

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117466.D
 Acq On : 21 Oct 2019 23:48
 Operator : JU
 Sample : K5447-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT5124

Quant Time: Oct 22 03:07:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

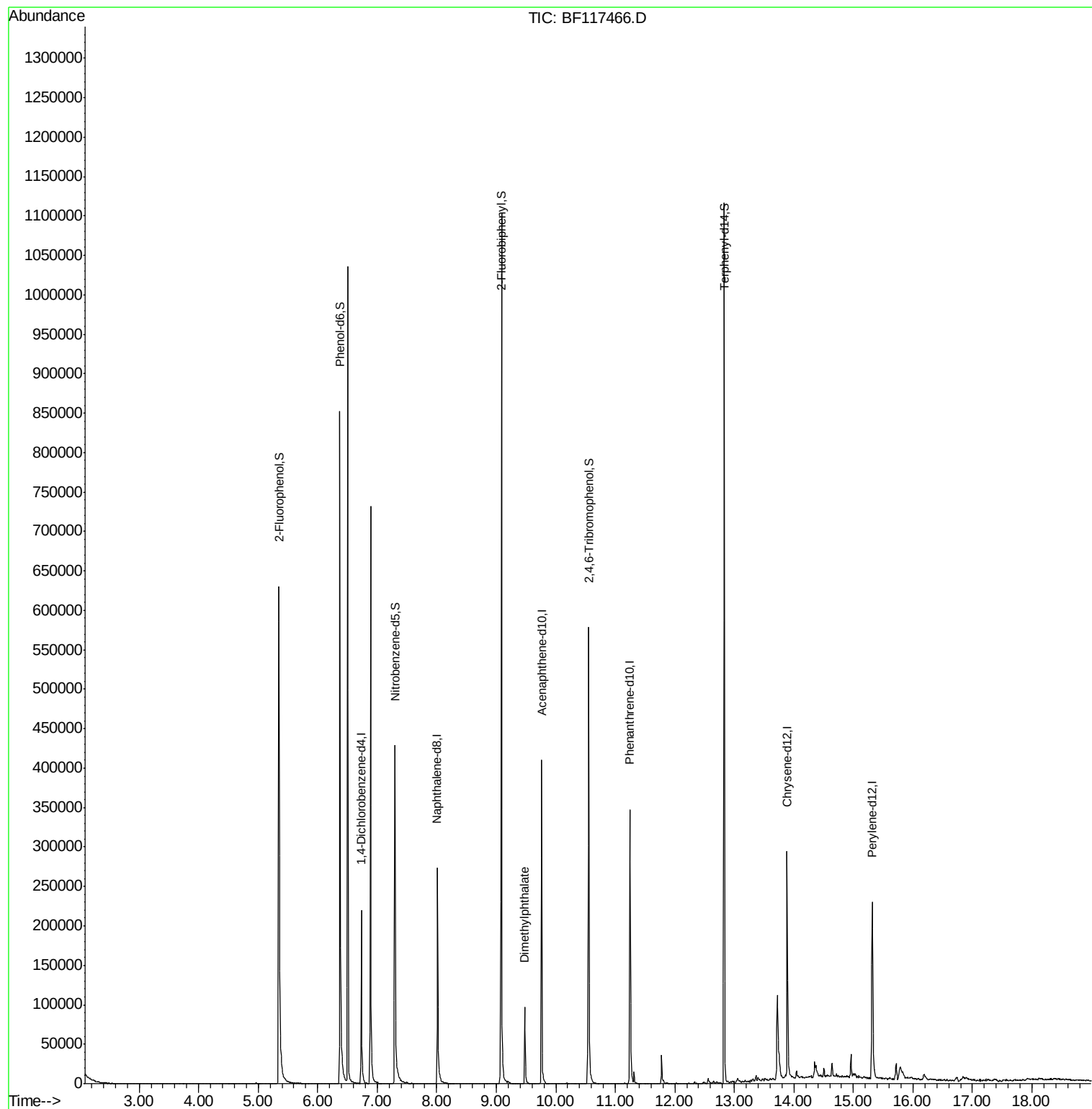
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	39467	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	161020	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	82690	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	136049	20.00	ng	0.00
76) Chrysene-d12	13.89	240	114779	20.00	ng	-0.01
87) Perylene-d12	15.32	264	111238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	236414	89.12	ng	0.00
7) Phenol-d6	6.37	99	318237	89.31	ng	0.00
23) Nitrobenzene-d5	7.30	82	193667	59.38	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	63509	88.76	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	352552	60.07	ng	0.00
79) Terphenyl-d14	12.83	244	361120	51.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	42065	7.136	ng	Qvalue 99

