

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116452.D
 Acq On : 21 Aug 2019 1:21
 Operator : HP/JU
 Sample : K4096-04 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-081919

Quant Time: Aug 21 07:07:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	80092	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	335536	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	182327	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	346182	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	275050	20.00	ng	-0.01
87) Perylene-d12	15.42	264	256447	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	74546	15.58	ng	0.04
7) Phenol-d6	6.47	99	117316	19.44	ng	0.01
23) Nitrobenzene-d5	7.39	82	68477	11.78	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	28986	16.40	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	141911	14.58	ng	-0.01
79) Terphenyl-d14	12.90	244	182802	14.00	ng	-0.02

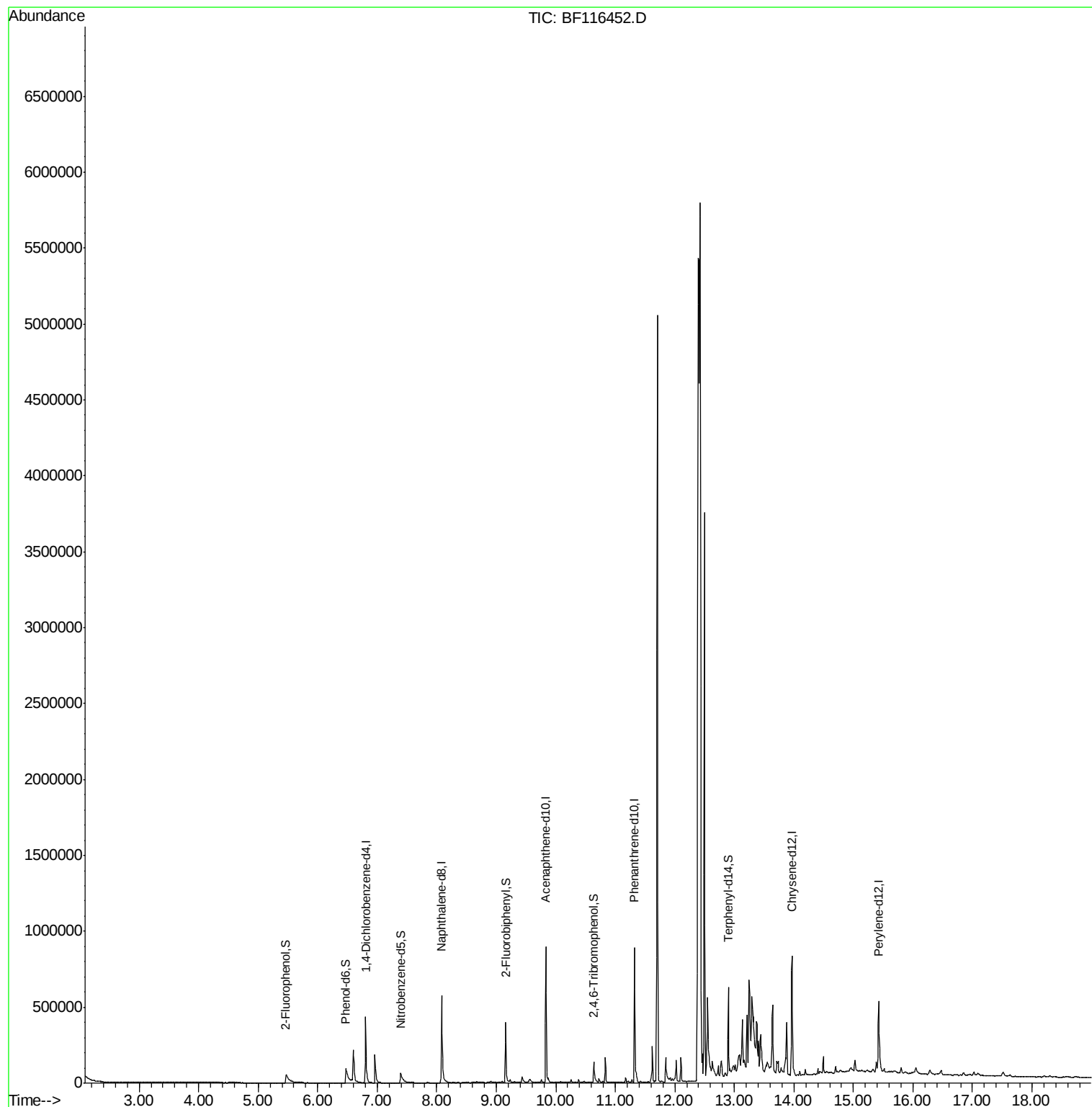
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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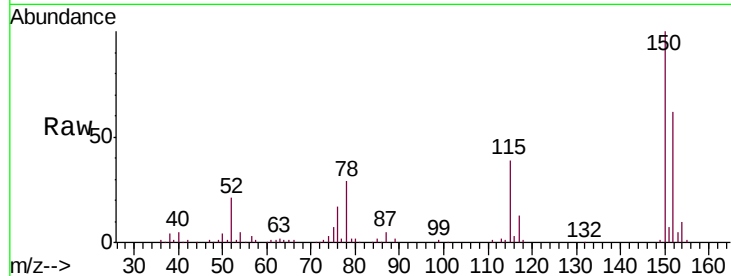


