

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116726.D
 Acq On : 1 Sep 2019 5:28
 Operator : HP/JU
 Sample : K4517-33
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-C

Quant Time: Sep 01 06:36:55 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	123931	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	488007	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	253985	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	427046	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	280982	20.00	ng	-0.01
87) Perylene-d12	15.44	264	288420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	922088	120.54	ng	0.00
7) Phenol-d6	6.47	99	1184790	117.95	ng	0.00
23) Nitrobenzene-d5	7.40	82	852439	99.72	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	278770	164.18	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1410473	93.68	ng	0.00
79) Terphenyl-d14	12.95	244	1509923	99.41	ng	0.00

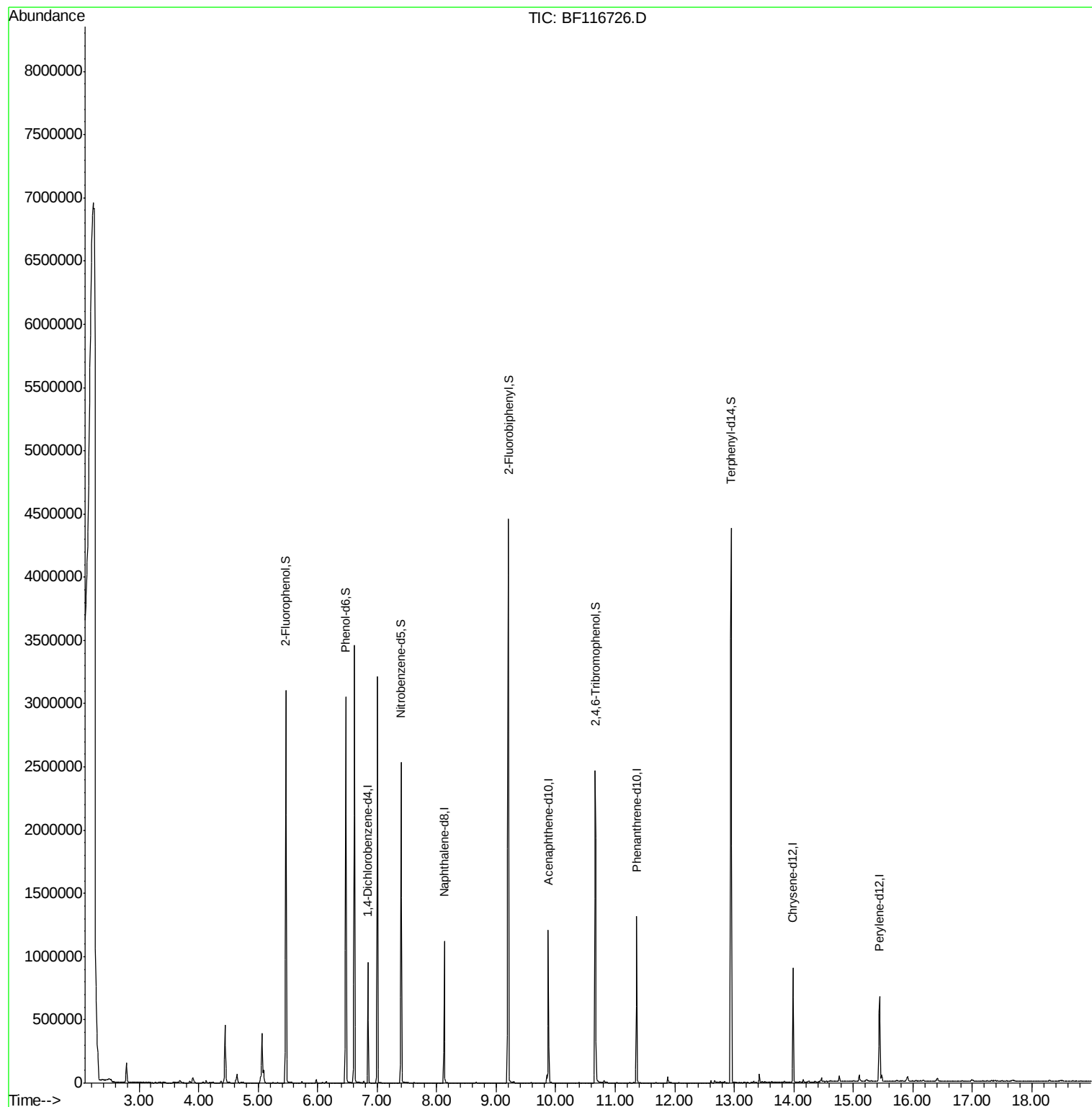
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116726.D
Acq On : 1 Sep 2019 5:28
Operator : HP/JU
Sample : K4517-33
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T4-S-C

