

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
 Data File : BF119452.D
 Acq On : 19 Mar 2020 21:53
 Operator : CG/JU
 Sample : L1913-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MK-031220-0-2-COMP-B3

Quant Time: Mar 20 04:42:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

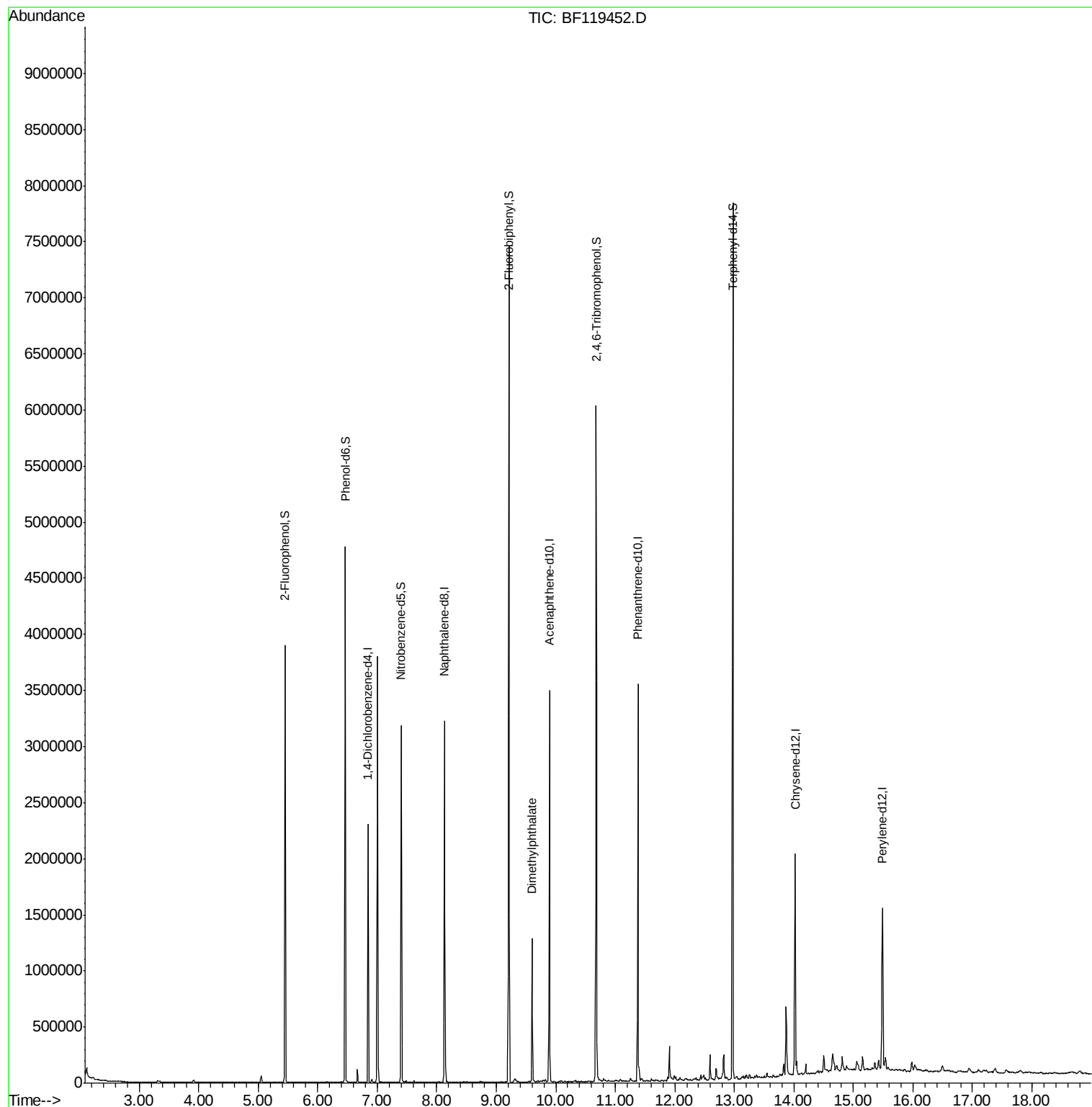
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	330937	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1290728	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	670969	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1168253	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	607251	20.00	ng	-0.01
87) Perylene-d12	15.49	264	663634	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1001170	48.16	ng	0.00
7) Phenol-d6	6.46	99	1578662	59.45	ng	-0.01
23) Nitrobenzene-d5	7.40	82	948594	39.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	718712	103.83	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2415709	53.34	ng	0.00
79) Terphenyl-d14	12.97	244	2887436	93.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	425983	8.938	ng	Qvalue 100

