

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100052.D
 Acq On : 1 Nov 2017 19:05
 Operator : SJ/JU
 Sample : I6233-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3-5)

Manual Integrations
 APPROVED

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 11/2/2017 4:27:13 PM

Quant Time: Nov 02 11:10:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 11:10:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	84419	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	336521	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	144564	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	225751	20.00	ng	0.06
75) Chrysene-d12	13.84	240	109	20.00	ng	-0.14
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	83464	15.52	ng	0.02
7) Phenol-d6	6.43	99	108119	16.96	ng	0.00
23) Nitrobenzene-d5	7.35	82	56000	10.71	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	20080	15.24	ng	0.02
44) 2-Fluorobiphenyl	9.14	172	139914	14.93	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
25) Isophorone	7.35	82	56000	5.904	ng	# 64
49) Dimethylphthalate	9.54	163	24353	2.127	ng	# 98
50) 2,6-Dinitrotoluene	9.82	165	18435	7.660	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	18435	6.361	ng	# 21
77) Pyrene	12.83	202	4695	566.462	ng	# 93
79) Butylbenzylphthalate	13.13	149	106	25.971	ng	# 23
83) Bis(2-ethylhexyl)phthalate	14.00	149	113	19.715	ng	# 53
84) Di-n-octyl phthalate	14.41	149	123	12.503	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.80	276	222	37.226	ng	# 46

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

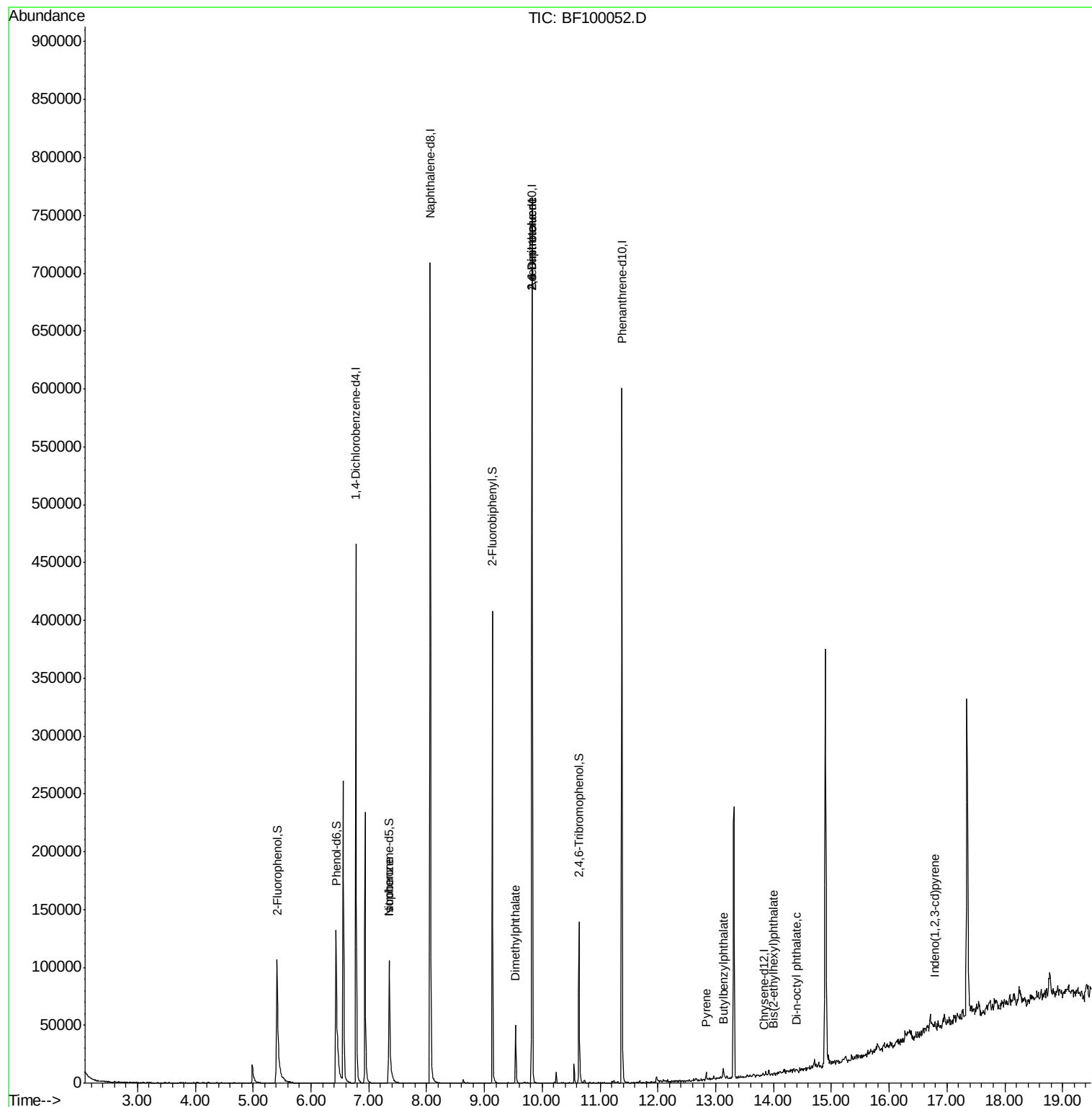
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100052.D
Acq On : 1 Nov 2017 19:05
Operator : SJ/JU
Sample : I6233-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

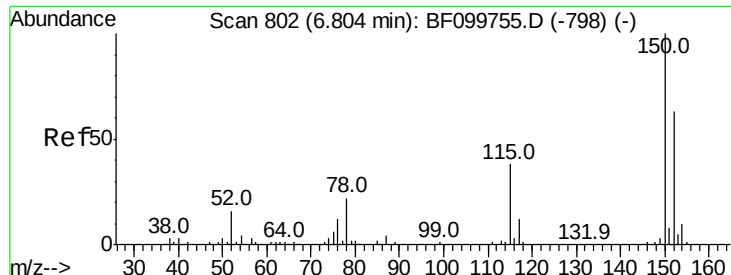
Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)

Manual Integrations
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Quant Time: Nov 02 11:10:03 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

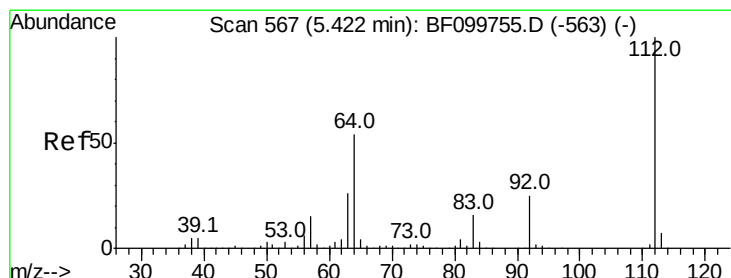
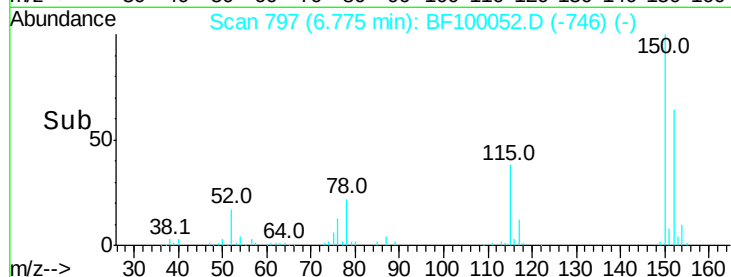
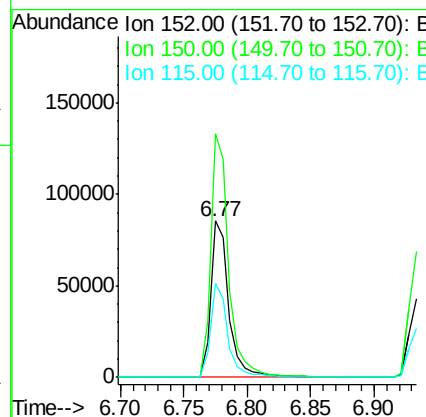
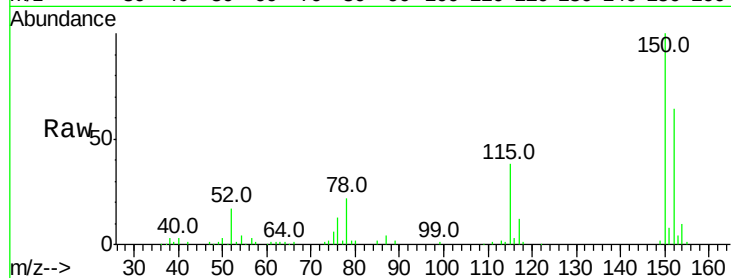
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	60.0	50.1	75.1

