

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101824.D
 Acq On : 29 Dec 2017 13:00
 Operator : SJ/JU
 Sample : I7034-15 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB-12(5.5-7.5)

Manual Integrations
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Quant Time: Dec 29 15:06:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	147541	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	583842	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	241917	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	399059	20.00	ng	0.00
75) Chrysene-d12	13.97	240	282679	20.00	ng	0.00
86) Perylene-d12	15.44	264	292511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	2941	0.30	ng	0.11
7) Phenol-d6	6.53	99	26557m	2.15	ng	0.10
23) Nitrobenzene-d5	7.42	82	13932m	1.33	ng	0.05
41) 2,4,6-Tribromophenol	10.64	330	2445	1.05	ng	0.02
44) 2-Fluorobiphenyl	9.15	172	30185	1.94	ng	0.00
78) Terphenyl-d14	12.89	244	20789	1.77	ng	0.00

Target Compounds Qvalue

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

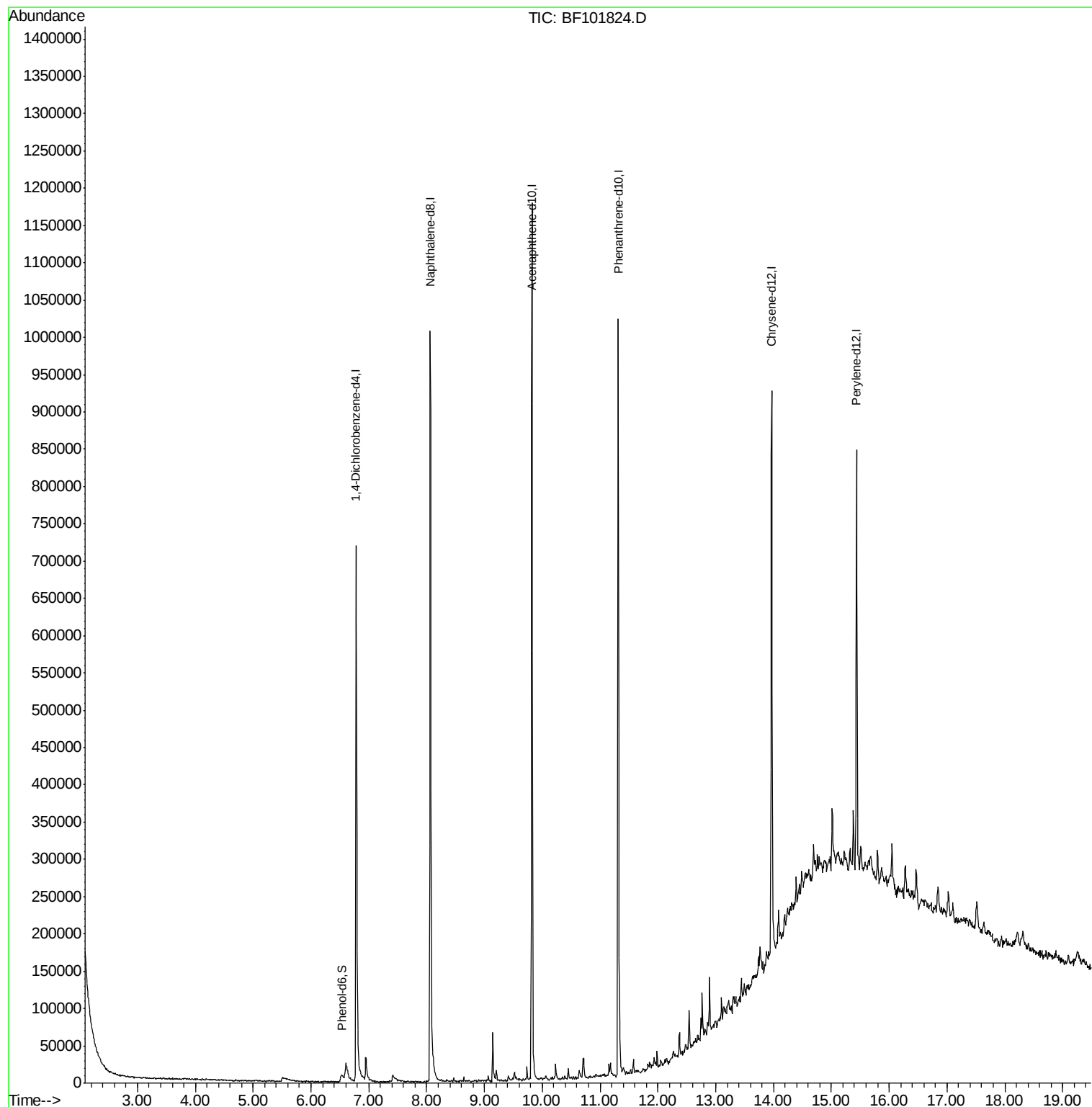
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101824.D
Acq On : 29 Dec 2017 13:00
Operator : SJ/JU
Sample : I7034-15 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

