

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138460.D
 Acq On : 03 Jul 2024 22:03
 Operator : CG\JU
 Sample : P3149-01 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-070224

Quant Time: Jul 04 01:02:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

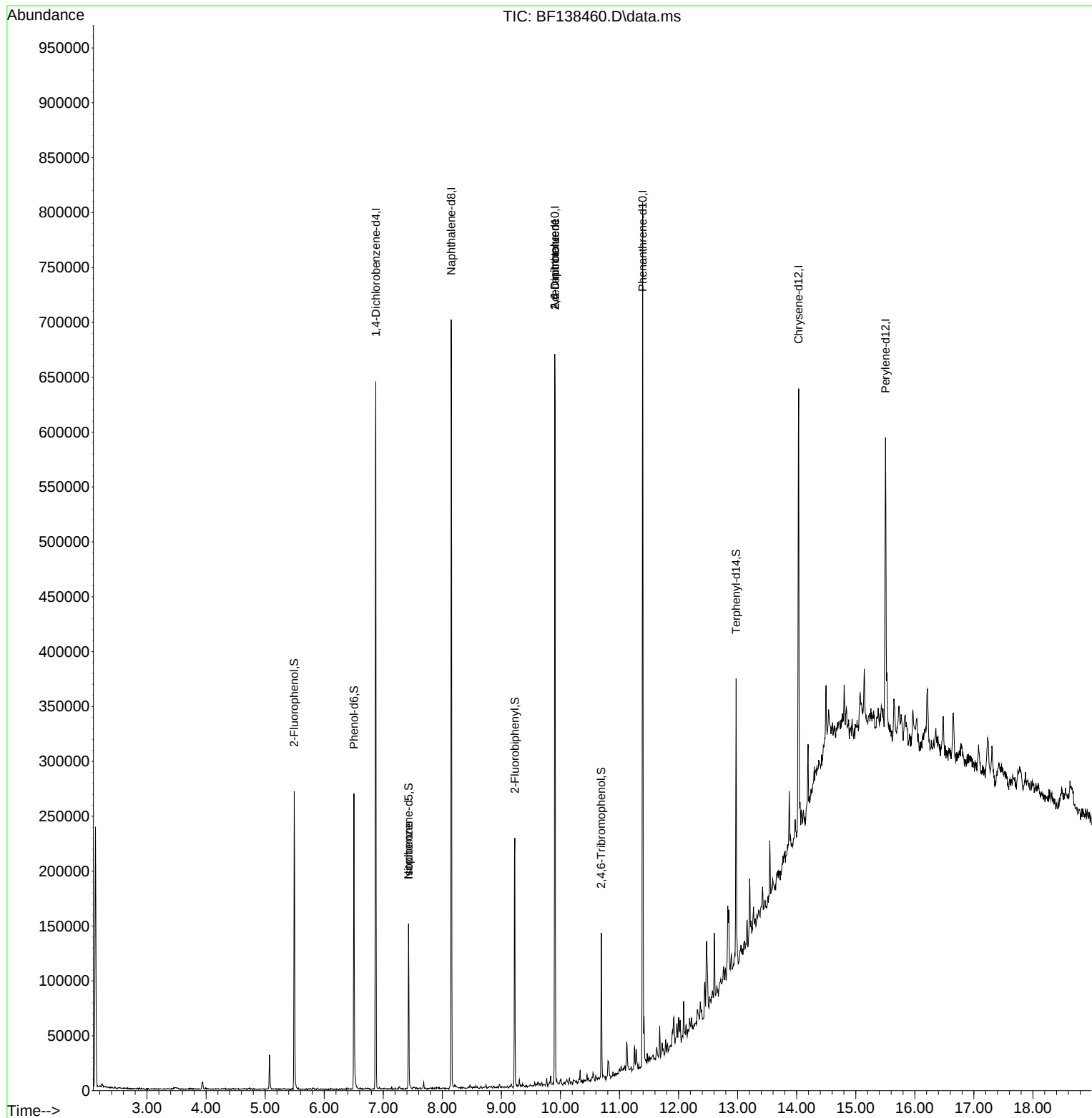
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	87937	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	276039	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	134084	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	259921	20.000	ng	0.00
76) Chrysene-d12	14.033	240	131450	20.000	ng	# 0.00
86) Perylene-d12	15.503	264	123329	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	61305	11.558	ng	0.00
7) Phenol-d6	6.504	99	72128	10.095	ng	-0.01
23) Nitrobenzene-d5	7.428	82	38583	7.261	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	12227	11.161	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	66153	7.852	ng	0.00
79) Terphenyl-d14	12.974	244	77831	8.114	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.428	82	38582	3.938	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	16972	8.794	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	16972	7.142	ng	# 20

