

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117965.D
 Acq On : 23 Nov 2019 19:09
 Operator : JU
 Sample : K5955-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:53:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

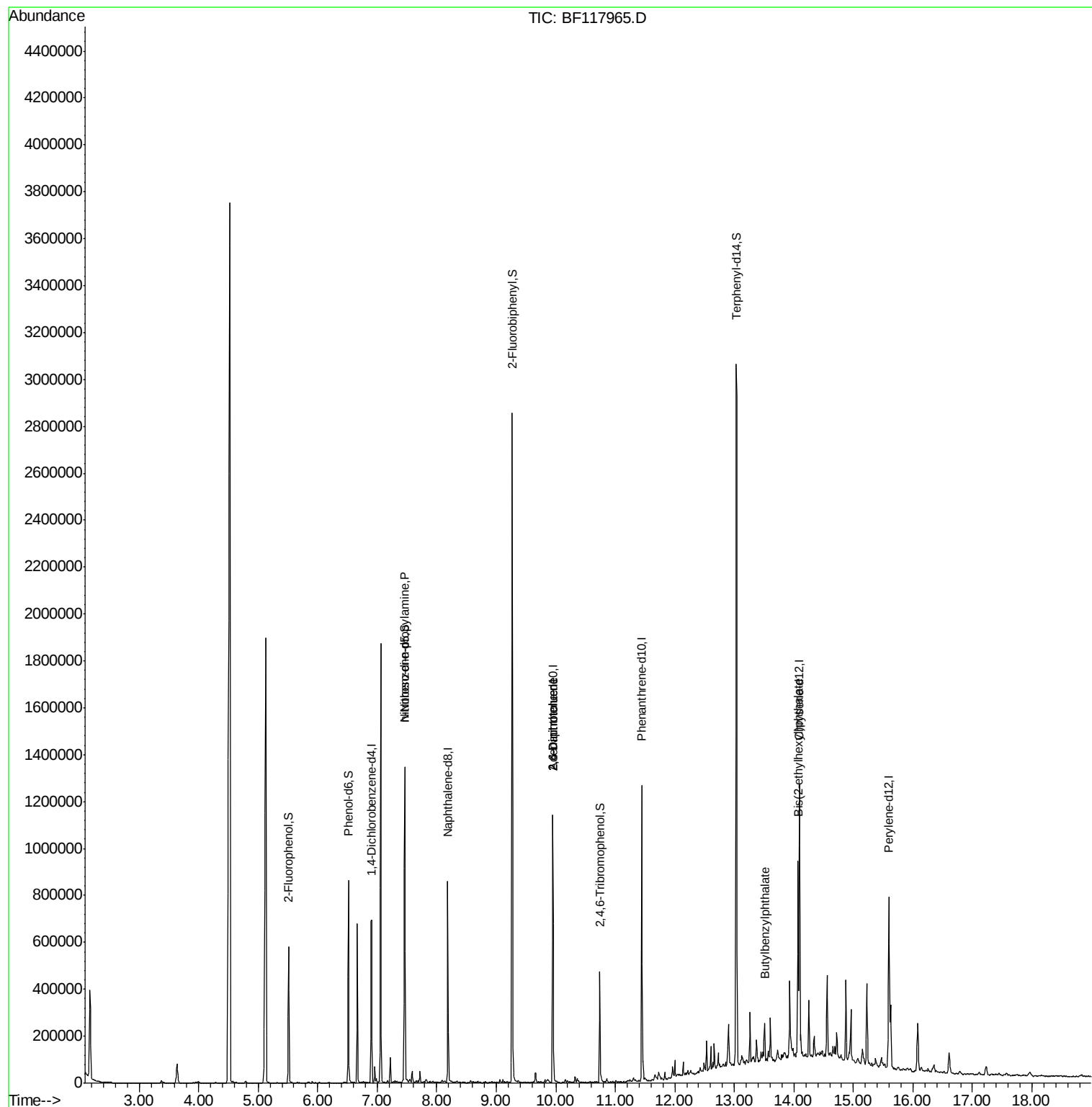
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	107834	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	425991	20.00	ng	-0.02
39) Acenaphthene-d10	9.95	164	228714	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	440838	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	350394	20.00	ng	-0.02
87) Perylene-d12	15.60	264	338287	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	150001	24.62	ng	-0.02
7) Phenol-d6	6.52	99	258431	35.17	ng	-0.03
23) Nitrobenzene-d5	7.46	82	400149	55.84	ng	-0.03
42) 2,4,6-Tribromophenol	10.74	330	56896	23.50	ng	-0.03
45) 2-Fluorobiphenyl	9.27	172	836877	65.64	ng	-0.02
79) Terphenyl-d14	13.04	244	1066982	55.65	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.52	77	188	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.46	70	54601	12.045 ng	#	74
51) 2,6-Dinitrotoluene	9.95	165	29252	8.345 ng	#	23
57) 2,4-Dinitrotoluene	9.95	165	29252	6.560 ng	#	25
75) Fluoranthene	12.66	202	43669	Below Cal		96
80) Butylbenzylphthalate	13.51	149	31024	2.551 ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	245008	16.616 ng		97

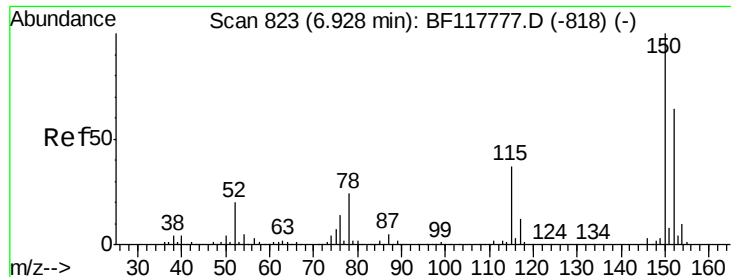
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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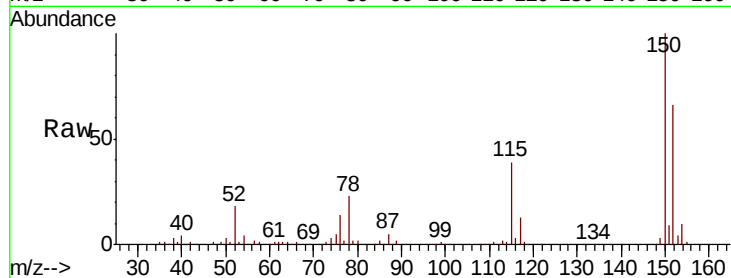


