

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103660.D
 Acq On : 14 Mar 2018 23:59
 Operator : SJ/JU
 Sample : PB107370BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107370BL

Manual Integrations
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 3/15/2018 6:58:03 PM

Quant Time: Mar 15 11:23:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	106384	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	453815	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	185672	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	285386	20.00	ng	0.00
75) Chrysene-d12	14.06	240	194461	20.00	ng	0.00
86) Perylene-d12	15.57	264	187276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	557008m	79.19	ng	0.00
7) Phenol-d6	6.50	99	615597	71.52	ng	0.00
23) Nitrobenzene-d5	7.43	82	641579	80.74	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	80687	51.34	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	990240	94.25	ng	0.00
78) Terphenyl-d14	12.97	244	585588	72.39	ng	0.00

Target Compounds Qvalue

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

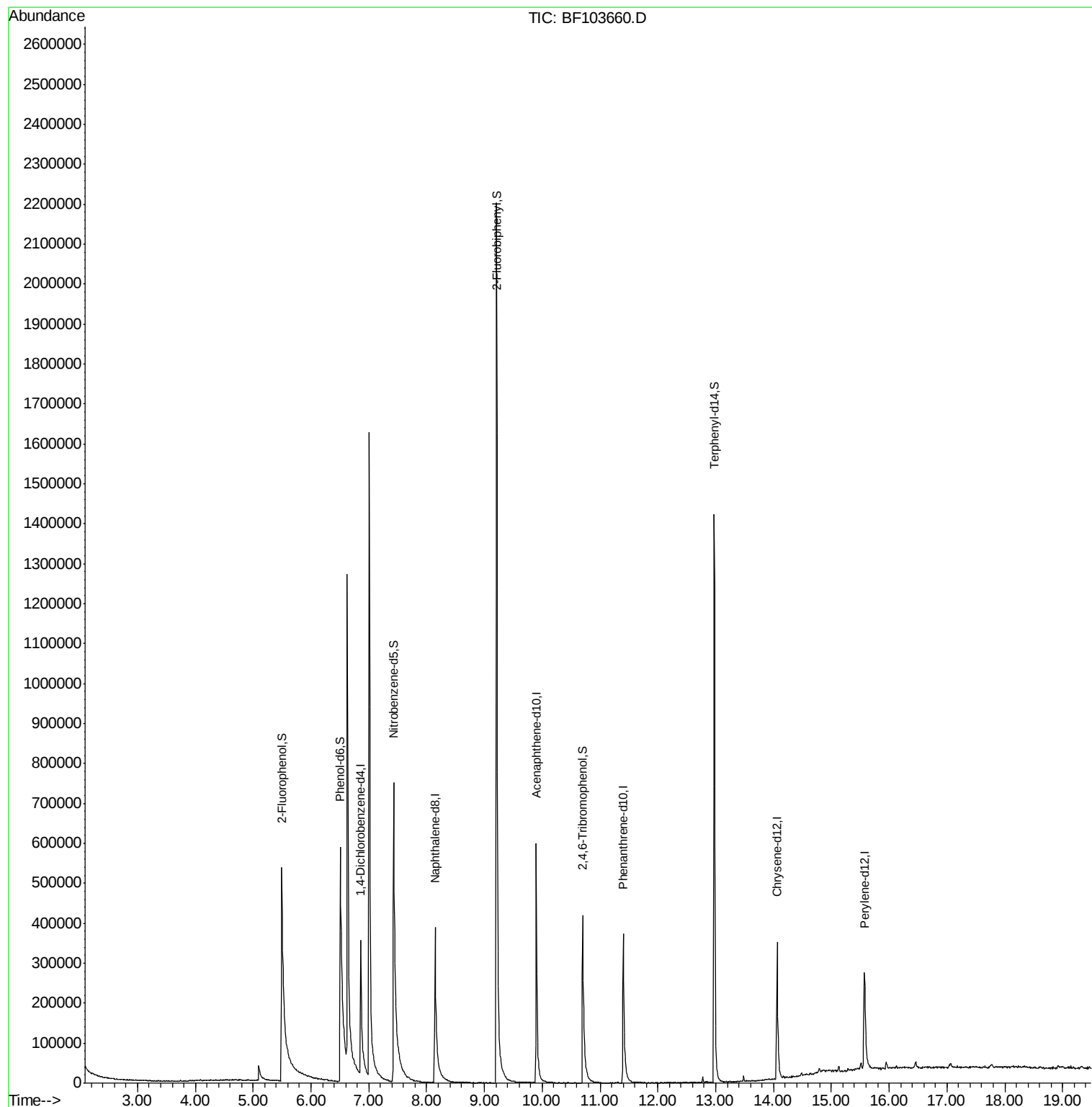
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
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#1

