

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112496.D
 Acq On : 11 Feb 2019 22:14
 Operator : JU/SJ
 Sample : K1450-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOSPITAL-BOX-CULVERT-TP

Quant Time: Feb 12 01:33:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

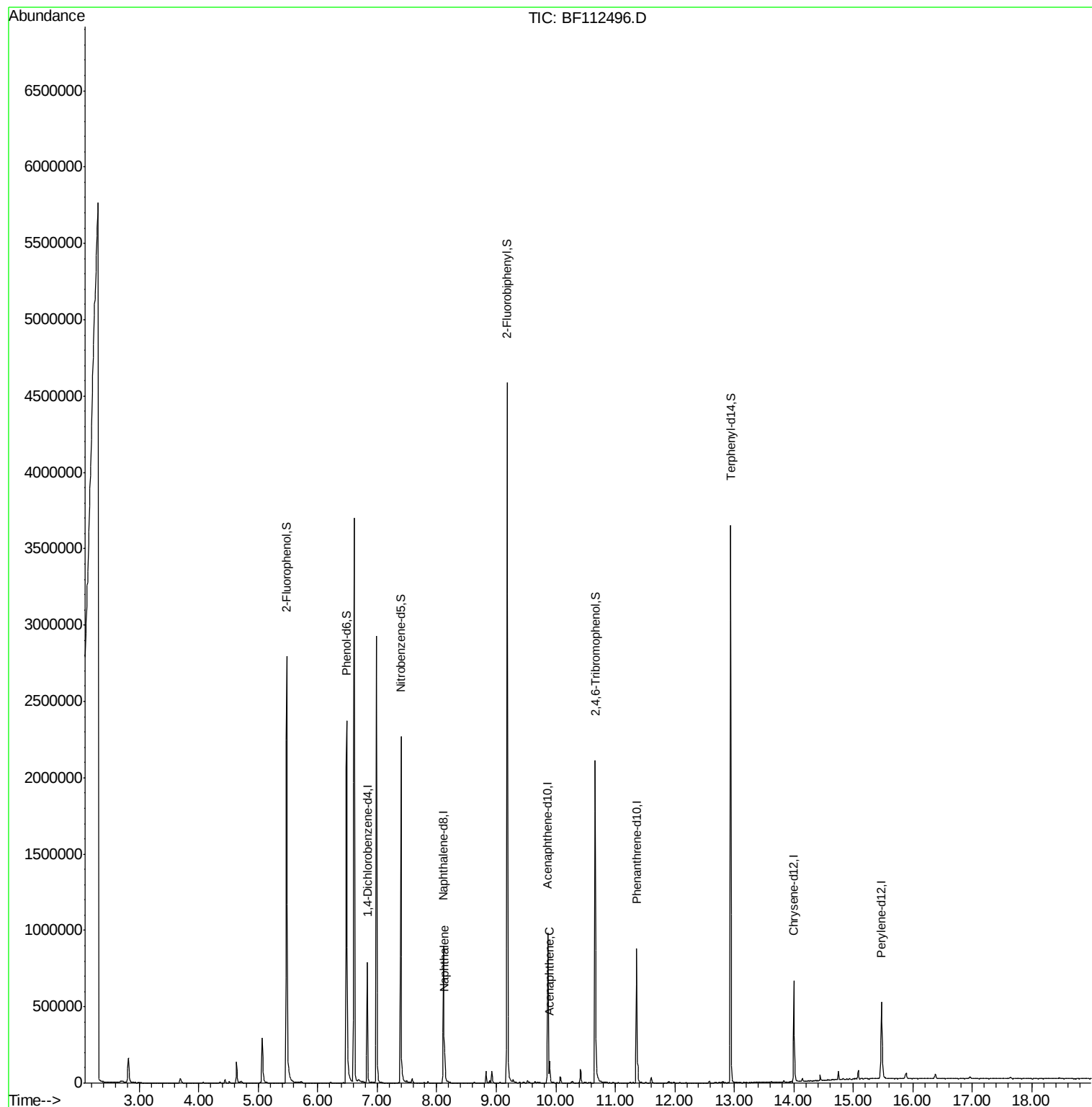
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	129403	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	481204	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	217242	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	348148	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	277927	20.00	ng	-0.01
87) Perylene-d12	15.47	264	272356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	858876	140.98	ng	0.00
7) Phenol-d6	6.49	99	936687	110.65	ng	0.00
23) Nitrobenzene-d5	7.40	82	763913	91.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	303292	119.94	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1509811	98.30	ng	-0.02
79) Terphenyl-d14	12.94	244	1224171	82.96	ng	-0.01
Target Compounds						
31) Naphthalene	8.13	128	135356	6.015	ng	98
52) Acenaphthene	9.90	154	31796	2.466	ng	99

