

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101821.D
 Acq On : 29 Dec 2017 11:39
 Operator : SJ/JU
 Sample : I7034-05 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB-03(3-5)

Manual Integrations
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Quant Time: Dec 29 14:38:48 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	146626	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	574214	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	241491	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	402533	20.00	ng	0.00
75) Chrysene-d12	13.97	240	273219	20.00	ng	0.00
86) Perylene-d12	15.44	264	297173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	3222	0.33	ng	0.10
7) Phenol-d6	6.52	99	25935m	2.12	ng	0.09
23) Nitrobenzene-d5	7.42	82	13636m	1.32	ng	0.05
41) 2,4,6-Tribromophenol	10.64	330	3456	1.49	ng	0.02
44) 2-Fluorobiphenyl	9.15	172	28697	1.84	ng	0.00
78) Terphenyl-d14	12.89	244	20271	1.79	ng	0.00

Target Compounds Qvalue

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

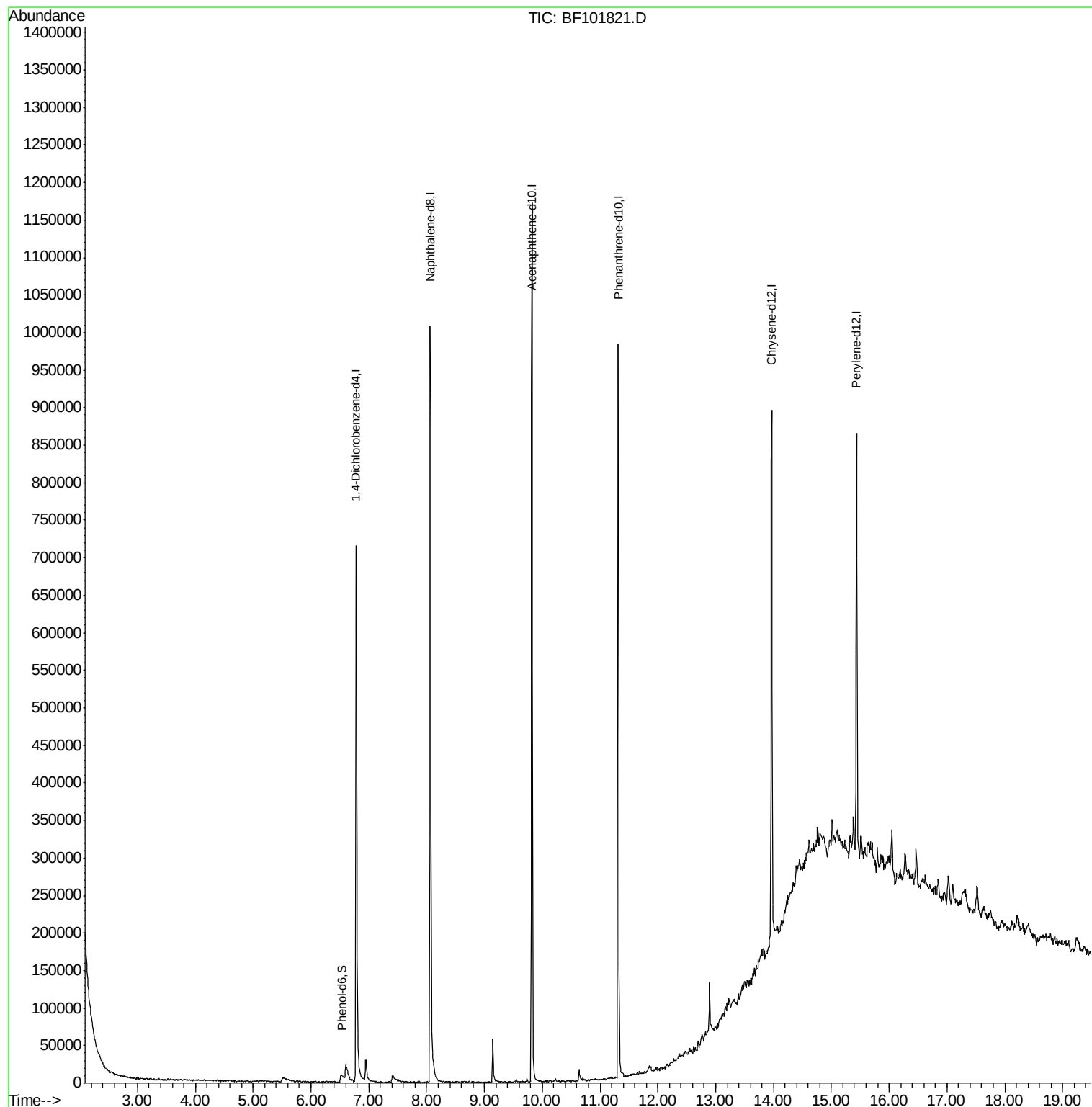
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
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#1

