

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134401.D
 Acq On : 21 Jul 2023 15:05
 Operator : CG\JU
 Sample : 03639-31
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP10

Quant Time: Jul 21 15:48:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

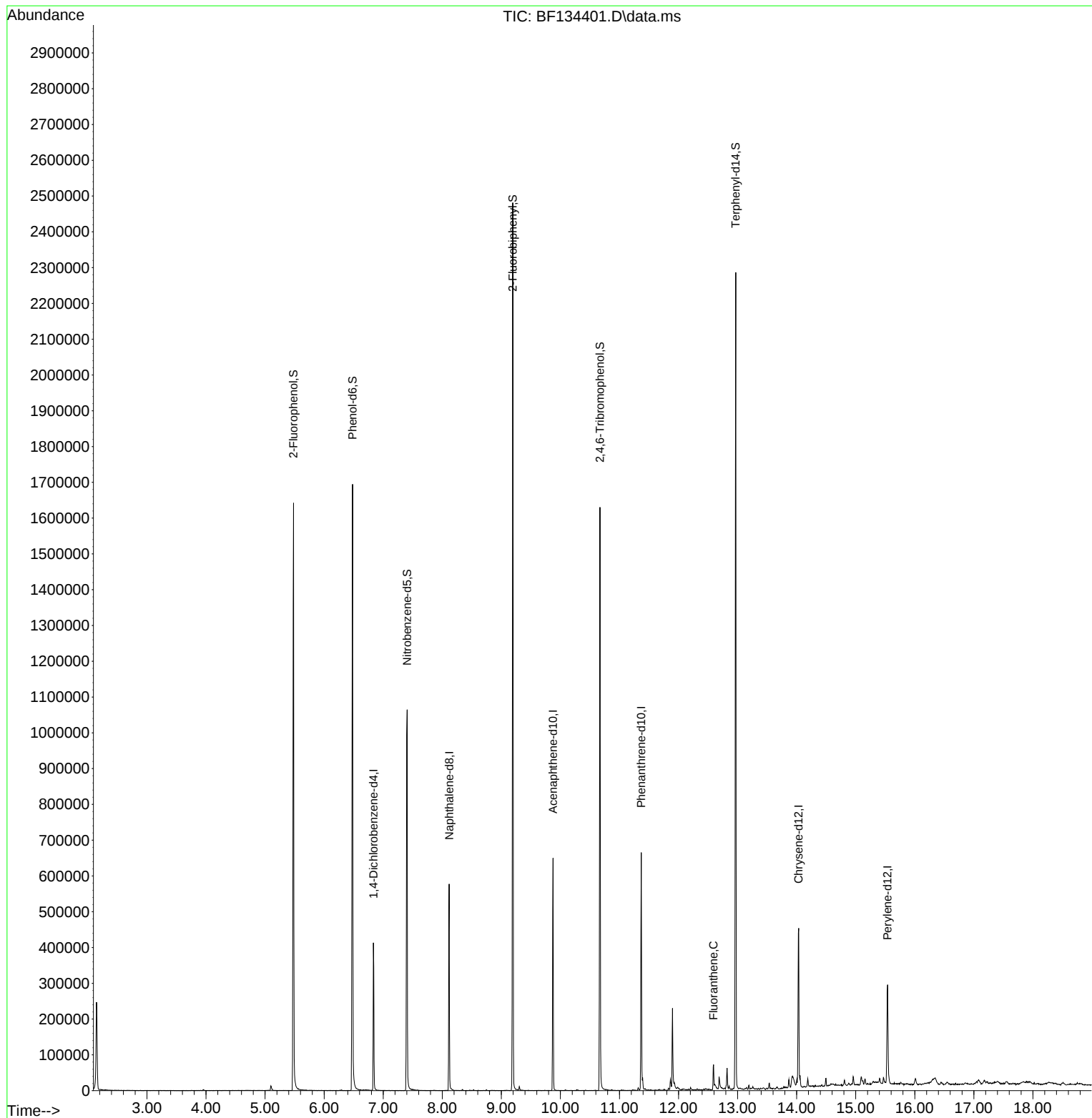
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	60515	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	235869	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	123150	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	239577	20.000	ng	0.00
76) Chrysene-d12	14.033	240	156492	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	135591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	415433	114.835	ng	0.01
7) Phenol-d6	6.481	99	510693	114.788	ng	0.00
23) Nitrobenzene-d5	7.404	82	343772	78.565	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	189600	122.794	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	691167	81.598	ng	-0.01
79) Terphenyl-d14	12.969	244	759272	78.086	ng	0.00
Target Compounds						
75) Fluoranthene	12.592	202	29518	2.264	ng	Qvalue 96

