

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\  
 Data File : BF117560.D  
 Acq On : 28 Oct 2019 14:43  
 Operator : JU  
 Sample : K5543-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: Oct 29 14:04:33 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

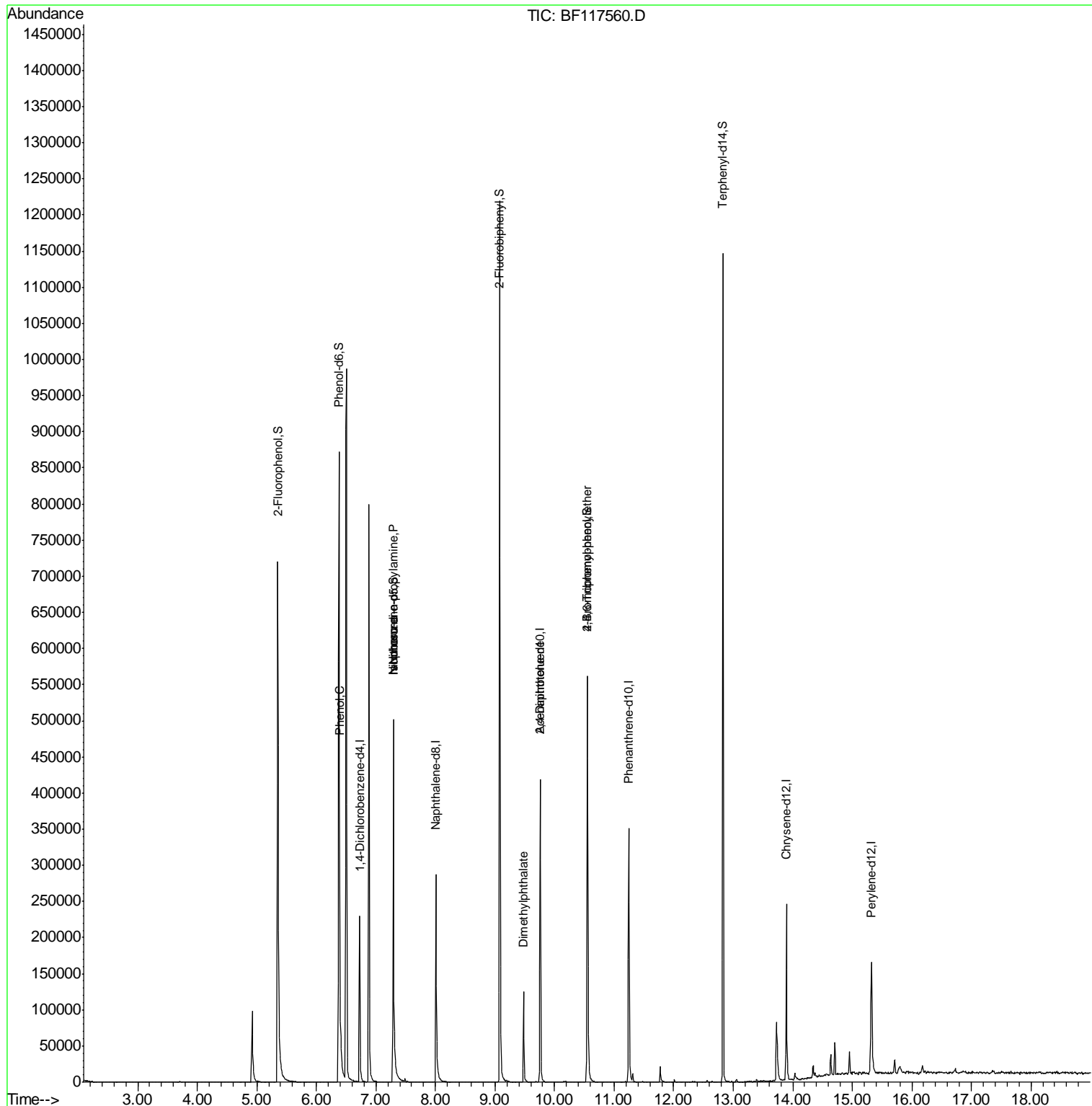
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	41461	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	169931	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	89014	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	142707	20.00	ng	0.00
76) Chrysene-d12	13.89	240	89499	20.00	ng	0.00
87) Perylene-d12	15.33	264	80270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	260596	93.51	ng	0.00
7) Phenol-d6	6.38	99	354675	94.75	ng	0.00
23) Nitrobenzene-d5	7.29	82	214962	62.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	67289	87.37	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	386201	61.13	ng	-0.01
79) Terphenyl-d14	12.83	244	375683	68.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	418	Below Cal	#	3
10) Phenol	6.39	94	10031	2.626 ng	#	88
19) n-Nitroso-di-n-propylamine	7.29	70	28175	12.325 ng	#	76
25) Isophorone	7.29	82	214960	36.100 ng	#	65
50) Dimethylphthalate	9.48	163	59675	9.404 ng	#	100
57) 2,4-Dinitrotoluene	9.76	165	11175	6.347 ng	#	12
67) 4-Bromophenyl-phenylether	10.55	248	4332	2.818 ng	#	1
77) Benzidine	12.83	184	5150	Below Cal	#	92

