

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117969.D
 Acq On : 23 Nov 2019 20:58
 Operator : JU
 Sample : K5931-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214

Quant Time: Nov 25 08:48:43 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

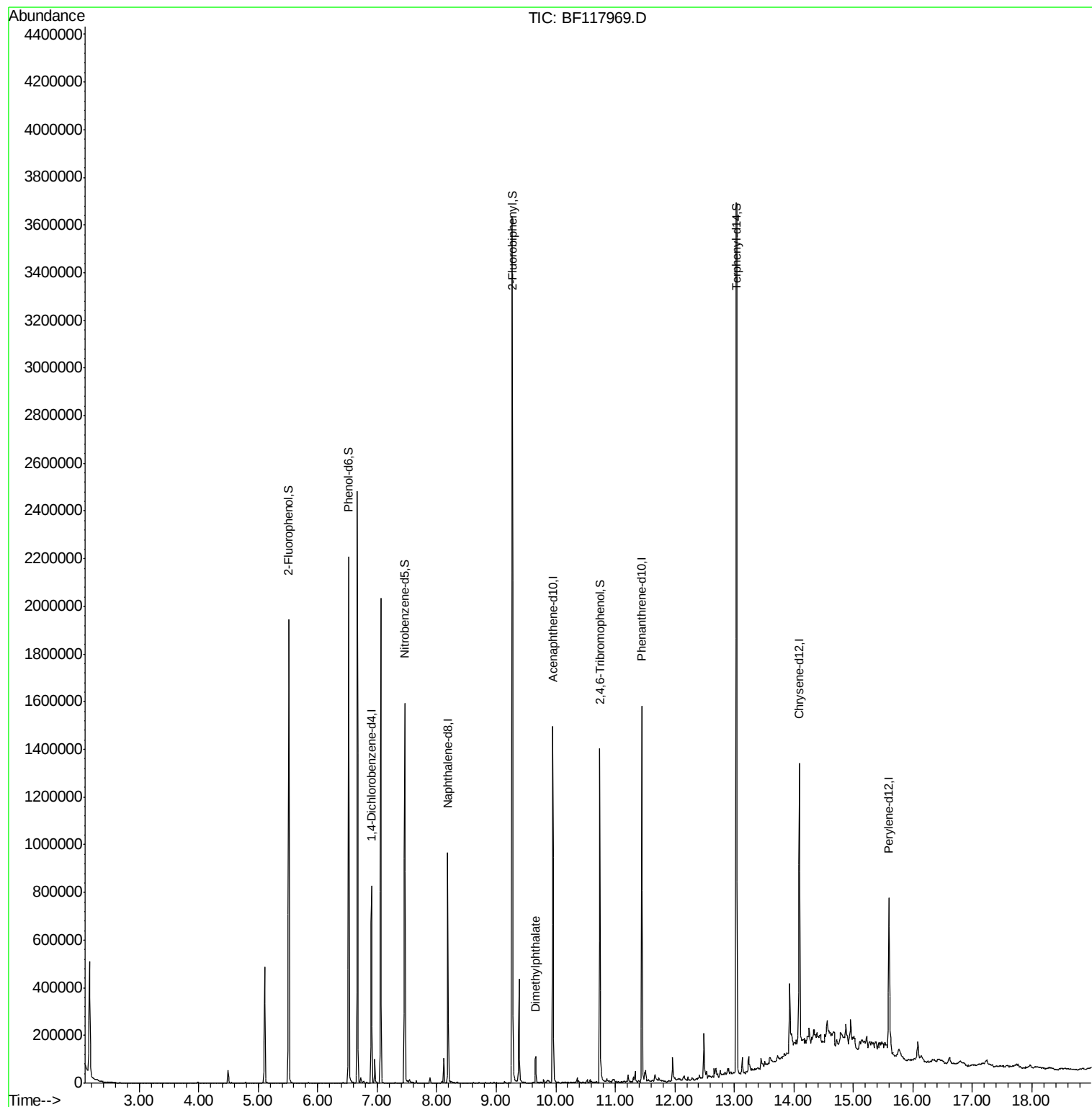
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	117957	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	470492	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	287547	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	559635	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	375390	20.00	ng	-0.02
87) Perylene-d12	15.60	264	317162	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	529951	79.53	ng	-0.02
7) Phenol-d6	6.52	99	743473	92.50	ng	-0.02
23) Nitrobenzene-d5	7.46	82	468795	59.23	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	192415	63.21	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1110535	69.29	ng	-0.02
79) Terphenyl-d14	13.04	244	1390530	67.70	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.66	163	51229	2.541	ng	98

