

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117471.D
 Acq On : 22 Oct 2019 2:02
 Operator : JU
 Sample : K5447-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT5124

Quant Time: Oct 22 04:32:20 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

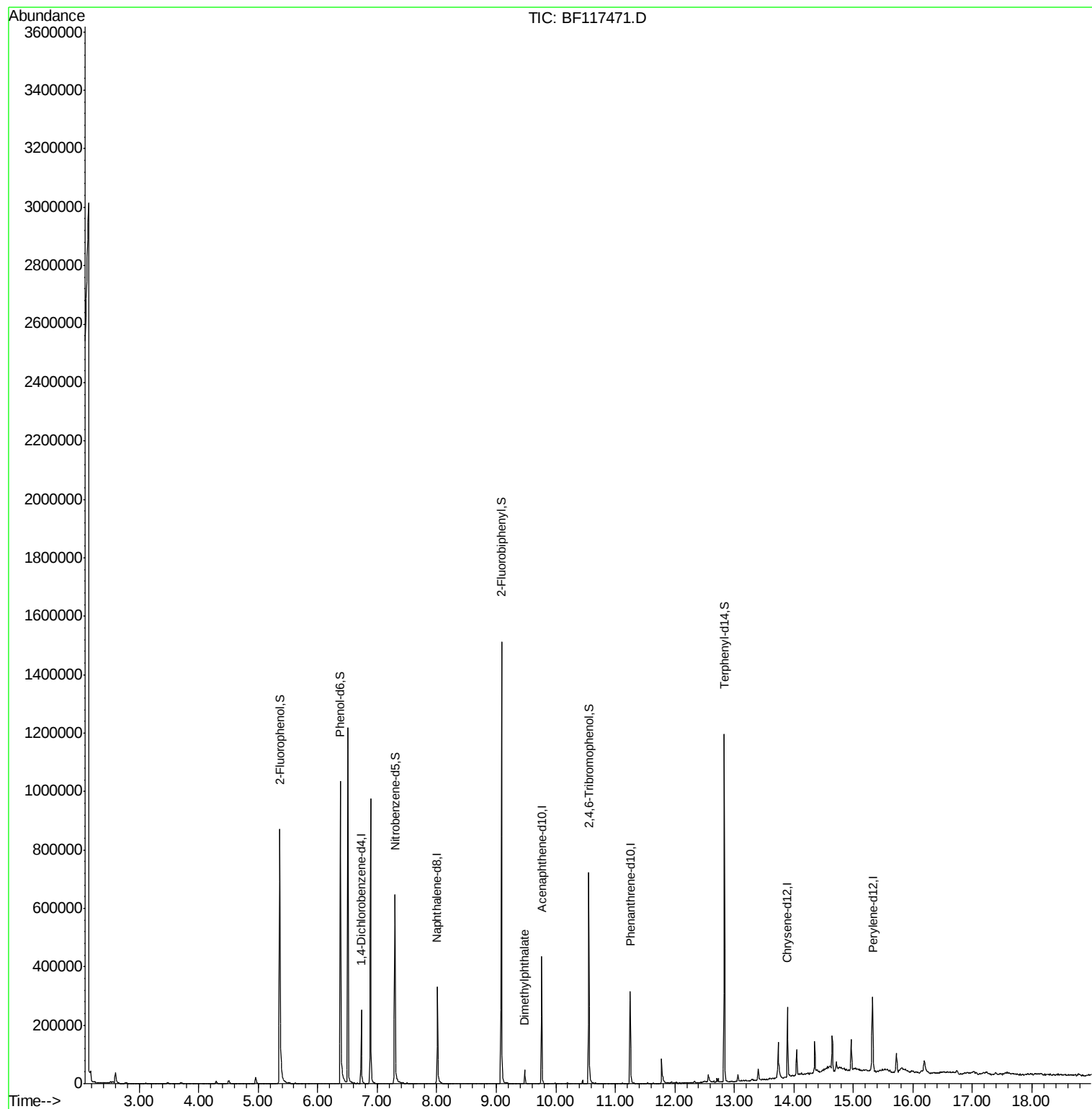
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	42773	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	169708	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	84905	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	125286	20.00	ng	0.00
76) Chrysene-d12	13.89	240	80477	20.00	ng	0.00
87) Perylene-d12	15.32	264	81508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	305357	106.21	ng	0.01
7) Phenol-d6	6.38	99	405251	104.94	ng	0.00
23) Nitrobenzene-d5	7.30	82	252005	73.31	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	78250	106.51	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	453257	75.22	ng	0.00
79) Terphenyl-d14	12.83	244	353633	71.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	19679	3.251	ng	Qvalue # 95