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

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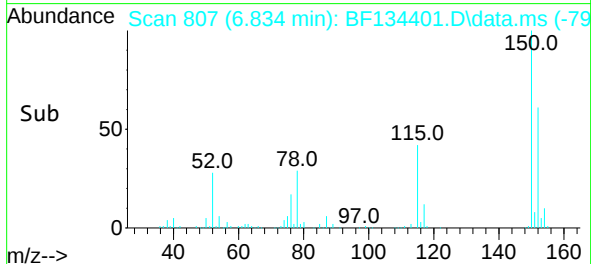
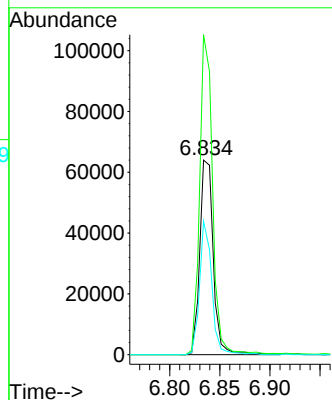
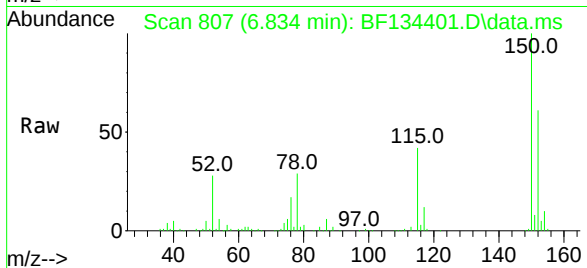




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF134401.D
Acq: 21 Jul 2023 15:05

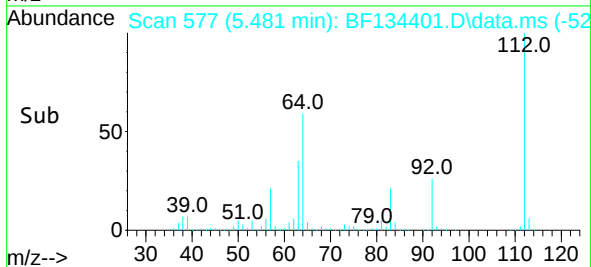
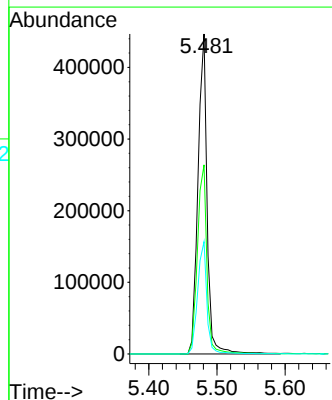
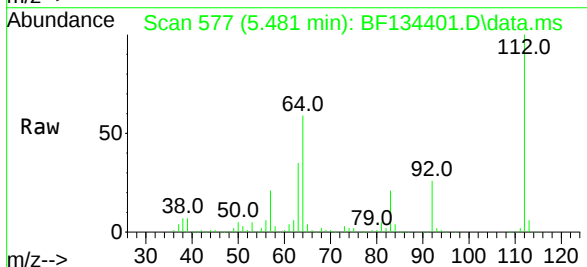
Instrument :
BNA_F
ClientSampleId :
TP10

Tgt Ion:152 Resp: 60515
Ion Ratio Lower Upper
152 100
150 164.5 124.5 186.7
115 68.6 50.2 75.2



#5
2-Fluorophenol
Concen: 114.835 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF134401.D
Acq: 21 Jul 2023 15:05

Tgt Ion:112 Resp: 415433
Ion Ratio Lower Upper
112 100
64 59.1 52.1 78.1
63 35.1 28.6 42.8

