

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117455.D
 Acq On : 21 Oct 2019 18:55
 Operator : JU
 Sample : K5146-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101819

Quant Time: Oct 22 02:12:27 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

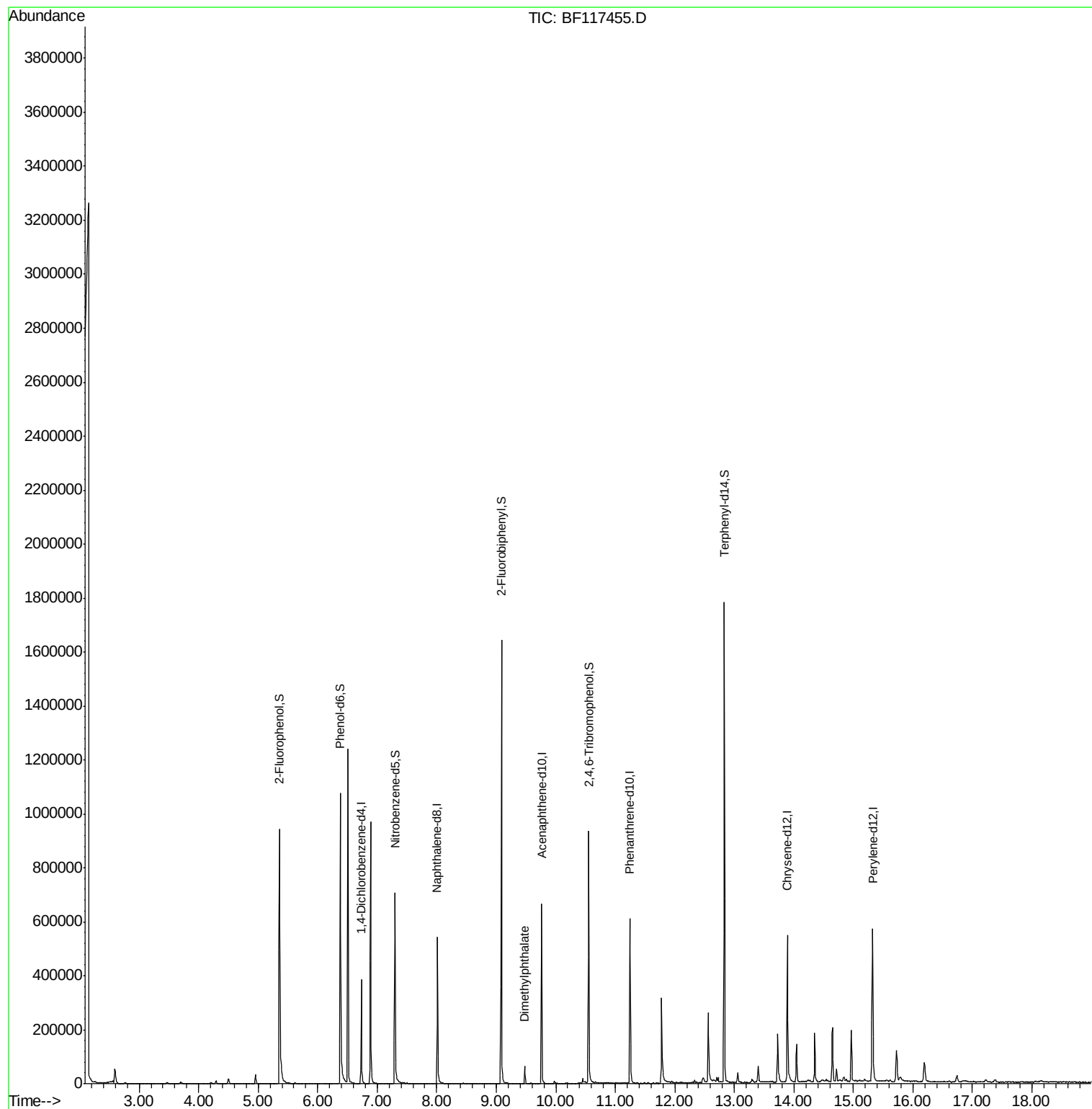
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	62065	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	252088	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	133846	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	230282	20.00	ng	0.00
76) Chrysene-d12	13.89	240	198890	20.00	ng	0.00
87) Perylene-d12	15.32	264	194682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	313922	75.25	ng	0.00
7) Phenol-d6	6.38	99	405546	72.38	ng	0.00
23) Nitrobenzene-d5	7.30	82	255595	50.05	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	94161	81.31	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	473517	49.85	ng	0.00
79) Terphenyl-d14	12.83	244	544825	44.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	24748	2.594	ng	Qvalue 98

