

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100432.D
 Acq On : 11 Nov 2017 11:27
 Operator : SJ/JU
 Sample : I6399-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-B

Manual Integrations
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 11/13/2017 4:54:06 PM

Quant Time: Nov 13 02:22:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	150142	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	531888	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	197012	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	303121	20.00	ng	0.00
75) Chrysene-d12	14.07	240	318179	20.00	ng	0.00
86) Perylene-d12	15.55	264	266177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	606760	64.78	ng	0.00
7) Phenol-d6	6.52	99	723567	62.65	ng	0.00
23) Nitrobenzene-d5	7.46	82	438182	54.47	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	114953	57.26	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	706560	54.61	ng	0.00
78) Terphenyl-d14	13.01	244	488935	35.31	ng	0.00
Target Compounds						
10) Phenol	6.53	94	33765	2.785	ng	Qvalue 100
49) Dimethylphthalate	9.65	163	42148	2.802	ng	98
74) Fluoranthene	12.64	202	35334	2.089	ng	98
87) Benzo(b)fluoranthene	15.12	252	31782m	2.015	ng	

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

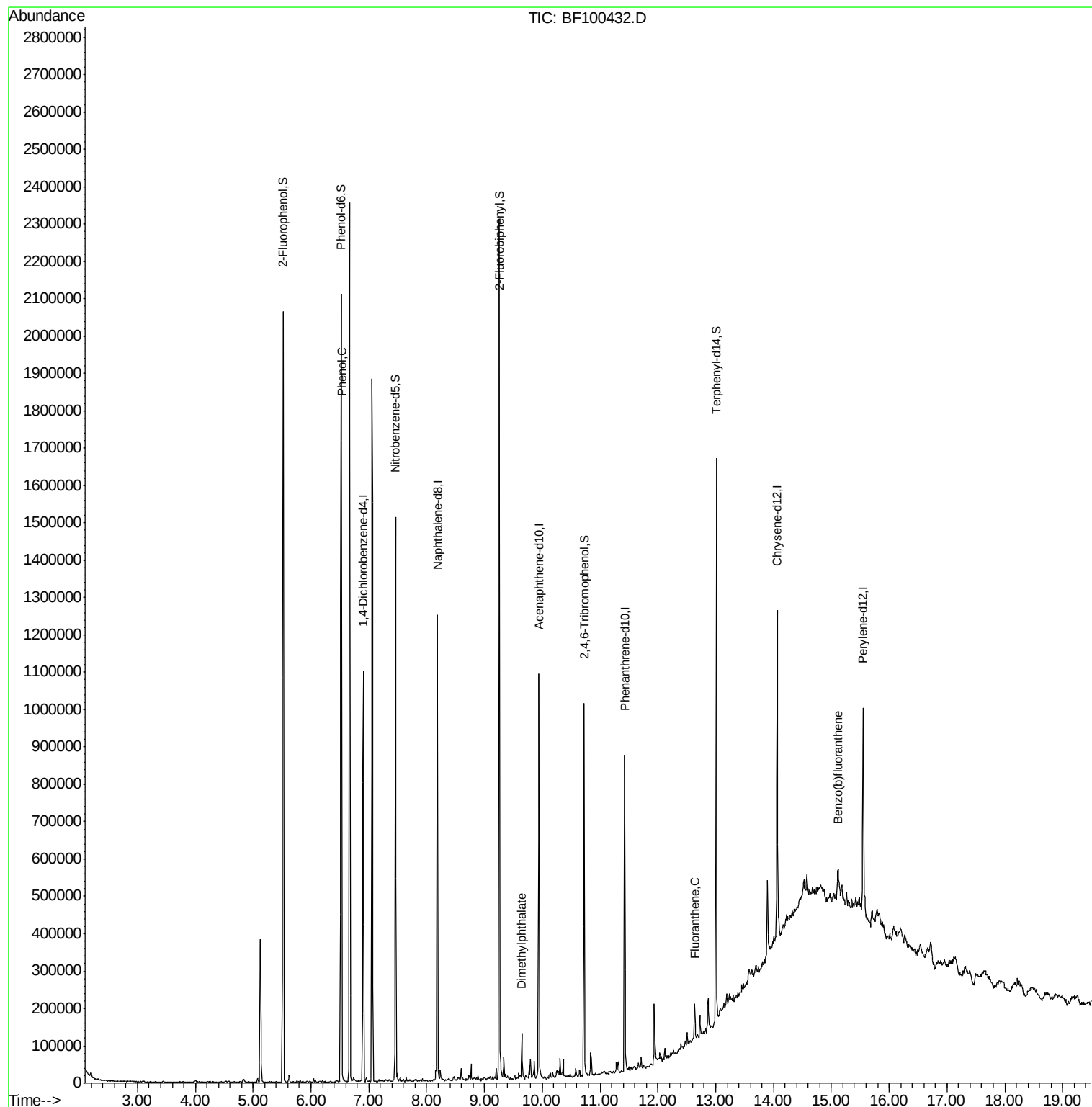
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100432.D
Acq On : 11 Nov 2017 11:27
Operator : SJ/JU
Sample : I6399-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

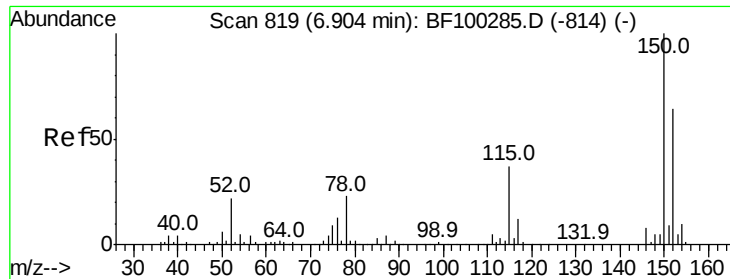
Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-B

