

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116829.D
 Acq On : 5 Sep 2019 11:22
 Operator : HP/JU
 Sample : PB122759TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122759TB

Quant Time: Sep 05 14:43:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	72968	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	293844	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	155559	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	261008	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	216654	20.00	ng	0.00
87) Perylene-d12	15.44	264	221197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	332867	73.90	ng	0.00
7) Phenol-d6	6.47	99	452428	76.50	ng	0.00
23) Nitrobenzene-d5	7.40	82	276304	53.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	192714	185.31	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	703365	76.27	ng	-0.01
79) Terphenyl-d14	12.95	244	1399607	119.51	ng	0.00

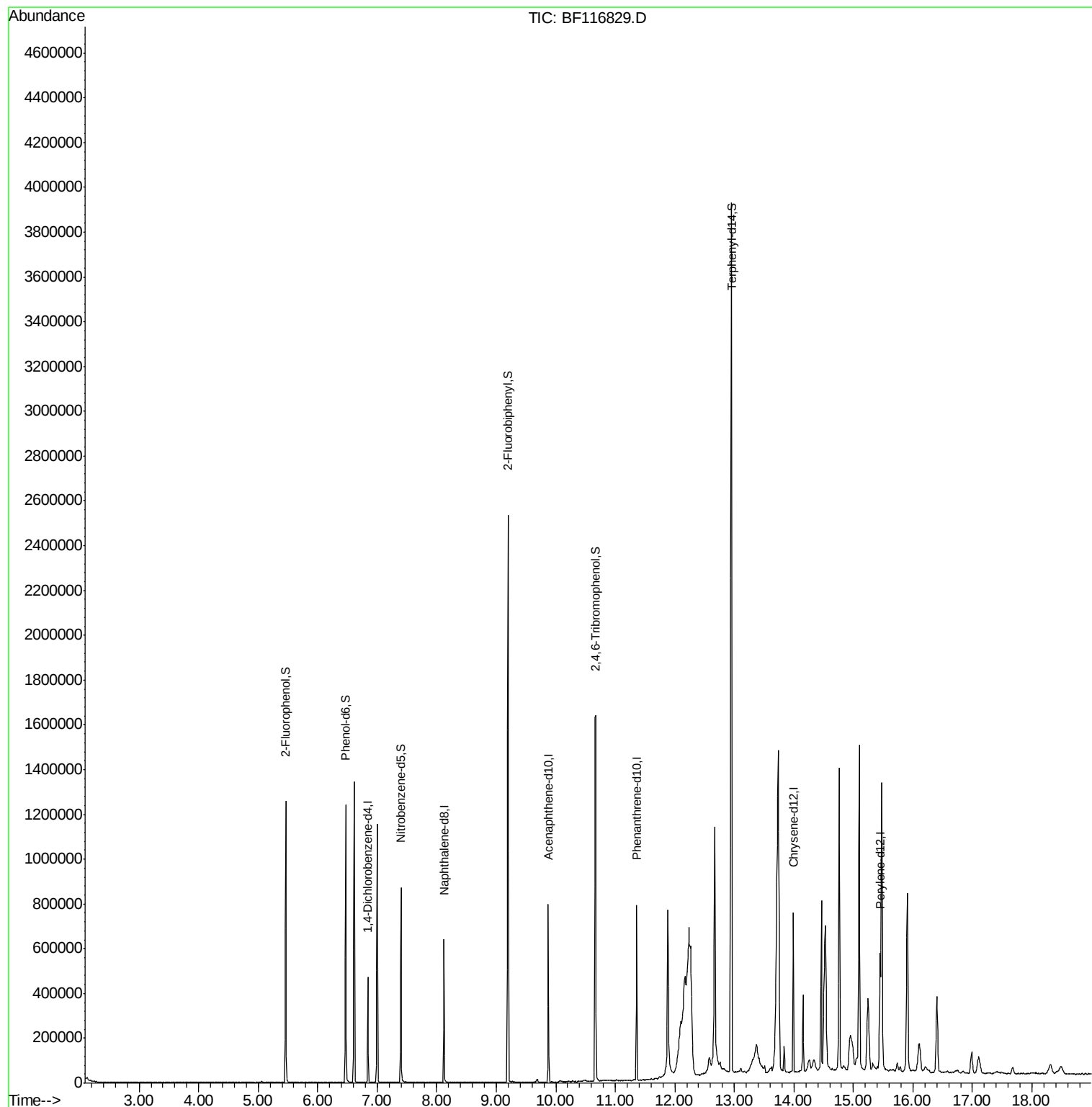
Target Compounds Qvalue

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

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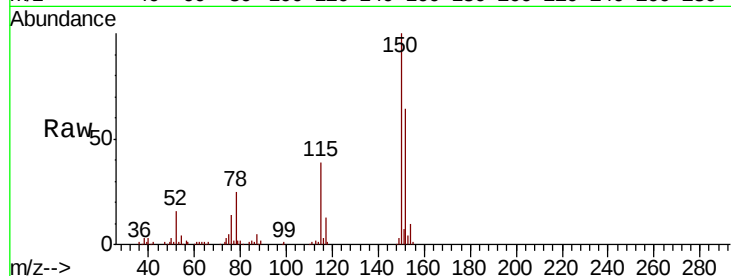


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116829.D
Acq: 5 Sep 2019 11:22

Instrument :
BNA_F
ClientSampleId :
PB122759TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.4	186.6
115	61.4	49.9	74.9

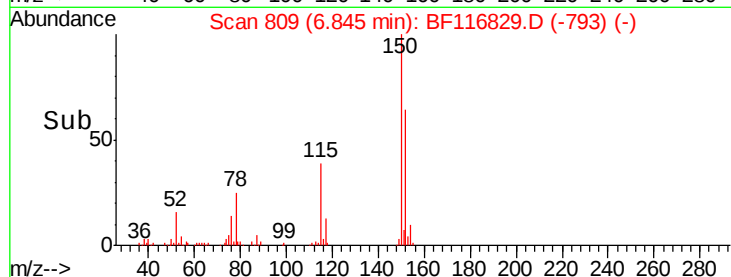
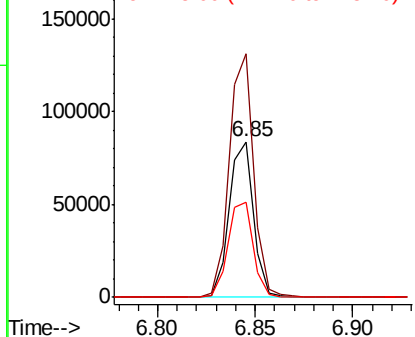


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

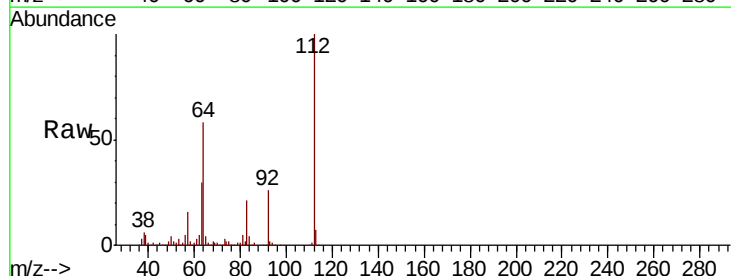
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.904 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116829.D
Acq: 5 Sep 2019 11:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.1	70.7
63	30.1	24.9	37.3

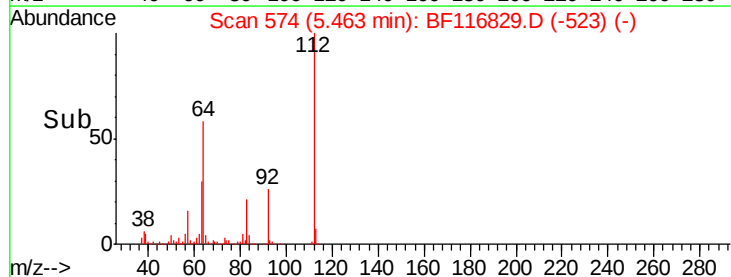
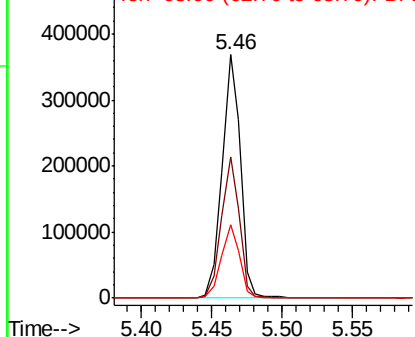


