

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101199.D
 Acq On : 7 Dec 2017 12:33
 Operator : SJ/JU
 Sample : I6742-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOTES-1-4

Manual Integrations
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Sohil
 12/8/2017 11:11:59 AM

Quant Time: Dec 11 13:47:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	47088	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	153797	20.00	ng	0.01
38) Acenaphthene-d10	9.94	164	84703m	20.00	ng	0.05
63) Phenanthrene-d10	11.42	188	114563	20.00	ng	0.05
75) Chrysene-d12	14.03	240	106076	20.00	ng	0.00
86) Perylene-d12	15.50	264	105969	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	191822	67.32	ng	0.00
7) Phenol-d6	6.51	99	136609	39.49	ng	0.03
23) Nitrobenzene-d5	7.42	82	283799	110.08	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	97138	95.47	ng	0.06
44) 2-Fluorobiphenyl	9.23	172	528078	85.30	ng	0.02
78) Terphenyl-d14	12.97	244	484179	99.84	ng	0.01
Target Compounds						
31) Naphthalene	8.17	128	1246372	164.431	ng	Qvalue # 96
37) 2-Methylnaphthalene	8.90	142	2726535	529.382	ng	96
45) 1,1'-Biphenyl	9.35	154	158633m	20.441	ng	
57) Fluorene	10.49	166	236260m	37.186	ng	
70) Phenanthrene	11.46	178	722589	114.534	ng	# 95
74) Fluoranthene	12.62	202	30697	4.389	ng	90
77) Pyrene	12.84	202	60324	8.241	ng	# 91
83) Bis(2-ethylhexyl)phthalate	13.99	149	301197	65.458	ng	# 99

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

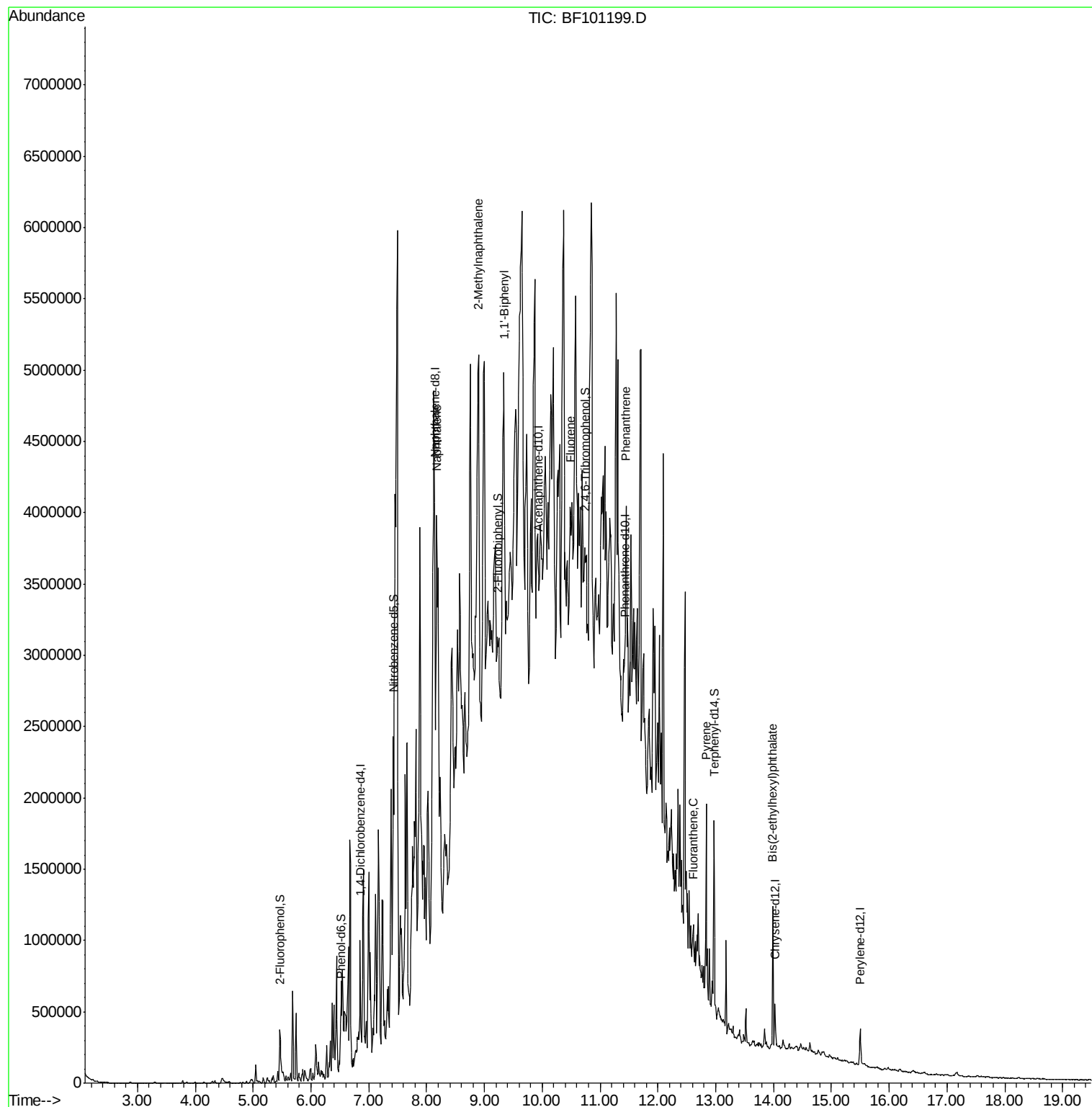
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101199.D
Acq On : 7 Dec 2017 12:33
Operator : SJ/JU
Sample : I6742-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

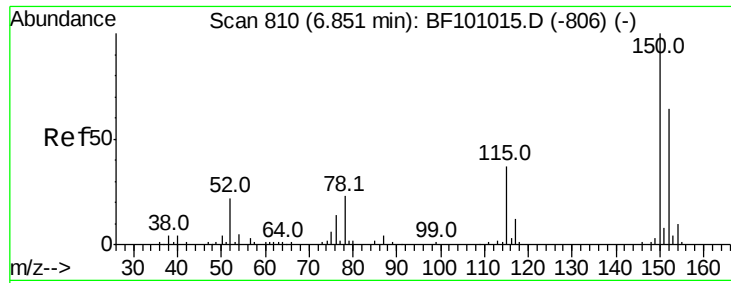
Instrument :
BNA_F
ClientSampleId :
TOTES-1-4

Manual Integrations
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12/8/2017 11:11:59 AM

Quant Time: Dec 11 13:47:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration





#1

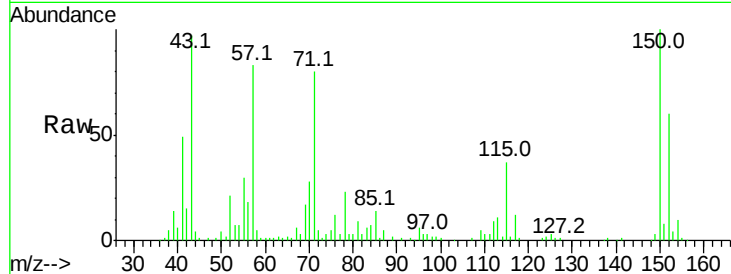
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Instrument :
BNA_F
ClientSampleId :
TOTES-1-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.0	124.6	186.8
115	61.7	50.1	75.1

