

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138272.D
 Acq On : 20 Jun 2024 20:13
 Operator : CG\JU
 Sample : P2976-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-K-COMP

Quant Time: Jun 21 01:20:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

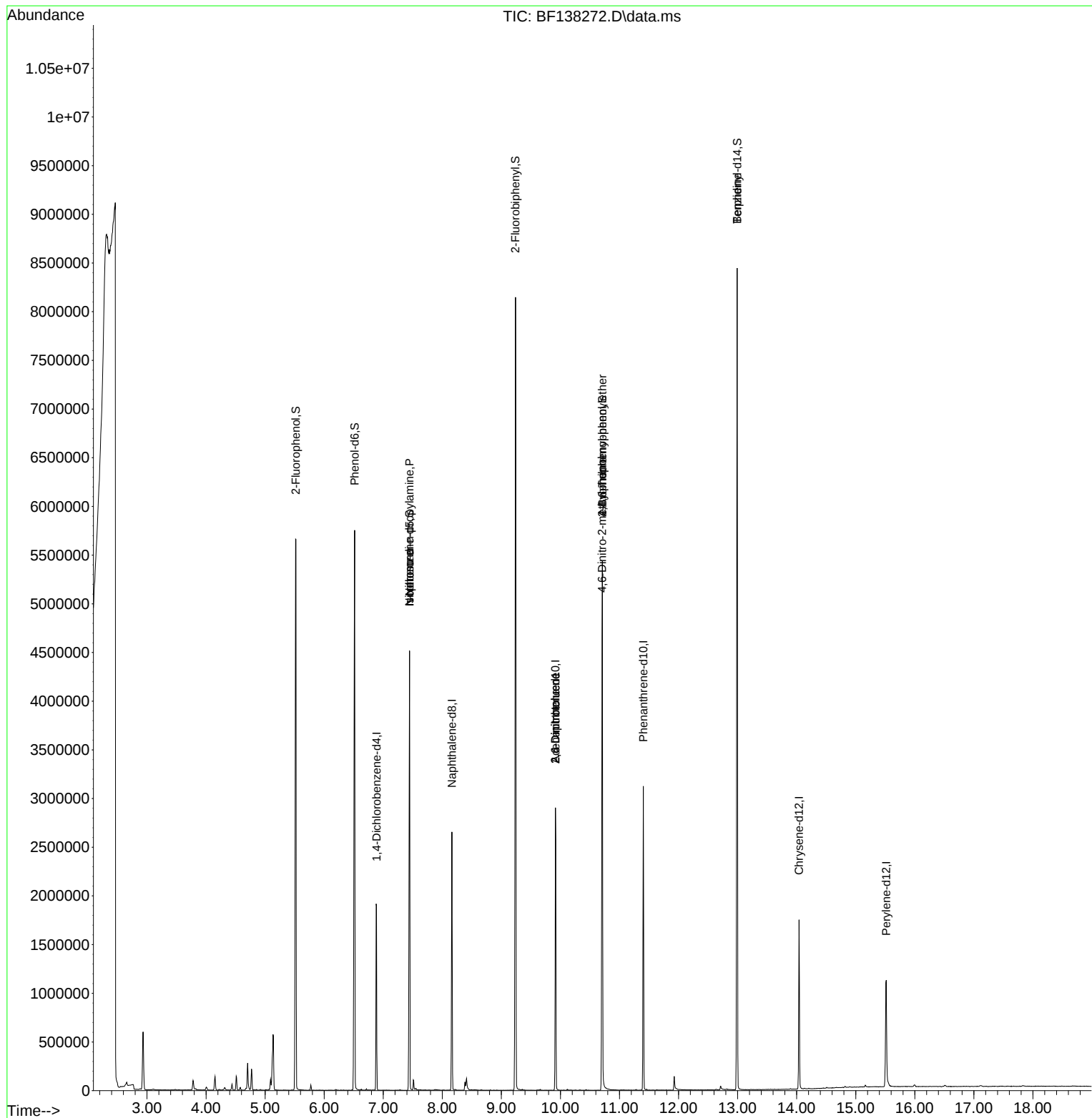
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	295554	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1139335	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	626756	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1041282	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	555117	20.000	ng	-0.01
86) Perylene-d12	15.515	264	590356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1891720	107.071	ng	0.01
7) Phenol-d6	6.516	99	2240013	99.984	ng	0.00
23) Nitrobenzene-d5	7.445	82	1453047	74.246	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	764806	122.575	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2809843	71.289	ng	-0.01
79) Terphenyl-d14	12.992	244	3067616	87.524	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	195347	14.710	ng	# 77
25) Isophorone	7.445	82	1450107	40.964	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	81331	9.763	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	81331	7.915	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	1718	7.211	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	50351	4.291	ng	# 1
77) Benzidine	12.992	184	38497	5.996	ng	# 93

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

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ALS Vial : 15 Sample Multiplier: 1

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BNA_F
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Quant Time: Jun 21 01:20:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

