

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117947.D
 Acq On : 23 Nov 2019 4:34
 Operator : JU
 Sample : K5839-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NW-01

Quant Time: Nov 23 06:02:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

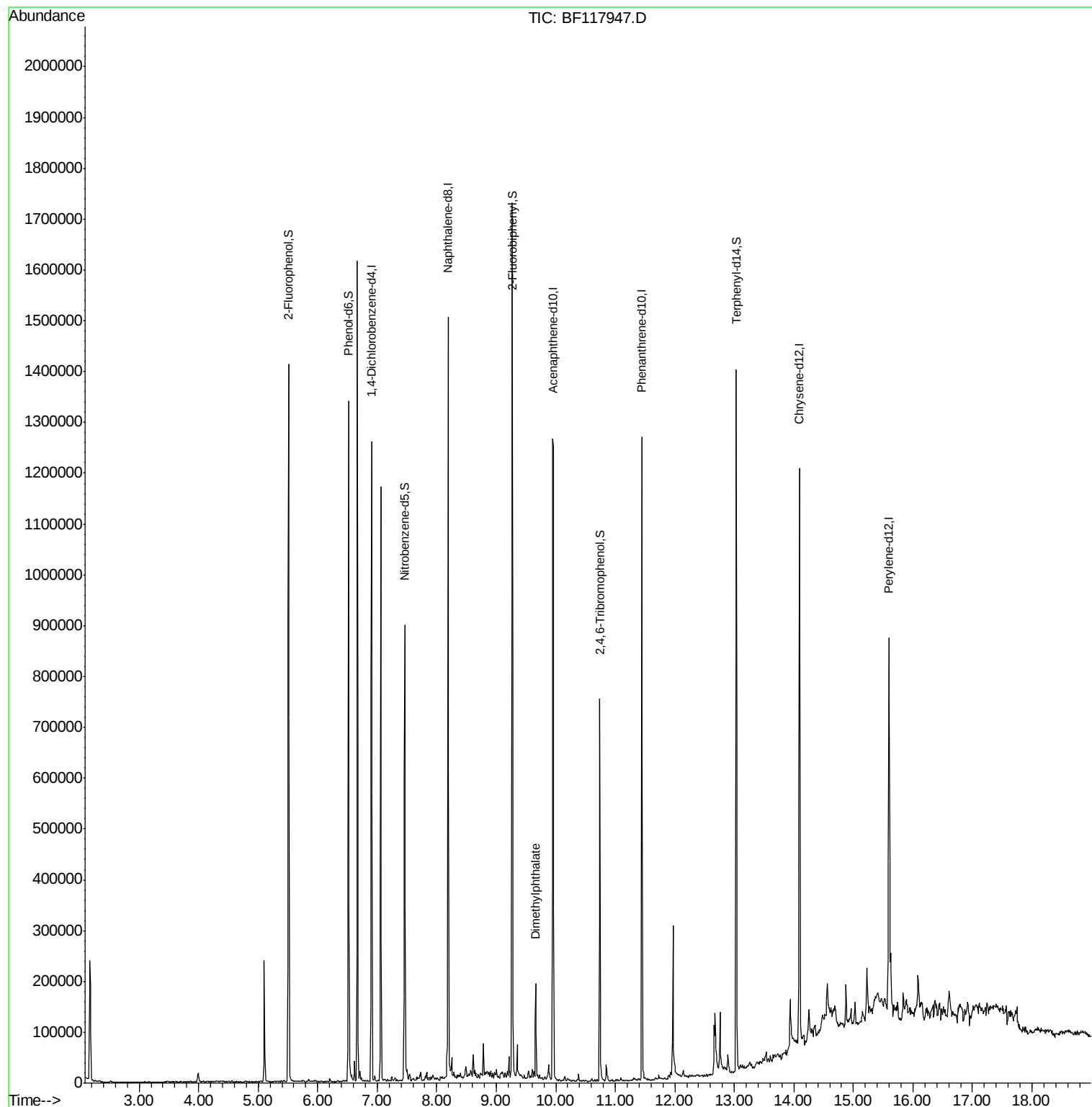
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	173871	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	623660	20.00	ng	-0.02
39) Acenaphthene-d10	9.95	164	272974	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	434758	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	352752	20.00	ng	-0.02
87) Perylene-d12	15.60	264	354910	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	364515	37.11	ng	-0.02
7) Phenol-d6	6.52	99	449446	37.94	ng	-0.02
23) Nitrobenzene-d5	7.46	82	260277	24.81	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	91550	31.68	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	480137	31.56	ng	-0.02
79) Terphenyl-d14	13.03	244	423440	21.94	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.66	163	61628	3.220	ng	Qvalue 98