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

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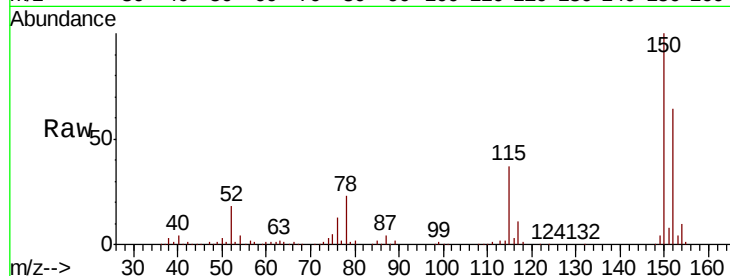


#1

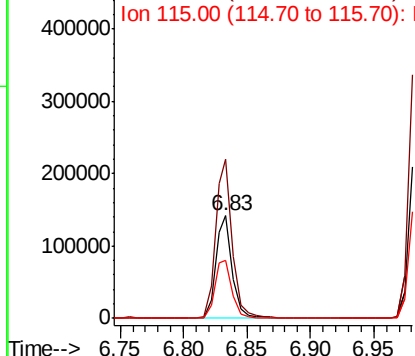
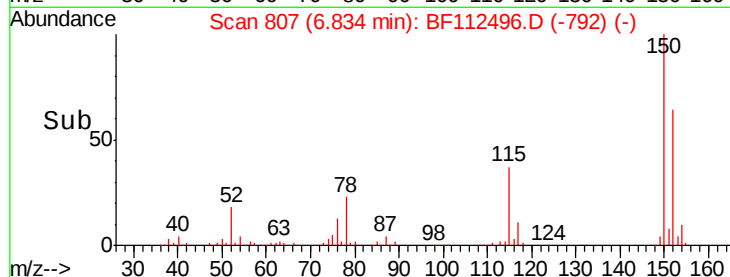
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112496.D
Acq: 11 Feb 2019 22:14

Instrument :
BNA_F
ClientSampleId :
HOSPITAL-BOX-CULVERT-TP

Tot Ion:152 Resp: 129403
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.0
115 56.9 45.5 68.3



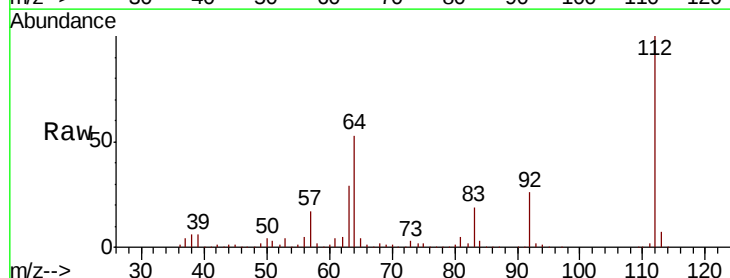
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



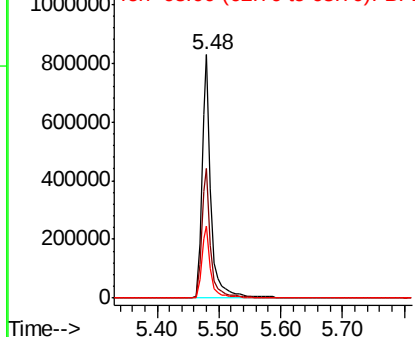
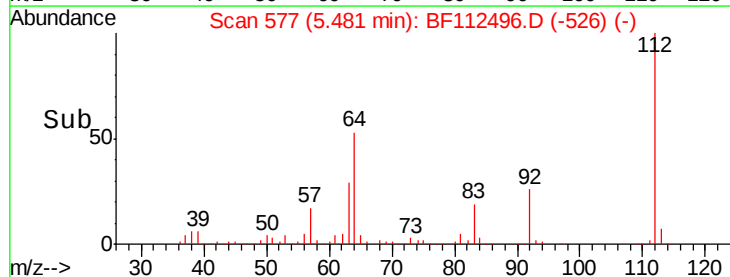
#5

2-Fluorophenol
Concen: 140.979 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112496.D
Acq: 11 Feb 2019 22:14

Tgt Ion:112 Resp: 858876
Ion Ratio Lower Upper
112 100
64 53.2 45.7 68.5
63 29.4 23.6 35.4



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: 110.648 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112496.D

Acq: 11 Feb 2019 22:14

Instrument :

BNA_F

ClientSampleId :