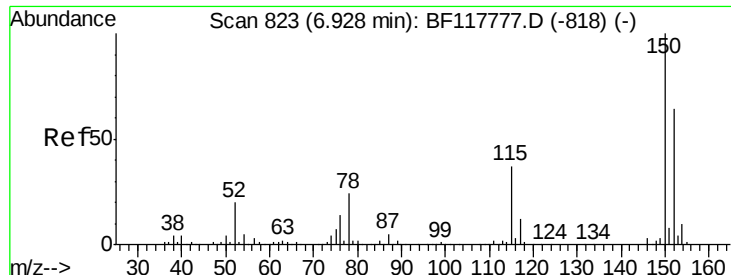
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF117969.D

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ClientSampleId :

VNJ-214

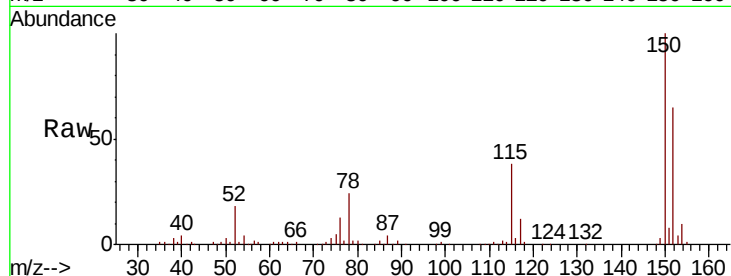
Tot Ion:152 Resp: 117957

Ion Ratio Lower Upper

152 100

150 154.2 125.3 187.9

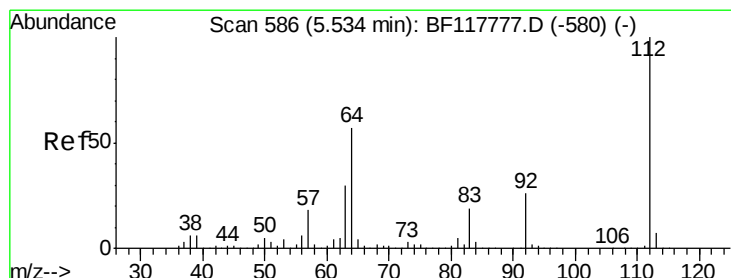
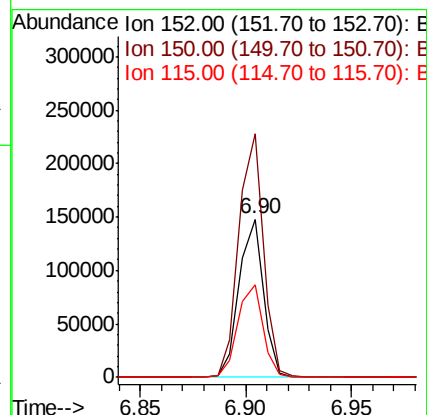
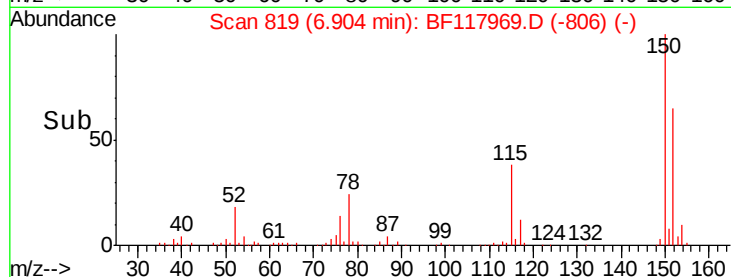
115 58.7 47.0 70.4



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: 79.526 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF117969.D

Acq: 23 Nov 2019 20:58

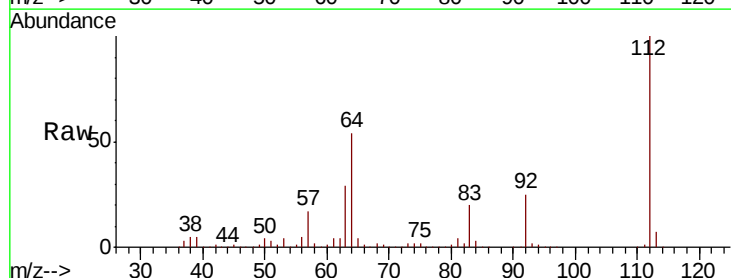
Tgt Ion:112 Resp: 529951

Ion Ratio Lower Upper

112 100

64 53.6 45.6 68.4

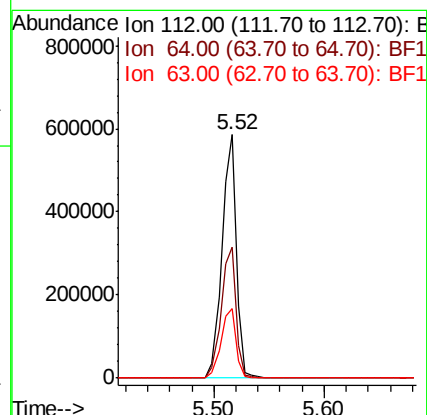
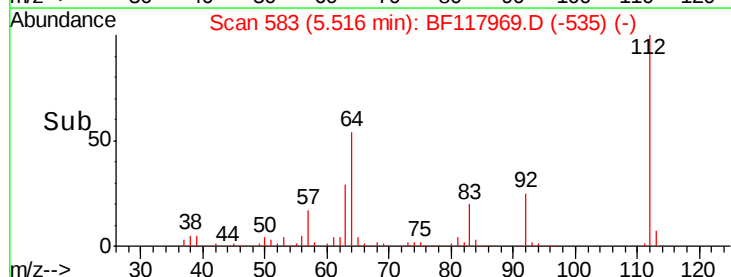
63 28.7 24.1 36.1

