

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126556.D
 Acq On : 7 Jan 2022 21:39
 Operator : JU/CG
 Sample : N1070-03 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-010622

Quant Time: Jan 08 04:40:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

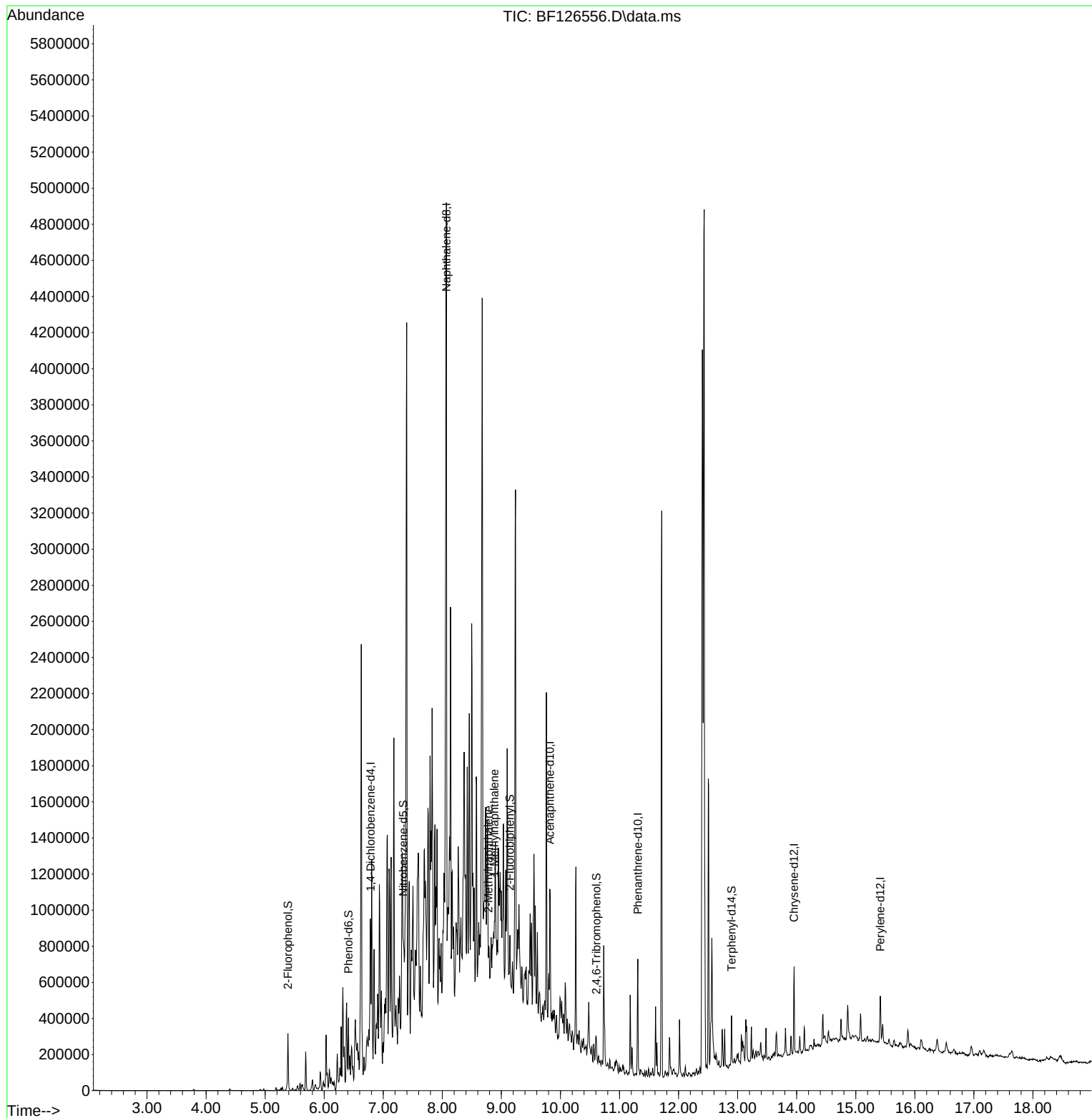
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	91668	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	222702	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	135224	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	216943	20.000	ng	0.00
76) Chrysene-d12	13.957	240	157984	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	116417	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	90015	14.102	ng	0.00
7) Phenol-d6	6.410	99	112600	13.619	ng	-0.01
23) Nitrobenzene-d5	7.339	82	83478	19.247	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	14266	13.652	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	92324	12.015	ng	0.00
79) Terphenyl-d14	12.898	244	78927	9.707	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.781	142	52705	8.500	ng	94
38) 1-Methylnaphthalene	8.881	142	31352	5.230	ng	98

