

Data File : BF100012.D
Acq On : 31 Oct 2017 19:16
Operator : SJ/JU
Sample : I6178-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)

Quant Time: Nov 01 08:15:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	81393	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	341725	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	157981	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	273765	20.00	ng	0.00
75) Chrysene-d12	13.97	240	162110	20.00	ng	-0.01
86) Perylene-d12	15.46	264	143579	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	533051	102.82	ng	0.00
7) Phenol-d6	6.43	99	636437	103.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	357373	67.33	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	145834	101.29	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	711268	69.46	ng	0.00
78) Terphenyl-d14	12.90	244	525018	70.78	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	9382	2.55	ng	89
10) Phenol	6.45	94	47975	7.11	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	44436	12.34	ng	# 71
25) Isophorone	7.36	82	357373	37.10	ng	# 64
49) Dimethylphthalate	9.54	163	215781	17.25	ng	100
56) 2,4-Dinitrotoluene	9.82	165	19472	6.15	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	9718	3.37	ng	# 1

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

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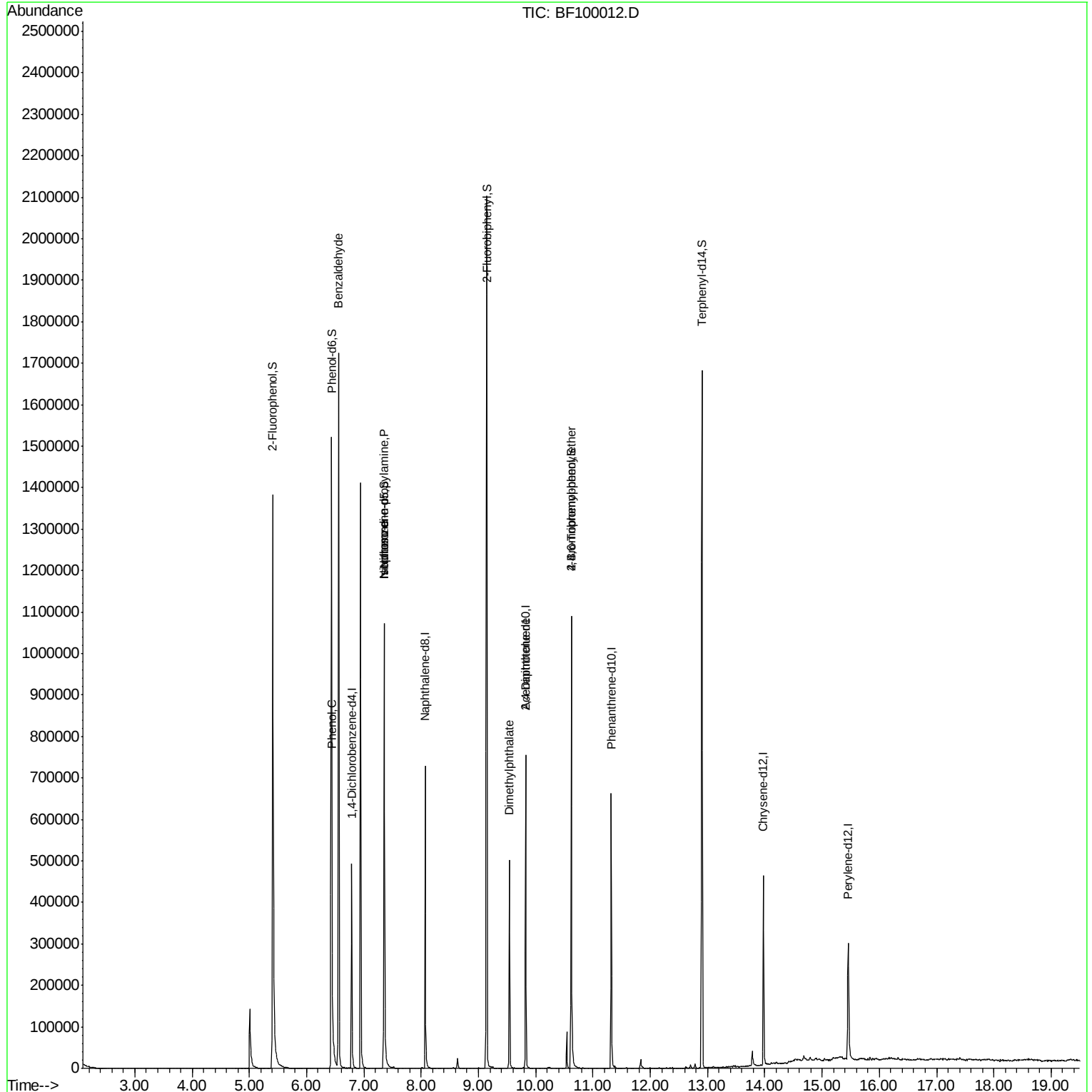
Quant Time: Nov 01 08:15:29 2017

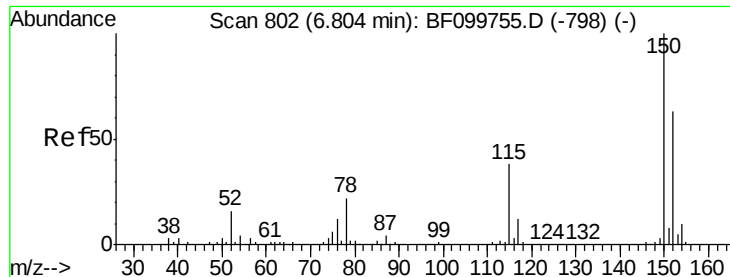
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration

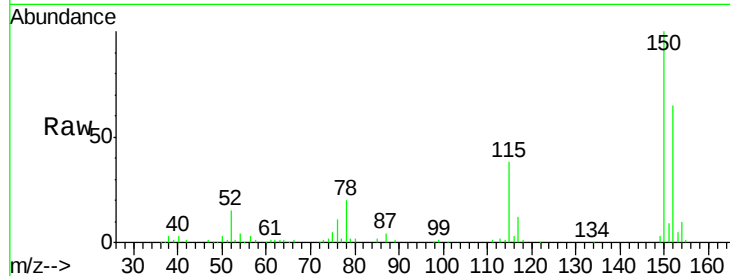




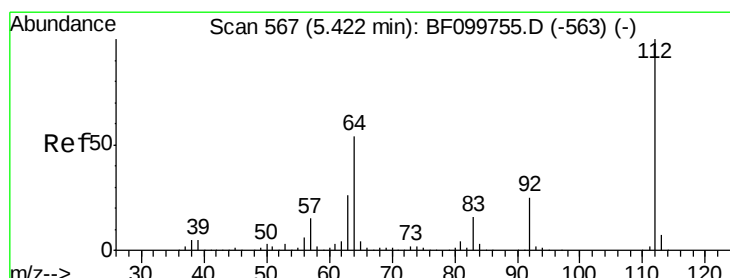
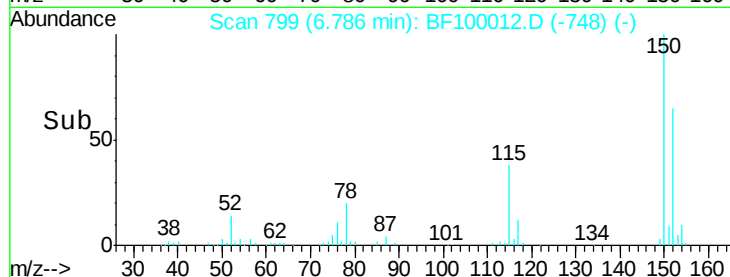
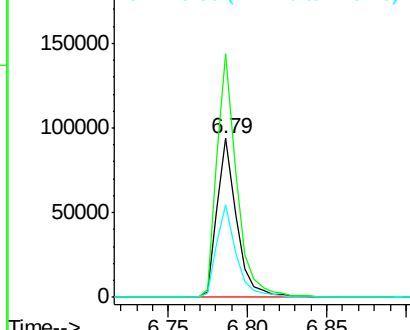
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100012.D
 Acq: 31 Oct 2017 19:16

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)

Tgt Ion:152 Resp: 81393
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.6 186.8
 115 58.3 50.1 75.1

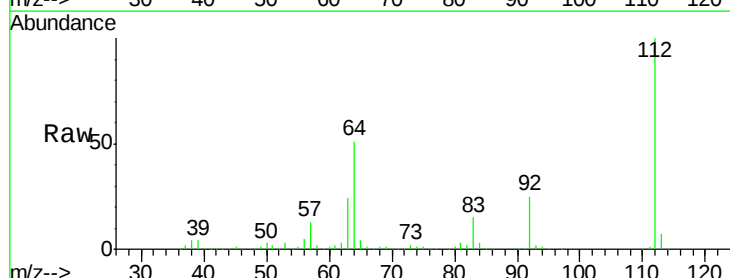


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

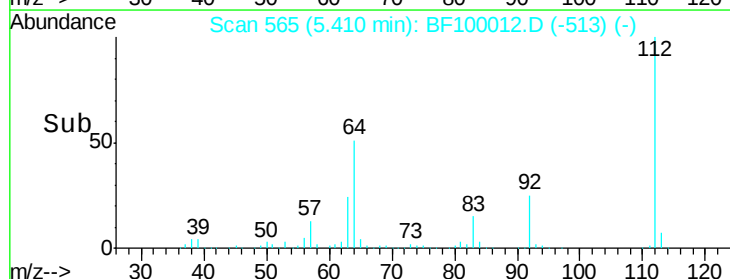
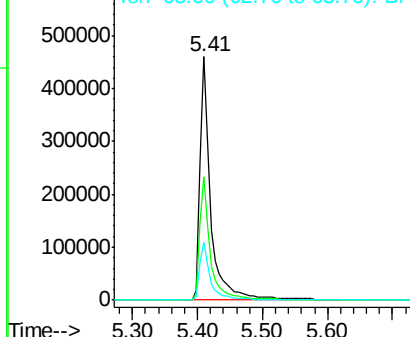


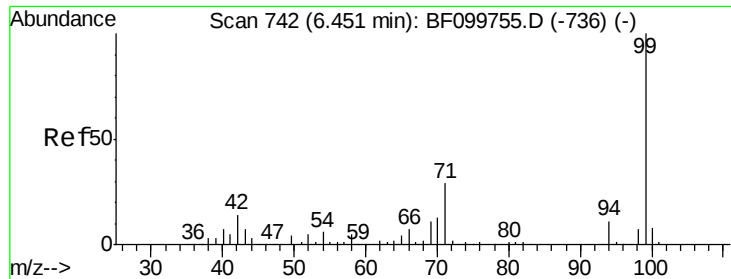
#5
 2-Fluorophenol
 Concen: 102.82 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF100012.D
 Acq: 31 Oct 2017 19:16

Tgt Ion:112 Resp: 533051
 Ion Ratio Lower Upper
 112 100
 64 50.5 47.9 71.9
 63 23.8 23.7 35.5



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: 103.53 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100012.D

Acq: 31 Oct 2017 19:16

Instrument :

BNA_F

ClientSampleId :

EPE-120-3(20-22)

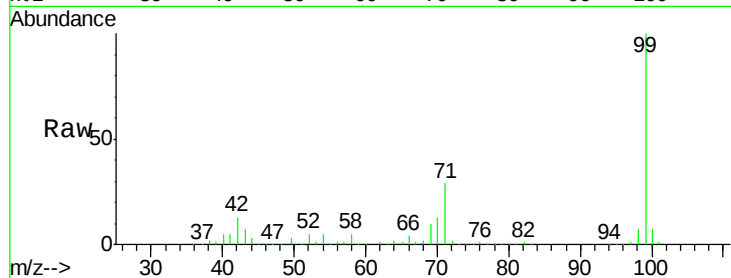
Tgt Ion: 99 Resp: 636437

Ion Ratio Lower Upper

99 100

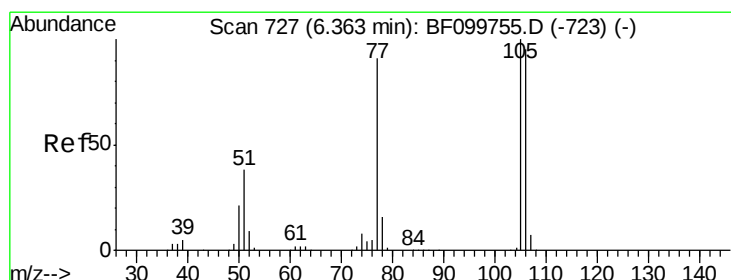
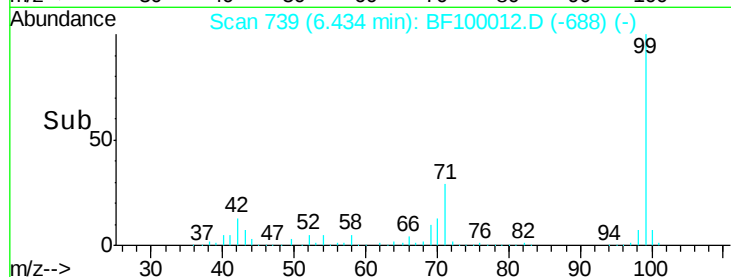
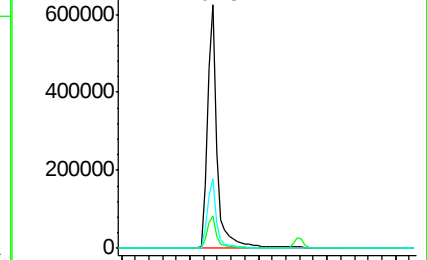
42 13.1 14.5 21.7#