Quant Time: Sep 01 06:36:55 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



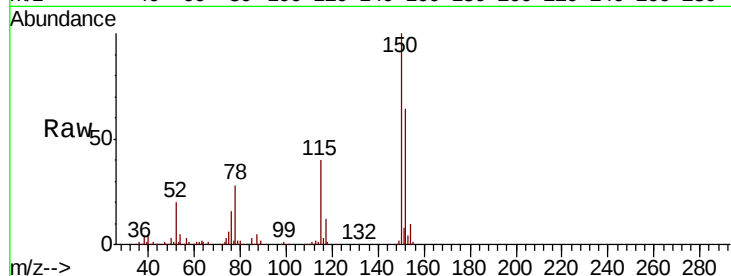


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116726.D
Acq: 1 Sep 2019 5:28

Instrument :
BNA_F
ClientSampleId :
T4-S-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.4	186.6
115	62.5	49.9	74.9

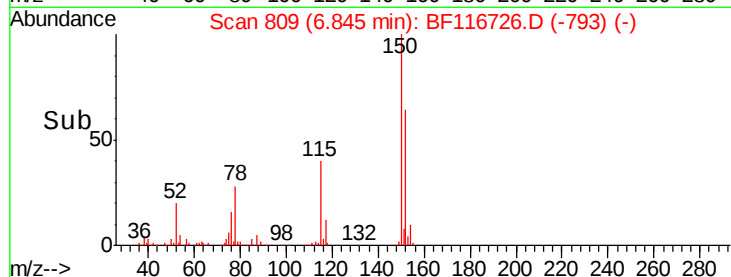
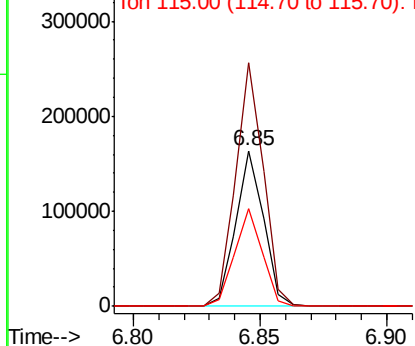


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

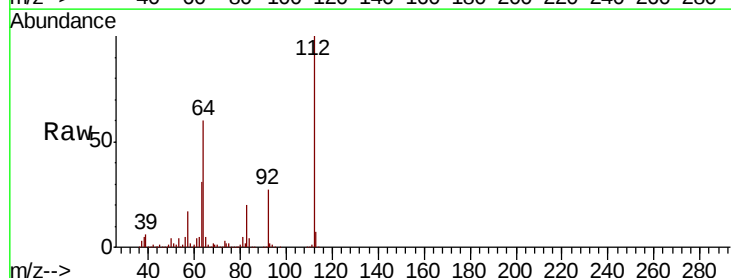
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.538 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116726.D
Acq: 1 Sep 2019 5:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.1	70.7
63	31.5	24.9	37.3

