

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138998.D
 Acq On : 14 Aug 2024 17:12
 Operator : RC/JU
 Sample : P3548-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 343

Quant Time: Aug 14 17:47:51 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)

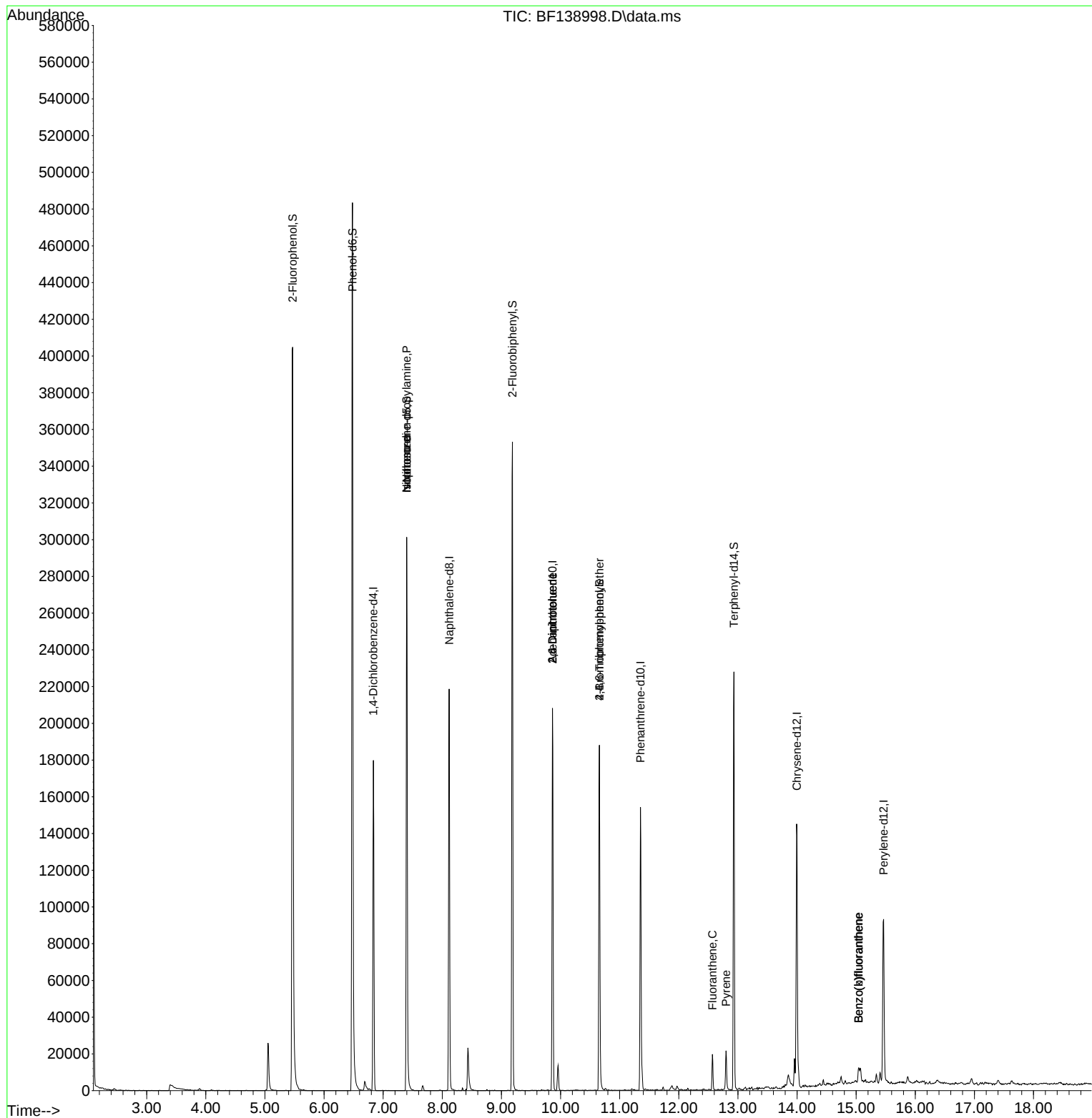
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	33651	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	127810	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	59239	20.000	ng	-0.02
64) Phenanthrene-d10	11.351	188	78912	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	65211	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	52107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	152131	69.786	ng	0.00
7) Phenol-d6	6.481	99	212128	72.477	ng	0.00
23) Nitrobenzene-d5	7.398	82	126599	48.428	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	26487	54.585	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	144954	36.765	ng	-0.02
79) Terphenyl-d14	12.933	244	102683	26.363	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	17527	9.915	ng	# 79
25) Isophorone	7.398	82	126610	28.364	ng	# 66
51) 2,6-Dinitrotoluene	9.863	165	7710	9.019	ng	# 19
57) 2,4-Dinitrotoluene	9.863	165	7710	7.069	ng	# 16
67) 4-Bromophenyl-phenylether	10.657	248	2082	2.437	ng	# 1
75) Fluoranthene	12.569	202	11188	2.949	ng	99
78) Pyrene	12.798	202	12538	2.042	ng	97
88) Benzo(b)fluoranthene	15.039	252	8270	2.560	ng	94
89) Benzo(k)fluoranthene	15.039	252	8270	2.957	ng	94