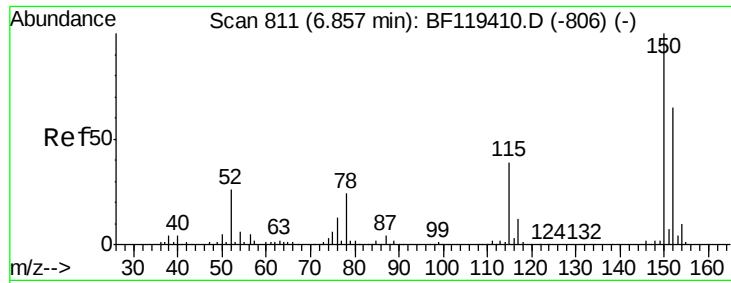
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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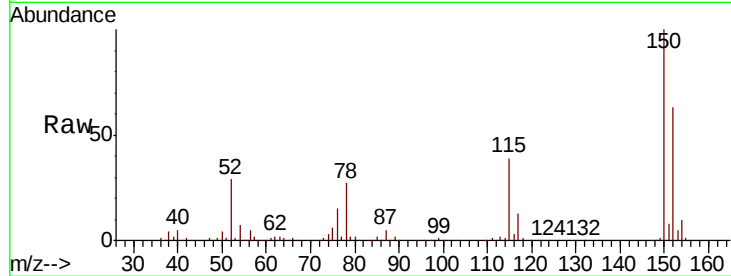


#1

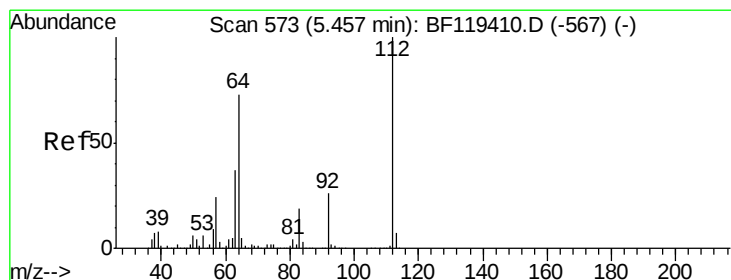
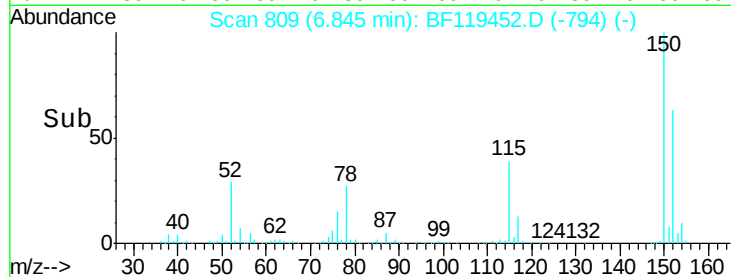
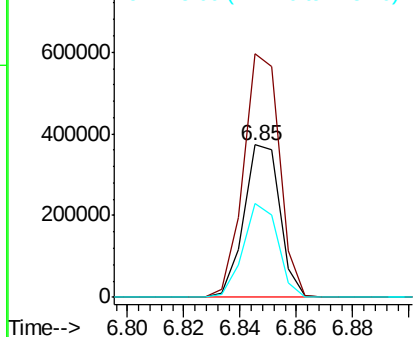
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119452.D
Acq: 19 Mar 2020 21:53

Instrument :
BNA_F
ClientSampleId :
MK-031220-0-2-COMP-B3

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	123.9	185.9
115	61.8	47.8	71.6



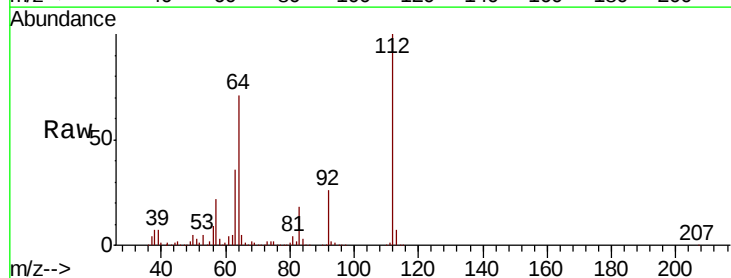
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



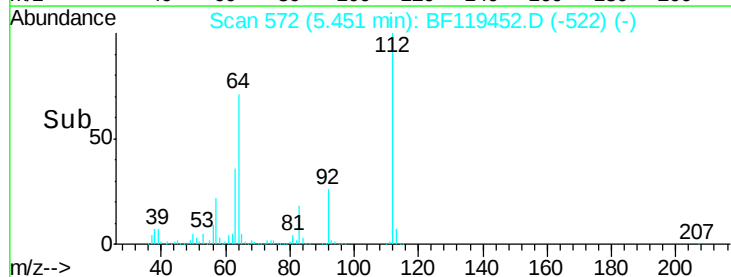
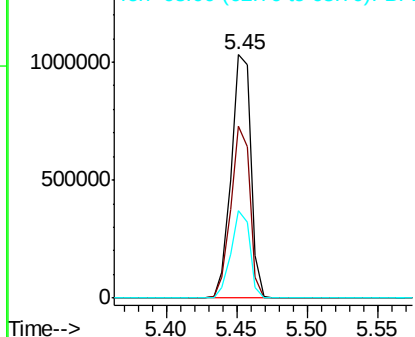
#5

