

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138157.D
 Acq On : 07 Jun 2024 13:36
 Operator : CG\JU
 Sample : P2740-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPB

Quant Time: Jun 07 14:06:08 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	398665	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1545824	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	882601	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	1453533	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	579289	20.000	ng	0.00
86) Perylene-d12	15.545	264	514906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2364029	101.059	ng	0.00
7) Phenol-d6	6.528	99	2976216	100.558	ng	0.00
23) Nitrobenzene-d5	7.469	82	1760490	77.486	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	877805	103.345	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3251055	64.407	ng	0.00
79) Terphenyl-d14	13.010	244	3007399	77.652	ng	-0.01

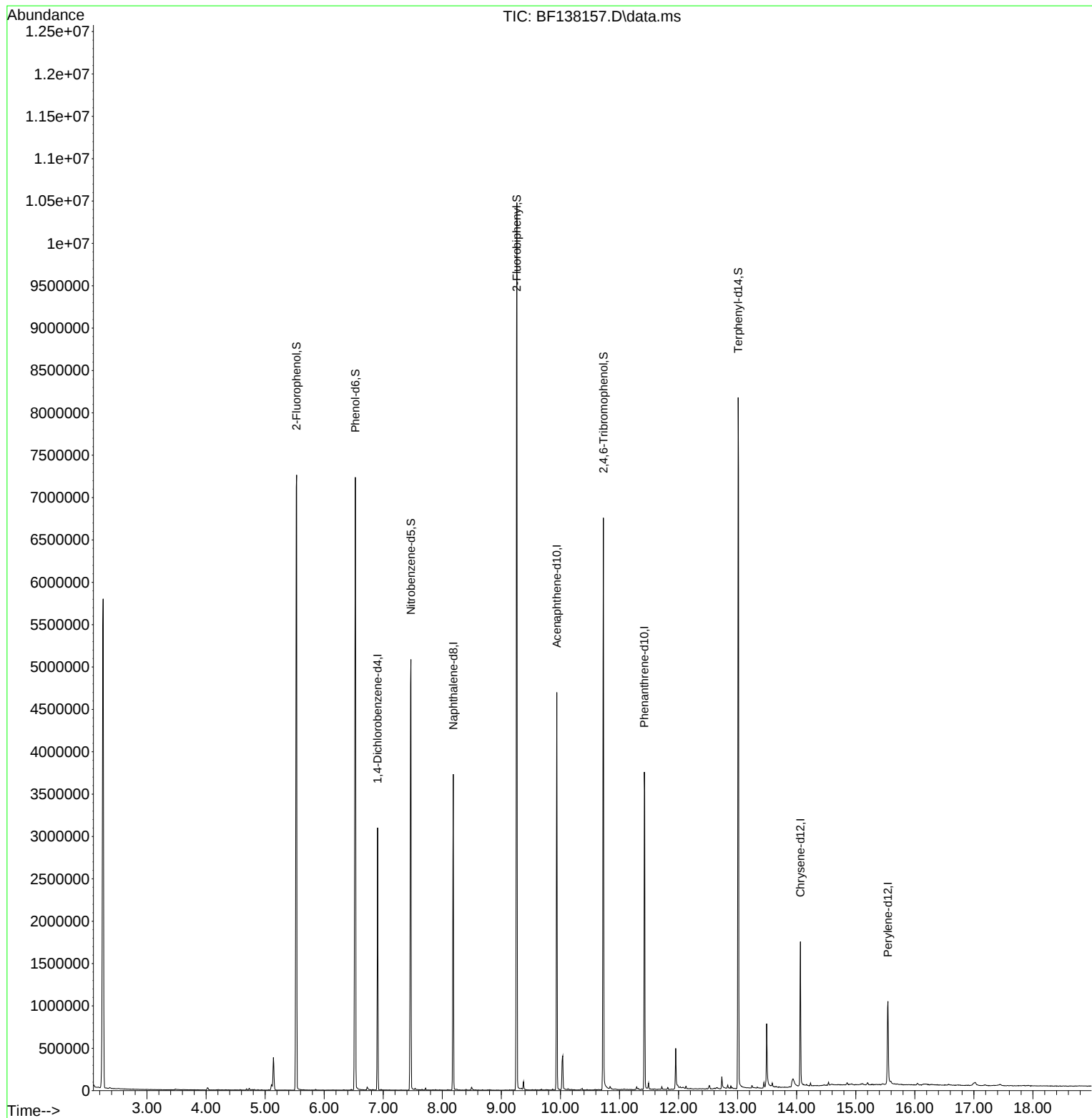
Target Compounds	Qvalue

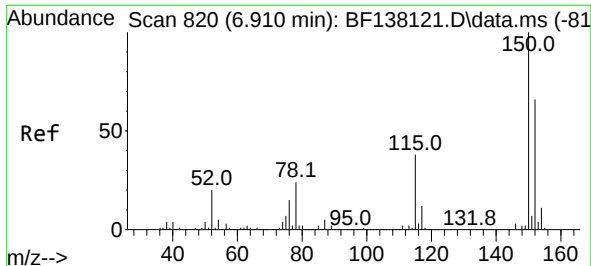
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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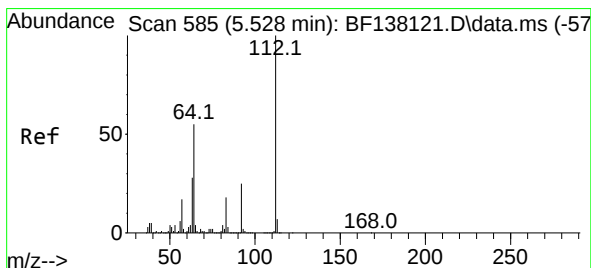
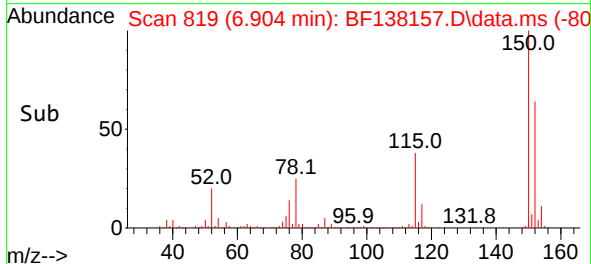
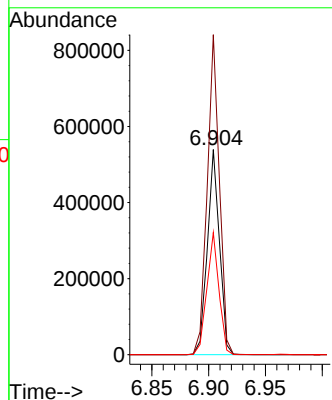
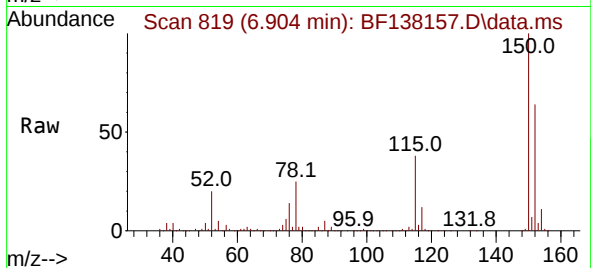




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF138157.D
 Acq: 07 Jun 2024 13:36

