

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)

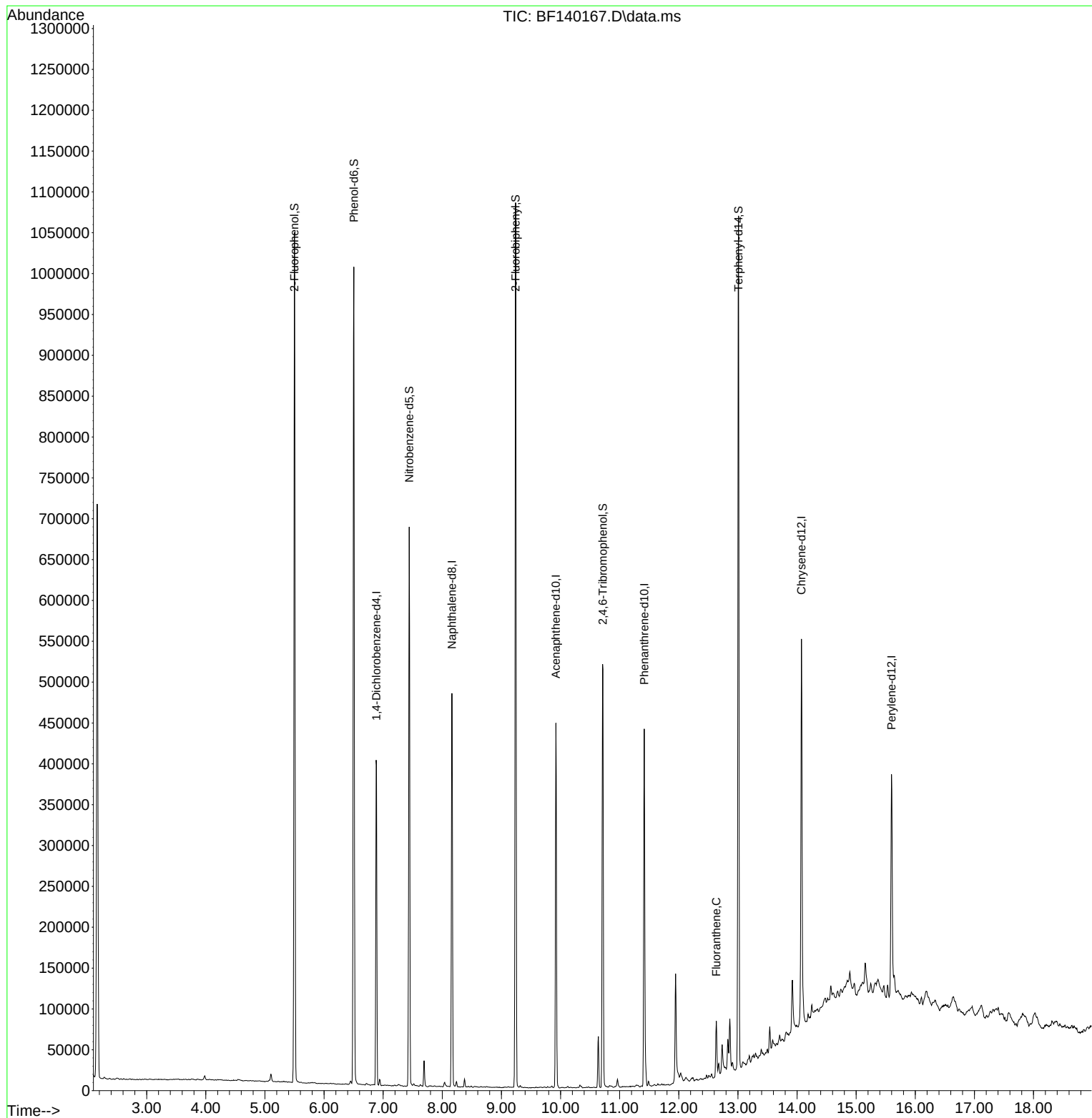
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	81451	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	278299	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	128999	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	223684	20.000	ng	0.00
76) Chrysene-d12	14.074	240	208380	20.000	ng	0.02
86) Perylene-d12	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						
75) Fluoranthene	12.633	202	36327	3.401	ng	Qvalue 99

