

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101387.D
 Acq On : 14 Dec 2017 11:25
 Operator : SJ/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
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 12/15/2017 6:43:42 PM

Quant Time: Dec 14 15:31:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 13:19:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170813	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	697385	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	319612	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	630734	20.00	ng	0.00
75) Chrysene-d12	14.00	240	549091	20.00	ng	0.00
86) Perylene-d12	15.47	264	542893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	27500	2.66	ng	0.02
7) Phenol-d6	6.46	99	41654	3.32	ng	0.00
23) Nitrobenzene-d5	7.39	82	33233	2.84	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	7935	2.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	80577	3.45	ng	0.00
78) Terphenyl-d14	12.93	244	80102	3.19	ng	0.00
Target Compounds						
62) Azobenzene	10.56	77	43277	2.006	ng	Qvalue 97

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

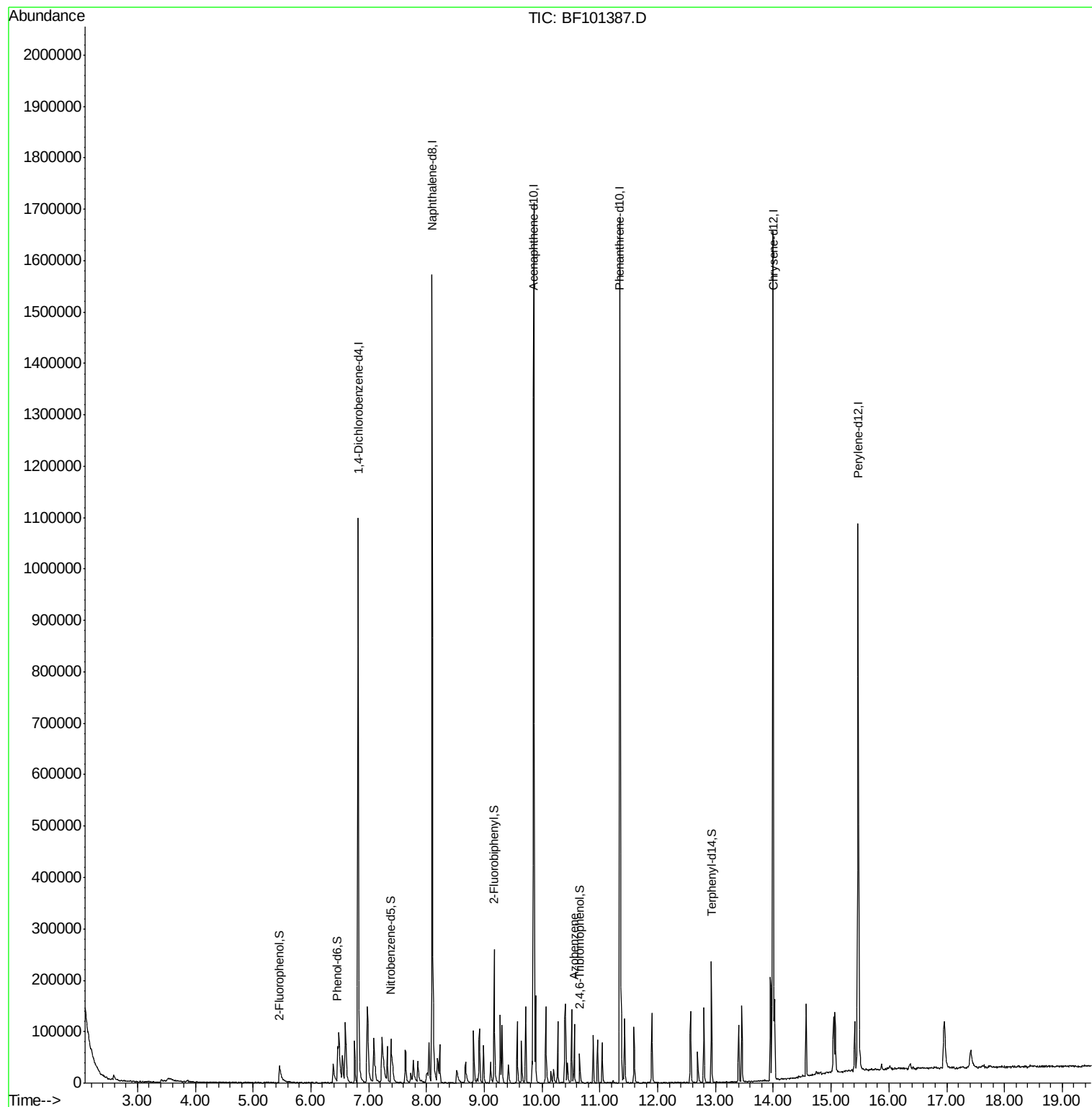
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101387.D
Acq On : 14 Dec 2017 11:25
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

