

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116080.D
 Acq On : 8 Aug 2019 21:11
 Operator : HP/JU
 Sample : K4130-31
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-G-(0-30)-COMP

Quant Time: Aug 09 16:27:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	126556	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	496941	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	272827	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	523541	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	467803	20.00	ng	-0.01
87) Perylene-d12	15.46	264	448196	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	884025	116.94	ng	0.00
7) Phenol-d6	6.47	99	1020217	106.96	ng	-0.01
23) Nitrobenzene-d5	7.40	82	828256	96.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	389482	147.24	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1423104	97.70	ng	-0.01
79) Terphenyl-d14	12.94	244	1876831	84.54	ng	0.00

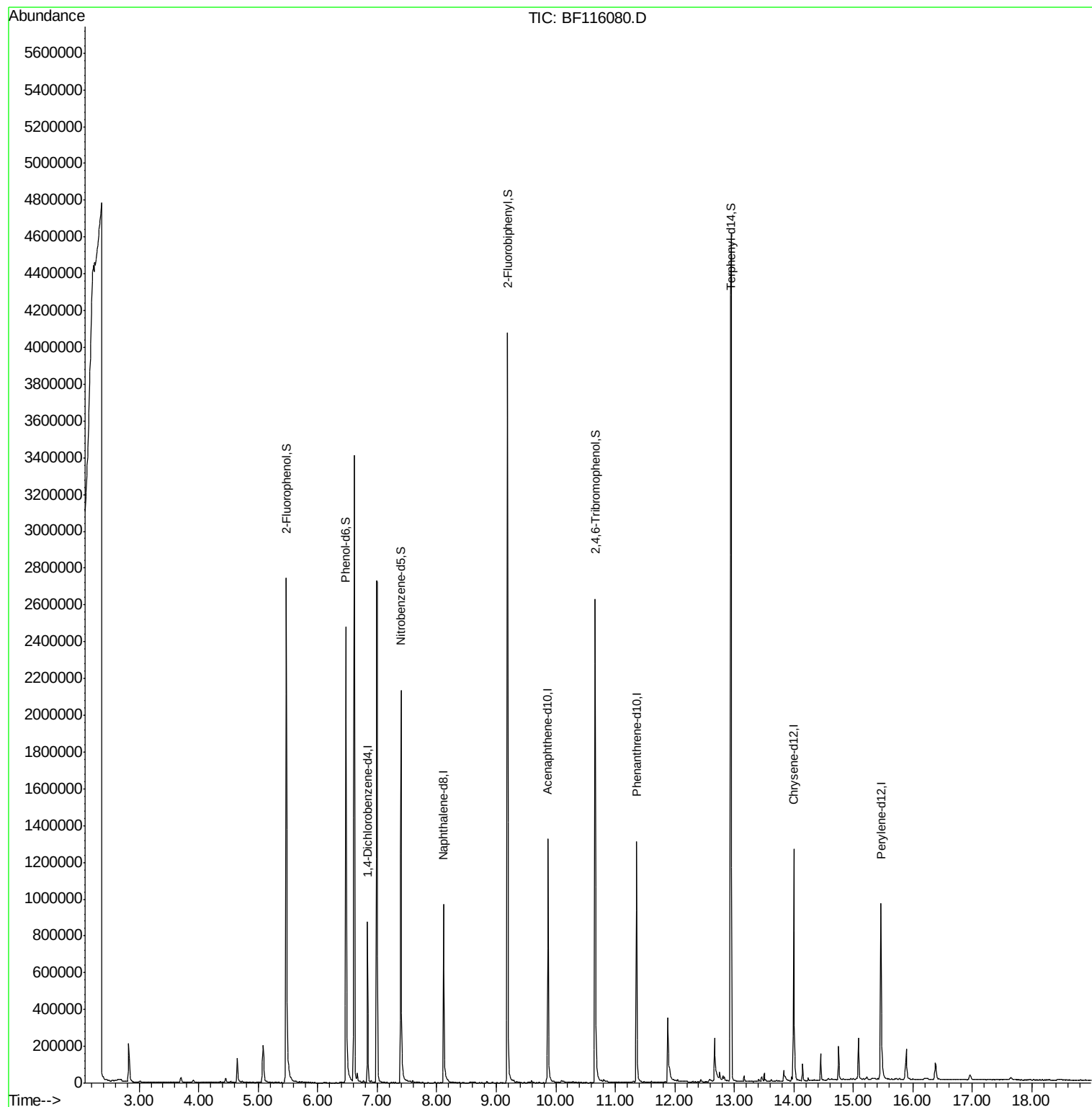
Target Compounds Qvalue

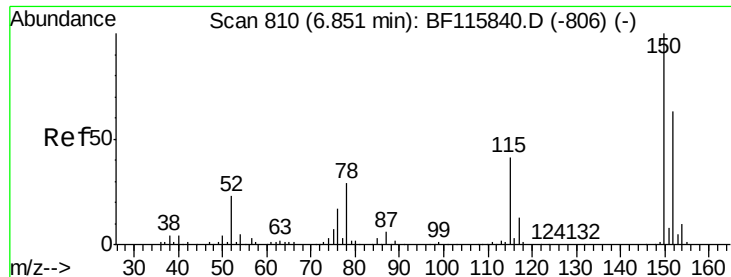
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116080.D

Acq: 8 Aug 2019 21:11

Instrument :

BNA_F

ClientSampleId :

1S-G-(0-30)-COMP

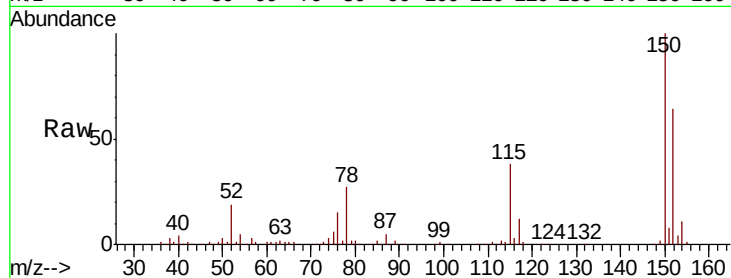
Tot Ion:152 Resp: 126556

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

115 60.4 49.9 74.9

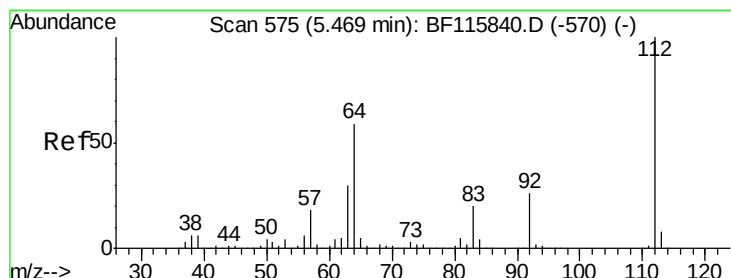
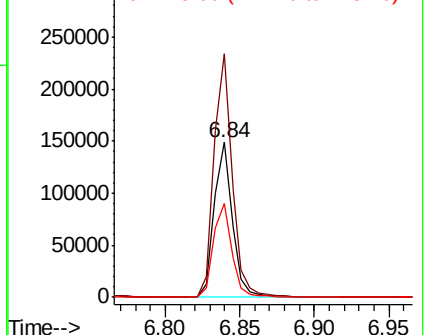
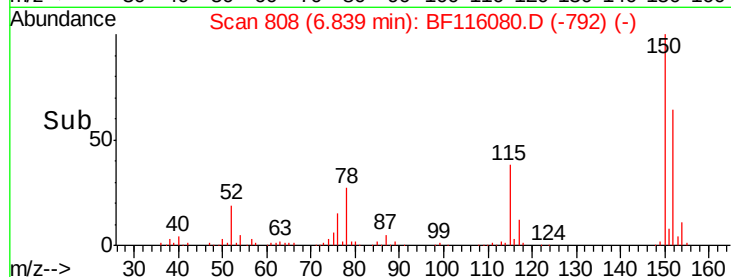


Abundance

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: 116.937 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116080.D