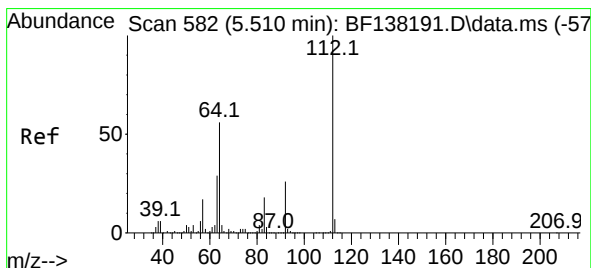
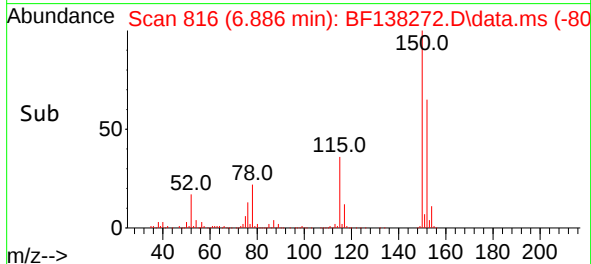
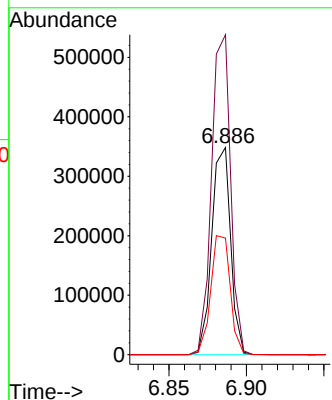
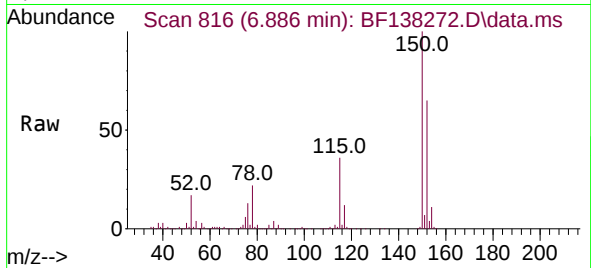




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 817
Delta R.T. -0.007 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

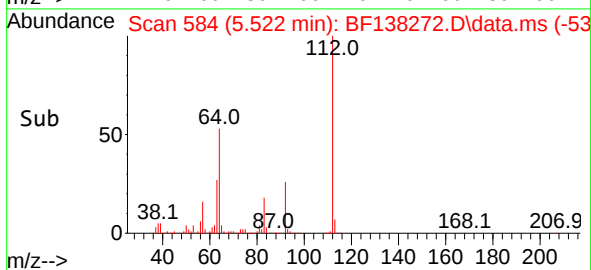
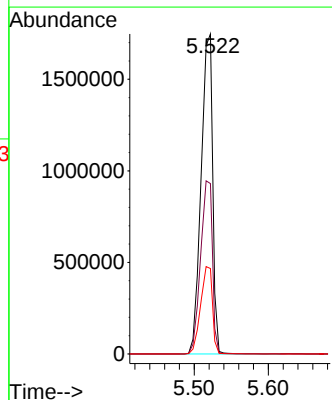
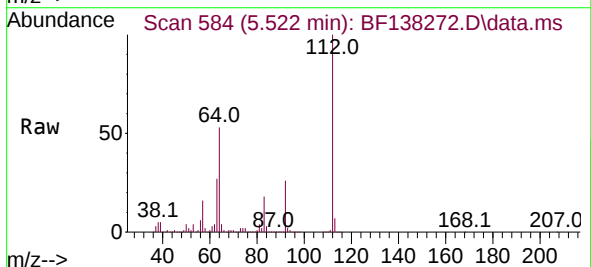
Instrument :
BNA_F
ClientSampleId :
MH-K-COMP

Tgt Ion:152 Resp: 295554
Ion Ratio Lower Upper
152 100
150 154.4 125.0 187.4
115 56.3 48.4 72.6



#5
2-Fluorophenol
Concen: 107.071 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

Tgt Ion:112 Resp: 1891720
Ion Ratio Lower Upper
112 100
64 53.3 45.2 67.8
63 26.7 22.9 34.3





#7

Phenol-d6

Concen: 99.984 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138272.D

Acq: 20 Jun 2024 20:13

Instrument :

BNA_F

ClientSampleId :

MH-K-COMP

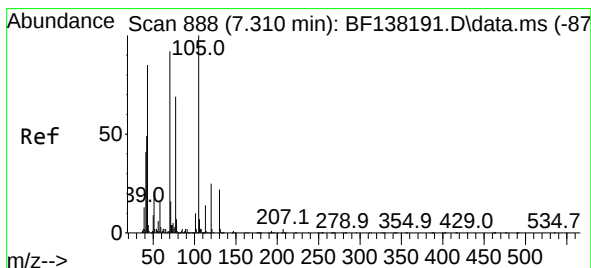
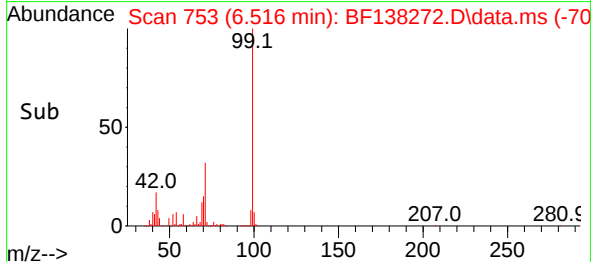
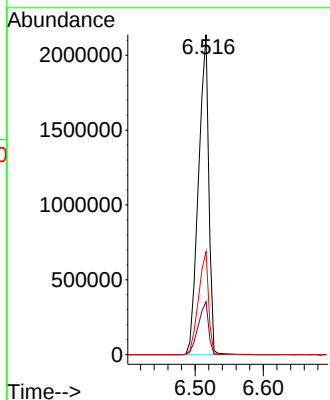
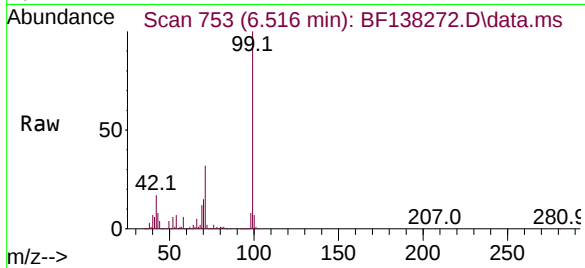
Tgt Ion: 99 Resp: 2240013

Ion Ratio Lower Upper

99 100

42 16.5 13.7 20.5

71 32.2 25.0 37.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.710 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.135 min

