

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117568.D
 Acq On : 28 Oct 2019 18:18
 Operator : JU
 Sample : K5501-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 14:06:13 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

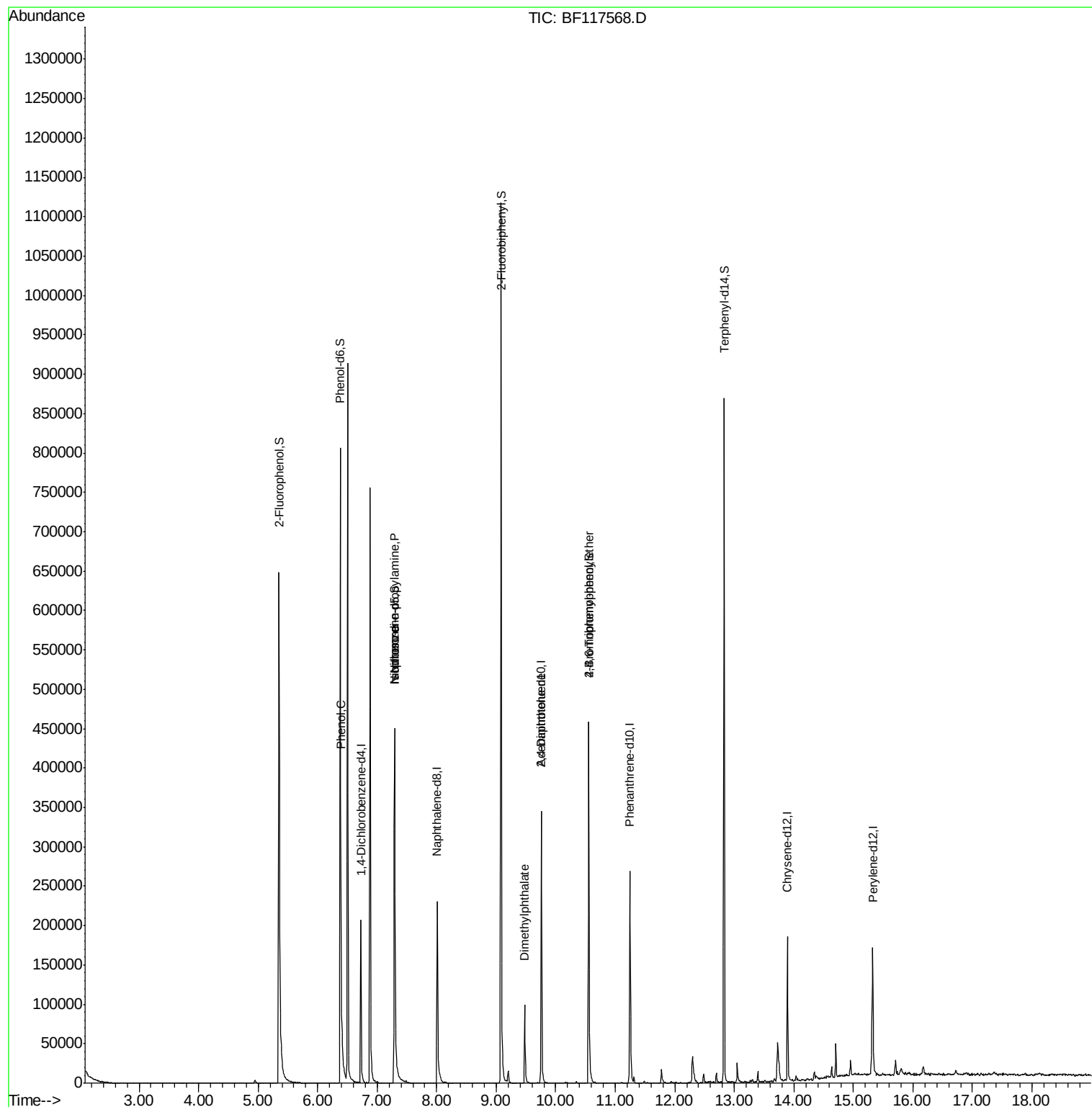
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	38042	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	151168	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	76259	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	114954	20.00	ng	0.00
76) Chrysene-d12	13.89	240	69339	20.00	ng	0.00
87) Perylene-d12	15.32	264	78220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	245320	95.94	ng	0.00
7) Phenol-d6	6.38	99	338650	98.60	ng	0.00
23) Nitrobenzene-d5	7.29	82	200951	65.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	57254	86.77	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	356687	65.90	ng	-0.01
79) Terphenyl-d14	12.83	244	262838	61.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	444	Below Cal	#	3
10) Phenol	6.39	94	13521	3.857 ng	#	87
19) n-Nitroso-di-n-propylamine	7.29	70	26635	12.698 ng	#	78
25) Isophorone	7.29	82	200949	37.935 ng	#	65
50) Dimethylphthalate	9.48	163	51751	9.519 ng	#	98
57) 2,4-Dinitrotoluene	9.76	165	9267	6.144 ng	#	12
67) 4-Bromophenyl-phenylether	10.55	248	3649	2.947 ng	#	1
77) Benzidine	12.83	184	3769	Below Cal	#	95

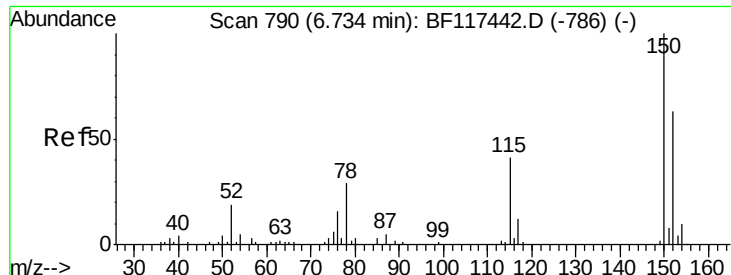
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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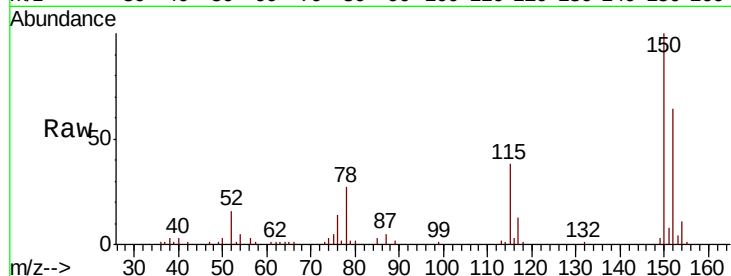