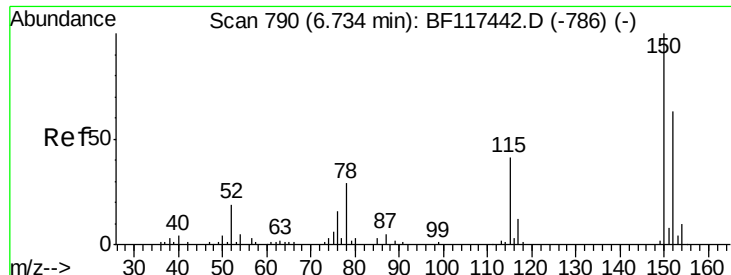
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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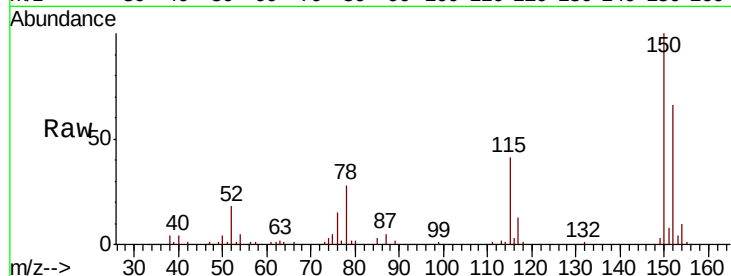


#1

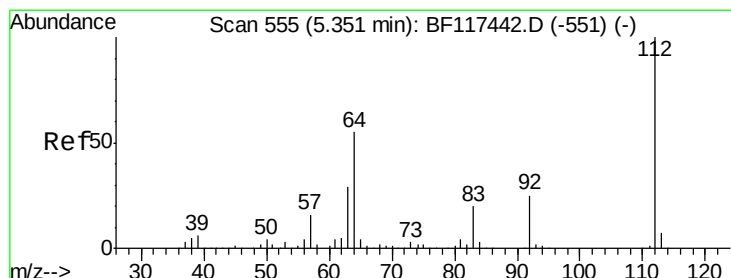
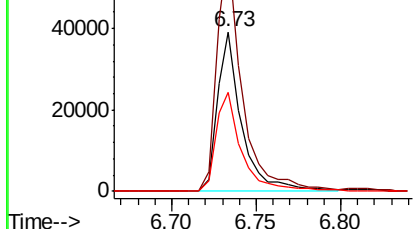
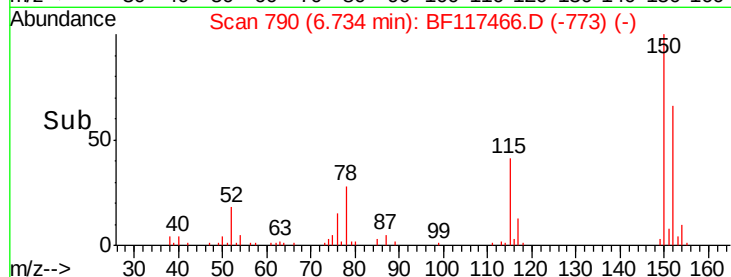
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Instrument :
BNA_F
ClientSampleId :
RT5124

Tot Ion:152 Resp: 39467
Ion Ratio Lower Upper
152 100
150 152.5 126.8 190.2
115 61.8 51.6 77.4



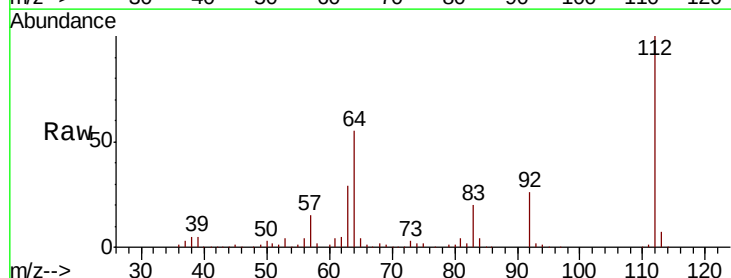
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



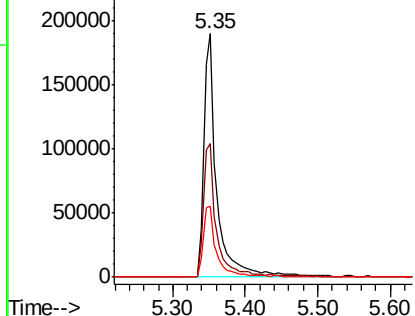
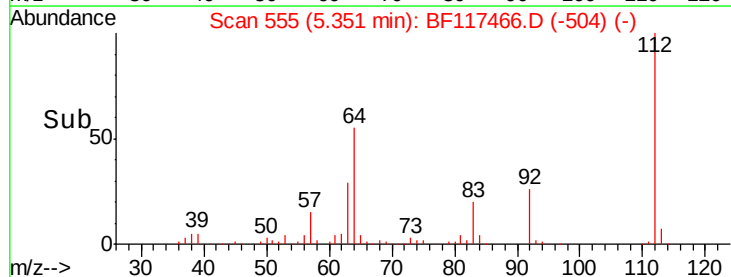
#5