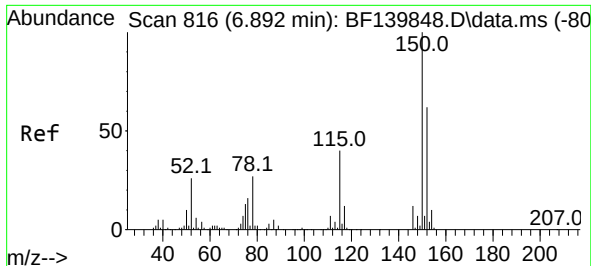
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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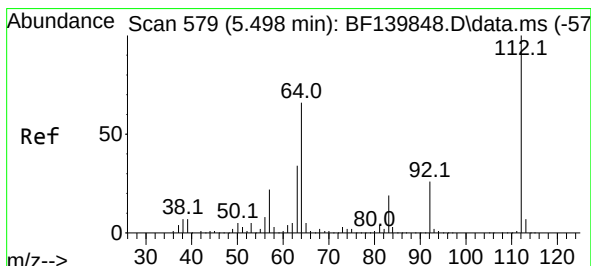
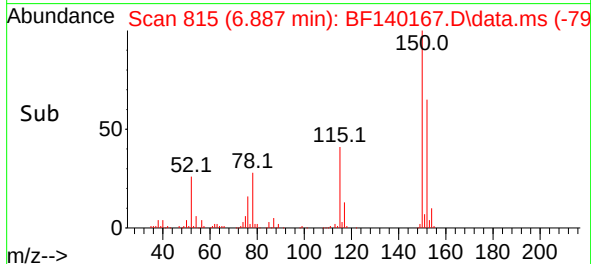
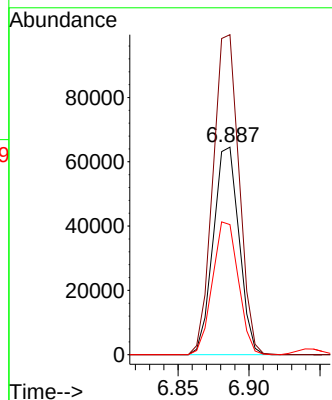
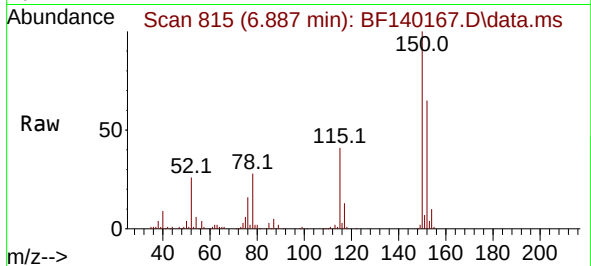




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

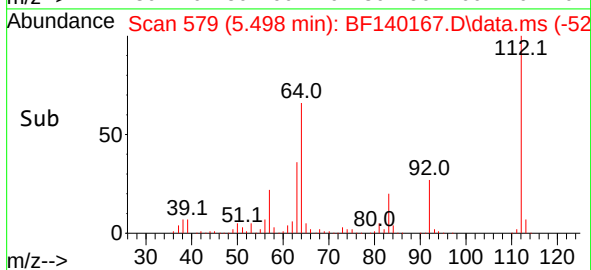
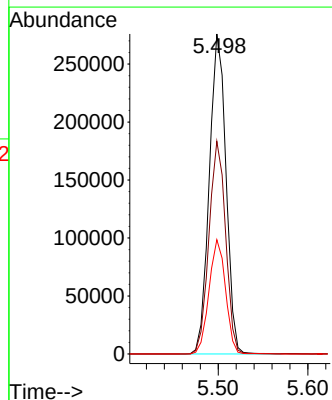
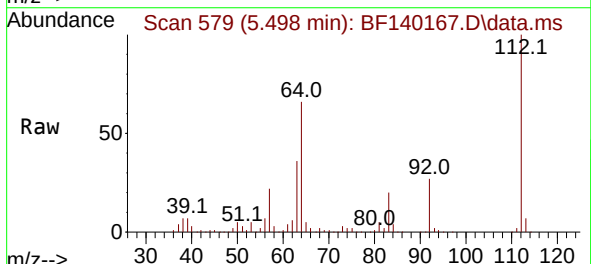
Instrument :
BNA_F
ClientSampleId :
PITKIN-COMP