#1

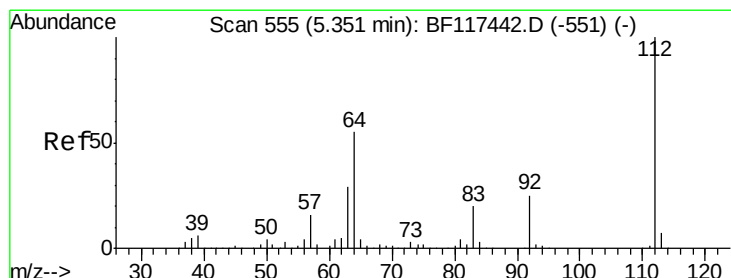
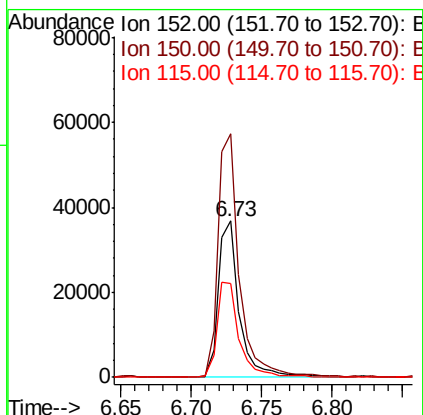
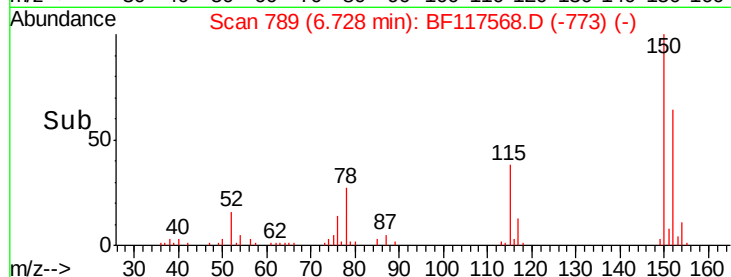
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117568.D
Acq: 28 Oct 2019 18:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 38042
Ion Ratio Lower Upper
152 100
150 155.5 126.8 190.2
115 59.8 51.6 77.4



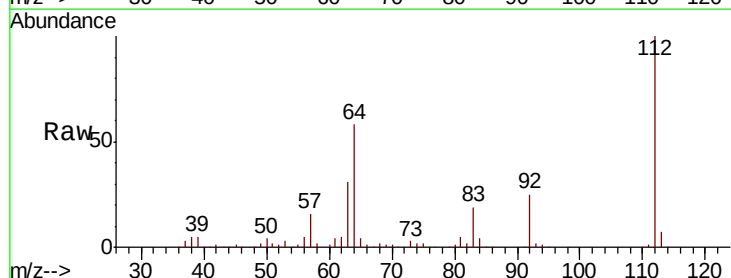
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



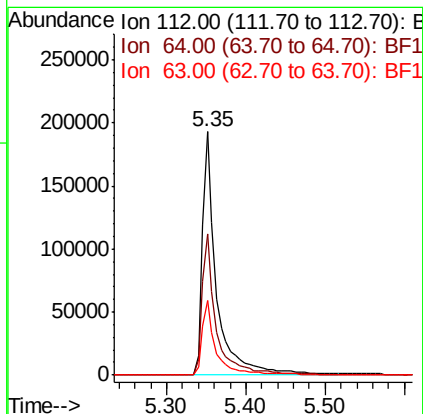
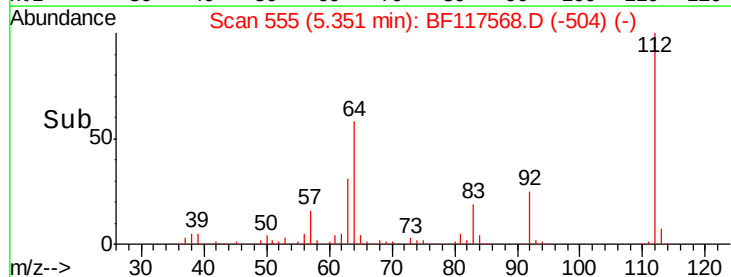
#5

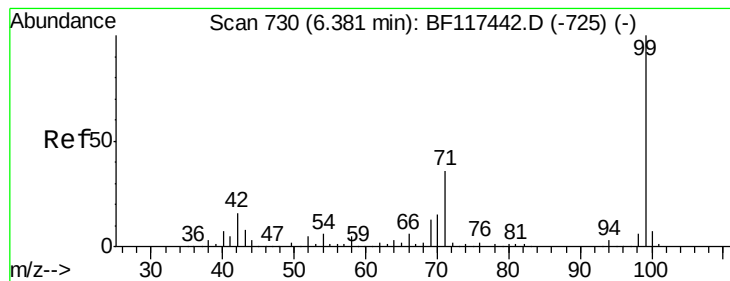
2-Fluorophenol
Concen: 95.937 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF117568.D
Acq: 28 Oct 2019 18:18

Tgt Ion:112 Resp: 245320
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
63 30.6 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: 98.603 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117568.D

Acq: 28 Oct 2019 18:18

Instrument :

BNA_E

ClientSampleId :

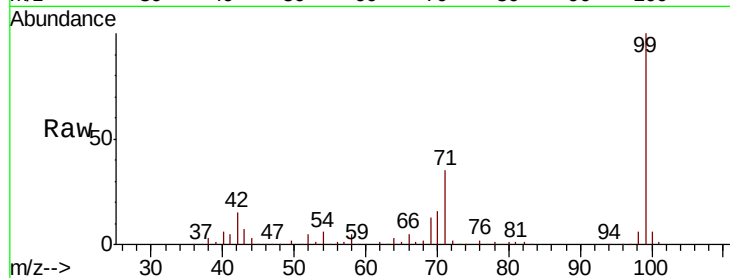
Tot Ion: 99 Resp: 338650

Ion Ratio Lower Upper

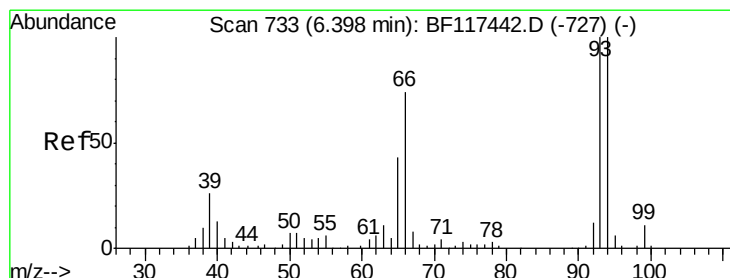
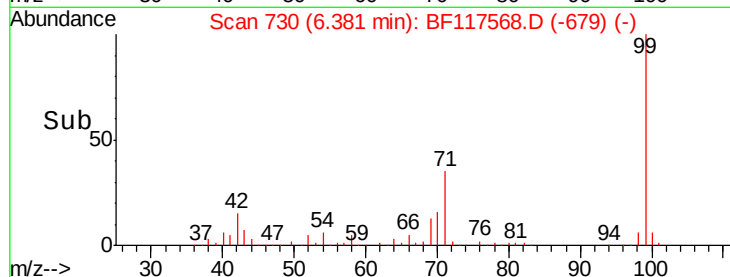
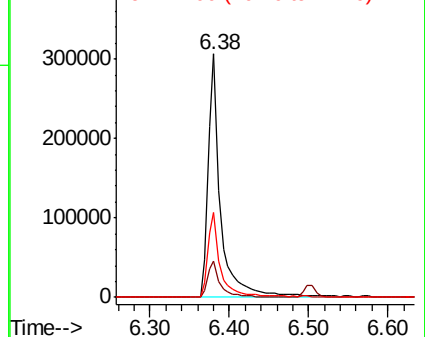
99 100