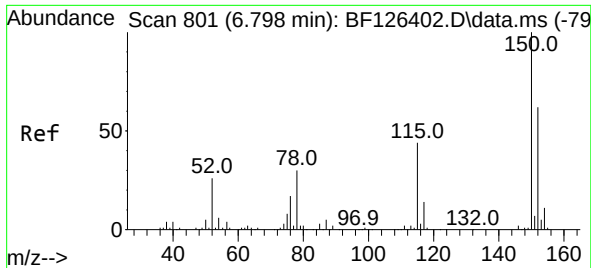
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

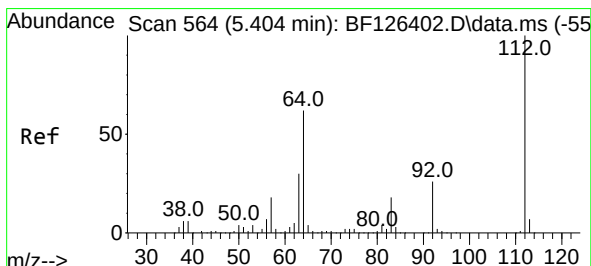
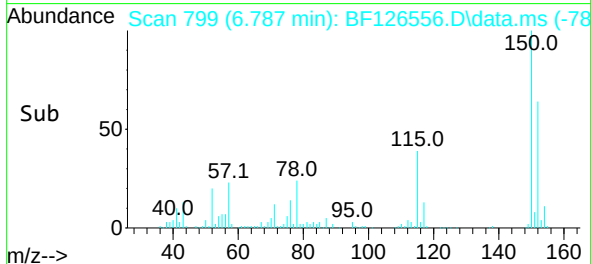
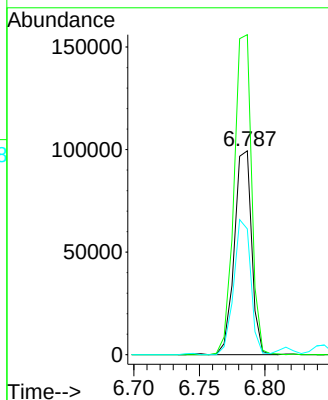
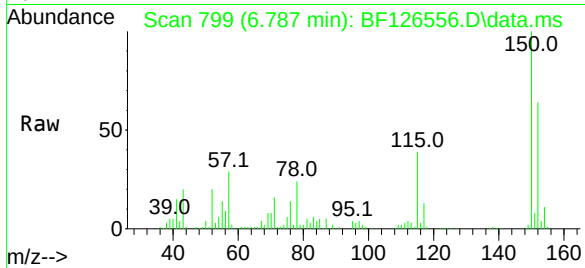




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BF126556.D
 Acq: 7 Jan 2022 21:39

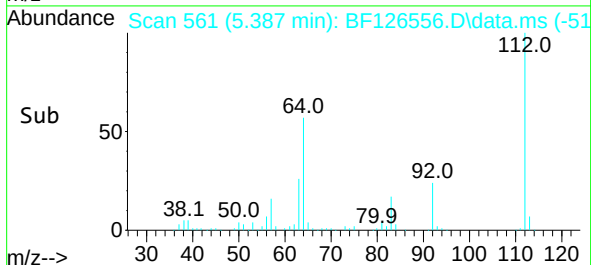
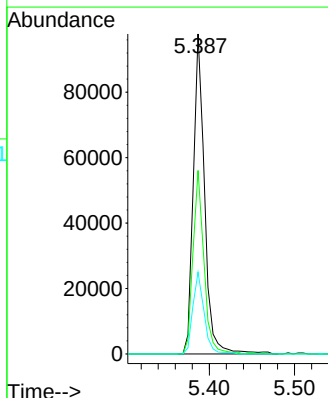
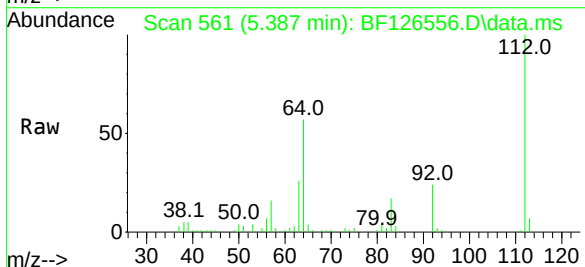
Instrument :
 BNA_F
 ClientSampleId :
 HR-03-010622