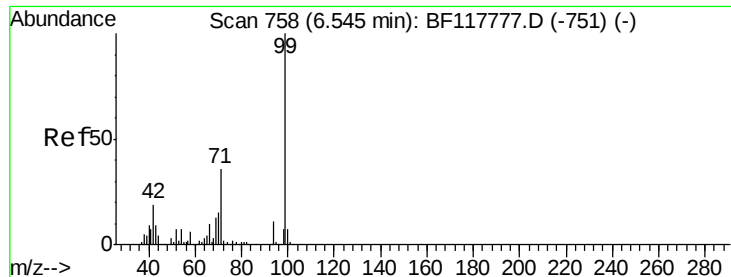


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.499 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF117969.D

Acq: 23 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

VNJ-214

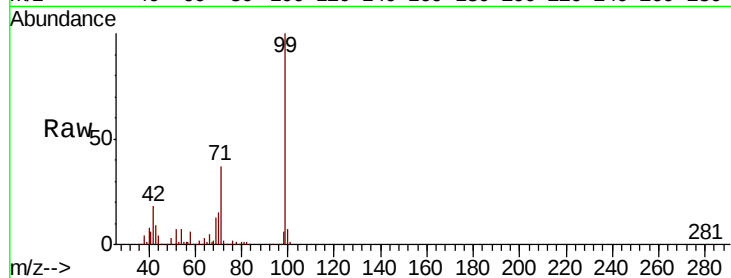
Tot Ion: 99 Resp: 743473

Ion Ratio Lower Upper

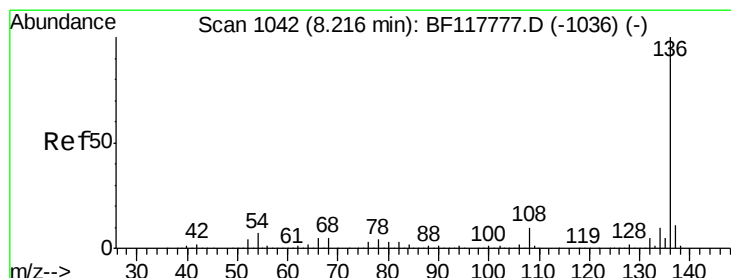
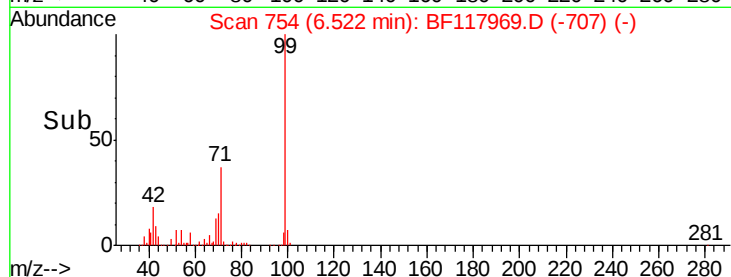
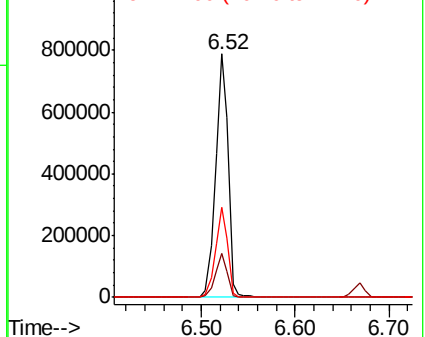
99 100

