

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140167.D
 Acq On : 30 Oct 2024 19:32
 Operator : RC/JU
 Sample : P4595-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PITKIN-COMP

Quant Time: Nov 01 02:18:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

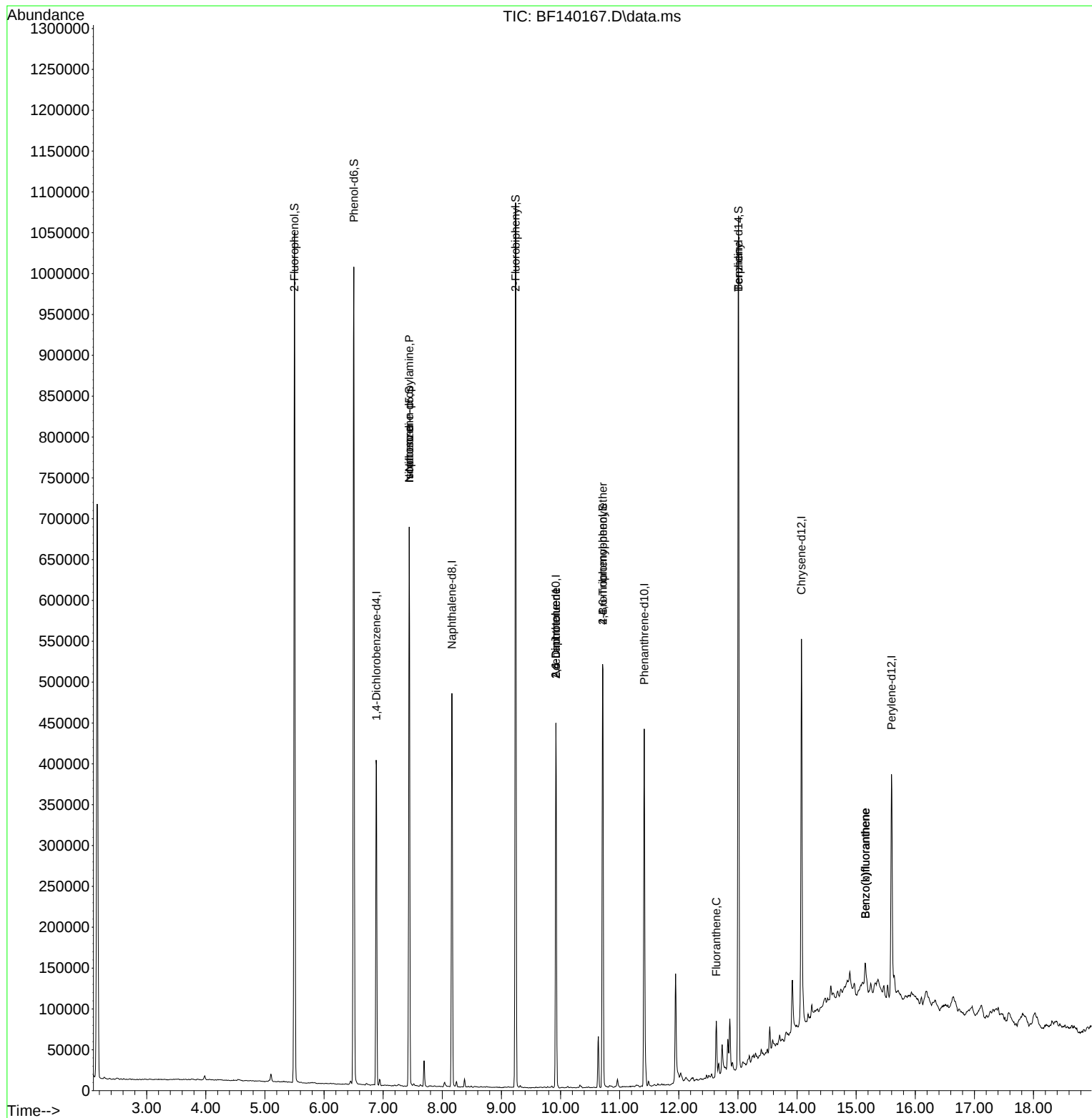
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	81451	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	278299	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	128999	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	223684	20.000	ng	0.00
76) Chrysene-d12	14.074	240	208380	20.000	ng	0.02
86) Perylene-d12	15.598	264	163269	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	356521	68.523	ng	0.00
7) Phenol-d6	6.504	99	432462	64.177	ng	0.00
23) Nitrobenzene-d5	7.439	82	284544	56.667	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	84891	70.355	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	457405	58.601	ng	-0.01
79) Terphenyl-d14	13.010	244	506109	39.576	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	37866	9.265	ng	# 77
25) Isophorone	7.439	82	283315	29.727	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	17079	9.817	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	17079	7.983	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	5750	2.495	ng	# 1
75) Fluoranthene	12.633	202	36327	3.401	ng	99
77) Benzidine	13.010	184	7302	2.131	ng	# 93
88) Benzo(b)fluoranthene	15.157	252	24229	2.436	ng	# 86
89) Benzo(k)fluoranthene	15.157	252	24229	2.825	ng	# 86

