

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138666.D
 Acq On : 25 Jul 2024 21:53
 Operator : RC/JU
 Sample : P3358-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-07242024

Quant Time: Jul 26 01:16:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

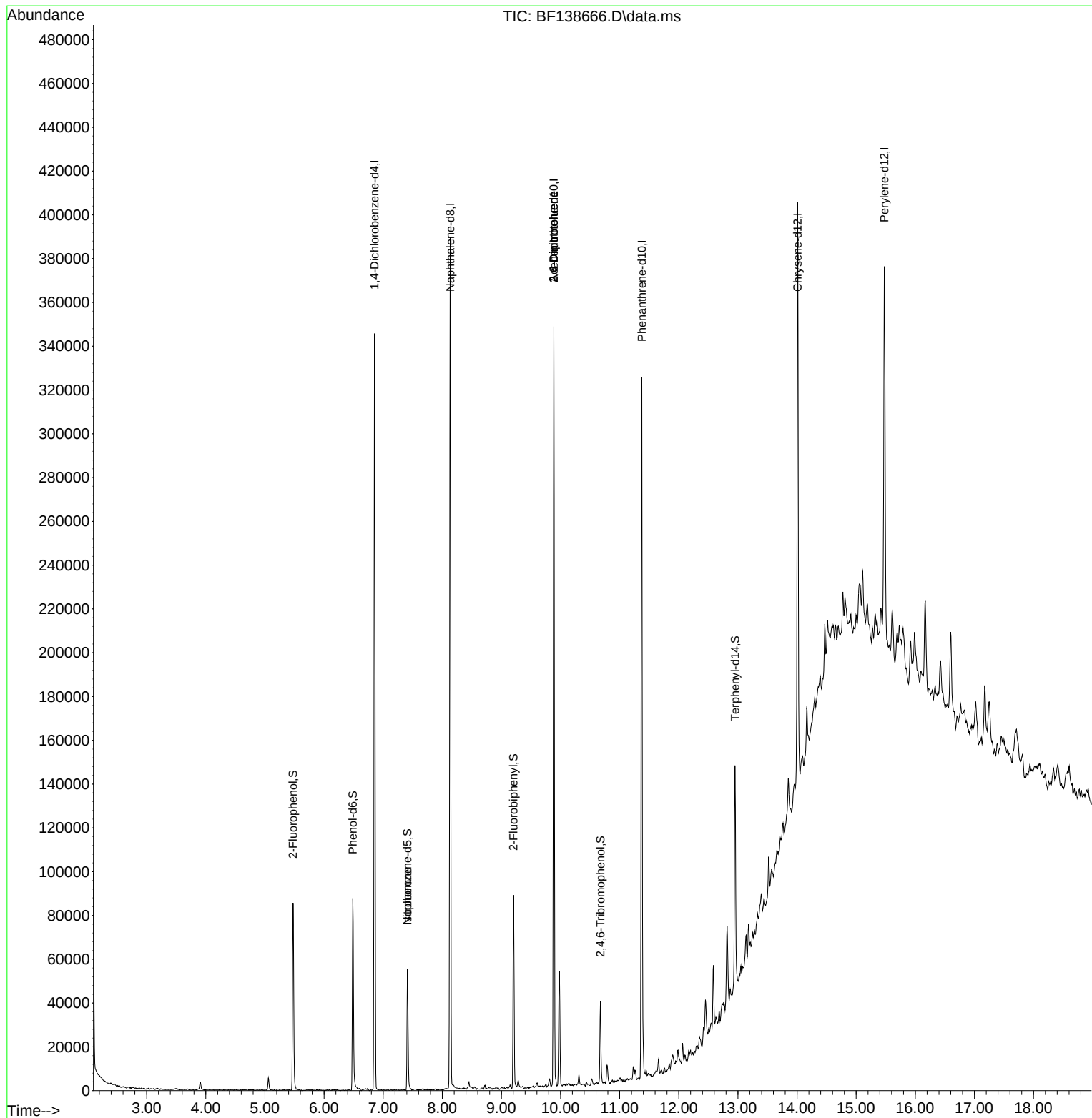
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	68982	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	227756	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	96805	20.000	ng	-0.02
64) Phenanthrene-d10	11.375	188	169384	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	118806	20.000	ng	-0.02
86) Perylene-d12	15.474	264	91351	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	30054	6.900	ng	-0.02
7) Phenol-d6	6.487	99	41761	7.207	ng	-0.02
23) Nitrobenzene-d5	7.410	82	24601	5.303	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	6007	6.639	ng	-0.02
45) 2-Fluorobiphenyl	9.204	172	37652	6.079	ng	-0.02
79) Terphenyl-d14	12.951	244	44154	6.055	ng	-0.02
Target Compounds						
						Qvalue
25) Isophorone	7.410	82	24601	3.088	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	12215	8.475	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	12215	6.550	ng	# 17