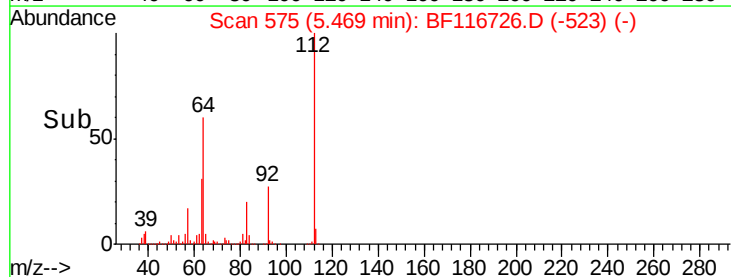
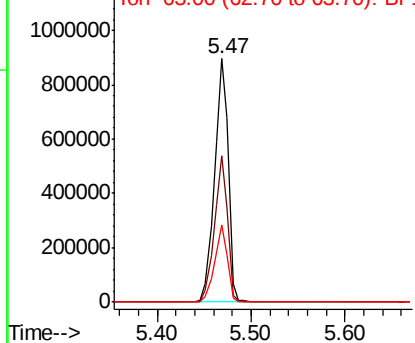


Abundance

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: 117.948 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116726.D

Acq: 1 Sep 2019 5:28

Instrument :

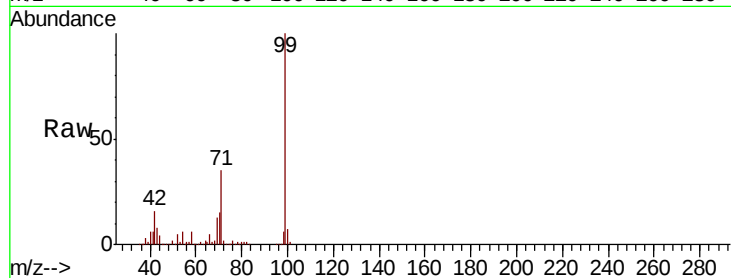
BNA_F

ClientSampleId :

T4-S-C

Tot Ion: 99 Resp: 1184790

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.7	20.5
71	35.3	30.8	46.2

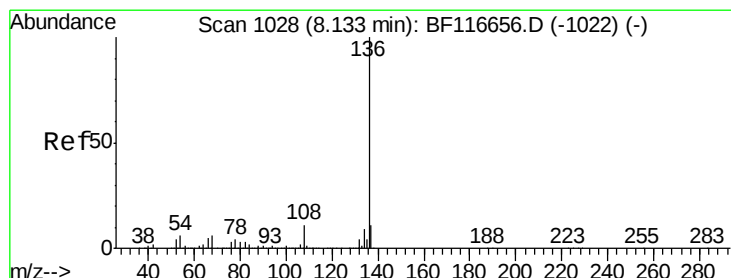
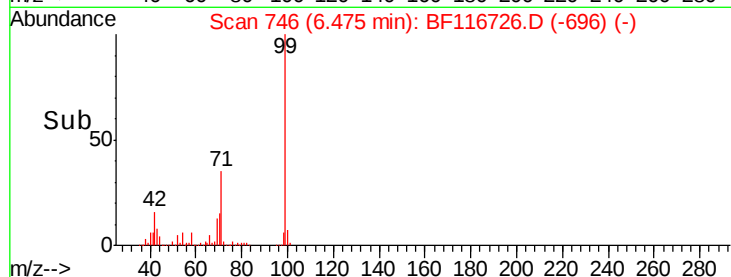