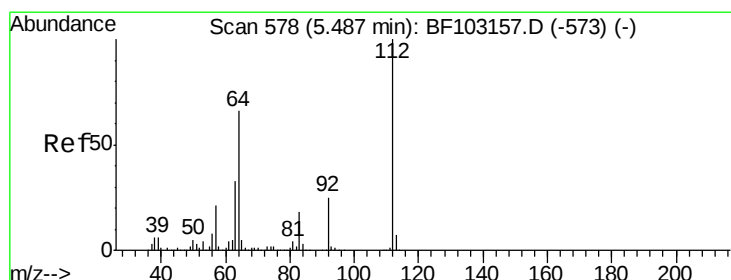
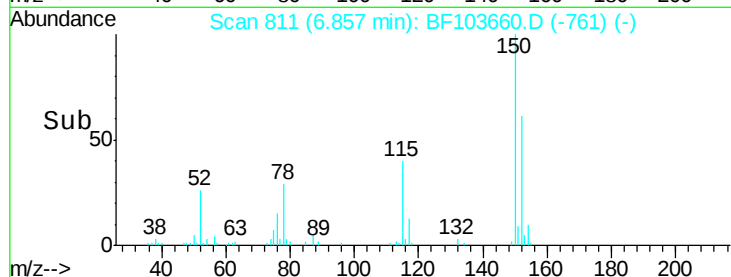
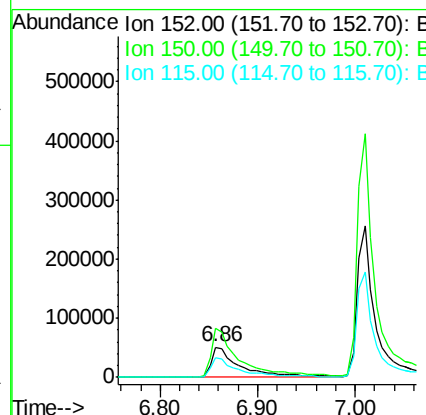
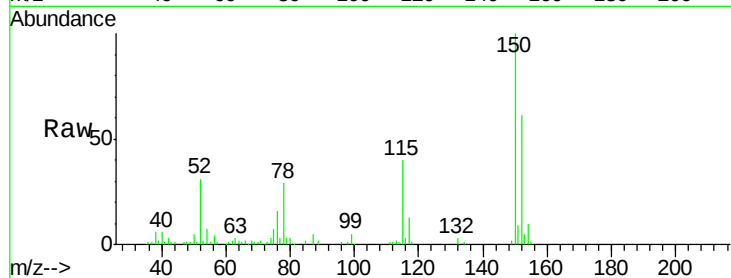
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103660.D
Acq: 14 Mar 2018 23:59

Instrument :
BNA_F
ClientSampled :
PB107370BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	124.6	186.8
115	66.0	50.1	75.1