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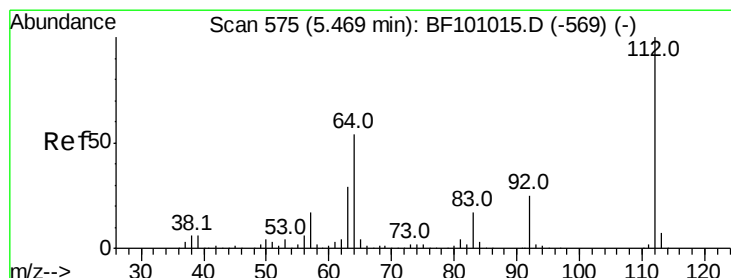
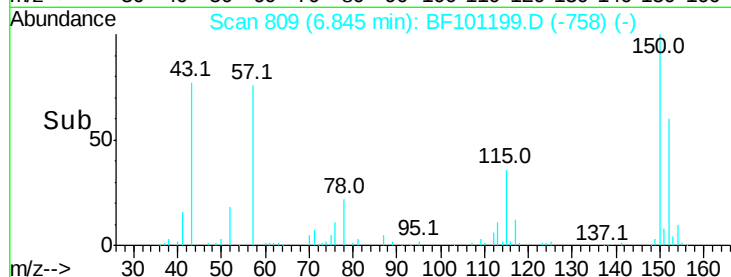
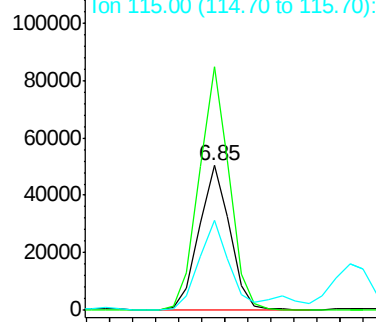


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

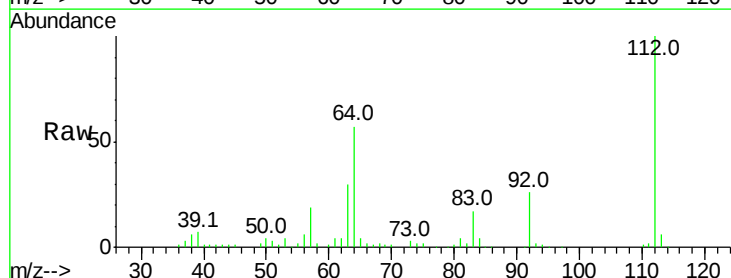
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 67.315 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	30.2	23.7	35.5

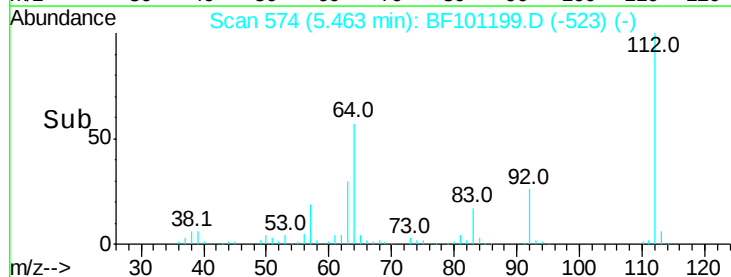
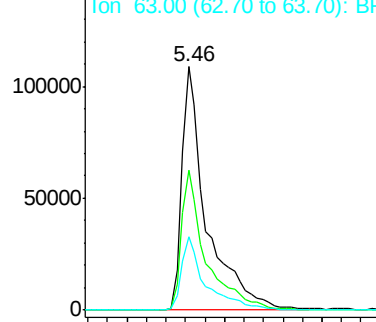


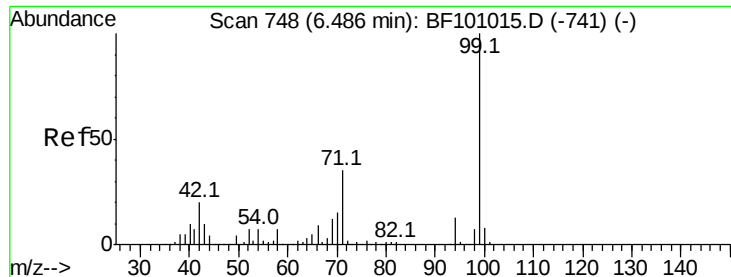
Abundance

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: 39.486 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.03 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

ClientSampleId :

TOTES-1-4

Tot Ion: 99 Resp: 136609

Ion Ratio Lower Upper

99 100

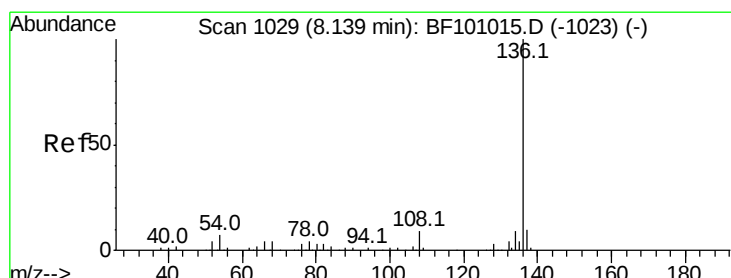
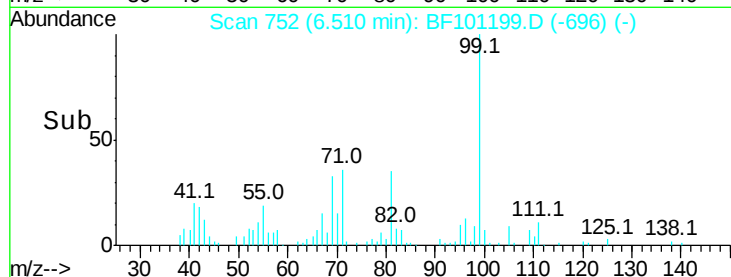
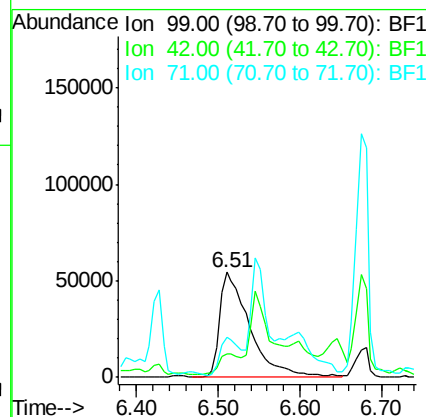
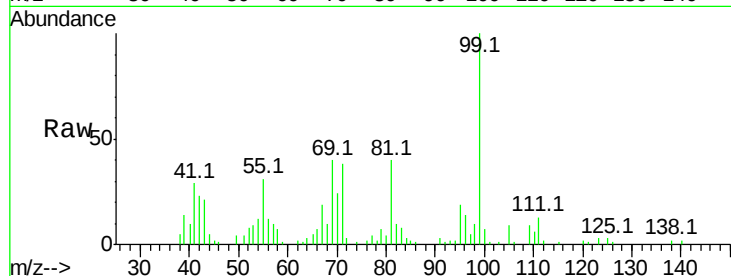
42 22.8 14.5 21.7#

71 38.3 25.4 38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Tgt Ion: 136 Resp: 153797