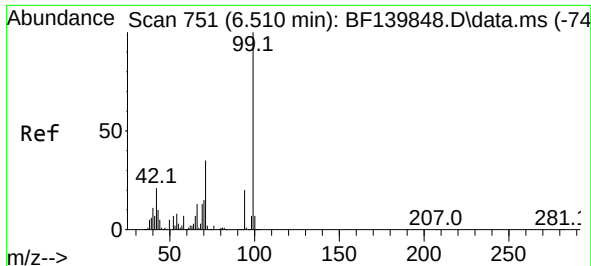
Tgt Ion:152 Resp: 81451
Ion Ratio Lower Upper
152 100
150 154.2 130.2 195.2
115 62.7 51.4 77.2



#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

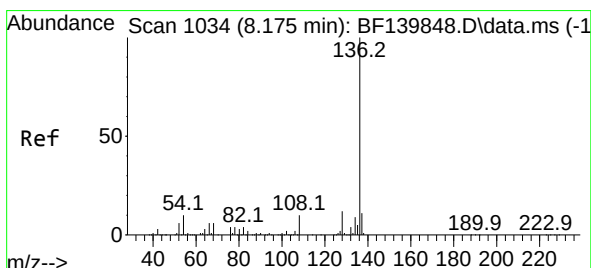
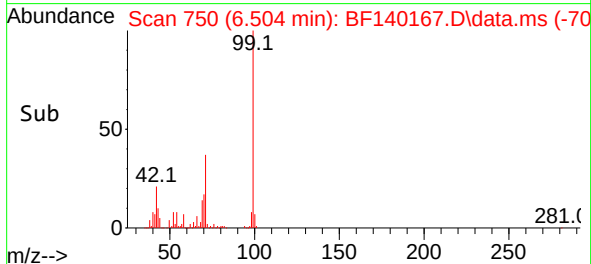
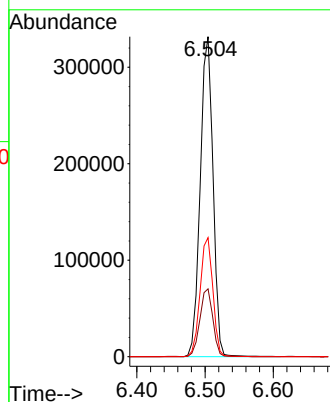
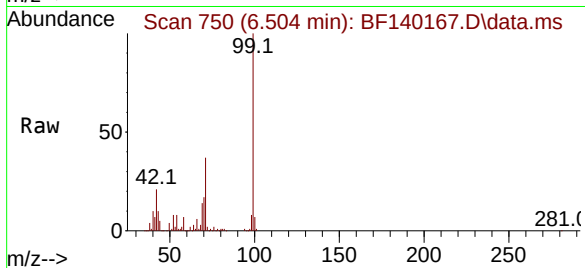




#7
Phenol-d6
Concen: 64.177 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