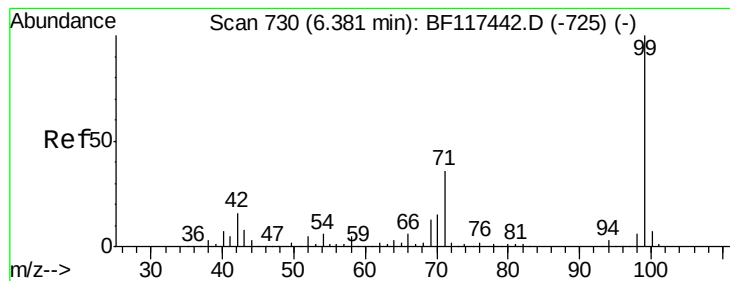
2-Fluorophenol
Concen: 89.116 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Tgt Ion:112 Resp: 236414
Ion Ratio Lower Upper
112 100
64 54.8 44.1 66.1
63 29.2 23.4 35.2



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: 89.314 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF117466.D

Acq: 21 Oct 2019 23:48

Instrument :

BNA_F

ClientSampleId :

RT5124

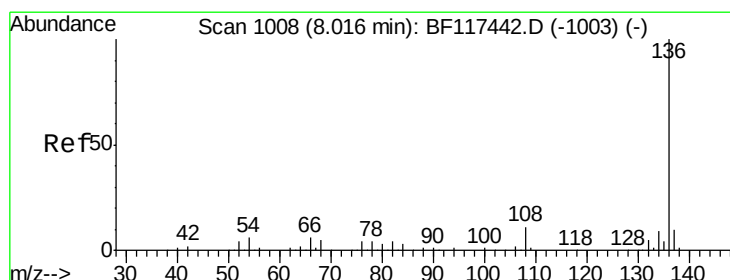
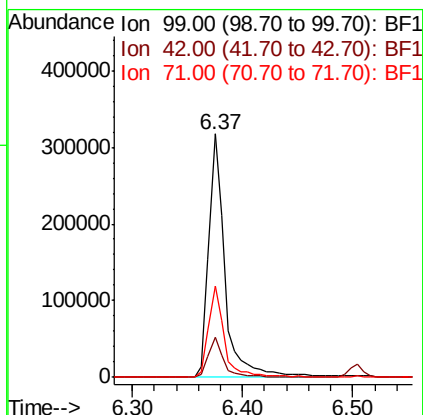
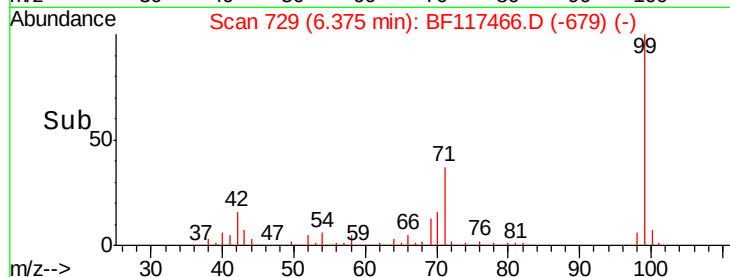
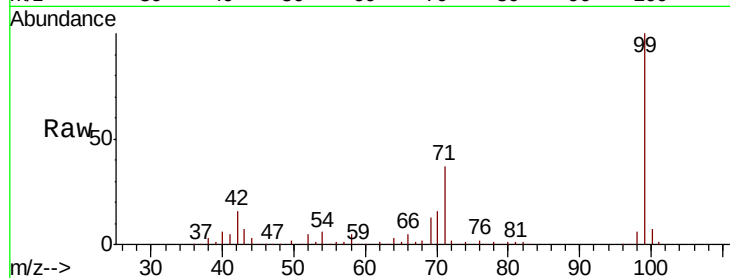
Tot Ion: 99 Resp: 318237

Ion Ratio Lower Upper

99 100

42 16.4 12.8 19.2

71 37.3 28.6 43.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117466.D

Acq: 21 Oct 2019 23:48

Tgt Ion: 136 Resp: 161020

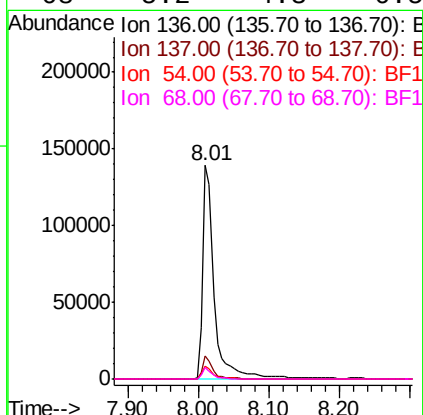
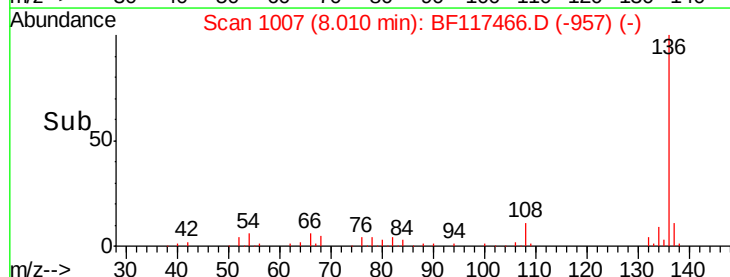
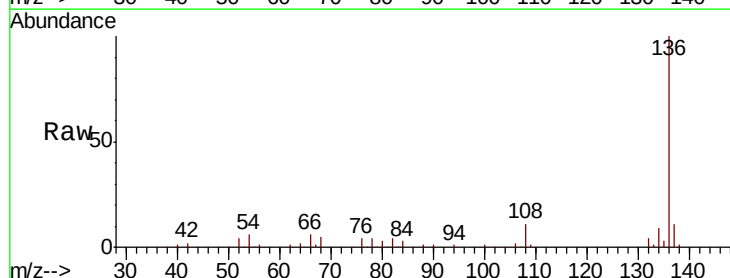
Ion Ratio Lower Upper