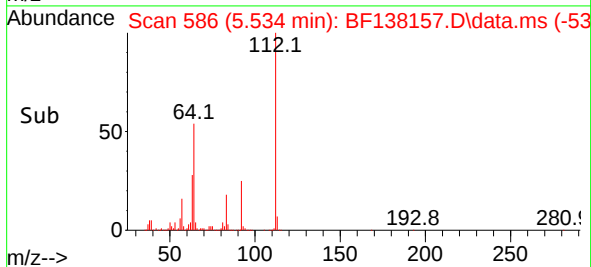
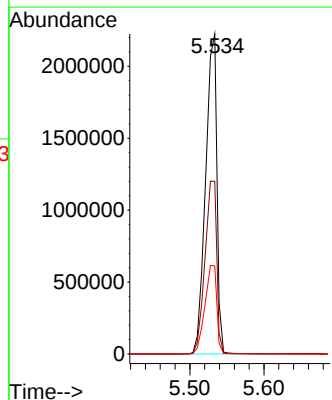
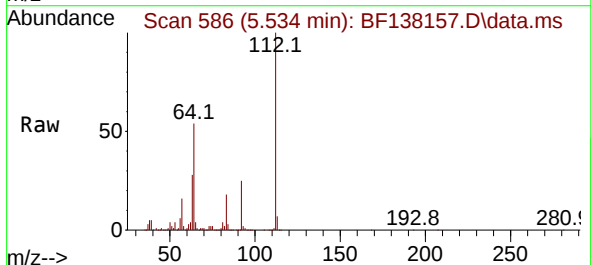
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPB

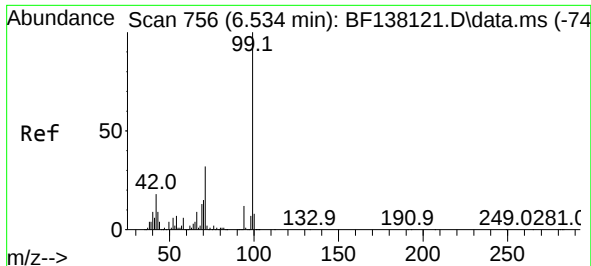
Tgt Ion:152 Resp: 398665
 Ion Ratio Lower Upper
 152 100
 150 156.0 121.8 182.6
 115 59.5 46.2 69.2



#5
 2-Fluorophenol
 Concen: 101.059 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.006 min
 Lab File: BF138157.D
 Acq: 07 Jun 2024 13:36

Tgt Ion:112 Resp: 2364029
 Ion Ratio Lower Upper
 112 100
 64 53.9 44.0 66.0
 63 27.5 22.1 33.1

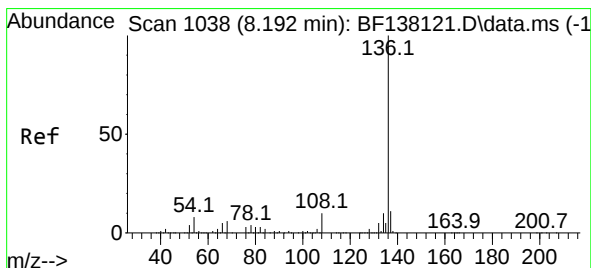
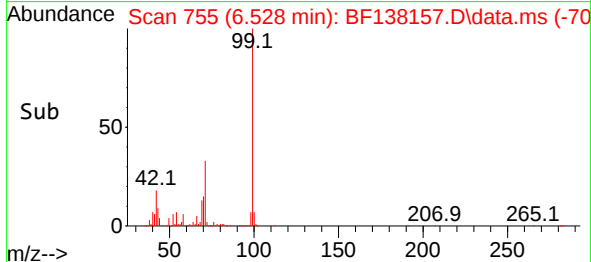
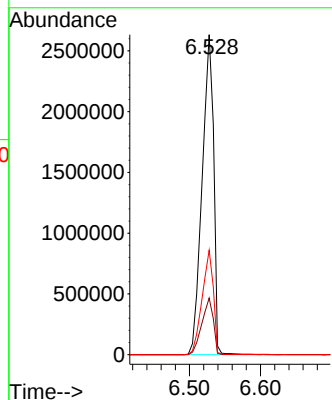
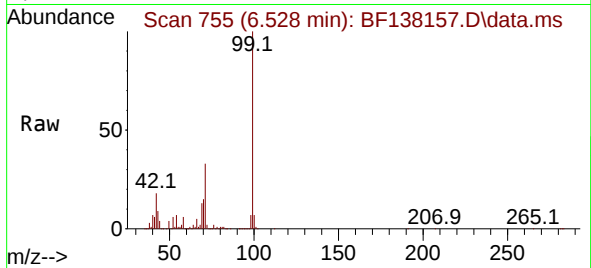