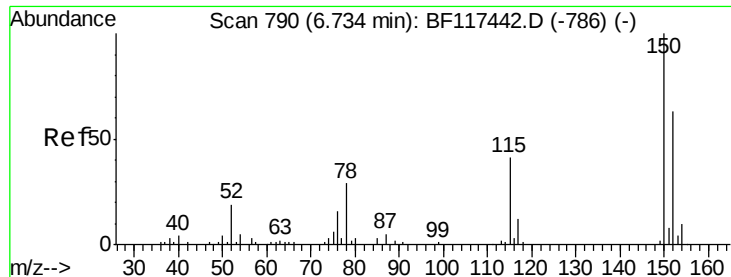
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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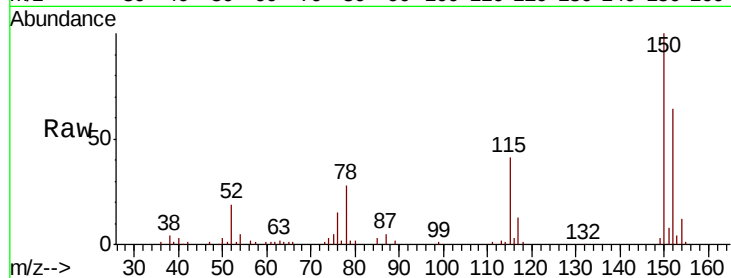


#1

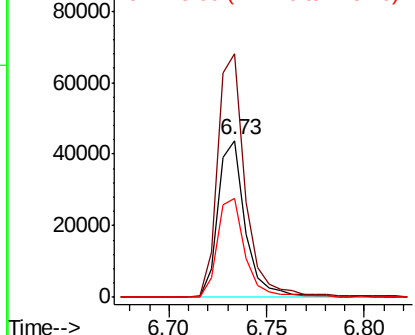
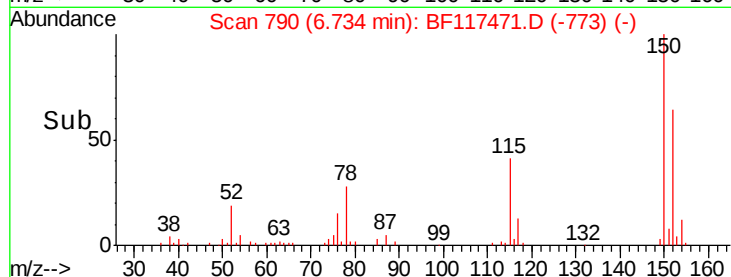
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Instrument :
BNA_F
ClientSampleId :
RT5124

Tot Ion:152 Resp: 42773
Ion Ratio Lower Upper
152 100
150 155.3 126.8 190.2
115 63.1 51.6 77.4



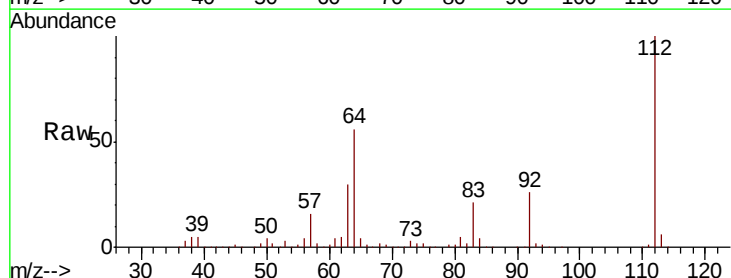
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



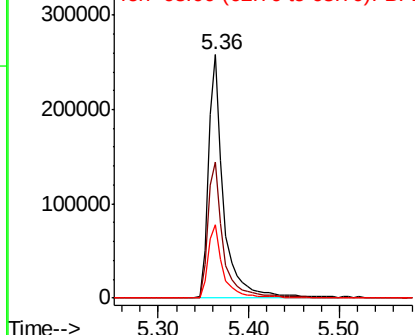
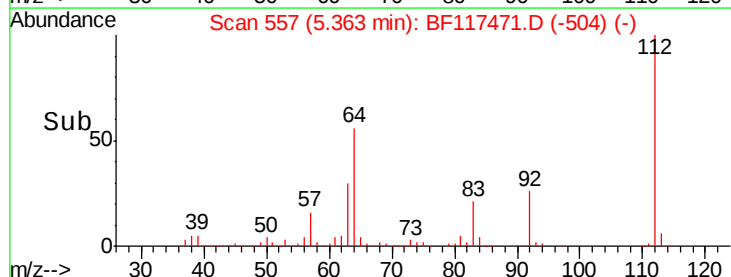
#5