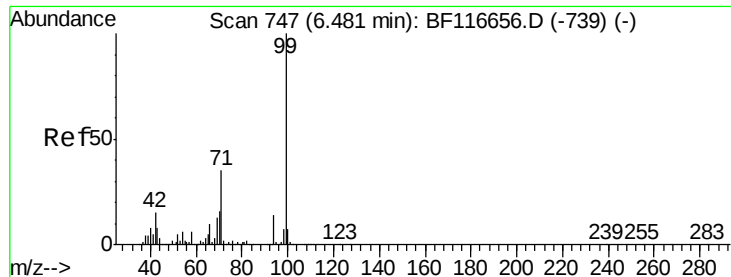
Abundance

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: 76.497 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116829.D

Acq: 5 Sep 2019 11:22

Instrument :

BNA_F

ClientSampleId :

PB122759TB

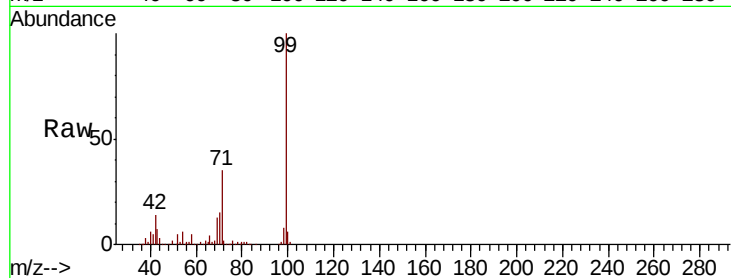
Tot Ion: 99 Resp: 452428

Ion Ratio Lower Upper

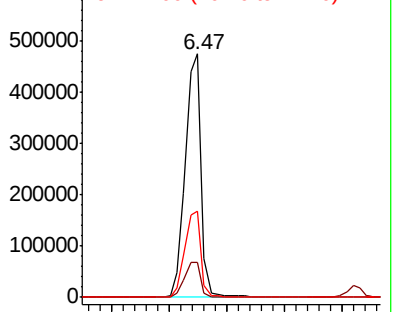
99 100

42 14.1 13.7 20.5

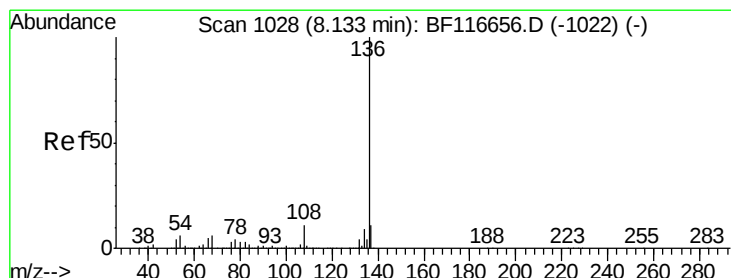
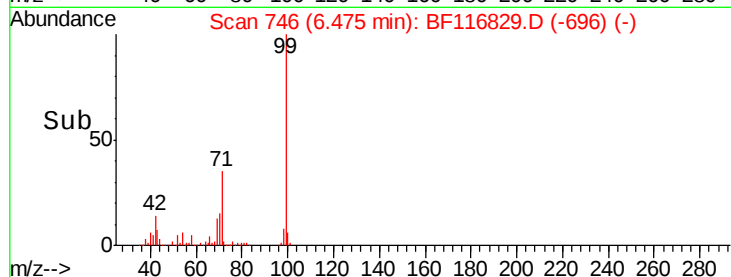
71 35.3 30.8 46.2



