

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117557.D
 Acq On : 28 Oct 2019 13:23
 Operator : JU
 Sample : K5502-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 14:04:09 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	41113	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	167425	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	85631	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	139353	20.00	ng	0.00
76) Chrysene-d12	13.89	240	88661	20.00	ng	0.00
87) Perylene-d12	15.33	264	72193	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	231566	83.79	ng	0.00
7) Phenol-d6	6.38	99	334637	90.16	ng	0.00
23) Nitrobenzene-d5	7.29	82	201984	59.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	61575	83.11	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	304543	50.11	ng	-0.01
79) Terphenyl-d14	12.83	244	267731	49.26	ng	0.00

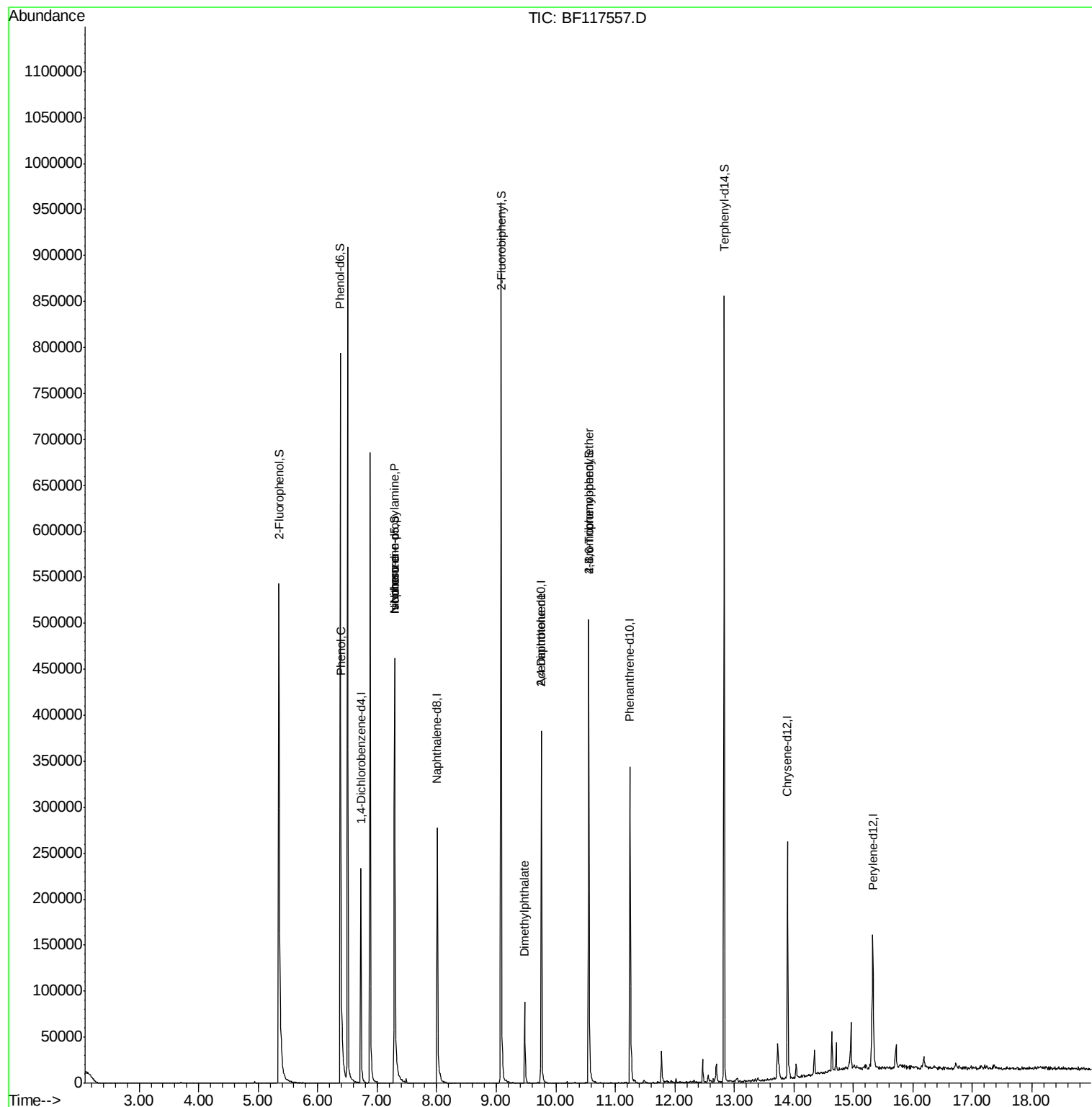
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.38	77	309	Below Cal		# 3
10) Phenol	6.39	94	8237	2.174	ng	# 89
19) n-Nitroso-di-n-propylamine	7.29	70	26285	11.596	ng	# 79
25) Isophorone	7.29	82	201983	34.428	ng	# 65
50) Dimethylphthalate	9.48	163	43075	7.056	ng	# 99
57) 2,4-Dinitrotoluene	9.76	165	10860	6.412	ng	# 12
67) 4-Bromophenyl-phenylether	10.56	248	3757	2.503	ng	# 1
77) Benzidine	12.83	184	3554	Below Cal		# 97

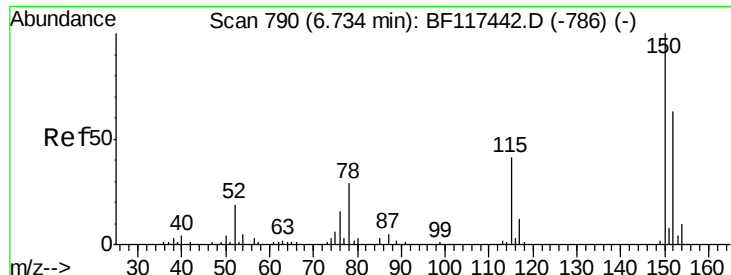
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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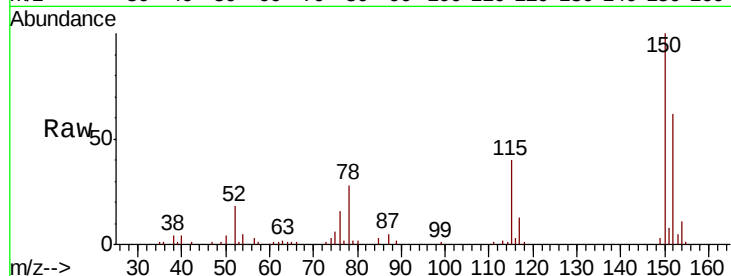


