

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138929.D
 Acq On : 12 Aug 2024 12:41
 Operator : RC/JU
 Sample : P3520-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-10-080624

Quant Time: Aug 12 13:32:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

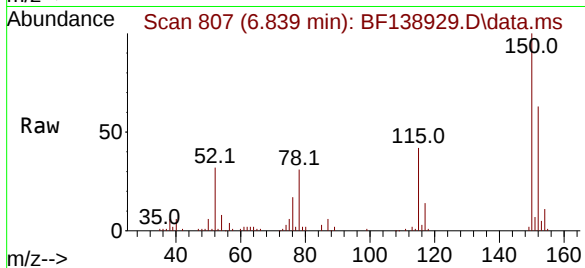
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	39910	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	160073	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	88239	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	154854	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	68705	20.000	ng	0.00
86) Perylene-d12	15.468	264	73887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	149185	57.702	ng	0.00
7) Phenol-d6	6.481	99	201598	58.077	ng	0.00
23) Nitrobenzene-d5	7.404	82	134795	41.171	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	42879	59.324	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	237029	40.360	ng	-0.01
79) Terphenyl-d14	12.939	244	214589	52.293	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	18218	8.690	ng	# 80
25) Isophorone	7.404	82	134794	24.111	ng	# 66
51) 2,6-Dinitrotoluene	9.874	165	11257	8.841	ng	# 22
57) 2,4-Dinitrotoluene	9.874	165	11257	6.929	ng	# 18

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

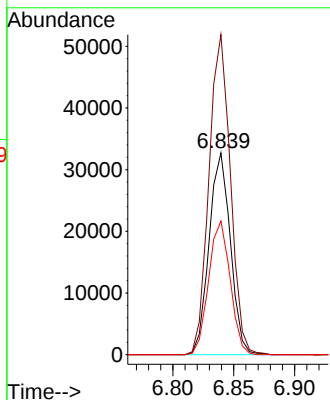
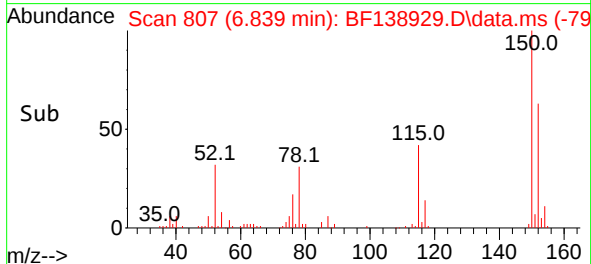


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138929.D
Acq: 12 Aug 2024 12:41

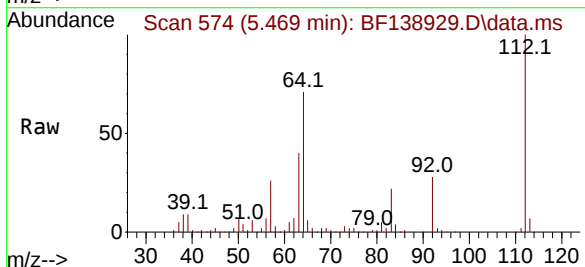
Instrument :
BNA_F
ClientSampleId :
OU4-CF-10-080624



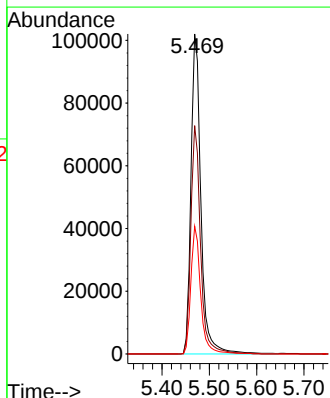
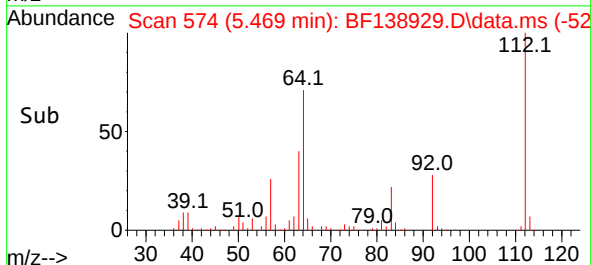
Tgt Ion:152 Resp: 39910
Ion Ratio Lower Upper
152 100
150 158.6 126.0 189.0
115 66.3 51.7 77.5