42 18.3 14.9 22.3

71 36.7 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# 1037

Delta R.T. -0.03 min

Lab File: BF117969.D

Acq: 23 Nov 2019 20:58

Tgt Ion: 136 Resp: 470492

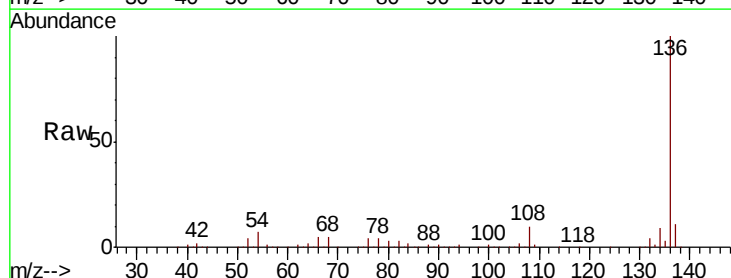
Ion Ratio Lower Upper

136 100

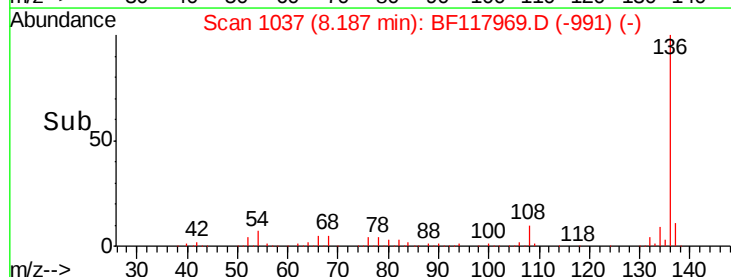
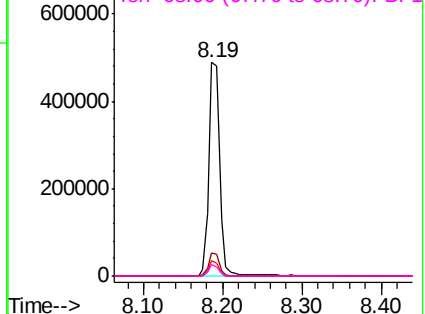
137 10.9 9.0 13.4

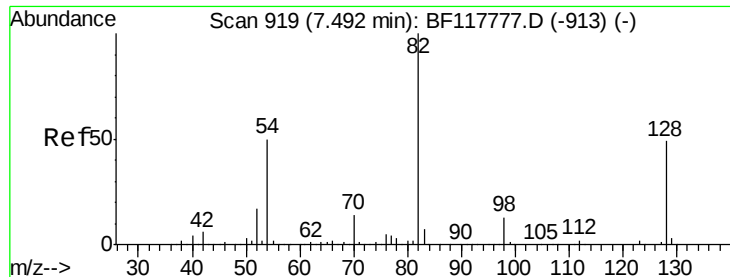
54 7.0 5.4 8.2

68 5.2 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

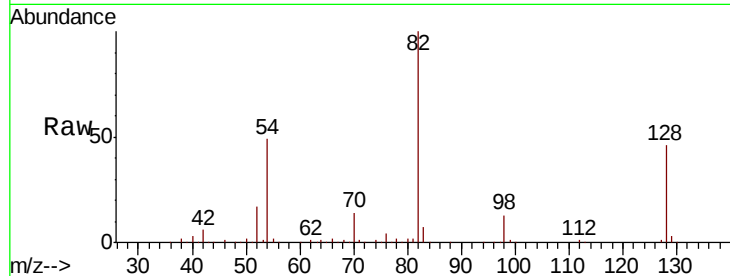




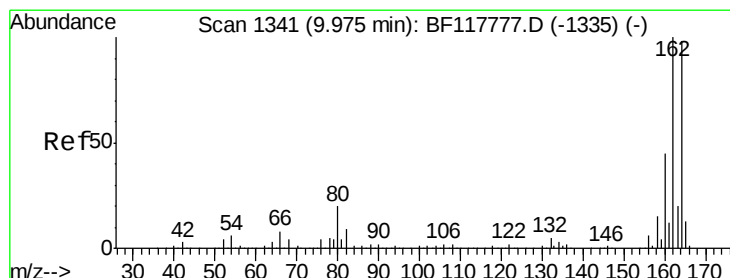
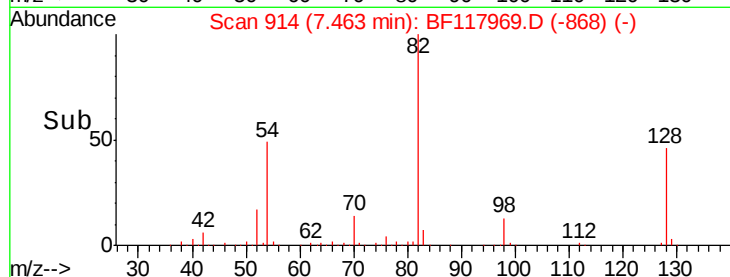
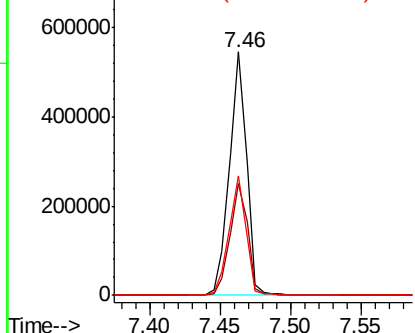
#23
Nitrobenzene-d5
Concen: 59.231 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117969.D
Acq: 23 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :
VNJ-214