#1

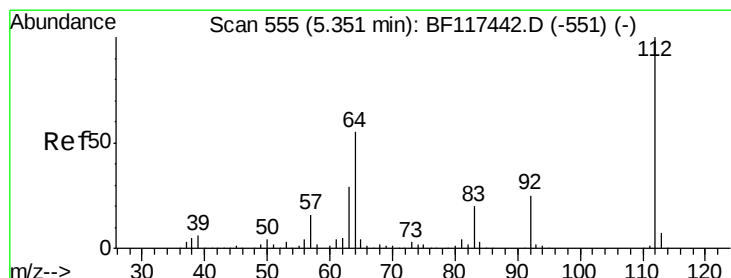
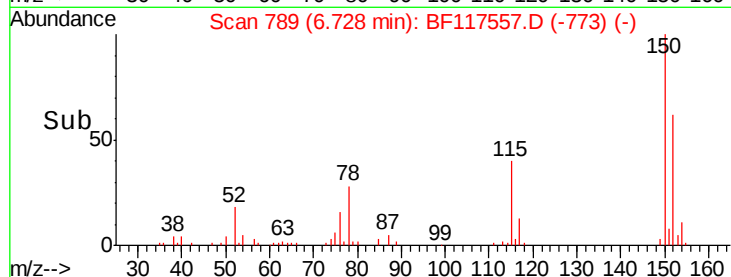
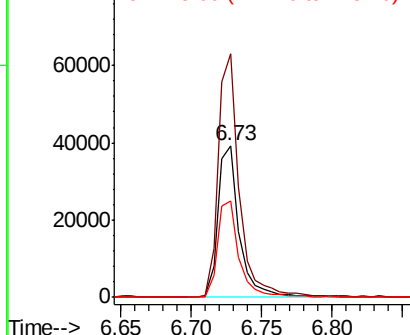
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117557.D
Acq: 28 Oct 2019 13:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 41113
Ion Ratio Lower Upper
152 100
150 160.8 126.8 190.2
115 63.9 51.6 77.4



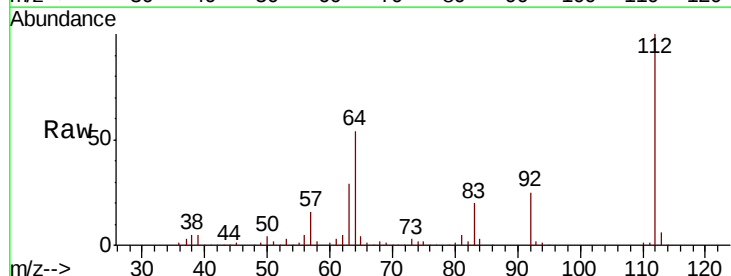
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



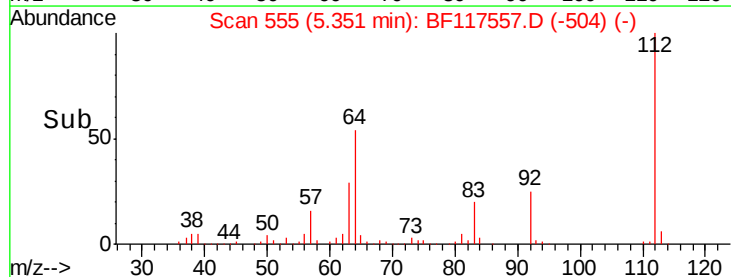
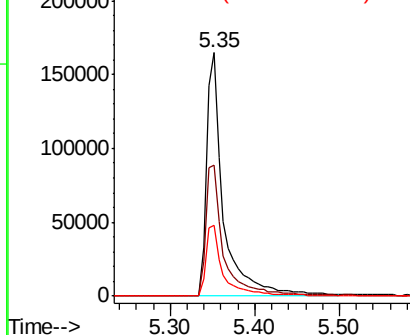
#5

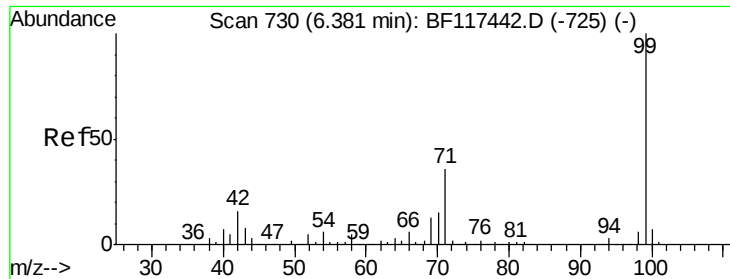
2-Fluorophenol
Concen: 83.794 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117557.D
Acq: 28 Oct 2019 13:23

Tgt Ion:112 Resp: 231566
Ion Ratio Lower Upper
112 100
64 54.1 44.1 66.1
63 28.9 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: 90.157 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117557.D

Acq: 28 Oct 2019 13:23

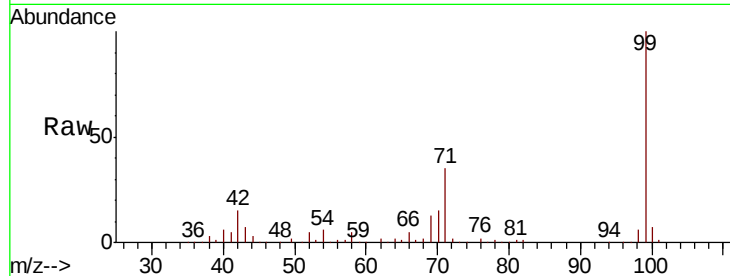
Instrument :

BNA_E

ClientSampled :

Tot Ion: 99 Resp: 334637

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.8	19.2
71	35.1	28.6	43.0

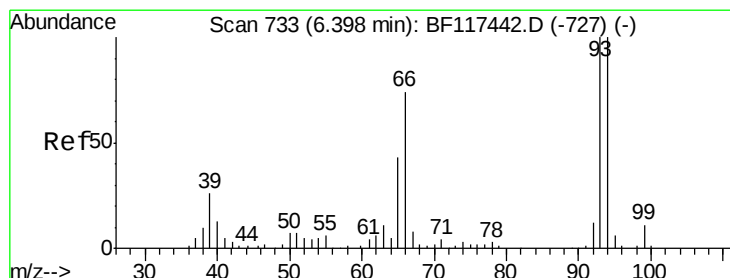
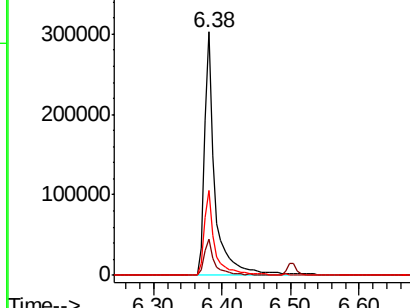
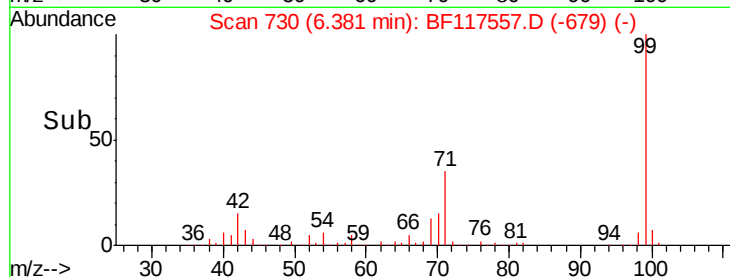