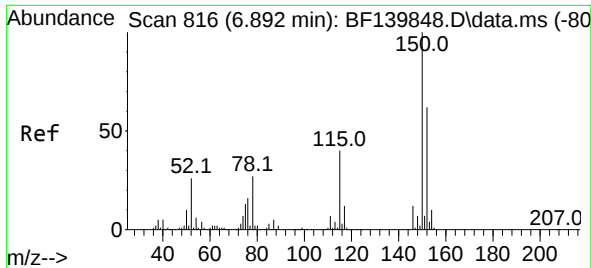
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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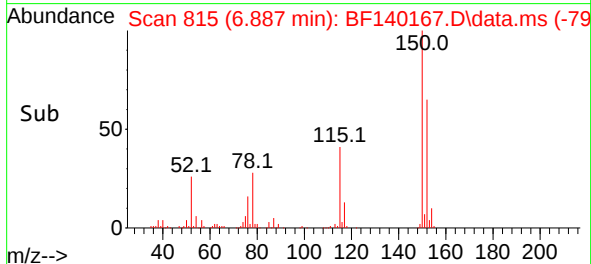
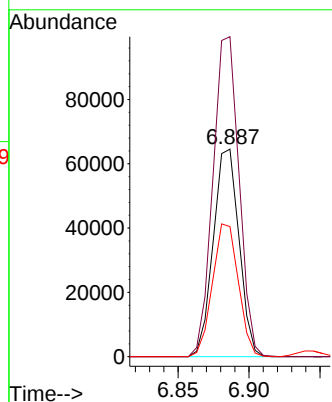
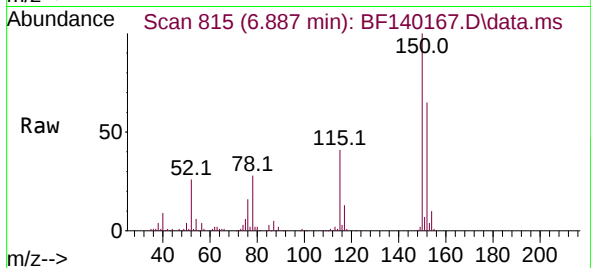




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

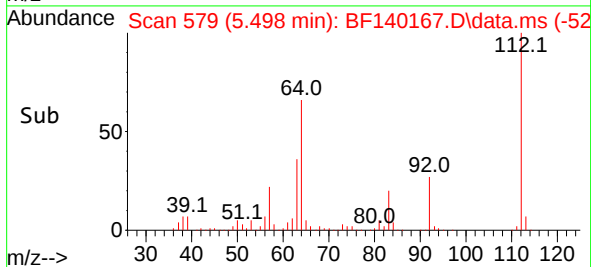
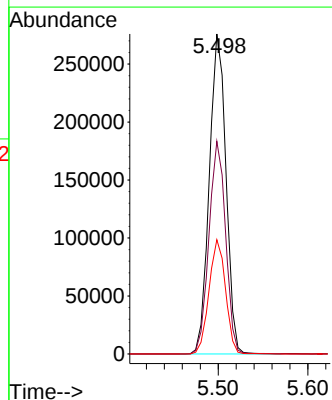
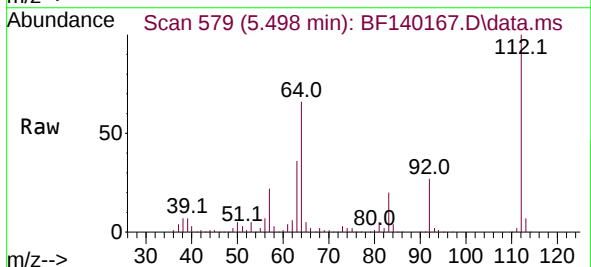
Instrument :
BNA_F
ClientSampleId :
PITKIN-COMP

Tgt Ion:152 Resp: 81451
Ion Ratio Lower Upper
152 100
150 154.2 130.2 195.2
115 62.7 51.4 77.2



#5
2-Fluorophenol
Concen: 68.523 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

Tgt Ion:112 Resp: 356521
Ion Ratio Lower Upper
112 100
64 66.4 53.0 79.6
63 35.7 27.0 40.4





#7
Phenol-d6
Concen: 64.177 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

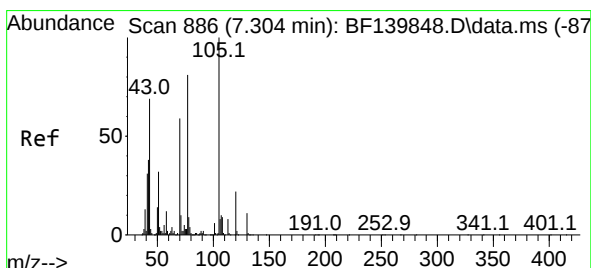
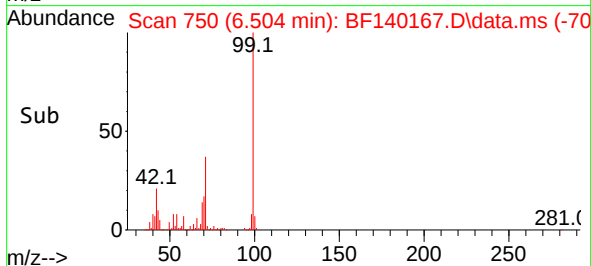
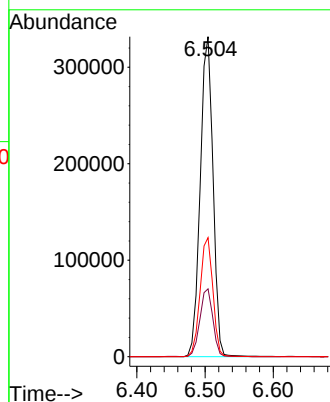
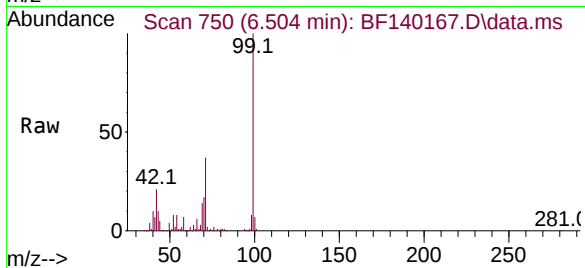
Instrument :

BNA_F

ClientSampleId :

