

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101822.D
 Acq On : 29 Dec 2017 12:06
 Operator : SJ/JU
 Sample : I7034-08 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB-05(5-6)

Manual Integrations
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Quant Time: Dec 29 15:03:44 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	134825	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	533043	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	219915	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	362729	20.00	ng	0.00
75) Chrysene-d12	13.97	240	263661	20.00	ng	0.00
86) Perylene-d12	15.44	264	286129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	129016m	14.25	ng	0.03
7) Phenol-d6	6.45	99	156140	13.86	ng	0.02
23) Nitrobenzene-d5	7.37	82	91225	9.53	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	23663	11.17	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	155422	10.96	ng	0.00
78) Terphenyl-d14	12.89	244	102183	9.34	ng	0.00

Target Compounds Qvalue

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

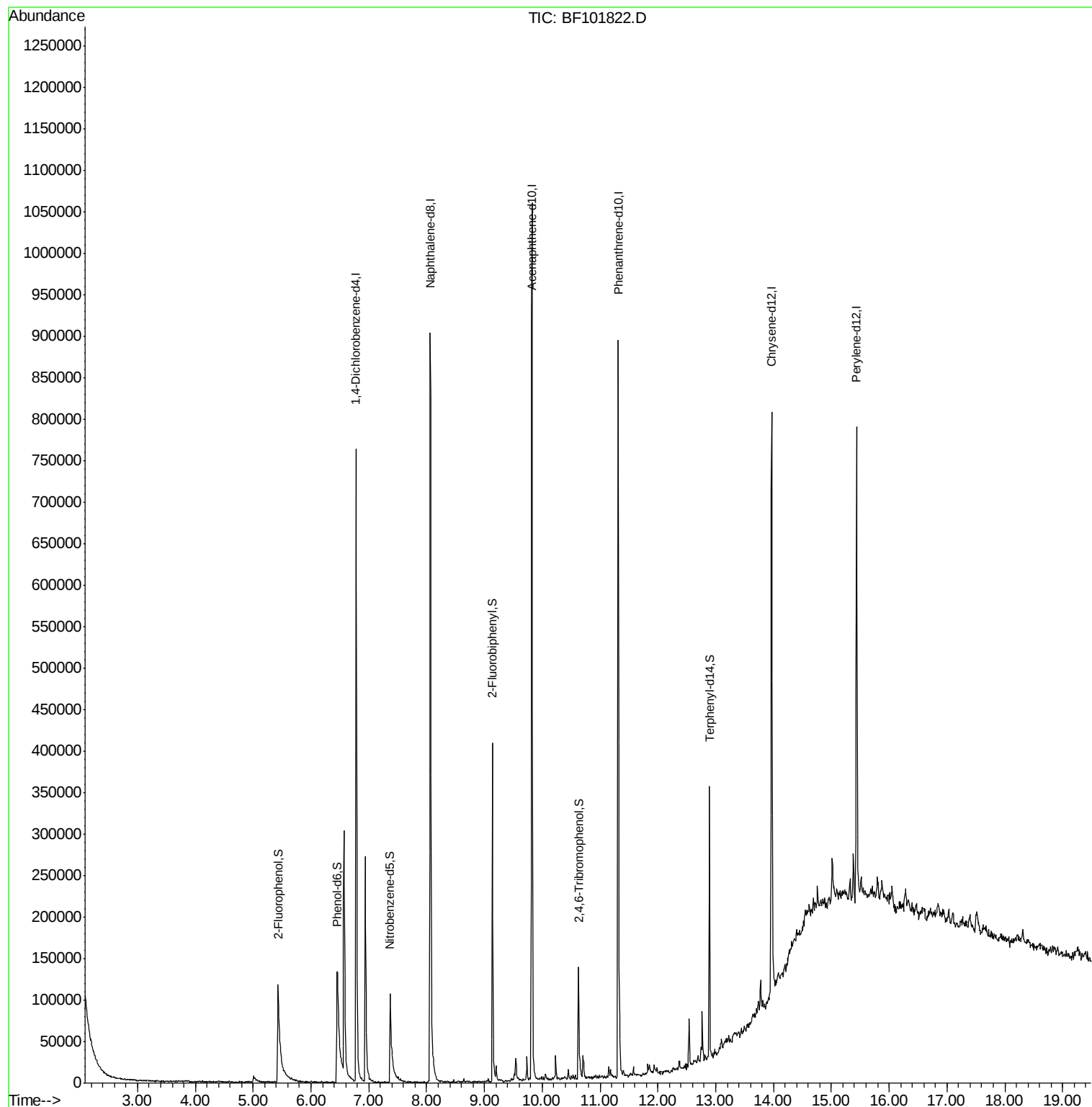
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101822.D
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ALS Vial : 8 Sample Multiplier: 1