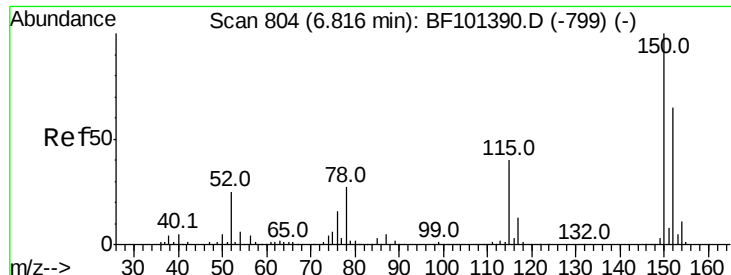
Instrument :
BNA_F
ClientSampleId :
TB-12(5.5-7.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

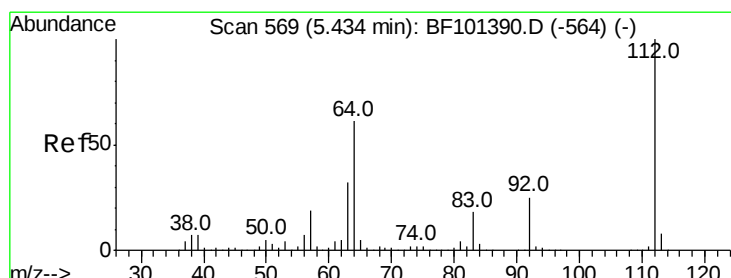
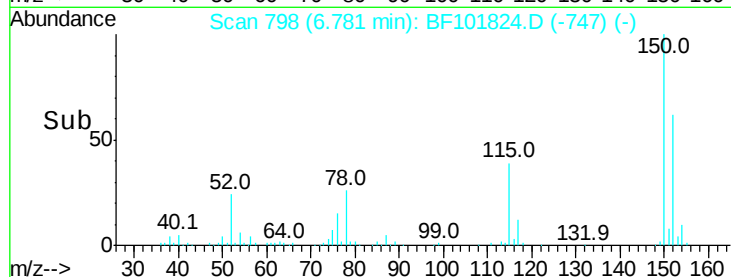
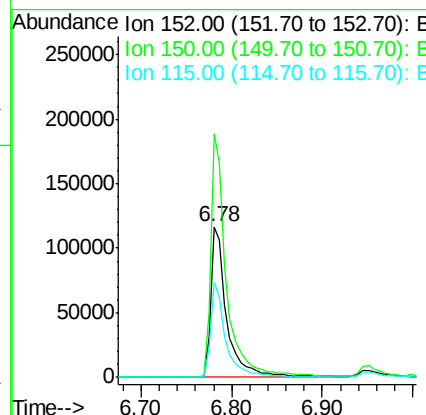
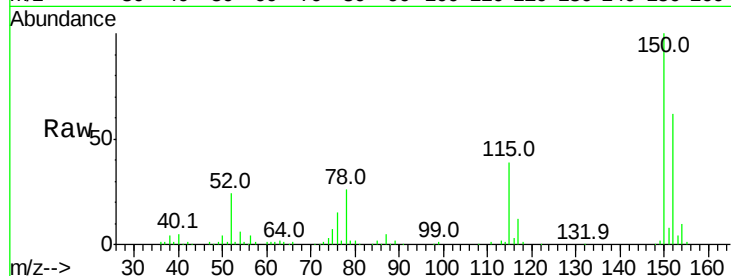
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF101824.D
Acq: 29 Dec 2017 13:00

Instrument :
BNA_F
ClientSampleId :
TB-12(5.5-7.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.6	186.8
115	63.1	50.1	75.1

