

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116592.D
 Acq On : 27 Aug 2019 19:39
 Operator : HP/JU
 Sample : K4506-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP

Quant Time: Aug 28 07:37:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	62246	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	329325	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	158192	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	290663	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	200773	20.00	ng	-0.01
87) Perylene-d12	15.49	264	221567	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	528292	124.01	ng	0.00
7) Phenol-d6	6.50	99	542615	103.88	ng	0.00
23) Nitrobenzene-d5	7.43	82	448203	74.46	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	227614	167.57	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	967452	98.49	ng	-0.01
79) Terphenyl-d14	12.97	244	1254619	116.72	ng	0.00

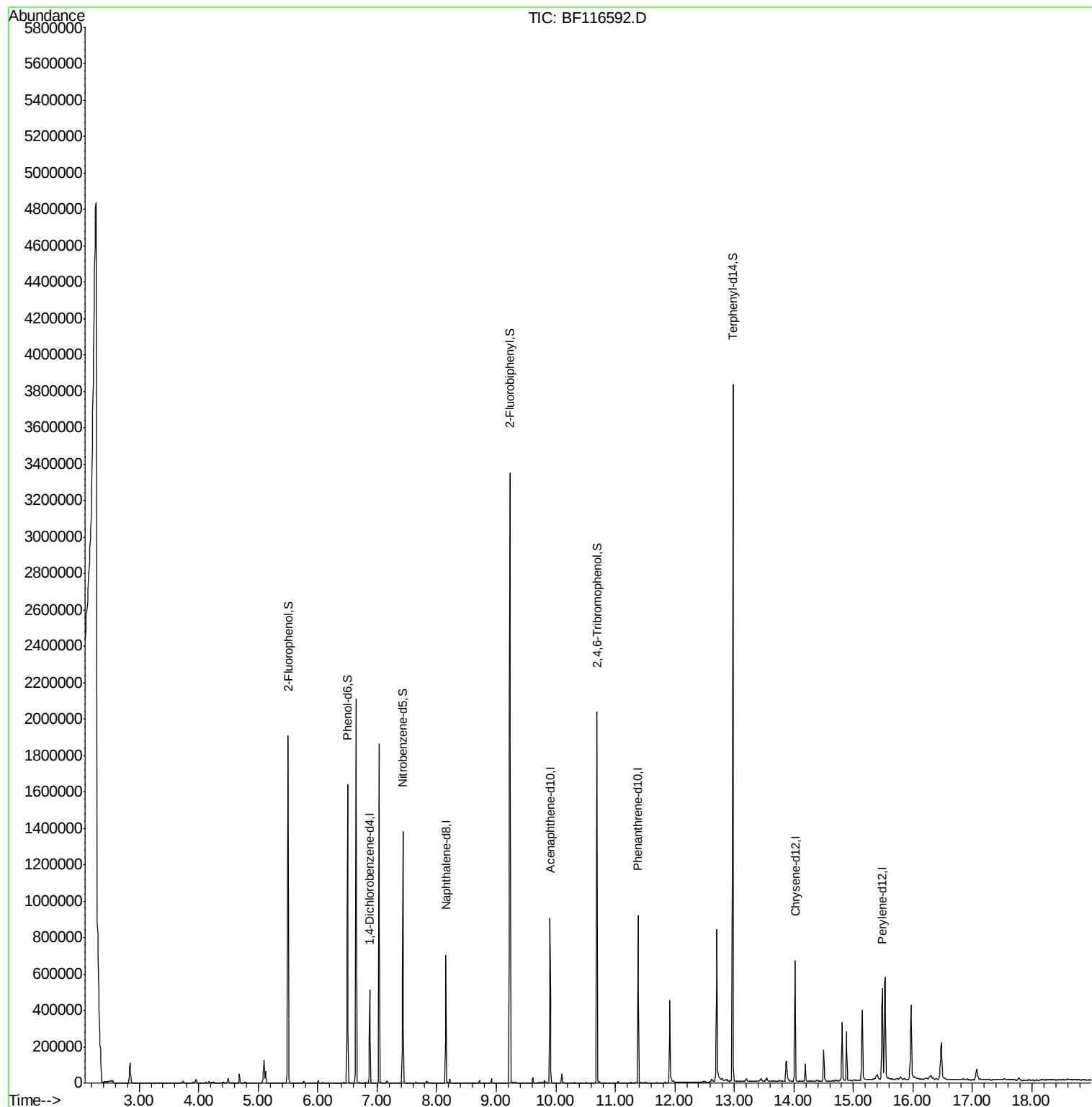
Target Compounds Qvalue

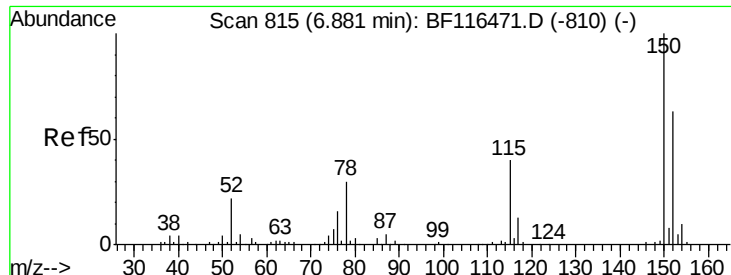
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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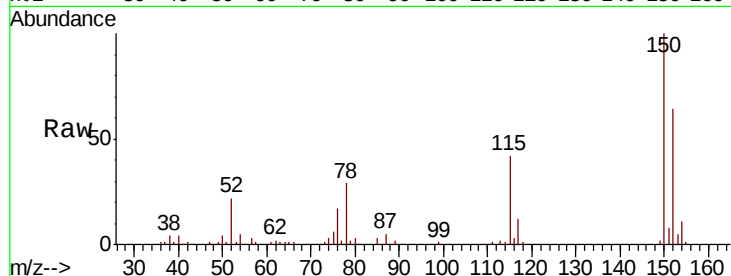


#1

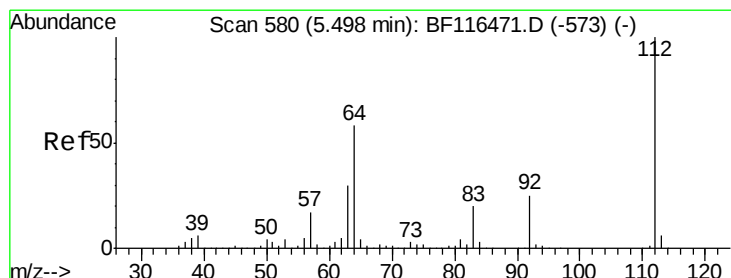
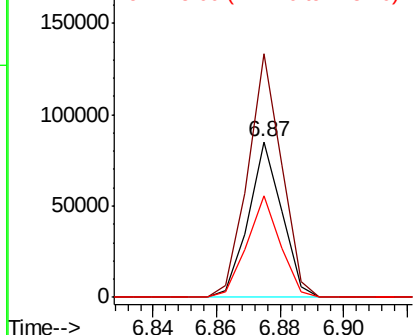
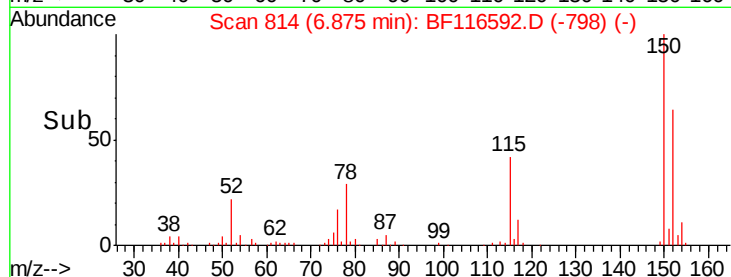
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116592.D
Acq: 27 Aug 2019 19:39

Instrument :
BNA_F
ClientSampleId :
RO-COMP

Tot Ion:152 Resp: 62246
Ion Ratio Lower Upper
152 100
150 156.5 126.7 190.1
115 65.6 50.9 76.3



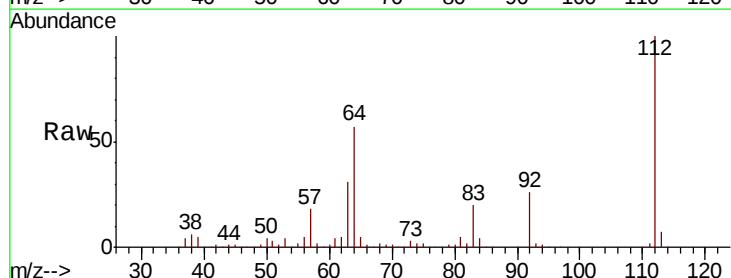
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