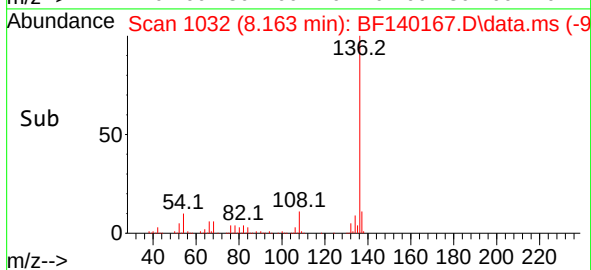
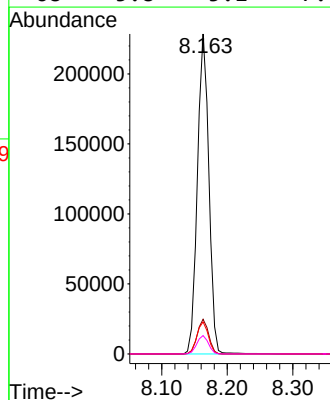
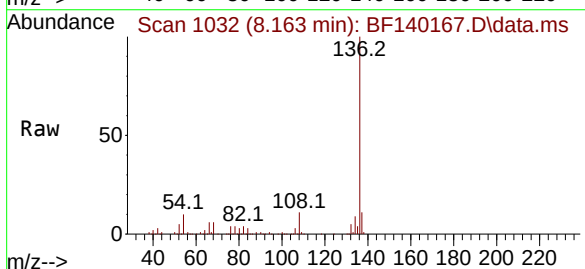
Instrument :
BNA_F
ClientSampleId :
PITKIN-COMP

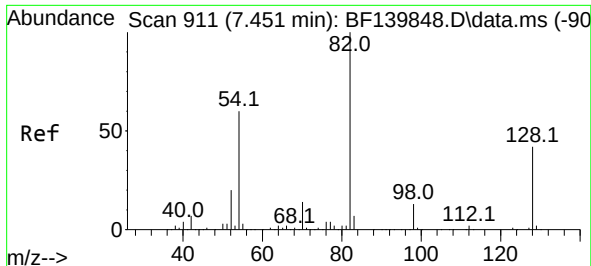
Tgt Ion: 99 Resp: 432462
Ion Ratio Lower Upper
99 100
42 21.2 16.7 25.1
71 37.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

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

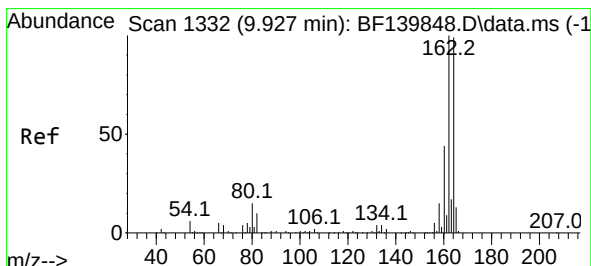
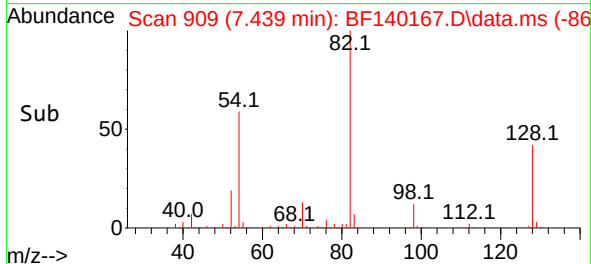
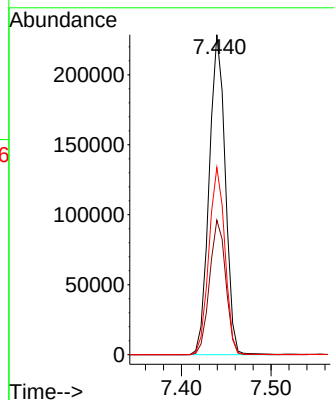
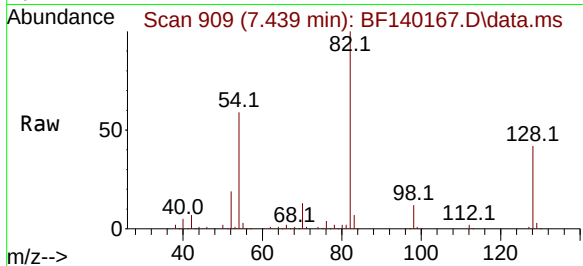




#23
Nitrobenzene-d5
Concen: 56.667 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