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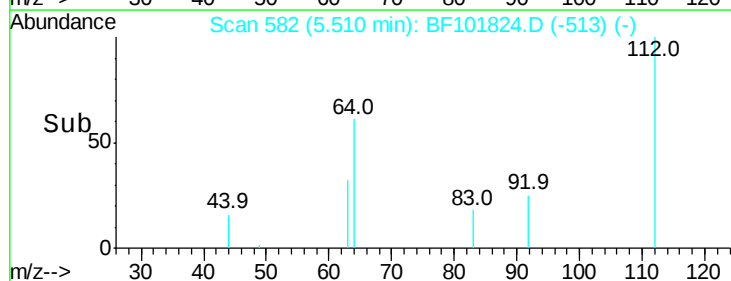
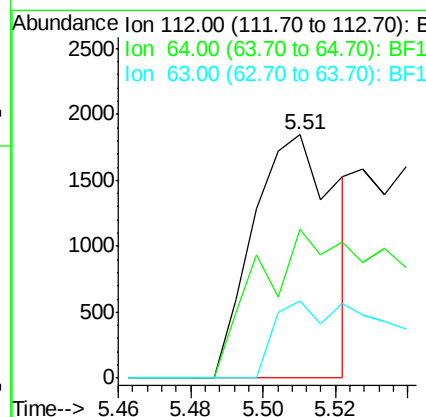
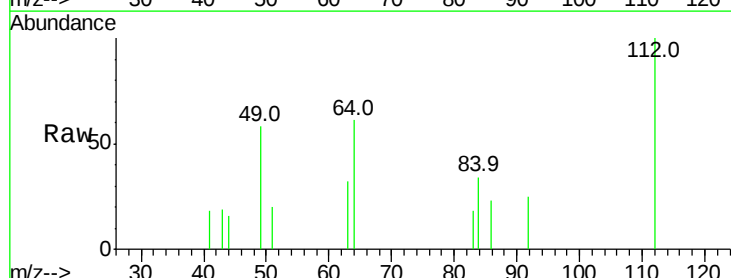
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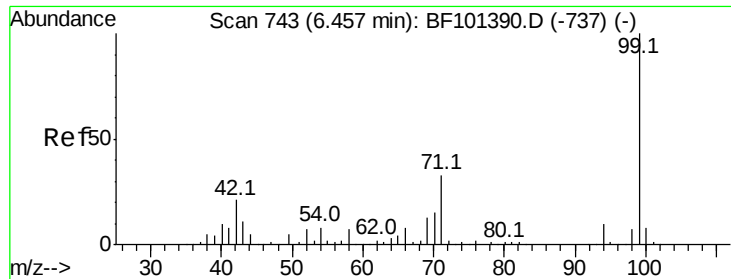


#5

2-Fluorophenol
Concen: 0.297 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.11 min
Lab File: BF101824.D
Acq: 29 Dec 2017 13:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.9	71.9
63	31.5	23.7	35.5





#7

Phenol-d6

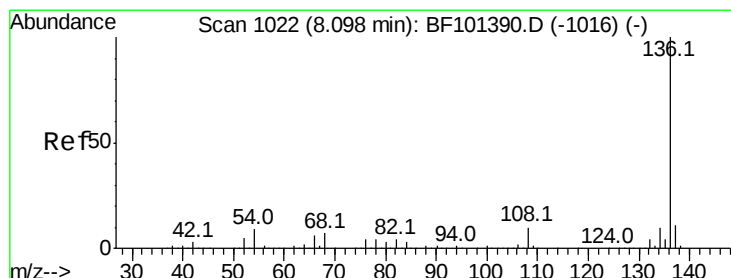
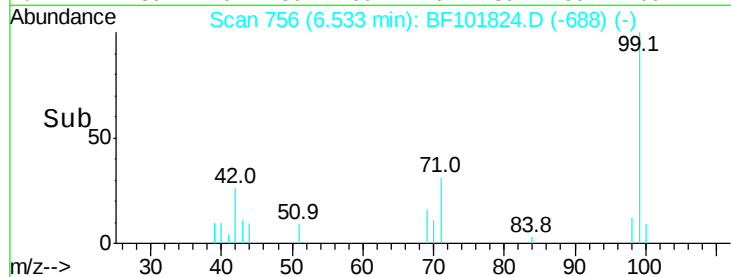
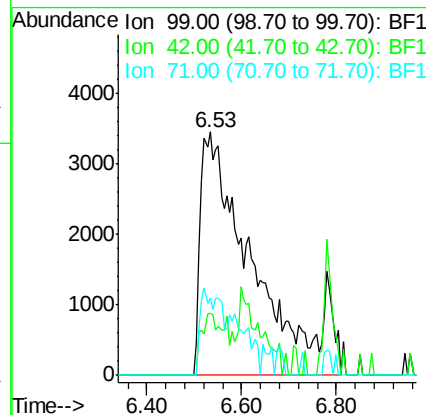
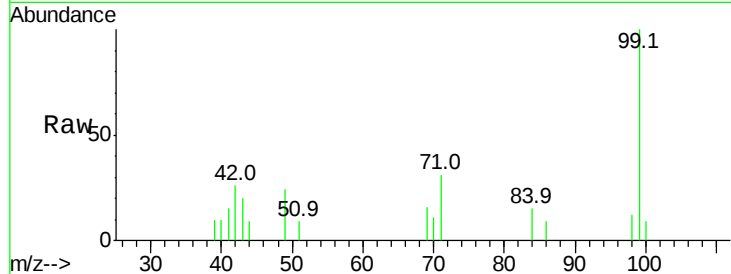
Concen: 2.154 ng/ml
 RT: 6.53 min Scan# 756
 Delta R.T. 0.10 min
 Lab File: BF101824.D
 Acq: 29 Dec 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TB-12(5.5-7.5)