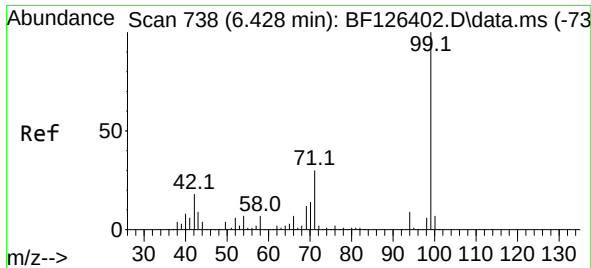
Tgt Ion:152 Resp: 91668
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.1 192.1
 115 61.7 56.7 85.1



#5
 2-Fluorophenol
 Concen: 14.102 ng
 RT: 5.387 min Scan# 561
 Delta R.T. -0.006 min
 Lab File: BF126556.D
 Acq: 7 Jan 2022 21:39

Tgt Ion:112 Resp: 90015
 Ion Ratio Lower Upper
 112 100
 64 57.3 49.5 74.3
 63 25.6 23.9 35.9

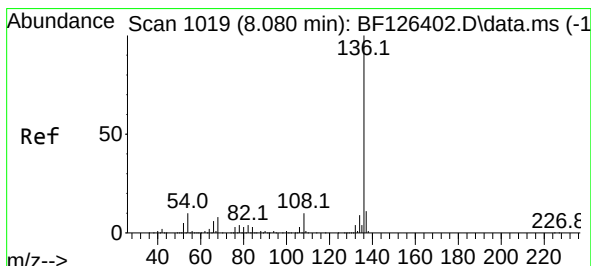
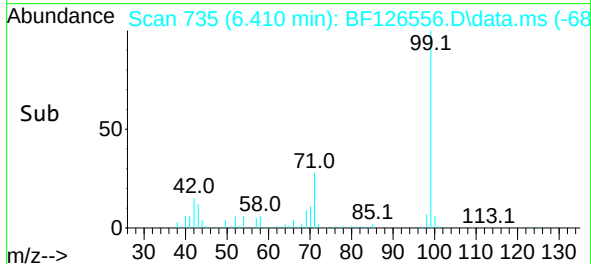
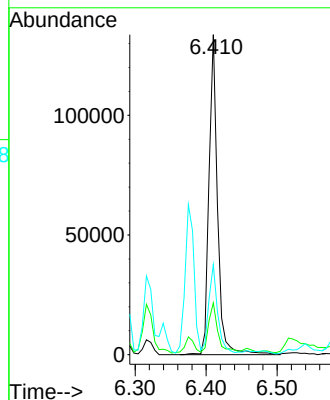
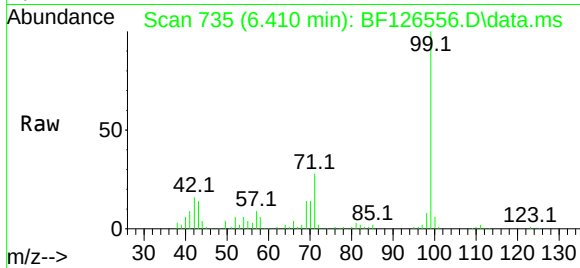




#7
Phenol-d6
Concen: 13.619 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126556.D
Acq: 7 Jan 2022 21:39

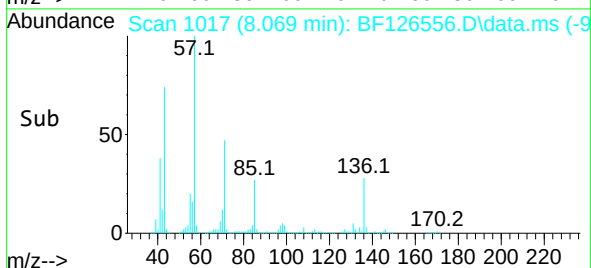
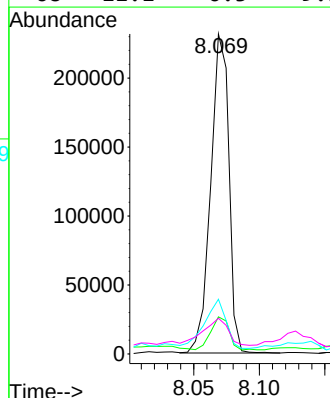
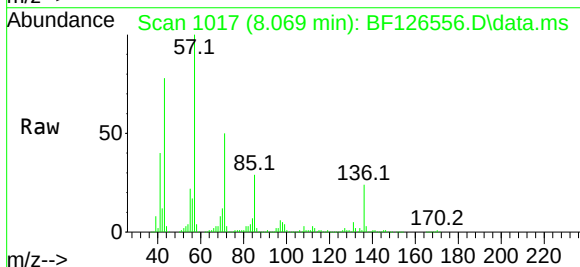
Instrument :
BNA_F
ClientSampleId :
HR-03-010622