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

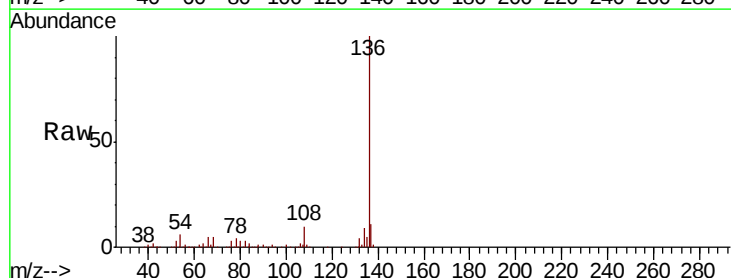
Delta R.T. -0.01 min

Lab File: BF116726.D

Acq: 1 Sep 2019 5:28

Tgt Ion: 136 Resp: 488007

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.7	4.8	7.2
68	5.4	4.0	6.0



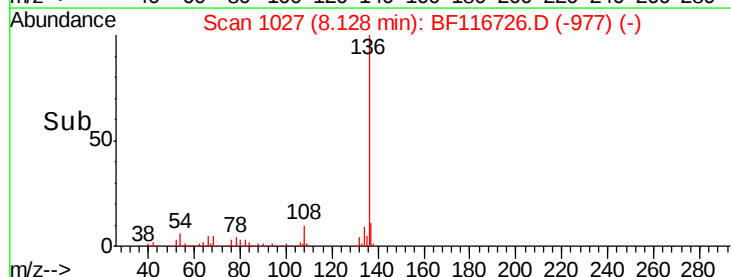
Abundance

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

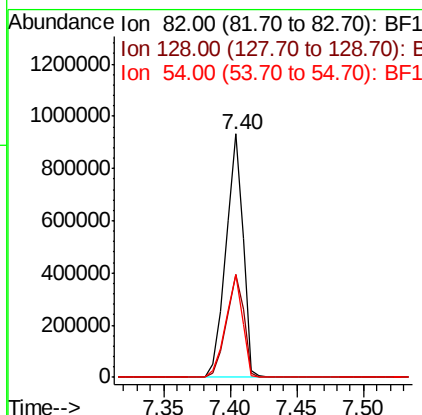
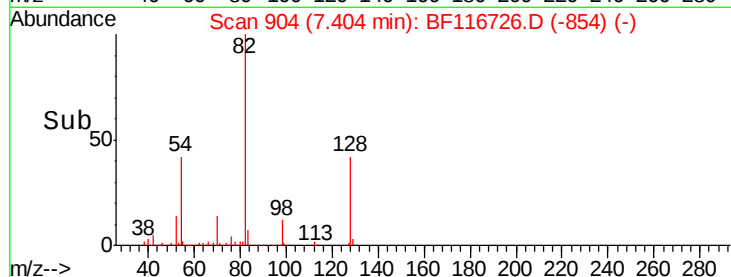
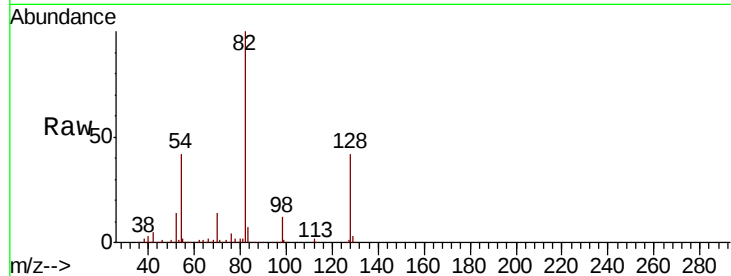




#23
 Nitrobenzene-d5
 Concen: 99.719 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116726.D
 Acq: 1 Sep 2019 5:28

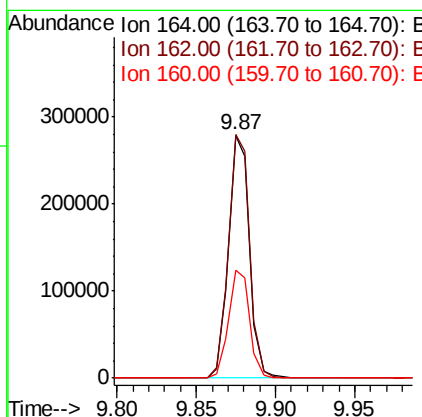
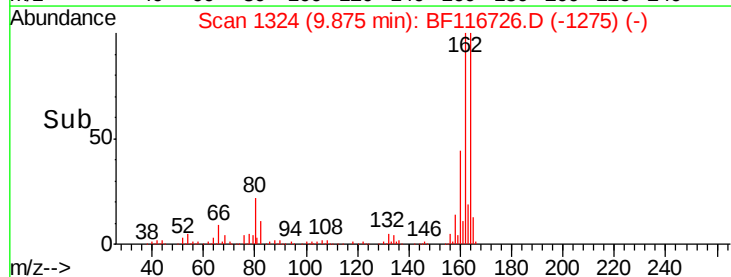
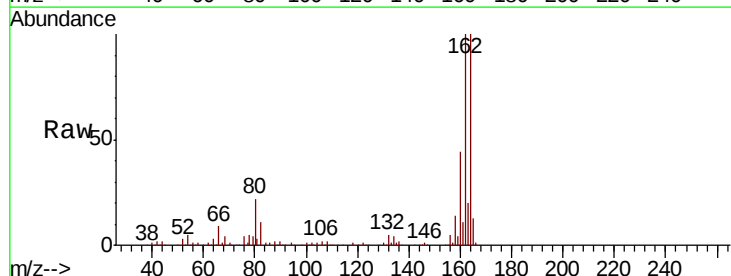
Instrument :
 BNA_F
 ClientSampleId :
 T4-S-C