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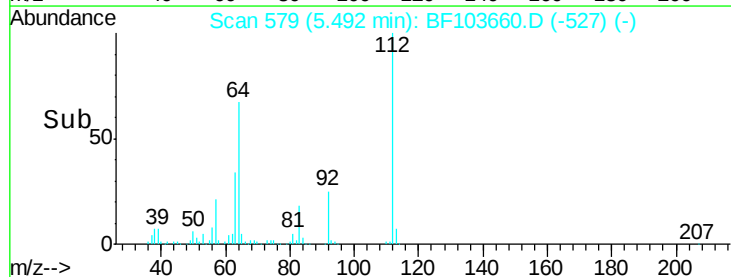
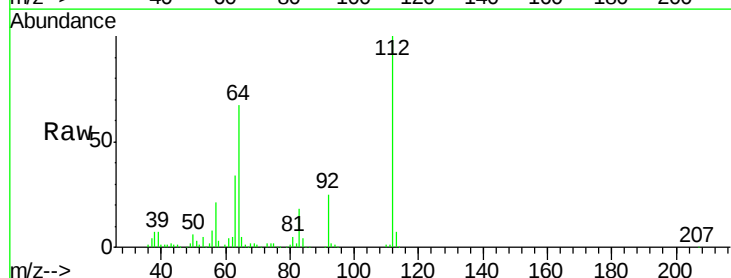
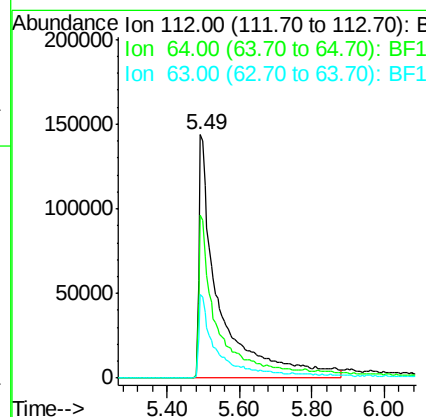
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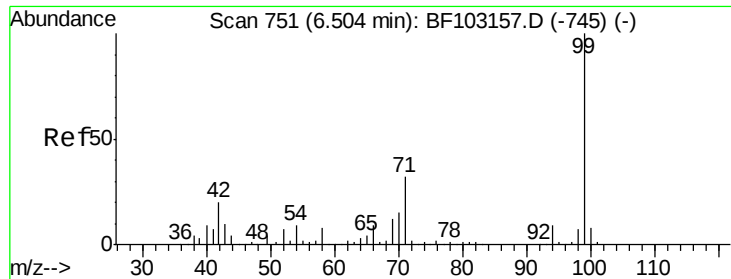


#5

2-Fluorophenol
Concen: 79.188 ng m
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103660.D
Acq: 14 Mar 2018 23:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	34.3	23.7	35.5





#7

Phenol-d6

Concen: 71.522 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103660.D

Acq: 14 Mar 2018 23:59

Instrument :

BNA_F

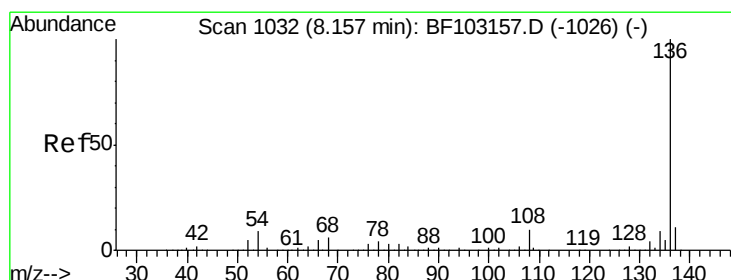
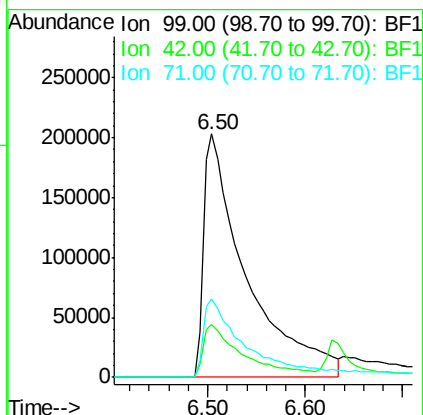
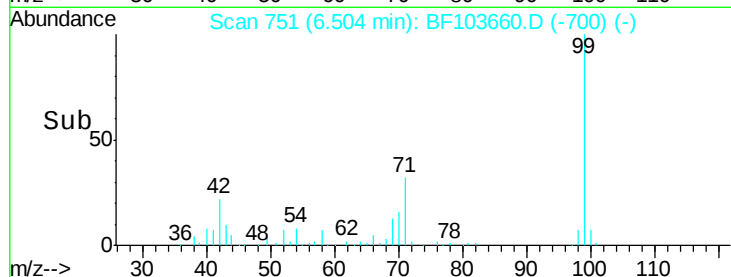
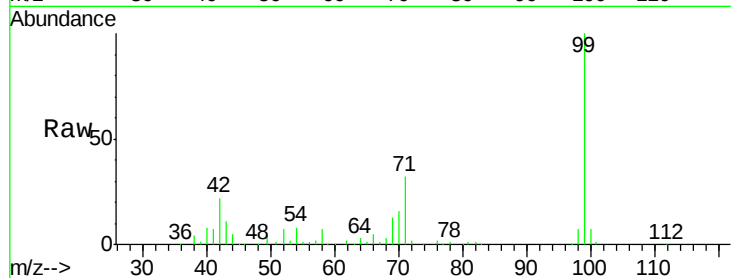
ClientSampled :

PB107370BL

Tot Ion:	99	Resp:	615597
Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	32.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