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

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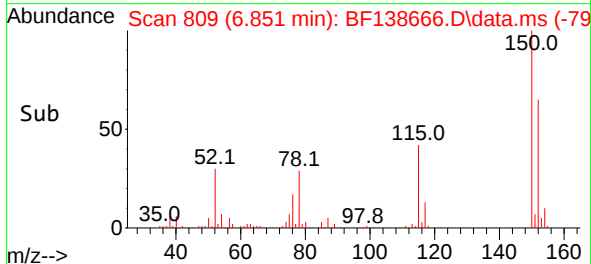
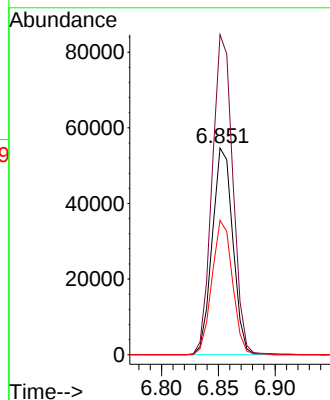
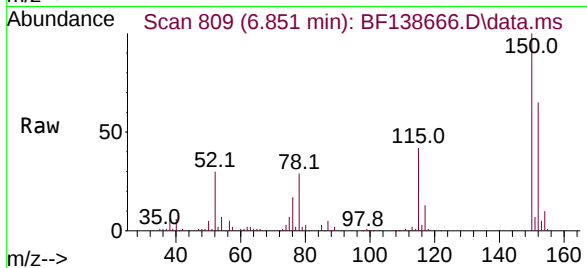




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138666.D
Acq: 25 Jul 2024 21:53

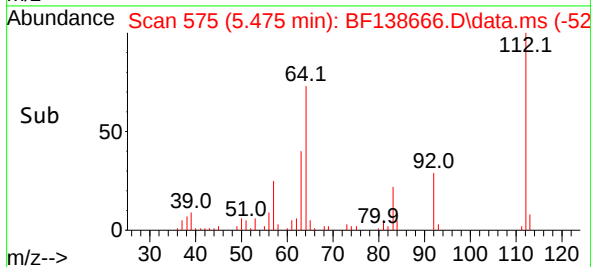
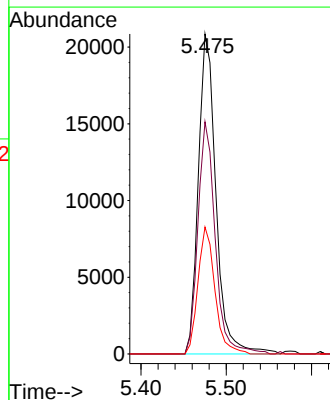
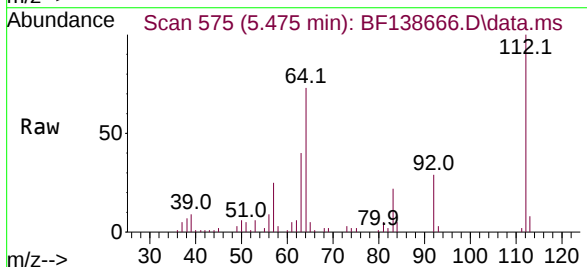
Instrument :
BNA_F
ClientSampleId :
OK-02-07242024

Tgt Ion:152 Resp: 68982
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.4
115 64.9 50.3 75.5



#5
2-Fluorophenol
Concen: 6.900 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.017 min
Lab File: BF138666.D
Acq: 25 Jul 2024 21:53

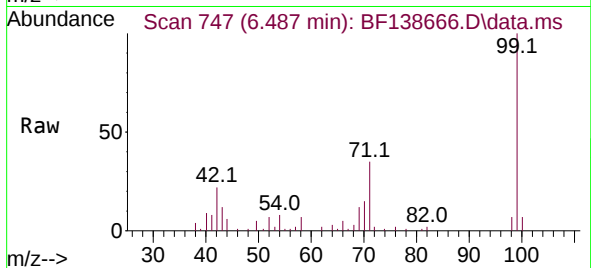
Tgt Ion:112 Resp: 30054
Ion Ratio Lower Upper
112 100
64 72.5 55.1 82.7
63 39.7 29.0 43.6



