

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102789.D
 Acq On : 6 Feb 2018 17:34
 Operator : SJ/JU
 Sample : J1454-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATER-LINE-BOTTEM@10)

Manual Integrations
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Sohil
 2/7/2018 5:06:52 PM

Quant Time: Feb 06 18:48:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	204103	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	808054	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	328274	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	450465	20.00	ng	0.00
75) Chrysene-d12	14.04	240	357489	20.00	ng	0.00
86) Perylene-d12	15.53	264	333798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1445887	107.58	ng	0.02
7) Phenol-d6	6.51	99	1695378	104.77	ng	0.00
23) Nitrobenzene-d5	7.45	82	1055723	90.63	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	266866	101.00	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1682943	85.07	ng	0.00
78) Terphenyl-d14	12.99	244	1036172	68.63	ng	0.00
Target Compounds						
10) Phenol	6.52	94	48984	2.825	ng	96
32) Benzoic acid	7.85	122	5571	9.216	ng	91
49) Dimethylphthalate	9.63	163	201127	7.858	ng	100
74) Fluoranthene	12.62	202	67110	2.659	ng	98
77) Pyrene	12.85	202	62261	2.221	ng	98
87) Benzo(b)fluoranthene	15.09	252	44904m	2.075	ng	

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

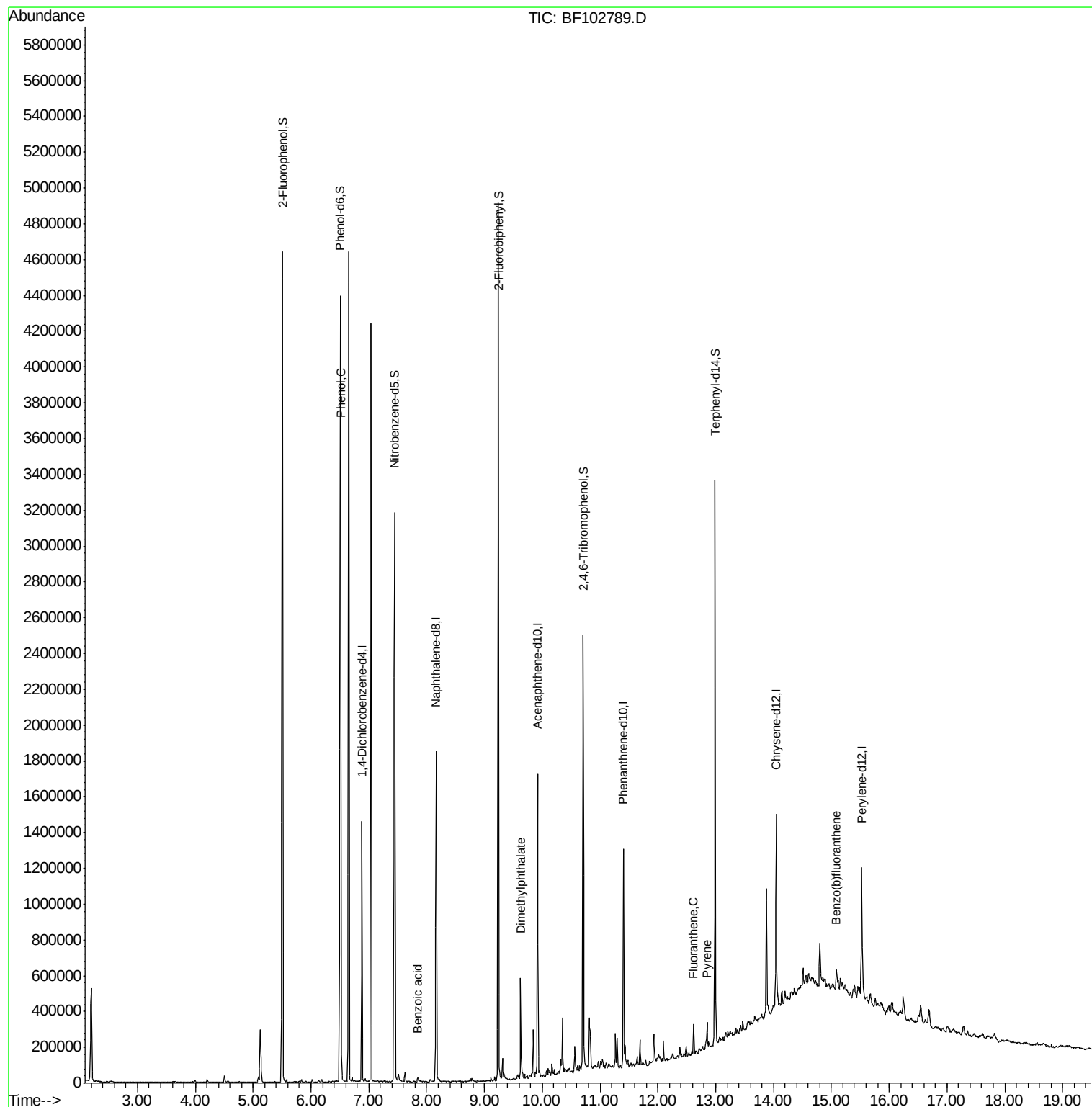
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
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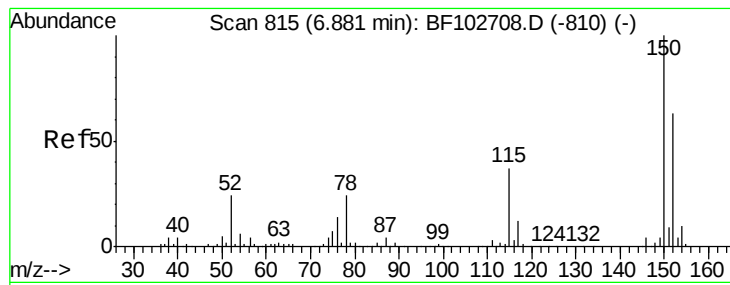
Instrument :
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ClientSampleId :
TP-03(6-WATER-LINE-BOTTEM@10