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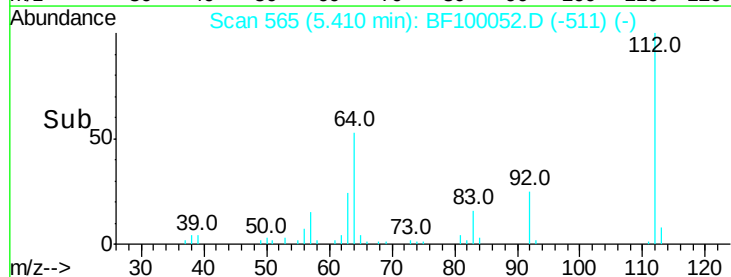
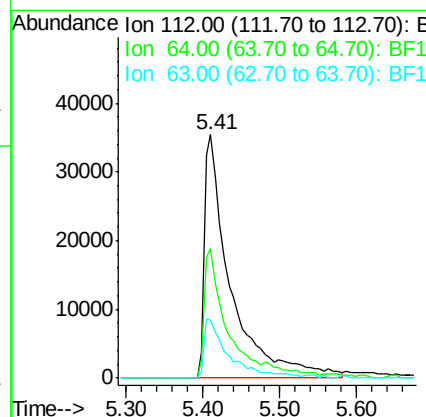
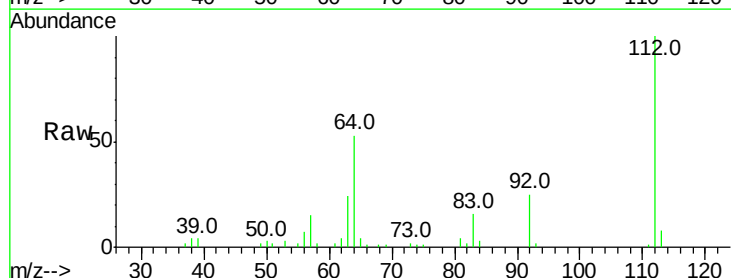
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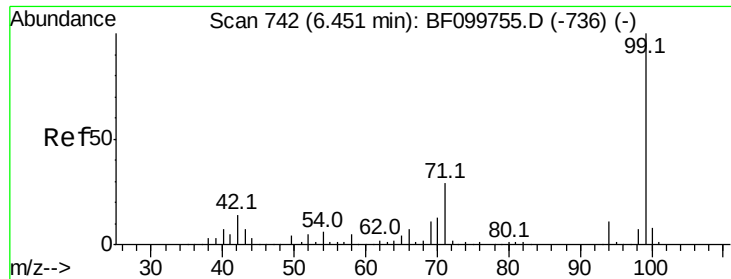


#5

2-Fluorophenol
Concen: 15.522 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	23.7	23.7	35.5





#7

Phenol-d6

Concen: 16.958 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100052.D

Acq: 1 Nov 2017 19:05

Instrument :

BNA_F

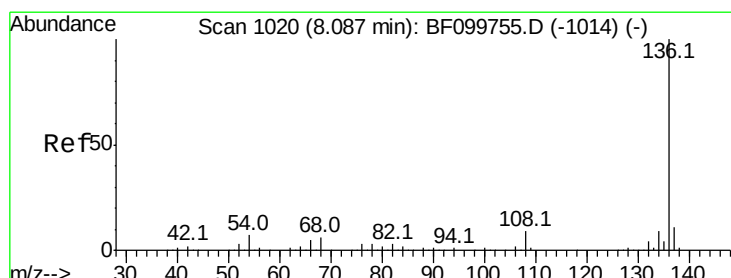
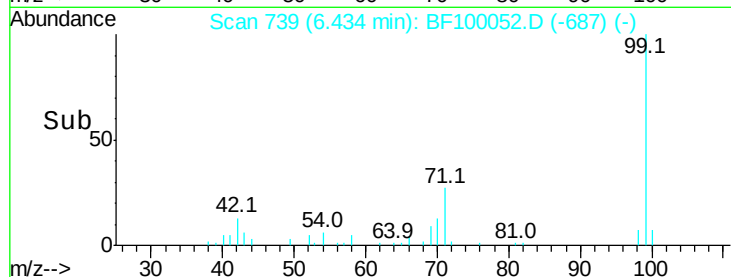
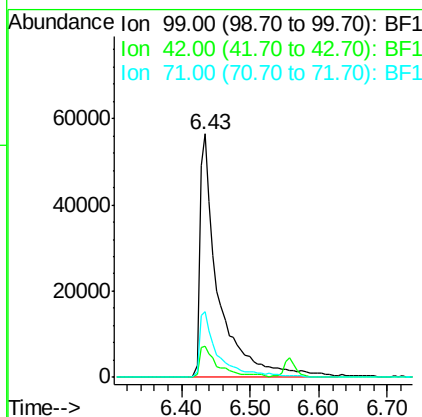
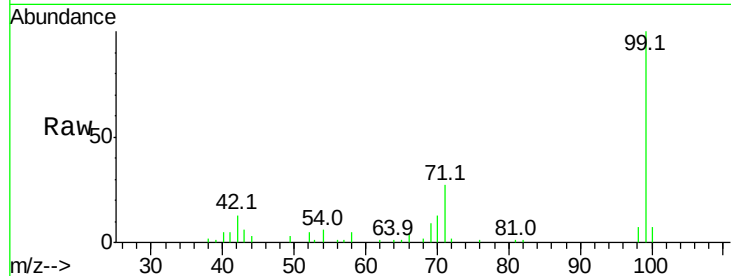
ClientSampled :

SB-1(3-5)

Tot Ion:	99	Resp:	108119
Ion Ratio	Lower	Upper	
99	100		
42	12.8	14.5	21.7#
71	27.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

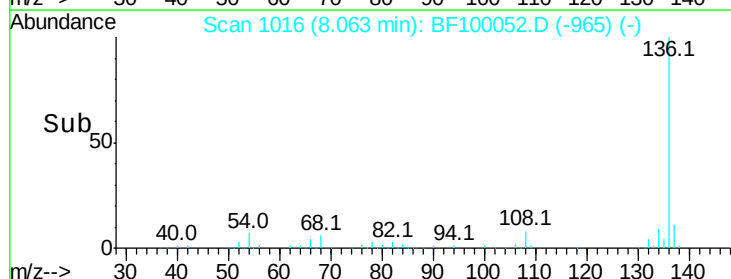
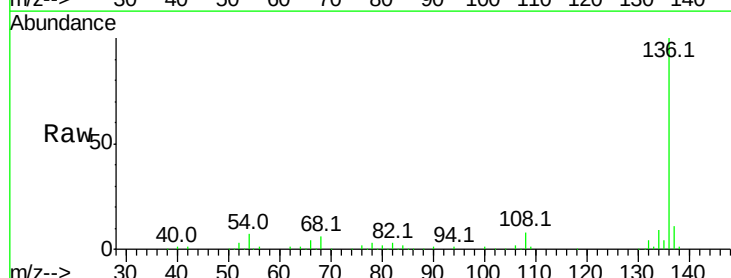
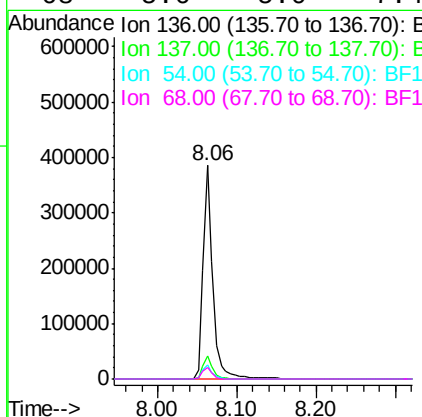
RT: 8.06 min Scan# 1016