Tot Ion	82	Resp	468795
Ion Ratio	Lower	Upper	
82	100		
128	46.1	38.9	58.3
54	48.9	39.8	59.6

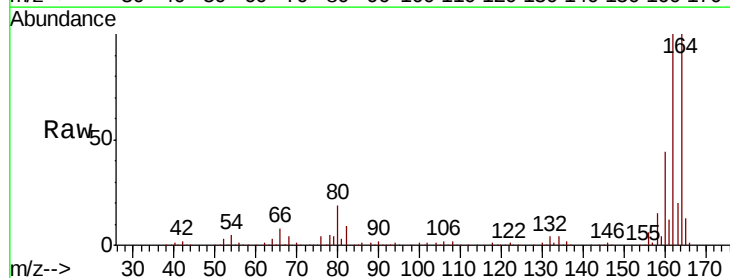


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

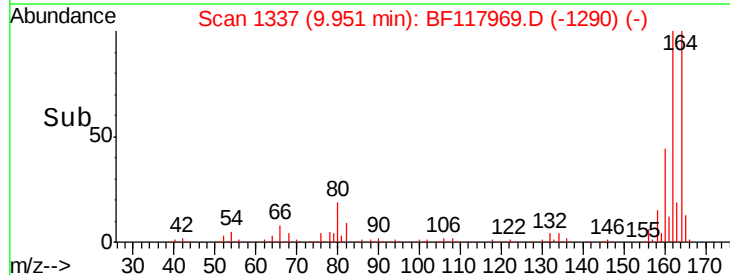
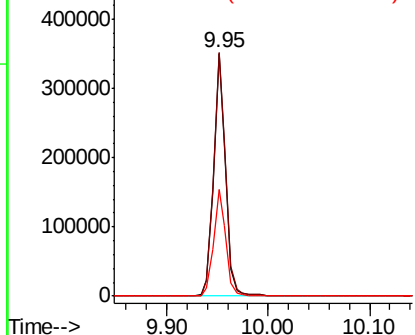


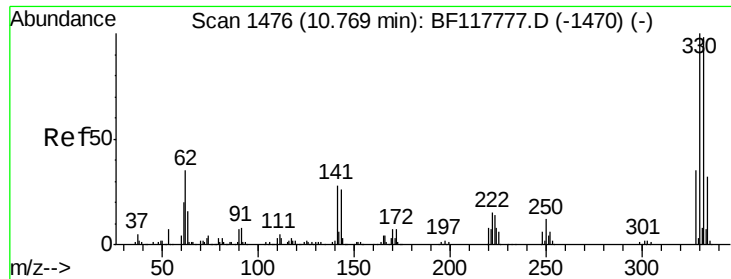
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117969.D
Acq: 23 Nov 2019 20:58

Tgt Ion	164	Resp	287547
Ion Ratio	Lower	Upper	
164	100		
162	100.3	81.3	121.9
160	44.0	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

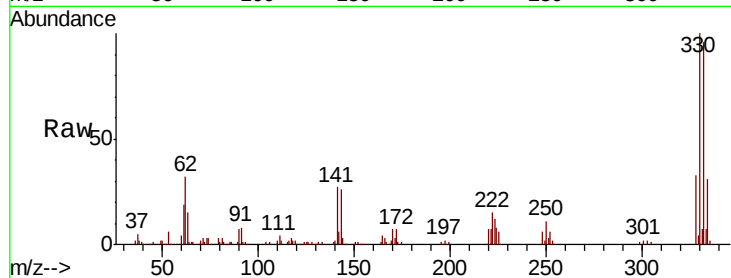




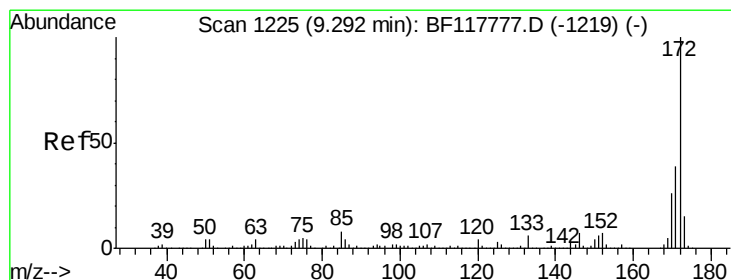
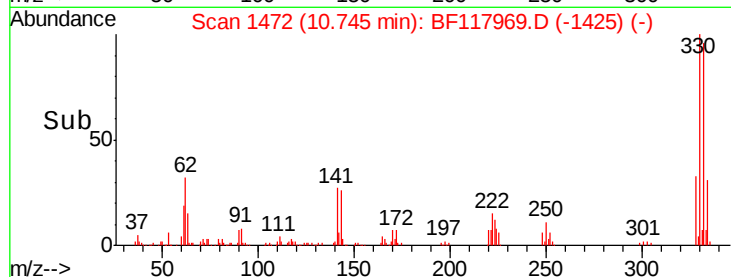
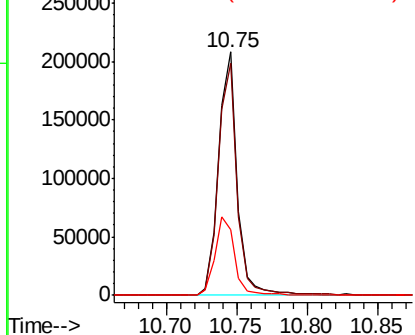
#42
 2,4,6-Tribromophenol
 Concen: 63.206 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF117969.D
 Acq: 23 Nov 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.7	115.1
141	34.0	27.7	41.5