#5
2-Fluorophenol
Concen: 57.702 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138929.D
Acq: 12 Aug 2024 12:41



Tgt Ion:112 Resp: 149185
Ion Ratio Lower Upper
112 100
64 71.4 54.2 81.4
63 39.9 28.7 43.1

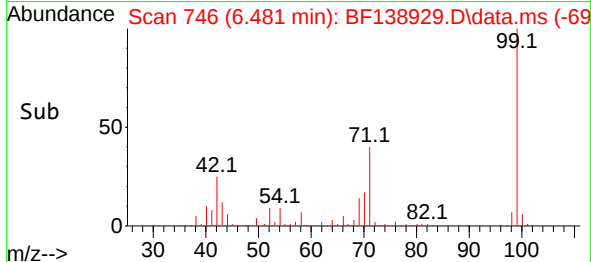
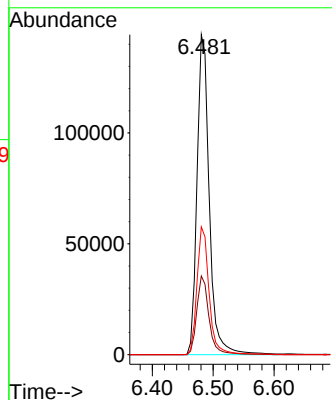
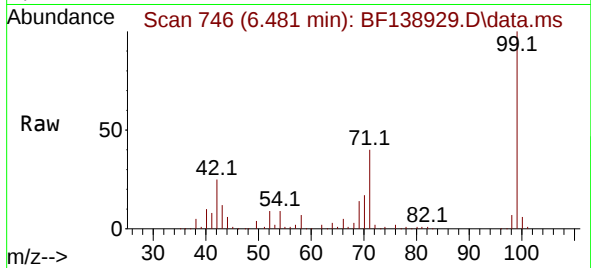




#7
Phenol-d6
Concen: 58.077 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138929.D
Acq: 12 Aug 2024 12:41

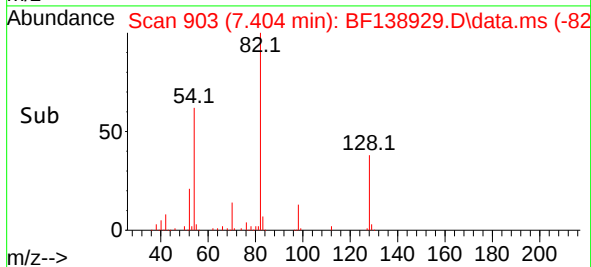
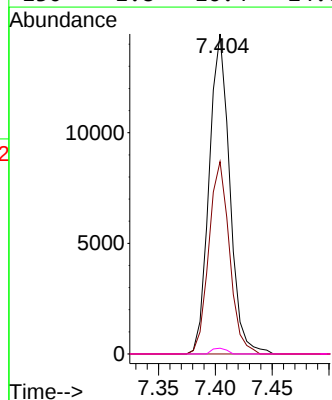
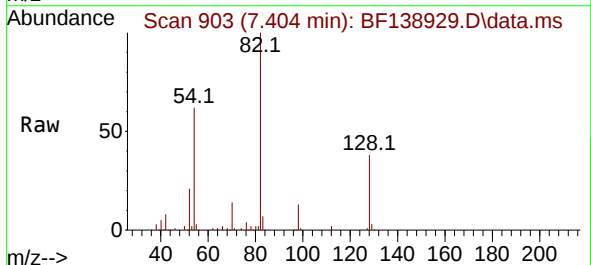
Instrument :
BNA_F
ClientSampleId :
OU4-CF-10-080624

