

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128989.D
 Acq On : 24 Jun 2022 15:02
 Operator : CG\JU
 Sample : N3424-03RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OH-CON-0621RE

Quant Time: Jun 25 06:13:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

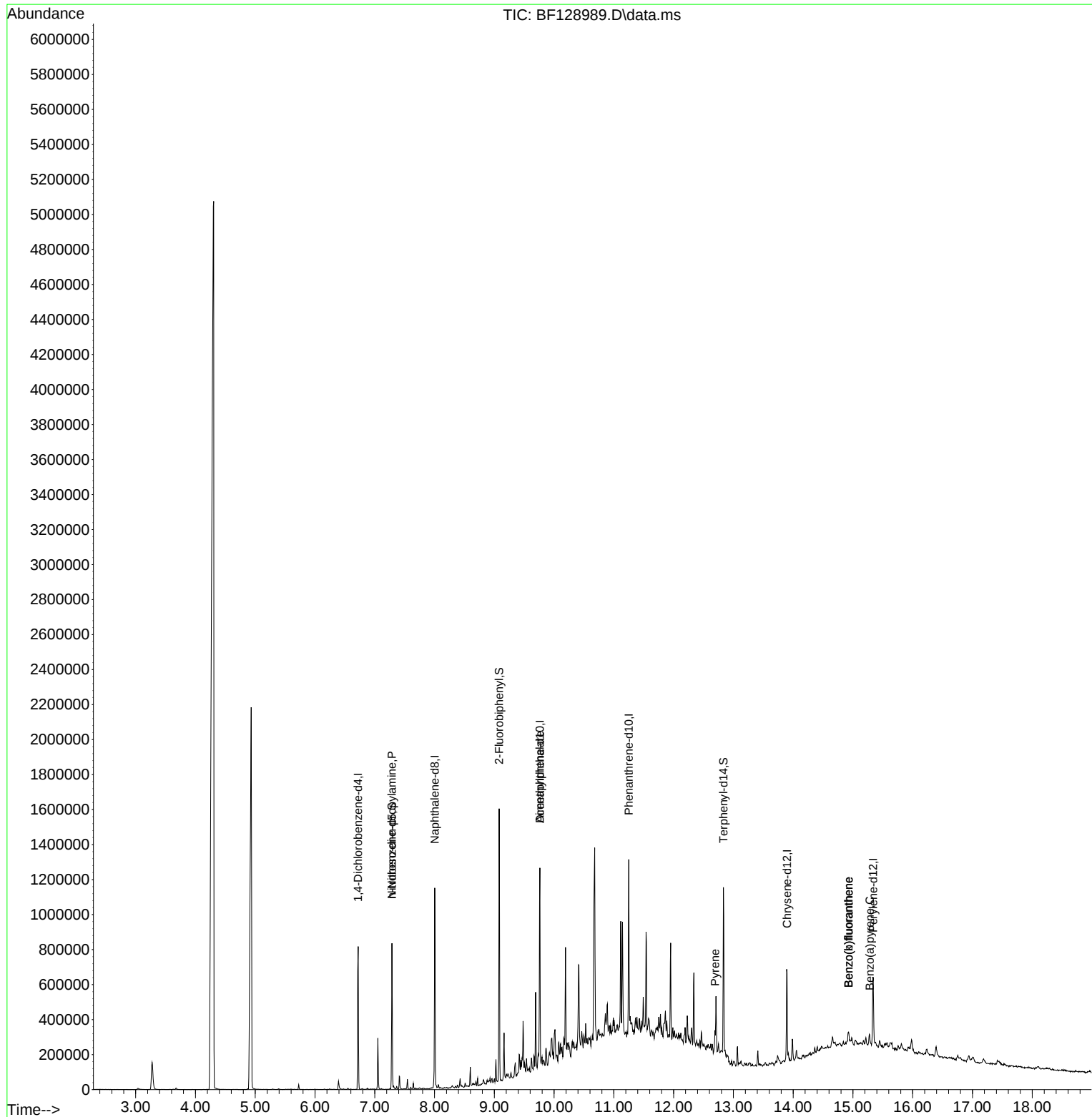
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	113271	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	431286	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	222790	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	321899	20.000	ng	0.00
76) Chrysene-d12	13.898	240	183943	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	159471	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1392	0.196	ng	0.03
7) Phenol-d6	6.392	99	17270	1.990	ng	0.00
23) Nitrobenzene-d5	7.287	82	219541	23.700	ng	-0.02
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.081	172	422822	26.585	ng	-0.01
79) Terphenyl-d14	12.833	244	310902	29.370	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.287	70	30164	5.589	ng	# 79
50) Dimethylphthalate	9.763	163	40722	2.670	ng	# 1
78) Pyrene	12.692	202	46767	3.417	ng	98
88) Benzo(b)fluoranthene	14.927	252	43678	4.286	ng	# 79
89) Benzo(k)fluoranthene	14.927	252	43678	4.557	ng	# 79
90) Benzo(a)pyrene	15.280	252	22234	2.776	ng	# 87