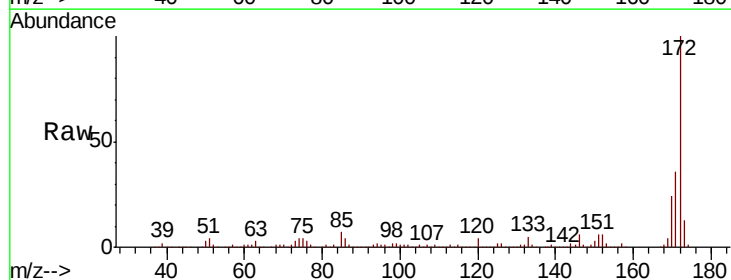


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

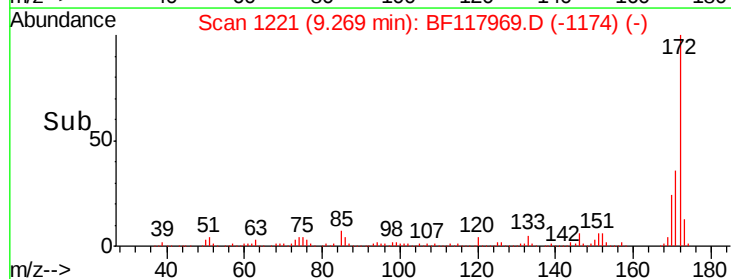
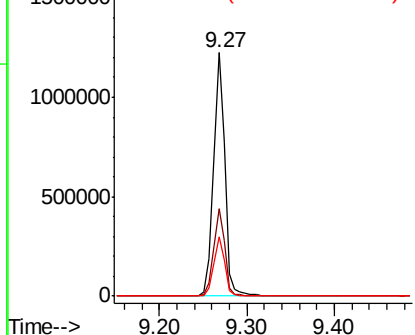


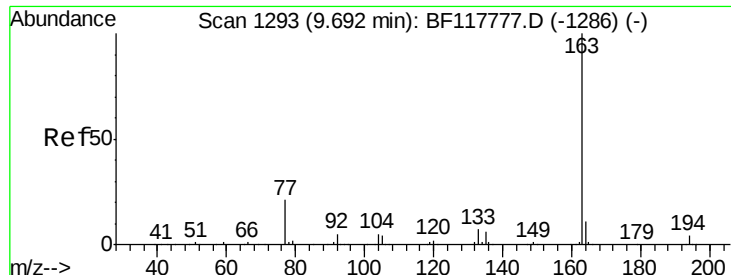
#45
 2-Fluorobiphenyl
 Concen: 69.287 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF117969.D
 Acq: 23 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.9	46.3
170	24.1	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: 2.541 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BF117969.D