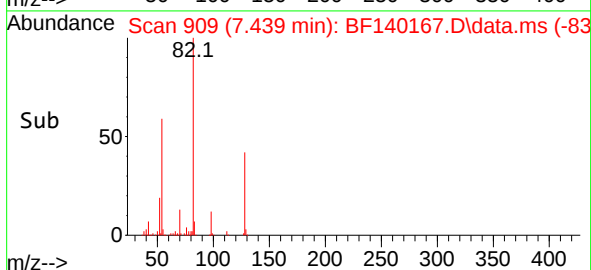
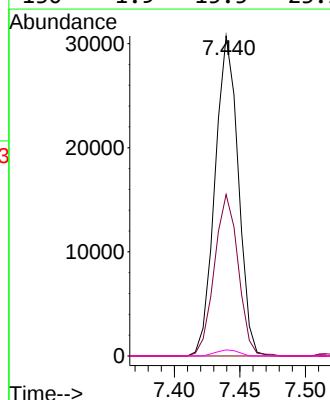
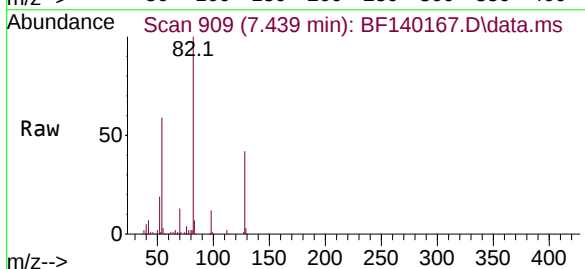
PITKIN-COMP

Tgt Ion: 99 Resp: 432462
Ion Ratio Lower Upper
99 100
42 21.2 16.7 25.1
71 37.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.265 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

Tgt Ion: 70 Resp: 37866
Ion Ratio Lower Upper
70 100
42 50.4 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



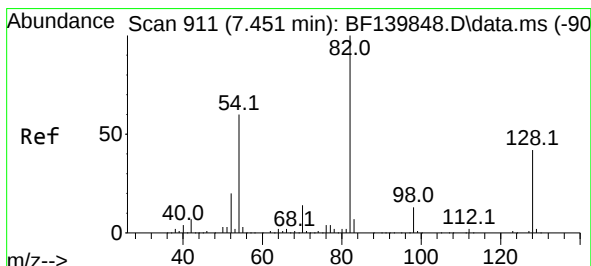
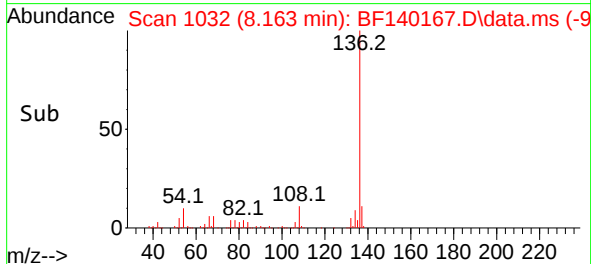
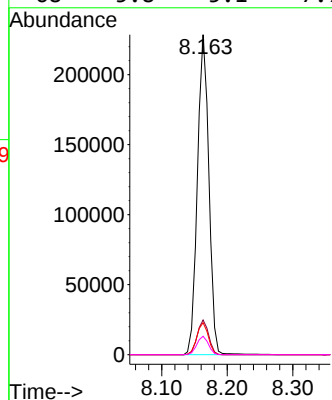
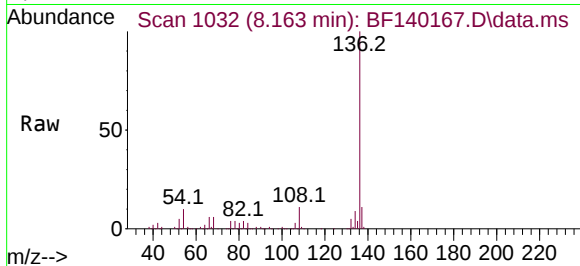


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

Instrument :
BNA_F
ClientSampleId :
PITKIN-COMP

Tgt Ion:136 Resp: 278299

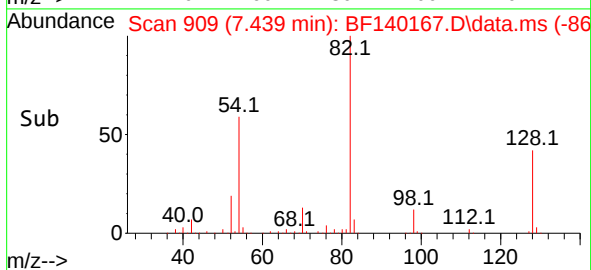
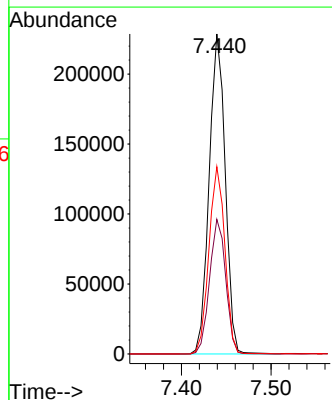
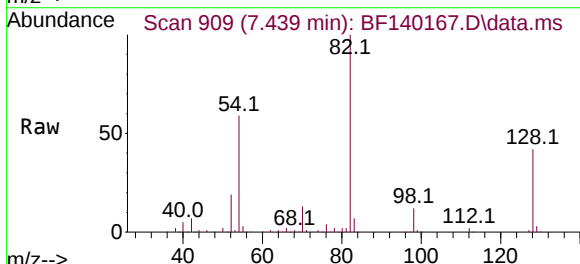
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.0	8.4	12.6
68	5.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 56.667 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

Tgt Ion: 82 Resp: 284544

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.0
54	58.5	47.8	71.8

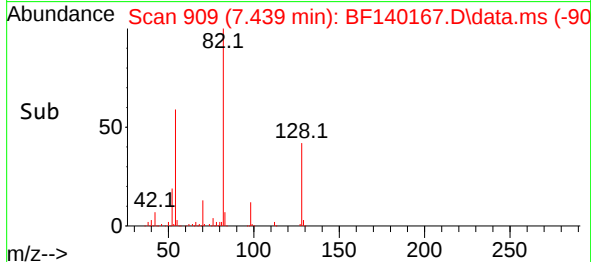
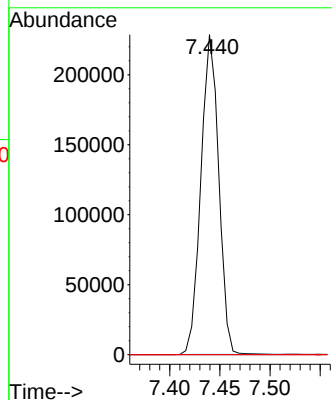
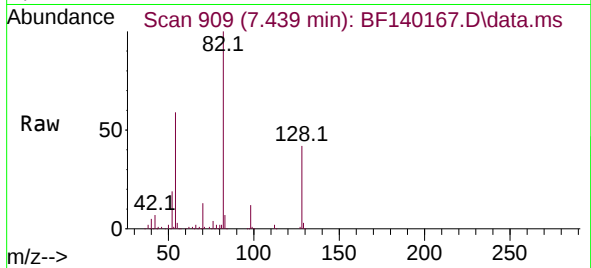