#1

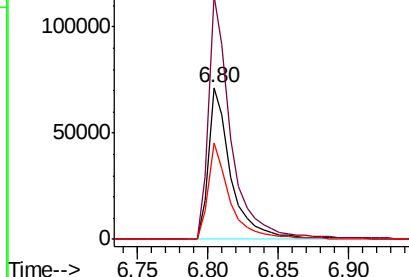
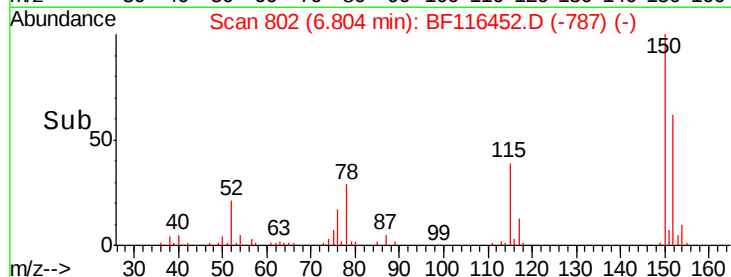
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Instrument :
BNA_F
ClientSampleId :
TR-05-081919

Tot Ion:152 Resp: 80092
Ion Ratio Lower Upper
152 100
150 160.7 126.2 189.2
115 63.5 49.9 74.9



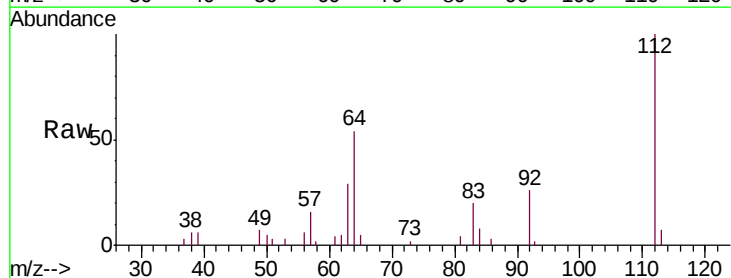
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



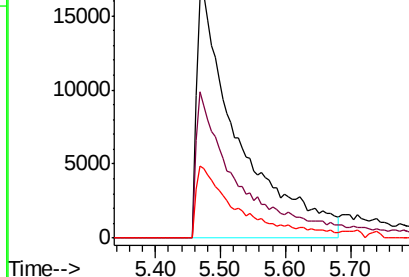
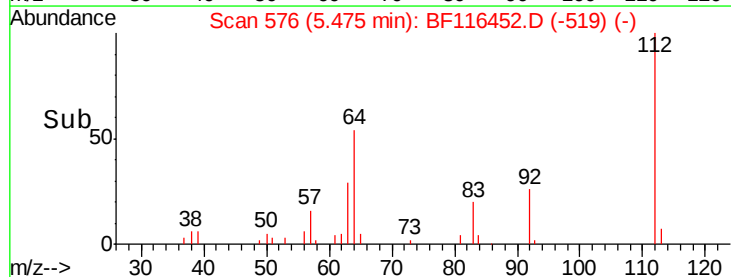
#5