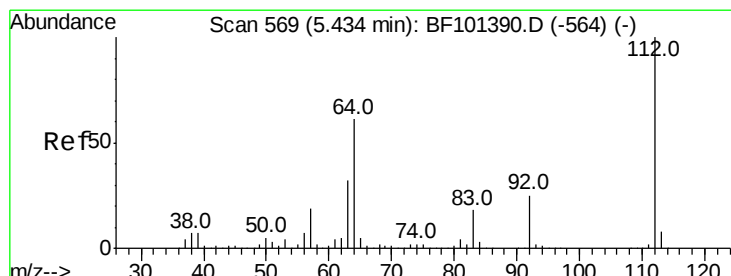
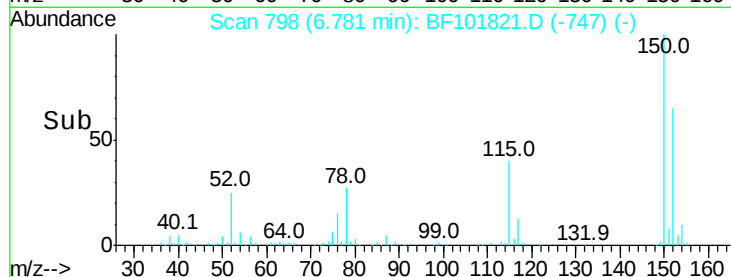
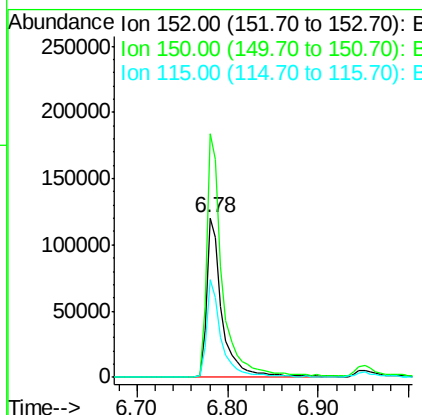
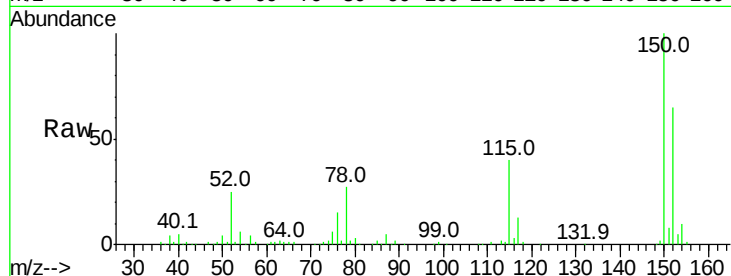
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101821.D
Acq: 29 Dec 2017 11:39

Instrument :
BNA_F
ClientSampled :
TB-03(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	61.5	50.1	75.1