Abundance

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: 2.174 ng

RT: 6.39 min Scan# 732

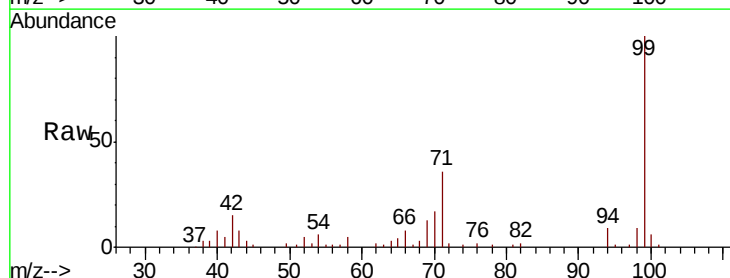
Delta R.T. -0.01 min

Lab File: BF117557.D

Acq: 28 Oct 2019 13:23

Tgt Ion: 94 Resp: 8237

Ion	Ratio	Lower	Upper
94	100		
65	42.4	23.4	63.4
66	89.1	54.7	94.7

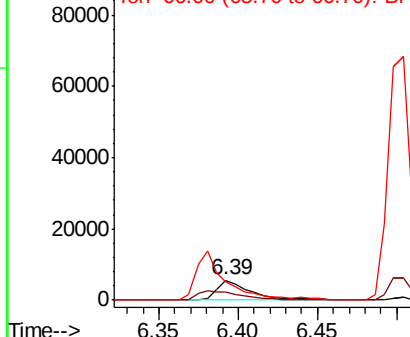
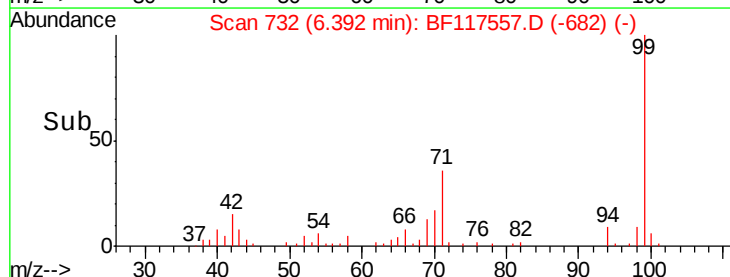


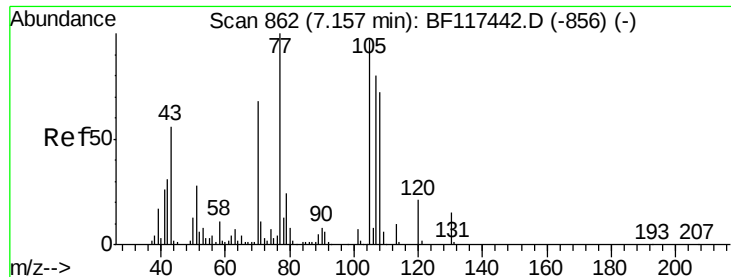
Abundance

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

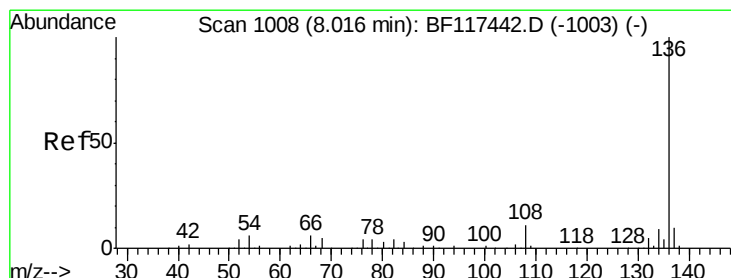
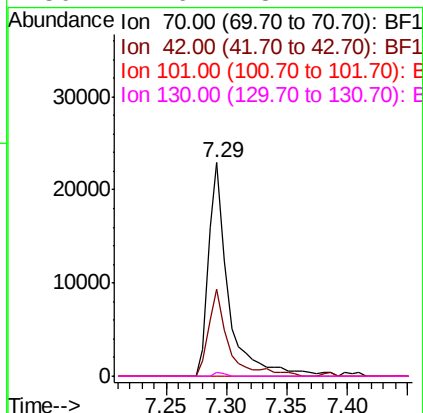
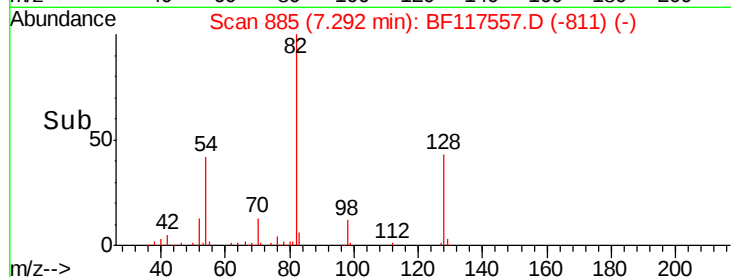
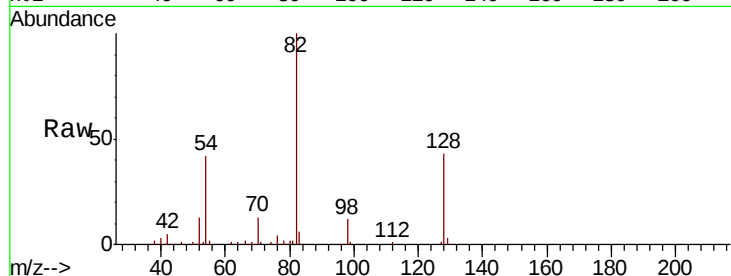




#19
n-Nitroso-di-n-propylamine
Concen: 11.596 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117557.D
Acq: 28 Oct 2019 13:23

