

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126544.D
 Acq On : 7 Jan 2022 16:21
 Operator : JU/CG
 Sample : N1065-34
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMI-9

Quant Time: Jan 08 04:38:31 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	6.775	152	106490	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	453360	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	219293	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	370494	20.000	ng	0.00
76) Chrysene-d12	13.951	240	276289	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	226951	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	691149	93.204	ng	0.00
7) Phenol-d6	6.410	99	887513	92.406	ng	-0.01
23) Nitrobenzene-d5	7.339	82	570369	64.598	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	199465	117.708	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	822327	65.988	ng	-0.01
79) Terphenyl-d14	12.898	244	766927	53.932	ng	0.00

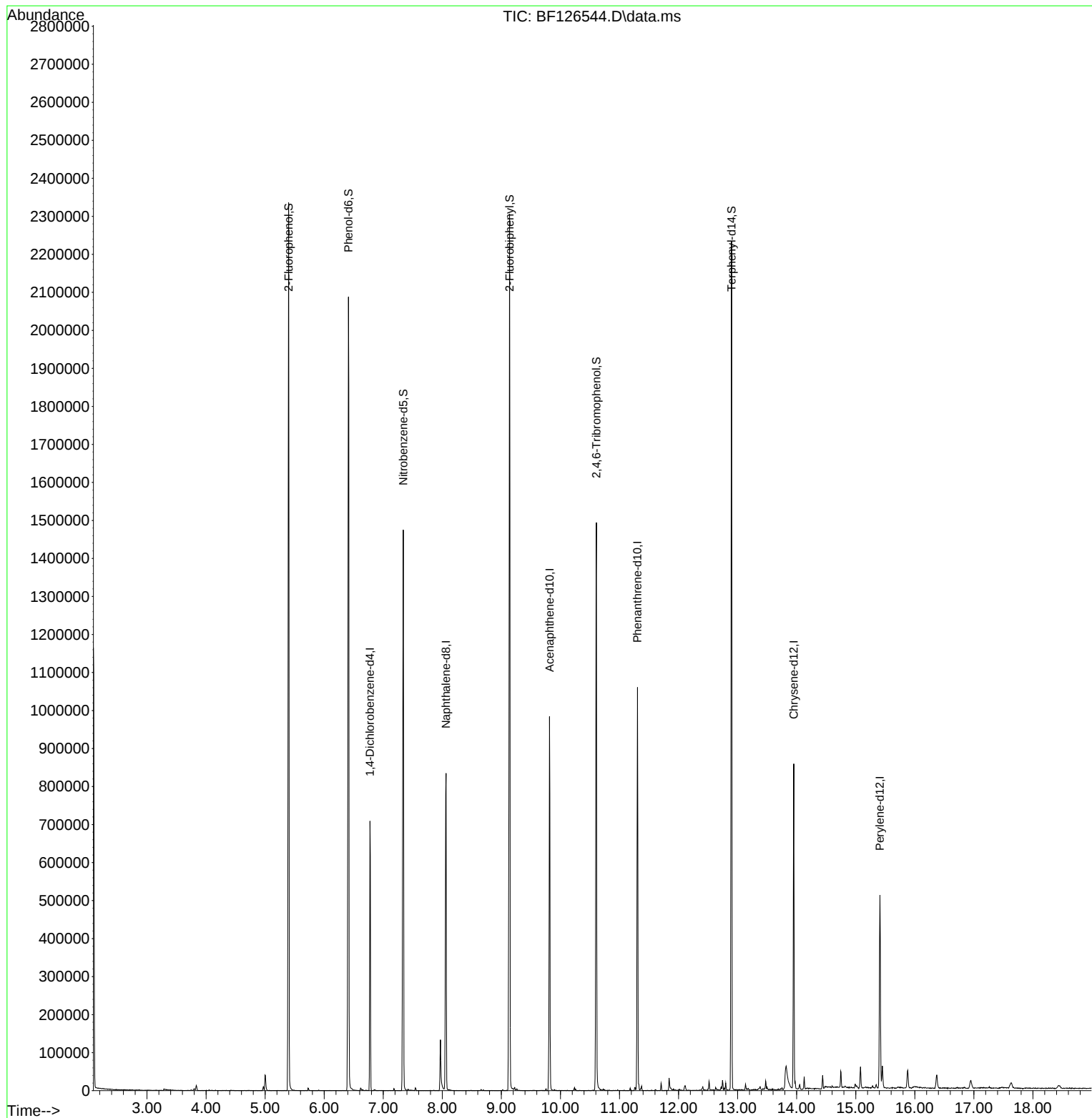
Target Compounds	Qvalue

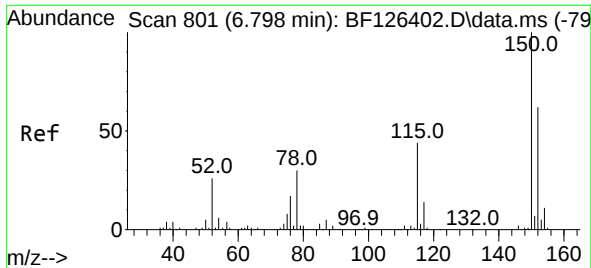
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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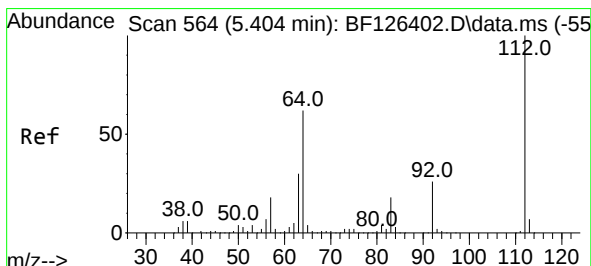
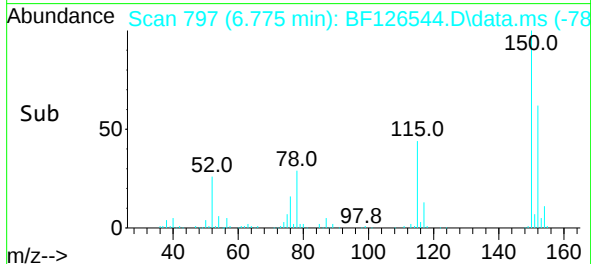
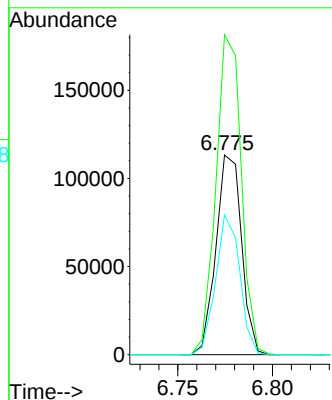
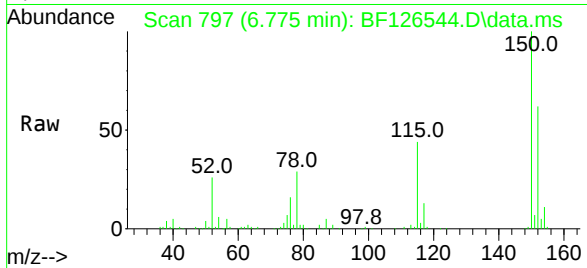




