

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115022.D
 Acq On : 14 Jun 2019 00:30
 Operator : HP/JU
 Sample : K3345-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB_061219

Quant Time: Jun 14 05:00:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	292054	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1113036	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	546014	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1025026	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	672314	20.00	ng	-0.01
87) Perylene-d12	15.14	264	617772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1001531	57.26	ng	0.00
7) Phenol-d6	6.28	99	797365	37.79	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1598161	86.43	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	685469	117.23	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2878058	89.34	ng	0.00
79) Terphenyl-d14	12.73	244	2997126	83.85	ng	0.00

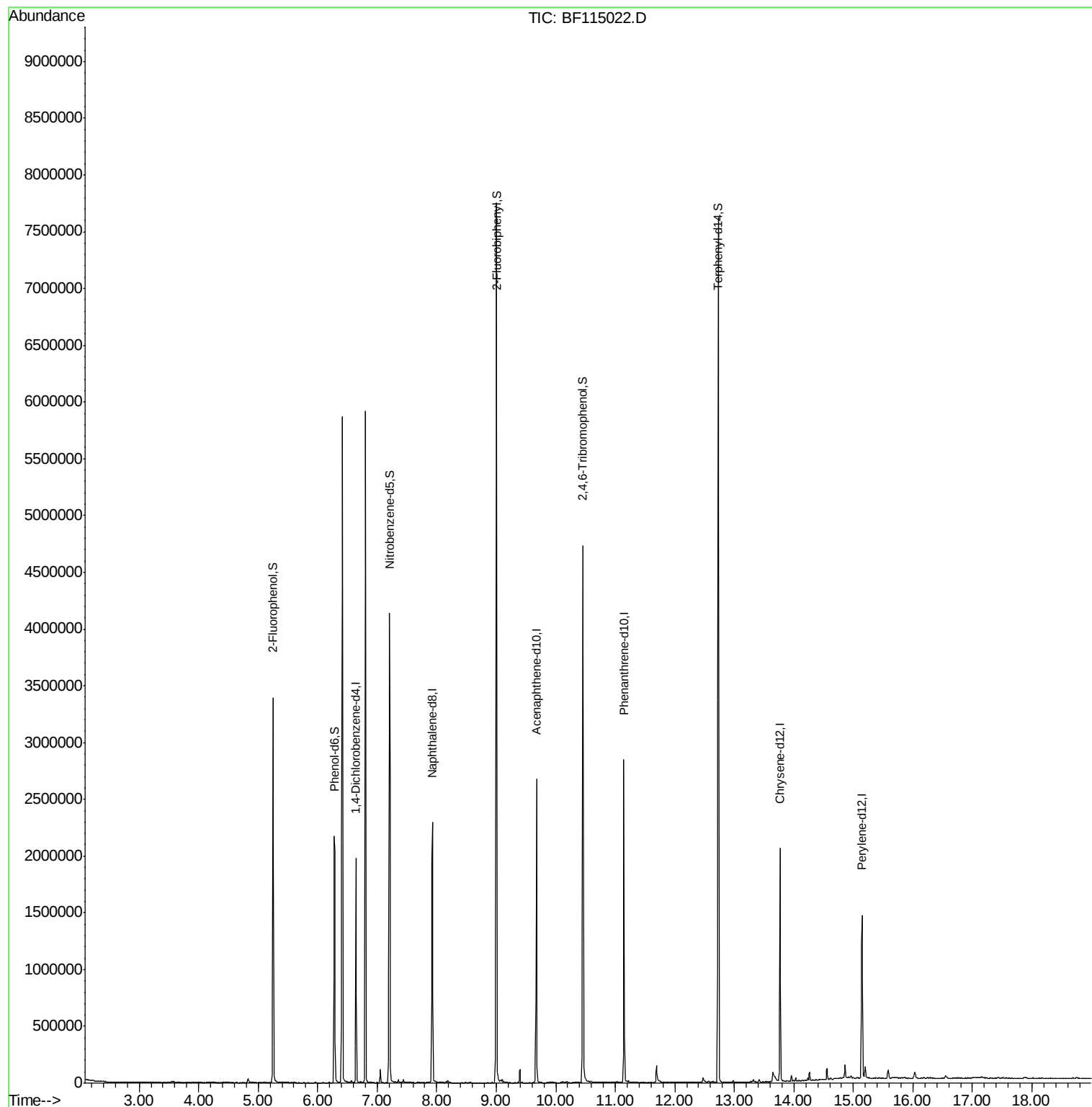
Target Compounds Qvalue

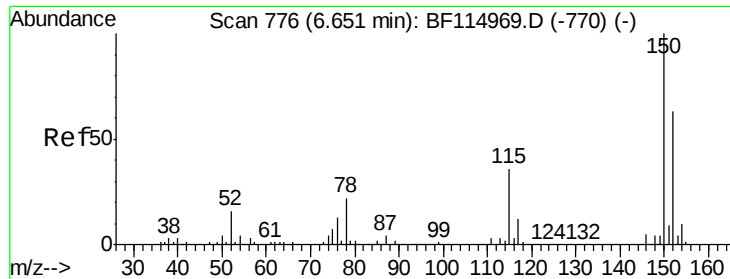
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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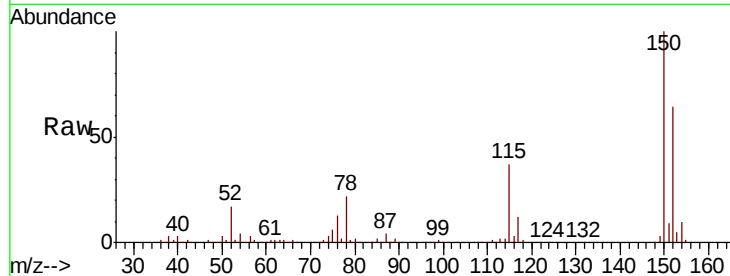


#1

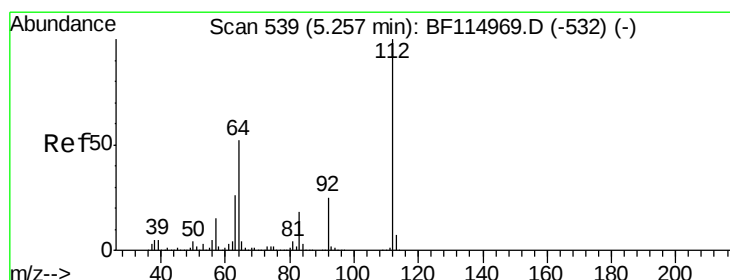
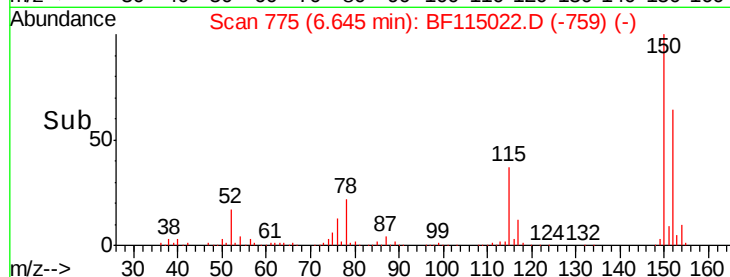
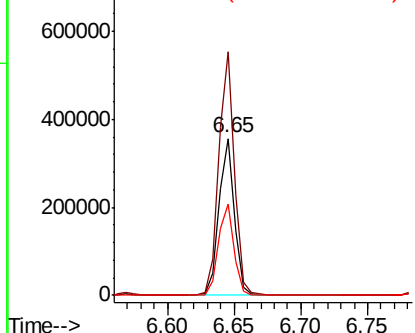
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115022.D
Acq: 14 Jun 2019 00:30

Instrument :
BNA_F
ClientSampleId :
FB_061219

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.4	191.0
115	58.1	46.0	69.0



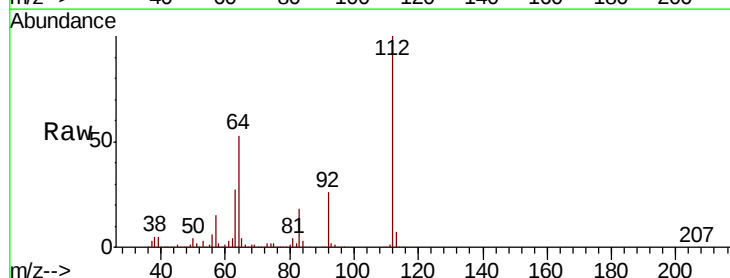
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



