

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138031.D
 Acq On : 23 May 2024 17:00
 Operator : CG\JU
 Sample : P2578-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-052224

Quant Time: May 23 17:22:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

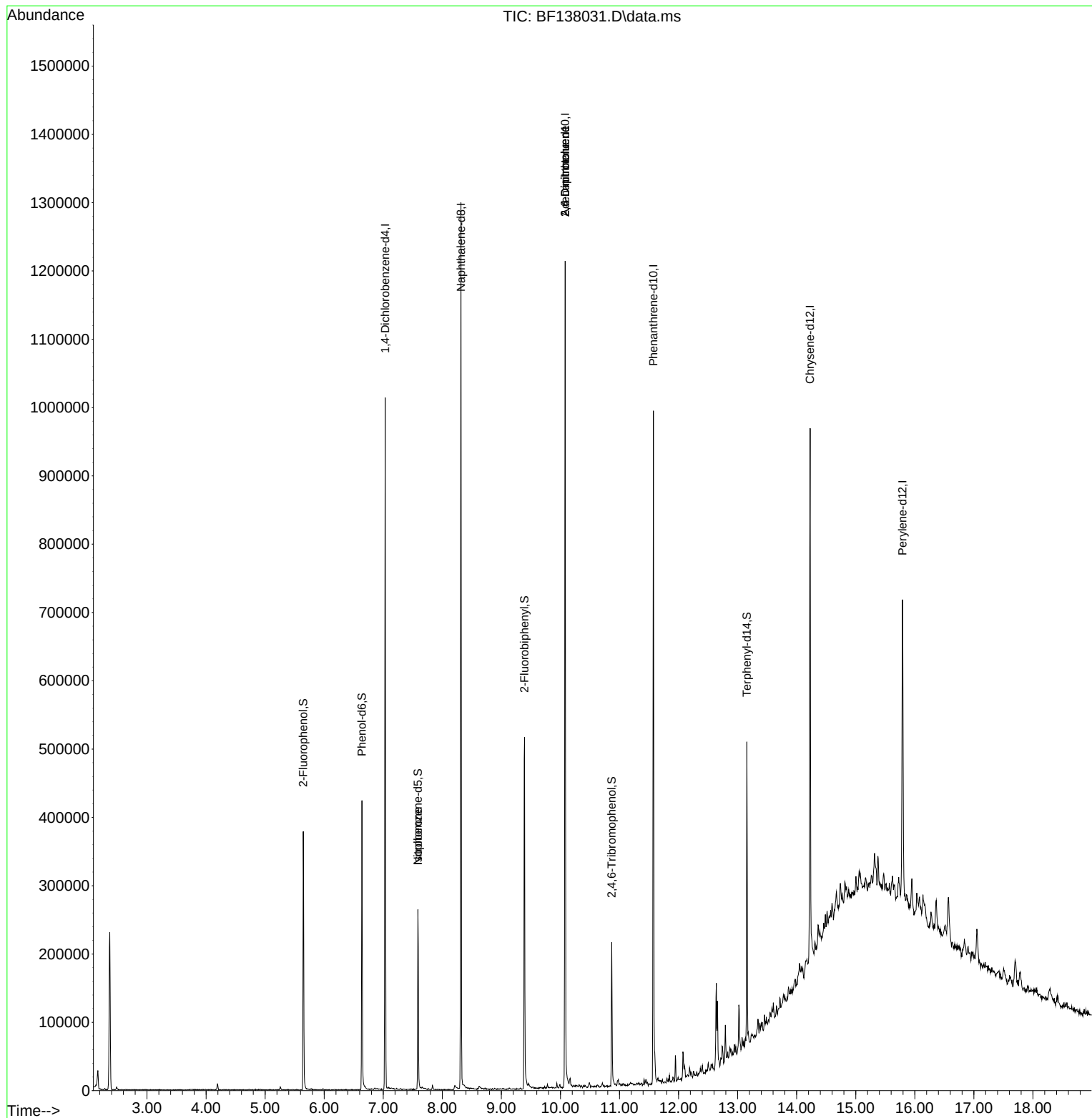
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	140676	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	523349	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	254314	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	356854	20.000	ng	0.00
76) Chrysene-d12	14.227	240	266323	20.000	ng	0.00
86) Perylene-d12	15.792	264	215983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.645	112	108921	13.152	ng	-0.02
7) Phenol-d6	6.640	99	139241	13.649	ng	-0.02
23) Nitrobenzene-d5	7.586	82	82460	9.273	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	28491	11.111	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	183432	11.111	ng	0.00
79) Terphenyl-d14	13.157	244	144041	7.971	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.586	82	82458	5.343	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	33078	9.037	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	33291	7.036	ng	# 33