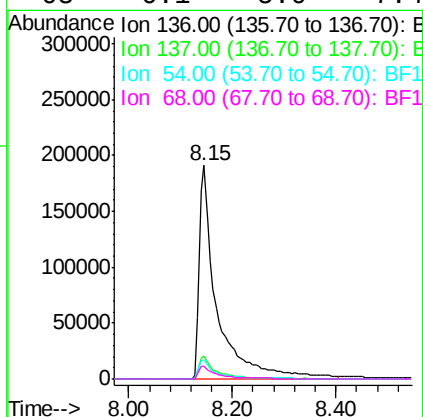
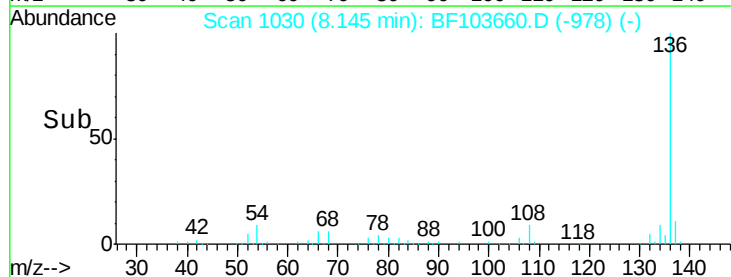
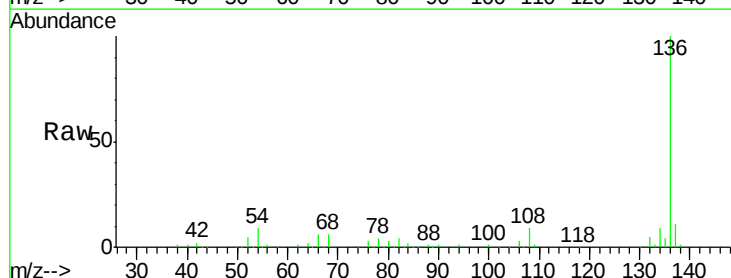
RT: 8.15 min Scan# 1030

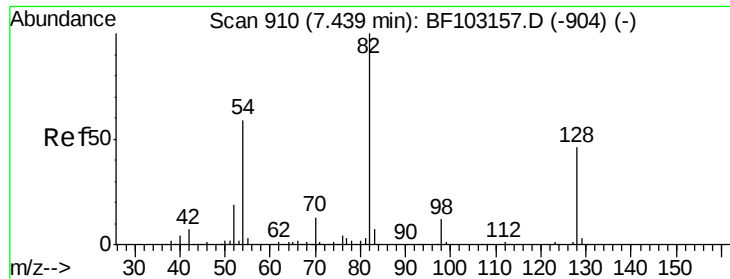
Delta R.T. 0.01 min

Lab File: BF103660.D

Acq: 14 Mar 2018 23:59

Tgt Ion:	136	Resp:	453815
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	6.1	5.0	7.4





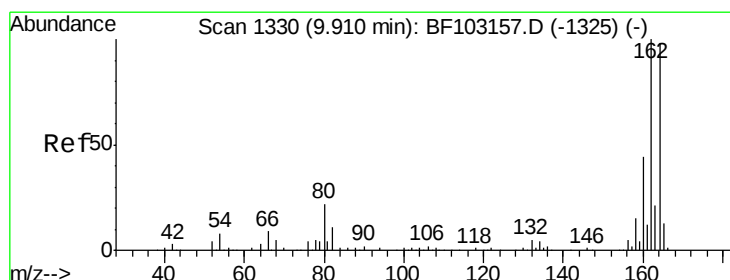
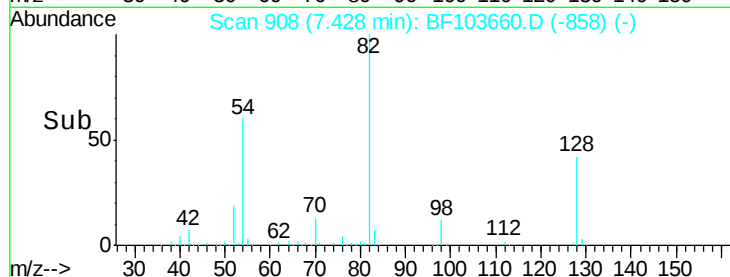
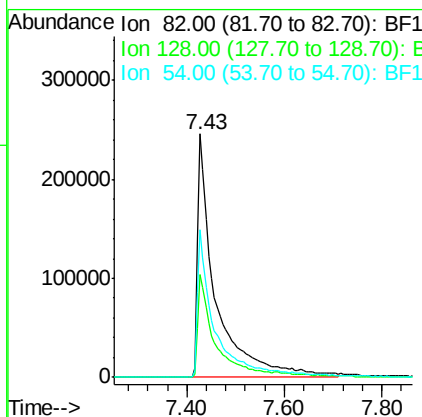
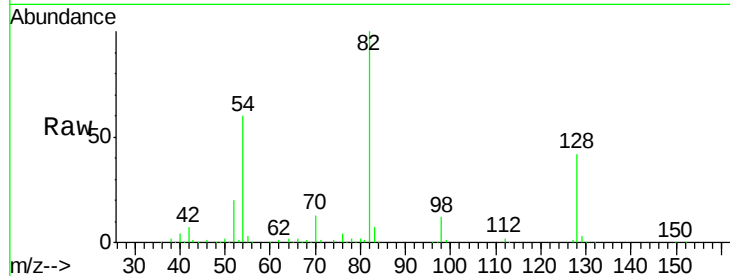
#23
Nitrobenzene-d5
Concen: 80.737 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103660.D
Acq: 14 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :
PB107370BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	60.4	41.4	62.2

