

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102437.D
 Acq On : 25 Jan 2018 21:32
 Operator : SJ/JU
 Sample : J1256-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-E-W-(SW4-8)

Manual Integrations
 APPROVED

Sohil
 1/26/2018 11:24:38 AM

Quant Time: Jan 26 00:55:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	129028	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	527393	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	231980	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	357709	20.00	ng	0.00
75) Chrysene-d12	13.88	240	206963	20.00	ng	0.00
86) Perylene-d12	15.33	264	194271	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	722415	84.89	ng	0.00
7) Phenol-d6	6.36	99	880991	85.87	ng	-0.01
23) Nitrobenzene-d5	7.28	82	532659	58.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	167915	73.05	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	858284	54.40	ng	0.00
78) Terphenyl-d14	12.83	244	565700	61.62	ng	0.00
Target Compounds						
10) Phenol	6.37	94	43821	3.913	ng	94
49) Dimethylphthalate	9.47	163	147336	7.684	ng	100
70) Phenanthrene	11.26	178	50801	2.437	ng	97
74) Fluoranthene	12.45	202	58353	2.745	ng	95
77) Pyrene	12.68	202	50088m	3.130	ng	
87) Benzo(b)fluoranthene	14.91	252	26195m	2.080	ng	

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

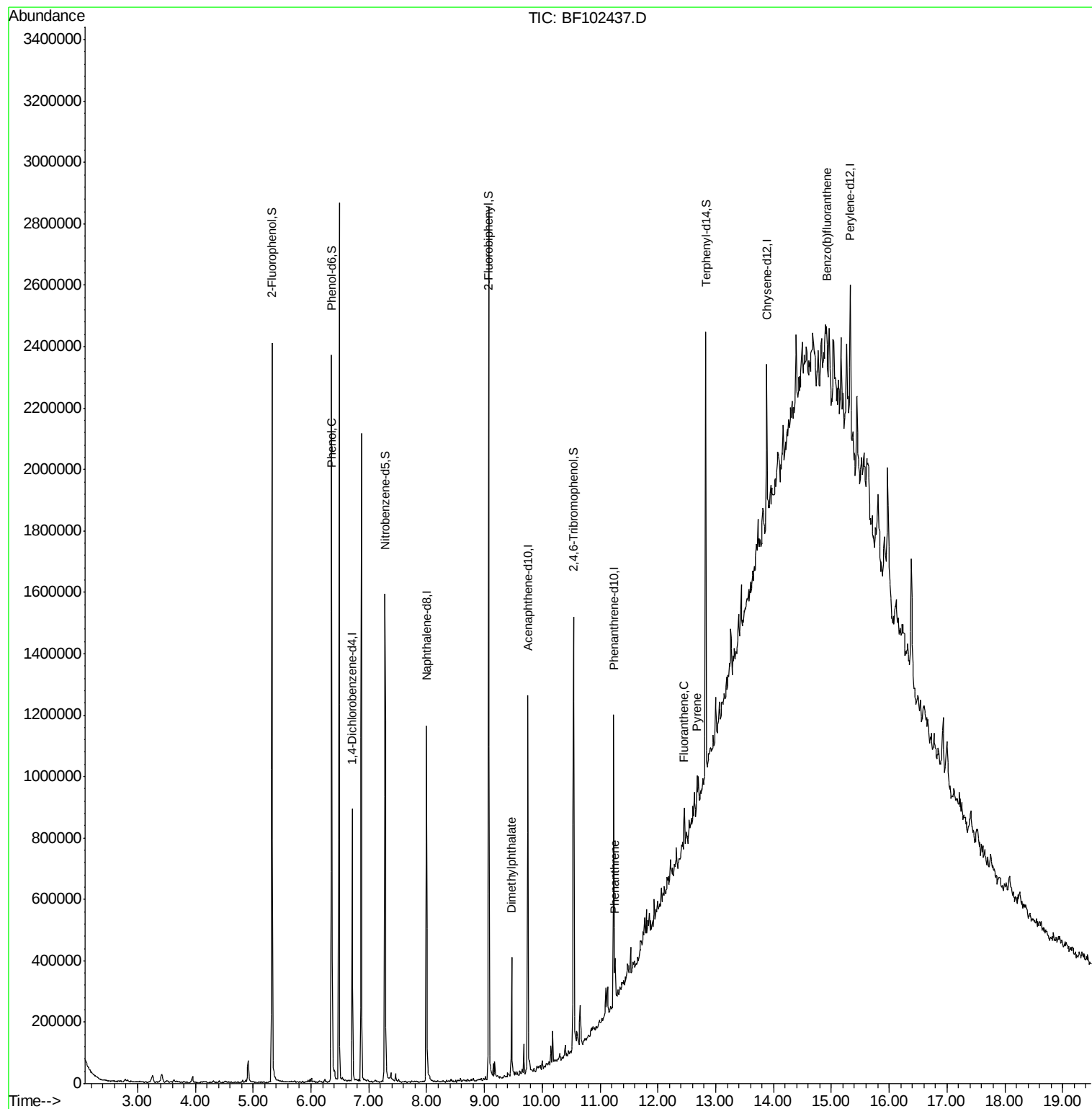
Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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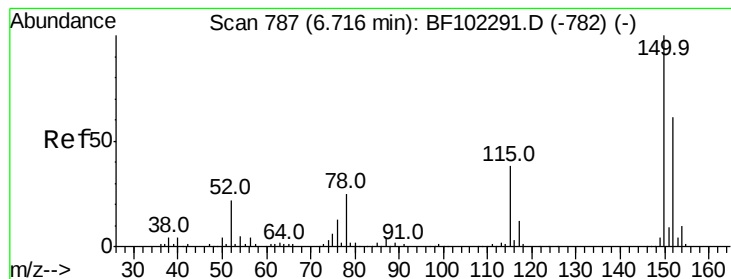
Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(SW4-8)