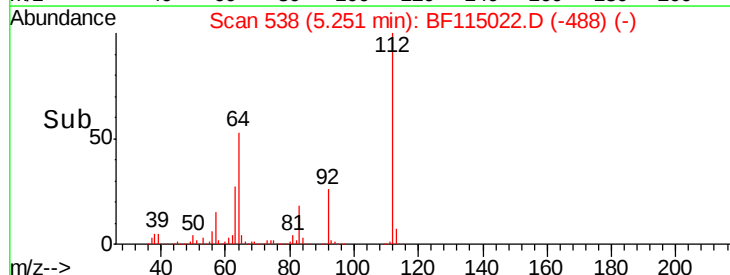
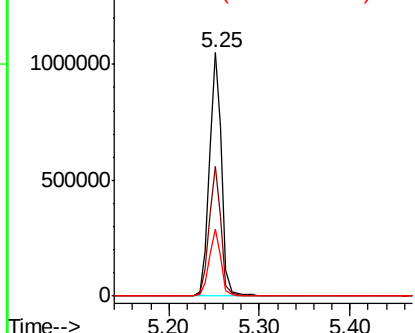
#5

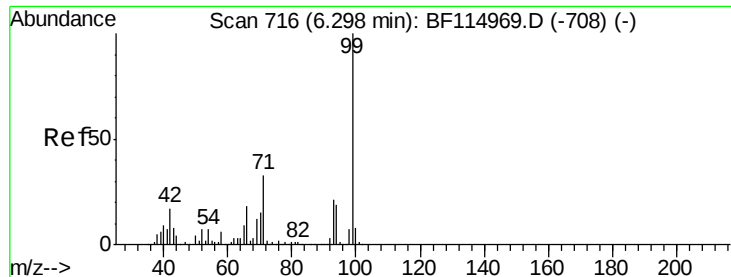
2-Fluorophenol
Concen: 57.261 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115022.D
Acq: 14 Jun 2019 00:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	41.6	62.4
63	27.4	20.9	31.3



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: 37.792 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115022.D

Acq: 14 Jun 2019 00:30

Instrument :

BNA_F

ClientSampled :

FB_061219

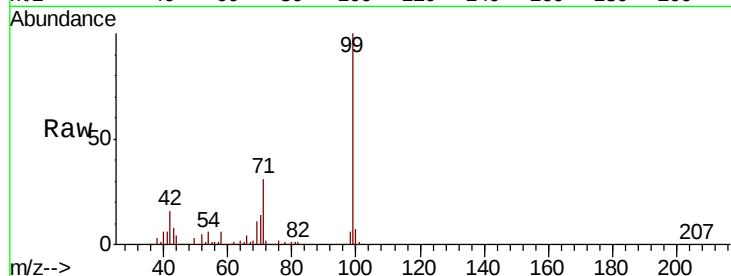
Tot Ion: 99 Resp: 797365

Ion Ratio Lower Upper

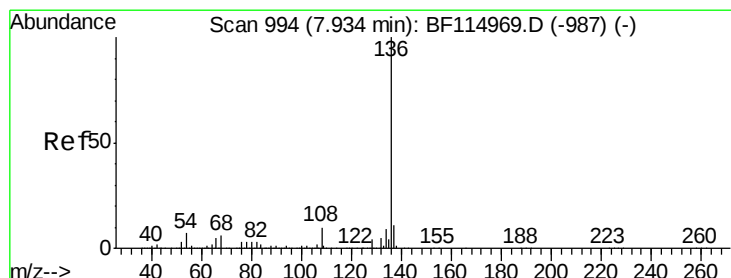
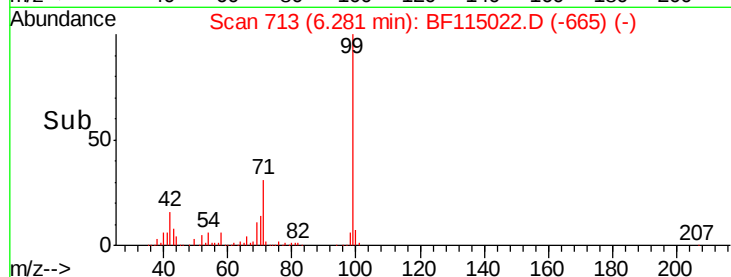
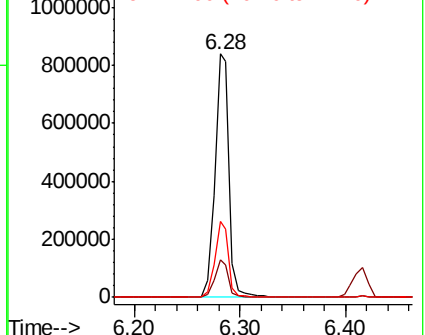
99 100

42 15.7 13.4 20.2

71 31.3 26.4 39.6



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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115022.D