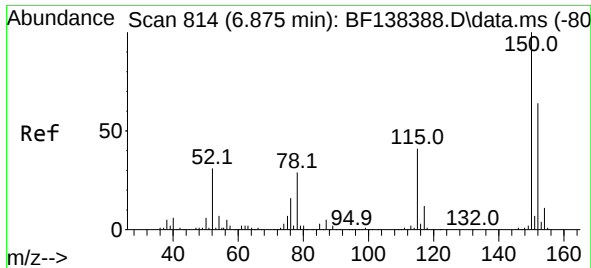
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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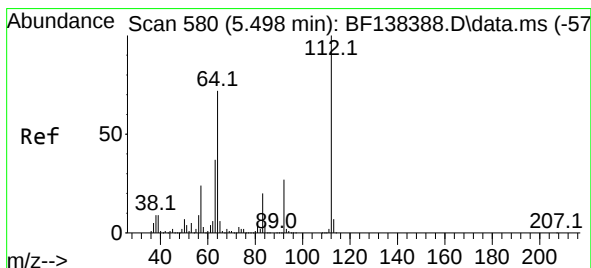
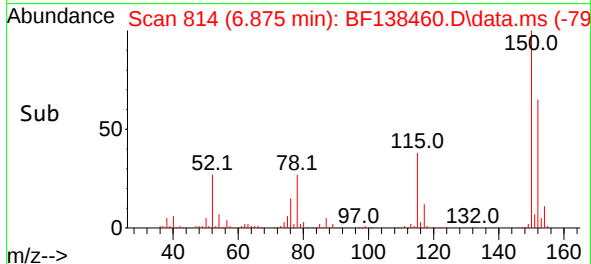
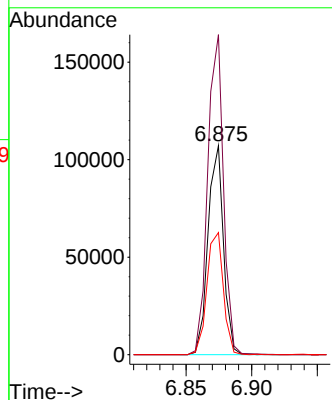
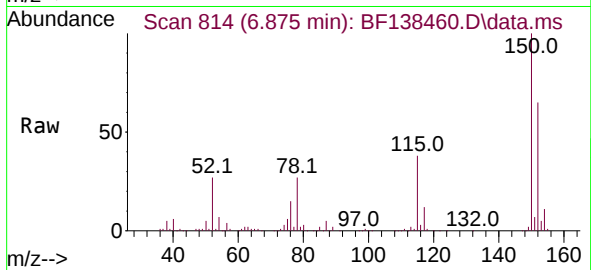




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138460.D
Acq: 03 Jul 2024 22:03

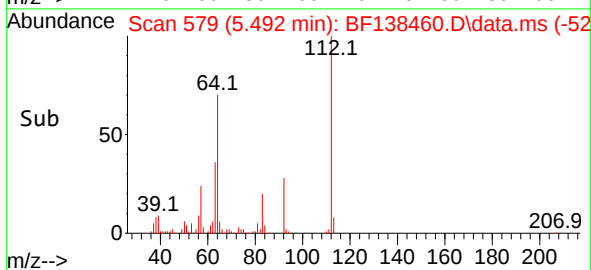
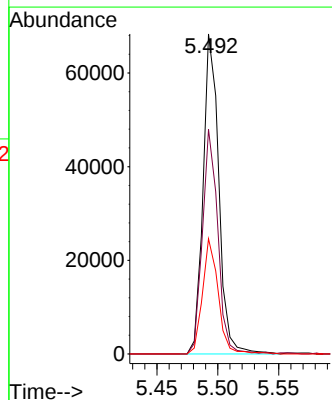
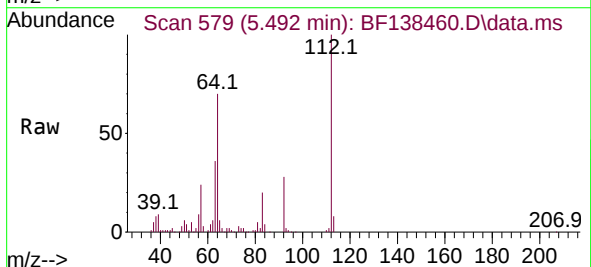
Instrument :
BNA_F
ClientSampleId :
OK-01-070224

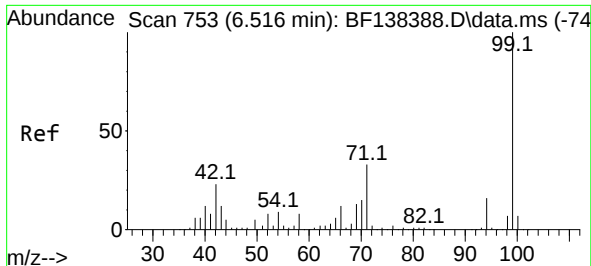
Tgt Ion:152 Resp: 87937
Ion Ratio Lower Upper
152 100
150 153.2 124.9 187.3
115 58.4 50.8 76.2