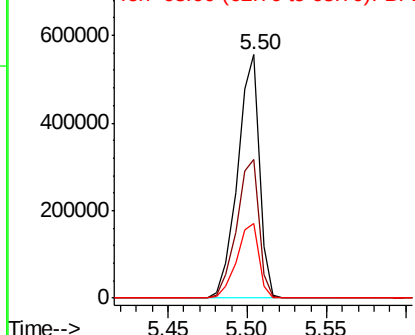
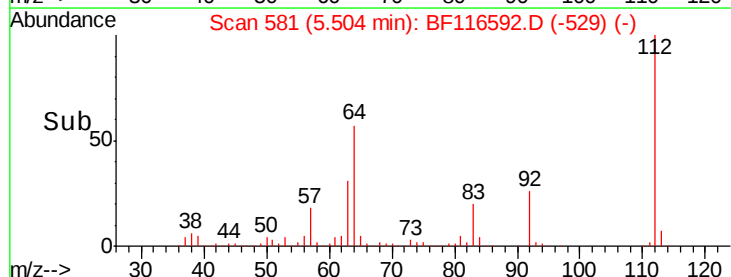
#5

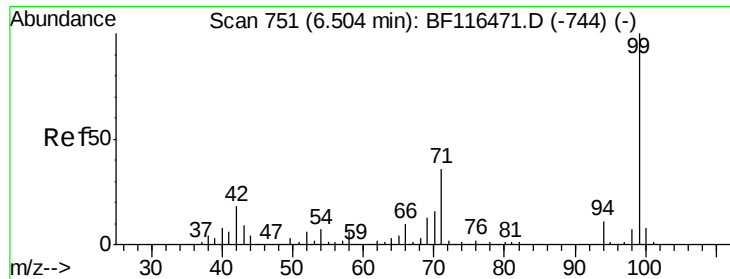
2-Fluorophenol
Concen: 124.010 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116592.D
Acq: 27 Aug 2019 19:39

Tgt Ion:112 Resp: 528292
Ion Ratio Lower Upper
112 100
64 56.7 46.3 69.5
63 30.7 24.2 36.4



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: 103.880 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116592.D

Acq: 27 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

RO-COMP

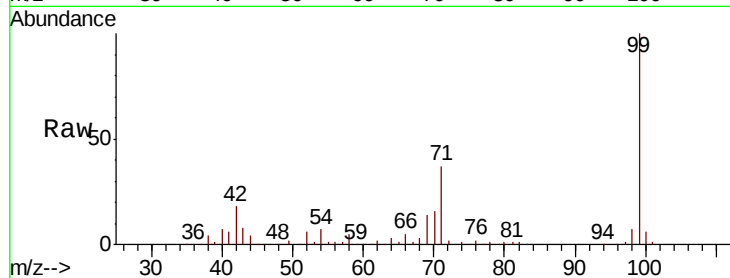
Tot Ion: 99 Resp: 542615

Ion Ratio Lower Upper

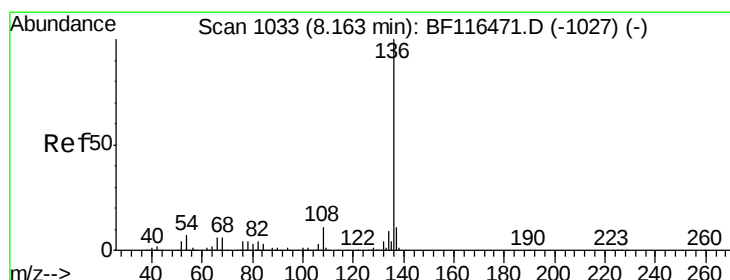
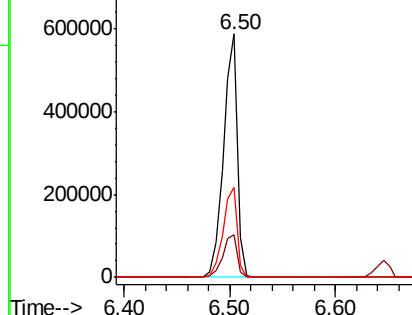
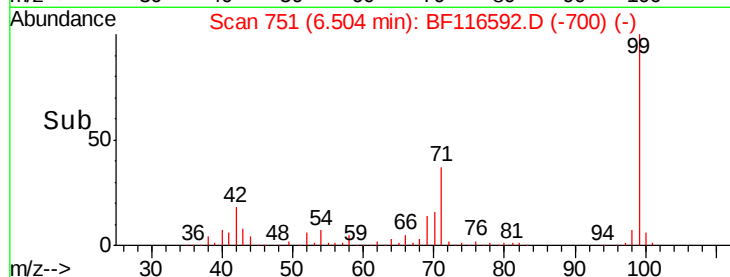
99 100