#25
Isophorone
Concen: 29.727 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.270 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

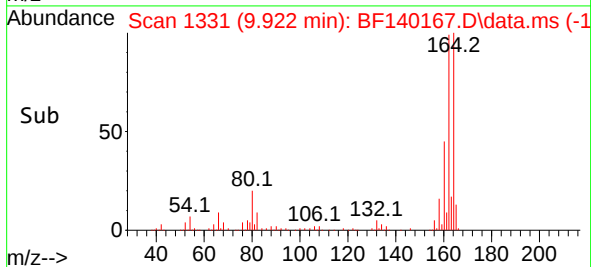
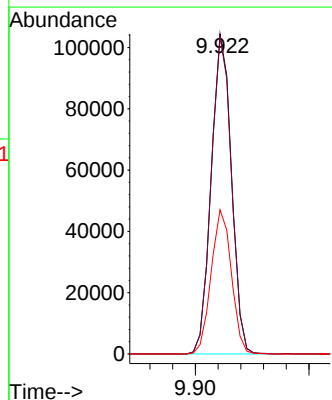
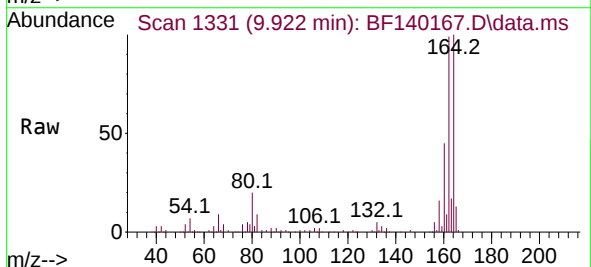
Instrument :
BNA_F
ClientSampleId :
PITKIN-COMP

Tgt Ion: 82 Resp: 283315
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

Tgt Ion:164 Resp: 128999
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.4
160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 70.355 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140167.D

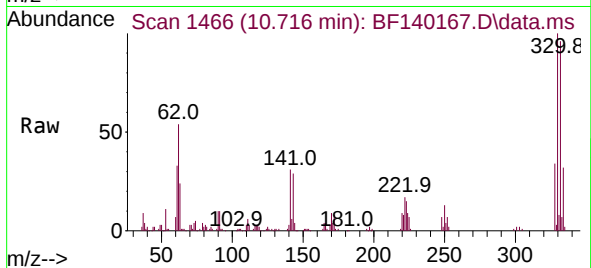
Acq: 30 Oct 2024 19:32

Instrument :

BNA_F

ClientSampleId :

PITKIN-COMP



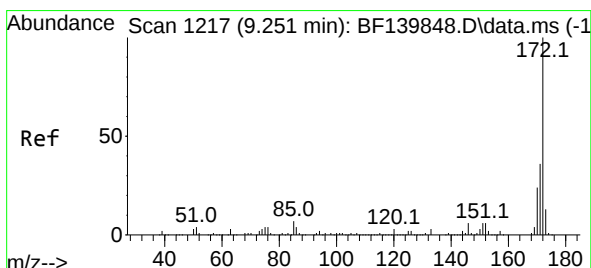
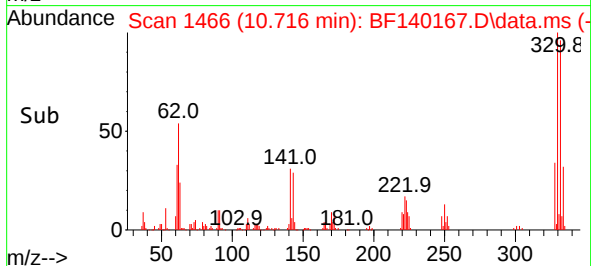
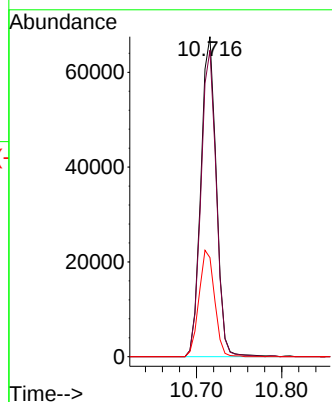
Tgt Ion:330 Resp: 84891

Ion Ratio Lower Upper

330 100

332 95.3 78.1 117.1

141 33.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 58.601 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140167.D

Acq: 30 Oct 2024 19:32

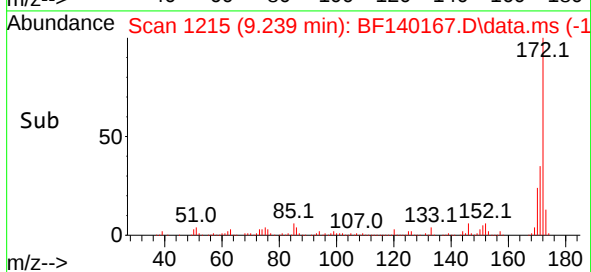
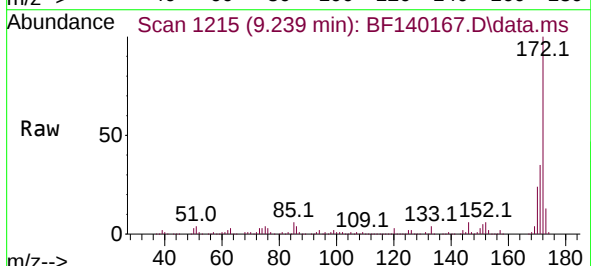
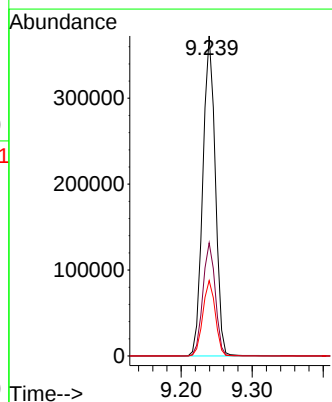
Tgt Ion:172 Resp: 457405

