

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138137.D
 Acq On : 06 Jun 2024 17:12
 Operator : CG\JU
 Sample : P2704-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPN

Quant Time: Jun 07 03:14:27 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)

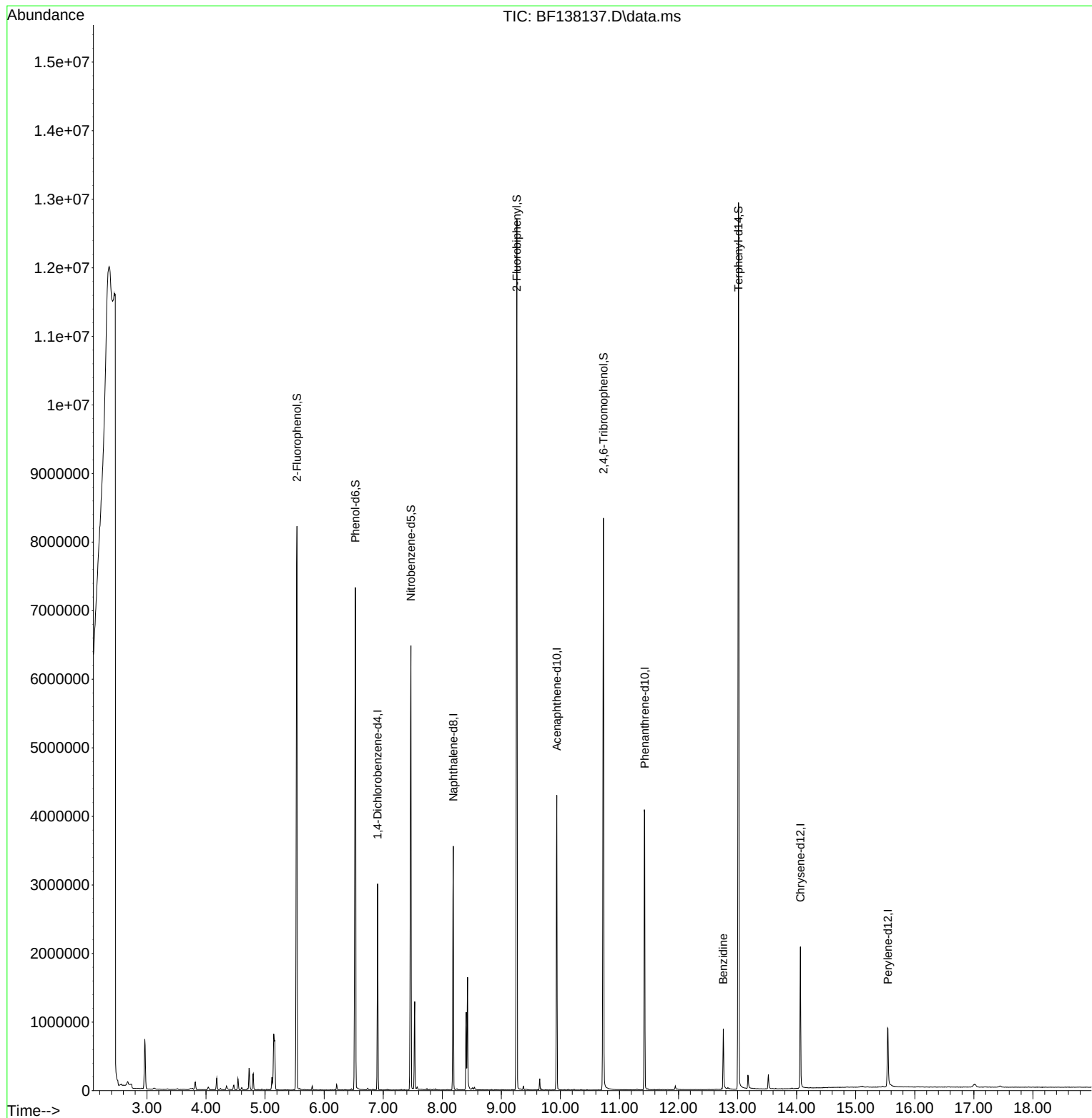
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	385804	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	1500403	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	860436	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1563613	20.000	ng	0.00
76) Chrysene-d12	14.063	240	688533	20.000	ng	0.00
86) Perylene-d12	15.545	264	502277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2638810	116.566	ng	0.01
7) Phenol-d6	6.528	99	3101793	108.295	ng	0.00
23) Nitrobenzene-d5	7.469	82	2141792	97.122	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	1218093	147.102	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4161099	84.560	ng	0.00
79) Terphenyl-d14	13.016	244	4970919	107.986	ng	0.00
Target Compounds						
77) Benzidine	12.757	184	338996	47.844	ng	Qvalue 100