42 15.1 12.8 19.2

71 34.8 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



#10

Phenol

Concen: 3.857 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117568.D

Acq: 28 Oct 2019 18:18

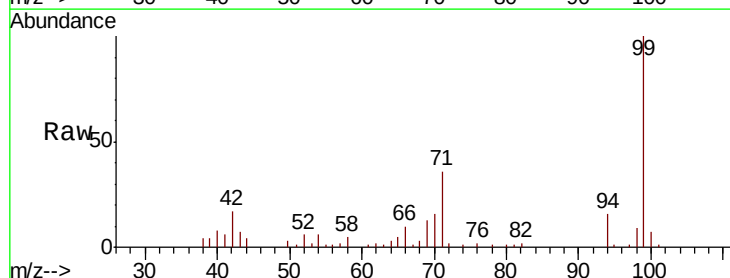
Tgt Ion: 94 Resp: 13521

Ion Ratio Lower Upper

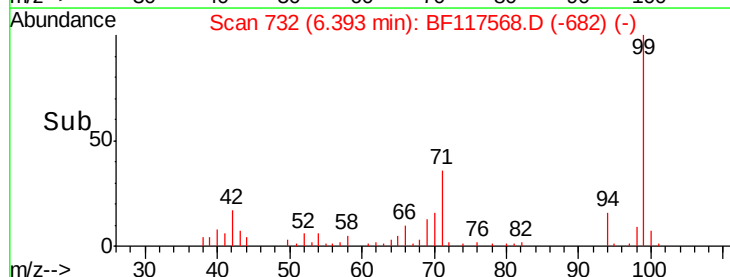
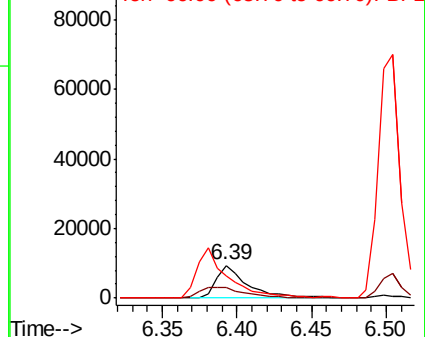
94 100

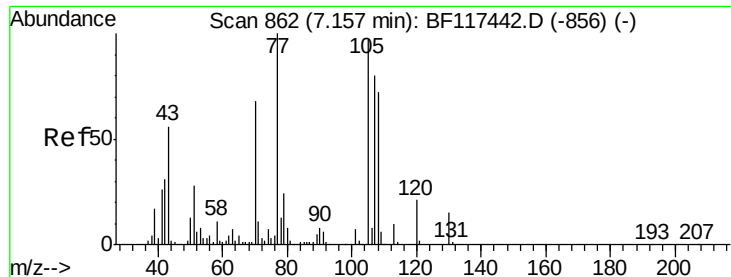
65 31.9 23.4 63.4

66 66.4 54.7 94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

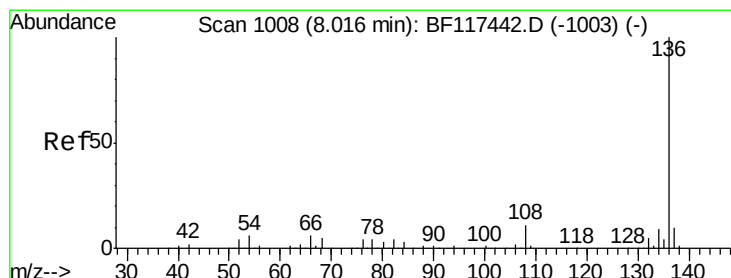
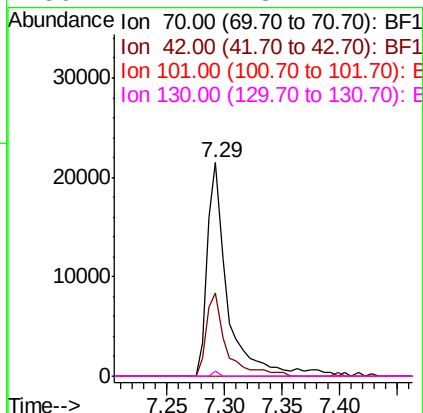
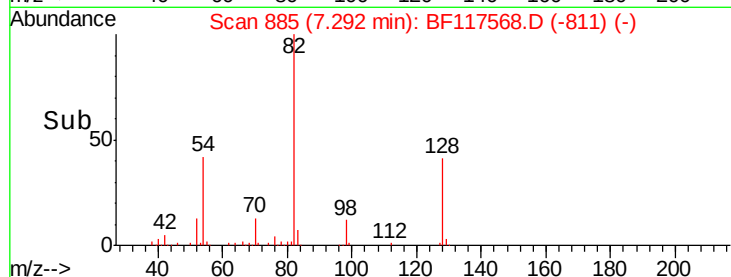
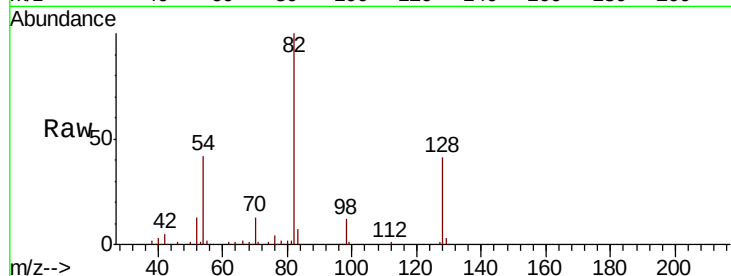




#19
n-Nitroso-di-n-propylamine
Concen: 12.698 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117568.D
Acq: 28 Oct 2019 18:18

