

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116721.D
 Acq On : 1 Sep 2019 3:13
 Operator : HP/JU
 Sample : K4089-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-082919

Quant Time: Sep 01 04:58:54 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

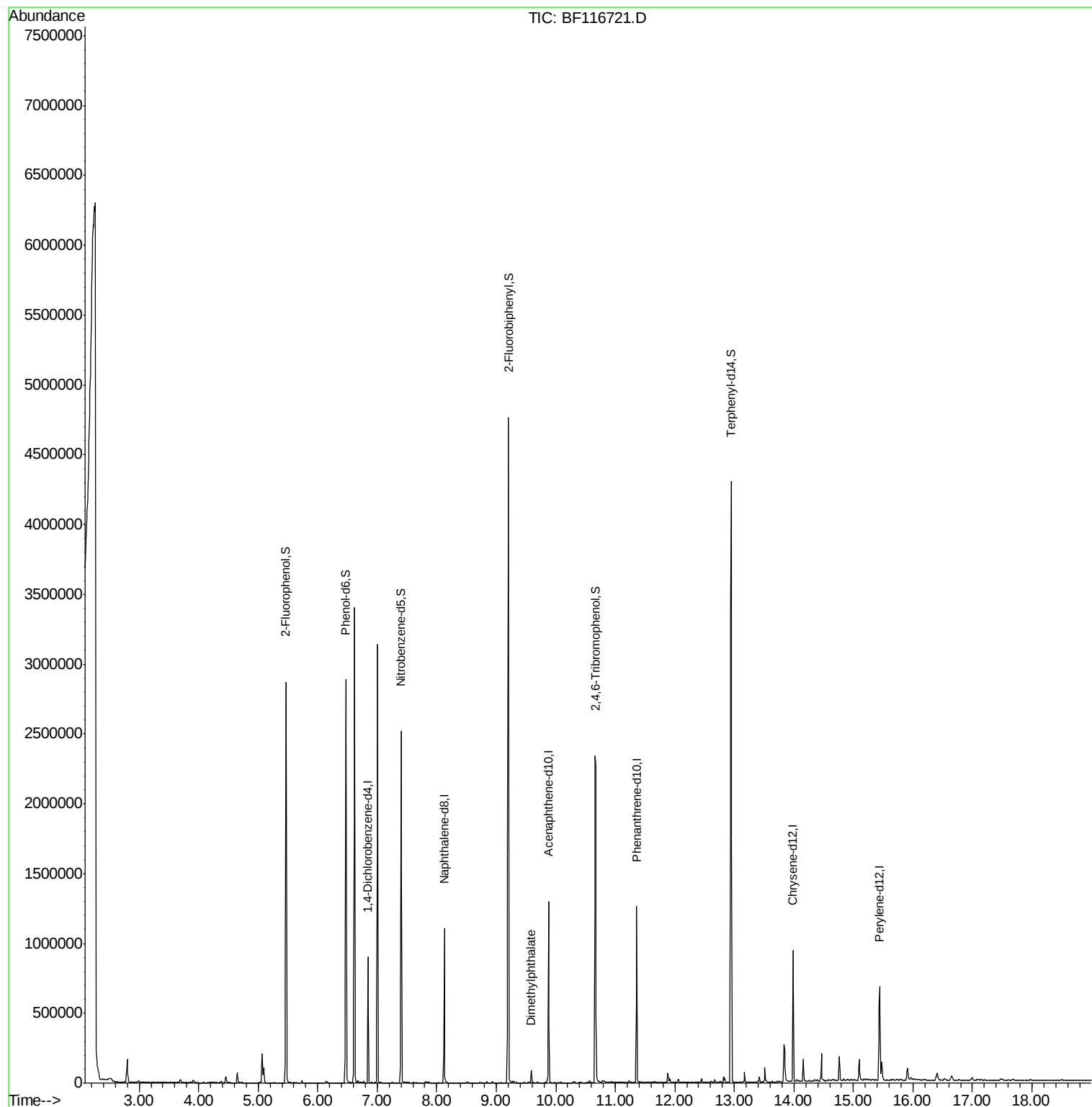
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123040	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	486555	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	256343	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	426110	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	281998	20.00	ng	-0.01
87) Perylene-d12	15.44	264	295958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	916717	120.70	ng	0.01
7) Phenol-d6	6.47	99	1129443	113.25	ng	0.00
23) Nitrobenzene-d5	7.40	82	861879	101.12	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	277531	161.95	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1417271	93.27	ng	0.00
79) Terphenyl-d14	12.94	244	1427980	93.68	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	37896	2.141	ng	96