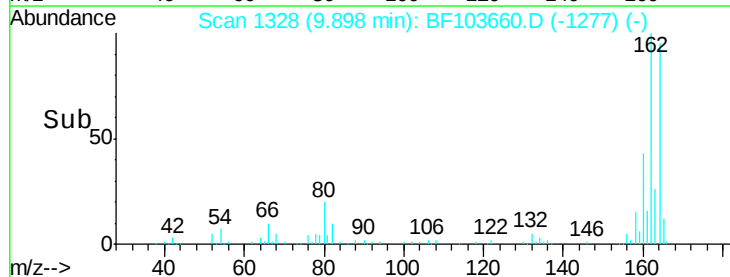
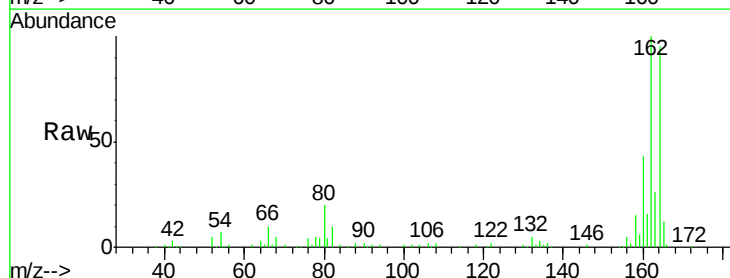
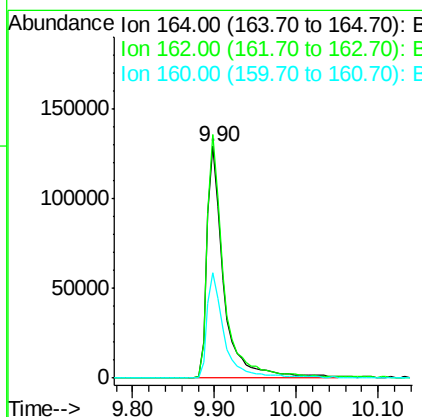
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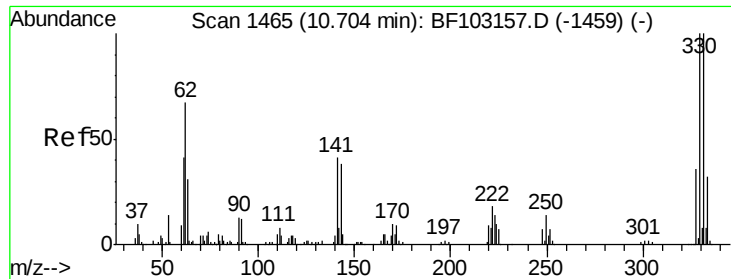
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF103660.D
Acq: 14 Mar 2018 23:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	45.4	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 51.340 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF103660.D

Acq: 14 Mar 2018 23:59

Instrument :

BNA_F

ClientSampled :