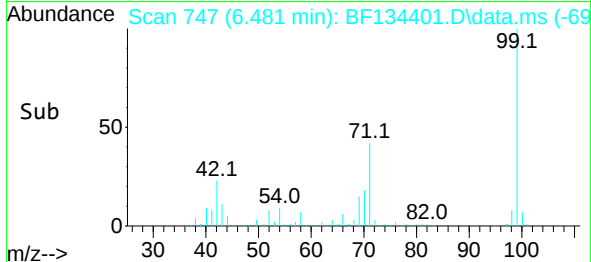
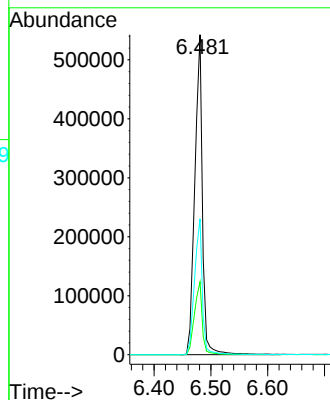
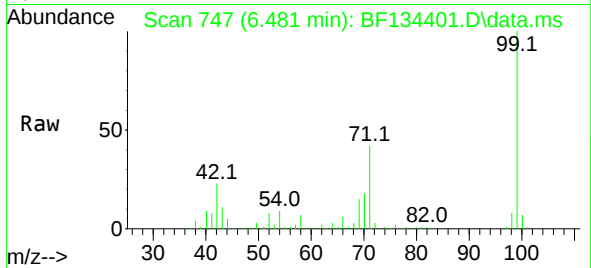




#7
Phenol-d6
Concen: 114.788 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134401.D
Acq: 21 Jul 2023 15:05

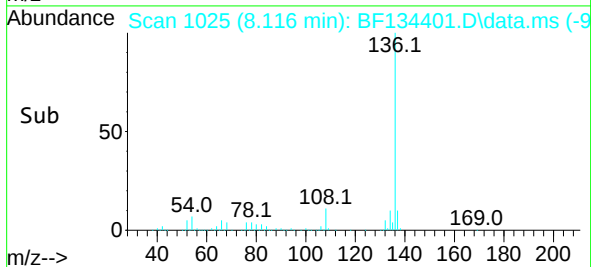
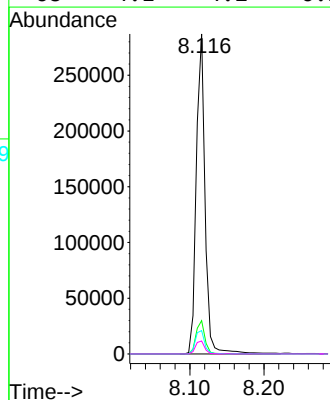
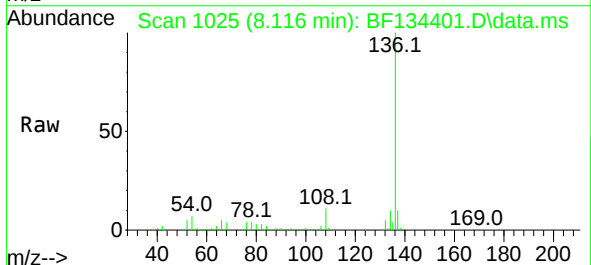
Instrument :
BNA_F
ClientSampleId :
TP10

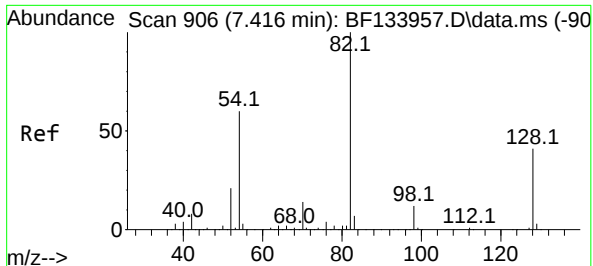
Tgt Ion: 99 Resp: 510693
Ion Ratio Lower Upper
99 100
42 22.8 19.8 29.6
71 42.5 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134401.D
Acq: 21 Jul 2023 15:05

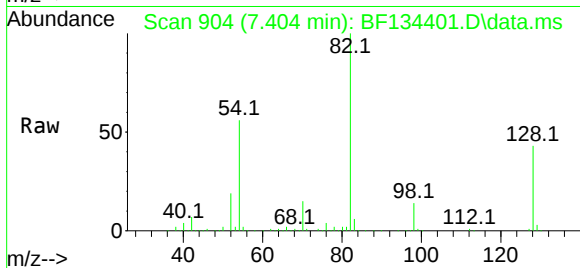
Tgt Ion: 136 Resp: 235869
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 7.3 6.5 9.7
68 4.1 4.2 6.2