#1

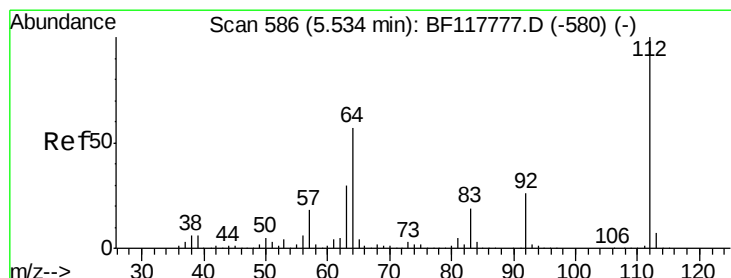
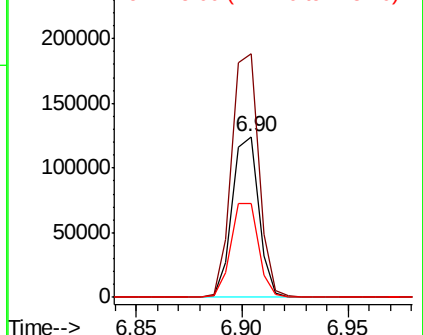
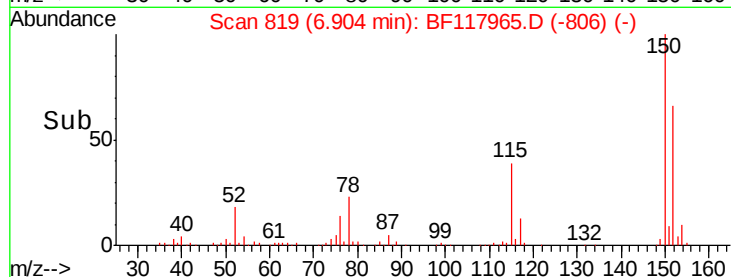
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117965.D
Acq: 23 Nov 2019 19:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 107834
Ion Ratio Lower Upper
152 100
150 151.2 125.3 187.9
115 58.5 47.0 70.4



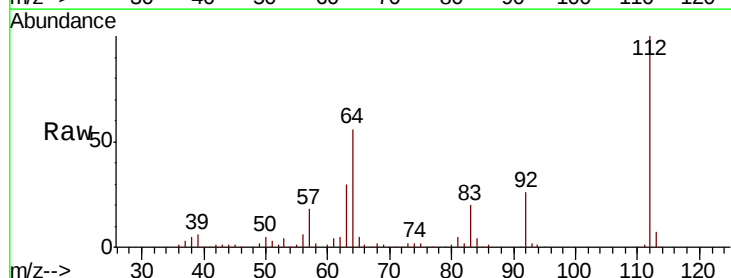
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



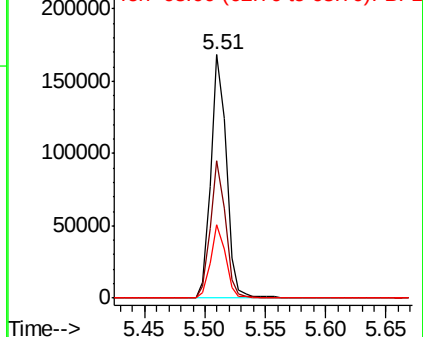
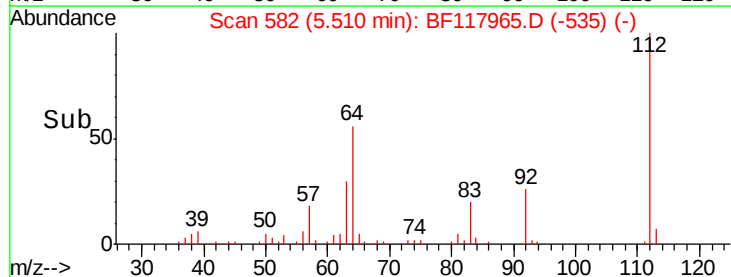
#5

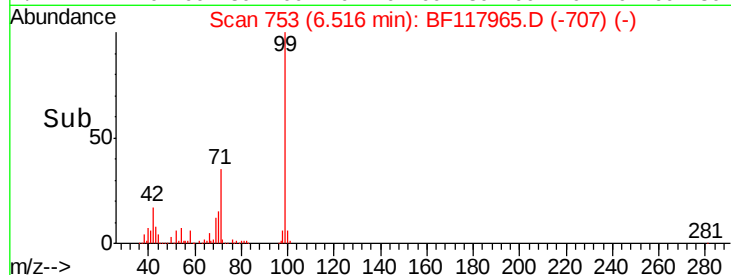
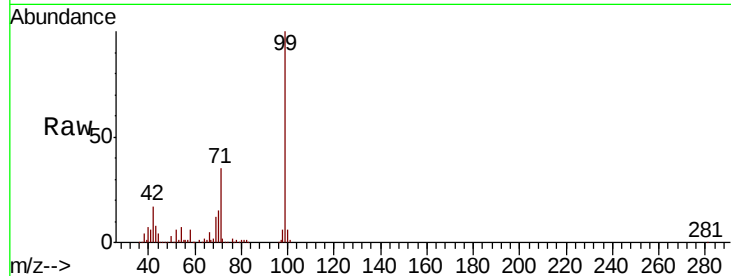
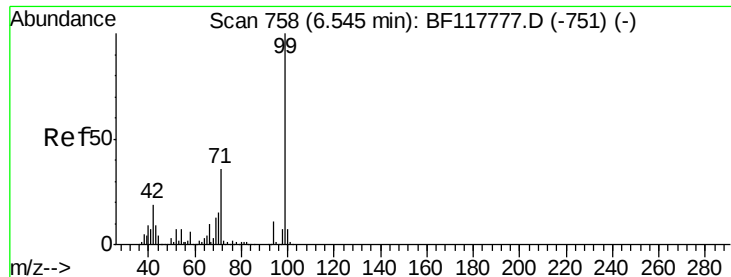
2-Fluorophenol
Concen: 24.623 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.02 min
Lab File: BF117965.D
Acq: 23 Nov 2019 19:09

Tgt Ion:112 Resp: 150001
Ion Ratio Lower Upper
112 100
64 56.2 45.6 68.4
63 29.9 24.1 36.1



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: 35.171 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF117965.D

Acq: 23 Nov 2019 19:09

Instrument :

BNA_F

ClientSampleId :