Acq: 8 Aug 2019 21:11

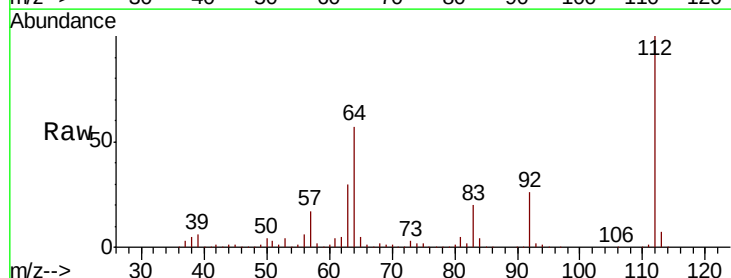
Tgt Ion:112 Resp: 884025

Ion Ratio Lower Upper

112 100

64 57.1 45.4 68.2

63 29.9 23.7 35.5

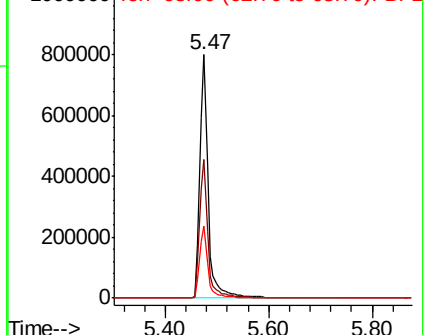
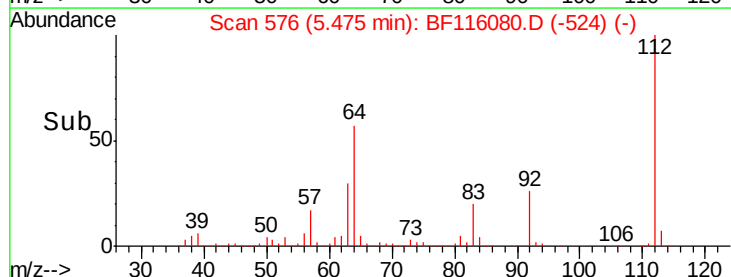


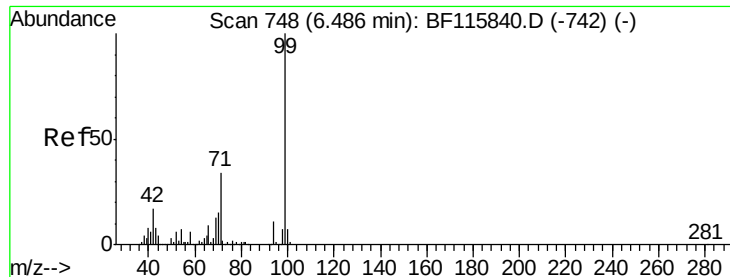
Abundance

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: 106.963 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116080.D

Acq: 8 Aug 2019 21:11

Instrument :

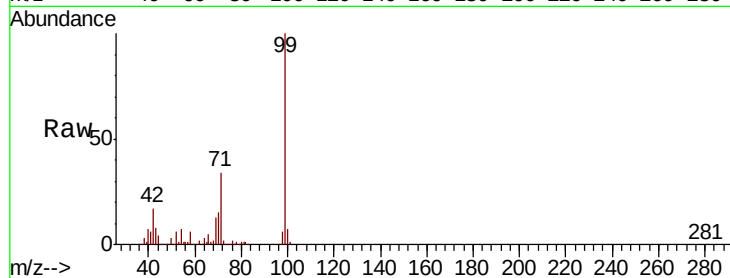
BNA_F

ClientSampleId :

1S-G-(0-30)-COMP

Tot Ion: 99 Resp: 1020217

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.8
71	34.2	27.3	40.9

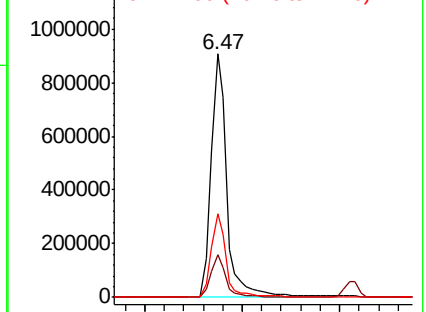
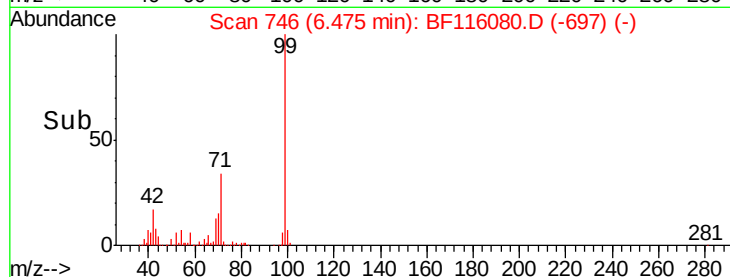


Abundance

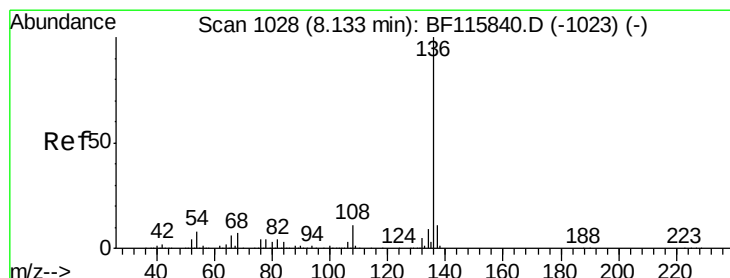
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