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

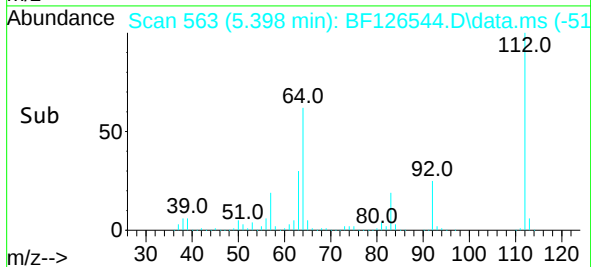
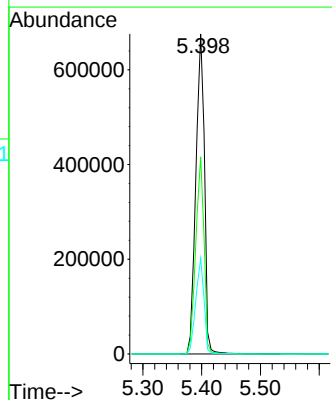
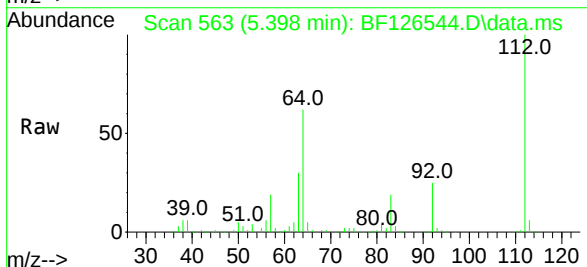
Instrument :
BNA_F
ClientSampleId :
AMI-9

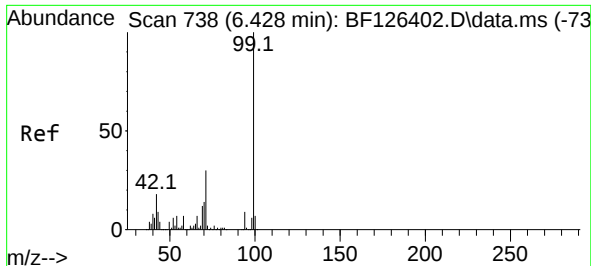
Tgt Ion:152 Resp: 106490
Ion Ratio Lower Upper
152 100
150 160.2 128.1 192.1
115 69.9 56.7 85.1



#5
2-Fluorophenol
Concen: 93.204 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

Tgt Ion:112 Resp: 691149
Ion Ratio Lower Upper
112 100
64 61.6 49.5 74.3
63 29.9 23.9 35.9





#7

Phenol-d6

Concen: 92.406 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF126544.D

Acq: 7 Jan 2022 16:21

Instrument :

BNA_F

ClientSampleId :

AMI-9

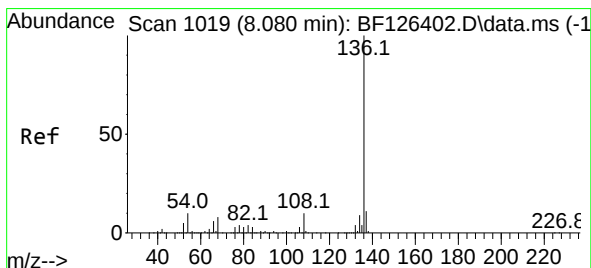
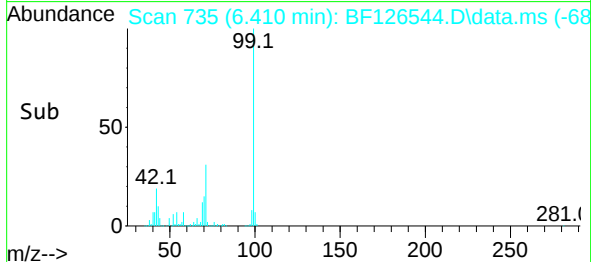
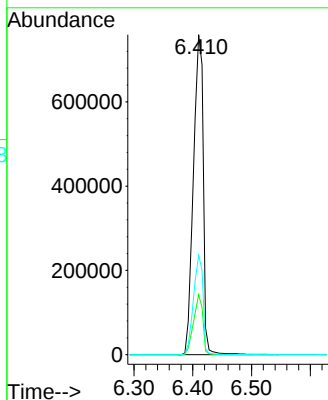
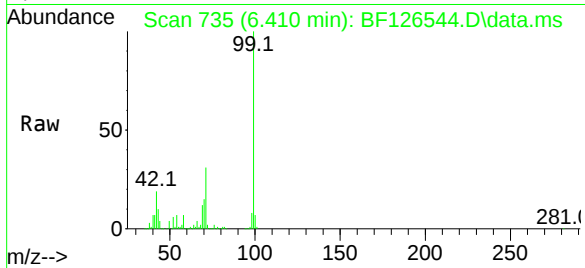
Tgt Ion: 99 Resp: 887513