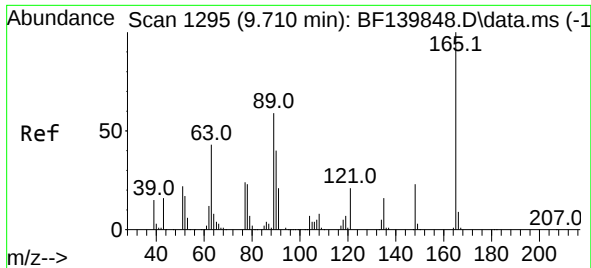
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.5 19.1 28.7

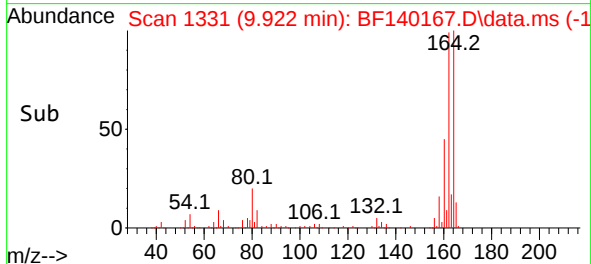
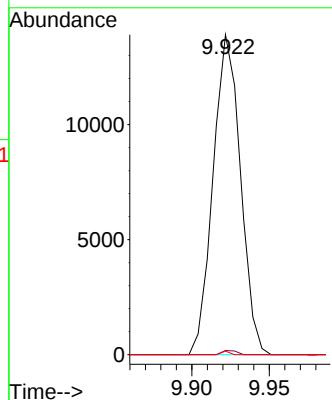
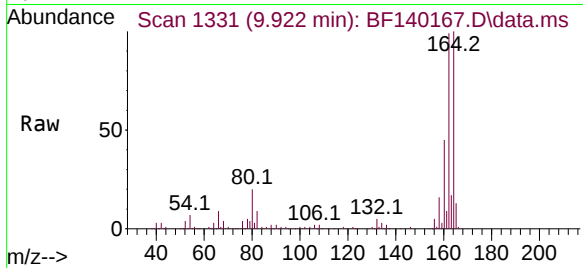




#51
2,6-Dinitrotoluene
Concen: 9.817 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

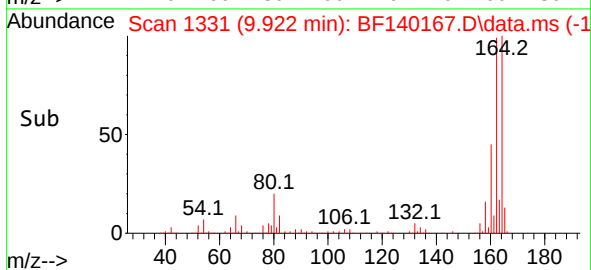
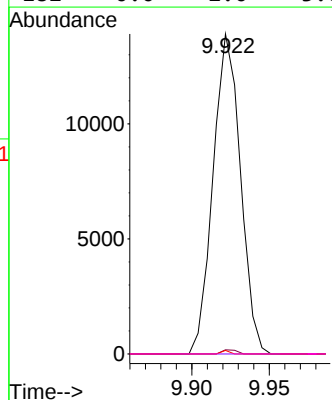
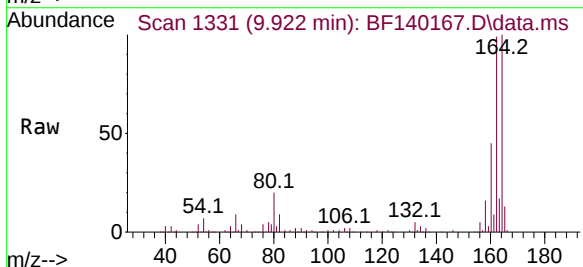
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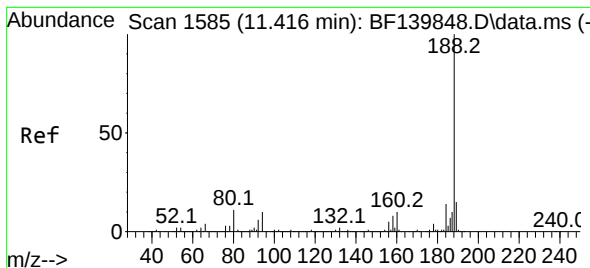
Tgt Ion:165 Resp: 17079
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.983 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

Tgt Ion:165 Resp: 17079
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140167.D

Acq: 30 Oct 2024 19:32

Instrument :

BNA_F

ClientSampleId :