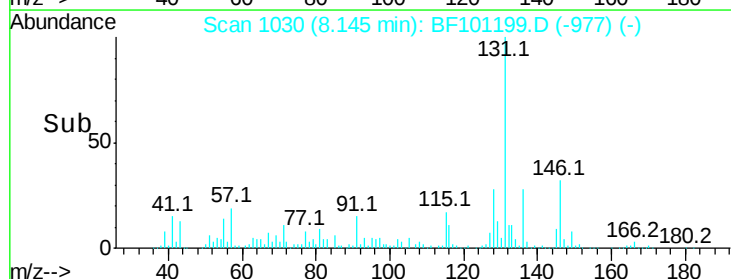
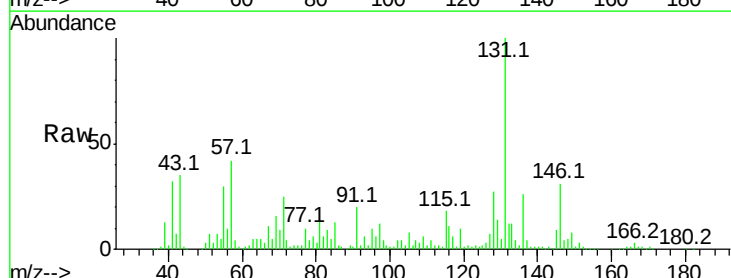
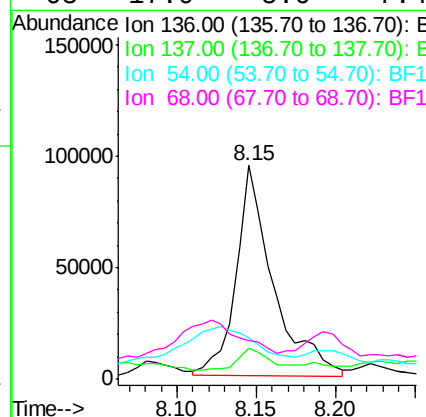
Ion Ratio Lower Upper

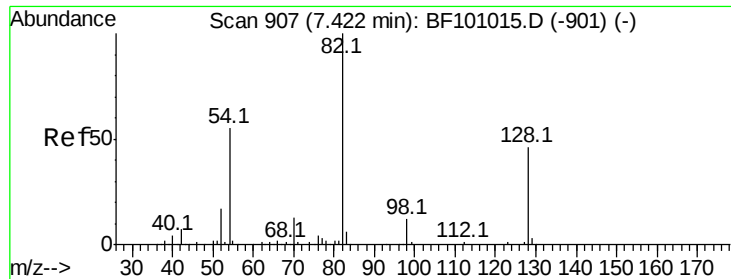
136 100

137 14.5 8.9 13.3#

54 19.4 6.6 9.8#

68 17.9 5.0 7.4#





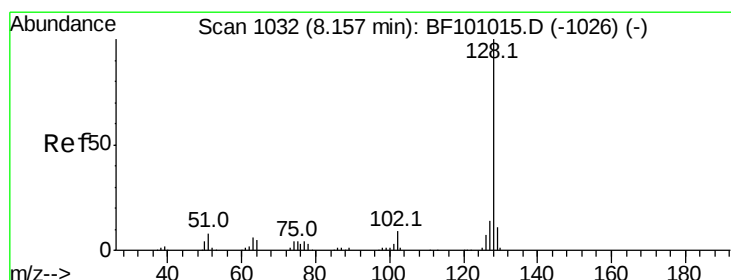
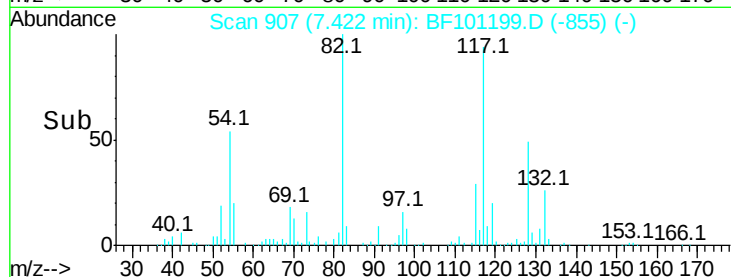
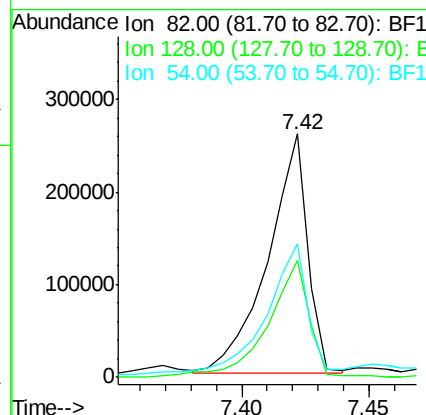
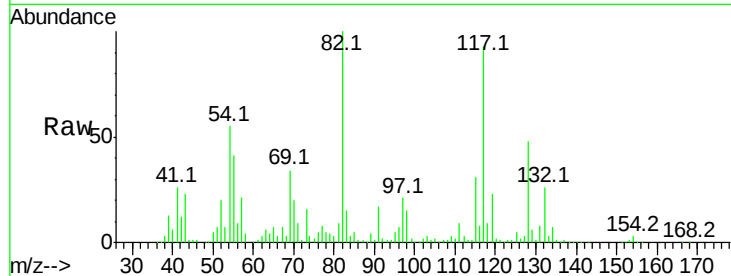
#23
Nitrobenzene-d5
Concen: 110.077 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Instrument :
BNA_F
ClientSampleId :
TOTES-1-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	55.1	41.4	62.2

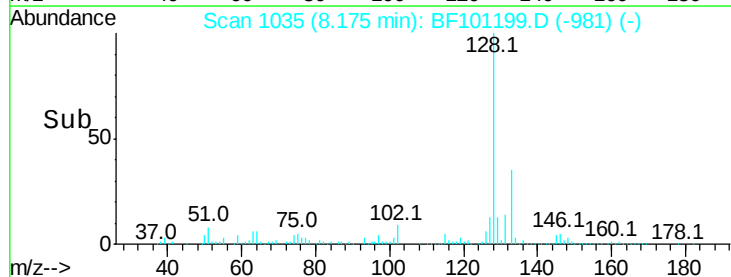
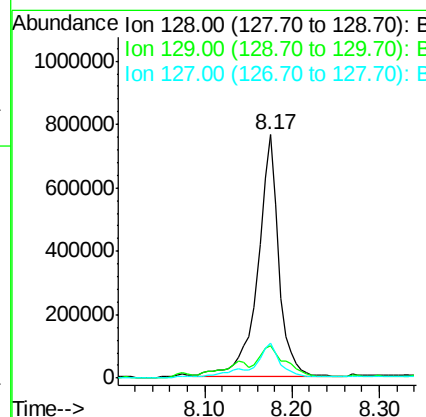
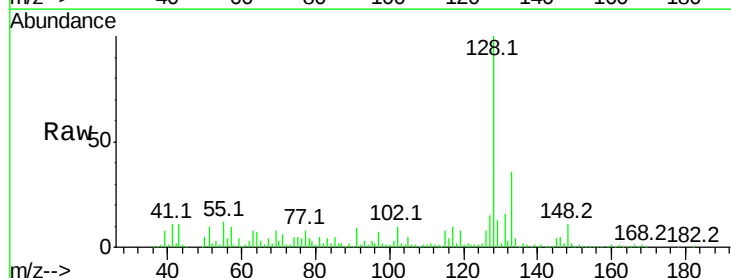
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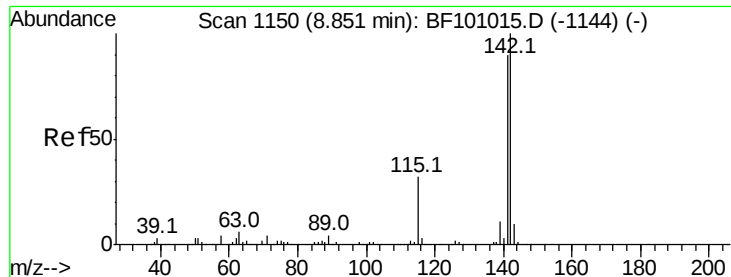
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#31
Naphthalene
Concen: 164.431 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.02 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.5	8.8	13.2#
127	14.5	10.9	16.3