2-Fluorophenol
Concen: 15.581 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.04 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Tgt Ion:112 Resp: 74546
Ion Ratio Lower Upper
112 100
64 54.2 45.4 68.2
63 28.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 19.435 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF116452.D

Acq: 21 Aug 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TR-05-081919

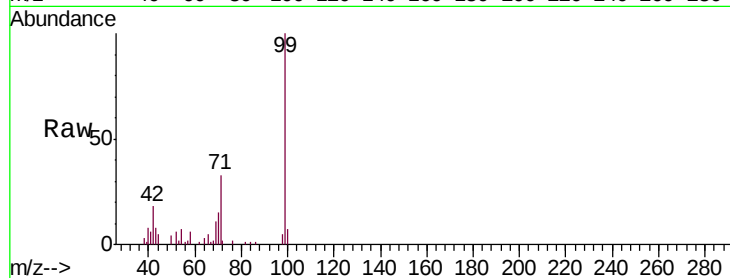
Tot Ion: 99 Resp: 117316

Ion Ratio Lower Upper

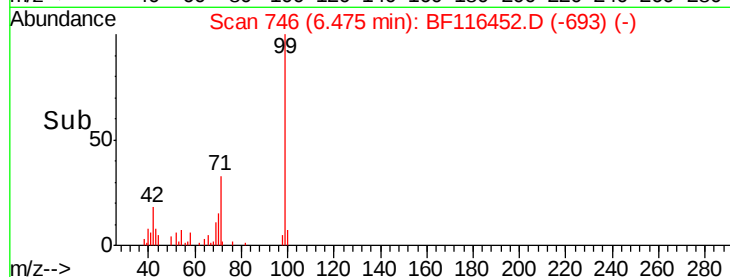
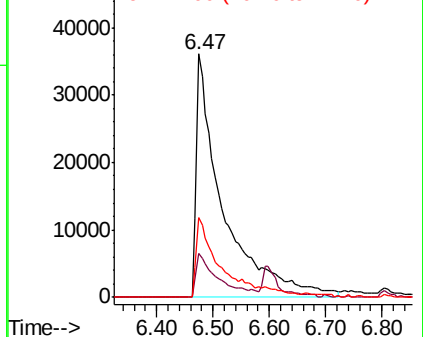
99 100

42 17.9 13.8 20.8

71 32.8 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116452.D

Acq: 21 Aug 2019 1:21

Tgt Ion: 136 Resp: 335536

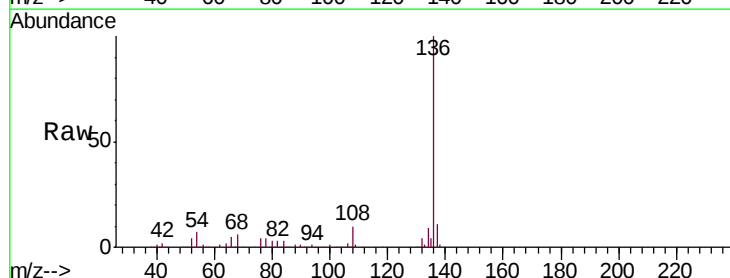
Ion Ratio Lower Upper

136 100

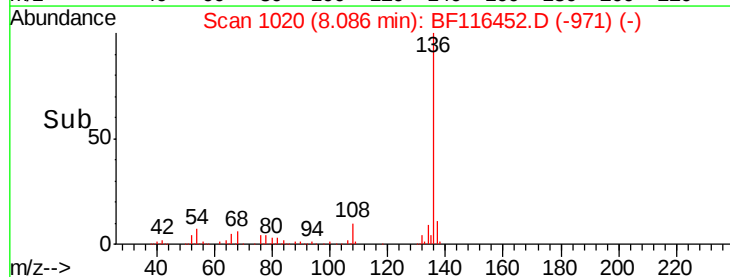
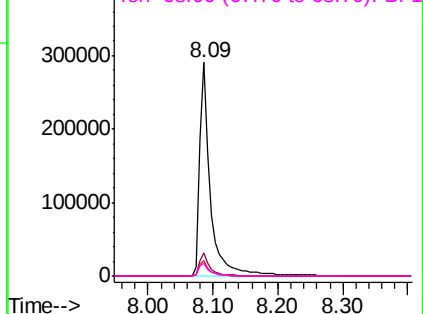
137 10.7 9.0 13.4