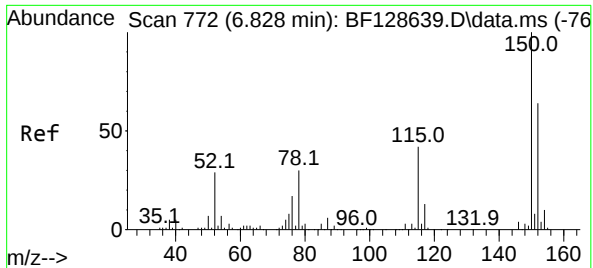
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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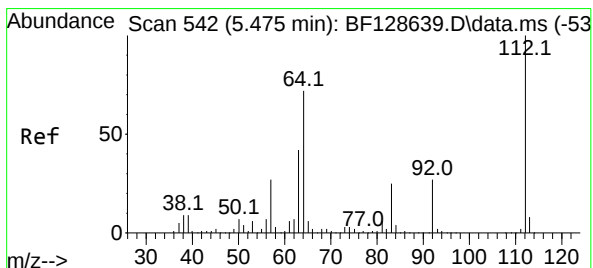
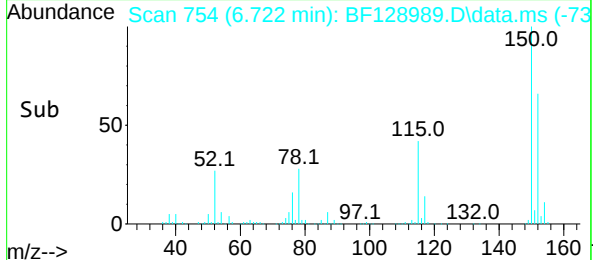
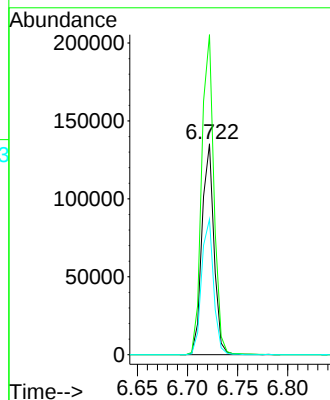
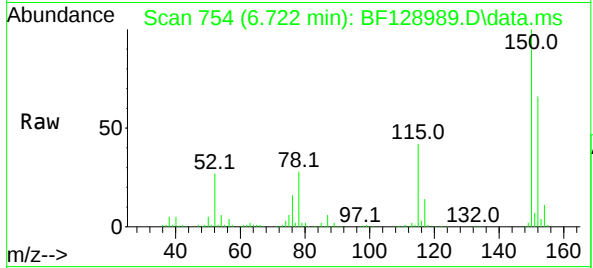




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128989.D
Acq: 24 Jun 2022 15:02

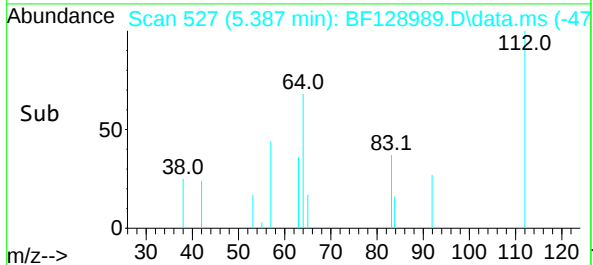
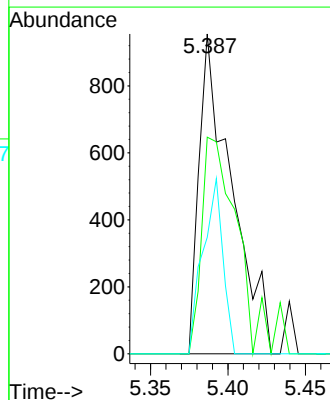
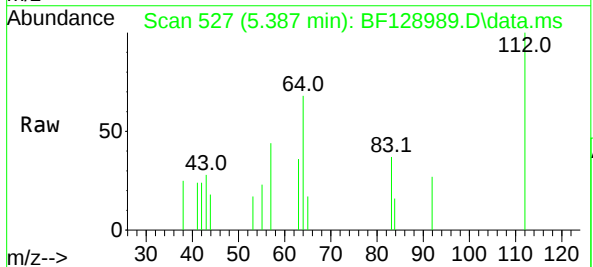
Instrument :
BNA_F
ClientSampleId :
OH-CON-0621RE

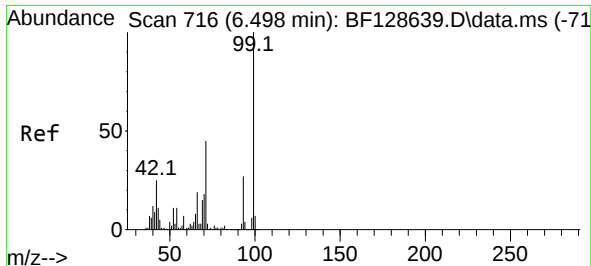
Tgt Ion:152 Resp: 113271
Ion Ratio Lower Upper
152 100
150 151.8 123.7 185.5
115 64.2 49.9 74.9



#5
2-Fluorophenol
Concen: 0.196 ng
RT: 5.387 min Scan# 527
Delta R.T. 0.029 min
Lab File: BF128989.D
Acq: 24 Jun 2022 15:02

Tgt Ion:112 Resp: 1392
Ion Ratio Lower Upper
112 100
64 67.7 53.3 79.9
63 36.4 28.0 42.0