Manual Integrations
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11/13/2017 4:54:06 PM

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#1

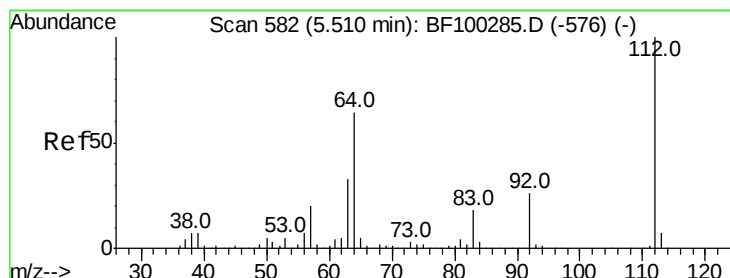
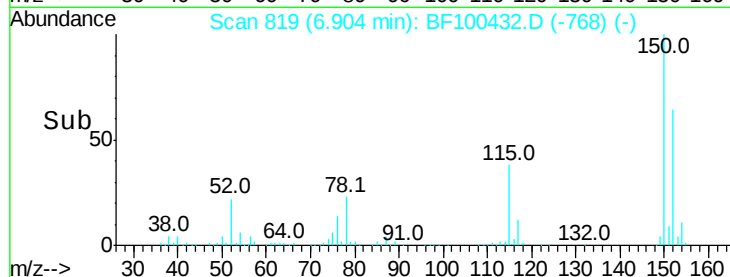
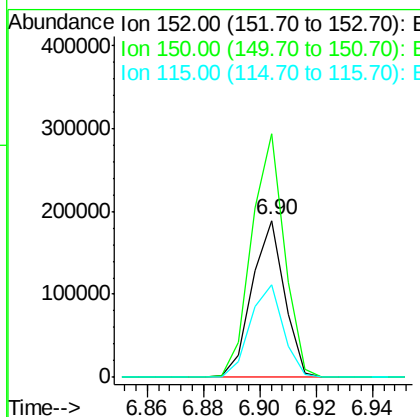
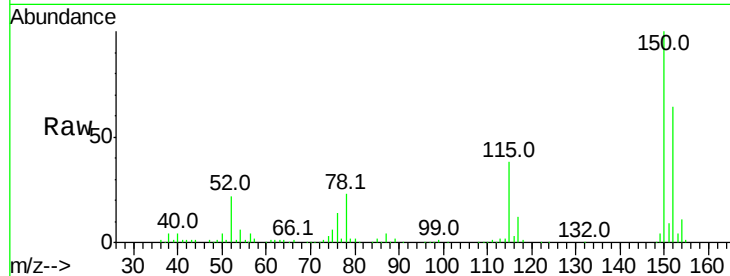
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100432.D
Acq: 11 Nov 2017 11:27

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	59.1	50.1	75.1

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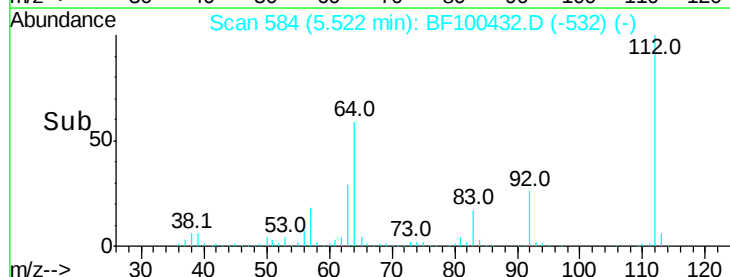
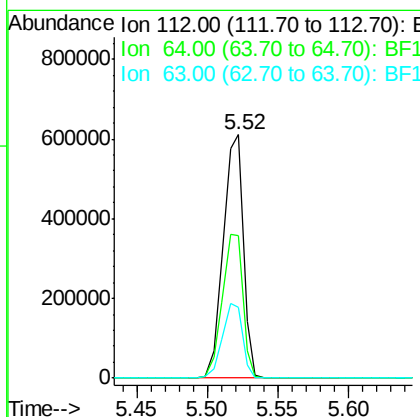
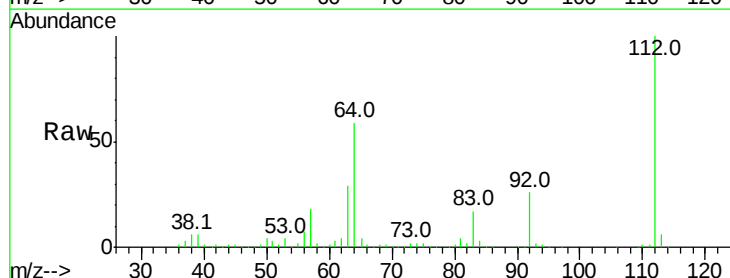
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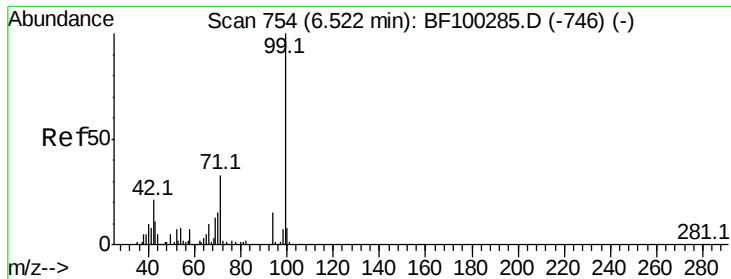


#5

2-Fluorophenol
Concen: 64.781 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100432.D
Acq: 11 Nov 2017 11:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	29.2	23.7	35.5





#7

Phenol-d6

Concen: 62.647 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100432.D

Acq: 11 Nov 2017 11:27

Instrument :

