

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128952.D
 Acq On : 23 Jun 2022 13:50
 Operator : CG\JU
 Sample : N3424-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OH-CON-0621

Quant Time: Jun 23 14:34:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 23 14:30:33 2022
 Response via : Initial Calibration

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

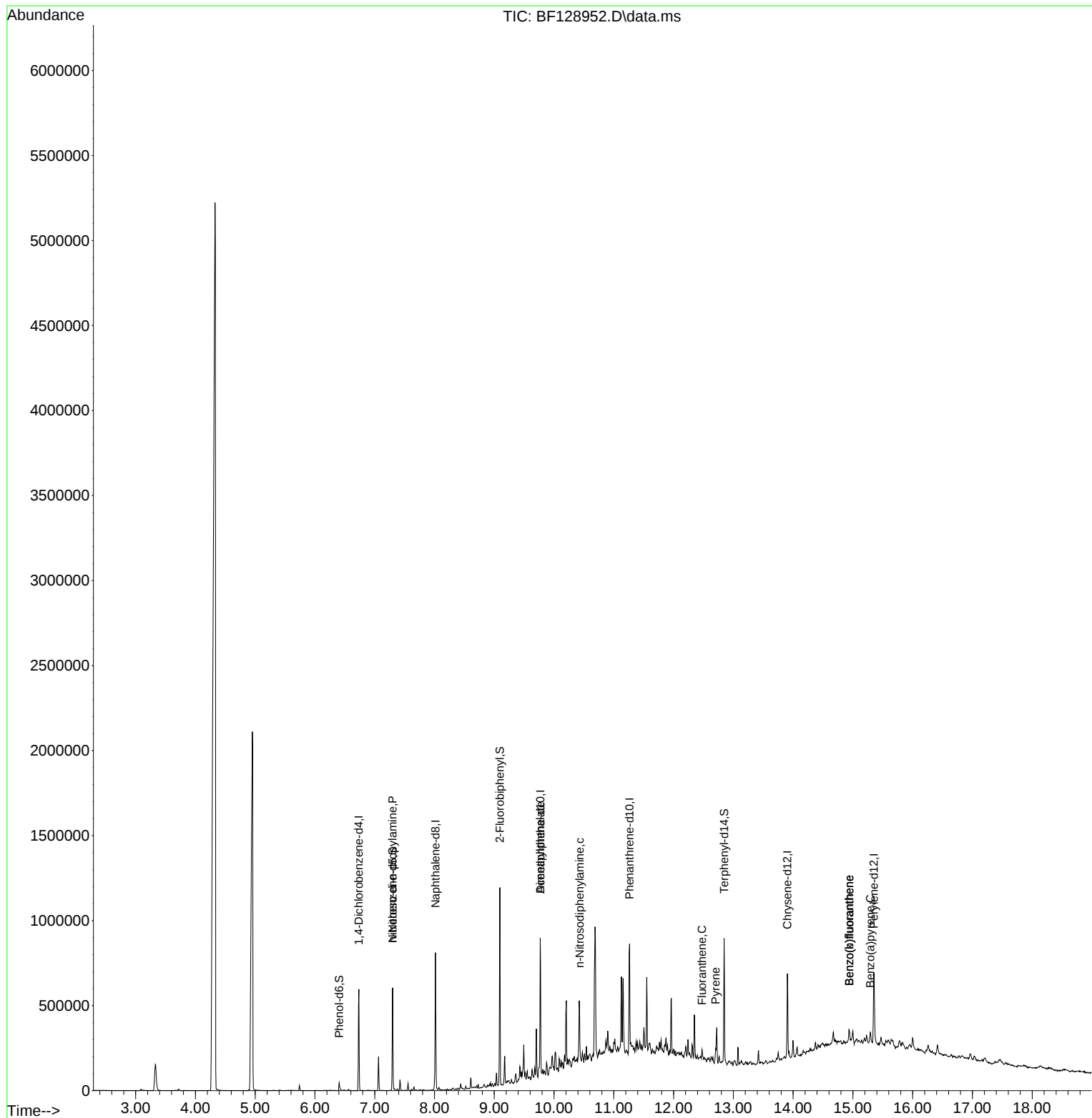
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	82255	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	301482	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	153752	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	225954	20.000	ng	# 0.00
76) Chrysene-d12	13.904	240	167429	20.000	ng	# 0.00
86) Perylene-d12	15.351	264	163863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1206	0.234	ng	0.04
7) Phenol-d6	6.404	99	16885	2.679	ng	0.00
23) Nitrobenzene-d5	7.298	82	162346	25.071	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.092	172	301523	27.471	ng	0.00
79) Terphenyl-d14	12.845	244	225967	23.452	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.298	70	23083	5.890	ng	# 81
50) Dimethylphthalate	9.769	163	26529	2.521	ng	# 1
66) n-Nitrosodiphenylamine	10.428	169	15862	2.284	ng	# 52
75) Fluoranthene	12.475	202	23913	2.019	ng	97
78) Pyrene	12.704	202	31699	2.545	ng	96
88) Benzo(b)fluoranthene	14.939	252	42092	4.020	ng	# 77
89) Benzo(k)fluoranthene	14.939	252	42092	4.273	ng	# 77
90) Benzo(a)pyrene	15.292	252	21767	2.645	ng	# 88