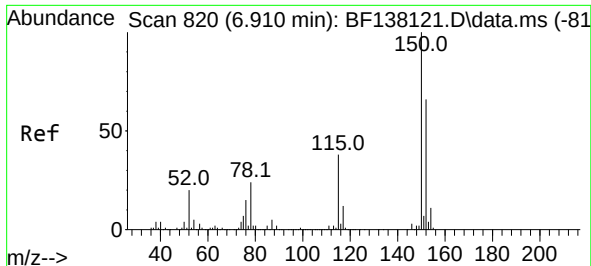
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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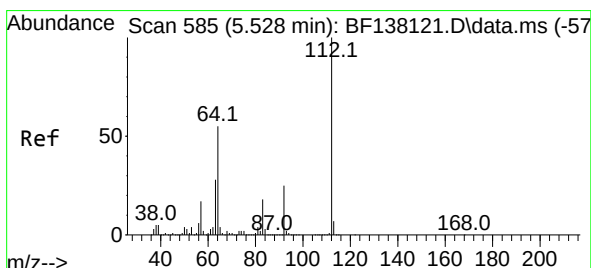
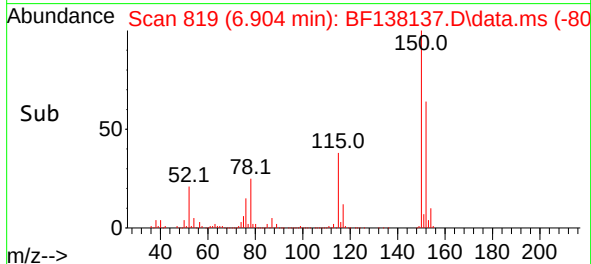
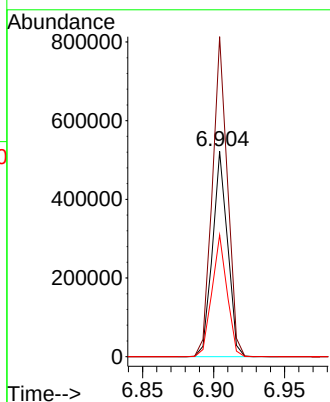
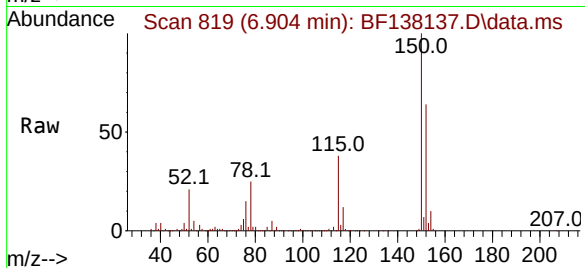




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF138137.D
 Acq: 06 Jun 2024 17:12

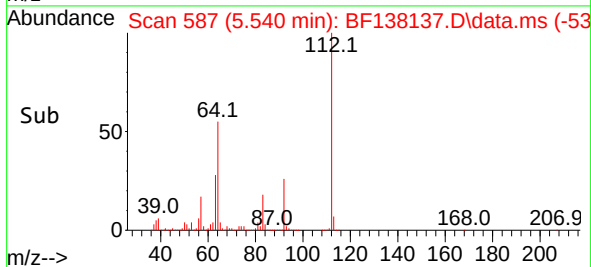
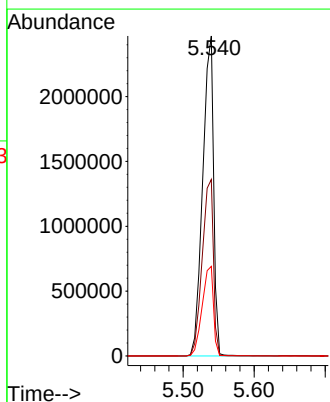
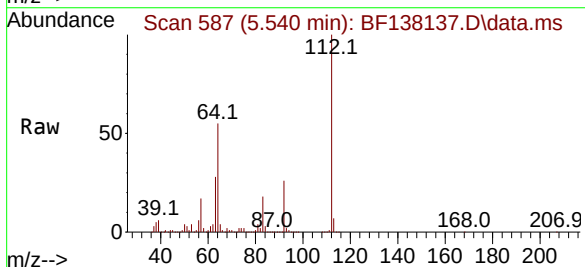
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPN