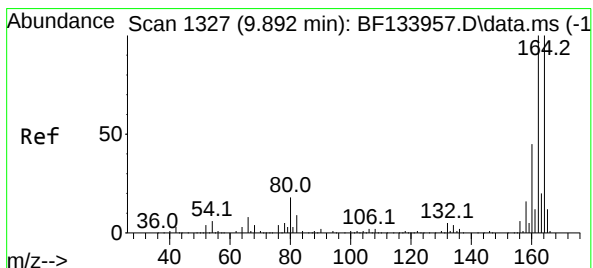
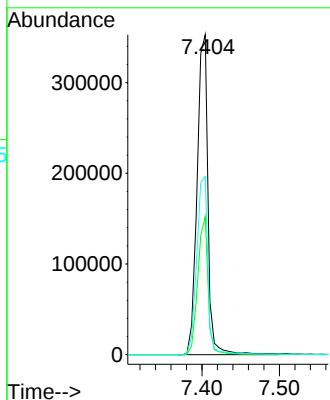
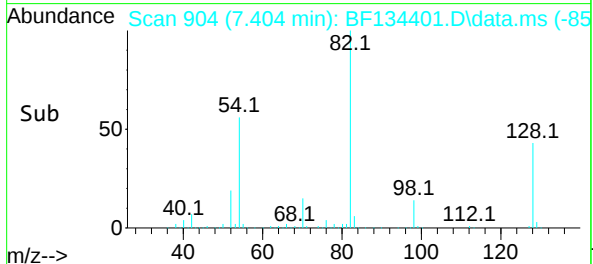


#23
Nitrobenzene-d5
Concen: 78.565 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134401.D
Acq: 21 Jul 2023 15:05

Instrument :
BNA_F
ClientSampleId :
TP10

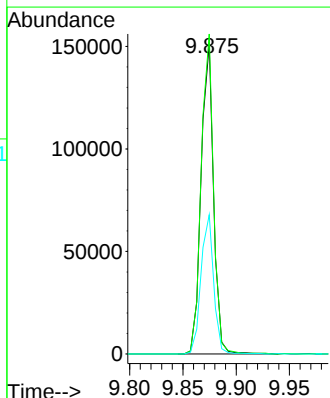
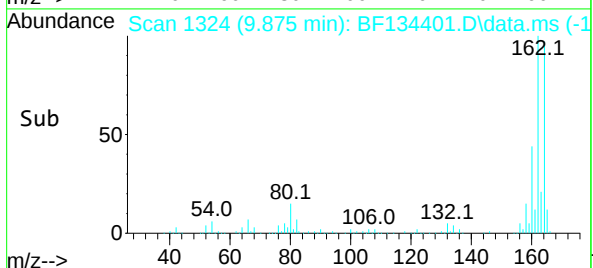
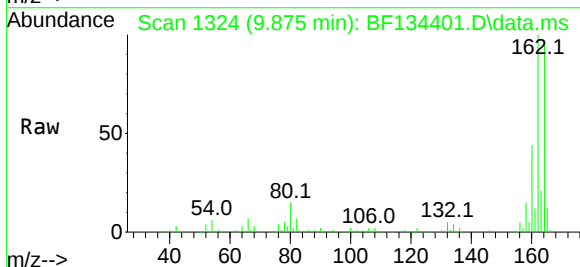


Tgt Ion: 82 Resp: 343772
Ion Ratio Lower Upper
82 100
128 43.1 32.5 48.7
54 55.6 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134401.D
Acq: 21 Jul 2023 15:05

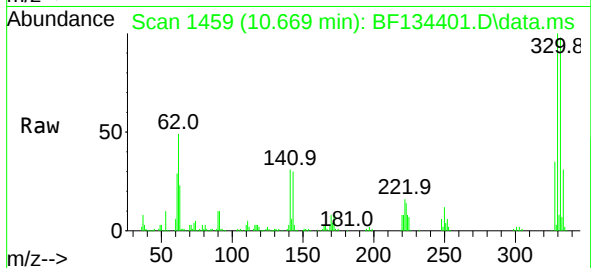
Tgt Ion: 164 Resp: 123150
Ion Ratio Lower Upper
164 100
162 103.3 80.0 120.0
160 45.0 35.9 53.9