#5
2-Fluorophenol
Concen: 11.558 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF138460.D
Acq: 03 Jul 2024 22:03

Tgt Ion:112 Resp: 61305
Ion Ratio Lower Upper
112 100
64 70.2 57.2 85.8
63 36.0 29.4 44.0

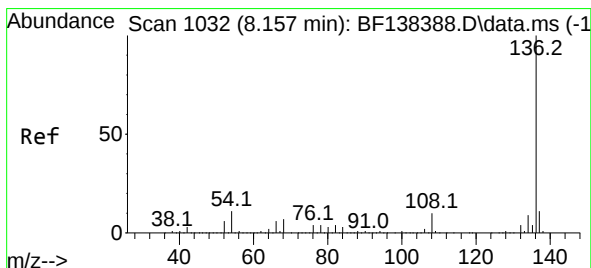
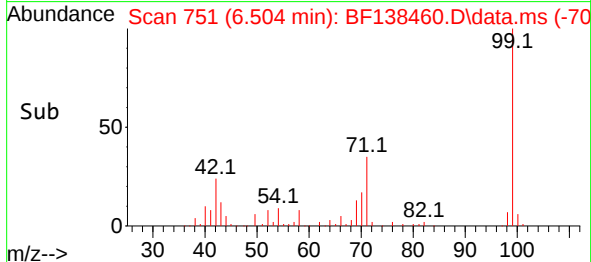
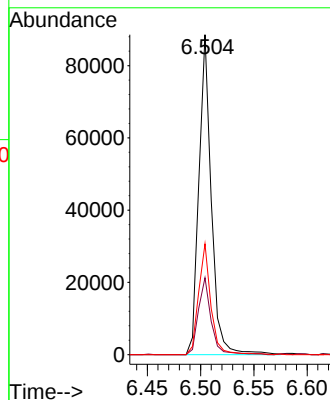
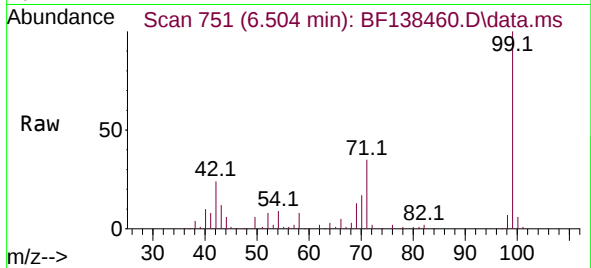




#7
Phenol-d6
Concen: 10.095 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138460.D
Acq: 03 Jul 2024 22:03

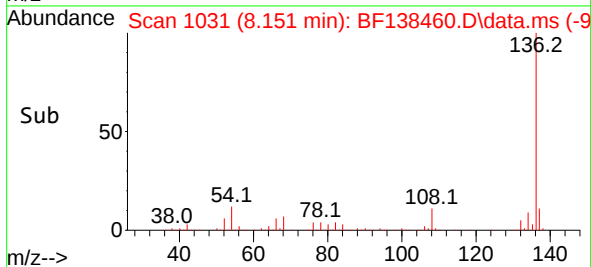
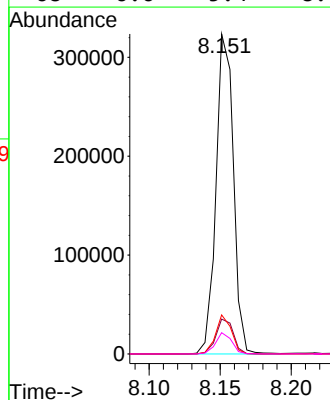
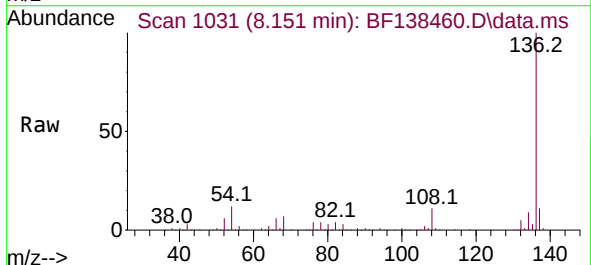
Instrument :
BNA_F
ClientSampleId :
OK-01-070224

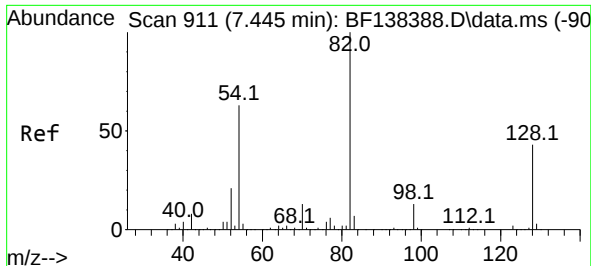
Tgt Ion: 99 Resp: 72128
Ion Ratio Lower Upper
99 100
42 24.1 18.5 27.7
71 34.7 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138460.D
Acq: 03 Jul 2024 22:03