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

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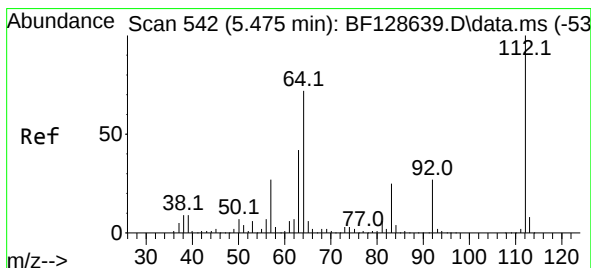
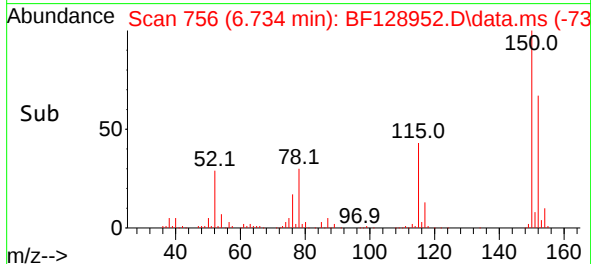
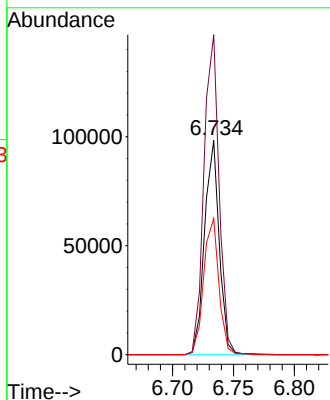
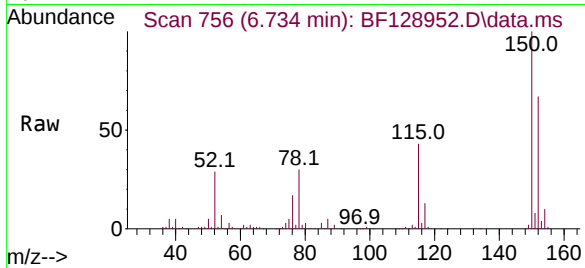




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

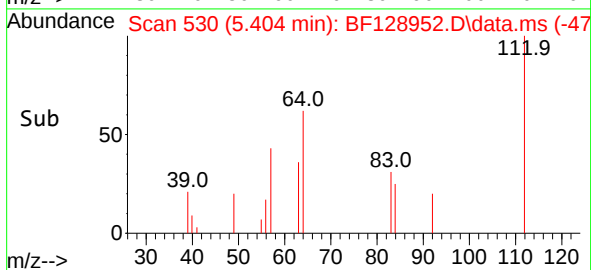
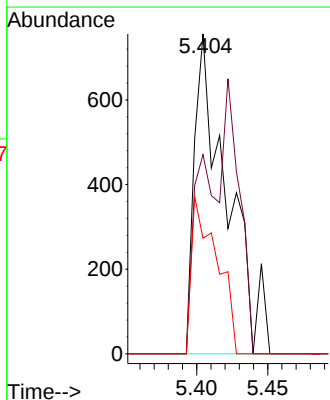
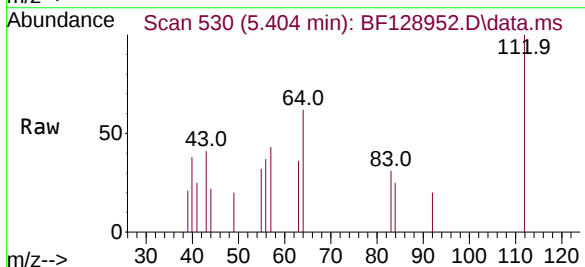
Instrument :
BNA_F
ClientSampleId :
OH-CON-0621

Tgt Ion:152 Resp: 82255
Ion Ratio Lower Upper
152 100
150 149.3 123.7 185.5
115 63.5 49.9 74.9



#5
2-Fluorophenol
Concen: 0.234 ng
RT: 5.404 min Scan# 530
Delta R.T. 0.041 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Tgt Ion:112 Resp: 1206
Ion Ratio Lower Upper
112 100
64 62.3 53.3 79.9
63 36.1 28.0 42.0

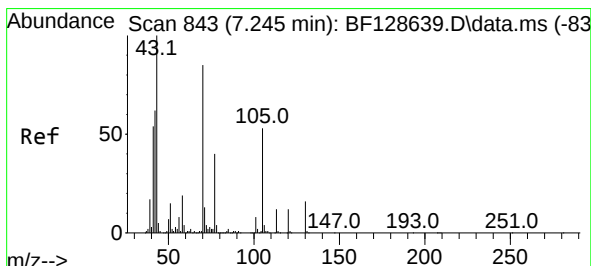
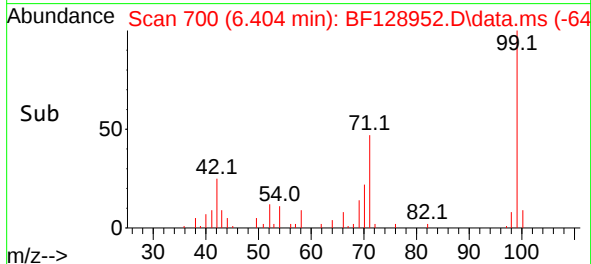
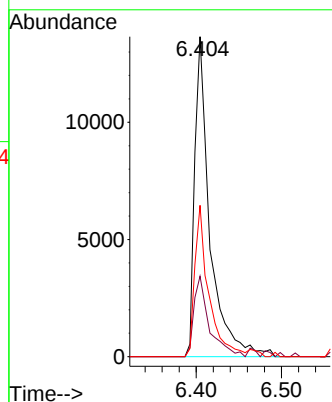
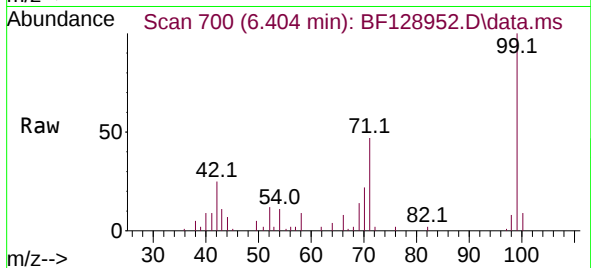




#7
Phenol-d6
Concen: 2.679 ng
RT: 6.404 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