Tgt Ion: 99 Resp: 201598
Ion Ratio Lower Upper
99 100
42 24.6 17.4 26.0
71 39.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 8.690 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138929.D
Acq: 12 Aug 2024 12:41

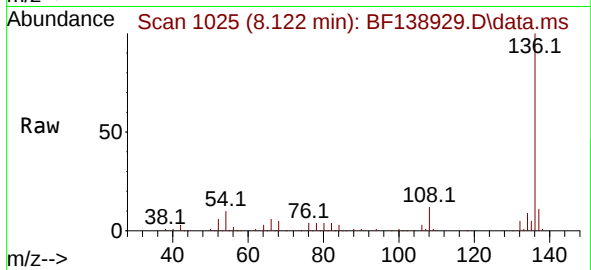
Tgt Ion: 70 Resp: 18218
Ion Ratio Lower Upper
70 100
42 60.1 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#



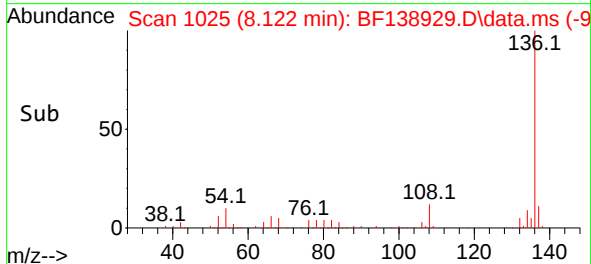
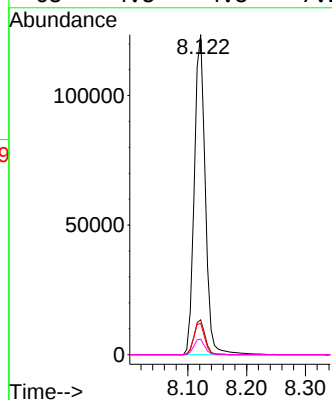


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138929.D
Acq: 12 Aug 2024 12:41

Instrument :
BNA_F
ClientSampleId :
OU4-CF-10-080624

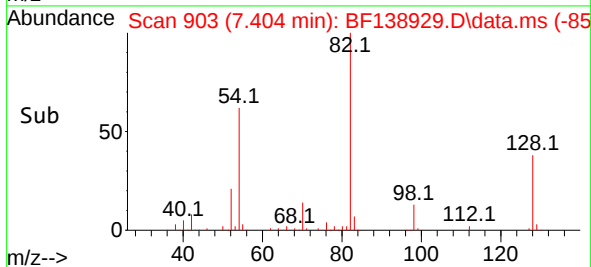
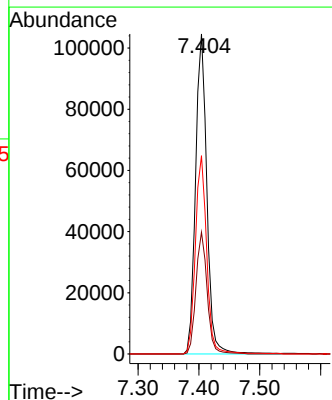
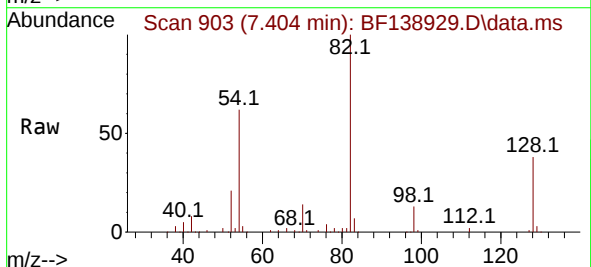


Tgt Ion:136 Resp: 160073
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.7 8.6 12.8
68 4.8 4.8 7.2



#23
Nitrobenzene-d5
Concen: 41.171 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138929.D
Acq: 12 Aug 2024 12:41