HOSPITAL-BOX-CULVERT-TP

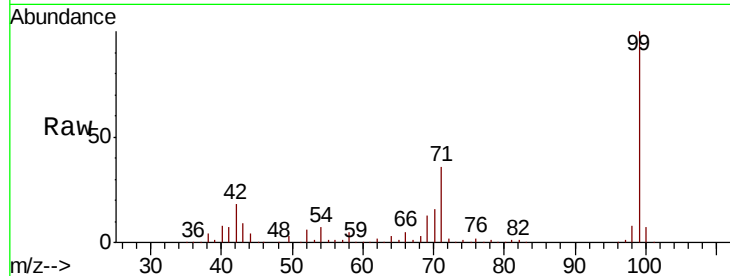
Tot Ion: 99 Resp: 936687

Ion Ratio Lower Upper

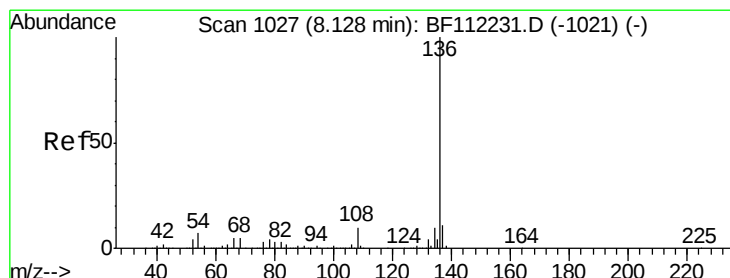
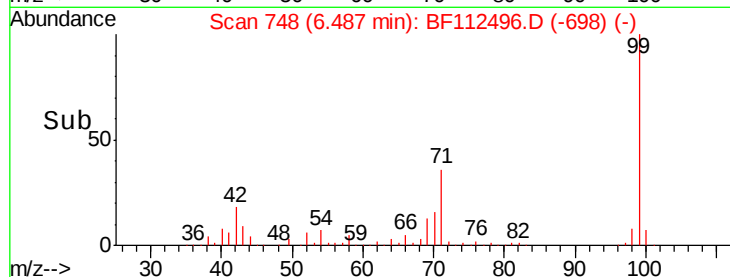
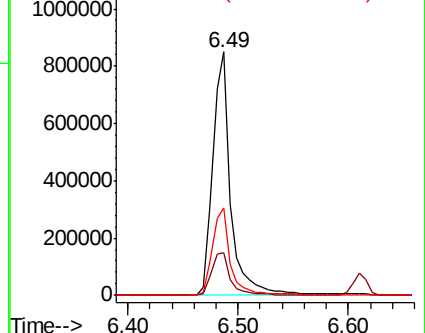
99 100

42 17.6 15.1 22.7

71 35.7 26.9 40.3



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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112496.D

Acq: 11 Feb 2019 22:14

Tgt Ion: 136 Resp: 481204

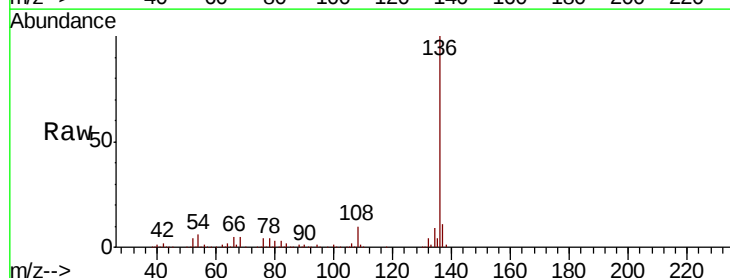
Ion Ratio Lower Upper

136 100

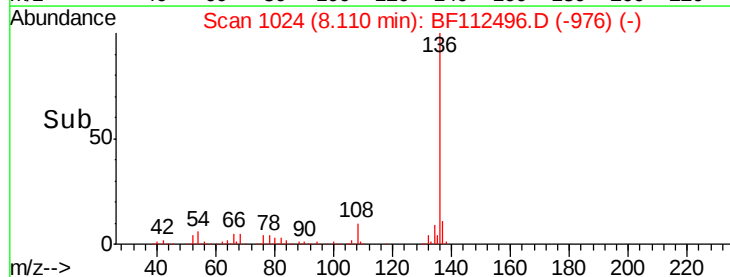
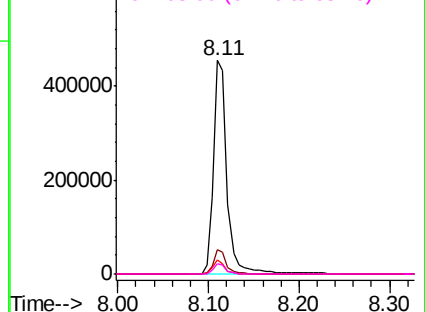
137 11.4 9.1 13.7