BNA_F

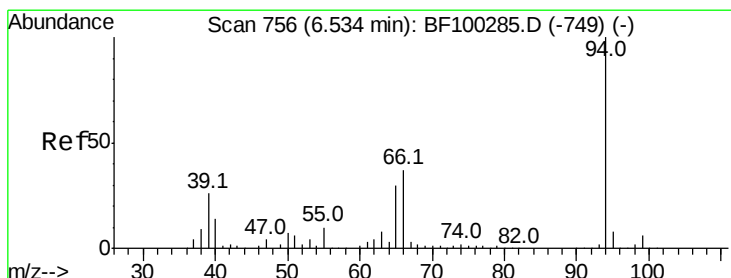
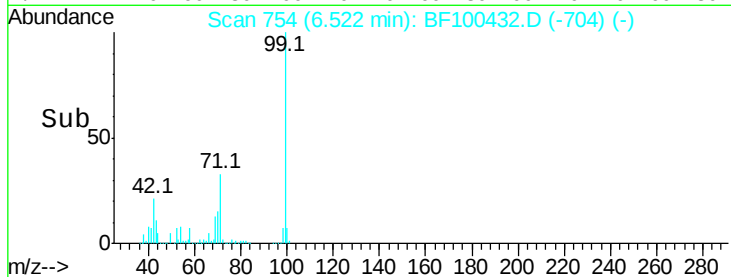
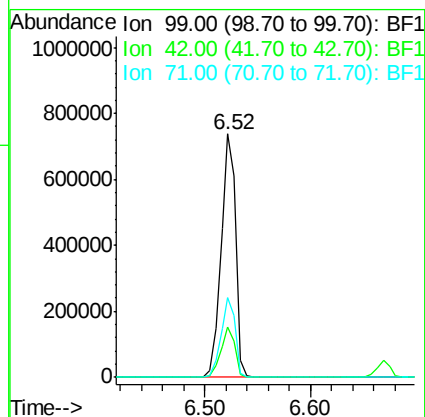
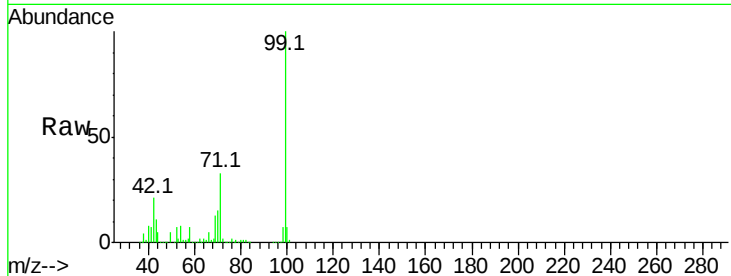
ClientSampleId :

TP-13-A-13-B

Tot Ion:	99	Resp:	723567
Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	32.8	25.4	38.0

Manual Integrations
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#10

Phenol

Concen: 2.785 ng

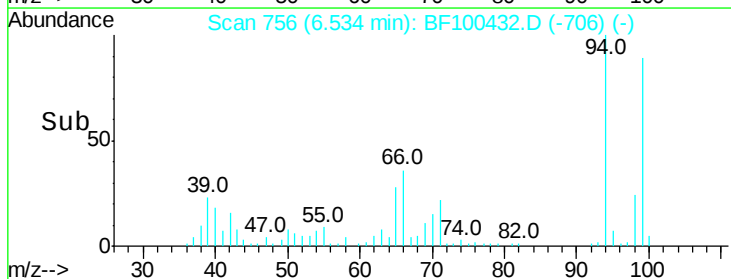
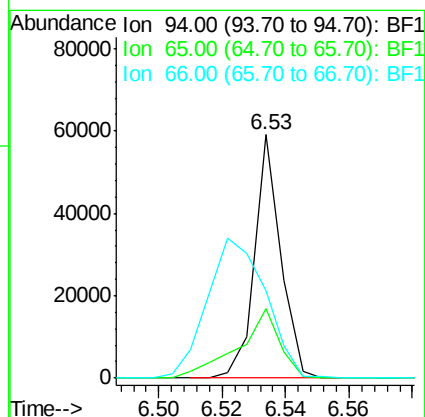
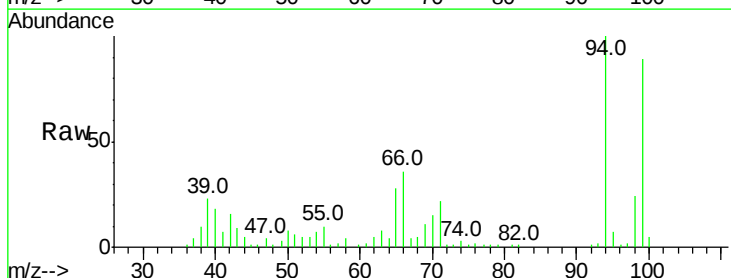
RT: 6.53 min Scan# 756

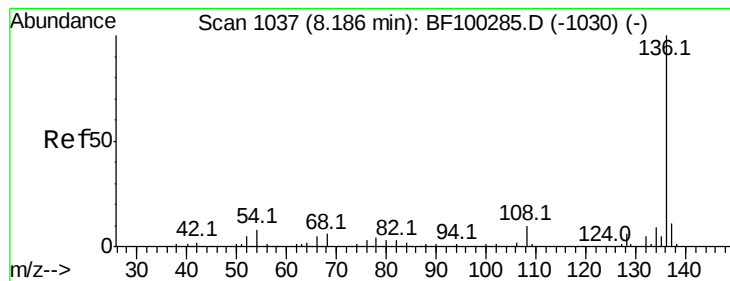
Delta R.T. -0.01 min

Lab File: BF100432.D

Acq: 11 Nov 2017 11:27

Tgt Ion:	94	Resp:	33765
Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.9	47.9
66	36.2	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100432.D