Manual Integrations
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#1

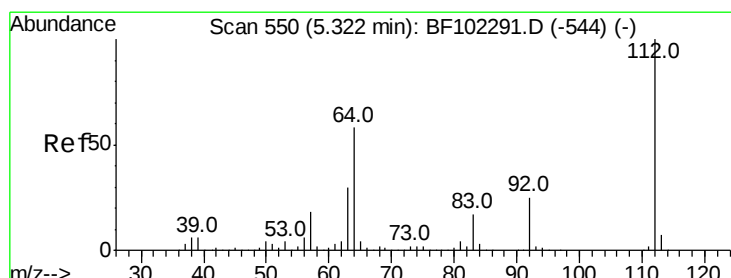
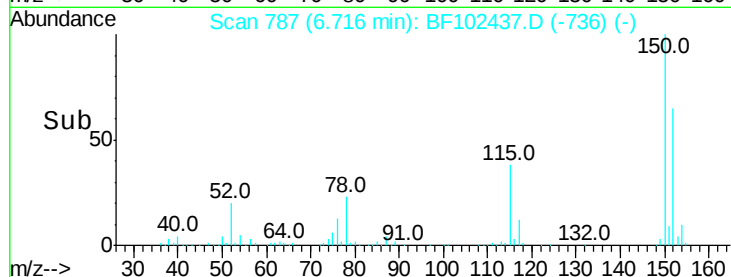
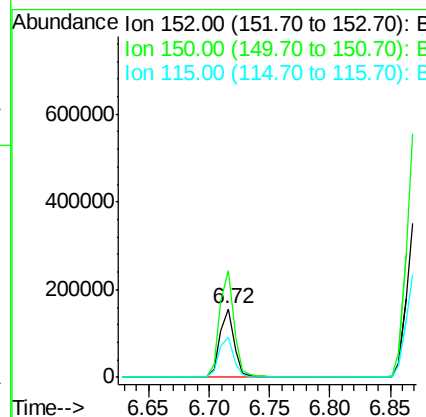
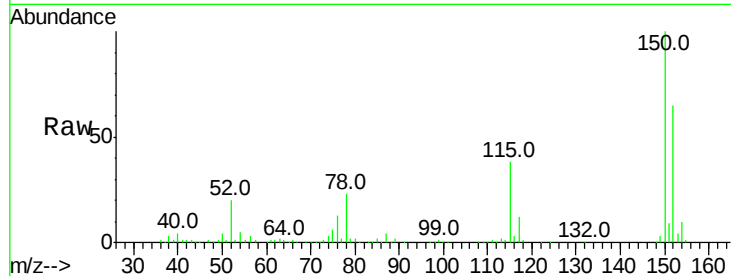
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102437.D
Acq: 25 Jan 2018 21:32

Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(SW4-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	58.1	50.1	75.1

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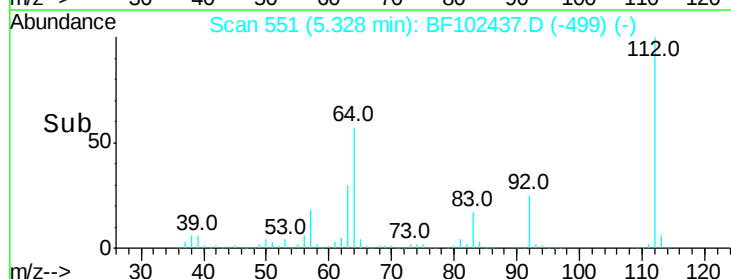
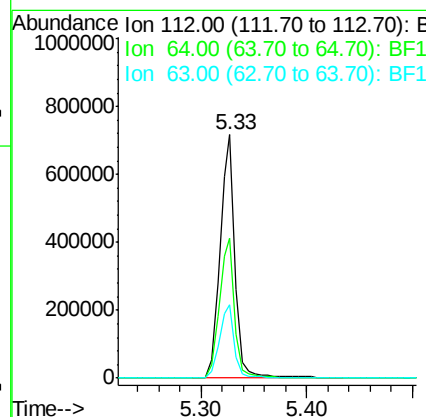
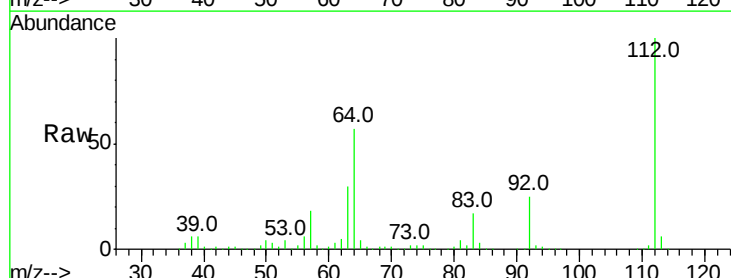
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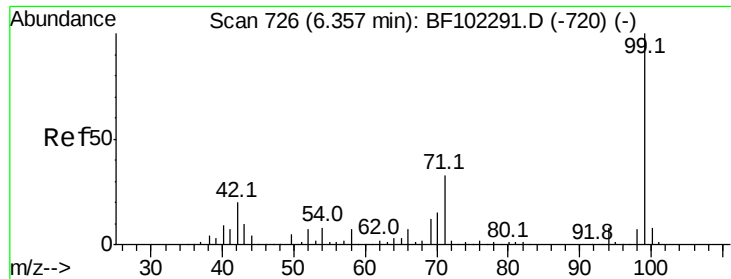


#5

2-Fluorophenol
Concen: 84.894 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102437.D
Acq: 25 Jan 2018 21:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 85.874 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102437.D

Acq: 25 Jan 2018 21:32

Instrument :

BNA_F

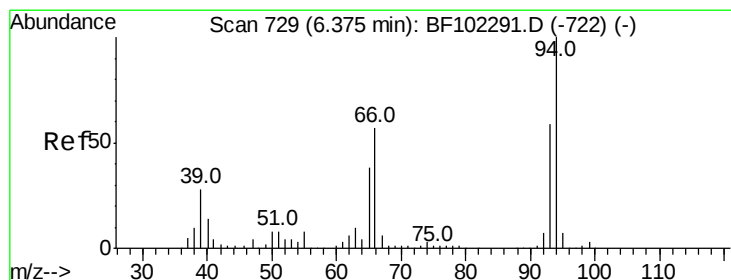
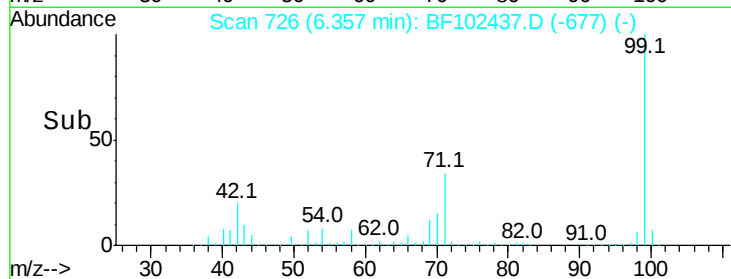
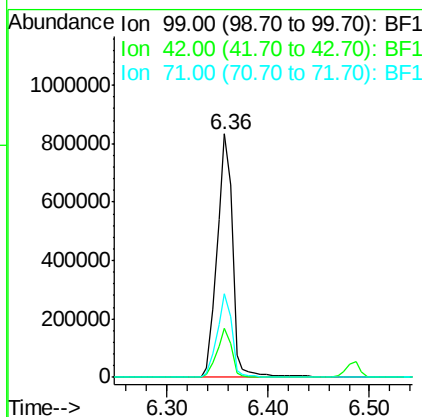
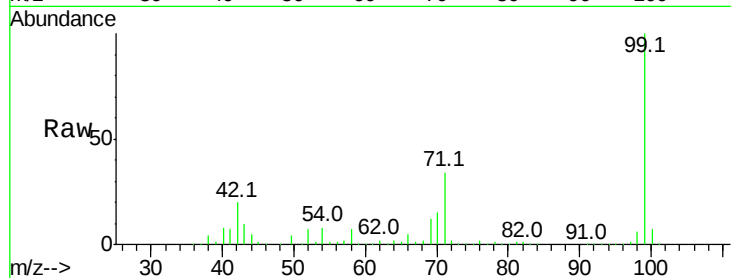
ClientSampleId :