71 28.6 25.4 38.0



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

6.43



#9

Benzaldehyde

Concen: 2.55 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF100012.D

Acq: 31 Oct 2017 19:16

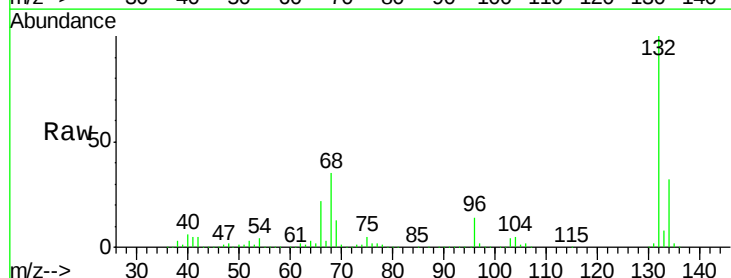
Tgt Ion: 77 Resp: 9382

Ion Ratio Lower Upper

77 100

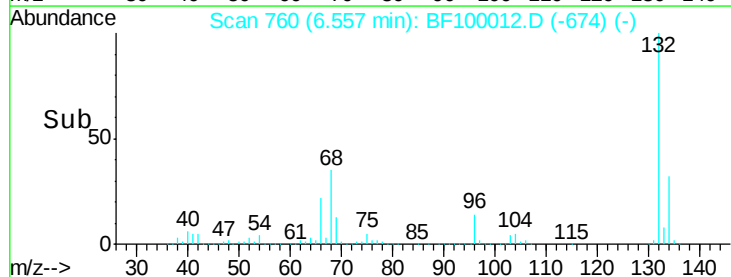
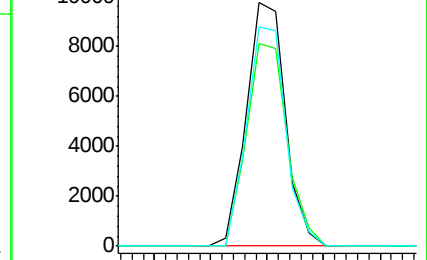
105 83.2 81.1 121.1

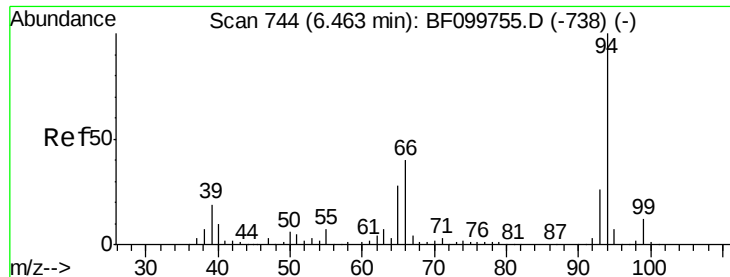
106 90.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

6.56





#10

Phenol

Concen: 7.11 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF100012.D

Acq: 31 Oct 2017 19:16

Instrument :

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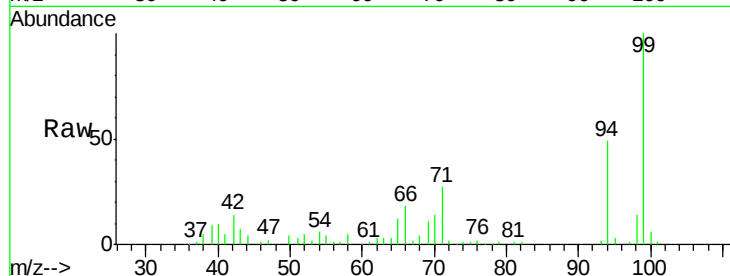
Tgt Ion: 94 Resp: 47975

Ion Ratio Lower Upper

94 100

65 25.2 7.9 47.9

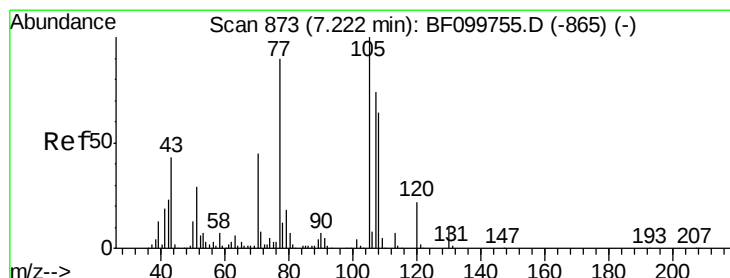
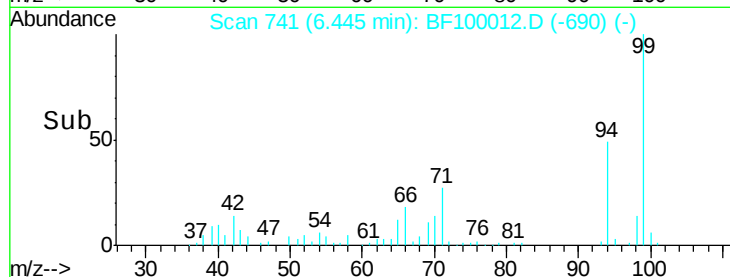
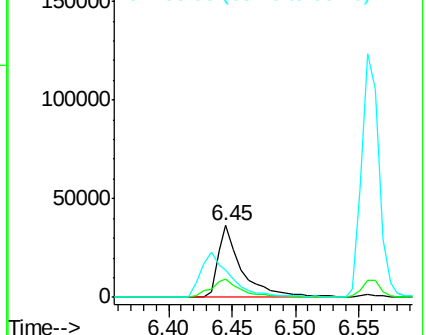
66 38.0 16.2 56.2



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: 12.34 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF100012.D

Acq: 31 Oct 2017 19:16

Tgt Ion: 70 Resp: 44436

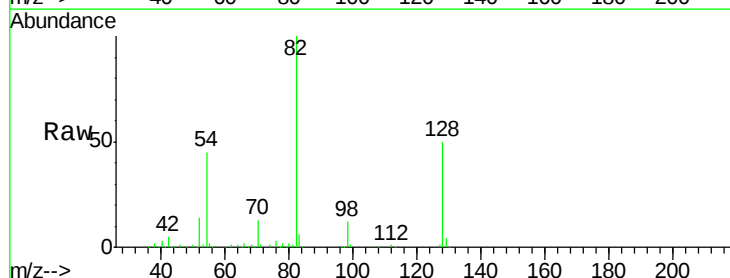
Ion Ratio Lower Upper

70 100

42 40.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

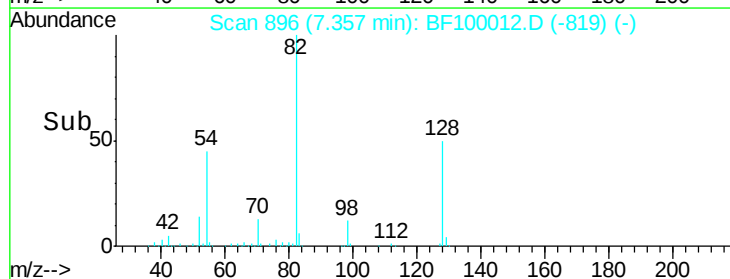
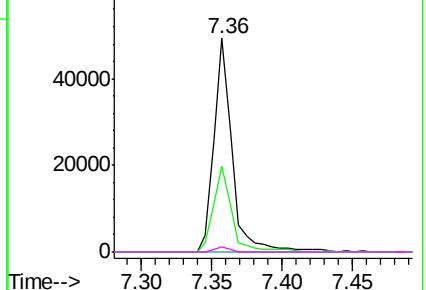