Acq: 14 Jun 2019 00:30

Tgt Ion: 136 Resp: 1113036

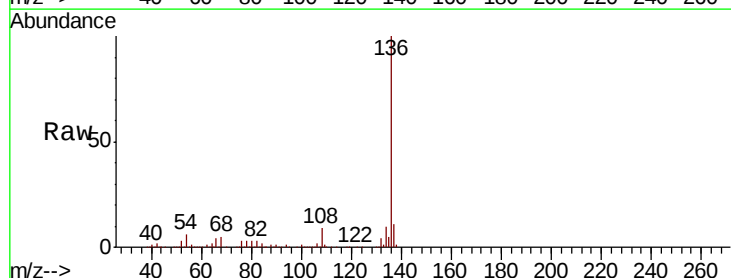
Ion Ratio Lower Upper

136 100

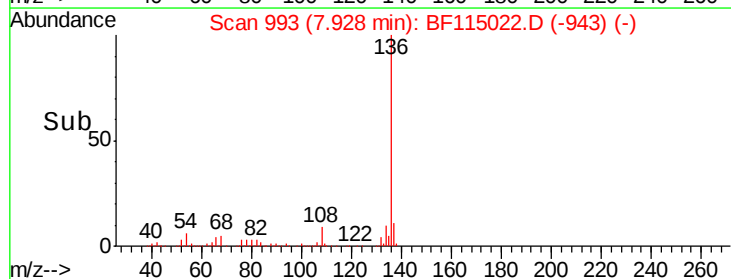
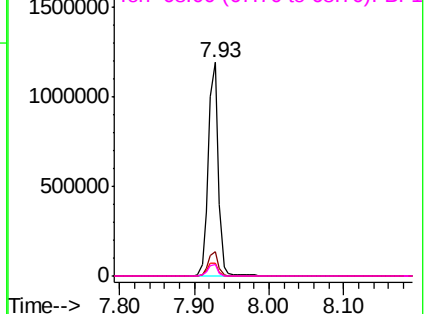
137 11.2 9.0 13.4

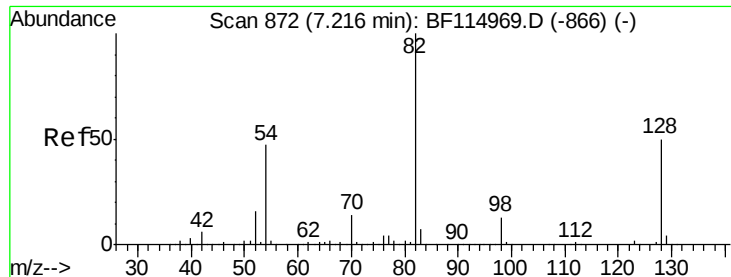
54 6.2 5.4 8.0

68 5.4 4.6 7.0



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

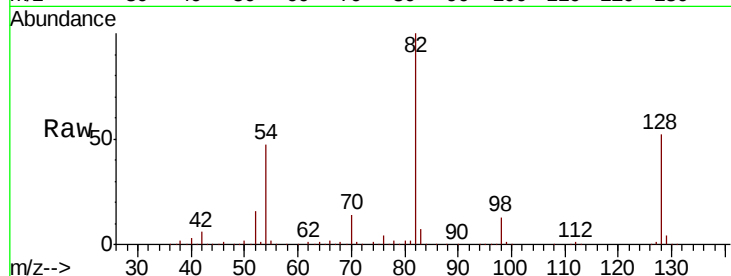




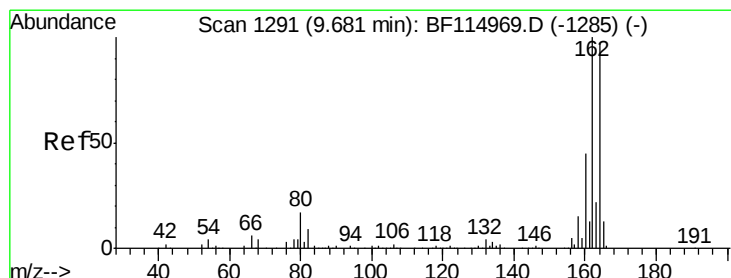
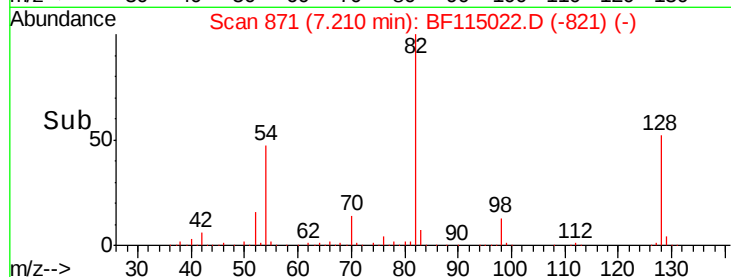
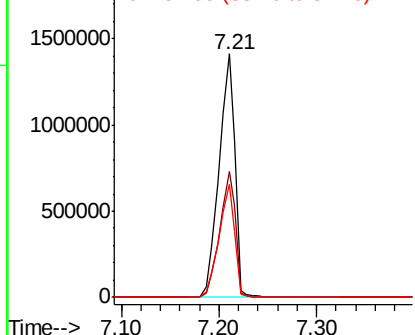
#23
 Nitrobenzene-d5
 Concen: 86.427 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115022.D
 Acq: 14 Jun 2019 00:30