DB-OF-E-W-(SW4-8)

Tot Ion:	99	Resp:	880991
Ion Ratio	Lower	Upper	
99	100		
42	19.9	14.5	21.7
71	34.3	25.4	38.0

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#10

Phenol

Concen: 3.913 ng

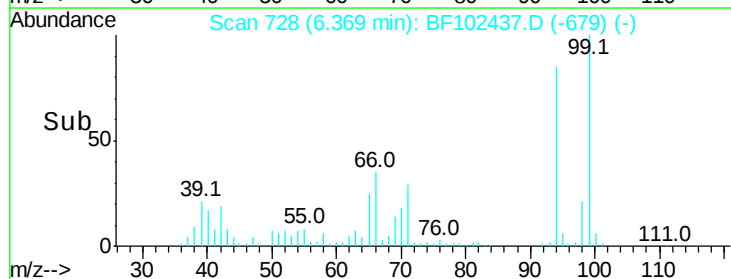
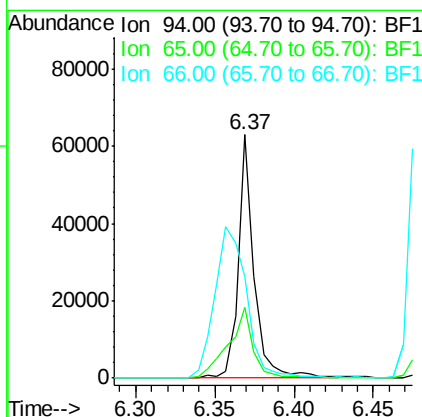
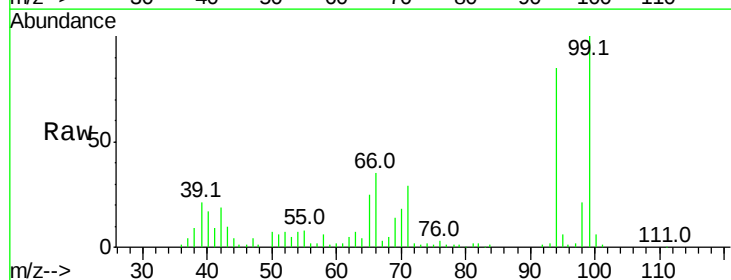
RT: 6.37 min Scan# 728

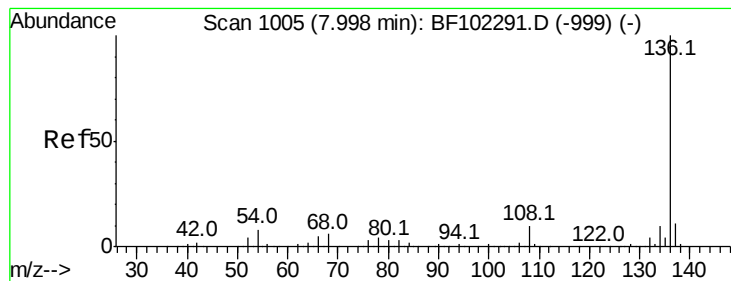
Delta R.T. -0.01 min

Lab File: BF102437.D

Acq: 25 Jan 2018 21:32

Tgt Ion:	94	Resp:	43821
Ion Ratio	Lower	Upper	
94	100		
65	29.1	7.9	47.9
66	41.4	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102437.D

Acq: 25 Jan 2018 21:32

Instrument :

BNA_F

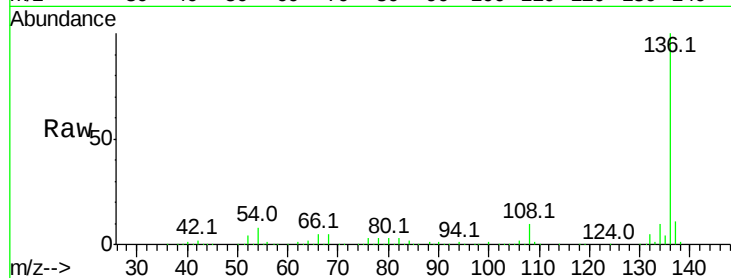
ClientSampleId :

DB-OF-E-W-(SW4-8)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	527393		
137	11.4		8.9	13.3
54	7.7		6.6	9.8
68	5.3		5.0	7.4

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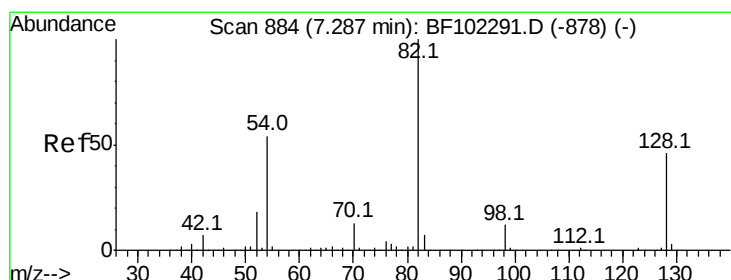
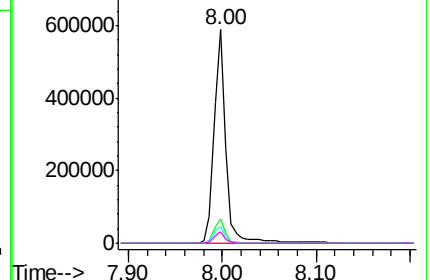
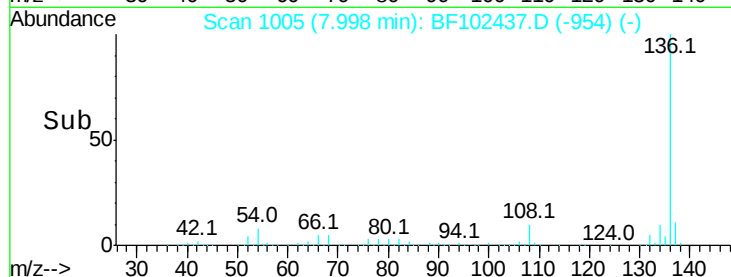


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.041 ng

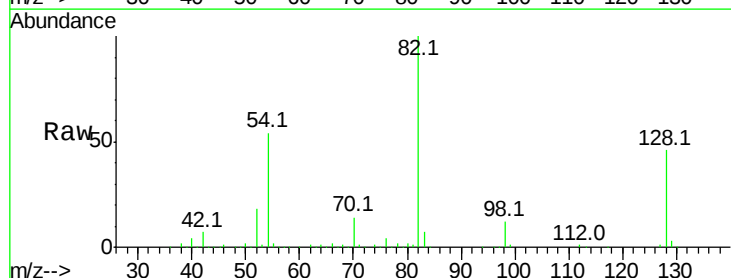
RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102437.D