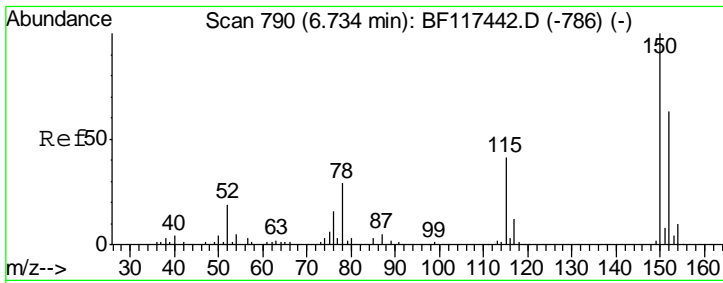
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
 BNA\_E  
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 QLast Update : Fri Oct 18 18:53:31 2019  
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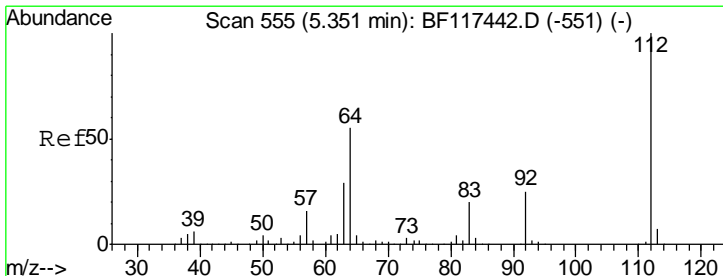
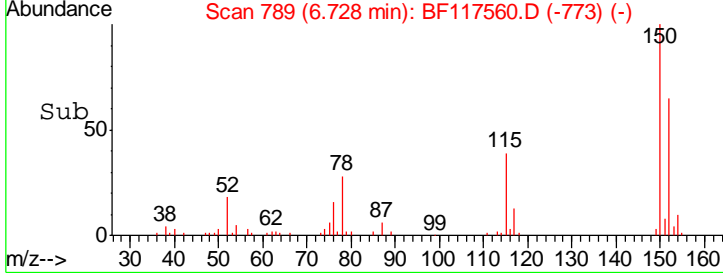
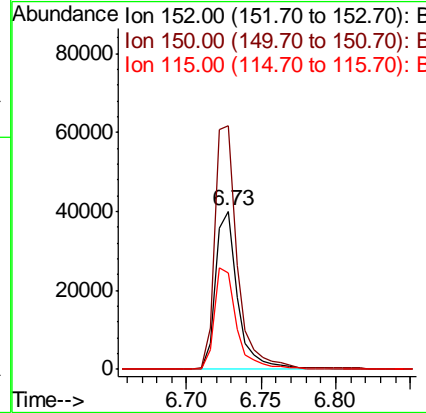
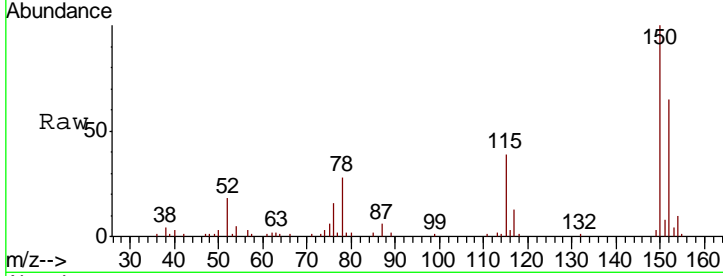




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.73 min Scan# 789  
 Delta R.T. -0.01 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

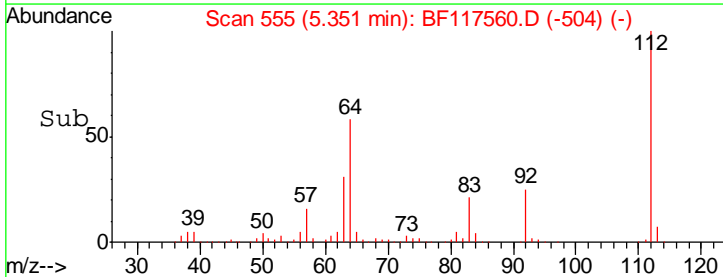
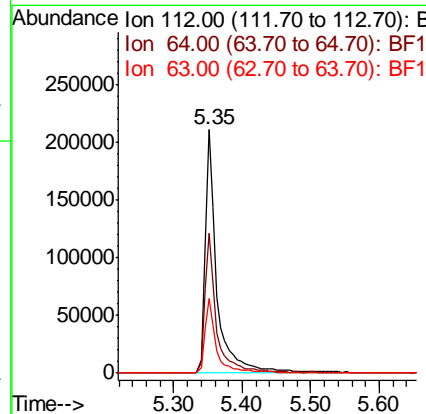
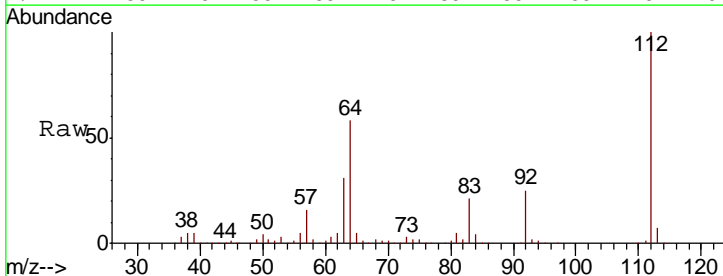
Instrument :  
 BNA\_E  
 ClientSampled :

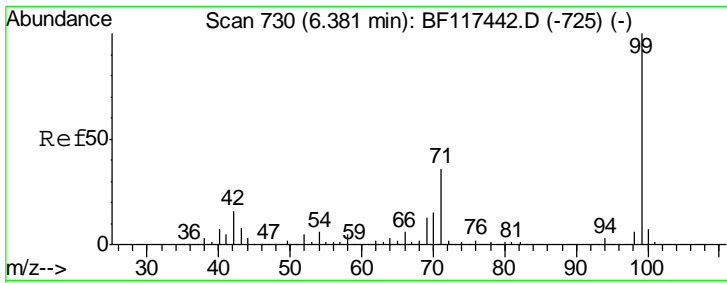
Tgt Ion	Resp	Lower	Upper
152	41461		
150	154.0	126.8	190.2
115	60.7	51.6	77.4



#5  
 2-Fluorophenol  
 Concen: 93.507 ng  
 RT: 5.35 min Scan# 555  
 Delta R.T. -0.00 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

Tgt Ion	Resp	Lower	Upper
112	260596		
64	57.6	44.1	66.1
63	30.6	23.4	35.2

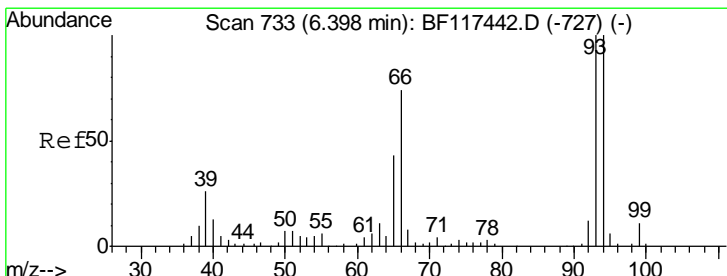
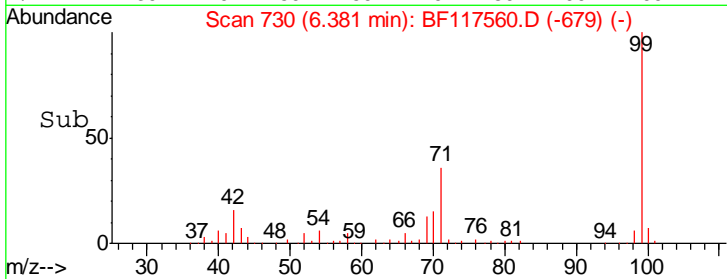
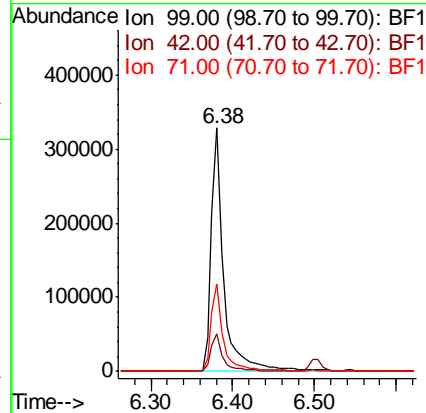
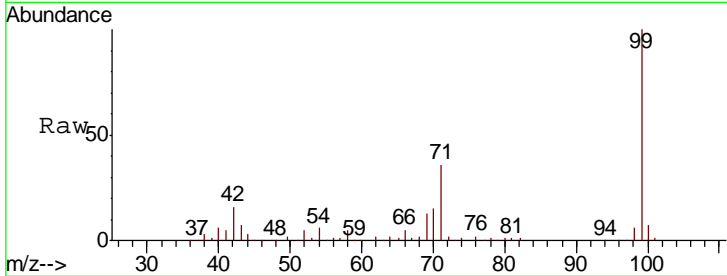