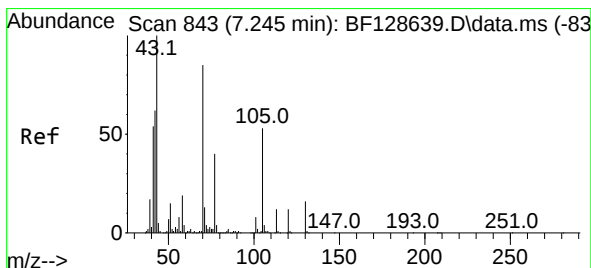
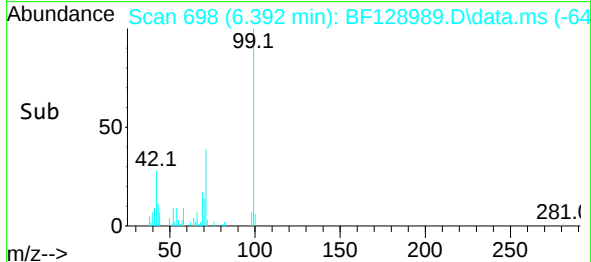
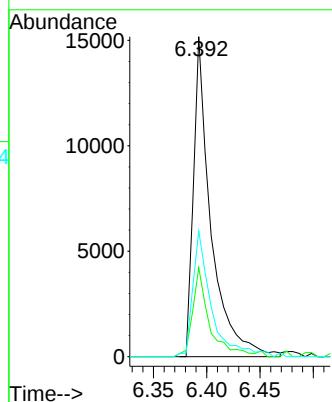
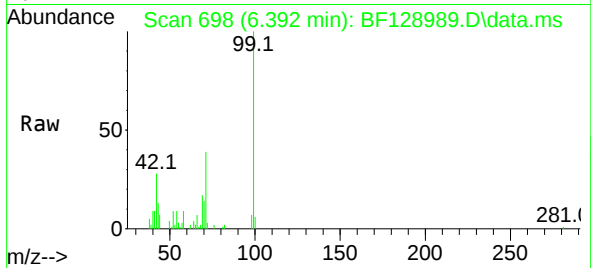




#7
Phenol-d6
Concen: 1.990 ng
RT: 6.392 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF128989.D
Acq: 24 Jun 2022 15:02

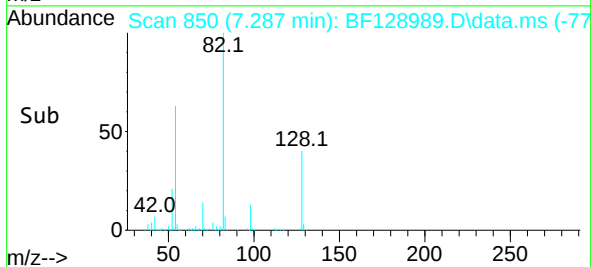
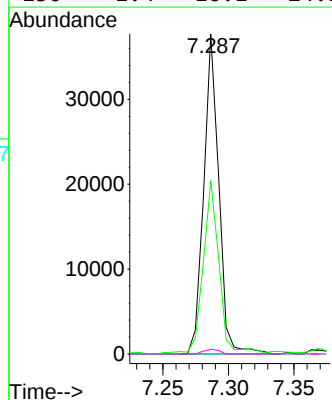
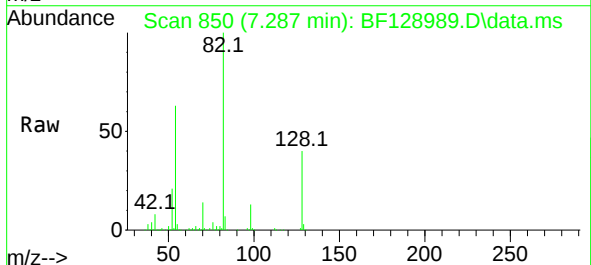
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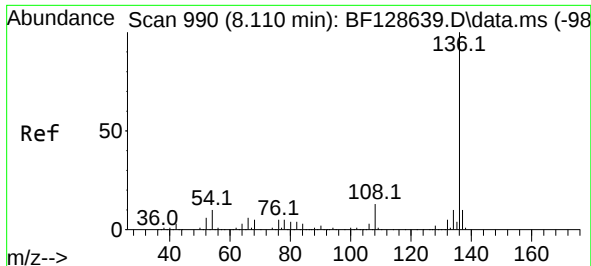
Tgt Ion: 99 Resp: 17270
Ion Ratio Lower Upper
99 100
42 27.8 17.3 25.9#
71 39.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 5.589 ng
RT: 7.287 min Scan# 850
Delta R.T. 0.135 min
Lab File: BF128989.D
Acq: 24 Jun 2022 15:02

Tgt Ion: 70 Resp: 30164
Ion Ratio Lower Upper
70 100
42 54.1 52.3 78.5
101 0.0 7.5 11.3#
130 1.4 16.1 24.1#

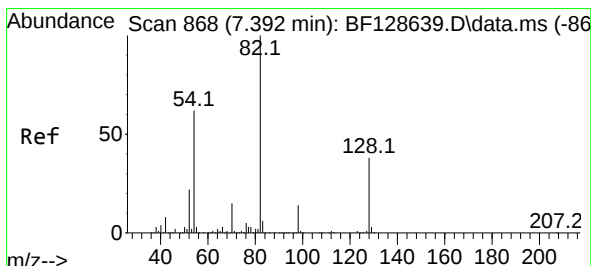
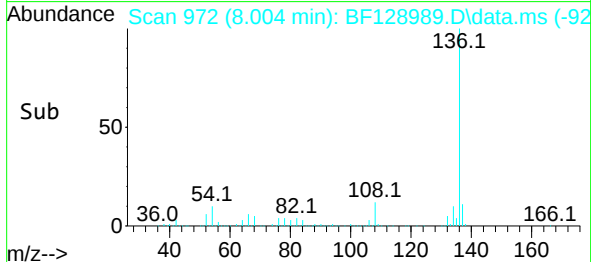
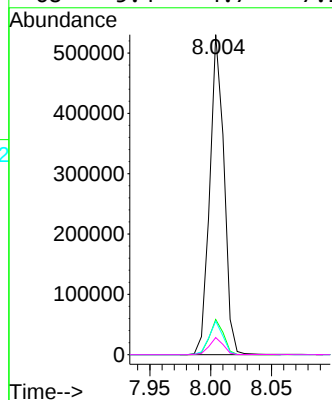
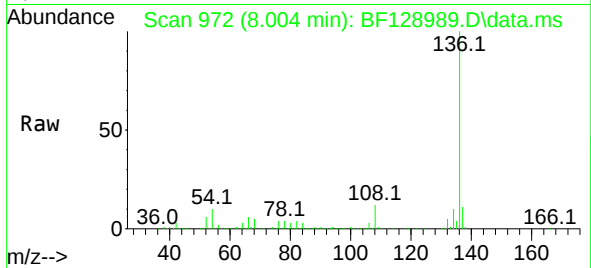