Acq: 23 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

VNJ-214

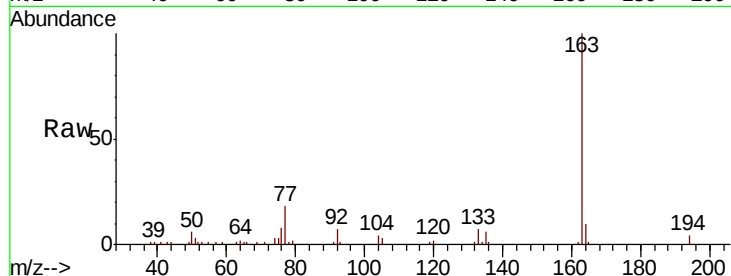
Tot Ion:163 Resp: 51229

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

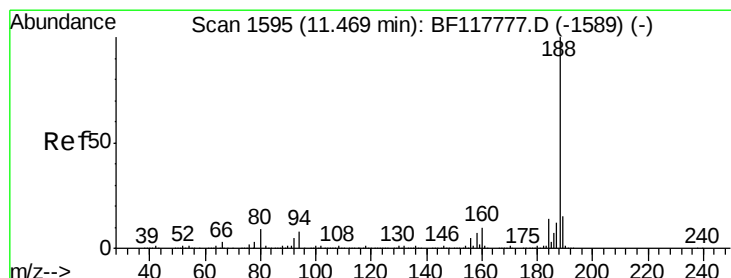
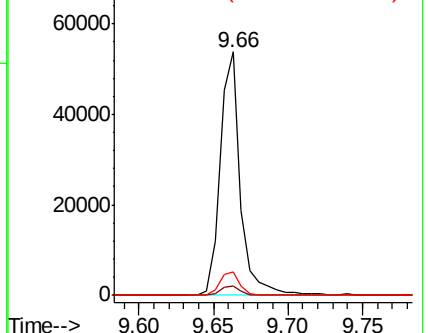
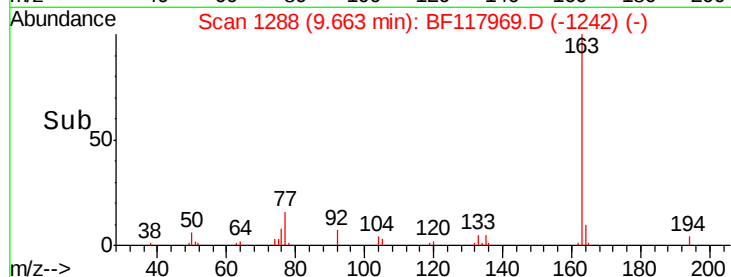
164 9.8 8.7 13.1



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: BF117969.D

Acq: 23 Nov 2019 20:58

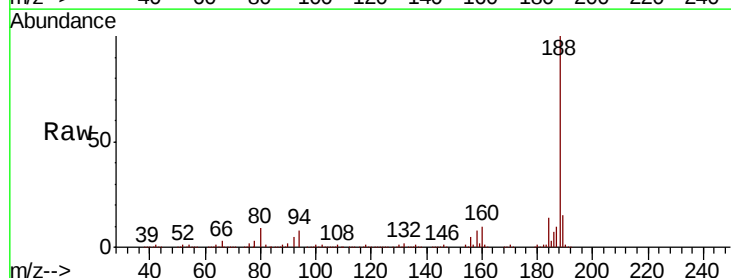
Tgt Ion:188 Resp: 559635

Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

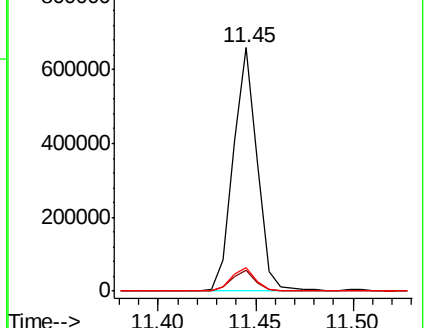
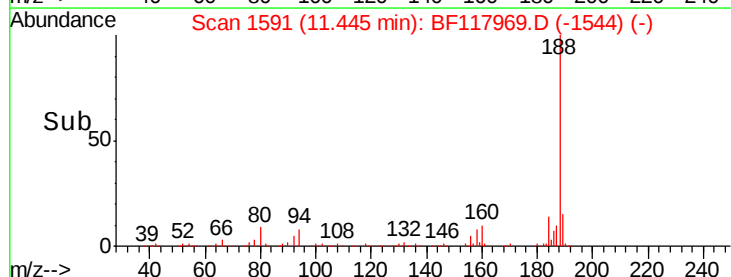
80 9.4 7.2 10.8

