

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107586.D
 Acq On : 23 Jul 2018 14:24
 Operator : JU/SJ
 Sample : J4062-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Manual Integrations
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Quant Time: Jul 23 15:19:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	352439	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1366964	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	573847	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	972706	20.00	ng	0.00
75) Chrysene-d12	14.16	240	754301	20.00	ng	0.00
86) Perylene-d12	15.69	264	798248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1792893	81.79	ng	0.00
7) Phenol-d6	6.61	99	2309578	87.75	ng	0.00
23) Nitrobenzene-d5	7.54	82	1481599	73.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	613444	94.01	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2536064	72.70	ng	0.00
78) Terphenyl-d14	13.09	244	1958011	66.45	ng	0.00
Target Compounds						
10) Phenol	6.62	94	96784	3.127	ng	Qvalue # 65
49) Dimethylphthalate	9.72	163	145778	3.371	ng	99
70) Phenanthrene	11.54	178	154081	3.251	ng	98
74) Fluoranthene	12.72	202	174107	3.423	ng	97
77) Pyrene	12.96	202	179477	3.479	ng	99
87) Benzo(b)fluoranthene	15.24	252	105500m	2.415	ng	

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

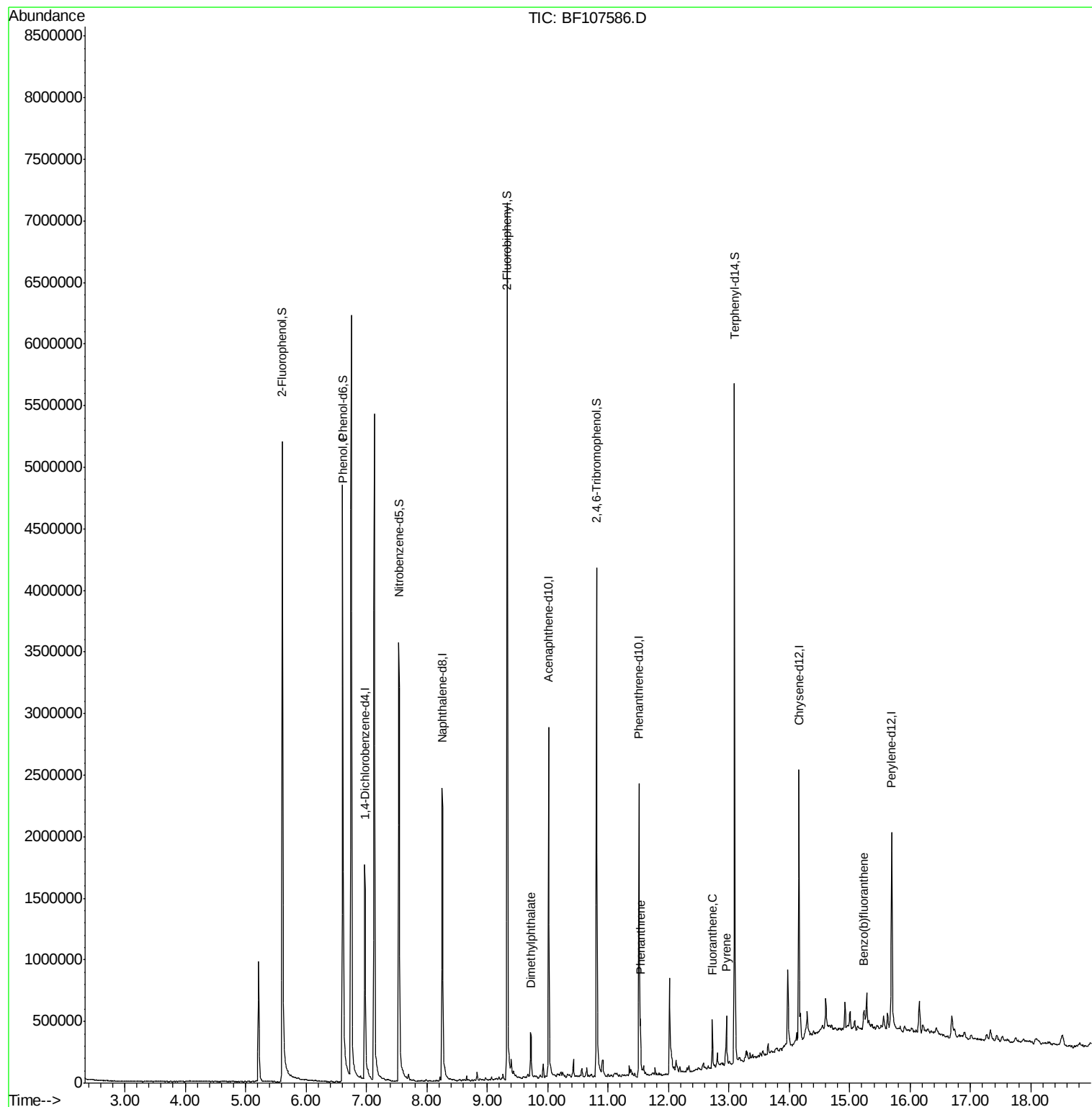
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107586.D
Acq On : 23 Jul 2018 14:24
Operator : JU/SJ
Sample : J4062-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

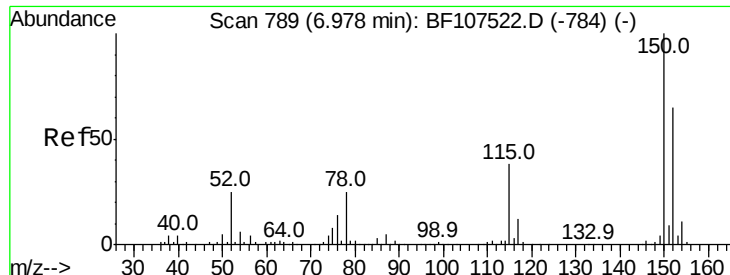
Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Time: Jul 23 15:19:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