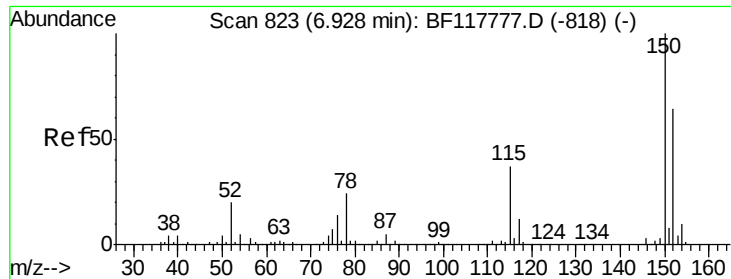
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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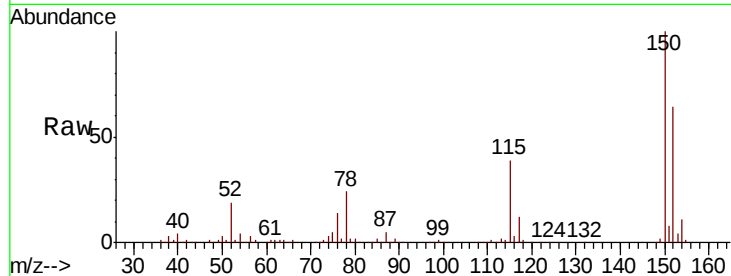


#1

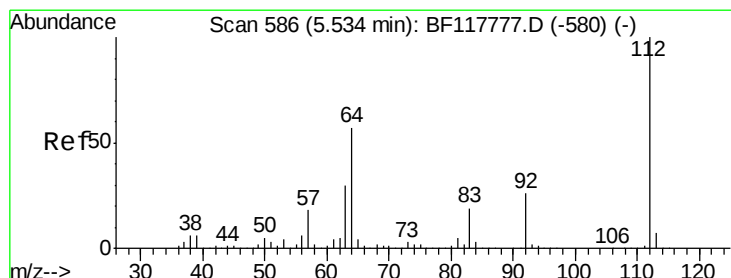
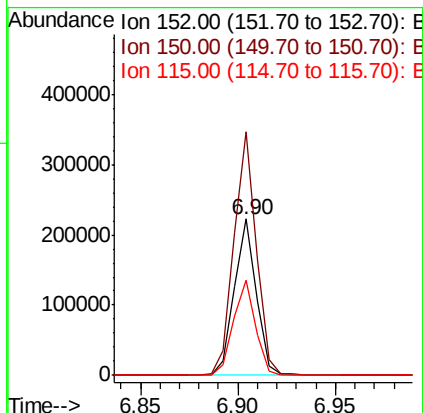
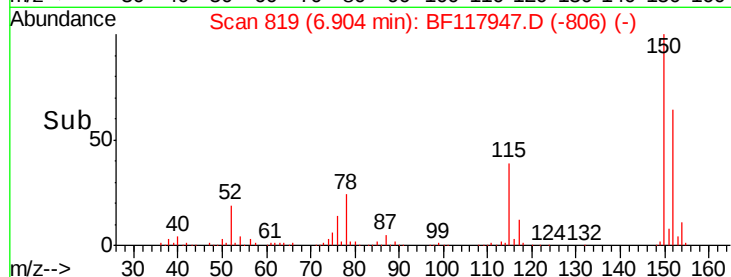
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF117947.D
 Acq: 23 Nov 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NW-01

Tot Ion:152 Resp: 173871
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.3 187.9
 115 60.9 47.0 70.4



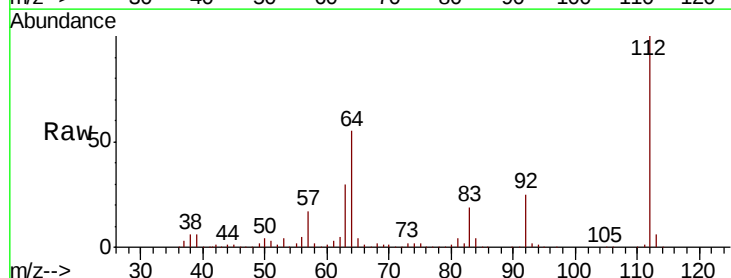
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



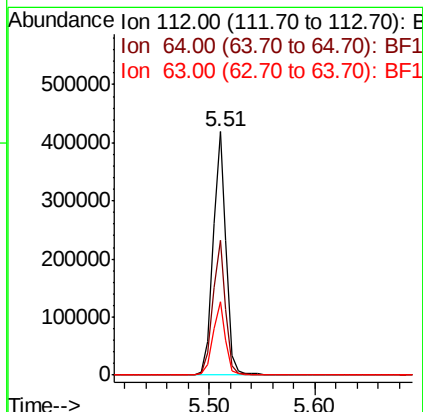
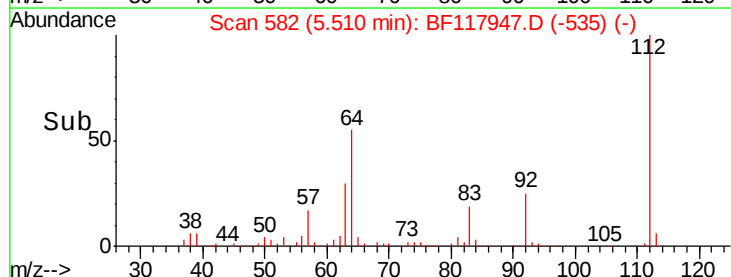
#5