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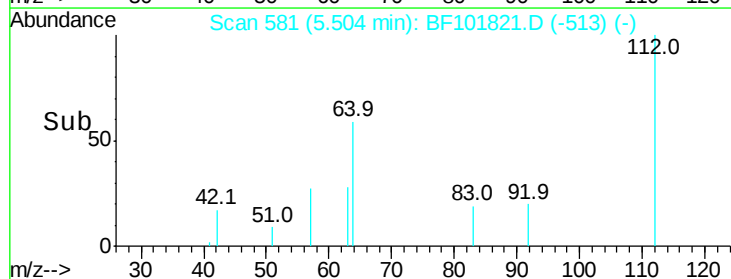
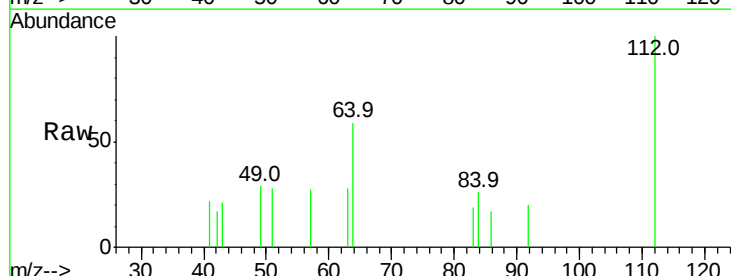
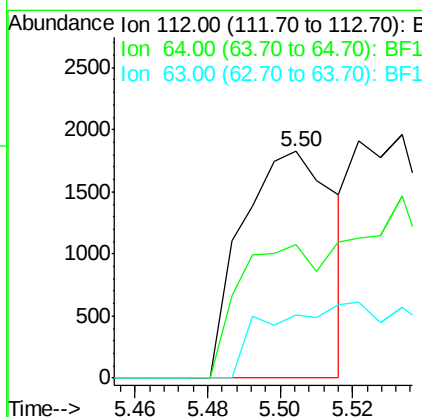
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#5

2-Fluorophenol
Concen: 0.327 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.10 min
Lab File: BF101821.D
Acq: 29 Dec 2017 11:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	27.9	23.7	35.5





#7

Phenol-d6

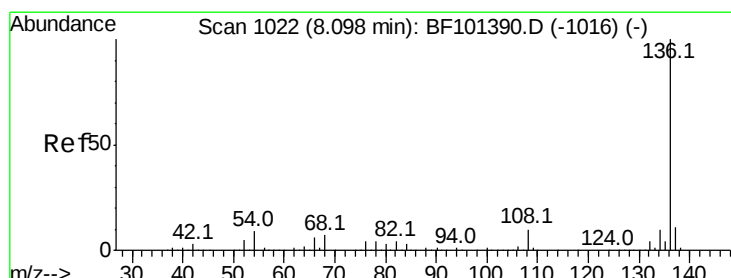
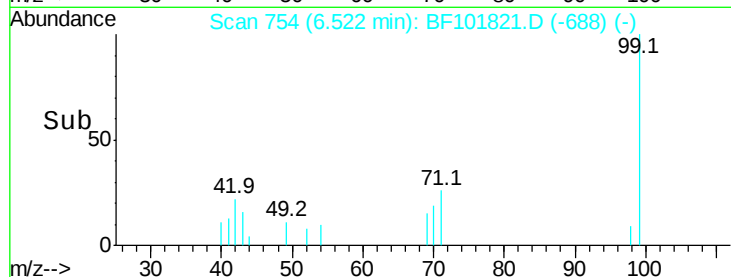
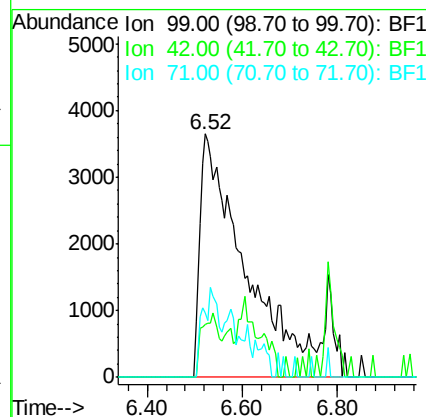
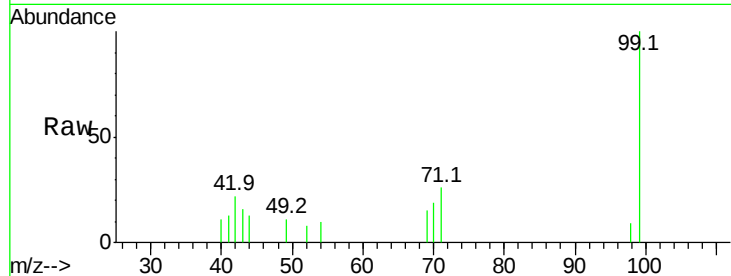
Concen: 2.117 ng/mL
 RT: 6.52 min Scan# 754
 Delta R.T. 0.09 min
 Lab File: BF101821.D
 Acq: 29 Dec 2017 11:39

Instrument :
 BNA_F
 ClientSampleId :
 TB-03(3-5)