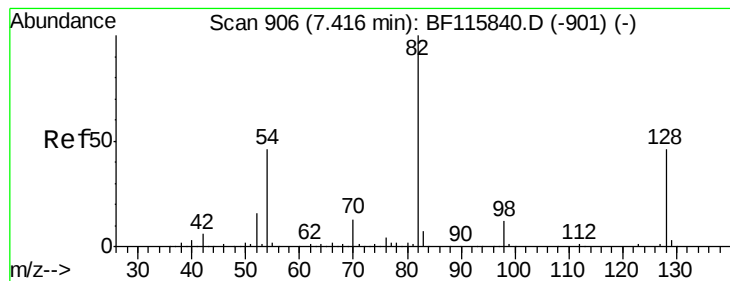
54 7.2 5.8 8.6

68 6.1 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 11.780 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF116452.D

Acq: 21 Aug 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TR-05-081919

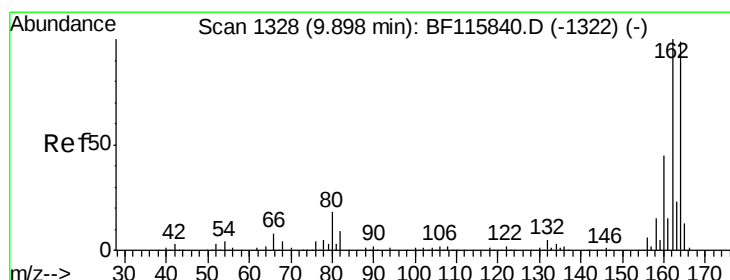
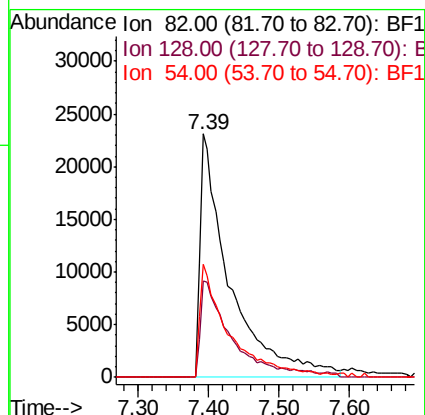
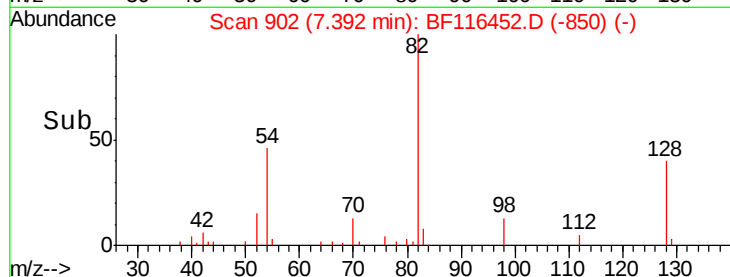
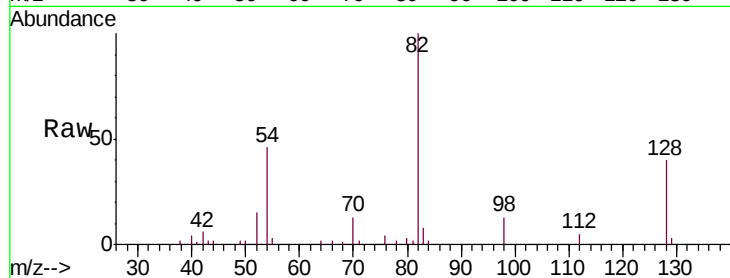
Tot Ion: 82 Resp: 68477