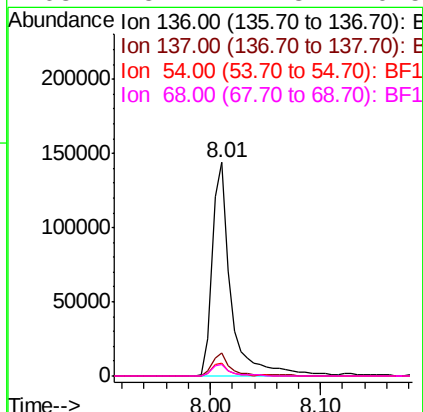
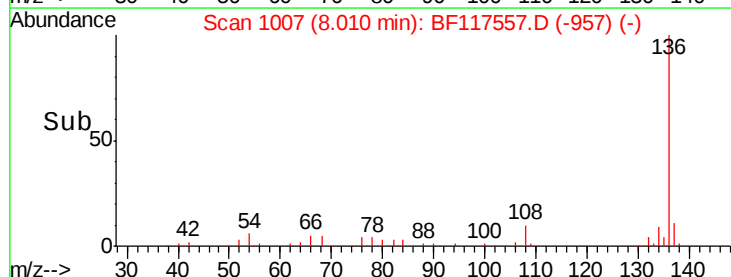
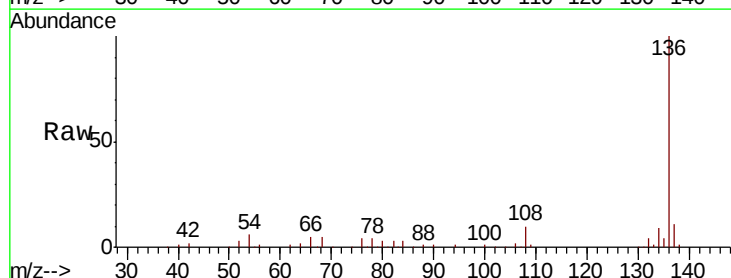
Instrument :
BNA_E
ClientSampleId :

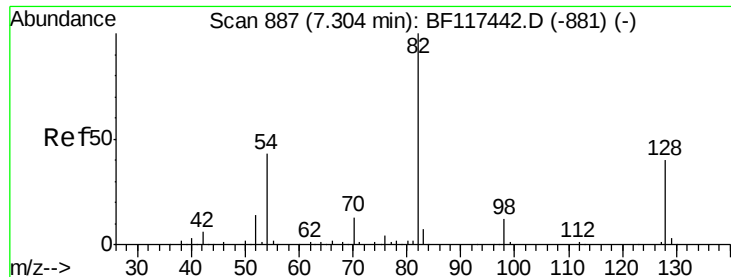
Tot Ion: 70 Resp: 26285
Ion Ratio Lower Upper
70 100
42 40.8 36.7 55.1
101 0.0 8.3 12.5#
130 1.6 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117557.D
Acq: 28 Oct 2019 13:23

Tgt Ion:136 Resp: 167425
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 5.7 4.5 6.7
68 5.2 4.3 6.5

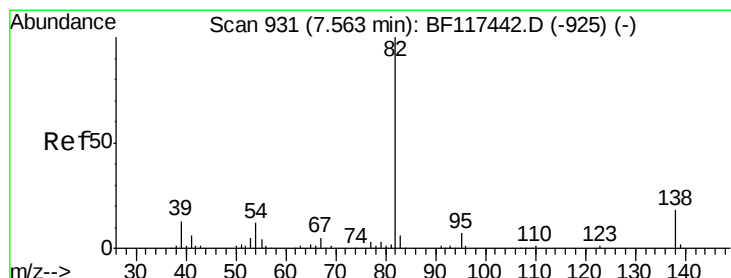
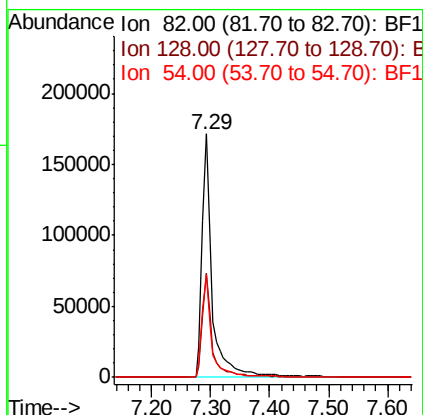
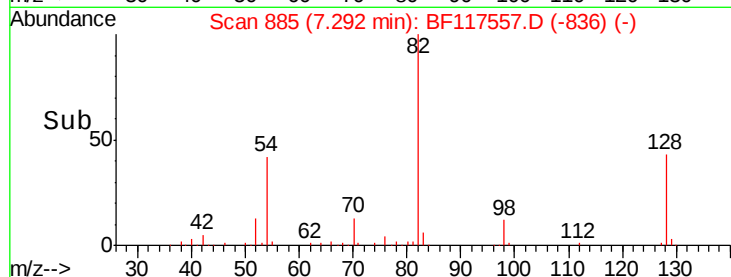
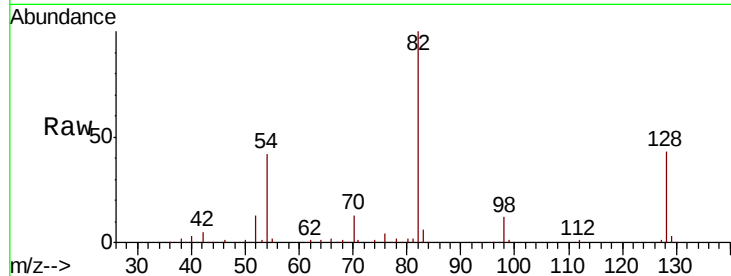




#23
Nitrobenzene-d5
Concen: 59.558 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117557.D
Acq: 28 Oct 2019 13:23

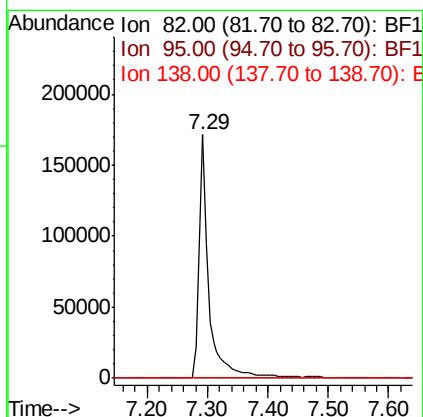
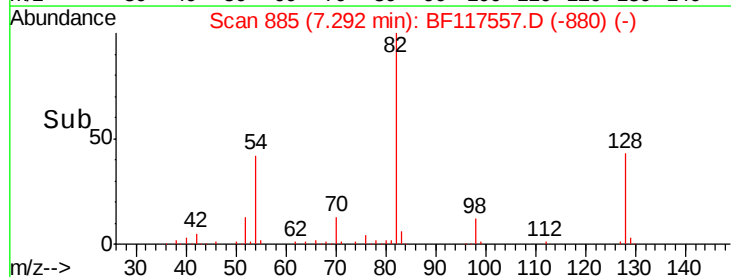
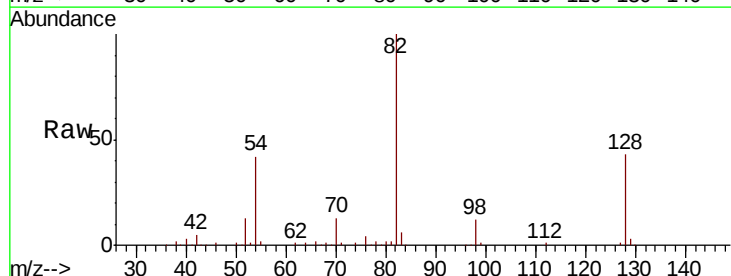
Instrument :
BNA_E
ClientSampled :