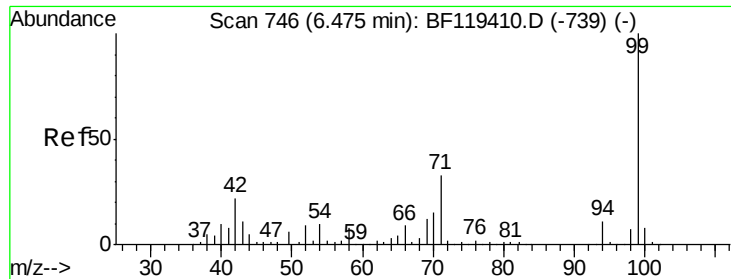
2-Fluorophenol
Concen: 48.159 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF119452.D
Acq: 19 Mar 2020 21:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	58.1	87.1
63	36.1	29.7	44.5



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: 59.446 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF119452.D

Acq: 19 Mar 2020 21:53

Instrument :

BNA_F

ClientSampleId :

MK-031220-0-2-COMP-B3

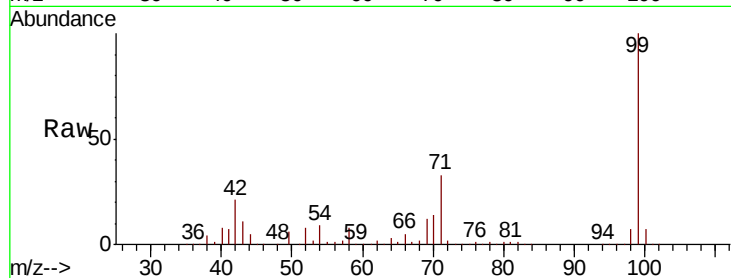
Tot Ion: 99 Resp: 1578662

Ion Ratio Lower Upper

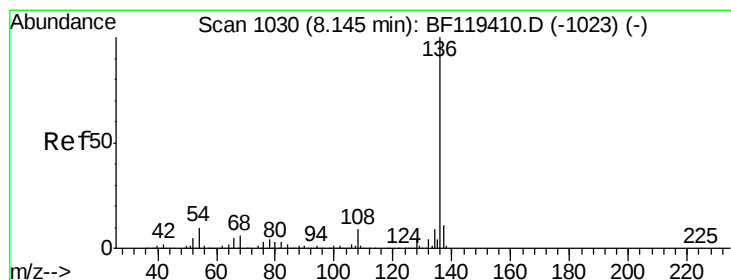
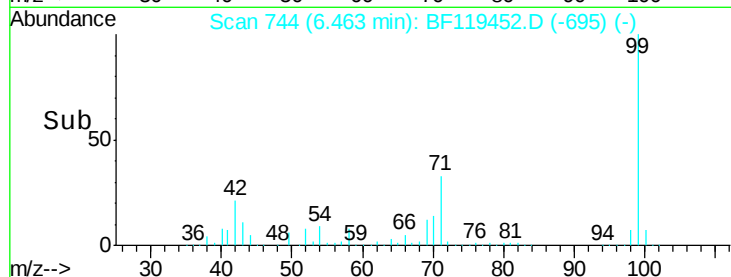
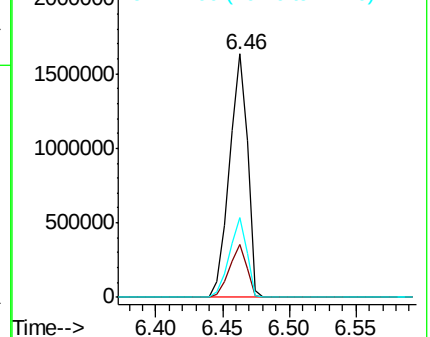
99 100

42 21.5 17.8 26.6

71 32.5 26.0 39.0



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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119452.D