Tot Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	26.3	25.4	38.0

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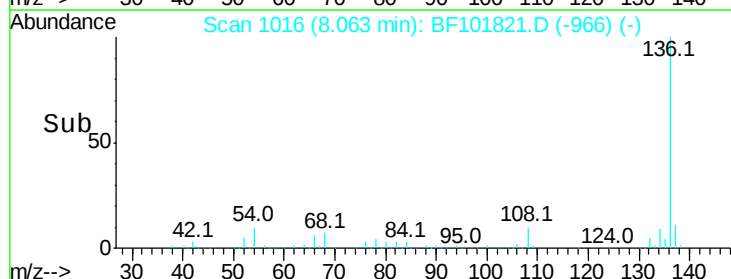
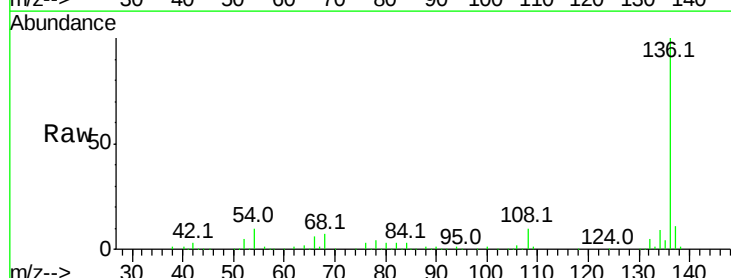
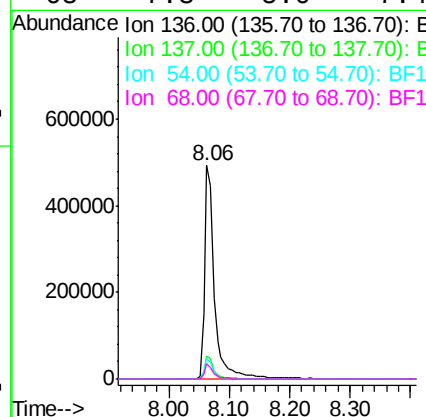


#21

Naphthalene-d8

Concen: 20.000 ng/mL
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF101821.D
 Acq: 29 Dec 2017 11:39

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	6.6	9.8
68	7.3	5.0	7.4





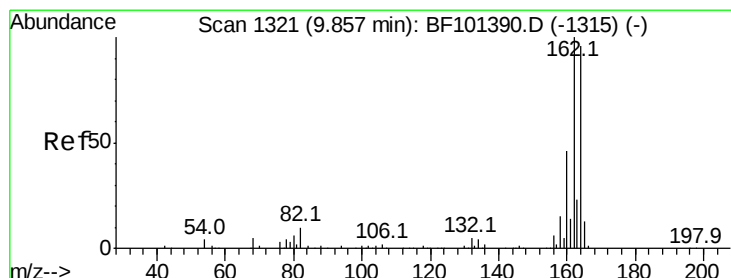
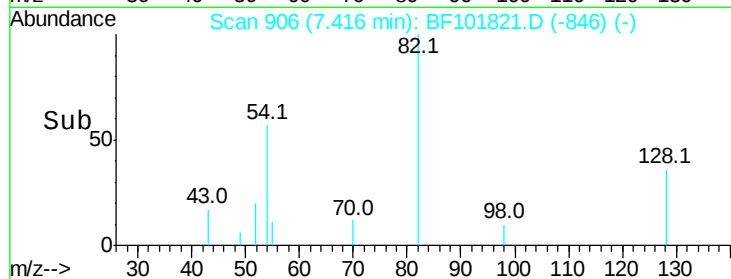
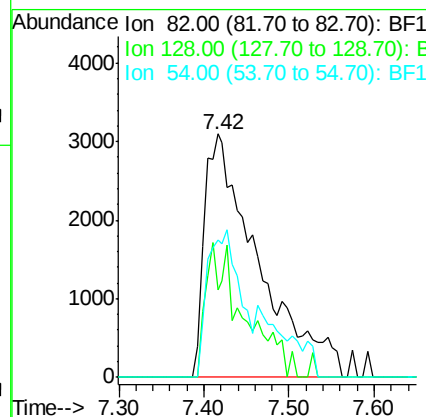
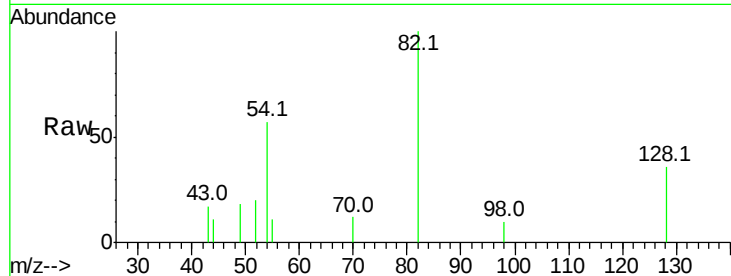
#23
Nitrobenzene-d5
Concen: 1.322 ng/ml
RT: 7.42 min Scan# 906
Delta R.T. 0.05 min
Lab File: BF101821.D
Acq: 29 Dec 2017 11:39