Tgt Ion: 82 Resp: 134795
Ion Ratio Lower Upper
82 100
128 38.1 32.8 49.2
54 61.9 48.3 72.5

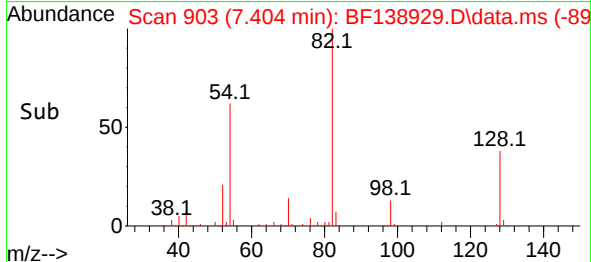
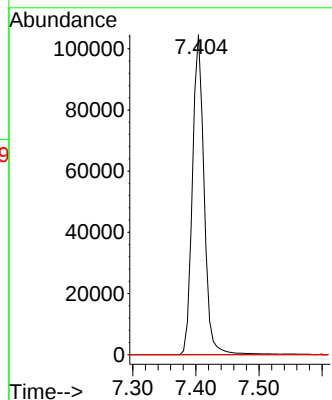
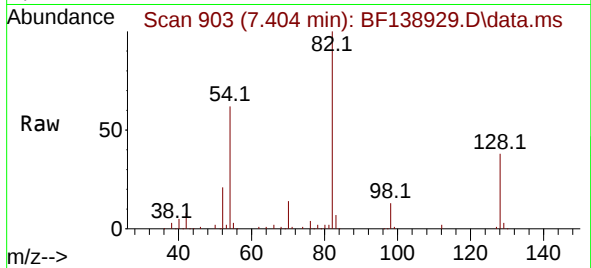




#25
Isophorone
Concen: 24.111 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138929.D
Acq: 12 Aug 2024 12:41

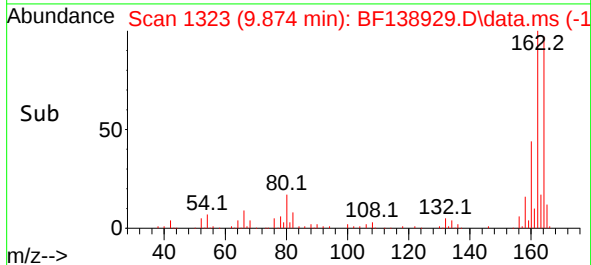
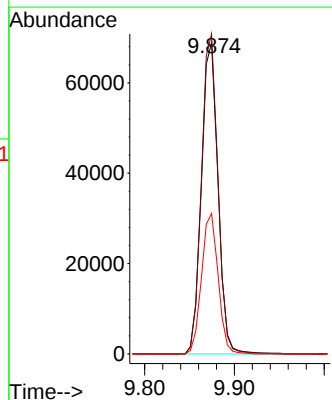
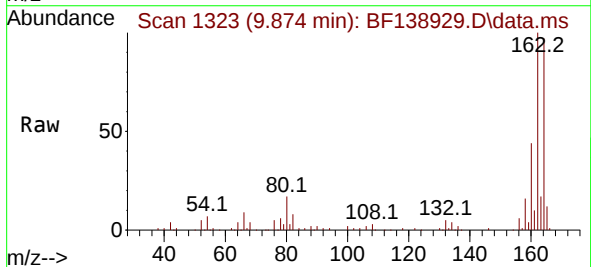
Instrument :
BNA_F
ClientSampleId :
OU4-CF-10-080624

Tgt Ion: 82 Resp: 134794
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF138929.D
Acq: 12 Aug 2024 12:41

Tgt Ion: 164 Resp: 88239
Ion Ratio Lower Upper
164 100
162 102.9 79.4 119.0
160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 59.324 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138929.D