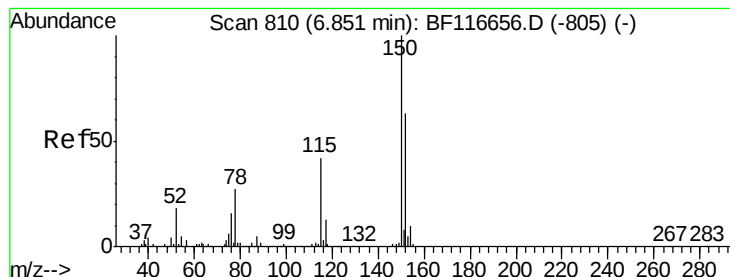
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF116721.D

Acq: 1 Sep 2019 3:13

Instrument :

BNA_F

ClientSampleId :

OK-02-082919

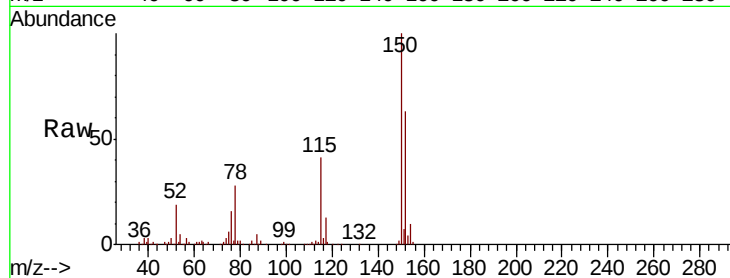
Tot Ion:152 Resp: 123040

Ion Ratio Lower Upper

152 100

150 157.8 124.4 186.6

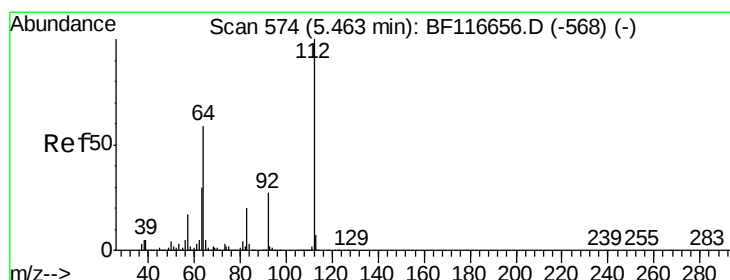
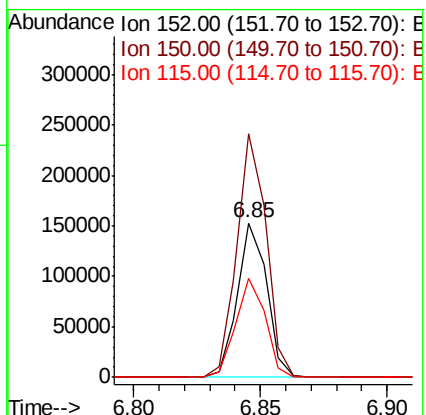
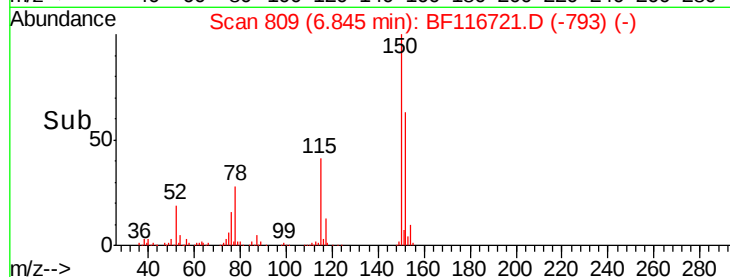
115 64.1 49.9 74.9



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: 120.703 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116721.D