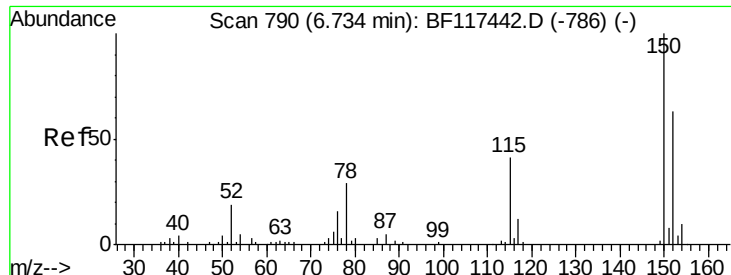
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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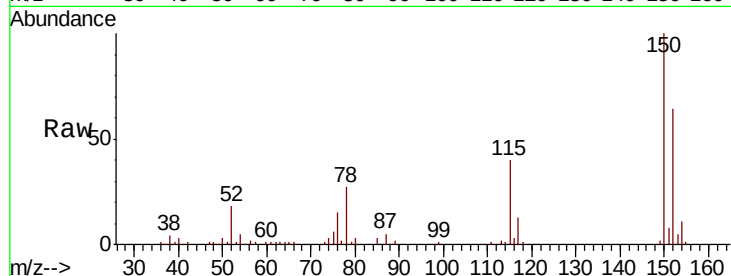


#1

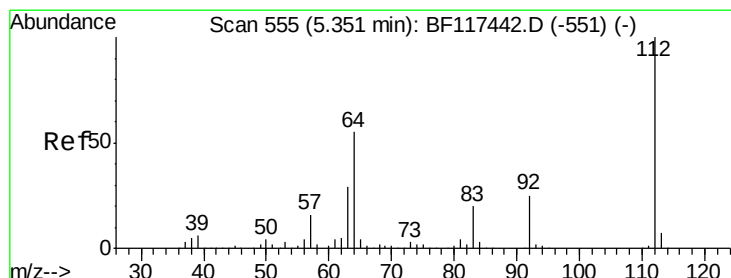
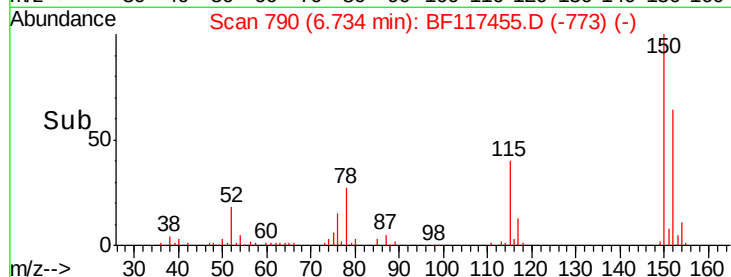
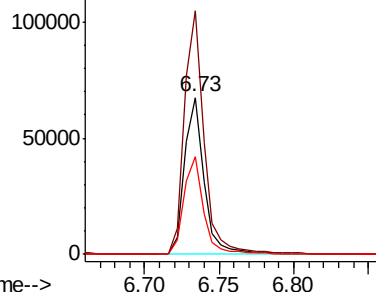
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117455.D
Acq: 21 Oct 2019 18:55

Instrument :
BNA_F
ClientSampleId :
CL-02-101819

Tot Ion:152 Resp: 62065
Ion Ratio Lower Upper
152 100
150 155.1 126.8 190.2
115 62.1 51.6 77.4



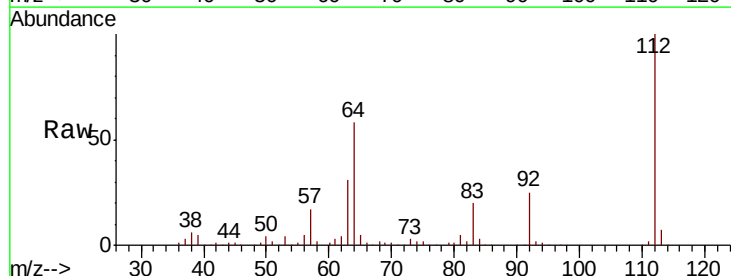
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



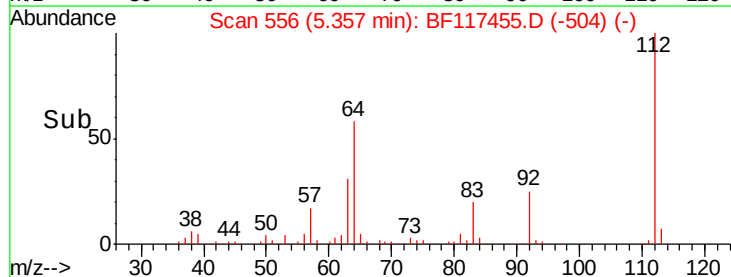
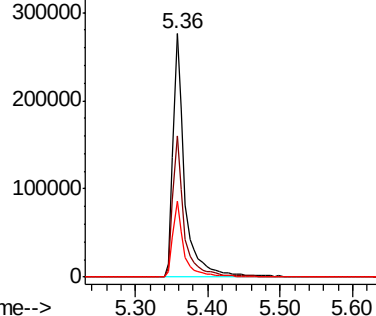
#5