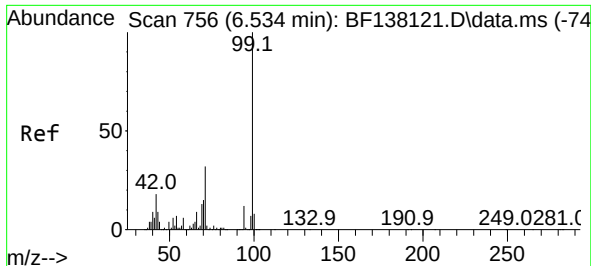
Tgt Ion:152 Resp: 385804
 Ion Ratio Lower Upper
 152 100
 150 155.8 121.8 182.6
 115 59.3 46.2 69.2



#5
 2-Fluorophenol
 Concen: 116.566 ng
 RT: 5.540 min Scan# 587
 Delta R.T. 0.012 min
 Lab File: BF138137.D
 Acq: 06 Jun 2024 17:12

Tgt Ion:112 Resp: 2638810
 Ion Ratio Lower Upper
 112 100
 64 55.2 44.0 66.0
 63 28.0 22.1 33.1

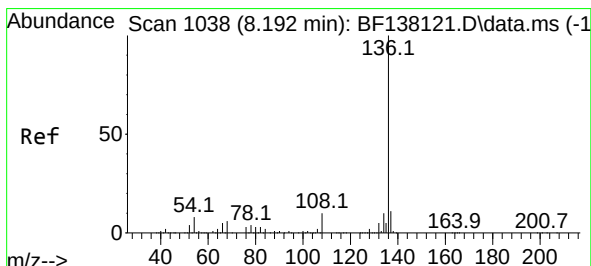
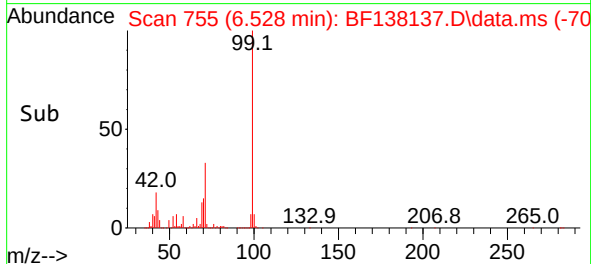
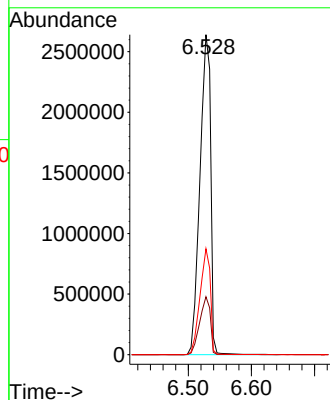
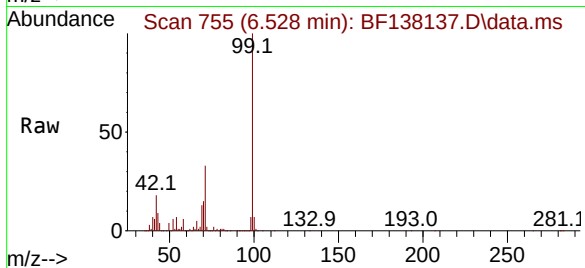




#7
Phenol-d6
Concen: 108.295 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138137.D
Acq: 06 Jun 2024 17:12