#7  
 Phenol-d6  
 Concen: 94.753 ng  
 RT: 6.38 min Scan# 730  
 Delta R.T. -0.00 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

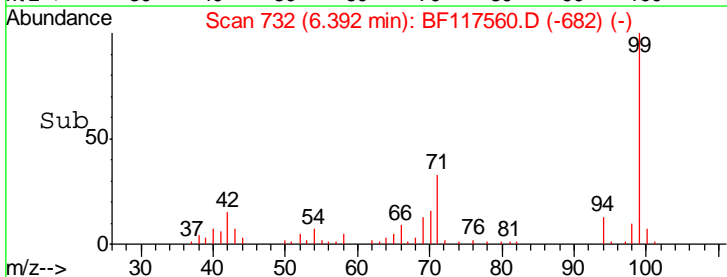
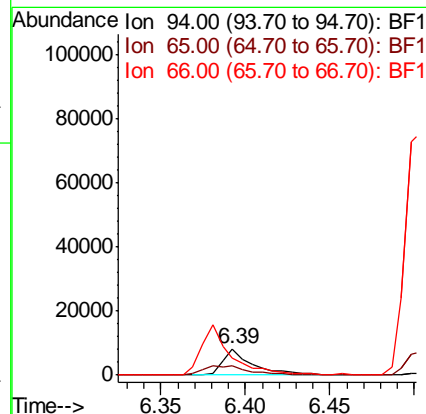
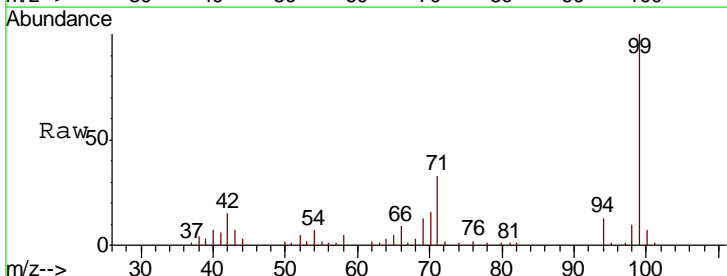
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 BNA\_E  
 ClientSampled :

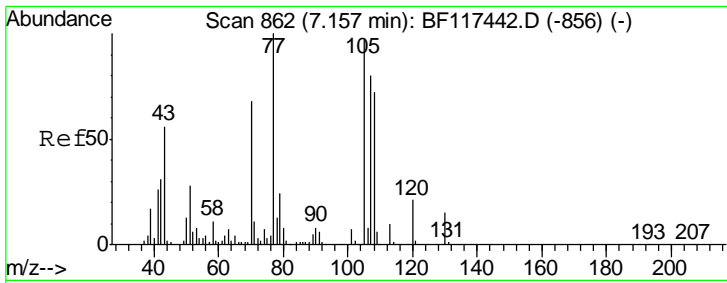
Tgt Ion	Resp	Lower	Upper
99	354675		
42	15.6	12.8	19.2
71	35.9	28.6	43.0



#10  
 Phenol  
 Concen: 2.626 ng  
 RT: 6.39 min Scan# 732  
 Delta R.T. -0.01 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

Tgt Ion	Resp	Lower	Upper
94	10031		
65	34.1	23.4	63.4
66	65.4	54.7	94.7

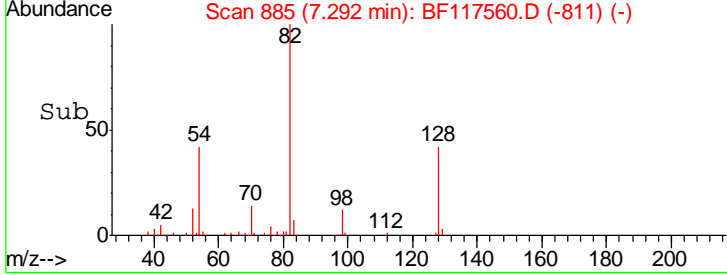
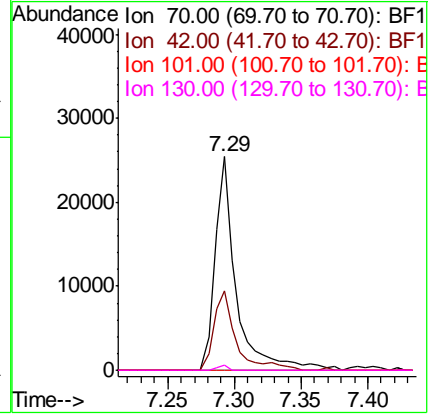
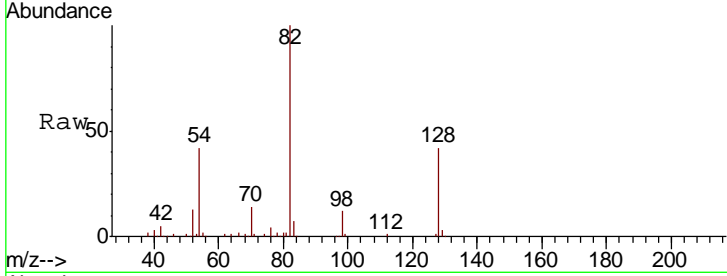




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 12.325 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. 0.14 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