42 17.5 14.6 21.8

71 37.2 28.5 42.7



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF116592.D

Acq: 27 Aug 2019 19:39

Tgt Ion: 136 Resp: 329325

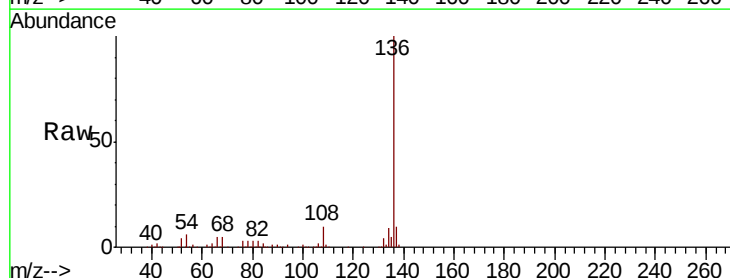
Ion Ratio Lower Upper

136 100

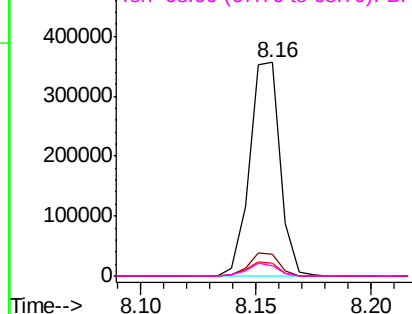
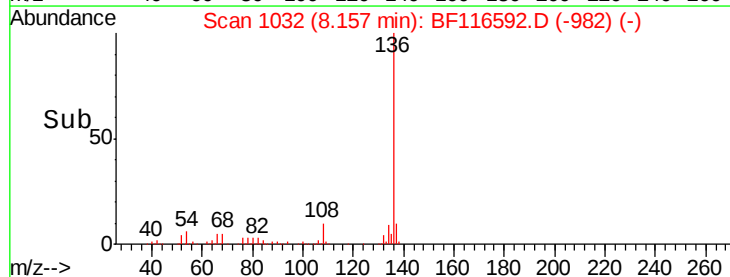
137 10.4 9.0 13.4

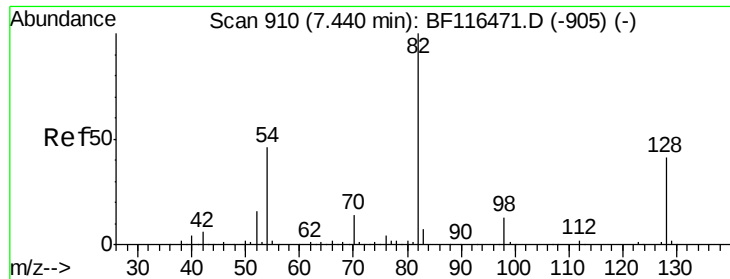
54 5.8 5.8 8.6

68 5.0 5.1 7.7#



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: 74.459 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF116592.D