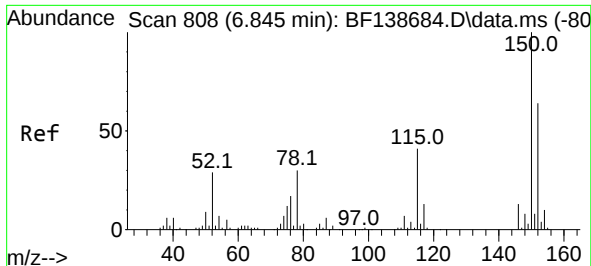
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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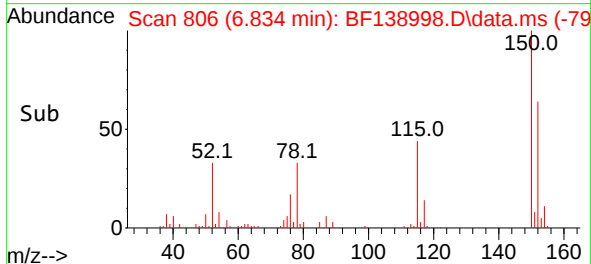
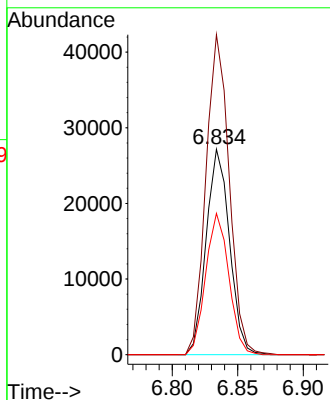
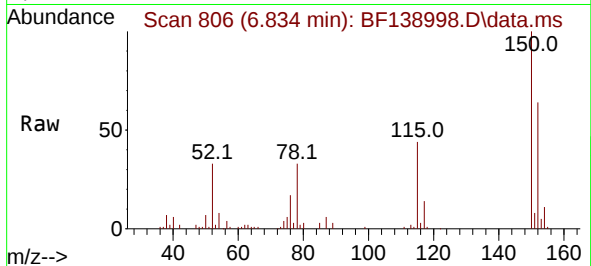




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

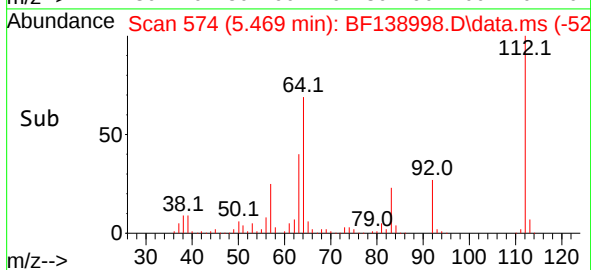
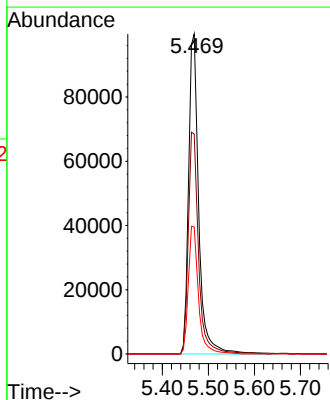
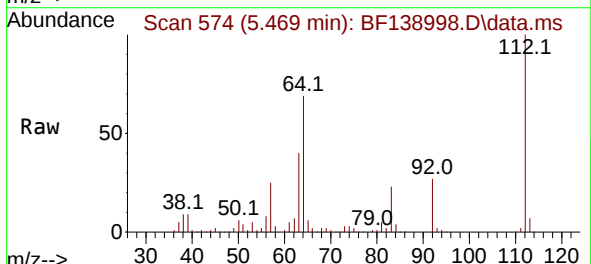
Instrument :
BNA_F
ClientSampleId :
343

Tgt Ion:152 Resp: 33651
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 68.8 51.7 77.5



#5
2-Fluorophenol
Concen: 69.786 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

Tgt Ion:112 Resp: 152131
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 39.7 28.7 43.1

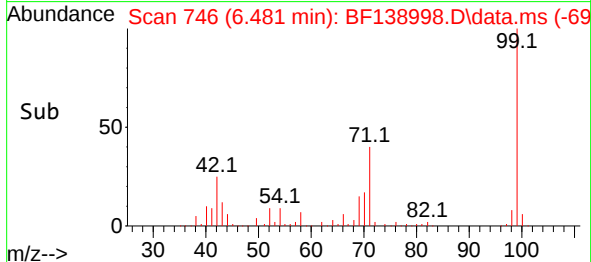
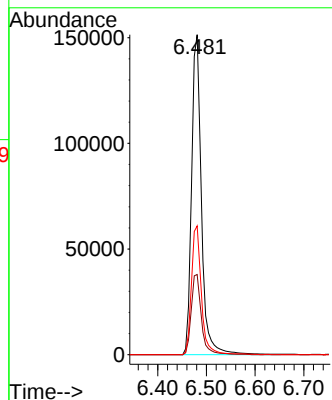
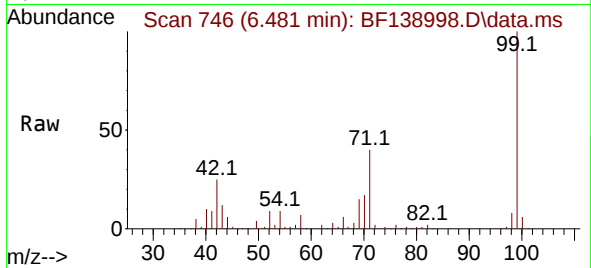




#7
Phenol-d6
Concen: 72.477 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

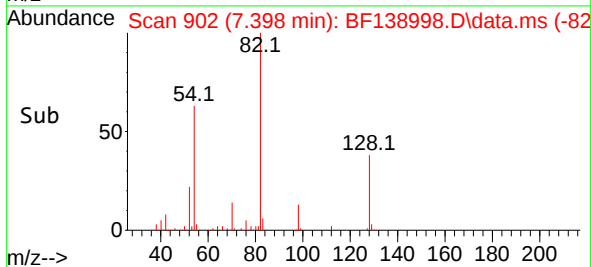
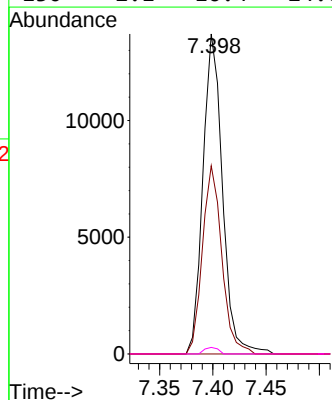
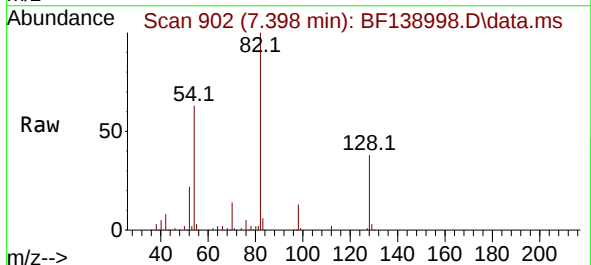
Instrument :
BNA_F
ClientSampleId :
343