Lab File: BF138272.D

Acq: 20 Jun 2024 20:13

Tgt Ion: 70 Resp: 195347

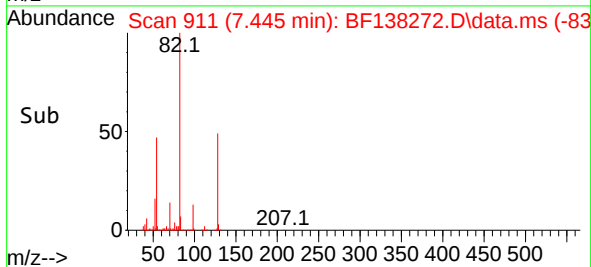
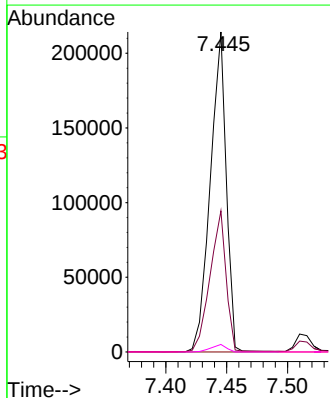
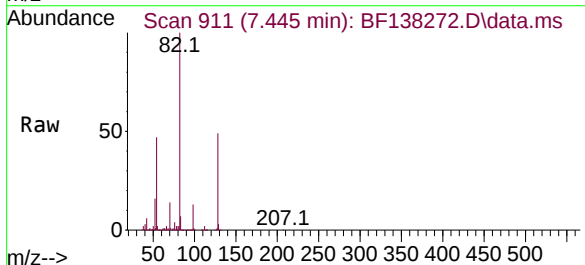
Ion Ratio Lower Upper

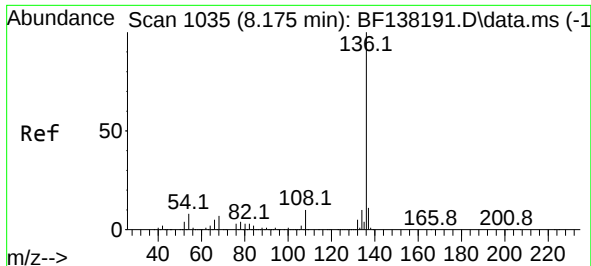
70 100

42 44.1 42.8 64.2

101 0.0 8.4 12.6#

130 2.3 19.3 28.9#

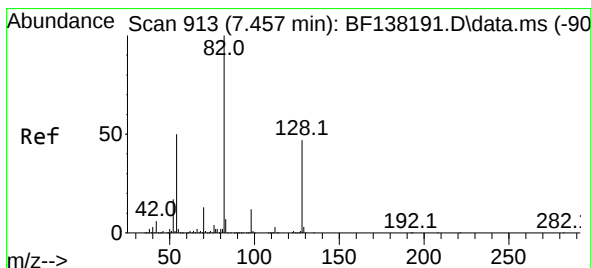
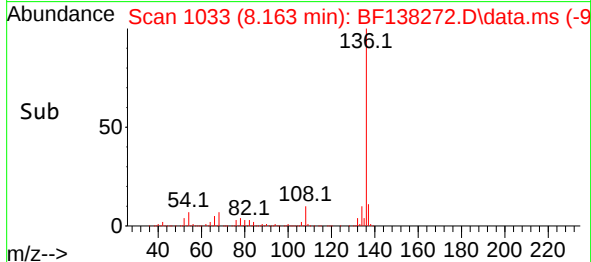
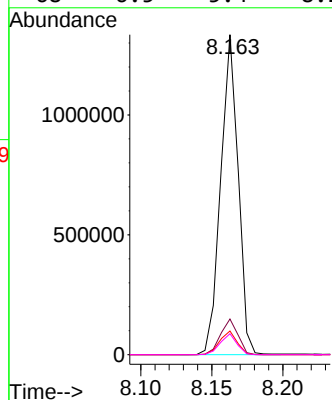
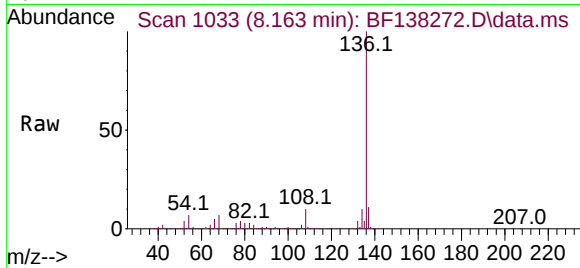




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

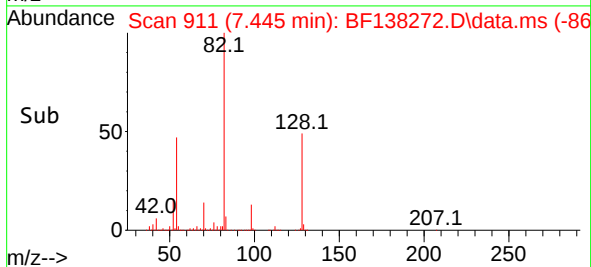
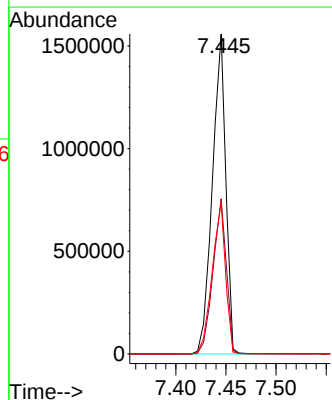
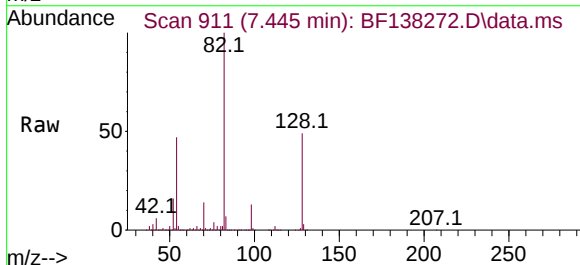
Instrument :
BNA_F
ClientSampleId :
MH-K-COMP