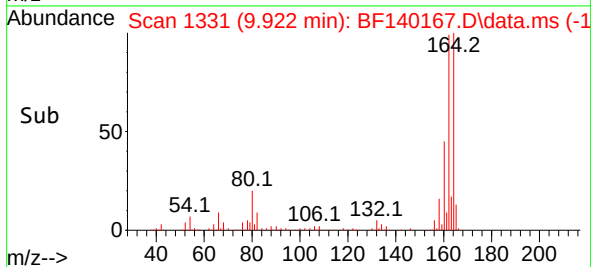
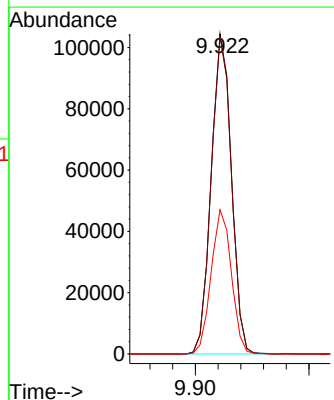
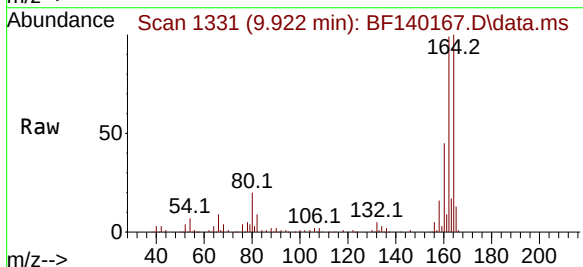
Instrument :
BNA_F
ClientSampleId :
PITKIN-COMP

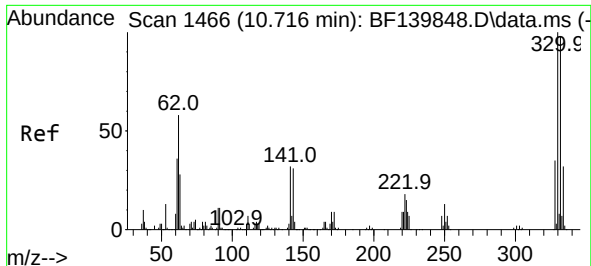
Tgt Ion: 82 Resp: 284544
Ion Ratio Lower Upper
82 100
128 42.1 33.4 50.0
54 58.5 47.8 71.8



#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

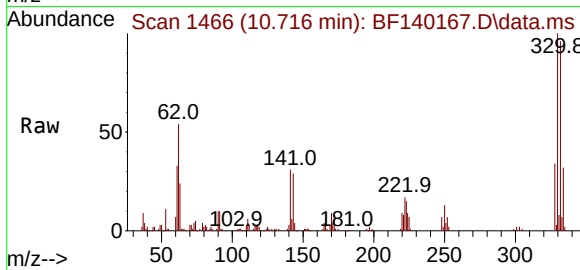
Tgt Ion:164 Resp: 128999
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.4
160 45.0 35.4 53.0



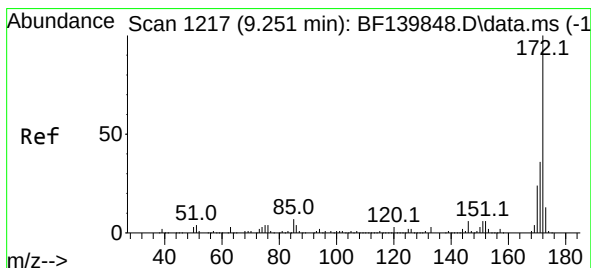
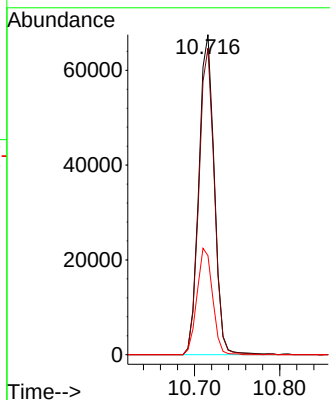
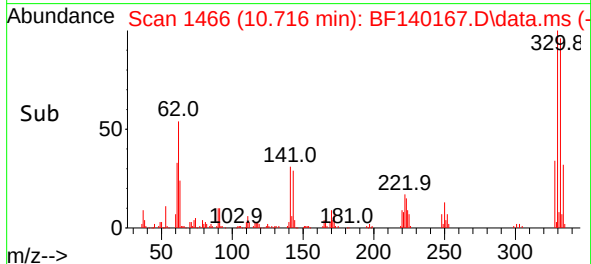