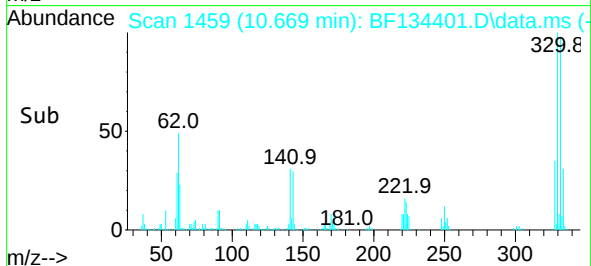
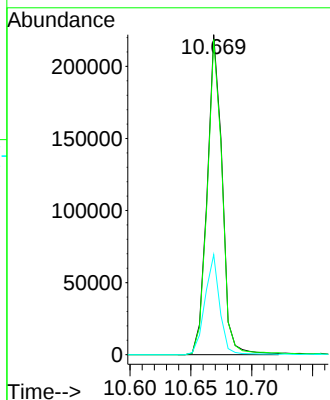


#42
2,4,6-Tribromophenol
Concen: 122.794 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134401.D
Acq: 21 Jul 2023 15:05

Instrument :
BNA_F
ClientSampleId :
TP10

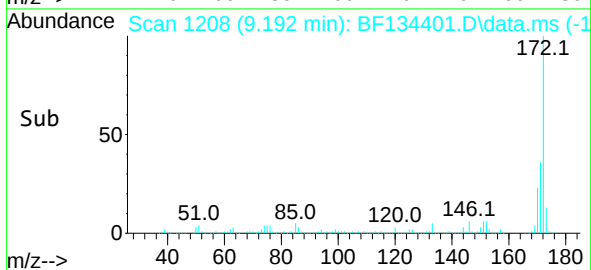
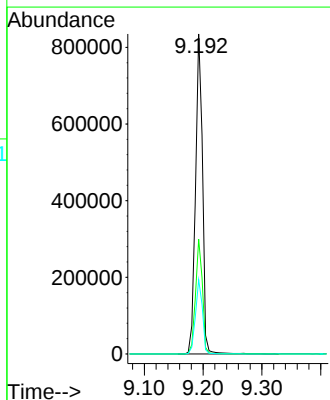
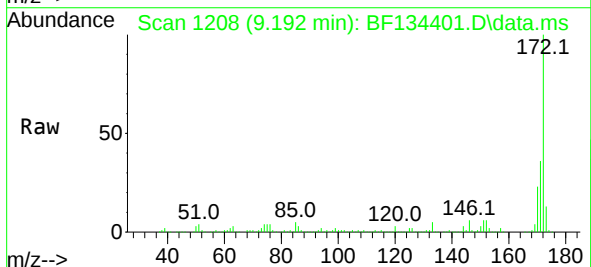


Tgt Ion:330 Resp: 189600
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.6
141 31.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 81.598 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134401.D
Acq: 21 Jul 2023 15:05

Tgt Ion:172 Resp: 691167
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.2 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134401.D

Acq: 21 Jul 2023 15:05

Instrument :

BNA_F

ClientSampleId :

TP10

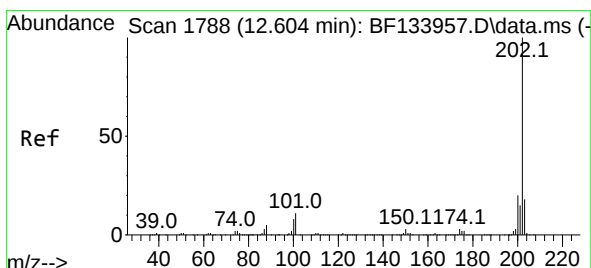
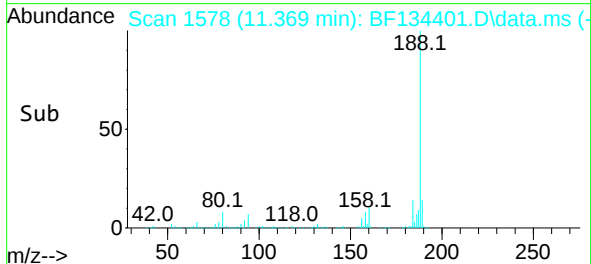
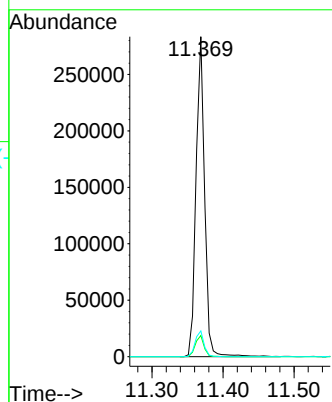
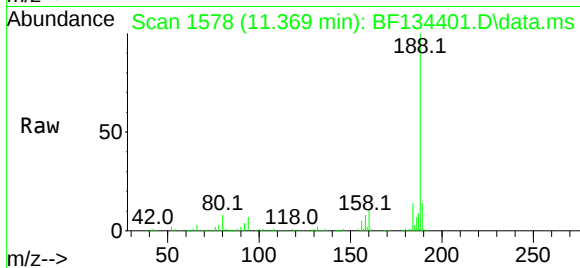
Tgt Ion:188 Resp: 239577