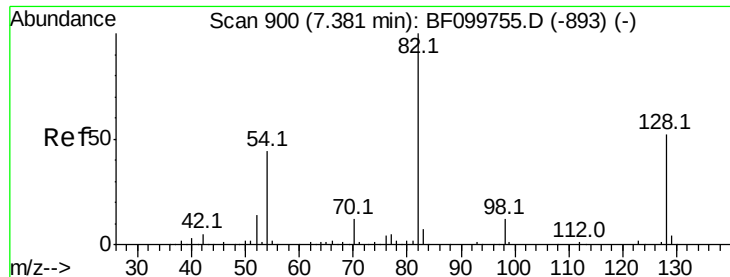
Delta R.T. 0.00 min

Lab File: BF100052.D

Acq: 1 Nov 2017 19:05

Tgt Ion:	136	Resp:	336521
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8
68	5.6	5.0	7.4





#23

Nitrobenzene-d5

Concen: 10.713 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF100052.D

Acq: 1 Nov 2017 19:05

Instrument :

BNA_F

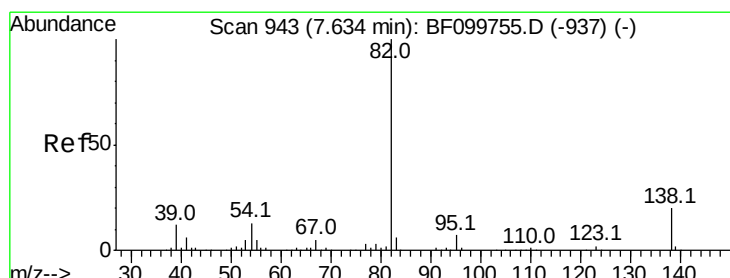
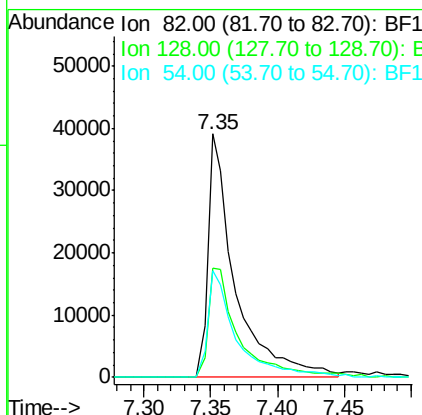
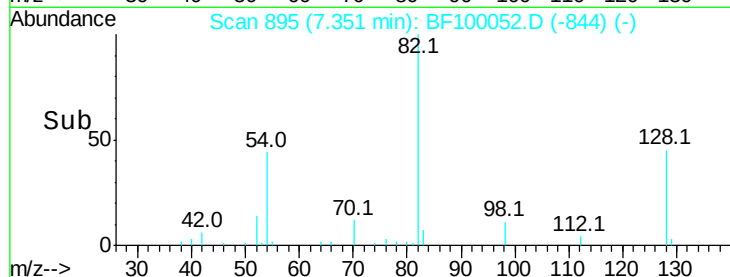
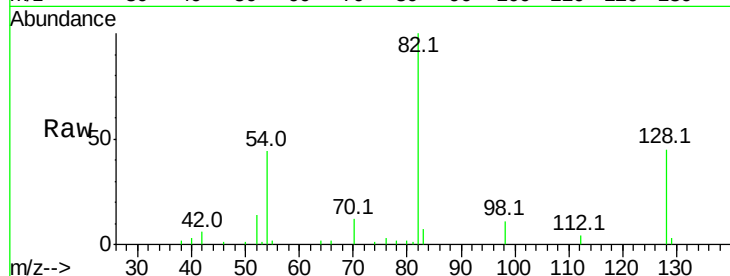
ClientSampled :

SB-1(3-5)

Tot Ion:	82	Resp:	56000
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	44.0	41.4	62.2

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#25

Isophorone

Concen: 5.904 ng

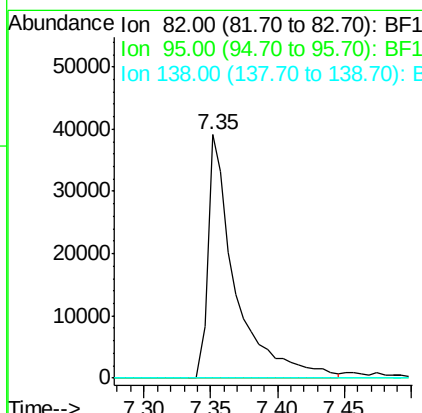
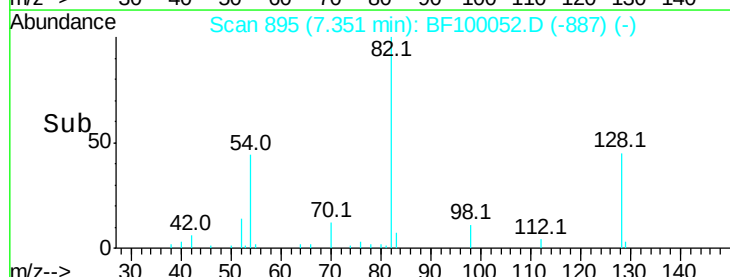
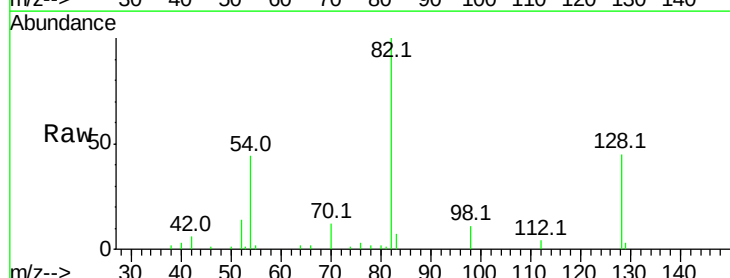
RT: 7.35 min Scan# 895