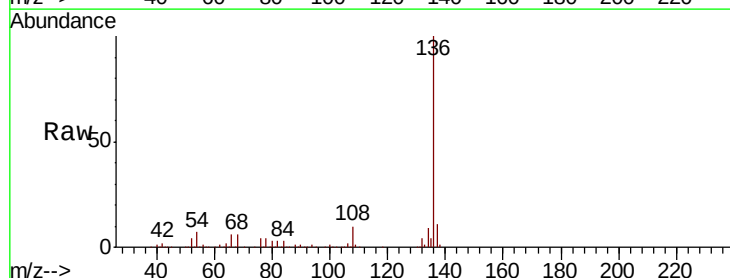
Delta R.T. -0.01 min

Lab File: BF116080.D

Acq: 8 Aug 2019 21:11

Tgt Ion: 136 Resp: 496941

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.2	5.8	8.6
68	6.4	5.2	7.8



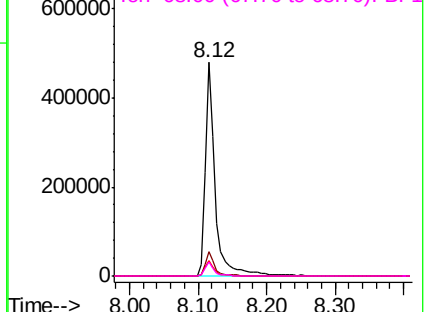
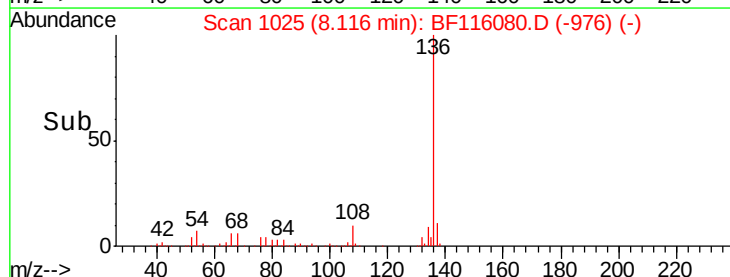
Abundance

Ion 136.00 (135.70 to 136.70): E

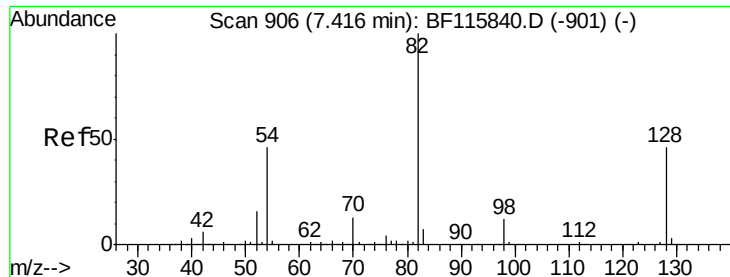
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



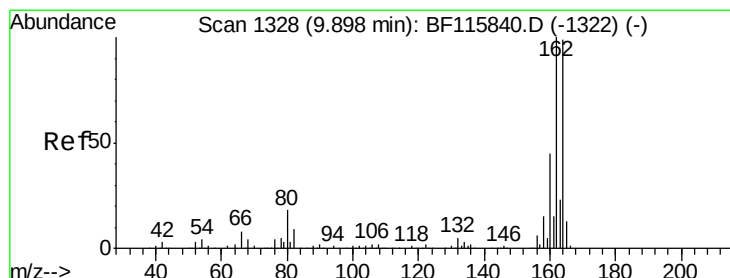
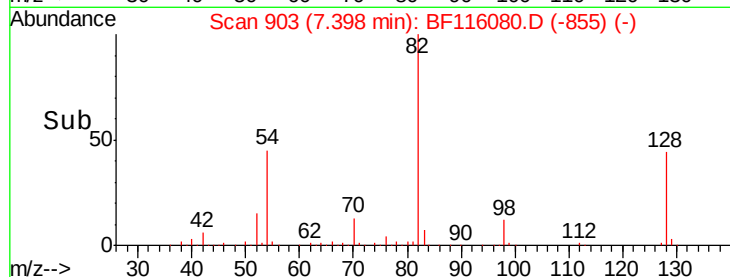
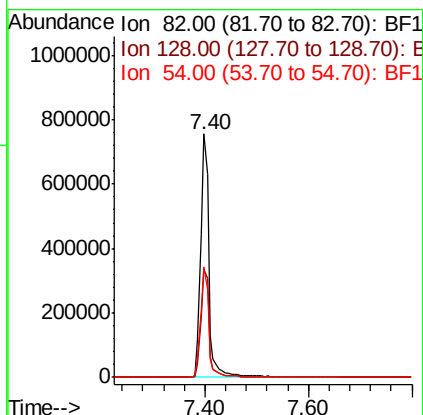
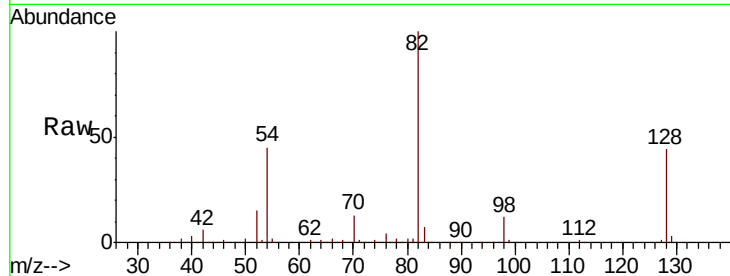
Time-->