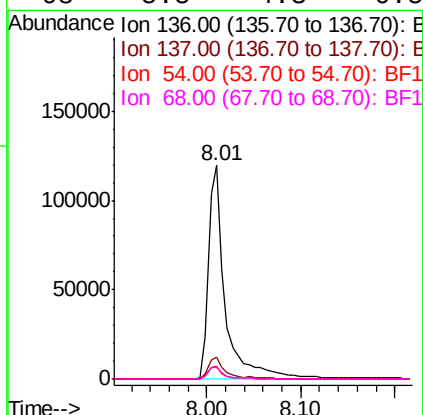
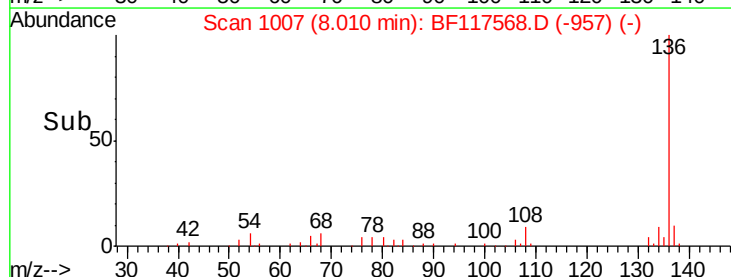
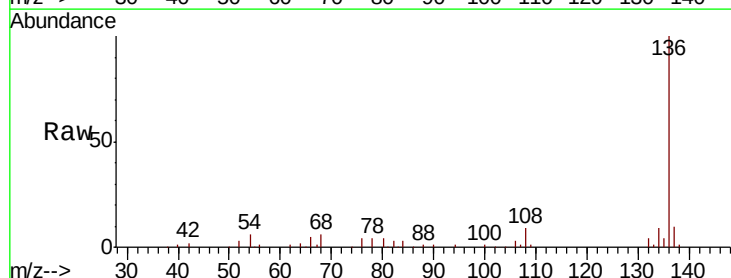
Instrument :
BNA_E
ClientSampleId :

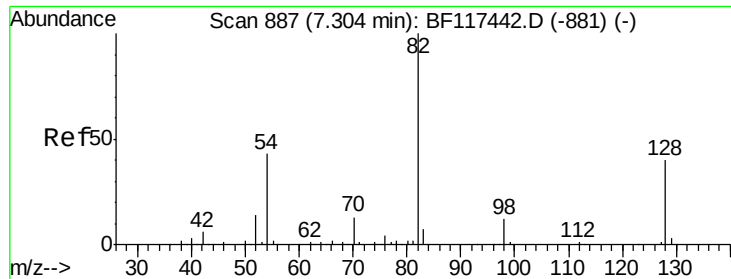
Tot Ion: 70 Resp: 26635
Ion Ratio Lower Upper
70 100
42 38.7 36.7 55.1
101 0.0 8.3 12.5#
130 2.2 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117568.D
Acq: 28 Oct 2019 18:18

Tgt Ion:136 Resp: 151168
Ion Ratio Lower Upper
136 100
137 10.1 8.2 12.4
54 6.3 4.5 6.7
68 5.5 4.3 6.5

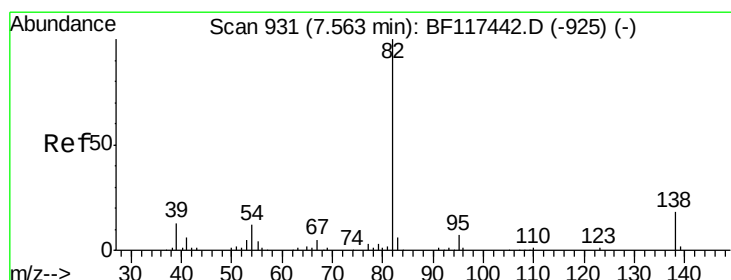
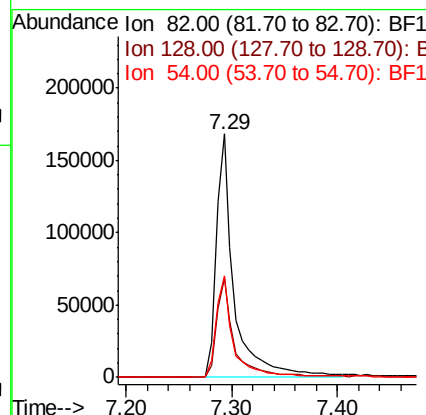
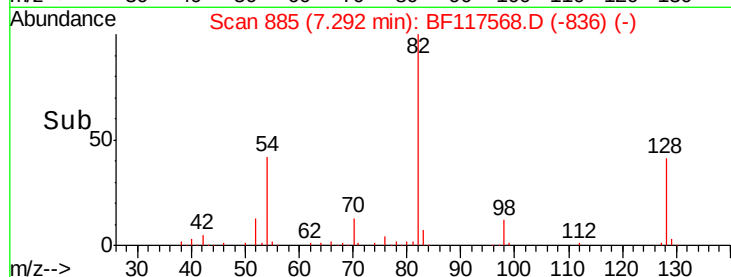
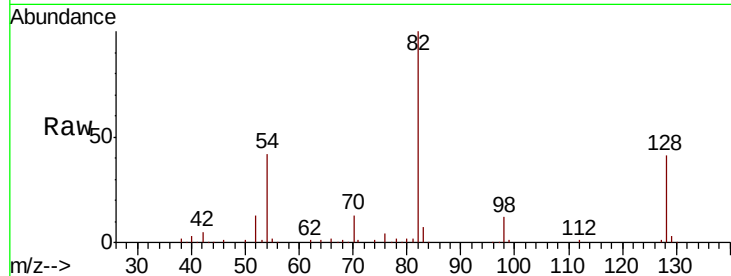




#23
 Nitrobenzene-d5
 Concen: 65.626 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117568.D
 Acq: 28 Oct 2019 18:18

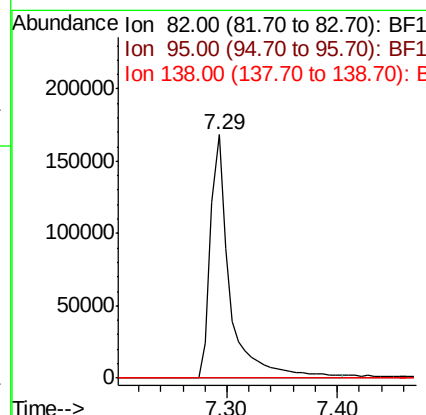
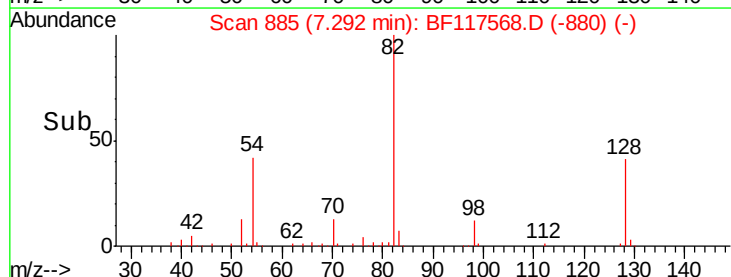
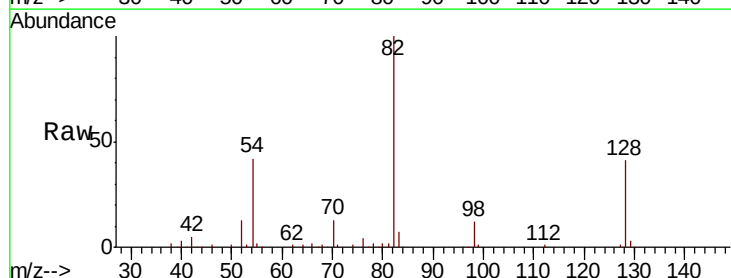
Instrument :
 BNA_E
 ClientSampled :