Acq: 11 Nov 2017 11:27

Instrument :

BNA_F

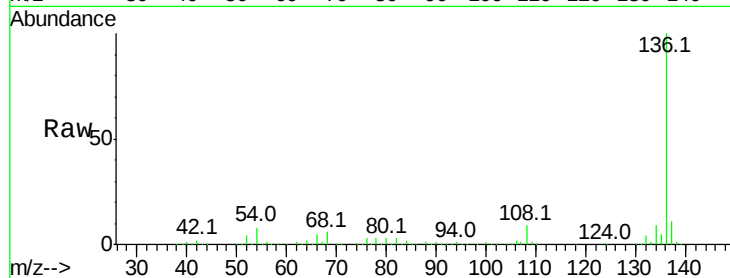
ClientSampleId :

TP-13-A-13-B

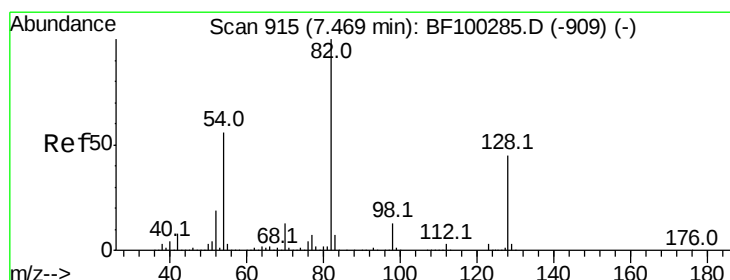
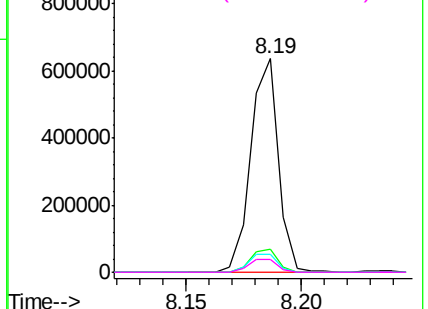
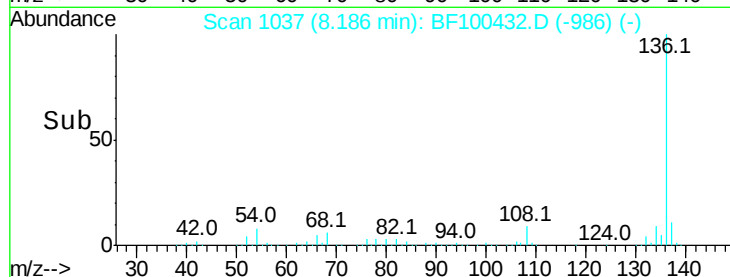
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.2	6.6	9.8
68	5.8	5.0	7.4

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Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 54.466 ng

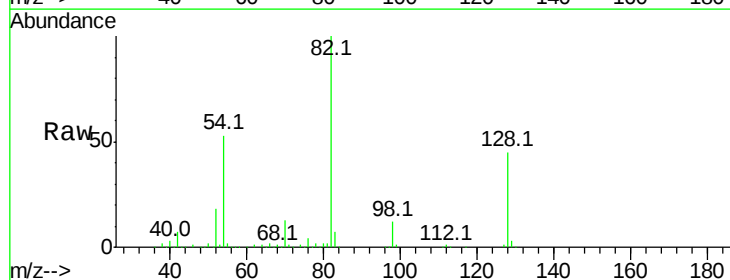
RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

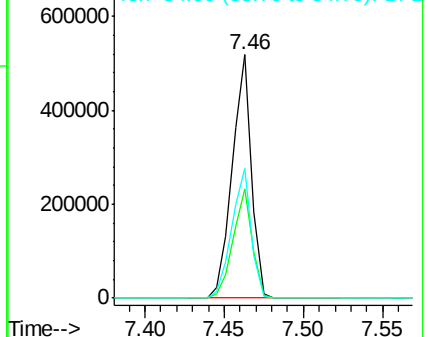
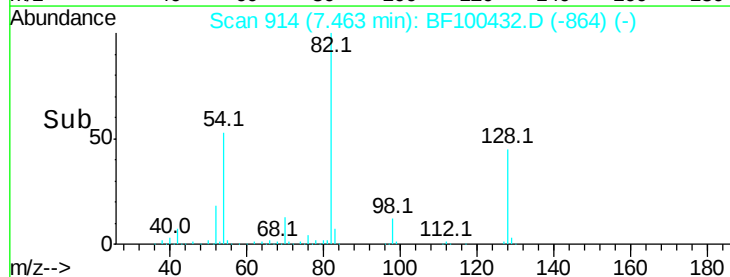
Lab File: BF100432.D

Acq: 11 Nov 2017 11:27

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.9	36.1	54.1
54	53.1	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