PITKIN-COMP

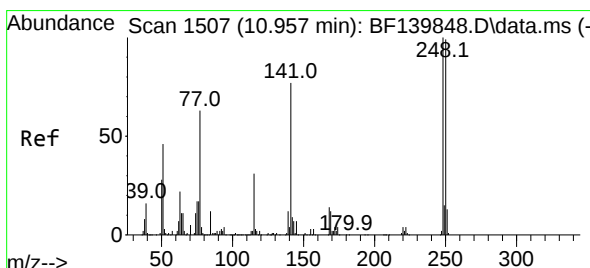
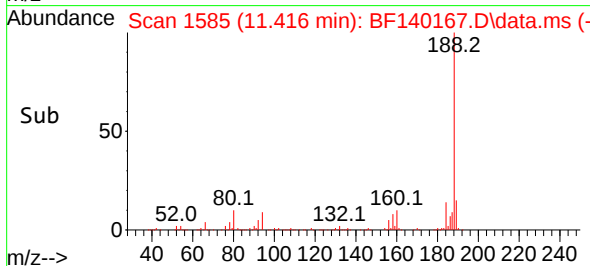
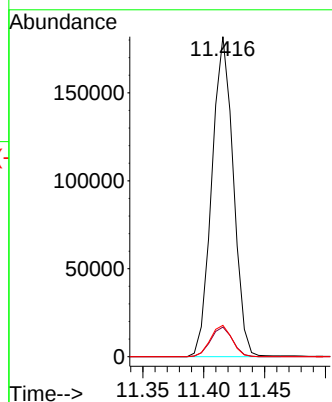
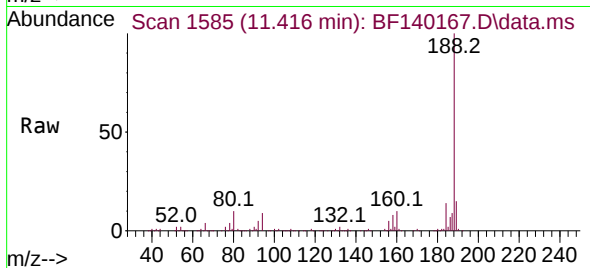
Tgt Ion:188 Resp: 223684

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 9.8 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 2.495 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF140167.D

Acq: 30 Oct 2024 19:32

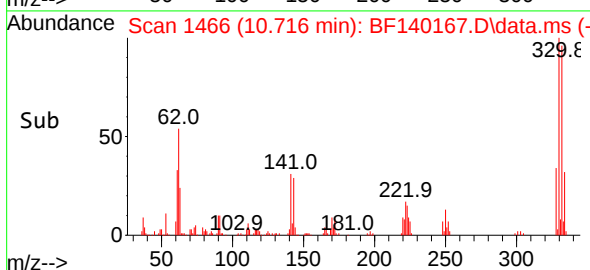
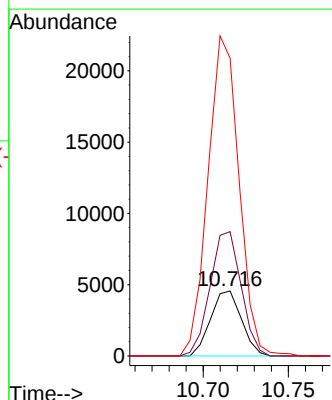
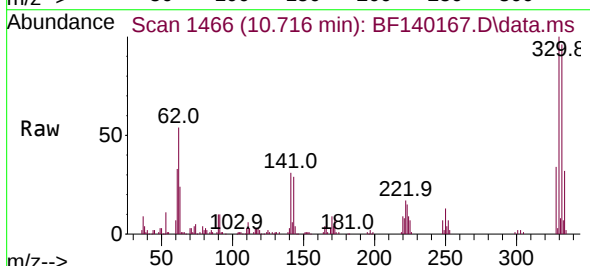
Tgt Ion:248 Resp: 5750

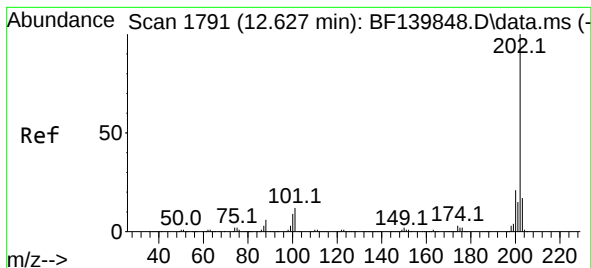
Ion Ratio Lower Upper

248 100

250 191.6 79.0 118.6#

141 458.8 61.7 92.5#





#75

Fluoranthene

Concen: 3.401 ng

RT: 12.633 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140167.D

Acq: 30 Oct 2024 19:32

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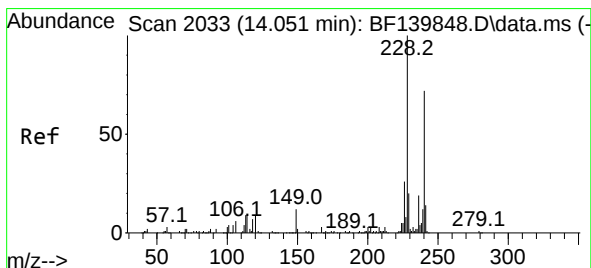
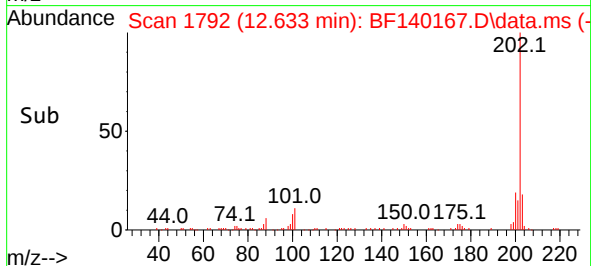
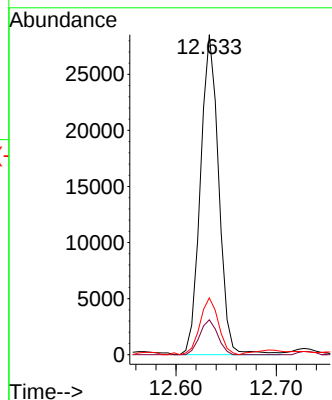
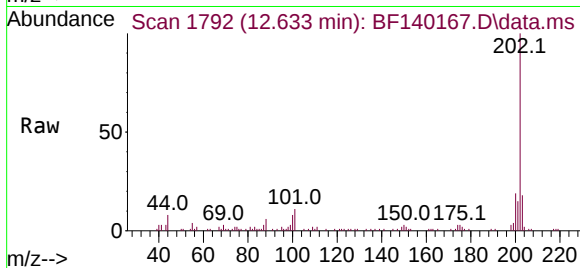
Tgt Ion:202 Resp: 36327