Ion Ratio Lower Upper

188 100

94 6.6 6.4 9.6

80 8.0 7.3 10.9



#75

Fluoranthene

Concen: 2.264 ng

RT: 12.592 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BF134401.D

Acq: 21 Jul 2023 15:05

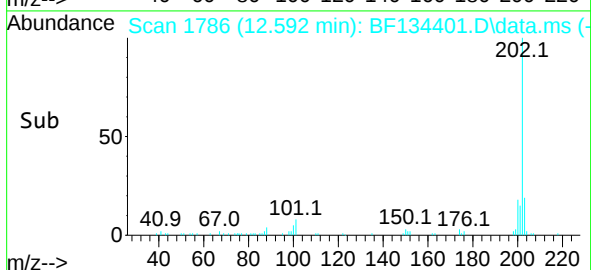
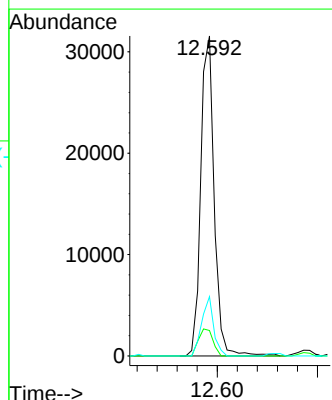
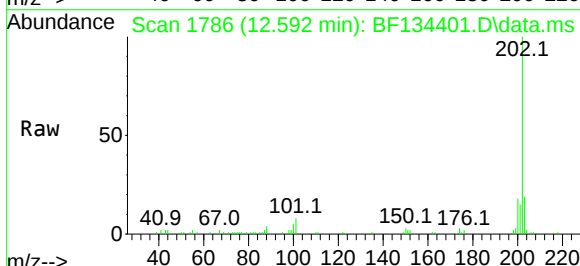
Tgt Ion:202 Resp: 29518