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128989.D
Acq: 24 Jun 2022 15:02

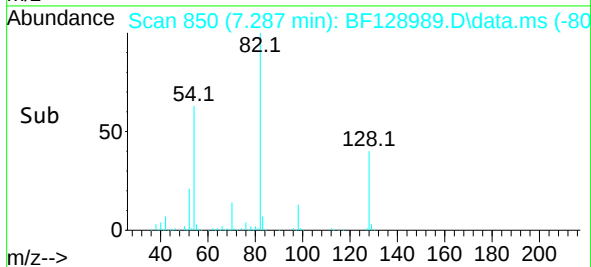
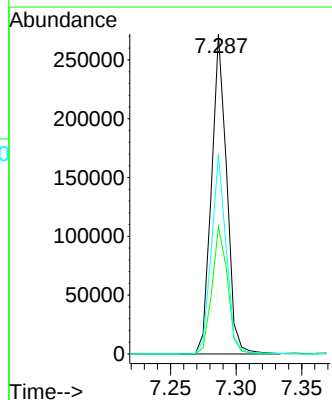
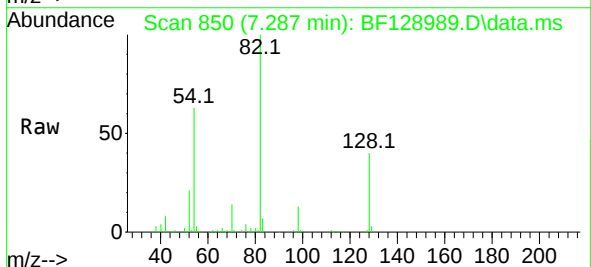
Instrument :
BNA_F
ClientSampleId :
OH-CON-0621RE

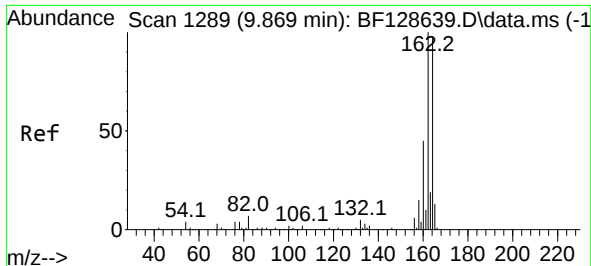
Tgt Ion:136 Resp: 431286
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.5 7.5 11.3
68 5.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 23.700 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.018 min
Lab File: BF128989.D
Acq: 24 Jun 2022 15:02

Tgt Ion: 82 Resp: 219541
Ion Ratio Lower Upper
82 100
128 39.8 34.0 51.0
54 62.5 46.9 70.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128989.D

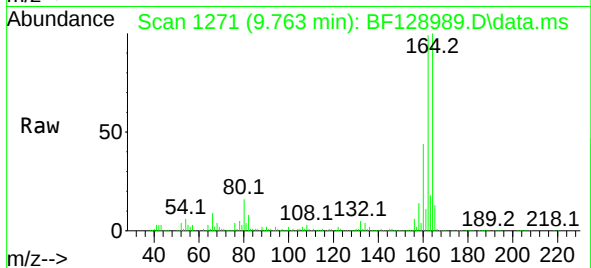
Acq: 24 Jun 2022 15:02

Instrument :

BNA_F

ClientSampleId :

OH-CON-0621RE



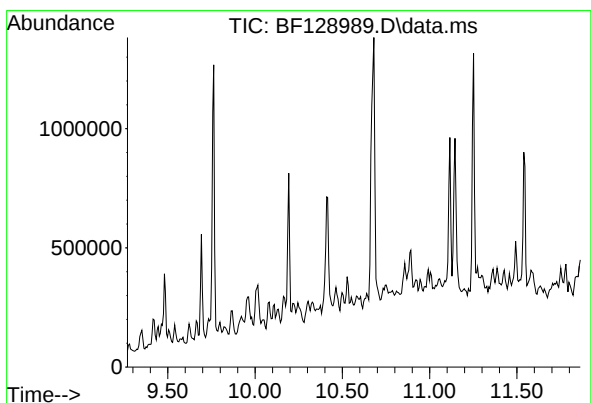
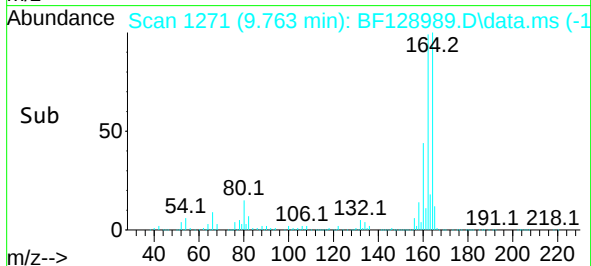
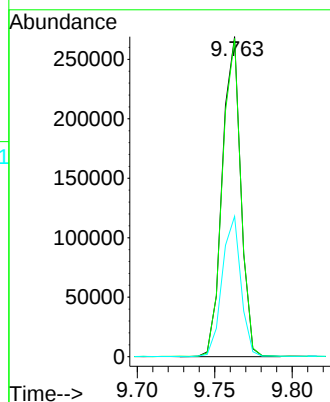
Tgt Ion:164 Resp: 222790