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.9

203 17.8 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.024 min

Lab File: BF140167.D

Acq: 30 Oct 2024 19:32

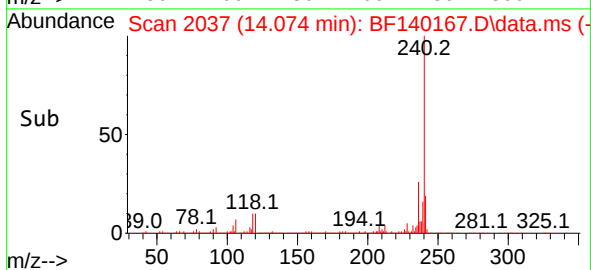
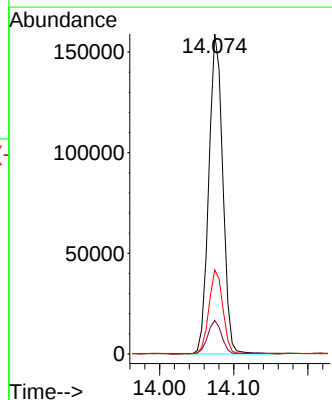
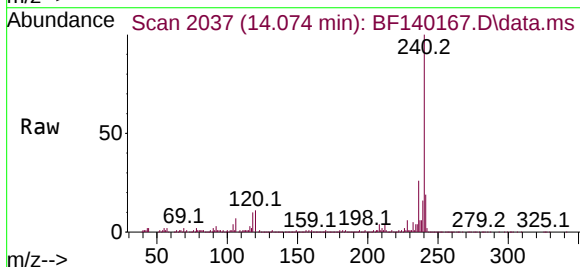
Tgt Ion:240 Resp: 208380

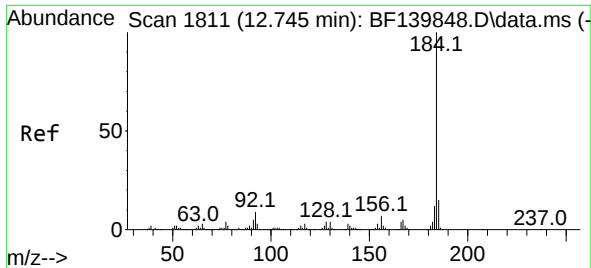
Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 26.3 20.9 31.3

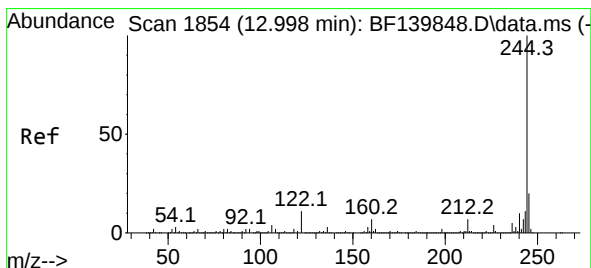
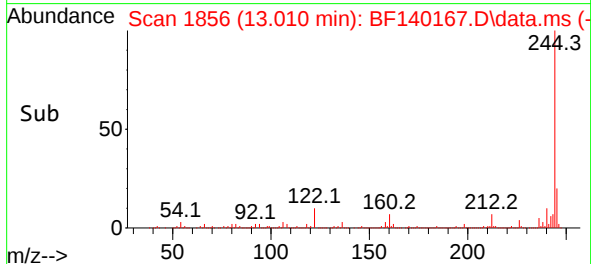
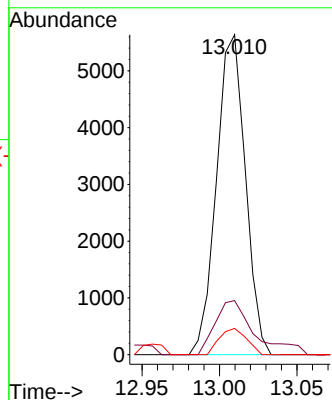
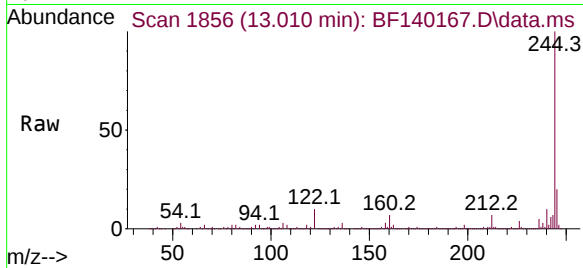




#77
Benzidine
Concen: 2.131 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.265 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

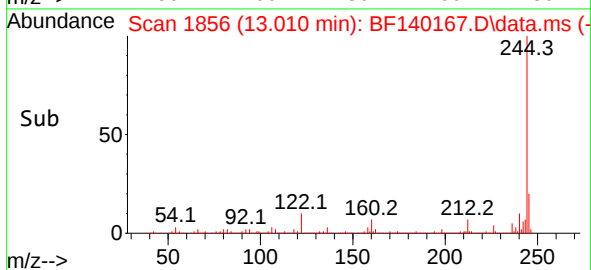
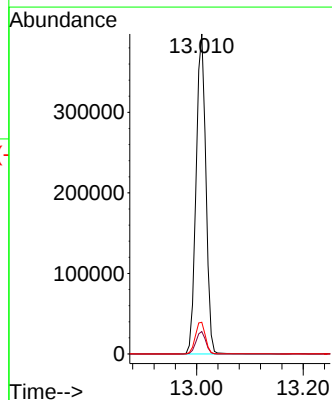
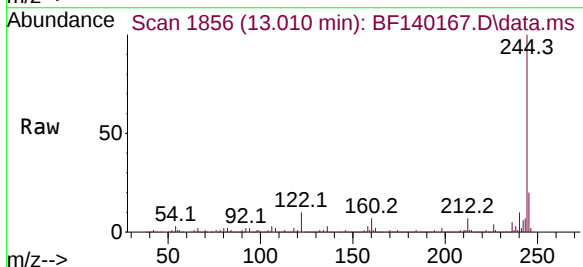
Instrument :
BNA_F
ClientSampleId :
PITKIN-COMP