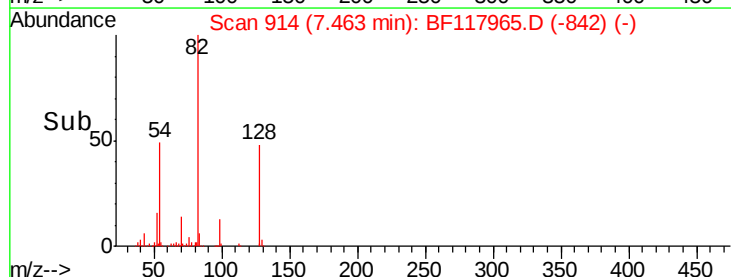
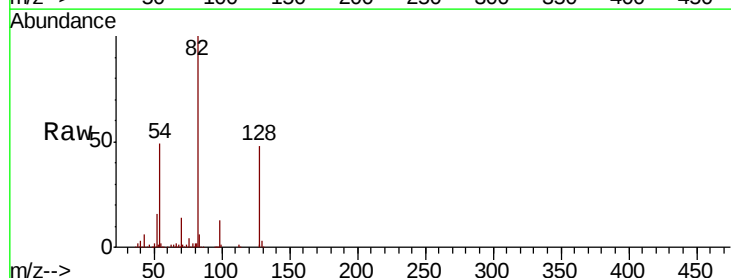
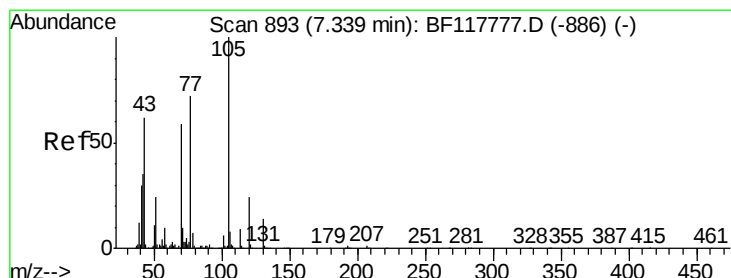
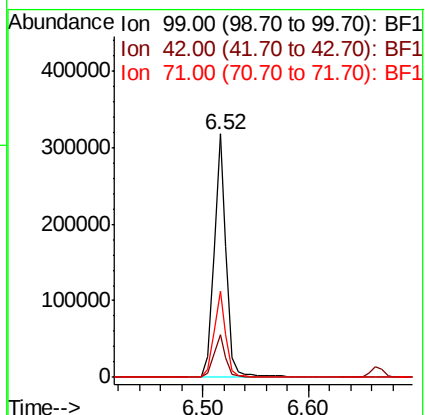
Tot Ion: 99 Resp: 258431

Ion Ratio Lower Upper

99 100

42 17.4 14.9 22.3

71 35.2 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.045 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.12 min

Lab File: BF117965.D

Acq: 23 Nov 2019 19:09

Tgt Ion: 70 Resp: 54601

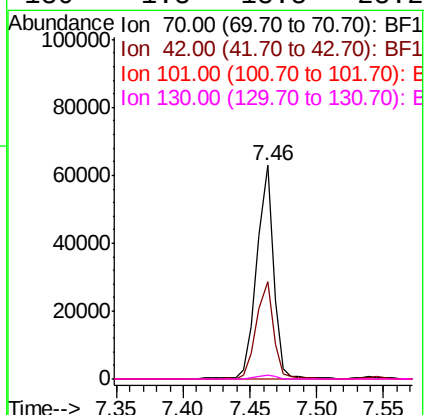
Ion Ratio Lower Upper

70 100

42 45.6 47.4 71.2#

101 0.0 8.4 12.6#

130 1.8 18.8 28.2#

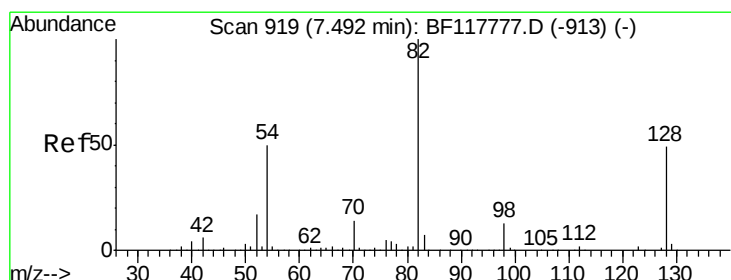
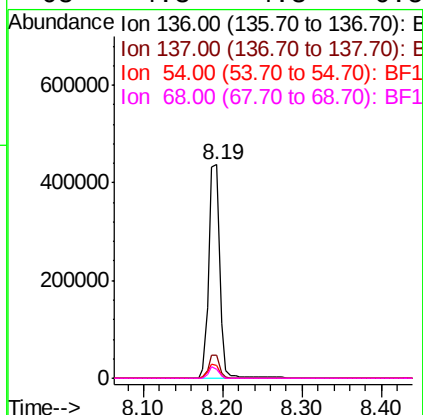
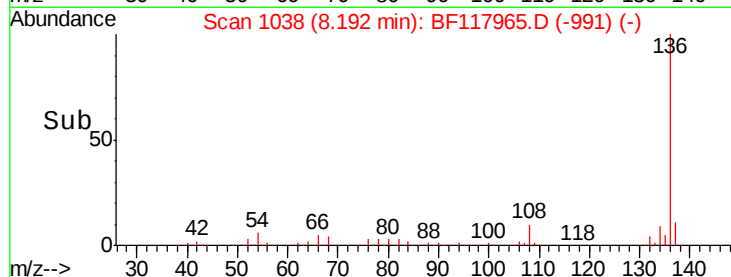
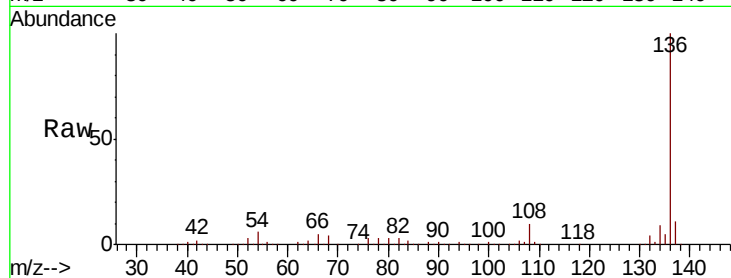




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117965.D
Acq: 23 Nov 2019 19:09