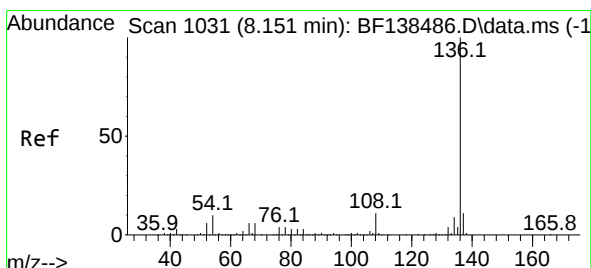
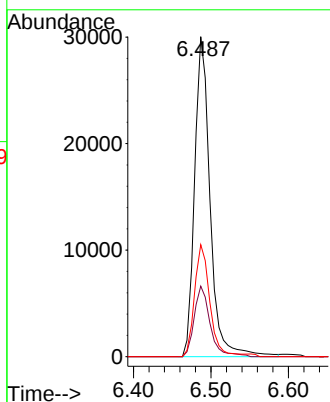
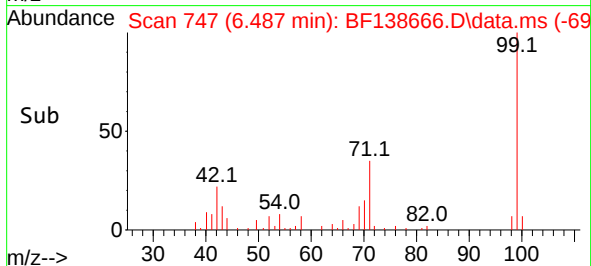


#7
Phenol-d6
Concen: 7.207 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF138666.D
Acq: 25 Jul 2024 21:53

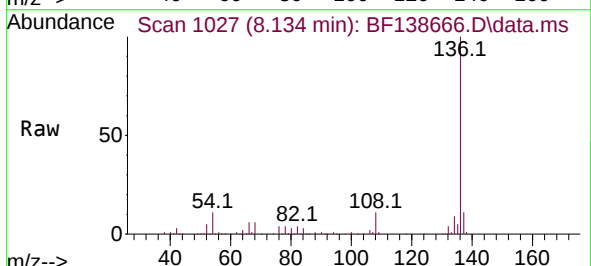
Instrument :
BNA_F
ClientSampleId :
OK-02-07242024



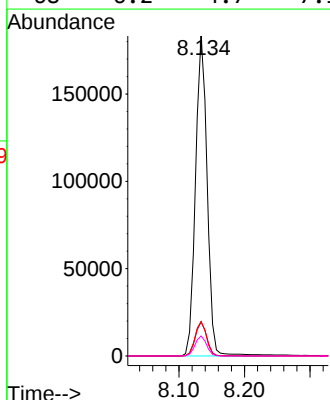
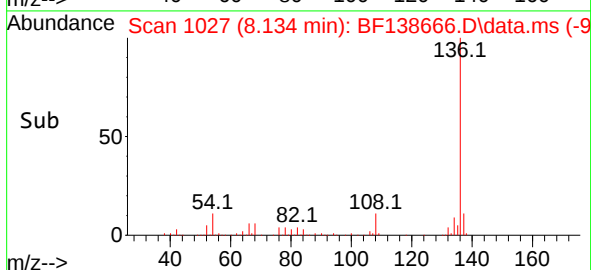
Tgt Ion: 99 Resp: 41761
Ion Ratio Lower Upper
99 100
42 22.0 19.7 29.5
71 35.0 29.9 44.9

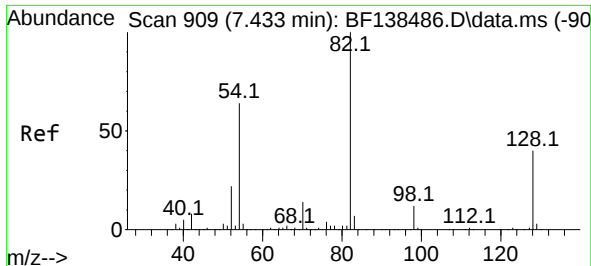


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.017 min
Lab File: BF138666.D
Acq: 25 Jul 2024 21:53



Tgt Ion: 136 Resp: 227756
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.8 8.1 12.1
68 6.2 4.7 7.1





#23

Nitrobenzene-d5

Concen: 5.303 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.023 min

Lab File: BF138666.D

Acq: 25 Jul 2024 21:53

Instrument :

BNA_F

ClientSampleId :