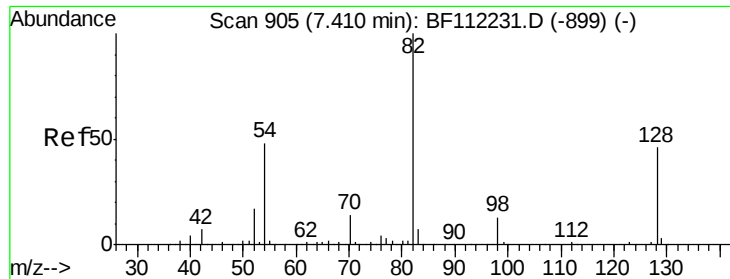
54 6.4 5.9 8.9

68 4.9 5.1 7.7#



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

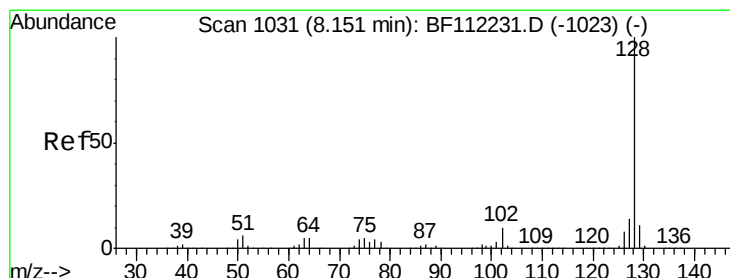
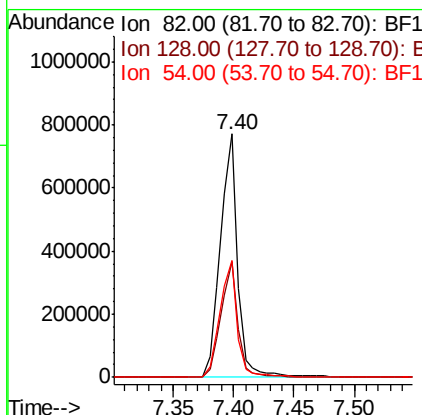
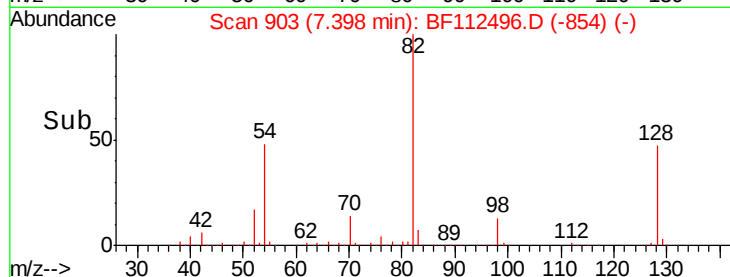
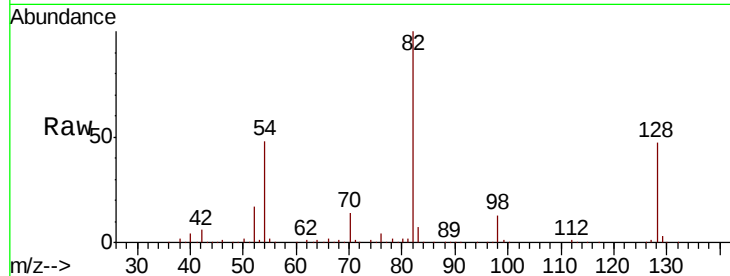




#23
 Nitrobenzene-d5
 Concen: 91.472 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112496.D
 Acq: 11 Feb 2019 22:14

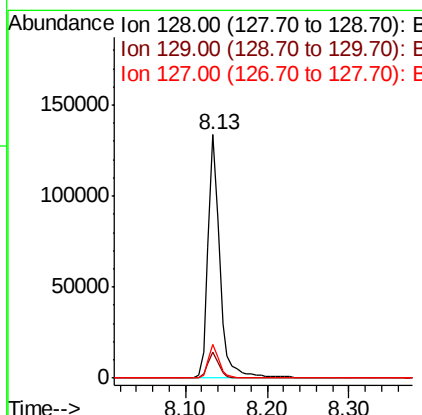
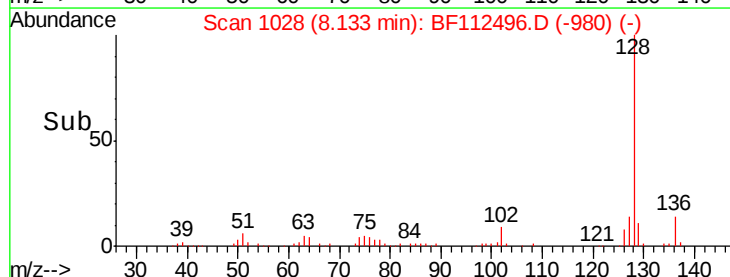
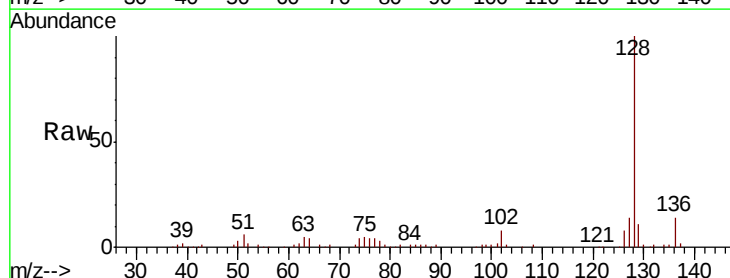
Instrument :
 BNA_F
 ClientSampleId :
 HOSPITAL-BOX-CULVERT-TP