Instrument :
 BNA_F
 ClientSampleId :
 FB_061219

Tot Ion: 82 Resp: 1598161
 Ion Ratio Lower Upper
 82 100
 128 51.8 39.9 59.9
 54 46.7 37.3 55.9

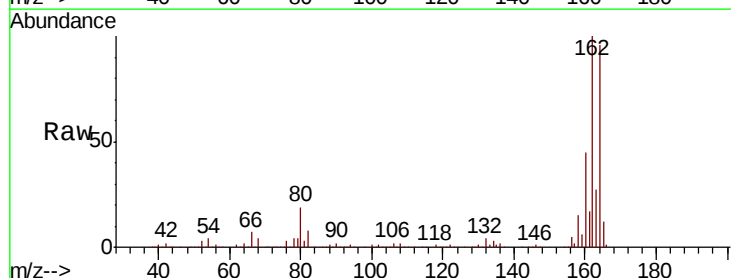


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

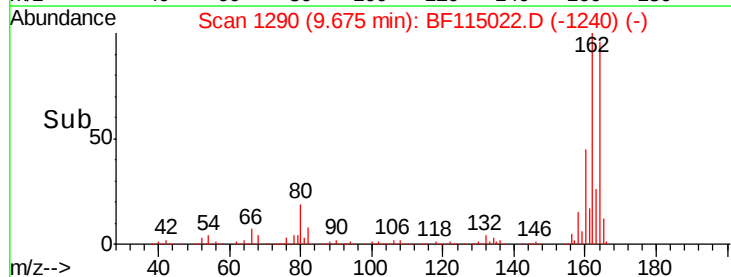
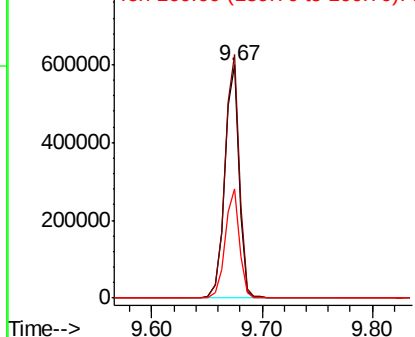


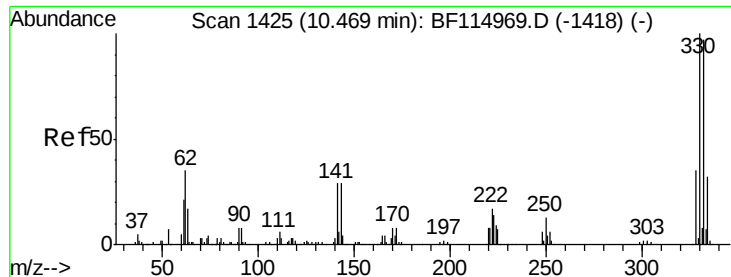
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115022.D
 Acq: 14 Jun 2019 00:30

Tgt Ion:164 Resp: 546014
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 124.0
 160 47.0 36.9 55.3



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

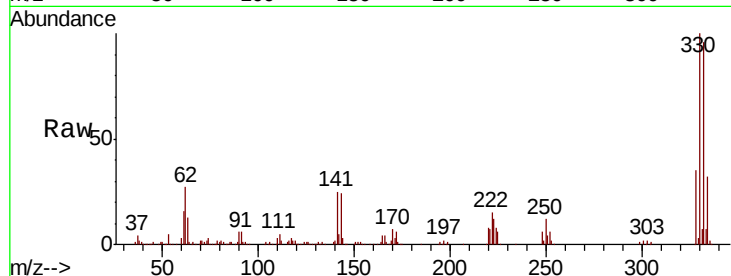




#42
 2,4,6-Tribromophenol
 Concen: 117.233 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115022.D
 Acq: 14 Jun 2019 00:30