Tgt Ion: 136 Resp: 276039
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 12.2 9.0 13.4
68 6.6 5.4 8.0





#23

Nitrobenzene-d5

Concen: 7.261 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.018 min

Lab File: BF138460.D

Acq: 03 Jul 2024 22:03

Instrument :

BNA_F

ClientSampleId :

OK-01-070224

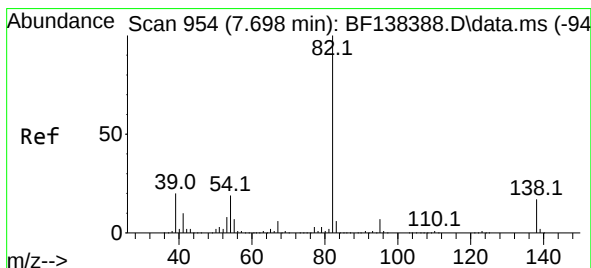
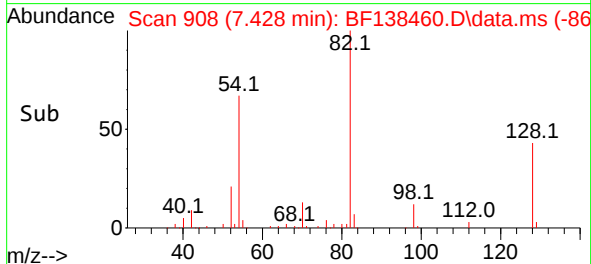
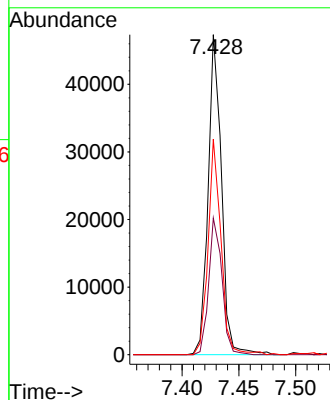
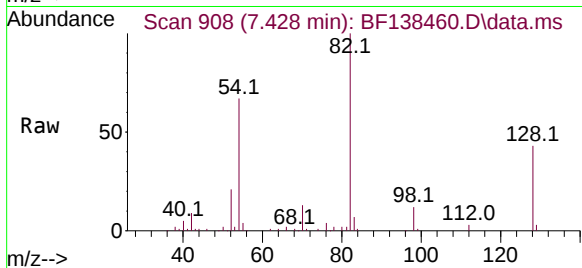
Tgt Ion: 82 Resp: 38583

Ion Ratio Lower Upper

82 100

128 42.7 34.6 52.0

54 67.4 50.5 75.7



#25

Isophorone

Concen: 3.938 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.271 min

Lab File: BF138460.D

Acq: 03 Jul 2024 22:03

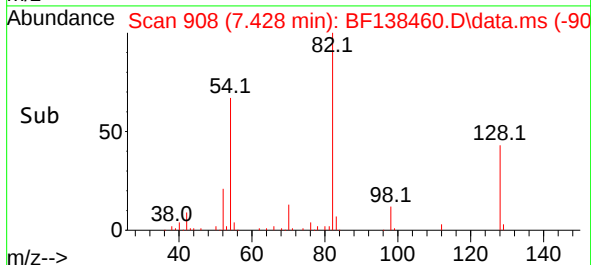
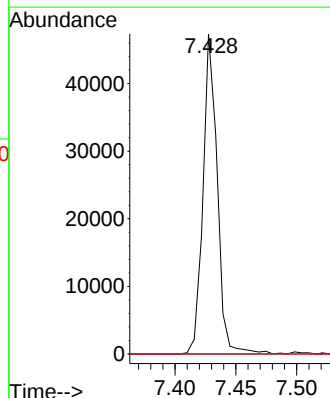
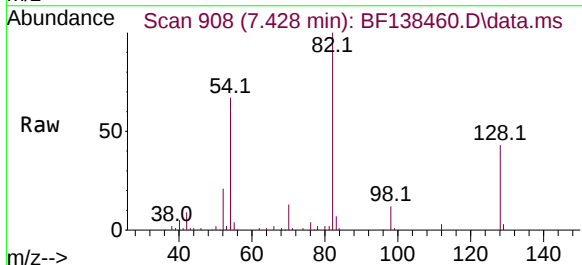
Tgt Ion: 82 Resp: 38582