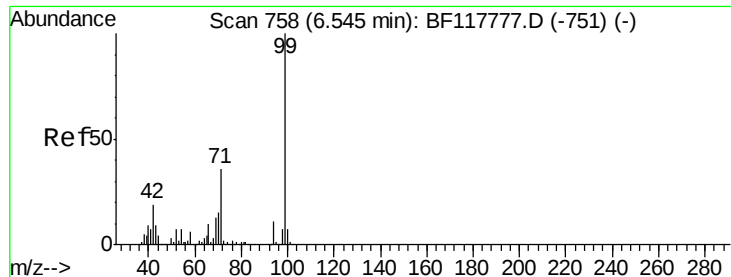
2-Fluorophenol
 Concen: 37.110 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.02 min
 Lab File: BF117947.D
 Acq: 23 Nov 2019 4:34

Tgt Ion:112 Resp: 364515
 Ion Ratio Lower Upper
 112 100
 64 55.2 45.6 68.4
 63 30.1 24.1 36.1



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: 37.935 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF117947.D

Acq: 23 Nov 2019 4:34

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NW-01

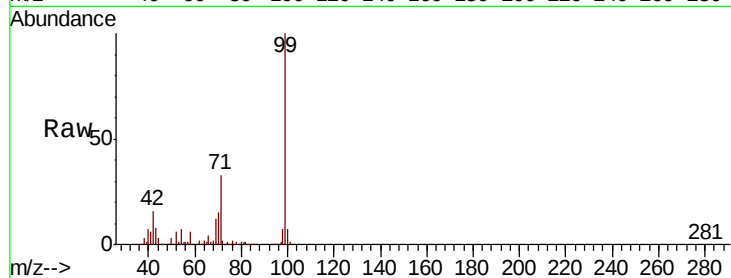
Tot Ion: 99 Resp: 449446

Ion Ratio Lower Upper

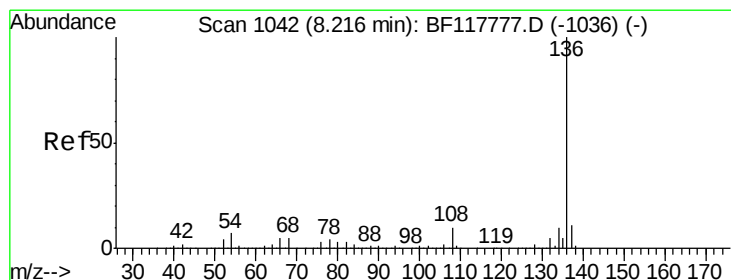
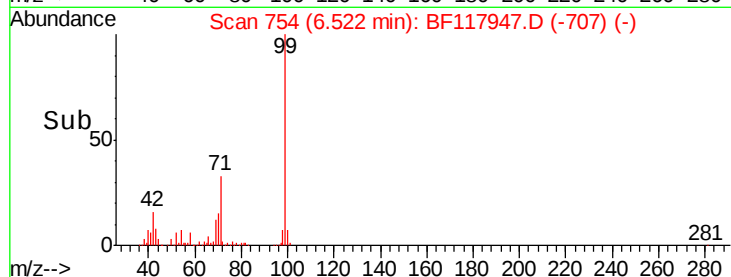
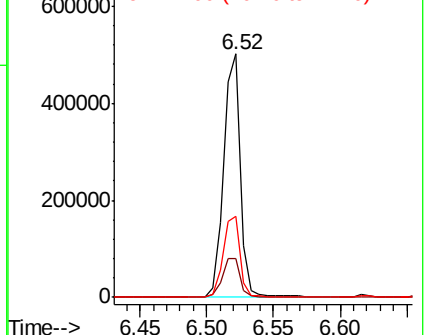
99 100

42 16.2 14.9 22.3

71 33.4 28.6 43.0



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: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF117947.D