Acq: 19 Mar 2020 21:53

Tgt Ion: 136 Resp: 1290728

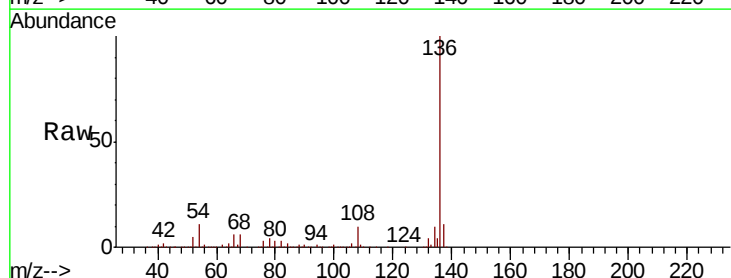
Ion Ratio Lower Upper

136 100

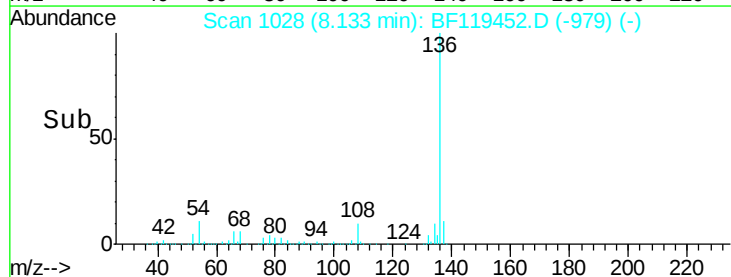
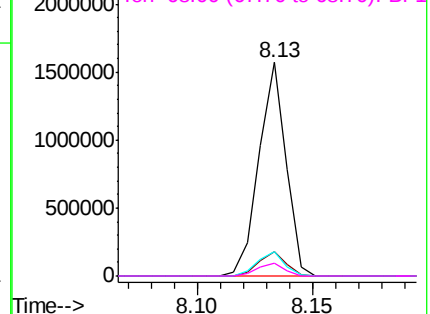
137 11.2 8.4 12.6

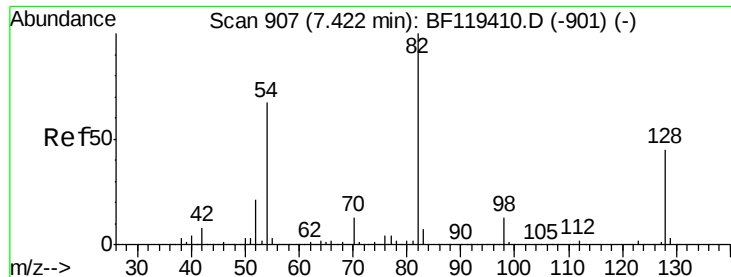
54 11.2 8.3 12.5

68 6.1 4.9 7.3



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

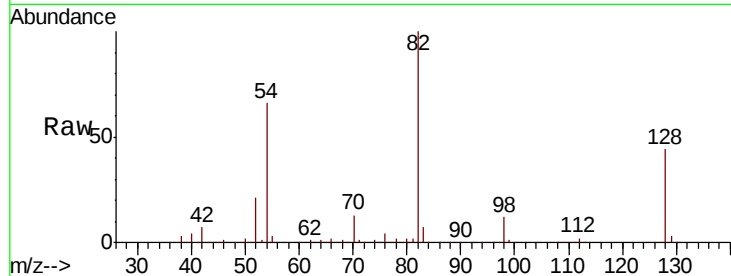




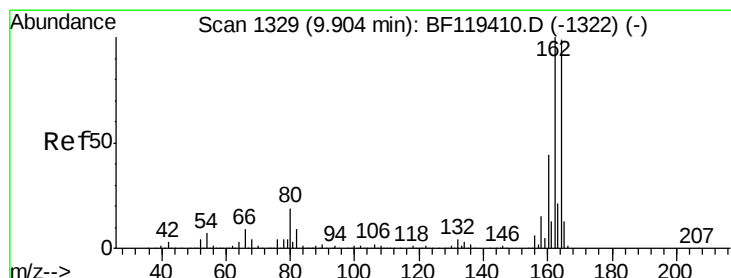
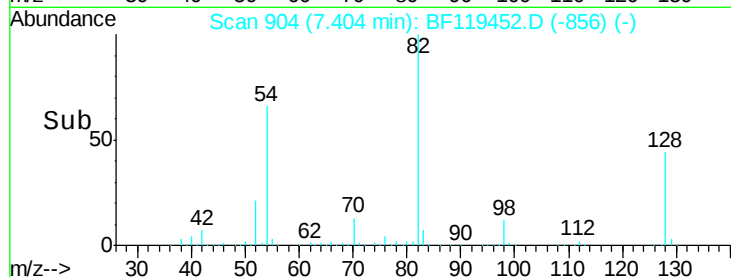
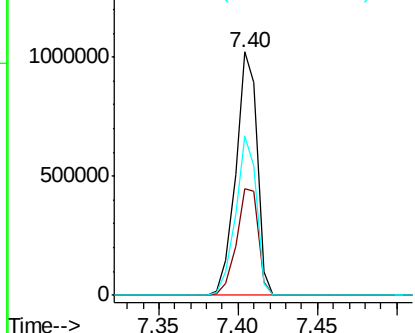
#23
Nitrobenzene-d5
Concen: 39.942 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF119452.D
Acq: 19 Mar 2020 21:53

Instrument :
BNA_F
ClientSampleId :
MK-031220-0-2-COMP-B3

Tot Ion: 82 Resp: 948594
Ion Ratio Lower Upper
82 100
128 43.9 35.8 53.8
54 65.5 53.4 80.0