Ion Ratio Lower Upper

82 100

128 39.5 36.5 54.7

54 46.4 36.0 54.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116452.D

Acq: 21 Aug 2019 1:21

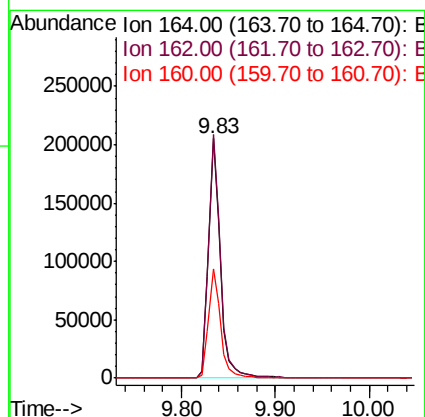
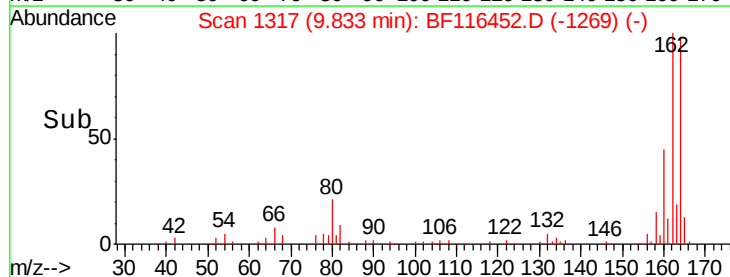
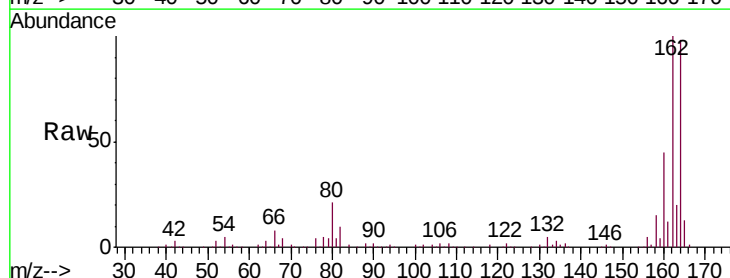
Tgt Ion:164 Resp: 182327

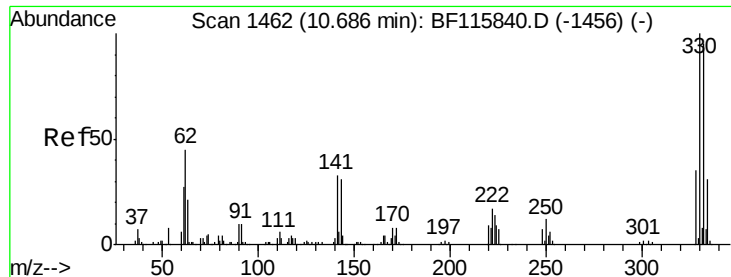
Ion Ratio Lower Upper

164 100

162 101.8 82.6 124.0

160 45.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 16.397 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF116452.D