Instrument :
BNA_F
ClientSampleId :
TB-03(3-5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	36.1	54.1#
54	56.5	41.4	62.2

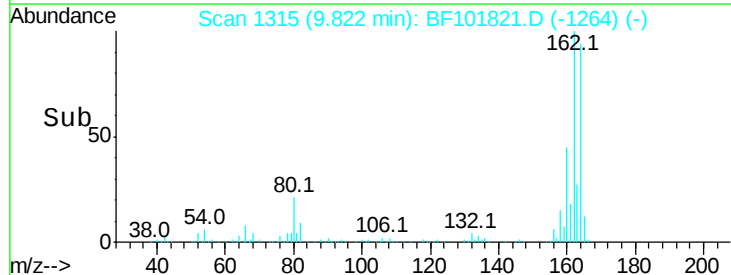
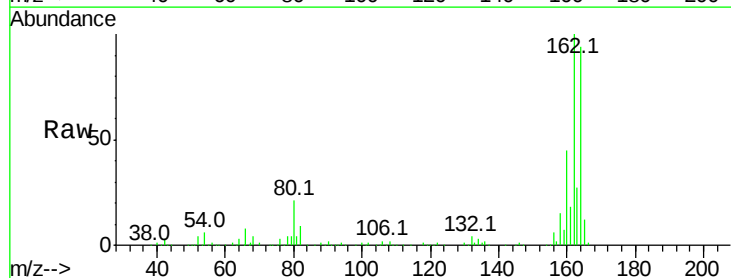
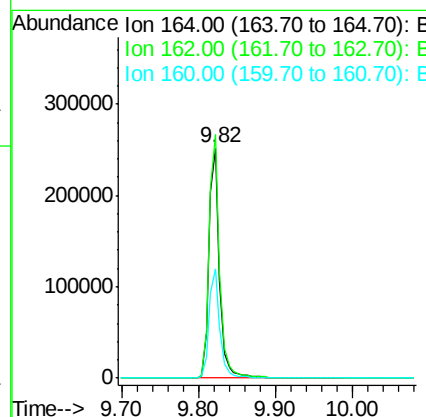
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF101821.D
Acq: 29 Dec 2017 11:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	47.6	38.3	57.5





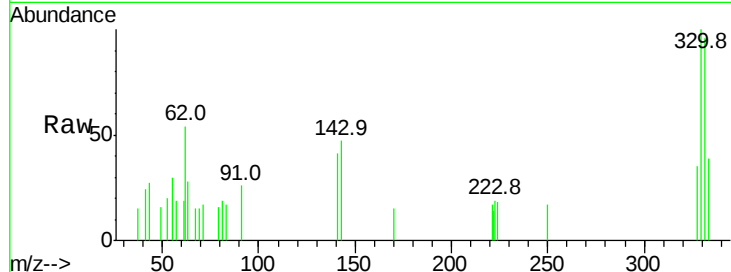
#41
 2,4,6-Tribromophenol
 Concen: 1.485 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.02 min
 Lab File: BF101821.D
 Acq: 29 Dec 2017 11:39

Instrument :
 BNA_F
 ClientSampled :
 TB-03(3-5)