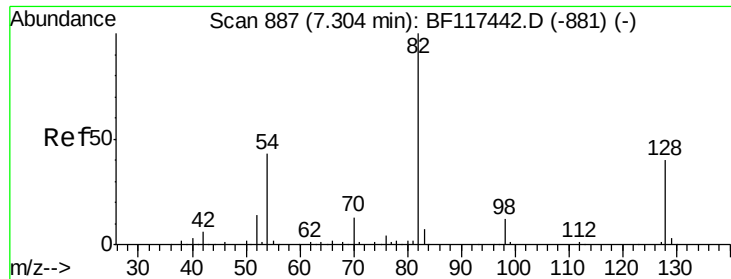
136 100

137 10.5 8.2 12.4

54 5.7 4.5 6.7

68 5.2 4.3 6.5

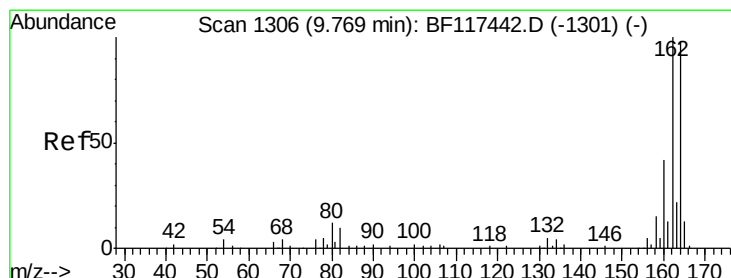
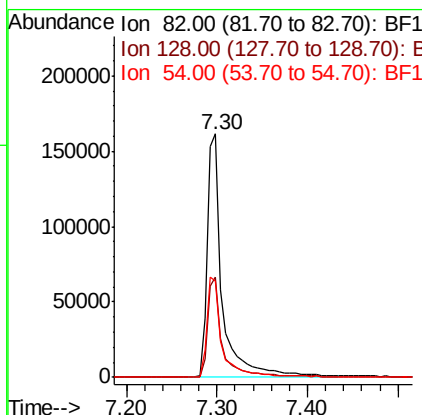
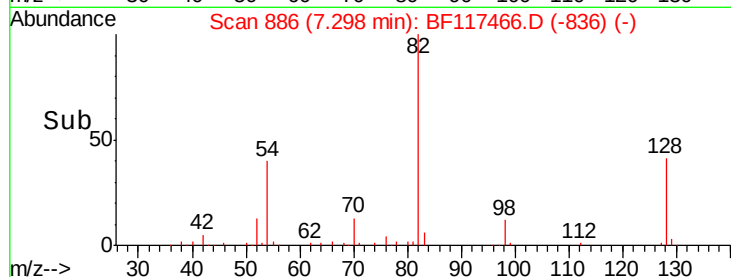
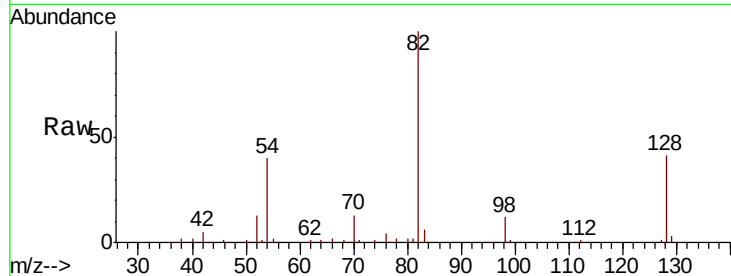




#23
 Nitrobenzene-d5
 Concen: 59.377 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117466.D
 Acq: 21 Oct 2019 23:48