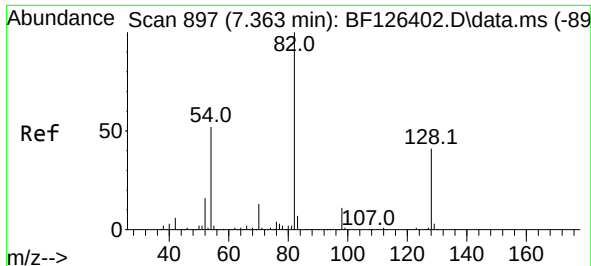
Tgt Ion: 99 Resp: 112600
Ion Ratio Lower Upper
99 100
42 16.2 14.2 21.4
71 28.2 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF126556.D
Acq: 7 Jan 2022 21:39

Tgt Ion:136 Resp: 222702
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 17.1 7.8 11.6#
68 11.1 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 19.247 ng

RT: 7.339 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF126556.D

Acq: 7 Jan 2022 21:39

Instrument :

BNA_F

ClientSampleId :

HR-03-010622

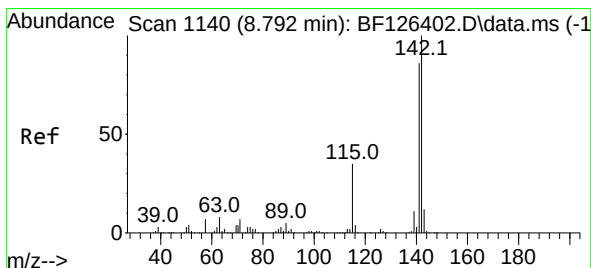
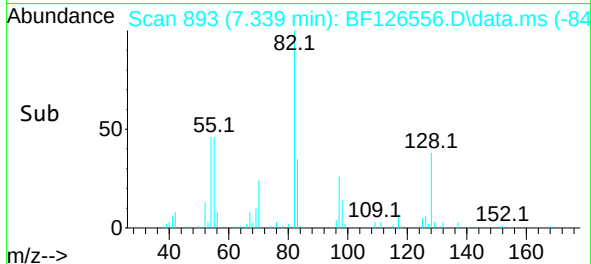
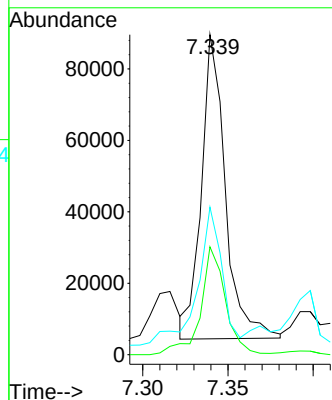
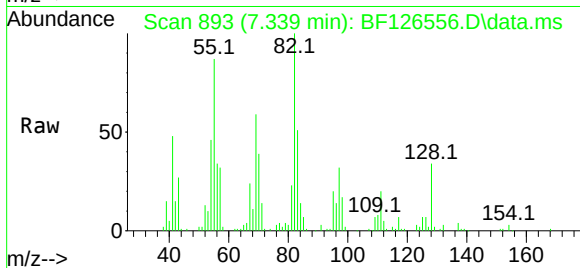
Tgt Ion: 82 Resp: 83478