Ion Ratio Lower Upper

164 100

162 99.4 79.5 119.3

160 43.9 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.56 min

Lab File: BF128989.D

Acq: 24 Jun 2022 15:02

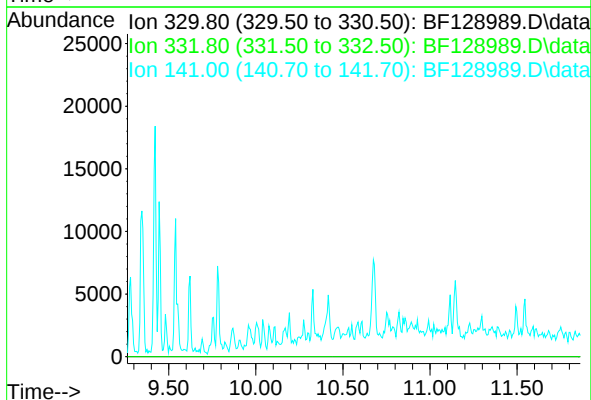
Tgt Ion: 330

Sig Exp Ratio

330 100

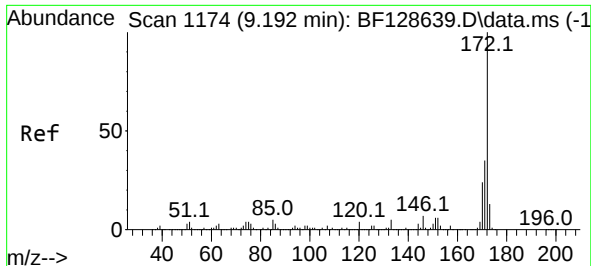
332 96.0

141 35.0



Ion 331.80 (331.50 to 332.50): BF128989.D\data

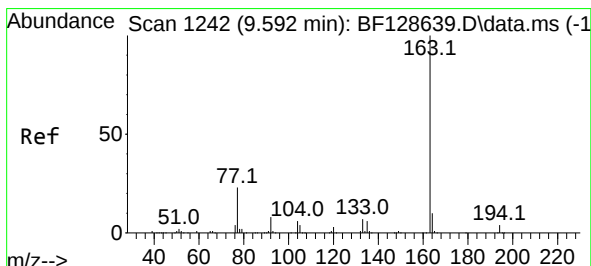
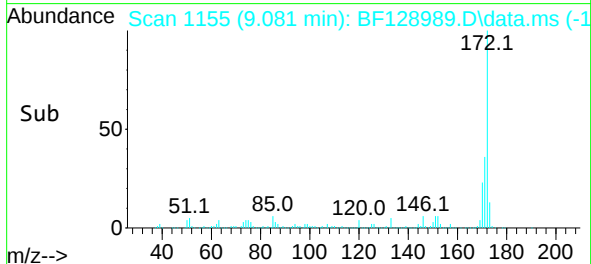
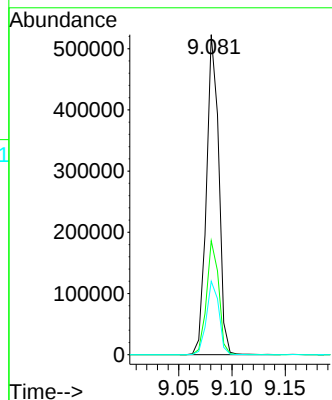
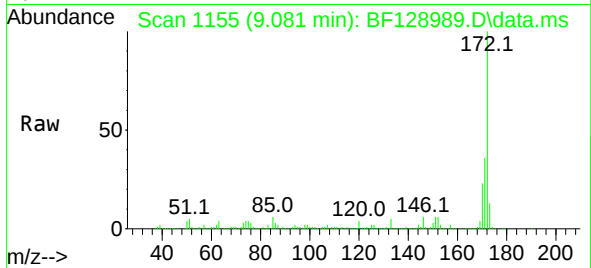
Ion 141.00 (140.70 to 141.70): BF128989.D\data



#45
2-Fluorobiphenyl
Concen: 26.585 ng
RT: 9.081 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF128989.D
Acq: 24 Jun 2022 15:02

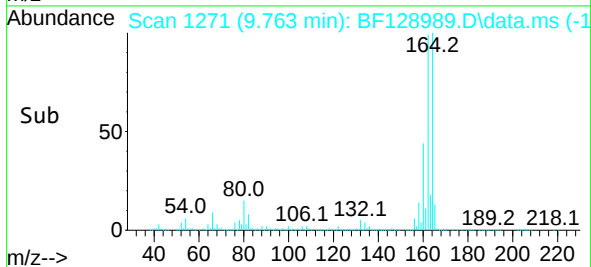
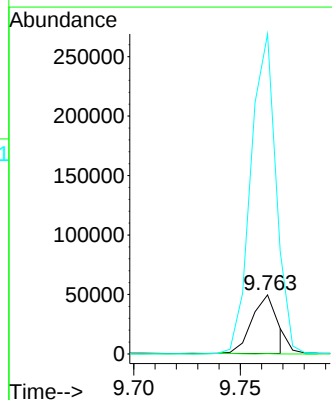
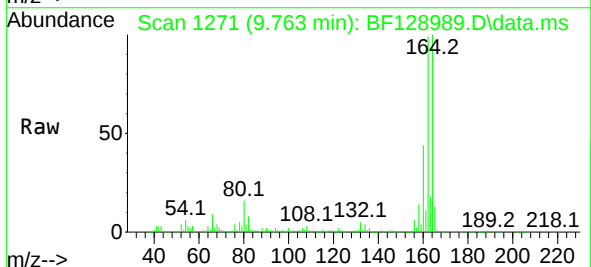
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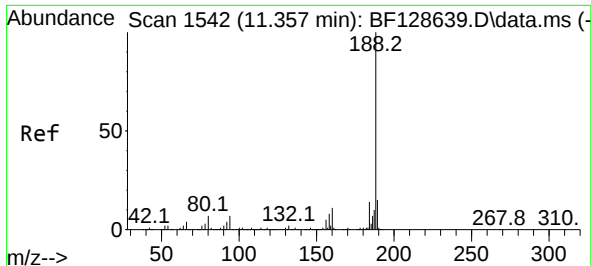
Tgt Ion:172 Resp: 422822
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 22.9 19.8 29.8