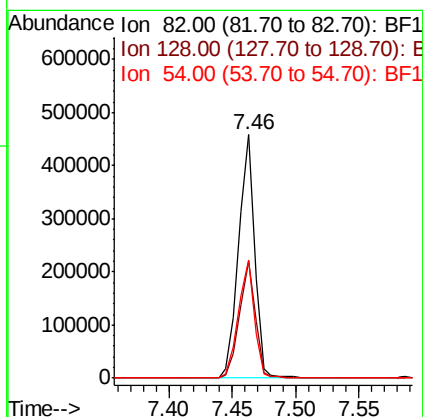
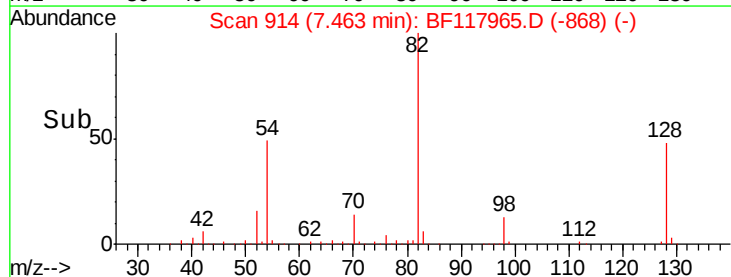
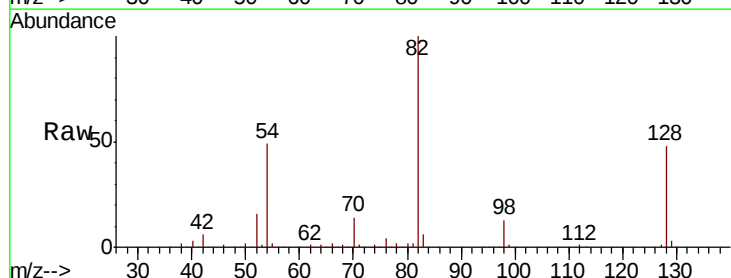
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 425991
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 5.7 5.4 8.2
68 4.3 4.3 6.5#



#23
Nitrobenzene-d5
Concen: 55.840 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117965.D
Acq: 23 Nov 2019 19:09

Tgt Ion: 82 Resp: 400149
Ion Ratio Lower Upper
82 100
128 48.1 38.9 58.3
54 48.7 39.8 59.6

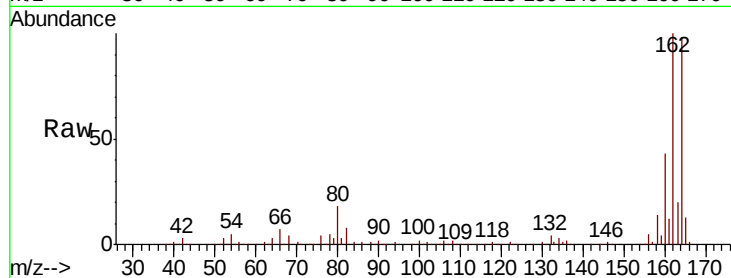




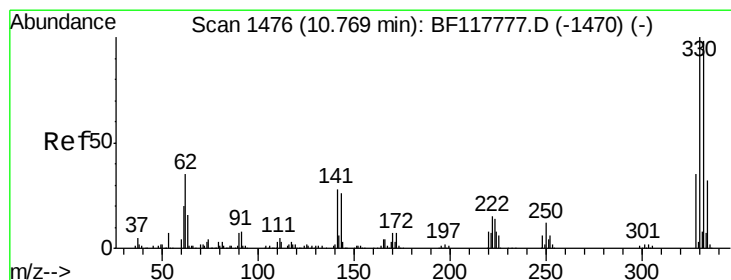
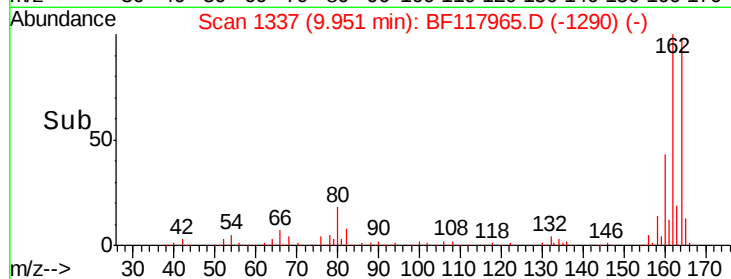
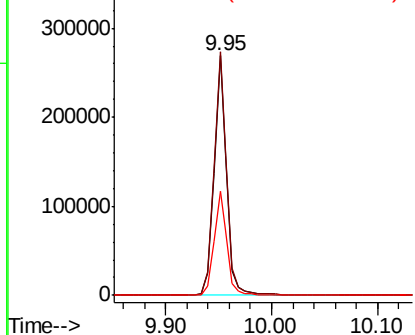
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117965.D
Acq: 23 Nov 2019 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 228714
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 43.4 36.6 55.0

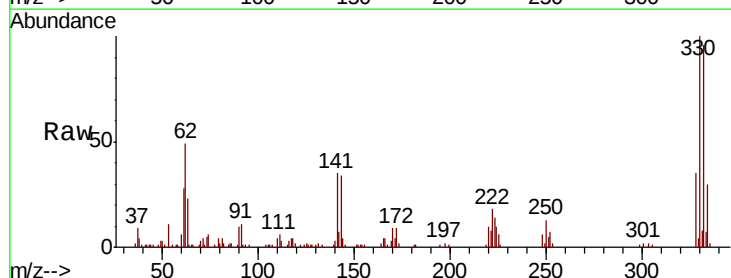


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

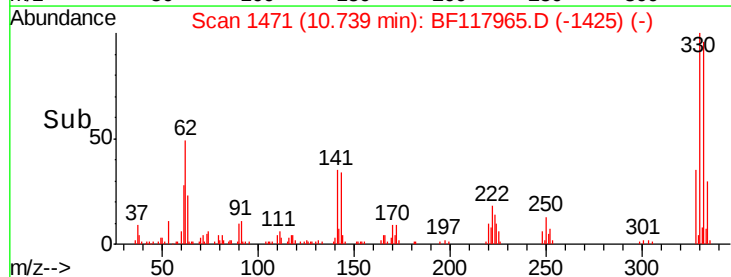
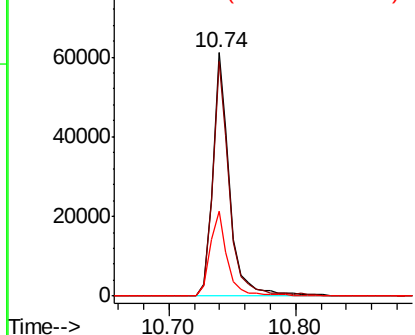