Acq: 27 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

RO-COMP

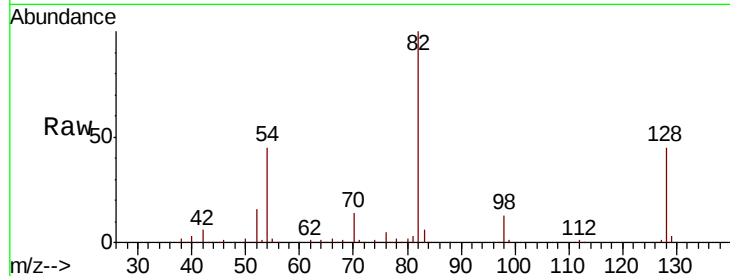
Tot Ion: 82 Resp: 448203

Ion Ratio Lower Upper

82 100

128 44.7 32.2 48.4

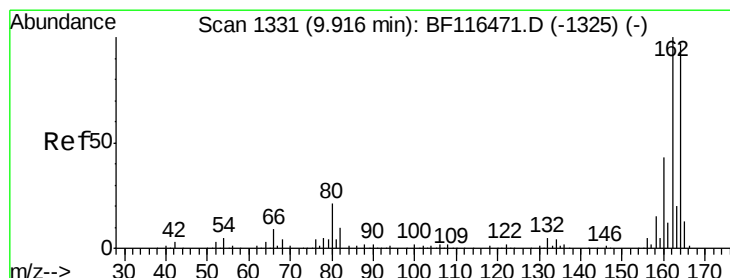
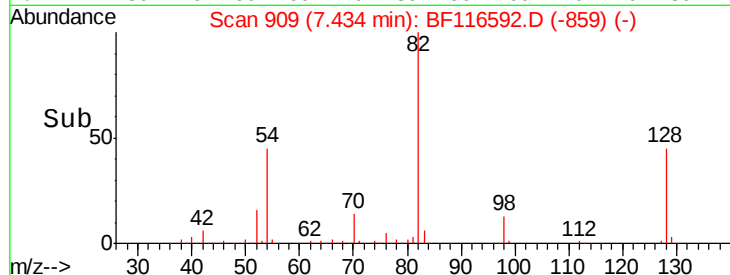
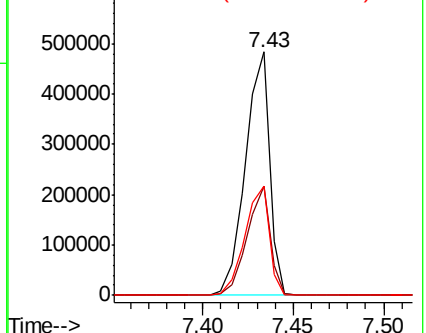
54 44.9 36.5 54.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF116592.D

Acq: 27 Aug 2019 19:39

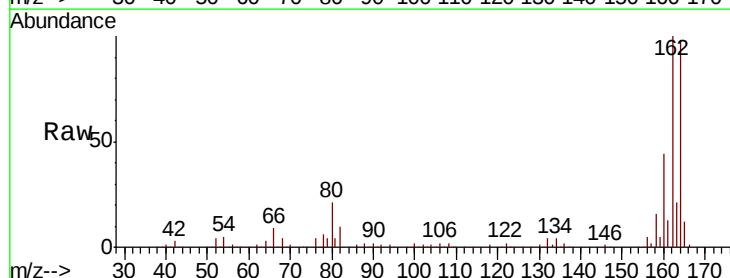
Tgt Ion:164 Resp: 158192

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

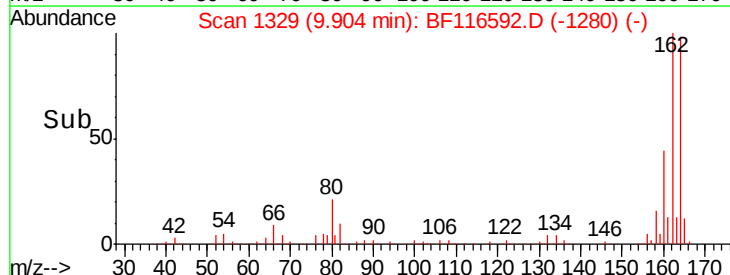
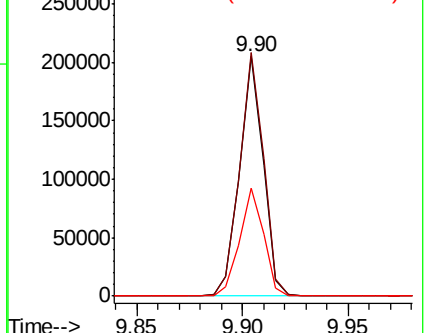
160 45.0 35.8 53.8

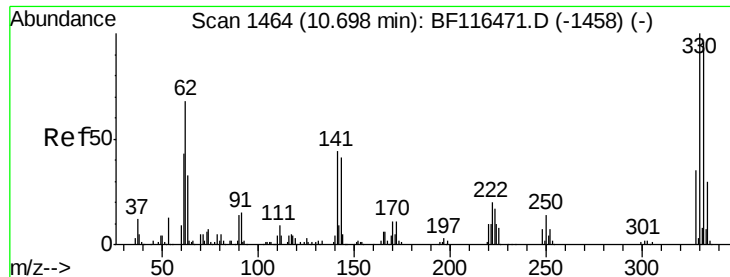


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 167.567 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF116592.D