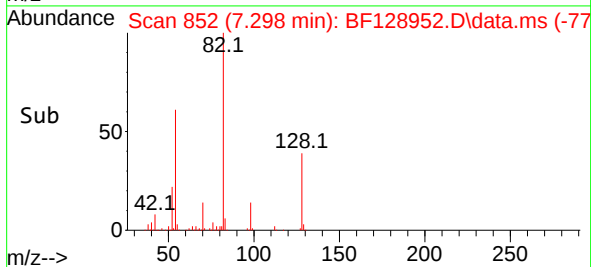
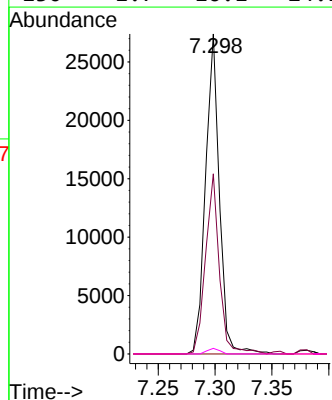
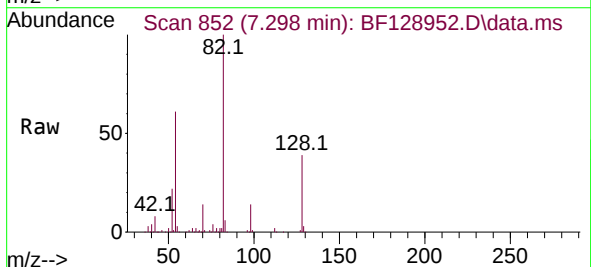
Instrument :
BNA_F
ClientSampleId :
OH-CON-0621

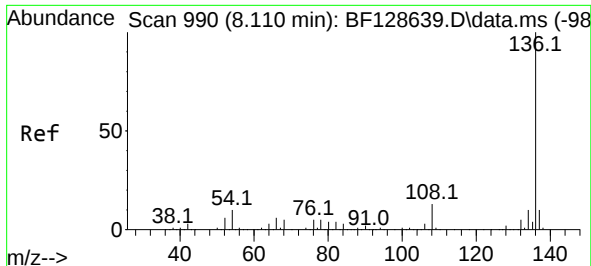
Tgt Ion: 99 Resp: 16885
Ion Ratio Lower Upper
99 100
42 25.1 17.3 25.9
71 47.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 5.890 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.141 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Tgt Ion: 70 Resp: 23083
Ion Ratio Lower Upper
70 100
42 56.3 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#



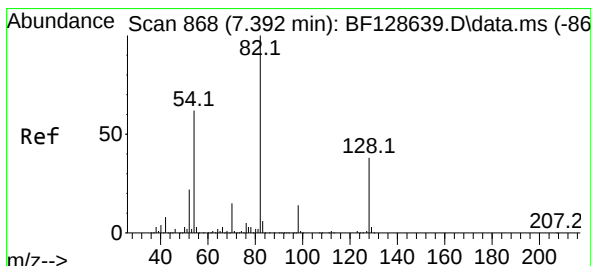
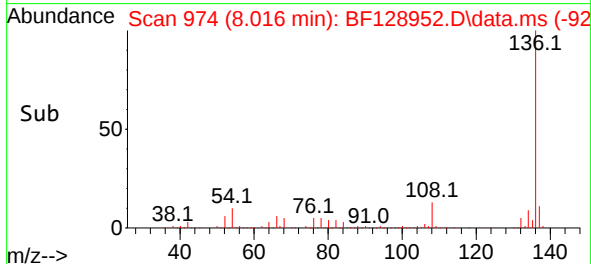
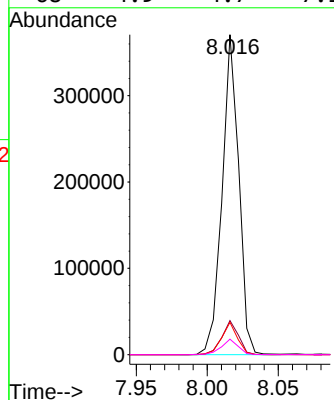
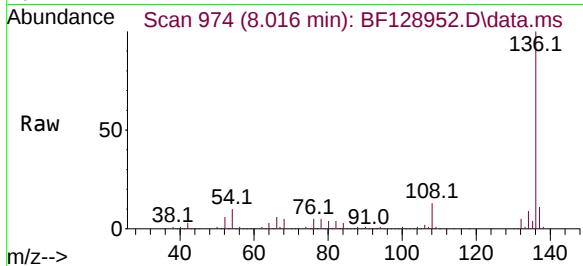


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Instrument :
BNA_F
ClientSampleId :
OH-CON-0621

Tgt Ion:136 Resp: 301482

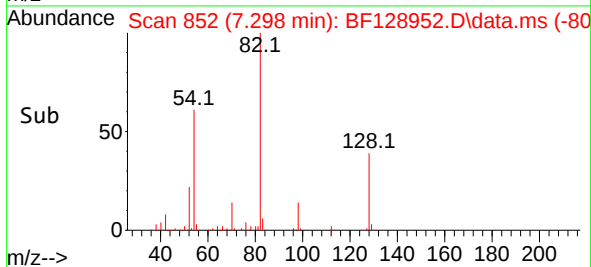
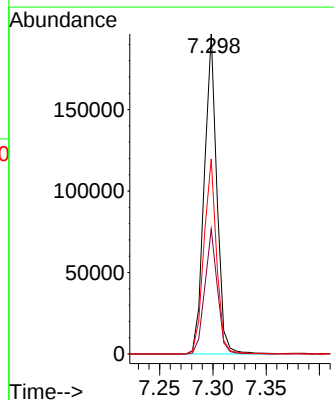
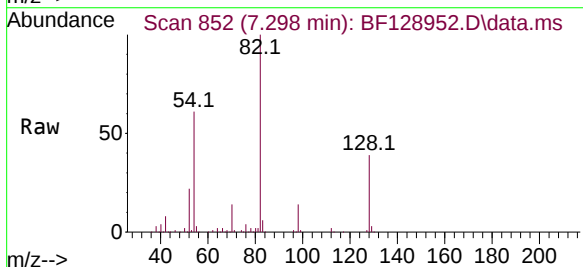
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.1	7.5	11.3
68	4.9	4.7	7.1

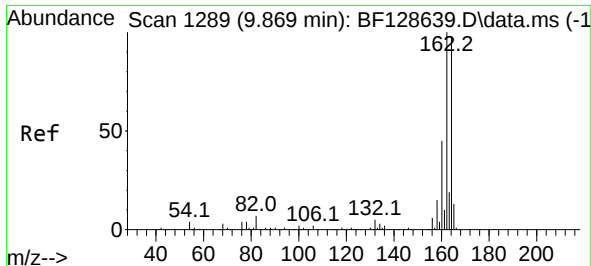


#23
Nitrobenzene-d5
Concen: 25.071 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.012 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Tgt Ion: 82 Resp: 162346