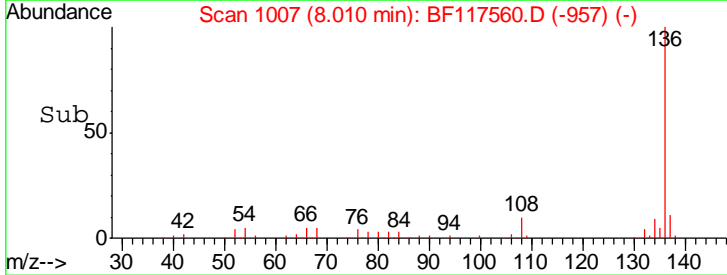
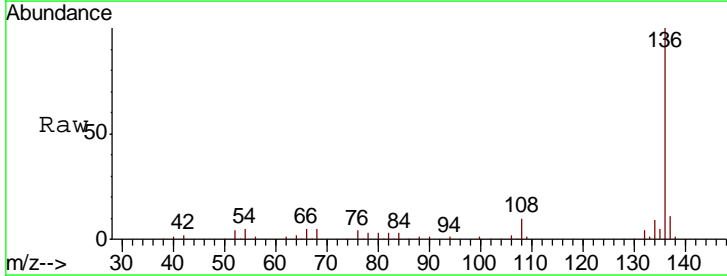
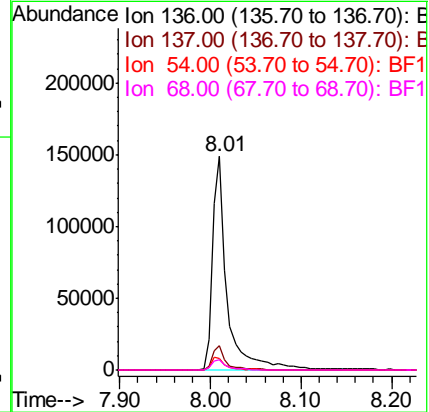
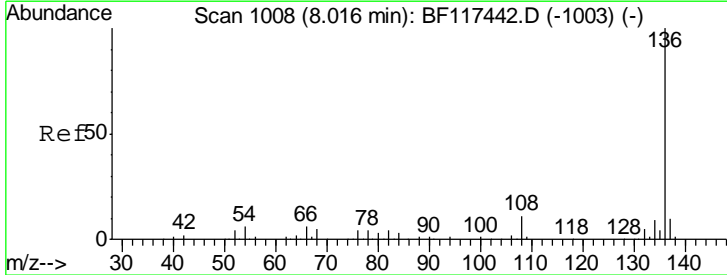
Instrument :  
 BNA\_E  
 ClientSampled :

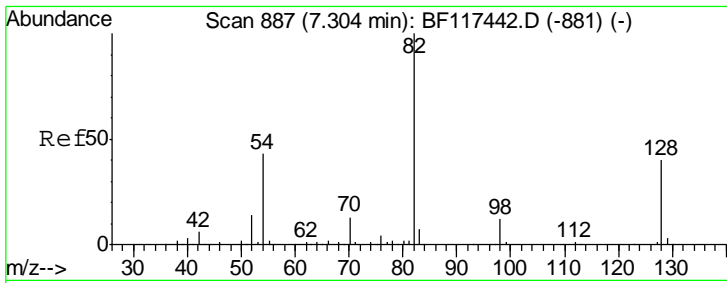
Tgt Ion	Resp	Lower	Upper
70	100		
42	37.0	36.7	55.1
101	0.0	8.3	12.5#
130	2.2	18.1	27.1#



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.01 min Scan# 1007  
 Delta R.T. -0.01 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	5.4	4.5	6.7
68	5.0	4.3	6.5

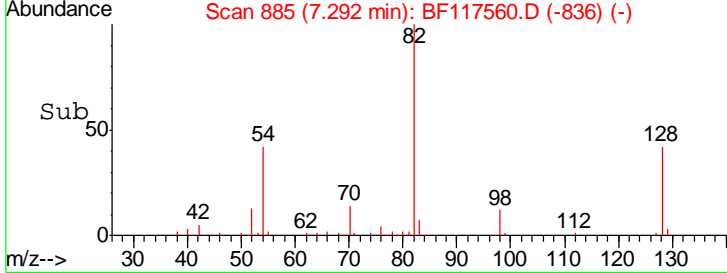
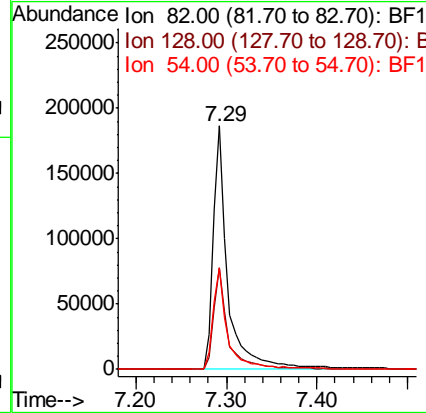
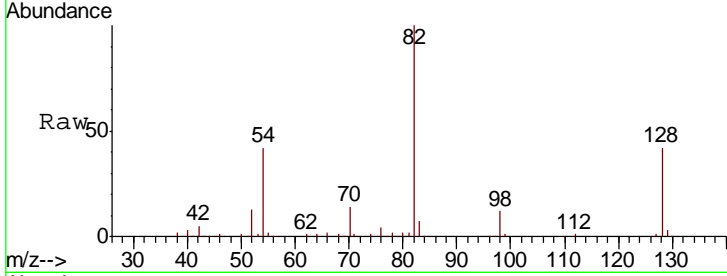




#23  
 Nitrobenzene-d5  
 Concen: 62.450 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. -0.01 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

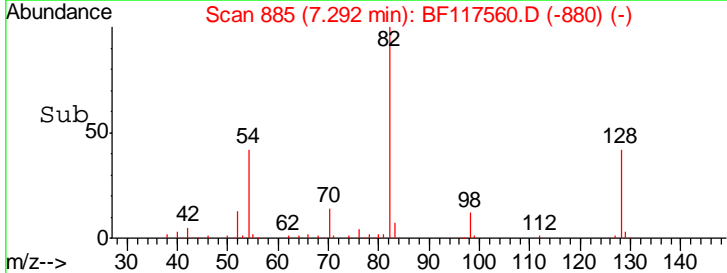
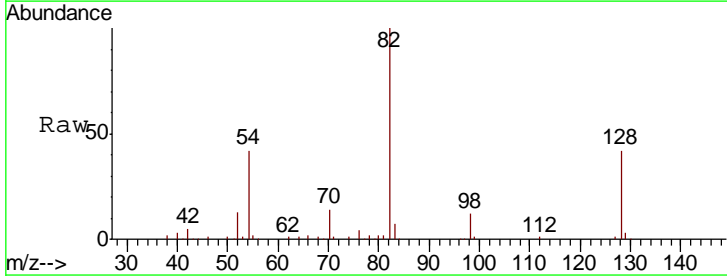
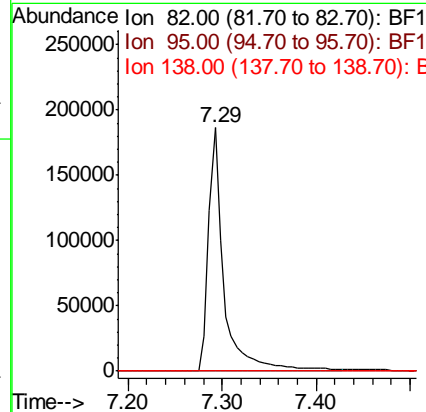
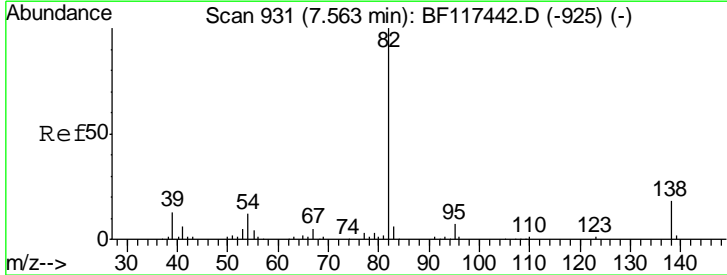
Instrument :  
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 ClientSampled :