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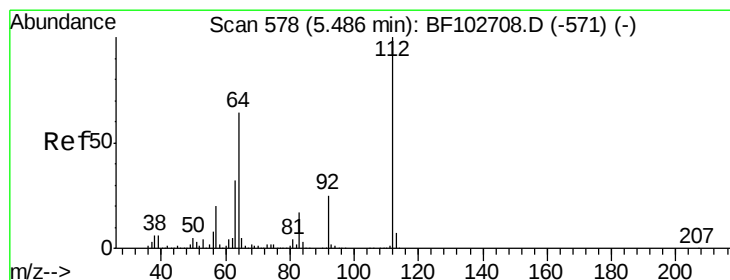
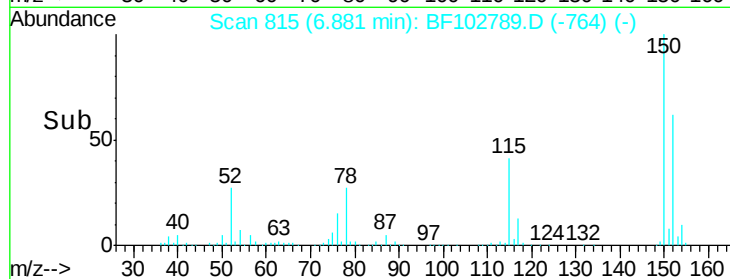
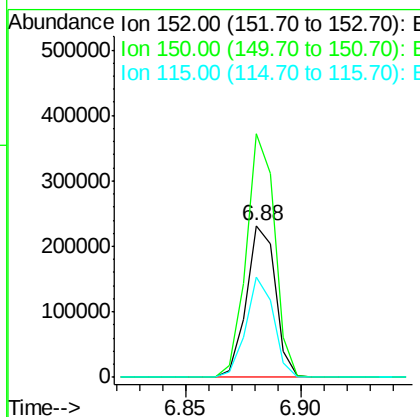
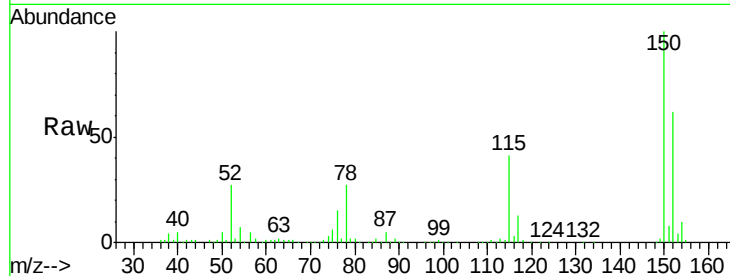
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF102789.D
 Acq: 6 Feb 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATER-LINE-BOTTEM@10

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	65.6	50.1	75.1

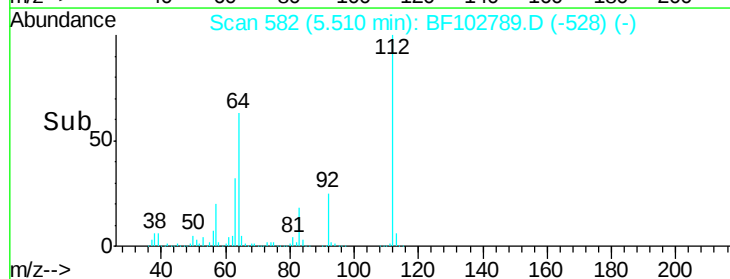
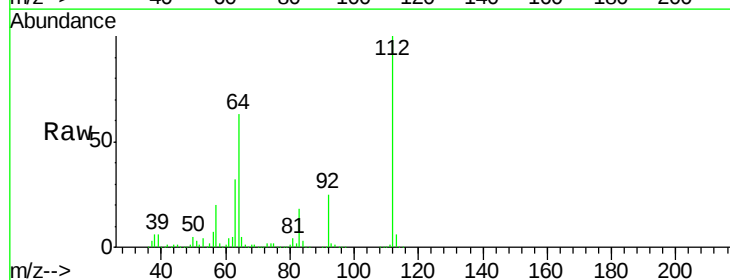
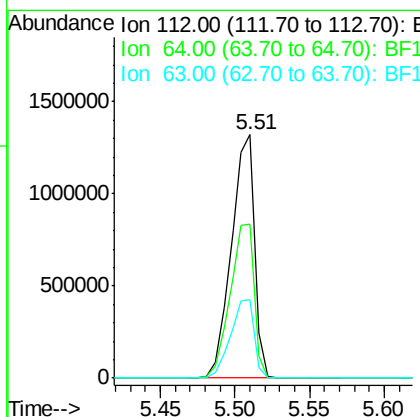
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#5
 2-Fluorophenol
 Concen: 107.584 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: BF102789.D
 Acq: 6 Feb 2018 17:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.9	71.9
63	32.4	23.7	35.5





#7

Phenol-d6

Concen: 104.768 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102789.D

Acq: 6 Feb 2018 17:34

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATER-LINE-BOTTEM@10

Tot Ion: 99 Resp: 1695378

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

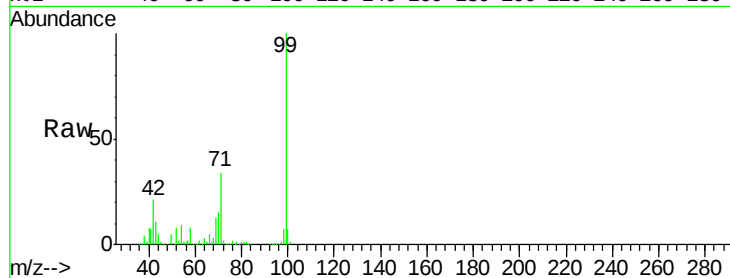
71 33.8 25.4 38.0

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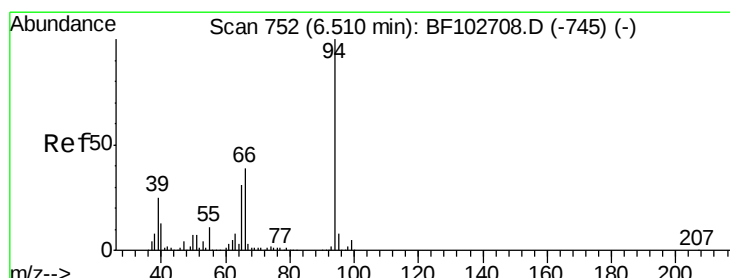
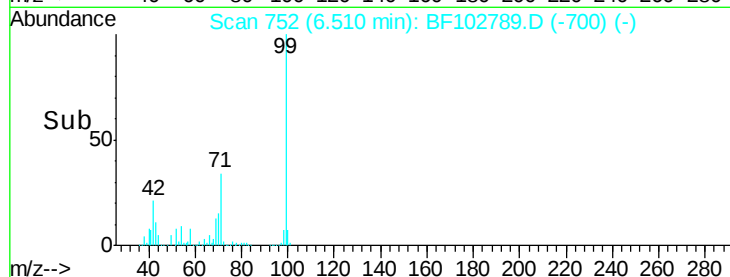
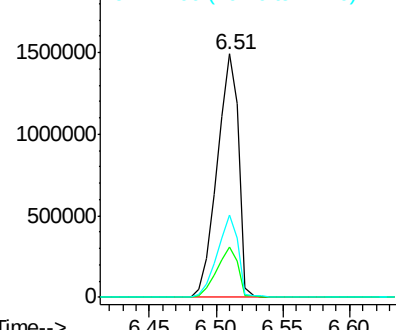
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.825 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102789.D