#23
 Nitrobenzene-d5
 Concen: 96.208 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116080.D
 Acq: 8 Aug 2019 21:11

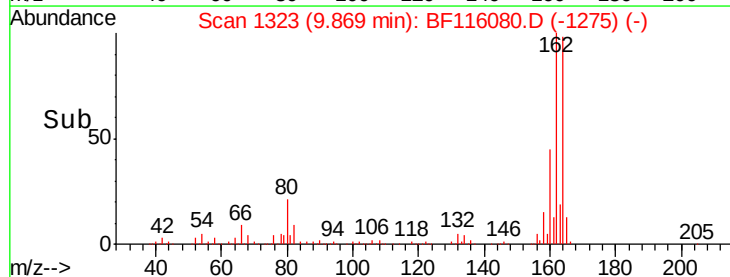
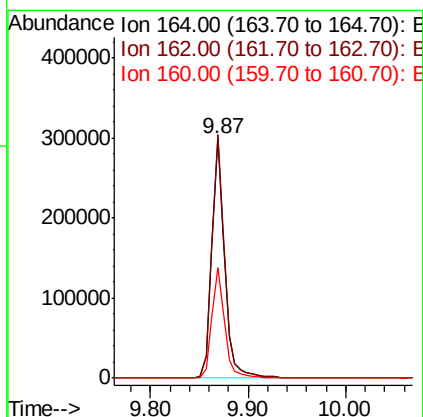
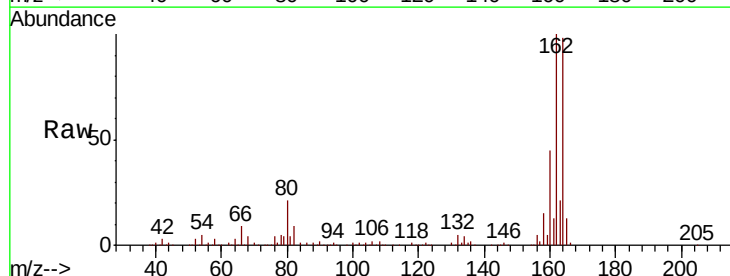
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 1S-G-(0-30)-COMP

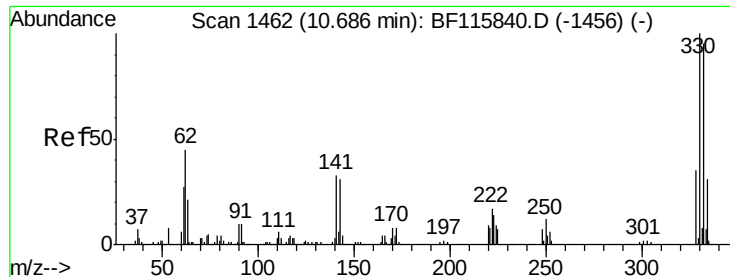
Tot Ion: 82 Resp: 828256
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.5 54.7
 54 45.5 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116080.D
 Acq: 8 Aug 2019 21:11

Tgt Ion:164 Resp: 272827
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 124.0
 160 46.1 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 147.245 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116080.D

Acq: 8 Aug 2019 21:11

Instrument :

BNA_F

ClientSampleId :