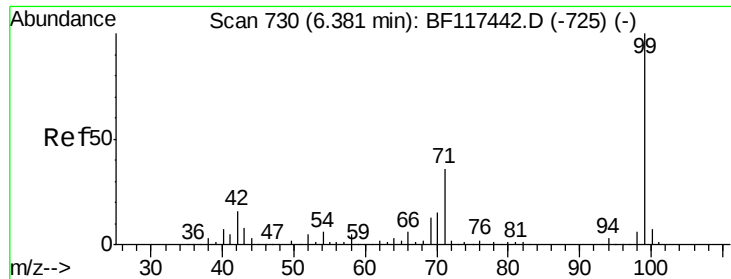
2-Fluorophenol
Concen: 106.207 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Tgt Ion:112 Resp: 305357
Ion Ratio Lower Upper
112 100
64 56.1 44.1 66.1
63 30.2 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: 104.944 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117471.D

Acq: 22 Oct 2019 2:02

Instrument :

BNA_F

ClientSampleID :

RT5124

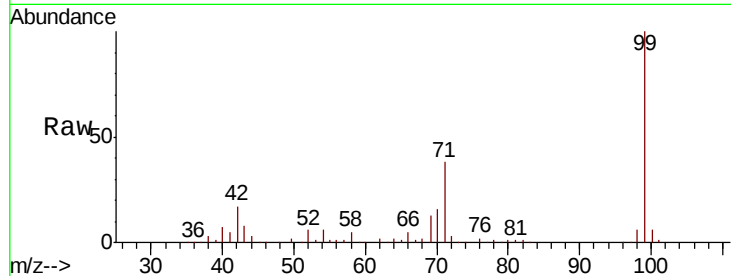
Tot Ion: 99 Resp: 405251

Ion Ratio Lower Upper

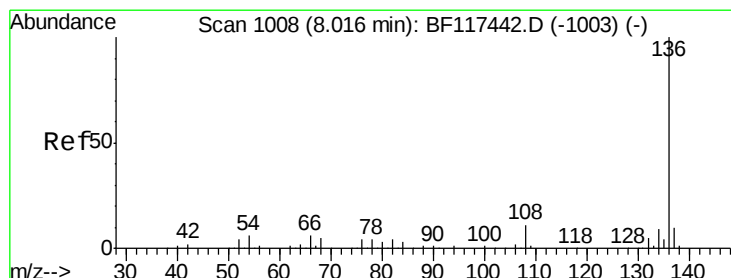
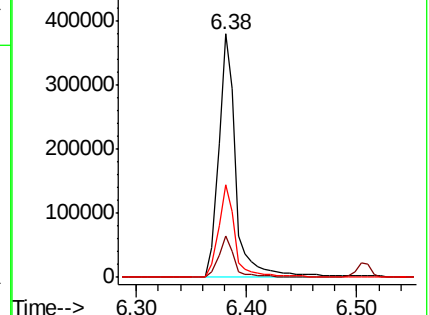
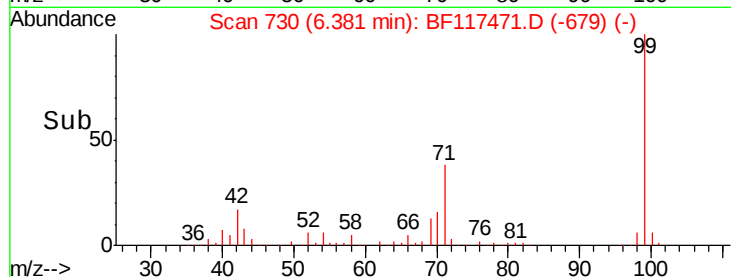
99 100

42 16.8 12.8 19.2

71 38.2 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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117471.D