Acq: 1 Sep 2019 3:13

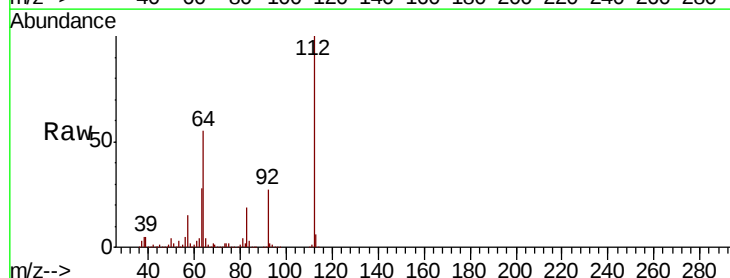
Tgt Ion:112 Resp: 916717

Ion Ratio Lower Upper

112 100

64 55.1 47.1 70.7

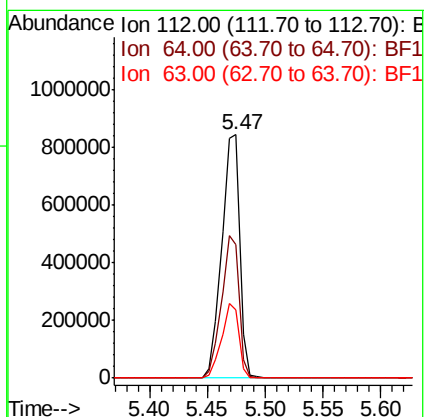
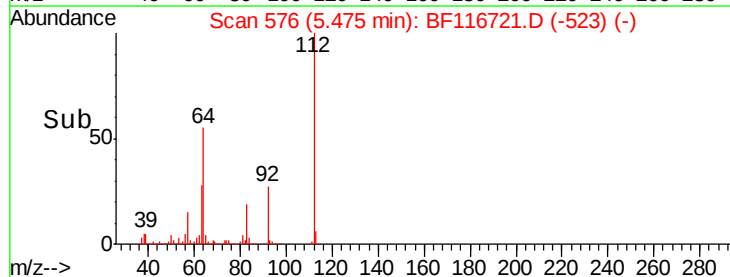
63 28.0 24.9 37.3



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: 113.252 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116721.D

Acq: 1 Sep 2019 3:13

Instrument :

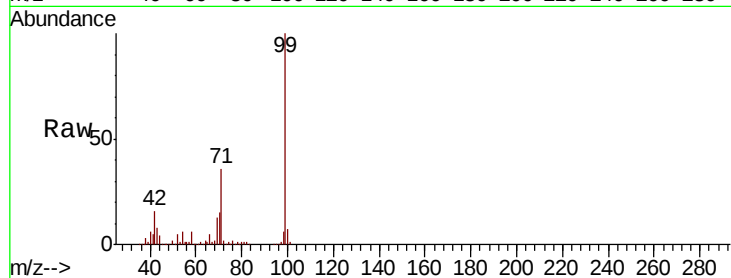
BNA_F

ClientSampleId :

OK-02-082919

Tot Ion: 99 Resp: 1129443

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.7	20.5
71	35.6	30.8	46.2

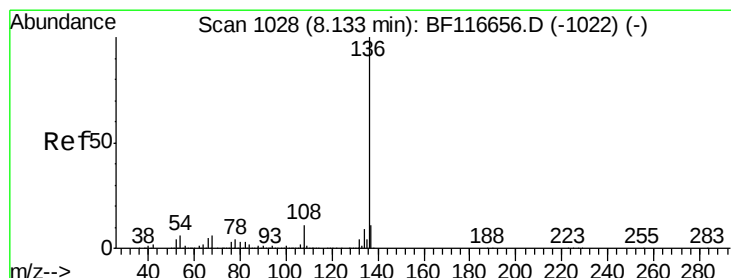
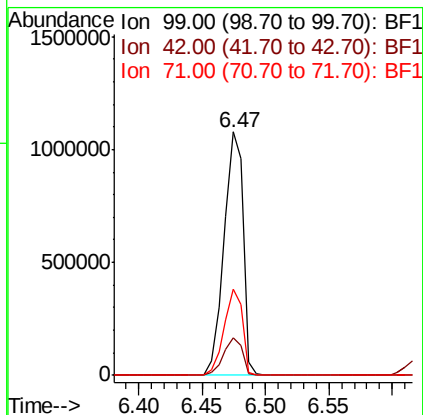
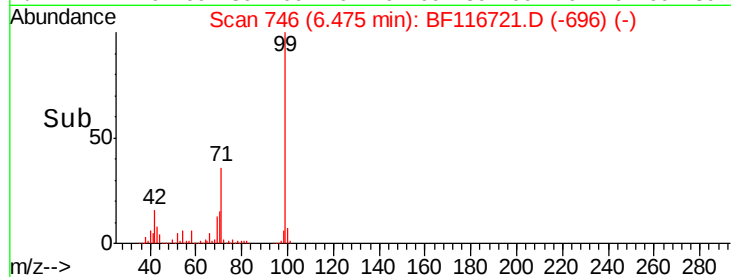