Ion	Ratio	Lower	Upper
82	100		
128	39.0	34.0	51.0
54	60.9	46.9	70.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128952.D

Acq: 23 Jun 2022 13:50

Instrument :

BNA_F

ClientSampleId :

OH-CON-0621

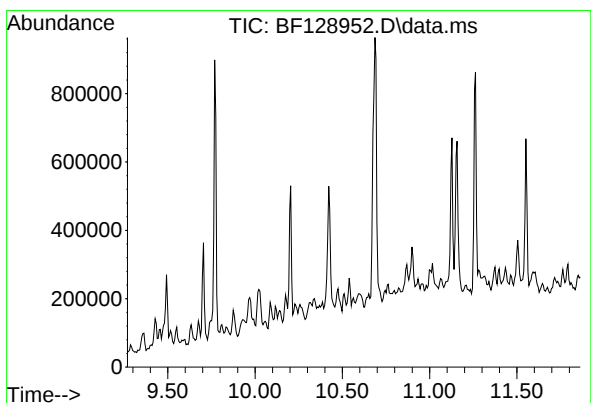
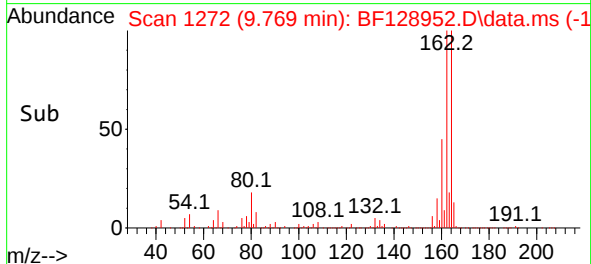
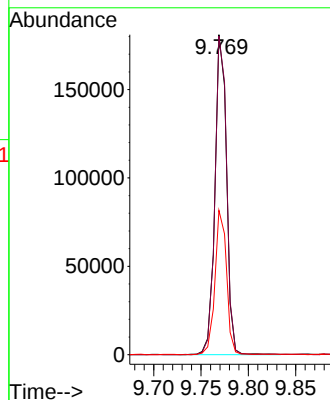
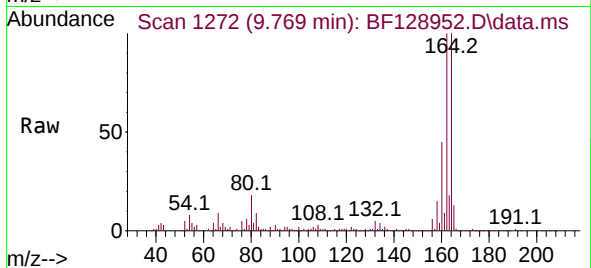
Tgt Ion:164 Resp: 153752

Ion Ratio Lower Upper

164 100

162 99.5 79.5 119.3

160 45.1 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.57 min

Lab File: BF128952.D

Acq: 23 Jun 2022 13:50

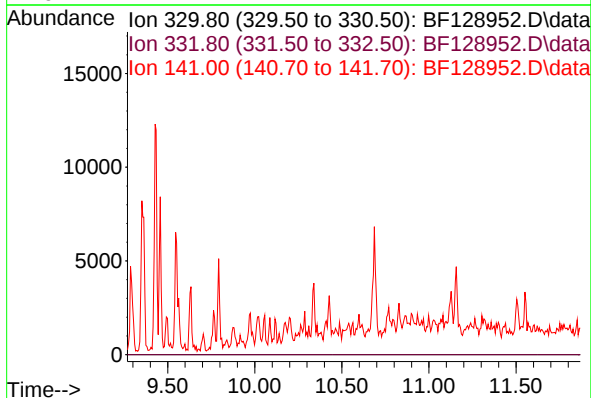
Tgt Ion: 330

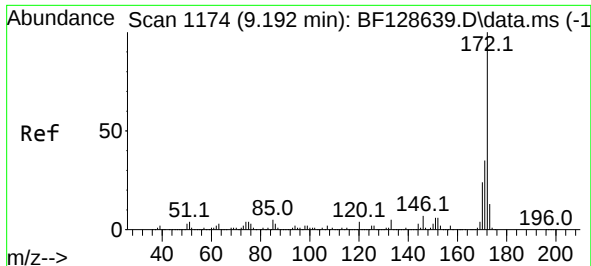
Sig Exp Ratio

330 100

332 96.0

141 35.0





#45

2-Fluorobiphenyl

Concen: 27.471 ng

RT: 9.092 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF128952.D

Acq: 23 Jun 2022 13:50

Instrument :

BNA_F

ClientSampleId :

OH-CON-0621

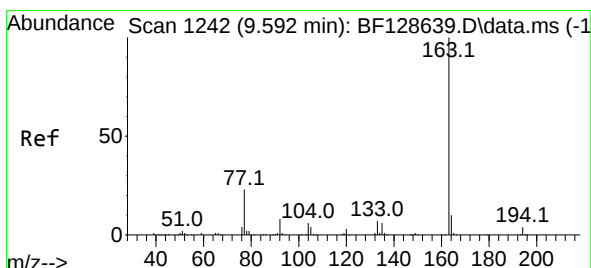
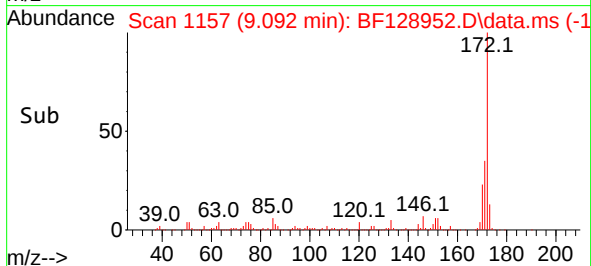
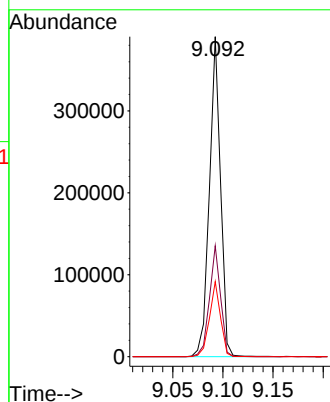
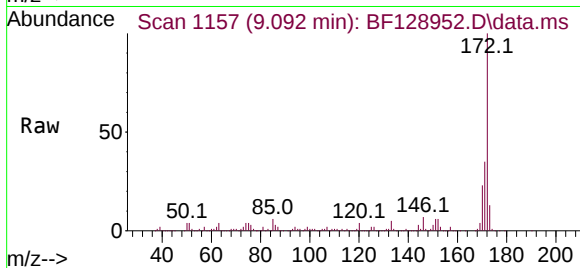
Tgt Ion:172 Resp: 301523