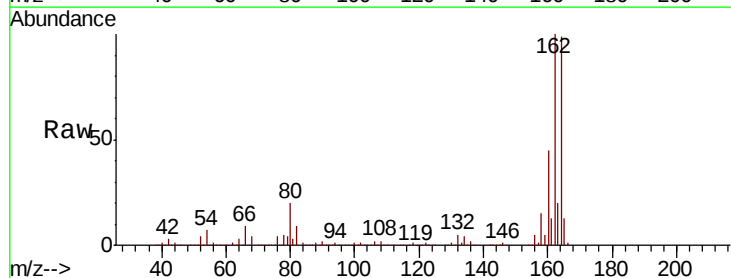


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

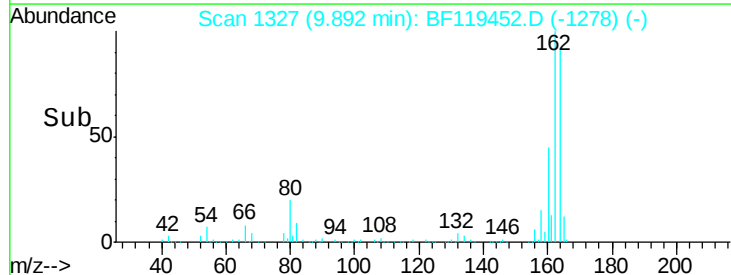
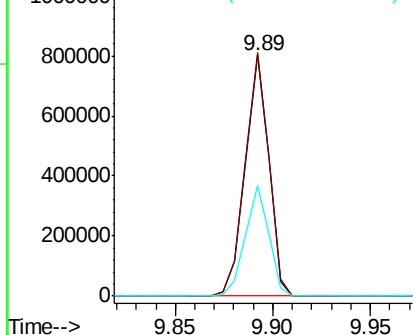


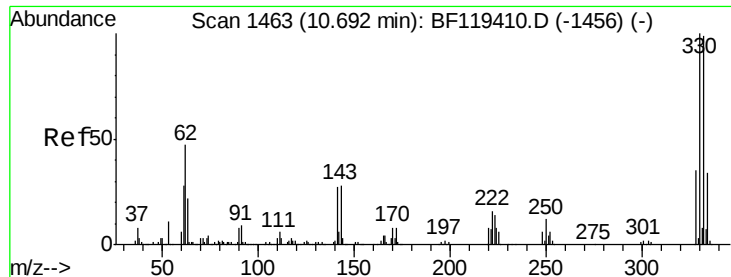
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119452.D
Acq: 19 Mar 2020 21:53

Tgt Ion: 164 Resp: 670969
Ion Ratio Lower Upper
164 100
162 101.1 80.7 121.1
160 45.7 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

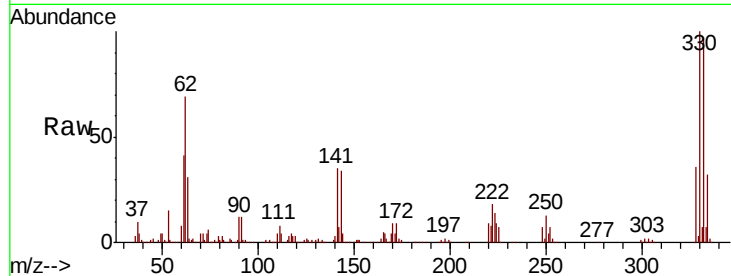




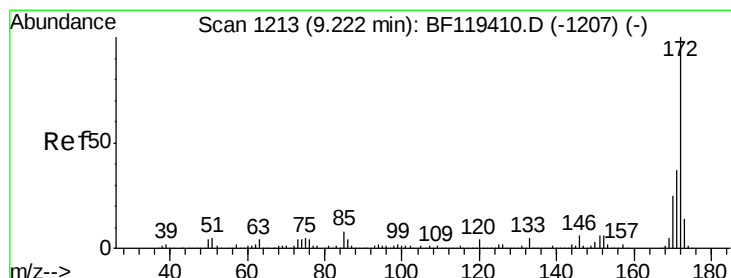
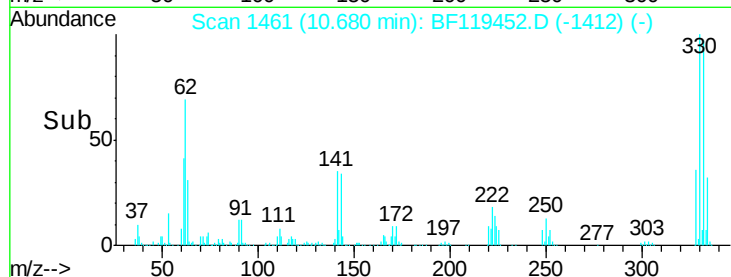
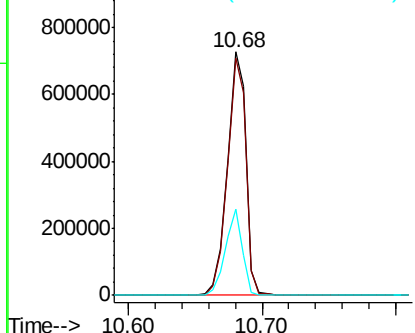
#42
 2,4,6-Tribromophenol
 Concen: 103.828 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119452.D
 Acq: 19 Mar 2020 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MK-031220-0-2-COMP-B3