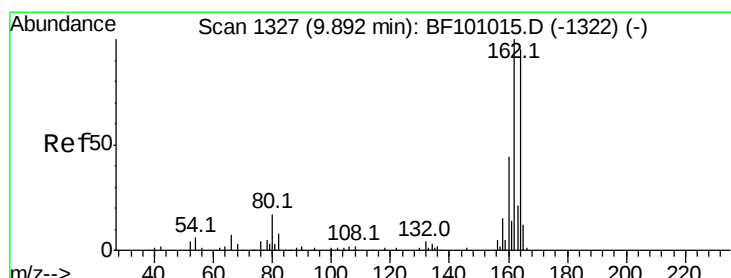
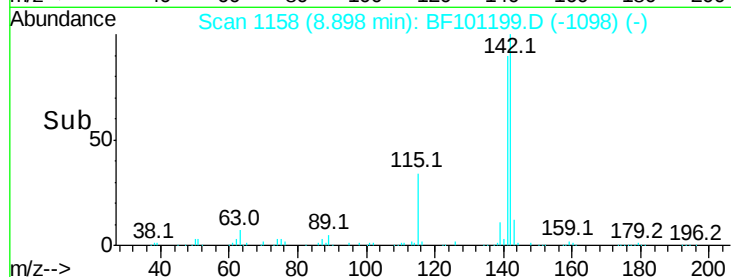
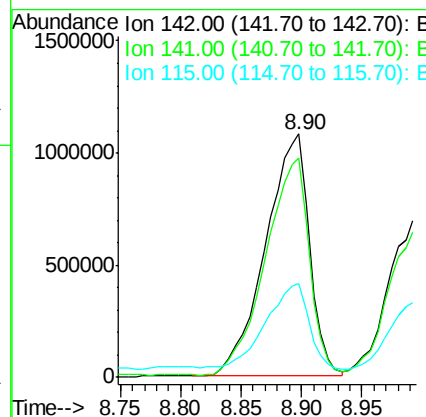
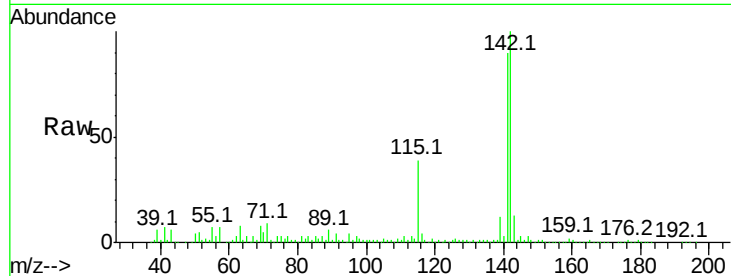
#37
2-Methylnaphthalene
Concen: 529.382 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.05 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Instrument :
BNA_F
ClientSampled :
TOTES-1-4

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	38.7	26.1	39.1

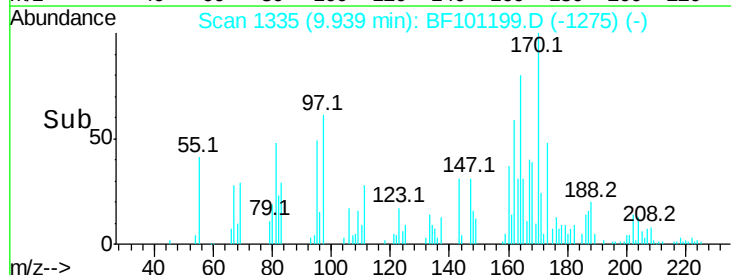
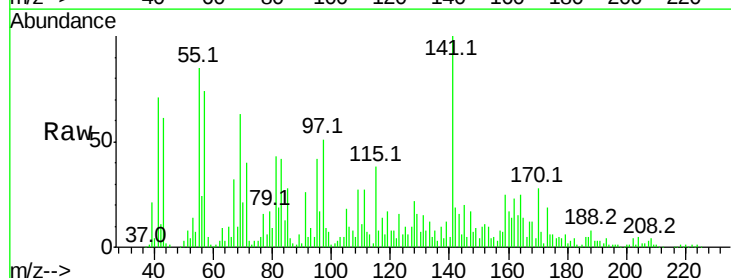
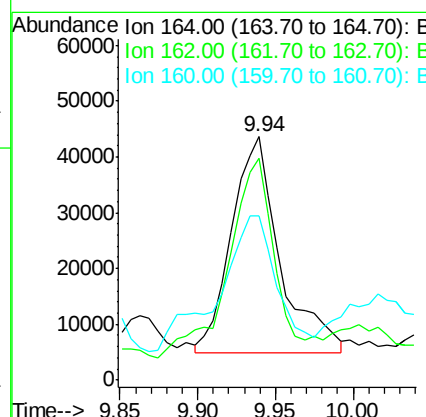
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#38
Acenaphthene-d10
Concen: 20.000 ng m
RT: 9.94 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.2	86.1	129.1
160	67.5	38.3	57.5#





#41

2,4,6-Tribromophenol

Concen: 95.465 ng

RT: 10.75 min Scan# 1472

Delta R.T. 0.06 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

ClientSampled :

TOTES-1-4

Tot Ion:330 Resp: 97138

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

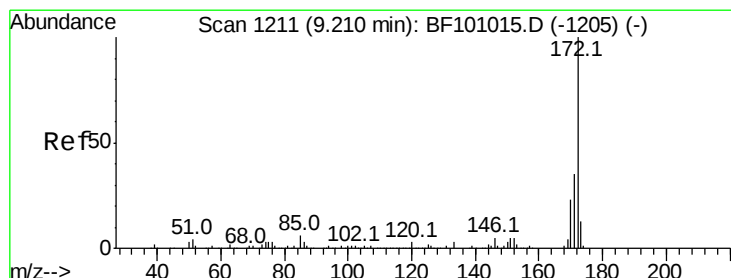
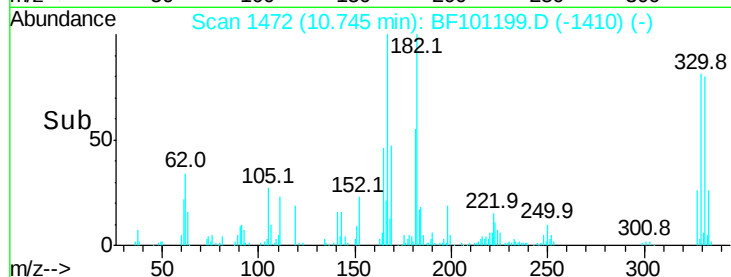
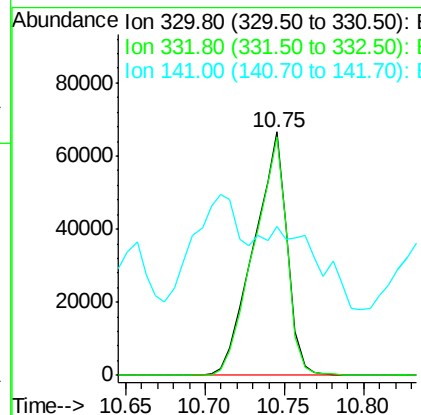
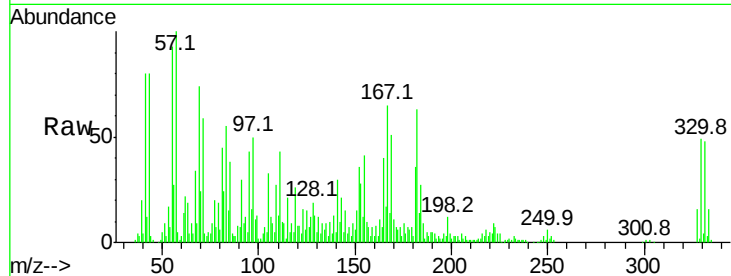
141 0.0 29.9 44.9#