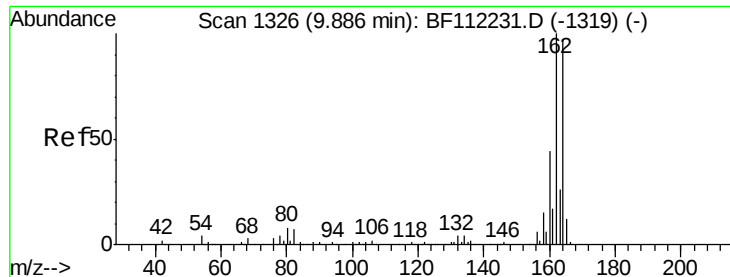
Tot Ion: 82 Resp: 763913
 Ion Ratio Lower Upper
 82 100
 128 47.5 37.8 56.8
 54 48.0 39.7 59.5



#31
 Naphthalene
 Concen: 6.015 ng
 RT: 8.13 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF112496.D
 Acq: 11 Feb 2019 22:14

Tgt Ion: 128 Resp: 135356
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.6 14.4
 127 13.7 11.1 16.7

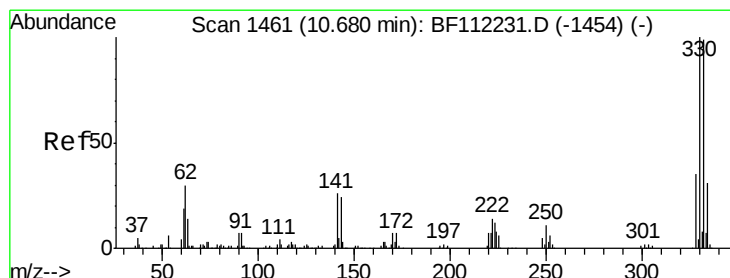
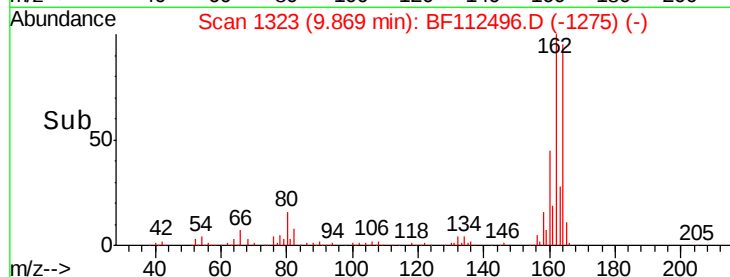
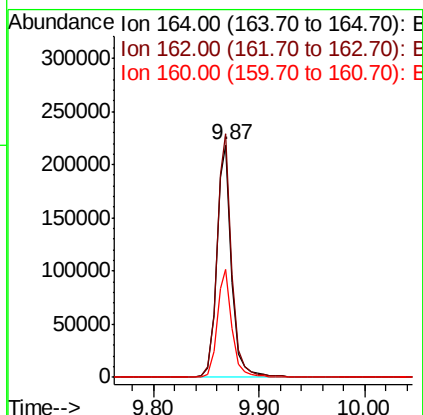
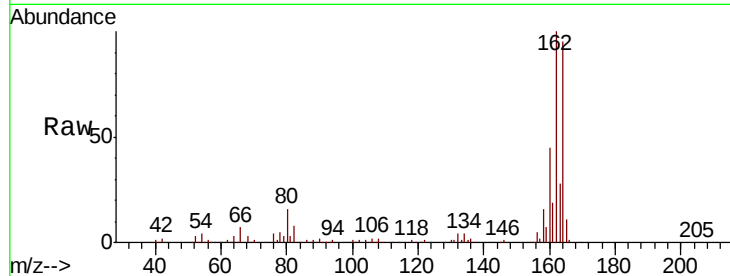




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112496.D
 Acq: 11 Feb 2019 22:14

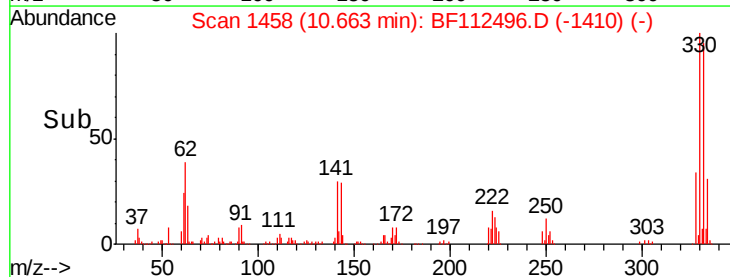
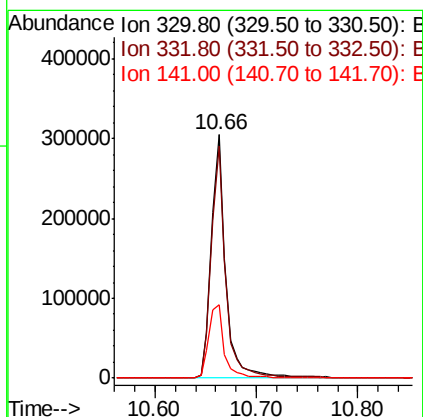
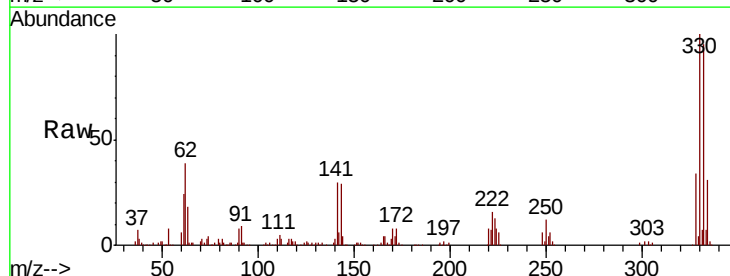
Instrument :
 BNA_F
 ClientSampleId :
 HOSPITAL-BOX-CULVERT-TP