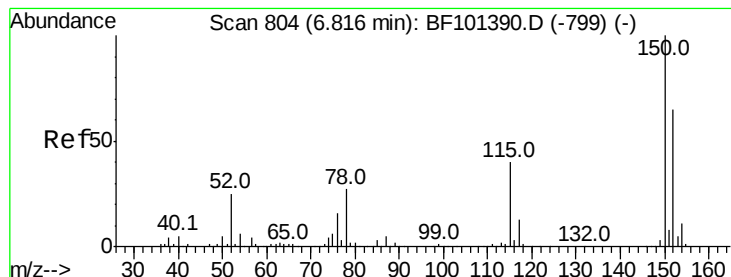
Instrument :
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#1

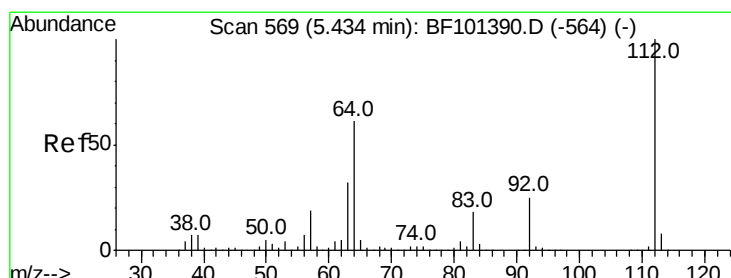
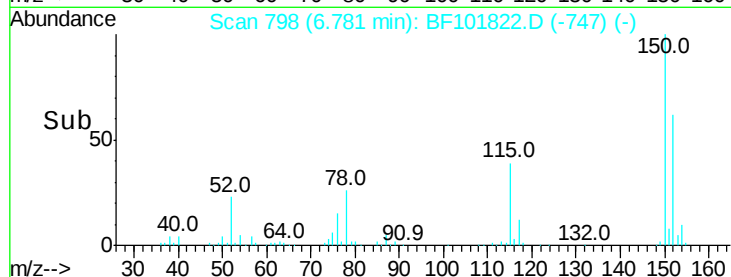
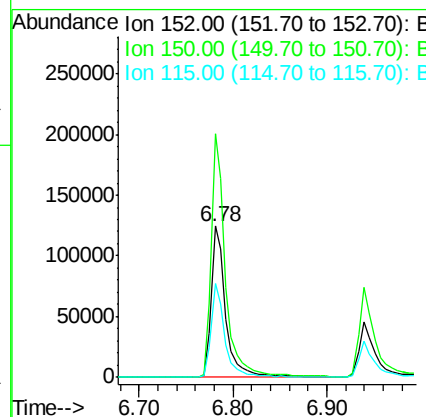
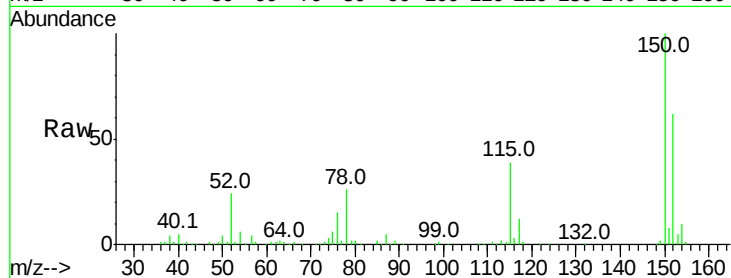
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101822.D
Acq: 29 Dec 2017 12:06

Instrument :
BNA_F
ClientSampled :
TB-05(5-6)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	62.1	50.1	75.1