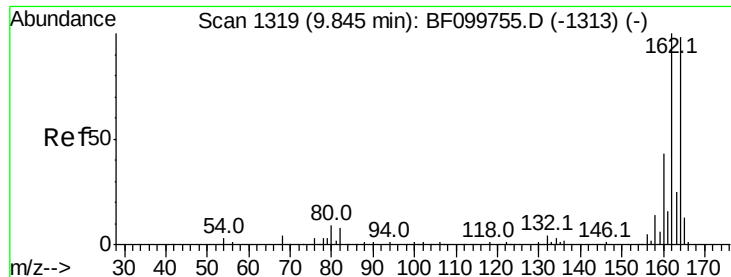
Delta R.T. -0.25 min

Lab File: BF100052.D

Acq: 1 Nov 2017 19:05

Tgt Ion:	82	Resp:	56000
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





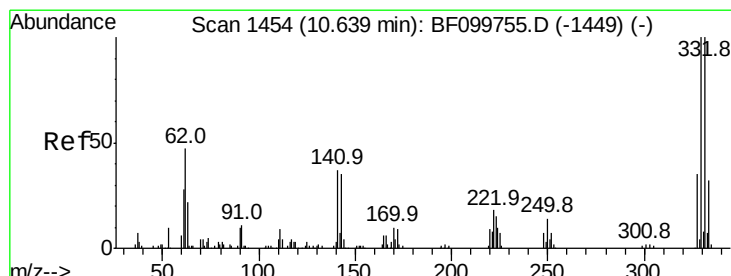
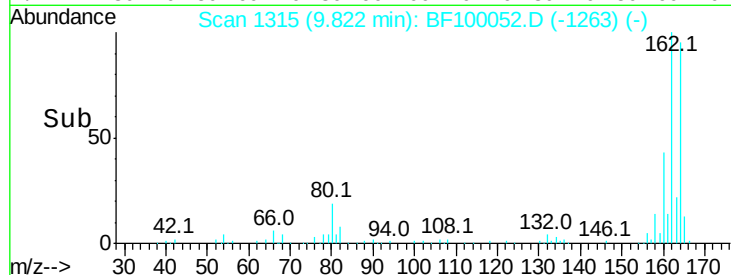
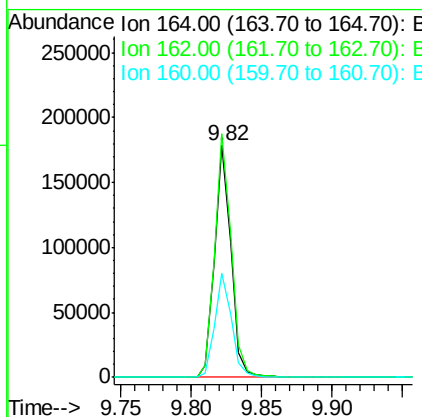
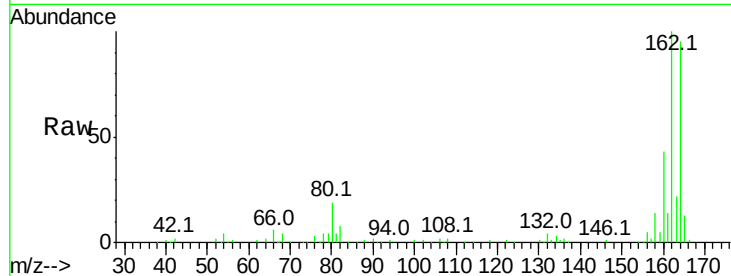
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF100052.D
 Acq: 1 Nov 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3-5)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	144564		
162	105.1	86.1	129.1	
160	45.1	38.3	57.5	

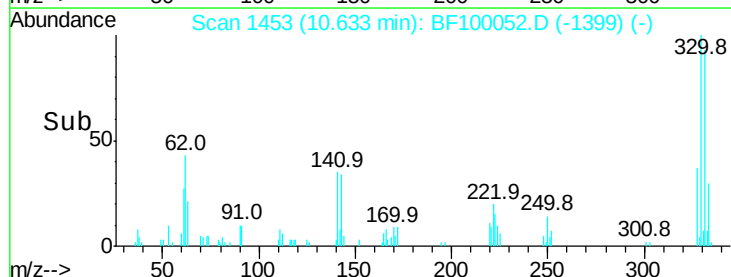
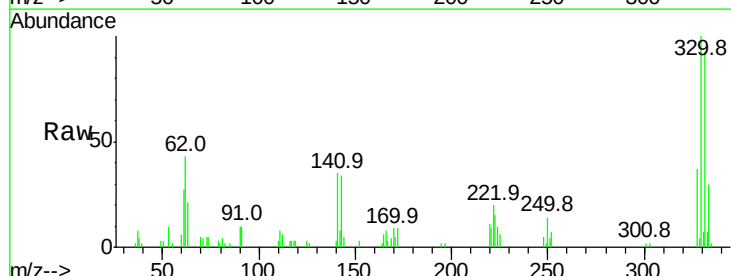
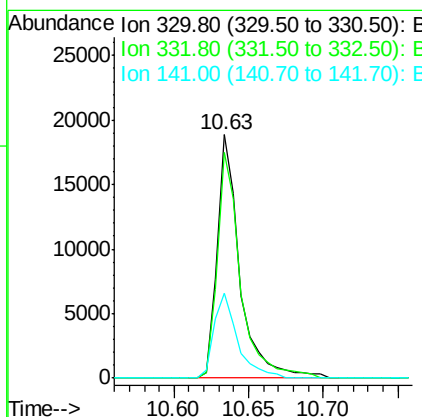
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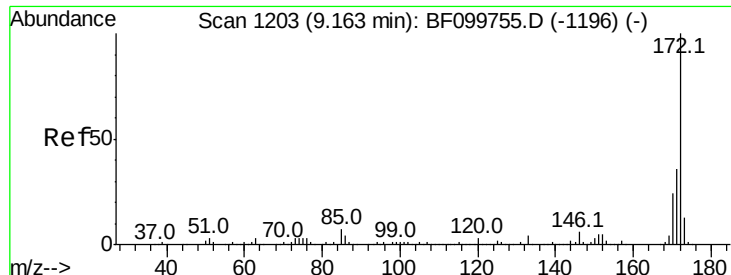
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#41
 2,4,6-Tribromophenol
 Concen: 15.242 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.02 min
 Lab File: BF100052.D
 Acq: 1 Nov 2017 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	20080		
332	95.0	77.0	115.6	
141	36.0	29.9	44.9	





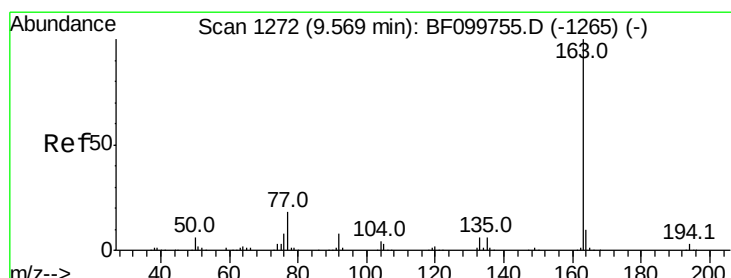
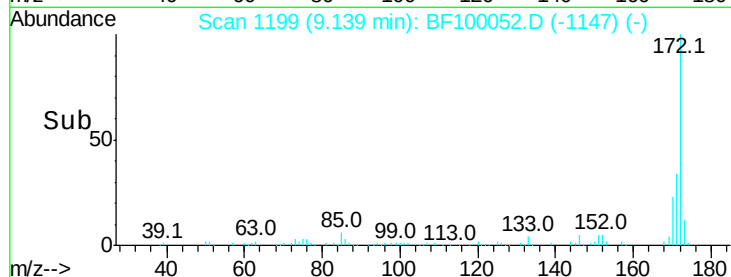
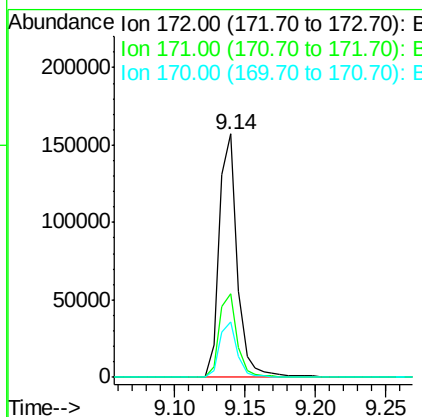
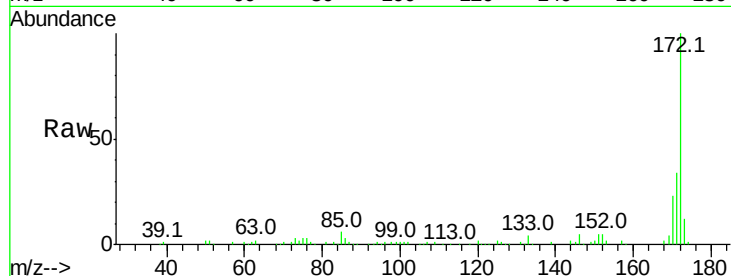
#44
2-Fluorobiphenyl
Concen: 14.932 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)

Tot Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.4	29.7	44.5
170	22.6	19.6	29.4