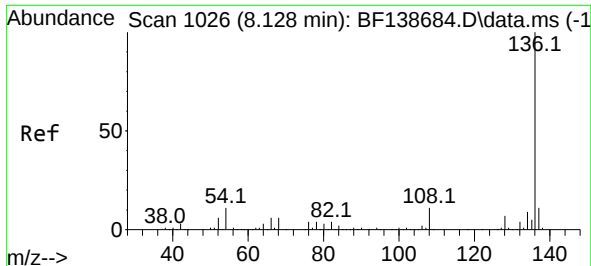
Tgt Ion: 99 Resp: 212128
Ion Ratio Lower Upper
99 100
42 25.1 17.4 26.0
71 40.2 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.915 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

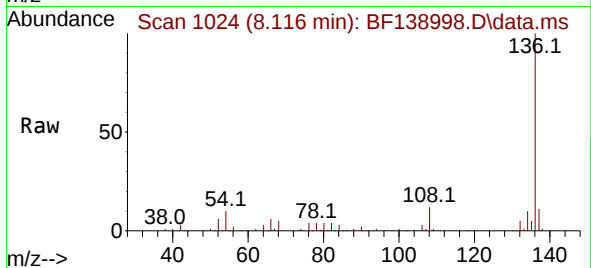
Tgt Ion: 70 Resp: 17527
Ion Ratio Lower Upper
70 100
42 58.8 57.4 86.0
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#





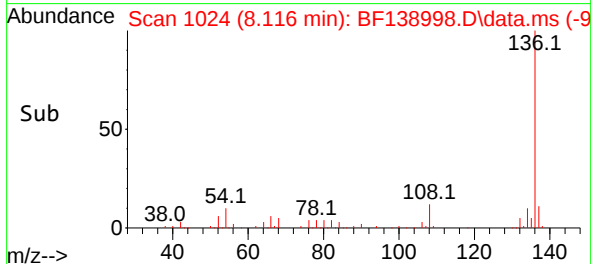
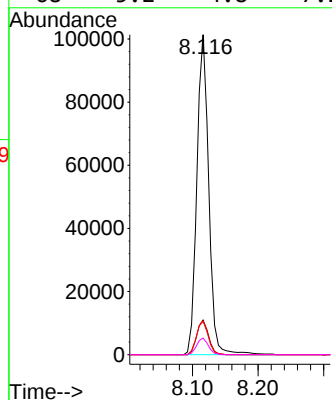
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

Instrument :
BNA_F
ClientSampleId :
343



Tgt Ion:136 Resp: 127810

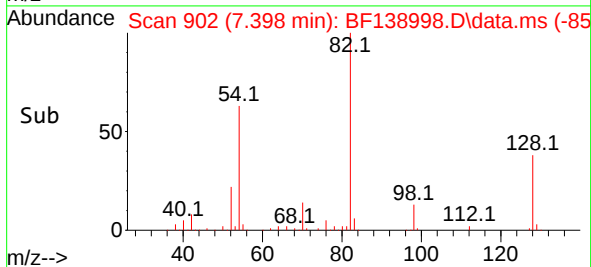
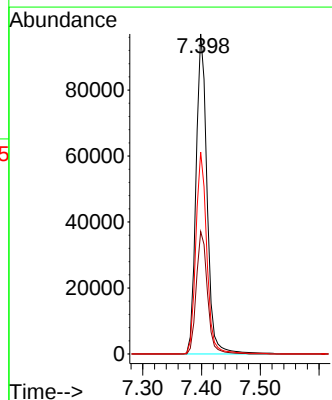
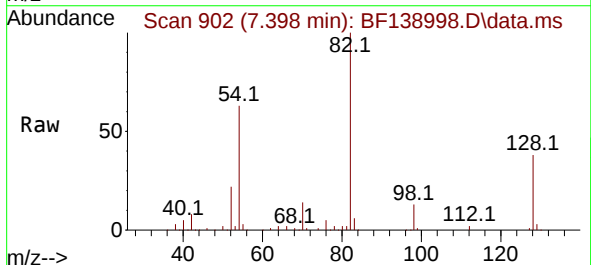
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.4	8.6	12.8
68	5.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 48.428 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

Tgt Ion: 82 Resp: 126599

Ion	Ratio	Lower	Upper
82	100		
128	38.3	32.8	49.2
54	63.1	48.3	72.5

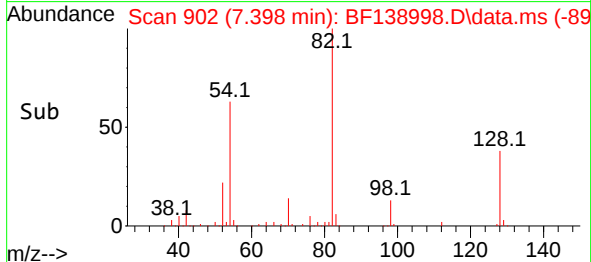
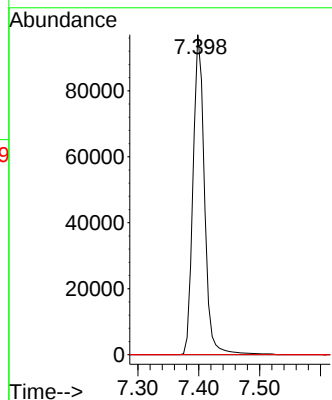
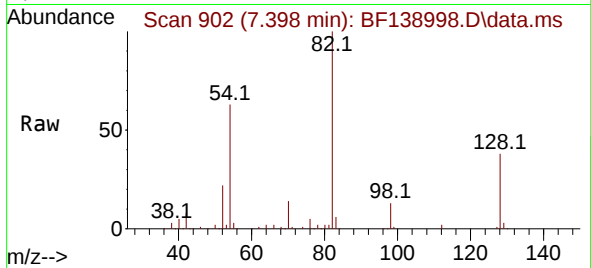