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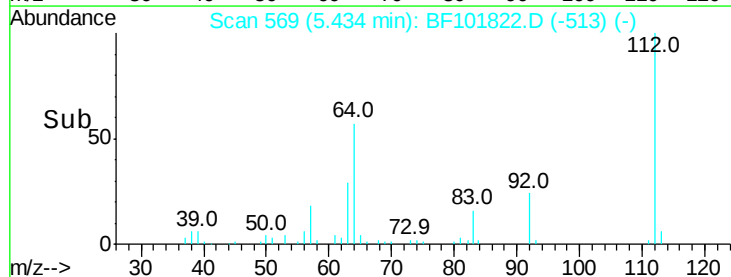
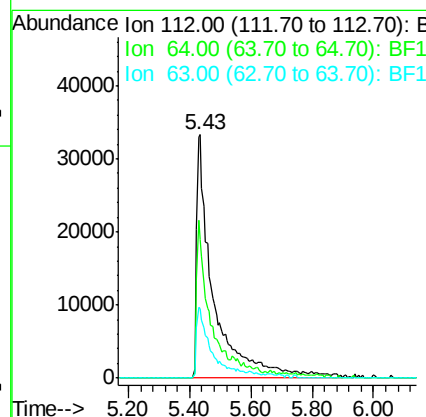
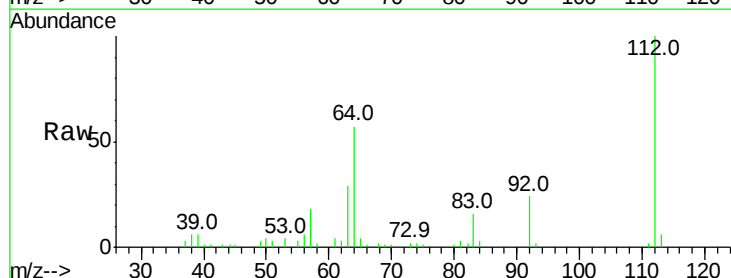
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#5

2-Fluorophenol
Concen: 14.254 ng m
RT: 5.43 min Scan# 569
Delta R.T. 0.03 min
Lab File: BF101822.D
Acq: 29 Dec 2017 12:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	28.6	23.7	35.5





#7

Phenol-d6

Concen: 13.861 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BF101822.D

Acq: 29 Dec 2017 12:06

Instrument :

BNA_F

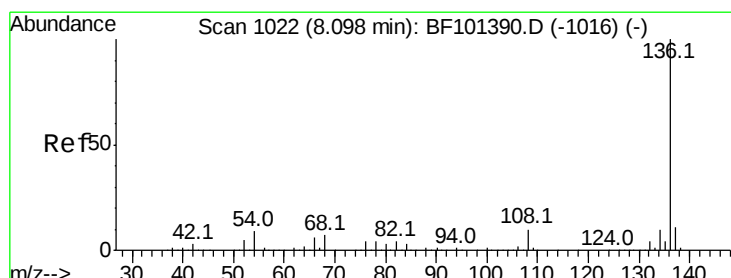
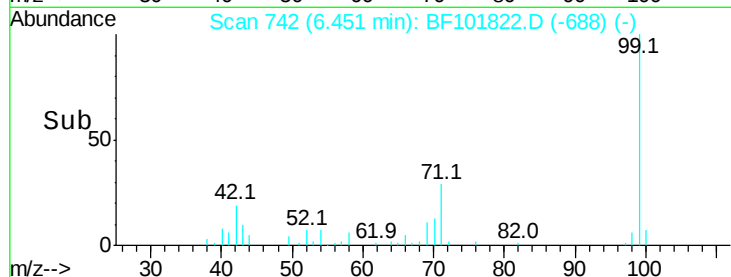
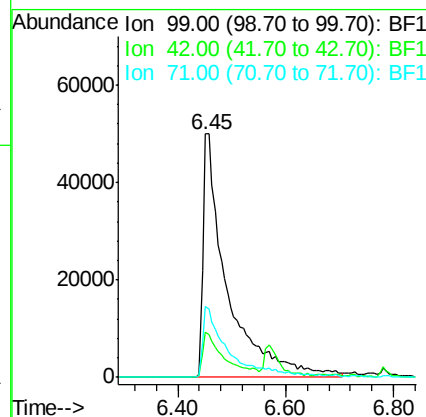
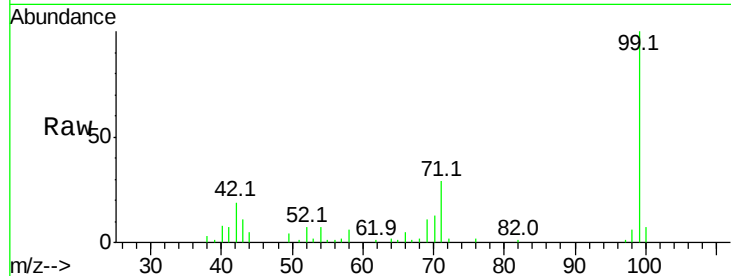
ClientSampleId :