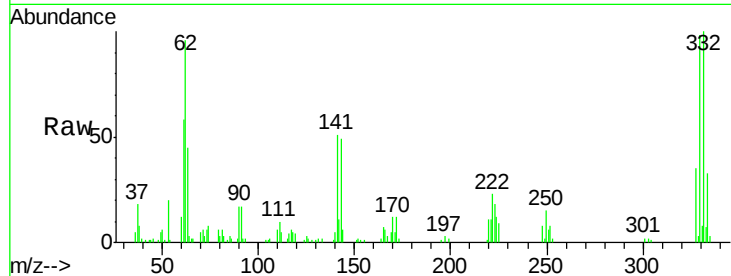
PB107370BL

Tot Ion:	330	Resp:	80687
Ion Ratio	Lower	Upper	
330	100		
332	98.7	77.0	115.6
141	49.0	29.9	44.9#

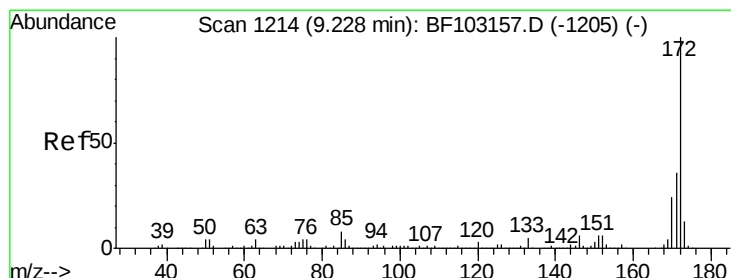
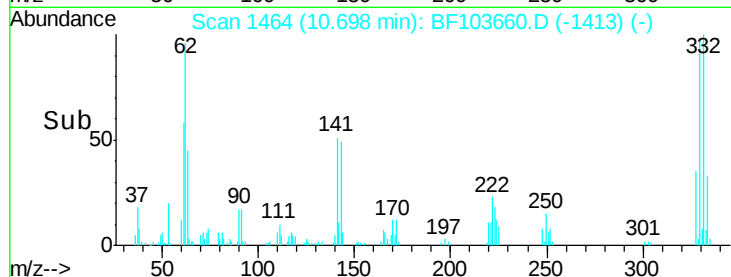
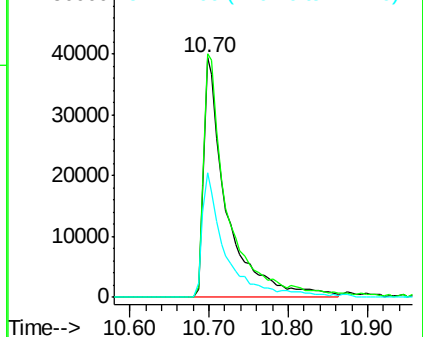
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 94.254 ng

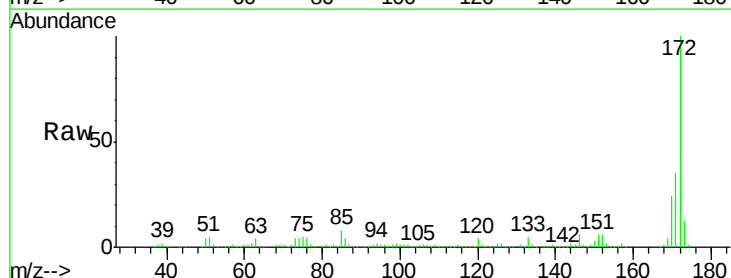
RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

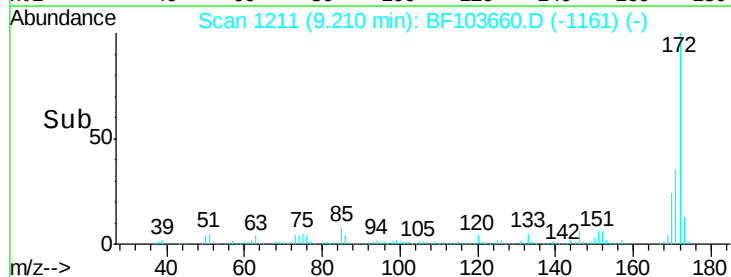
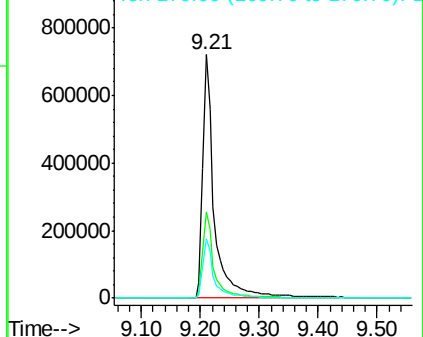
Lab File: BF103660.D