Acq: 22 Oct 2019 2:02

Tgt Ion: 136 Resp: 169708

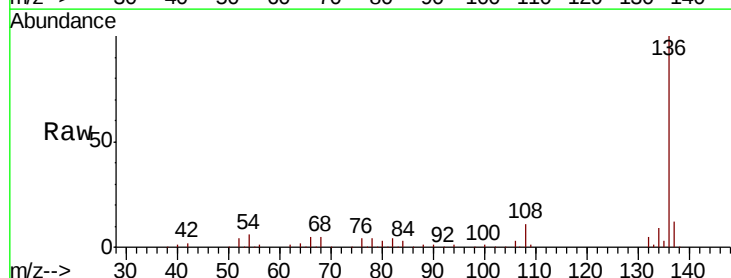
Ion Ratio Lower Upper

136 100

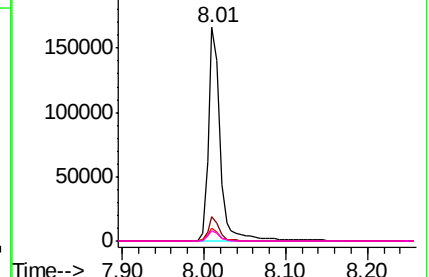
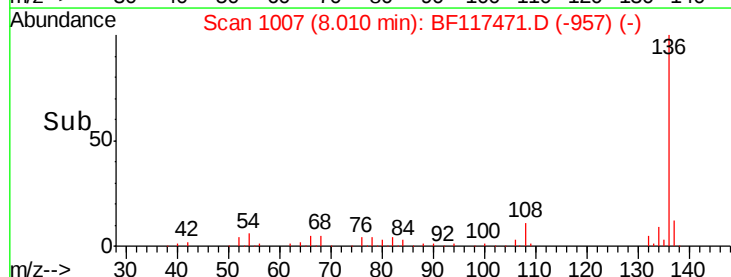
137 11.7 8.2 12.4

54 6.1 4.5 6.7

68 5.0 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

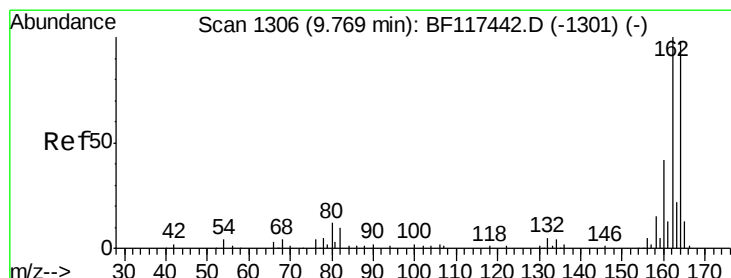
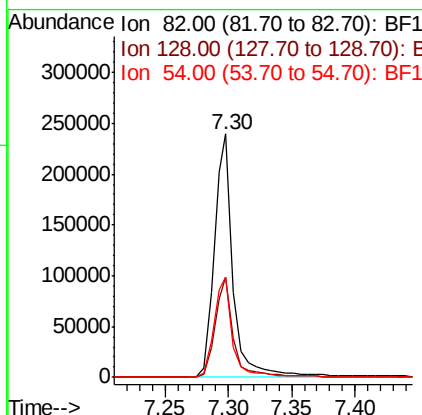
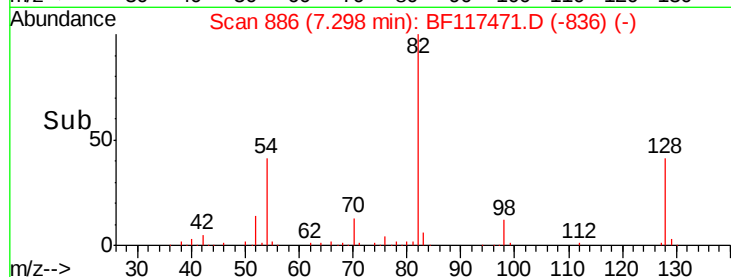
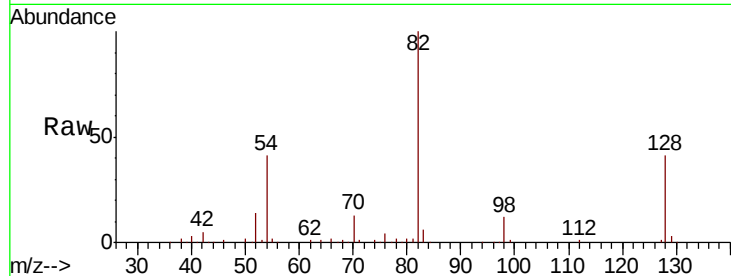




#23
 Nitrobenzene-d5
 Concen: 73.308 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117471.D
 Acq: 22 Oct 2019 2:02