Manual Integrations

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#44

2-Fluorobiphenyl

Concen: 85.300 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.02 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

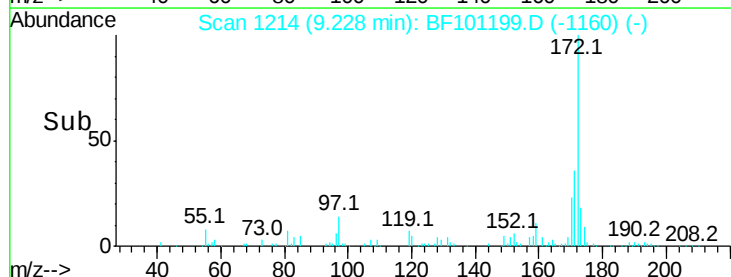
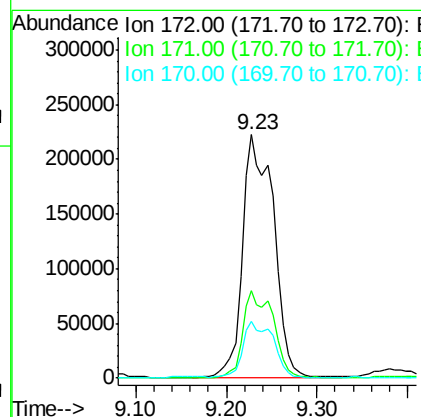
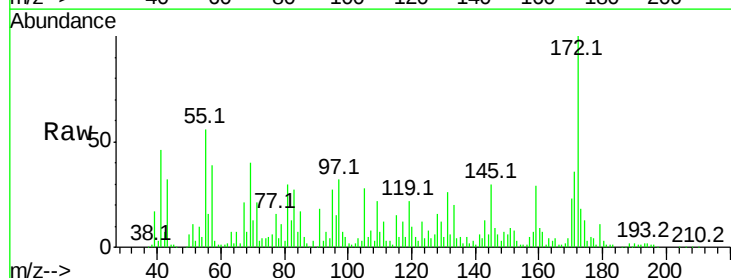
Tgt Ion:172 Resp: 528078

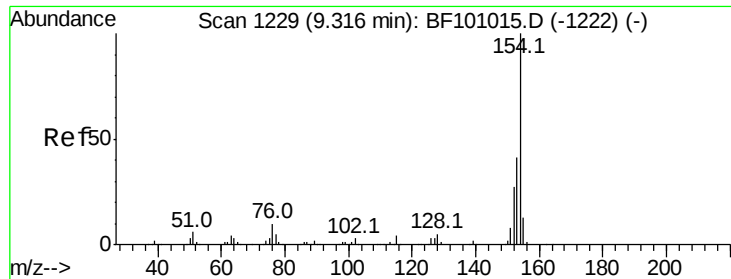
Ion Ratio Lower Upper

172 100

171 35.9 29.7 44.5

170 23.4 19.6 29.4





#45

1,1'-Biphenyl

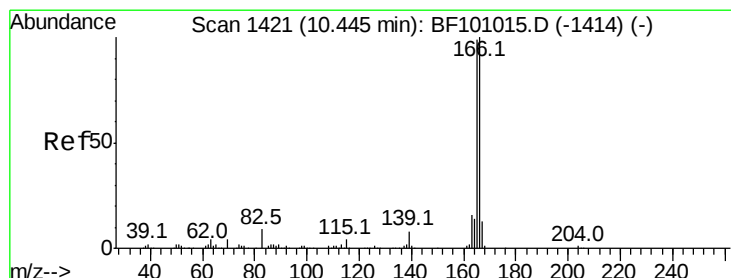
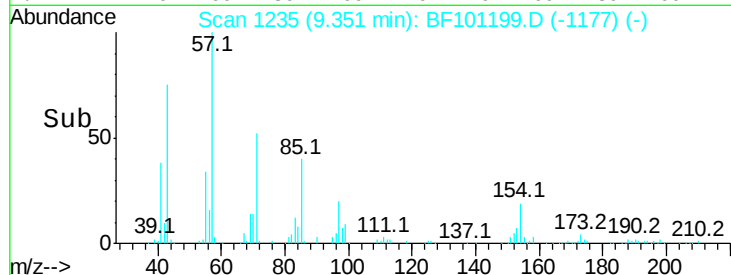
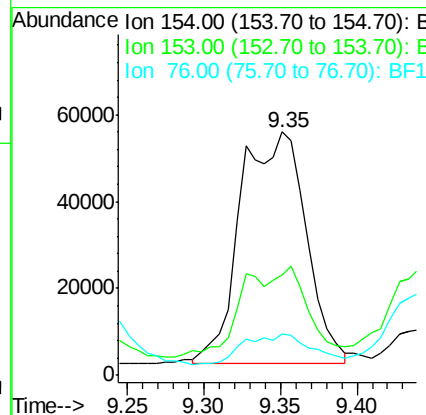
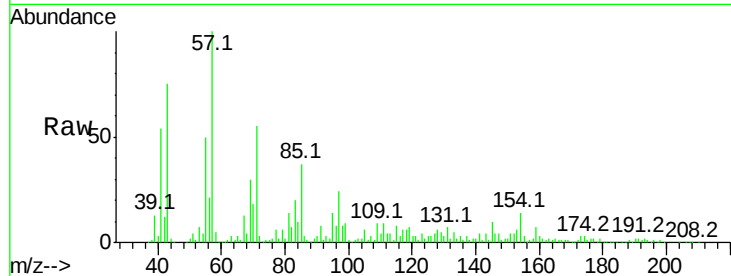
Concen: 20.441 ng m
RT: 9.35 min Scan# 1235
Delta R.T. 0.04 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Instrument :
BNA_F
ClientSampleId :
TOTES-1-4

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	21.3	61.3	
76	16.9	0.0	34.0	