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#1

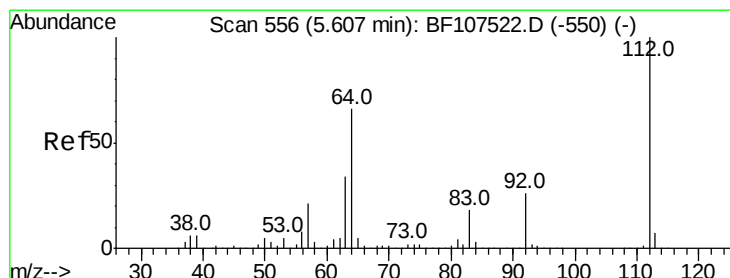
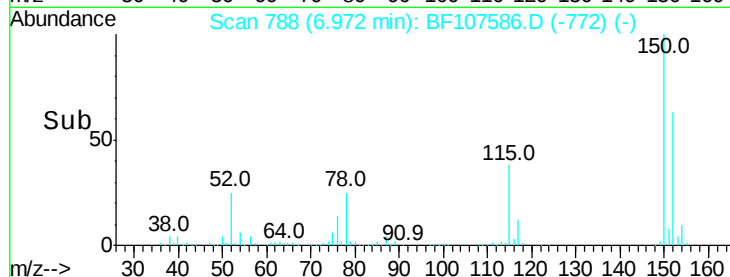
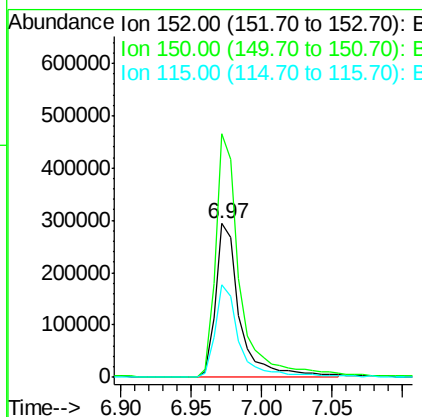
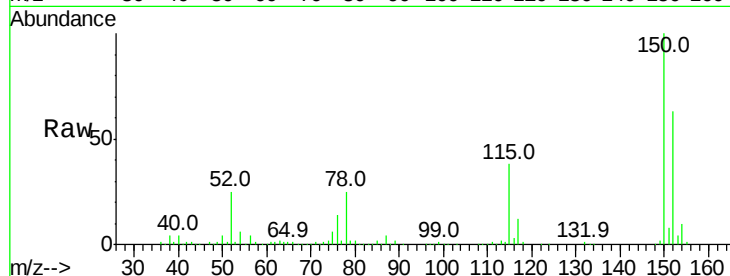
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	60.1	50.1	75.1

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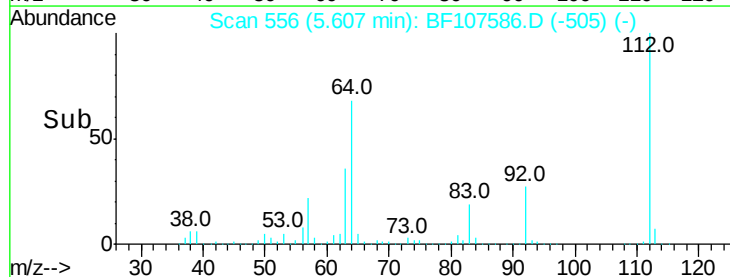
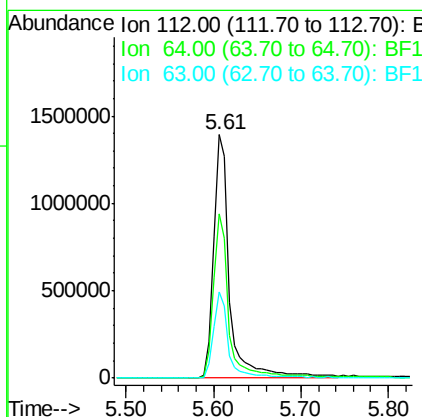
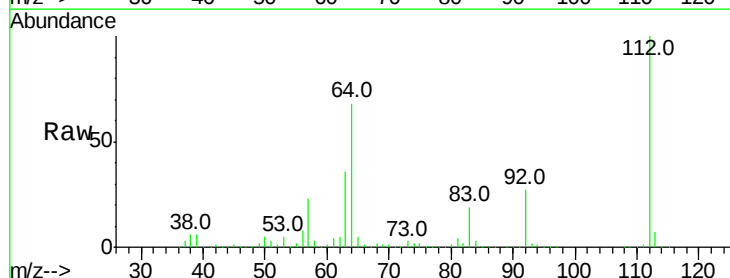
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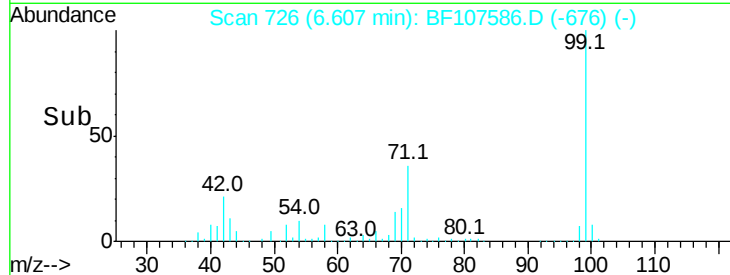
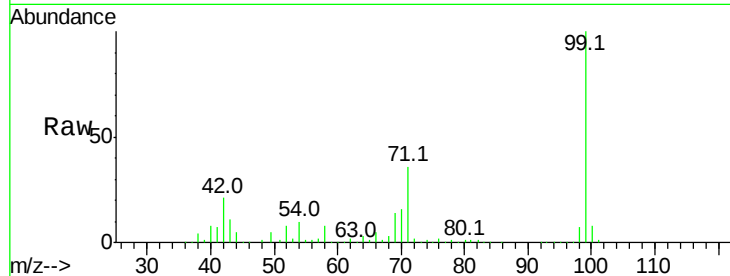
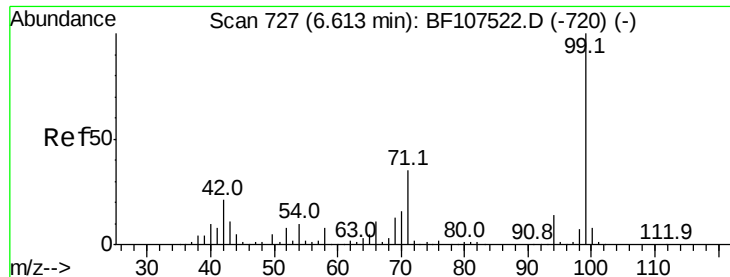


#5

2-Fluorophenol
Concen: 81.791 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	47.9	71.9
63	35.5	23.7	35.5#





#7
Phenol-d6
Concen: 87.747 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