Acq: 6 Feb 2018 17:34

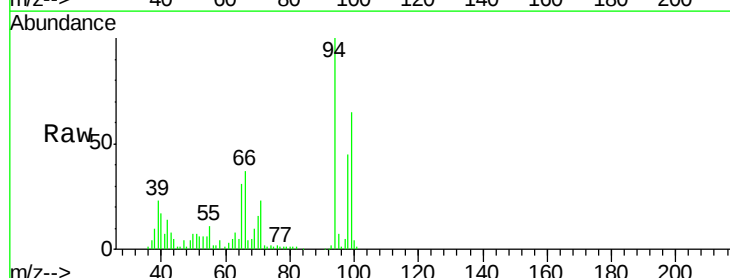
Tgt Ion: 94 Resp: 48984

Ion Ratio Lower Upper

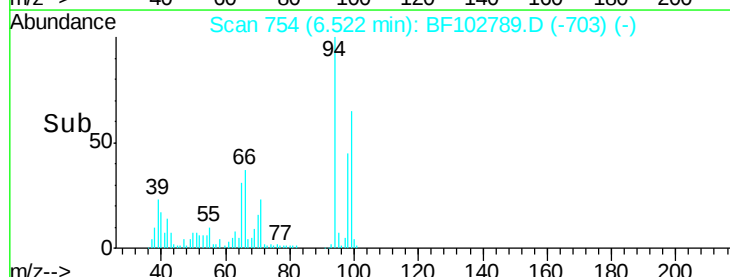
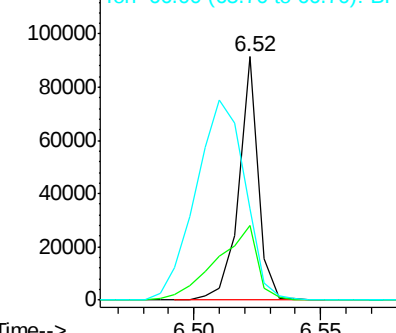
94 100

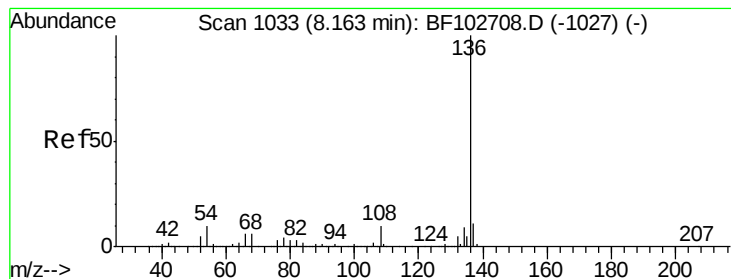
65 30.8 7.9 47.9

66 37.4 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102789.D

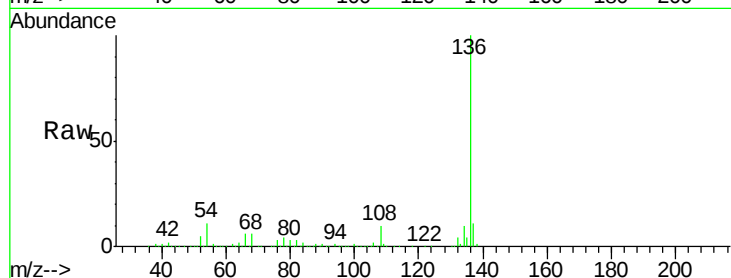
Acq: 6 Feb 2018 17:34

Instrument :

BNA_F

ClientSampleId :

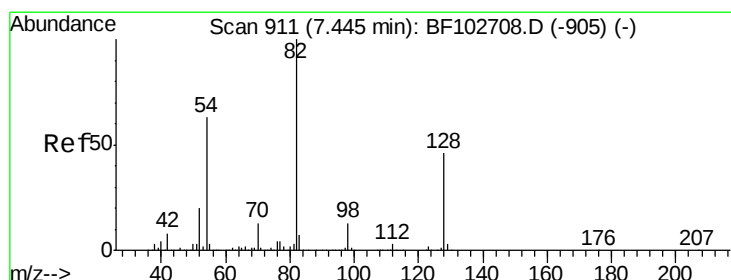
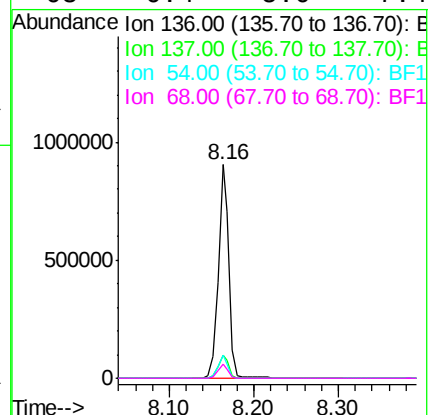
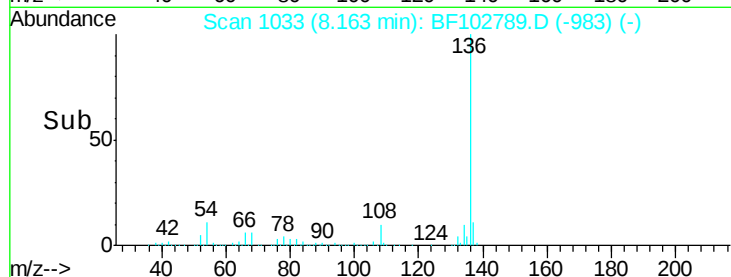
TP-03(6-WATER-LINE-BOTTEM@10



Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		808054		
137	10.8	8.9	13.3		
54	10.6	6.6	9.8#		
68	6.4	5.0	7.4		

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#23

Nitrobenzene-d5

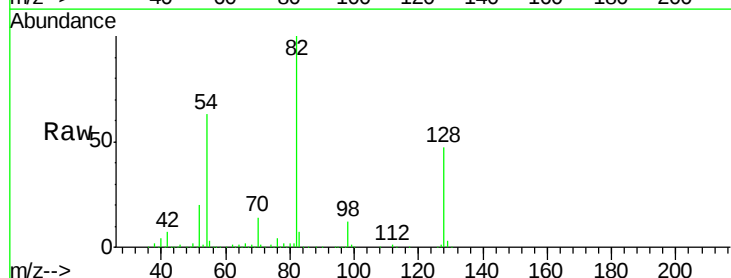
Concen: 90.633 ng

RT: 7.45 min Scan# 911

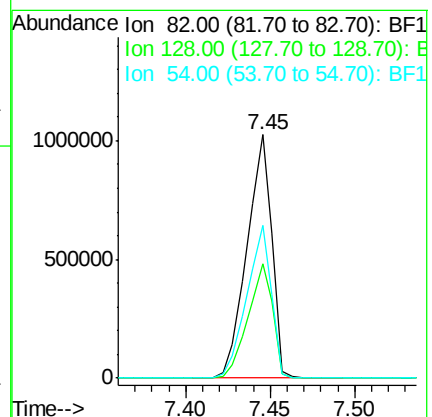
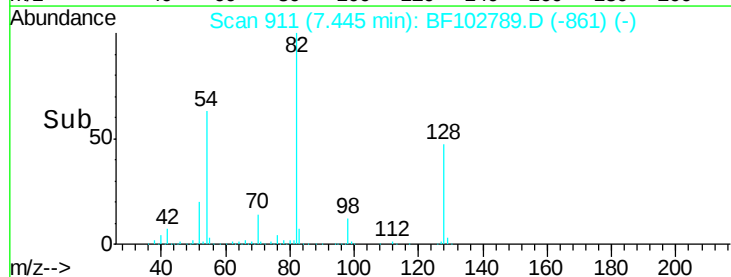
Delta R.T. -0.01 min