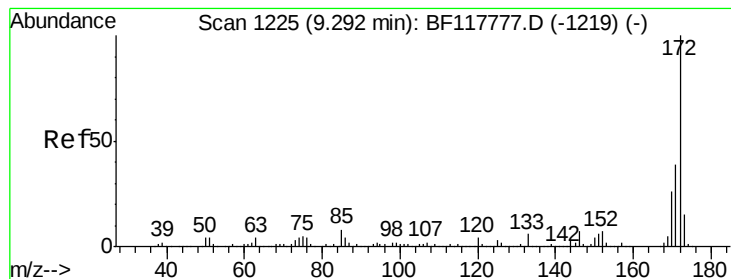
#42
2,4,6-Tribromophenol
Concen: 23.497 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.03 min
Lab File: BF117965.D
Acq: 23 Nov 2019 19:09

Tgt Ion:330 Resp: 56896
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 35.5 27.7 41.5



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

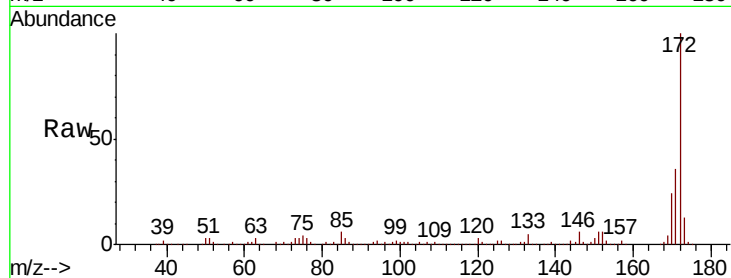




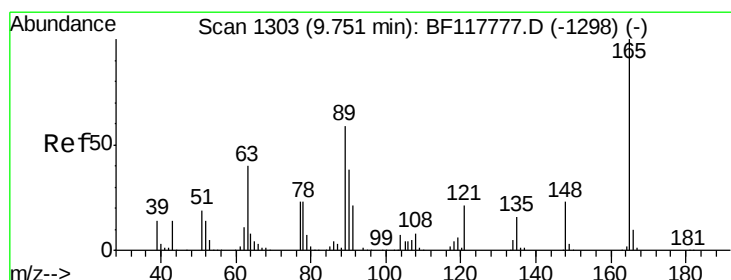
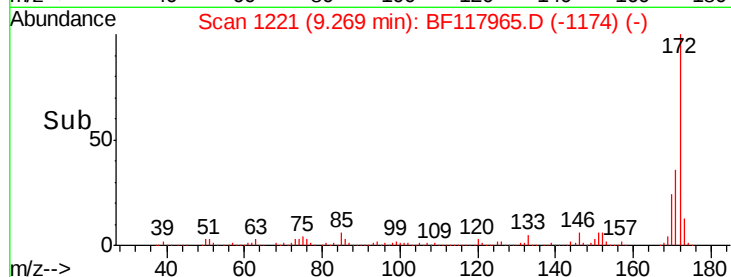
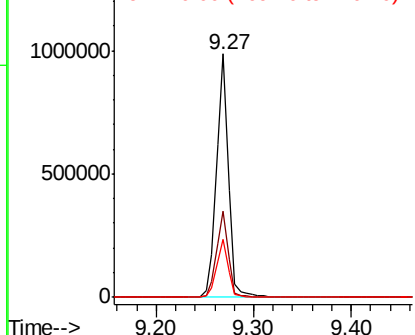
#45
 2-Fluorobiphenyl
 Concen: 65.645 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF117965.D
 Acq: 23 Nov 2019 19:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.9	46.3
170	23.7	21.0	31.4

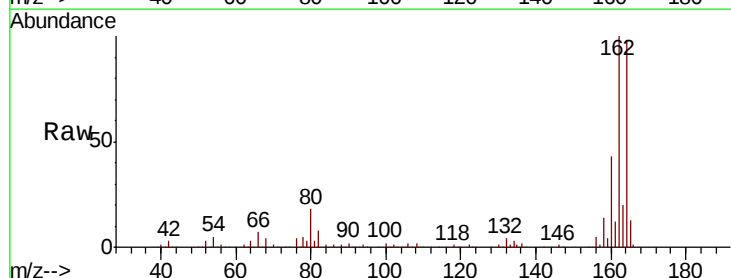


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

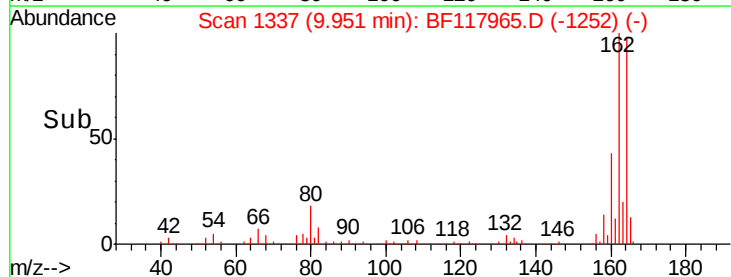
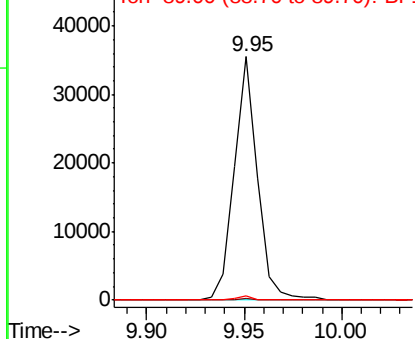


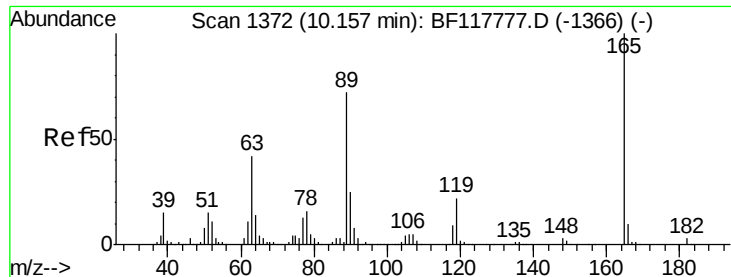
#51
 2,6-Dinitrotoluene
 Concen: 8.345 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.20 min
 Lab File: BF117965.D
 Acq: 23 Nov 2019 19:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	46.0	69.0#
89	2.0	47.7	71.5#



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

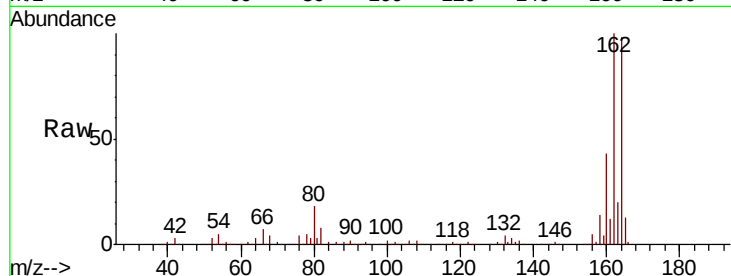




#57
2,4-Dinitrotoluene
Concen: 6.560 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.21 min
Lab File: BF117965.D
Acq: 23 Nov 2019 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.7	50.5#
89	2.0	57.3	85.9#
182	0.0	2.3	3.5#