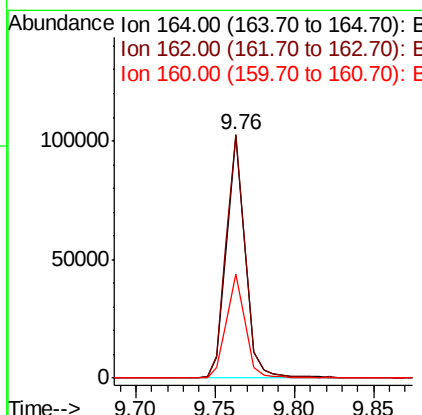
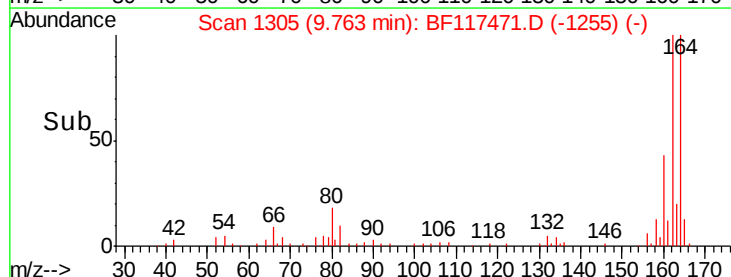
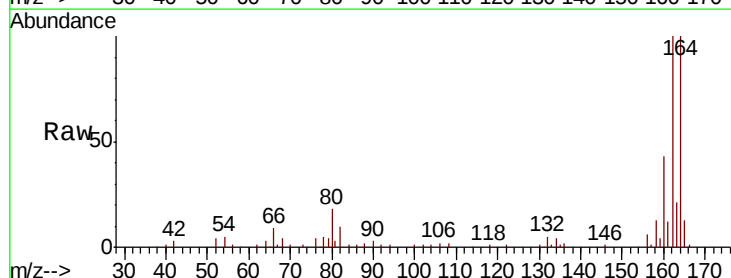
Instrument :
 BNA_F
 ClientSampleId :
 RT5124

Tot Ion	82.00	Resp	252005
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.2	48.2
54	40.9	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: BF117471.D
 Acq: 22 Oct 2019 2:02

Tgt Ion	164	Resp	84905
Ion Ratio	Lower	Upper	
164	100		
162	100.4	81.8	122.6
160	43.2	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 106.514 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117471.D

Acq: 22 Oct 2019 2:02

Instrument :

BNA_F

ClientSampleId :

RT5124

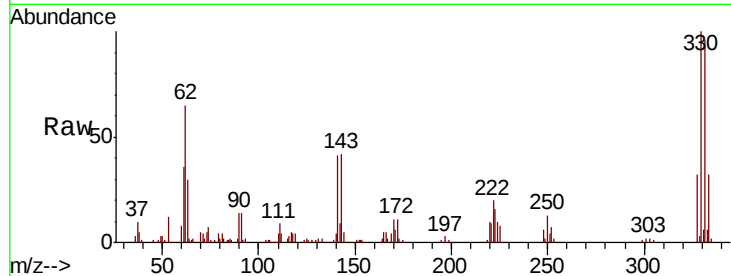
Tot Ion:330 Resp: 78250

Ion Ratio Lower Upper

330 100

332 94.6 78.5 117.7

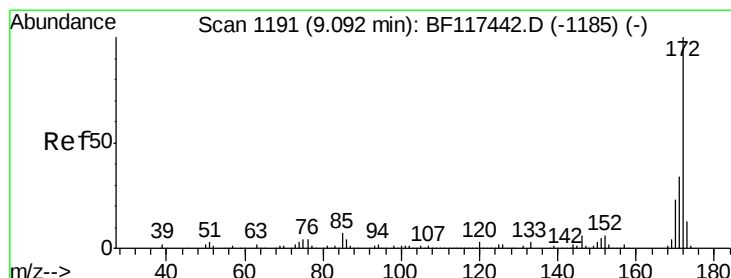
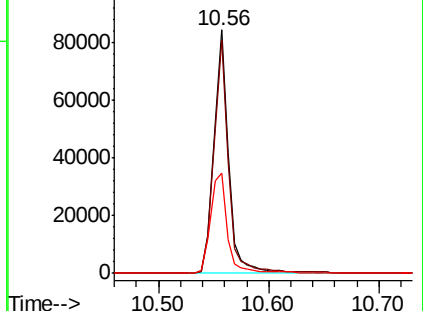
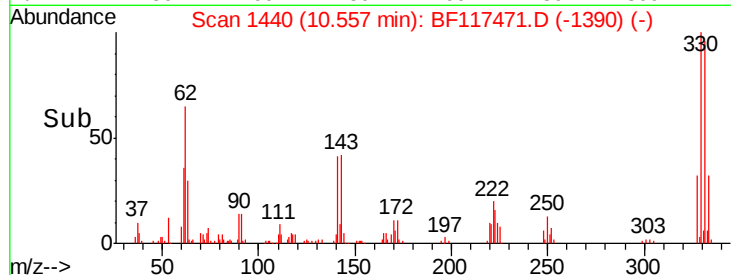
141 46.0 37.0 55.6



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: 75.217 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117471.D