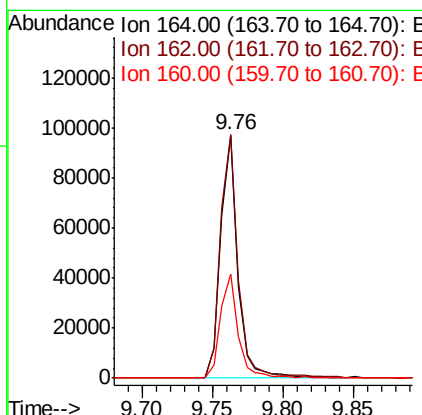
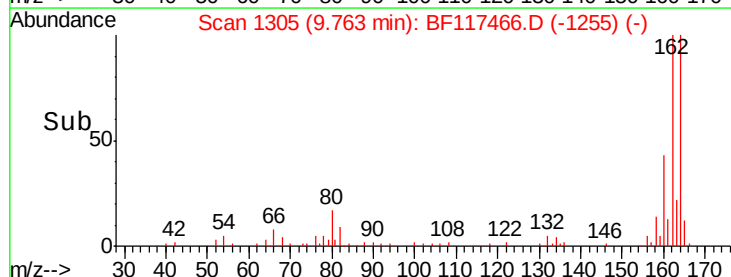
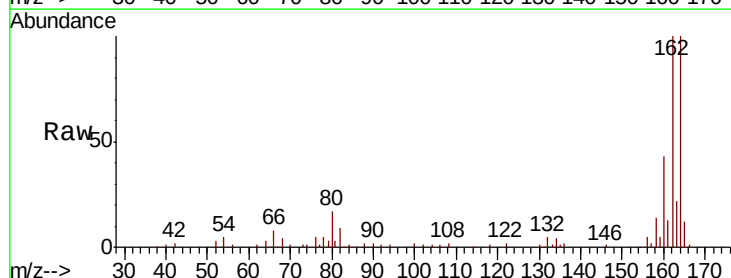
Instrument :
 BNA_F
 ClientSampleId :
 RT5124

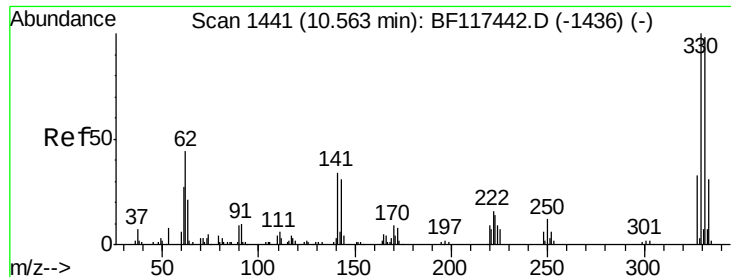
Tot Ion	82	Resp	193667
Ion Ratio	100	Lower	Upper
128	41.4	32.2	48.2
54	39.5	34.2	51.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117466.D
 Acq: 21 Oct 2019 23:48

Tgt Ion	164	Resp	82690
Ion Ratio	100	Lower	Upper
162	100.3	81.8	122.6
160	42.8	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 88.764 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF117466.D

Acq: 21 Oct 2019 23:48

Instrument :

BNA_F

ClientSampleId :

RT5124

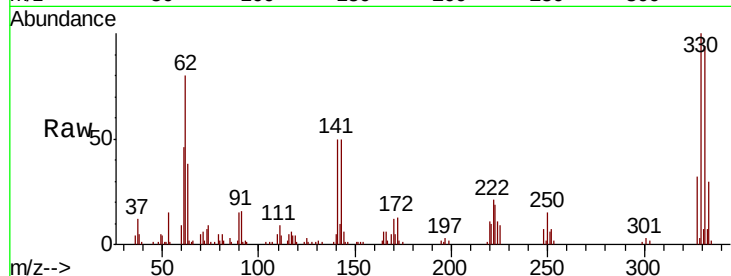
Tot Ion:330 Resp: 63509

Ion Ratio Lower Upper

330 100

332 94.2 78.5 117.7

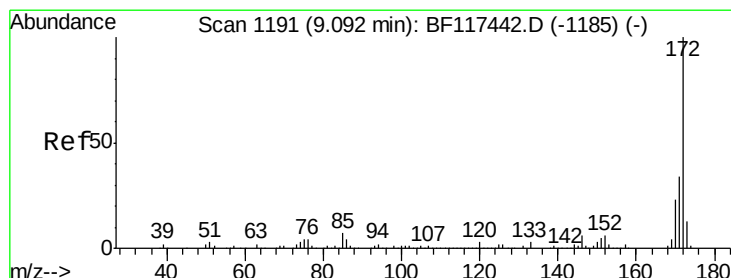
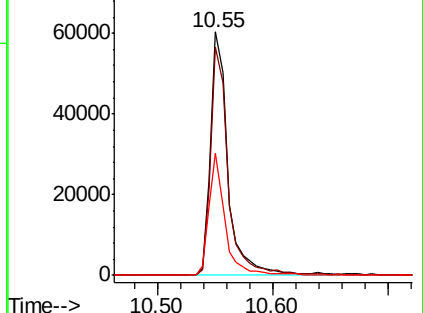
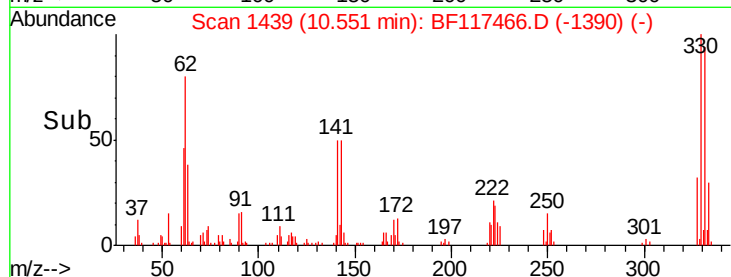
141 46.3 37.0 55.6



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: 60.073 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117466.D