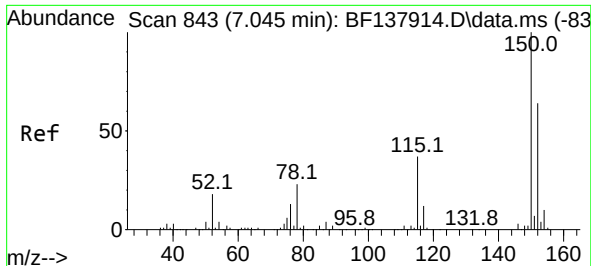
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 23 17:22:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

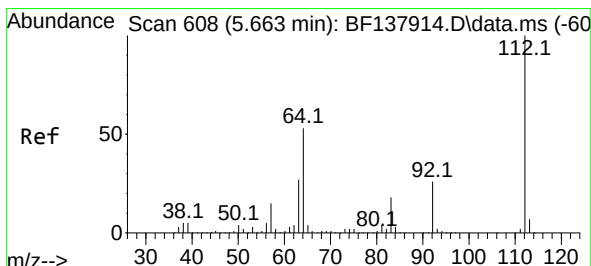
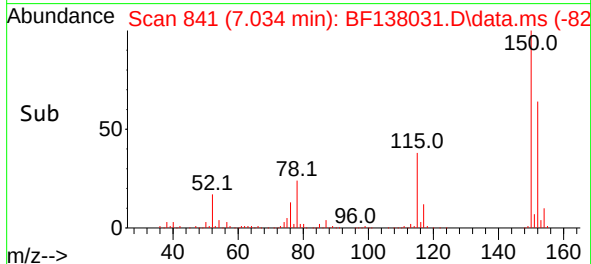
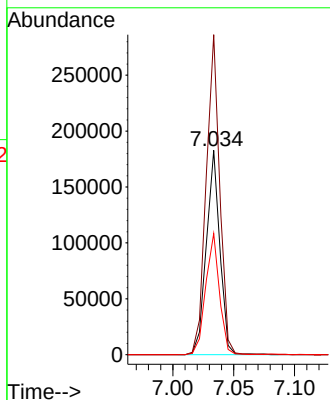
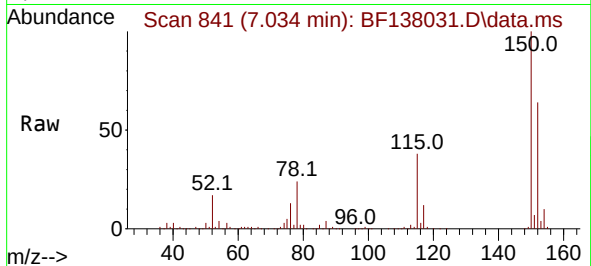




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138031.D
Acq: 23 May 2024 17:00

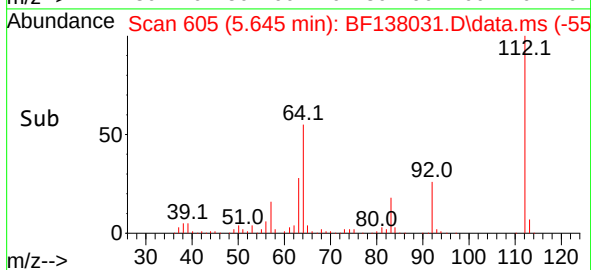
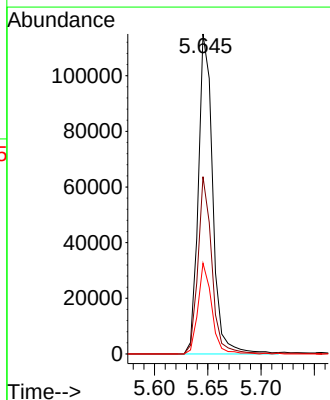
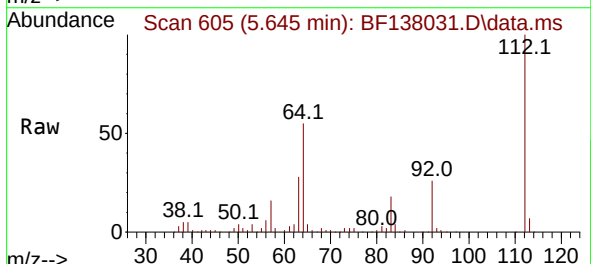
Instrument :
BNA_F
ClientSampleId :
OR-02-052224

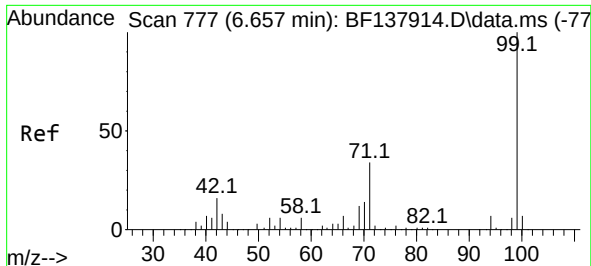
Tgt Ion:152 Resp: 140676
Ion Ratio Lower Upper
152 100
150 156.6 125.7 188.5
115 59.3 47.0 70.6