Acq: 25 Jan 2018 21:32

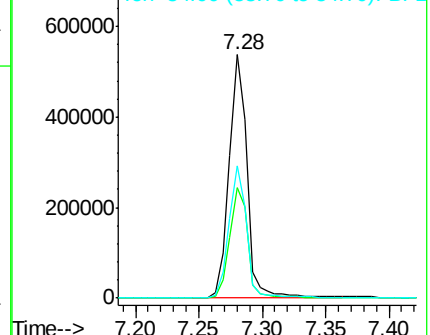
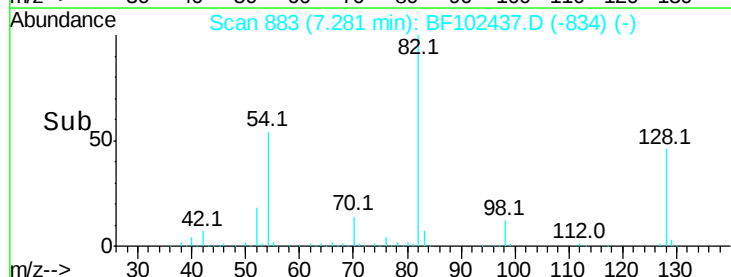
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	532659		
128	45.6		36.1	54.1
54	54.1		41.4	62.2

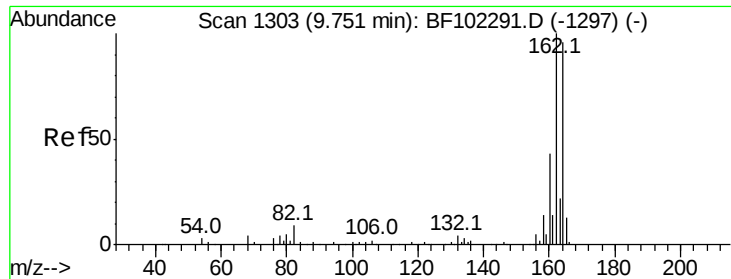


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102437.D

Acq: 25 Jan 2018 21:32

Instrument :

BNA_F

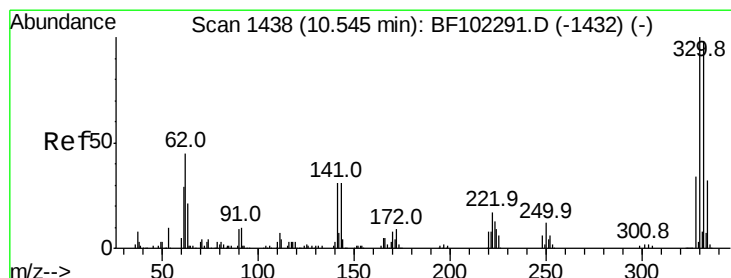
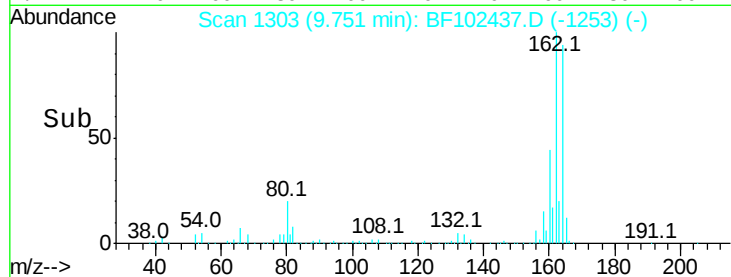
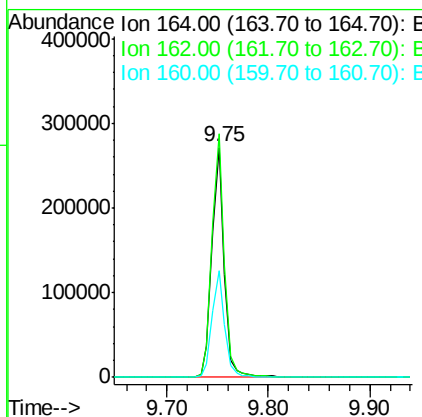
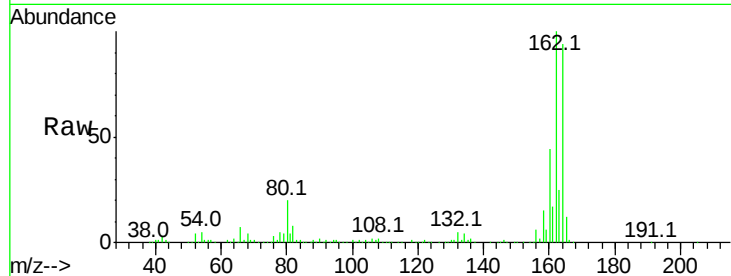
ClientSampleId :

DB-OF-E-W-(SW4-8)

Tot Ion:	164	Resp:	231980
Ion Ratio	Lower	Upper	
164	100		
162	105.9	86.1	129.1
160	46.1	38.3	57.5

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#41

2,4,6-Tribromophenol

Concen: 73.051 ng

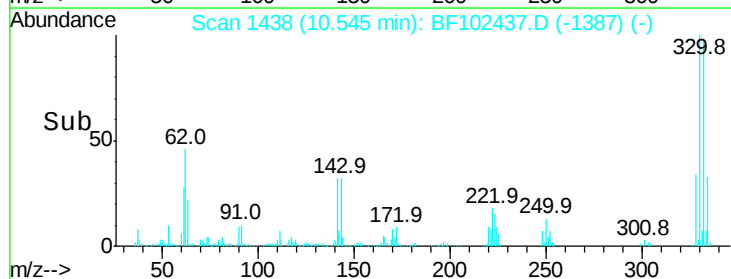
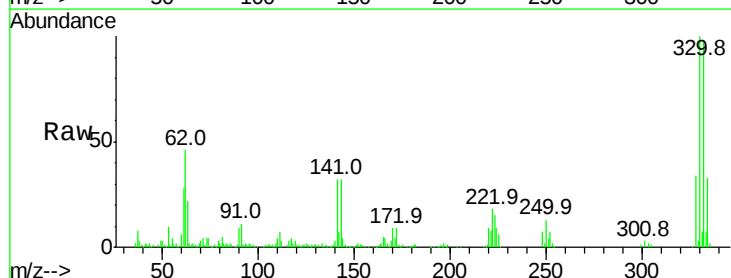
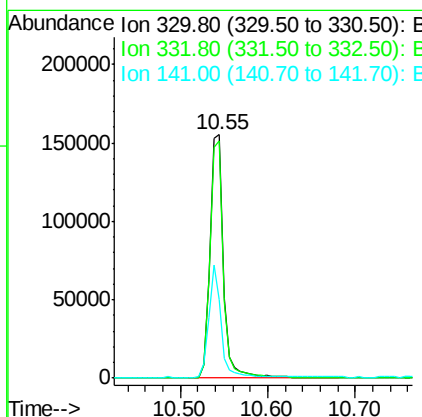
RT: 10.55 min Scan# 1438