Tot Ion	Ratio	Lower	Upper
99	100		
42	25.6	14.5	21.7#
71	31.5	25.4	38.0

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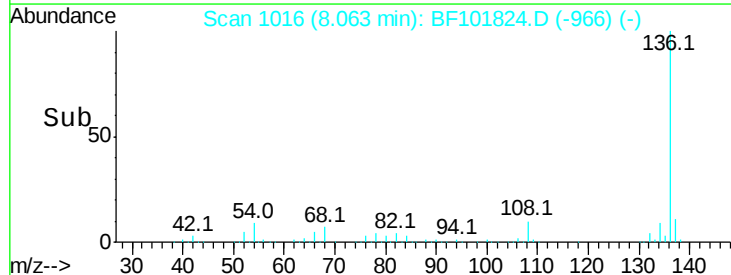
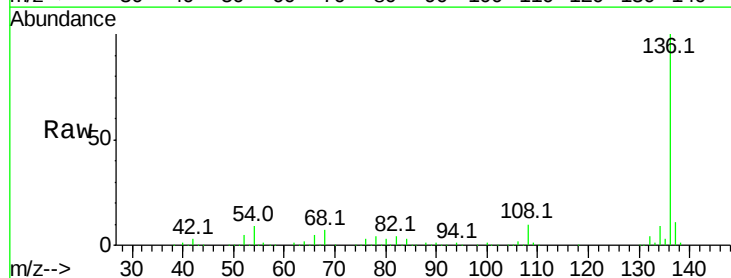
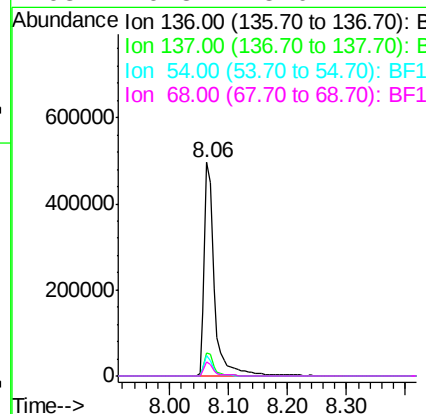


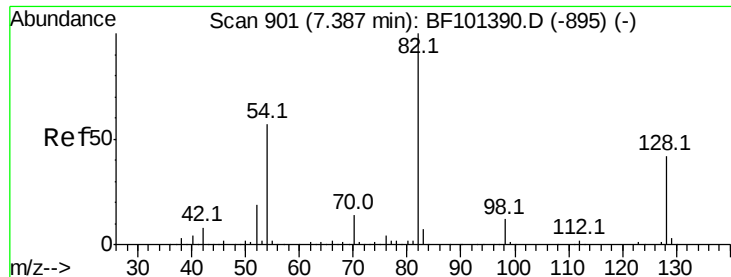
#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF101824.D
 Acq: 29 Dec 2017 13:00