Ion Ratio Lower Upper

172 100

171 34.7 28.8 43.2

170 23.5 19.8 29.8



#50

Dimethylphthalate

Concen: 2.521 ng

RT: 9.769 min Scan# 1272

Delta R.T. 0.265 min

Lab File: BF128952.D

Acq: 23 Jun 2022 13:50

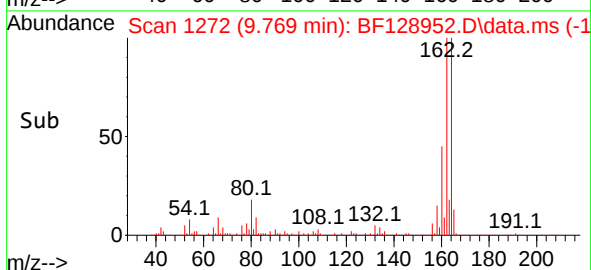
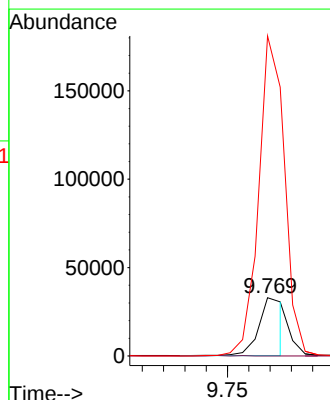
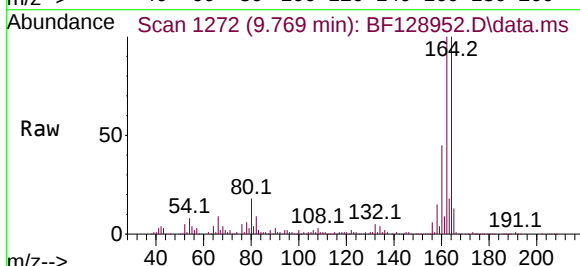
Tgt Ion:163 Resp: 26529

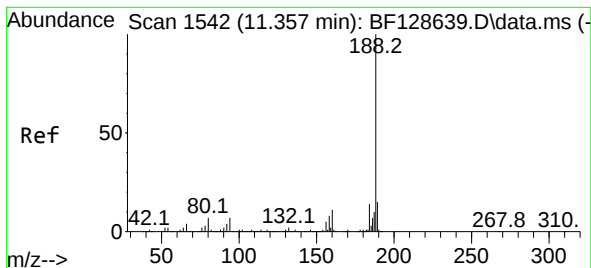
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 549.7 8.2 12.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128952.D

Acq: 23 Jun 2022 13:50

Instrument :

BNA_F

ClientSampleId :

OH-CON-0621

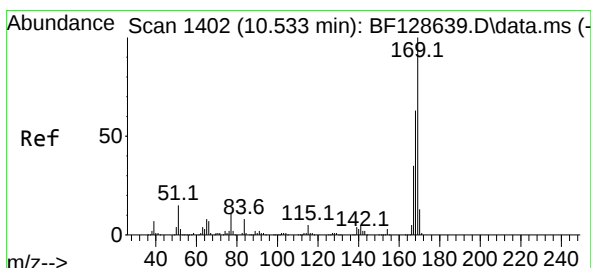
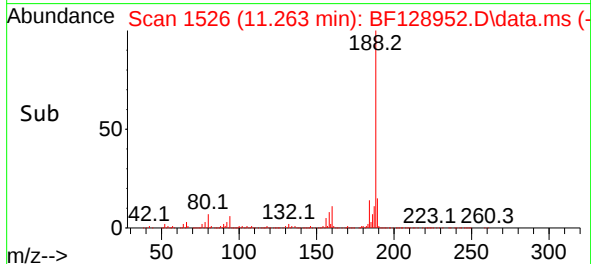
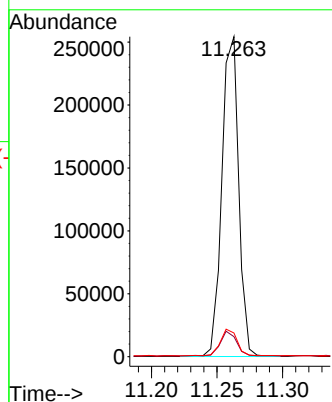
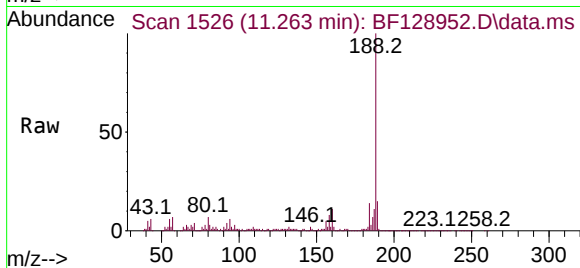
Tgt Ion:188 Resp: 225954