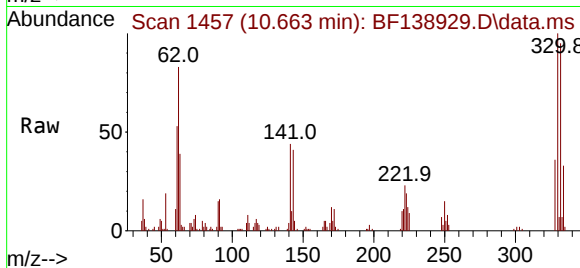
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Instrument :

BNA_F

ClientSampleId :

OU4-CF-10-080624



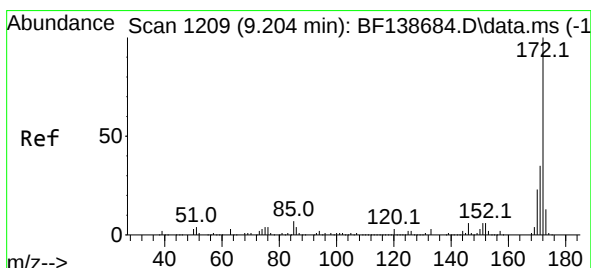
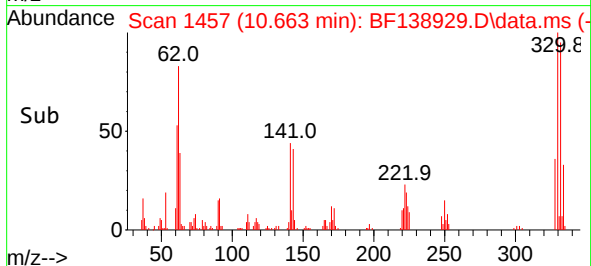
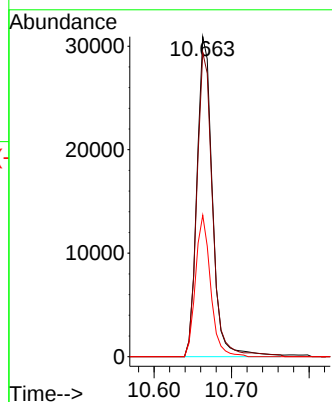
Tgt Ion:330 Resp: 42879

Ion Ratio Lower Upper

330 100

332 96.3 76.4 114.6

141 42.9 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 40.360 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138929.D

Acq: 12 Aug 2024 12:41

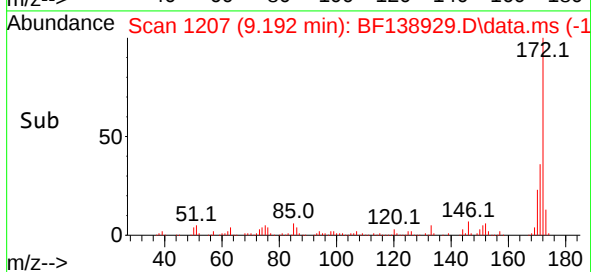
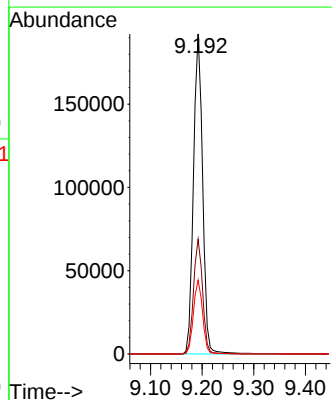
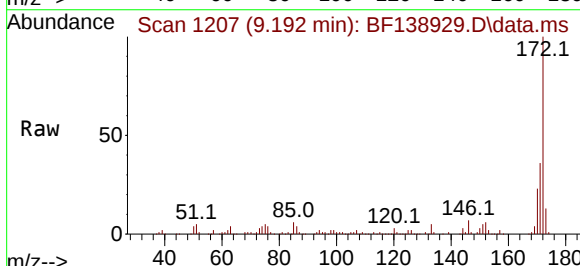
Tgt Ion:172 Resp: 237029