Acq: 21 Oct 2019 23:48

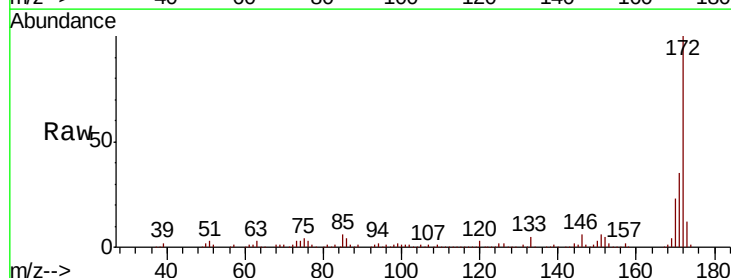
Tgt Ion:172 Resp: 352552

Ion Ratio Lower Upper

172 100

171 34.6 27.5 41.3

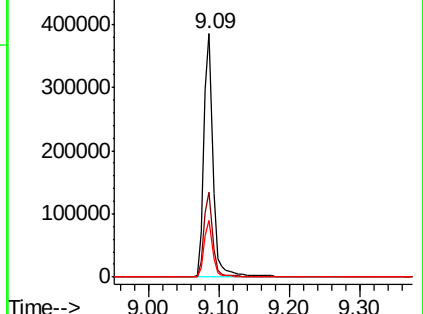
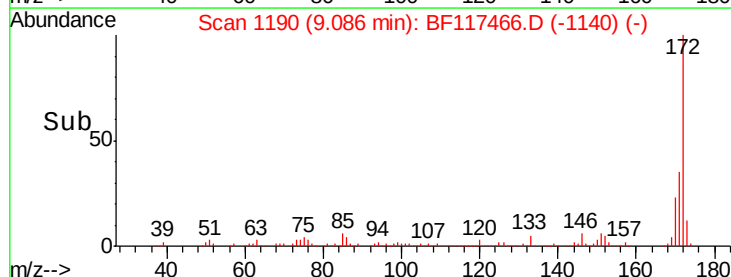
170 23.1 18.6 27.8

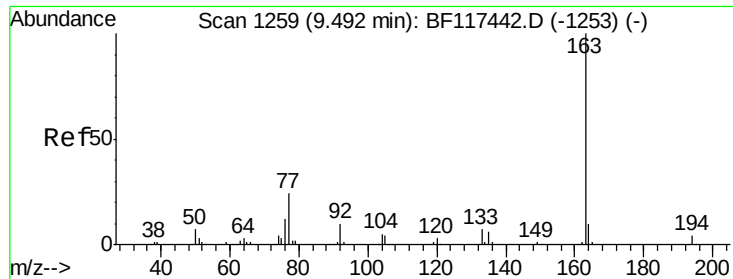


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

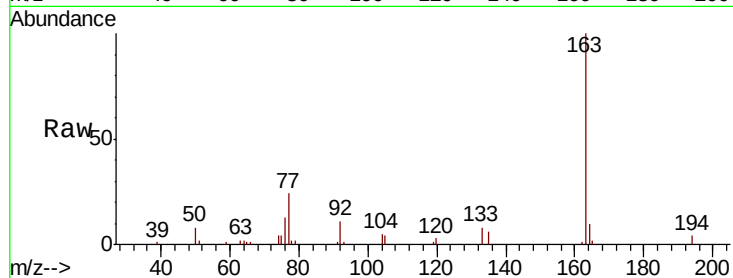




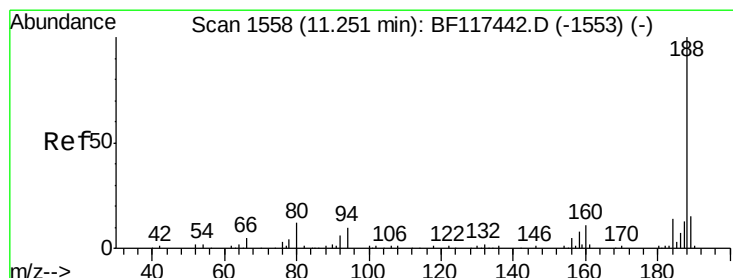
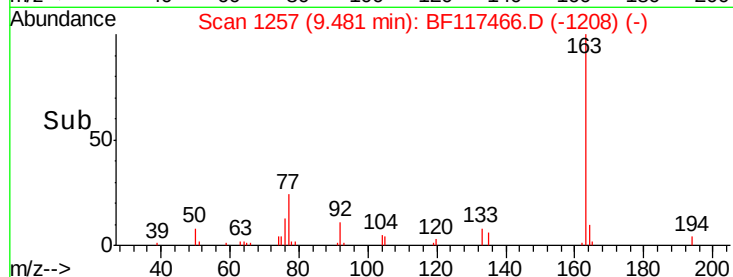
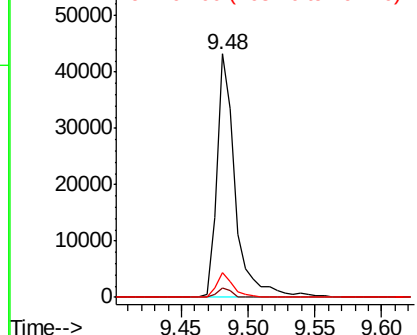
#50
Dimethylphthalate
Concen: 7.136 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Instrument :
BNA_F
ClientSampleId :
RT5124