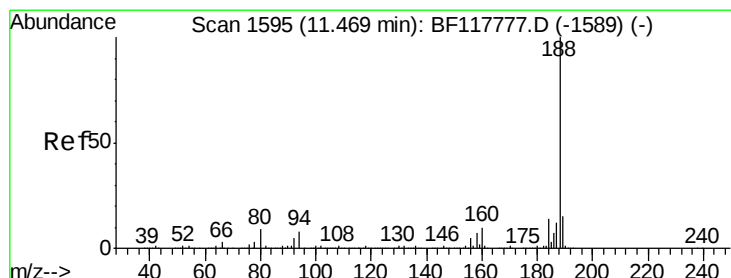
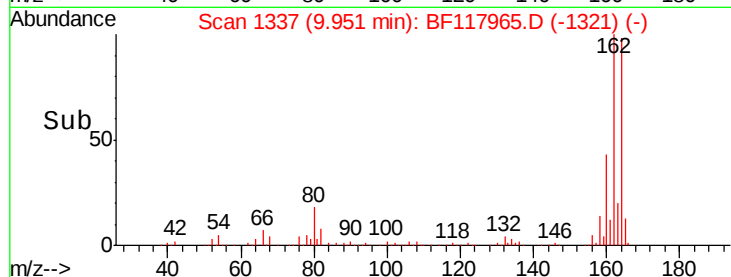
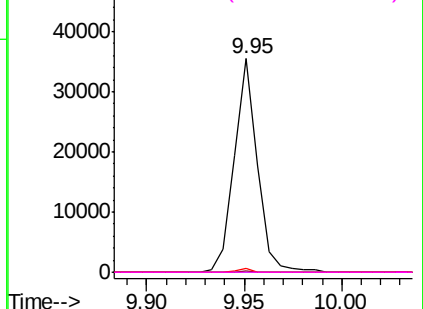
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

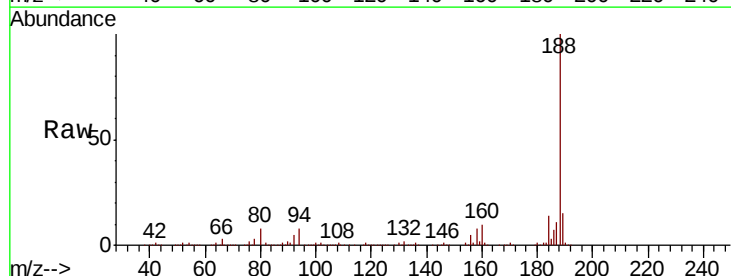
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117965.D
Acq: 23 Nov 2019 19:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.6	10.0
80	8.4	7.2	10.8

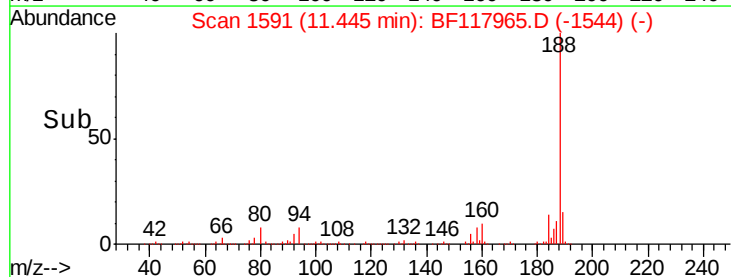
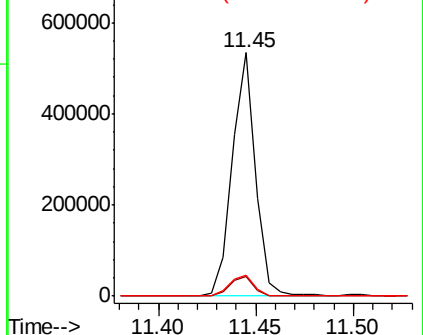


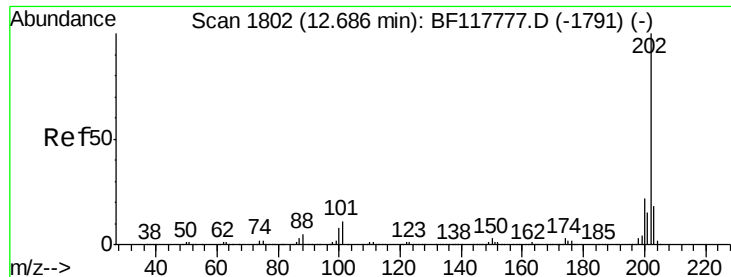
Abundance

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

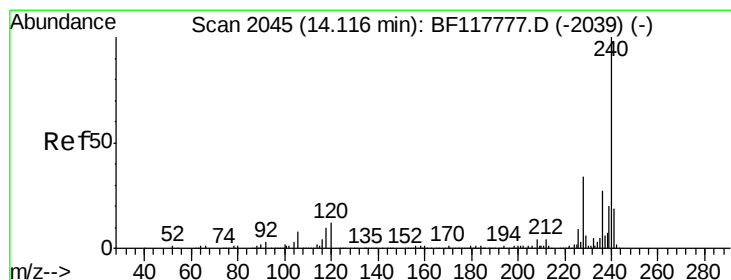
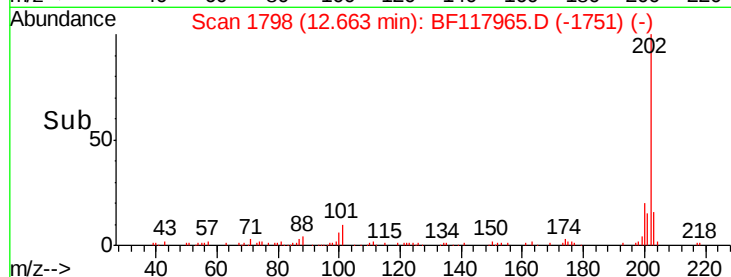
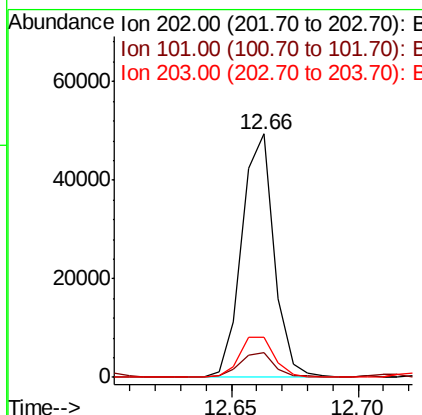
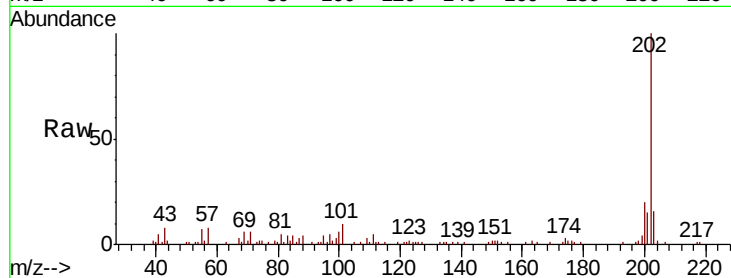