Abundance

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

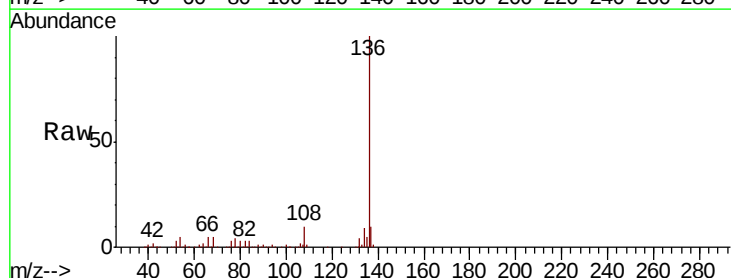
Delta R.T. -0.01 min

Lab File: BF116721.D

Acq: 1 Sep 2019 3:13

Tgt Ion: 136 Resp: 486555

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	5.5	4.8	7.2
68	5.4	4.0	6.0



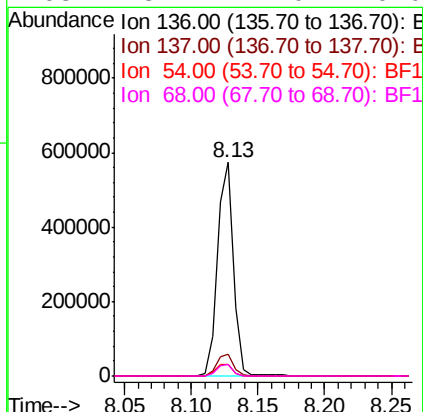
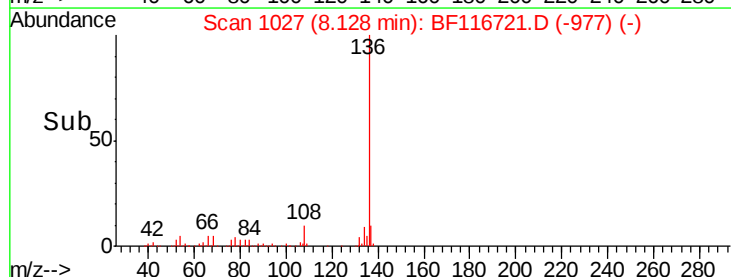
Abundance

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

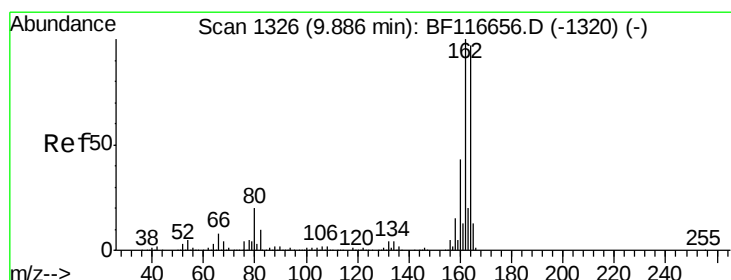
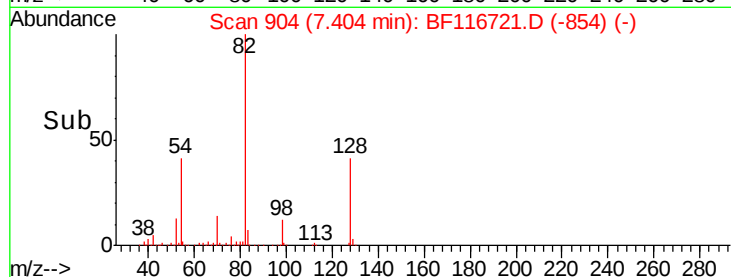
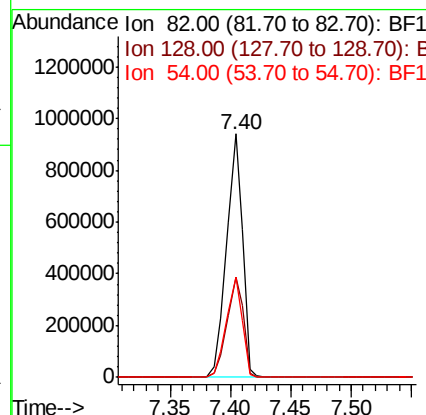
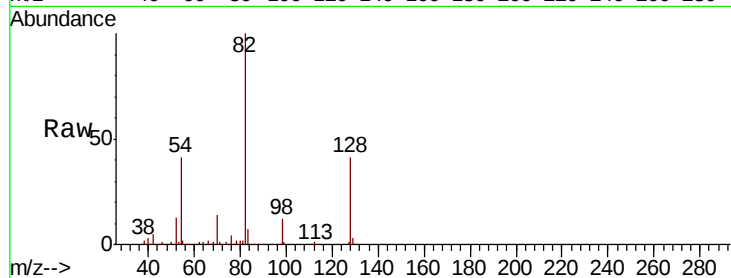




#23
 Nitrobenzene-d5
 Concen: 101.124 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116721.D
 Acq: 1 Sep 2019 3:13