Ion Ratio Lower Upper

99 100

42 18.8 14.2 21.4

71 31.1 24.3 36.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF126544.D

Acq: 7 Jan 2022 16:21

Tgt Ion:136 Resp: 453360

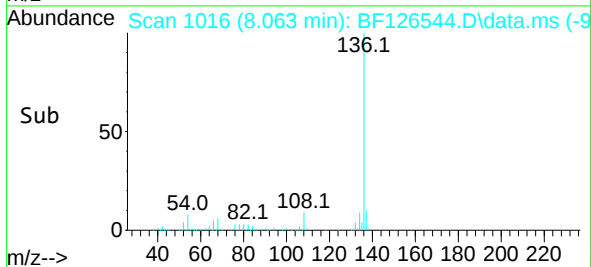
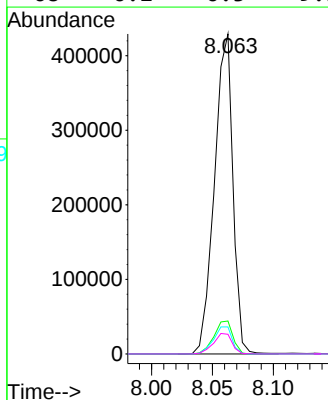
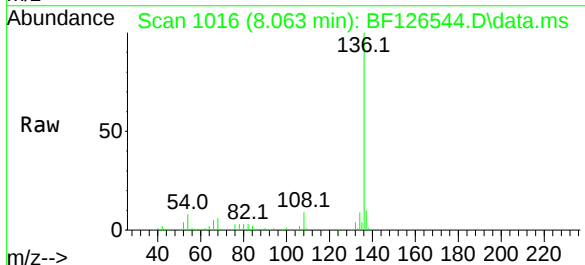
Ion Ratio Lower Upper

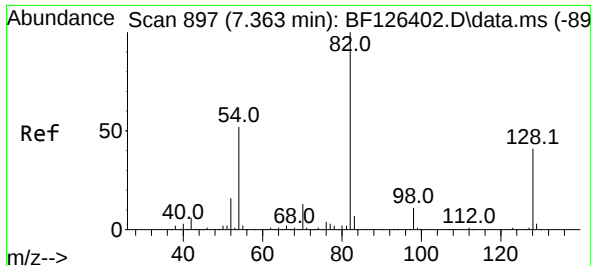
136 100

137 10.3 8.6 13.0

54 8.5 7.8 11.6

68 6.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 64.598 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF126544.D

Acq: 7 Jan 2022 16:21

Instrument :

BNA_F

ClientSampleId :