#75
Fluoranthene
Concen: Below Cal
RT: 12.66 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BF117965.D
Acq: 23 Nov 2019 19:09

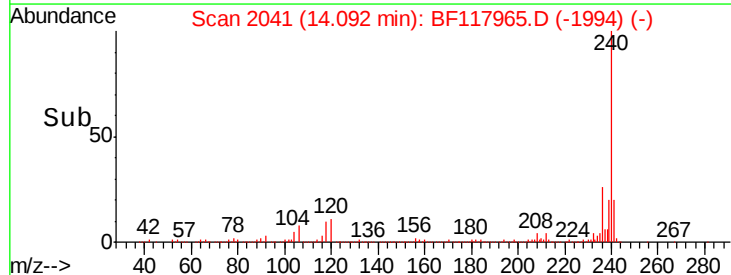
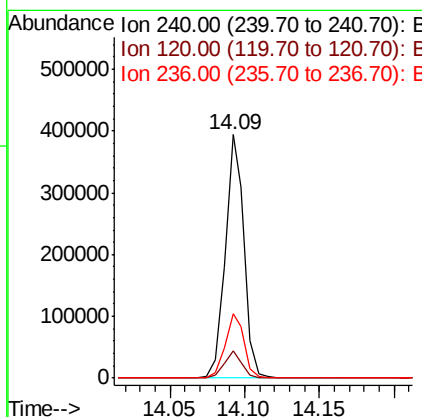
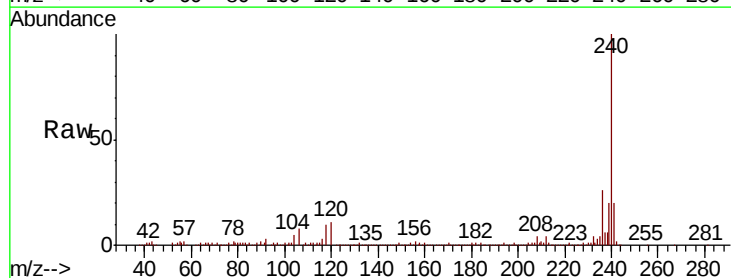
Instrument :
BNA_F
ClientSampleId :

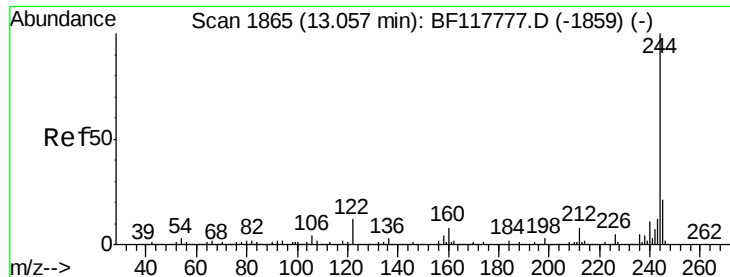
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.1
203	16.3	0.0	38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117965.D
Acq: 23 Nov 2019 19:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.5	21.3	31.9





#79

Terphenyl-d14

Concen: 55.652 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117965.D

Acq: 23 Nov 2019 19:09

Instrument :

BNA_F

ClientSampled :

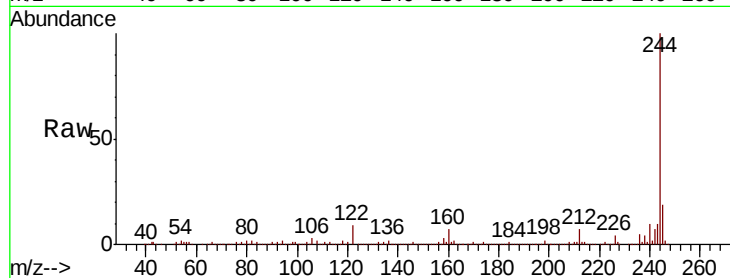
Tot Ion:244 Resp: 1066982

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

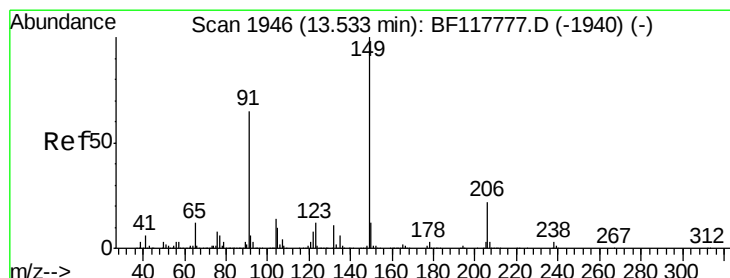
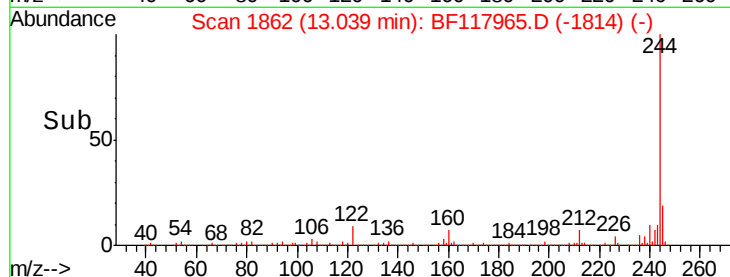
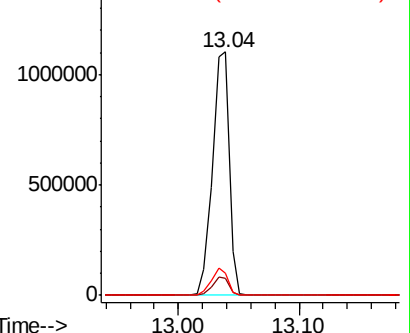
122 8.9 9.4 14.2#