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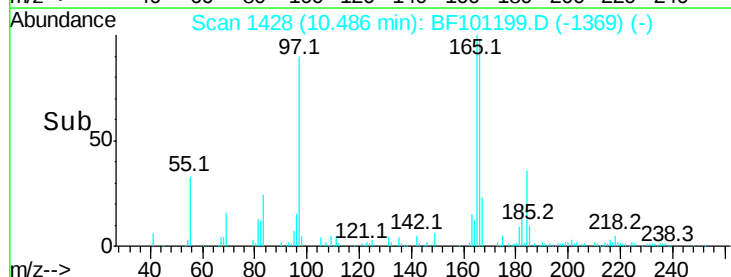
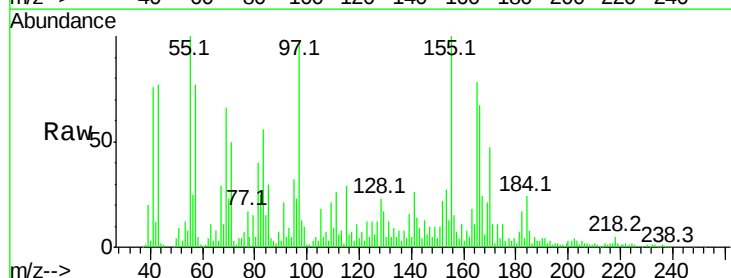
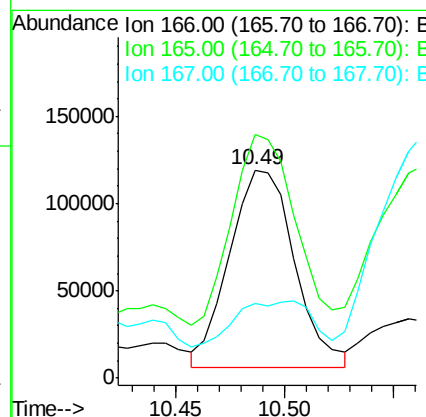


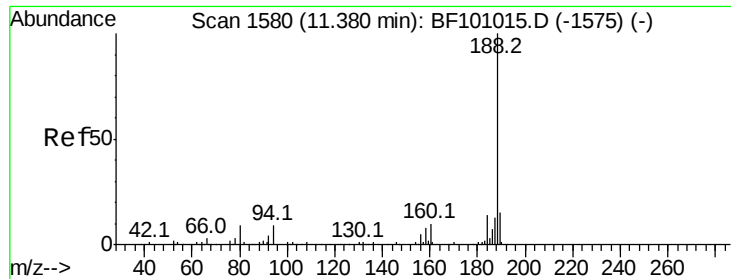
#57

Fluorene

Concen: 37.186 ng m
RT: 10.49 min Scan# 1428
Delta R.T. 0.05 min
Lab File: BF101199.D
Acq: 7 Dec 2017 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	117.1	79.8	119.8	
167	35.7	10.6	16.0	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.05 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

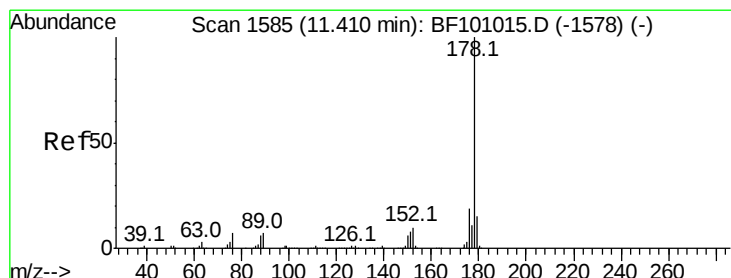
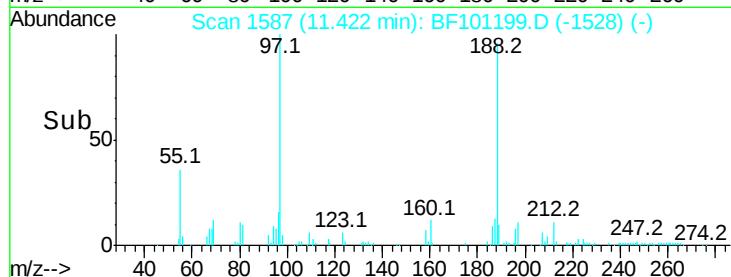
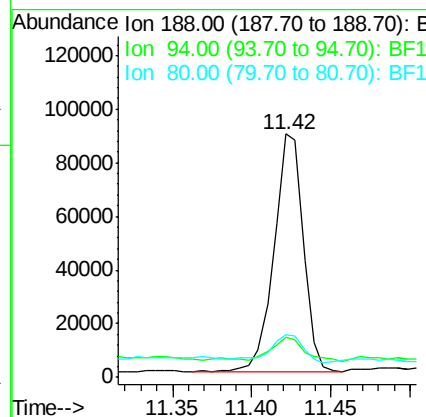
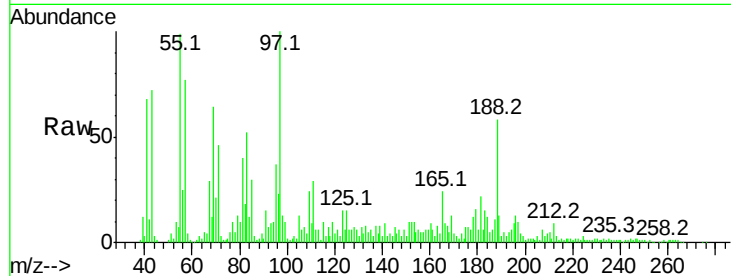
ClientSampleId :

TOTES-1-4

Tot Ion:	188	Resp:	114563
Ion Ratio	Lower	Upper	
188	100		
94	16.5	8.5	12.7#
80	17.7	9.2	13.8#

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#70

Phenanthrene

Concen: 114.534 ng

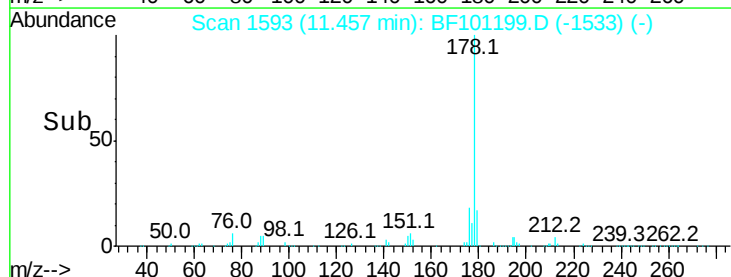
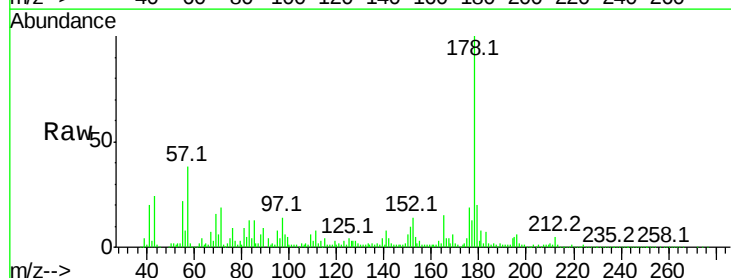
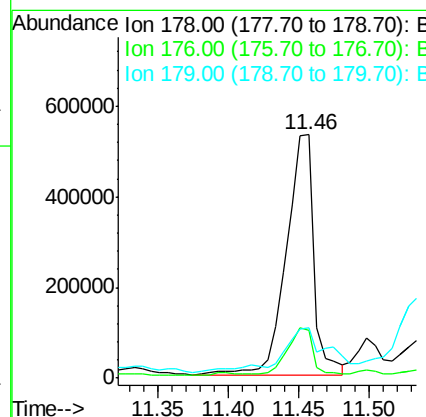
RT: 11.46 min Scan# 1593