OK-02-07242024

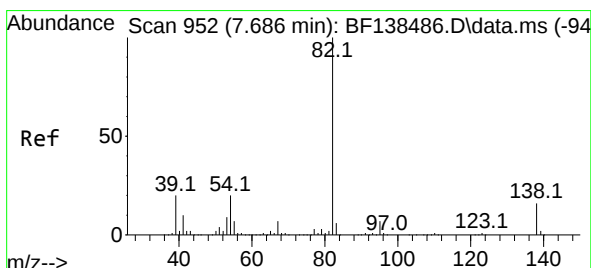
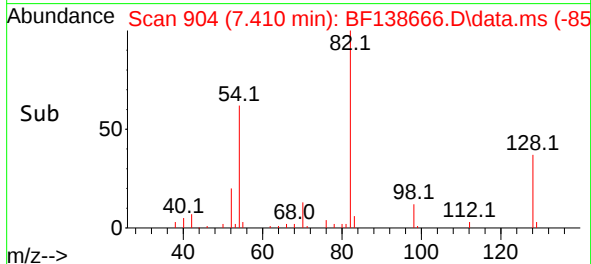
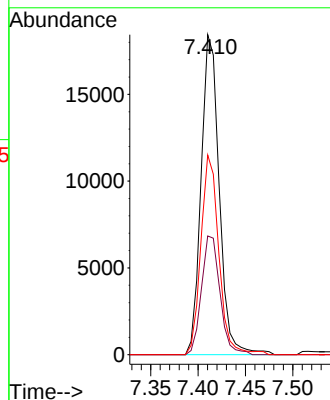
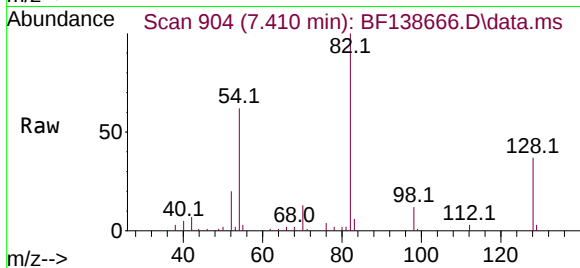
Tgt Ion: 82 Resp: 24601

Ion Ratio Lower Upper

82 100

128 37.1 32.3 48.5

54 62.4 51.4 77.0



#25

Isophorone

Concen: 3.088 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.276 min

Lab File: BF138666.D

Acq: 25 Jul 2024 21:53

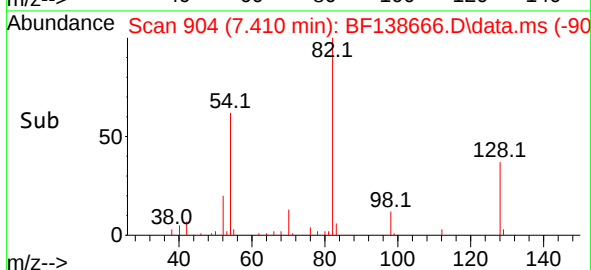
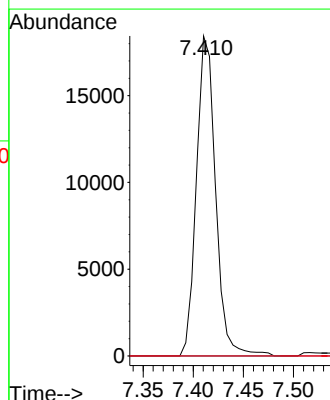
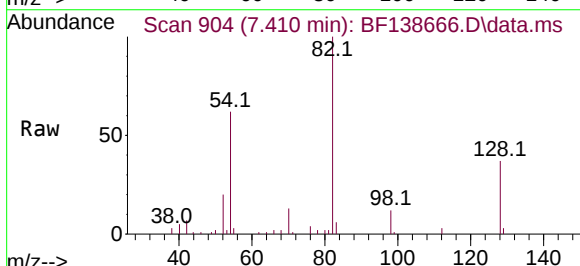
Tgt Ion: 82 Resp: 24601

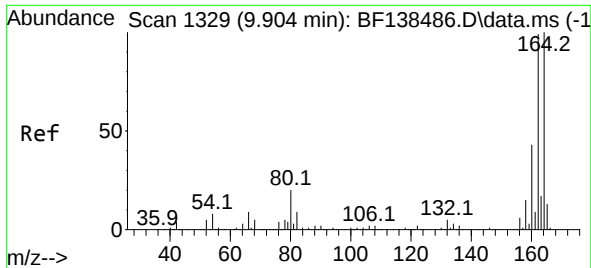
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 12.8 19.2#