#50
Dimethylphthalate
Concen: 2.670 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.265 min
Lab File: BF128989.D
Acq: 24 Jun 2022 15:02

Tgt Ion:163 Resp: 40722
Ion Ratio Lower Upper
163 100
194 0.4 3.2 4.8#
164 542.5 8.2 12.2#

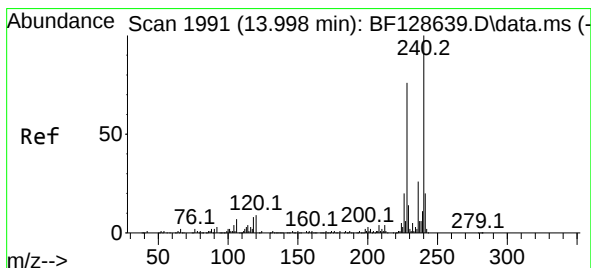
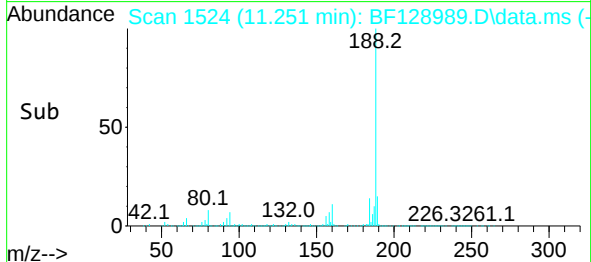
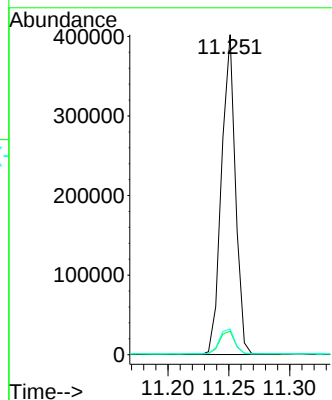
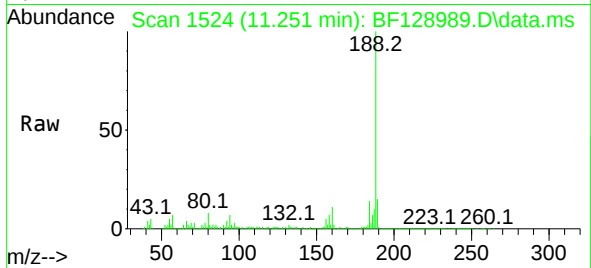




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128989.D
Acq: 24 Jun 2022 15:02

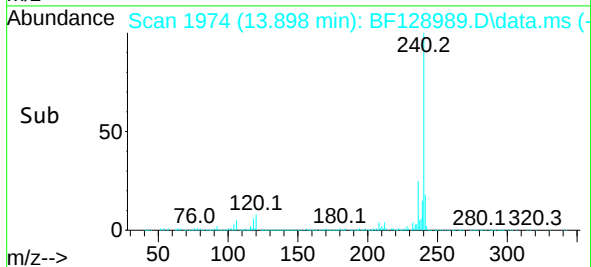
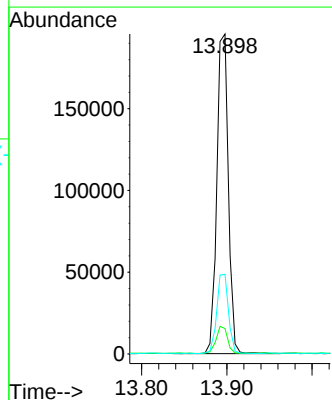
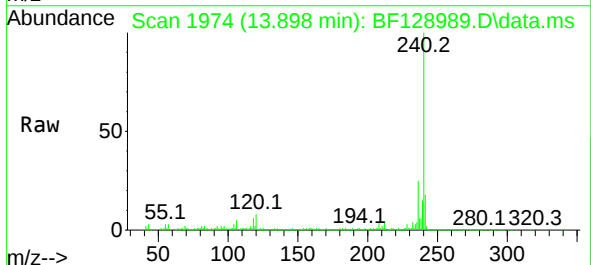
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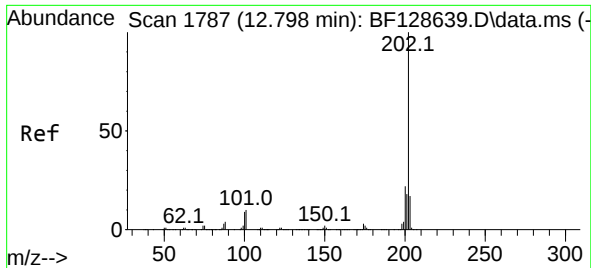
Tgt Ion:188 Resp: 321899
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BF128989.D
Acq: 24 Jun 2022 15:02

Tgt Ion:240 Resp: 183943
Ion Ratio Lower Upper
240 100
120 7.9 8.9 13.3#
236 24.9 20.8 31.2