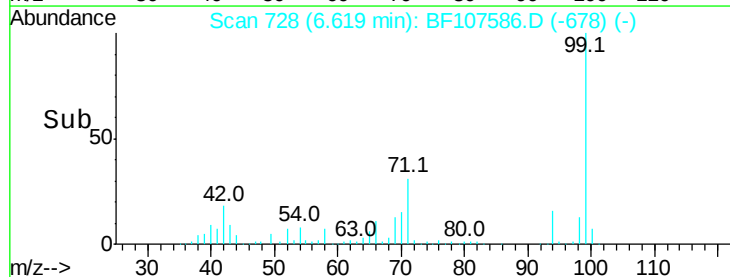
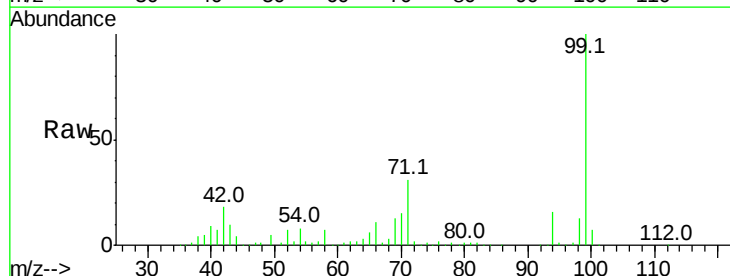
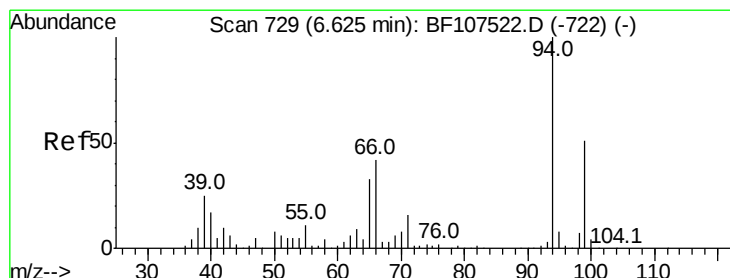
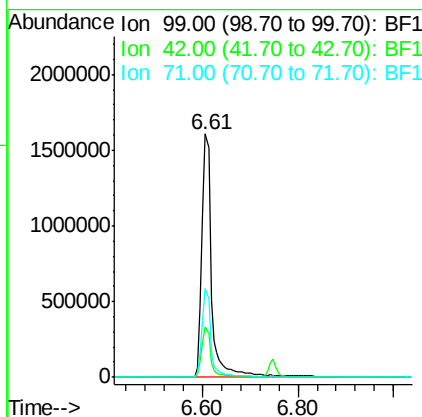
Tot Ion: 99 Resp: 2309578

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	36.2	25.4	38.0

Instrument :
BNA_F
ClientSampled :
TP-5

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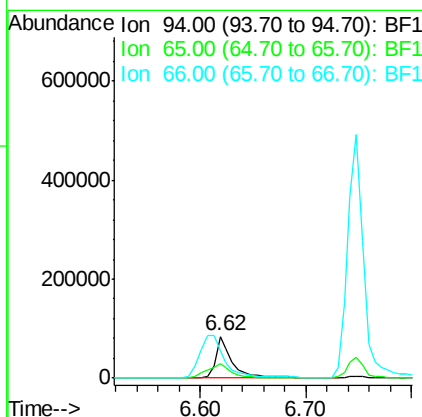
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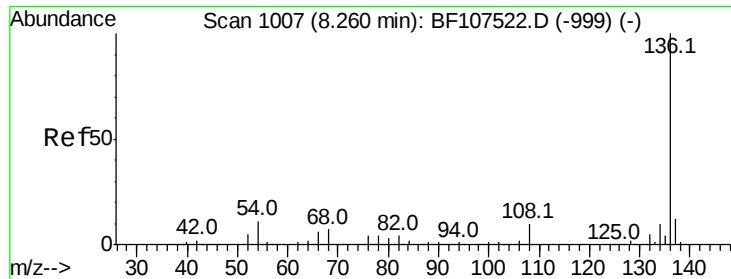


#10
Phenol
Concen: 3.127 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

Tgt Ion: 94 Resp: 96784

Ion	Ratio	Lower	Upper
94	100		
65	35.8	7.9	47.9
66	66.2	16.2	56.2#





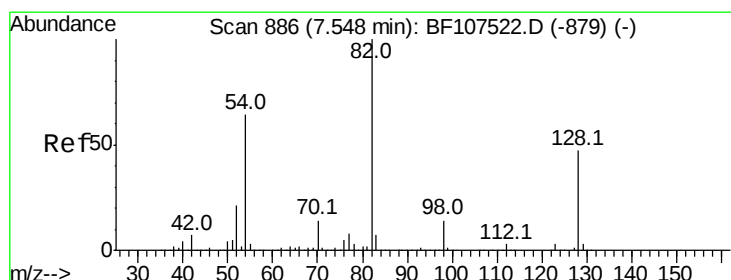
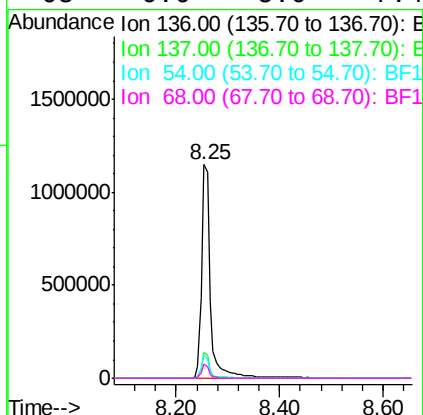
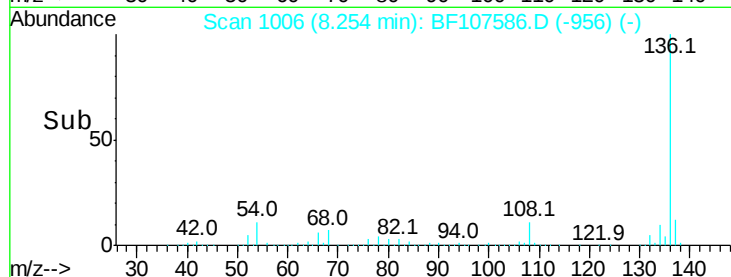
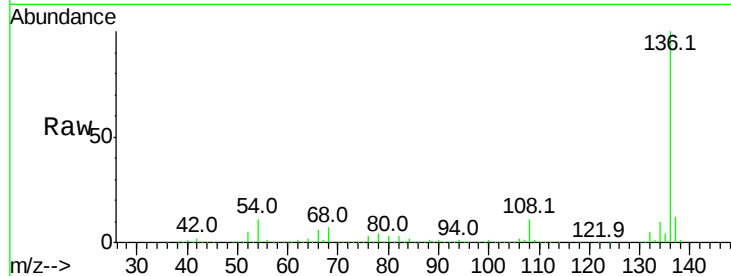
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	10.5	6.6	9.8#
68	6.6	5.0	7.4