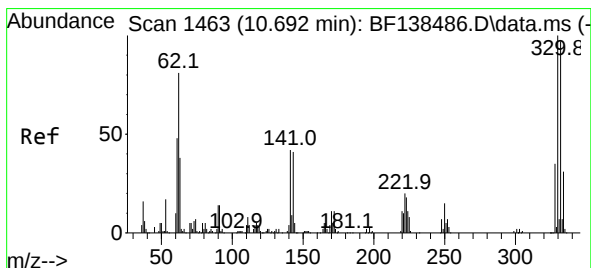
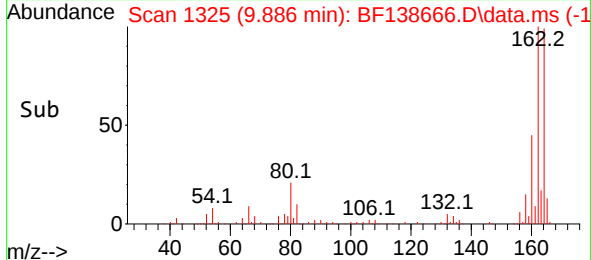
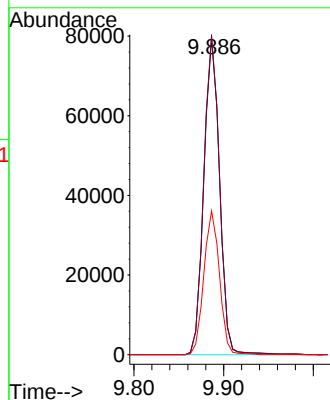
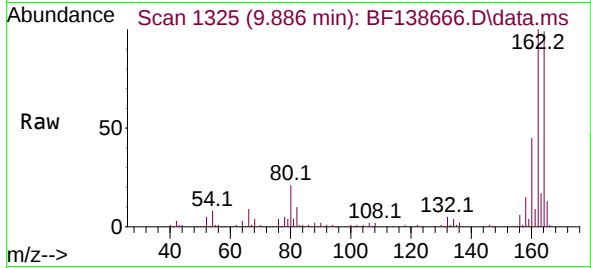




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138666.D
Acq: 25 Jul 2024 21:53

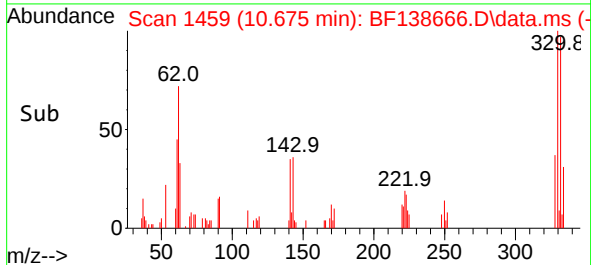
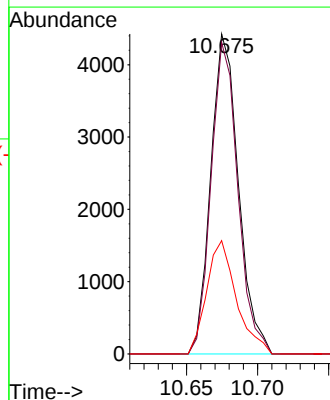
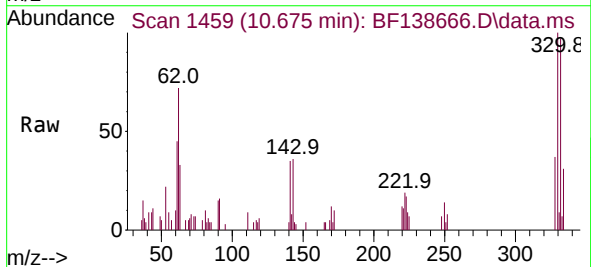
Instrument :
BNA_F
ClientSampleId :
OK-02-07242024

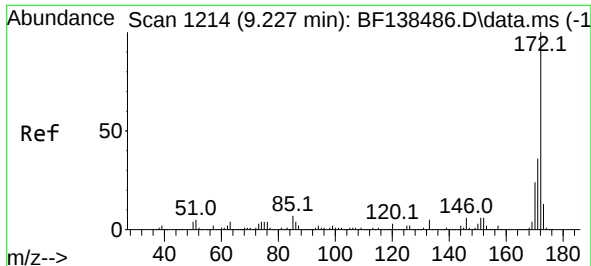
Tgt Ion:164 Resp: 96805
Ion Ratio Lower Upper
164 100
162 101.1 79.0 118.6
160 45.4 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 6.639 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.017 min
Lab File: BF138666.D
Acq: 25 Jul 2024 21:53

Tgt Ion:330 Resp: 6007
Ion Ratio Lower Upper
330 100
332 94.0 76.8 115.2
141 38.0 29.4 44.2