#5
2-Fluorophenol
Concen: 13.152 ng
RT: 5.645 min Scan# 605
Delta R.T. -0.018 min
Lab File: BF138031.D
Acq: 23 May 2024 17:00

Tgt Ion:112 Resp: 108921
Ion Ratio Lower Upper
112 100
64 55.4 42.4 63.6
63 28.3 21.4 32.2

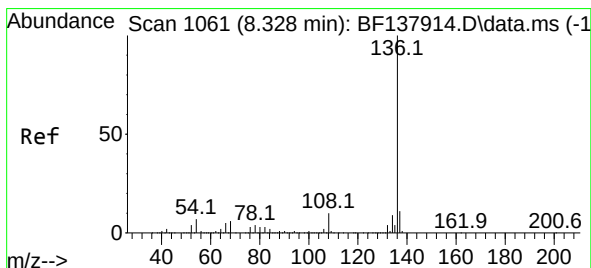
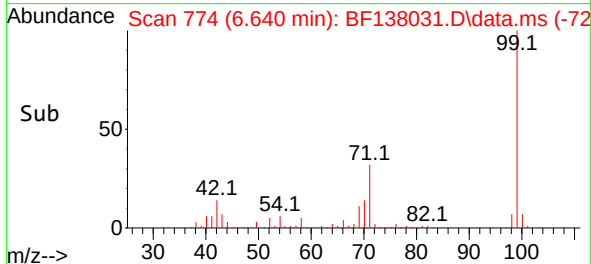
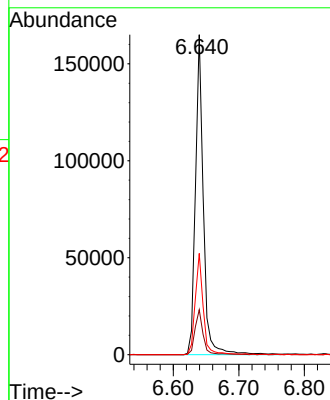
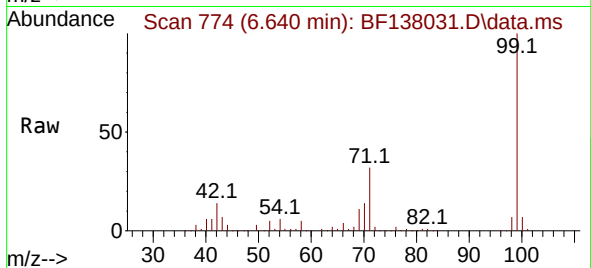




#7
Phenol-d6
Concen: 13.649 ng
RT: 6.640 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138031.D
Acq: 23 May 2024 17:00

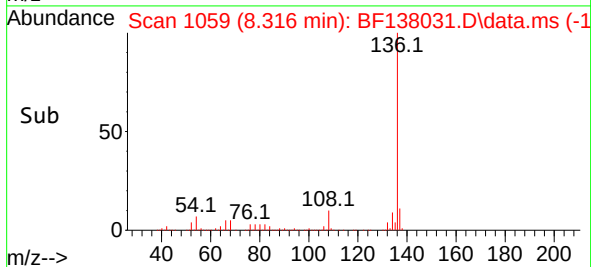
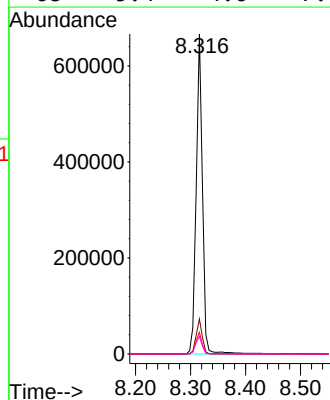
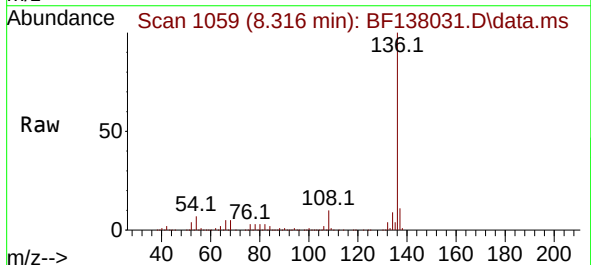
Instrument :
BNA_F
ClientSampleId :
OR-02-052224