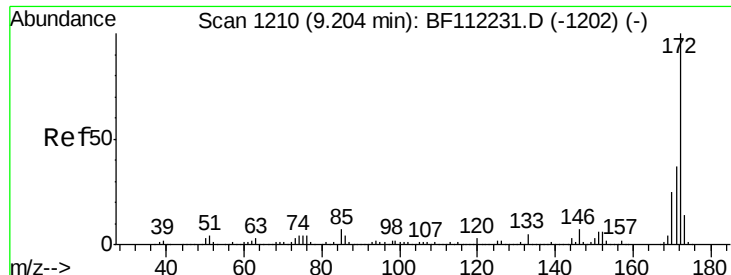
Tot Ion:164 Resp: 217242
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.2 123.4
 160 46.7 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 119.943 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112496.D
 Acq: 11 Feb 2019 22:14

Tgt Ion:330 Resp: 303292
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 33.3 24.3 36.5

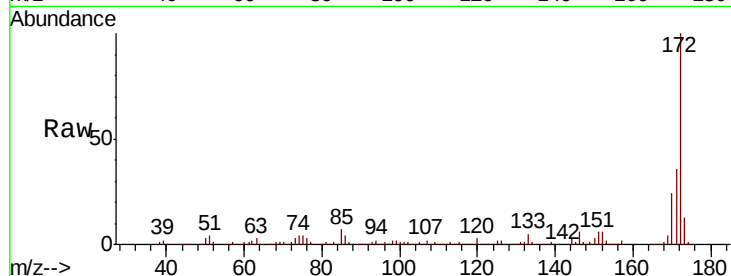




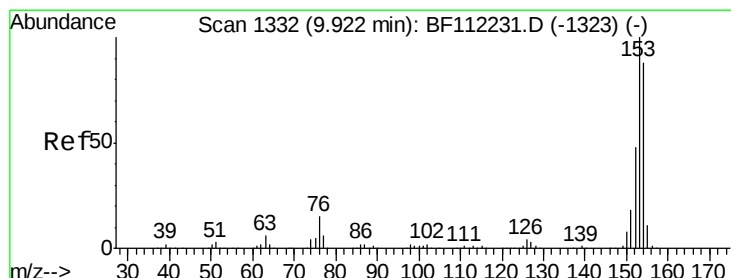
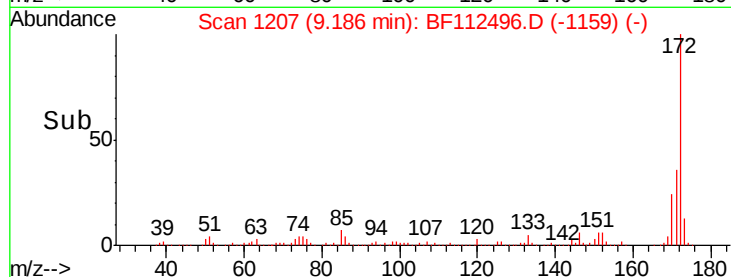
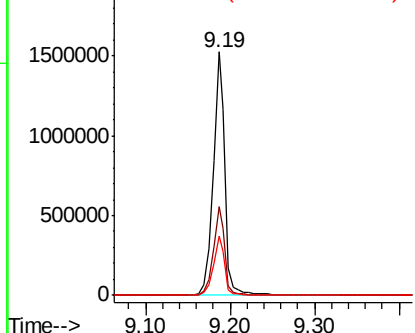
#45
2-Fluorobiphenyl
Concen: 98.295 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112496.D
Acq: 11 Feb 2019 22:14

Instrument :
BNA_F
ClientSampleId :
HOSPITAL-BOX-CULVERT-TP

Tot Ion:172 Resp: 1509811
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 24.4 20.2 30.4