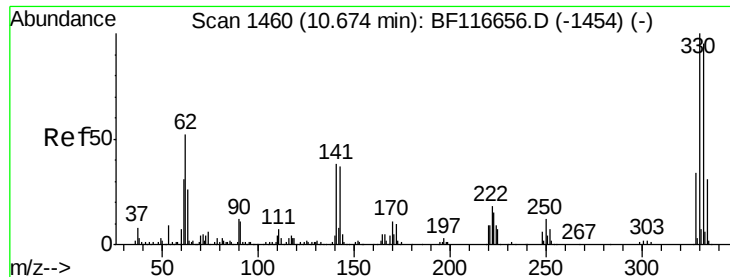
Tot Ion	82	Resp	852439
Ion Ratio	Lower	Upper	
82	100		
128	42.2	32.8	49.2
54	42.3	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116726.D
 Acq: 1 Sep 2019 5:28

Tgt Ion	164	Resp	253985
Ion Ratio	Lower	Upper	
164	100		
162	100.4	81.4	122.0
160	44.4	35.4	53.2

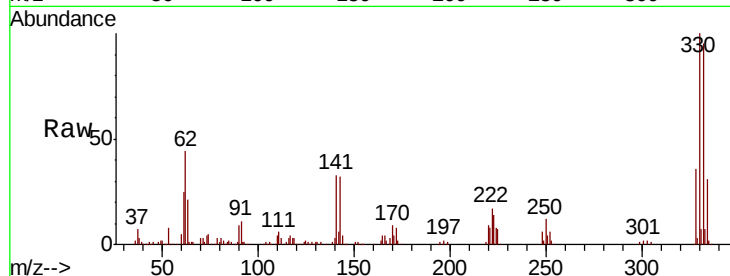




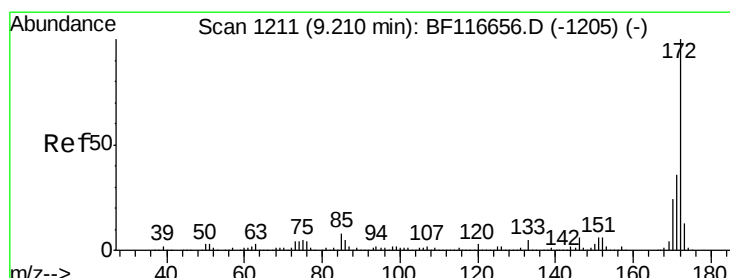
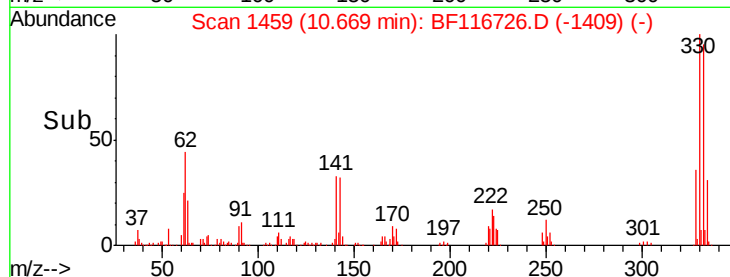
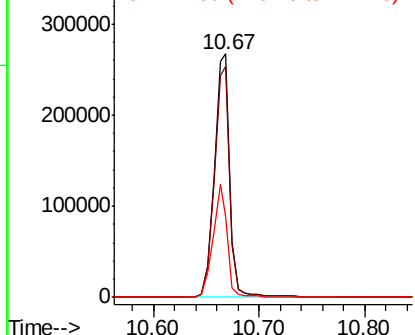
#42
 2,4,6-Tribromophenol
 Concen: 164.181 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116726.D
 Acq: 1 Sep 2019 5:28