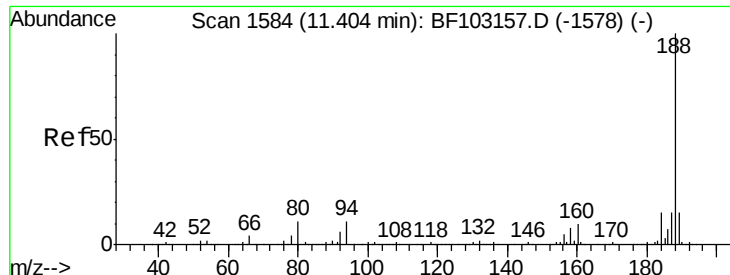
Acq: 14 Mar 2018 23:59

Tgt Ion:	172	Resp:	990240
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.7	44.5
170	24.2	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





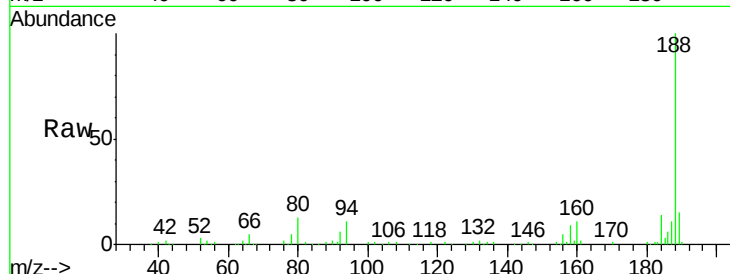
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF103660.D
Acq: 14 Mar 2018 23:59

Instrument :
BNA_F
ClientSampleId :
PB107370BL

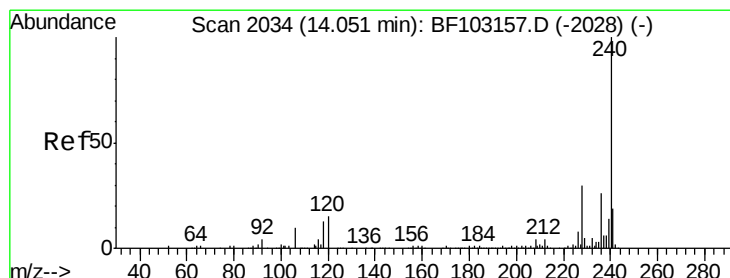
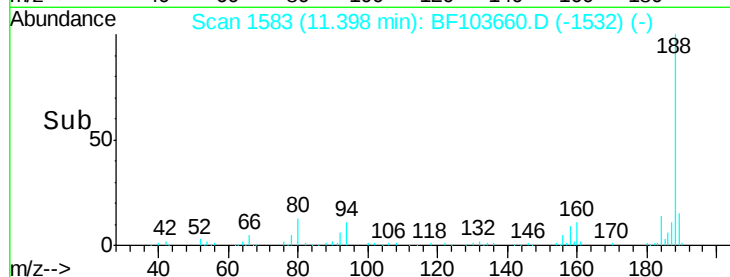
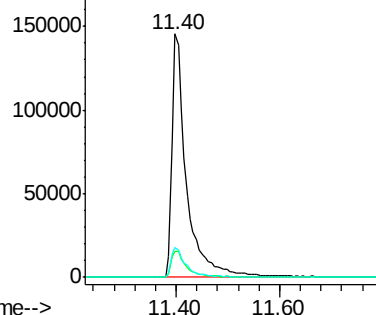
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.9	8.5	12.7
80	12.5	9.2	13.8

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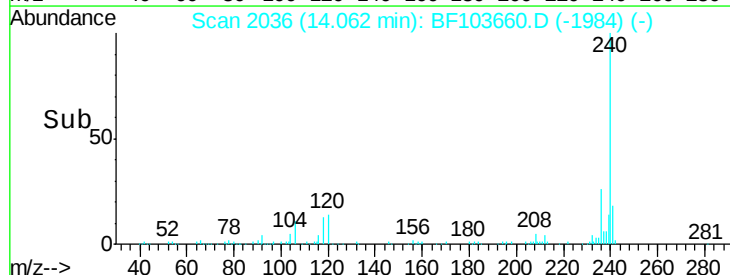
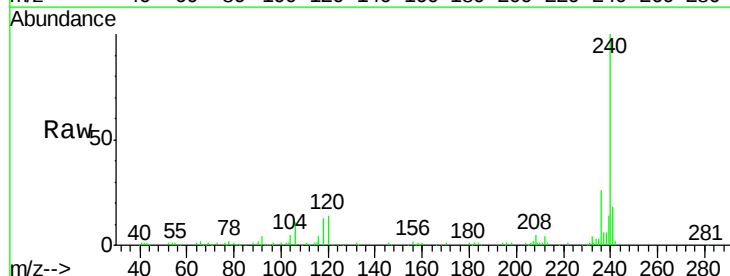
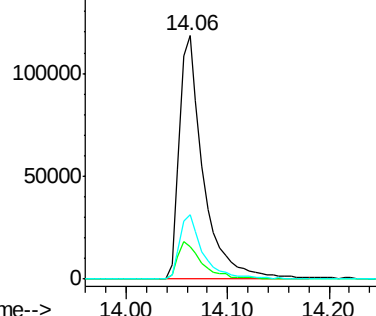
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