Acq: 23 Nov 2019 4:34

Tgt Ion: 136 Resp: 623660

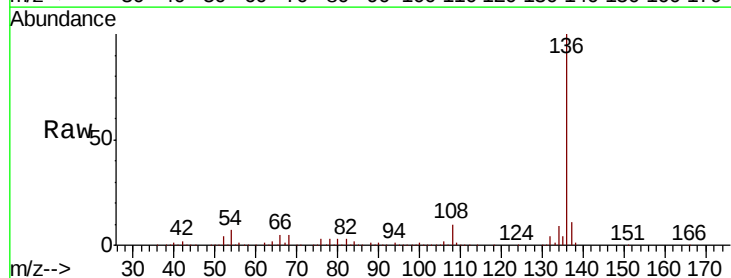
Ion Ratio Lower Upper

136 100

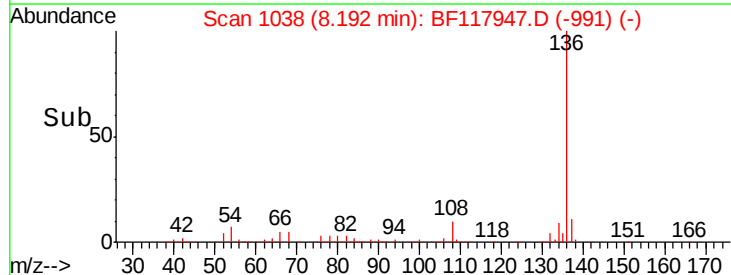
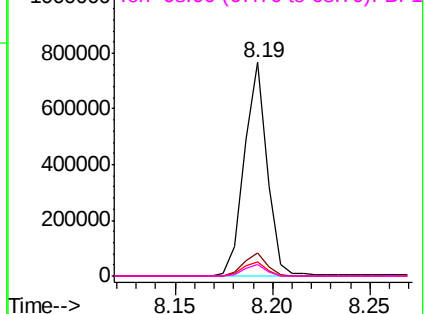
137 10.8 9.0 13.4

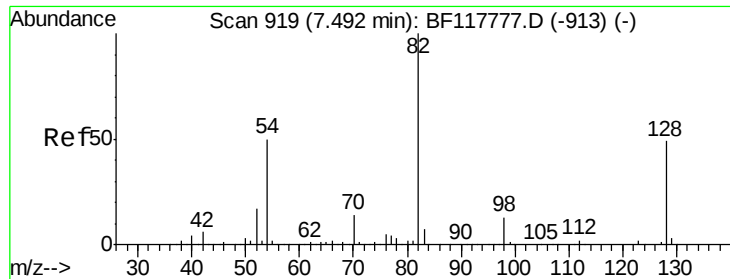
54 6.7 5.4 8.2

68 5.3 4.3 6.5



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

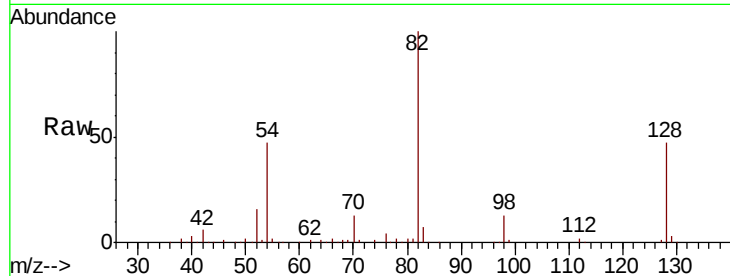




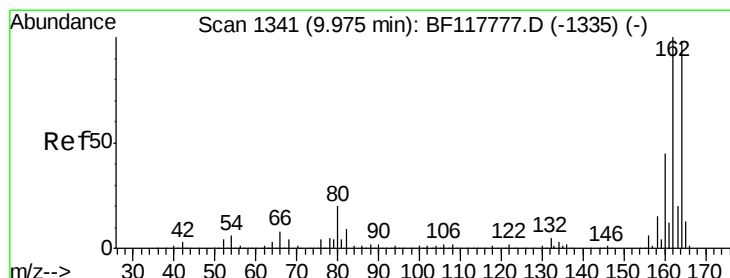
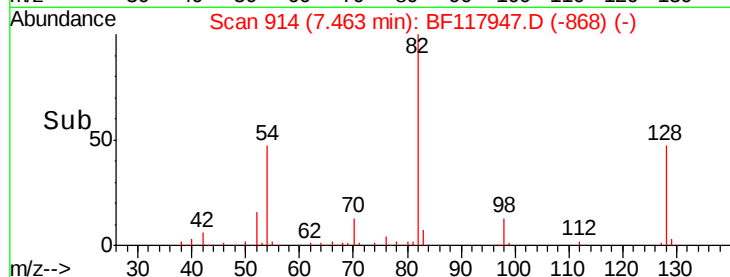
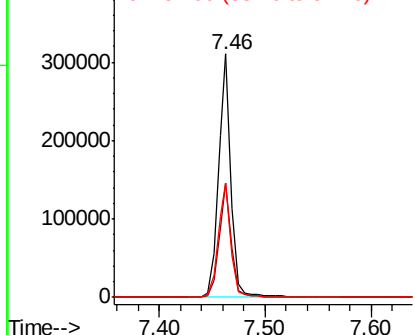
#23
Nitrobenzene-d5
Concen: 24.809 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117947.D
Acq: 23 Nov 2019 4:34

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NW-01

Tot Ion	82	Resp	260277
Ion Ratio	Lower	Upper	
82	100		
128	46.8	38.9	58.3
54	47.1	39.8	59.6