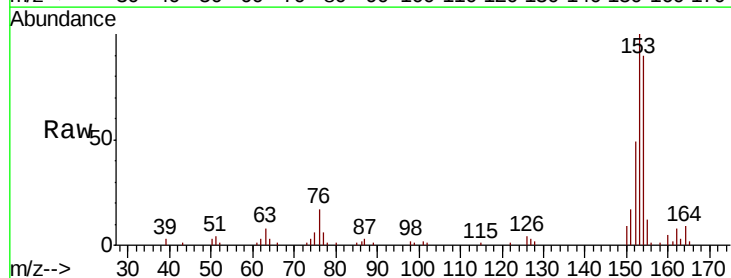


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

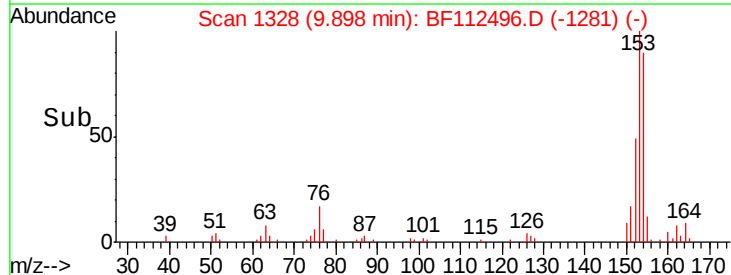
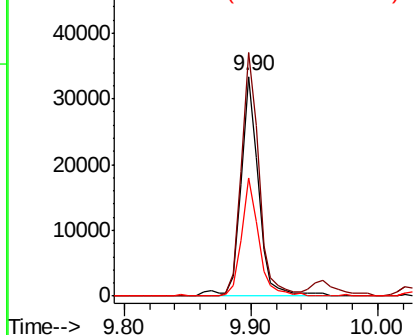


#52
Acenaphthene
Concen: 2.466 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF112496.D
Acq: 11 Feb 2019 22:14

Tgt Ion:154 Resp: 31796
Ion Ratio Lower Upper
154 100
153 110.7 89.8 134.6
152 53.8 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112496.D

Acq: 11 Feb 2019 22:14

Instrument :

BNA_F

ClientSampleId :

HOSPITAL-BOX-CULVERT-TP

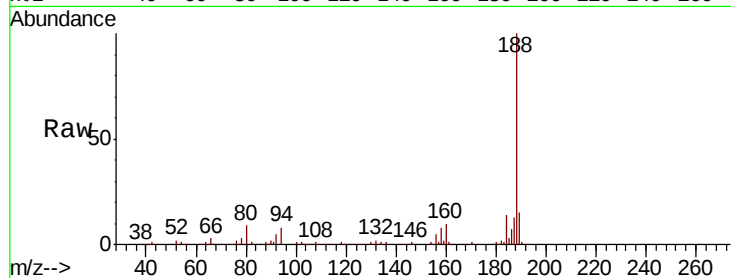
Tot Ion:188 Resp: 348148

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

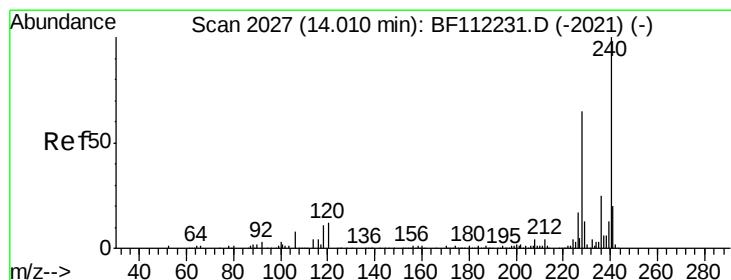
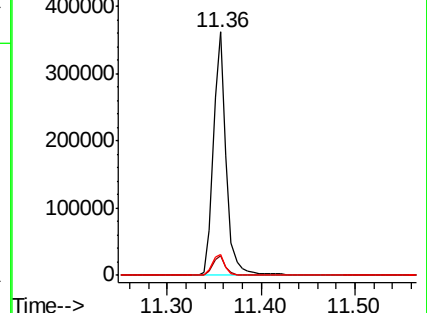
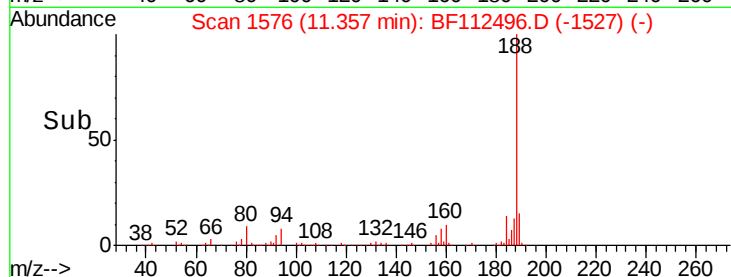
80 8.6 8.9 13.3#



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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112496.D