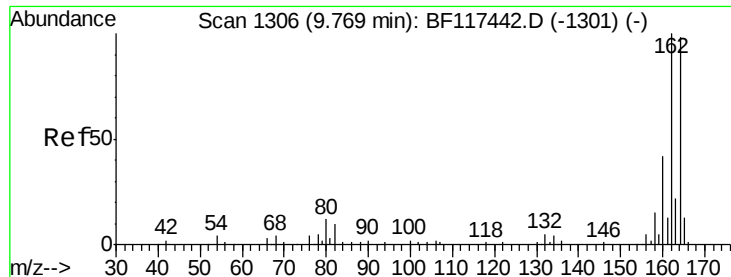
Tot Ion	82	Resp	201984
Ion Ratio	Lower	Upper	
82	100		
128	42.6	32.2	48.2
54	42.1	34.2	51.2



#25
Isophorone
Concen: 34.428 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117557.D
Acq: 28 Oct 2019 13:23

Tgt Ion	82	Resp	201983
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: BF117557.D

Acq: 28 Oct 2019 13:23

Instrument :

BNA_E

ClientSampleId :

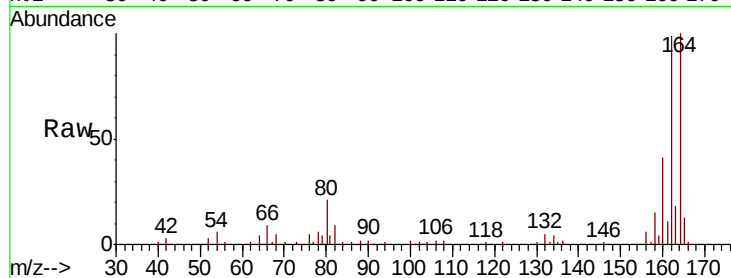
Tot Ion:164 Resp: 85631

Ion Ratio Lower Upper

164 100

162 99.4 81.8 122.6

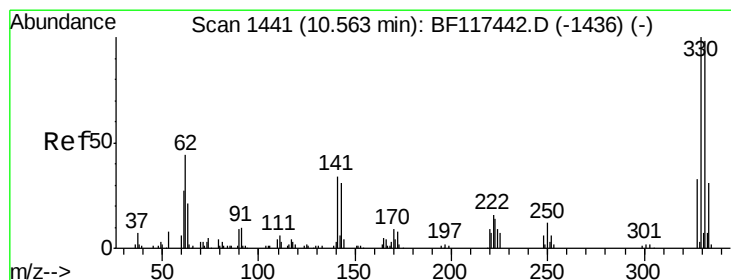
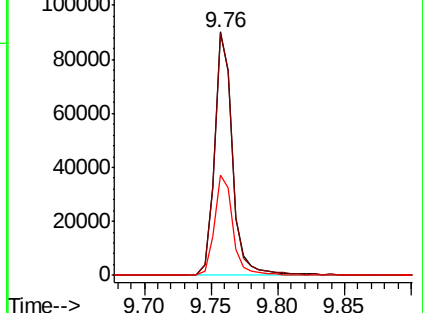
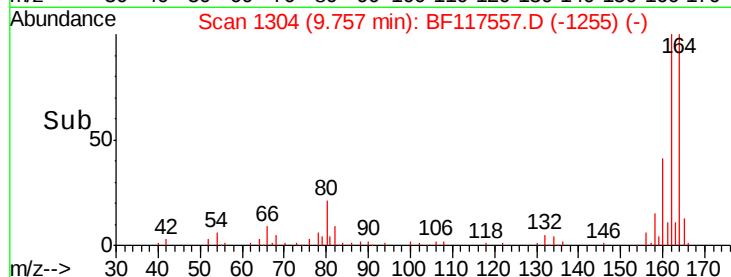
160 41.2 34.4 51.6



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: 83.105 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117557.D

Acq: 28 Oct 2019 13:23

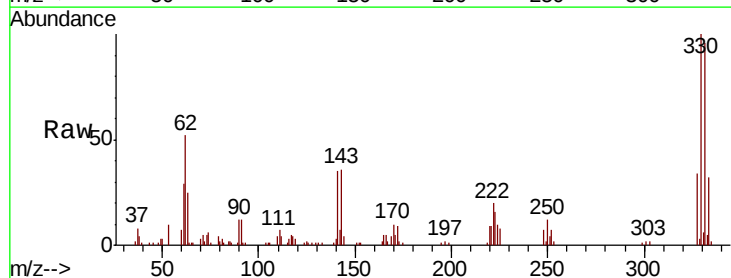
Tgt Ion:330 Resp: 61575

Ion Ratio Lower Upper

330 100

332 94.8 78.5 117.7

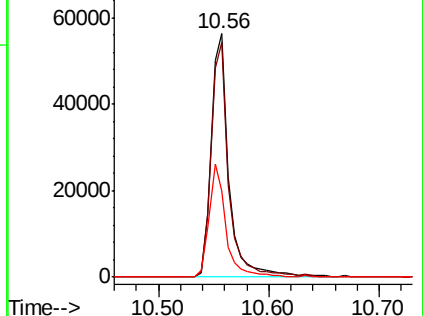
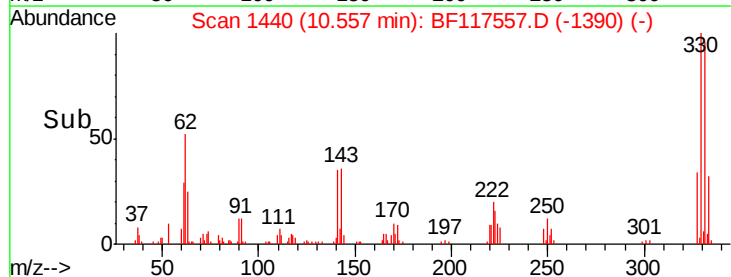
141 43.7 37.0 55.6