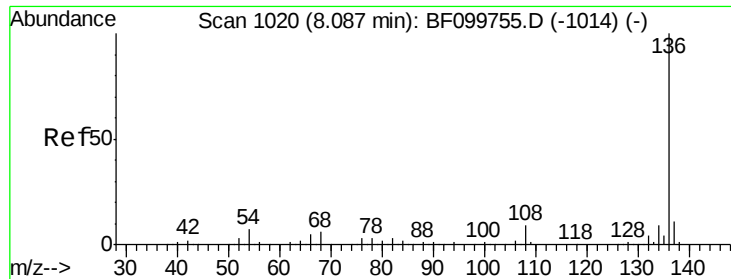
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

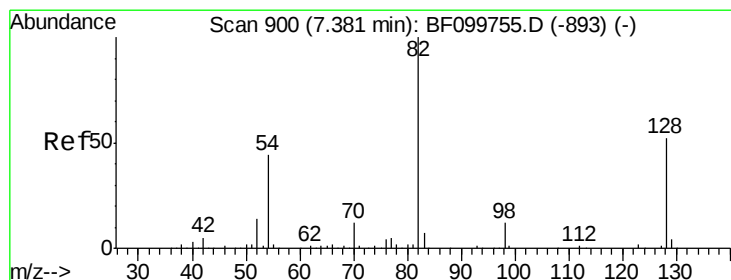
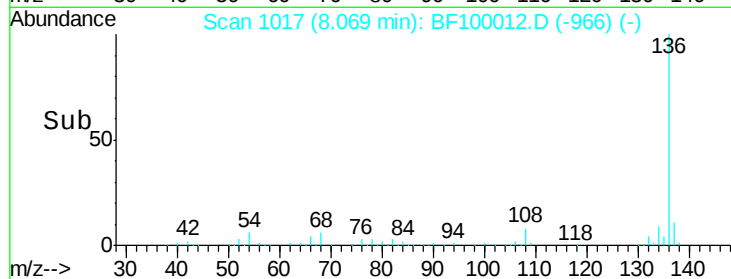
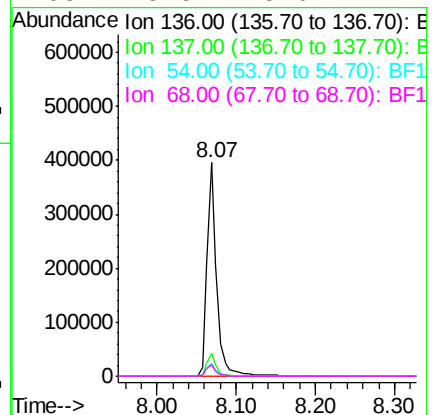
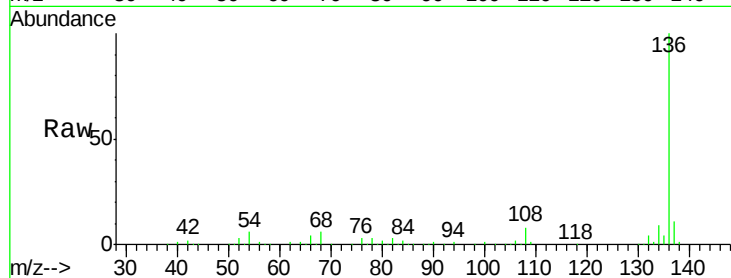




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100012.D
Acq: 31 Oct 2017 19:16

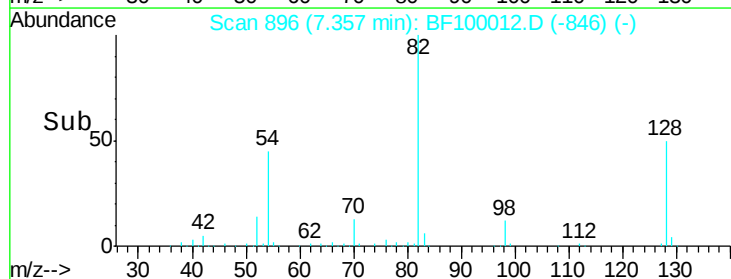
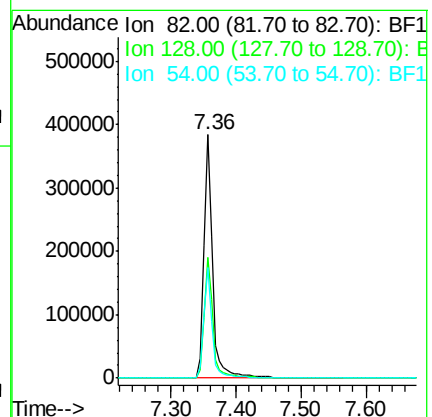
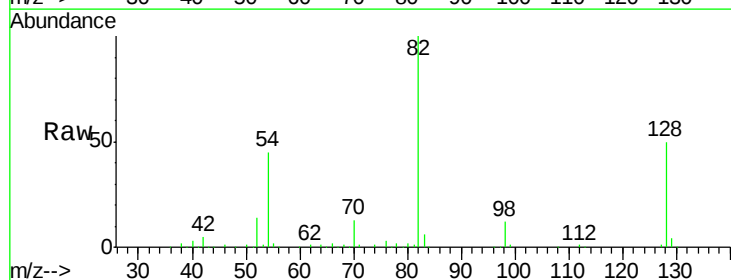
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EPE-120-3(20-22)

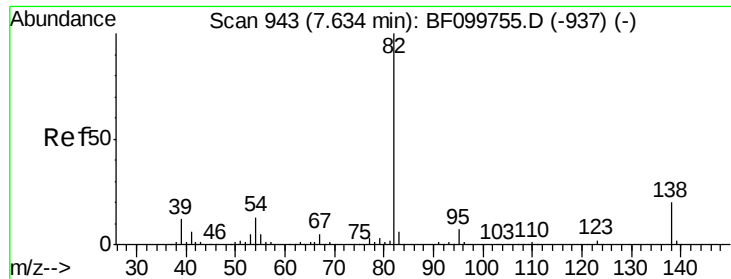
Tgt Ion:	136	Resp:	341725
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 67.33 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100012.D
Acq: 31 Oct 2017 19:16

Tgt Ion:	82	Resp:	357373
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	45.3	41.4	62.2