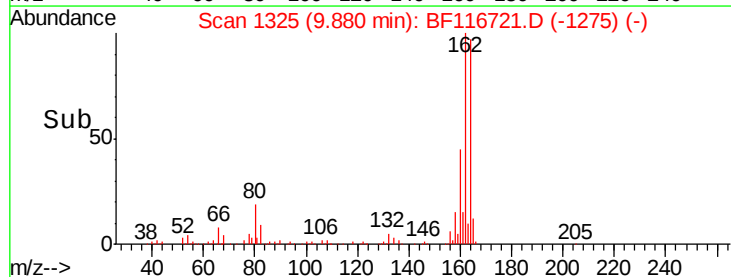
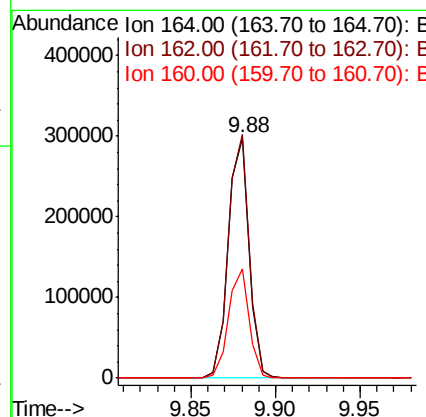
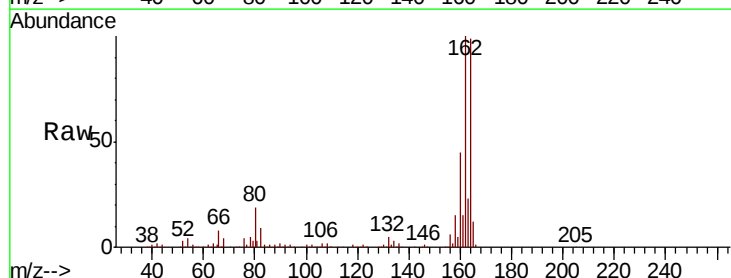
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-082919

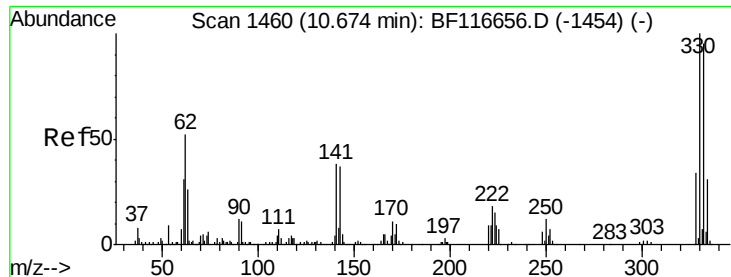
Tot Ion	82	Resp	861879
Ion Ratio	Lower	Upper	
82	100		
128	40.9	32.8	49.2
54	41.4	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116721.D
 Acq: 1 Sep 2019 3:13

Tgt Ion	164	Resp	256343
Ion Ratio	Lower	Upper	
164	100		
162	101.3	81.4	122.0
160	45.2	35.4	53.2