Acq: 21 Aug 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TR-05-081919

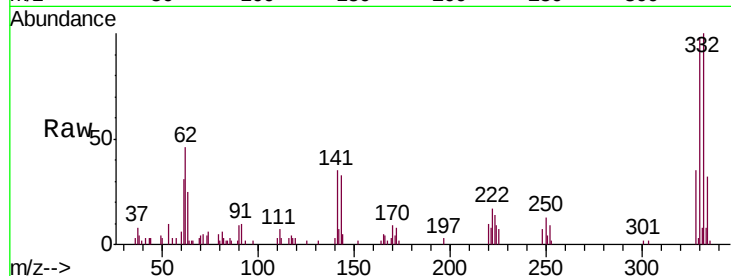
Tot Ion:330 Resp: 28986

Ion Ratio Lower Upper

330 100

332 98.1 76.8 115.2

141 37.2 26.3 39.5

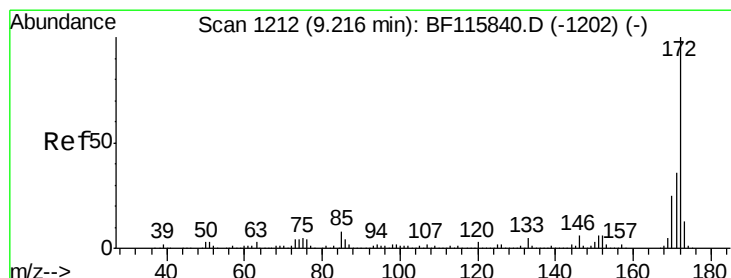
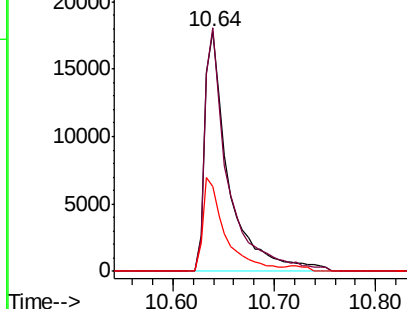
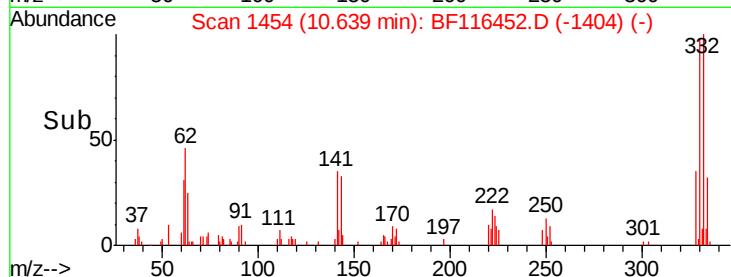


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 14.579 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116452.D

Acq: 21 Aug 2019 1:21

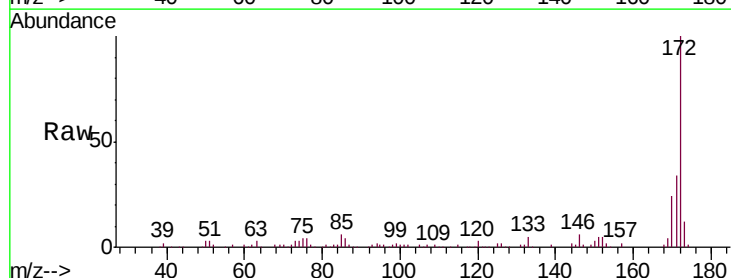
Tgt Ion:172 Resp: 141911

Ion Ratio Lower Upper

172 100

171 34.2 29.6 44.4

170 23.6 20.1 30.1

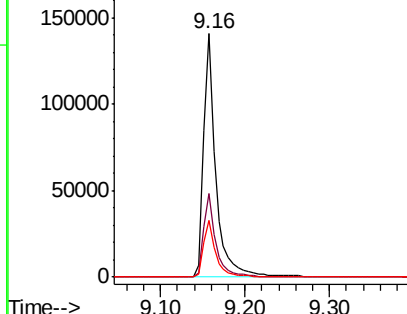
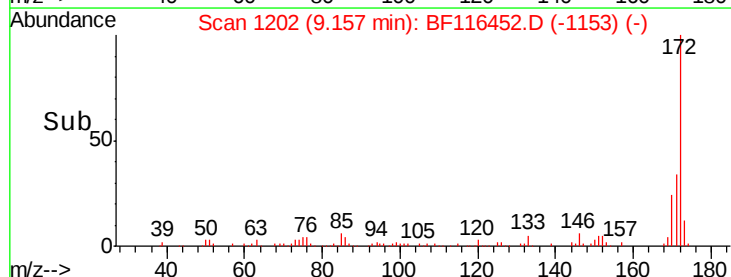


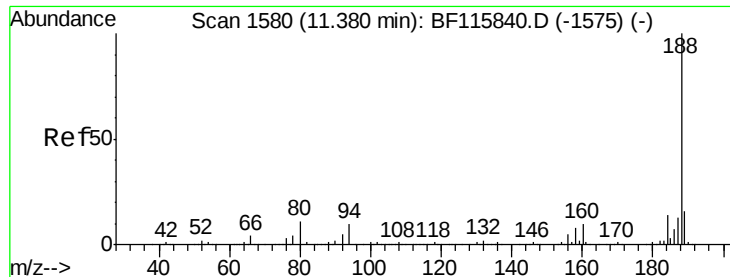
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