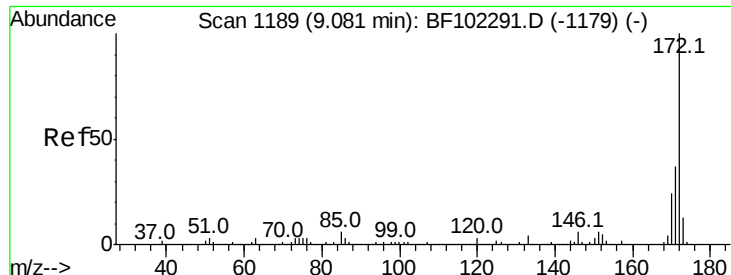
Delta R.T. 0.00 min

Lab File: BF102437.D

Acq: 25 Jan 2018 21:32

Tgt Ion:	330	Resp:	167915
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	41.8	29.9	44.9





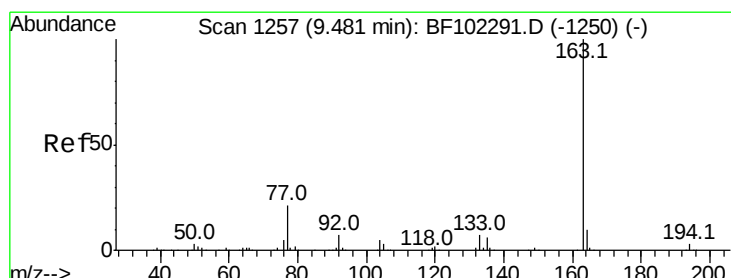
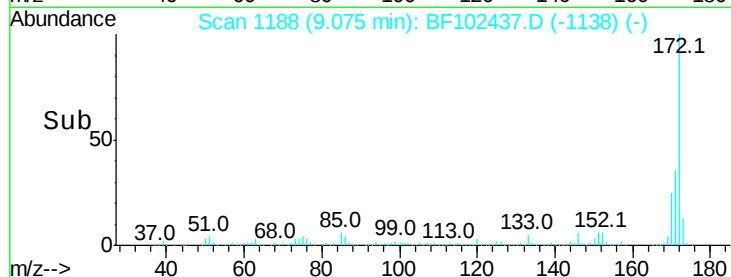
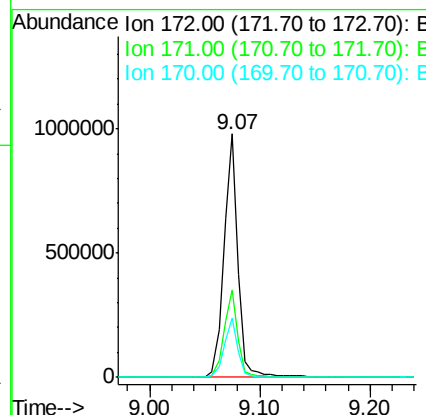
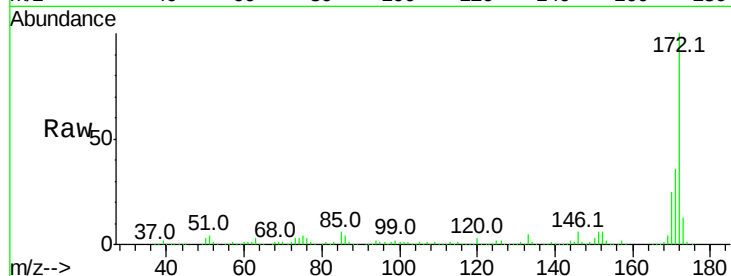
#44
2-Fluorobiphenyl
Concen: 54.400 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102437.D
Acq: 25 Jan 2018 21:32

Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(SW4-8)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	24.5	19.6	29.4	

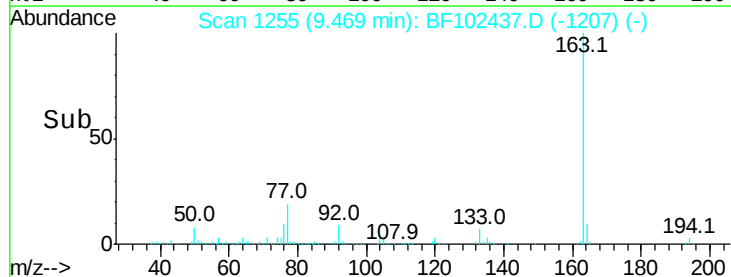
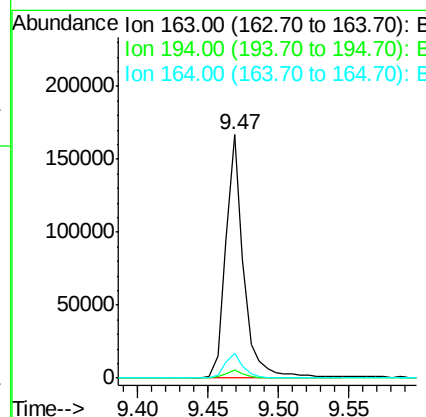
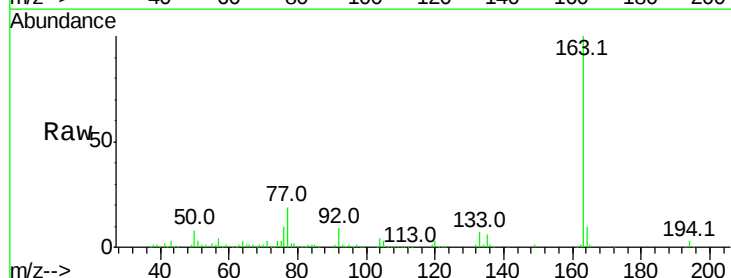
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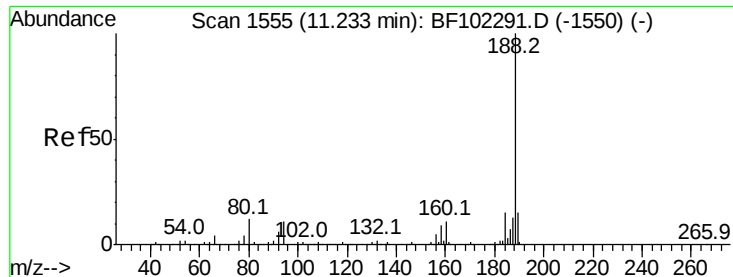
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#49
Dimethylphthalate
Concen: 7.684 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102437.D
Acq: 25 Jan 2018 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.7	4.1	
164	10.0	8.2	12.2	