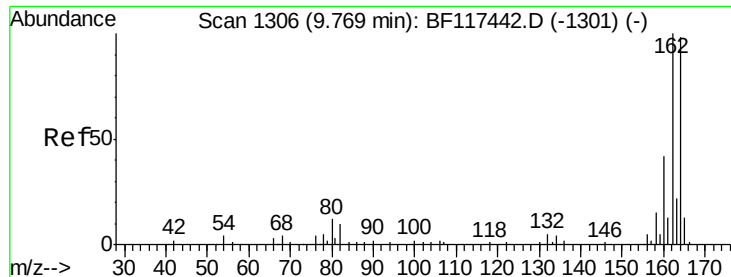
Tot Ion	82	Resp	200951
Ion Ratio	Lower	Upper	
82	100		
128	40.6	32.2	48.2
54	41.9	34.2	51.2



#25
 Isophorone
 Concen: 37.935 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.27 min
 Lab File: BF117568.D
 Acq: 28 Oct 2019 18:18

Tgt Ion	82	Resp	200949
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

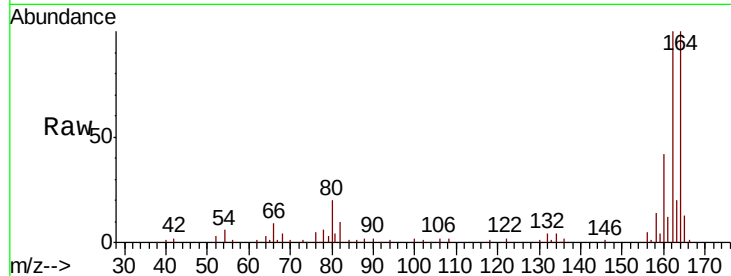




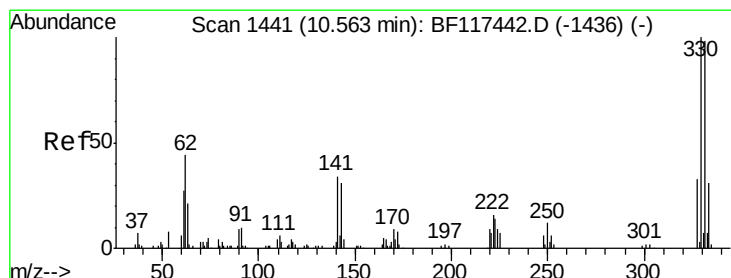
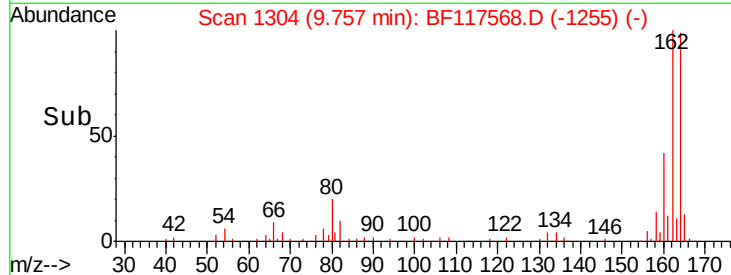
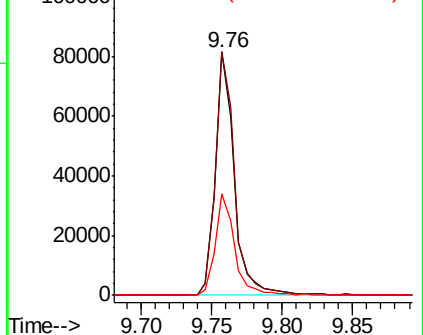
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF117568.D
 Acq: 28 Oct 2019 18:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 76259
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.8 122.6
 160 41.7 34.4 51.6

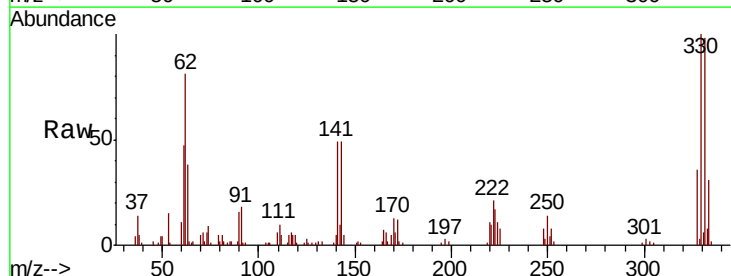


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

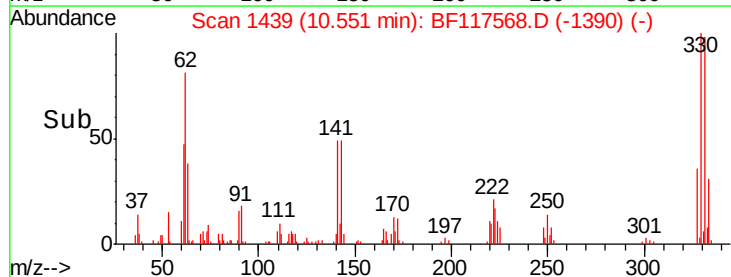
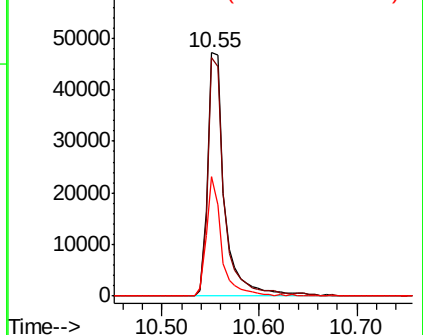


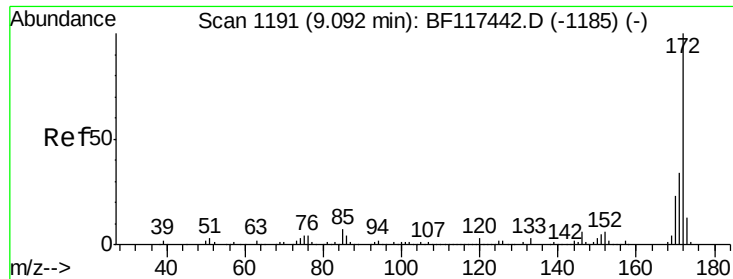
#42
 2,4,6-Tribromophenol
 Concen: 86.770 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF117568.D
 Acq: 28 Oct 2019 18:18

Tgt Ion:330 Resp: 57254
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.5 117.7
 141 43.1 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