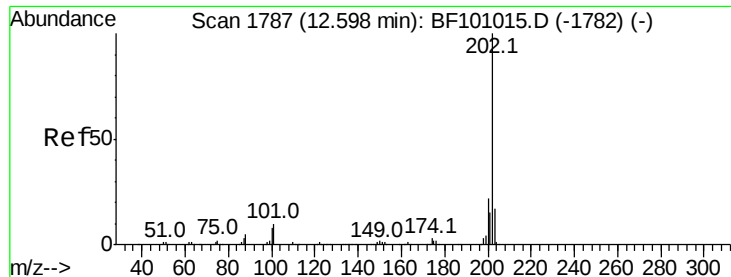
Delta R.T. 0.05 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Tgt Ion:	178	Resp:	722589
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.8	23.8
179	20.5	13.0	19.6#





#74

Fluoranthene

Concen: 4.389 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.02 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

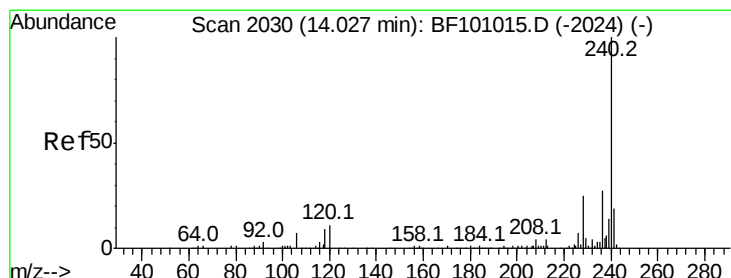
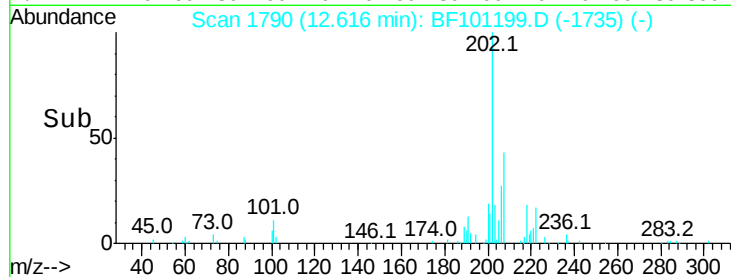
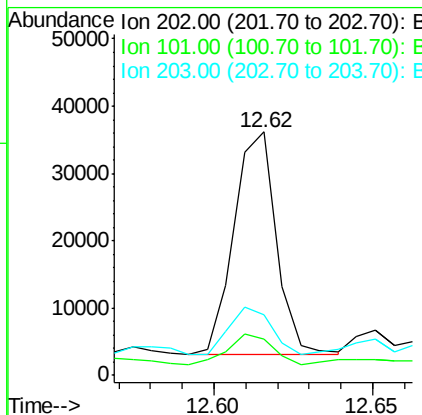
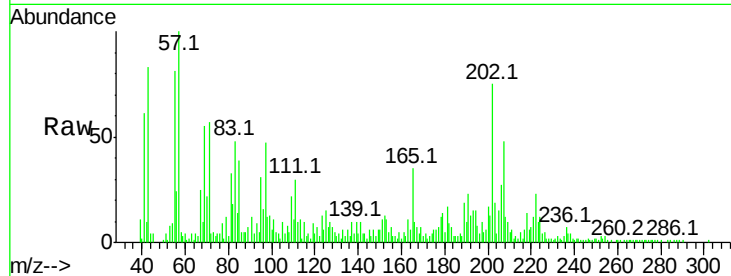
ClientSampled :

TOTES-1-4

Tot Ion:	202	Resp:	30697
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	34.1
203	24.9	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

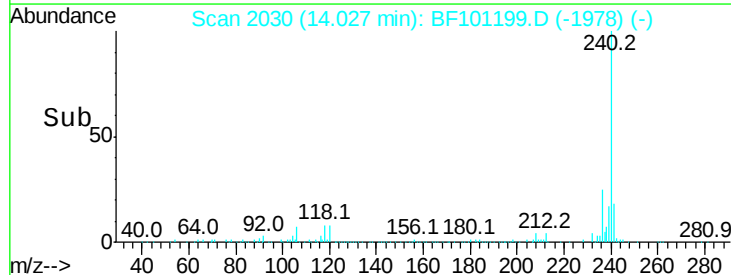
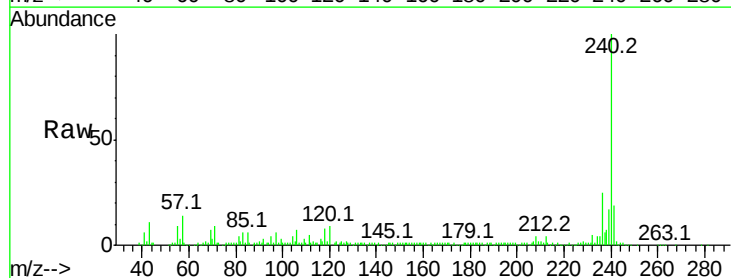
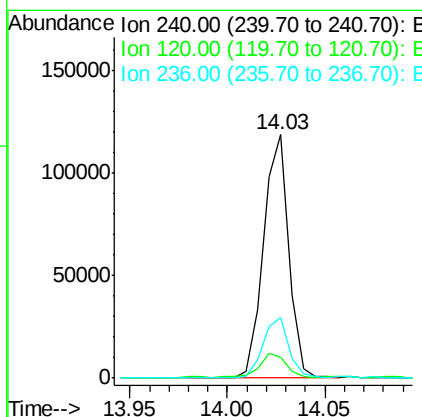
RT: 14.03 min Scan# 2030

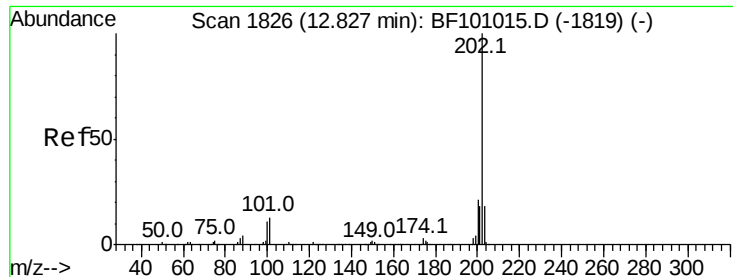
Delta R.T. 0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Tgt Ion:	240	Resp:	106076
Ion Ratio	Lower	Upper	
240	100		
120	8.8	9.5	14.3#
236	25.0	20.7	31.1





#77

Pvrene

Concen: 8.241 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.02 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