Acq: 27 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

RO-COMP

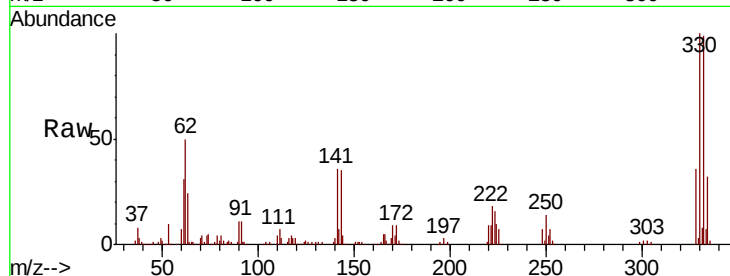
Tot Ion:330 Resp: 227614

Ion Ratio Lower Upper

330 100

332 98.8 77.2 115.8

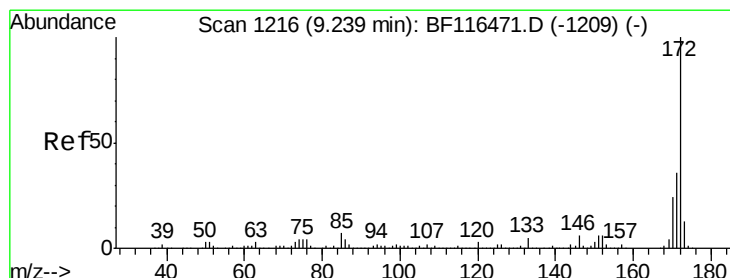
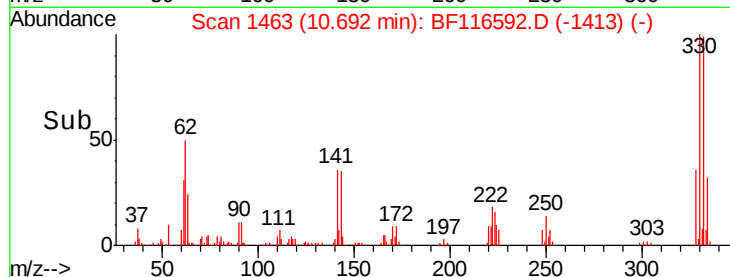
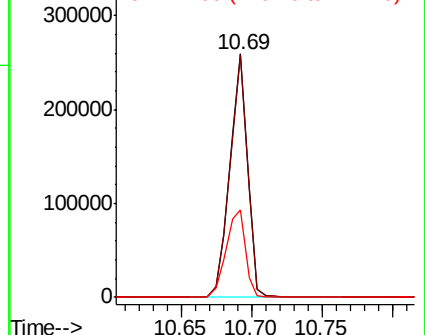
141 39.0 33.3 49.9



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: 98.487 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF116592.D

Acq: 27 Aug 2019 19:39

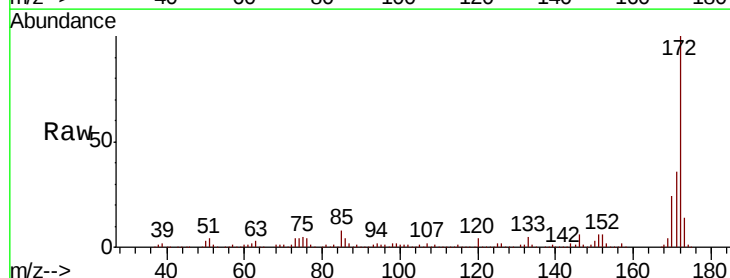
Tgt Ion:172 Resp: 967452

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

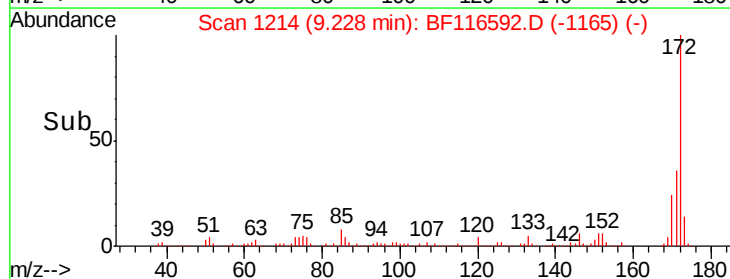
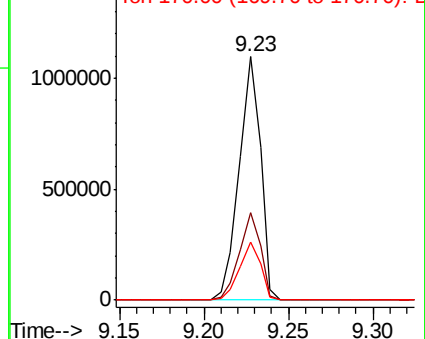
170 24.0 19.4 29.0