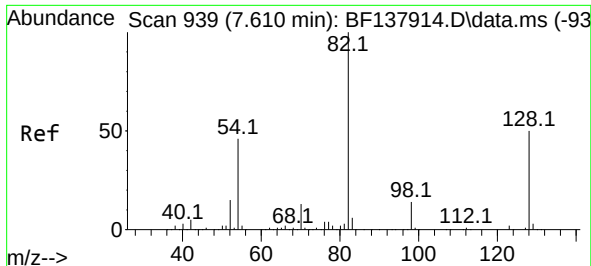
Tgt Ion: 99 Resp: 139241
Ion Ratio Lower Upper
99 100
42 14.1 12.6 18.8
71 31.6 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138031.D
Acq: 23 May 2024 17:00

Tgt Ion: 136 Resp: 523349
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.8 5.4 8.2
68 5.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 9.273 ng

RT: 7.586 min Scan# 91

Delta R.T. -0.023 min

Lab File: BF138031.D

Acq: 23 May 2024 17:00

Instrument :

BNA_F

ClientSampleId :

OR-02-052224

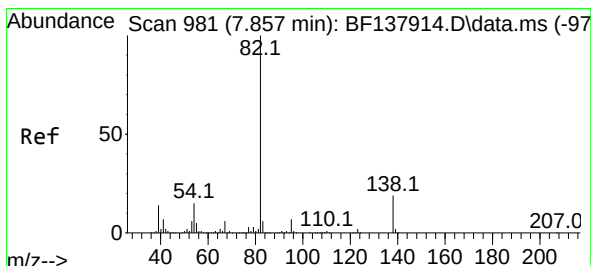
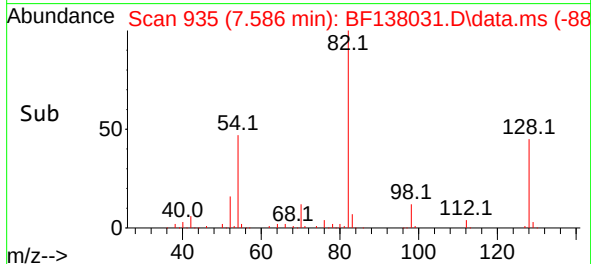
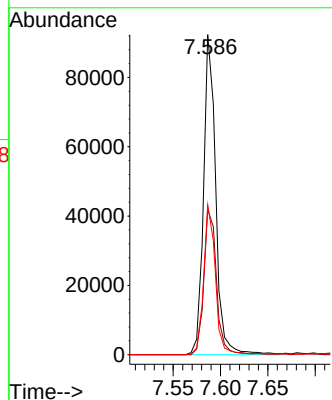
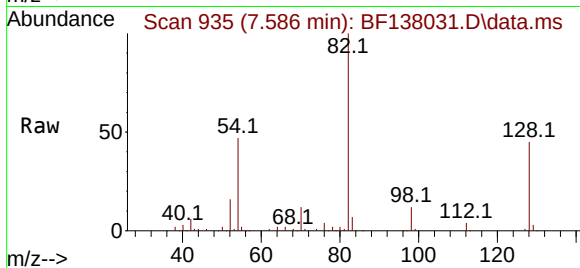
Tgt Ion: 82 Resp: 82460

Ion Ratio Lower Upper

82 100

128 45.4 40.3 60.5

54 46.8 36.8 55.2



#25

Isophorone

Concen: 5.343 ng

RT: 7.586 min Scan# 935

Delta R.T. -0.271 min

Lab File: BF138031.D

Acq: 23 May 2024 17:00

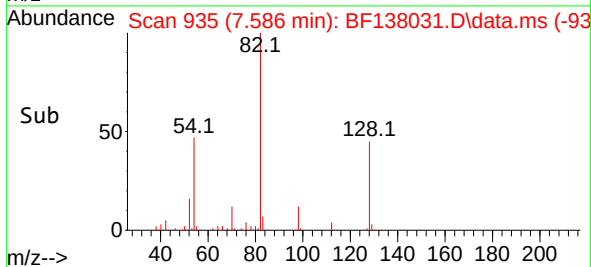
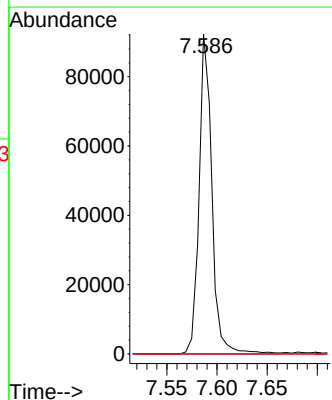
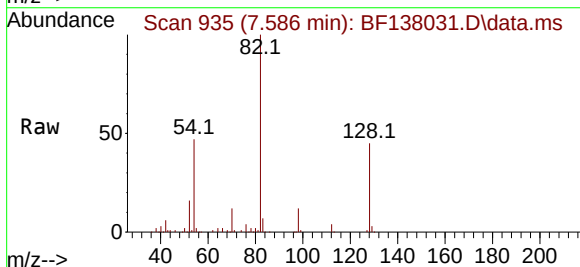
Tgt Ion: 82 Resp: 82458