Tot Ion:163 Resp: 42065
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 10.3 8.2 12.2

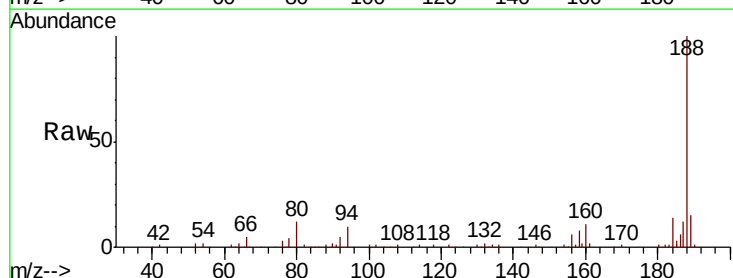


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

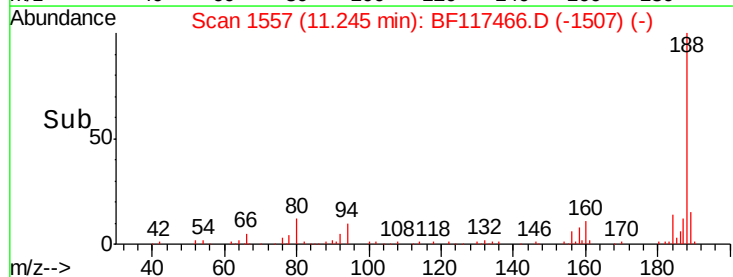
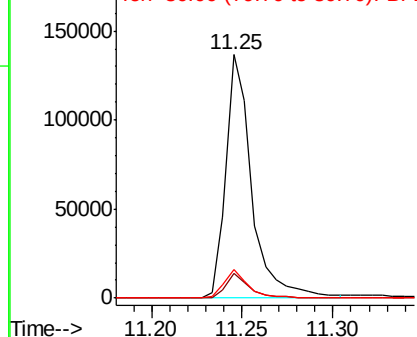


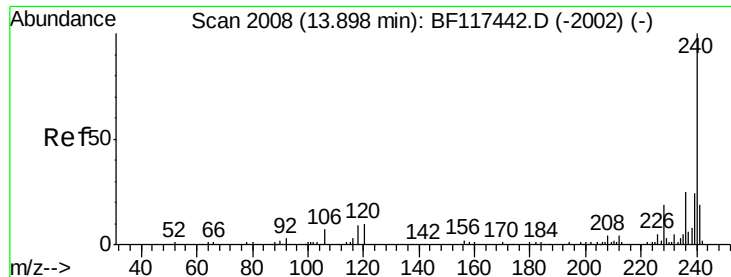
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Tgt Ion:188 Resp: 136049
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 11.7 9.5 14.3



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

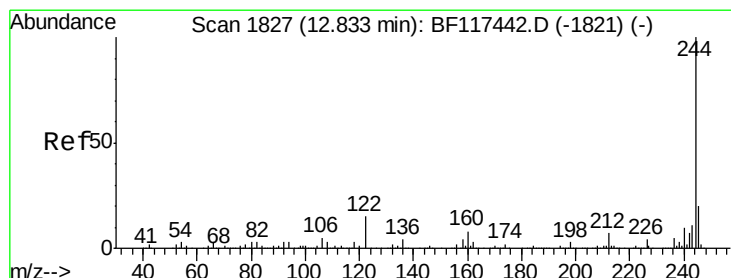
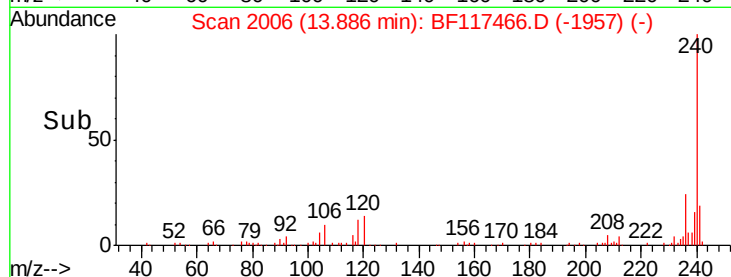
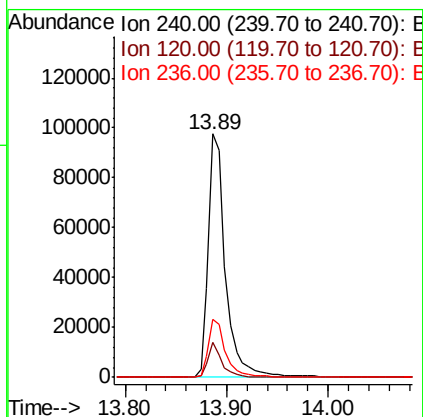
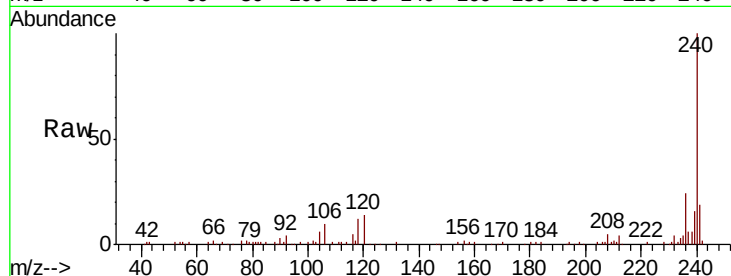