Ion Ratio Lower Upper

188 100

94 6.2 7.0 10.6#

80 7.4 7.6 11.4#



#66

n-Nitrosodiphenylamine

Concen: 2.284 ng

RT: 10.428 min Scan# 1384

Delta R.T. -0.012 min

Lab File: BF128952.D

Acq: 23 Jun 2022 13:50

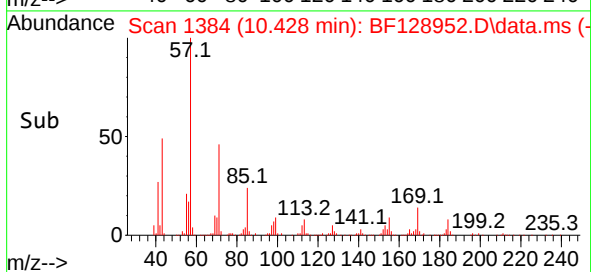
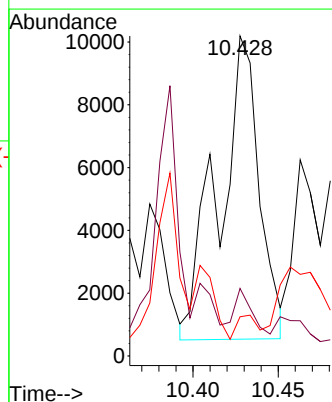
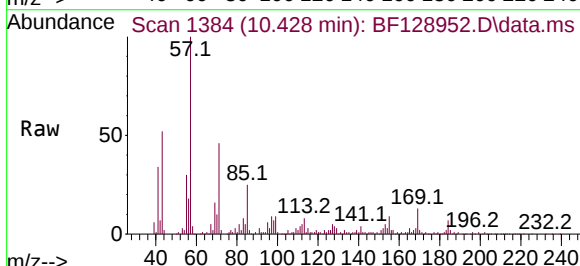
Tgt Ion:169 Resp: 15862

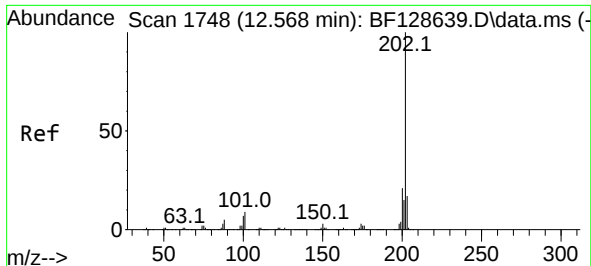
Ion Ratio Lower Upper

169 100

168 21.1 50.1 75.1#

167 12.2 27.9 41.9#

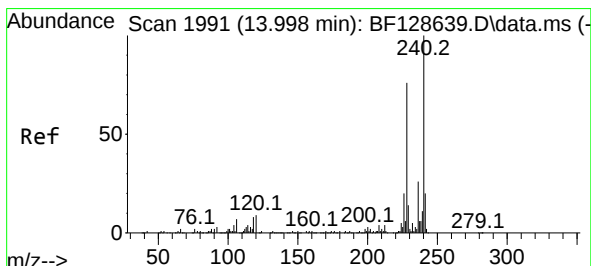
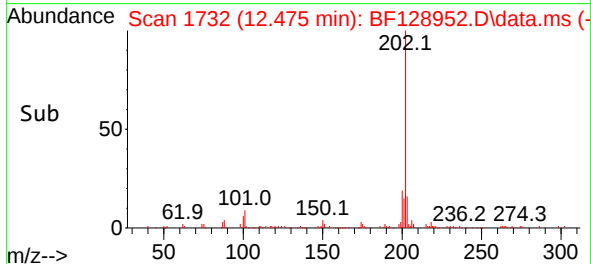
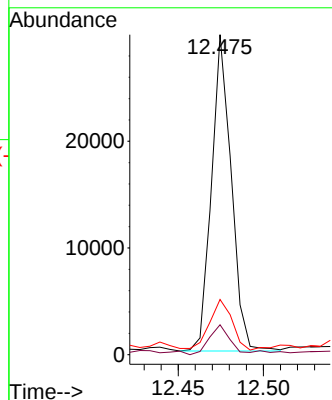
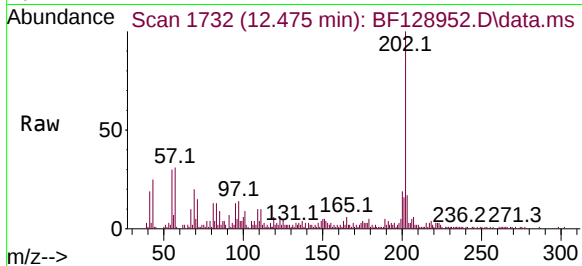




#75
Fluoranthene
Concen: 2.019 ng
RT: 12.475 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

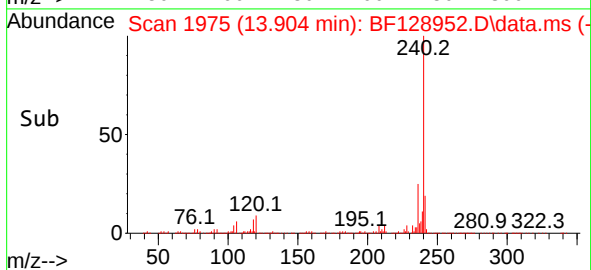
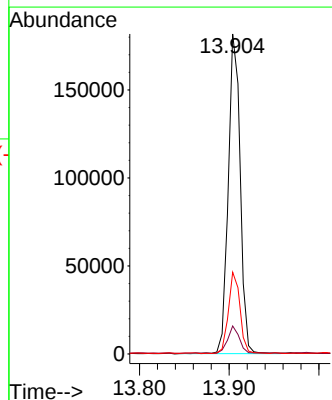
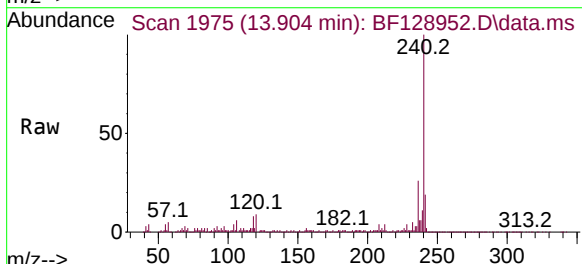
Instrument :
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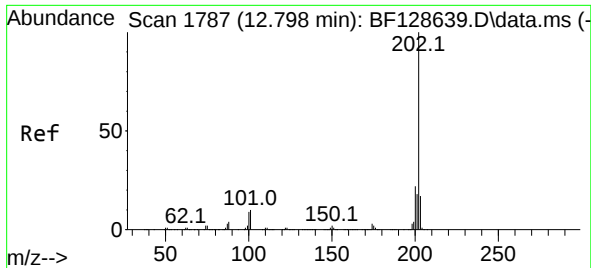
Tgt Ion:202 Resp: 23913
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.4
203 17.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.904 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Tgt Ion:240 Resp: 167429
Ion Ratio Lower Upper
240 100
120 8.8 8.9 13.3#
236 25.5 20.8 31.2