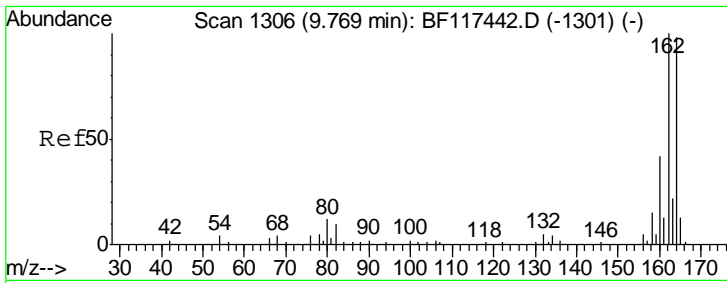
Tgt Ion	Resp	Lower	Upper
82	100		
128	41.8	32.2	48.2
54	41.5	34.2	51.2



#25  
 Isophorone  
 Concen: 36.100 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. -0.27 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

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

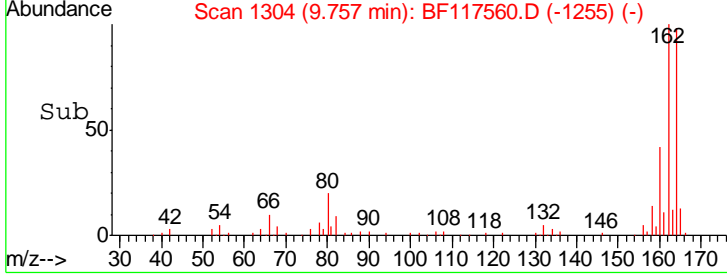
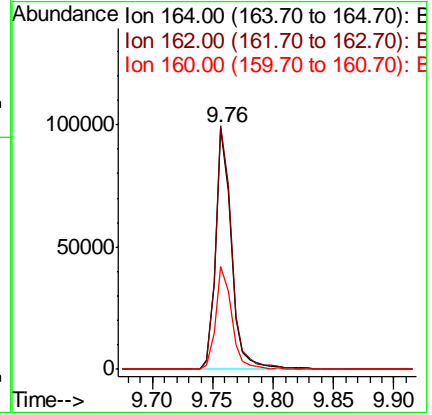
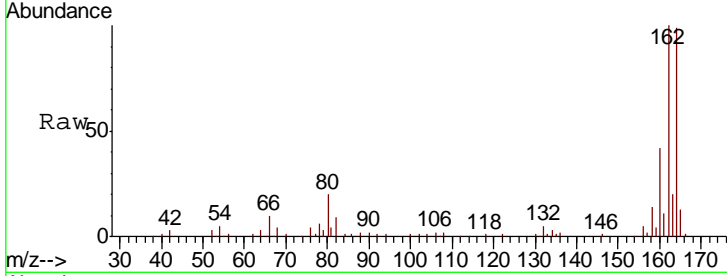




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.76 min Scan# 1304  
 Delta R.T. -0.01 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

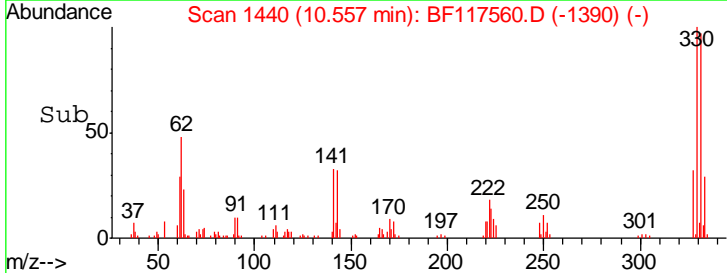
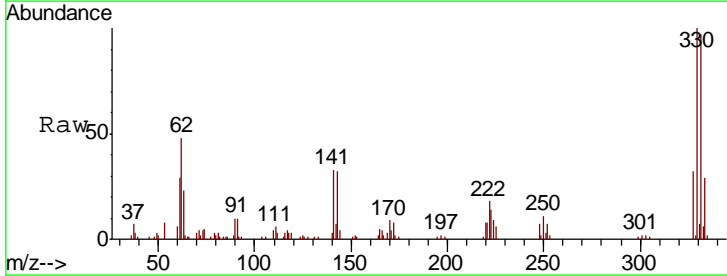
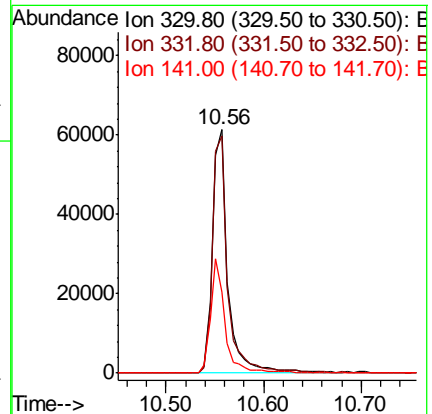
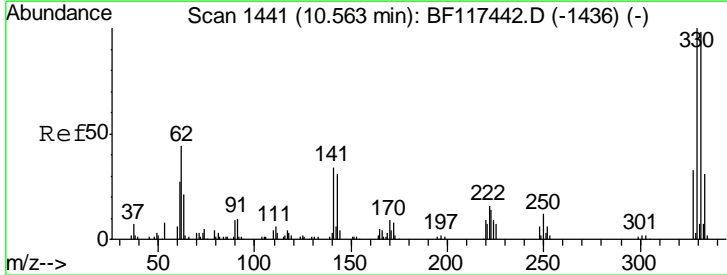
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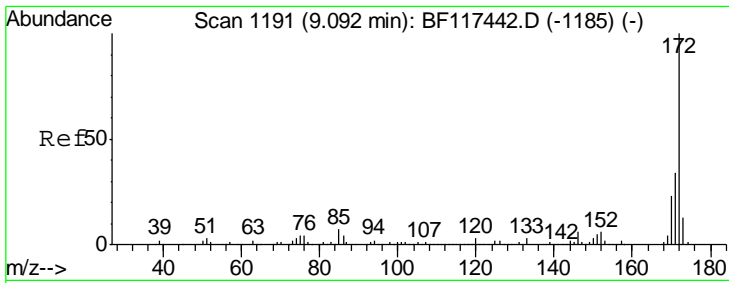
Tgt Ion	Resp	Lower	Upper
164	100		
162	100.7	81.8	122.6
160	42.3	34.4	51.6