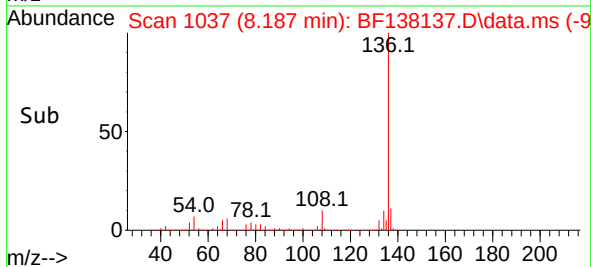
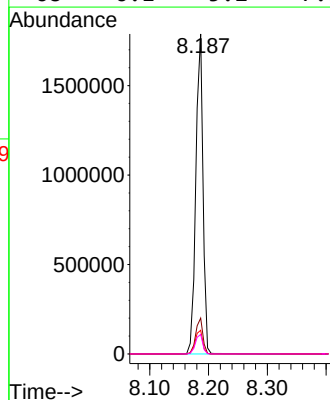
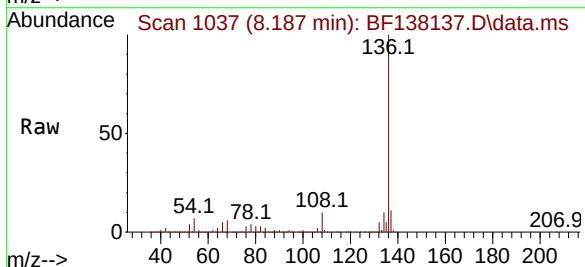
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

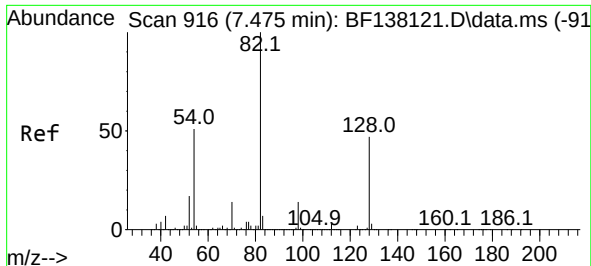
Tgt Ion: 99 Resp: 3101793
Ion Ratio Lower Upper
99 100
42 18.1 14.4 21.6
71 33.1 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138137.D
Acq: 06 Jun 2024 17:12

Tgt Ion:136 Resp: 1500403
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.4 6.2 9.2
68 6.1 5.2 7.8

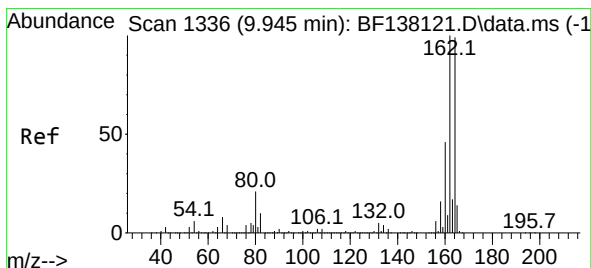
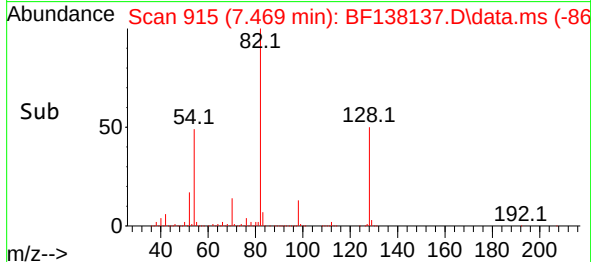
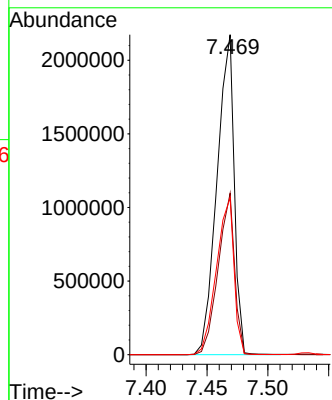
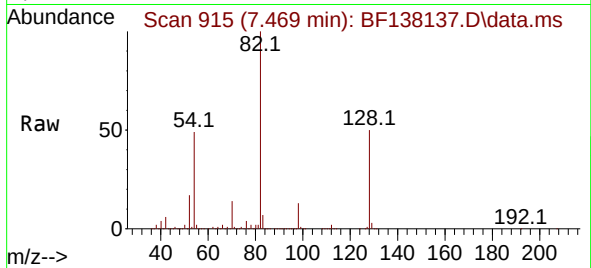