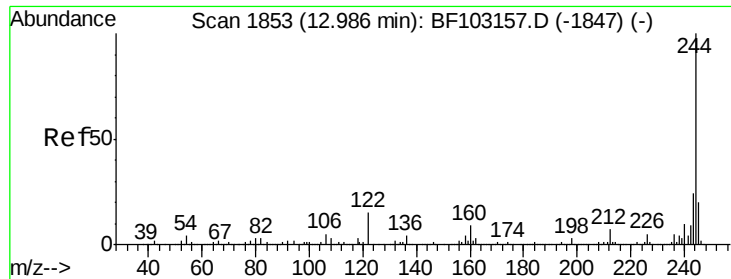


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF103660.D
Acq: 14 Mar 2018 23:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	9.5	14.3
236	26.5	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





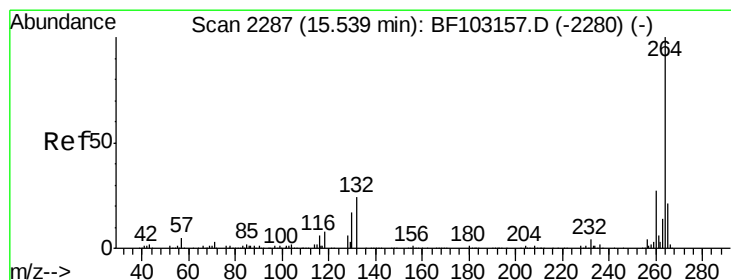
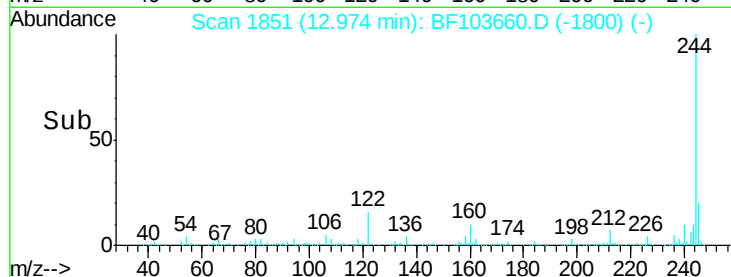
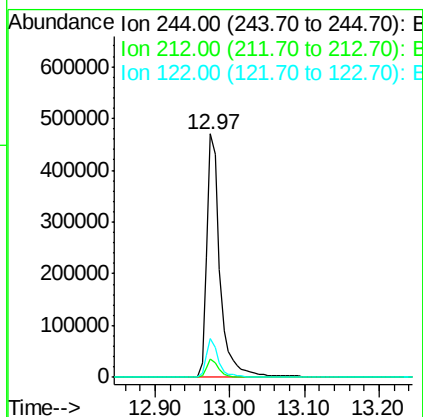
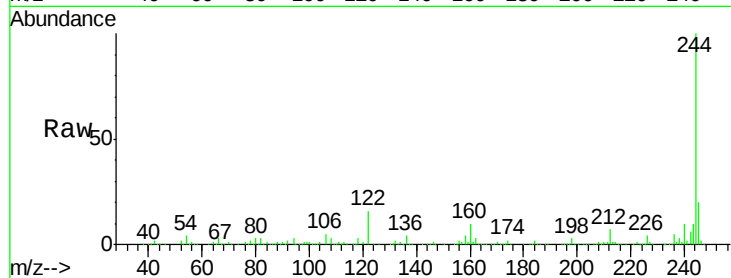
#78
 Terphenyl-d14
 Concen: 72.389 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF103660.D
 Acq: 14 Mar 2018 23:59

Instrument :
 BNA_F
 ClientSampleId :
 PB107370BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	15.9	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BF103660.D
 Acq: 14 Mar 2018 23:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.9	17.5	26.3