Acq: 22 Oct 2019 2:02

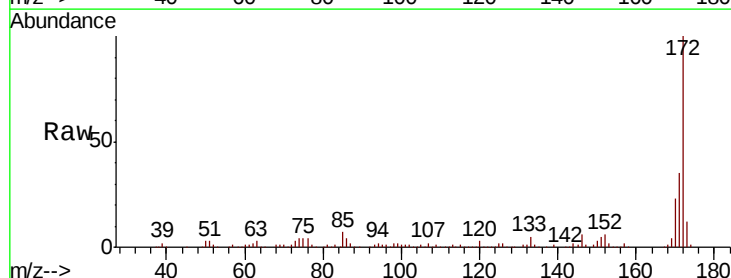
Tgt Ion:172 Resp: 453257

Ion Ratio Lower Upper

172 100

171 35.0 27.5 41.3

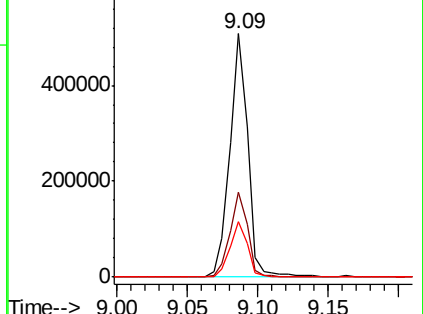
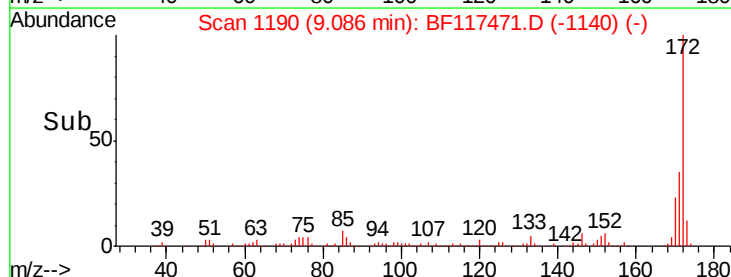
170 23.0 18.6 27.8



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

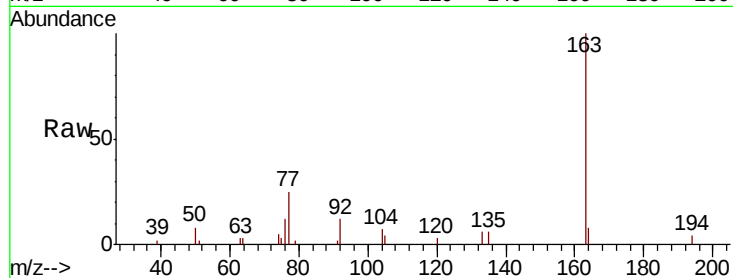




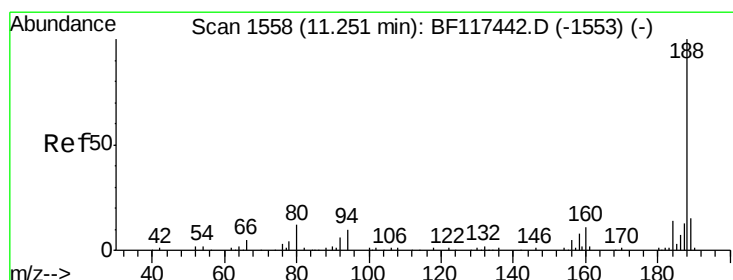
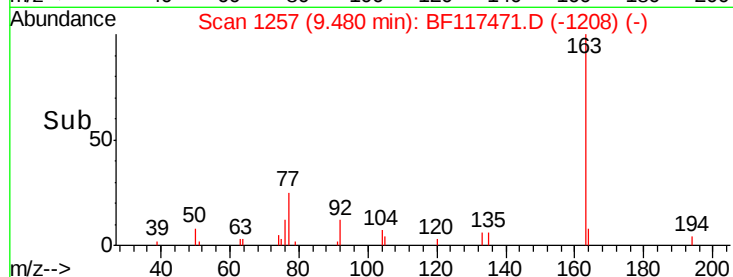
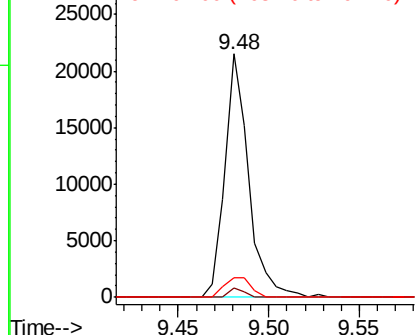
#50
Dimethylphthalate
Concen: 3.251 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Instrument :
BNA_F
ClientSampleId :
RT5124