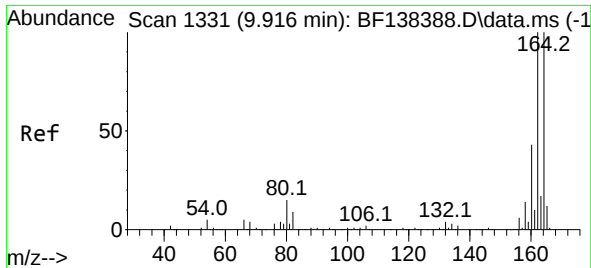
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.4 20.2#

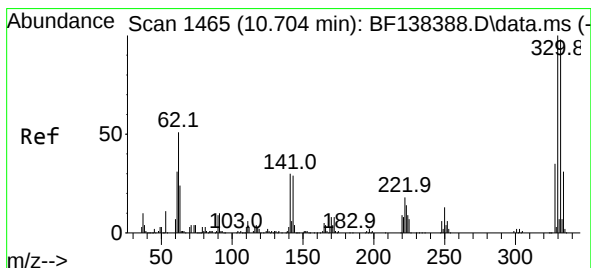
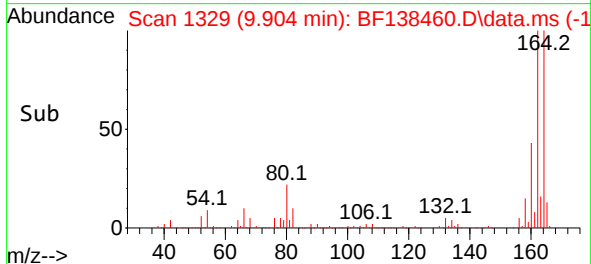
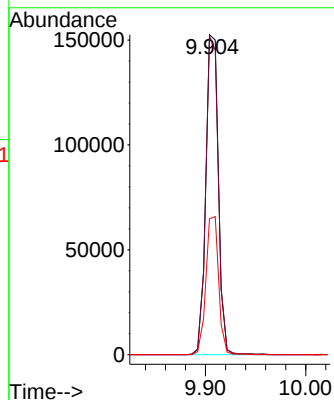
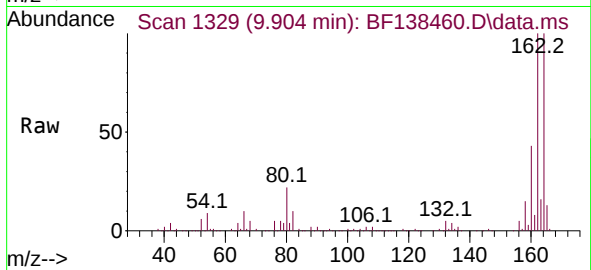




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138460.D
Acq: 03 Jul 2024 22:03

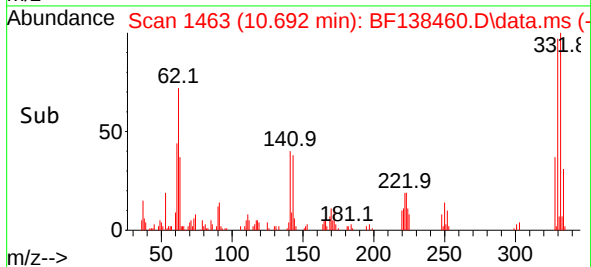
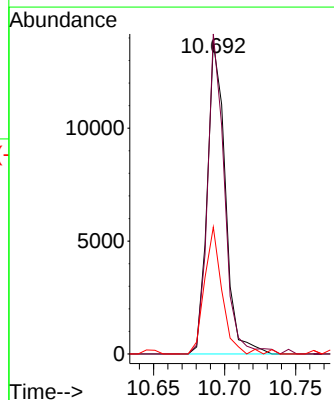
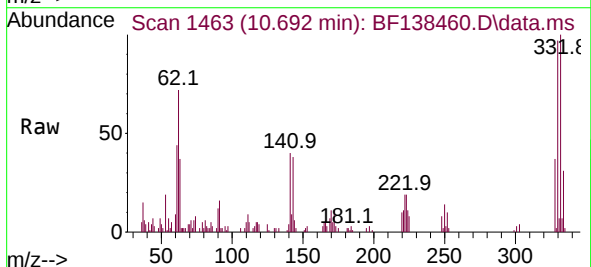
Instrument :
BNA_F
ClientSampleId :
OK-01-070224

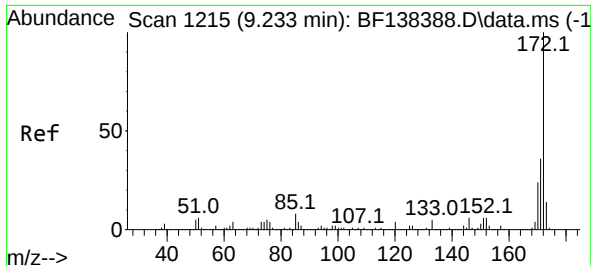
Tgt Ion:164 Resp: 134084
Ion Ratio Lower Upper
164 100
162 99.5 80.1 120.1
160 42.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 11.161 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF138460.D
Acq: 03 Jul 2024 22:03