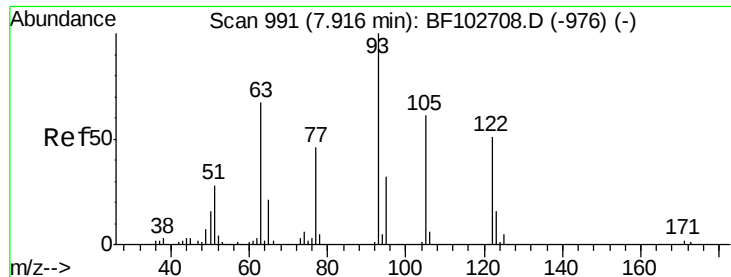
Lab File: BF102789.D

Acq: 6 Feb 2018 17:34



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1055723		
128	47.0	36.1	54.1		
54	62.5	41.4	62.2#		





#32

Benzoic acid

Concen: 9.216 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.09 min

Lab File: BF102789.D

Acq: 6 Feb 2018 17:34

Instrument :

BNA_F

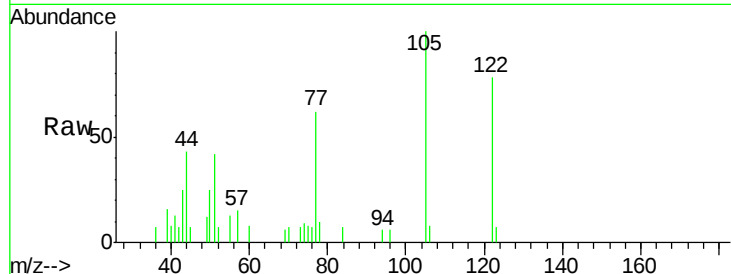
ClientSampleId :

TP-03(6-WATER-LINE-BOTTEM@10

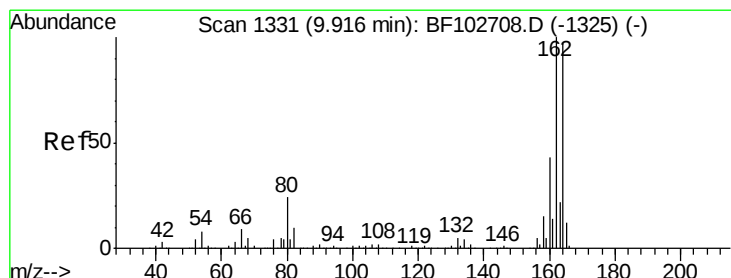
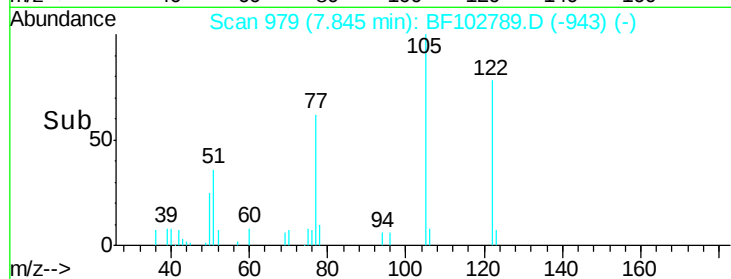
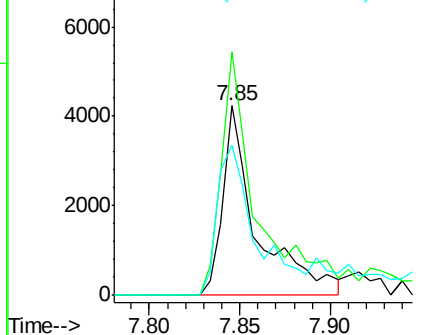
Tot Ion:	122	Resp:	5571
Ion Ratio	Lower	Upper	
122	100		
105	128.4	101.1	141.1
77	79.2	70.7	110.7

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

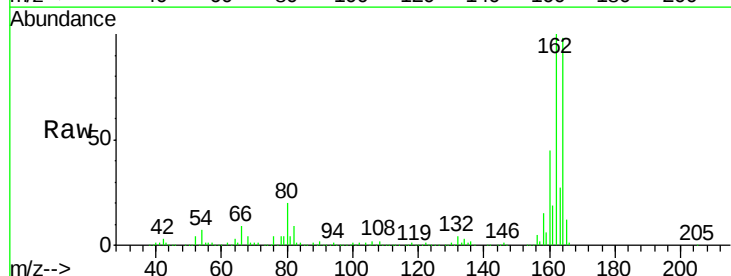
RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

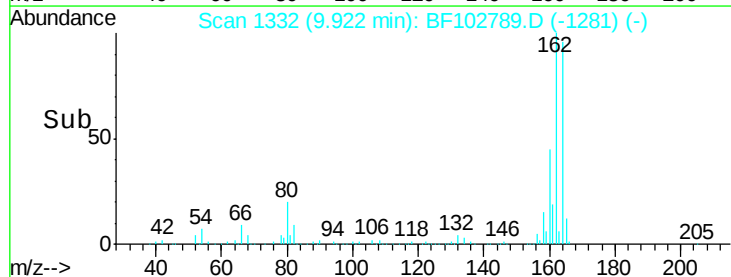
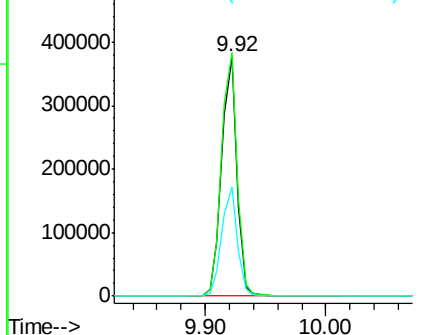
Lab File: BF102789.D