#23
Nitrobenzene-d5
Concen: 97.122 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF138137.D
Acq: 06 Jun 2024 17:12

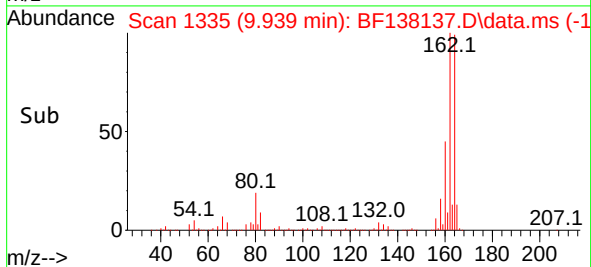
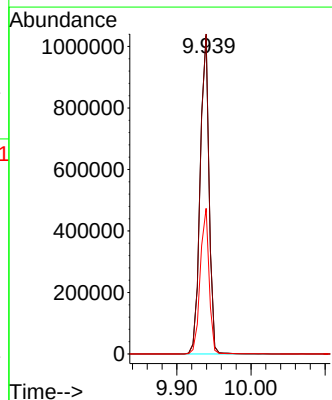
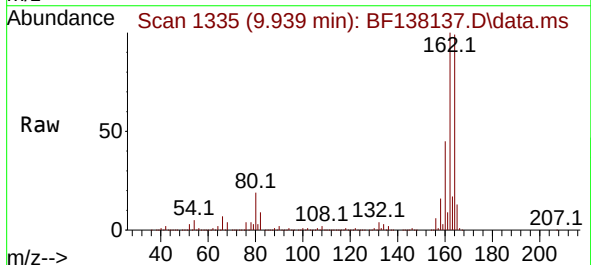
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

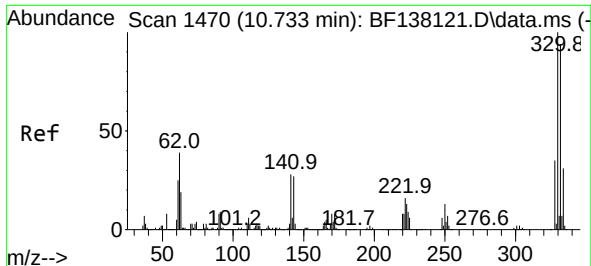
Tgt Ion: 82 Resp: 2141792
Ion Ratio Lower Upper
82 100
128 50.5 37.7 56.5
54 49.0 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138137.D
Acq: 06 Jun 2024 17:12

Tgt Ion: 164 Resp: 860436
Ion Ratio Lower Upper
164 100
162 100.5 80.9 121.3
160 45.7 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 147.102 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.005 min

Lab File: BF138137.D

Acq: 06 Jun 2024 17:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPN

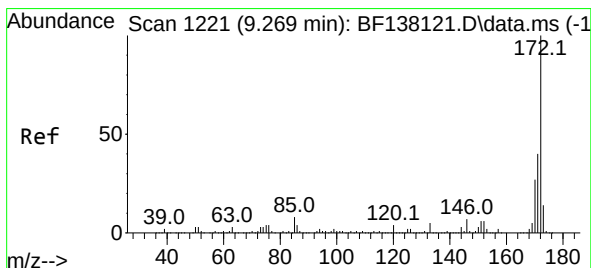
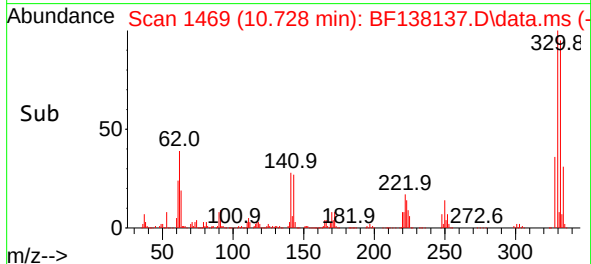
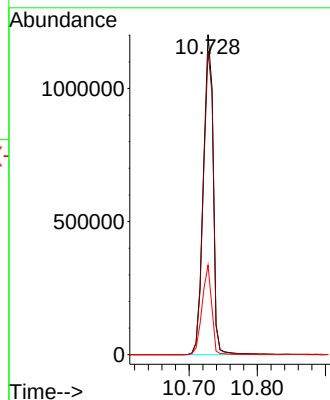
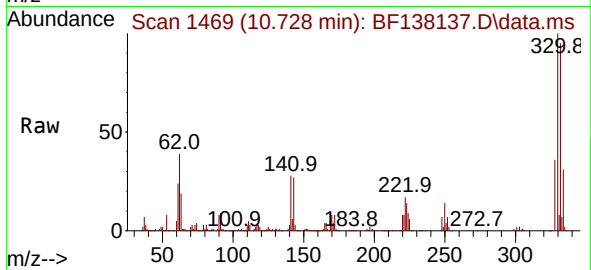
Tgt Ion:330 Resp: 1218093