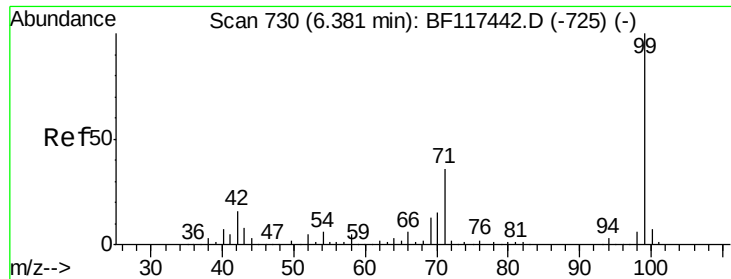
2-Fluorophenol
Concen: 75.247 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117455.D
Acq: 21 Oct 2019 18:55

Tgt Ion:112 Resp: 313922
Ion Ratio Lower Upper
112 100
64 58.0 44.1 66.1
63 31.1 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: 72.376 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117455.D

Acq: 21 Oct 2019 18:55

Instrument :

BNA_F

ClientSampleId :

CL-02-101819

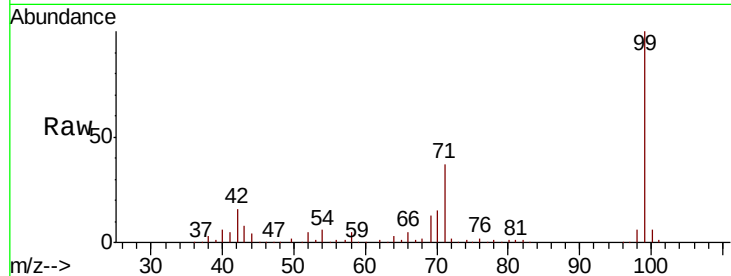
Tot Ion: 99 Resp: 405546

Ion Ratio Lower Upper

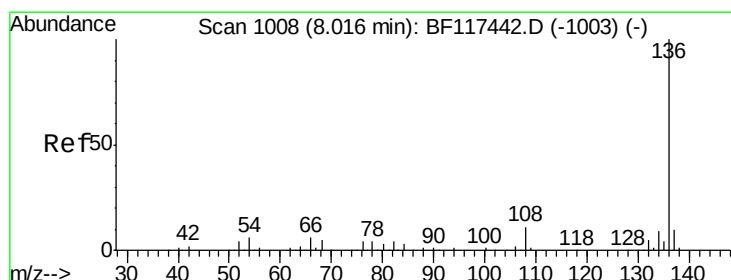
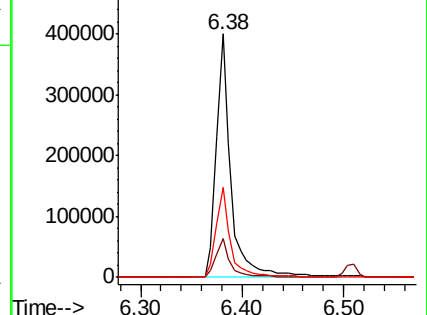
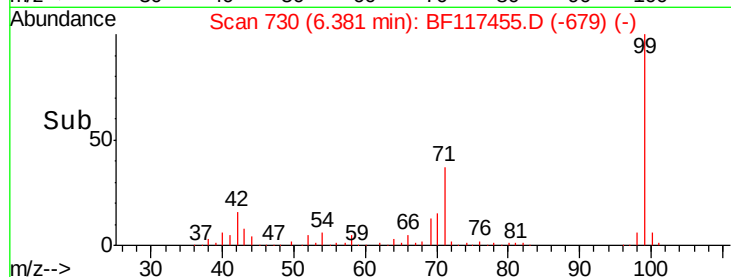
99 100