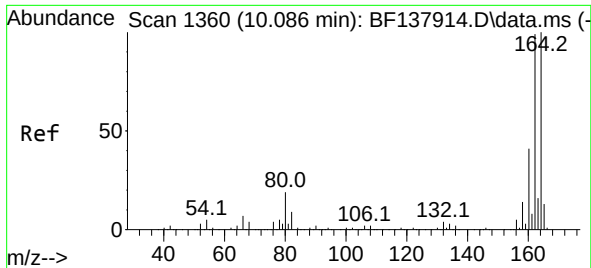
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 15.0 22.4#

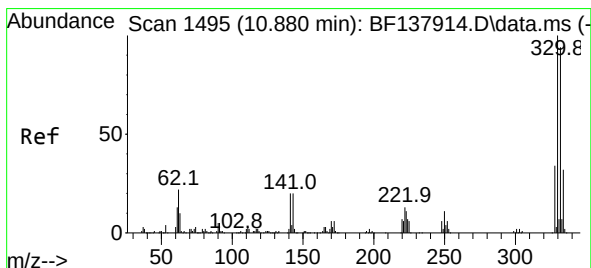
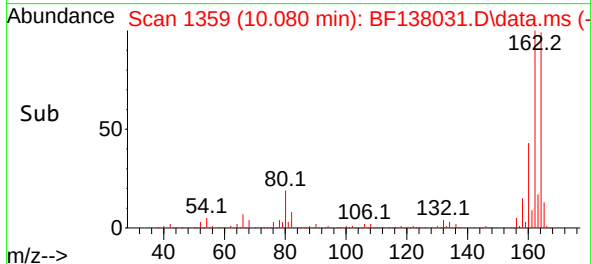
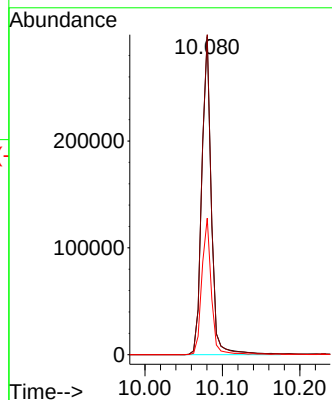
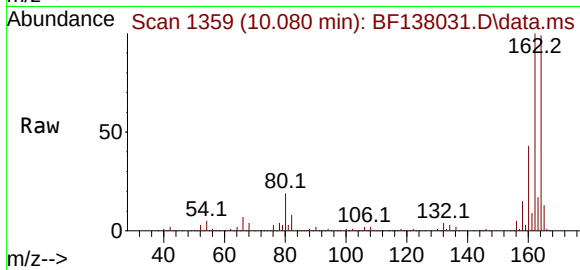




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138031.D
Acq: 23 May 2024 17:00

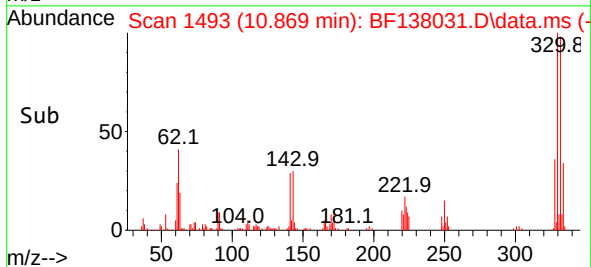
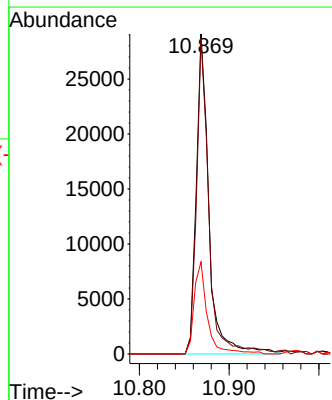
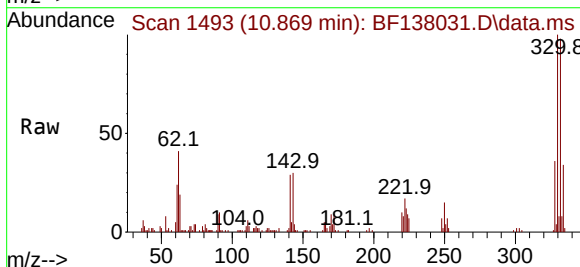
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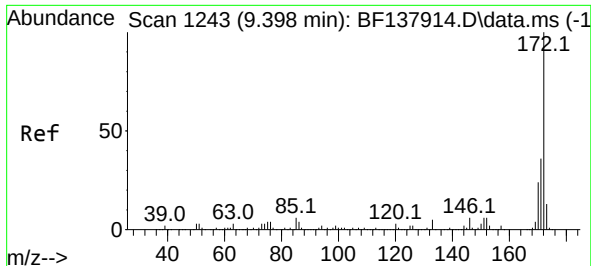
Tgt Ion:164 Resp: 254314
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 42.9 33.1 49.7