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116829.D

Acq: 5 Sep 2019 11:22

Tgt Ion: 136 Resp: 293844

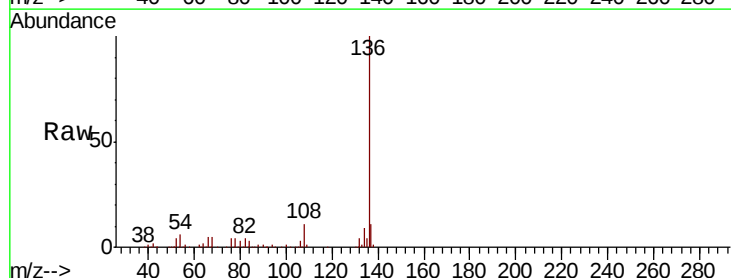
Ion Ratio Lower Upper

136 100

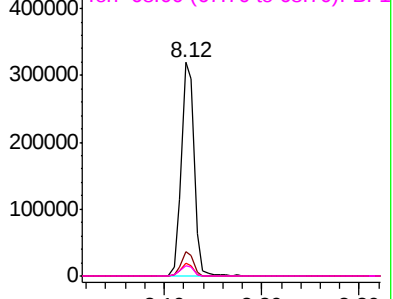
137 11.5 8.9 13.3

54 6.1 4.8 7.2

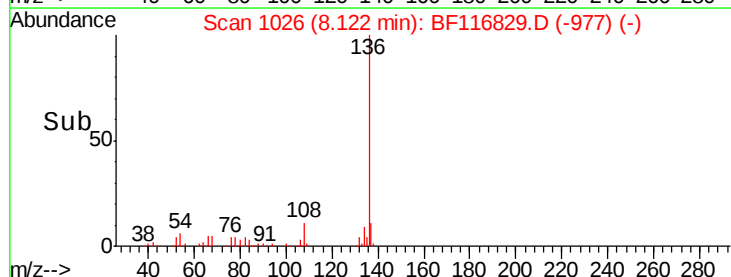
68 5.1 4.0 6.0



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



Time-->

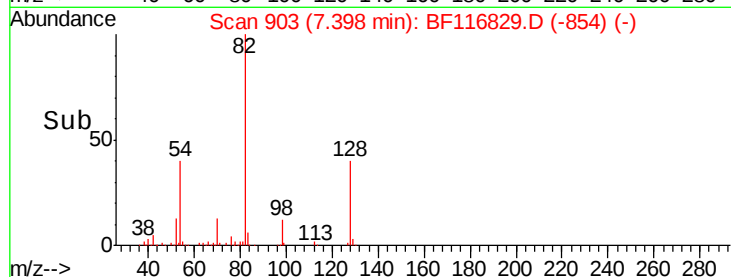
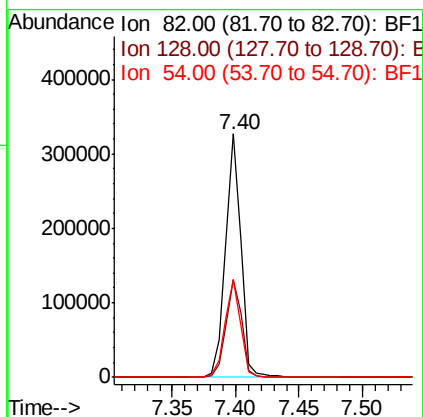
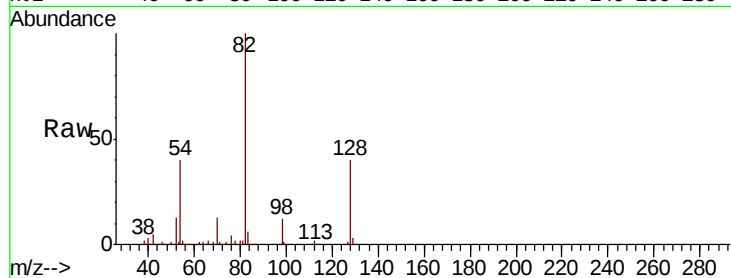




#23
 Nitrobenzene-d5
 Concen: 53.680 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF116829.D
 Acq: 5 Sep 2019 11:22