TB-05(5-6)

Tot Ion:	99	Resp:	156140
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.5	21.7
71	28.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

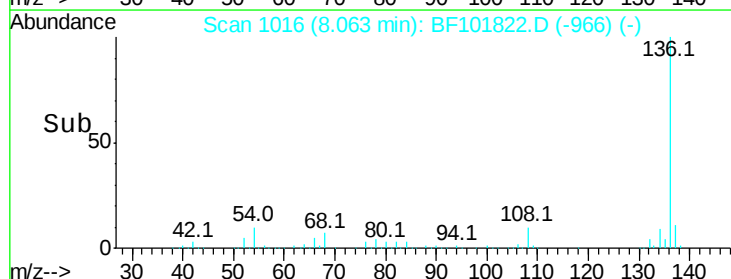
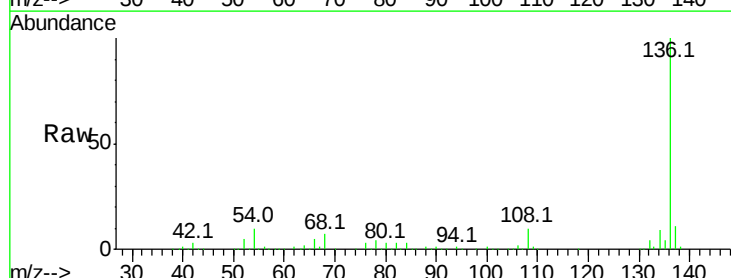
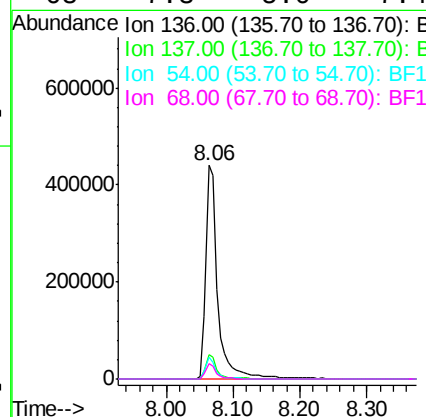
RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101822.D

Acq: 29 Dec 2017 12:06

Tgt Ion:	136	Resp:	533043
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	10.0	6.6	9.8#
68	7.3	5.0	7.4





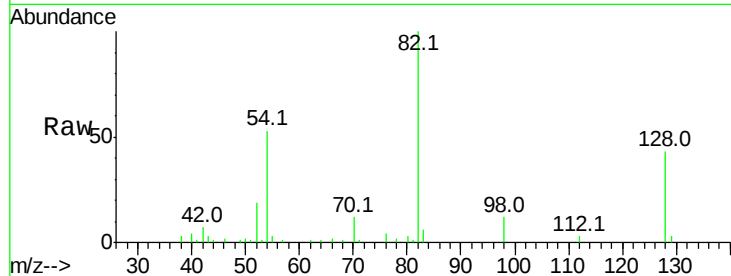
#23
Nitrobenzene-d5
Concen: 9.527 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF101822.D
Acq: 29 Dec 2017 12:06

Instrument :
BNA_F
ClientSampled :
TB-05(5-6)