#42
2,4,6-Tribromophenol
Concen: 11.111 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF138031.D
Acq: 23 May 2024 17:00

Tgt Ion:330 Resp: 28491
Ion Ratio Lower Upper
330 100
332 95.4 75.8 113.8
141 30.1 23.8 35.6

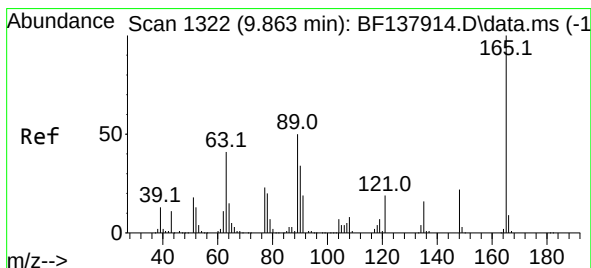
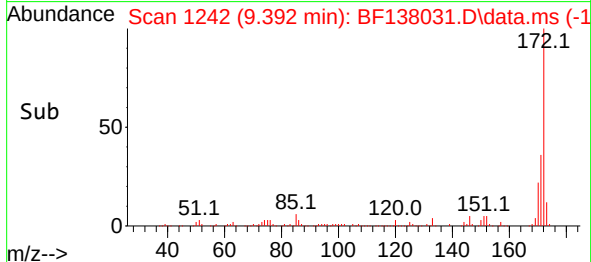
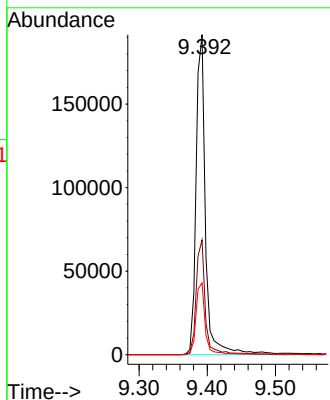
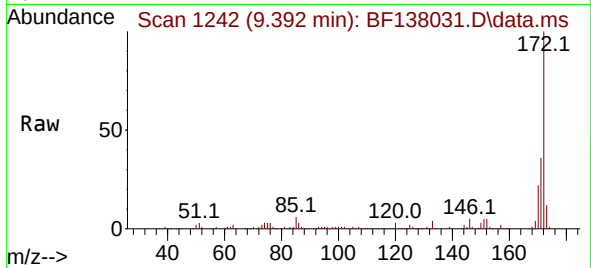




#45
2-Fluorobiphenyl
Concen: 11.111 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138031.D
Acq: 23 May 2024 17:00

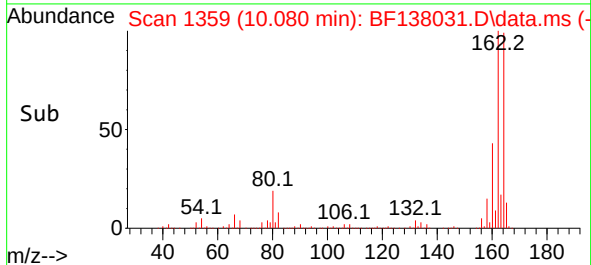
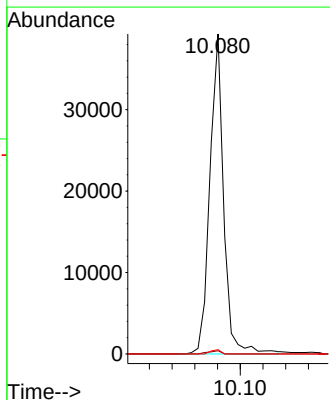
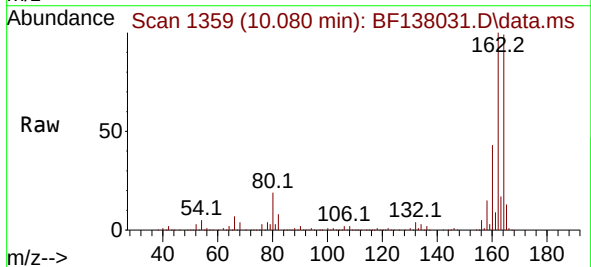
Instrument :
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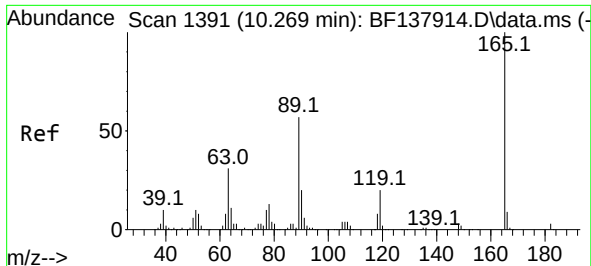
Tgt Ion:172 Resp: 183432
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 22.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.037 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138031.D
Acq: 23 May 2024 17:00