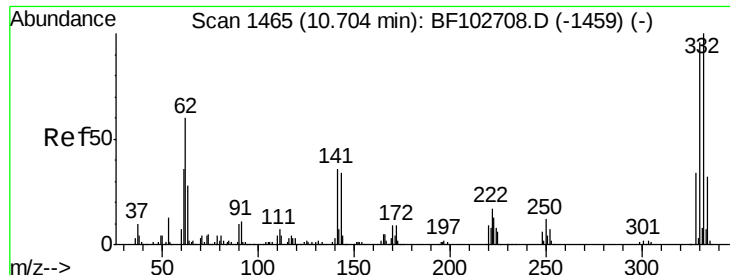
Acq: 6 Feb 2018 17:34

Tgt Ion:	164	Resp:	328274
Ion Ratio	Lower	Upper	
164	100		
162	102.1	86.1	129.1
160	45.8	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





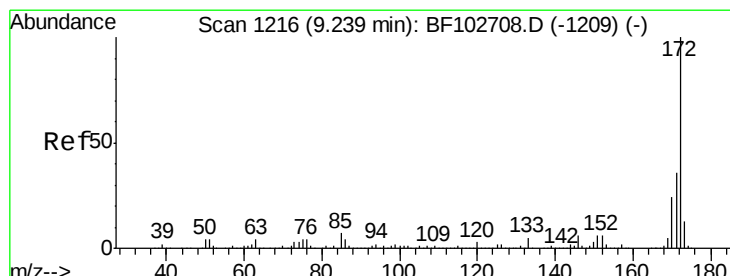
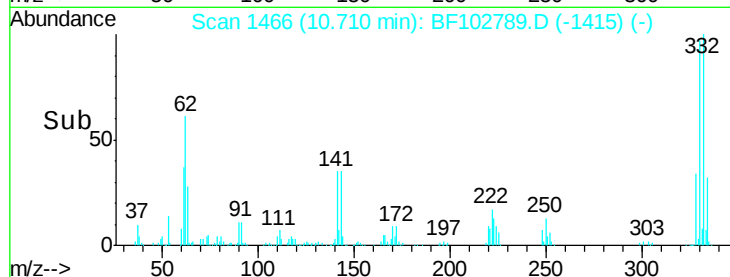
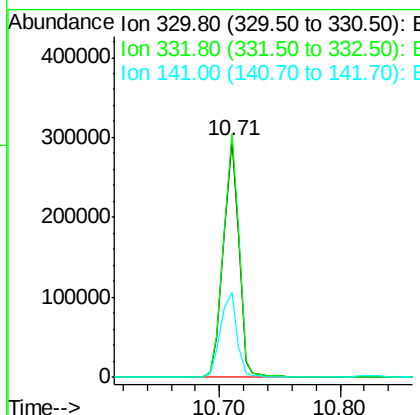
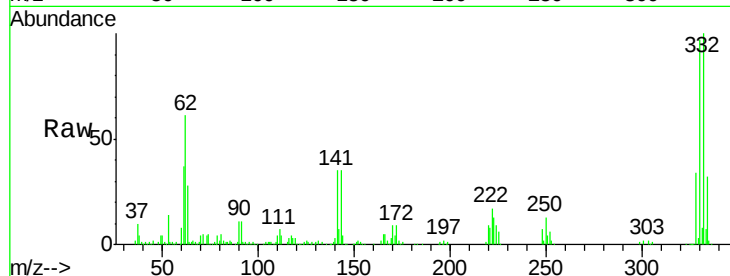
#41
 2,4,6-Tribromophenol
 Concen: 101.001 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF102789.D
 Acq: 6 Feb 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATER-LINE-BOTTEM@10

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.7	77.0	115.6	
141	38.0	29.9	44.9	

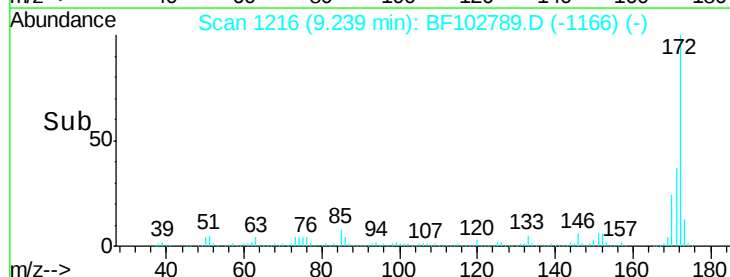
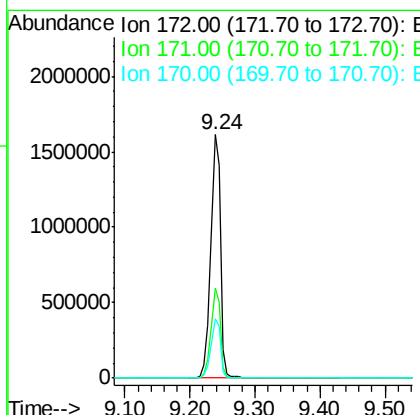
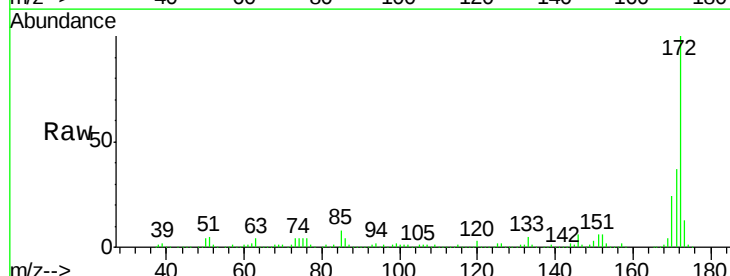
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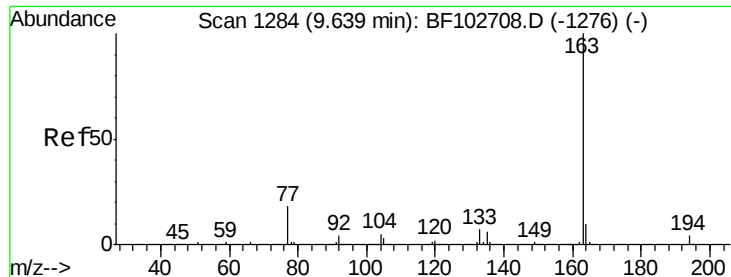
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#44
 2-Fluorobiphenyl
 Concen: 85.069 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102789.D
 Acq: 6 Feb 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.8	29.7	44.5	
170	24.3	19.6	29.4	