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.1 18.8 28.2

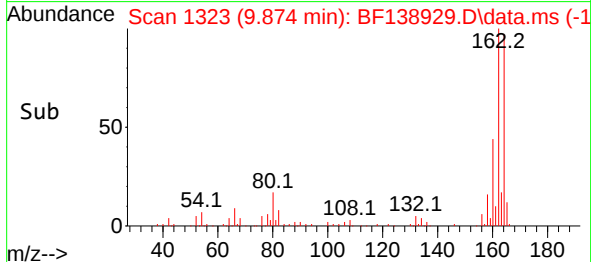
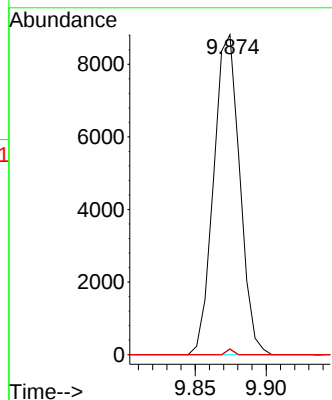
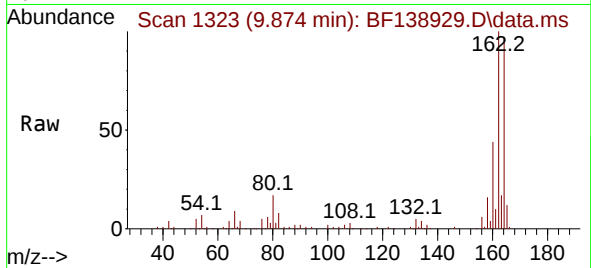




#51
2,6-Dinitrotoluene
Concen: 8.841 ng
RT: 9.874 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138929.D
Acq: 12 Aug 2024 12:41

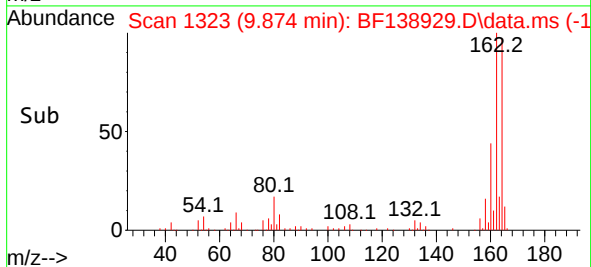
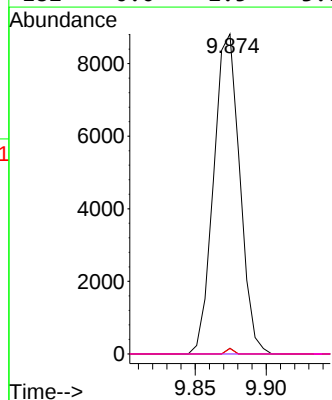
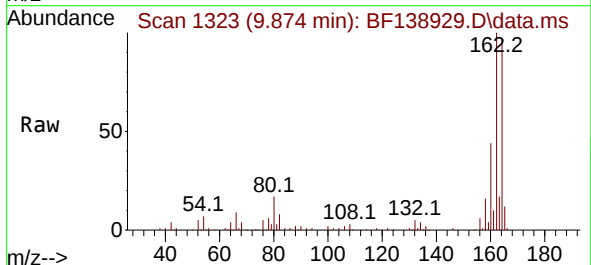
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OU4-CF-10-080624

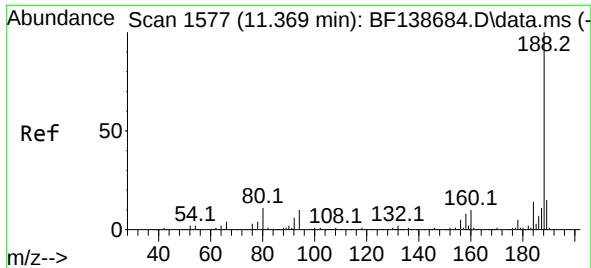
Tgt Ion:165 Resp: 11257
Ion Ratio Lower Upper
165 100
63 1.8 52.0 78.0#
89 1.7 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.929 ng
RT: 9.874 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138929.D
Acq: 12 Aug 2024 12:41