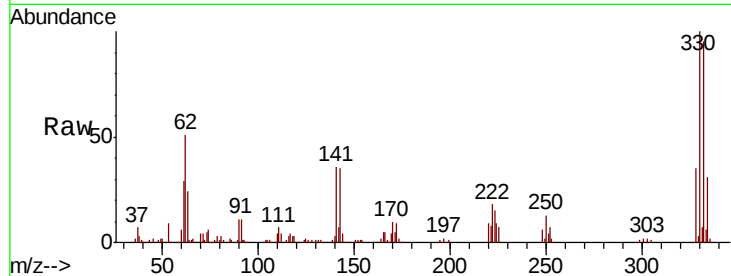




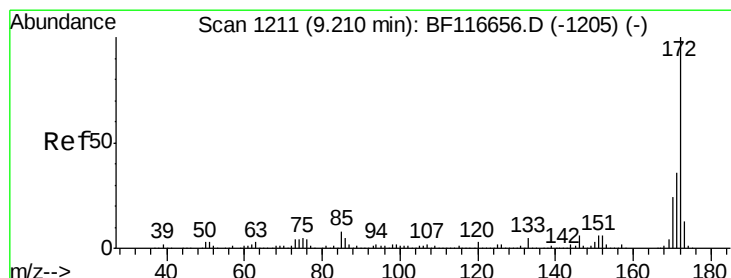
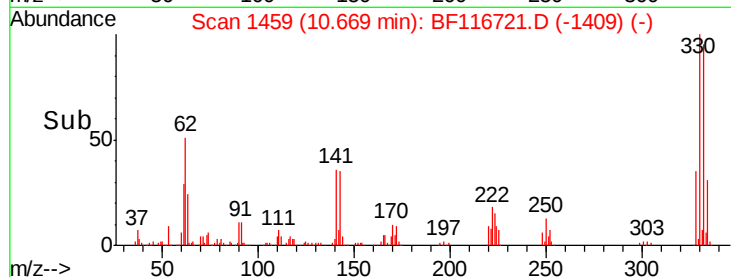
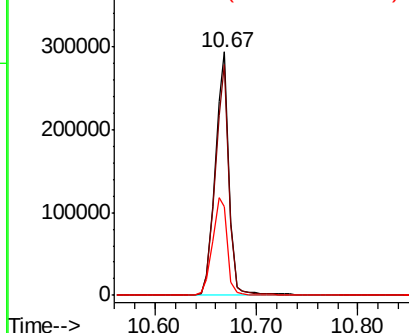
#42
 2,4,6-Tribromophenol
 Concen: 161.948 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116721.D
 Acq: 1 Sep 2019 3:13

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-082919

Tot Ion:330 Resp: 277531
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.9 115.3
 141 43.7 31.4 47.2

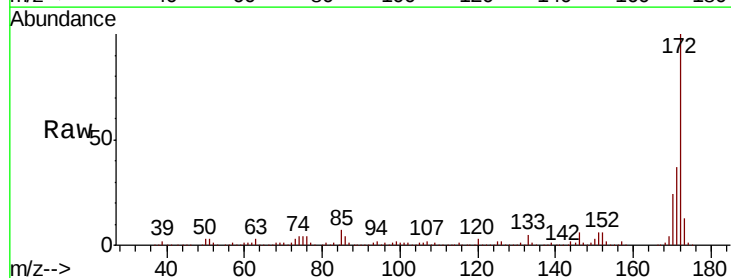


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

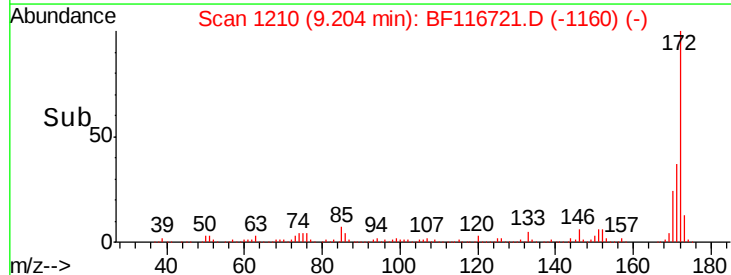
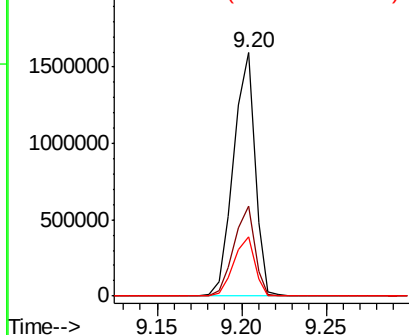


#45
 2-Fluorobiphenyl
 Concen: 93.265 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116721.D
 Acq: 1 Sep 2019 3:13

Tgt Ion:172 Resp: 1417271
 Ion Ratio Lower Upper
 172 100
 171 36.7 27.8 41.6
 170 24.5 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