#25
Isophorone
Concen: 28.364 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

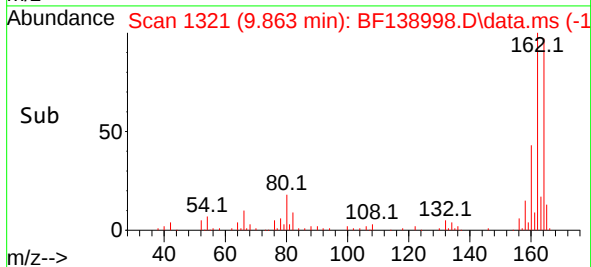
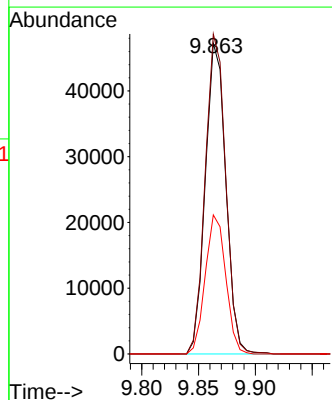
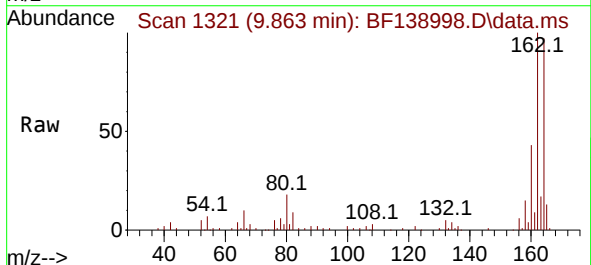
Instrument :
BNA_F
ClientSampleId :
343

Tgt Ion: 82 Resp: 126610
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: 9.863 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

Tgt Ion: 164 Resp: 59239
Ion Ratio Lower Upper
164 100
162 103.0 79.4 119.0
160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 54.585 ng

RT: 10.657 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF138998.D

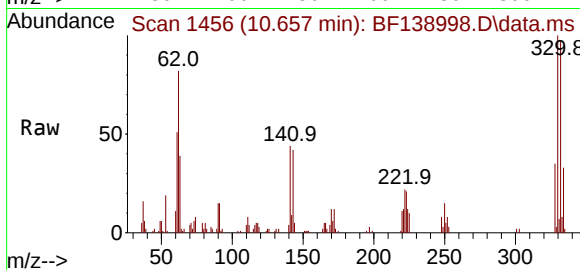
Acq: 14 Aug 2024 17:12

Instrument :

BNA_F

ClientSampleId :

343



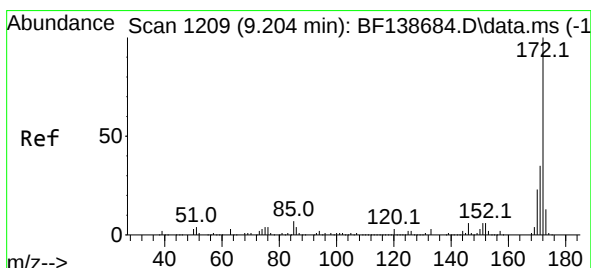
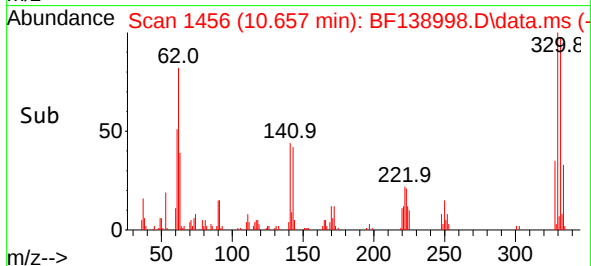
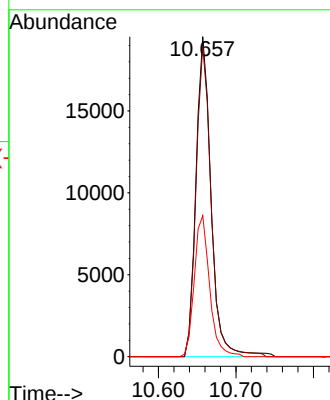
Tgt Ion:330 Resp: 26487

Ion Ratio Lower Upper

330 100

332 97.0 76.4 114.6

141 44.6 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 36.765 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF138998.D

Acq: 14 Aug 2024 17:12

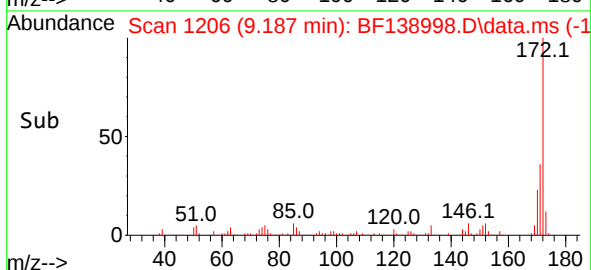
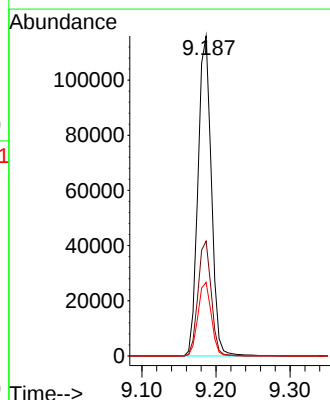
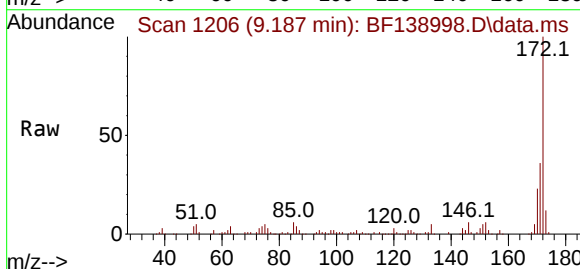
Tgt Ion:172 Resp: 144954