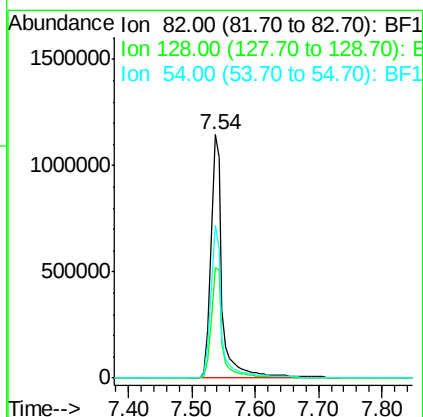
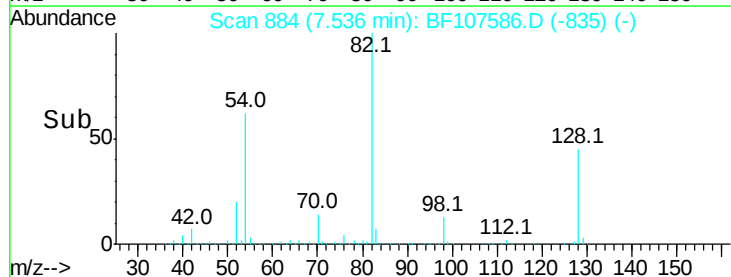
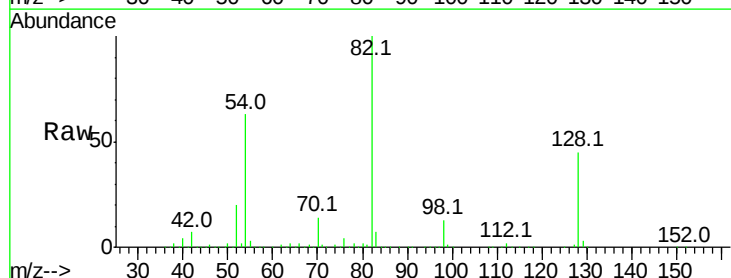
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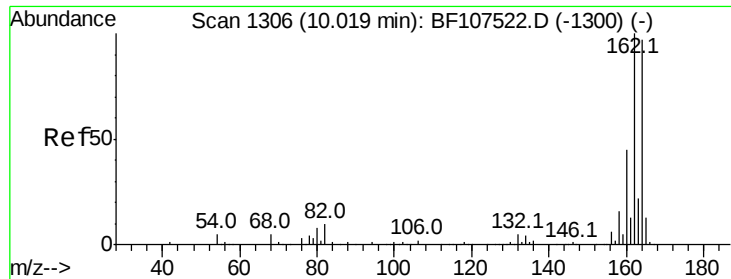
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#23
Nitrobenzene-d5
Concen: 73.147 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	62.5	41.4	62.2#





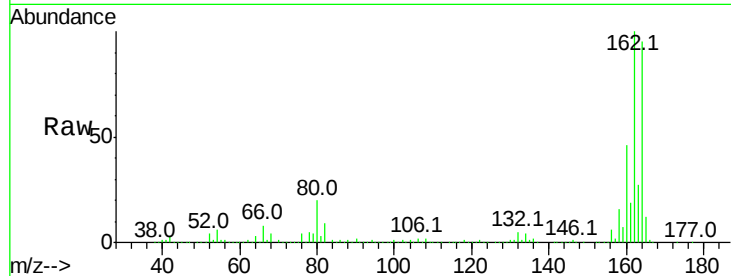
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

Instrument :
BNA_F
ClientSampled :
TP-5

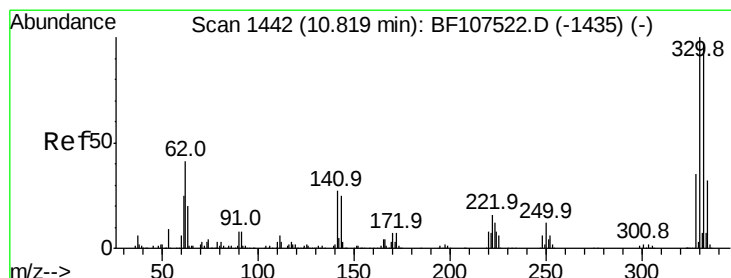
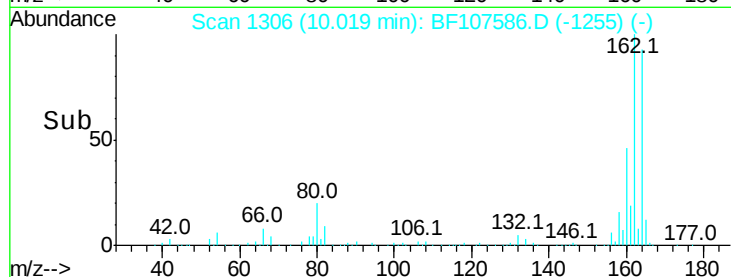
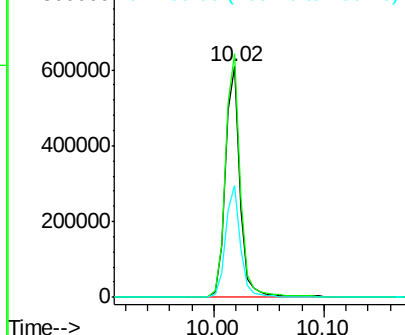
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	48.7	38.3	57.5

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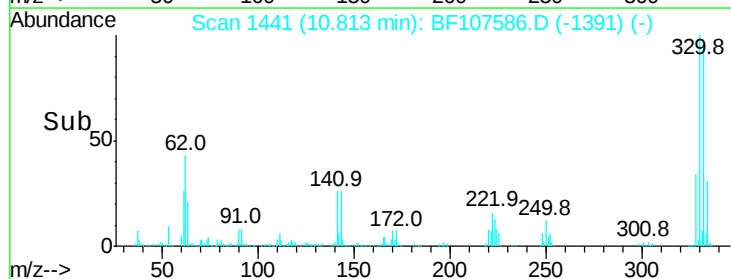
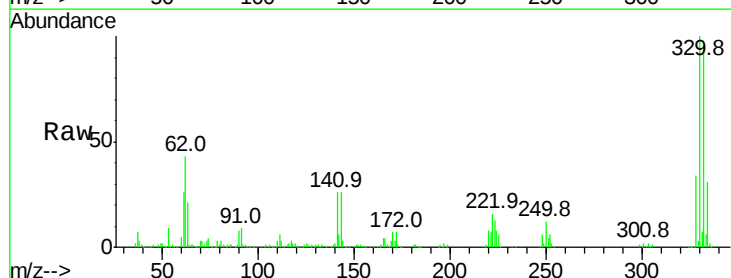
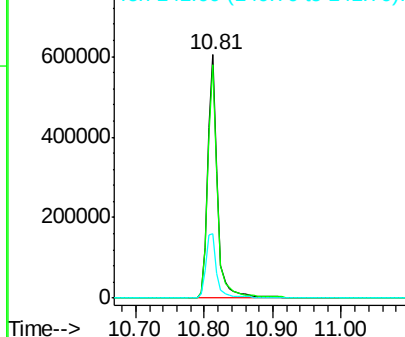
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