AMI-9

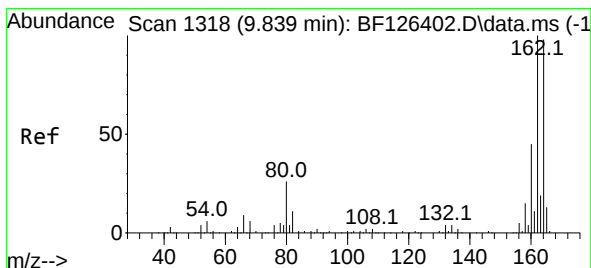
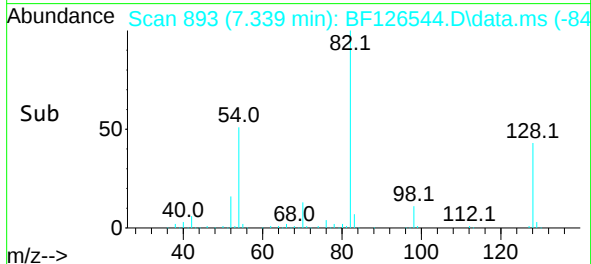
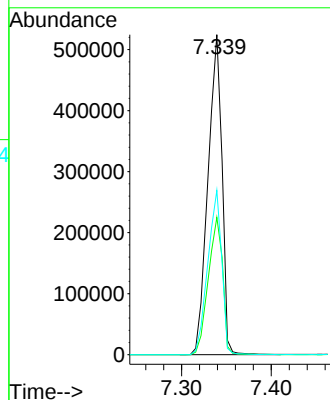
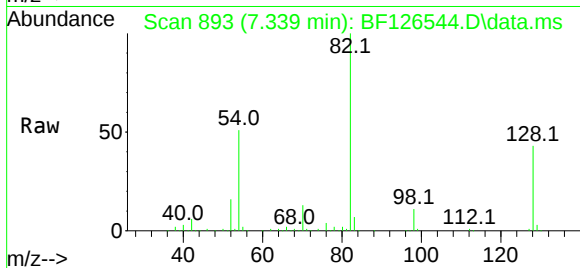
Tgt Ion: 82 Resp: 570369

Ion Ratio Lower Upper

82 100

128 42.9 32.7 49.1

54 51.3 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF126544.D

Acq: 7 Jan 2022 16:21

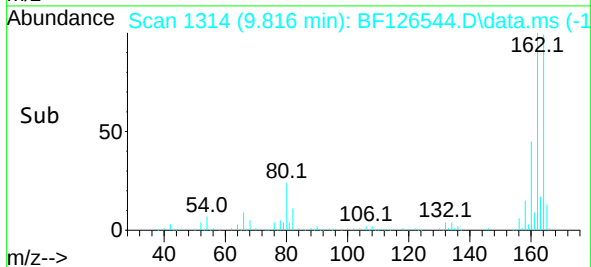
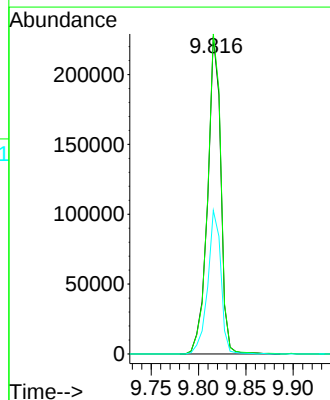
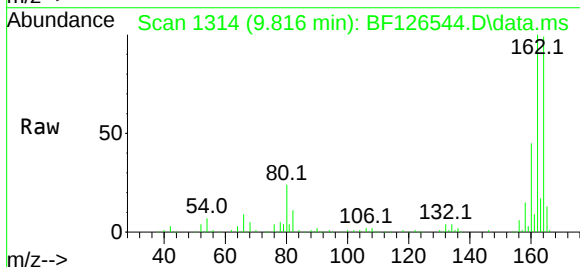
Tgt Ion:164 Resp: 219293

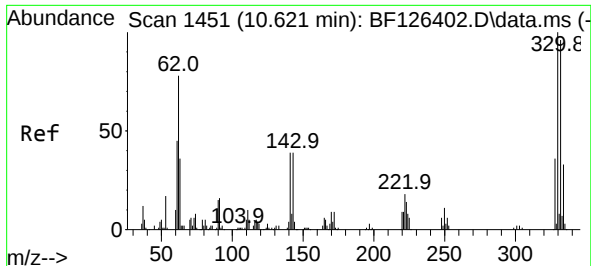
Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