#42  
 2,4,6-Tribromophenol  
 Concen: 87.366 ng  
 RT: 10.56 min Scan# 1440  
 Delta R.T. -0.01 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.7	78.5	117.7
141	43.6	37.0	55.6



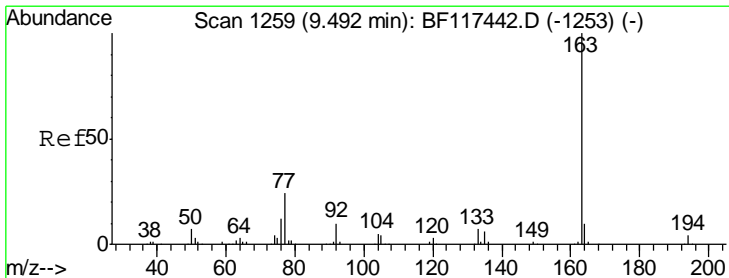
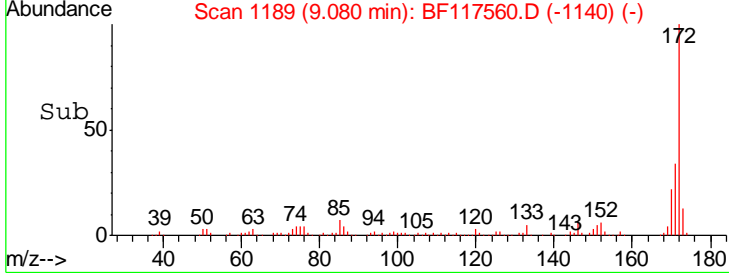
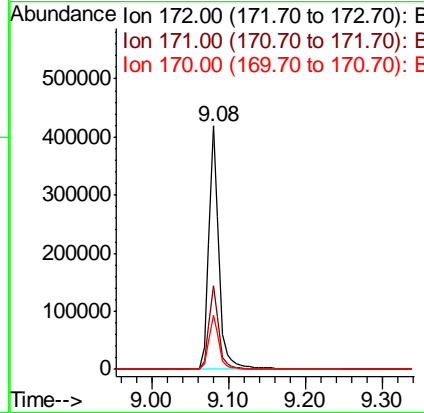
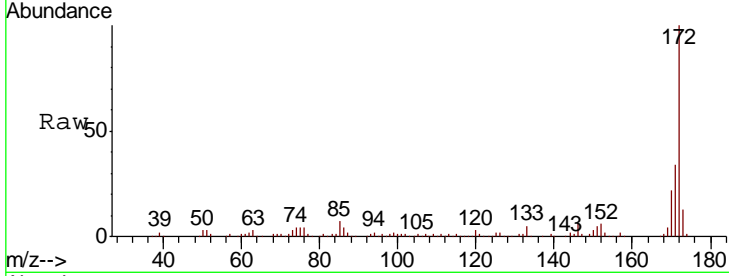


#45  
 2-Fluorobiphenyl  
 Concen: 61.131 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. -0.01 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

Instrument :  
 BNA\_E  
 ClientSampleID :

Tgt Ion:172 Resp: 386201

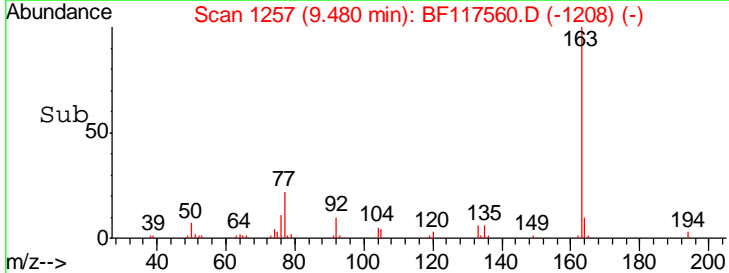
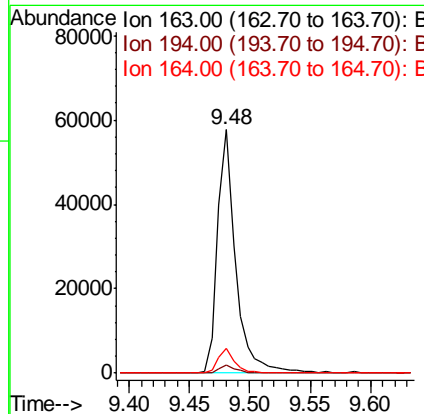
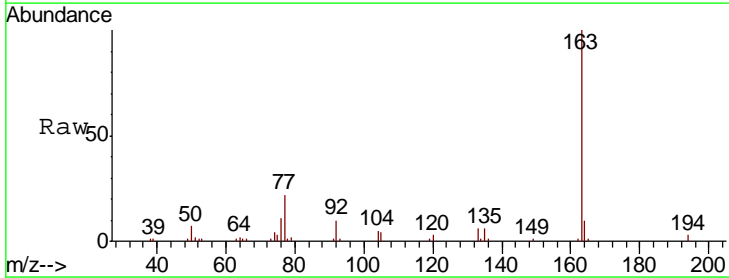
Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	22.3	18.6	27.8



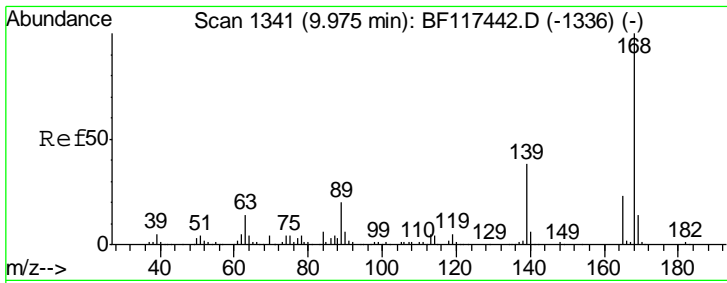
#50  
 Dimethylphthalate  
 Concen: 9.404 ng  
 RT: 9.48 min Scan# 1257  
 Delta R.T. -0.01 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