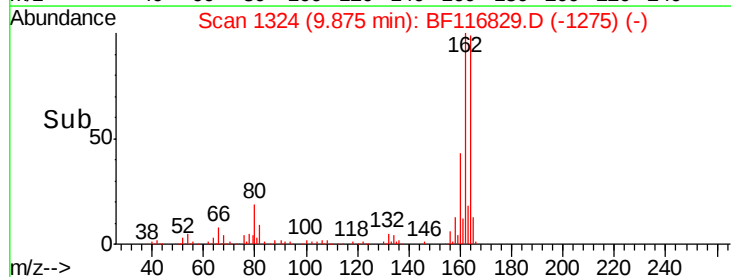
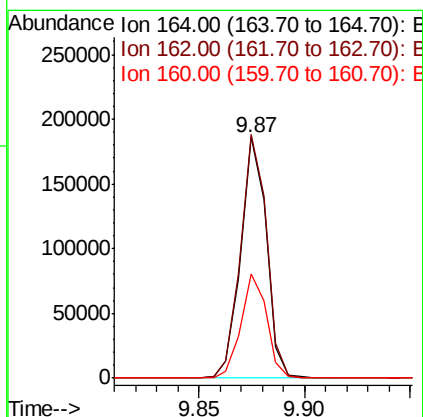
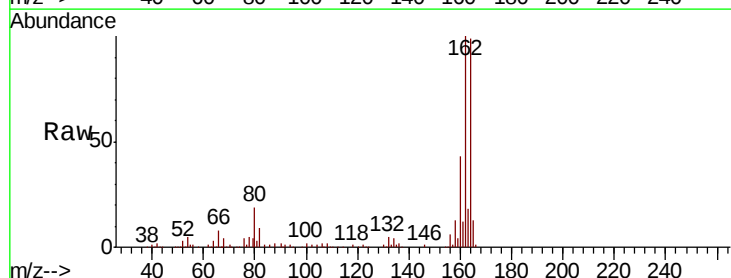
Instrument :
 BNA_F
 ClientSampleId :
 PB122759TB

Tot Ion	82	Resp	276304
Ion Ratio	Lower	Upper	
82	100		
128	40.3	32.8	49.2
54	40.4	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116829.D
 Acq: 5 Sep 2019 11:22

Tgt Ion	164	Resp	155559
Ion Ratio	Lower	Upper	
164	100		
162	101.2	81.4	122.0
160	43.3	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 185.312 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116829.D

Acq: 5 Sep 2019 11:22

Instrument :

BNA_F

ClientSampleId :

PB122759TB

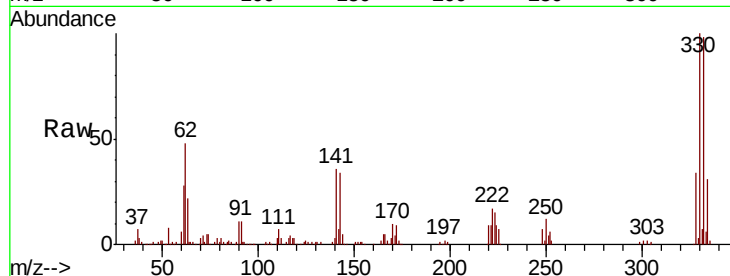
Tot Ion:330 Resp: 192714

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 43.5 31.4 47.2

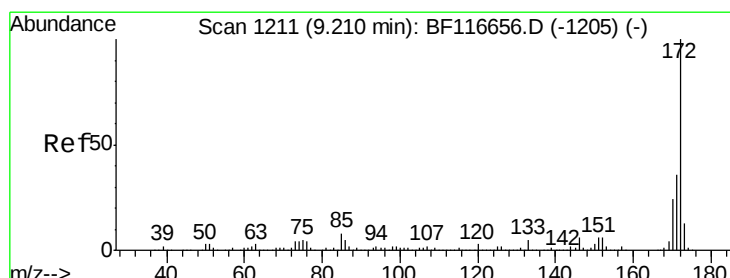
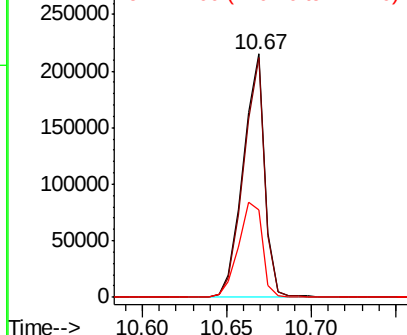
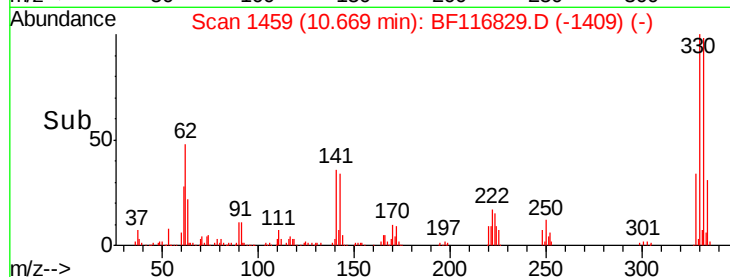