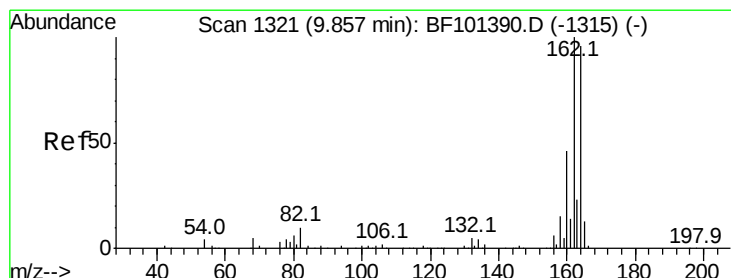
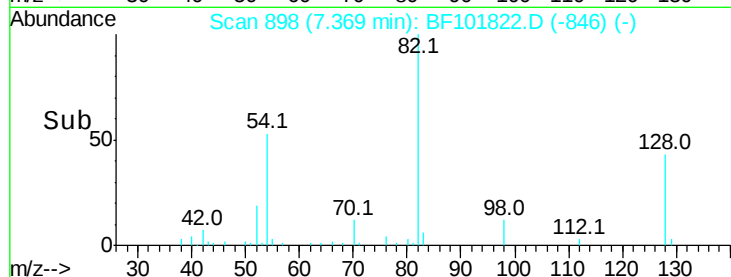
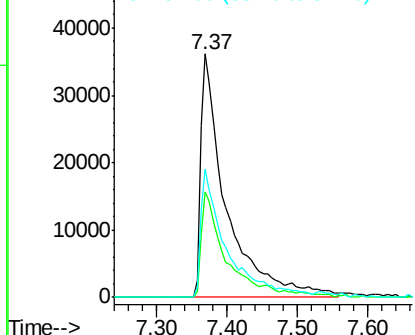
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	52.6	41.4	62.2

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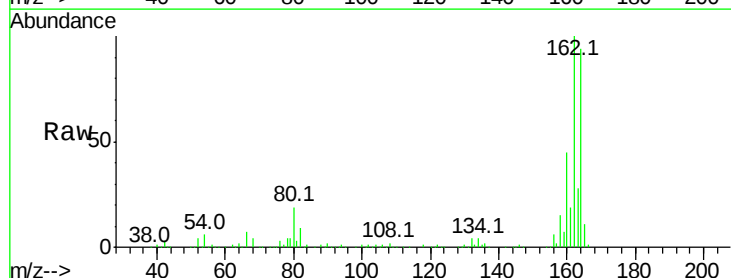


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

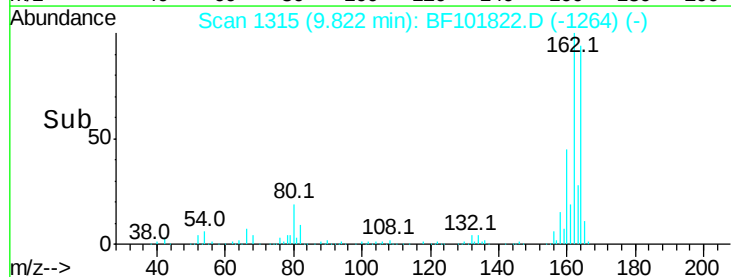
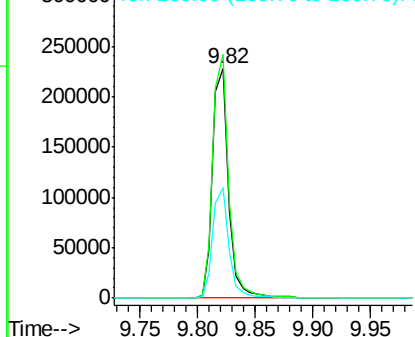


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF101822.D
Acq: 29 Dec 2017 12:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	48.0	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: 11.167 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF101822.D

Acq: 29 Dec 2017 12:06

Instrument :

BNA_F

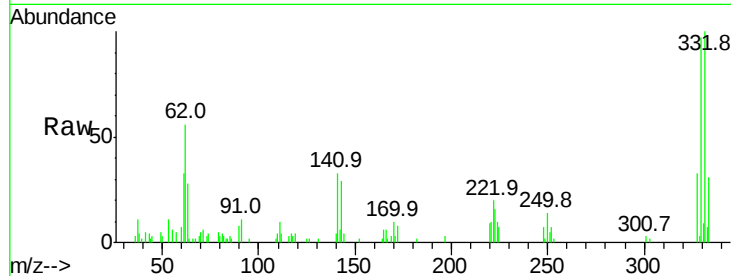
ClientSampleId :

TB-05(5-6)