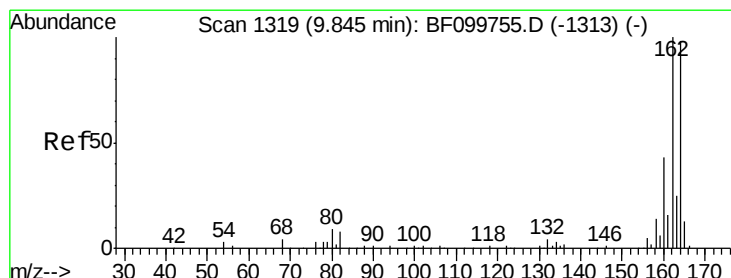
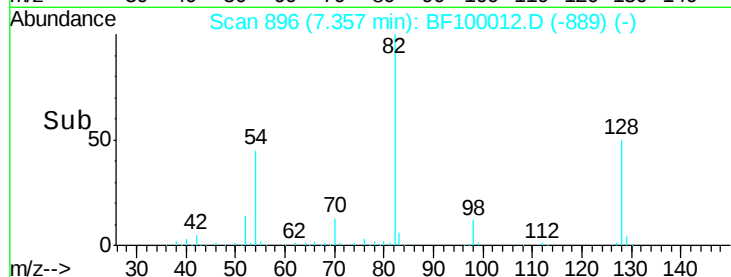
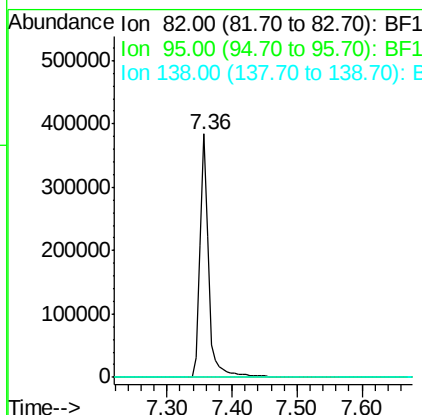
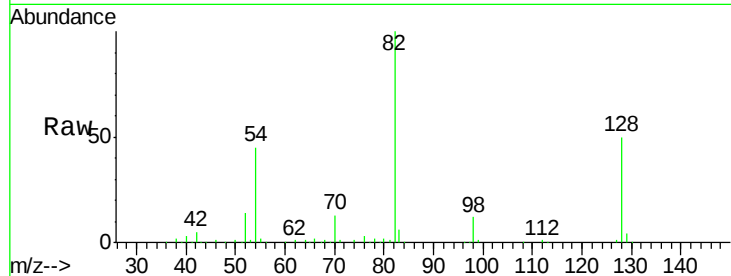




#25
Isophorone
Concen: 37.10 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF100012.D
Acq: 31 Oct 2017 19:16

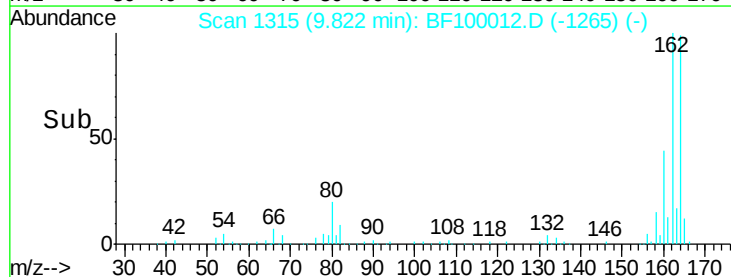
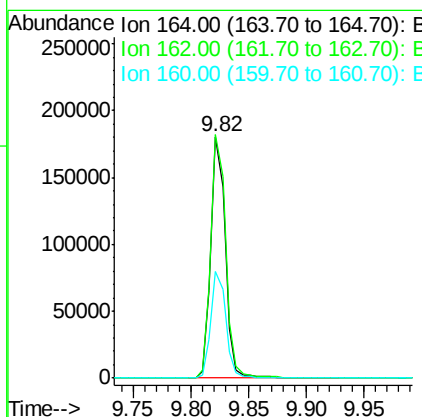
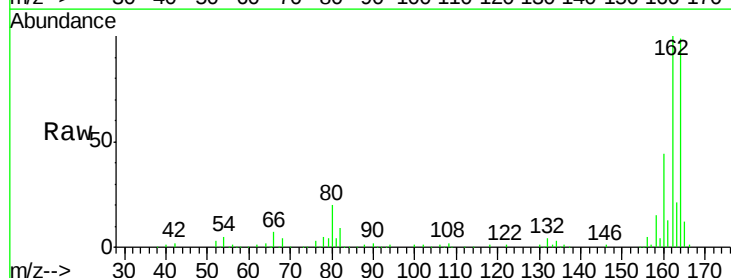
Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)

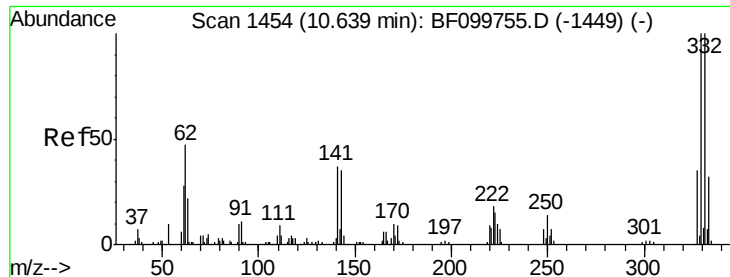
Tgt Ion: 82 Resp: 357373
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100012.D
Acq: 31 Oct 2017 19:16

Tgt Ion: 164 Resp: 157981
Ion Ratio Lower Upper
164 100
162 100.9 86.1 129.1
160 44.3 38.3 57.5

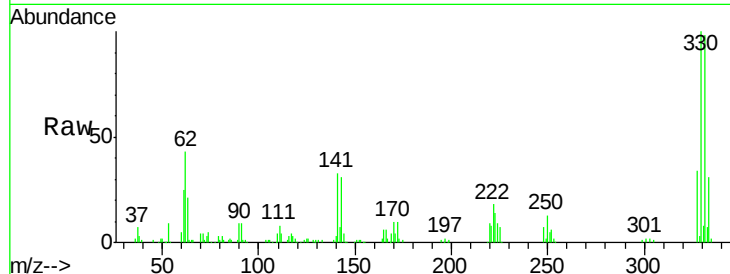




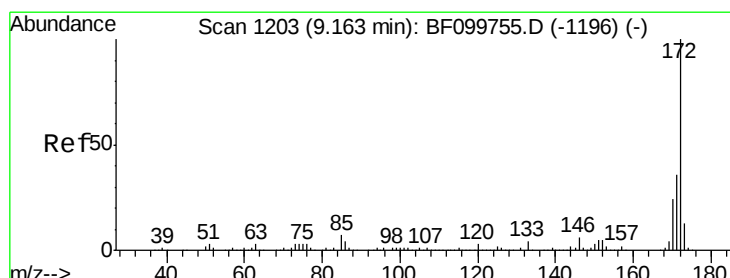
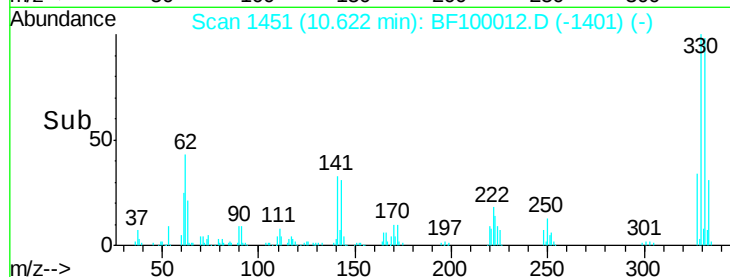
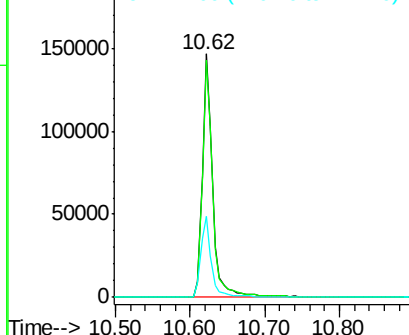
#41
 2,4,6-Tribromophenol
 Concen: 101.29 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100012.D
 Acq: 31 Oct 2017 19:16