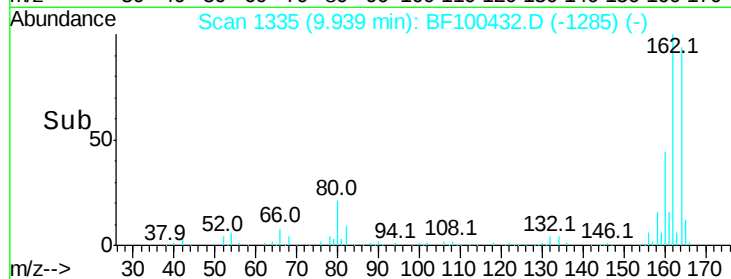
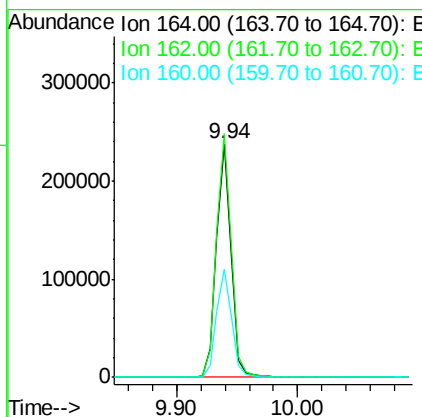
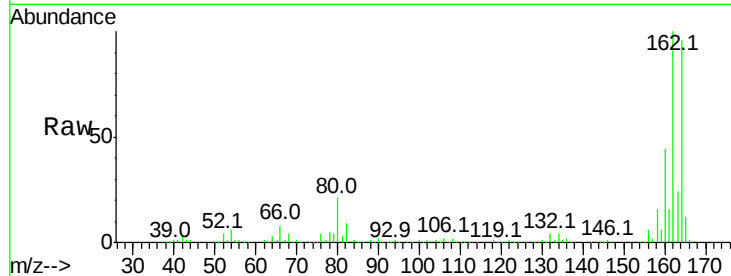
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100432.D
Acq: 11 Nov 2017 11:27

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100	197012		
162	104.1	86.1	129.1	
160	46.2	38.3	57.5	

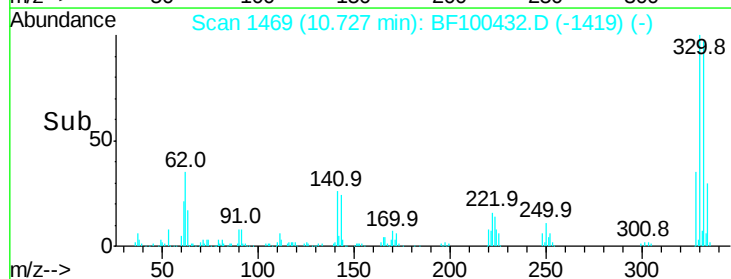
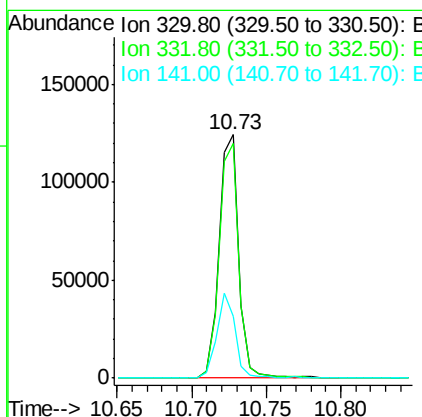
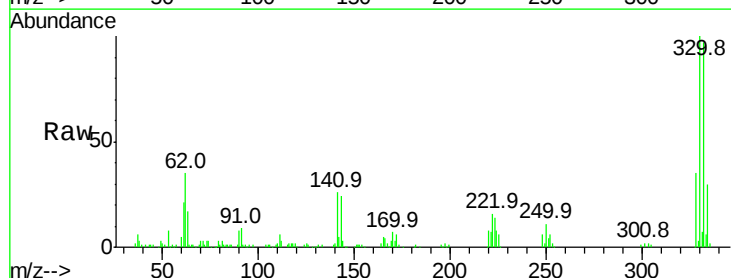
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#41
2,4,6-Tribromophenol
Concen: 57.260 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100432.D
Acq: 11 Nov 2017 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	114953		
332	97.2	77.0	115.6	
141	32.9	29.9	44.9	





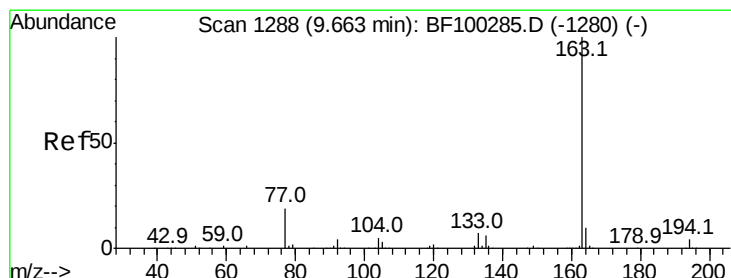
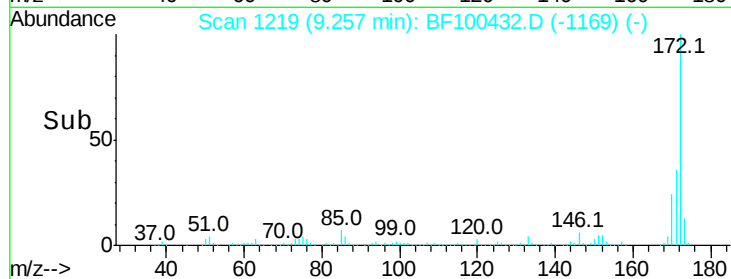
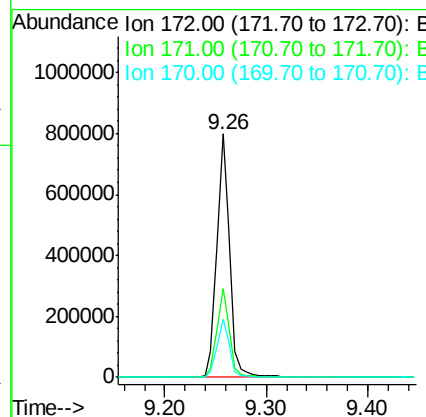
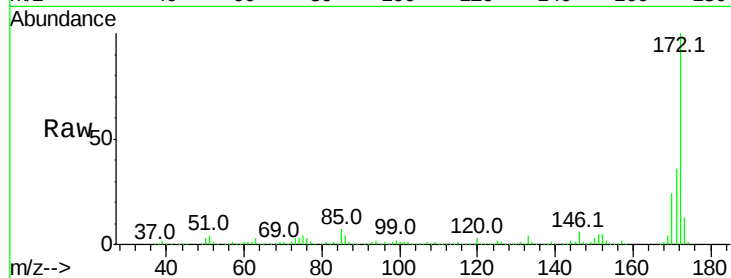
#44
2-Fluorobiphenyl
Concen: 54.610 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100432.D
Acq: 11 Nov 2017 11:27