Abundance

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: 76.273 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF116829.D

Acq: 5 Sep 2019 11:22

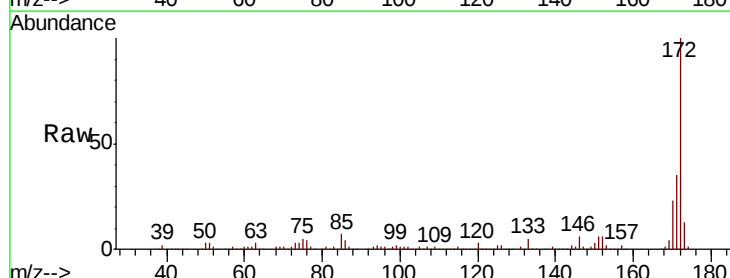
Tgt Ion:172 Resp: 703365

Ion Ratio Lower Upper

172 100

171 35.5 27.8 41.6

170 23.4 18.9 28.3

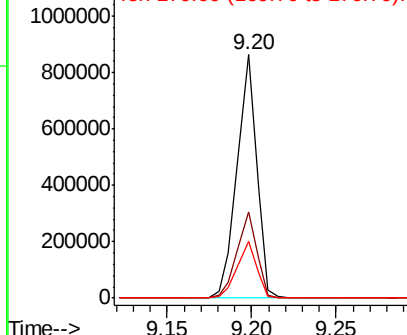
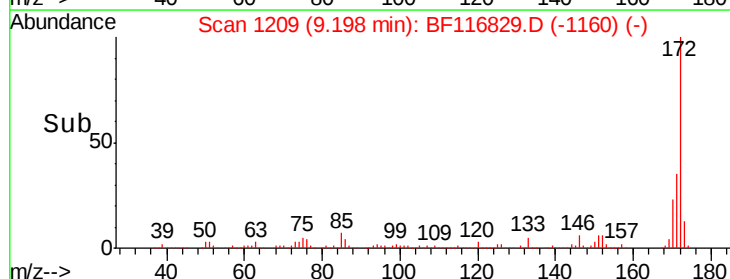


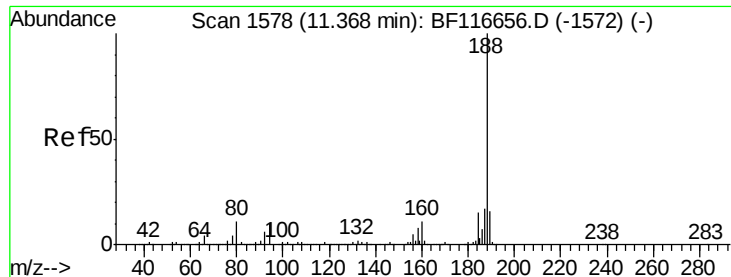
Abundance

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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116829.D

Acq: 5 Sep 2019 11:22

Instrument :

BNA_F

ClientSampleId :