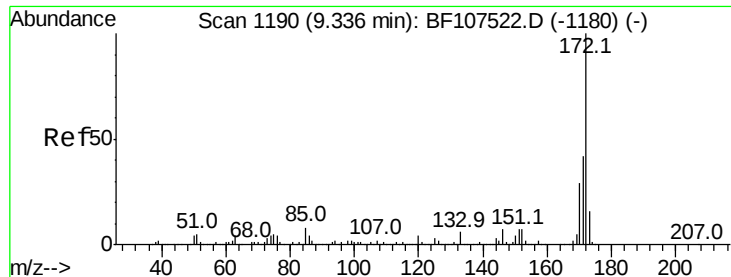


#41
2,4,6-Tribromophenol
Concen: 94.007 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	30.0	29.9	44.9

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





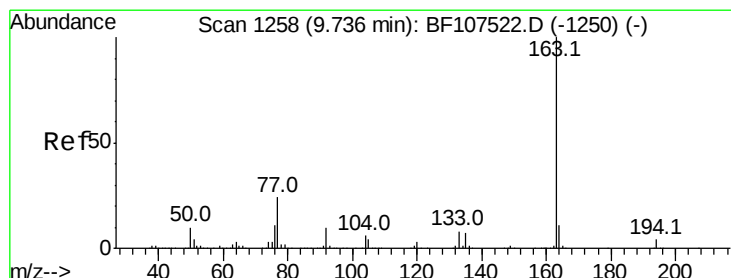
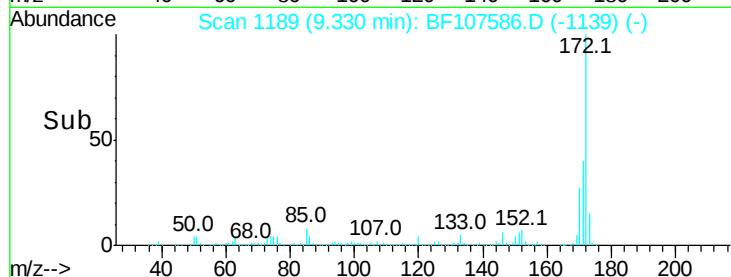
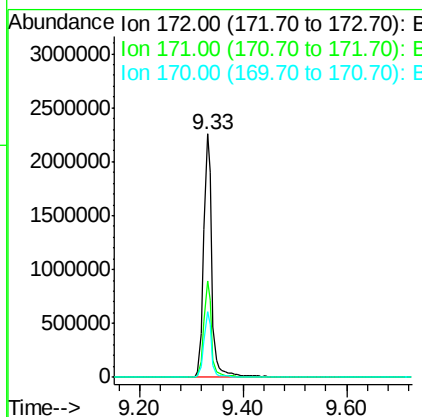
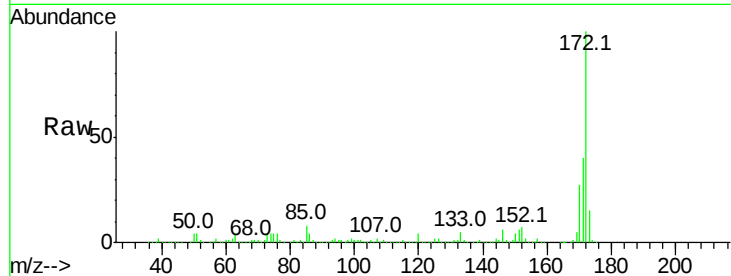
#44
2-Fluorobiphenyl
Concen: 72.702 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	29.7	44.5
170	27.0	19.6	29.4

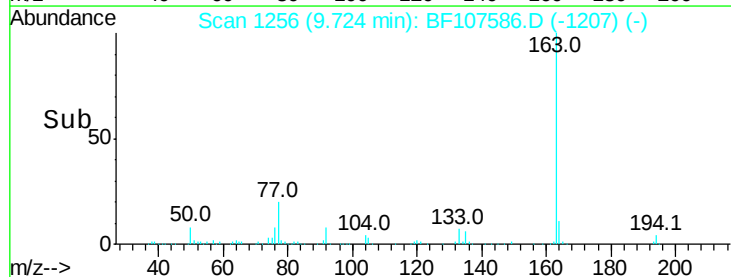
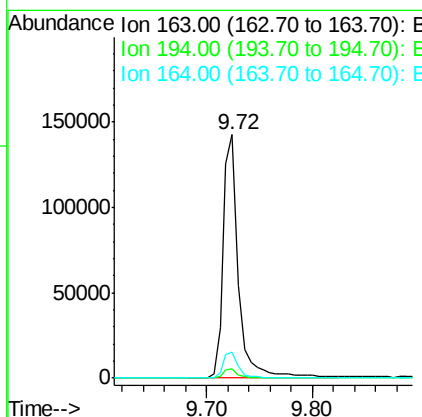
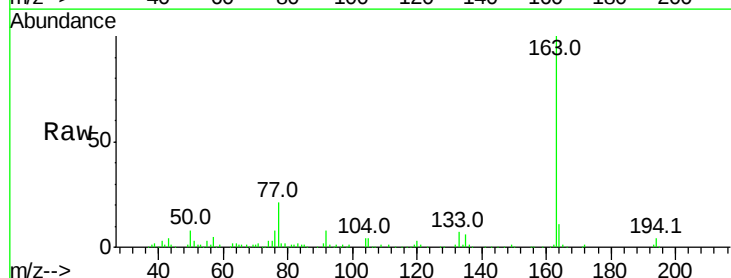
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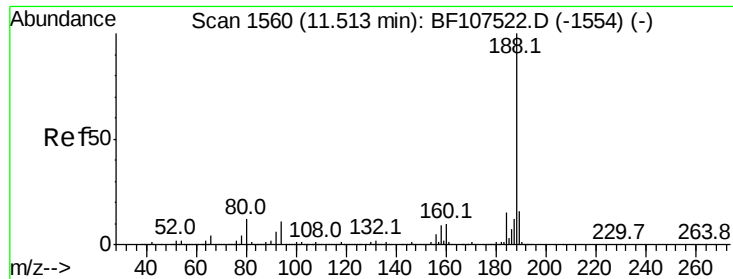
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#49
Dimethylphthalate
Concen: 3.371 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.7	8.2	12.2