42 15.8 12.8 19.2

71 37.2 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: BF117455.D

Acq: 21 Oct 2019 18:55

Tgt Ion: 136 Resp: 252088

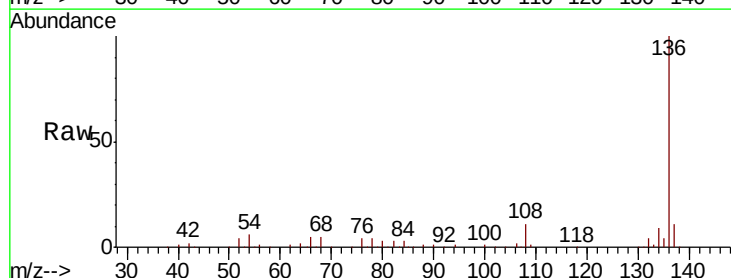
Ion Ratio Lower Upper

136 100

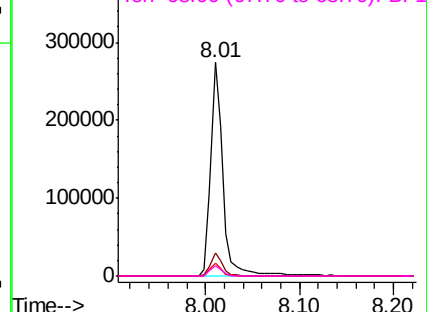
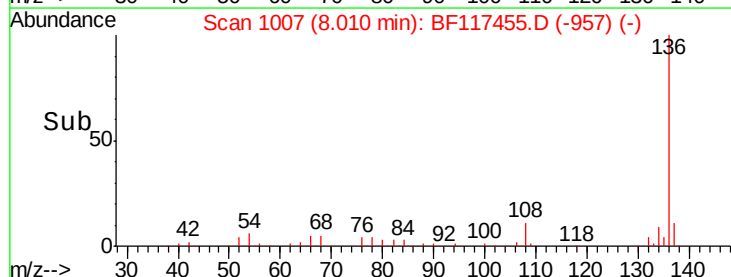
137 11.0 8.2 12.4

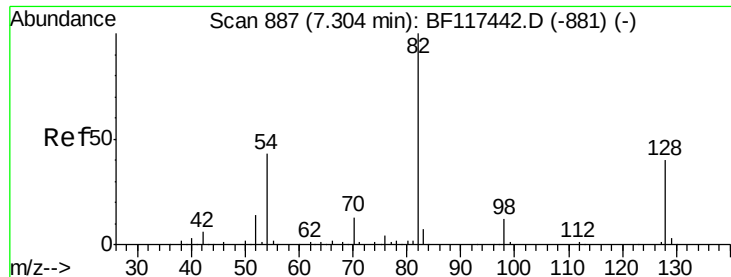
54 6.2 4.5 6.7

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

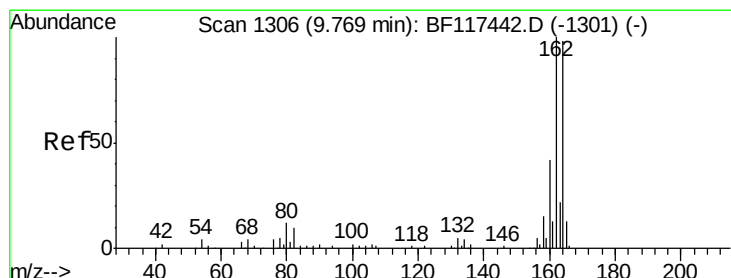
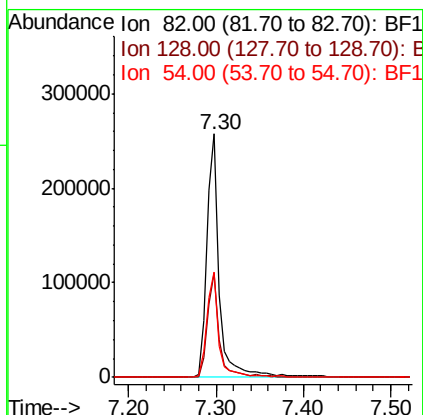
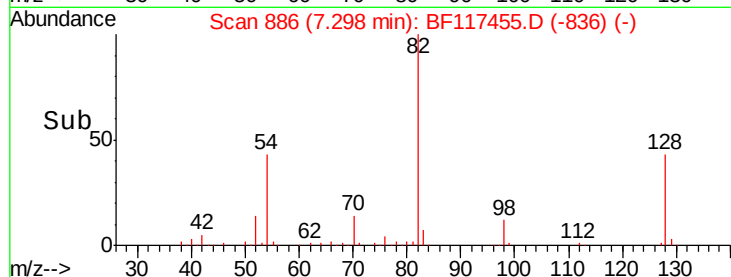
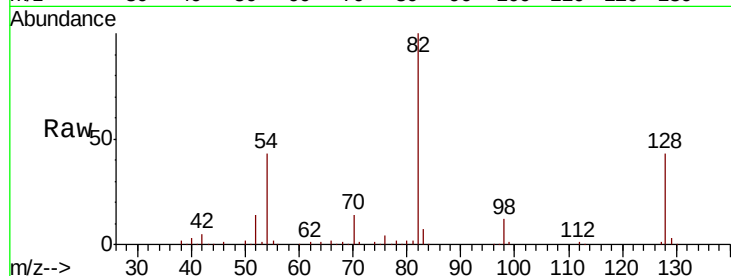




#23
 Nitrobenzene-d5
 Concen: 50.055 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117455.D
 Acq: 21 Oct 2019 18:55