1S-G-(0-30)-COMP

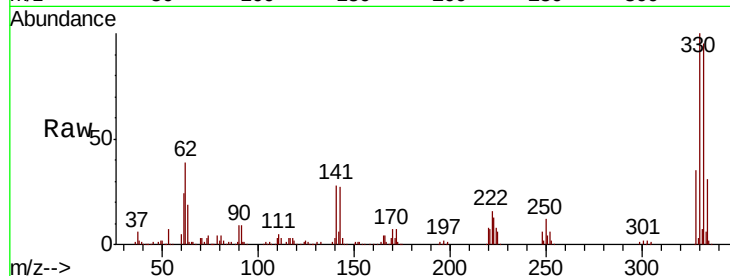
Tot Ion:330 Resp: 389482

Ion Ratio Lower Upper

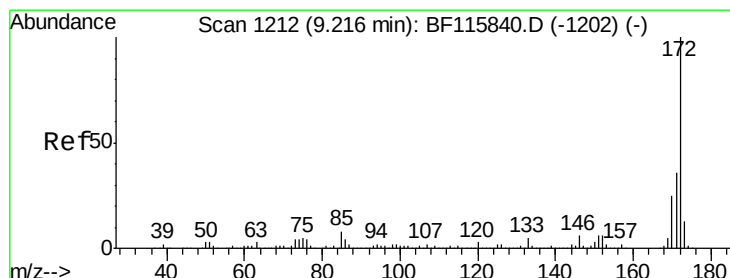
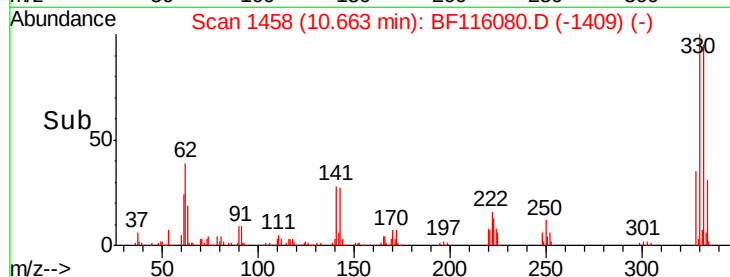
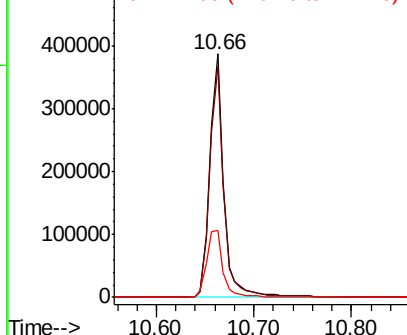
330 100

332 95.8 76.8 115.2

141 32.4 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: 97.702 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116080.D

Acq: 8 Aug 2019 21:11

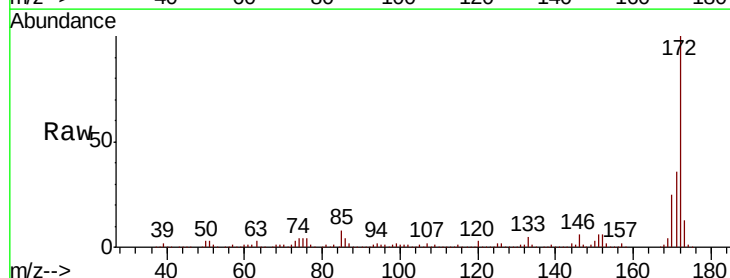
Tgt Ion:172 Resp: 1423104

Ion Ratio Lower Upper

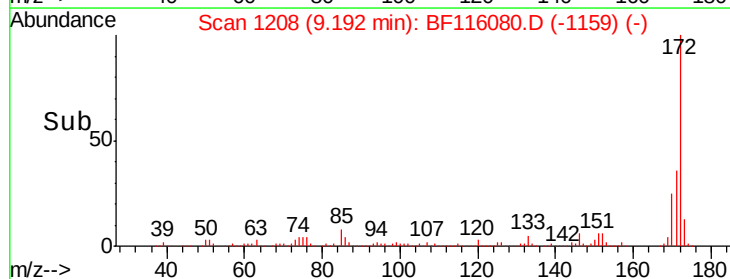
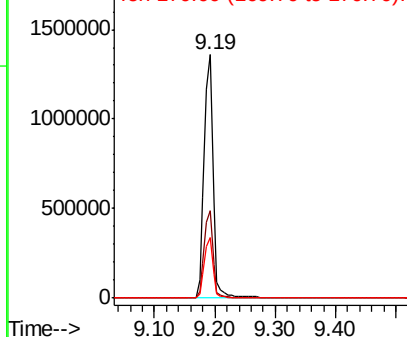
172 100