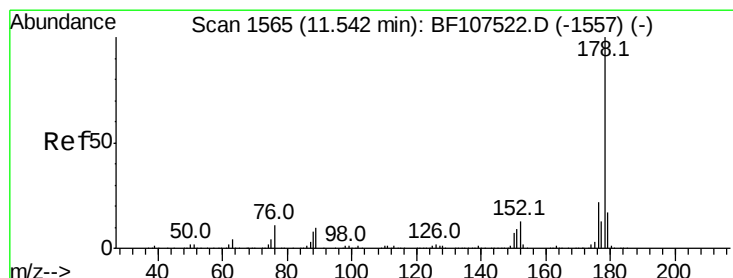
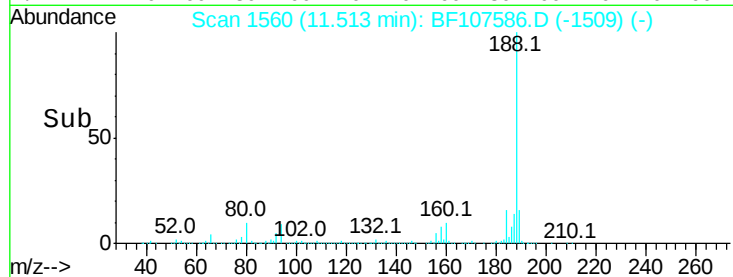
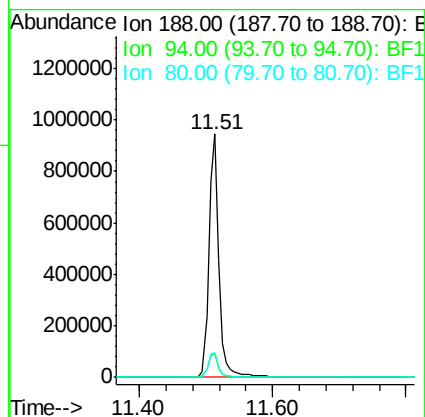
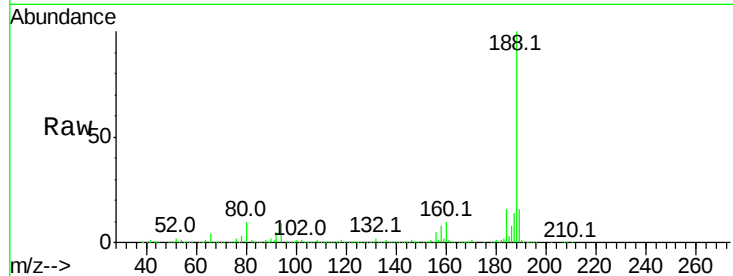
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	972706		
94	9.4		8.5	12.7
80	10.2		9.2	13.8

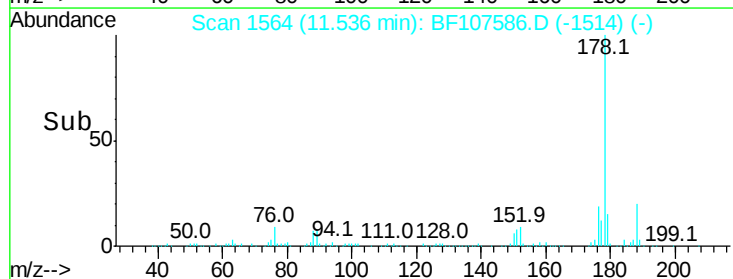
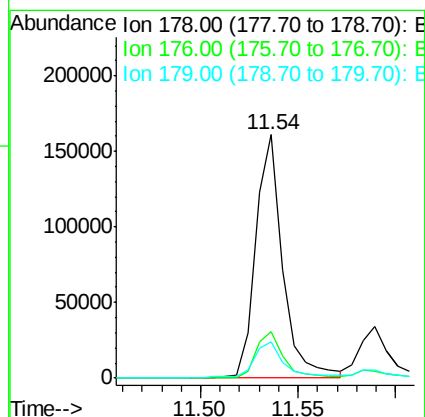
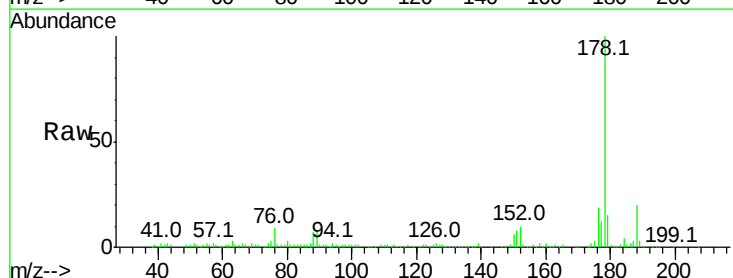
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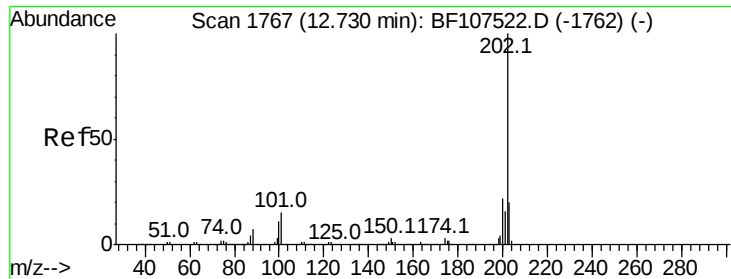
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#70
Phenanthrene
Concen: 3.251 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	154081		
176	19.3		15.8	23.8
179	15.1		13.0	19.6





#74

Fluoranthene

Concen: 3.423 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107586.D

Acq: 23 Jul 2018 14:24

Instrument :

BNA_F

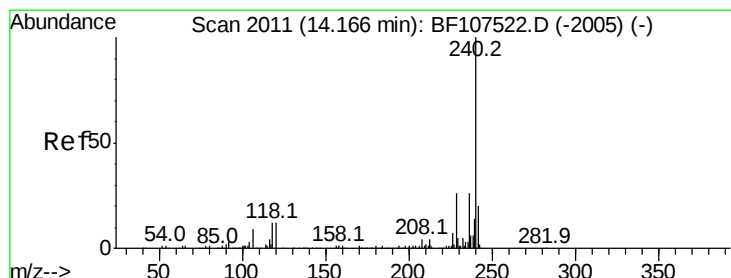
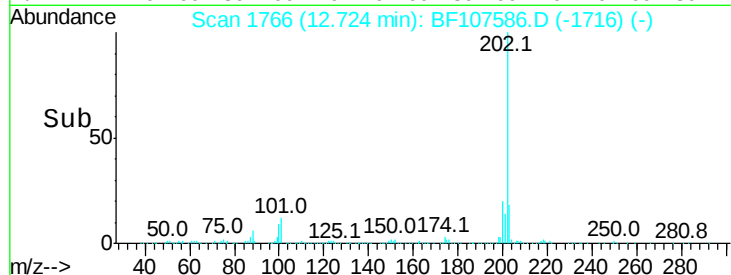
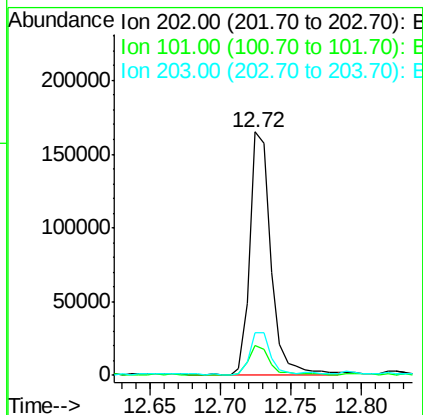
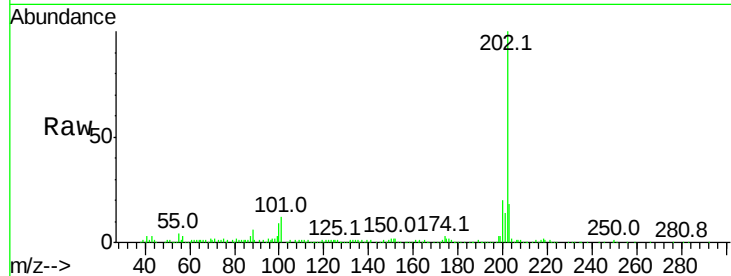
ClientSampleId :