Instrument :
 BNA_F
 ClientSampleId :
 FB_061219

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.6	116.4
141	33.2	27.2	40.8

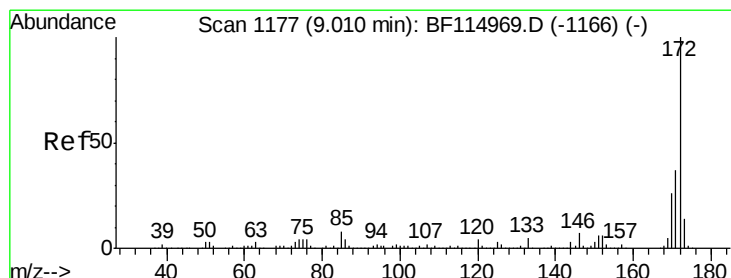
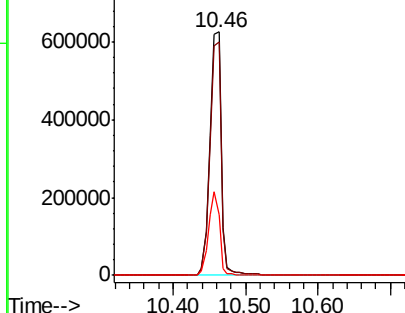
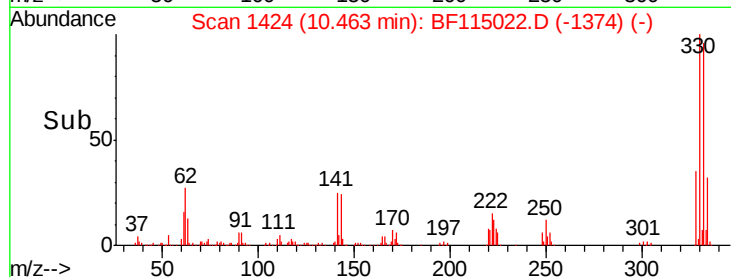


Abundance

Ion 329.80 (329.50 to 330.50): E

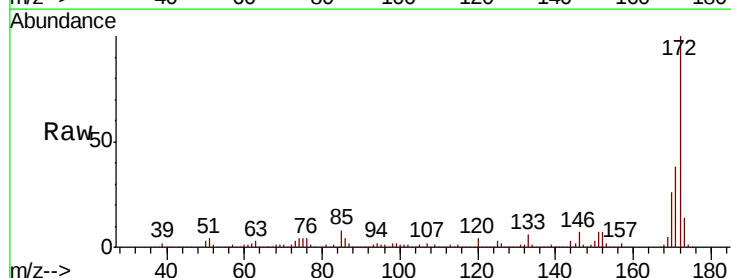
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.335 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115022.D
 Acq: 14 Jun 2019 00:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	25.9	20.6	31.0

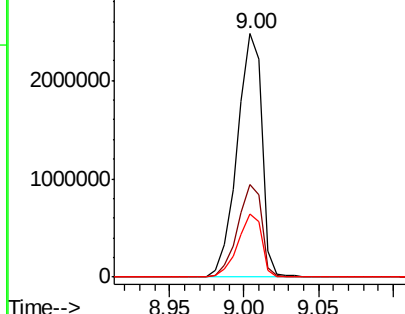
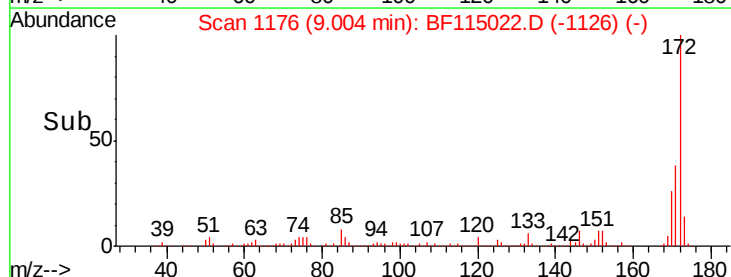