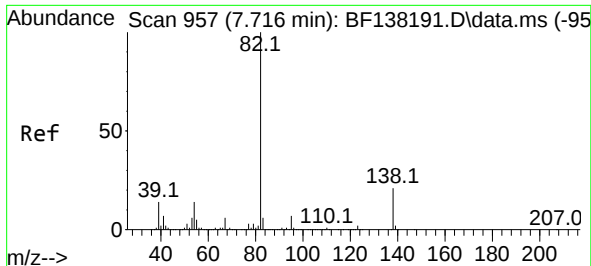
Tgt Ion:136 Resp: 1139335
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.4 6.6 10.0
68 6.5 5.4 8.2



#23
Nitrobenzene-d5
Concen: 74.246 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

Tgt Ion: 82 Resp: 1453047
Ion Ratio Lower Upper
82 100
128 48.5 37.2 55.8
54 47.2 39.8 59.6

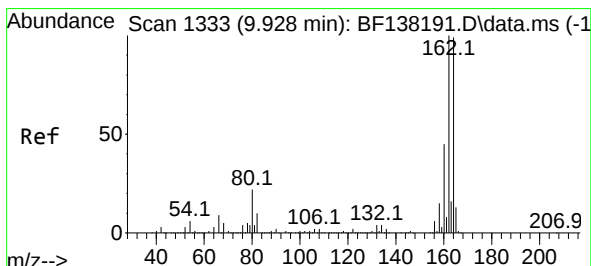
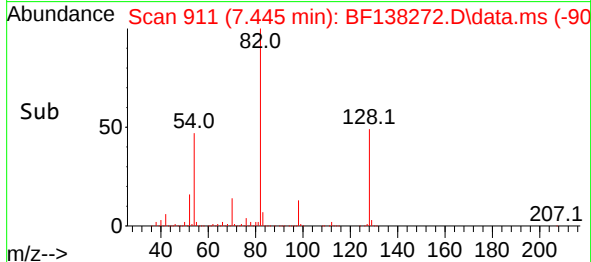
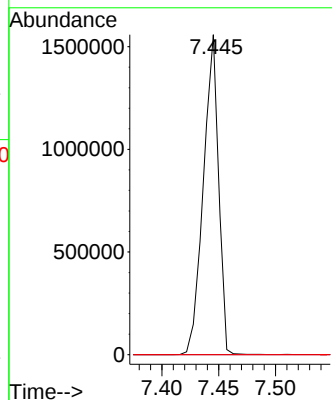
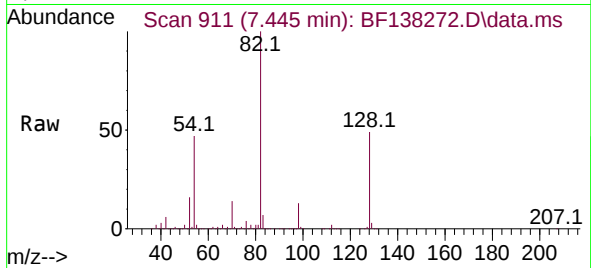




#25
Isophorone
Concen: 40.964 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.271 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

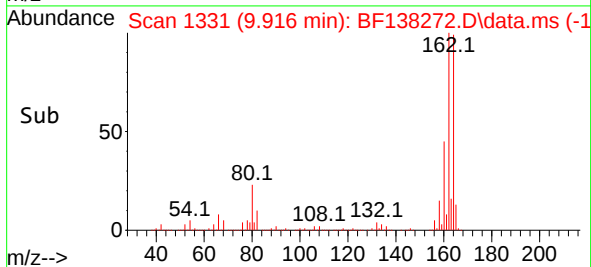
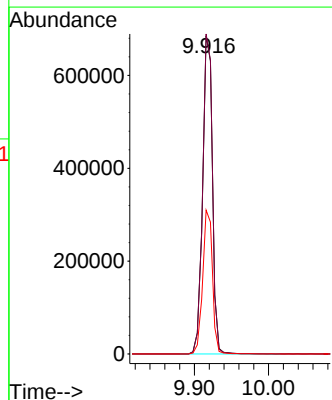
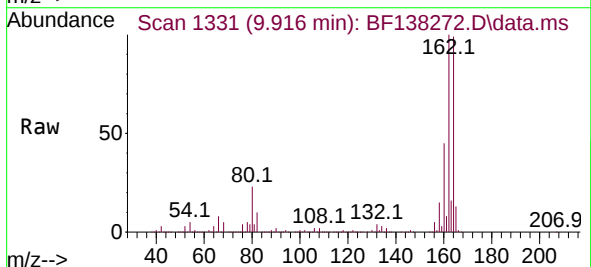
Instrument :
BNA_F
ClientSampleId :
MH-K-COMP

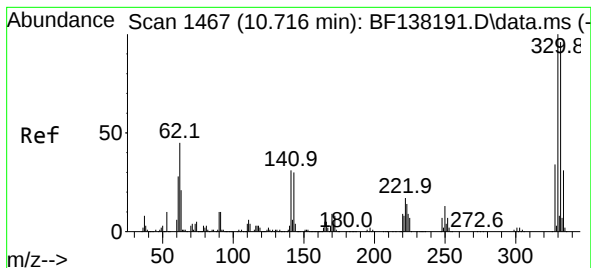
Tgt Ion: 82 Resp: 1450107
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

Tgt Ion: 164 Resp: 626756
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 45.2 36.3 54.5