Tot Ion:163 Resp: 19679
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 7.8 8.2 12.2#

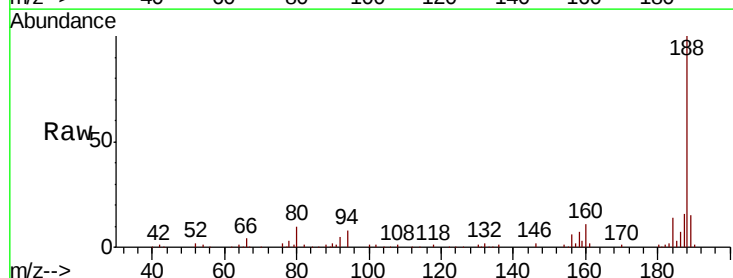


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

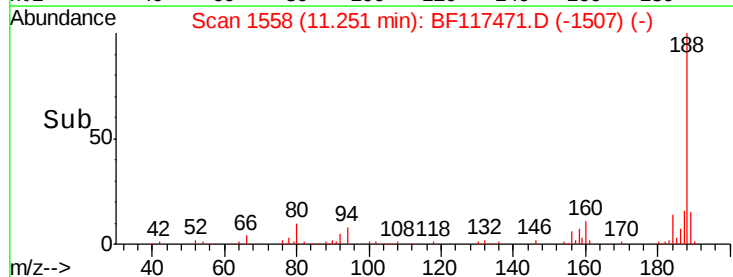
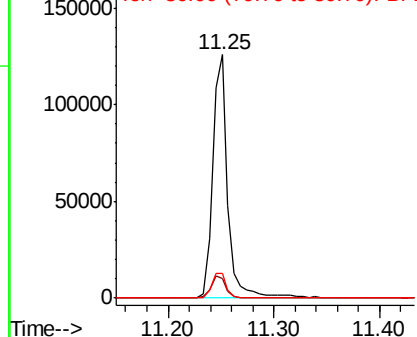


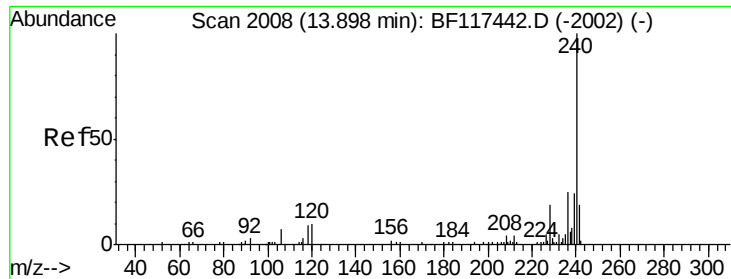
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Tgt Ion:188 Resp: 125286
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 10.0 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

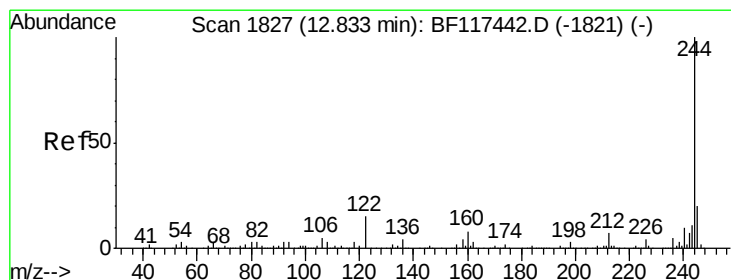
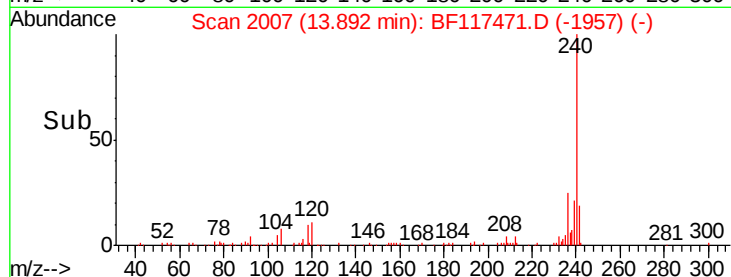
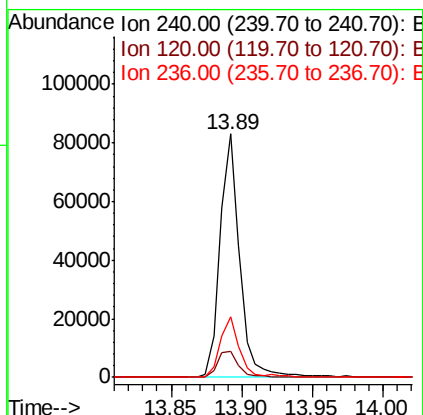
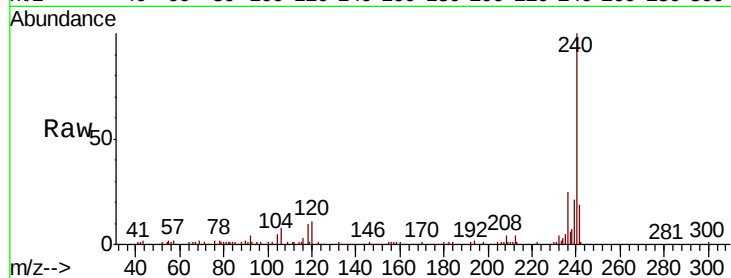