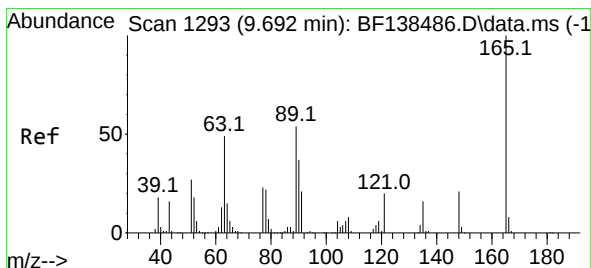
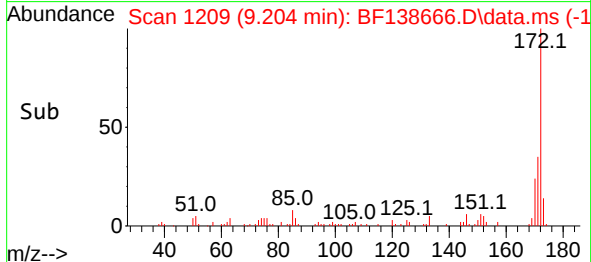
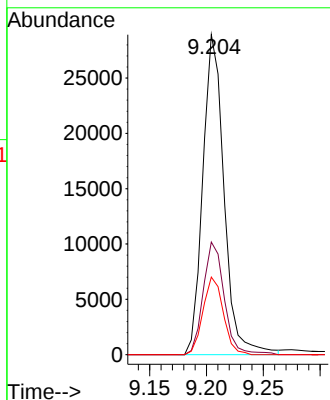
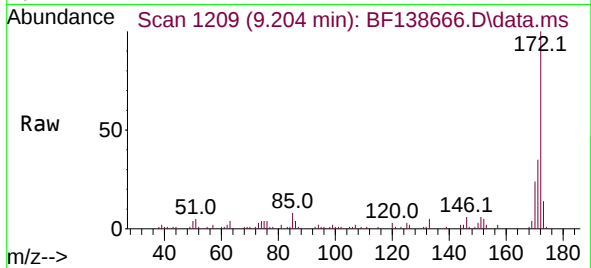




#45
2-Fluorobiphenyl
Concen: 6.079 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF138666.D
Acq: 25 Jul 2024 21:53

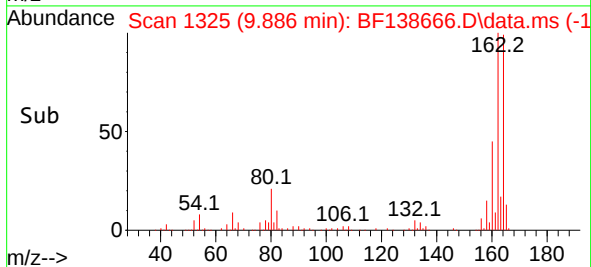
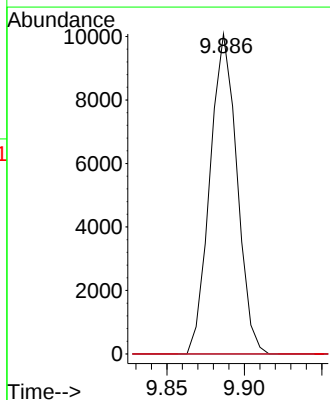
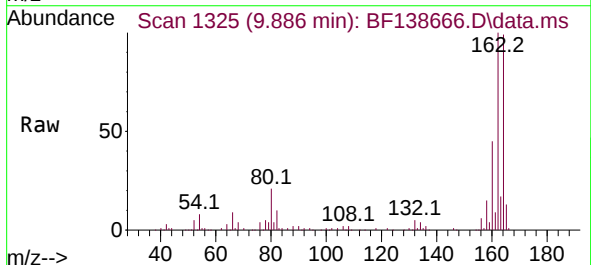
Instrument :
BNA_F
ClientSampleId :
OK-02-07242024

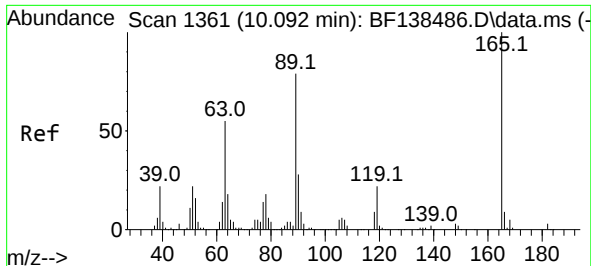
Tgt Ion:172 Resp: 37652
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 24.3 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.475 ng
RT: 9.886 min Scan# 1325
Delta R.T. 0.194 min
Lab File: BF138666.D
Acq: 25 Jul 2024 21:53

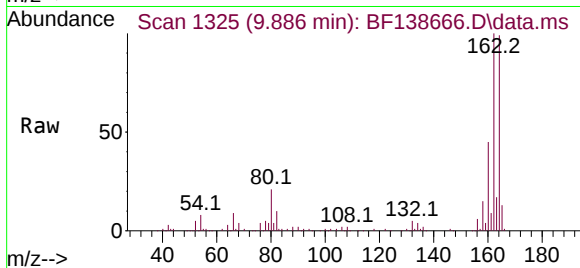
Tgt Ion:165 Resp: 12215
Ion Ratio Lower Upper
165 100
63 0.0 48.1 72.1#
89 0.0 43.0 64.6#