TP-5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.5	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

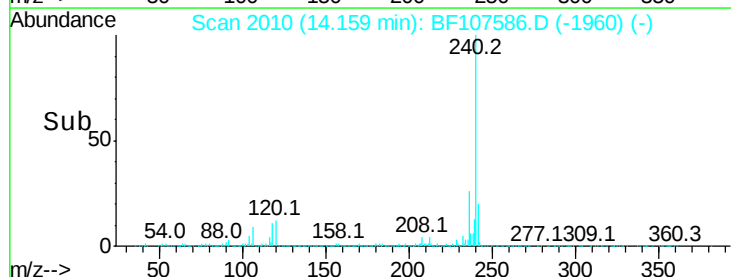
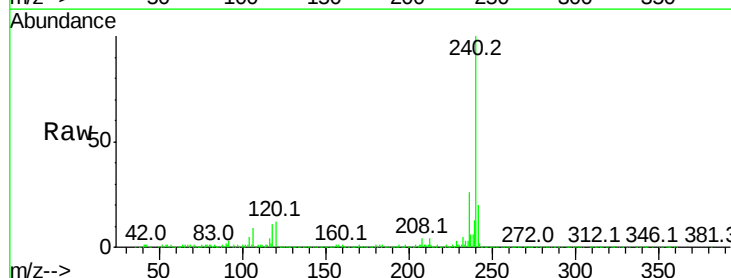
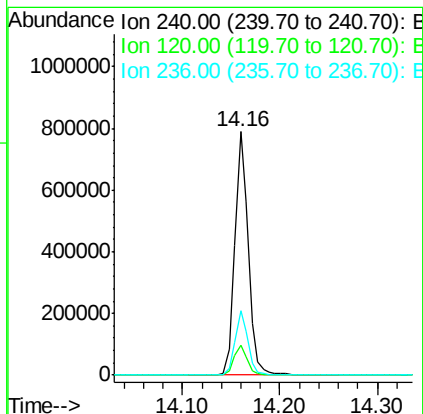
RT: 14.16 min Scan# 2010

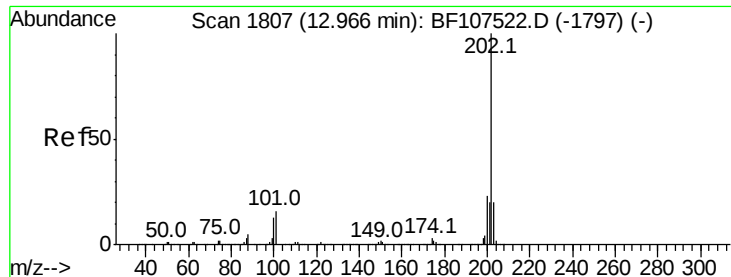
Delta R.T. -0.01 min

Lab File: BF107586.D

Acq: 23 Jul 2018 14:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.5	20.7	31.1





#77

Pvrene

Concen: 3.479 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF107586.D

Acq: 23 Jul 2018 14:24

Instrument :

BNA_F

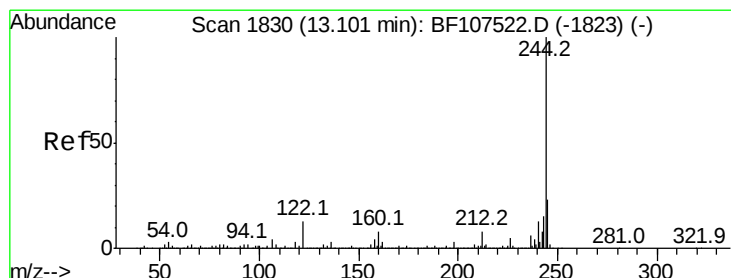
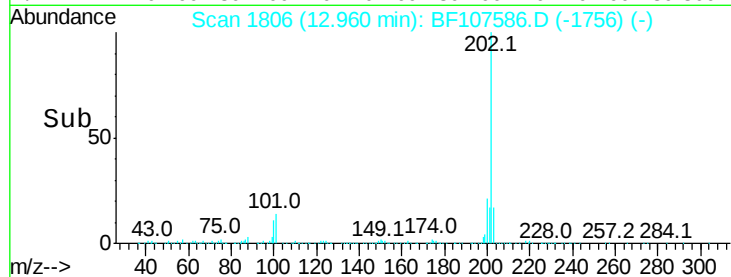
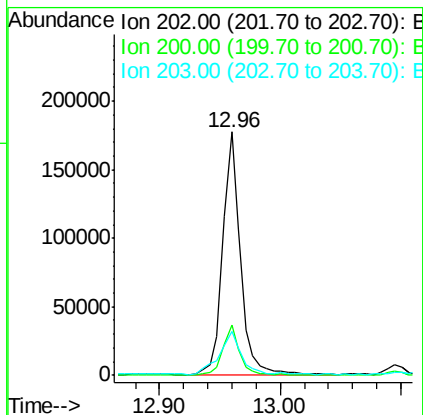
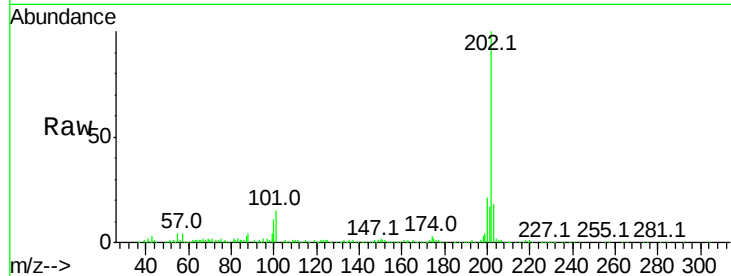
ClientSampleId :