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	33.9	29.9	44.9

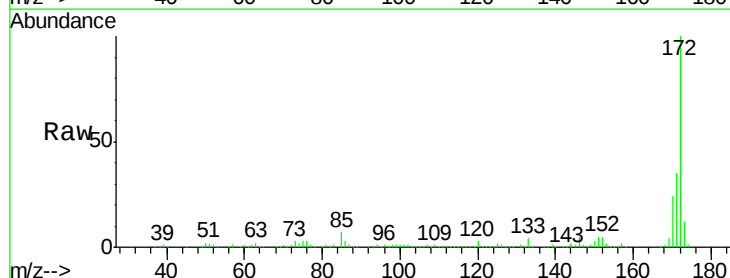


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

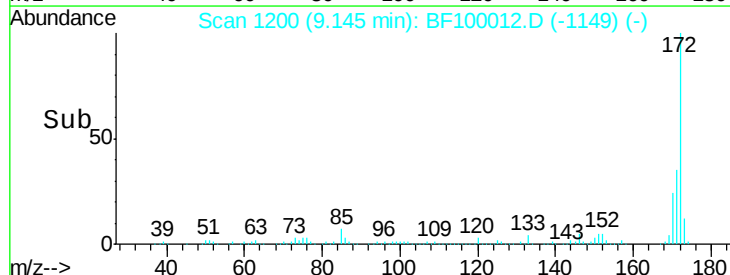
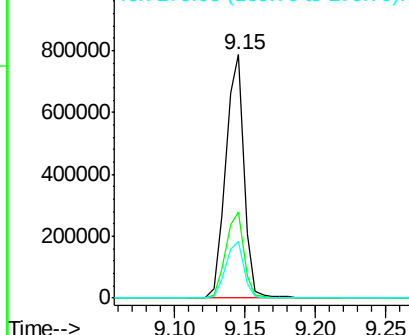


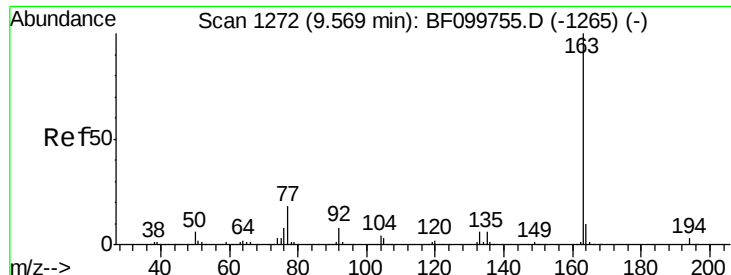
#44
 2-Fluorobiphenyl
 Concen: 69.46 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100012.D
 Acq: 31 Oct 2017 19:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.6	19.6	29.4



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

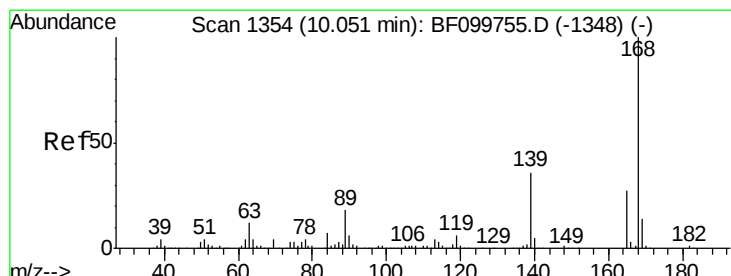
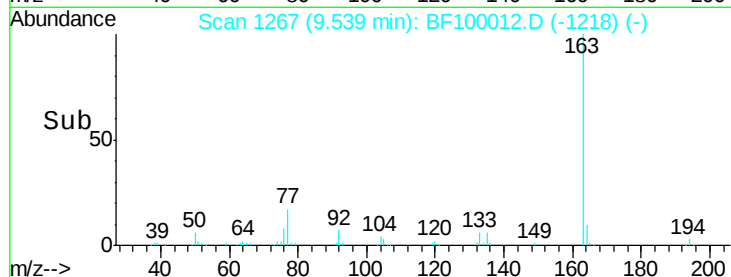
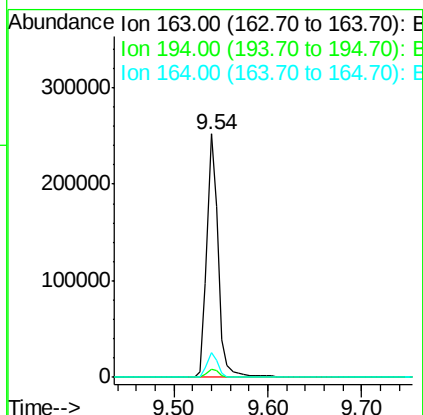
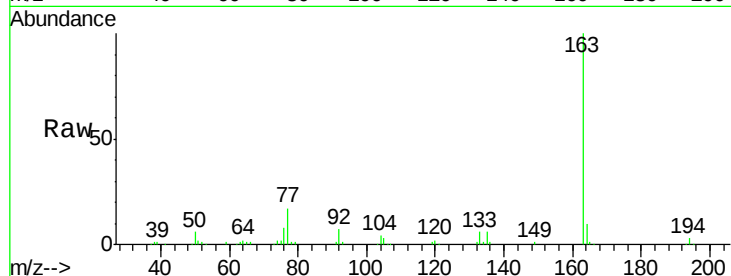




#49
Dimethylphthalate
Concen: 17.25 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF100012.D
Acq: 31 Oct 2017 19:16