PB122759TB

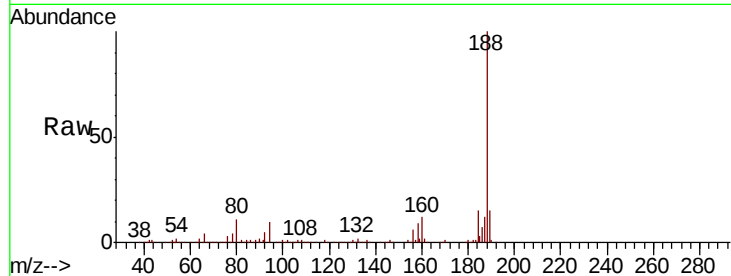
Tot Ion:188 Resp: 261008

Ion Ratio Lower Upper

188 100

94 10.2 7.3 10.9

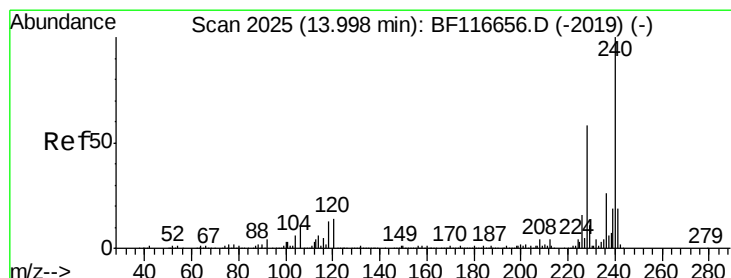
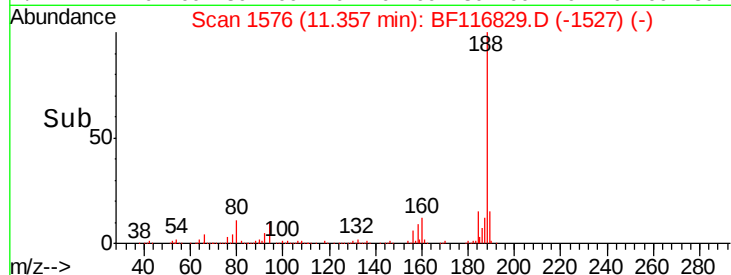
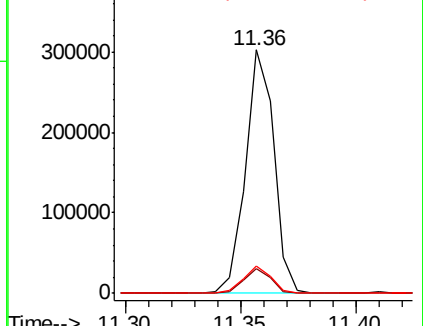
80 11.2 8.4 12.6



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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116829.D

Acq: 5 Sep 2019 11:22

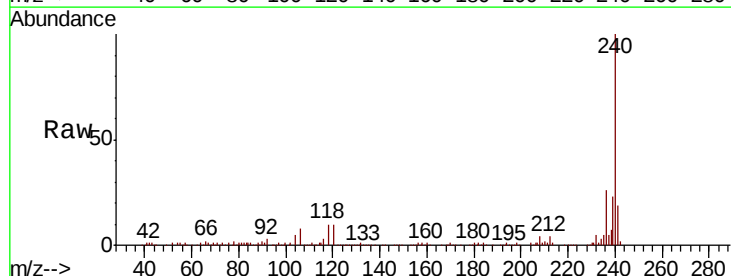
Tgt Ion:240 Resp: 216654

Ion Ratio Lower Upper

240 100

120 10.3 9.1 13.7

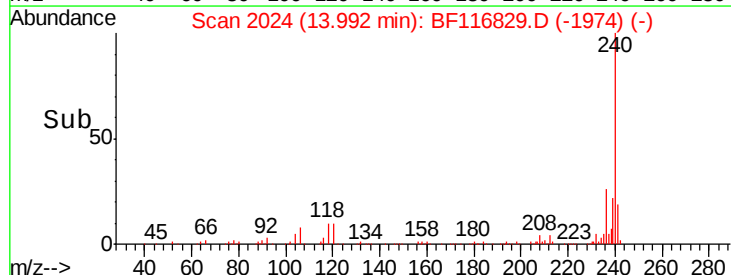
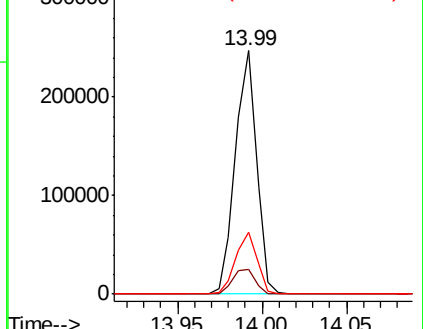
236 25.7 21.1 31.7