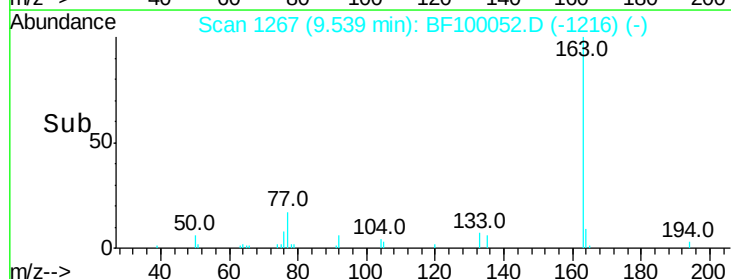
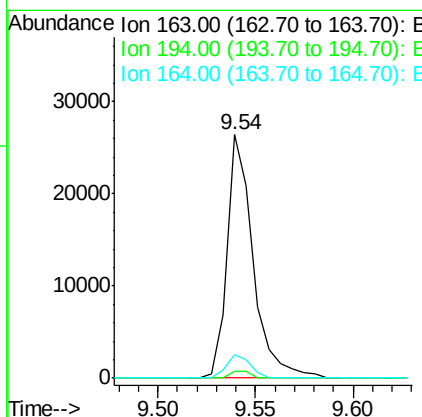
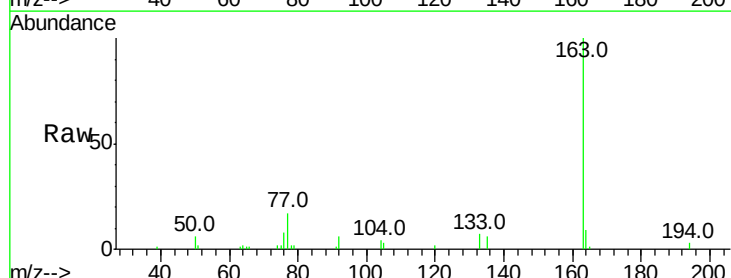
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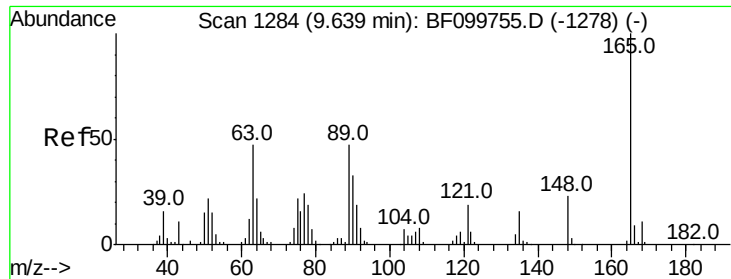
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#49
Dimethylphthalate
Concen: 2.127 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	2.7	4.1
164	9.4	8.2	12.2





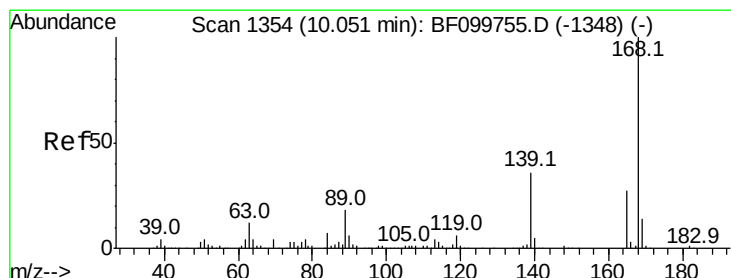
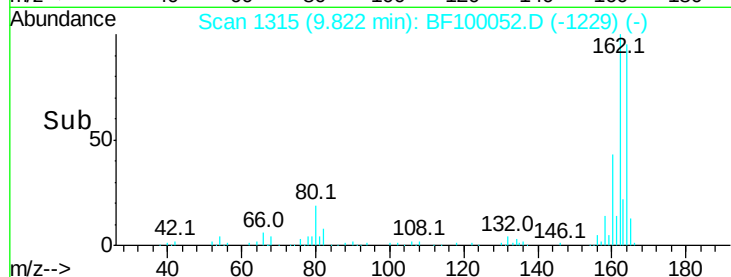
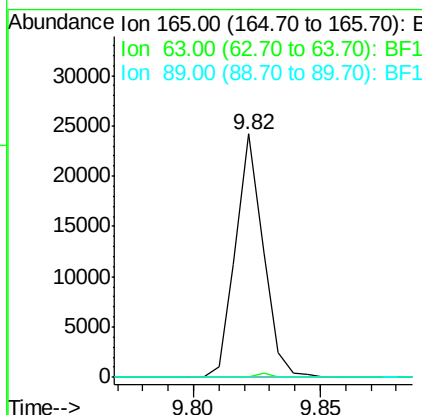
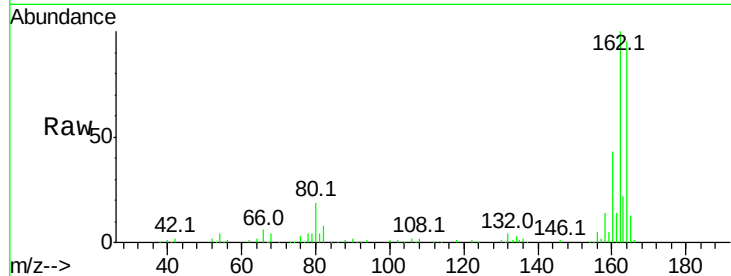
#50
 2,6-Dinitrotoluene
 Concen: 7.660 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF100052.D
 Acq: 1 Nov 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3-5)

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

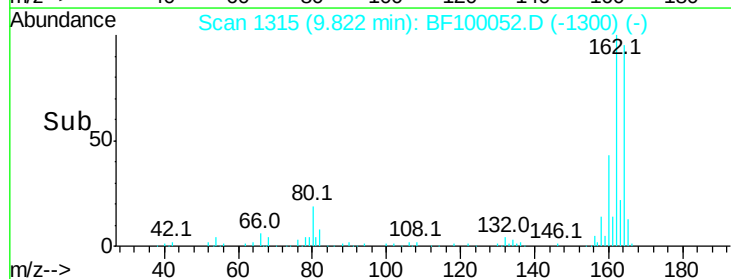
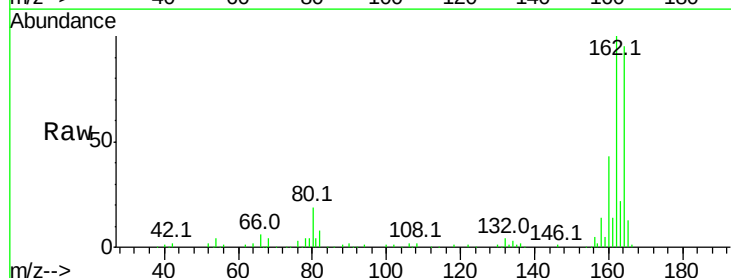
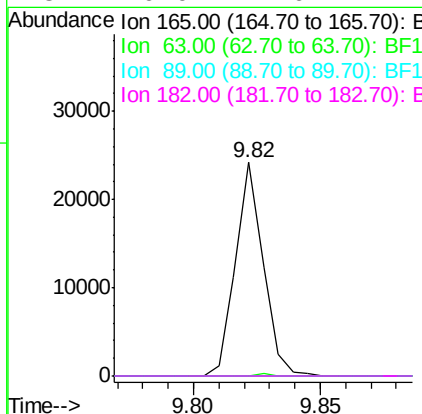
Manual Integrations
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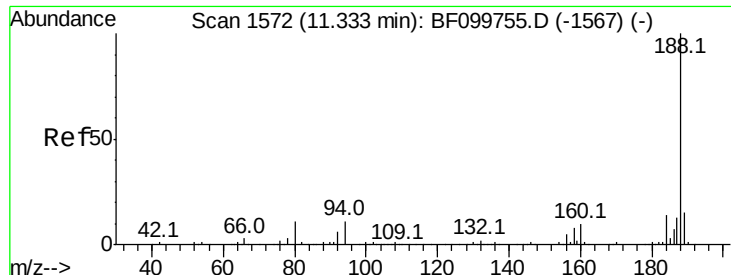
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#56
 2,4-Dinitrotoluene
 Concen: 6.361 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.21 min
 Lab File: BF100052.D
 Acq: 1 Nov 2017 19:05