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

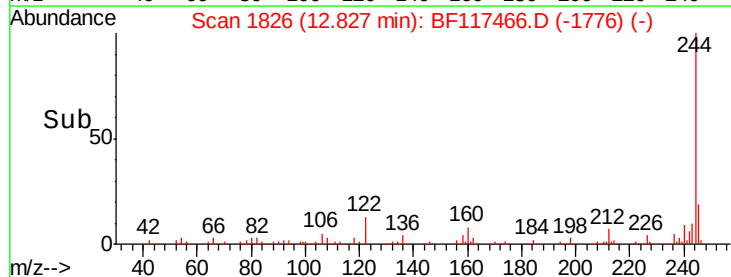
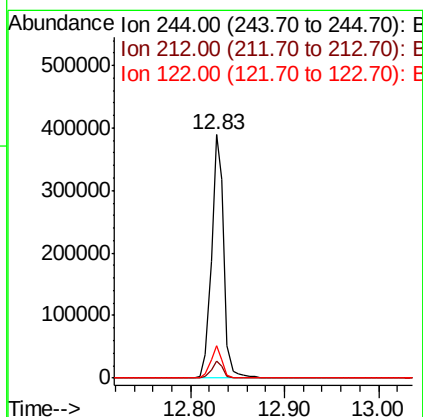
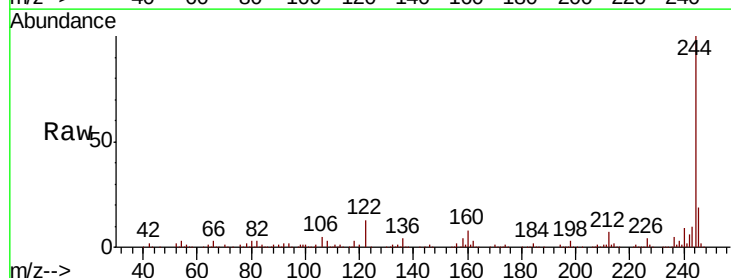
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BNA_F
ClientSampleId :
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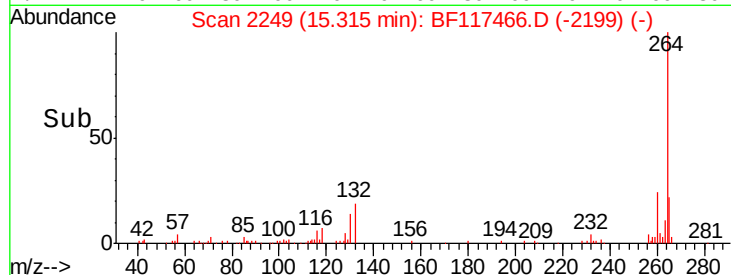
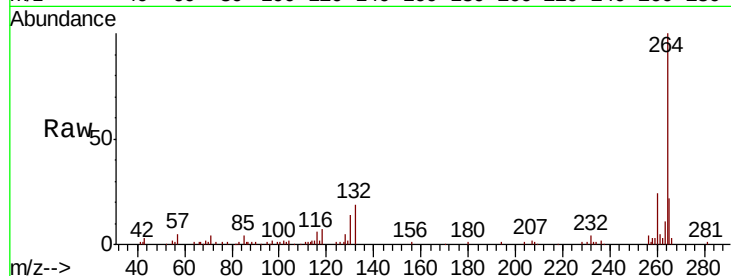
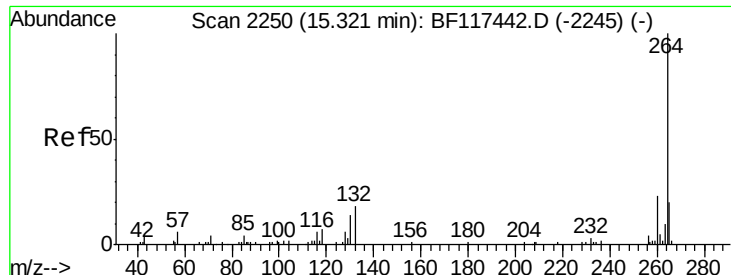
Tot Ion:240 Resp: 114779
Ion Ratio Lower Upper
240 100
120 14.1 8.4 12.6#
236 23.7 20.0 30.0



#79
Terphenyl-d14
Concen: 51.318 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Tgt Ion:244 Resp: 361120
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 13.1 11.8 17.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Instrument :
BNA_F
ClientSampleId :
RT5124

Tot Ion:	264	Resp:	111238
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.8	16.1	24.1