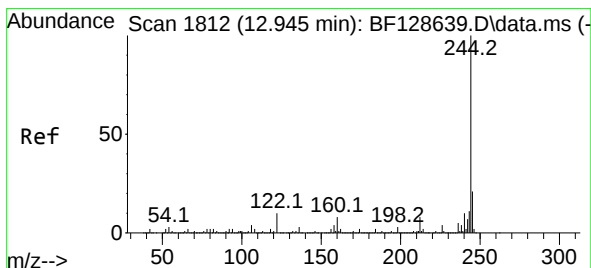
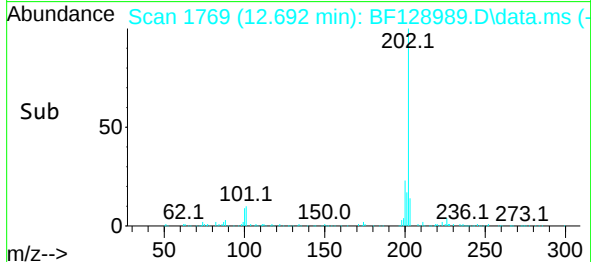
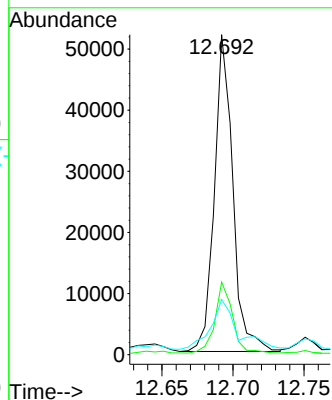
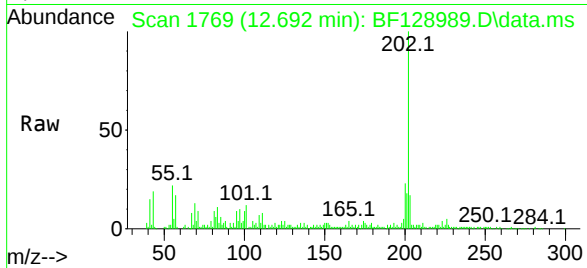




#78
Pyrene
Concen: 3.417 ng
RT: 12.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128989.D
Acq: 24 Jun 2022 15:02

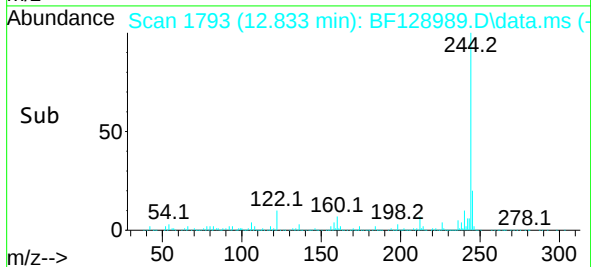
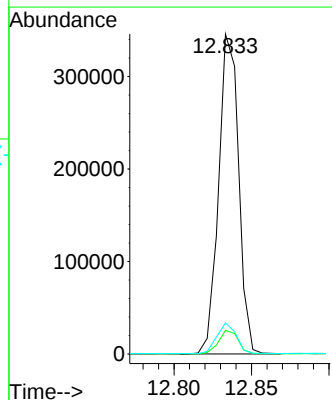
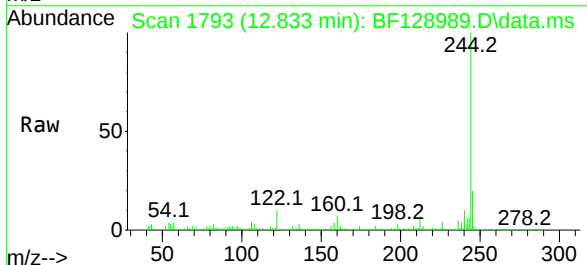
Instrument :
BNA_F
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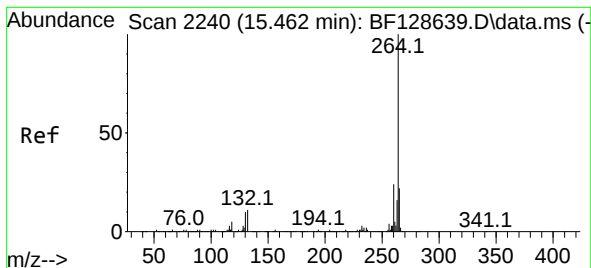
Tgt Ion:202 Resp: 46767
Ion Ratio Lower Upper
202 100
200 22.7 17.7 26.5
203 17.2 14.6 21.8



#79
Terphenyl-d14
Concen: 29.370 ng
RT: 12.833 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF128989.D
Acq: 24 Jun 2022 15:02

Tgt Ion:244 Resp: 310902
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 9.7 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.339 min Scan# 2149

Delta R.T. 0.012 min

Lab File: BF128989.D

Acq: 24 Jun 2022 15:02

Instrument :

BNA_F

ClientSampleId :

OH-CON-0621RE

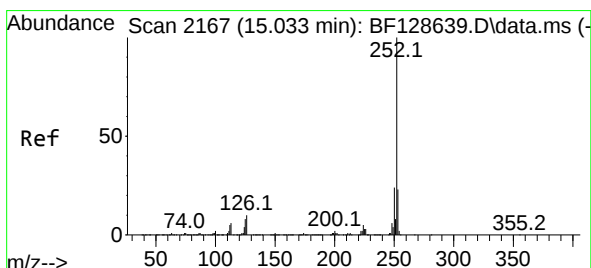
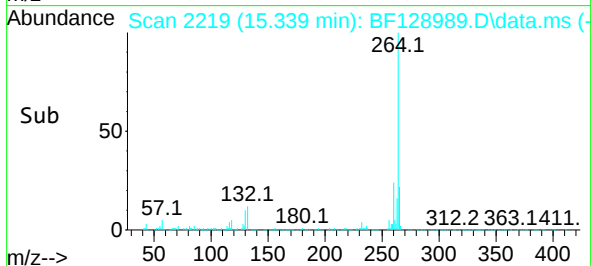
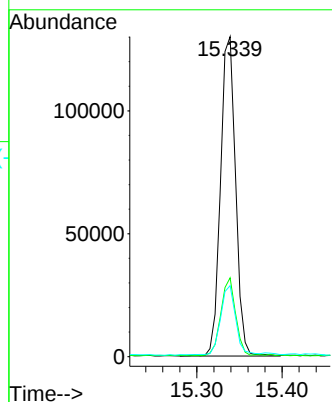
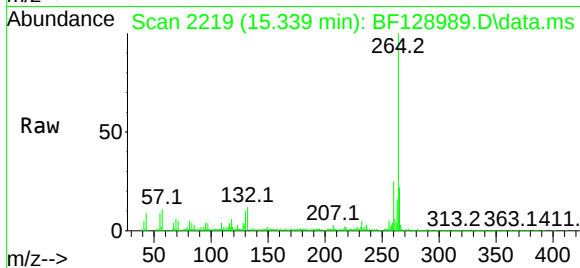
Tgt Ion:264 Resp: 159471

Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

265 22.2 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 4.286 ng

RT: 14.927 min Scan# 2149

Delta R.T. 0.006 min

Lab File: BF128989.D

Acq: 24 Jun 2022 15:02

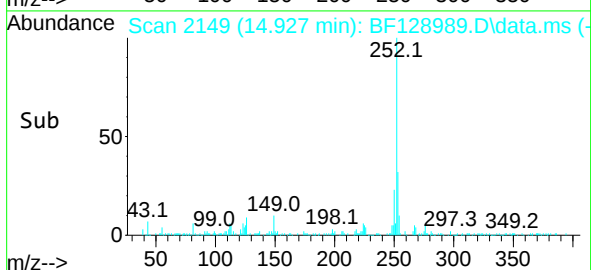
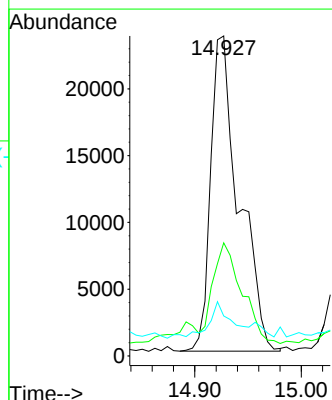
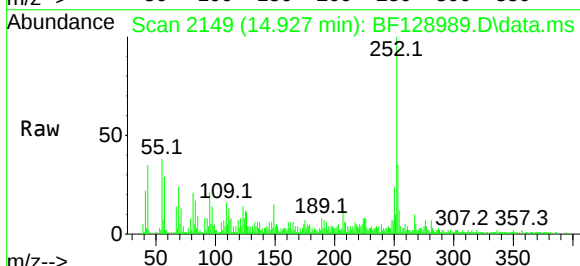
Tgt Ion:252 Resp: 43678

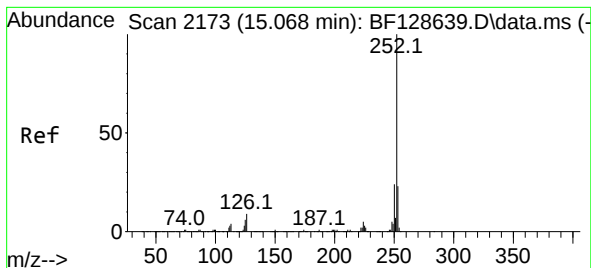
Ion Ratio Lower Upper

252 100

253 35.4 17.7 26.5#

125 12.5 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 4.557 ng

RT: 14.927 min Scan# 2173

Delta R.T. -0.024 min

Lab File: BF128989.D

Acq: 24 Jun 2022 15:02

Instrument :

BNA_F

ClientSampleId :

OH-CON-0621RE

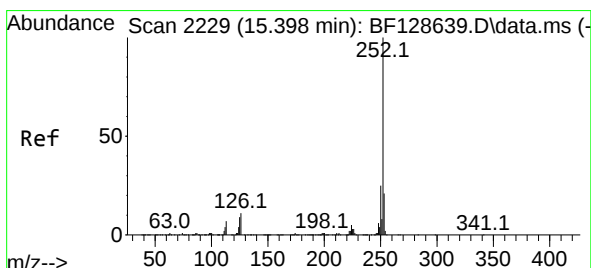
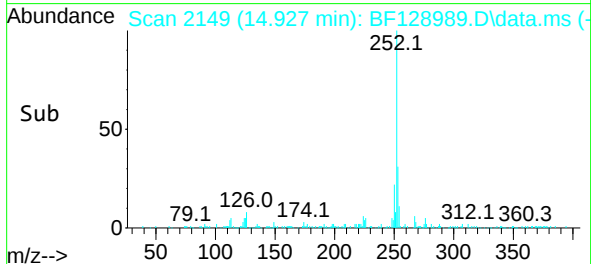
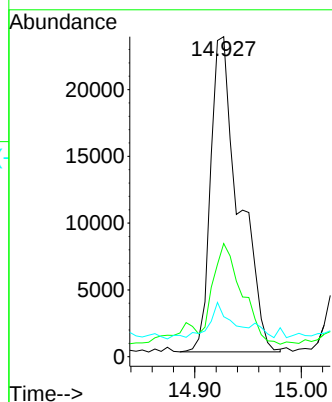
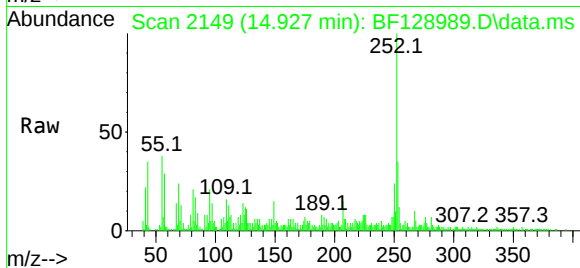
Tgt Ion:252 Resp: 43678

Ion Ratio Lower Upper

252 100

253 35.4 17.8 26.6#

125 12.5 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 2.776 ng

RT: 15.280 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF128989.D

Acq: 24 Jun 2022 15:02

Tgt Ion:252 Resp: 22234

Ion Ratio Lower Upper

252 100

253 27.1 17.0 25.6#

125 16.3 8.8 13.2#