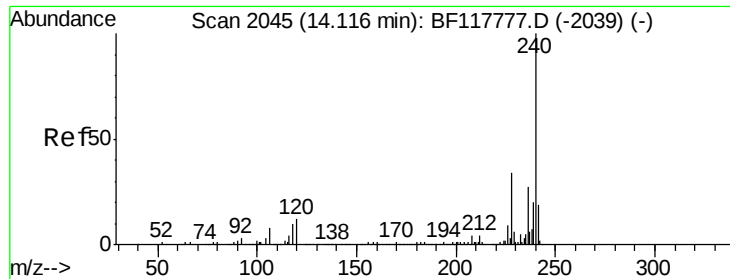


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

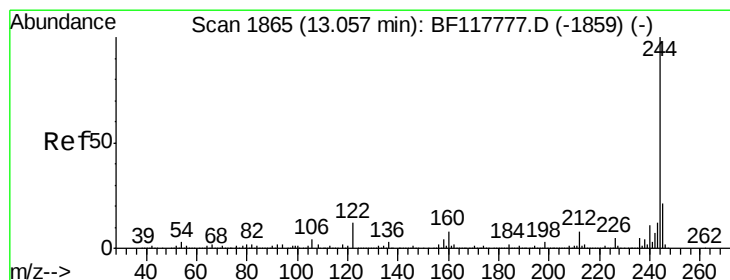
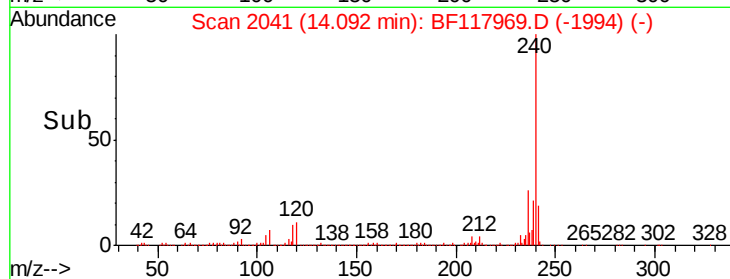
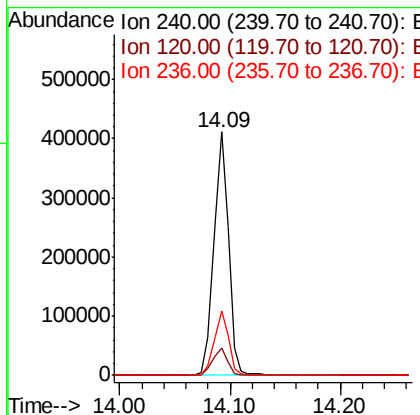
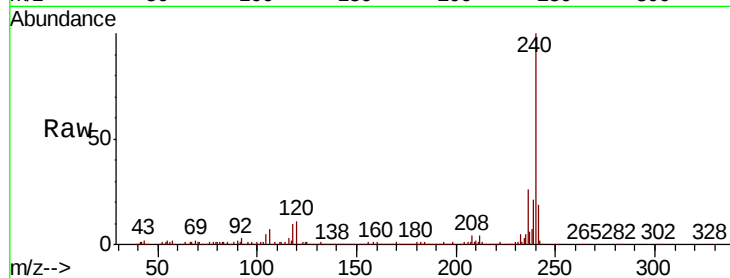




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.02 min
 Lab File: BF117969.D
 Acq: 23 Nov 2019 20:58

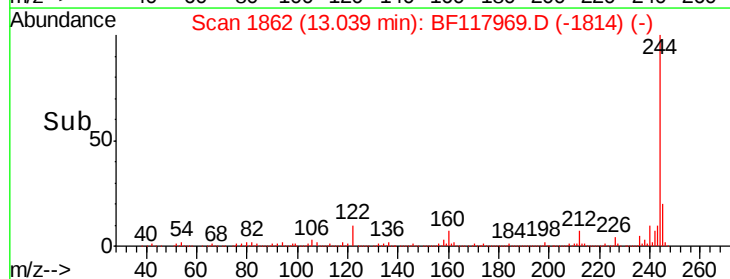
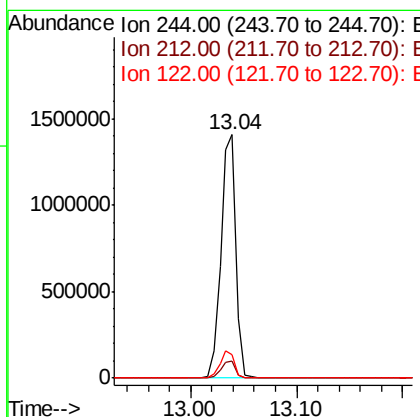
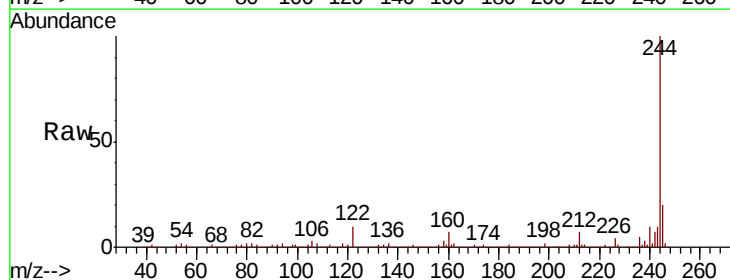
Instrument :
 BNA_F
 ClientSampled :
 VNJ-214

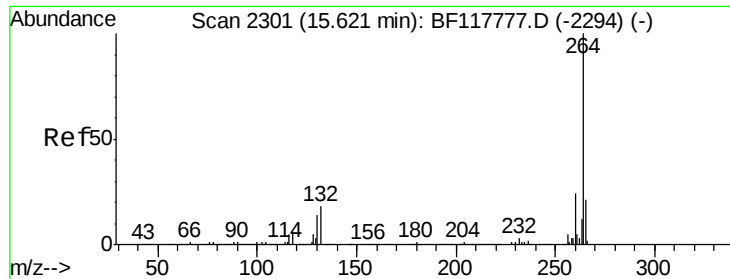
Tot Ion:240 Resp: 375390
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.5 14.3
 236 26.4 21.3 31.9



#79
 Terphenyl-d14
 Concen: 67.699 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117969.D
 Acq: 23 Nov 2019 20:58

Tgt Ion:244 Resp: 1390530
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.3 9.5
 122 9.7 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: BF117969.D
 Acq: 23 Nov 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	20.4	17.1	25.7