Ion Ratio Lower Upper

82 100

128 33.7 32.7 49.1

54 46.1 41.7 62.5



#37

2-Methylnaphthalene

Concen: 8.500 ng

RT: 8.781 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF126556.D

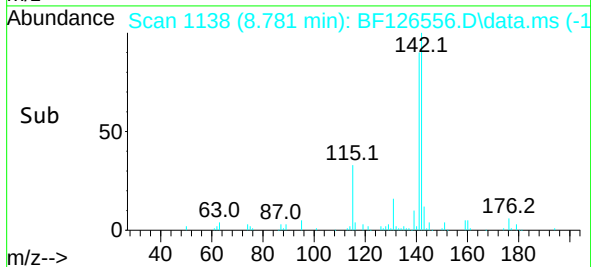
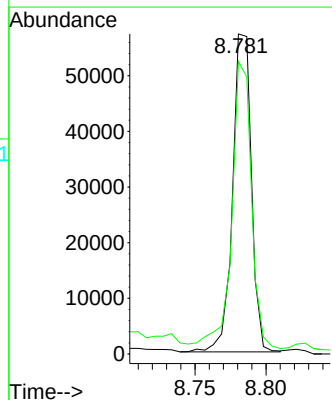
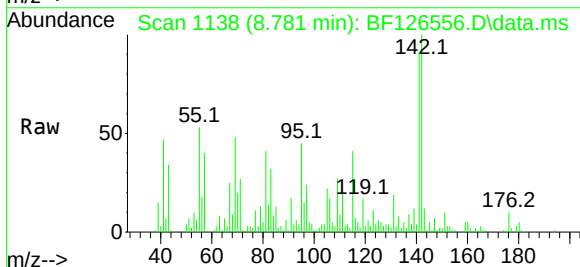
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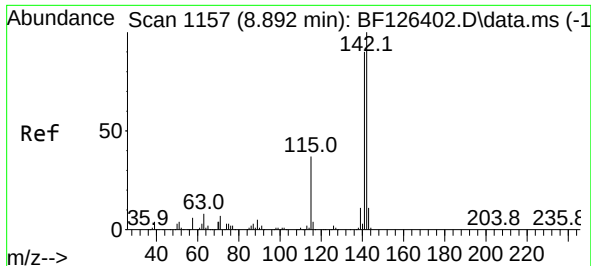
Tgt Ion: 142 Resp: 52705

Ion Ratio Lower Upper

142 100

141 91.3 68.6 102.8

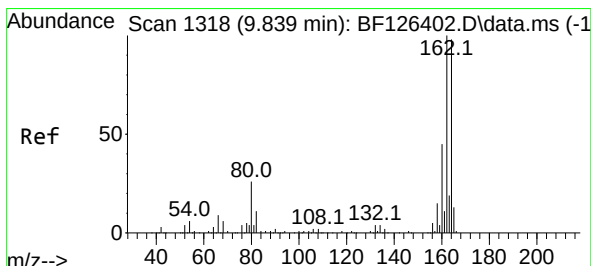
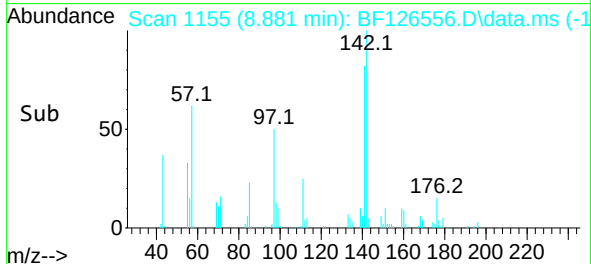
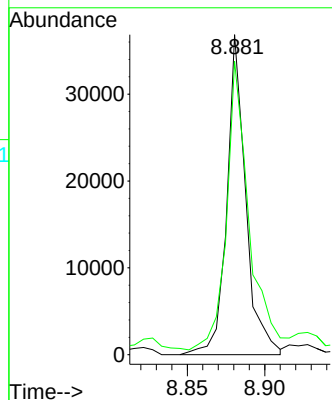
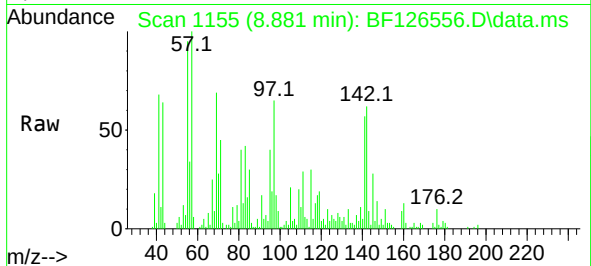




#38
1-Methylnaphthalene
Concen: 5.230 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF126556.D
Acq: 7 Jan 2022 21:39