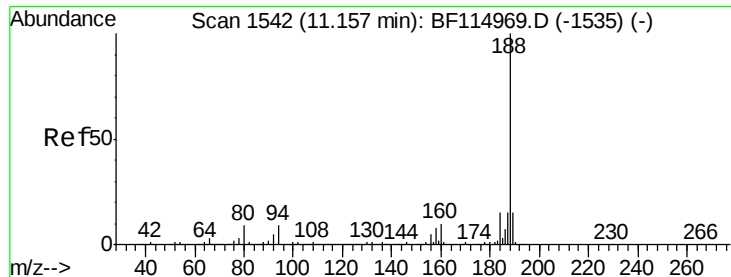
Abundance

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: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115022.D

Acq: 14 Jun 2019 00:30

Instrument :

BNA_F

ClientSampleId :

FB_061219

Tot Ion:188 Resp: 1025026

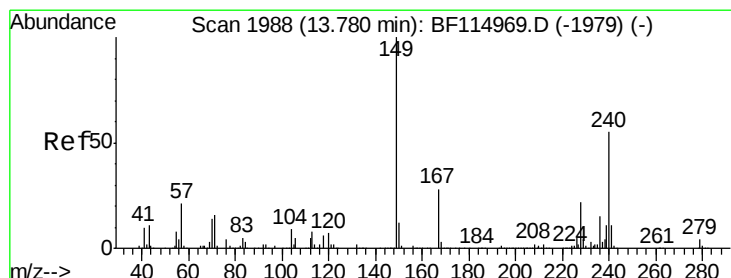
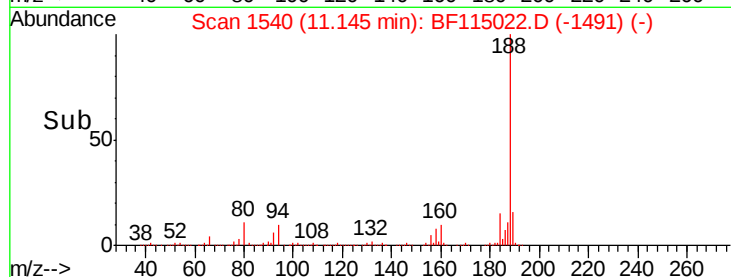
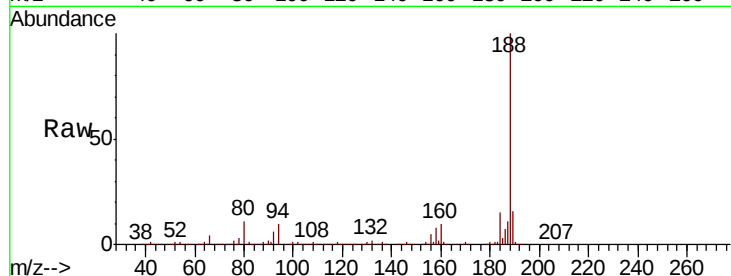
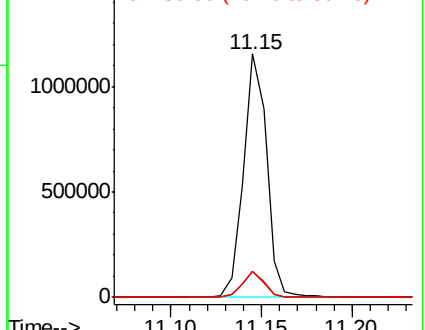
Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.2	10.8
80	10.6	7.4	11.2

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: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF115022.D

Acq: 14 Jun 2019 00:30

Tgt Ion:240 Resp: 672314

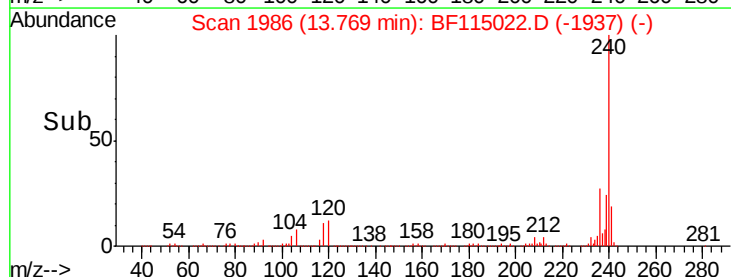
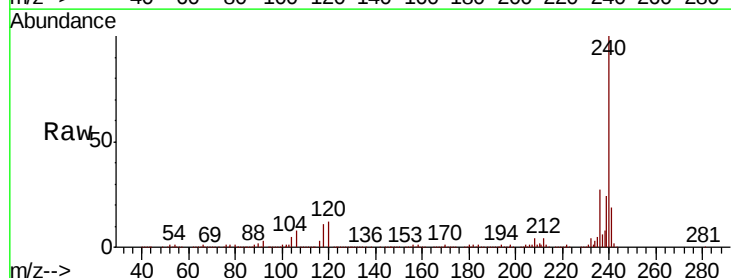
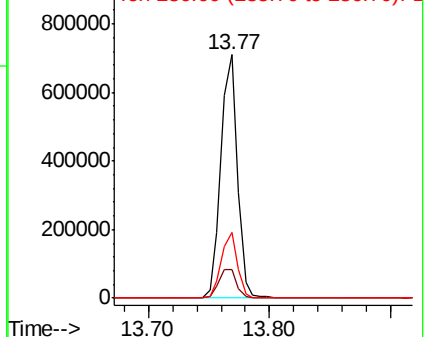
Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.0	15.0
236	26.8	21.6	32.4