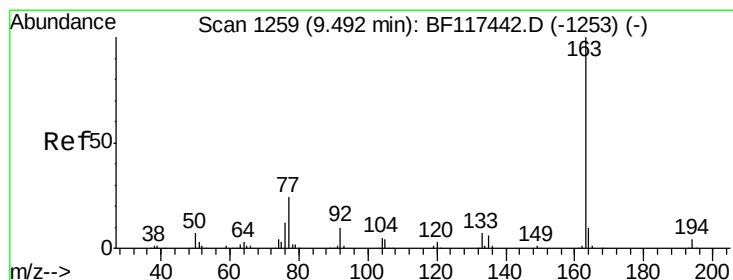
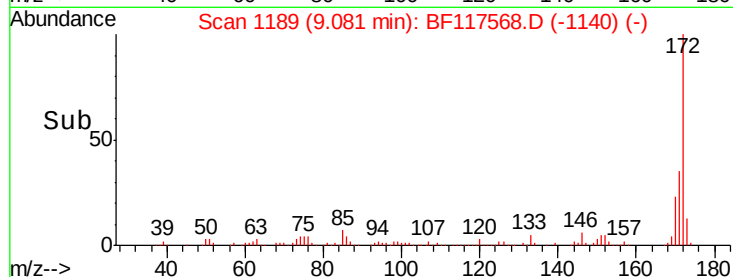
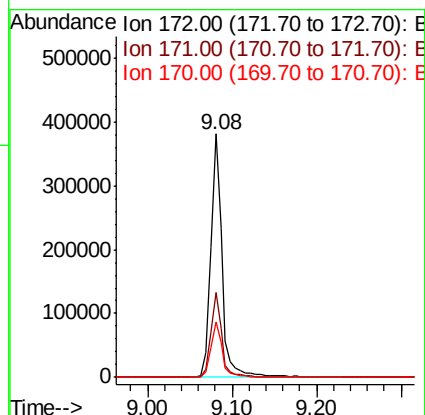
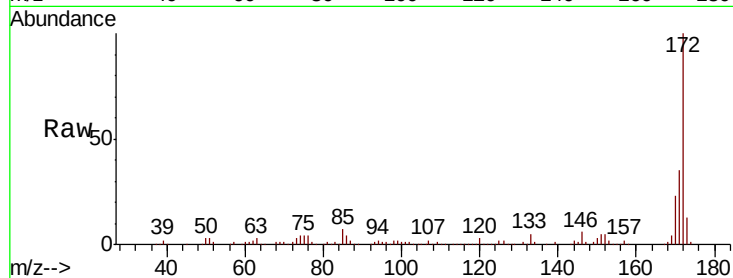




#45
2-Fluorobiphenyl
Concen: 65.903 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117568.D
Acq: 28 Oct 2019 18:18

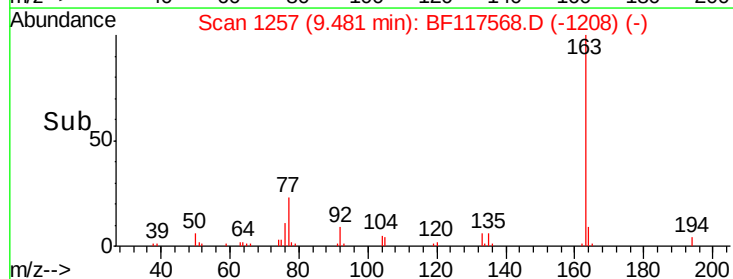
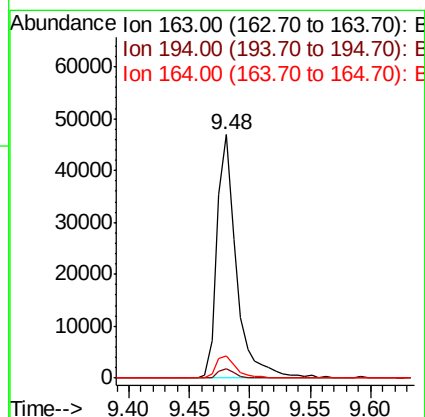
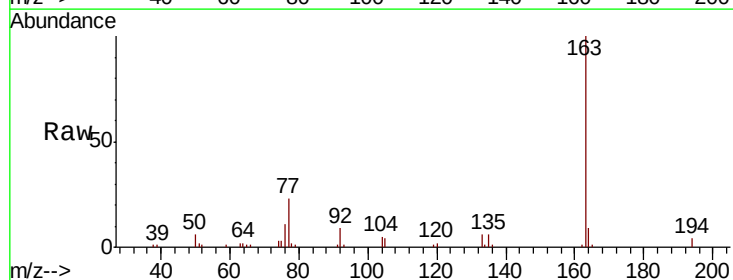
Instrument :
BNA_E
ClientSampled :

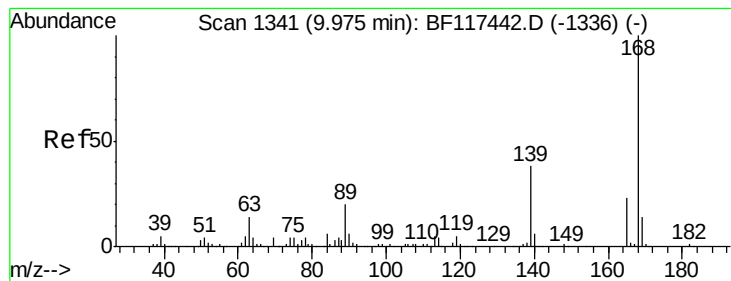
Tot Ion:172 Resp: 356687
Ion Ratio Lower Upper
172 100
171 34.7 27.5 41.3
170 23.0 18.6 27.8



#50
Dimethylphthalate
Concen: 9.519 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117568.D
Acq: 28 Oct 2019 18:18

Tgt Ion:163 Resp: 51751
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.3 8.2 12.2





#57

2,4-Dinitrotoluene

Concen: 6.144 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.22 min

Lab File: BF117568.D

Acq: 28 Oct 2019 18:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:165 Resp: 9267

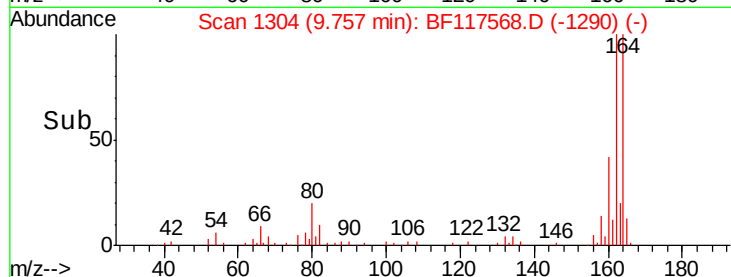
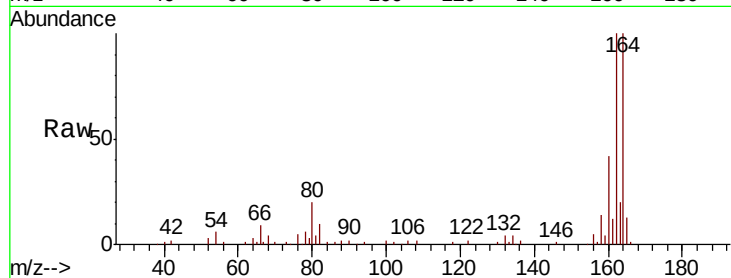
Ion Ratio Lower Upper