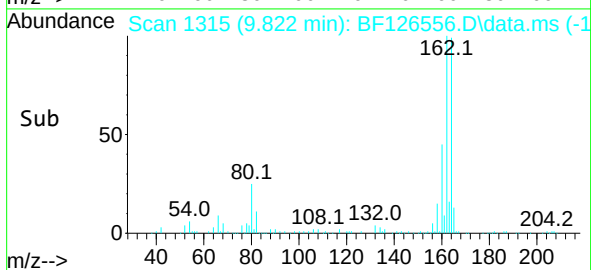
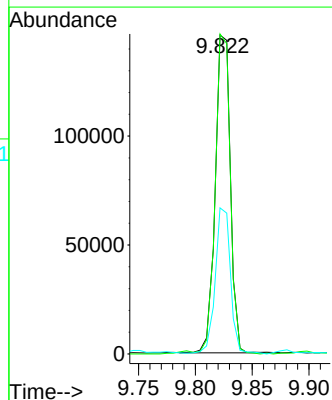
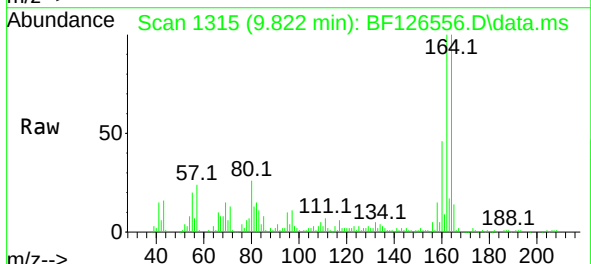
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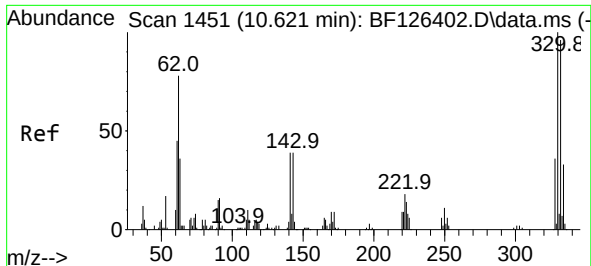
Tgt Ion:142 Resp: 31352
Ion Ratio Lower Upper
142 100
141 91.7 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126556.D
Acq: 7 Jan 2022 21:39

Tgt Ion:164 Resp: 135224
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 13.652 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126556.D

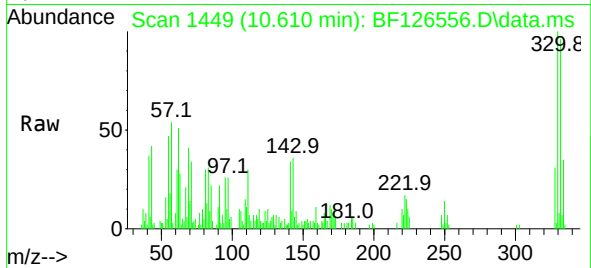
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Instrument :

BNA_F

ClientSampleId :

HR-03-010622



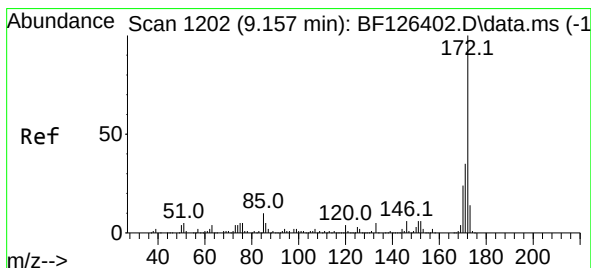
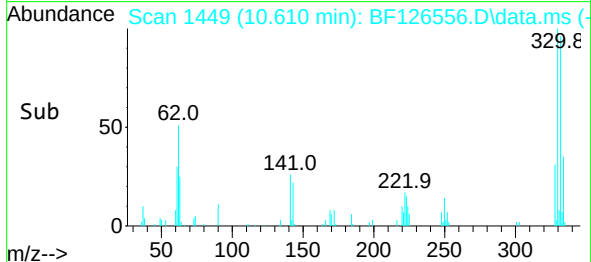
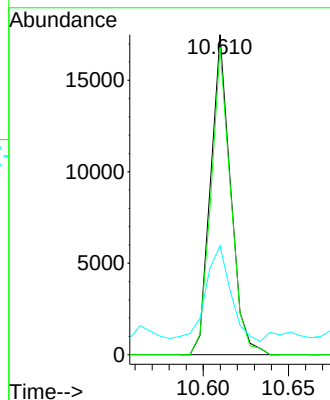
Tgt Ion:330 Resp: 14266

Ion Ratio Lower Upper

330 100

332 94.9 76.0 114.0

141 37.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 12.015 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126556.D