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	42.8	31.4	47.2

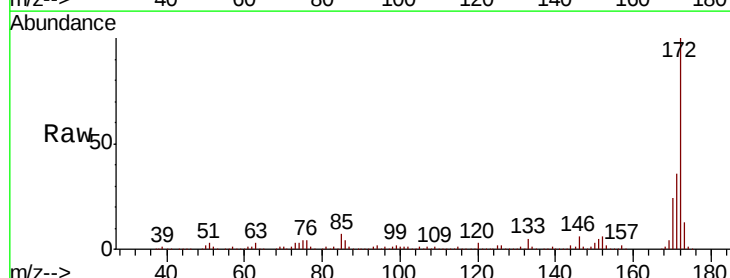


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

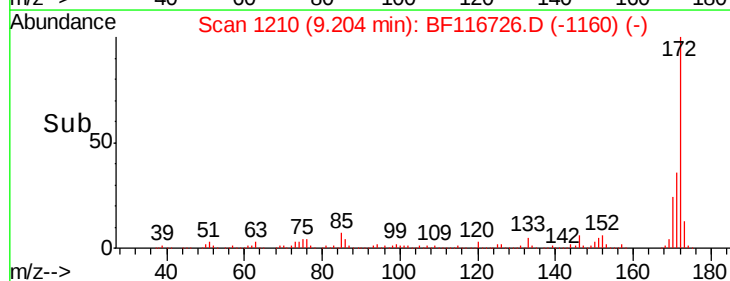
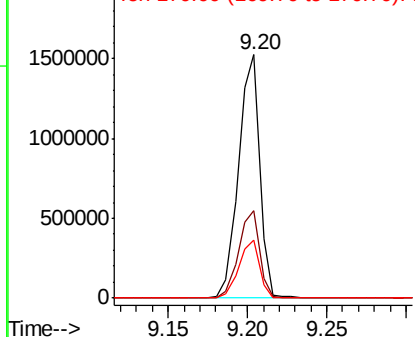


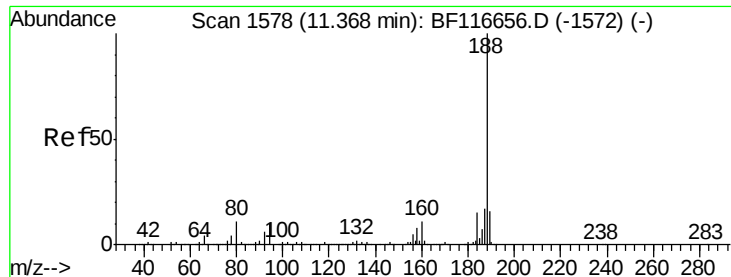
#45
 2-Fluorobiphenyl
 Concen: 93.680 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116726.D
 Acq: 1 Sep 2019 5:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	23.8	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: BF116726.D

Acq: 1 Sep 2019 5:28

Instrument :

BNA_F

ClientSampleId :