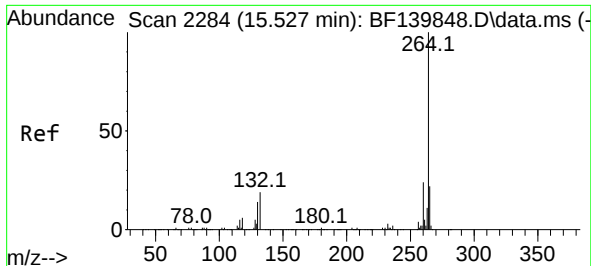
Tgt Ion:184 Resp: 7302
Ion Ratio Lower Upper
184 100
185 16.9 12.0 18.0
183 8.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 39.576 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.012 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

Tgt Ion:244 Resp: 506109
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.9 8.6 13.0

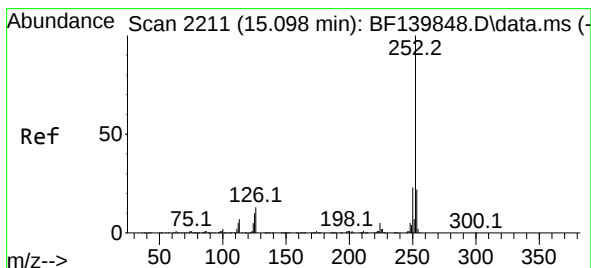
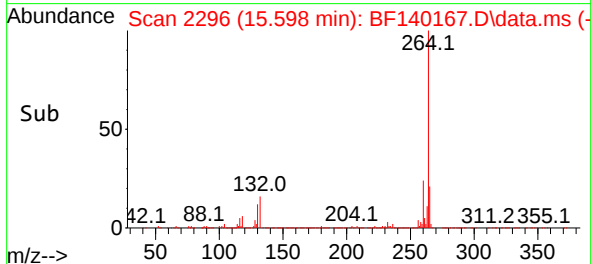
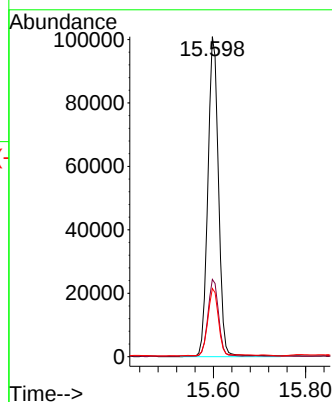
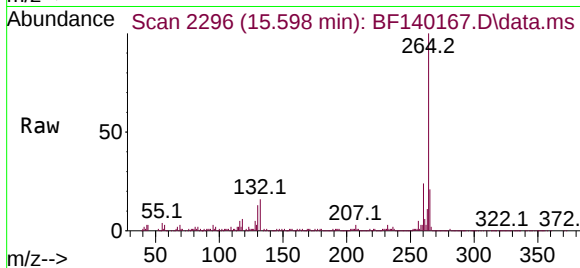




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

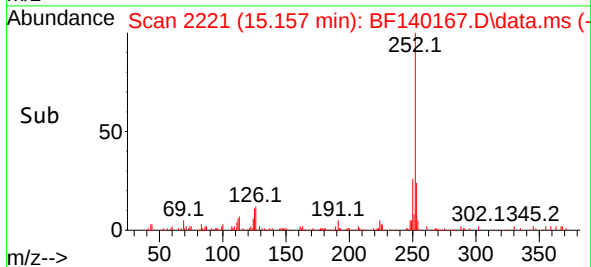
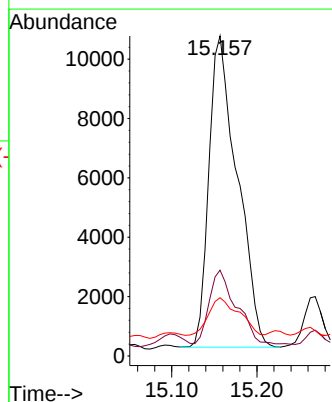
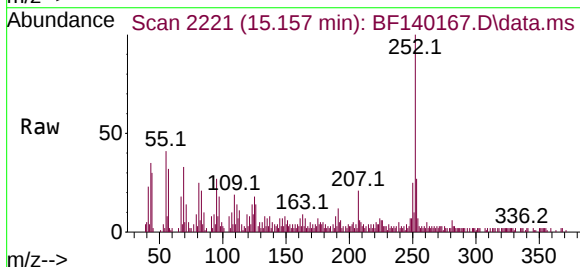
Instrument :
BNA_F
ClientSampleId :
PITKIN-COMP

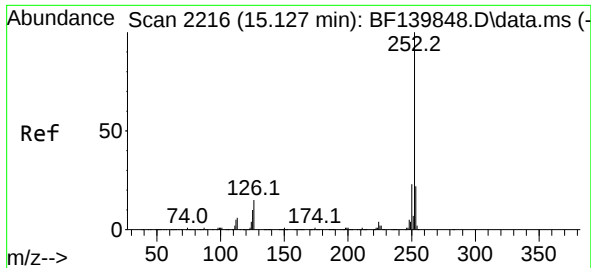
Tgt Ion:264 Resp: 163269
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.3 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 2.436 ng
RT: 15.157 min Scan# 2221
Delta R.T. 0.059 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

Tgt Ion:252 Resp: 24229
Ion Ratio Lower Upper
252 100
253 26.8 17.6 26.4#
125 18.2 7.9 11.9#





#89

Benzo(k)fluoranthene

Concen: 2.825 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF140167.D

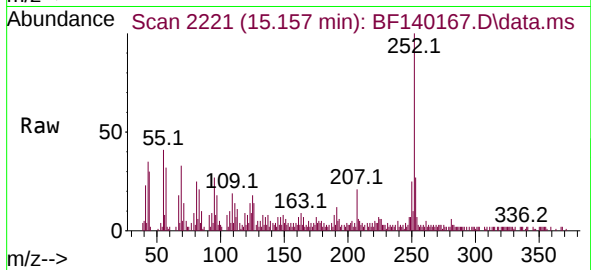
Acq: 30 Oct 2024 19:32

Instrument :

BNA_F

ClientSampleId :

PITKIN-COMP



Tgt Ion:252 Resp: 24229

Ion Ratio Lower Upper

252 100

253 26.8 17.6 26.4#

125 18.2 7.9 11.9#