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.4	6.6	9.8
68	6.8	5.0	7.4





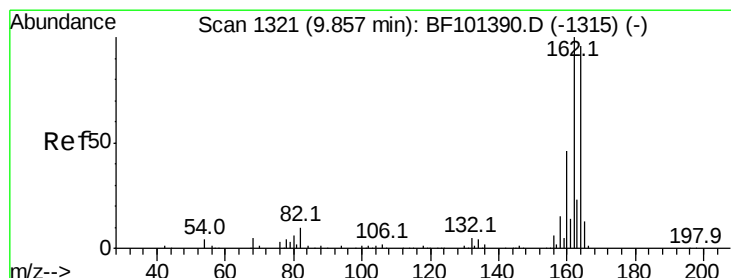
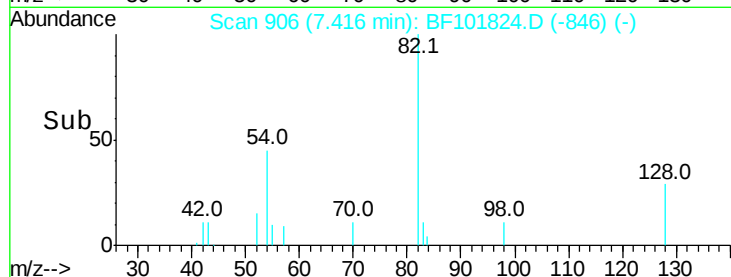
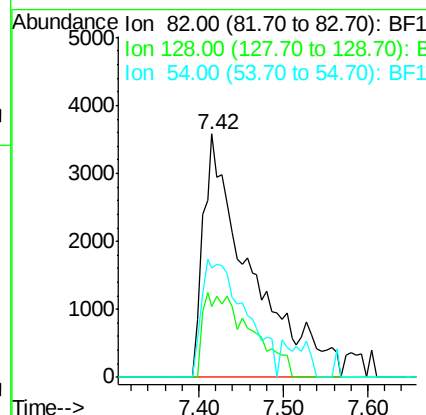
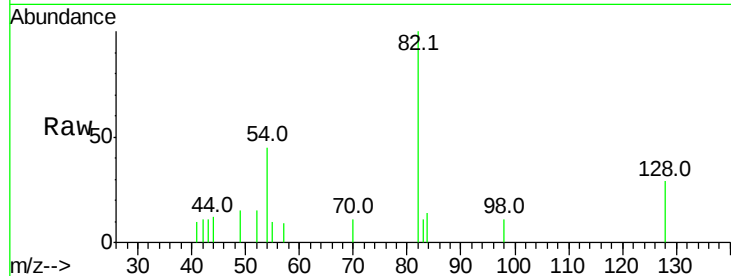
#23
Nitrobenzene-d5
Concen: 1.328 ng/ml
RT: 7.42 min Scan# 906
Delta R.T. 0.05 min
Lab File: BF101824.D
Acq: 29 Dec 2017 13:00

Instrument :
BNA_F
ClientSampleId :
TB-12(5.5-7.5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	29.1	36.1	54.1#
54	45.1	41.4	62.2

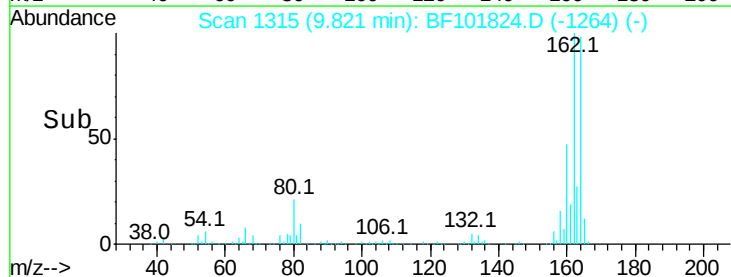
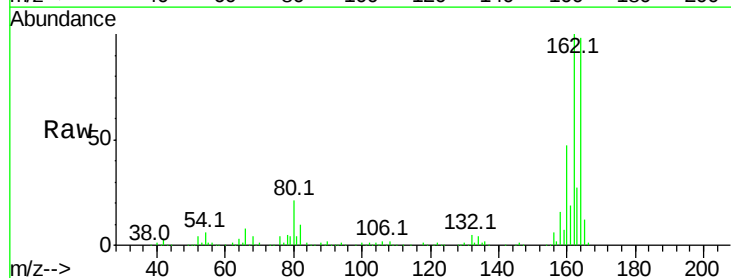
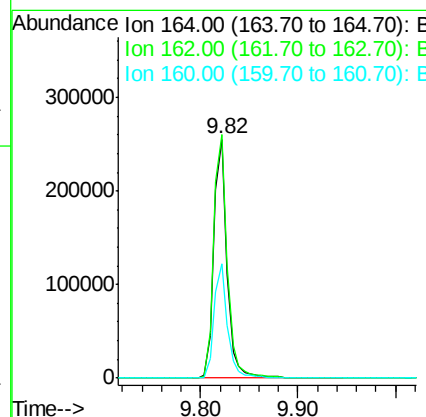
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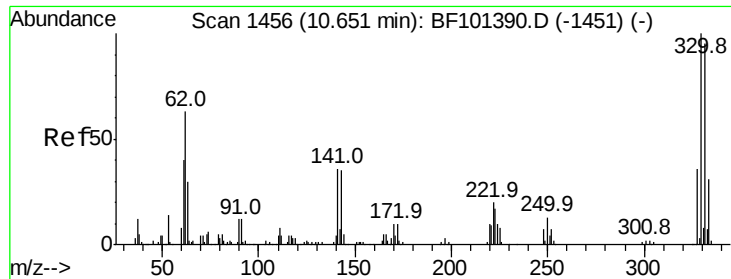
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF101824.D
Acq: 29 Dec 2017 13:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	47.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 1.049 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.02 min

Lab File: BF101824.D

Acq: 29 Dec 2017 13:00

Instrument :