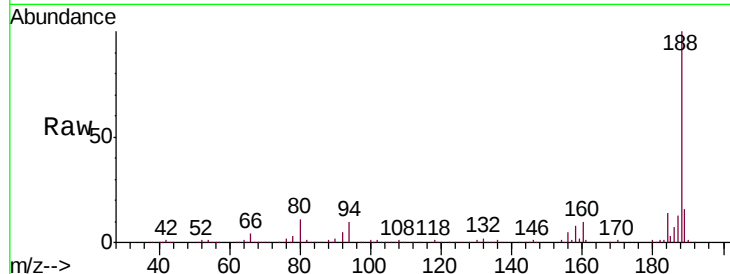




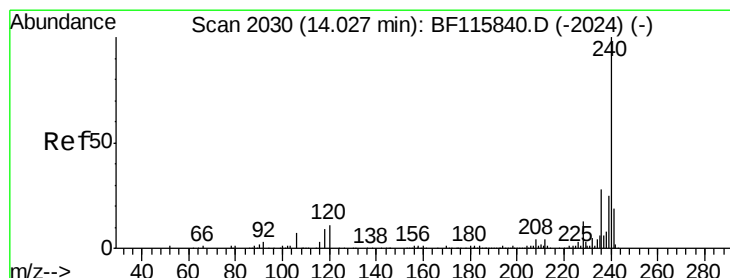
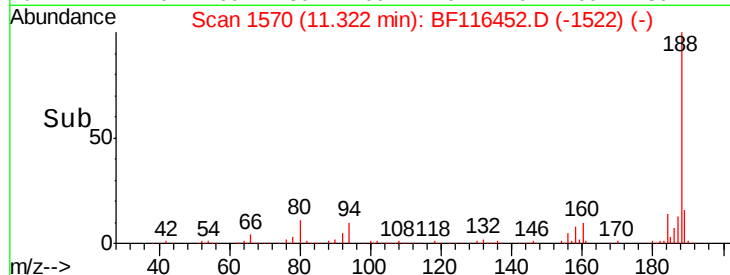
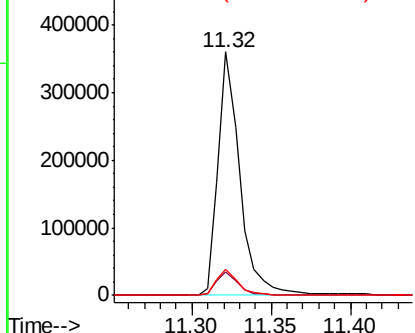
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Instrument :
BNA_F
ClientSampleId :
TR-05-081919

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.7	8.7	13.1

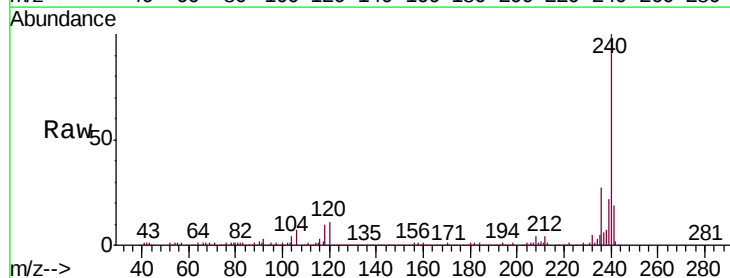


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

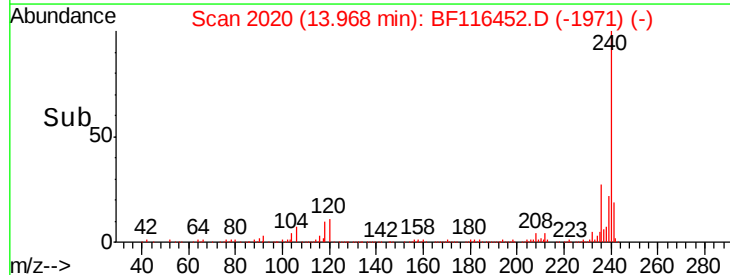
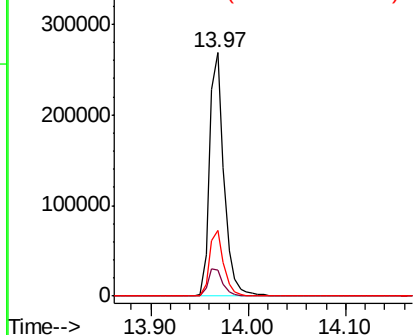