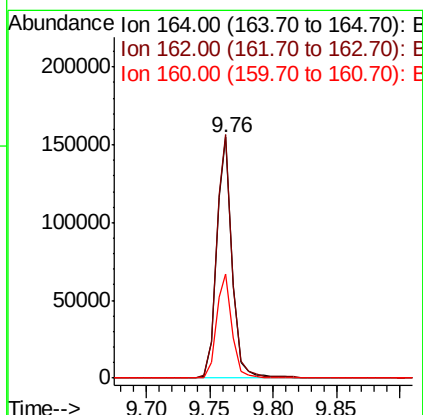
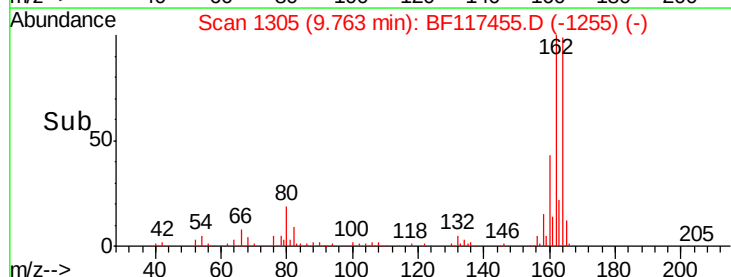
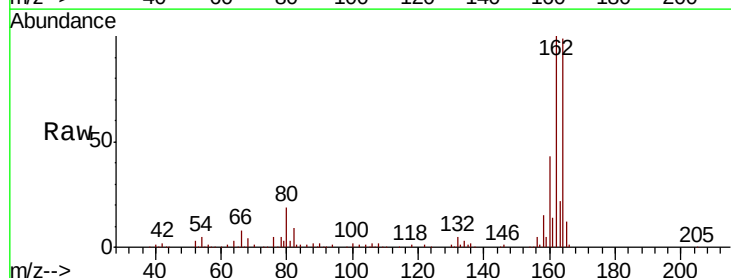
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101819

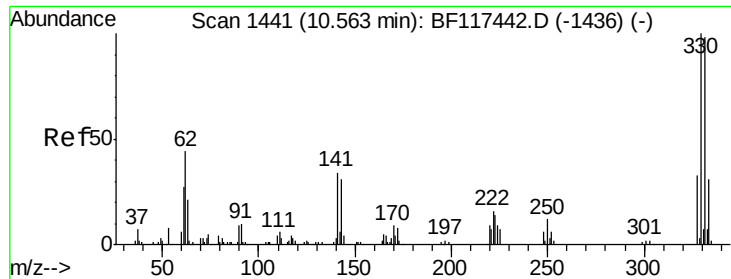
Tot Ion	82	Resp	255595
Ion Ratio	Lower	Upper	
82	100		
128	42.8	32.2	48.2
54	43.1	34.2	51.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117455.D
 Acq: 21 Oct 2019 18:55

Tgt Ion	164	Resp	133846
Ion Ratio	Lower	Upper	
164	100		
162	101.2	81.8	122.6
160	43.5	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 81.306 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF117455.D

Acq: 21 Oct 2019 18:55

Instrument :

BNA_F

ClientSampleId :

CL-02-101819

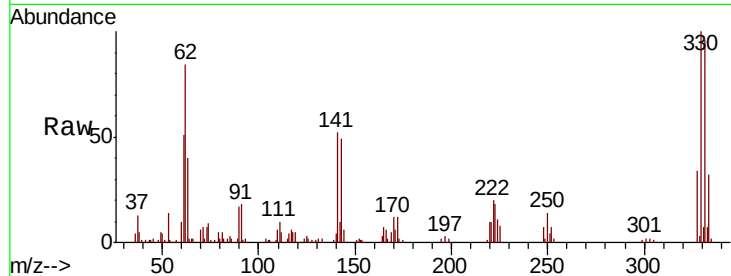
Tot Ion:330 Resp: 94161

Ion Ratio Lower Upper

330 100

332 97.7 78.5 117.7

141 45.4 37.0 55.6

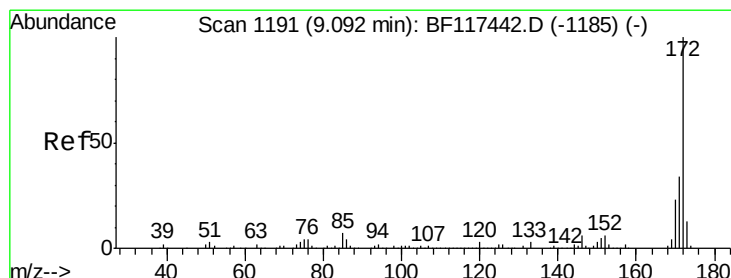
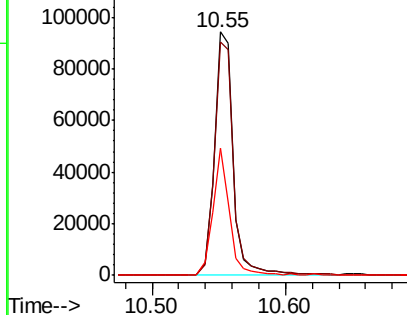
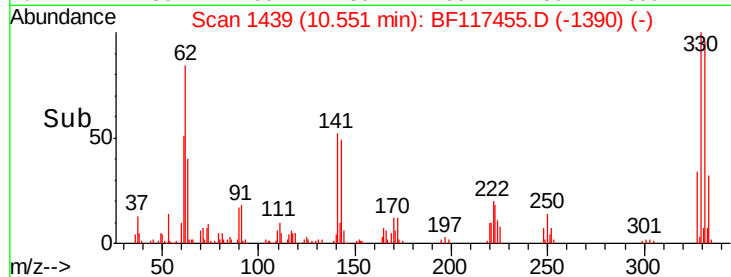