#7
Phenol-d6
Concen: 100.558 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138157.D
Acq: 07 Jun 2024 13:36

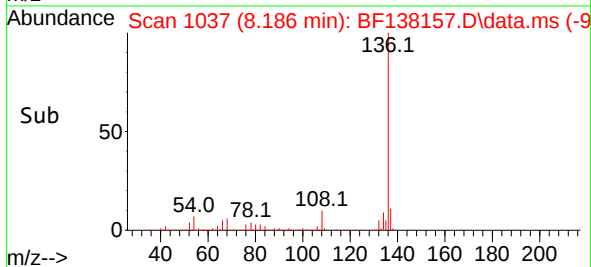
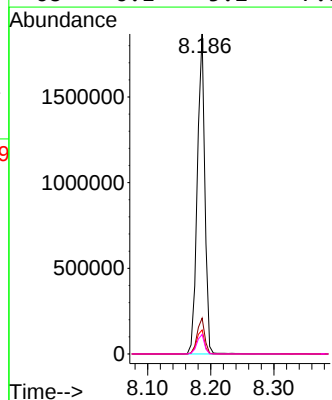
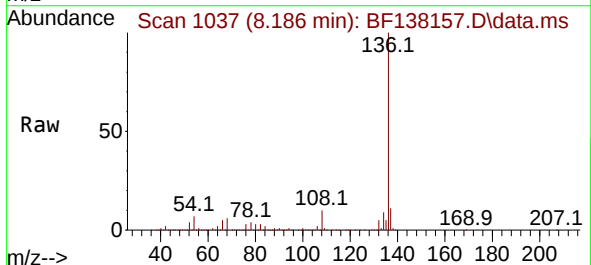
Instrument :
BNA_F
ClientSampleId :
WCS-TPB

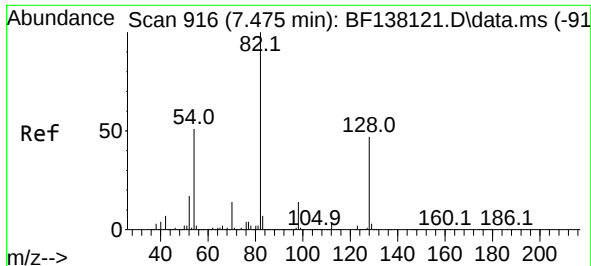
Tgt Ion: 99 Resp: 2976216
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 32.7 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138157.D
Acq: 07 Jun 2024 13:36

Tgt Ion:136 Resp: 1545824
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.5 6.2 9.2
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 77.486 ng

RT: 7.469 min Scan# 916

Delta R.T. -0.006 min

Lab File: BF138157.D

Acq: 07 Jun 2024 13:36

Instrument :