Acq: 11 Feb 2019 22:14

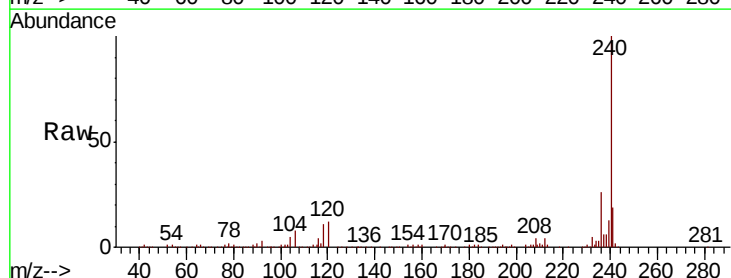
Tgt Ion:240 Resp: 277927

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.6

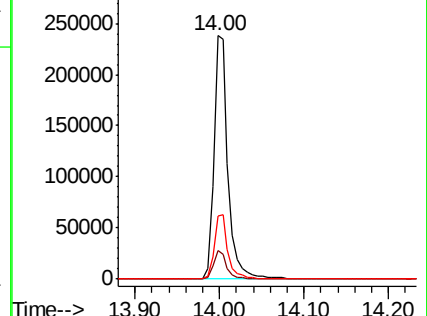
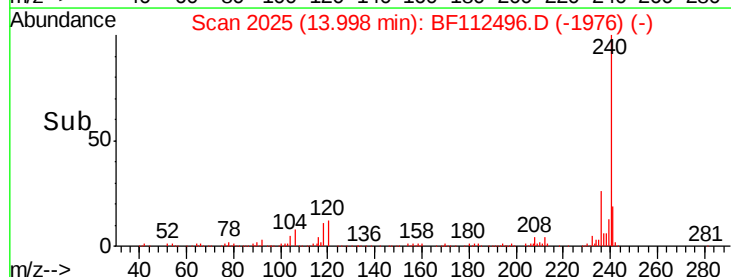
236 25.8 20.7 31.1

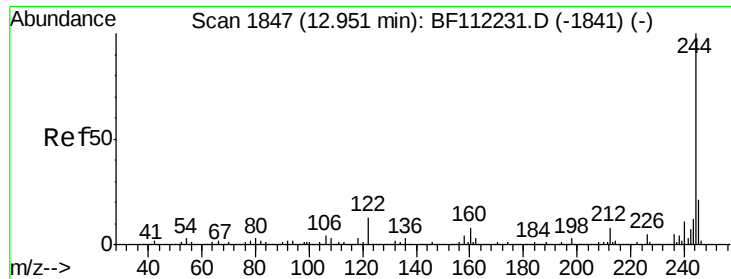


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



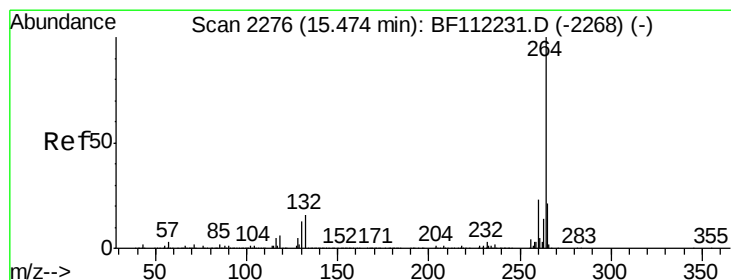
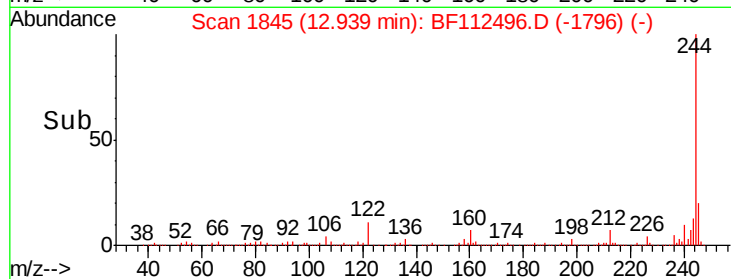
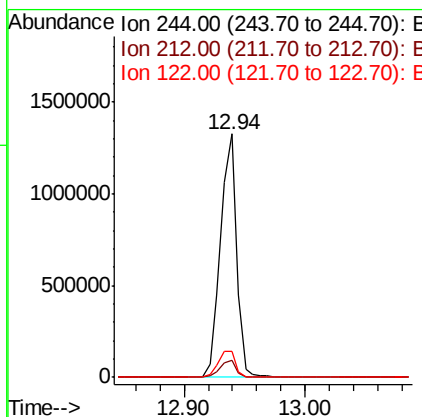
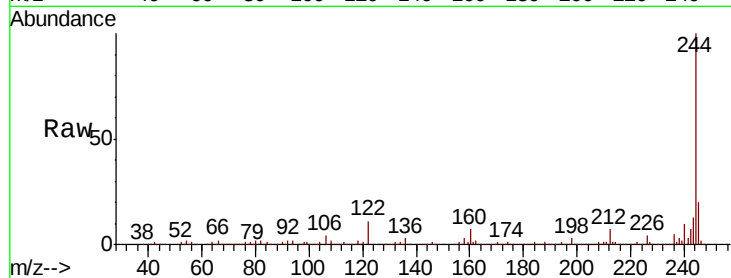


#79
 Terphenyl-d14
 Concen: 82.959 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112496.D
 Acq: 11 Feb 2019 22:14

Instrument :
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Tot Ion:244 Resp: 1224171

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.9	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112496.D
 Acq: 11 Feb 2019 22:14

Tgt Ion:264 Resp: 272356

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.2
265	21.1	17.0	25.4