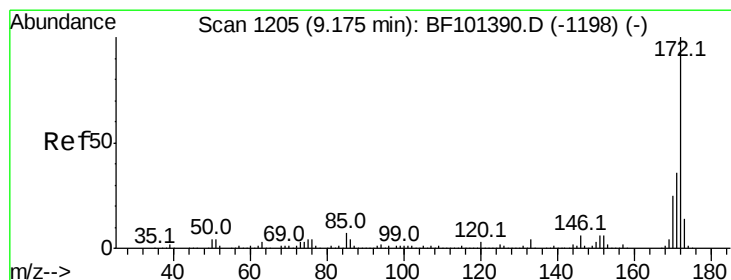
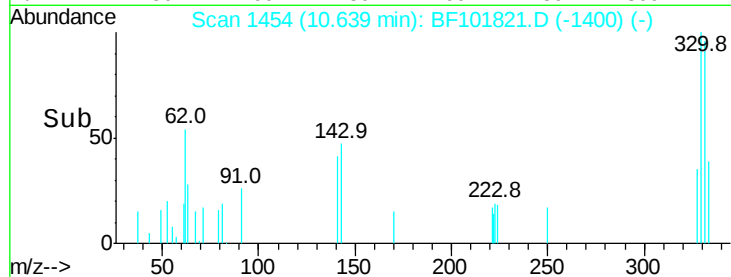
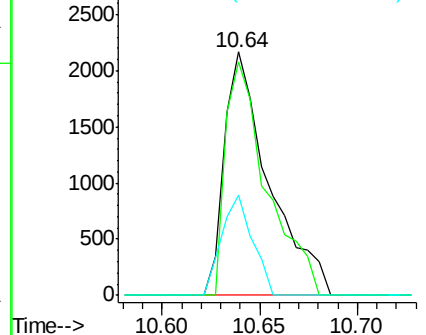
Tot Ion	Ratio	Lower	Upper
330	100		
332	88.3	77.0	115.6
141	28.4	29.9	44.9#

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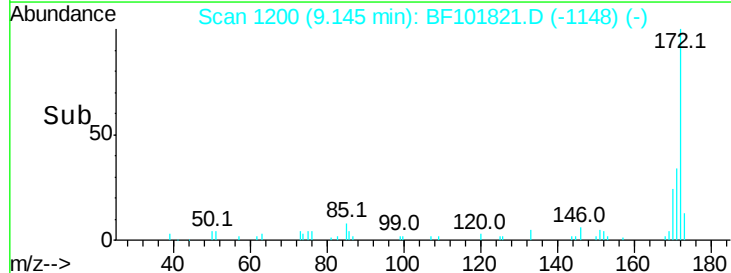
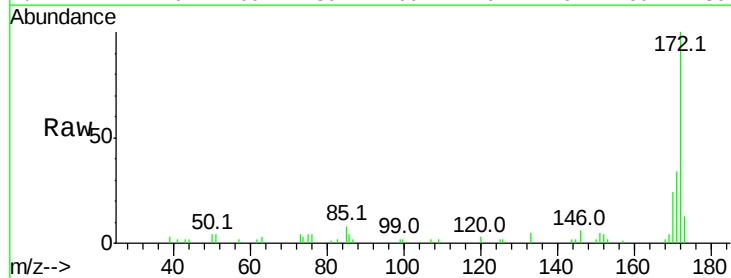
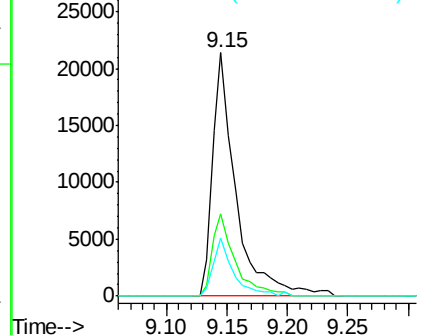
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

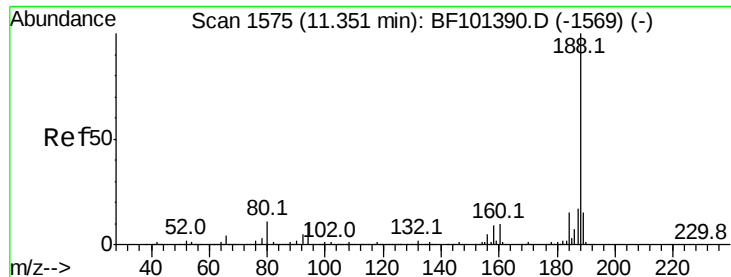


#44
 2-Fluorobiphenyl
 Concen: 1.843 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF101821.D
 Acq: 29 Dec 2017 11:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.7	44.5
170	23.8	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