Acq: 7 Jan 2022 21:39

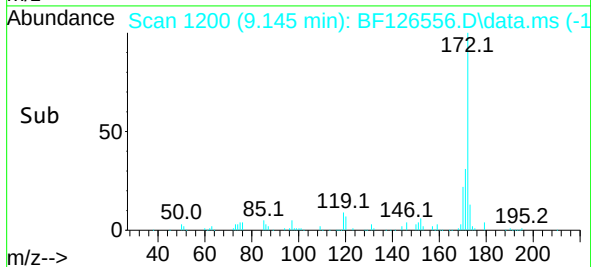
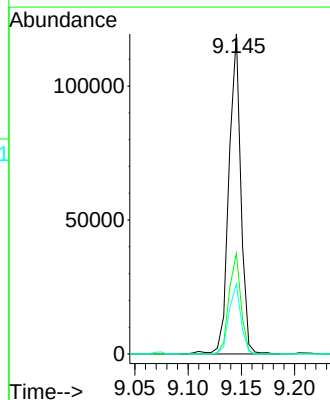
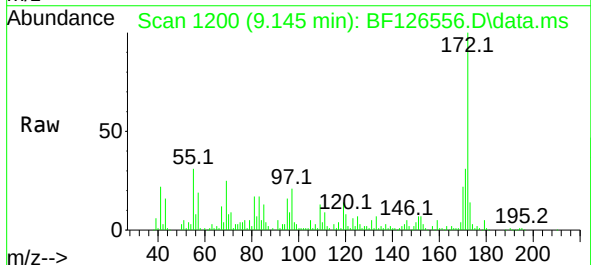
Tgt Ion:172 Resp: 92324

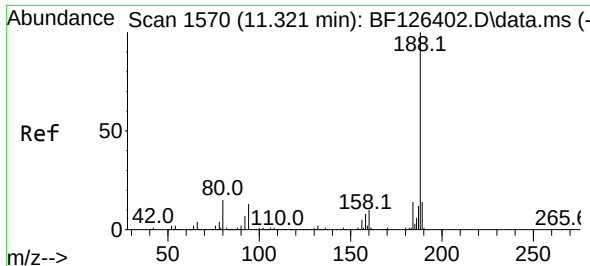
Ion Ratio Lower Upper

172 100

171 31.5 28.3 42.5

170 21.8 19.0 28.6

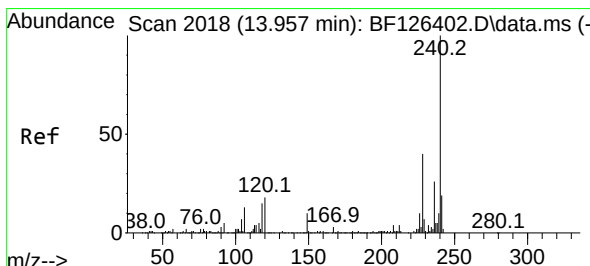
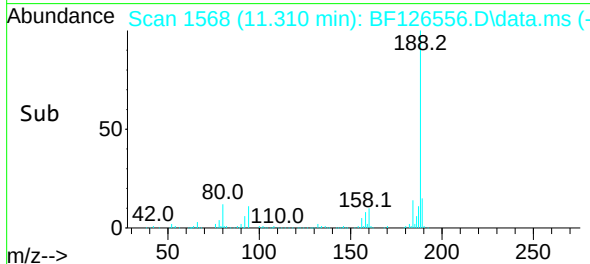
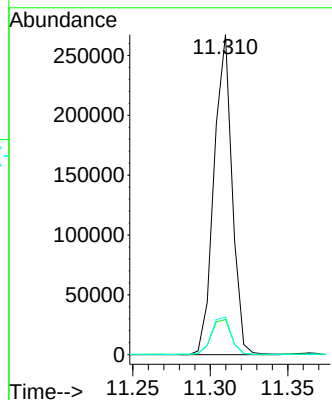
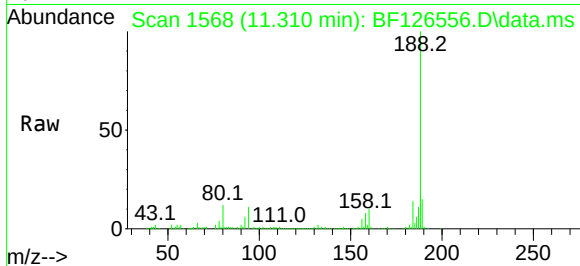




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126556.D
Acq: 7 Jan 2022 21:39