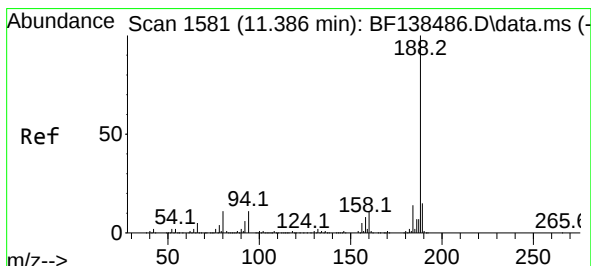
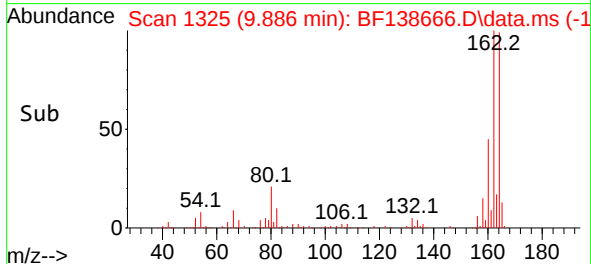
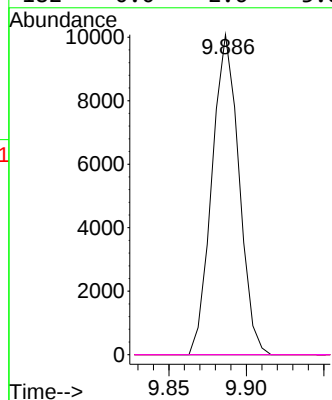


#57
2,4-Dinitrotoluene
Concen: 6.550 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF138666.D
Acq: 25 Jul 2024 21:53

Instrument :
BNA_F
ClientSampleId :
OK-02-07242024

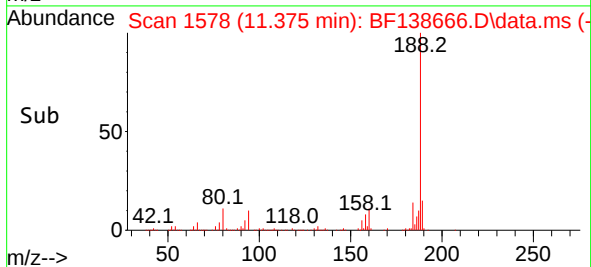
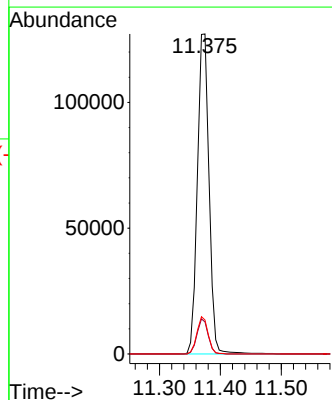
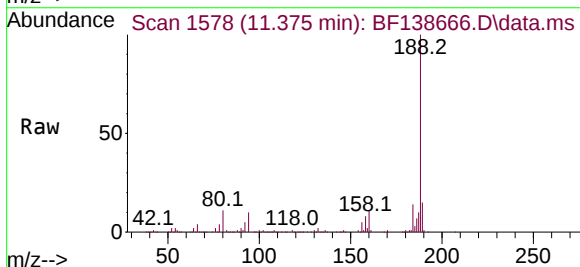


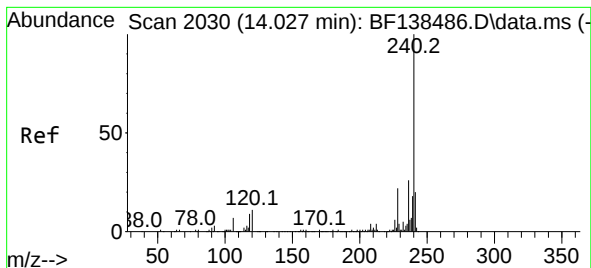
Tgt Ion:165 Resp: 12215
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 63.4 95.2#
182 0.0 2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.011 min
Lab File: BF138666.D
Acq: 25 Jul 2024 21:53

Tgt Ion:188 Resp: 169384
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 10.6 9.0 13.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2030

Delta R.T. -0.017 min

Lab File: BF138666.D

Acq: 25 Jul 2024 21:53

Instrument :

BNA_F

ClientSampleId :