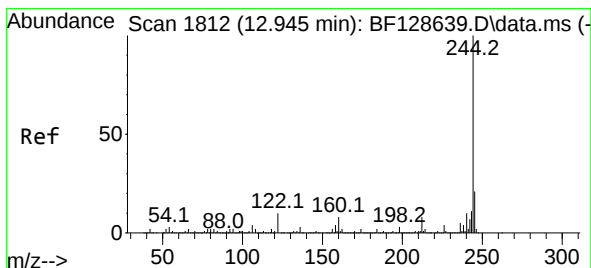
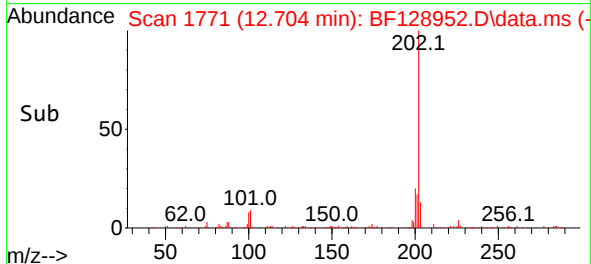
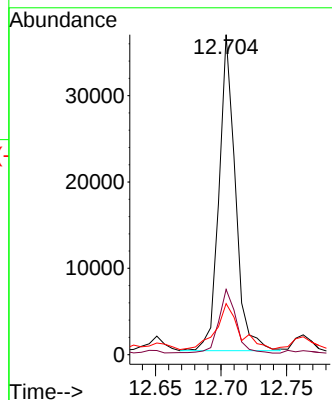
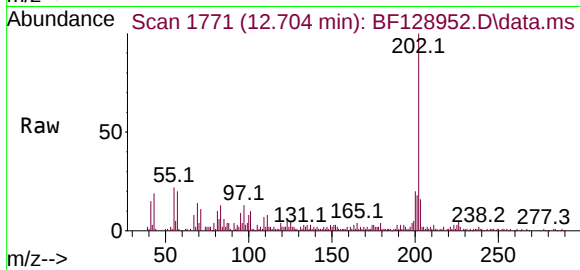




#78
 Pyrene
 Concen: 2.545 ng
 RT: 12.704 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128952.D
 Acq: 23 Jun 2022 13:50

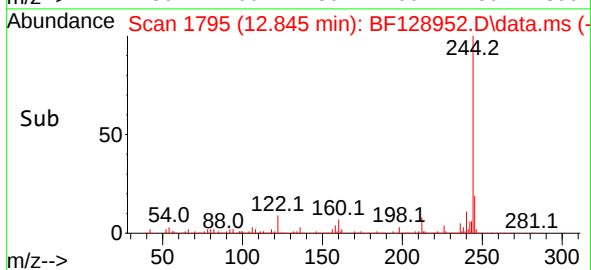
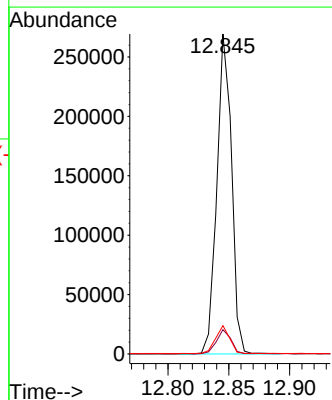
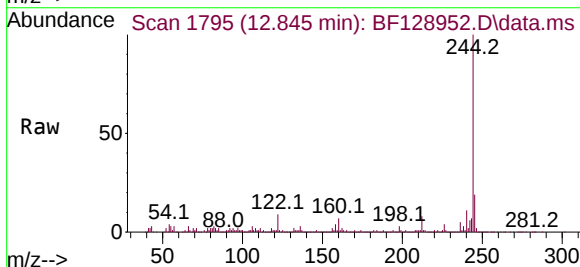
Instrument :
 BNA_F
 ClientSampleId :
 OH-CON-0621

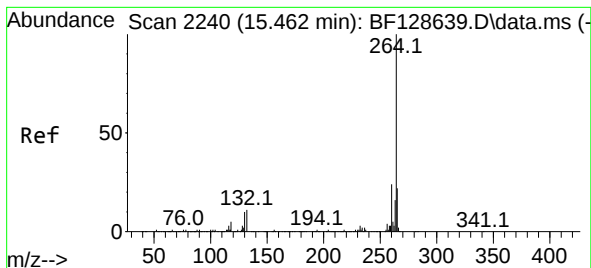
Tgt Ion:202 Resp: 31699
 Ion Ratio Lower Upper
 202 100
 200 20.4 17.7 26.5
 203 16.0 14.6 21.8



#79
 Terphenyl-d14
 Concen: 23.452 ng
 RT: 12.845 min Scan# 1795
 Delta R.T. -0.006 min
 Lab File: BF128952.D
 Acq: 23 Jun 2022 13:50

Tgt Ion:244 Resp: 225967
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 8.9 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.351 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128952.D

Acq: 23 Jun 2022 13:50

Instrument :

BNA_F

ClientSampleId :

OH-CON-0621

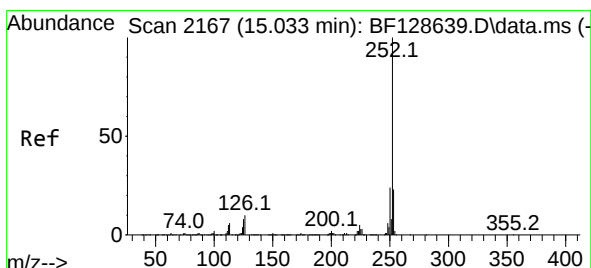
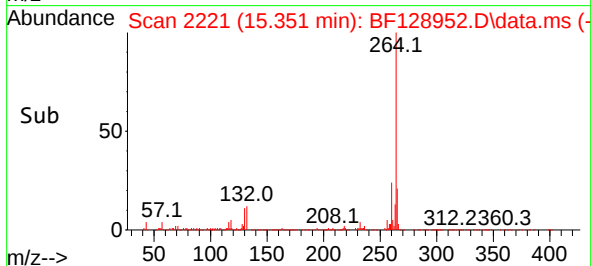
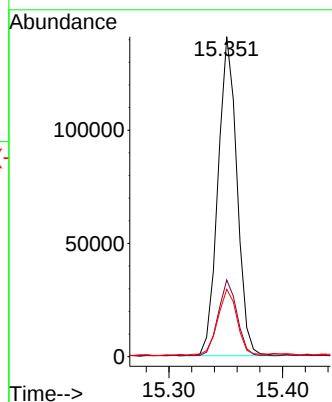
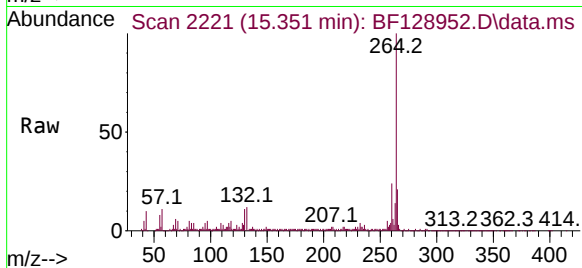
Tgt Ion:264 Resp: 163863