Abundance

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: 49.847 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117455.D

Acq: 21 Oct 2019 18:55

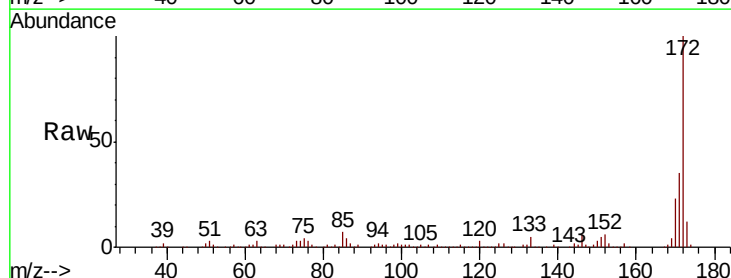
Tgt Ion:172 Resp: 473517

Ion Ratio Lower Upper

172 100

171 34.8 27.5 41.3

170 22.7 18.6 27.8

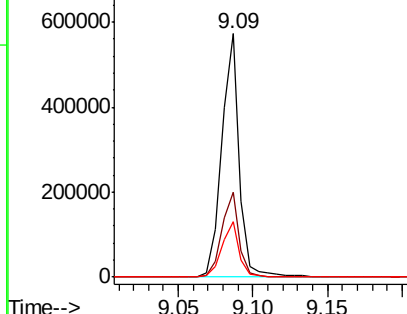
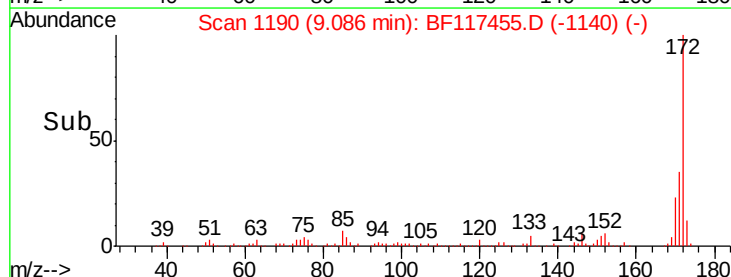


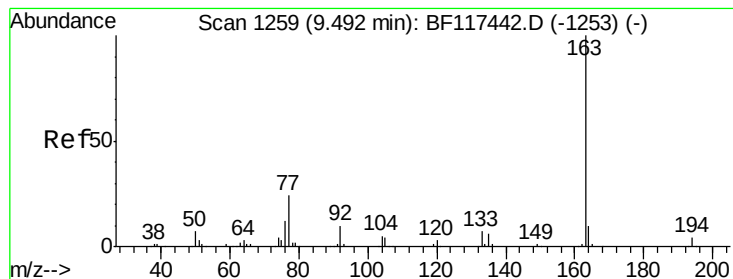
Abundance

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: 2.594 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF117455.D

Acq: 21 Oct 2019 18:55

Instrument :

BNA_F

ClientSampleId :