BNA_F

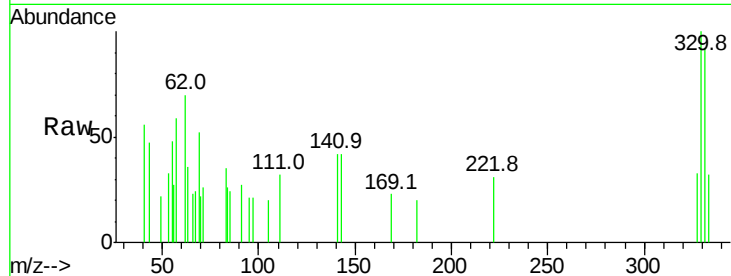
ClientSampled :

TB-12(5.5-7.5)

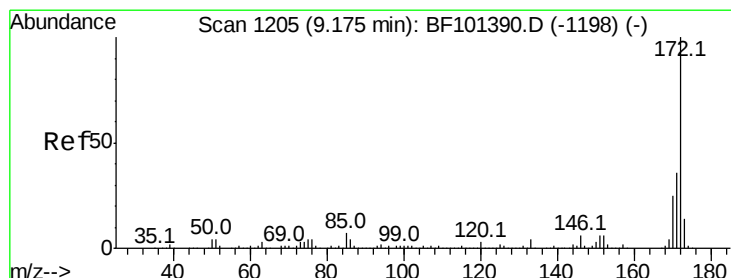
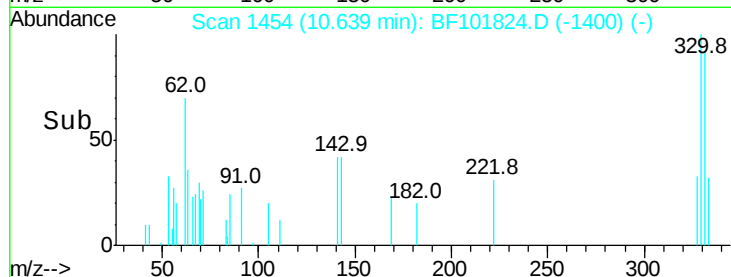
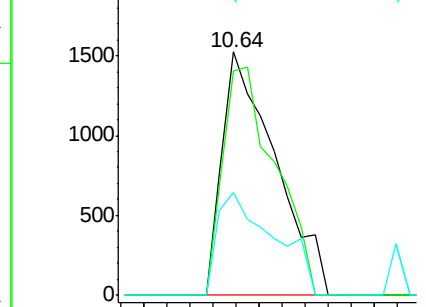
Tot Ion:	330	Resp:	2445
Ion Ratio	Lower	Upper	
330	100		
332	92.4	77.0	115.6
141	44.6	29.9	44.9

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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: 1.936 ng

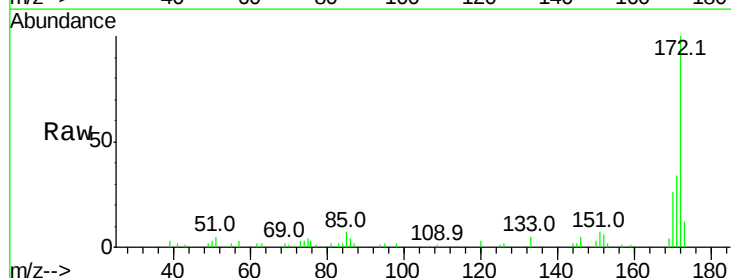
RT: 9.15 min Scan# 1200

Delta R.T. 0.01 min

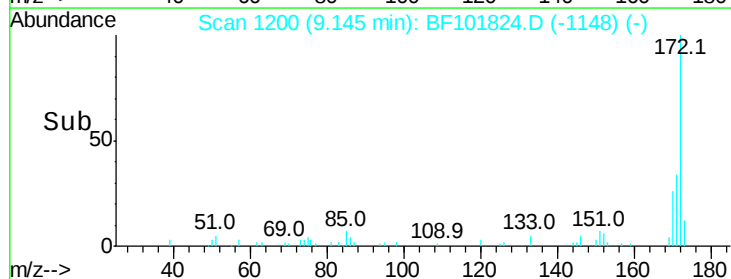
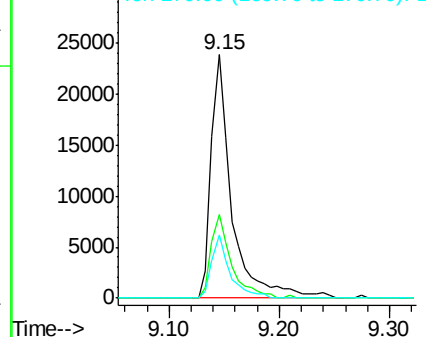
Lab File: BF101824.D