165 100

63 0.0 51.4 77.0#

89 0.0 69.9 104.9#

182 0.0 1.9 2.9#

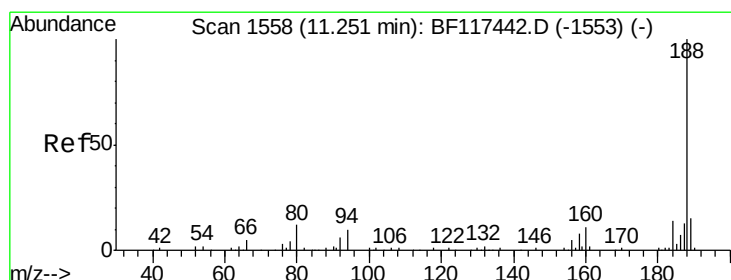
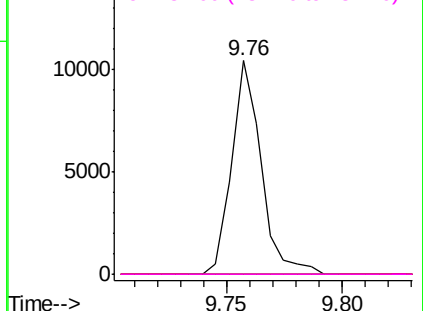


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF117568.D

Acq: 28 Oct 2019 18:18

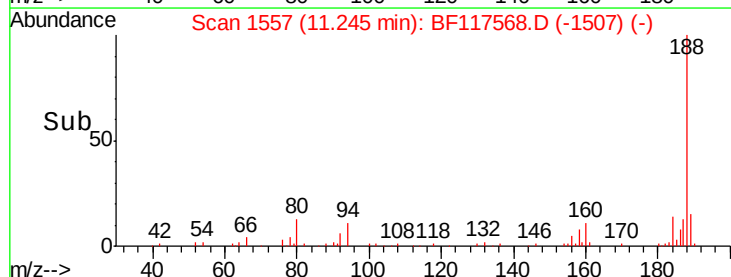
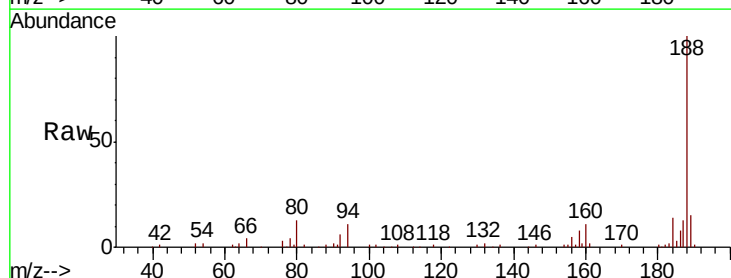
Tgt Ion:188 Resp: 114954

Ion Ratio Lower Upper

188 100

94 10.5 8.0 12.0

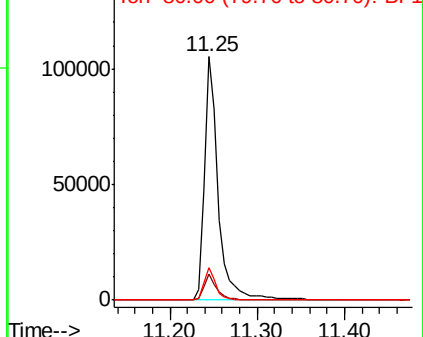
80 13.2 9.5 14.3

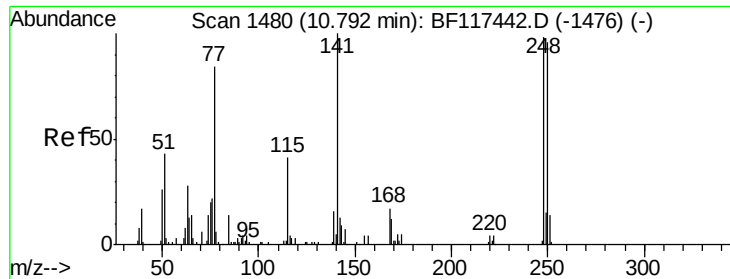


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 2.947 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF117568.D

Acq: 28 Oct 2019 18:18

Instrument :

BNA_E

ClientSampleId :

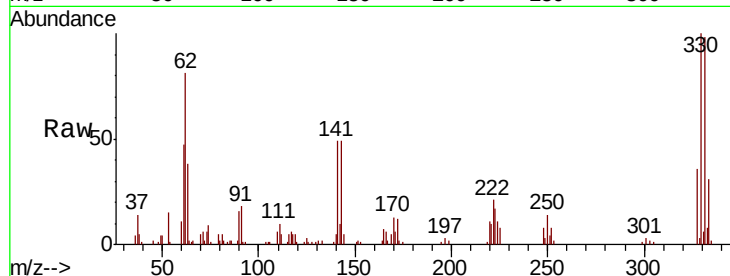
Tot Ion:248 Resp: 3649

Ion Ratio Lower Upper

248 100

250 174.9 78.0 117.0#

141 627.4 81.7 122.5#

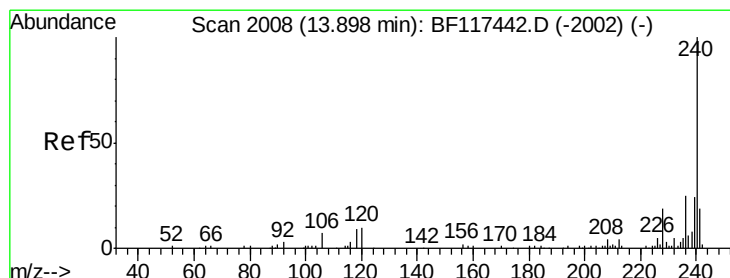
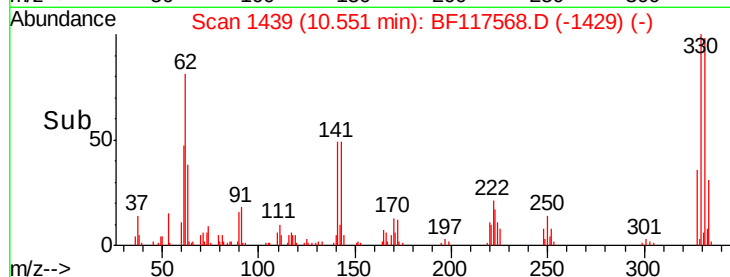
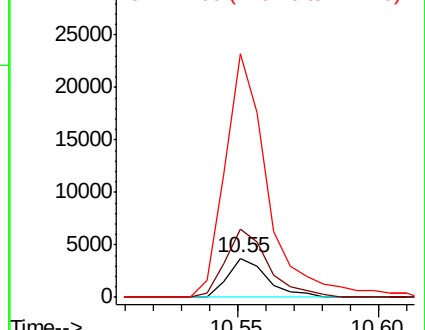