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-B

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	23.7	19.6	29.4	

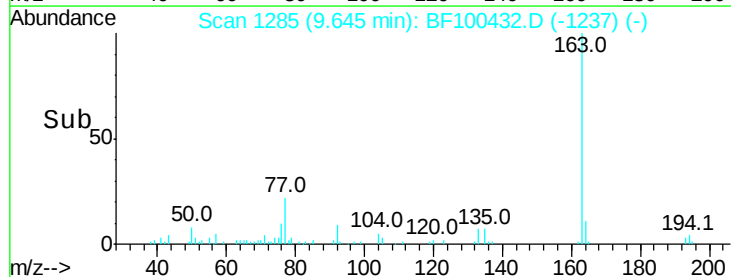
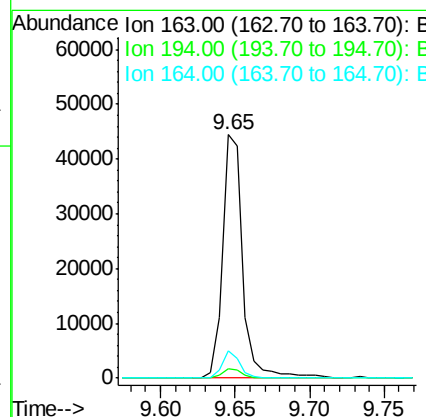
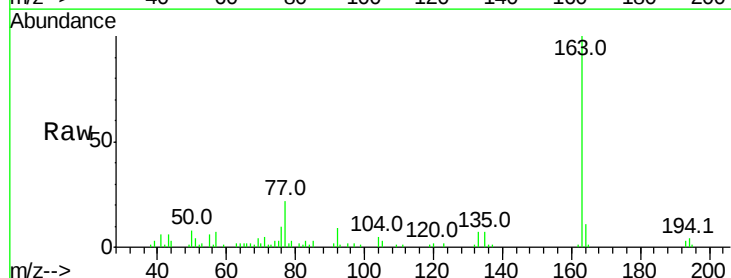
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11/13/2017 4:54:06 PM



#49
Dimethylphthalate
Concen: 2.802 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100432.D
Acq: 11 Nov 2017 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	11.0	8.2	12.2	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100432.D

Acq: 11 Nov 2017 11:27

Instrument :

BNA_F

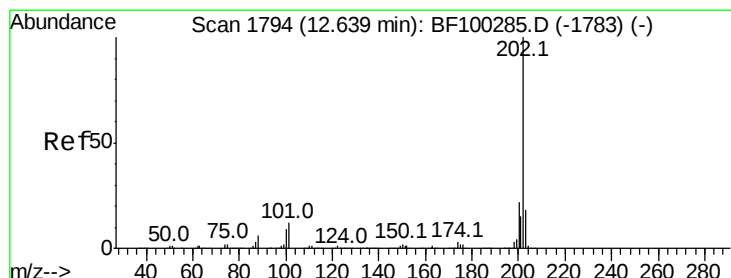
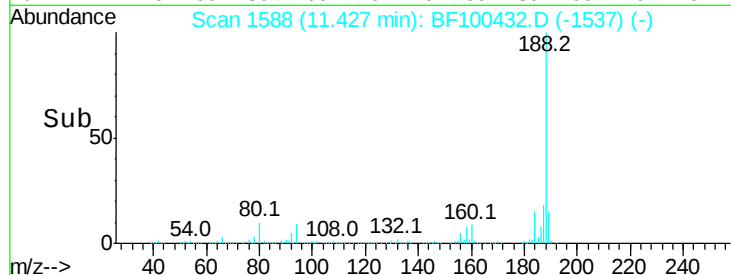
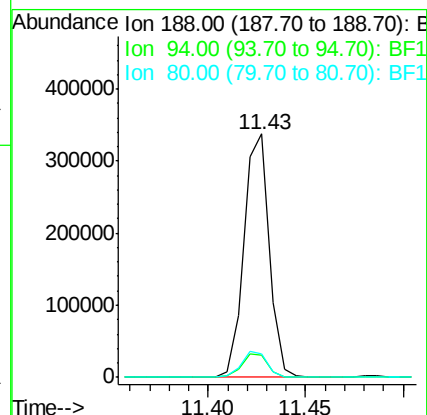
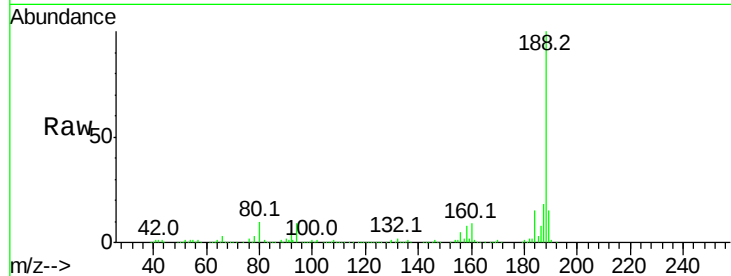
ClientSampleId :

TP-13-A-13-B

Tot Ion:	188	Resp:	303121
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.5	12.7
80	9.8	9.2	13.8