T4-S-C

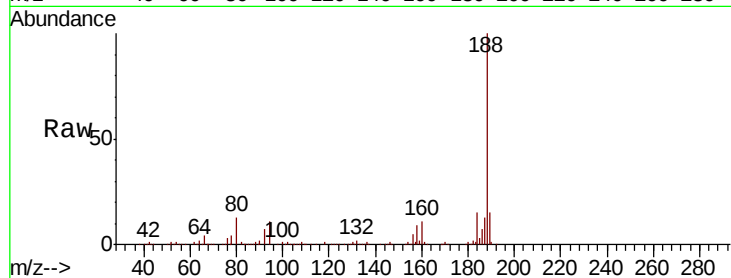
Tot Ion:188 Resp: 427046

Ion Ratio Lower Upper

188 100

94 11.4 7.3 10.9#

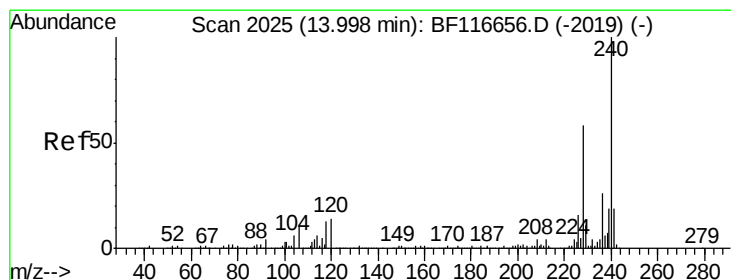
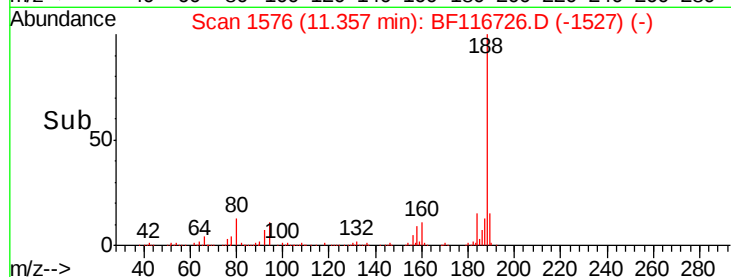
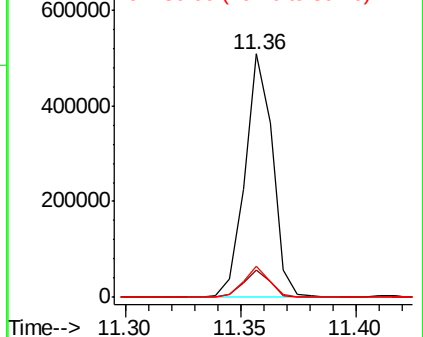
80 12.7 8.4 12.6#



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# 2023

Delta R.T. -0.01 min

Lab File: BF116726.D

Acq: 1 Sep 2019 5:28

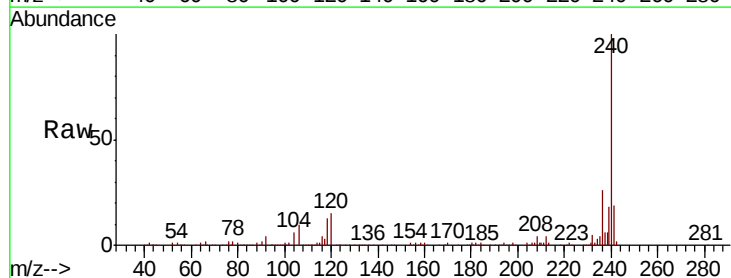
Tgt Ion:240 Resp: 280982

Ion Ratio Lower Upper

240 100

120 14.9 9.1 13.7#

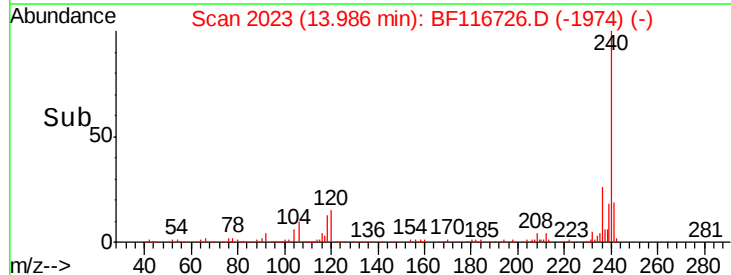
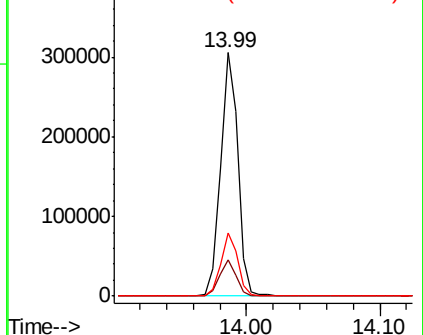
236 25.8 21.1 31.7