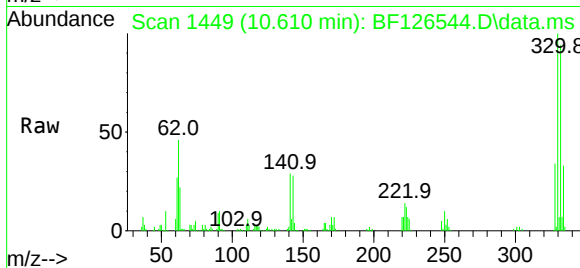
160 45.2 36.6 54.8



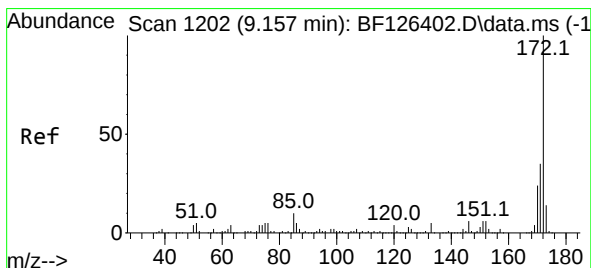
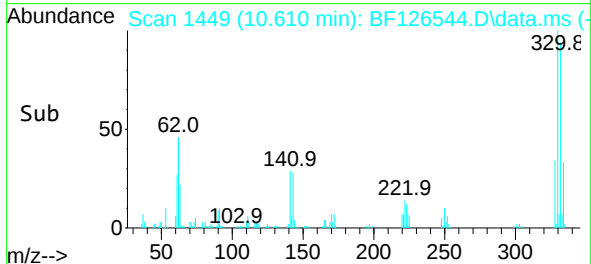
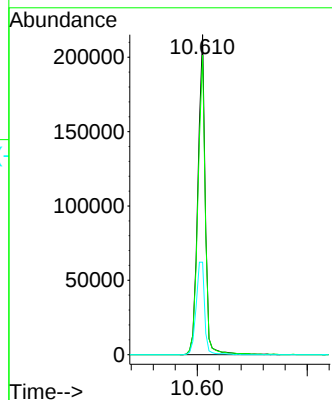


#42
2,4,6-Tribromophenol
Concen: 117.708 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

Instrument :
BNA_F
ClientSampleId :
AMI-9

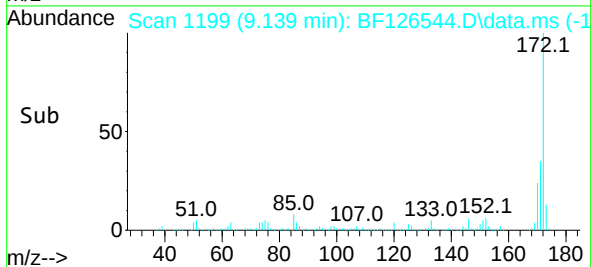
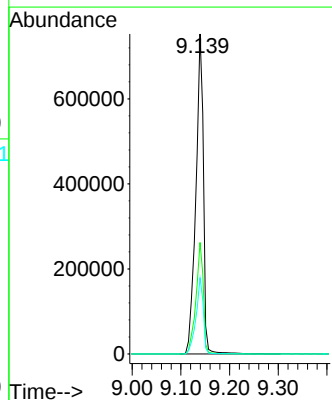
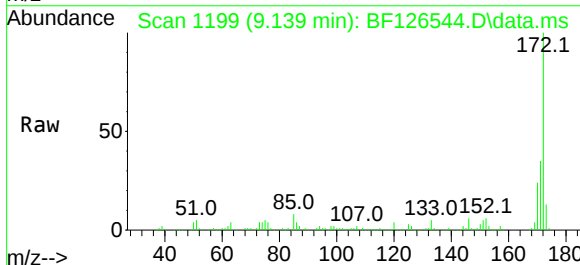