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.0 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.019 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF138998.D

Acq: 14 Aug 2024 17:12

Instrument :

BNA_F

ClientSampleId :

343

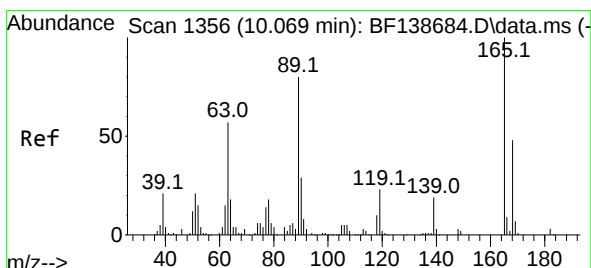
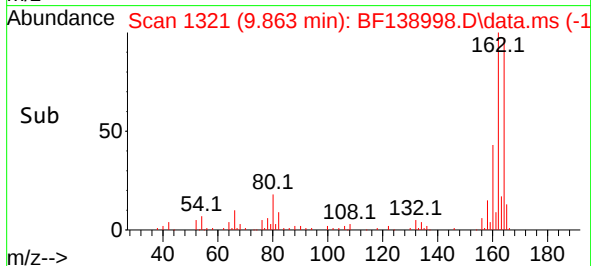
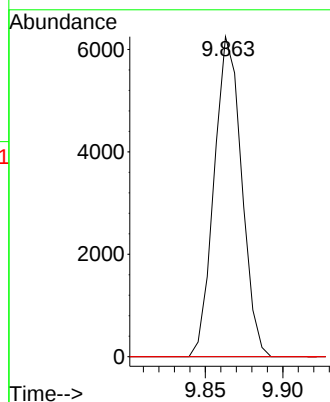
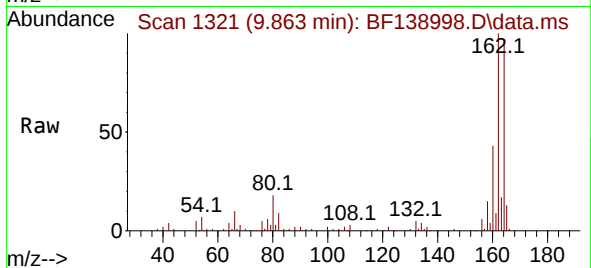
Tgt Ion:165 Resp: 7710

Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 0.0 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 7.069 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.206 min

Lab File: BF138998.D

Acq: 14 Aug 2024 17:12

Tgt Ion:165 Resp: 7710

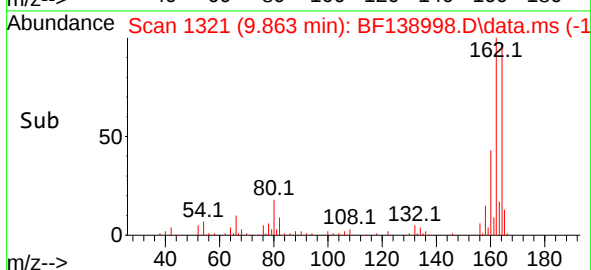
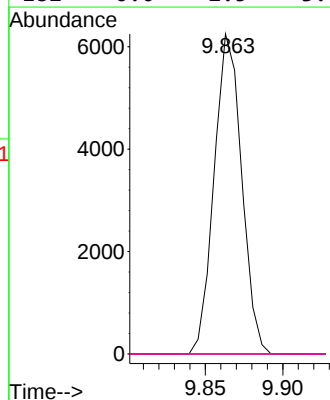
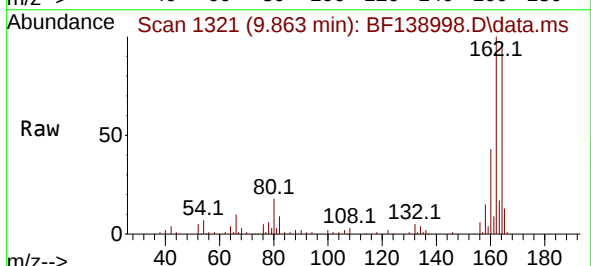
Ion Ratio Lower Upper

165 100

63 0.0 46.3 69.5#

89 0.0 64.2 96.4#

182 0.0 2.5 3.7#

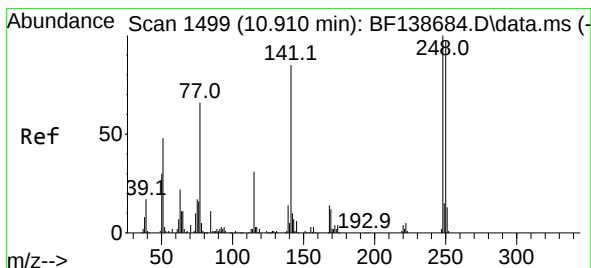
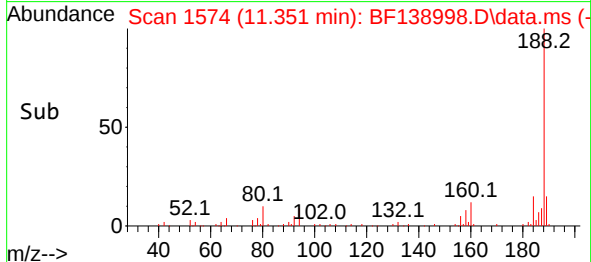
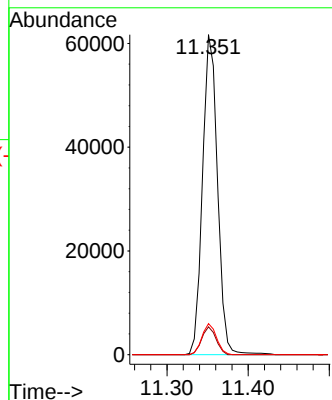
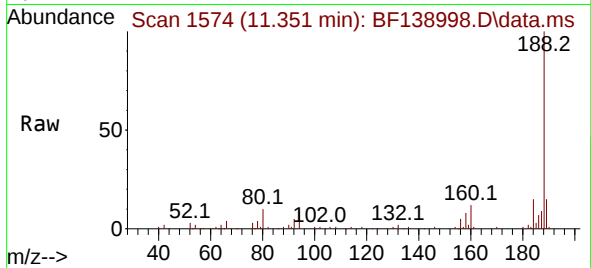