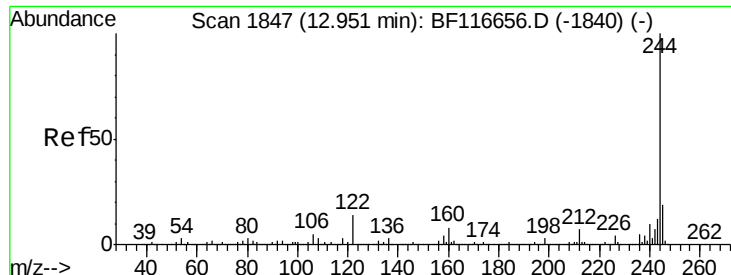


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

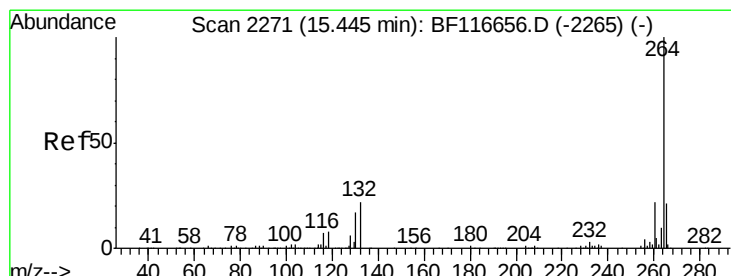
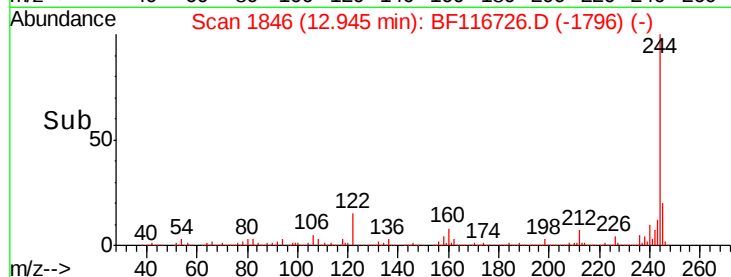
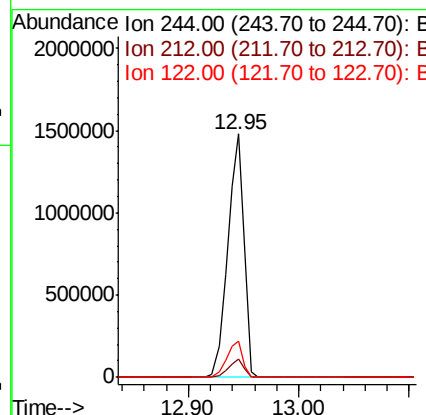
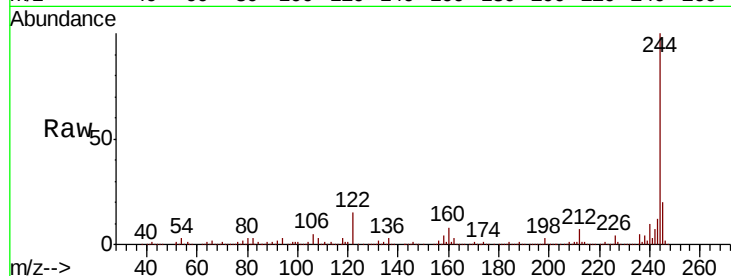




#79
 Terphenyl-d14
 Concen: 99.411 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116726.D
 Acq: 1 Sep 2019 5:28

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-C

Tot Ion:244 Resp: 1509923
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 15.0 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116726.D
 Acq: 1 Sep 2019 5:28

Tgt Ion:264 Resp: 288420
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.3 27.5
 265 21.2 16.5 24.7