Tgt Ion:330 Resp: 12227
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 39.8 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 7.852 ng

RT: 9.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138460.D

Acq: 03 Jul 2024 22:03

Instrument :

BNA_F

ClientSampleId :

OK-01-070224

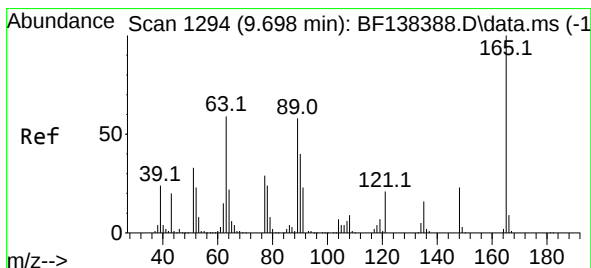
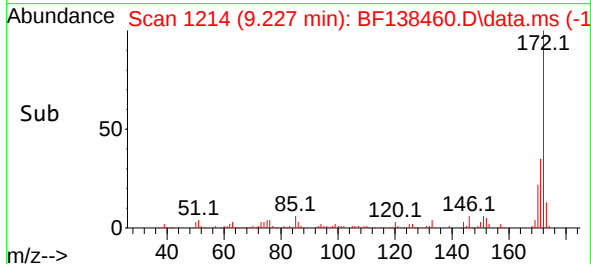
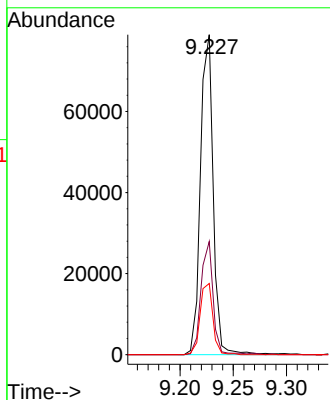
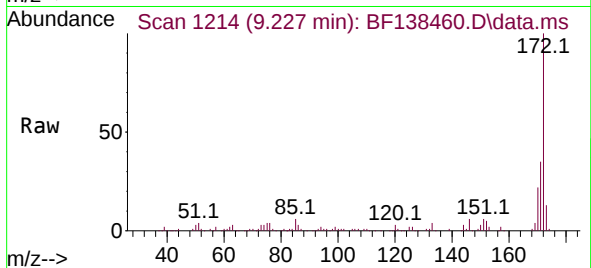
Tgt Ion:172 Resp: 66153

Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

170 22.2 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.794 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF138460.D

Acq: 03 Jul 2024 22:03

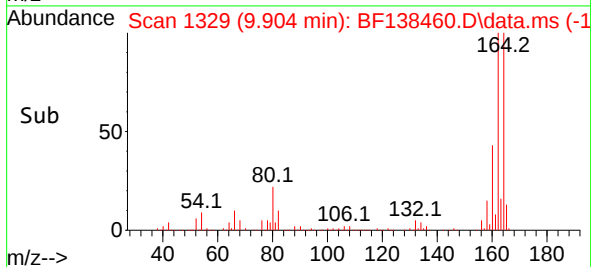
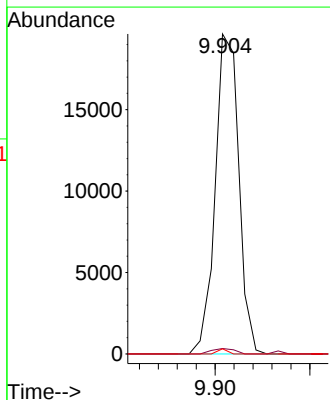
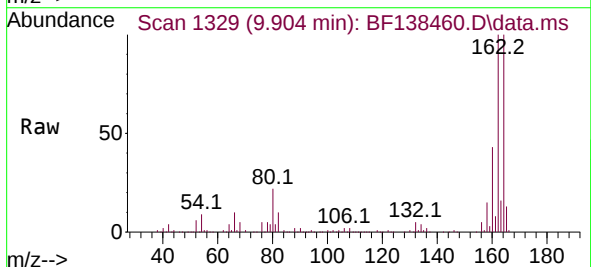
Tgt Ion:165 Resp: 16972