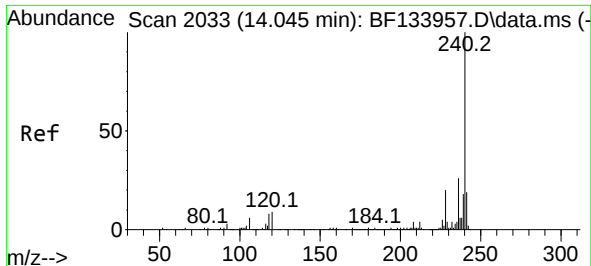
Ion Ratio Lower Upper

202 100

101 8.0 0.0 31.0

203 18.6 0.0 37.6

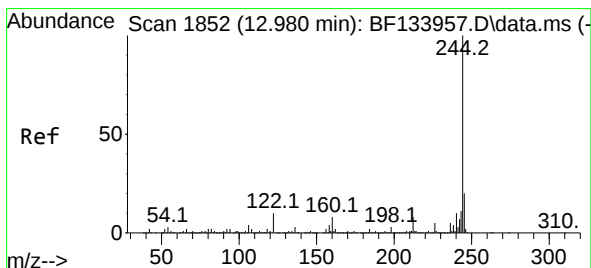
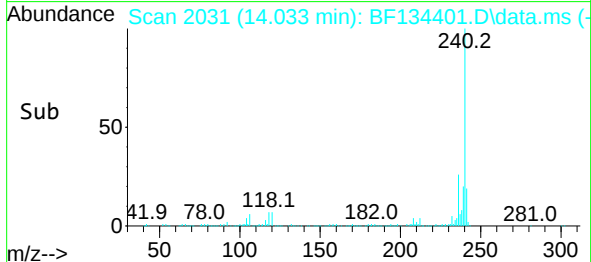
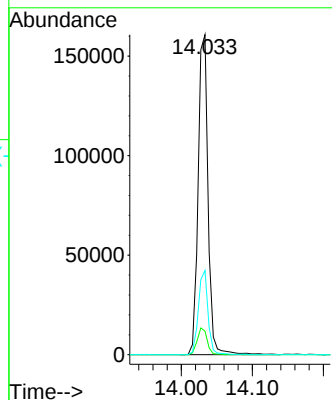
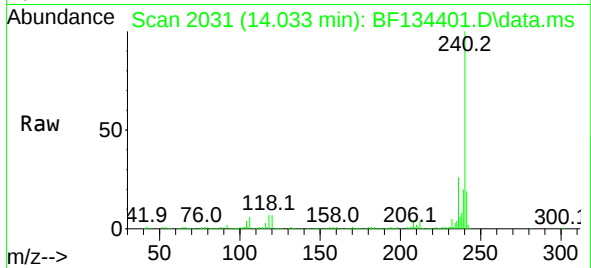




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134401.D
Acq: 21 Jul 2023 15:05

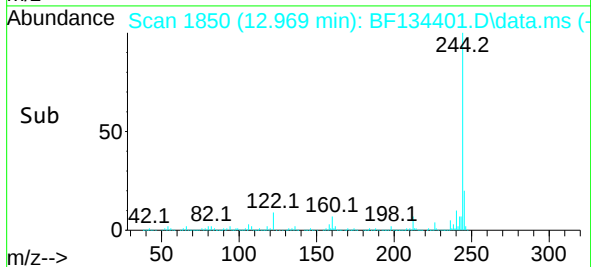
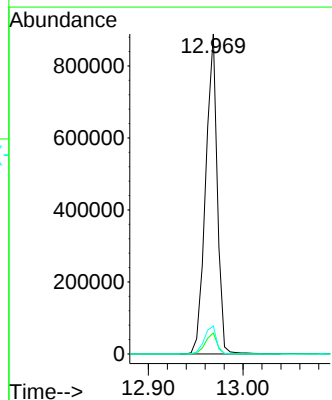
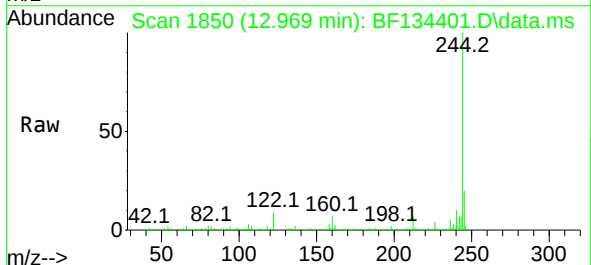
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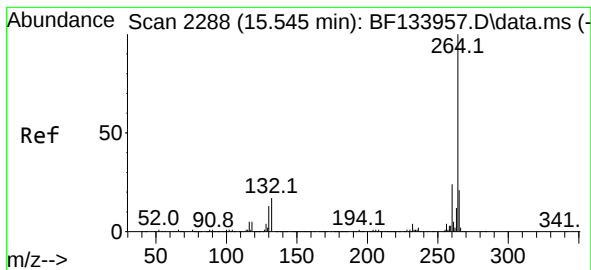
Tgt Ion:240 Resp: 156492
Ion Ratio Lower Upper
240 100
120 7.3 7.4 11.0#
236 26.3 21.0 31.6



#79
Terphenyl-d14
Concen: 78.086 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134401.D
Acq: 21 Jul 2023 15:05

Tgt Ion:244 Resp: 759272
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 8.8 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134401.D

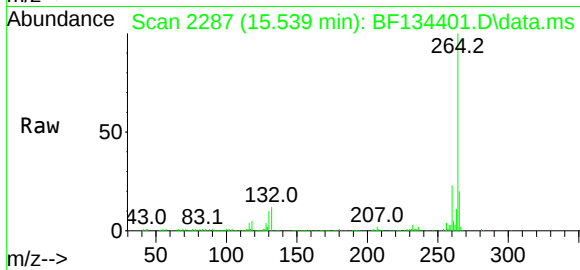
Acq: 21 Jul 2023 15:05

Instrument :

BNA_F

ClientSampleId :

TP10



Tgt Ion:264 Resp: 135591

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.3 16.6 25.0