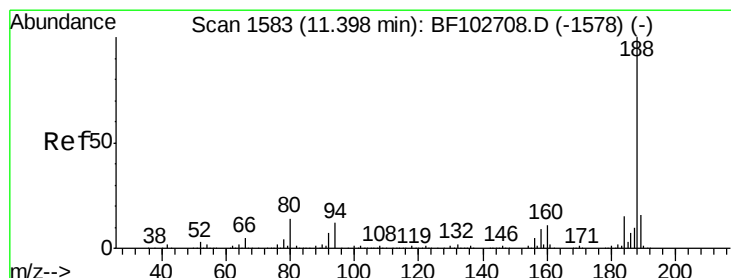
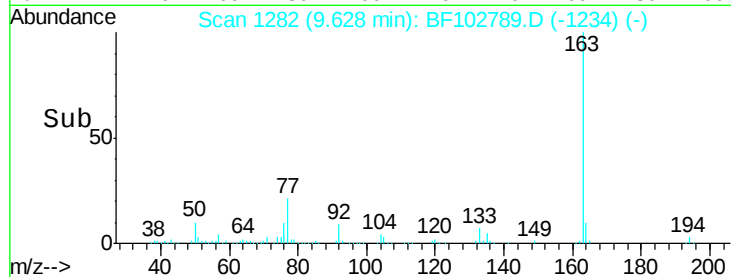
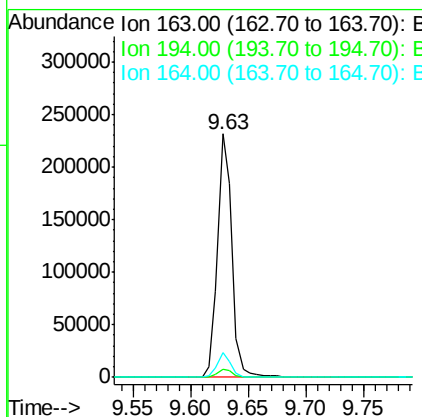
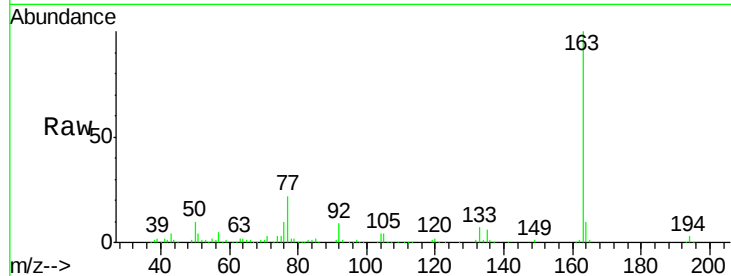
#49
Dimethylphthalate
Concen: 7.858 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102789.D
Acq: 6 Feb 2018 17:34

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATER-LINE-BOTTEM@10

Tot Ion	163	Resp	201127
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2

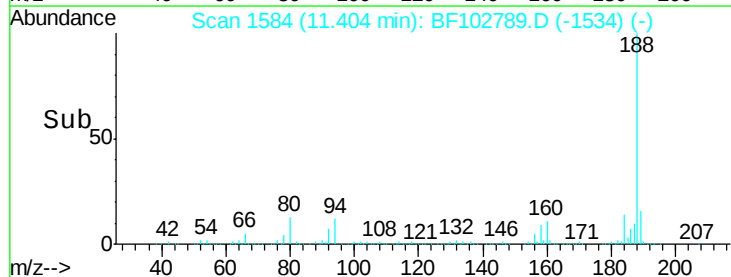
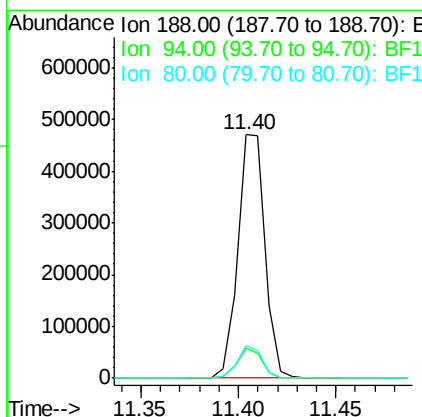
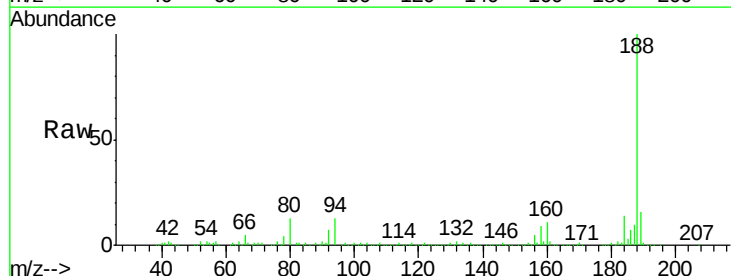
Manual Integrations
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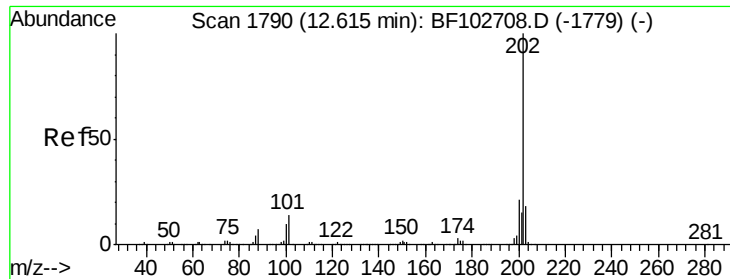
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102789.D
Acq: 6 Feb 2018 17:34

Tgt Ion	188	Resp	450465
Ion Ratio	Lower	Upper	
188	100		
94	12.5	8.5	12.7
80	13.1	9.2	13.8





#74

Fluoranthene

Concen: 2.659 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102789.D

Acq: 6 Feb 2018 17:34

Instrument :