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#74

Fluoranthene

Concen: 2.089 ng

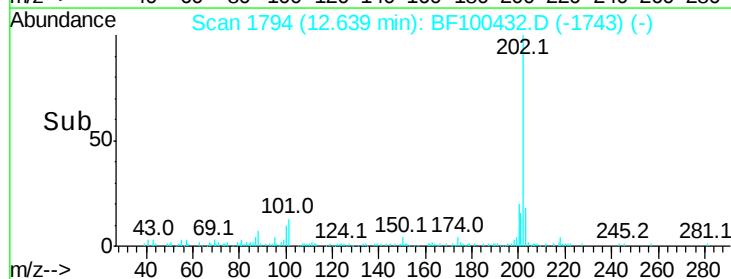
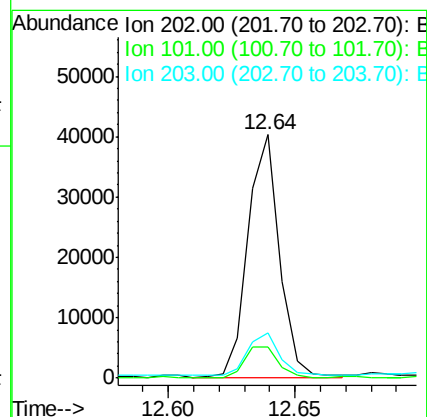
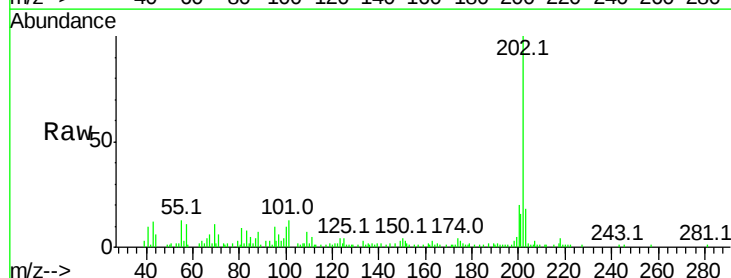
RT: 12.64 min Scan# 1794

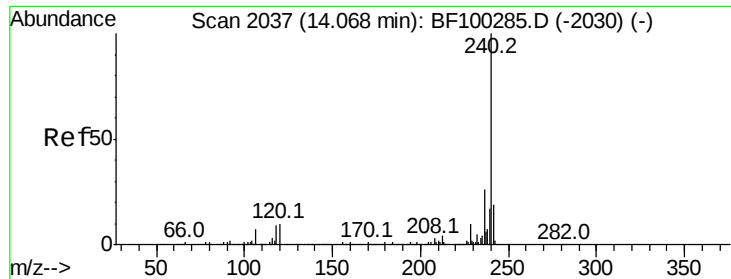
Delta R.T. -0.00 min

Lab File: BF100432.D

Acq: 11 Nov 2017 11:27

Tgt Ion:	202	Resp:	35334
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	34.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100432.D

Acq: 11 Nov 2017 11:27

Instrument :

BNA_F

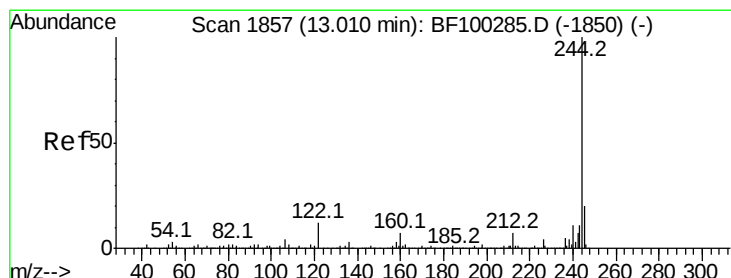
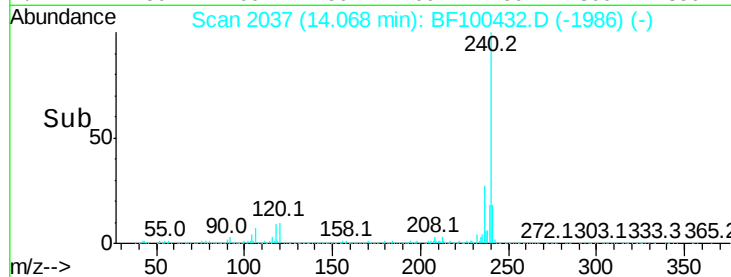
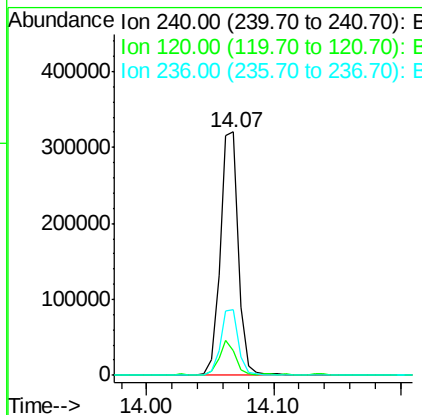
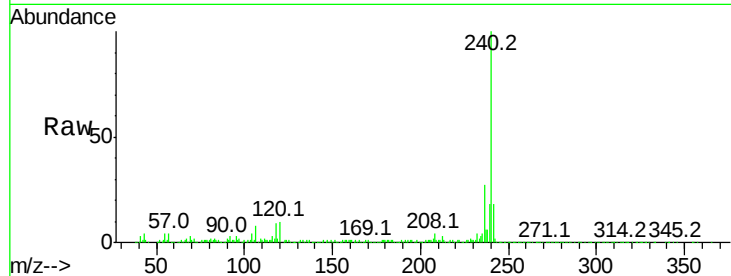
ClientSampleId :

TP-13-A-13-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	27.0	20.7	31.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 35.308 ng