Ion Ratio Lower Upper

330 100

332 96.3 75.8 113.8

141 27.3 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 84.560 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138137.D

Acq: 06 Jun 2024 17:12

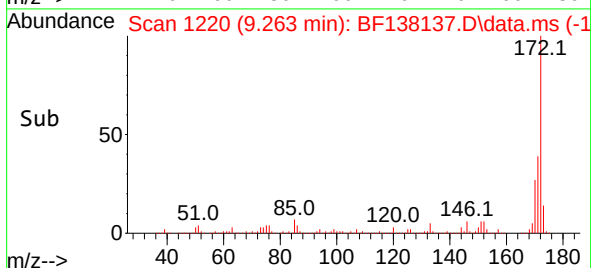
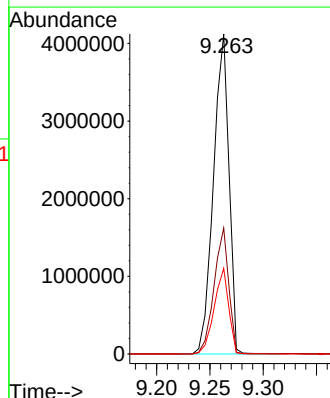
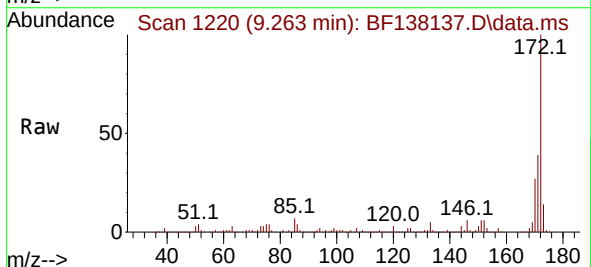
Tgt Ion:172 Resp: 4161099