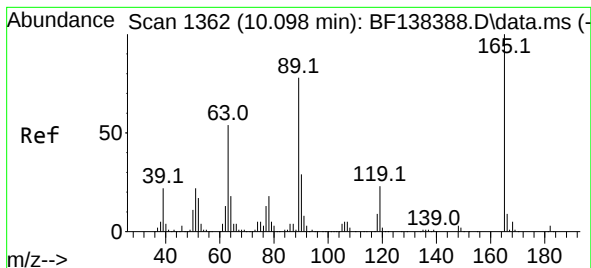
Ion Ratio Lower Upper

165 100

63 1.7 53.8 80.8#

89 1.6 46.4 69.6#

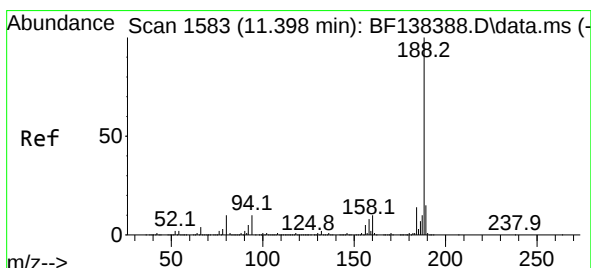
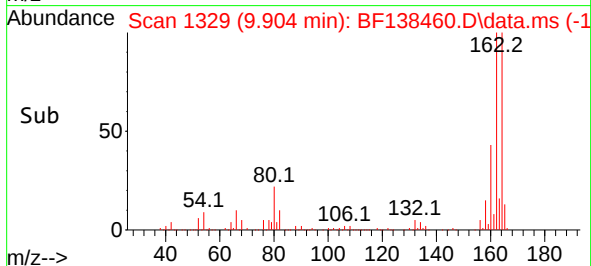
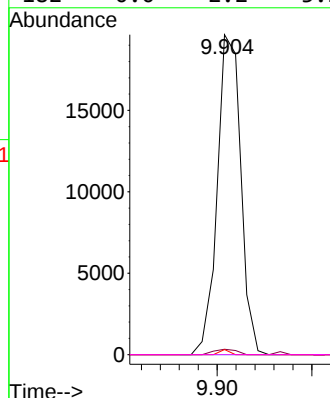
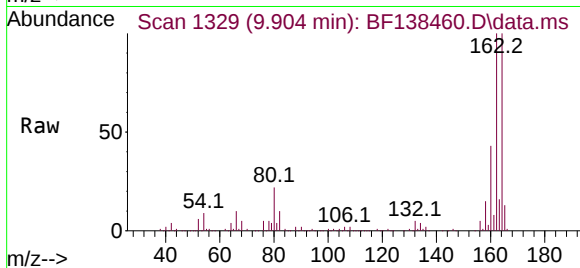




#57
2,4-Dinitrotoluene
Concen: 7.142 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138460.D
Acq: 03 Jul 2024 22:03

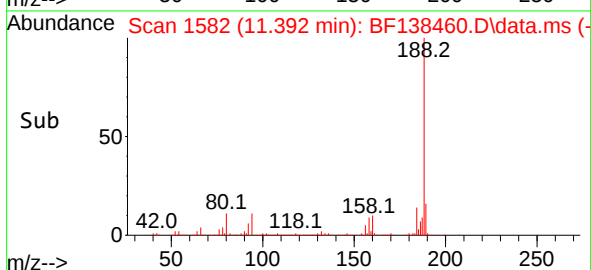
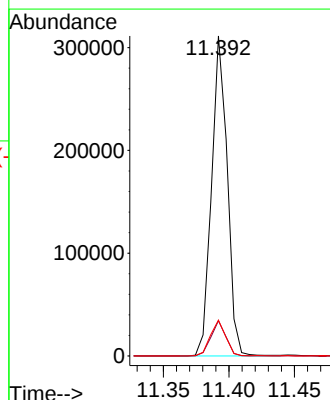
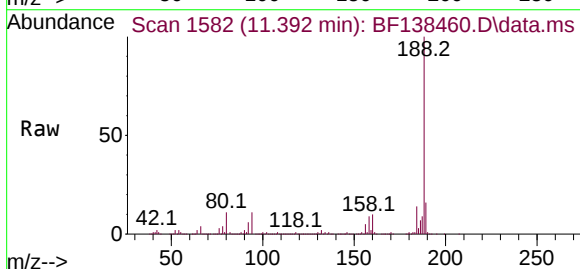
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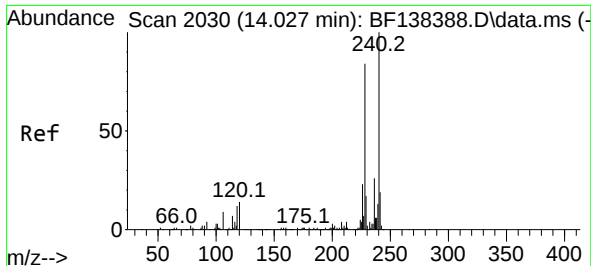
Tgt Ion:165 Resp: 16972
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.2#
89 1.6 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138460.D
Acq: 03 Jul 2024 22:03

Tgt Ion:188 Resp: 259921
Ion Ratio Lower Upper
188 100
94 11.0 8.0 12.0
80 11.2 8.2 12.4