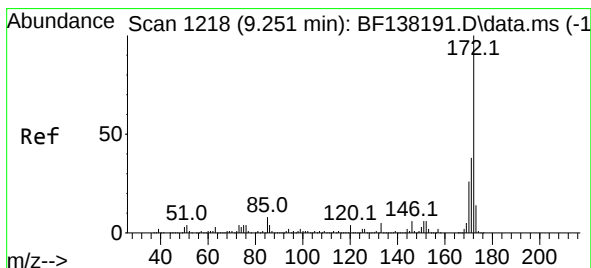
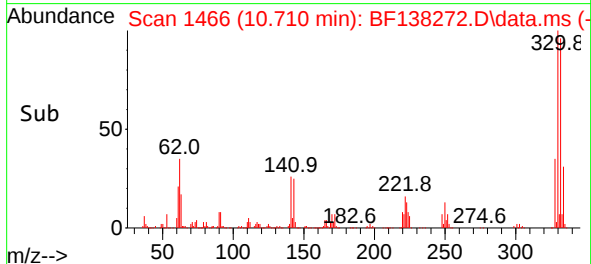
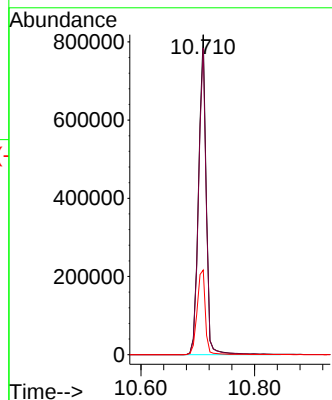
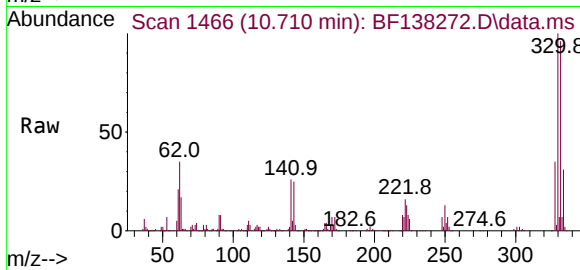




#42
2,4,6-Tribromophenol
Concen: 122.575 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

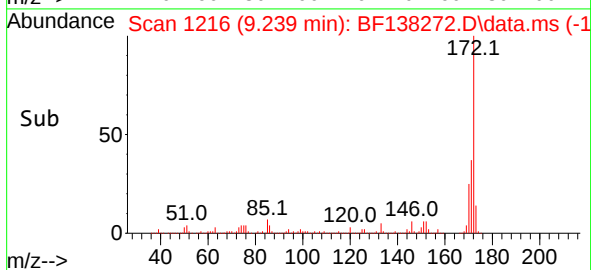
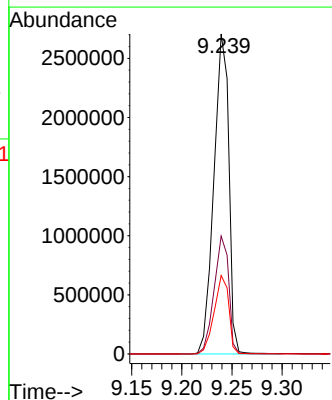
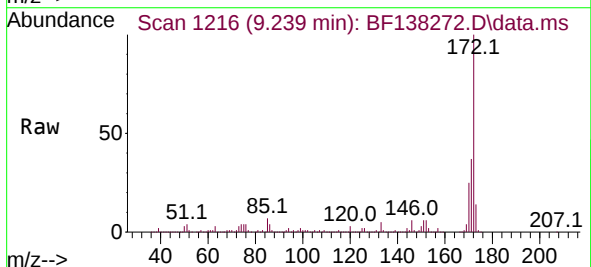
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MH-K-COMP

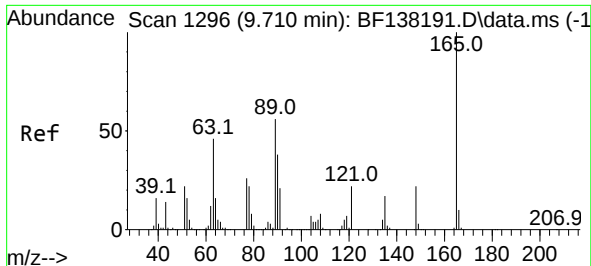
Tgt Ion: 330 Resp: 764806
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 28.9 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 71.289 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

Tgt Ion: 172 Resp: 2809843
Ion Ratio Lower Upper
172 100
171 36.8 30.3 45.5
170 24.5 20.6 30.8

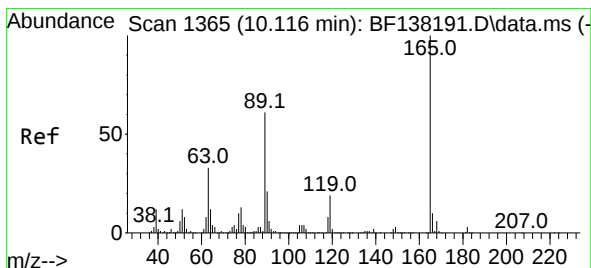
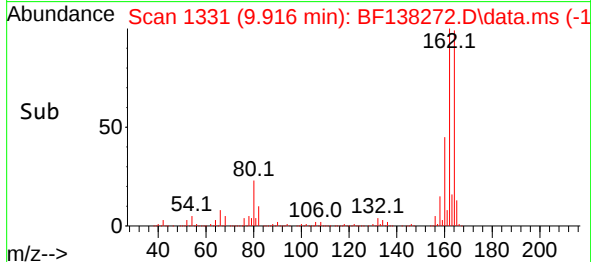
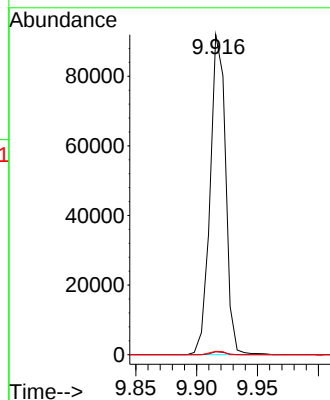
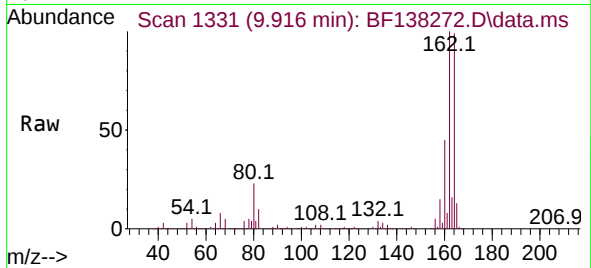