Tgt Ion:165 Resp: 11257
Ion Ratio Lower Upper
165 100
63 1.8 46.3 69.5#
89 1.7 64.2 96.4#
182 0.0 2.5 3.7#

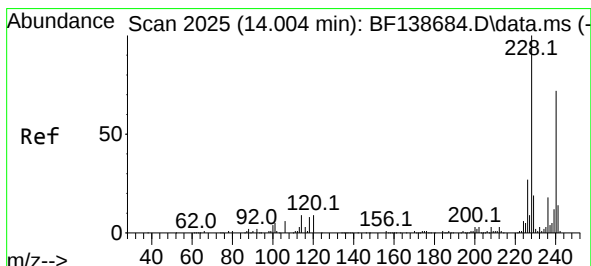
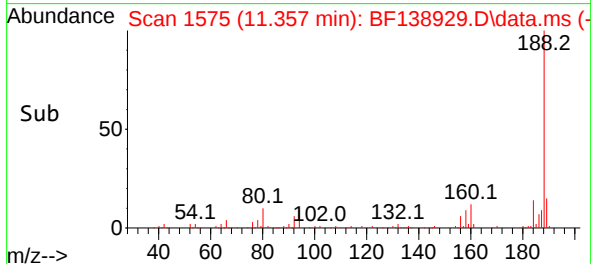
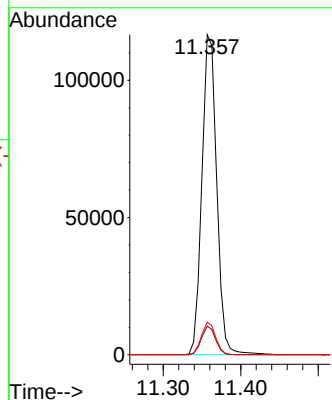
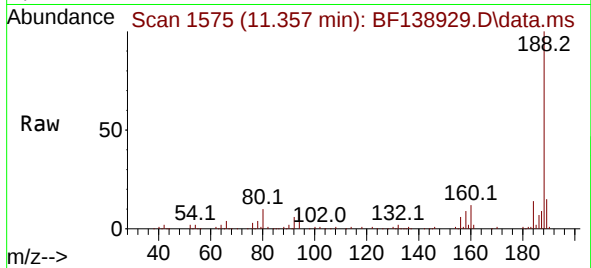




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138929.D
Acq: 12 Aug 2024 12:41

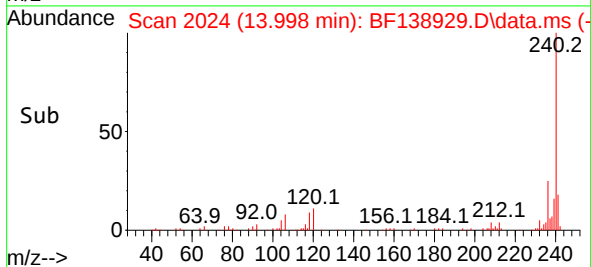
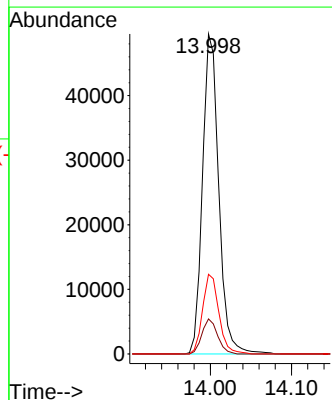
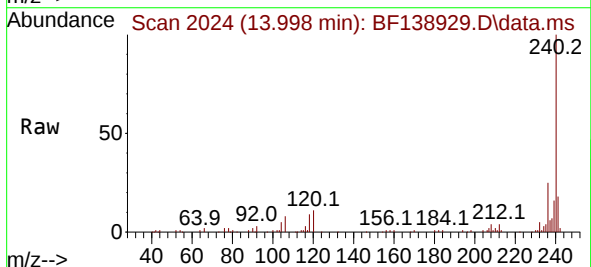
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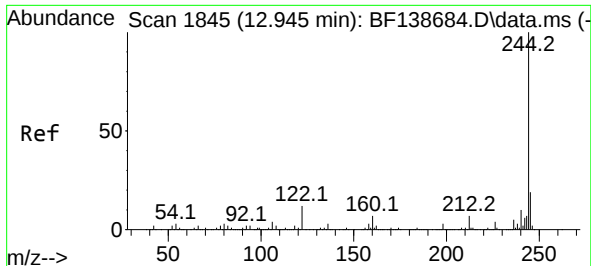
Tgt Ion:188 Resp: 154854
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 10.1 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138929.D
Acq: 12 Aug 2024 12:41