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.1 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 4.020 ng

RT: 14.939 min Scan# 2151

Delta R.T. 0.006 min

Lab File: BF128952.D

Acq: 23 Jun 2022 13:50

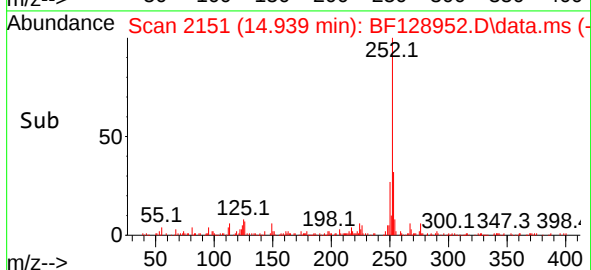
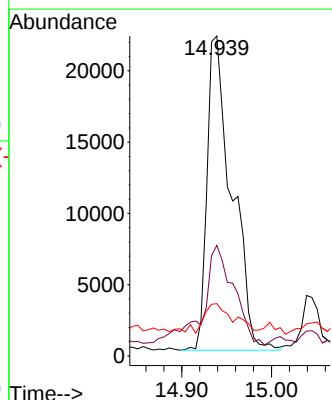
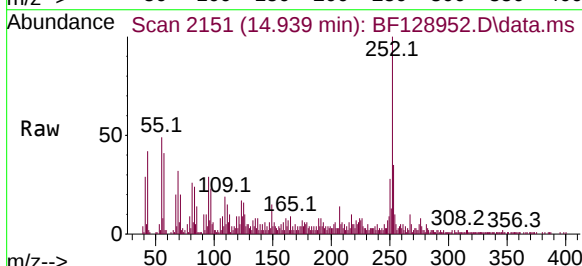
Tgt Ion:252 Resp: 42092

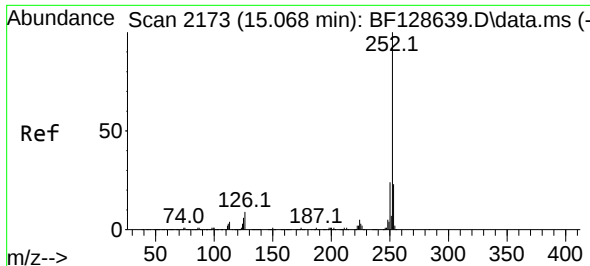
Ion Ratio Lower Upper

252 100

253 34.6 17.7 26.5#

125 16.3 8.0 12.0#

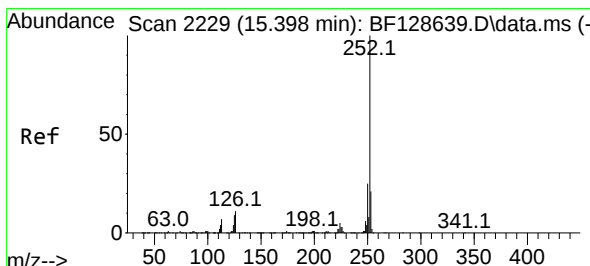
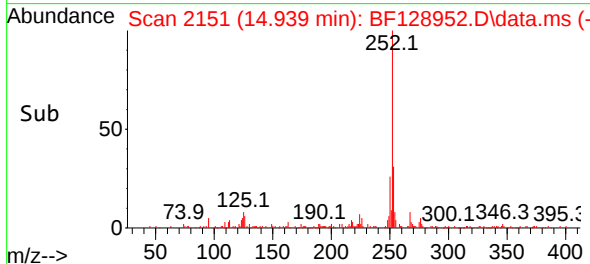
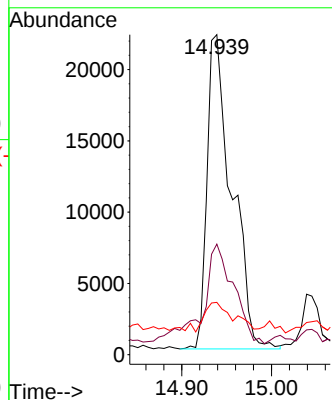
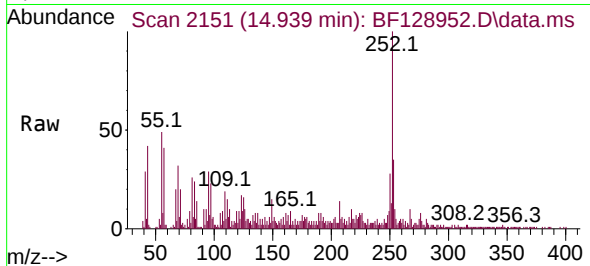




#89
Benzo(k)fluoranthene
Concen: 4.273 ng
RT: 14.939 min Scan# 2173
Delta R.T. -0.023 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Instrument :
BNA_F
ClientSampleId :
OH-CON-0621

Tgt Ion:252 Resp: 42092
Ion Ratio Lower Upper
252 100
253 34.6 17.8 26.6#
125 16.3 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.645 ng
RT: 15.292 min Scan# 2211
Delta R.T. 0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Tgt Ion:252 Resp: 21767
Ion Ratio Lower Upper
252 100
253 24.9 17.0 25.6
125 18.5 8.8 13.2#