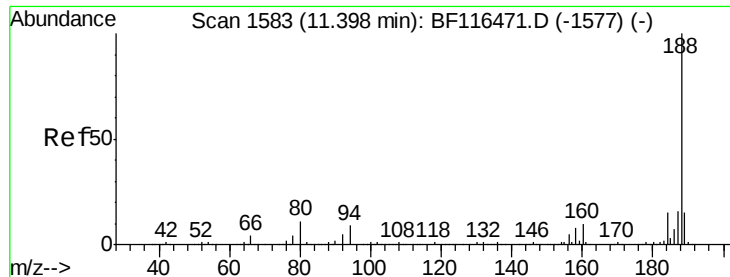


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

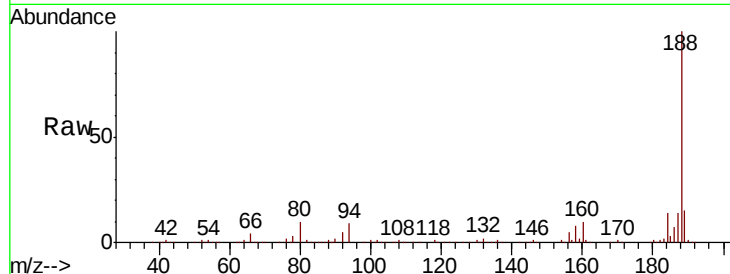




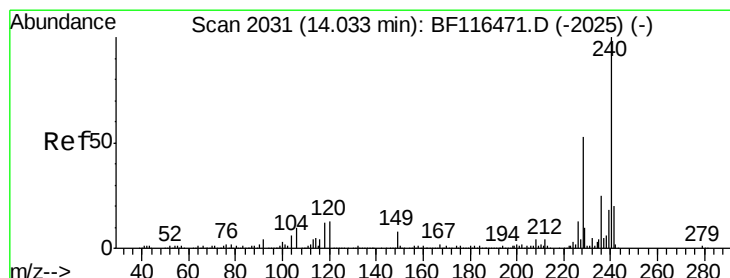
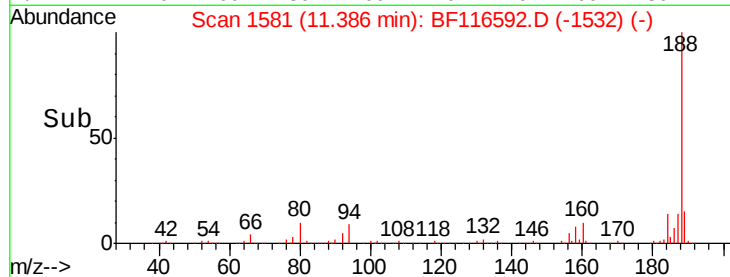
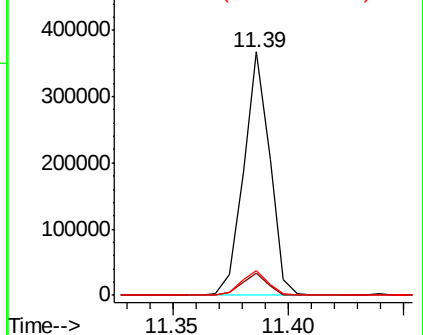
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116592.D
Acq: 27 Aug 2019 19:39

Instrument :
BNA_F
ClientSampleId :
RO-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	10.4	8.6	12.8

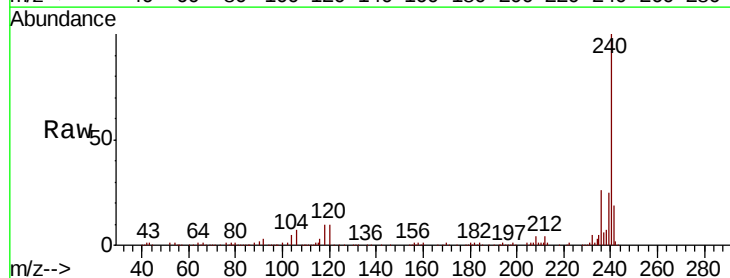


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

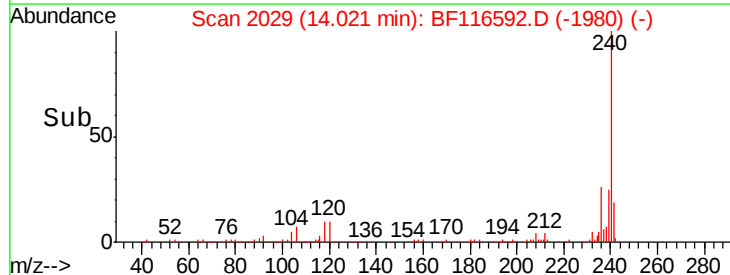
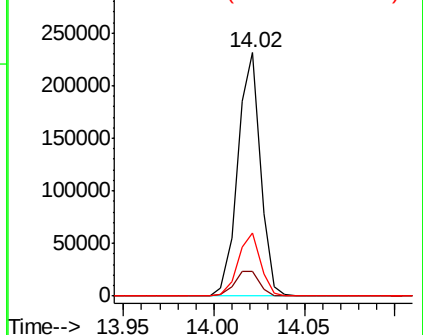