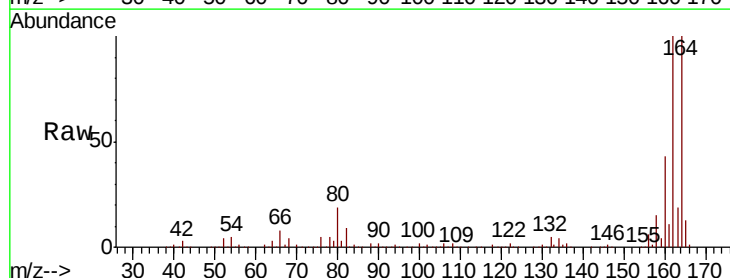


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

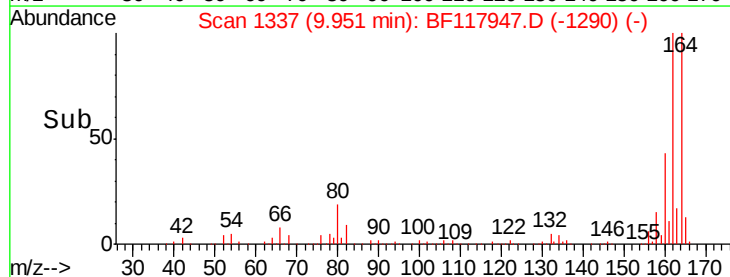
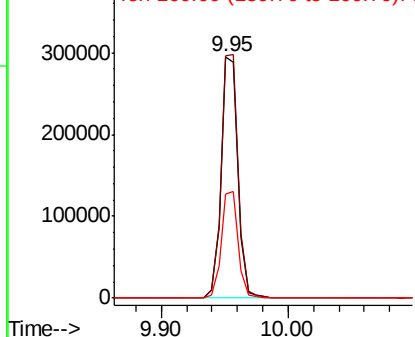


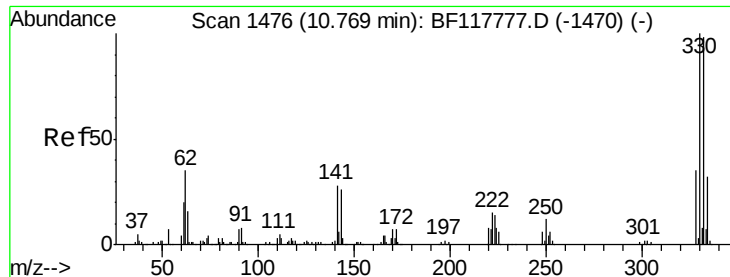
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117947.D
Acq: 23 Nov 2019 4:34

Tgt Ion	164	Resp	272974
Ion Ratio	Lower	Upper	
164	100		
162	100.1	81.3	121.9
160	43.1	36.6	55.0



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

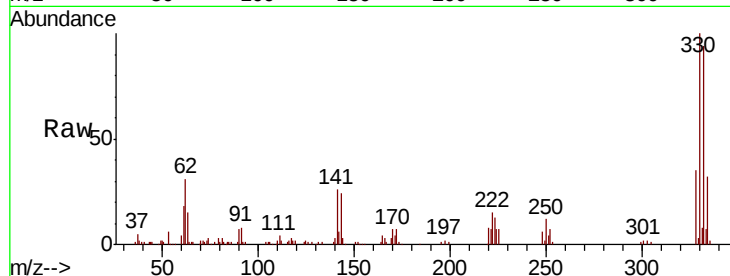




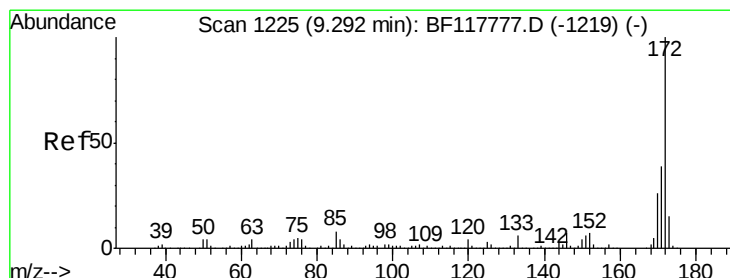
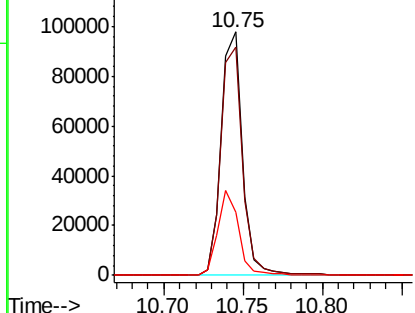
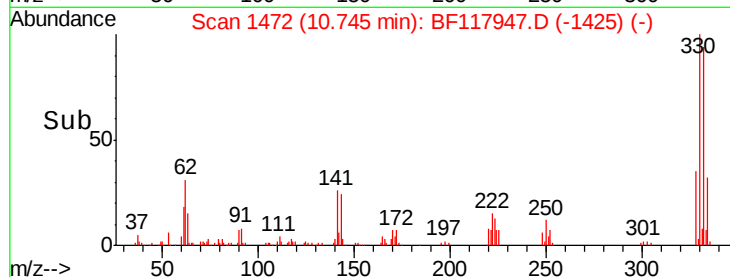
#42
 2,4,6-Tribromophenol
 Concen: 31.679 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF117947.D
 Acq: 23 Nov 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NW-01

Tot Ion:330 Resp: 91550
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.7 115.1
 141 34.0 27.7 41.5