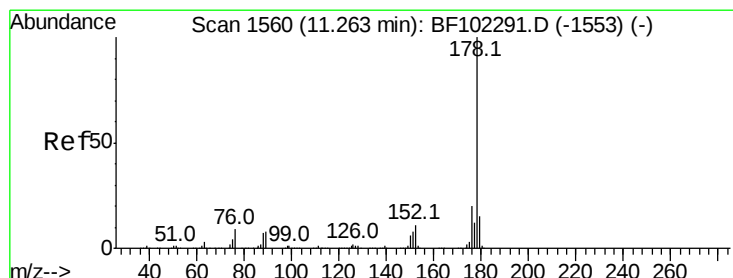
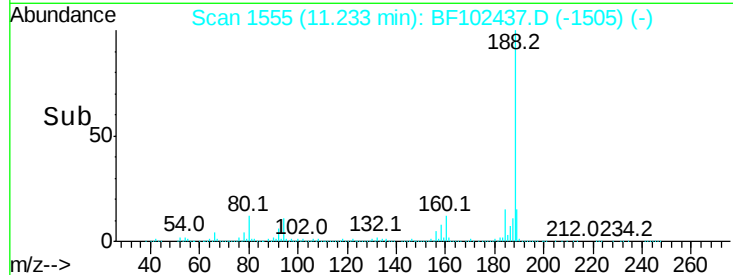
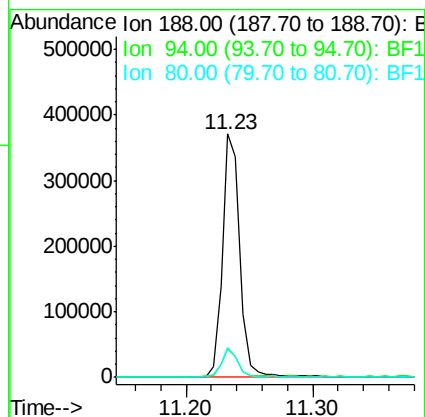
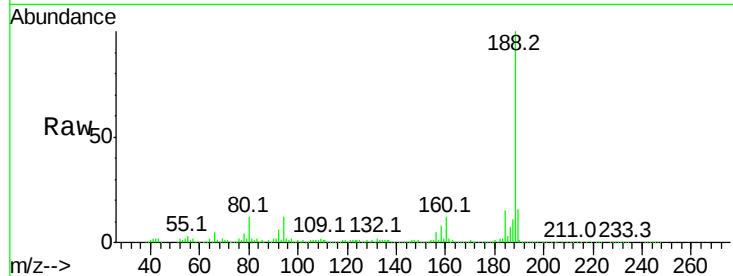
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102437.D
Acq: 25 Jan 2018 21:32

Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(SW4-8)

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.7	8.5	12.7	
80	12.4	9.2	13.8	

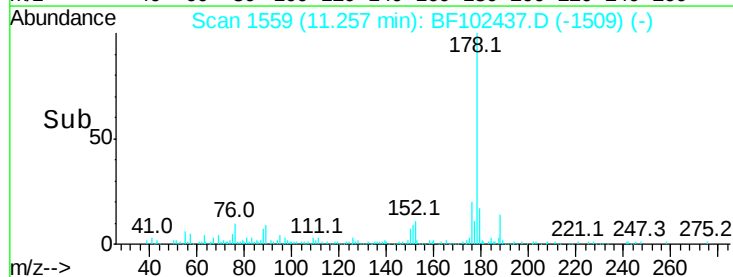
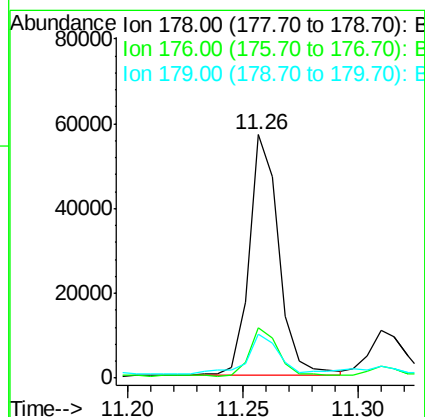
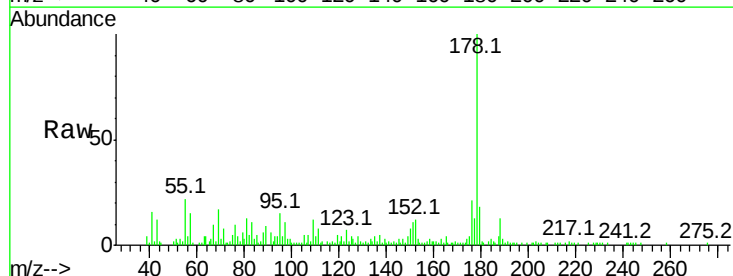
Manual Integrations
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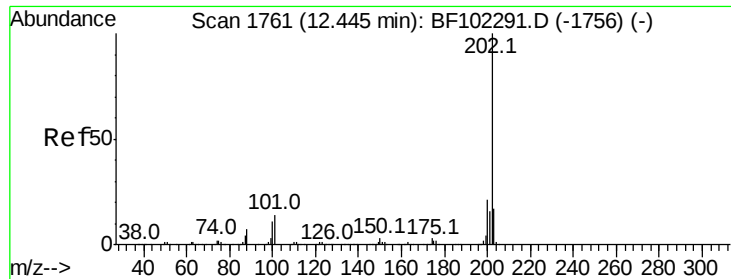
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#70
Phenanthrene
Concen: 2.437 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102437.D
Acq: 25 Jan 2018 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.7	15.8	23.8	
179	18.2	13.0	19.6	





#74

Fluoranthene

Concen: 2.745 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102437.D

Acq: 25 Jan 2018 21:32

Instrument :

BNA_F

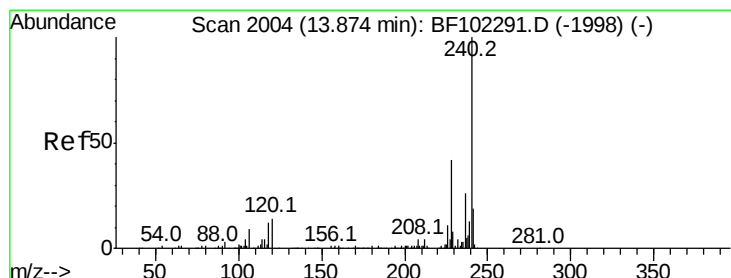
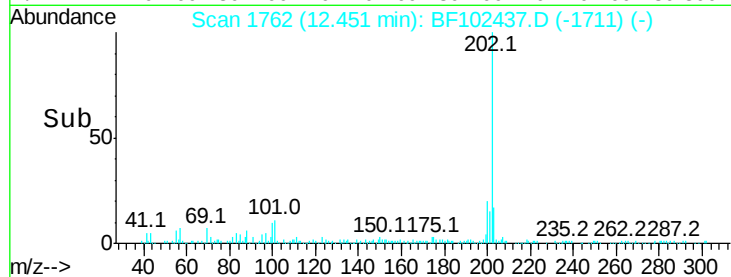
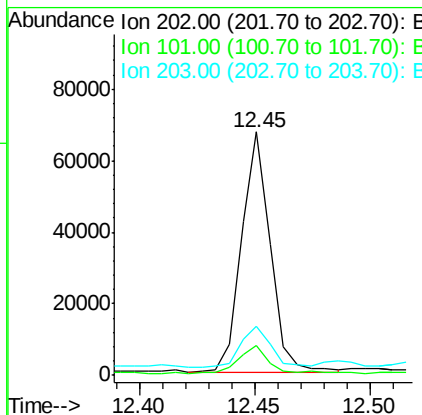
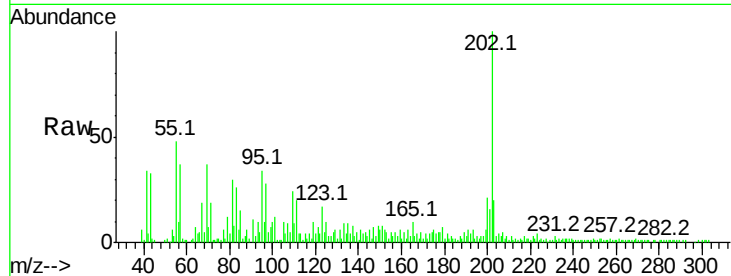
ClientSampleId :