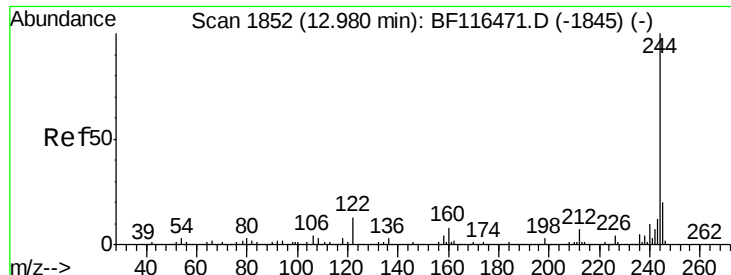
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116592.D
Acq: 27 Aug 2019 19:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.5	15.7#
236	26.0	20.2	30.2



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

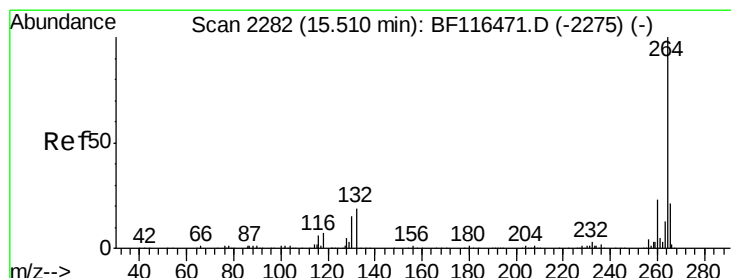
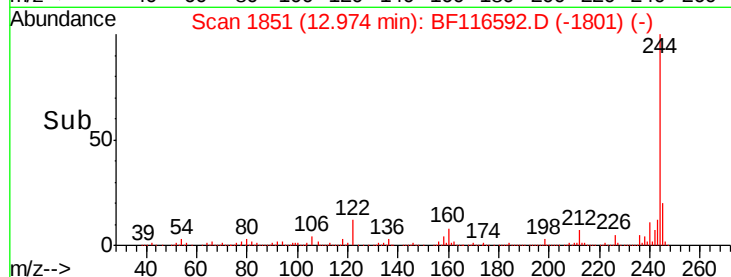
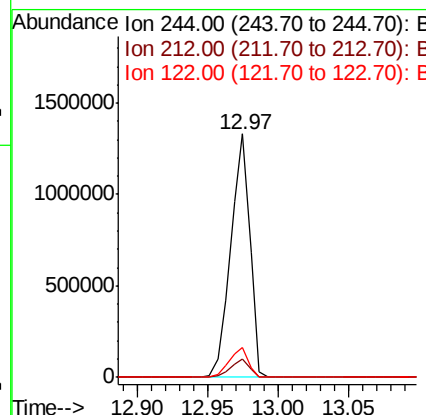
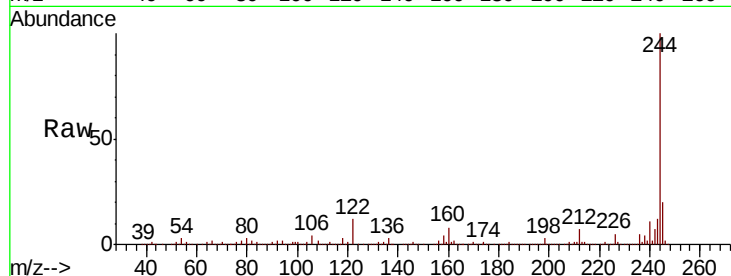




#79
 Terphenyl-d14
 Concen: 116.724 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF116592.D
 Acq: 27 Aug 2019 19:39

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP

Tot Ion:244 Resp: 1254619
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 12.4 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BF116592.D
 Acq: 27 Aug 2019 19:39

Tgt Ion:264 Resp: 221567
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.5 17.1 25.7