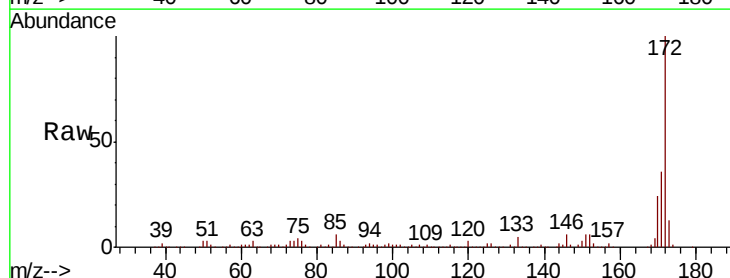


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

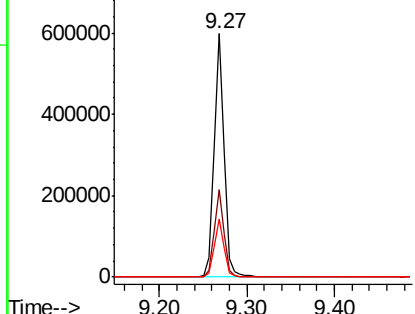
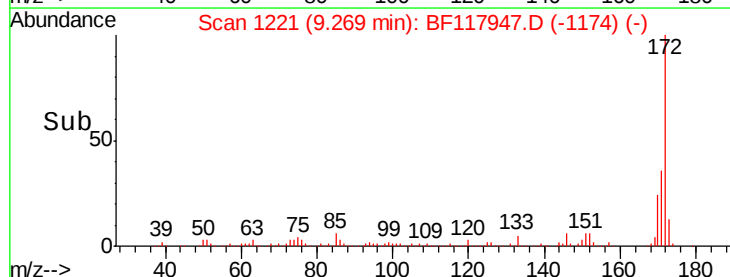


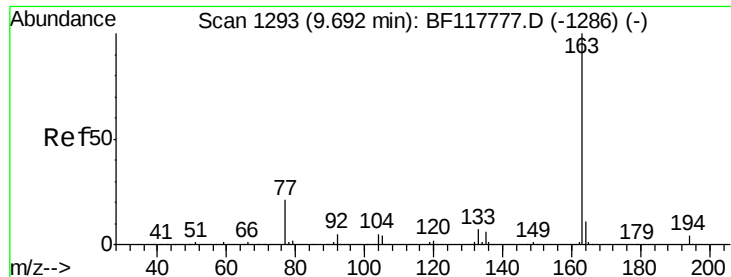
#45
 2-Fluorobiphenyl
 Concen: 31.555 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF117947.D
 Acq: 23 Nov 2019 4:34

Tgt Ion:172 Resp: 480137
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.9 46.3
 170 23.7 21.0 31.4



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

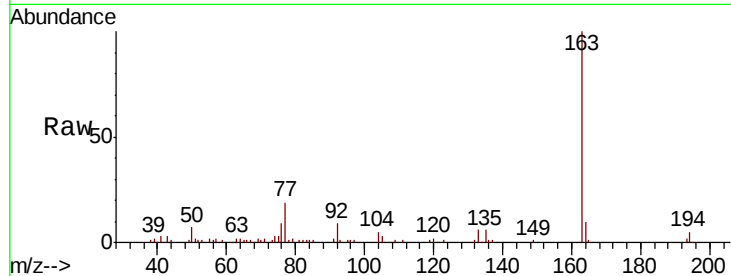




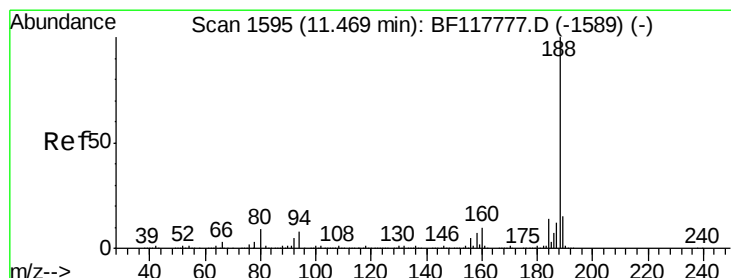
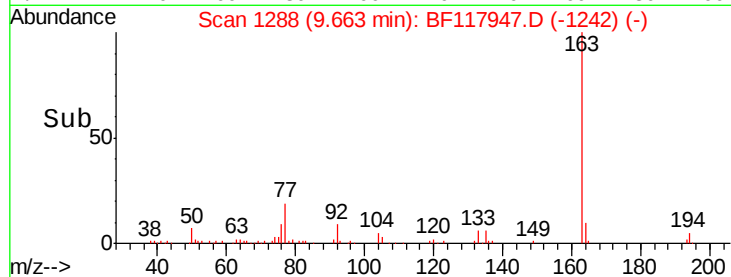
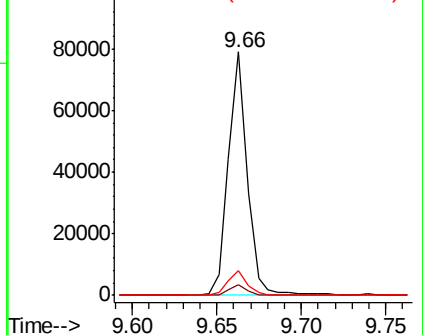
#50
Dimethylphthalate
Concen: 3.220 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117947.D
Acq: 23 Nov 2019 4:34