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



#80

Butylbenzylphthalate

Concen: 2.551 ng

RT: 13.51 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BF117965.D

Acq: 23 Nov 2019 19:09

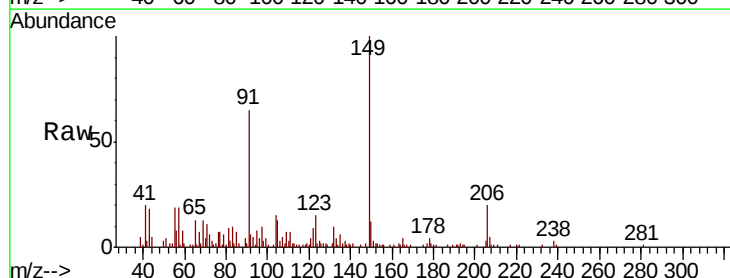
Tgt Ion:149 Resp: 31024

Ion Ratio Lower Upper

149 100

91 64.8 51.9 77.9

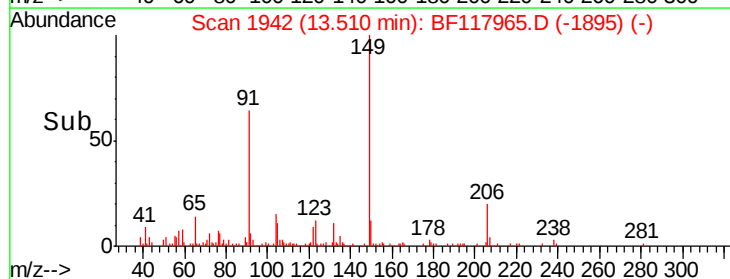
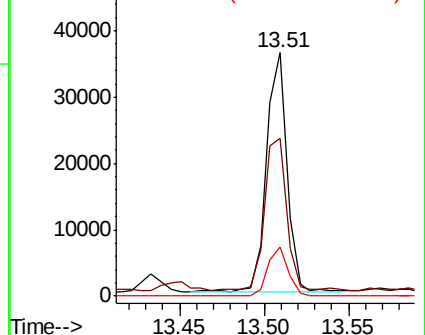
206 19.9 17.2 25.8

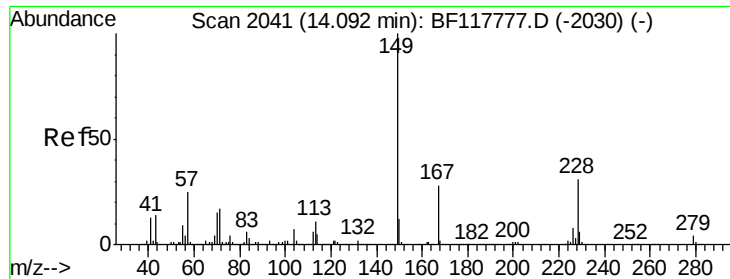


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 16.616 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BF117965.D

Acq: 23 Nov 2019 19:09

Instrument :

BNA_F

ClientSampleId :

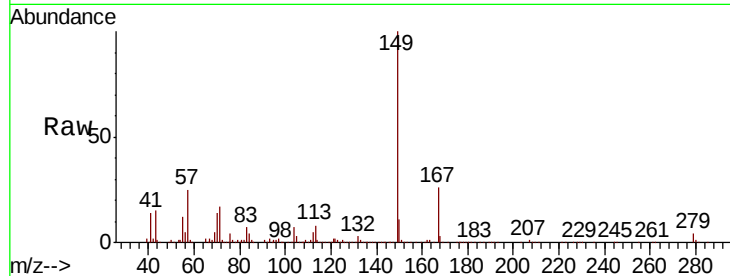
Tot Ion:149 Resp: 245008

Ion Ratio Lower Upper

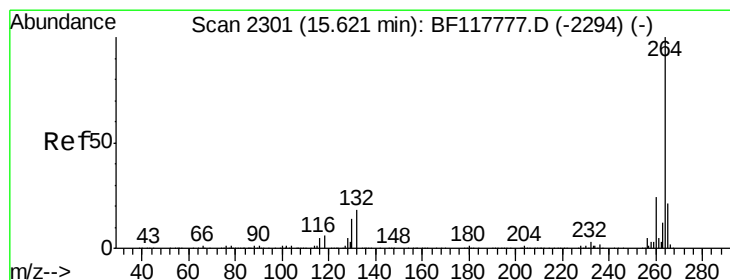
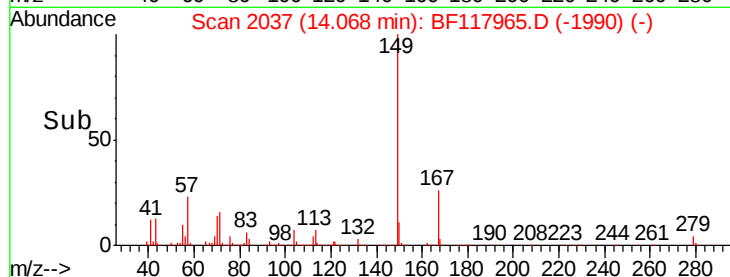
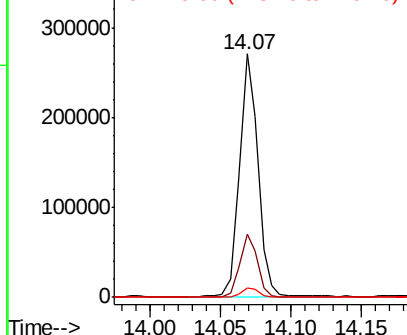
149 100

167 26.0 22.2 33.2

279 3.7 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BF117965.D

Acq: 23 Nov 2019 19:09

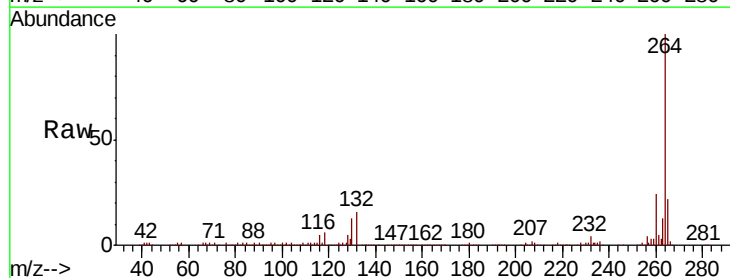
Tgt Ion:264 Resp: 338287

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 21.7 17.1 25.7



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