BNA_F

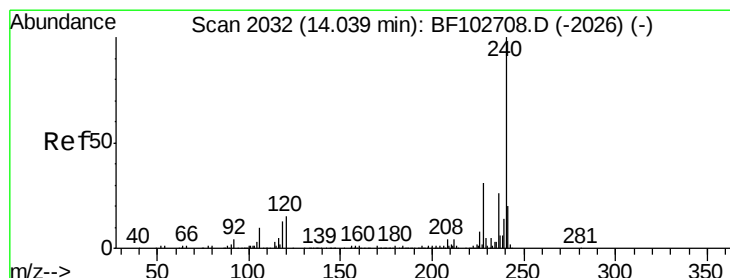
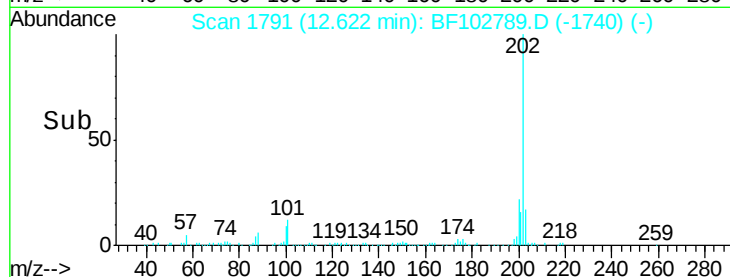
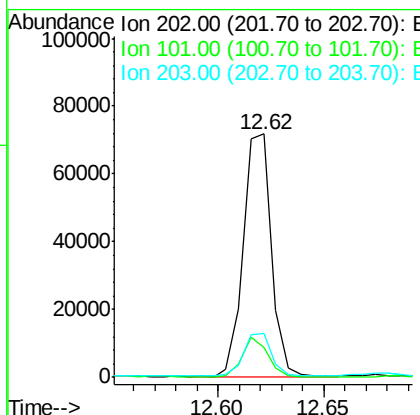
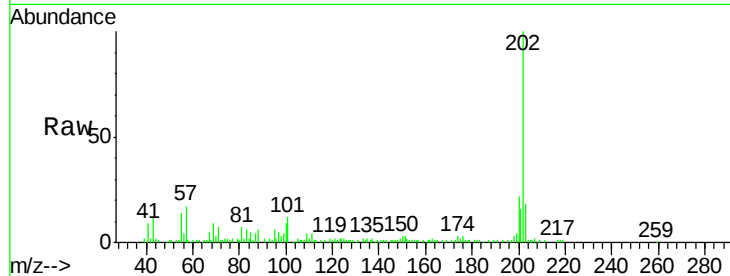
ClientSampleId :

TP-03(6-WATER-LINE-BOTTEM@10

Tot Ion:	202	Resp:	67110
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	18.1	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

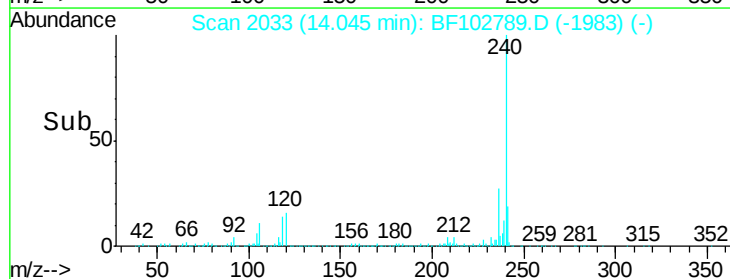
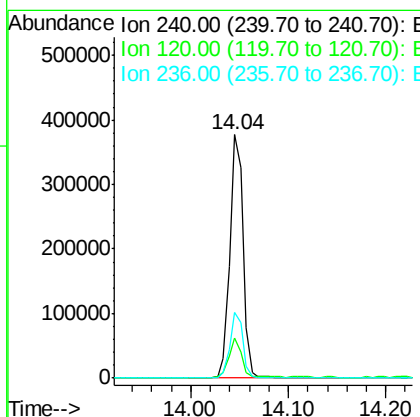
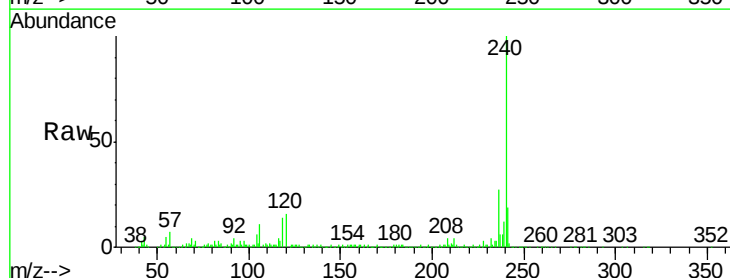
RT: 14.04 min Scan# 2033

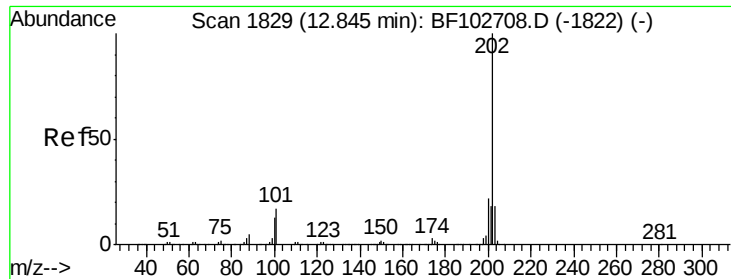
Delta R.T. -0.01 min

Lab File: BF102789.D

Acq: 6 Feb 2018 17:34

Tgt Ion:	240	Resp:	357489
Ion Ratio	Lower	Upper	
240	100		
120	16.3	9.5	14.3#
236	26.8	20.7	31.1





#77

Pvrene

Concen: 2.221 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF102789.D

Acq: 6 Feb 2018 17:34

Instrument :

BNA_F

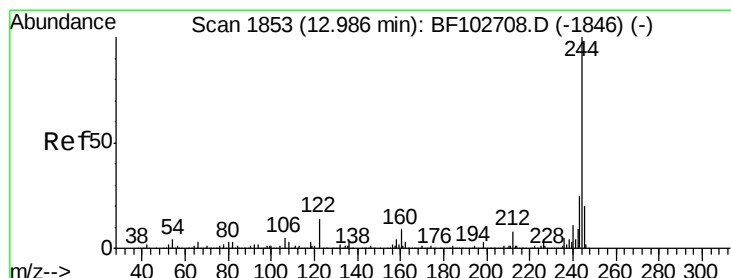
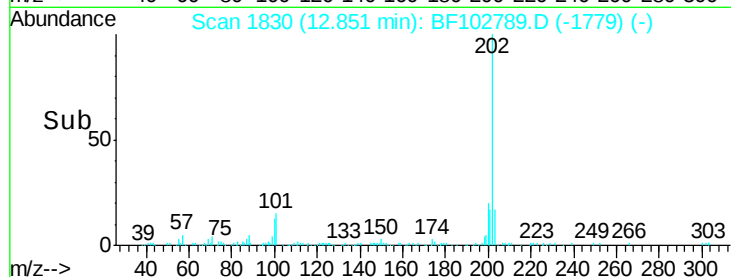
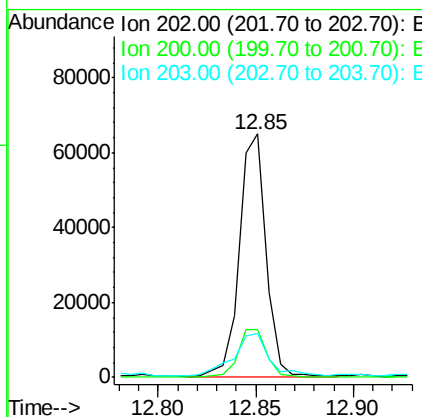
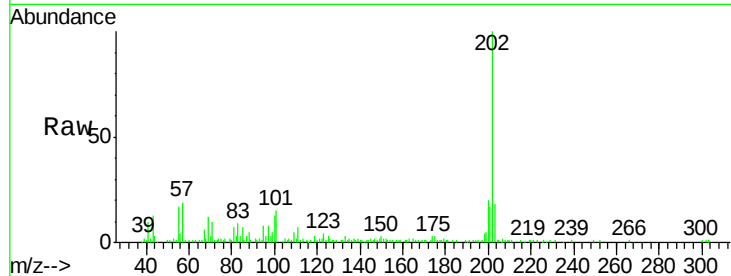
ClientSampleId :