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

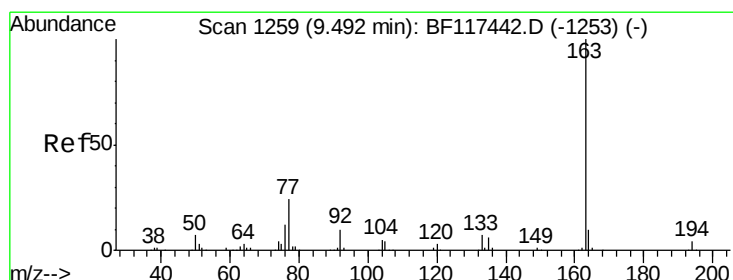
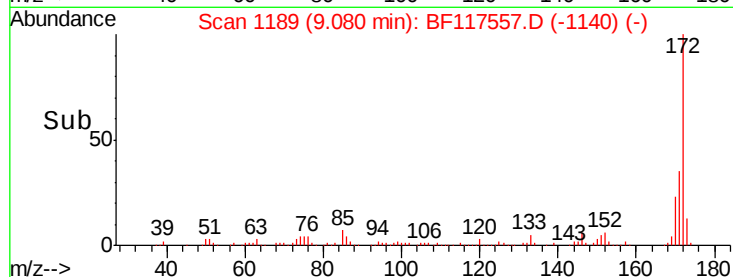
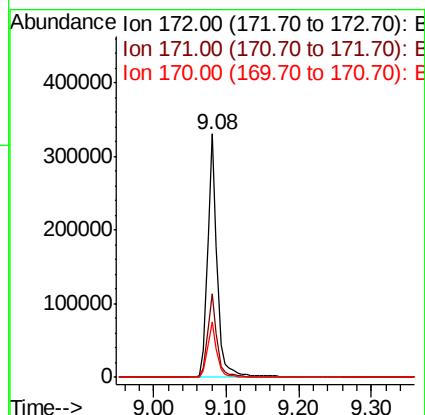
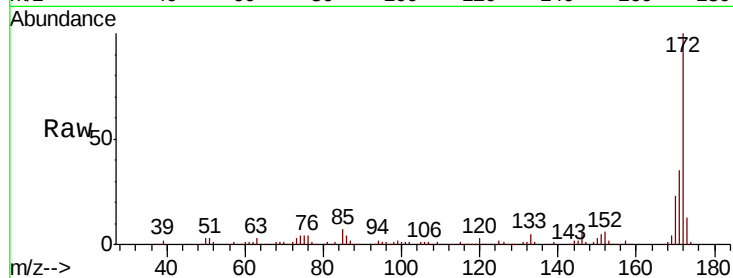




#45
2-Fluorobiphenyl
Concen: 50.110 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117557.D
Acq: 28 Oct 2019 13:23

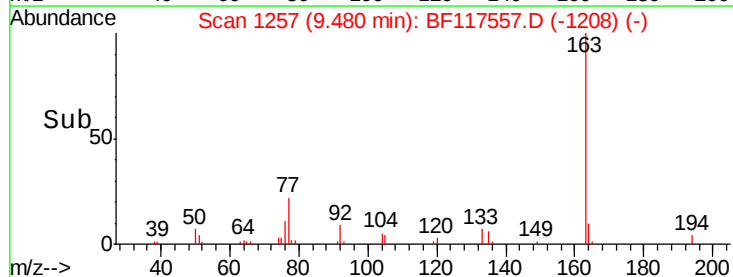
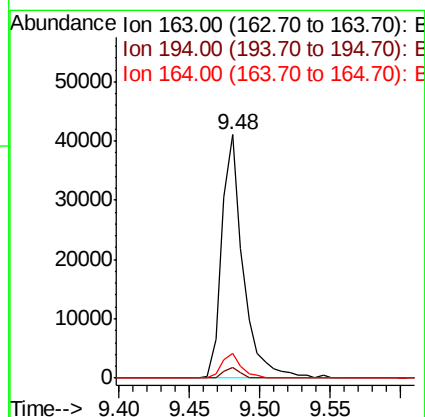
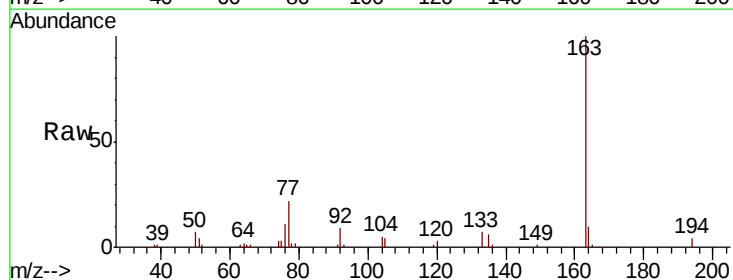
Instrument :
BNA_E
ClientSampleId :

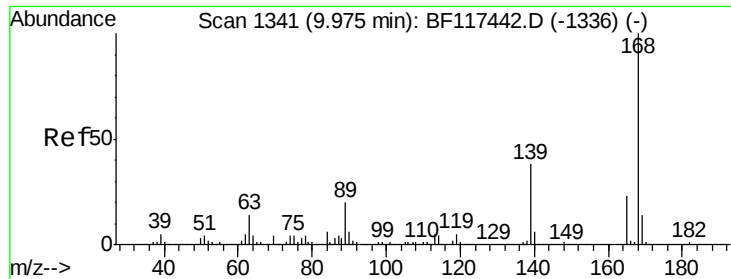
Tot Ion:172 Resp: 304543
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 22.7 18.6 27.8



#50
Dimethylphthalate
Concen: 7.056 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117557.D
Acq: 28 Oct 2019 13:23

Tgt Ion:163 Resp: 43075
Ion Ratio Lower Upper
163 100
194 4.3 2.9 4.3#
164 9.9 8.2 12.2