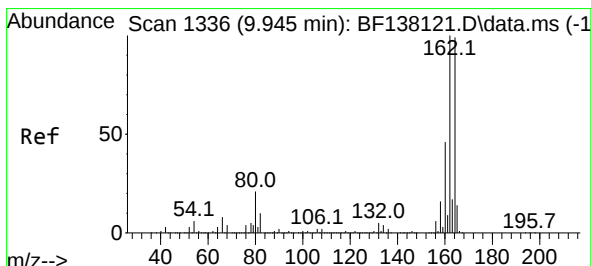
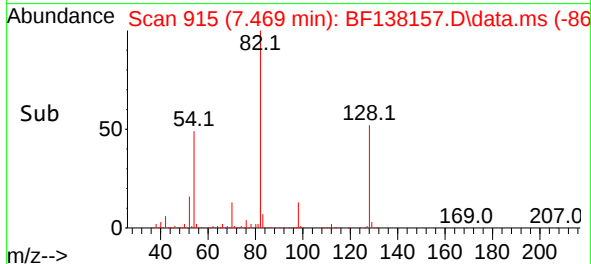
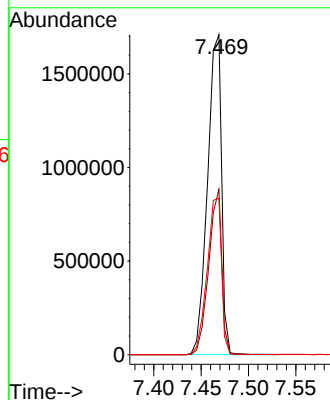
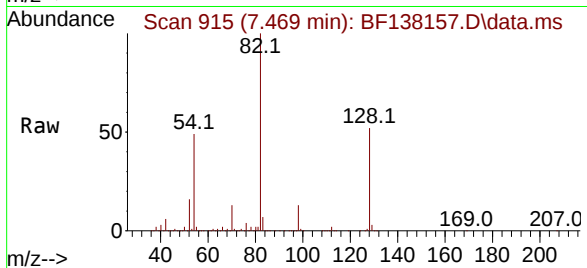
BNA_F

ClientSampleId :

WCS-TPB

Tgt Ion: 82 Resp: 1760490

Ion	Ratio	Lower	Upper
82	100		
128	51.6	37.7	56.5
54	49.0	40.8	61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1335

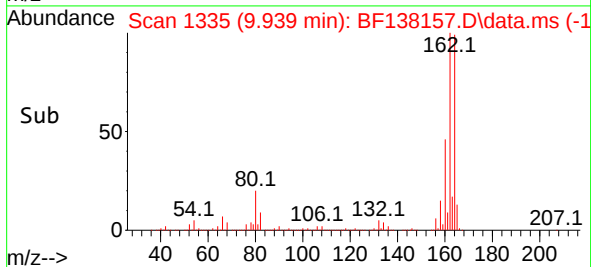
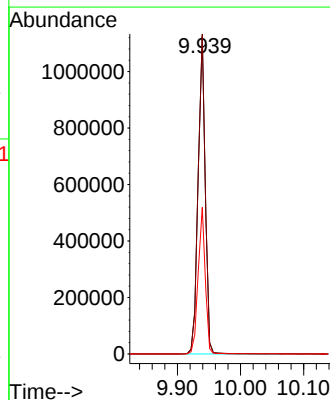
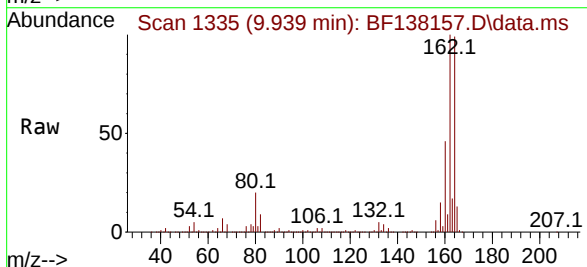
Delta R.T. -0.006 min