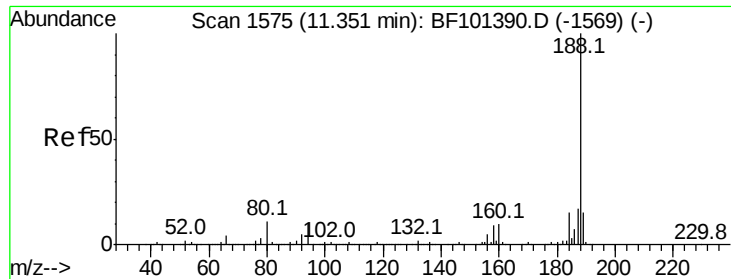
Acq: 29 Dec 2017 13:00

Tgt Ion:	172	Resp:	30185
Ion Ratio	Lower	Upper	
172	100		
171	34.3	29.7	44.5
170	26.0	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





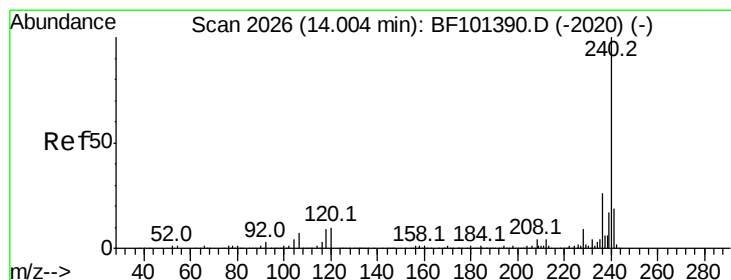
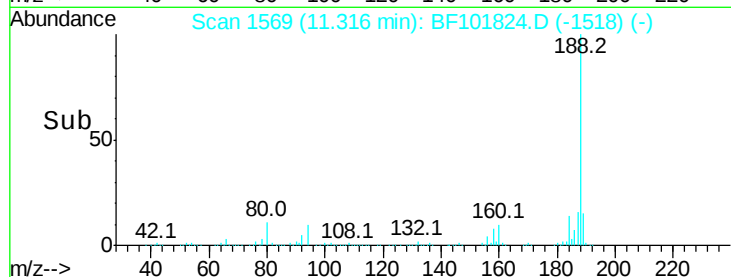
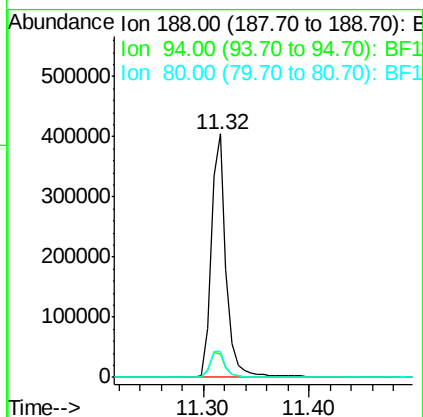
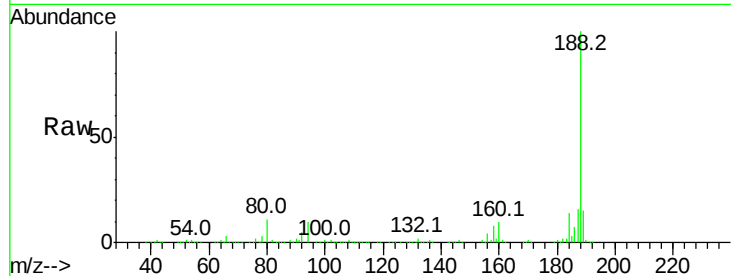
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101824.D
Acq: 29 Dec 2017 13:00

Instrument :
BNA_F
ClientSampleId :
TB-12(5.5-7.5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.6	9.2	13.8