#51
2,6-Dinitrotoluene
Concen: 9.763 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

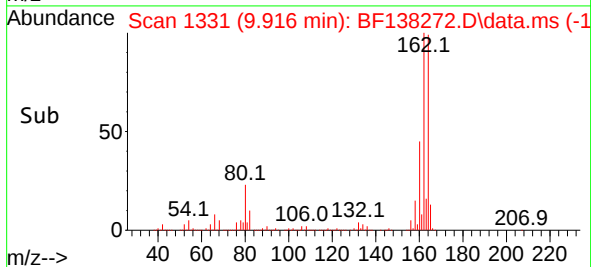
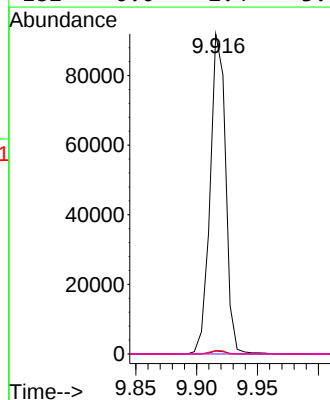
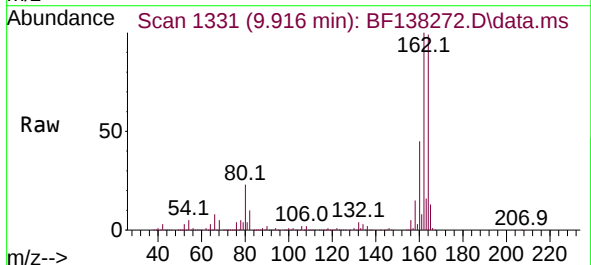
Instrument :
BNA_F
ClientSampleId :
MH-K-COMP

Tgt Ion:165 Resp: 81331
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.915 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

Tgt Ion:165 Resp: 81331
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 1.0 48.7 73.1#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138272.D

Acq: 20 Jun 2024 20:13

Instrument :

BNA_F

ClientSampleId :

MH-K-COMP

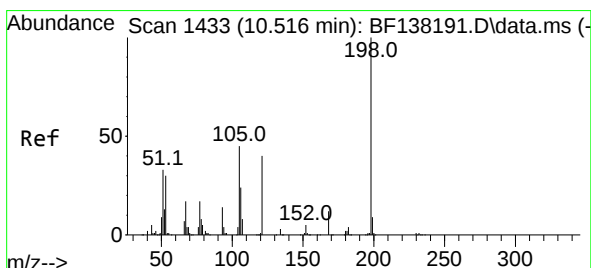
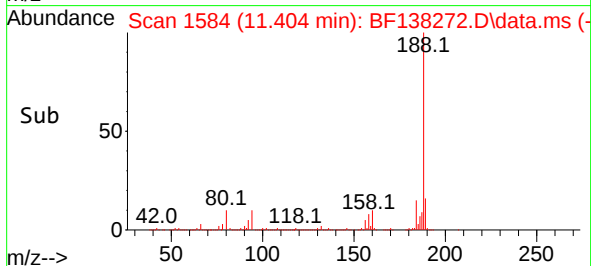
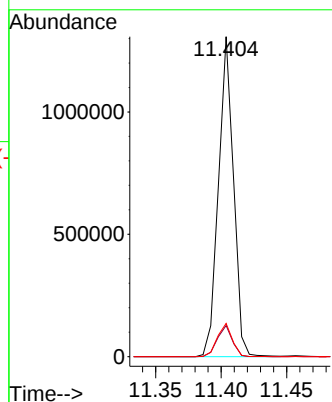
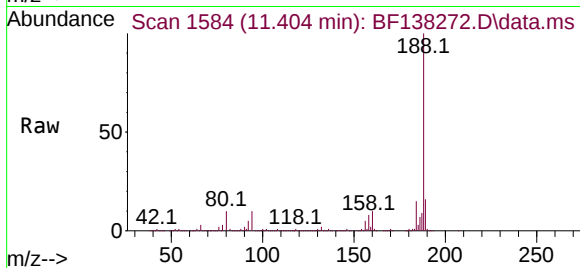
Tgt Ion:188 Resp: 1041282

Ion Ratio Lower Upper

188 100

94 9.8 7.6 11.4

80 10.4 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.211 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138272.D