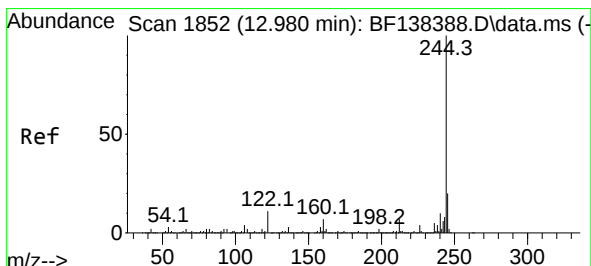
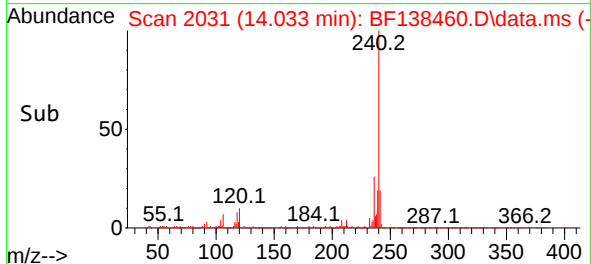
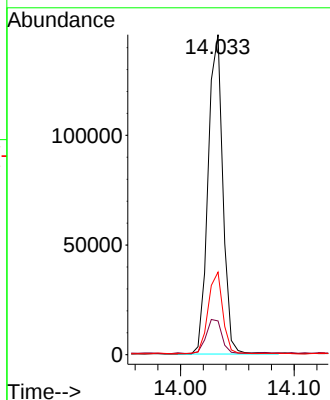
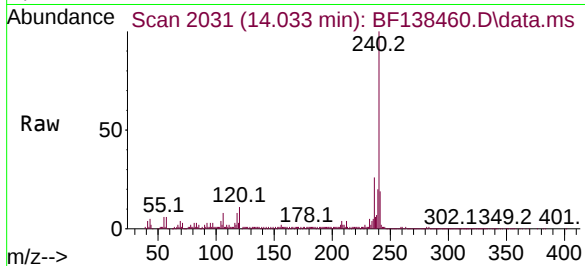




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF138460.D
Acq: 03 Jul 2024 22:03

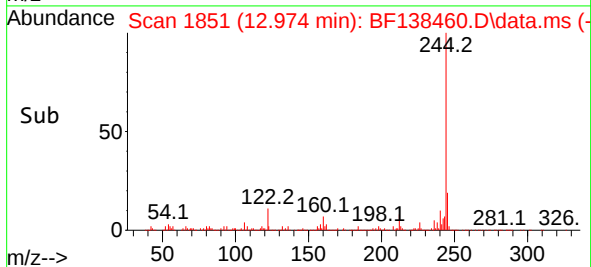
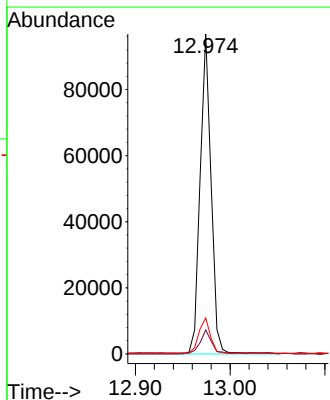
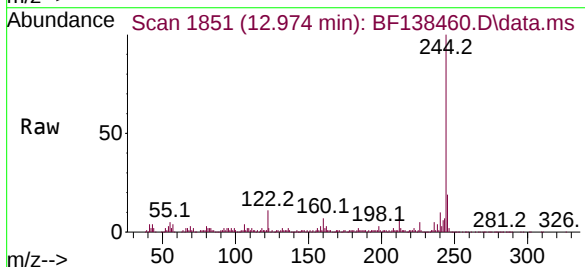
Instrument :
BNA_F
ClientSampleId :
OK-01-070224

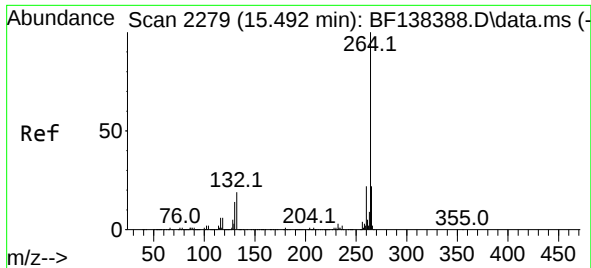
Tgt Ion:240 Resp: 131450
Ion Ratio Lower Upper
240 100
120 10.6 10.9 16.3#
236 25.8 20.6 30.8



#79
Terphenyl-d14
Concen: 8.114 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF138460.D
Acq: 03 Jul 2024 22:03

Tgt Ion:244 Resp: 77831
Ion Ratio Lower Upper
244 100
212 7.5 5.6 8.4
122 11.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.503 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF138460.D
 Acq: 03 Jul 2024 22:03

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-070224

Tgt Ion:264 Resp: 123329
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.8 26.6
 265 23.3 17.5 26.3