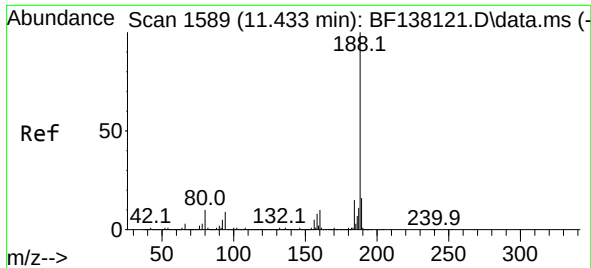
Ion Ratio Lower Upper

172 100

171 39.3 31.6 47.4

170 26.8 21.4 32.2

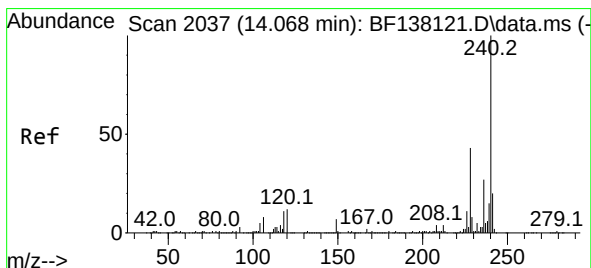
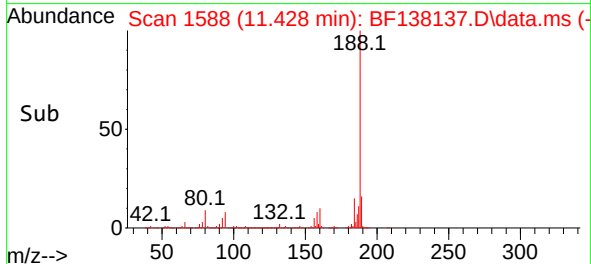
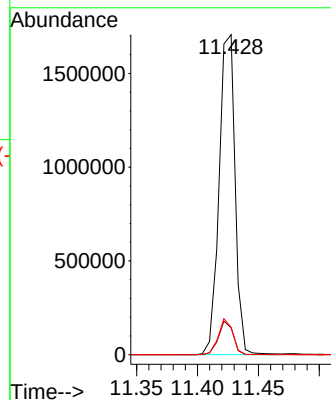
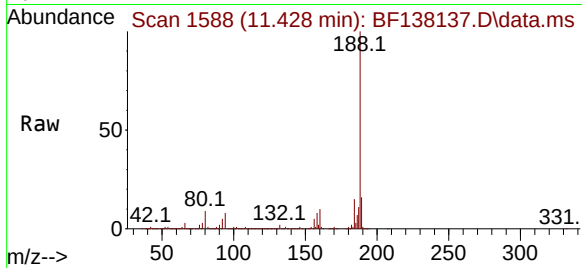




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138137.D
Acq: 06 Jun 2024 17:12

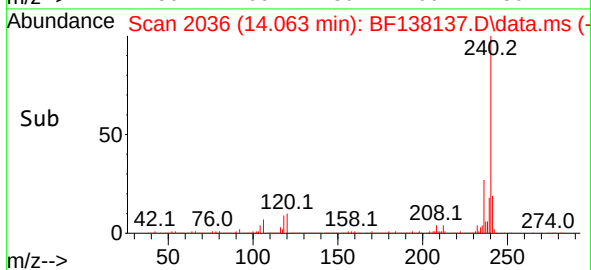
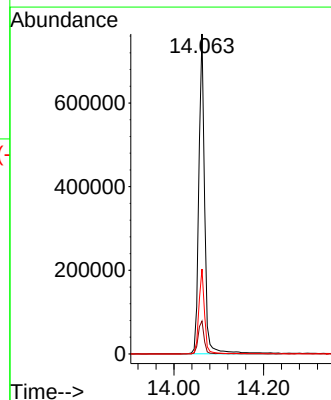
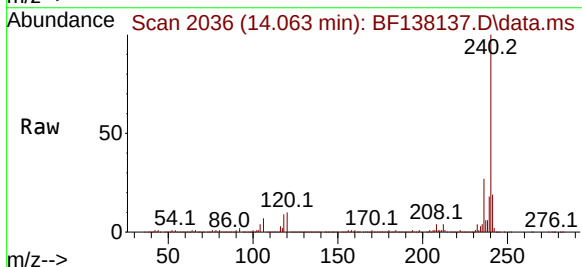
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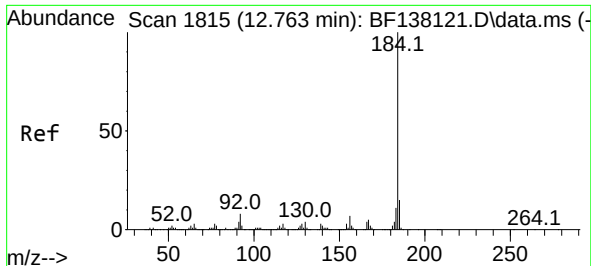
Tgt Ion:188 Resp: 1563613
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 8.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138137.D
Acq: 06 Jun 2024 17:12

Tgt Ion:240 Resp: 688533
Ion Ratio Lower Upper
240 100
120 10.3 9.8 14.8
236 26.6 21.2 31.8