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

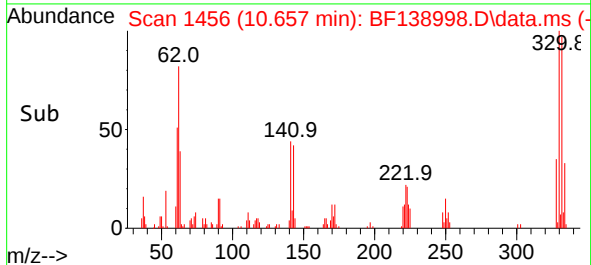
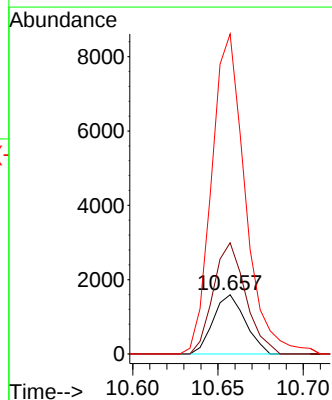
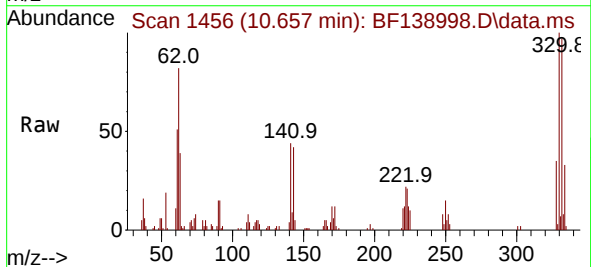
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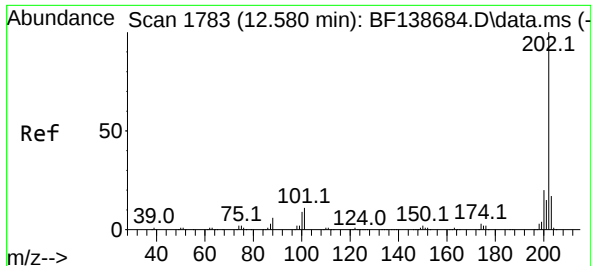
Tgt Ion:188 Resp: 78912
Ion Ratio Lower Upper
188 100
94 8.7 7.6 11.4
80 9.7 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 2.437 ng
RT: 10.657 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

Tgt Ion:248 Resp: 2082
Ion Ratio Lower Upper
248 100
250 187.9 77.7 116.5#
141 540.3 68.0 102.0#

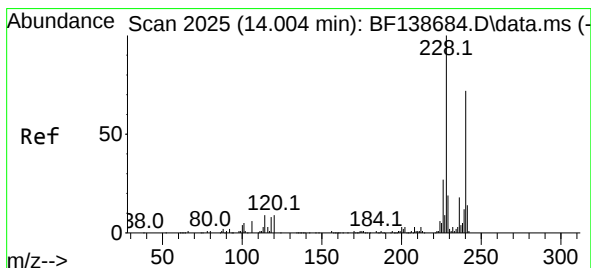
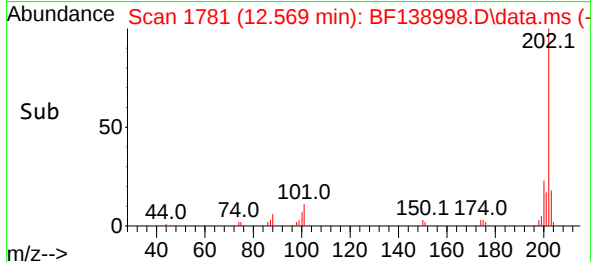
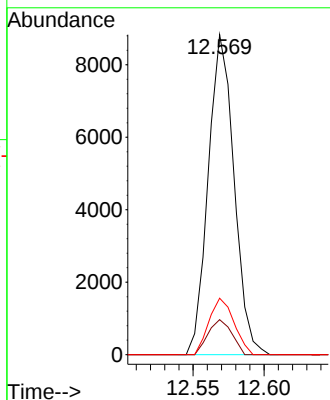
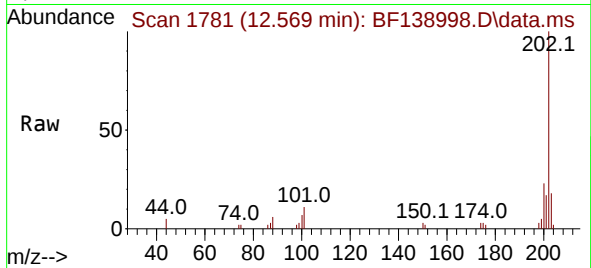




#75
Fluoranthene
Concen: 2.949 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