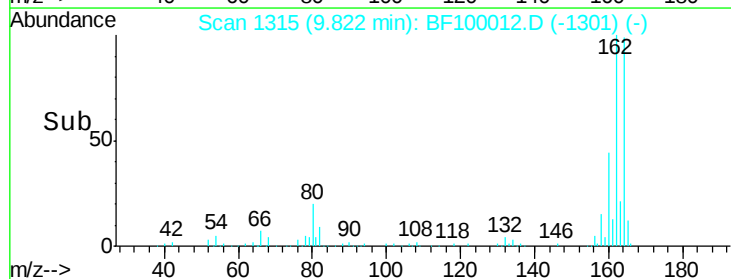
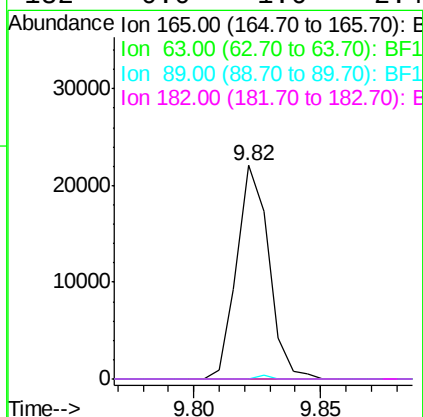
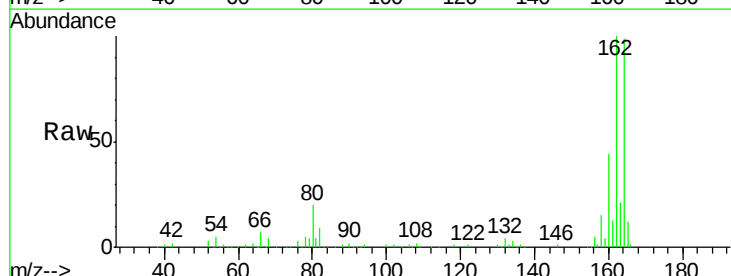
Instrument :
BNA_F
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EPE-120-3(20-22)

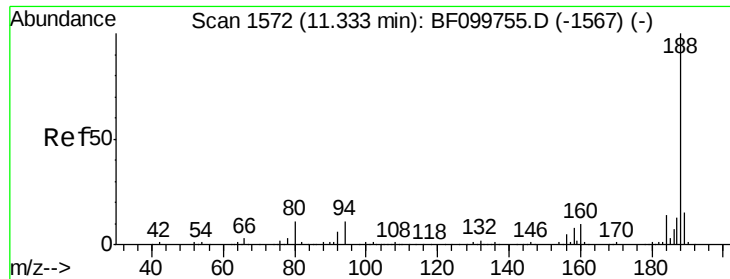
Tgt Ion:163 Resp: 215781
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF100012.D
Acq: 31 Oct 2017 19:16

Tgt Ion:165 Resp: 19472
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

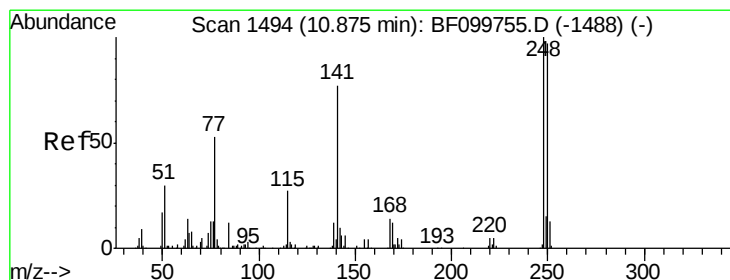
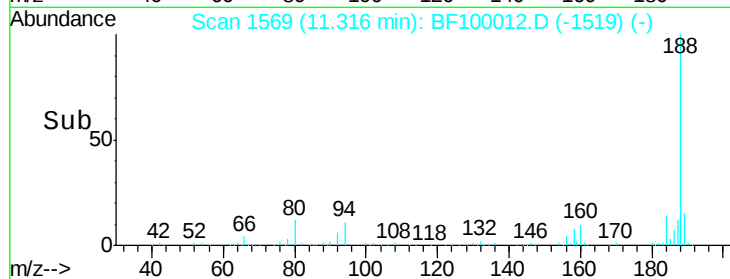
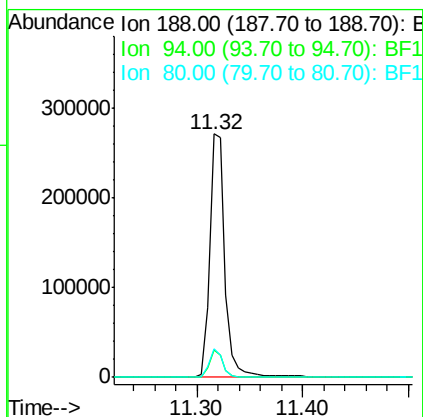
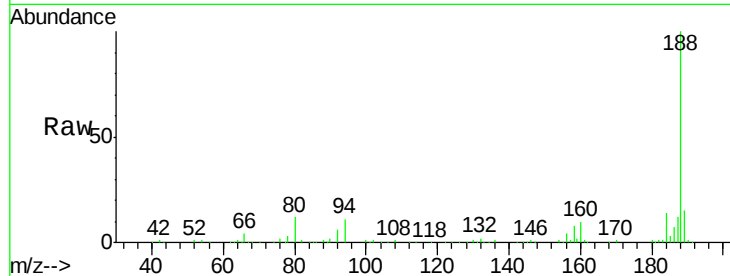




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF100012.D
Acq: 31 Oct 2017 19:16

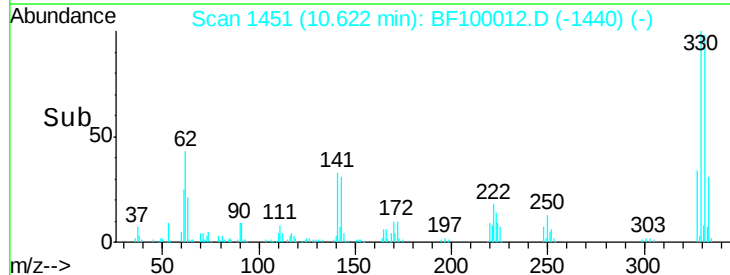
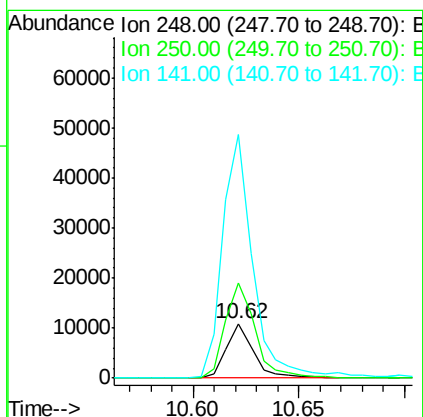
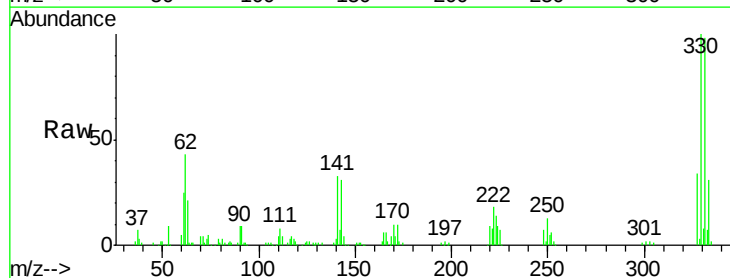
Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)