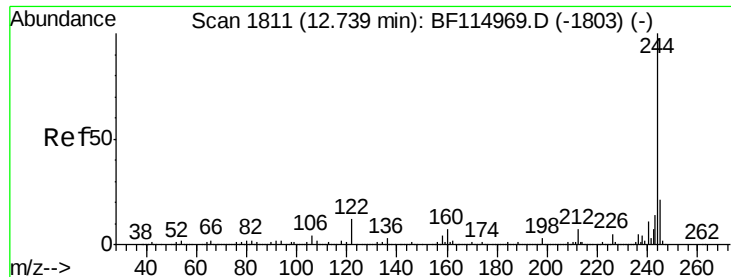
Abundance

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

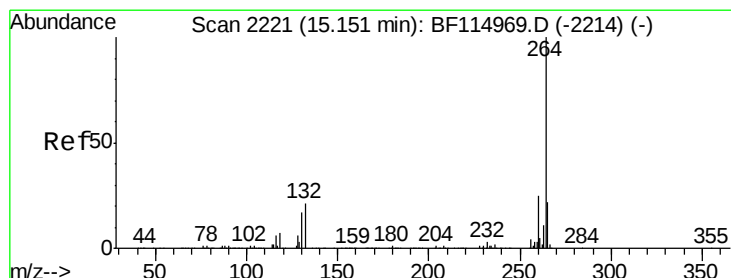
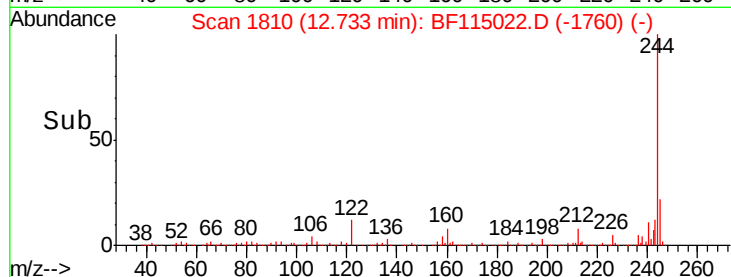
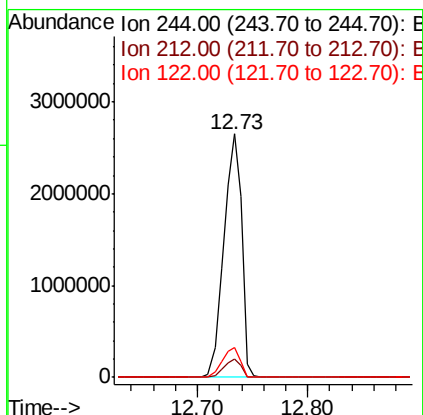
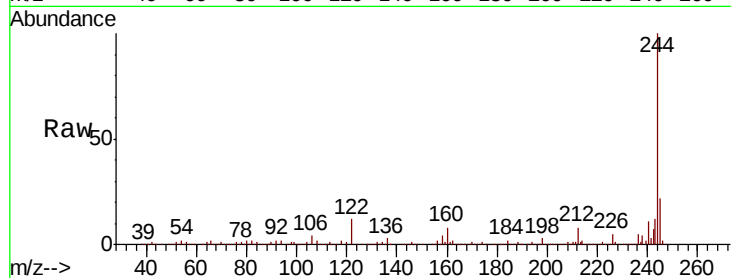




#79
 Terphenyl-d14
 Concen: 83.848 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115022.D
 Acq: 14 Jun 2019 00:30

Instrument :
 BNA_F
 ClientSampleId :
 FB_061219

Tot Ion:244 Resp: 2997126
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 12.5 9.4 14.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115022.D
 Acq: 14 Jun 2019 00:30

Tgt Ion:264 Resp: 617772
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 21.8 17.6 26.4