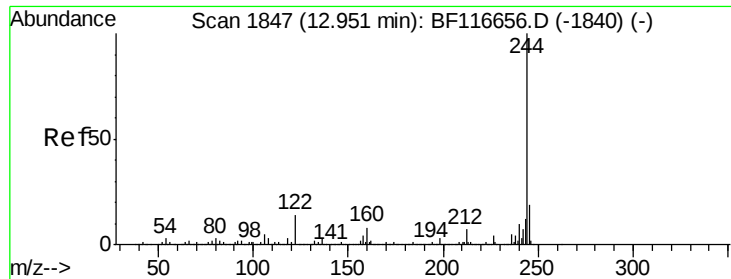


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

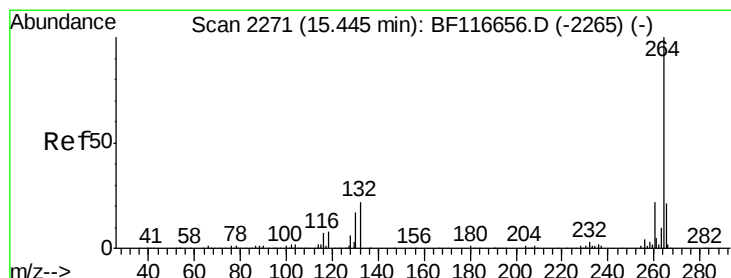
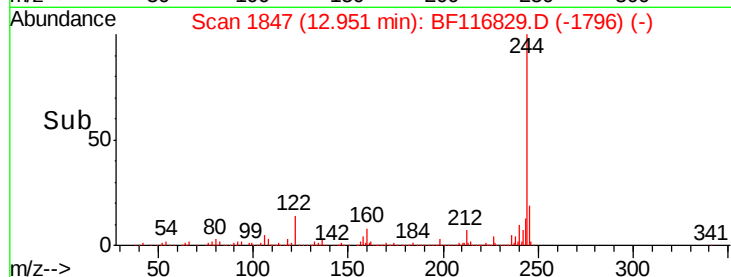
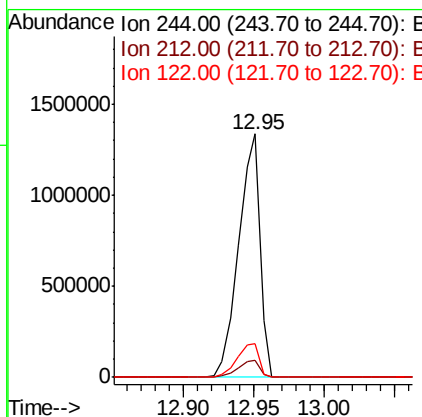
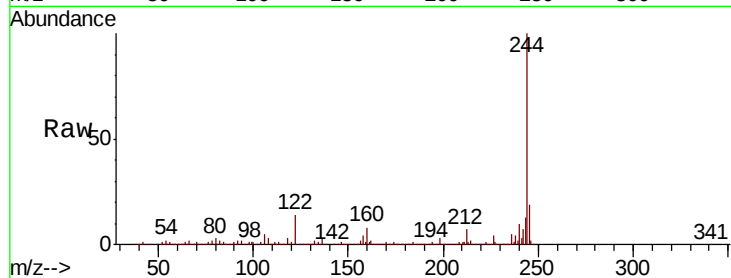




#79
Terphenyl-d14
Concen: 119.508 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF116829.D
Acq: 5 Sep 2019 11:22

Instrument :
BNA_F
ClientSampleId :
PB122759TB

Tot Ion:244 Resp: 1399607
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 13.7 10.2 15.4



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116829.D
Acq: 5 Sep 2019 11:22

Tgt Ion:264 Resp: 221197
Ion Ratio Lower Upper
264 100
260 24.0 18.3 27.5
265 21.2 16.5 24.7