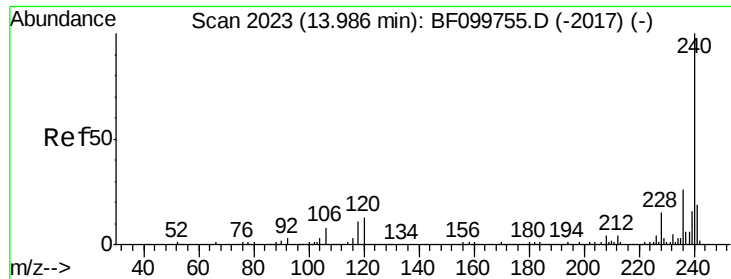
Tgt Ion:188 Resp: 273765
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.37 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100012.D
Acq: 31 Oct 2017 19:16

Tgt Ion:248 Resp: 9718
Ion Ratio Lower Upper
248 100
250 173.0 76.9 115.3#
141 444.8 74.4 111.6#

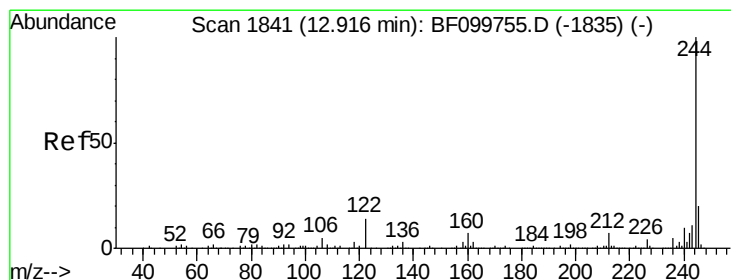
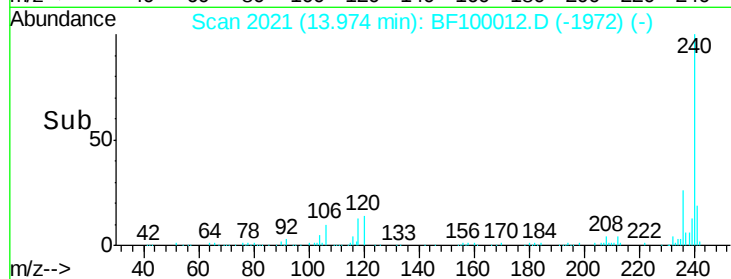
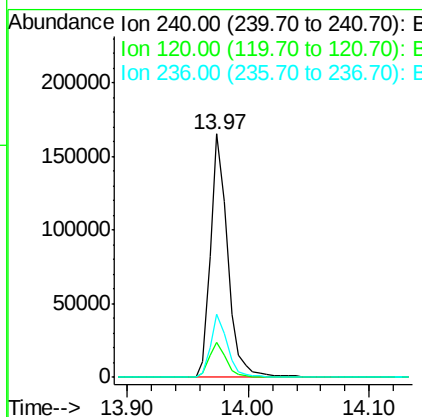
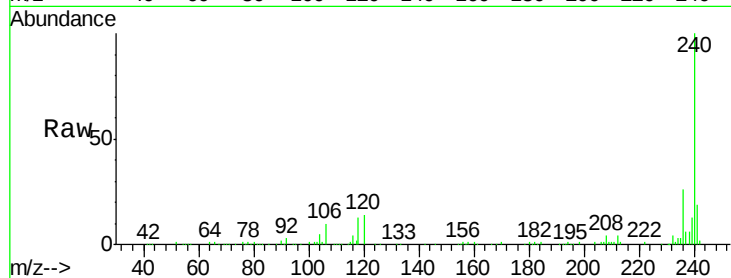




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF100012.D
 Acq: 31 Oct 2017 19:16

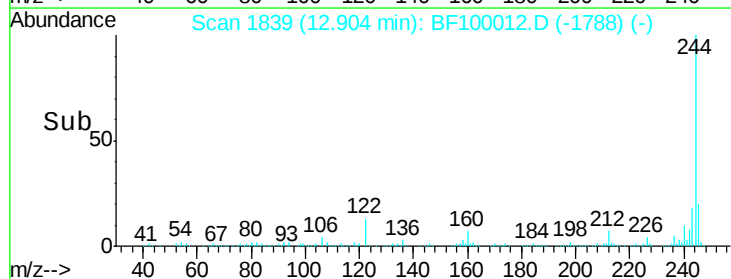
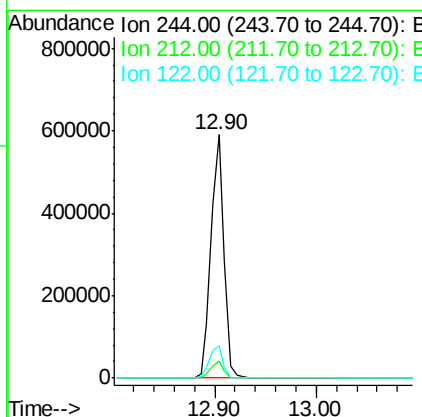
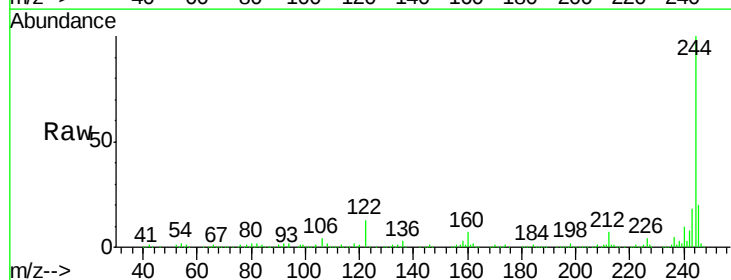
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-3(20-22)

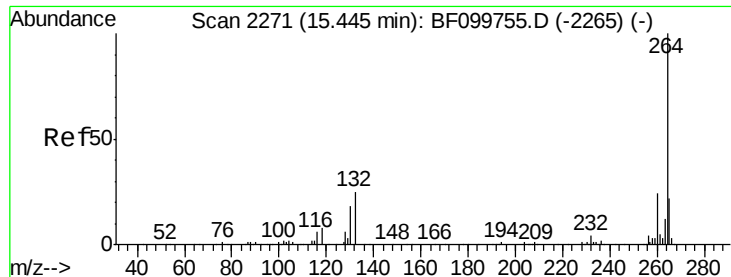
Tgt Ion:240 Resp: 162110
 Ion Ratio Lower Upper
 240 100
 120 14.3 9.5 14.3
 236 25.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 70.78 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF100012.D
 Acq: 31 Oct 2017 19:16

Tgt Ion:244 Resp: 525018
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.2 11.0 16.4

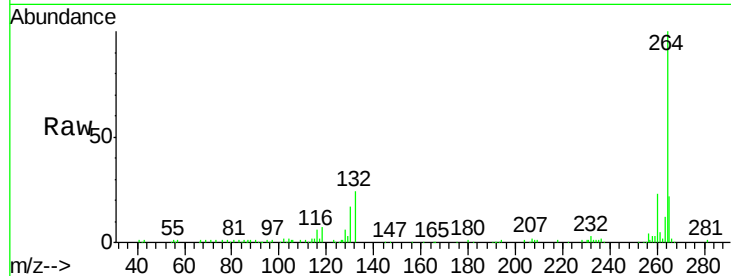




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF100012.D
Acq: 31 Oct 2017 19:16

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	17.5	26.3



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