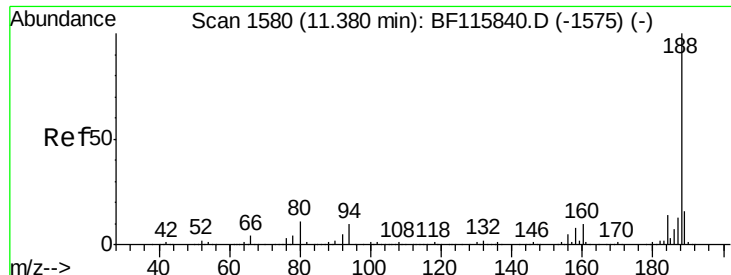
171 36.2 29.6 44.4

170 25.0 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

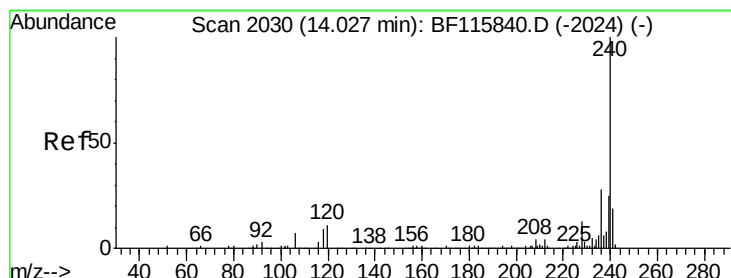
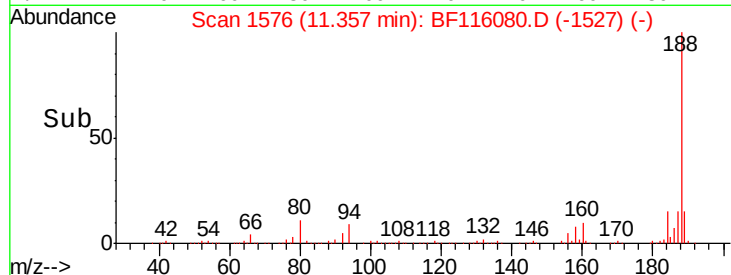
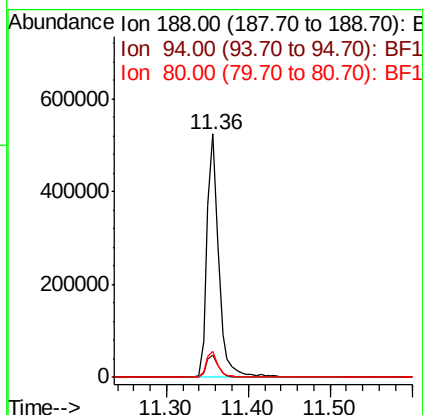
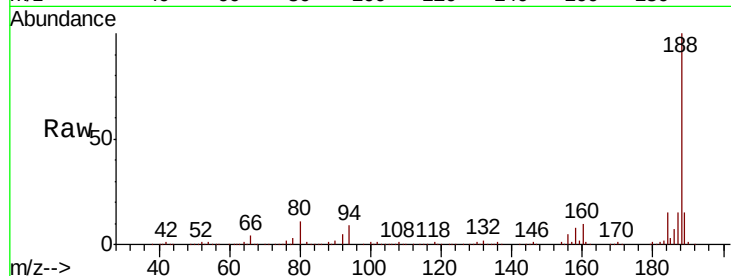




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116080.D
 Acq: 8 Aug 2019 21:11

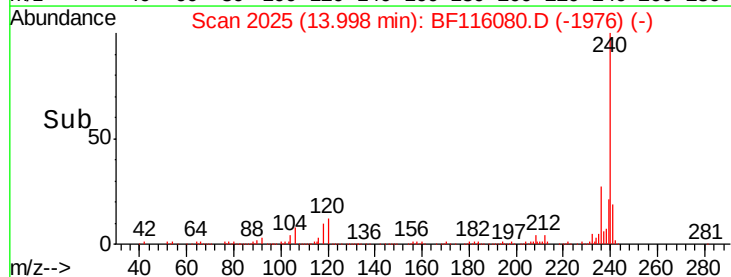
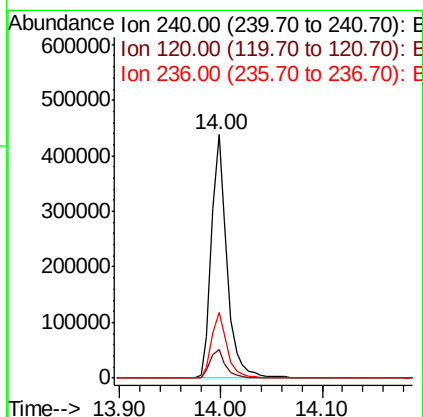
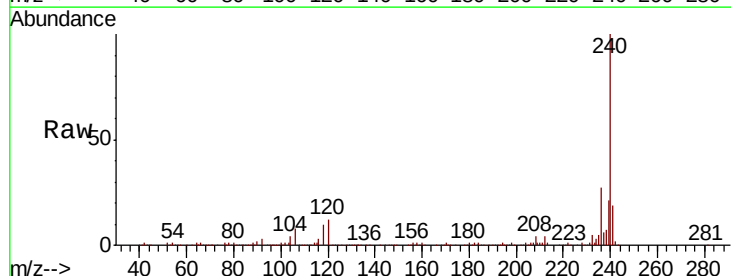
Instrument :
 BNA_F
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 1S-G-(0-30)-COMP