TP-03(6-WATER-LINE-BOTTEM@10

Tot Ion:	202	Resp:	62261
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.4	26.2
203	18.0	14.3	21.5

Manual Integrations
APPROVED

Sohil
2/7/2018 5:06:52 PM



#78

Terphenyl-d14

Concen: 68.629 ng

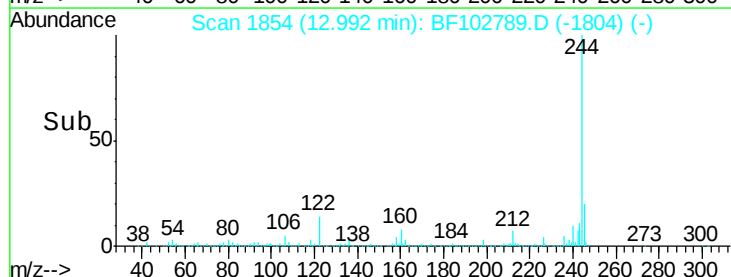
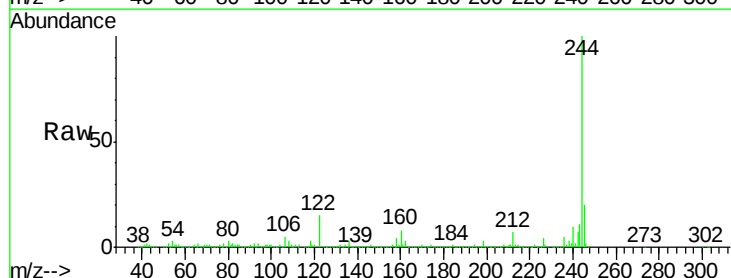
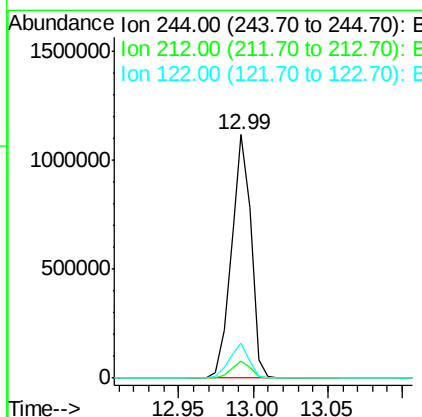
RT: 12.99 min Scan# 1854

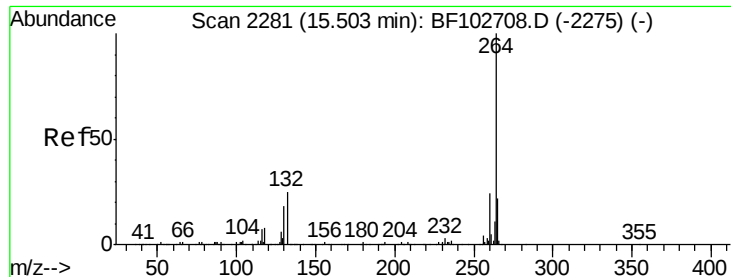
Delta R.T. -0.01 min

Lab File: BF102789.D

Acq: 6 Feb 2018 17:34

Tgt Ion:	244	Resp:	1036172
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	14.5	11.0	16.4





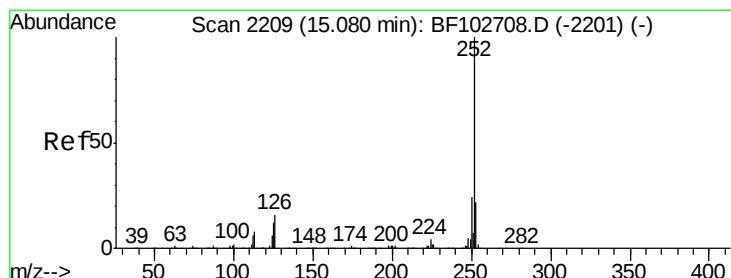
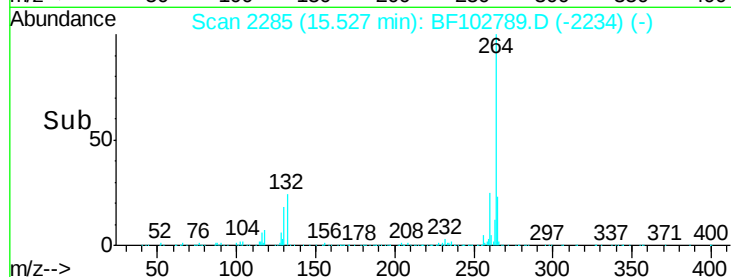
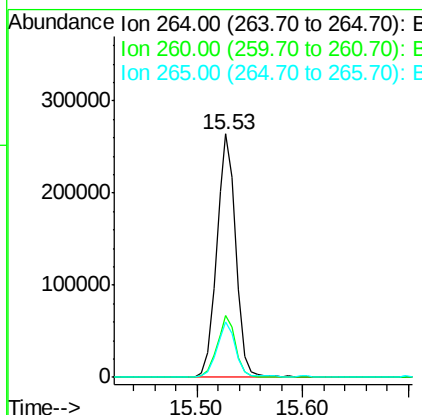
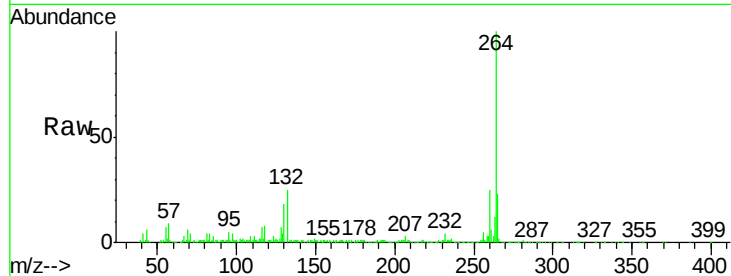
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF102789.D
Acq: 6 Feb 2018 17:34

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATER-LINE-BOTTEM@10

Tot Ion	Ratio	Resp	Lower	Upper
264	100	333798		
260	25.2		19.2	28.8
265	22.8		17.5	26.3

Manual Integrations
APPROVED

Sohil
2/7/2018 5:06:52 PM



#87
Benzo(b)fluoranthene
Concen: 2.075 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF102789.D
Acq: 6 Feb 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	44904		
253	23.9		17.0	25.6
125	30.2		9.0	13.6#