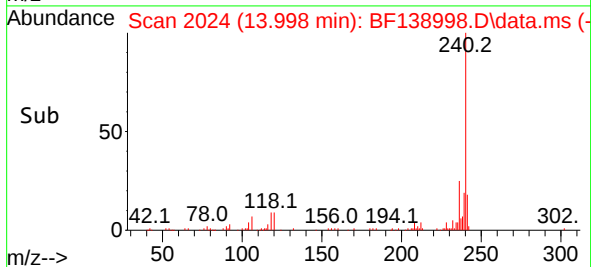
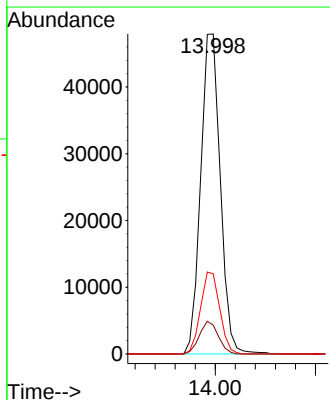
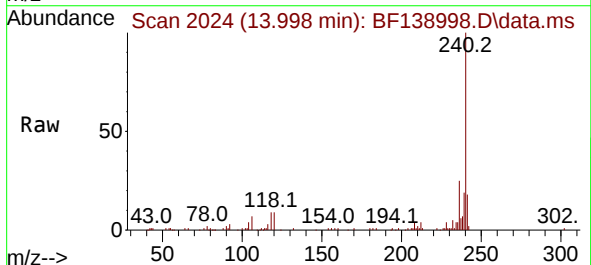
Instrument :
BNA_F
ClientSampleId :
343

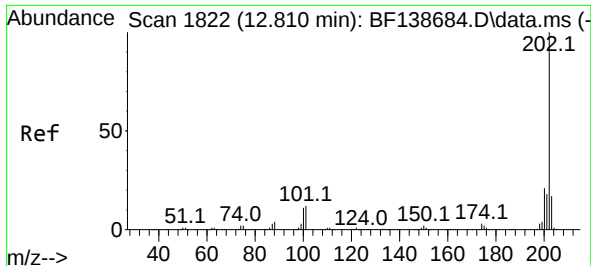
Tgt Ion:	202	Resp:	11188
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	31.2
203	17.6	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

Tgt Ion:	240	Resp:	65211
Ion Ratio	Lower	Upper	
240	100		
120	9.0	10.2	15.4#
236	25.1	19.8	29.8

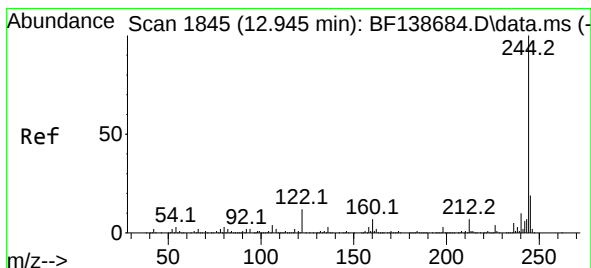
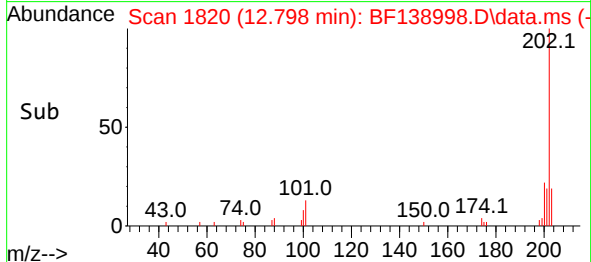
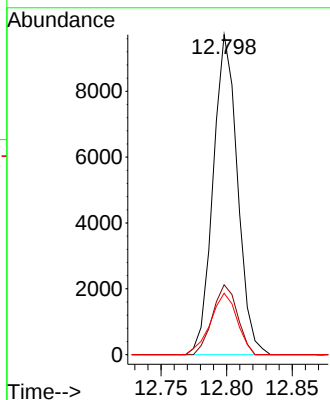
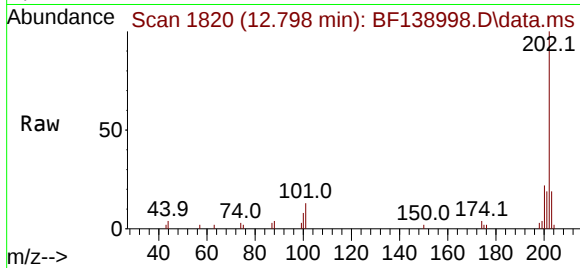




#78
Pyrene
Concen: 2.042 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

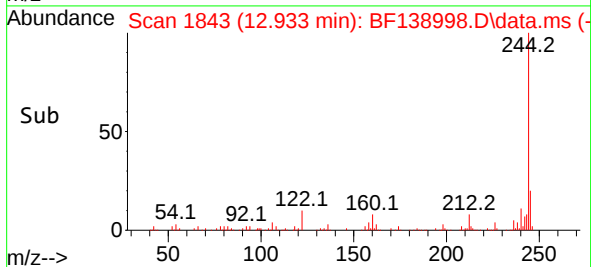
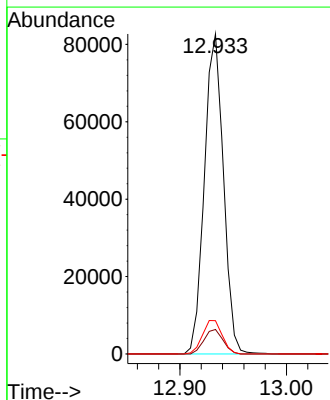
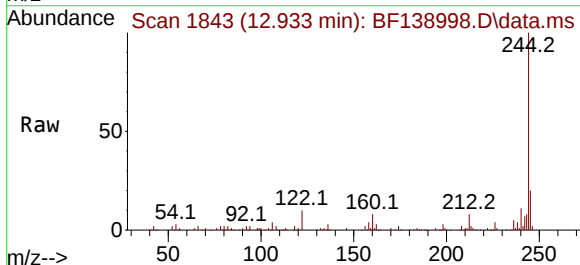
Instrument :
BNA_F
ClientSampleId :
343