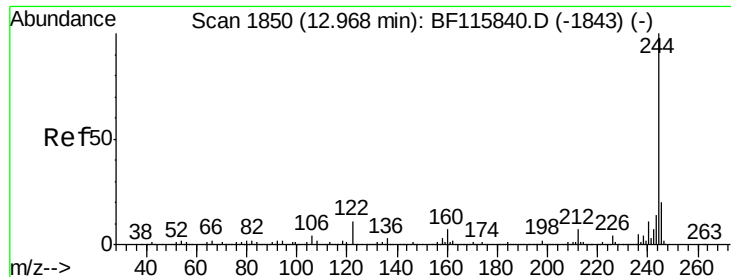
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	10.6	8.7	13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116080.D
 Acq: 8 Aug 2019 21:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.7	16.1
236	27.1	22.2	33.2



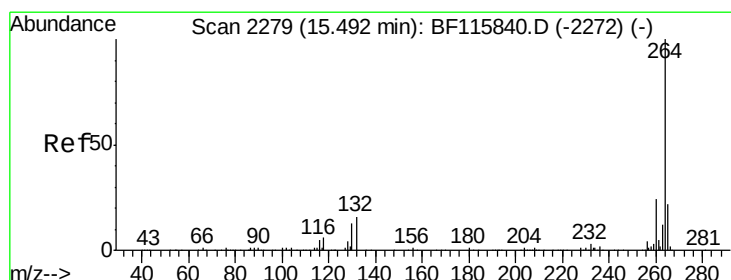
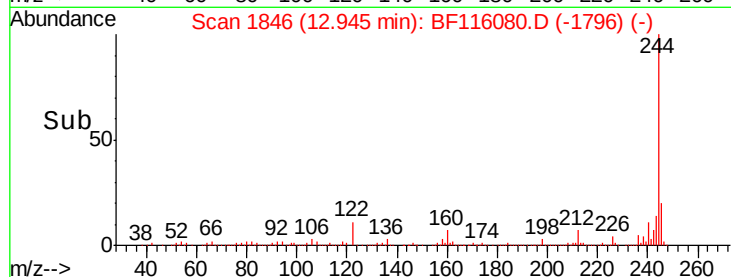
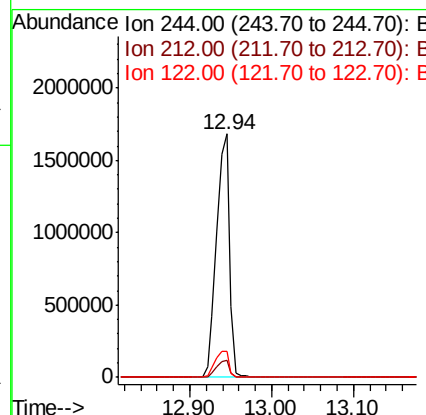
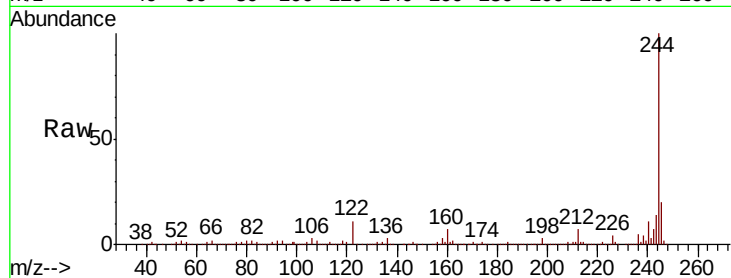


#79
 Terphenyl-d14
 Concen: 84.540 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116080.D
 Acq: 8 Aug 2019 21:11

Instrument :
 BNA_F
 ClientSampleId :
 1S-G-(0-30)-COMP

Tot Ion:244 Resp: 1876831

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.5	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116080.D
 Acq: 8 Aug 2019 21:11

Tgt Ion:264 Resp: 448196

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.8	17.4	26.0