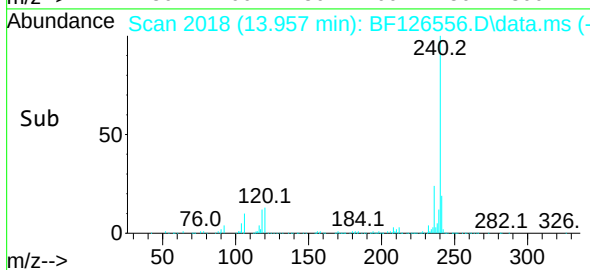
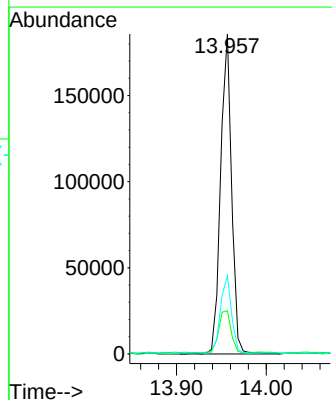
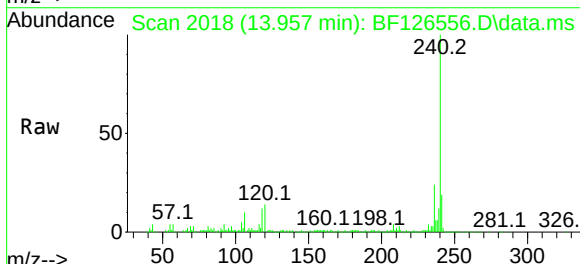
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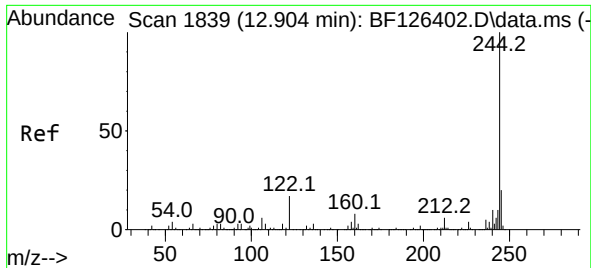
Tgt Ion:188 Resp: 216943
Ion Ratio Lower Upper
188 100
94 11.0 10.1 15.1
80 11.8 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF126556.D
Acq: 7 Jan 2022 21:39

Tgt Ion:240 Resp: 157984
Ion Ratio Lower Upper
240 100
120 13.5 14.4 21.6#
236 24.4 20.5 30.7

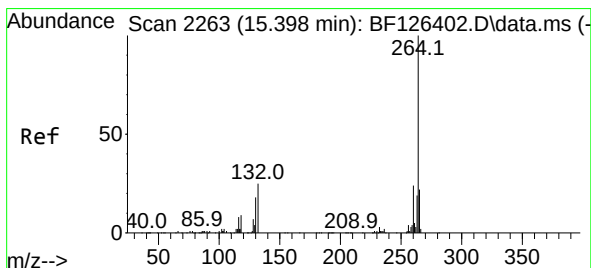
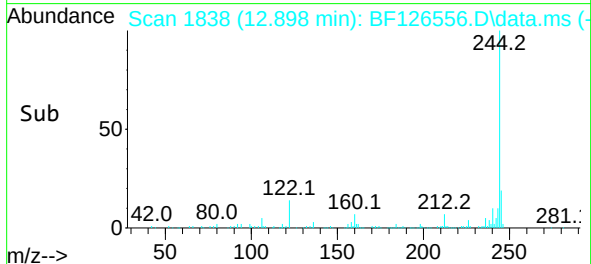
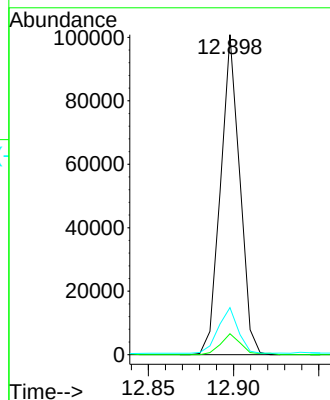
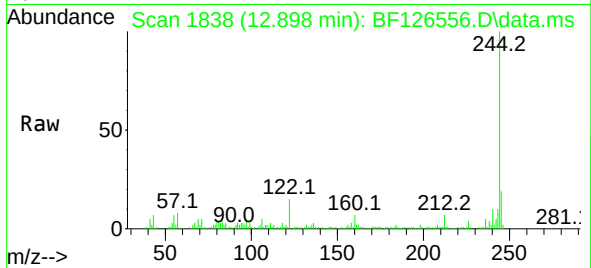




#79
 Terphenyl-d14
 Concen: 9.707 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF126556.D
 Acq: 7 Jan 2022 21:39

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-010622

Tgt Ion:244 Resp: 78927
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 14.7 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.029 min
 Lab File: BF126556.D
 Acq: 7 Jan 2022 21:39

Tgt Ion:264 Resp: 116417
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.9 17.4 26.2