#42
2,4,6-Tribromophenol
Concen: 70.355 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

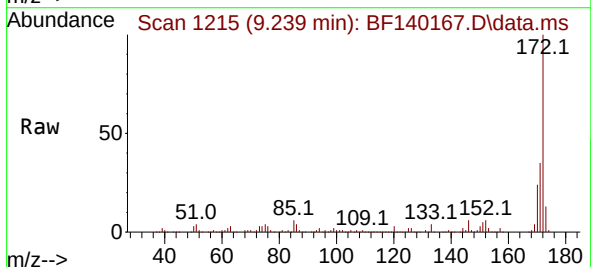
Instrument :
BNA_F
ClientSampleId :
PITKIN-COMP



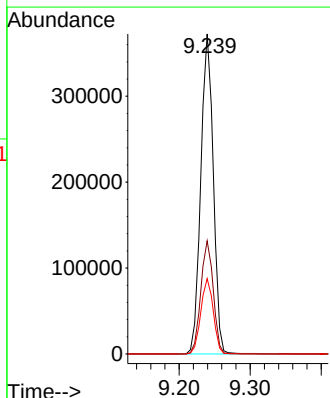
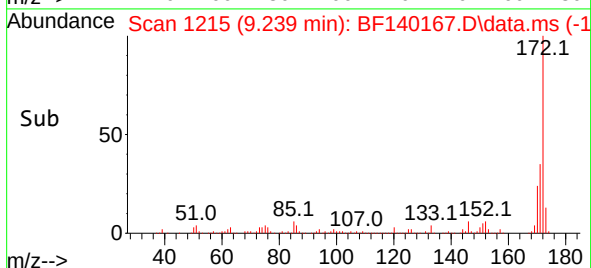
Tgt Ion:330 Resp: 84891
Ion Ratio Lower Upper
330 100
332 95.3 78.1 117.1
141 33.5 26.6 39.8

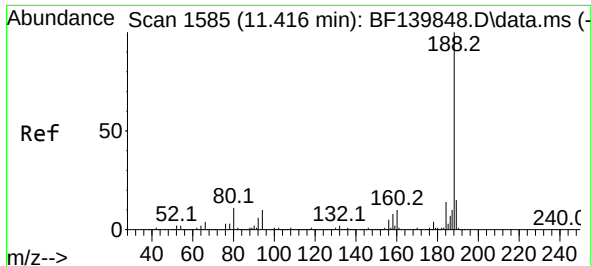


#45
2-Fluorobiphenyl
Concen: 58.601 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32