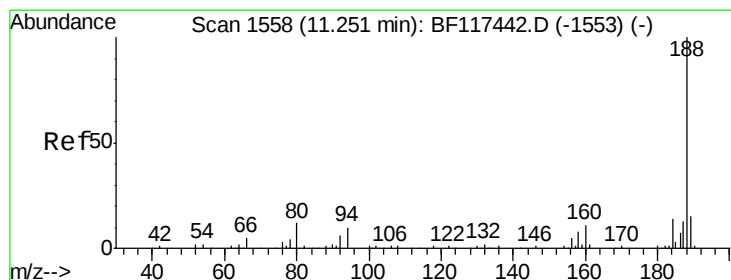
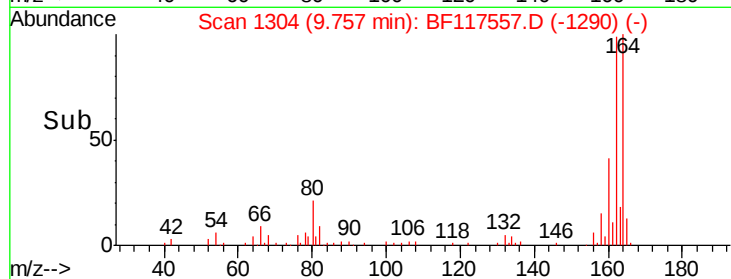
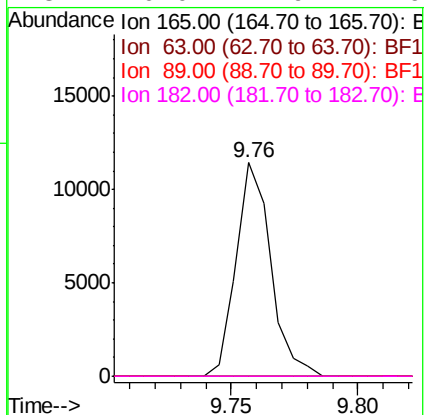
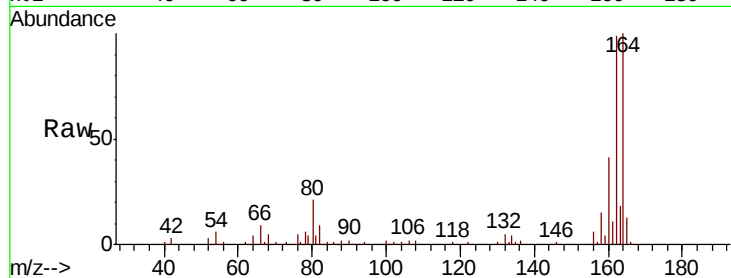




#57
 2,4-Dinitrotoluene
 Concen: 6.412 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.22 min
 Lab File: BF117557.D
 Acq: 28 Oct 2019 13:23

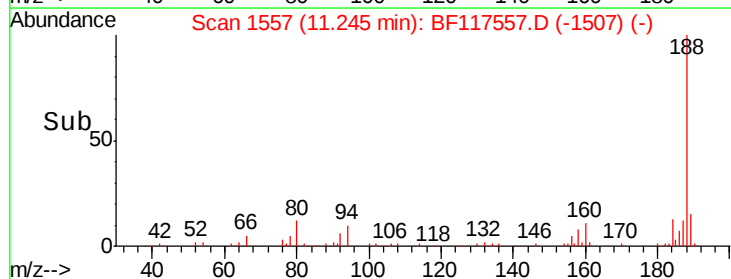
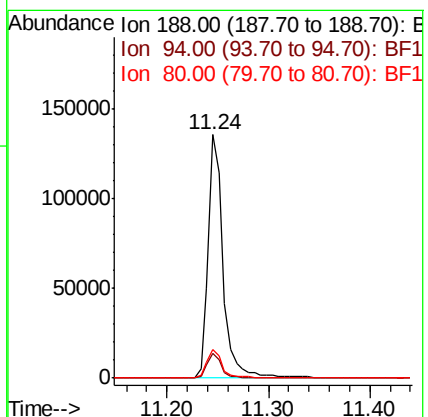
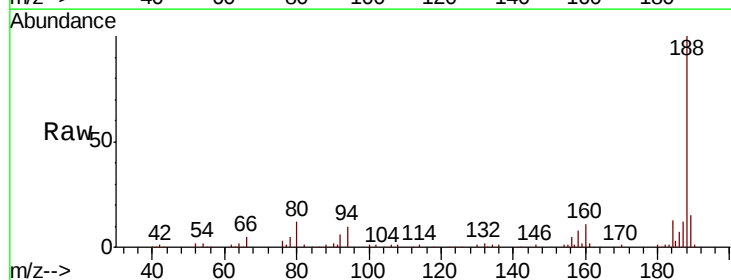
Instrument :
 BNA_E
 ClientSampleId :

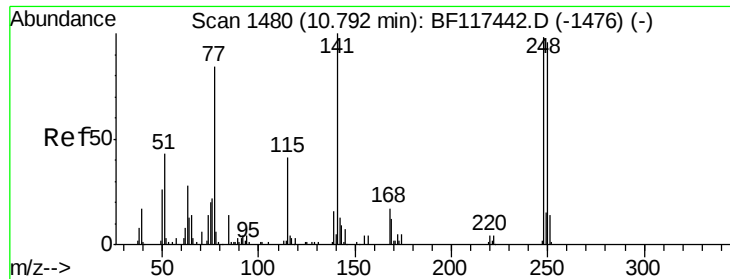
Tot Ion:165 Resp: 10860
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.0#
 89 0.0 69.9 104.9#
 182 0.0 1.9 2.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF117557.D
 Acq: 28 Oct 2019 13:23

Tgt Ion:188 Resp: 139353
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.0 12.0
 80 12.0 9.5 14.3





#67

4-Bromophenyl-phenylether

Concen: 2.503 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF117557.D

Acq: 28 Oct 2019 13:23

Instrument :

BNA_E

ClientSampleId :