DB-OF-E-W-(SW4-8)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	34.1
203	20.4	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

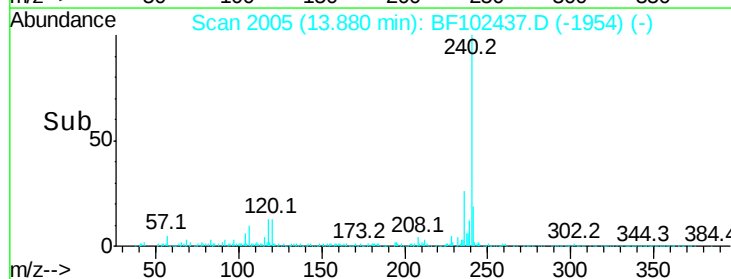
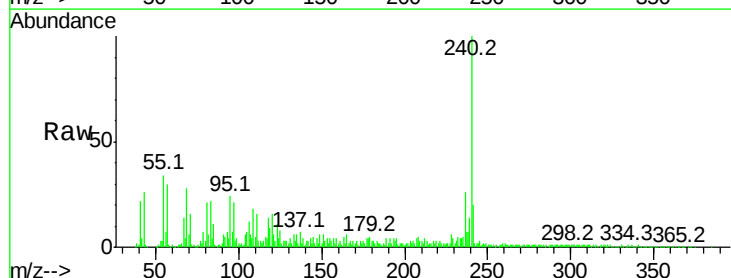
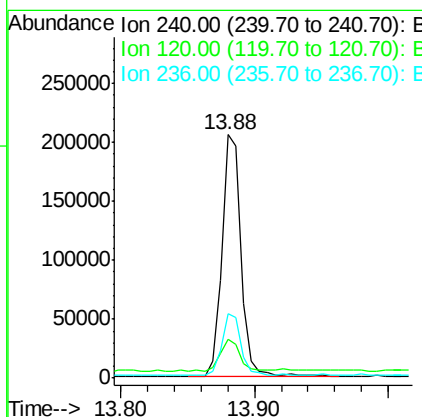
RT: 13.88 min Scan# 2005

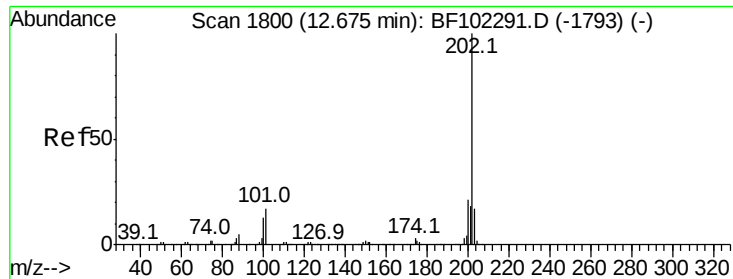
Delta R.T. 0.00 min

Lab File: BF102437.D

Acq: 25 Jan 2018 21:32

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.0	9.5	14.3#
236	26.5	20.7	31.1





#77

Pvrene

Concen: 3.130 ng/mL

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102437.D

Acq: 25 Jan 2018 21:32

Instrument :

BNA_F

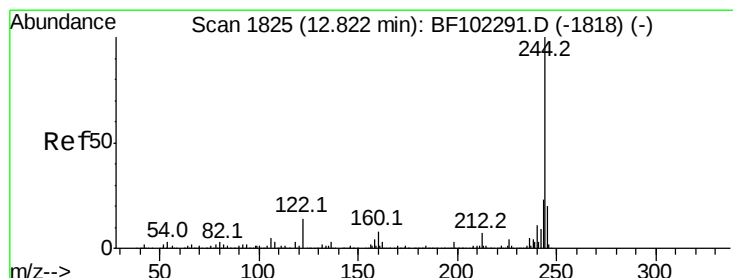
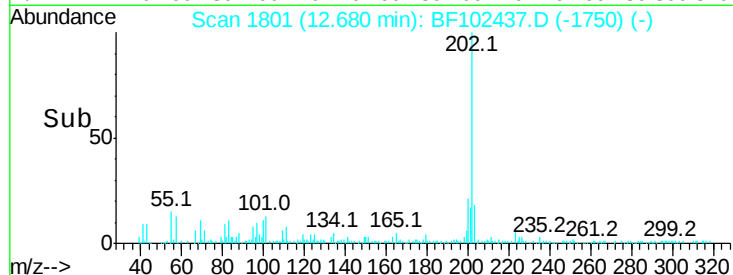
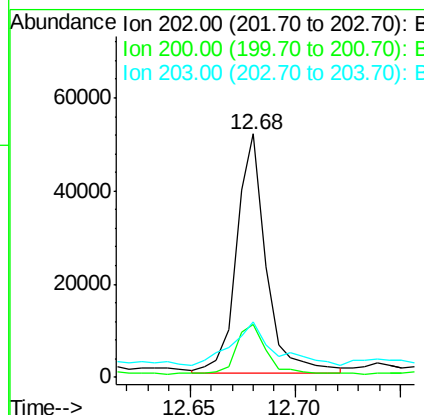
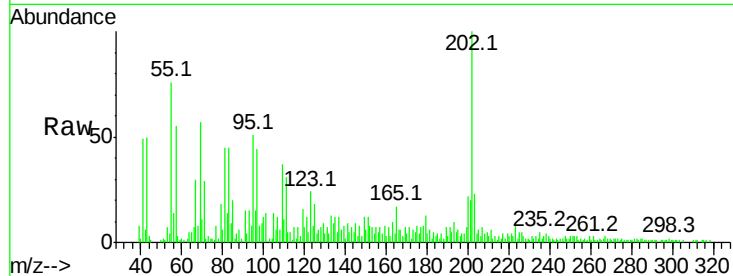
ClientSampleId :

DB-OF-E-W-(SW4-8)