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NW-01

Tot Ion:163 Resp: 61628
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 9.9 8.7 13.1

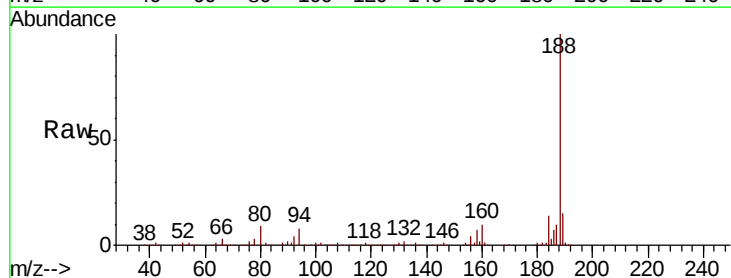


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

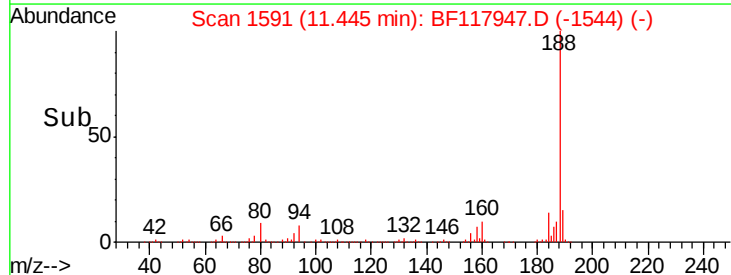
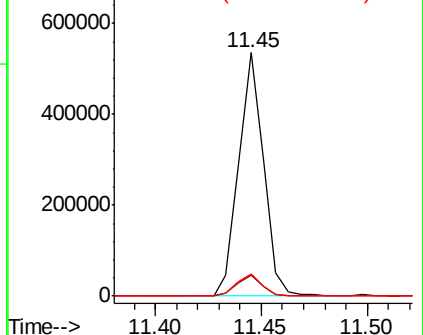


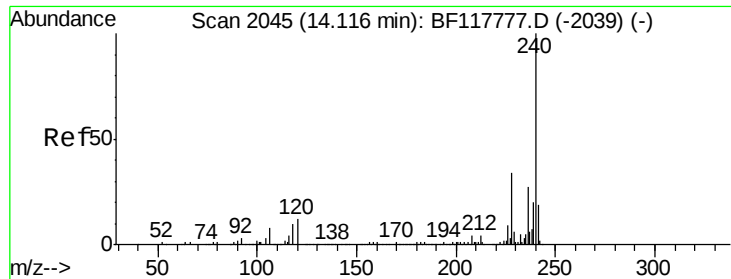
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117947.D
Acq: 23 Nov 2019 4:34

Tgt Ion:188 Resp: 434758
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.0 7.2 10.8



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

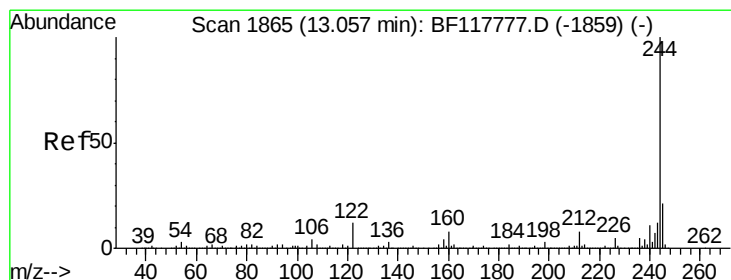
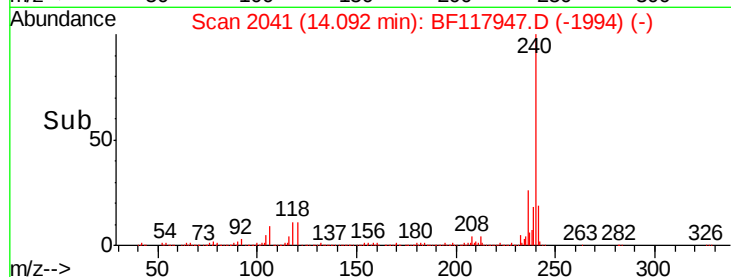
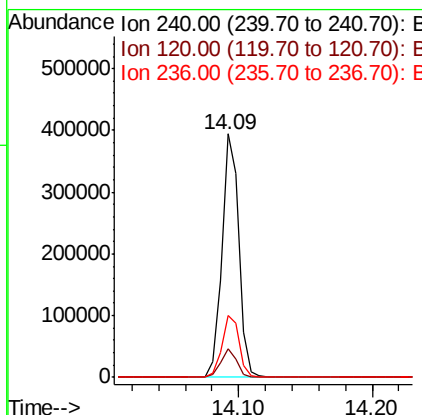
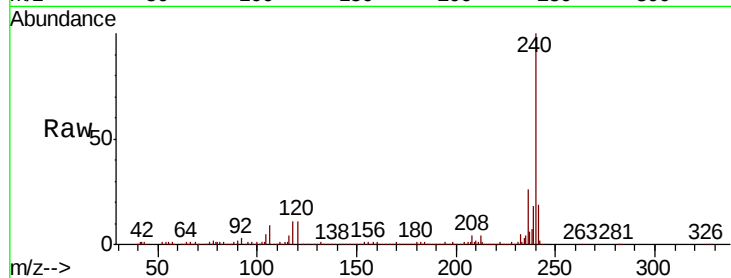