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117471.D
 Acq: 22 Oct 2019 2:02

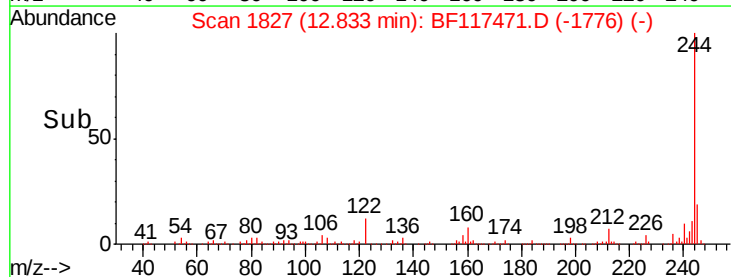
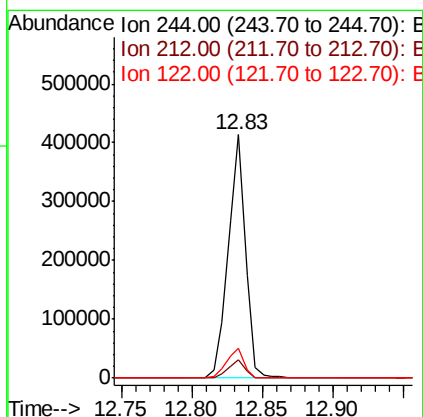
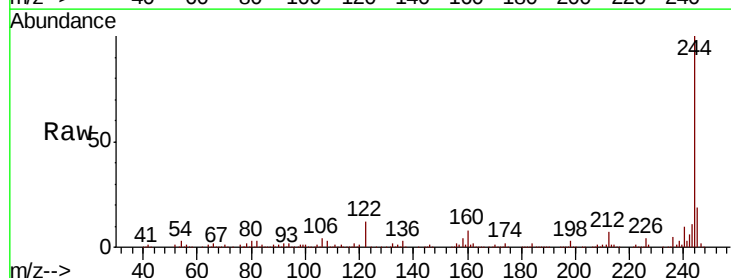
Instrument :
 BNA_F
 ClientSampled :
 RT5124

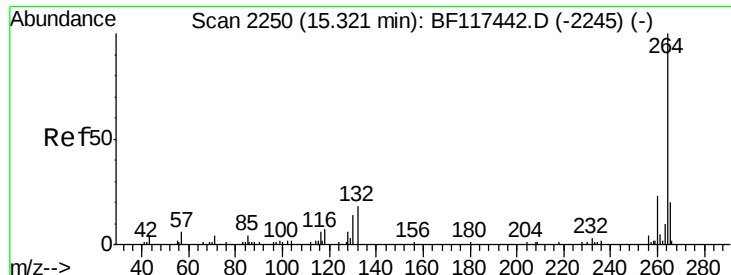
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	24.9	20.0	30.0



#79
 Terphenyl-d14
 Concen: 71.675 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117471.D
 Acq: 22 Oct 2019 2:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	12.4	11.8	17.8

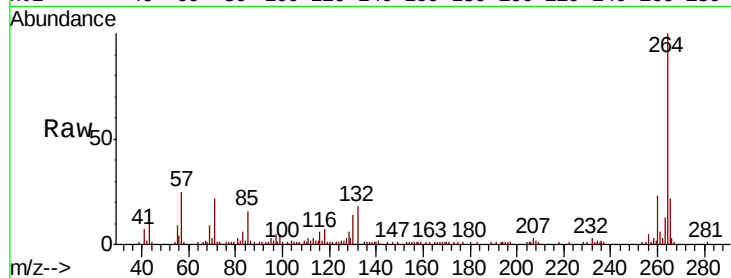




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Instrument :
BNA_F
ClientSampleId :
RT5124

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	22.0	16.1	24.1



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