Tgt Ion	Ratio	Resp 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#





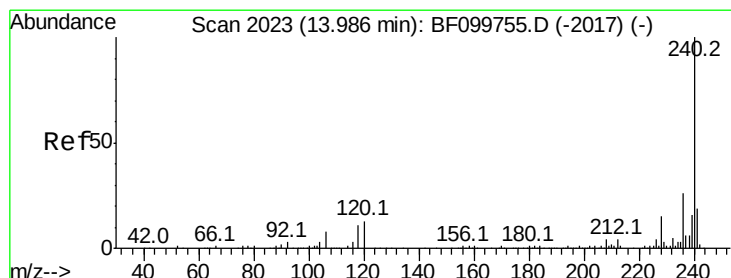
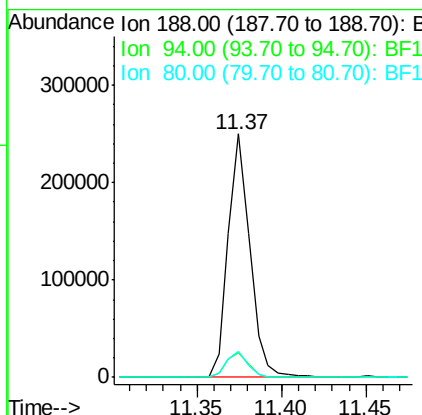
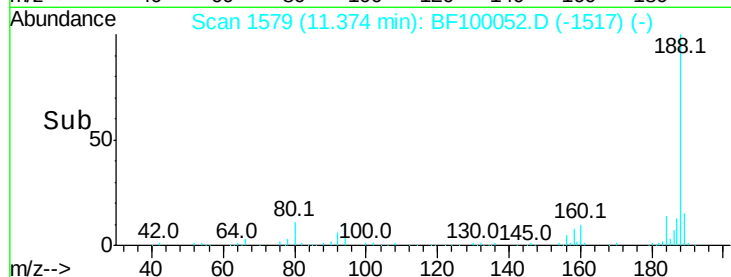
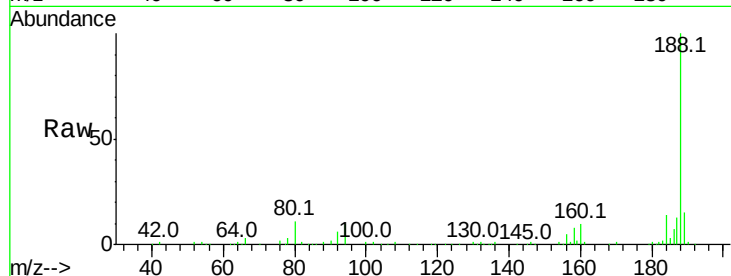
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.06 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.6	9.2	13.8

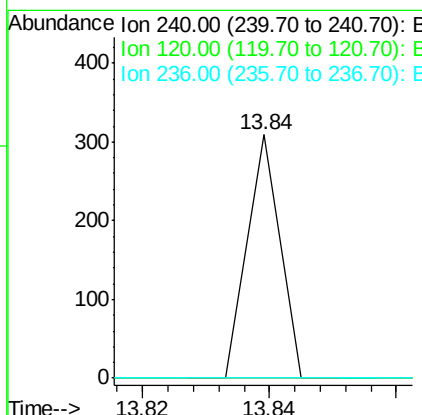
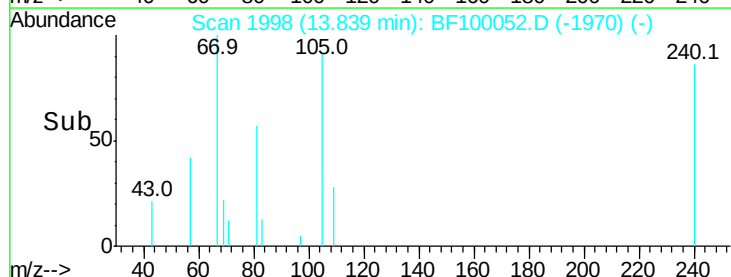
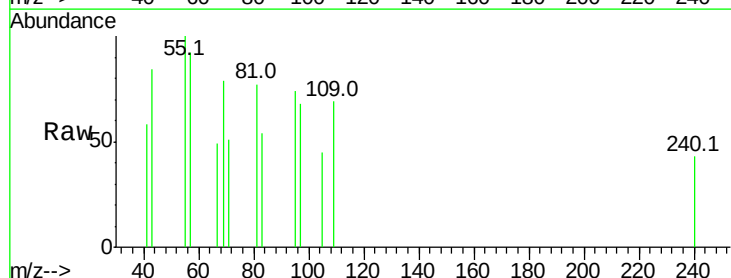
Manual Integrations
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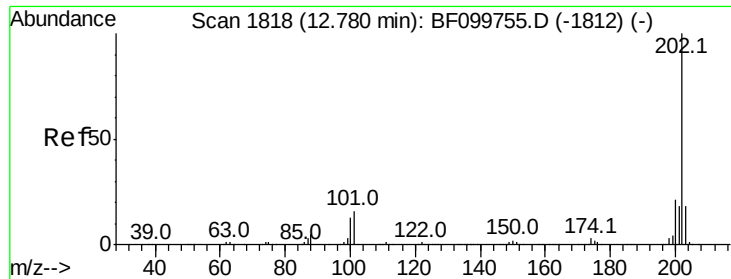
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.14 min
Lab File: BF100052.D
Acq: 1 Nov 2017 19:05

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	0.0	9.5	14.3#
236	0.0	20.7	31.1#





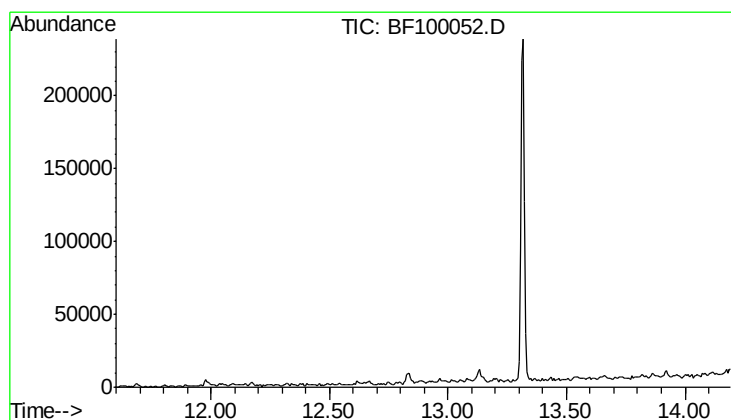
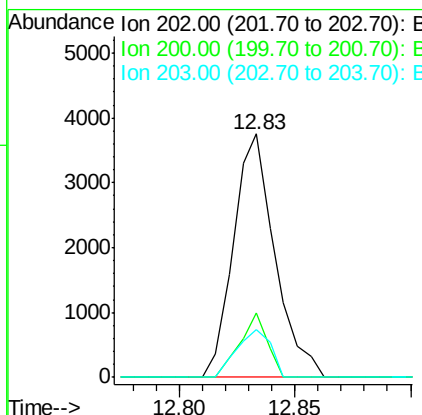
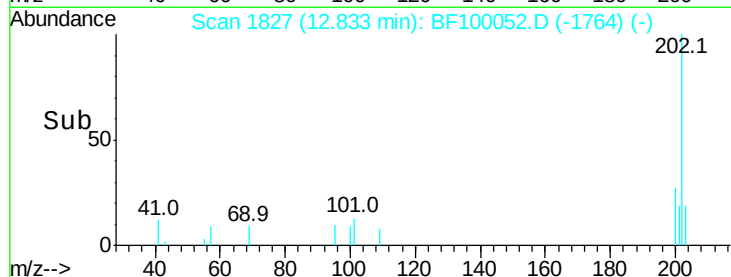
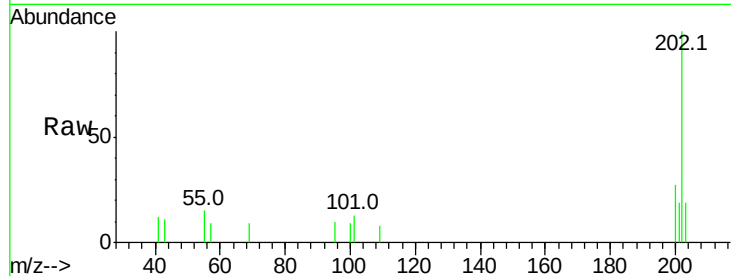
#77
 Pvrene
 Concen: 566.462 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.07 min
 Lab File: BF100052.D
 Acq: 1 Nov 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3-5)