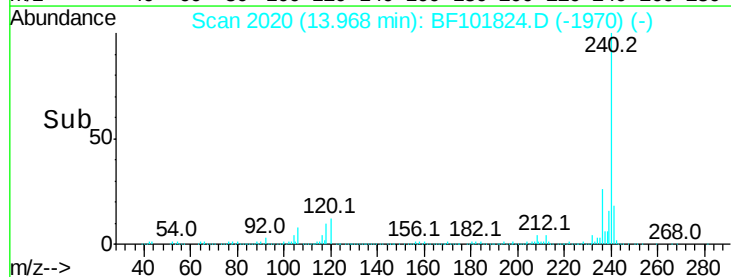
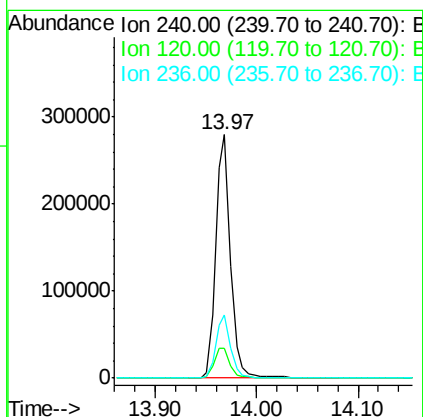
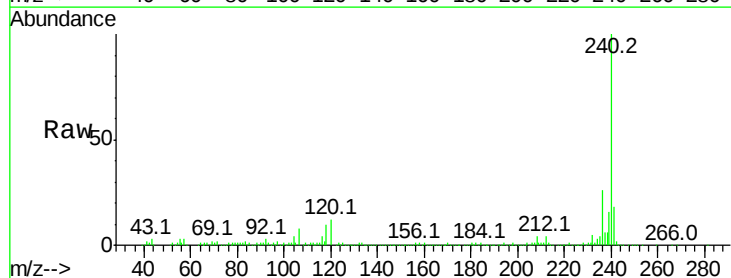
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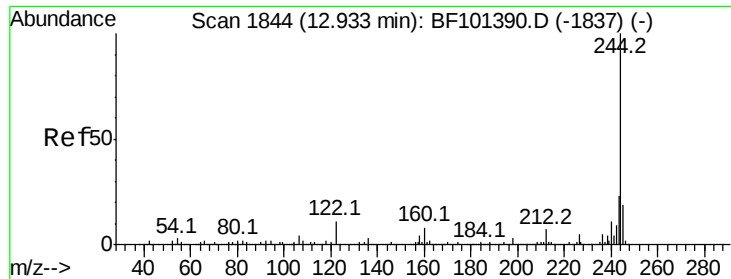
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101824.D
Acq: 29 Dec 2017 13:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.1	20.7	31.1





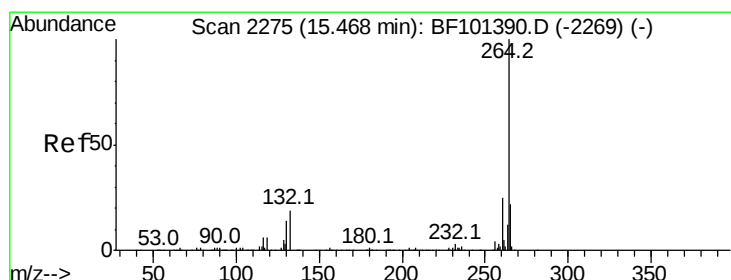
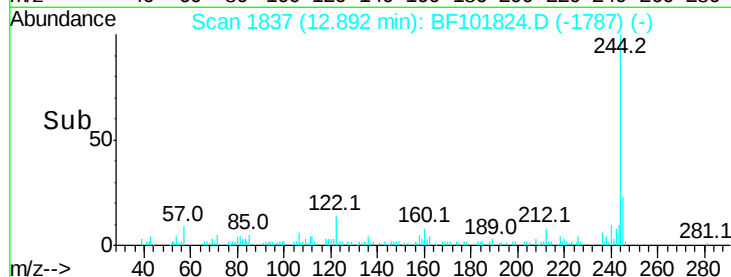
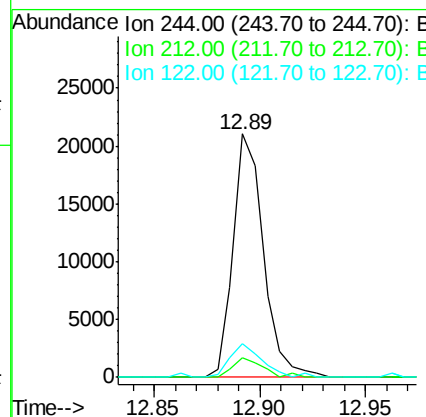
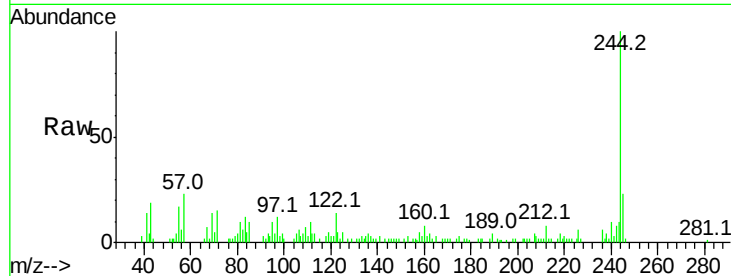
#78
 Terphenyl-d14
 Concen: 1.773 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF101824.D
 Acq: 29 Dec 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 TB-12(5.5-7.5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.0#
122	14.0	11.0	16.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF101824.D
 Acq: 29 Dec 2017 13:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.5	26.3