Tot Ion:	202	Resp:	50088
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	22.7	14.3	21.5#

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:38 AM



#78

Terphenyl-d14

Concen: 61.619 ng/mL

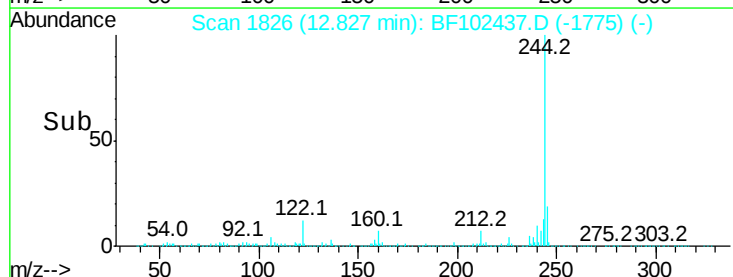
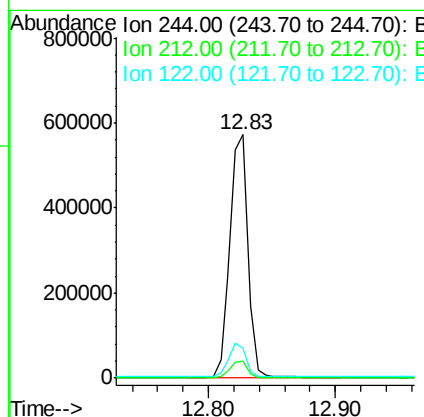
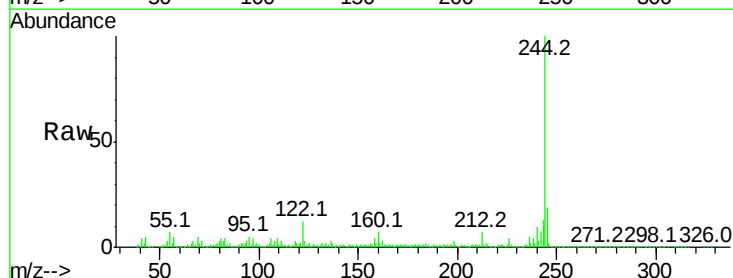
RT: 12.83 min Scan# 1826

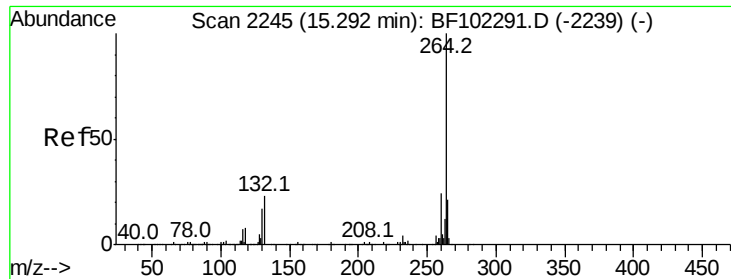
Delta R.T. 0.00 min

Lab File: BF102437.D

Acq: 25 Jan 2018 21:32

Tgt Ion:	244	Resp:	565700
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	12.3	11.0	16.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.04 min

Lab File: BF102437.D

Acq: 25 Jan 2018 21:32

Instrument :

BNA_F

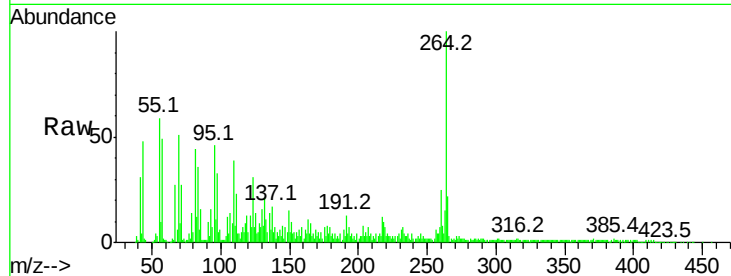
ClientSampleId :

DB-OF-E-W-(SW4-8)

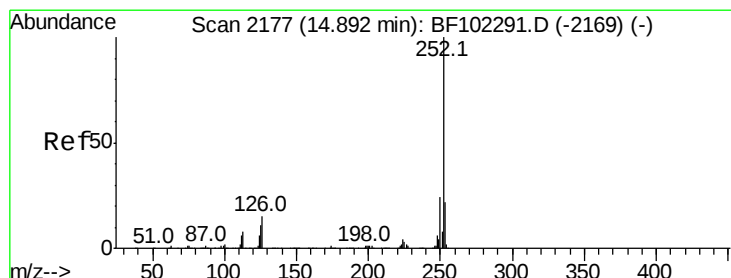
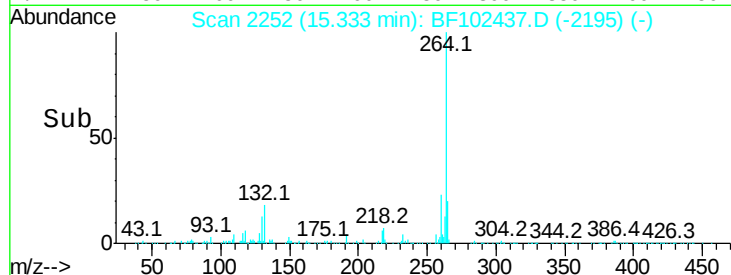
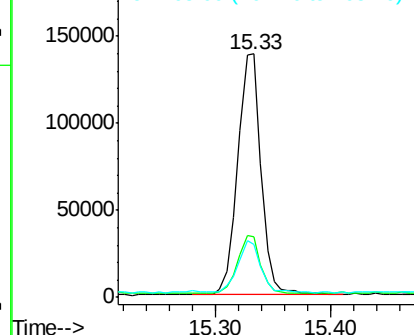
Tot Ion:	264	Resp:	194271
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.2	28.8
265	21.7	17.5	26.3

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:38 AM



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



#87

Benzo(b)fluoranthene

Concen: 2.080 ng m

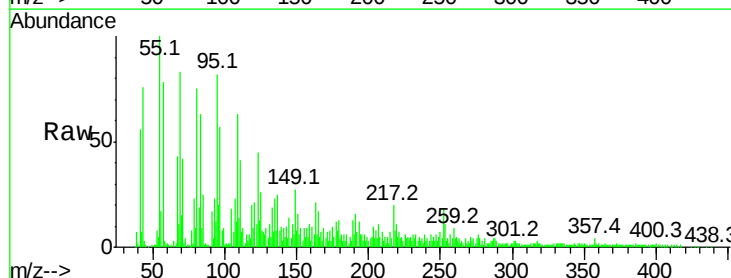
RT: 14.91 min Scan# 2180

Delta R.T. 0.02 min

Lab File: BF102437.D

Acq: 25 Jan 2018 21:32

Tgt Ion:	252	Resp:	26195
Ion Ratio	Lower	Upper	
252	100		
253	62.4	17.0	25.6#
125	145.0	9.0	13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