Tot Ion	Ratio	Lower	Upper
202	100		
200	26.6	17.4	26.2
203	19.4	14.3	21.5

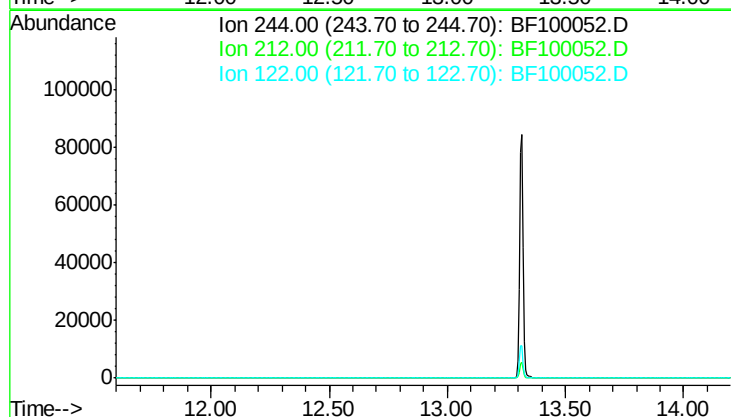
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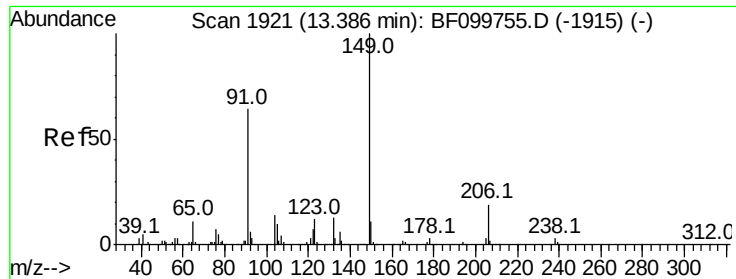
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#78
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.90 min
 Lab File: BF100052.D
 Acq: 1 Nov 2017 19:05

Tgt Ion	Exp Ratio
244	100
212	6.7
122	13.7





#79

Butylbenzylphthalate

Concen: 25.971 ng

RT: 13.13 min Scan# 1878

Delta R.T. -0.23 min

Lab File: BF100052.D

Acq: 1 Nov 2017 19:05

Instrument :

BNA_F

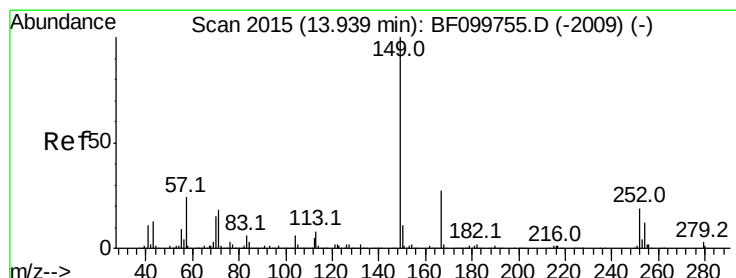
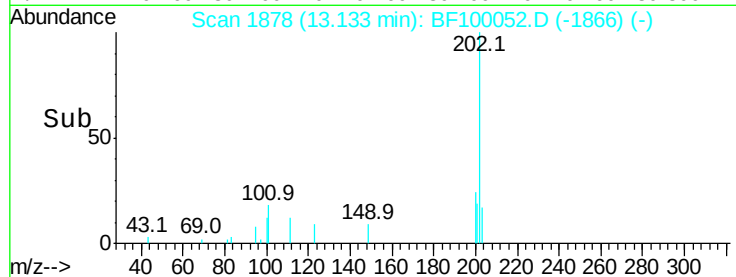
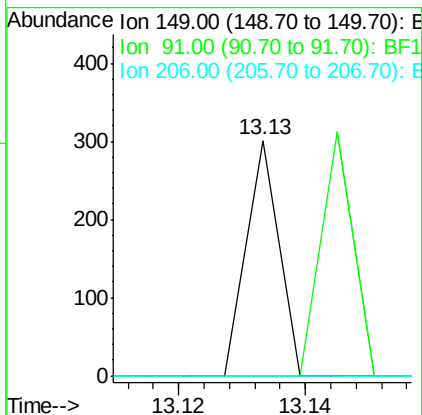
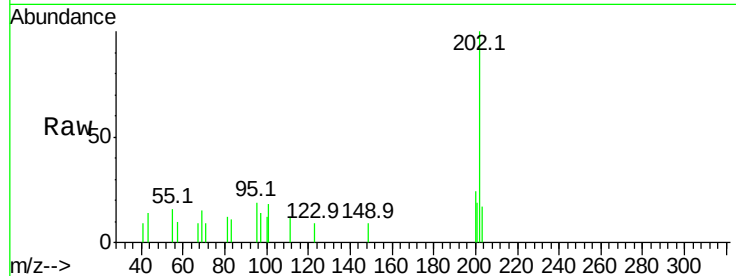
ClientSampleId :

SB-1(3-5)

Tot Ion:	149	Resp:	106
Ion Ratio	Lower	Upper	
149	100		
91	0.0	56.8	85.2#
206	0.0	14.1	21.1#

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#83

Bis(2-ethylhexyl)phthalate

Concen: 19.715 ng

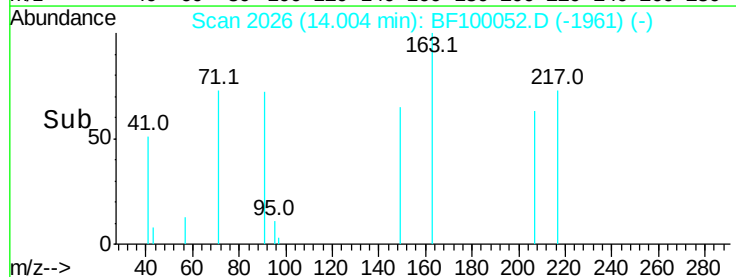
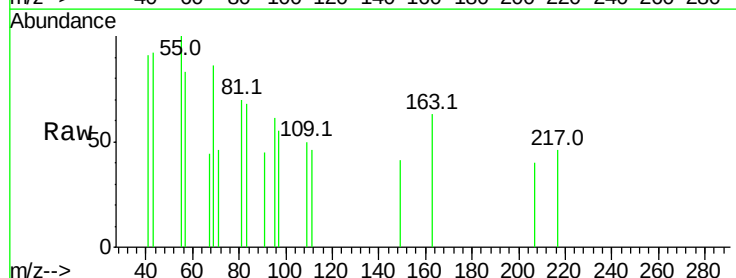
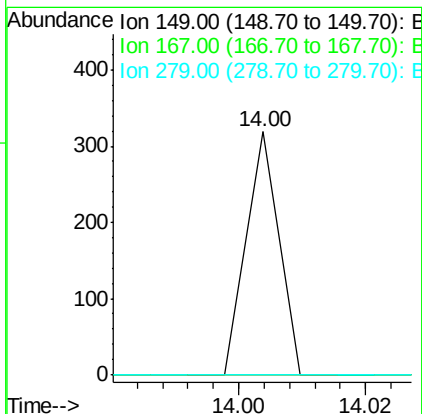
RT: 14.00 min Scan# 2026