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117568.D

Acq: 28 Oct 2019 18:18

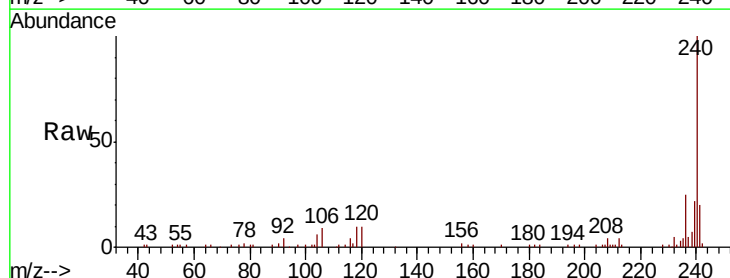
Tgt Ion:240 Resp: 69339

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

236 25.2 20.0 30.0

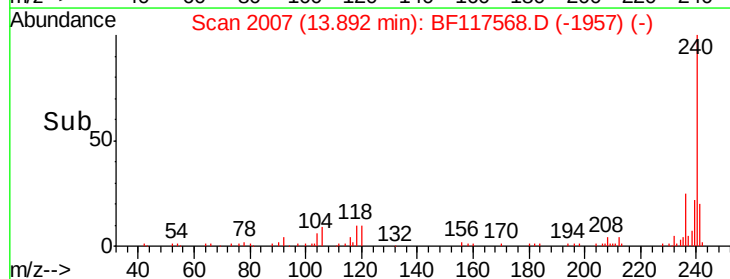
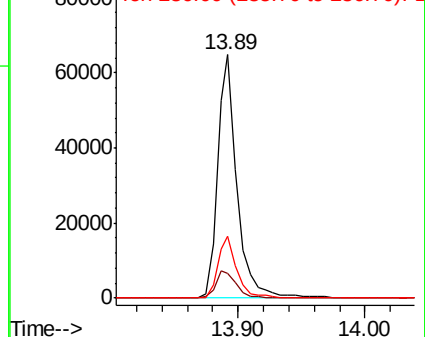


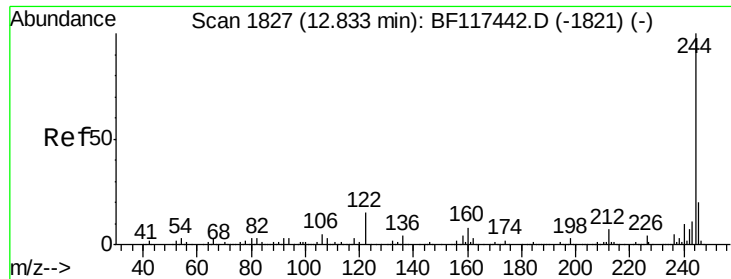
Abundance

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

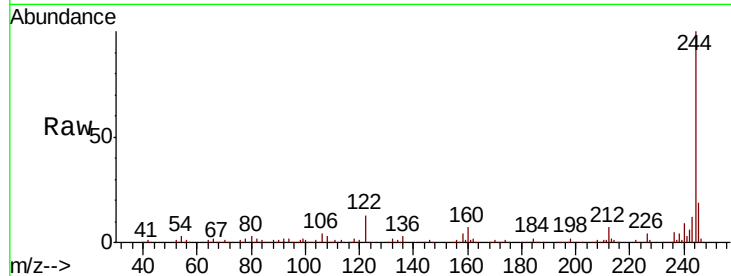




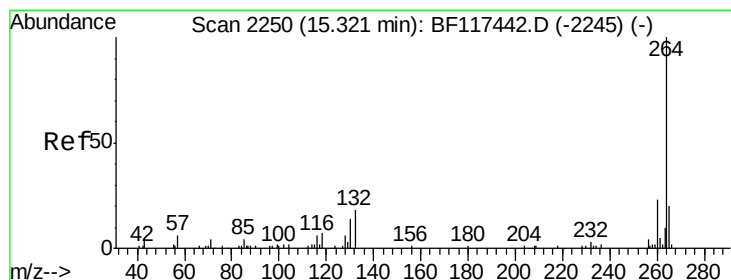
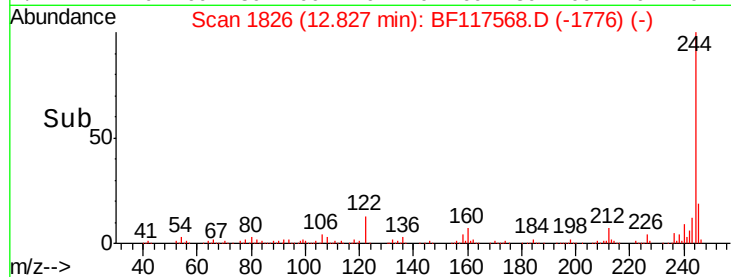
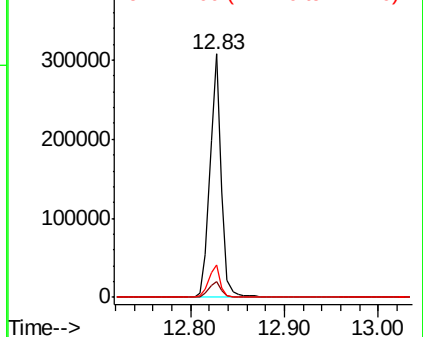
#79
 Terphenyl-d14
 Concen: 61.829 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117568.D
 Acq: 28 Oct 2019 18:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 262838
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 13.1 11.8 17.8

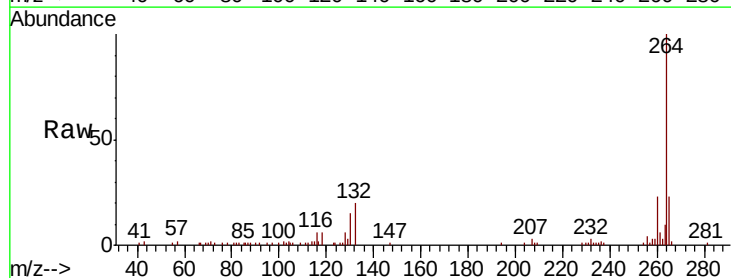


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BF117568.D
 Acq: 28 Oct 2019 18:18

Tgt Ion:264 Resp: 78220
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 22.8 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