OK-02-07242024

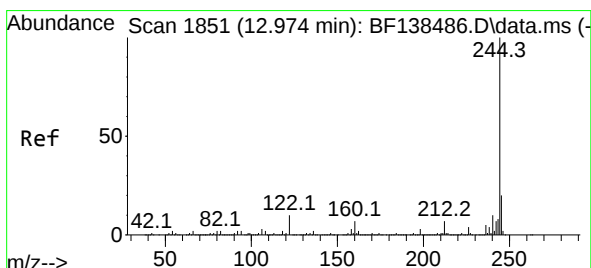
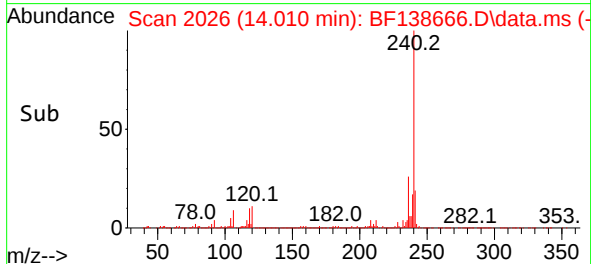
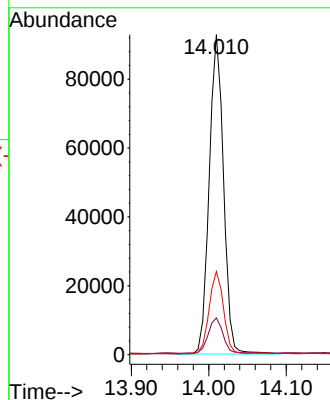
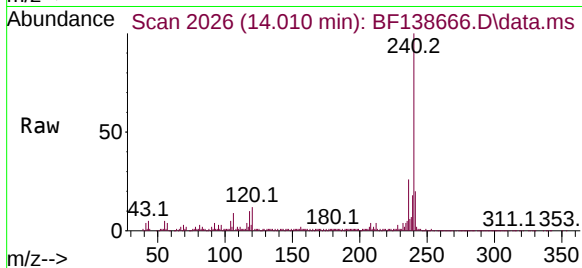
Tgt Ion:240 Resp: 118806

Ion Ratio Lower Upper

240 100

120 11.5 8.6 12.8

236 26.0 21.0 31.6



#79

Terphenyl-d14

Concen: 6.055 ng

RT: 12.951 min Scan# 1846

Delta R.T. -0.023 min

Lab File: BF138666.D

Acq: 25 Jul 2024 21:53

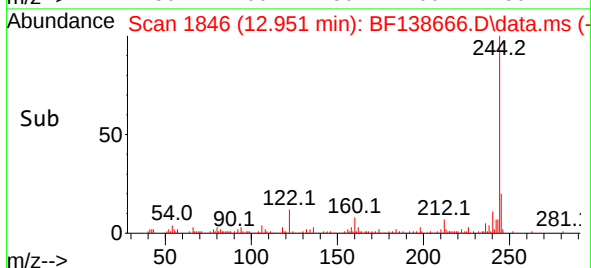
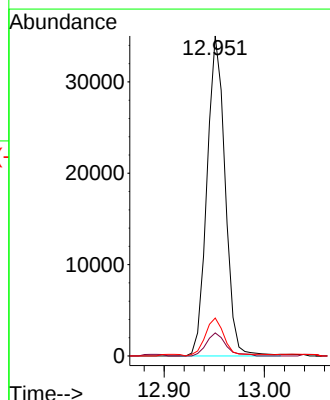
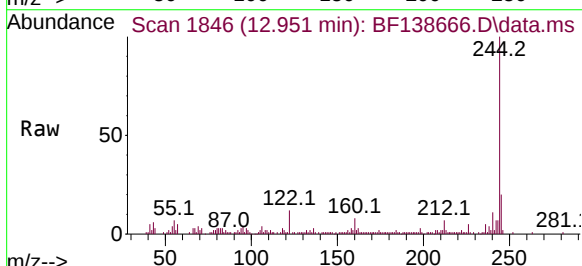
Tgt Ion:244 Resp: 44154

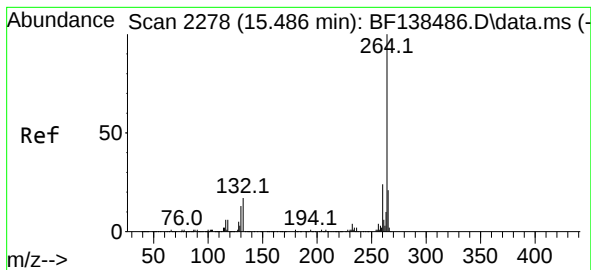
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

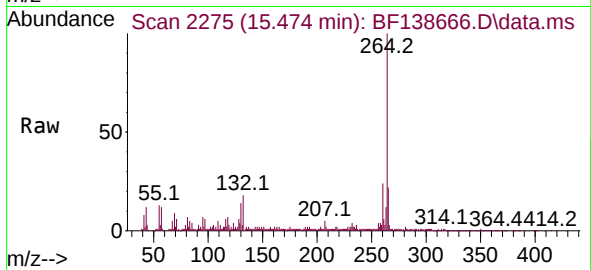
122 11.8 7.8 11.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF138666.D
Acq: 25 Jul 2024 21:53

Instrument :
BNA_F
ClientSampleId :
OK-02-07242024



Tgt Ion: 264 Resp: 91351

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	21.6	17.0	25.4