CL-02-101819

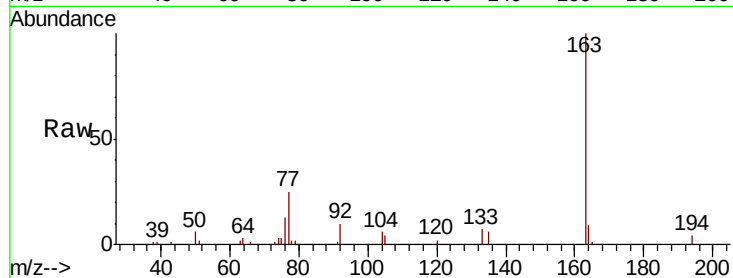
Tot Ion:163 Resp: 24748

Ion Ratio Lower Upper

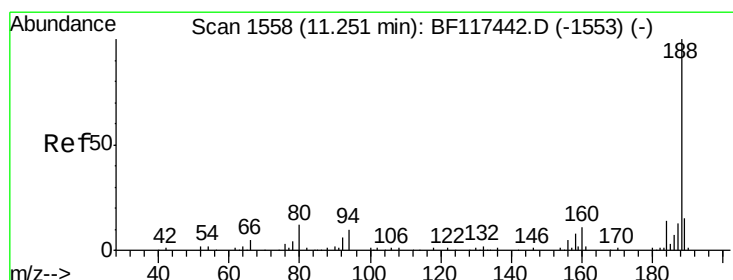
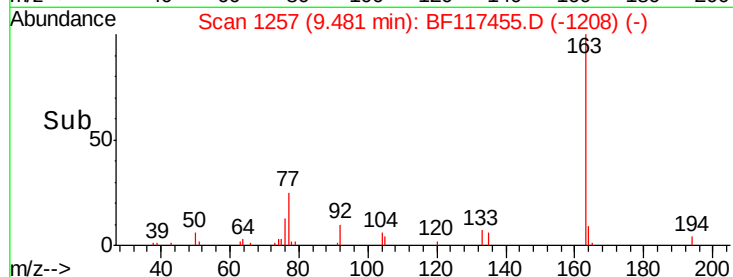
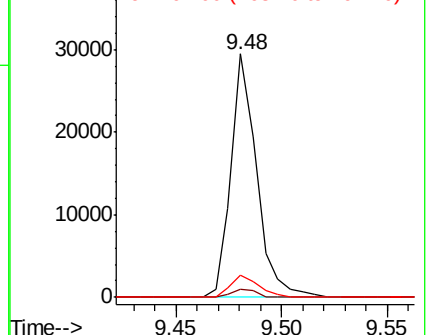
163 100

194 3.6 2.9 4.3

164 9.0 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: BF117455.D

Acq: 21 Oct 2019 18:55

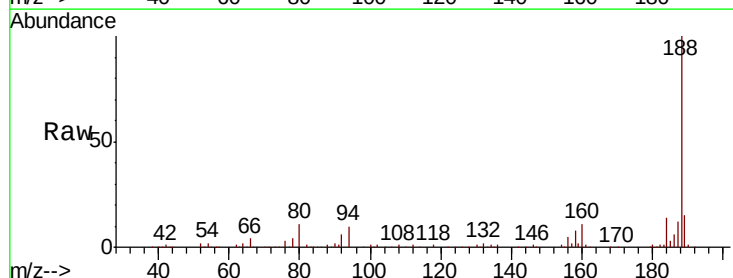
Tgt Ion:188 Resp: 230282

Ion Ratio Lower Upper

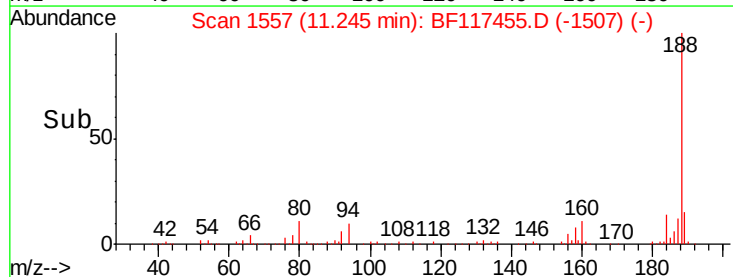
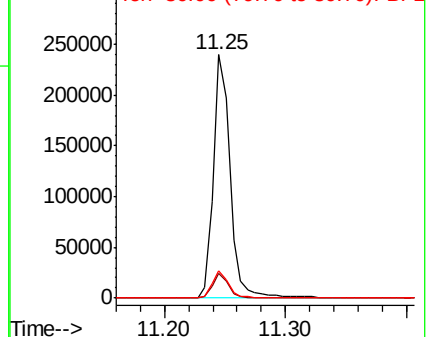
188 100