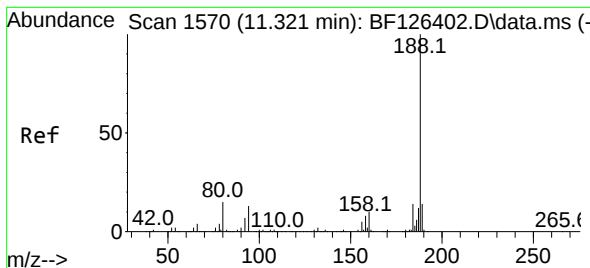
Tgt Ion:330 Resp: 199465
Ion Ratio Lower Upper
330 100
332 94.2 76.0 114.0
141 33.5 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 65.988 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126544.D
Acq: 7 Jan 2022 16:21

Tgt Ion:172 Resp: 822327
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126544.D

Acq: 7 Jan 2022 16:21

Instrument :

BNA_F

ClientSampleId :

AMI-9

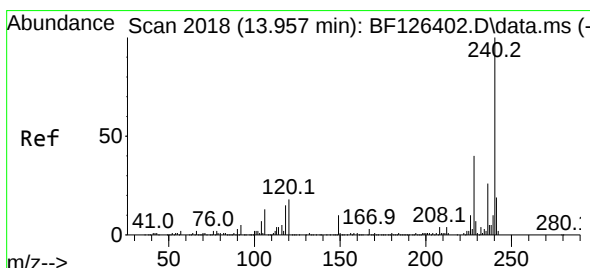
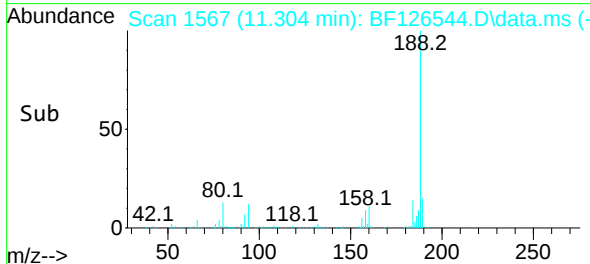
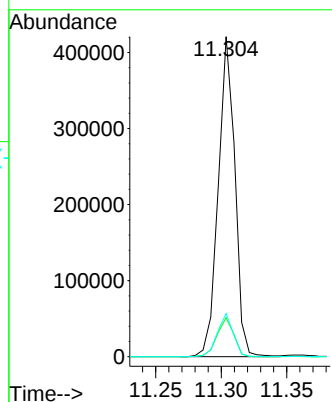
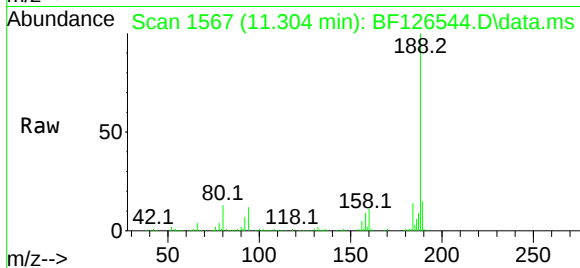
Tgt Ion:188 Resp: 370494

Ion Ratio Lower Upper

188 100

94 12.2 10.1 15.1

80 13.5 11.8 17.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF126544.D

Acq: 7 Jan 2022 16:21

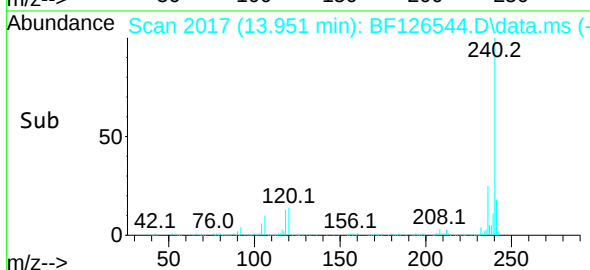
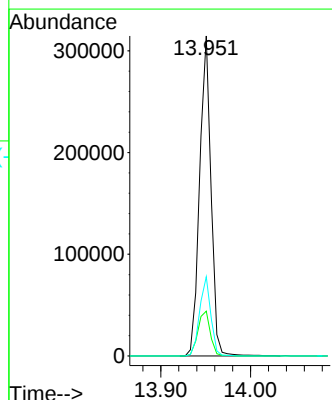
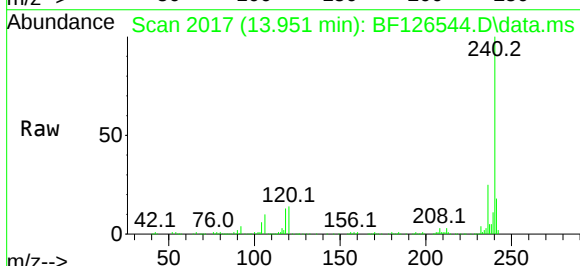
Tgt Ion:240 Resp: 276289