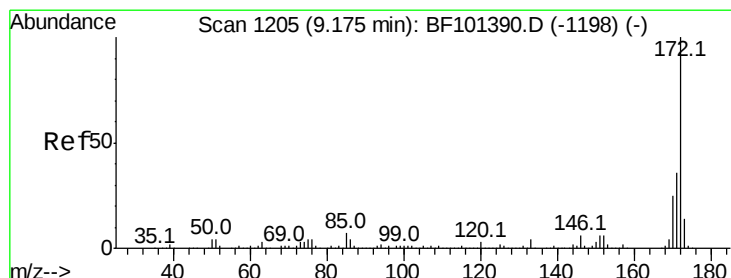
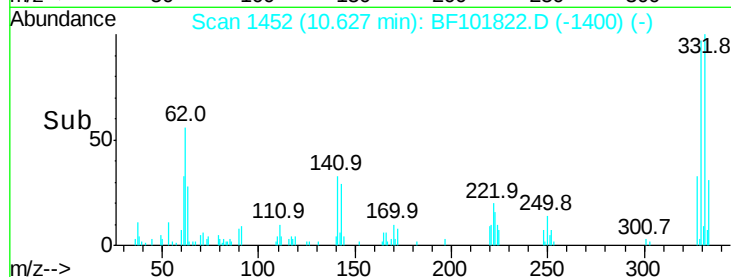
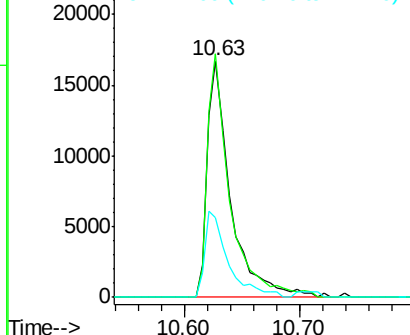
Tot Ion:	330	Resp:	23663
Ion Ratio	Lower	Upper	
330	100		
332	99.1	77.0	115.6
141	36.1	29.9	44.9

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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: 10.963 ng

RT: 9.14 min Scan# 1199

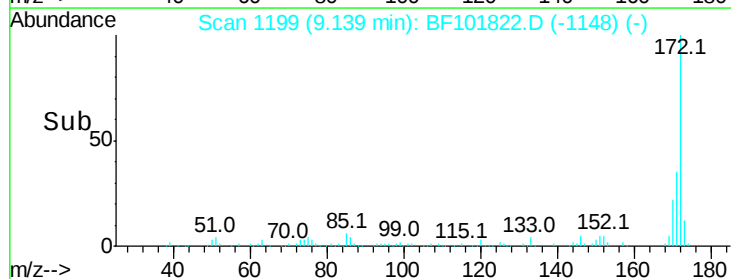
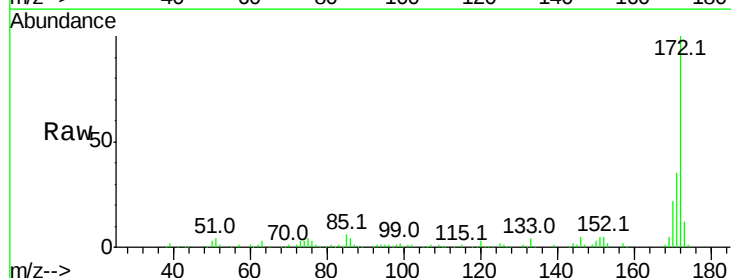
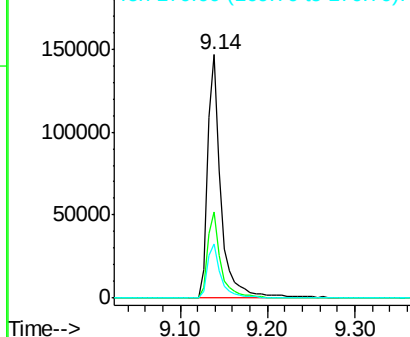
Delta R.T. 0.00 min

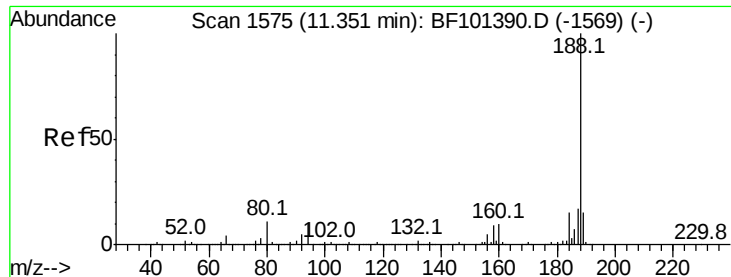
Lab File: BF101822.D

Acq: 29 Dec 2017 12:06

Tgt Ion:	172	Resp:	155422
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.7	44.5
170	22.1	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