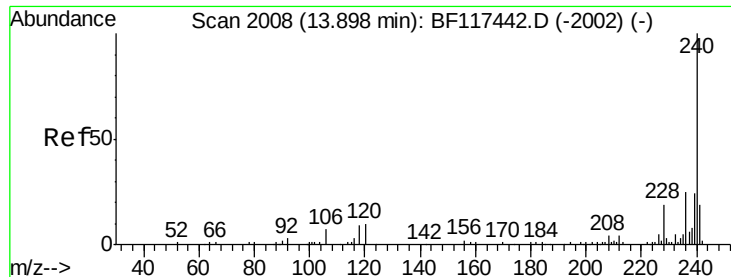
94 10.1 8.0 12.0

80 11.3 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

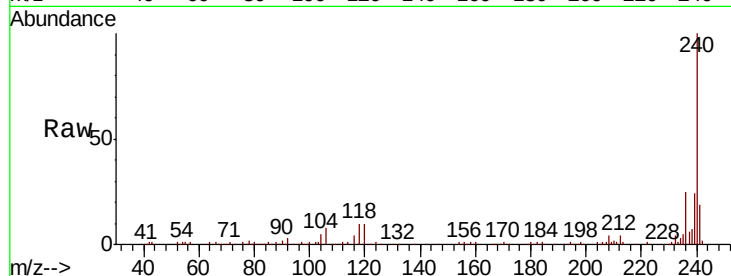




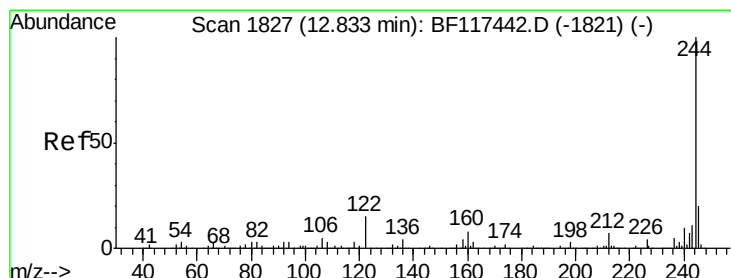
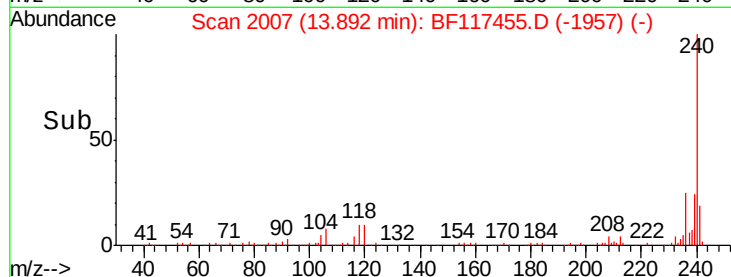
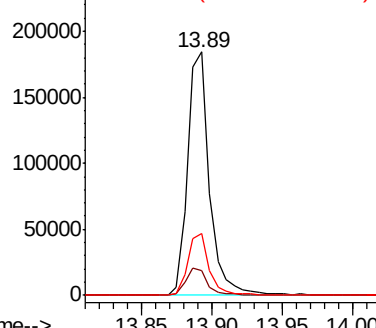
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117455.D
 Acq: 21 Oct 2019 18:55

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101819

Tot Ion:240 Resp: 198890
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 25.2 20.0 30.0

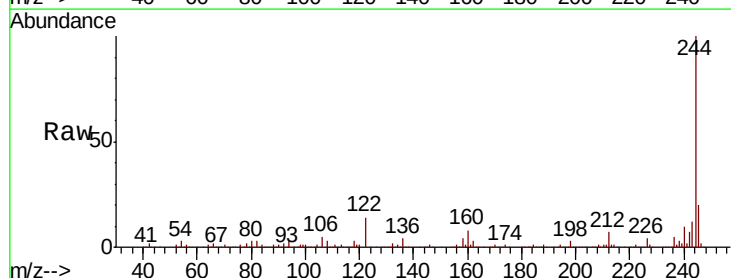


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

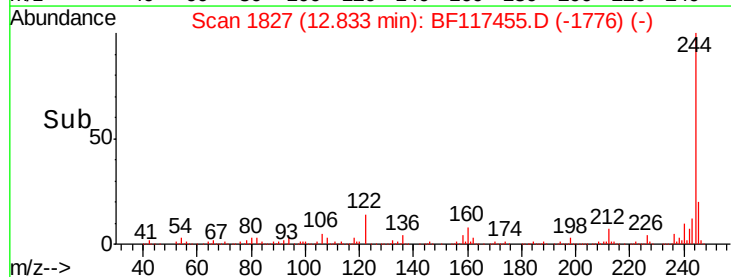
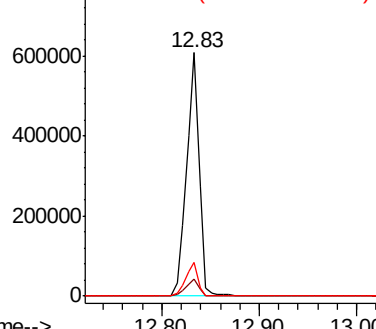


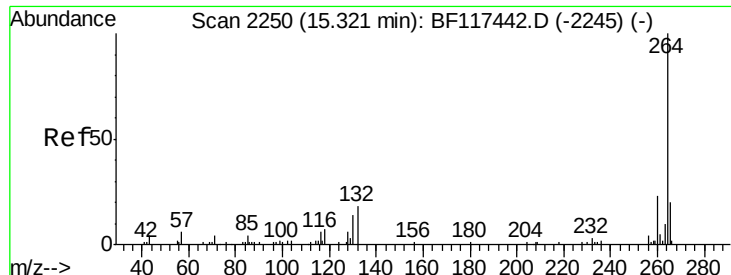
#79
 Terphenyl-d14
 Concen: 44.682 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF117455.D
 Acq: 21 Oct 2019 18:55

Tgt Ion:244 Resp: 544825
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 13.8 11.8 17.8



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
Pervlone-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF117455.D
Acq: 21 Oct 2019 18:55

Instrument :
BNA_F
ClientSampleId :
CL-02-101819

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.9	16.1	24.1