Tot Ion:330 Resp: 718712
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.6 116.4
 141 32.6 26.6 40.0

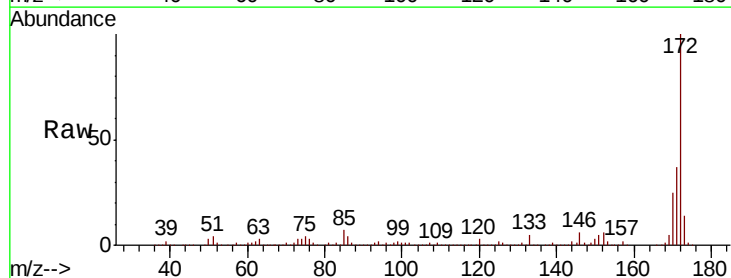


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

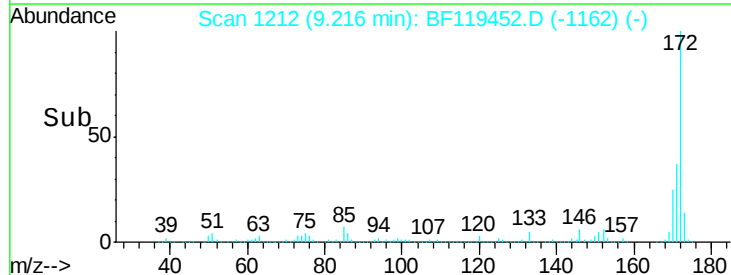
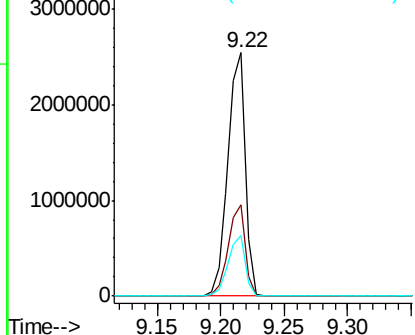


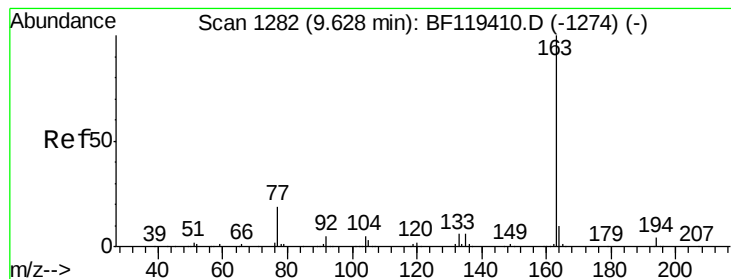
#45
 2-Fluorobiphenyl
 Concen: 53.338 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119452.D
 Acq: 19 Mar 2020 21:53

Tgt Ion:172 Resp: 2415709
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.9 44.9
 170 25.0 20.1 30.1



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: 8.938 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF119452.D

Acq: 19 Mar 2020 21:53

Instrument :

BNA_F

ClientSampleId :