Tgt Ion:165 Resp: 33078
Ion Ratio Lower Upper
165 100
63 1.0 38.9 58.3#
89 1.4 40.4 60.6#

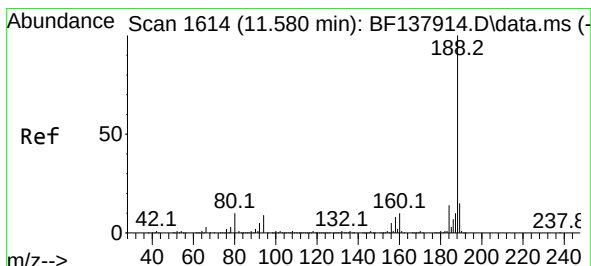
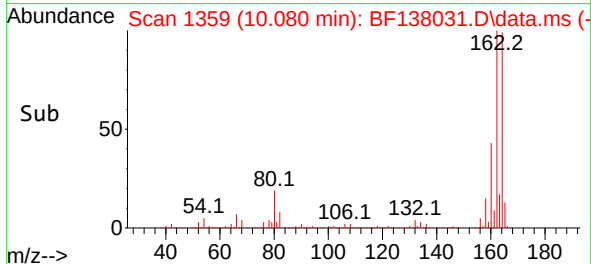
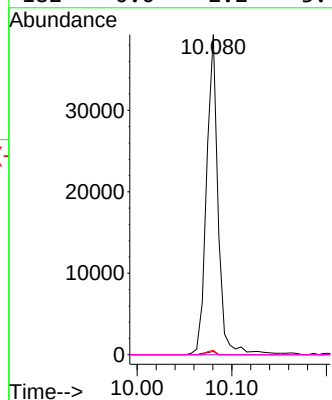
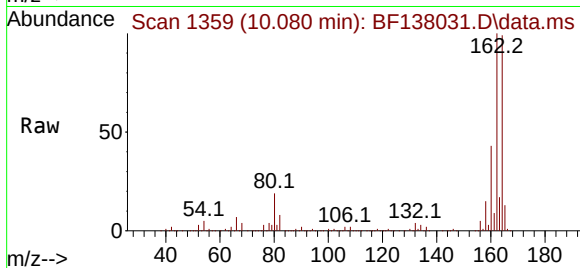




#57
2,4-Dinitrotoluene
Concen: 7.036 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138031.D
Acq: 23 May 2024 17:00

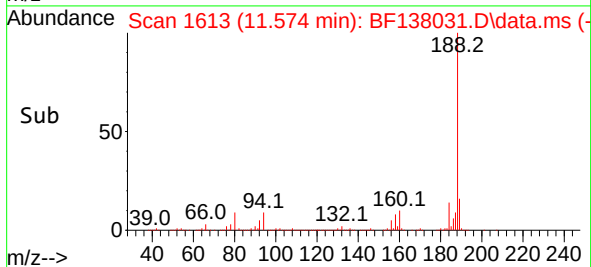
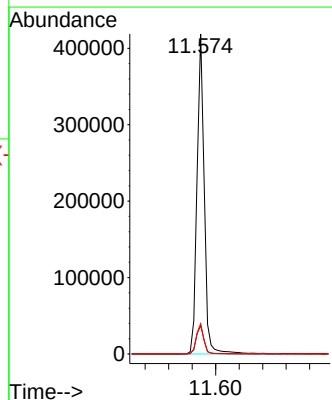
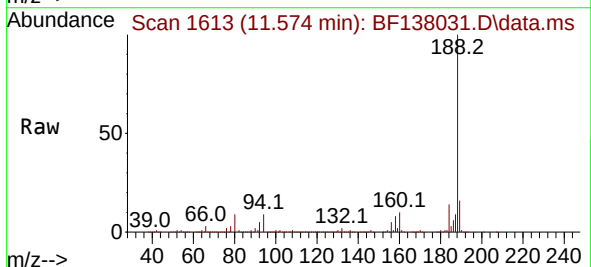
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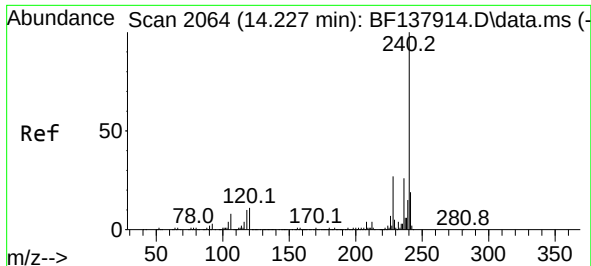
Tgt Ion:165 Resp: 33291
Ion Ratio Lower Upper
165 100
63 1.0 25.3 37.9#
89 1.4 45.9 68.9#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138031.D
Acq: 23 May 2024 17:00