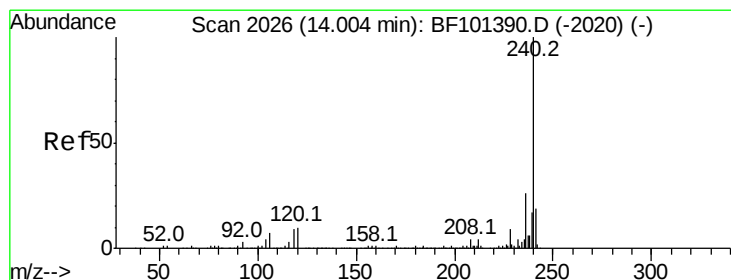
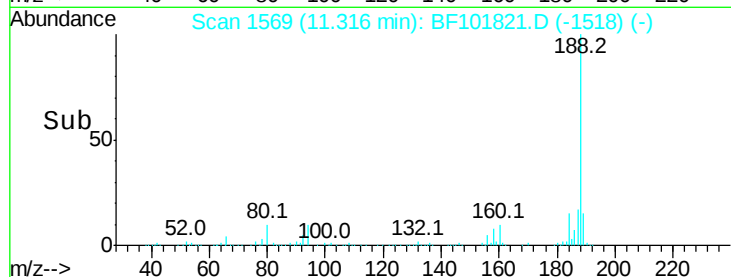
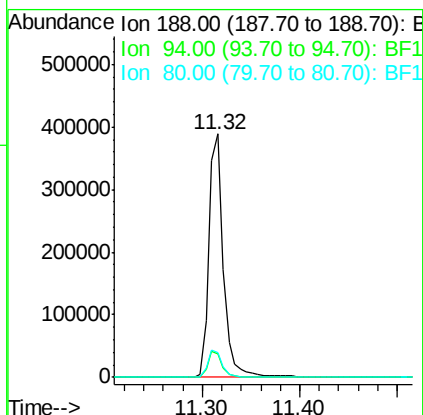
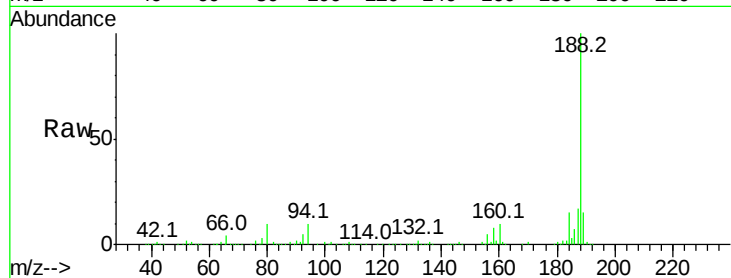
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101821.D
Acq: 29 Dec 2017 11:39

Instrument :
BNA_F
ClientSampled :
TB-03(3-5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8

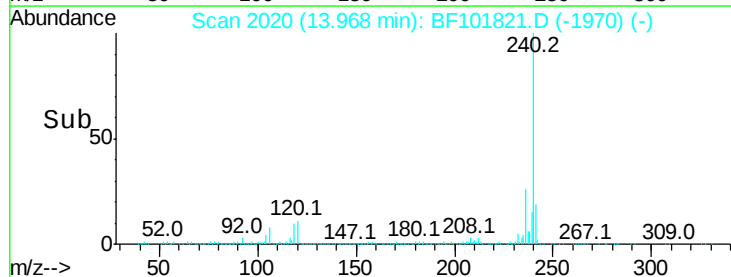
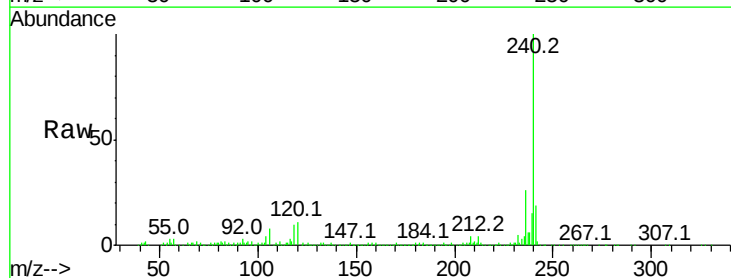
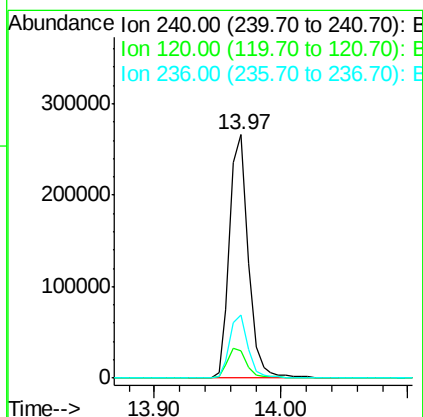
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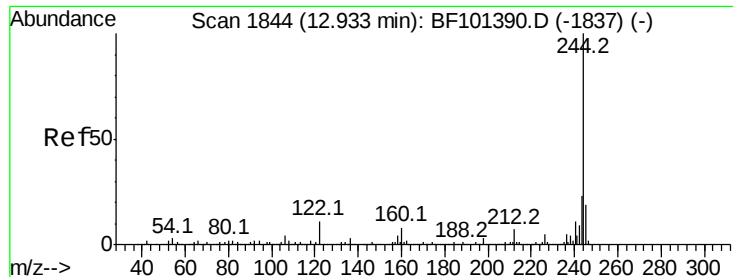
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101821.D
Acq: 29 Dec 2017 11:39