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

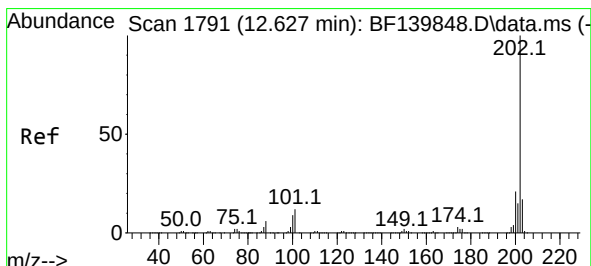
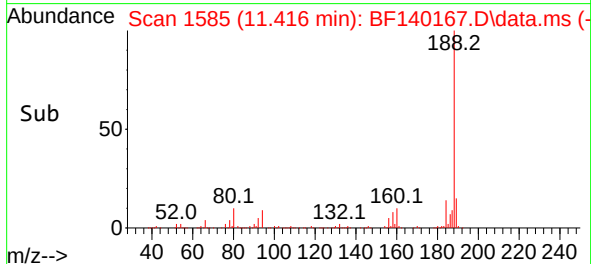
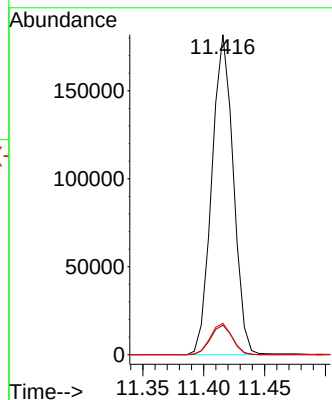
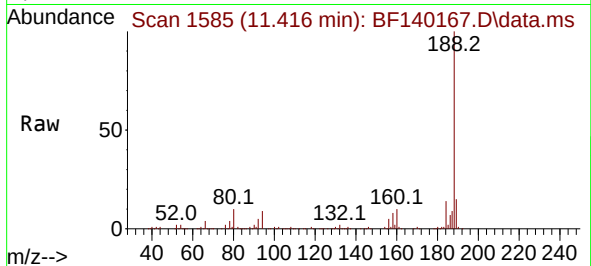




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

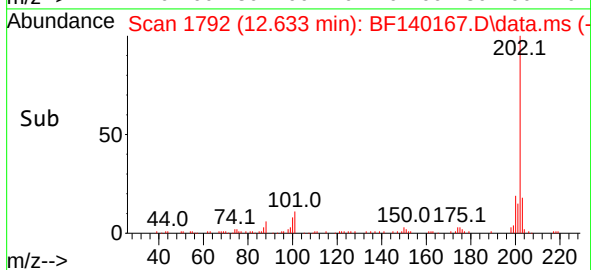
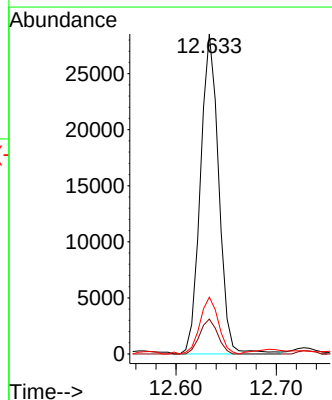
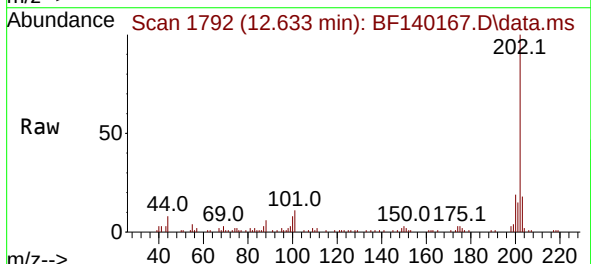
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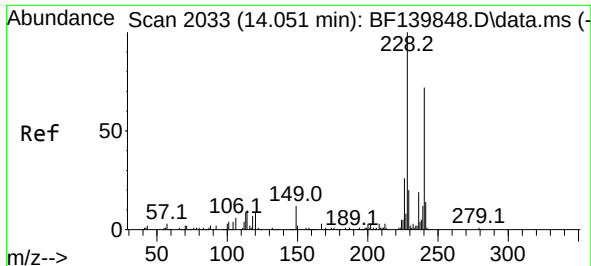
Tgt Ion:188 Resp: 223684
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 9.8 9.0 13.4



#75
Fluoranthene
Concen: 3.401 ng
RT: 12.633 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