Acq: 20 Jun 2024 20:13

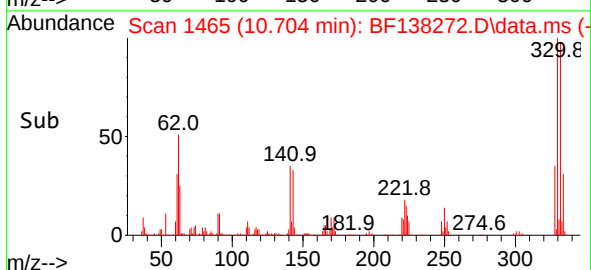
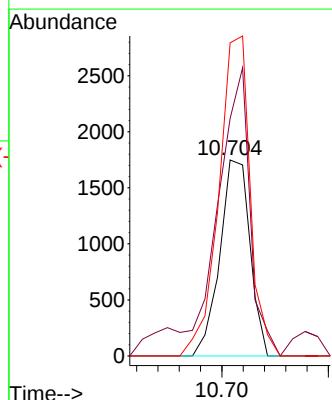
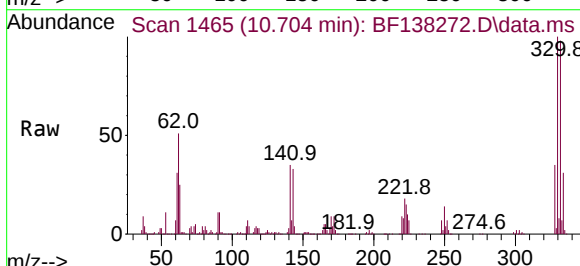
Tgt Ion:198 Resp: 1718

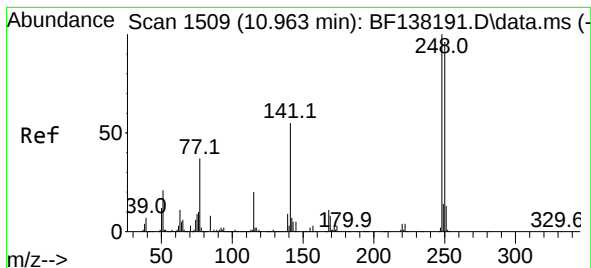
Ion Ratio Lower Upper

198 100

51 121.1 26.9 66.9#

105 159.7 26.0 66.0#

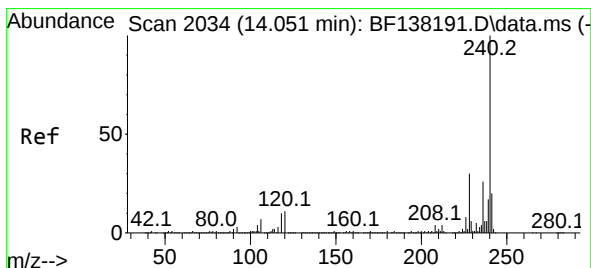
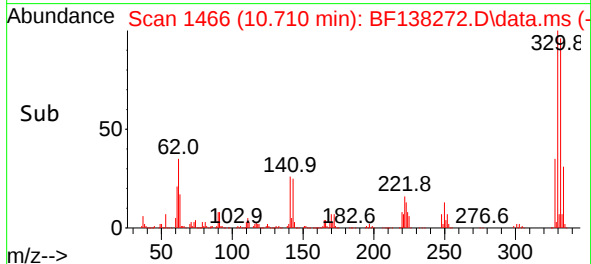
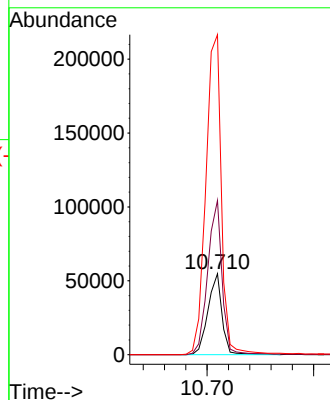
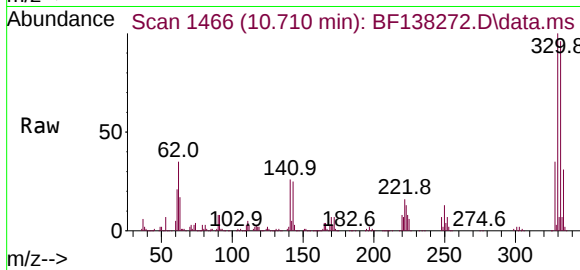




#67
4-Bromophenyl-phenylether
Concen: 4.291 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

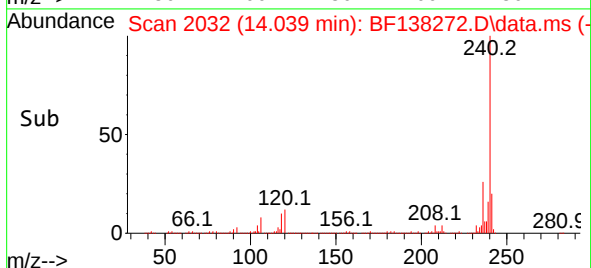
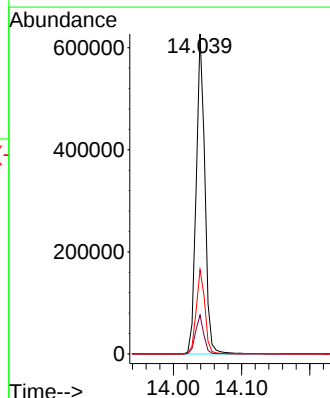
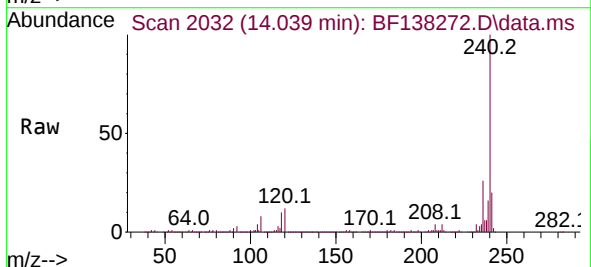
Instrument :
BNA_F
ClientSampleId :
MH-K-COMP

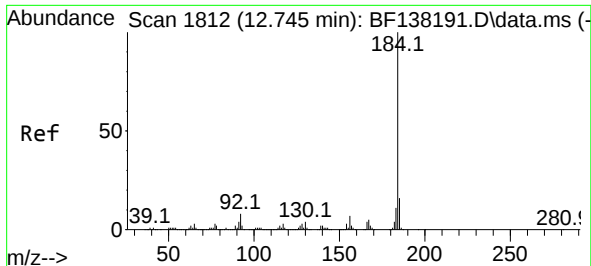
Tgt Ion:248 Resp: 50351
Ion Ratio Lower Upper
248 100
250 190.3 77.2 115.8#
141 395.0 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