Tgt Ion:163 Resp: 59675

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	10.2	8.2	12.2



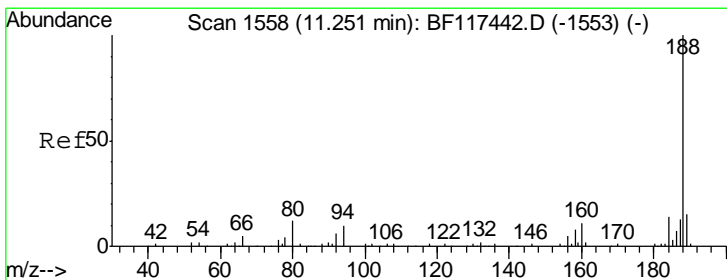
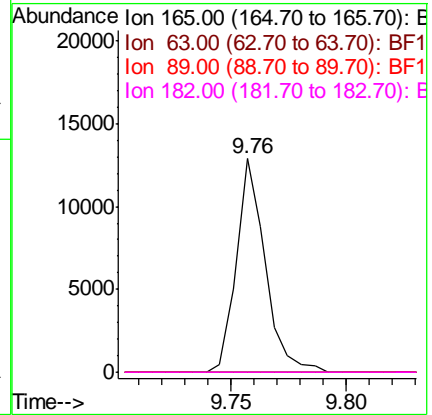
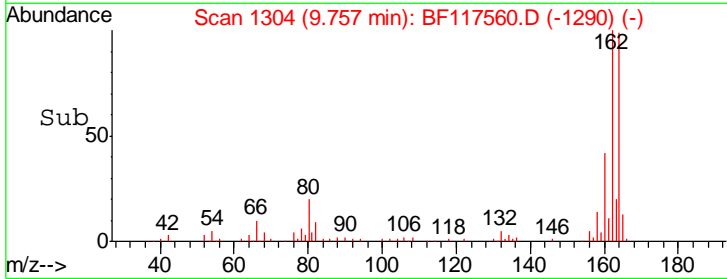
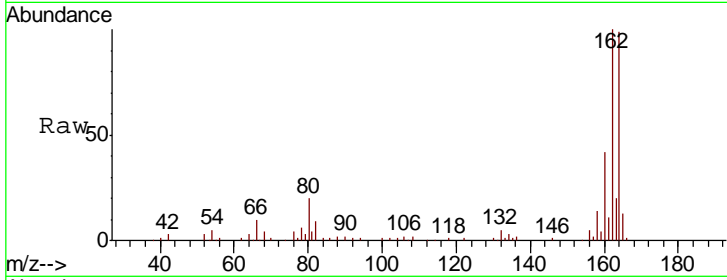




#57  
 2,4-Dinitrotoluene  
 Concen: 6.347 ng  
 RT: 9.76 min Scan# 1304  
 Delta R.T. -0.22 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

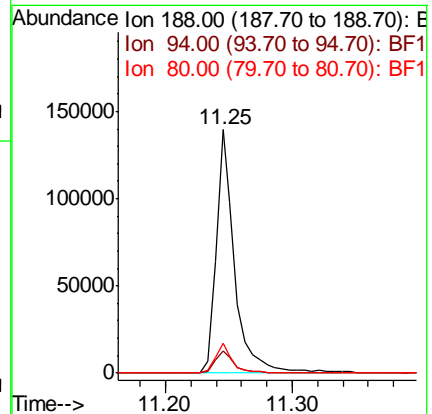
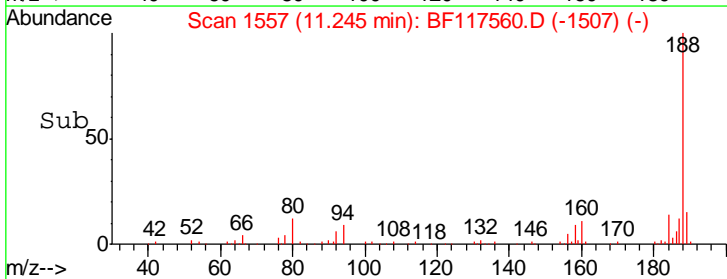
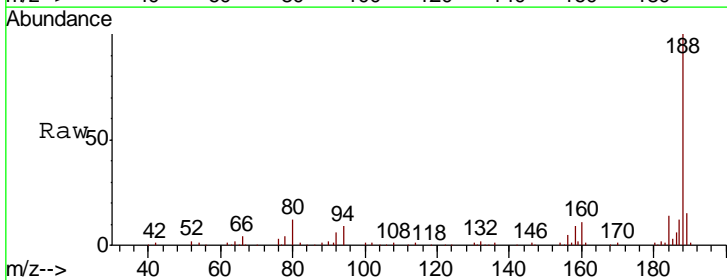
Instrument :  
 BNA\_E  
 ClientSampled :

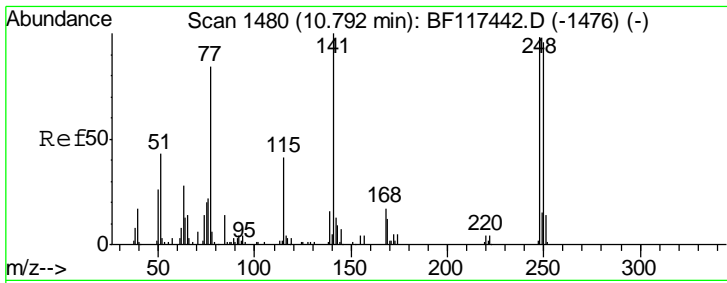
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	51.4	77.0#
89	0.0	69.9	104.9#
182	0.0	1.9	2.9#



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.25 min Scan# 1557  
 Delta R.T. -0.01 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

Tgt Ion	Resp	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	12.2	9.5	14.3

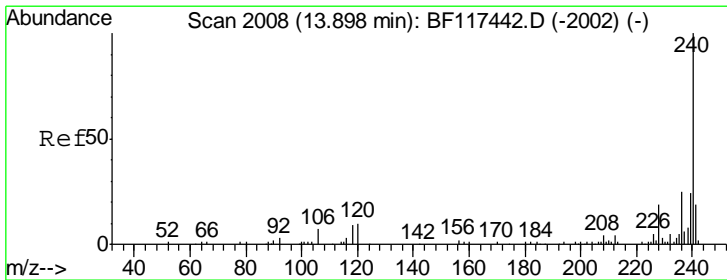
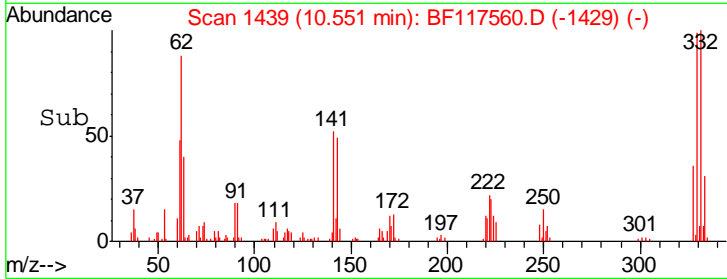
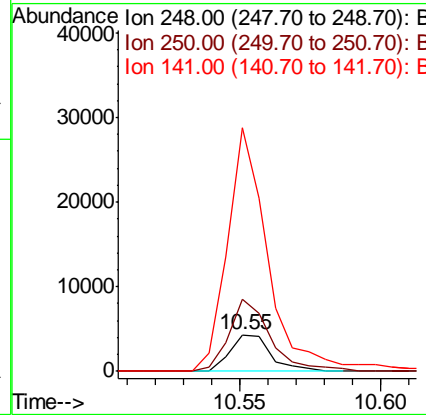
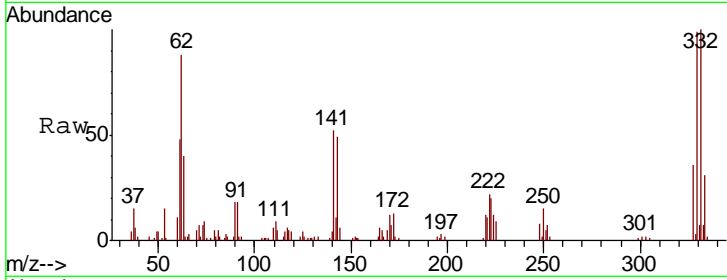