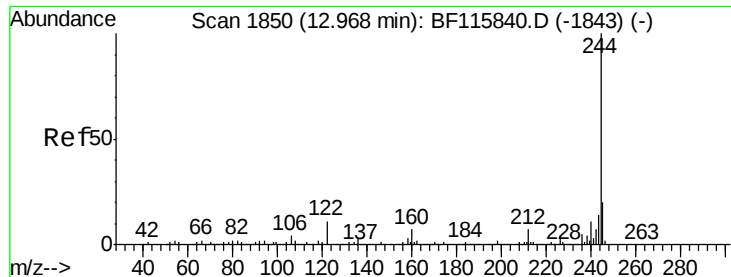
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116452.D
Acq: 21 Aug 2019 1:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.7	16.1
236	27.1	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 14.005 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116452.D

Acq: 21 Aug 2019 1:21

Instrument :

BNA_F

ClientSampleId :

TR-05-081919

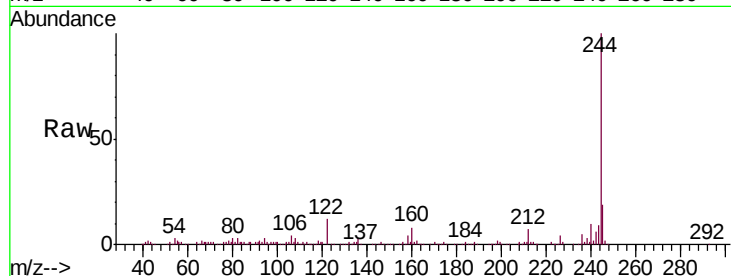
Tot Ion:244 Resp: 182802

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

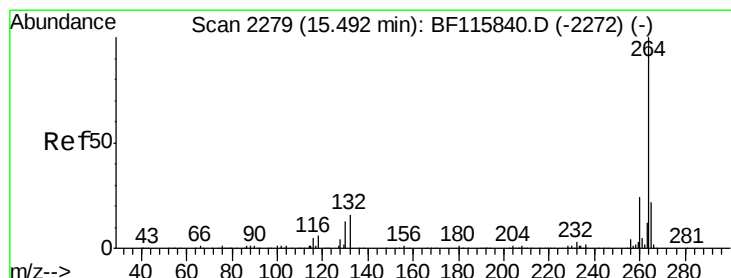
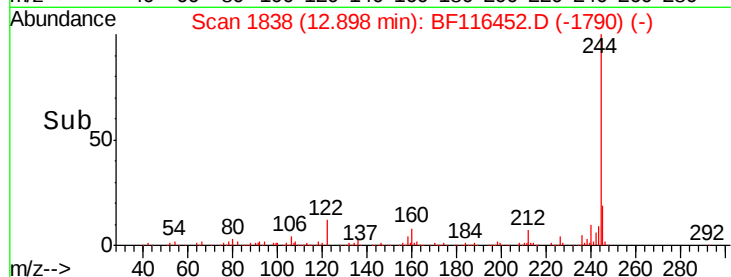
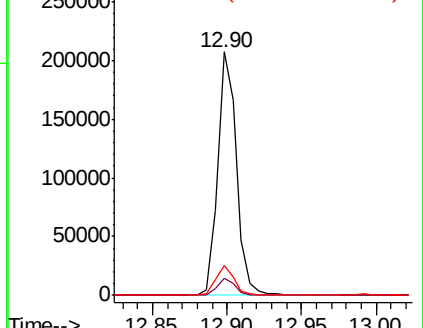
122 12.2 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116452.D

Acq: 21 Aug 2019 1:21

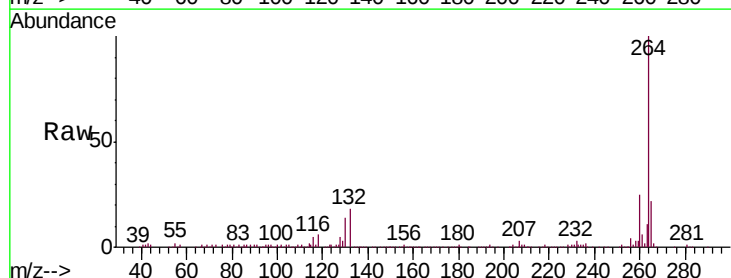
Tgt Ion:264 Resp: 256447

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 22.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