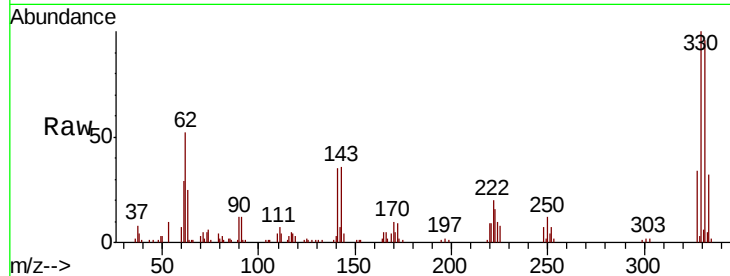
Tot Ion:248 Resp: 3757

Ion Ratio Lower Upper

248 100

250 178.5 78.0 117.0#

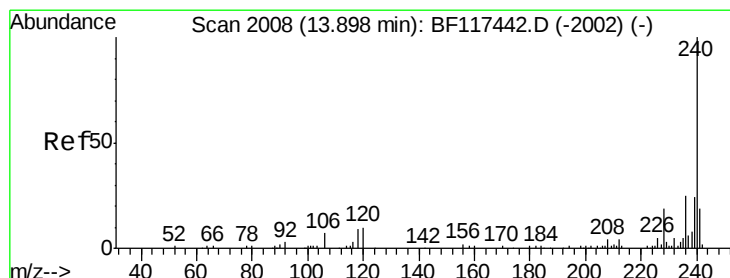
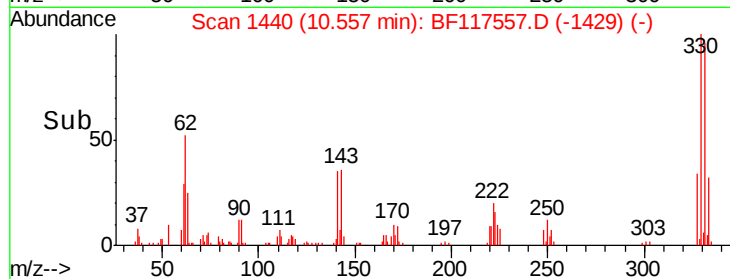
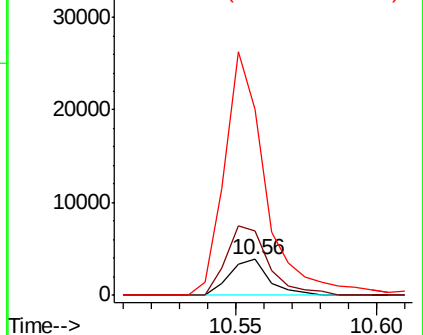
141 517.3 81.7 122.5#



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: BF117557.D

Acq: 28 Oct 2019 13:23

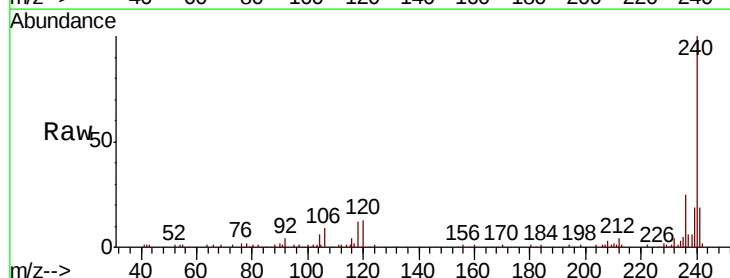
Tgt Ion:240 Resp: 88661

Ion Ratio Lower Upper

240 100

120 12.9 8.4 12.6#

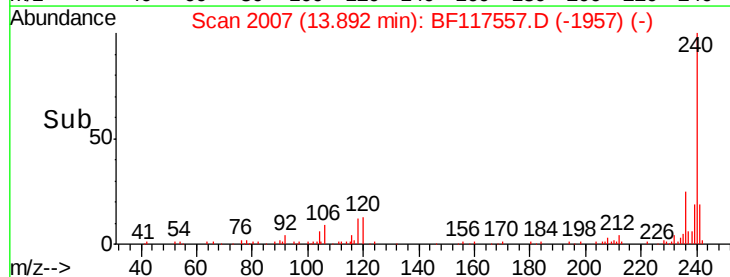
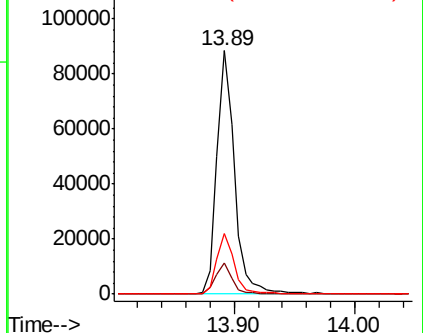
236 25.1 20.0 30.0

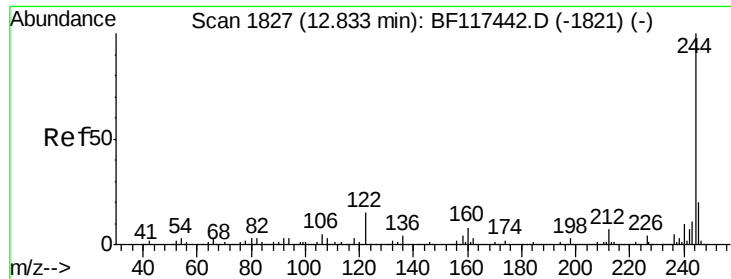


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

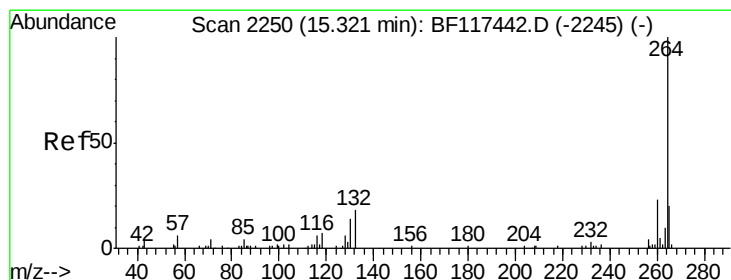
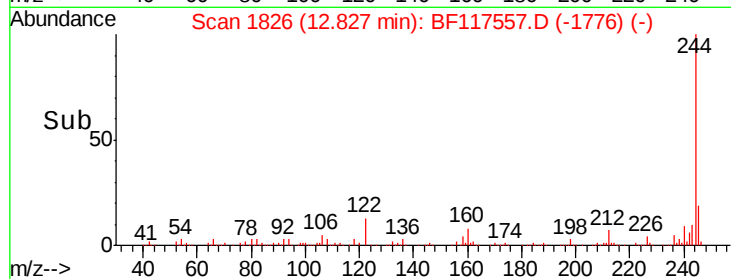
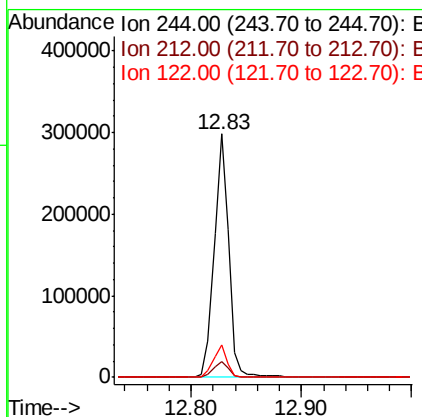
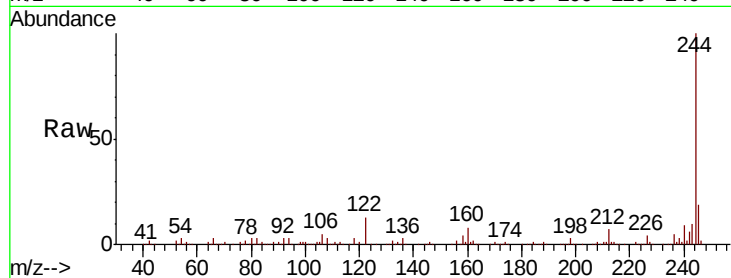




#79
 Terphenyl-d14
 Concen: 49.255 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117557.D
 Acq: 28 Oct 2019 13:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	13.3	11.8	17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF117557.D
 Acq: 28 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	20.2	16.1	24.1