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

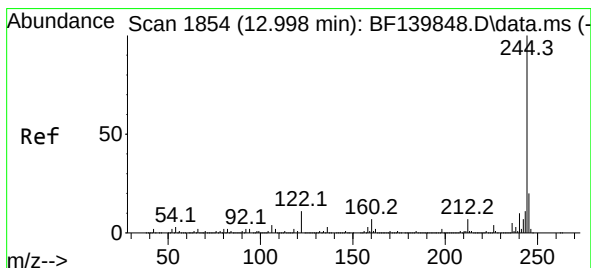
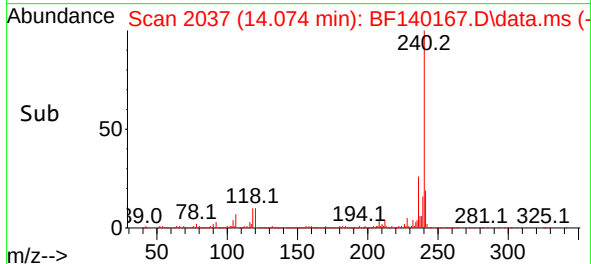
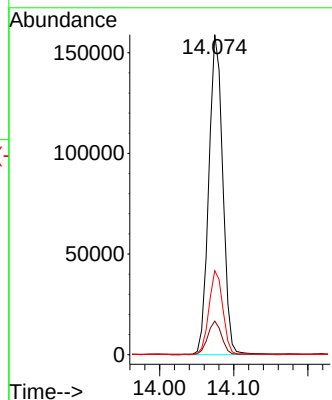
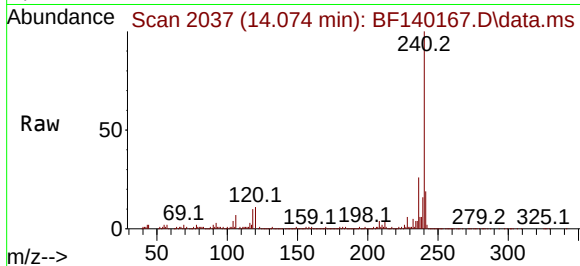




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2033
Delta R.T. 0.024 min
Lab File: BF140167.D
Acq: 30 Oct 2024 19:32

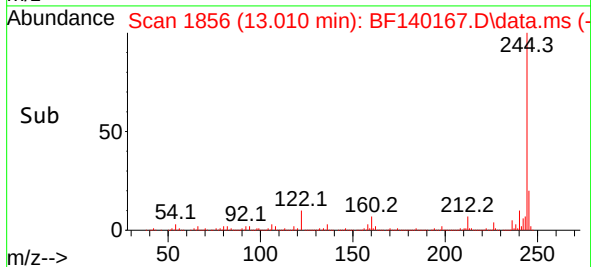
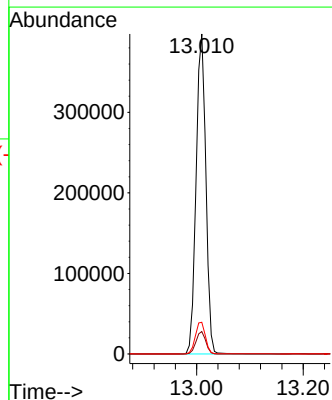
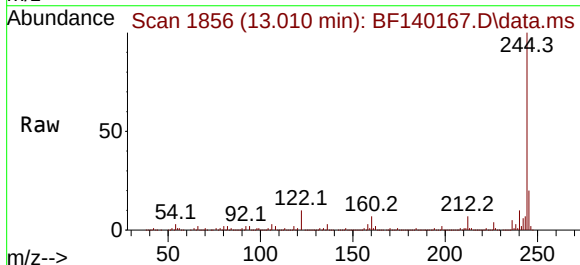
Instrument :
BNA_F
ClientSampleId :
PITKIN-COMP

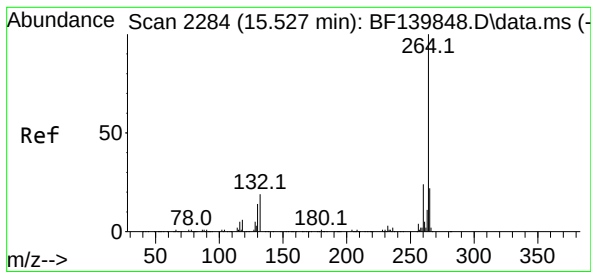
Tgt Ion:240 Resp: 208380
Ion Ratio Lower Upper
240 100
120 10.5 9.4 14.2
236 26.3 20.9 31.3



#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