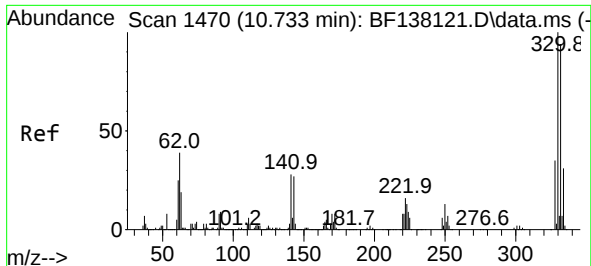
Lab File: BF138157.D

Acq: 07 Jun 2024 13:36

Tgt Ion: 164 Resp: 882601

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.9	121.3
160	46.1	37.0	55.6

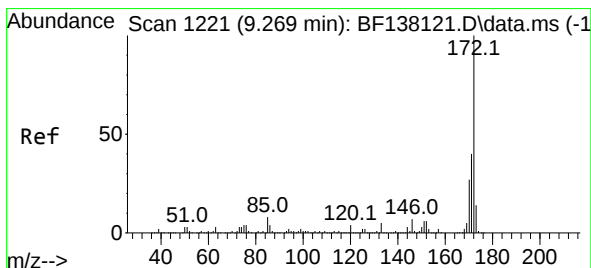
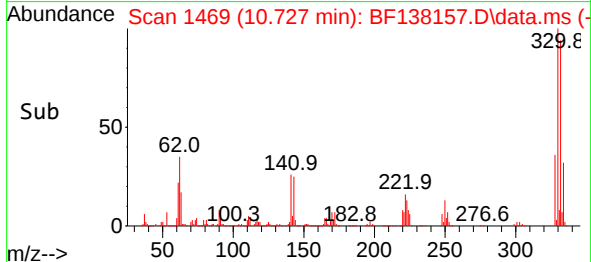
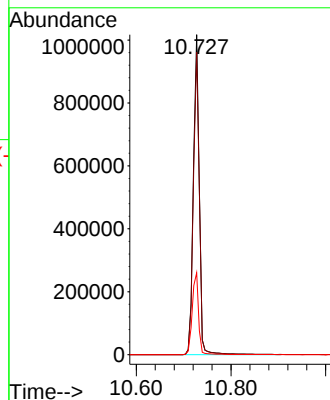
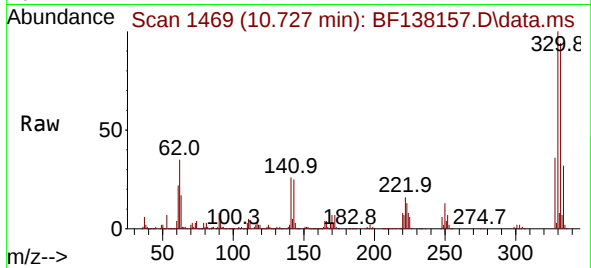




#42
2,4,6-Tribromophenol
Concen: 103.345 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF138157.D
Acq: 07 Jun 2024 13:36

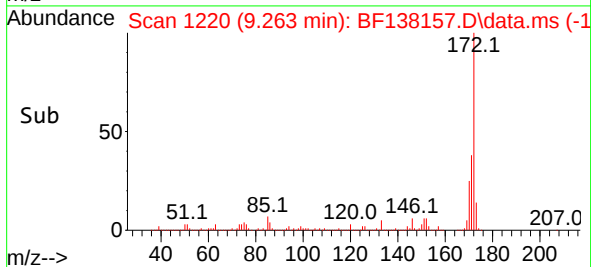
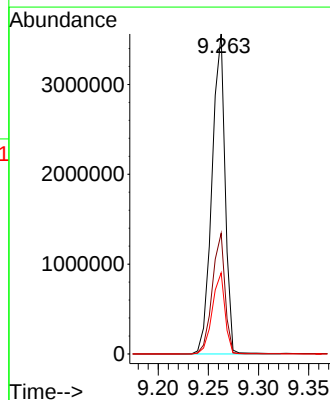
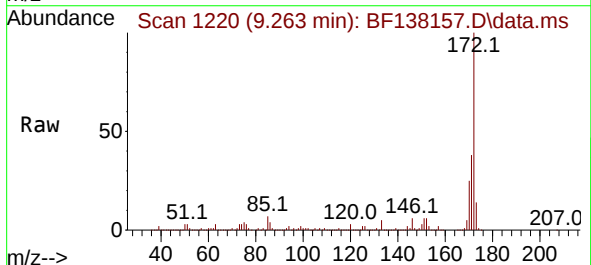
Instrument :
BNA_F
ClientSampleId :
WCS-TPB