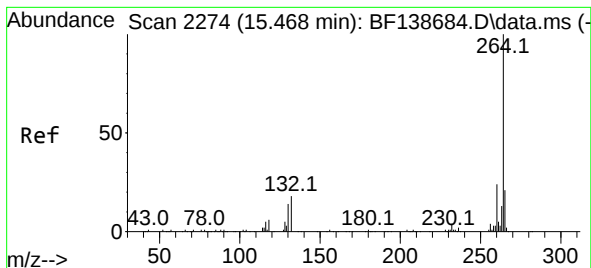
Tgt Ion:202 Resp: 12538
Ion Ratio Lower Upper
202 100
200 21.8 16.8 25.2
203 19.2 13.8 20.6



#79
Terphenyl-d14
Concen: 26.363 ng
RT: 12.933 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

Tgt Ion:244 Resp: 102683
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 10.4 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138998.D

Acq: 14 Aug 2024 17:12

Instrument :

BNA_F

ClientSampleId :

343

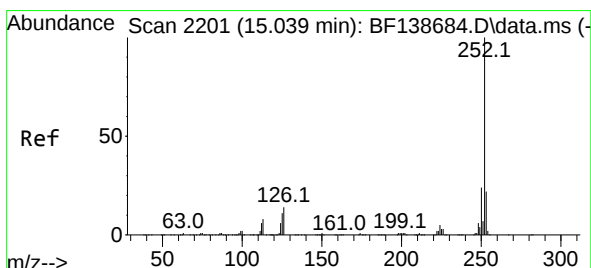
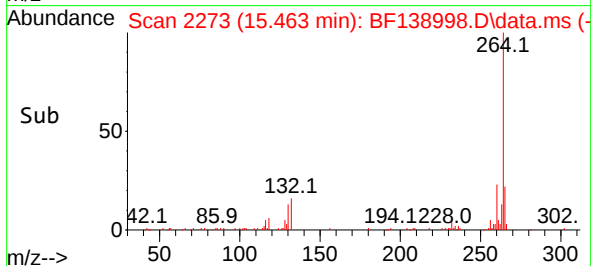
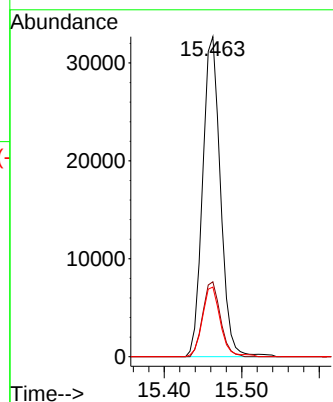
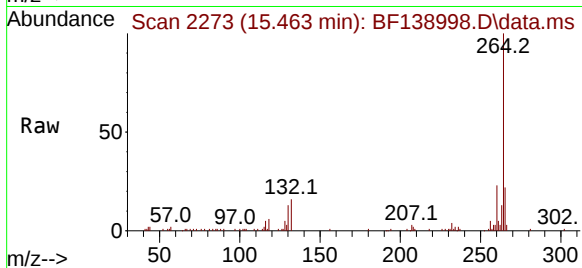
Tgt Ion:264 Resp: 52107

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.8 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 2.560 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF138998.D

Acq: 14 Aug 2024 17:12

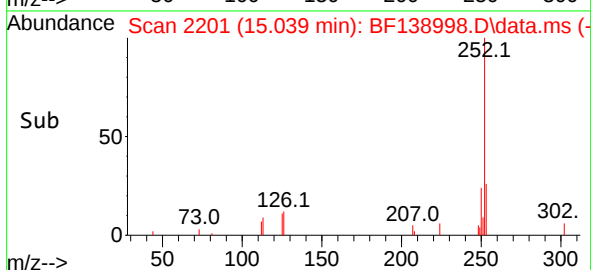
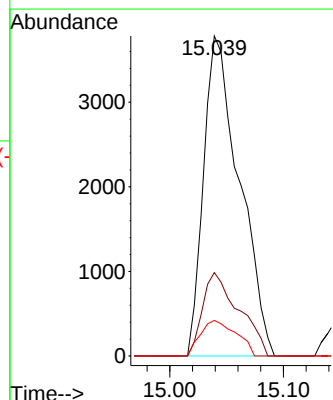
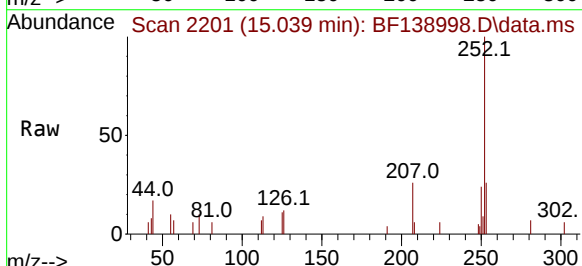
Tgt Ion:252 Resp: 8270

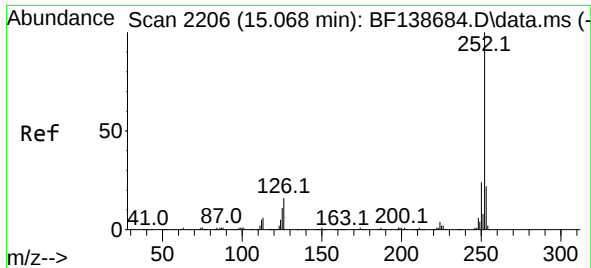
Ion Ratio Lower Upper

252 100

253 26.0 17.5 26.3

125 11.1 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 2.957 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF138998.D

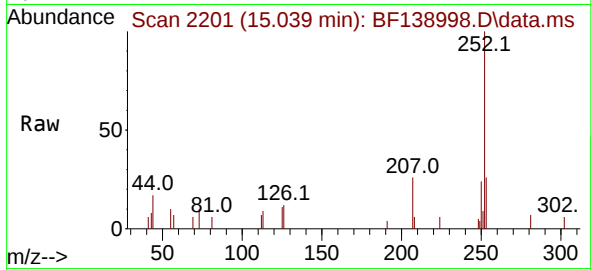
Acq: 14 Aug 2024 17:12

Instrument :

BNA_F

ClientSampleId :

343



Tgt Ion:252 Resp: 8270

Ion Ratio Lower Upper

252 100

253 26.0 17.4 26.0

125 11.1 8.6 13.0