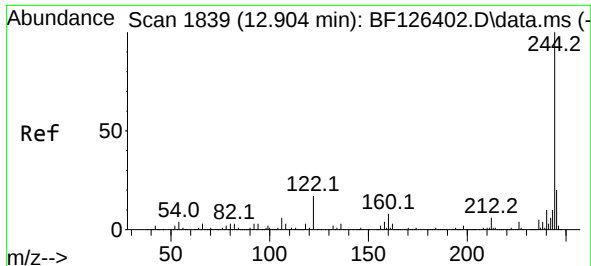
Ion Ratio Lower Upper

240 100

120 14.0 14.4 21.6#

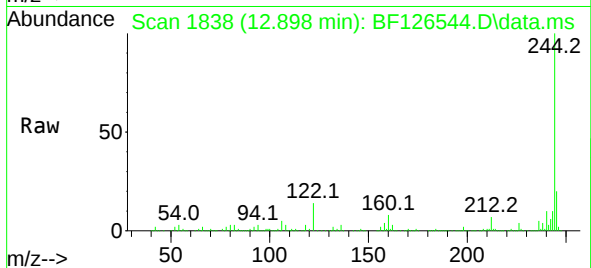
236 24.8 20.5 30.7



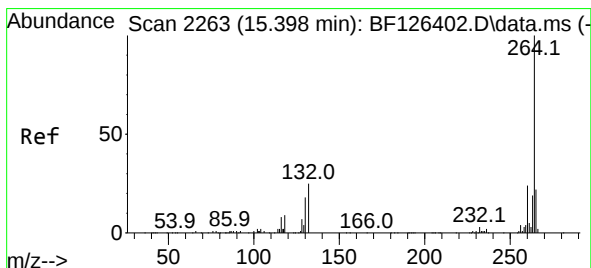
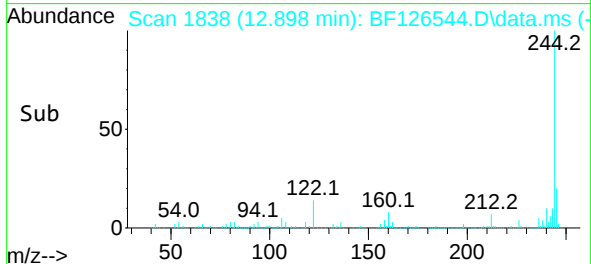
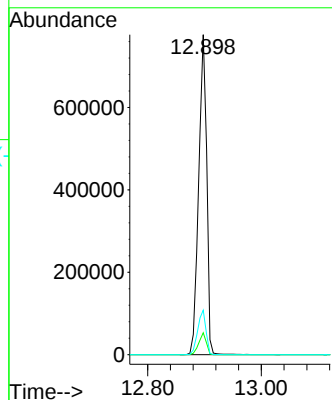


#79
 Terphenyl-d14
 Concen: 53.932 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: BF126544.D
 Acq: 7 Jan 2022 16:21

Instrument :
 BNA_F
 ClientSampleId :
 AMI-9



Tgt Ion:244 Resp: 766927
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 13.9 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.023 min
 Lab File: BF126544.D
 Acq: 7 Jan 2022 16:21

Tgt Ion:264 Resp: 226951
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 20.9 17.4 26.2