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.02 min
 Lab File: BF117947.D
 Acq: 23 Nov 2019 4:34

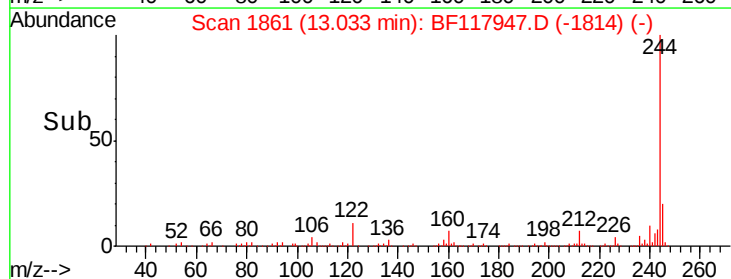
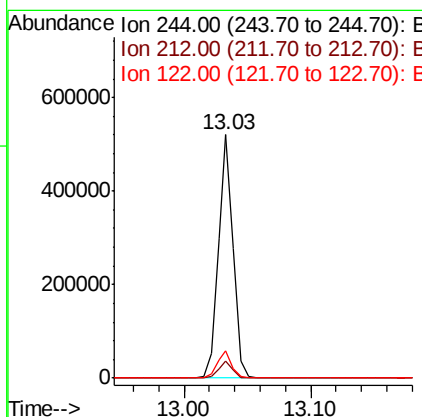
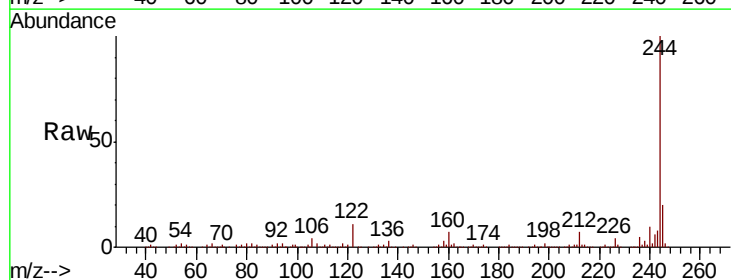
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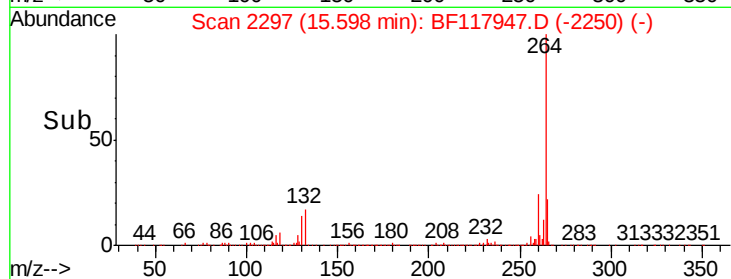
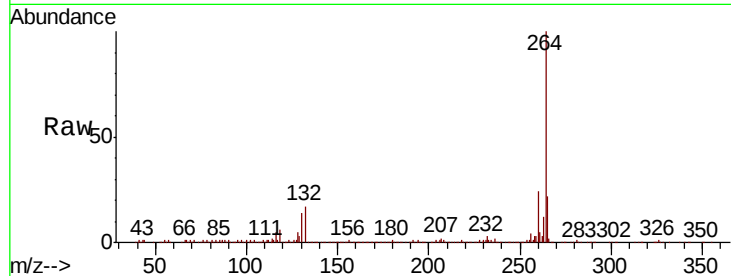
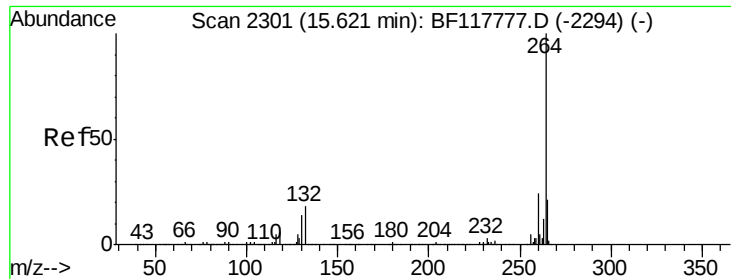
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.6	21.3	31.9



#79
 Terphenyl-d14
 Concen: 21.938 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.02 min
 Lab File: BF117947.D
 Acq: 23 Nov 2019 4:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.3	9.5
122	11.3	9.4	14.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BF117947.D

Acq: 23 Nov 2019 4:34

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NW-01

Tot Ion: 264 Resp: 354910

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 21.9 17.1 25.7