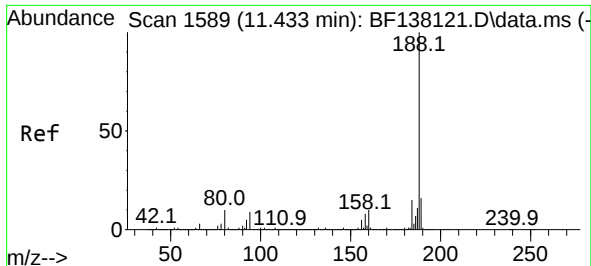
Tgt Ion:330 Resp: 877805
Ion Ratio Lower Upper
330 100
332 95.0 75.8 113.8
141 27.5 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 64.407 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF138157.D
Acq: 07 Jun 2024 13:36

Tgt Ion:172 Resp: 3251055
Ion Ratio Lower Upper
172 100
171 37.7 31.6 47.4
170 25.4 21.4 32.2

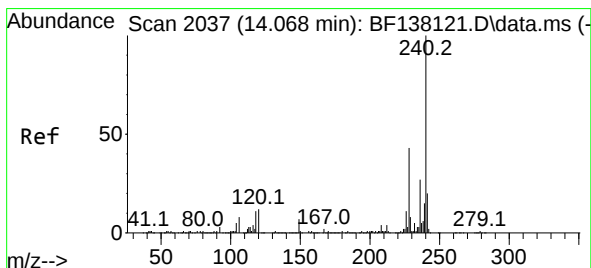
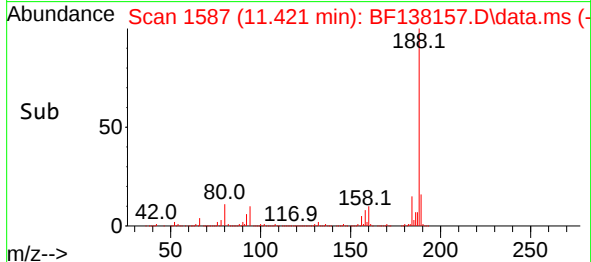
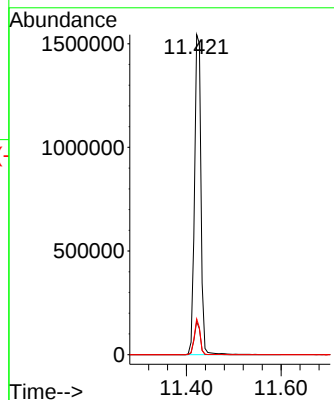
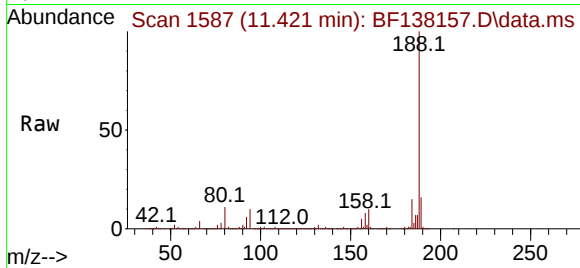




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138157.D
Acq: 07 Jun 2024 13:36

