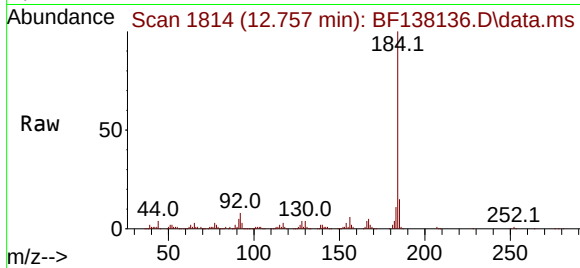




#77
Benzidine
Concen: 16.529 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

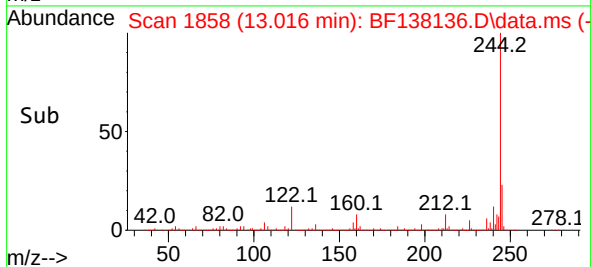
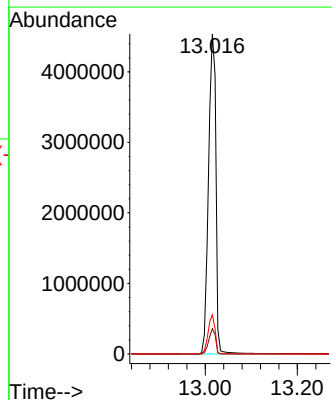
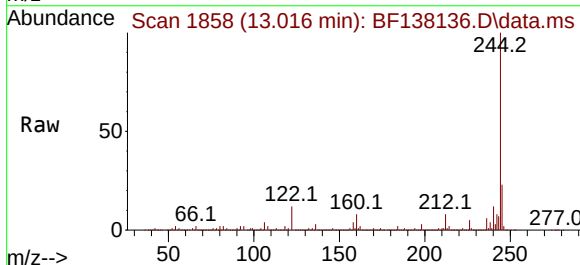
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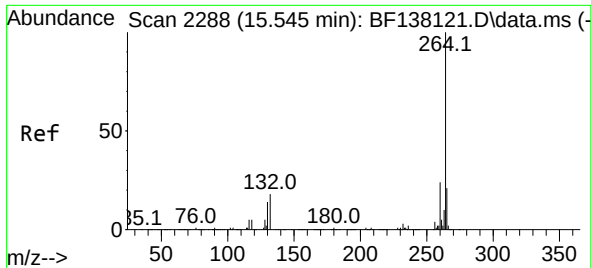
Tgt Ion:184 Resp: 132134
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 10.9 9.0 13.4



#79
Terphenyl-d14
Concen: 98.047 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BF138136.D
Acq: 06 Jun 2024 16:42

Tgt Ion:244 Resp: 5092268
Ion Ratio Lower Upper
244 100
212 7.9 6.4 9.6
122 12.3 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: BF138136.D
Acq: 06 Jun 2024 16:42

Instrument :
BNA_F
ClientSampleId :
WCS-TPU

Tgt Ion:264 Resp: 534338
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.6 17.1 25.7