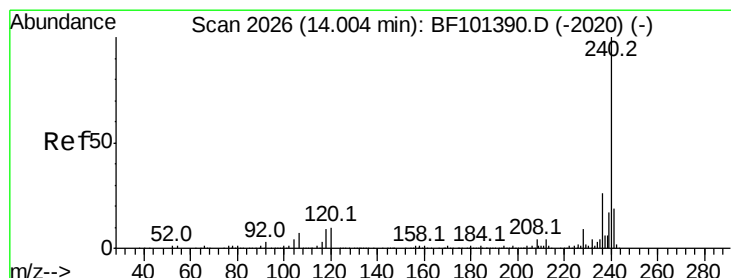
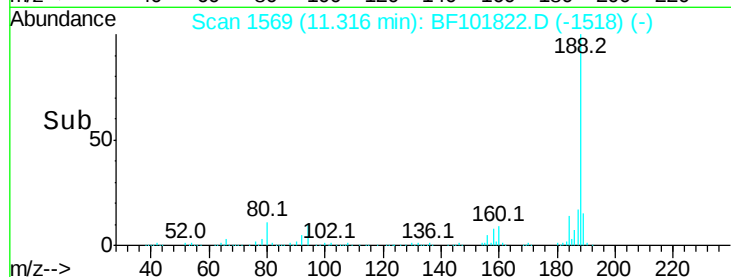
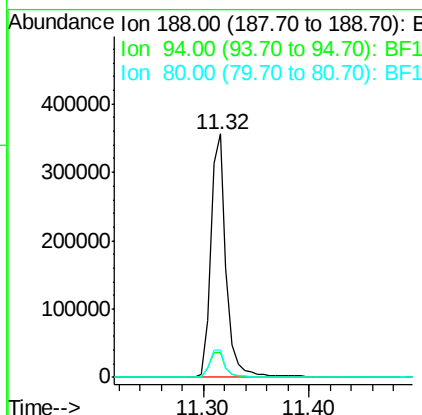
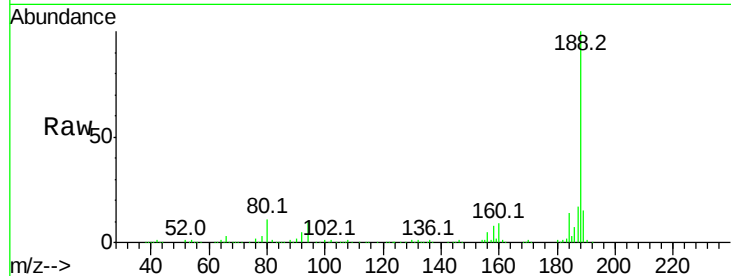
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101822.D
Acq: 29 Dec 2017 12:06

Instrument :
BNA_F
ClientSampleId :
TB-05(5-6)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	362729		
94	10.1		8.5	12.7
80	11.0		9.2	13.8