Tgt Ion:188 Resp: 356854
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.4 7.7 11.5

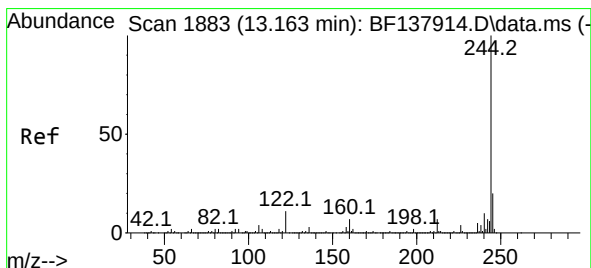
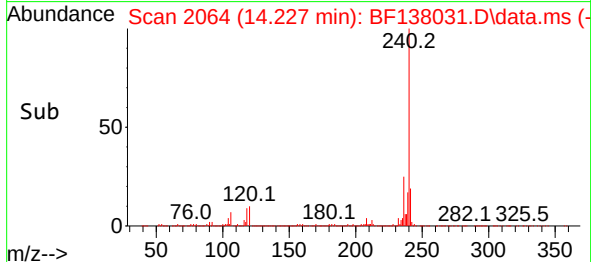
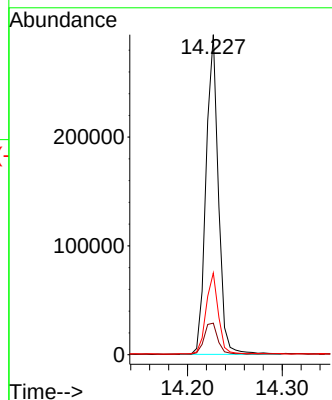
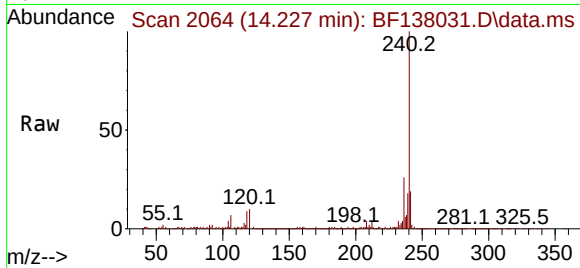




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138031.D
Acq: 23 May 2024 17:00

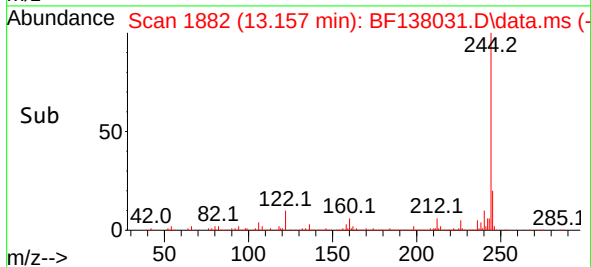
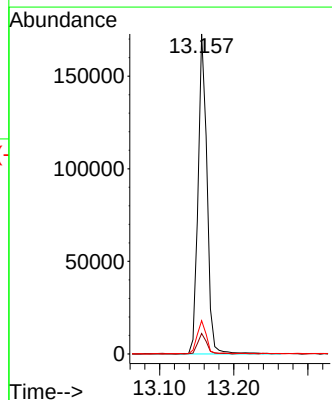
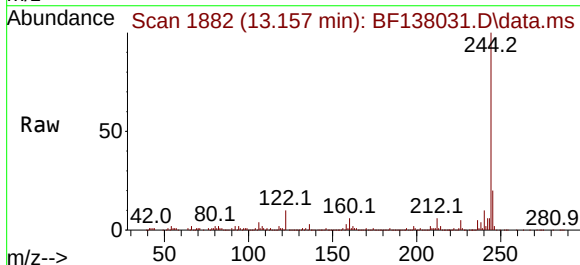
Instrument :
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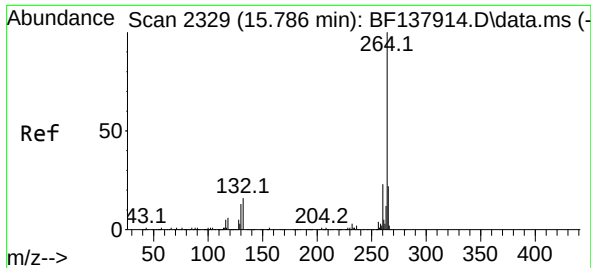
Tgt Ion:240 Resp: 266323
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 25.6 21.0 31.4



#79
Terphenyl-d14
Concen: 7.971 ng
RT: 13.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BF138031.D
Acq: 23 May 2024 17:00

Tgt Ion:244 Resp: 144041
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 10.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.792 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138031.D
Acq: 23 May 2024 17:00

Instrument :
BNA_F
ClientSampleId :
OR-02-052224

Tgt Ion:264 Resp: 215983

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	22.0	17.6	26.4