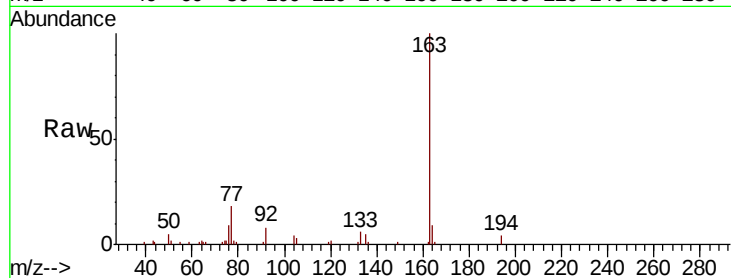




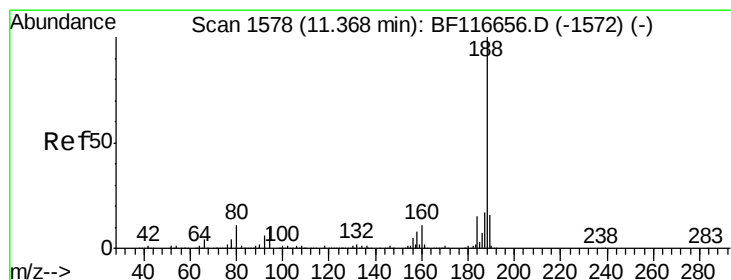
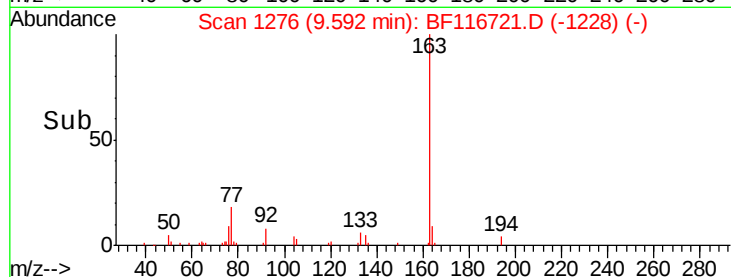
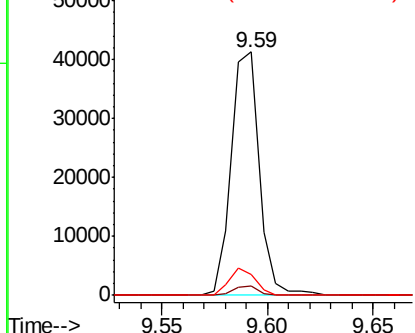
#50
Dimethylphthalate
Concen: 2.141 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116721.D
Acq: 1 Sep 2019 3:13

Instrument :
BNA_F
ClientSampleId :
OK-02-082919

Tot Ion:163 Resp: 37896
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 8.8 8.6 12.8

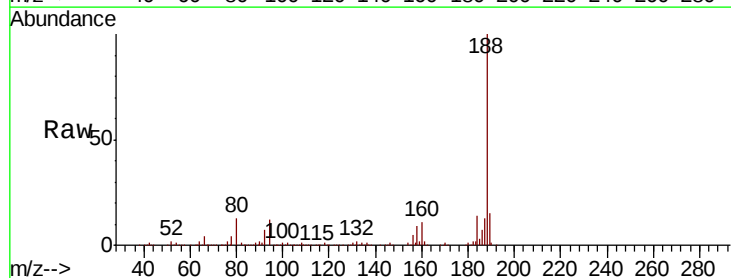


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

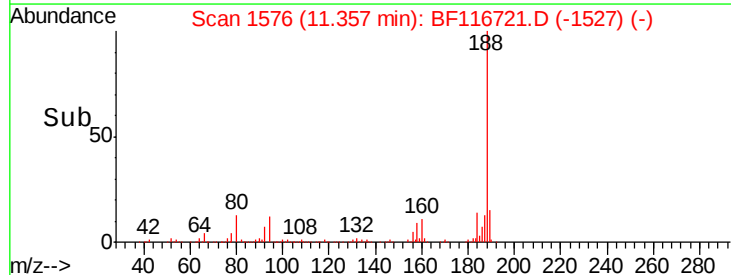
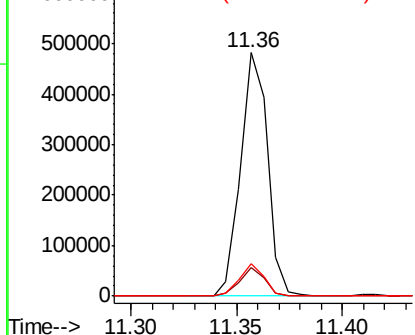


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116721.D
Acq: 1 Sep 2019 3:13

Tgt Ion:188 Resp: 426110
Ion Ratio Lower Upper
188 100
94 11.7 7.3 10.9#
80 13.5 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