TP-5

Tot Ion:	202	Resp:	179477
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	18.2	14.3	21.5

Manual Integrations
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Sohil
7/24/2018 5:25:45 PM



#78

Terphenyl-d14

Concen: 66.455 ng

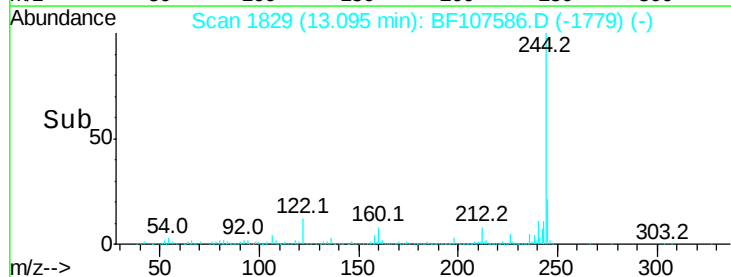
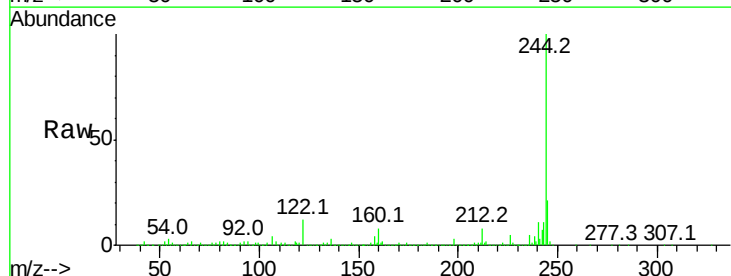
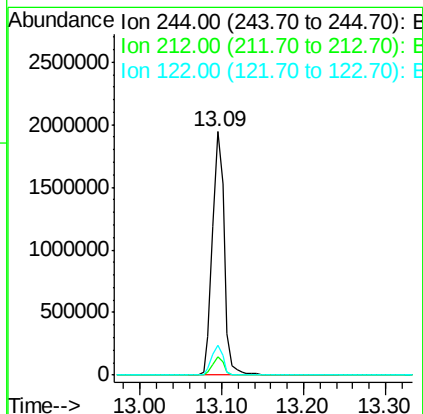
RT: 13.09 min Scan# 1829

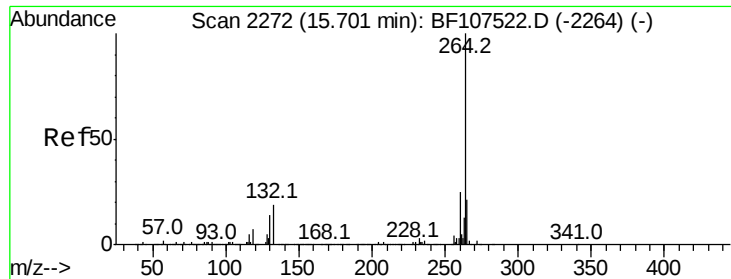
Delta R.T. -0.01 min

Lab File: BF107586.D

Acq: 23 Jul 2018 14:24

Tgt Ion:	244	Resp:	1958011
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.4	8.0
122	12.4	11.0	16.4





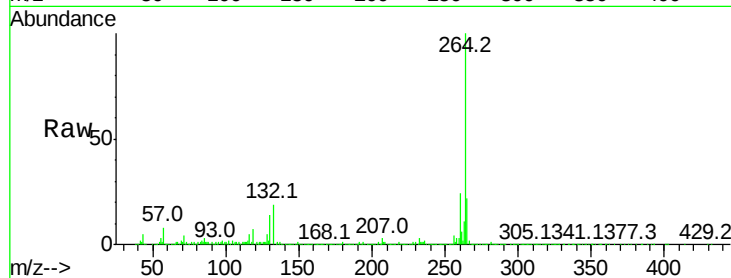
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

Instrument :
BNA_F
ClientSampled :
TP-5

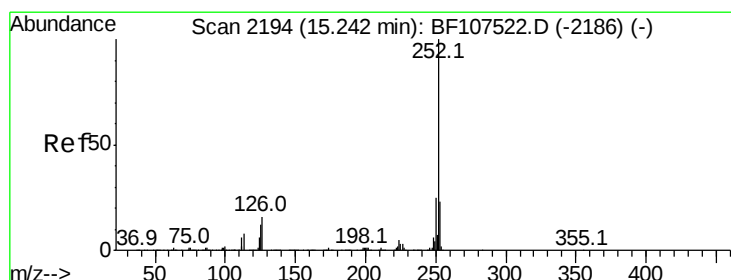
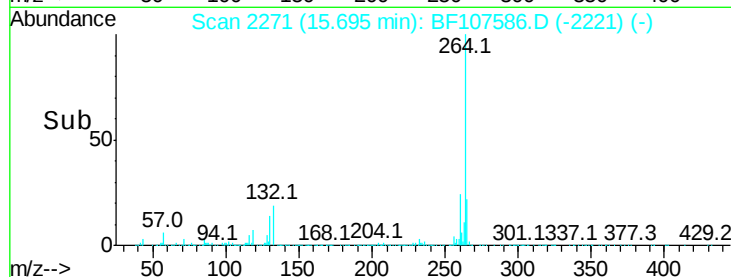
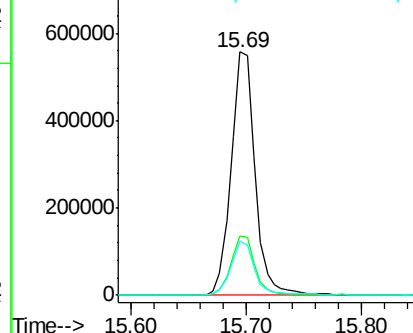
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
7/24/2018 5:25:45 PM

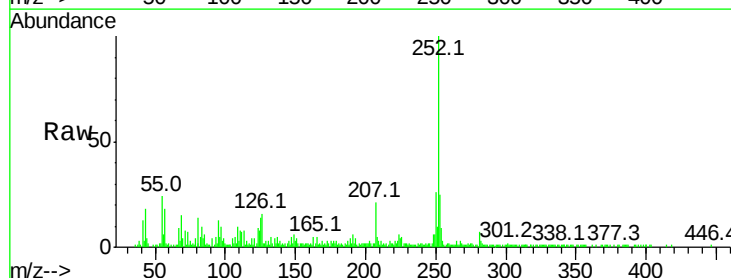


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 2.415 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107586.D
Acq: 23 Jul 2018 14:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	14.1	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