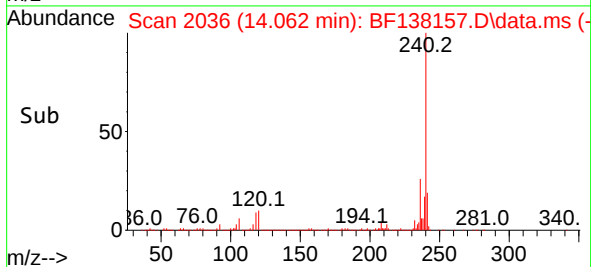
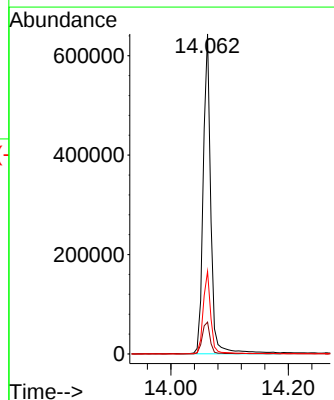
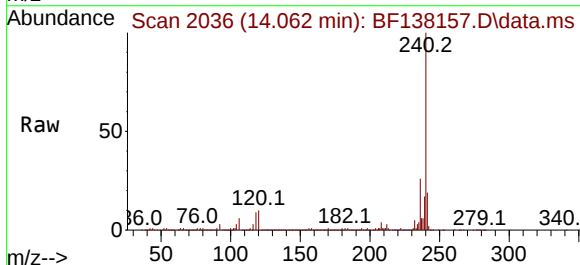
Instrument :
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ClientSampleId :
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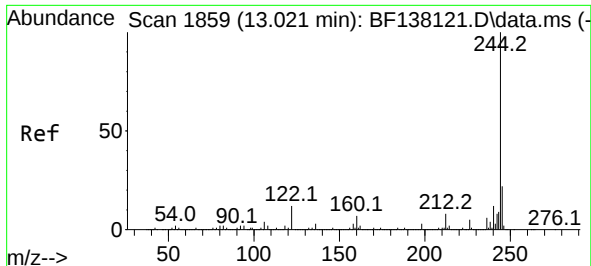
Tgt Ion:188 Resp: 1453533
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF138157.D
Acq: 07 Jun 2024 13:36

Tgt Ion:240 Resp: 579289
Ion Ratio Lower Upper
240 100
120 10.0 9.8 14.8
236 25.8 21.2 31.8

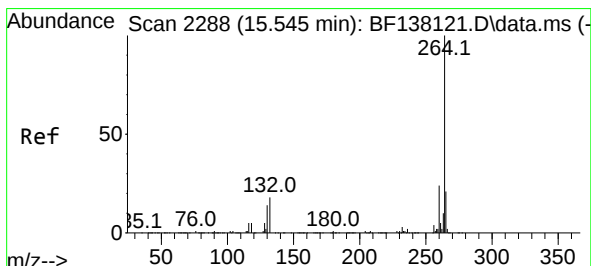
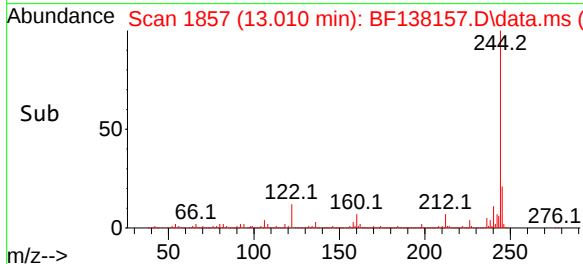
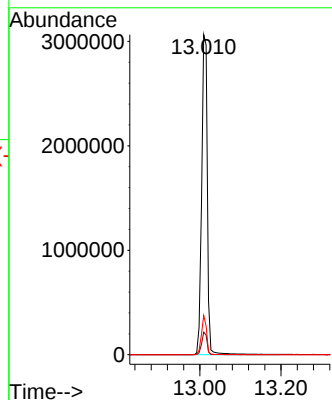
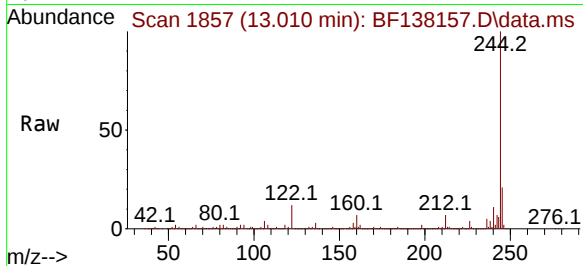




#79
 Terphenyl-d14
 Concen: 77.652 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. -0.012 min
 Lab File: BF138157.D
 Acq: 07 Jun 2024 13:36

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPB

Tgt Ion:244 Resp: 3007399
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.4 9.6
 122 12.2 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: BF138157.D
 Acq: 07 Jun 2024 13:36

Tgt Ion:264 Resp: 514906
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.3 17.1 25.7