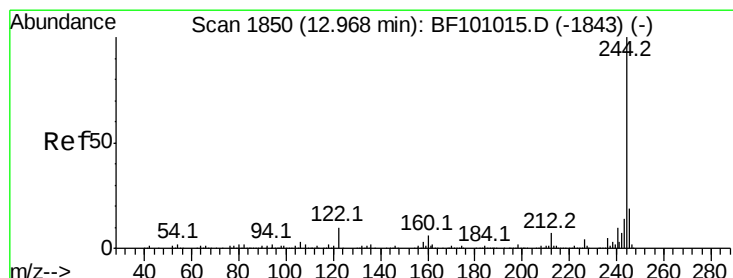
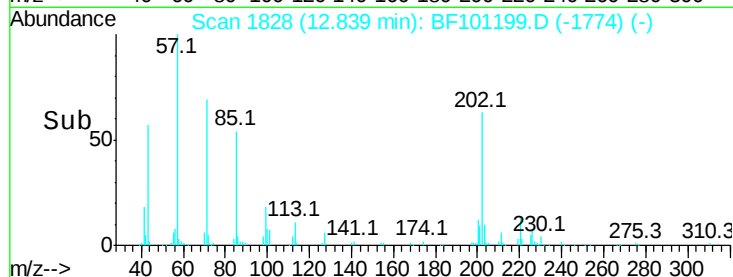
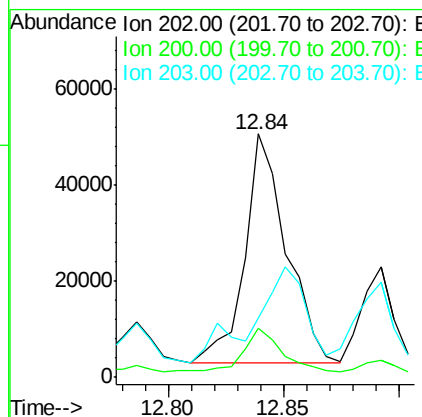
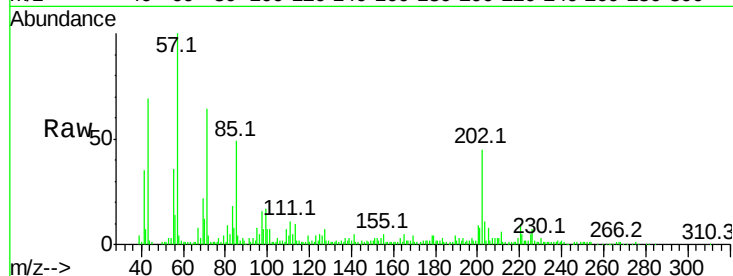
ClientSampleId :

TOTES-1-4

Tot Ion:	202	Resp:	60324
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.4	26.2
203	24.2	14.3	21.5#

Manual Integrations
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#78

Terphenyl-d14

Concen: 99.837 ng

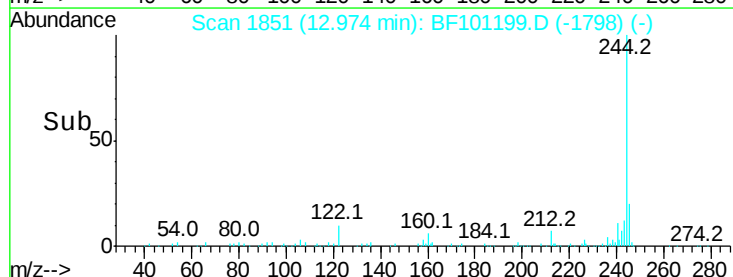
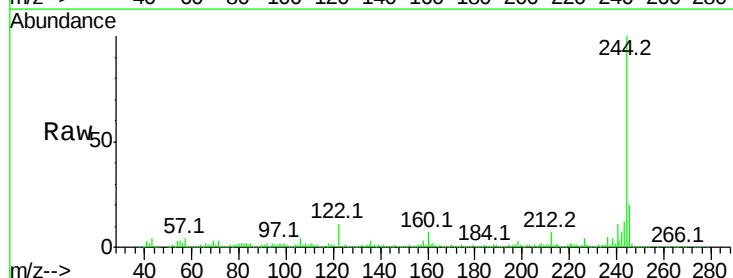
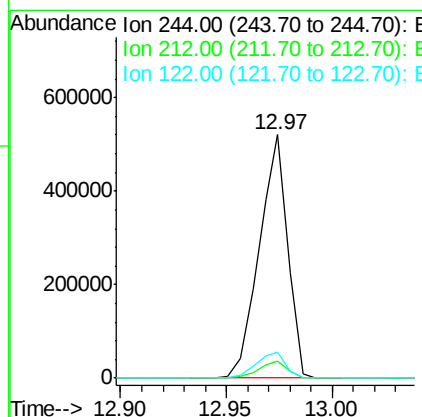
RT: 12.97 min Scan# 1851

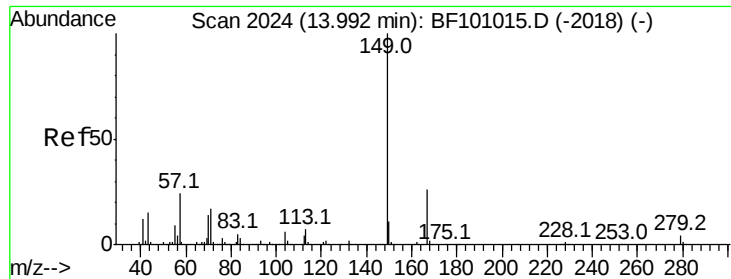
Delta R.T. 0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Tgt Ion:	244	Resp:	484179
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	10.7	11.0	16.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 65.458 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Instrument :

BNA_F

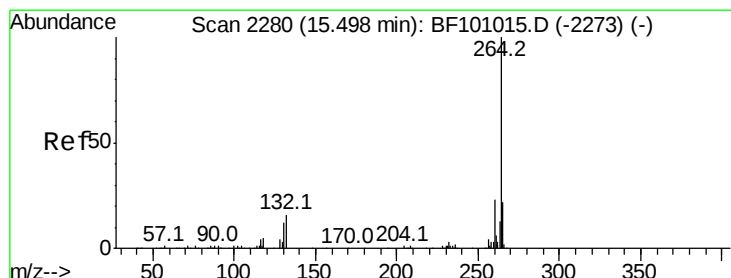
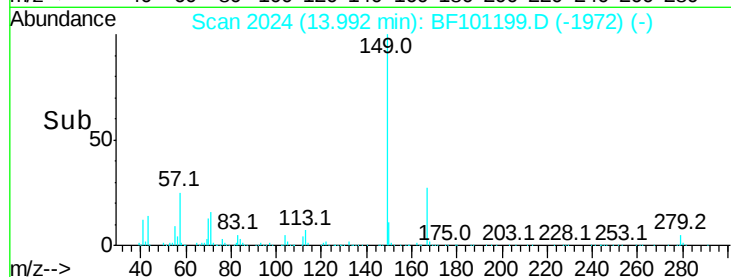
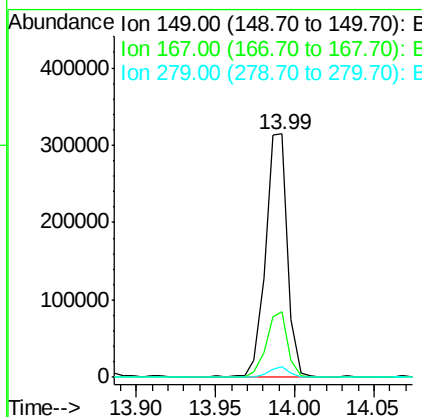
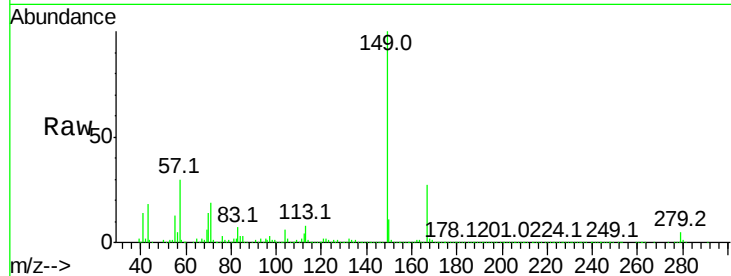
ClientSampleId :

TOTES-1-4

Tot Ion:	149	Resp:	301197
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.3	31.9
279	4.6	3.0	4.4#

Manual Integrations
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Sohil
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF101199.D

Acq: 7 Dec 2017 12:33

Tgt Ion:	264	Resp:	105969
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.2	28.8
265	22.7	17.5	26.3