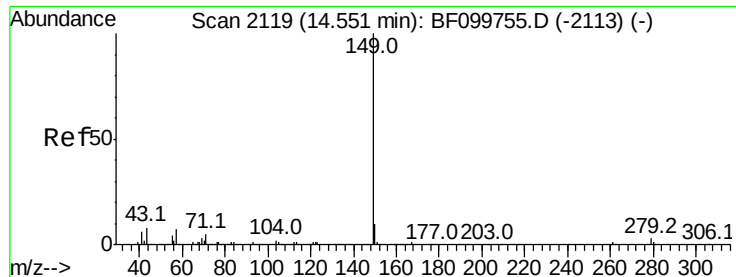
Delta R.T. 0.08 min

Lab File: BF100052.D

Acq: 1 Nov 2017 19:05

Tgt Ion:	149	Resp:	113
Ion Ratio	Lower	Upper	
149	100		
167	0.0	21.3	31.9#
279	0.0	3.0	4.4#





#84

Di-n-octyl phthalate

Concen: 12.503 ng

RT: 14.41 min Scan# 2095

Delta R.T. -0.15 min

Lab File: BF100052.D

Acq: 1 Nov 2017 19:05

Instrument :

BNA_F

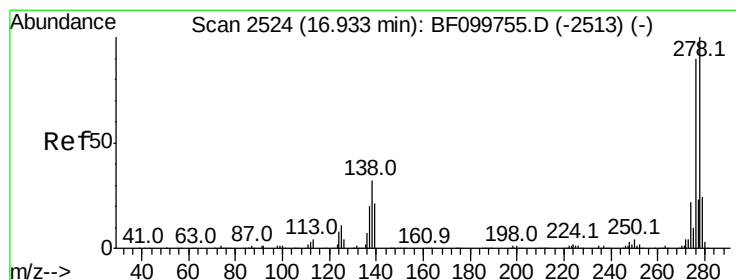
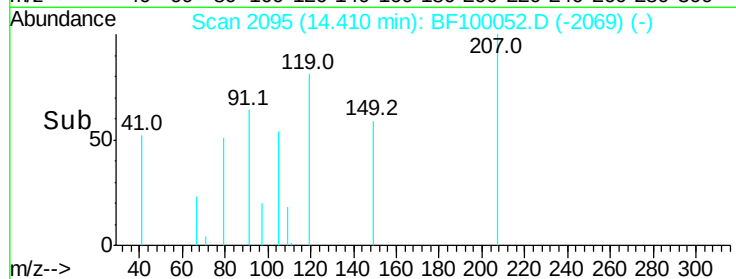
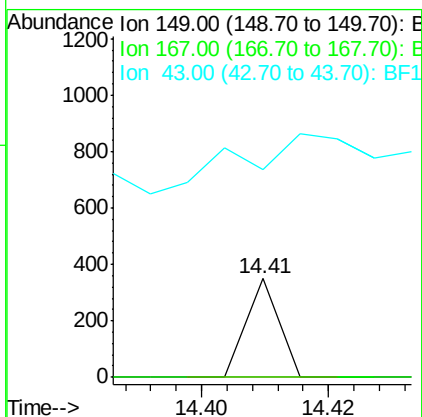
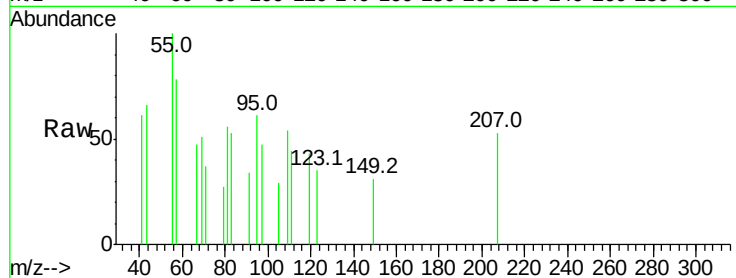
ClientSampled :

SB-1(3-5)

Tot Ion:	149	Resp:	123
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.2	1.8#
43	278.0	8.4	12.6#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 37.226 ng

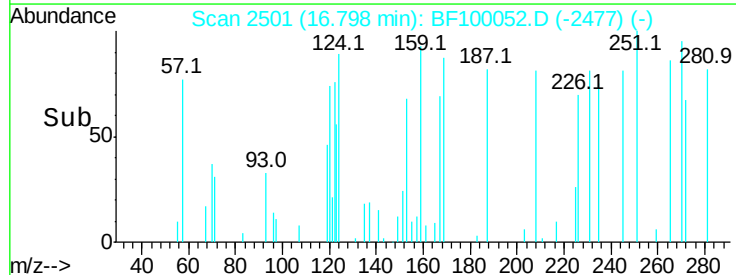
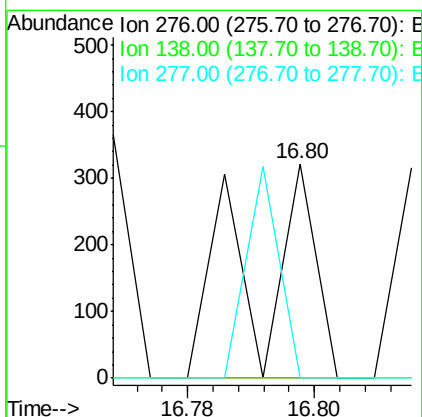
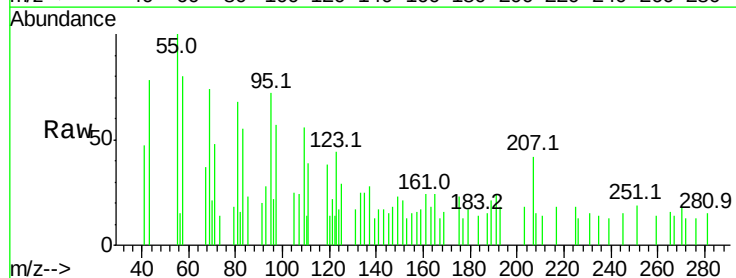
RT: 16.80 min Scan# 2501

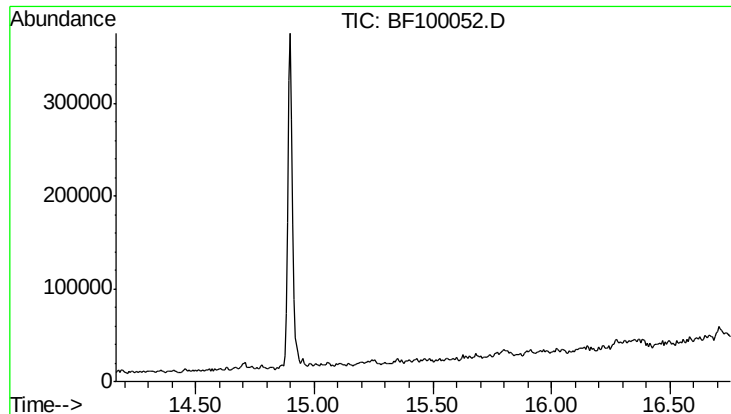
Delta R.T. -0.16 min

Lab File: BF100052.D

Acq: 1 Nov 2017 19:05

Tgt Ion:	276	Resp:	222
Ion Ratio	Lower	Upper	
276	100		
138	0.0	25.0	37.6#
277	50.5	20.1	30.1#





#86
 Pervlene-d12
 Concen: 0.000 ng
 Expected RT: 15.46 min
 Lab File: BF100052.D
 Acq: 1 Nov 2017 19:05

Tot Ion: 264	
Sig	Exp Ratio
264	100
260	24.0
265	21.9

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3-5)

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