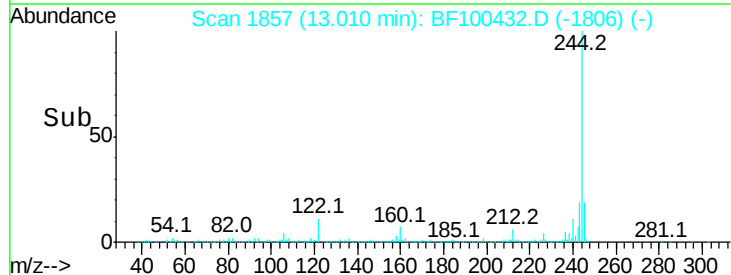
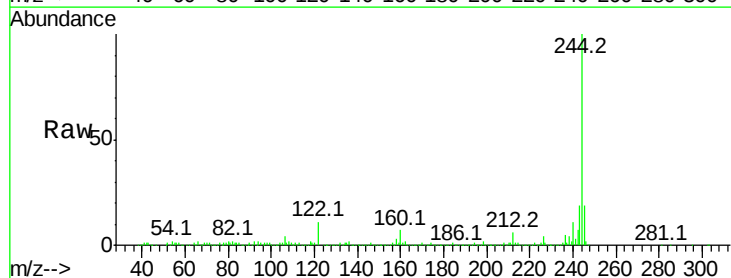
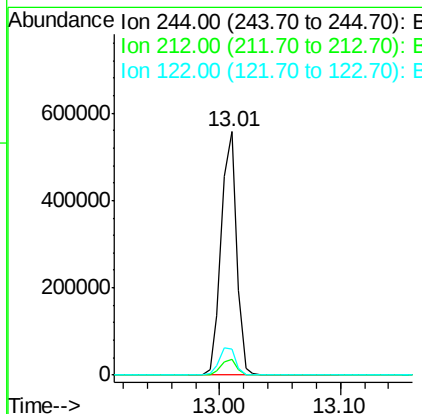
RT: 13.01 min Scan# 1857

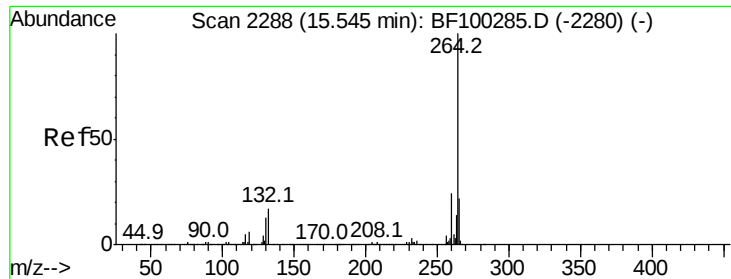
Delta R.T. -0.00 min

Lab File: BF100432.D

Acq: 11 Nov 2017 11:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.7	11.0	16.4





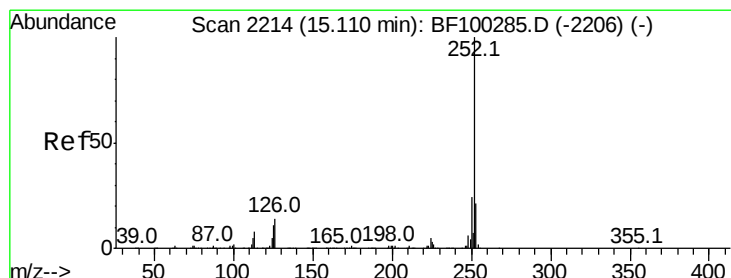
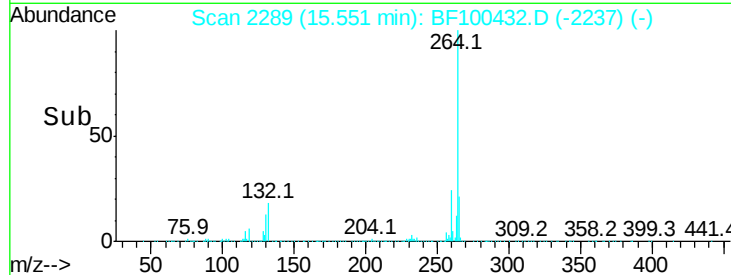
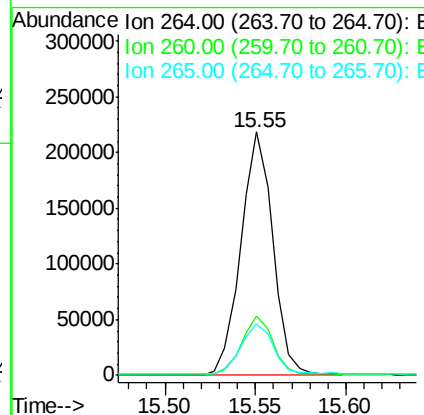
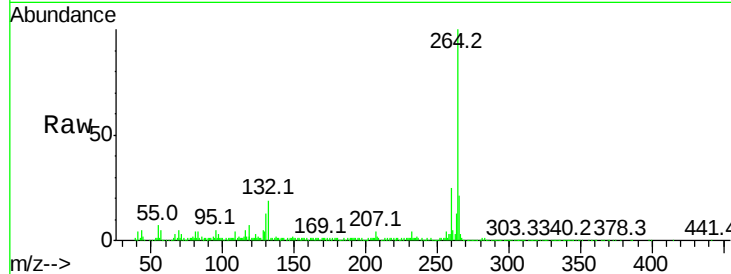
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100432.D
Acq: 11 Nov 2017 11:27

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-B

Tot Ion:	264	Resp:	266177
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.0	17.5	26.3

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:54:06 PM



#87
Benzo(b)fluoranthene
Concen: 2.015 ng m
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100432.D
Acq: 11 Nov 2017 11:27

Tgt Ion:	252	Resp:	31782
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.0	25.6
125	30.3	9.0	13.6#