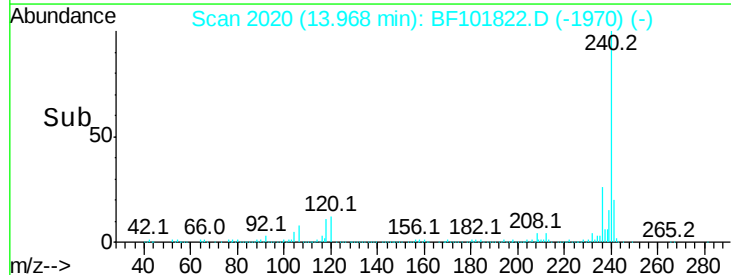
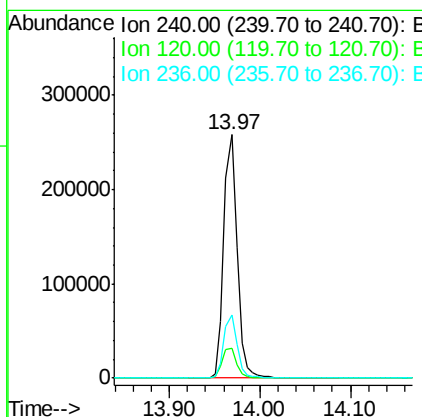
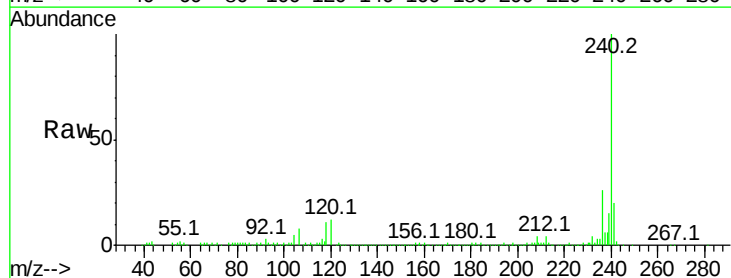
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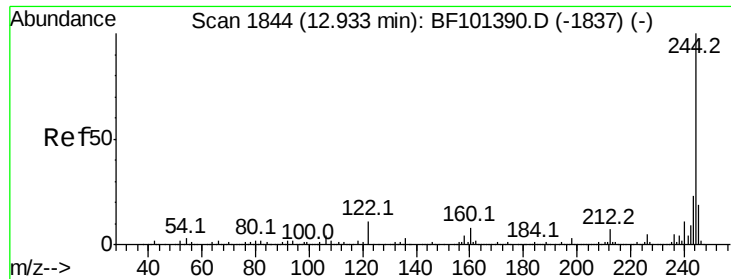
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101822.D
Acq: 29 Dec 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	263661		
120	12.1		9.5	14.3
236	25.8		20.7	31.1





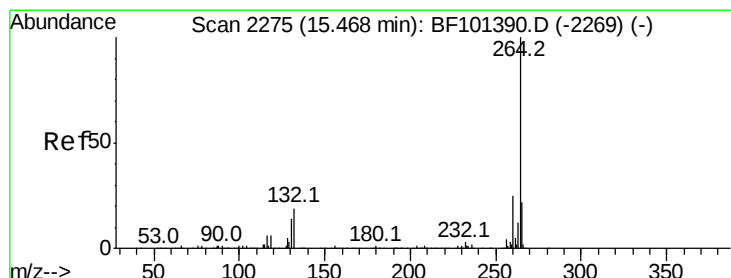
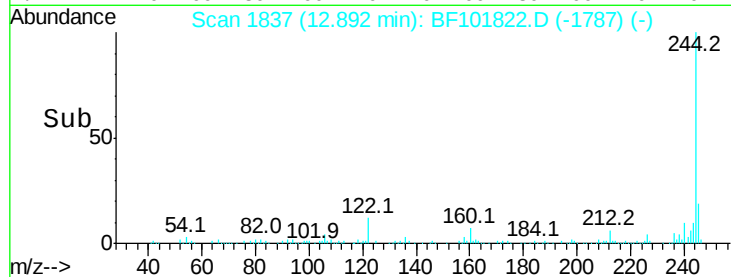
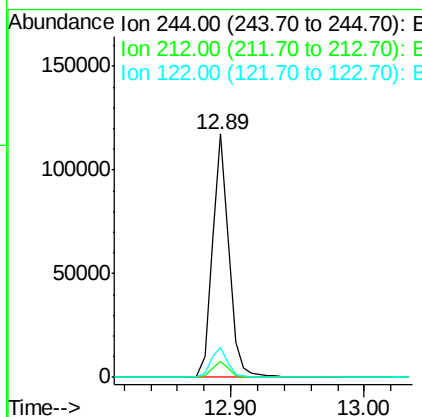
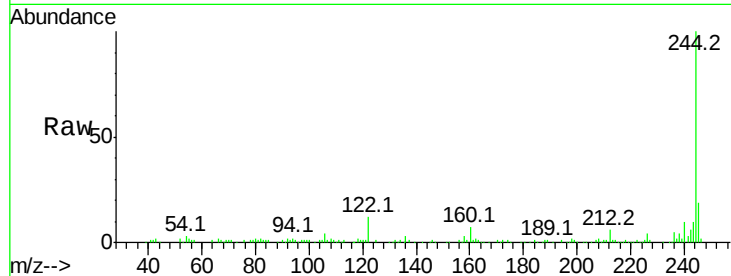
#78
 Terphenyl-d14
 Concen: 9.343 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF101822.D
 Acq: 29 Dec 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 TB-05(5-6)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.3	11.0	16.4

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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: BF101822.D
 Acq: 29 Dec 2017 12:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.0	17.5	26.3