Tgt Ion:240 Resp: 555117
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 26.3 21.0 31.6

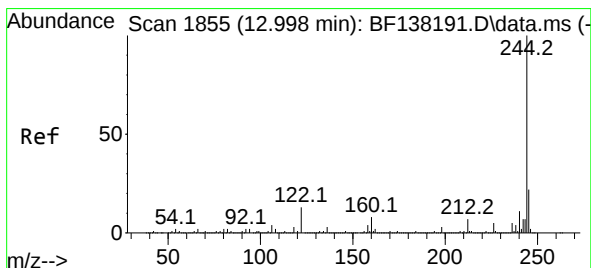
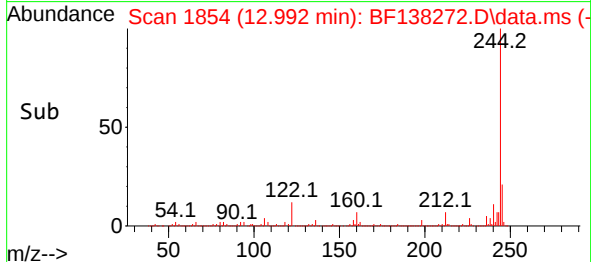
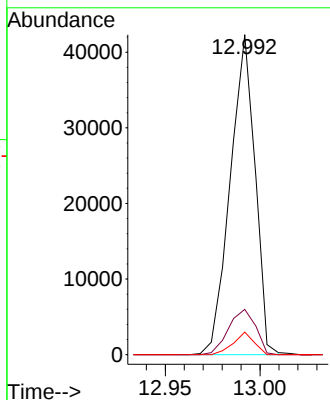
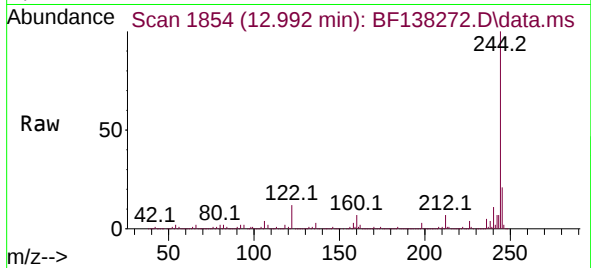




#77
Benzidine
Concen: 5.996 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.247 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

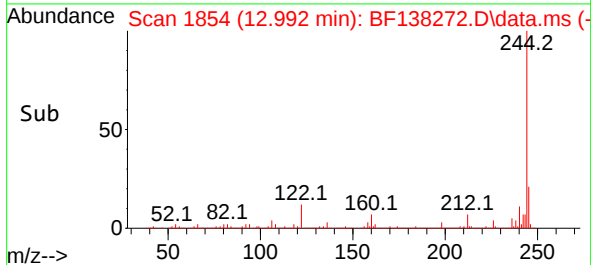
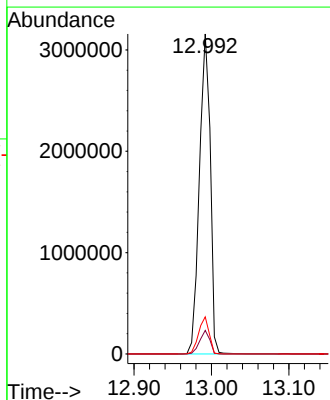
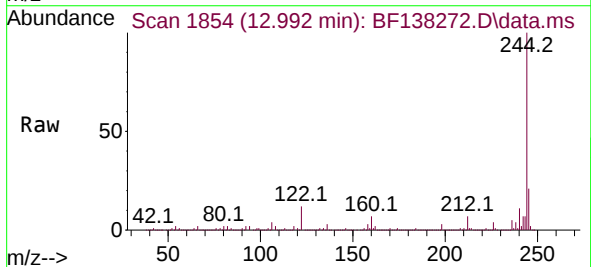
Instrument :
BNA_F
ClientSampleId :
MH-K-COMP

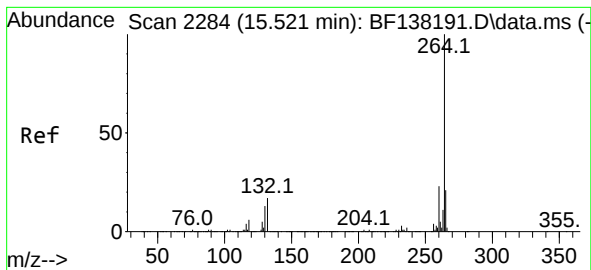
Tgt Ion:184 Resp: 38497
Ion Ratio Lower Upper
184 100
185 14.2 12.6 19.0
183 7.0 9.0 13.6#



#79
Terphenyl-d14
Concen: 87.524 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF138272.D
Acq: 20 Jun 2024 20:13

Tgt Ion:244 Resp: 3067616
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.6 10.6 15.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138272.D

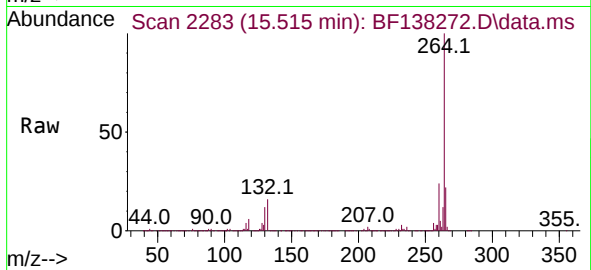
Acq: 20 Jun 2024 20:13

Instrument :

BNA_F

ClientSampleId :

MH-K-COMP



Tgt Ion:264 Resp: 590356

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.8 17.0 25.6