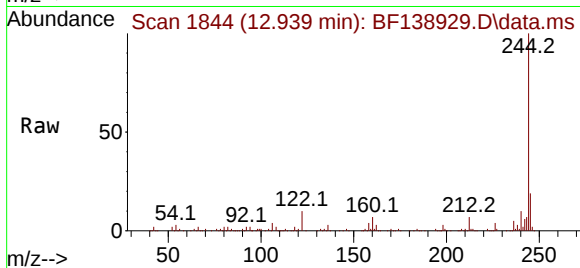
Tgt Ion:240 Resp: 68705
Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.4
236 24.9 19.8 29.8



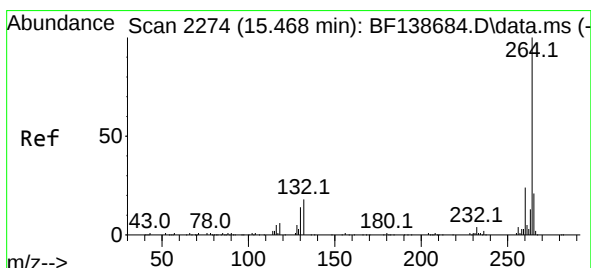
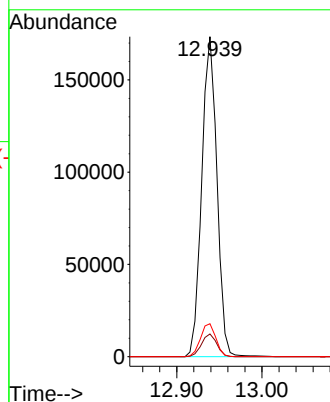
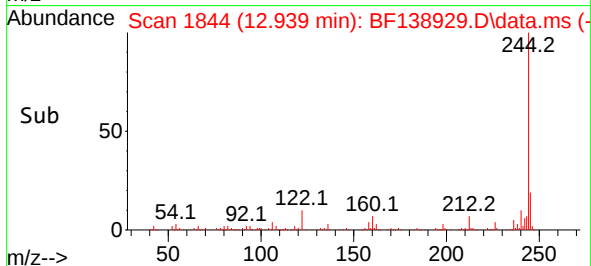


#79
 Terphenyl-d14
 Concen: 52.293 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138929.D
 Acq: 12 Aug 2024 12:41

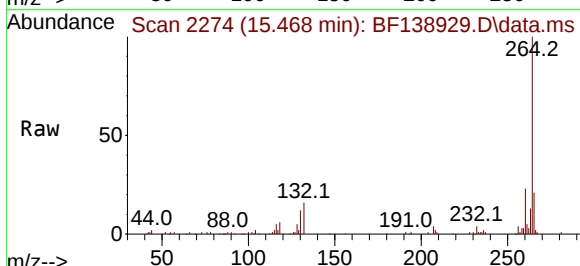
Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-10-080624



Tgt Ion:244 Resp: 214589
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BF138929.D
 Acq: 12 Aug 2024 12:41



Tgt Ion:264 Resp: 73887
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 20.8 17.0 25.6