MK-031220-0-2-COMP-B3

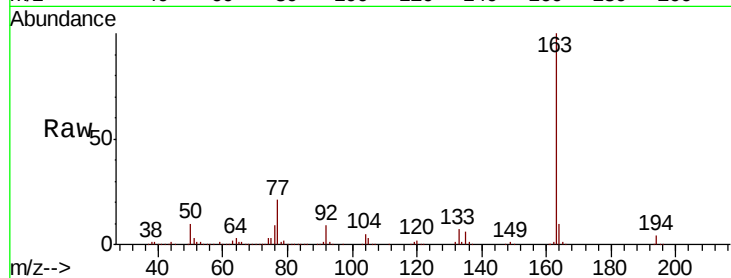
Tot Ion:163 Resp: 425983

Ion Ratio Lower Upper

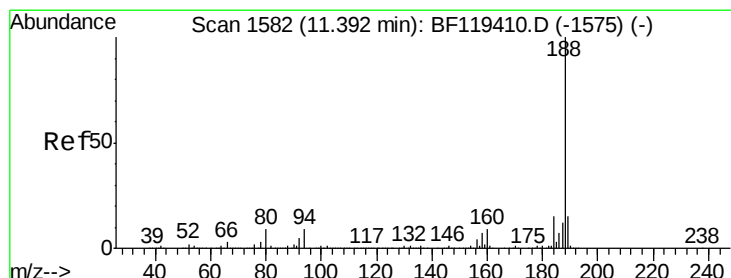
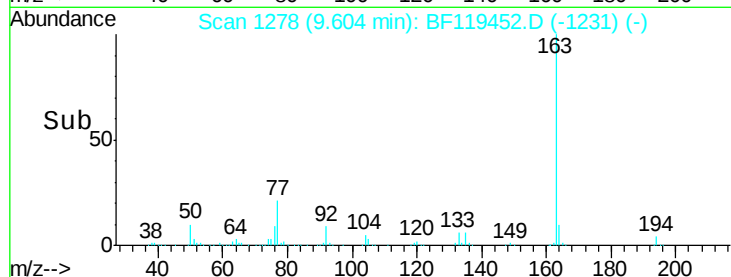
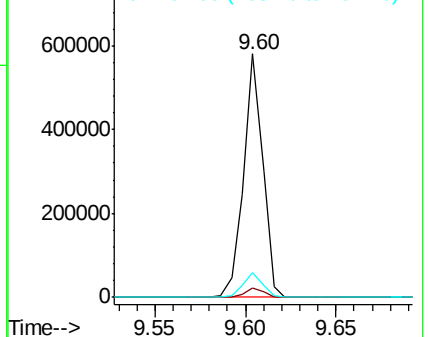
163 100

194 3.6 3.2 4.8

164 10.1 8.1 12.1



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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119452.D

Acq: 19 Mar 2020 21:53

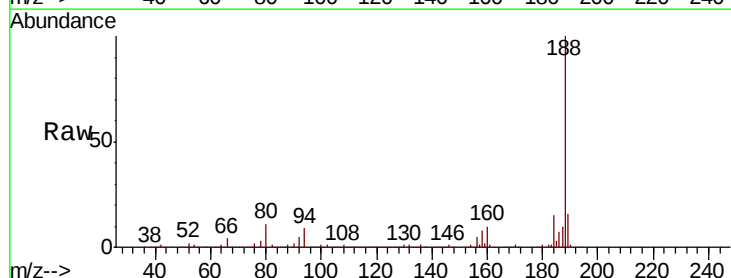
Tgt Ion:188 Resp: 1168253

Ion Ratio Lower Upper

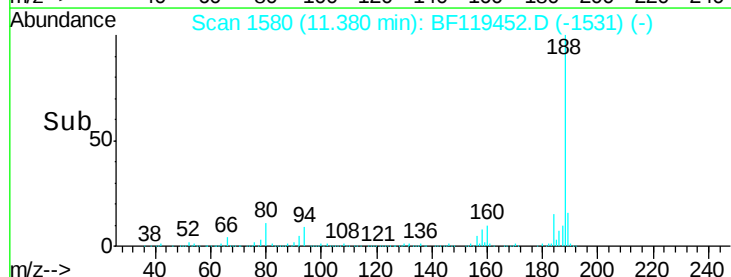
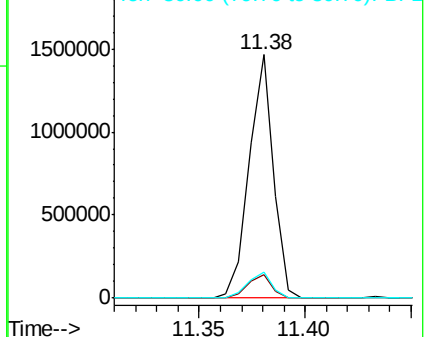
188 100