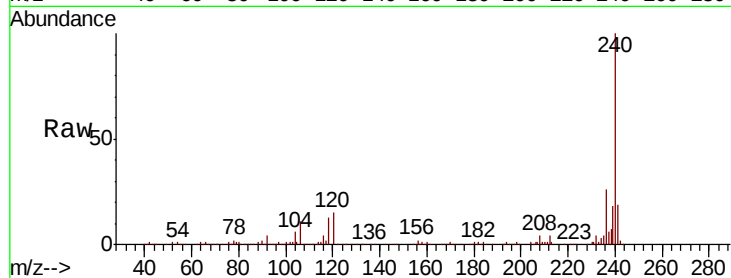




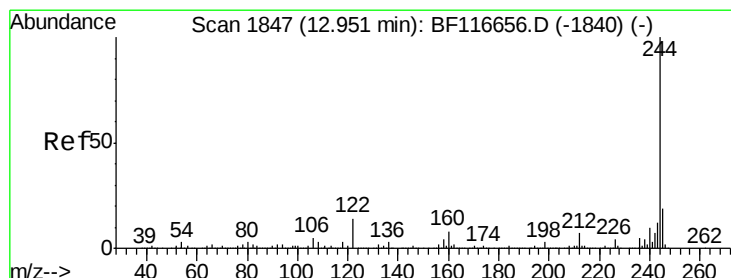
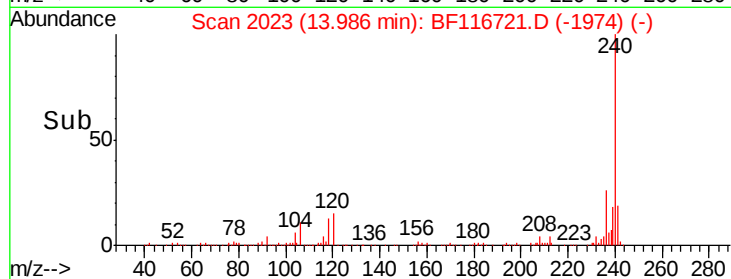
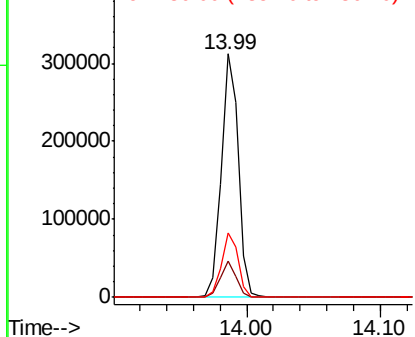
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116721.D
Acq: 1 Sep 2019 3:13

Instrument :
BNA_F
ClientSampleId :
OK-02-082919

Tot Ion:240 Resp: 281998
Ion Ratio Lower Upper
240 100
120 14.6 9.1 13.7#
236 26.4 21.1 31.7

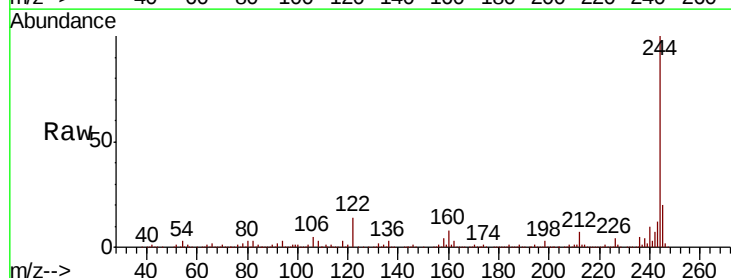


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

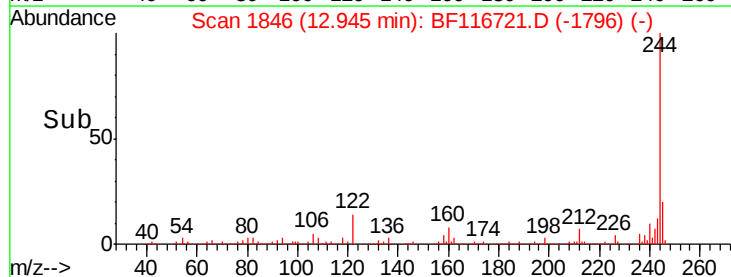
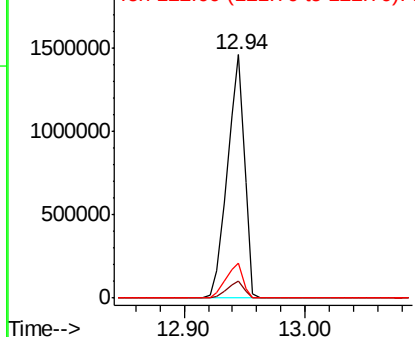


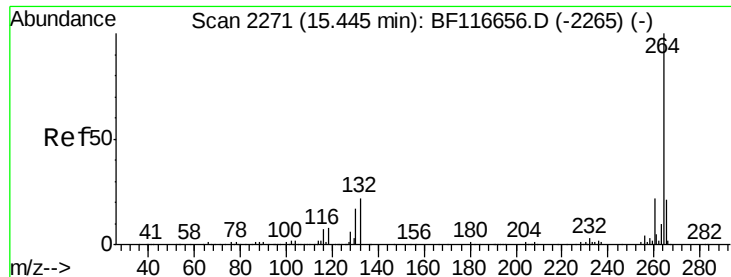
#79
Terphenyl-d14
Concen: 93.677 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116721.D
Acq: 1 Sep 2019 3:13

Tgt Ion:244 Resp: 1427980
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 14.4 10.2 15.4



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116721.D
 Acq: 1 Sep 2019 3:13

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-082919

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	21.3	16.5	24.7