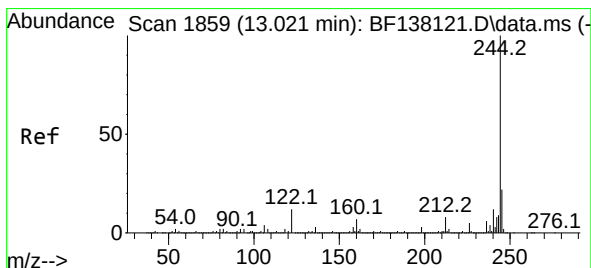
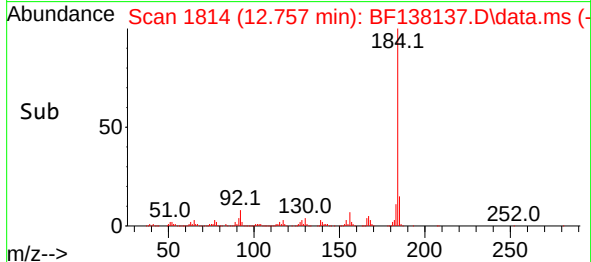
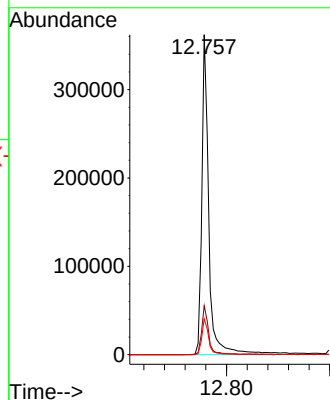
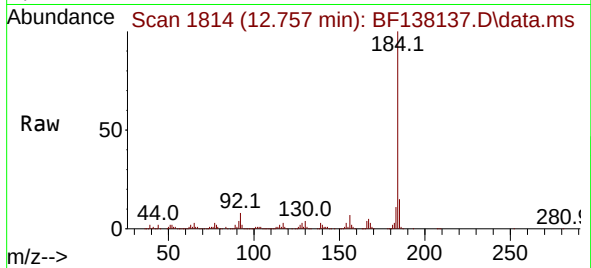




#77
Benzidine
Concen: 47.844 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF138137.D
Acq: 06 Jun 2024 17:12

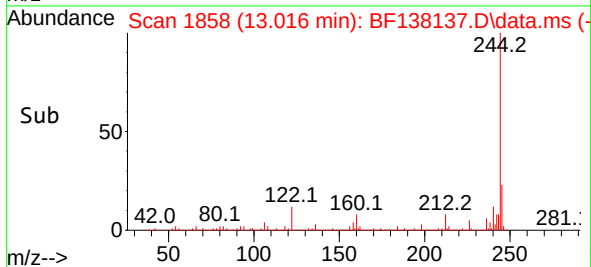
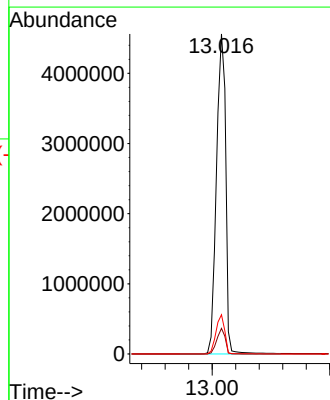
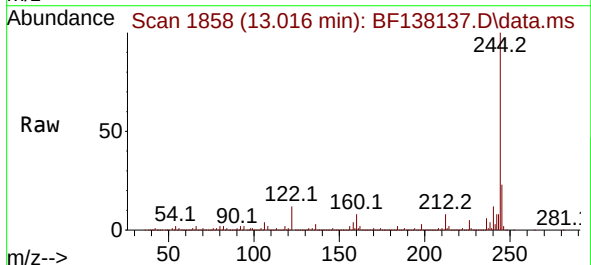
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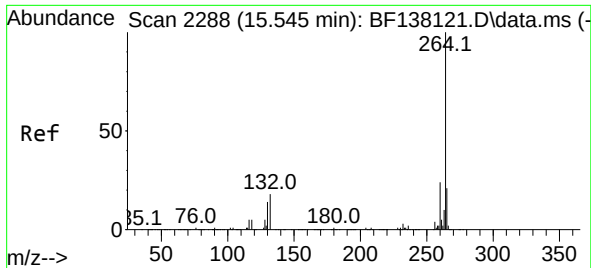
Tgt Ion:184 Resp: 338996
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 11.2 9.0 13.4



#79
Terphenyl-d14
Concen: 107.986 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BF138137.D
Acq: 06 Jun 2024 17:12

Tgt Ion:244 Resp: 4970919
Ion Ratio Lower Upper
244 100
212 8.0 6.4 9.6
122 12.3 9.4 14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138137.D
Acq: 06 Jun 2024 17:12

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

Tgt Ion:264 Resp: 502277

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.6	17.1	25.7