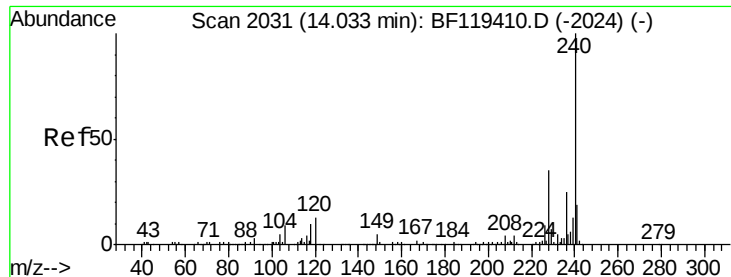
94 9.4 7.1 10.7

80 10.7 7.5 11.3



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

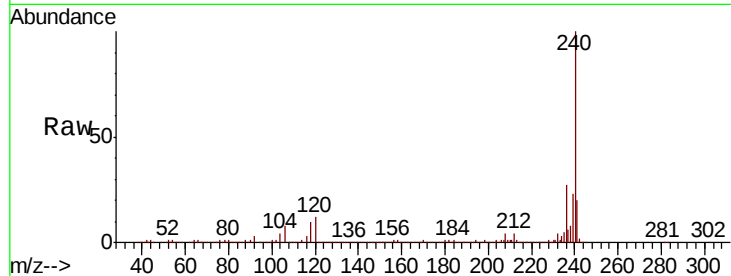




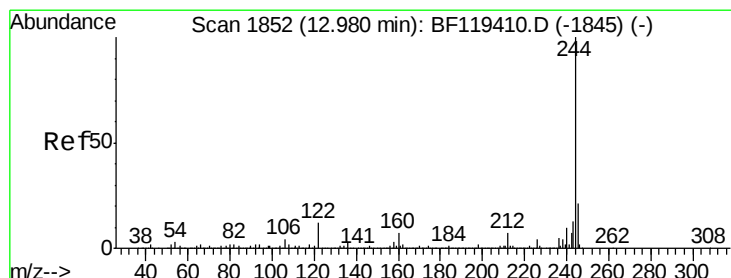
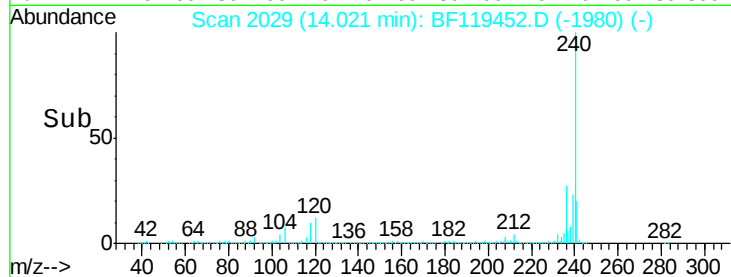
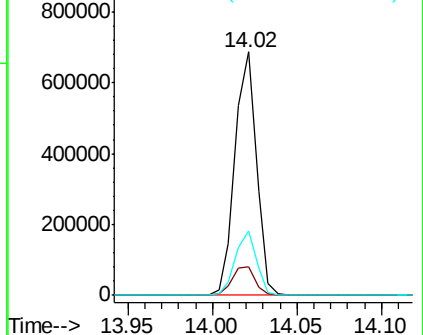
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF119452.D
 Acq: 19 Mar 2020 21:53

Instrument :
 BNA_F
 ClientSampleId :
 MK-031220-0-2-COMP-B3

Tot Ion:240 Resp: 607251
 Ion Ratio Lower Upper
 240 100
 120 11.6 10.2 15.4
 236 26.6 20.4 30.6

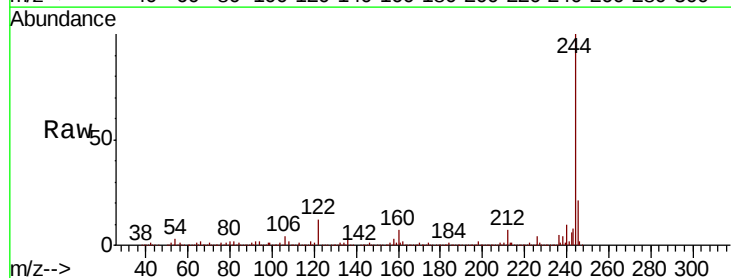


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

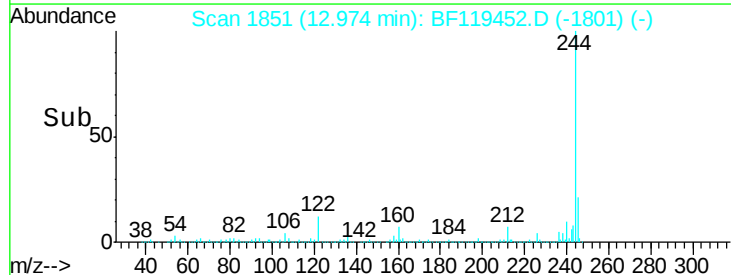
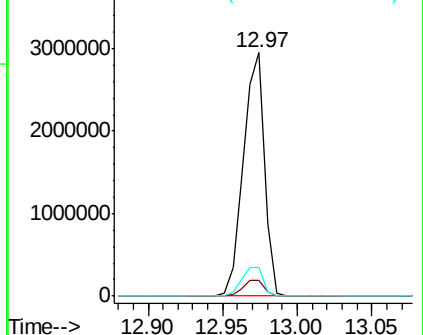


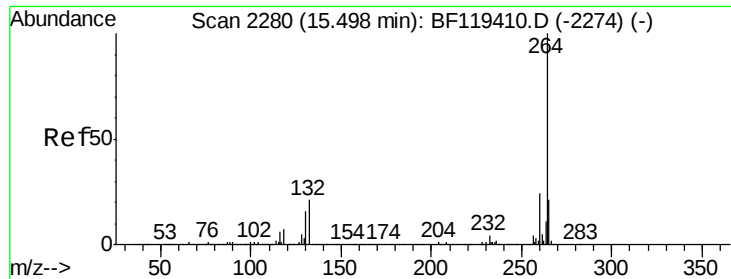
#79
 Terphenyl-d14
 Concen: 93.159 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119452.D
 Acq: 19 Mar 2020 21:53

Tgt Ion:244 Resp: 2887436
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 11.7 9.8 14.8



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: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119452.D
Acq: 19 Mar 2020 21:53

Instrument :
BNA_F
ClientSampleId :
MK-031220-0-2-COMP-B3

Tot Ion: 264 Resp: 663634

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.8	16.9	25.3