#67  
 4-Bromophenyl-phenylether  
 Concen: 2.818 ng  
 RT: 10.55 min Scan# 1439  
 Delta R.T. -0.24 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

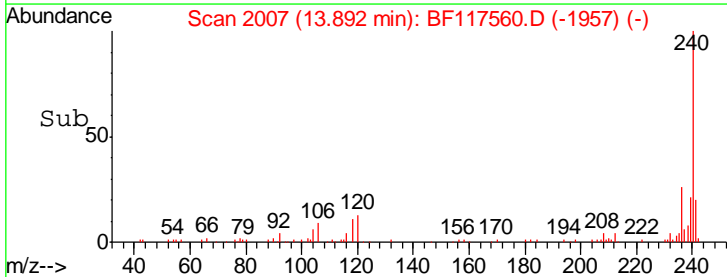
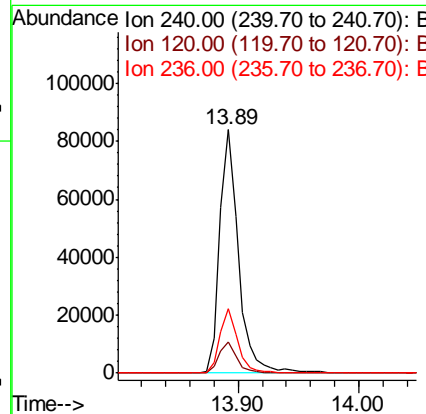
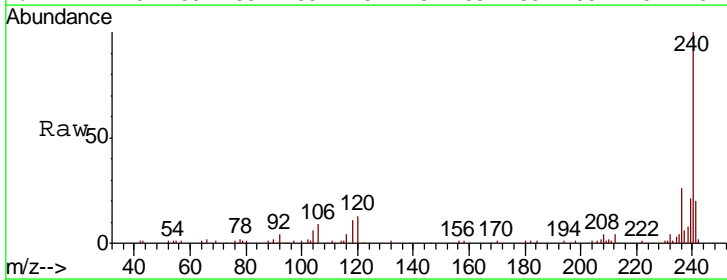
Instrument :  
 BNA\_E  
 ClientSampled :

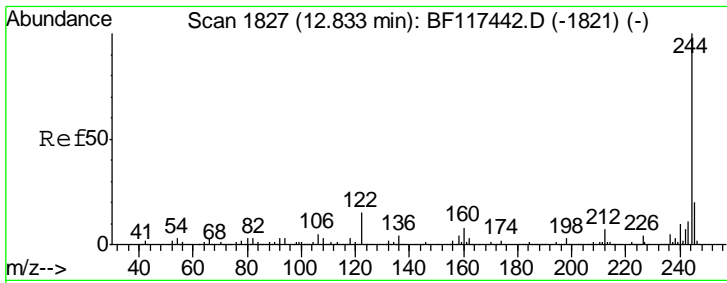
Tgt Ion	Resp	Lower	Upper
248	4332		
250	198.6	78.0	117.0#
141	667.5	81.7	122.5#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.89 min Scan# 2007  
 Delta R.T. -0.01 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

Tgt Ion	Resp	Lower	Upper
240	89499		
120	12.5	8.4	12.6
236	26.3	20.0	30.0

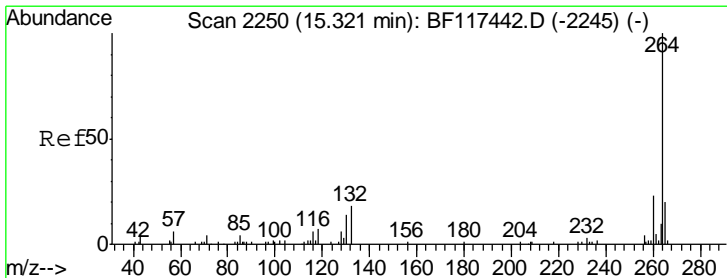
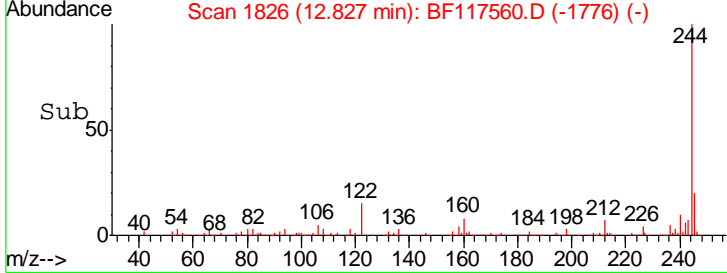
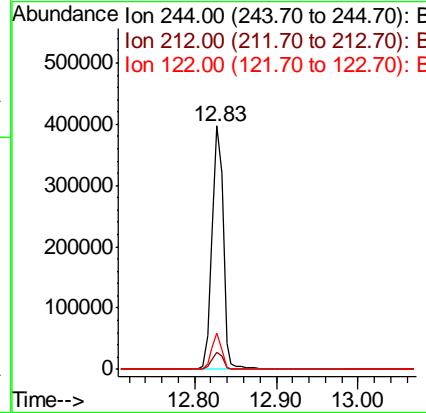
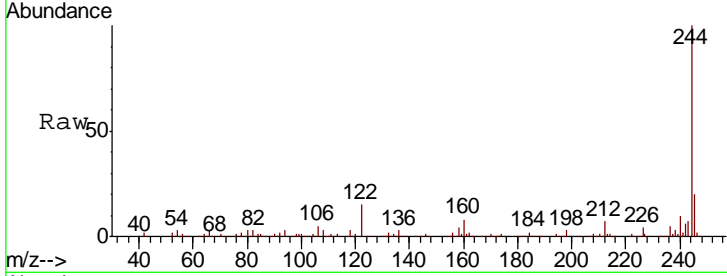




#79  
 Terphenyl-d14  
 Concen: 68.468 ng  
 RT: 12.83 min Scan# 1826  
 Delta R.T. -0.01 min  
 Lab File: BF117560.D  
 Acq: 28 Oct 2019 14:43

Instrument :  
 BNA\_E  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	14.8	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: BF117560.D  
 Acq: 28 Oct 2019 14:43

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	22.3	16.1	24.1