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.7	20.7	31.1





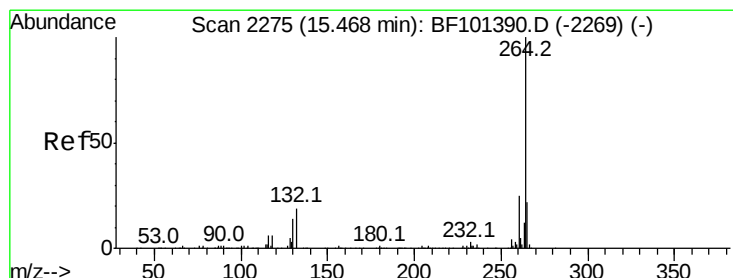
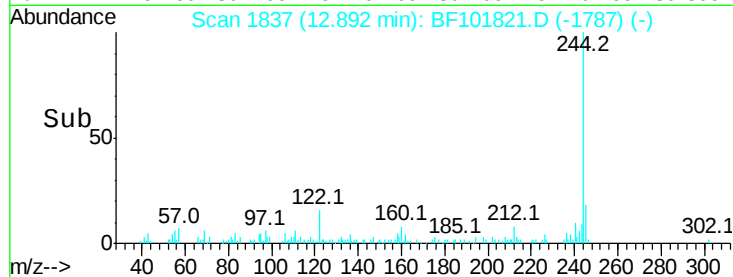
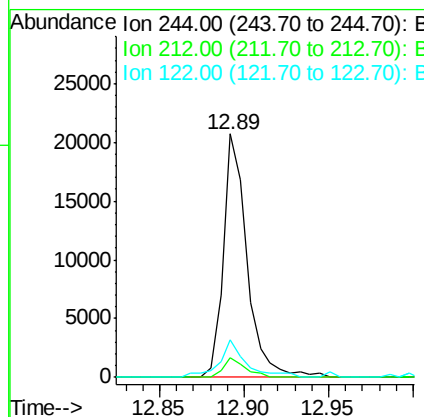
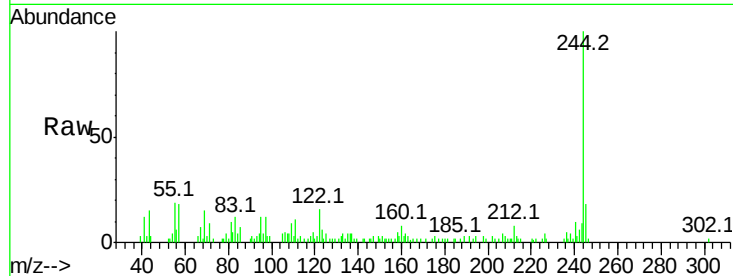
#78
 Terphenyl-d14
 Concen: 1.789 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF101821.D
 Acq: 29 Dec 2017 11:39

Instrument :
 BNA_F
 ClientSampleId :
 TB-03(3-5)

Tot Ion:	244	Resp:	20271
Ion Ratio	Lower	Upper	
244	100		
212	8.0	5.4	8.0
122	15.5	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: BF101821.D
 Acq: 29 Dec 2017 11:39

Tgt Ion:	264	Resp:	297173
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	20.3	17.5	26.3