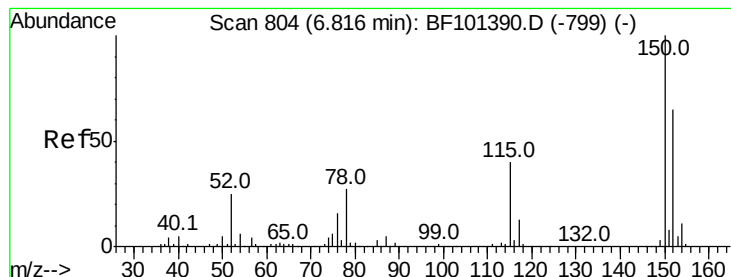
Instrument :
BNA_F
ClientSampleID :
SSTDICC2.5

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#1

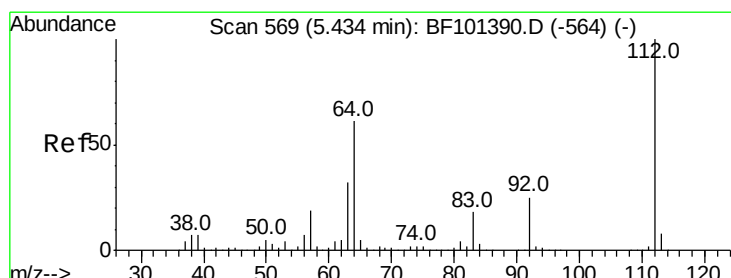
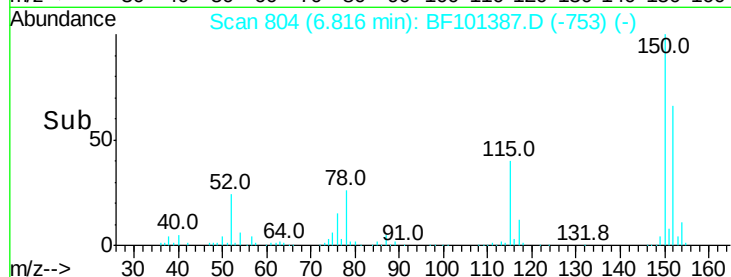
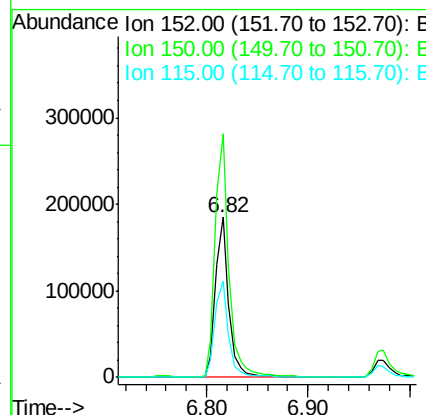
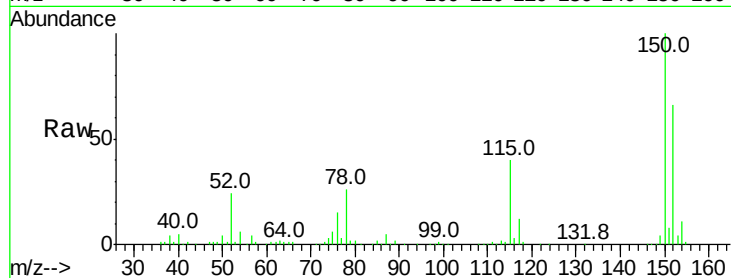
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	60.5	50.1	75.1

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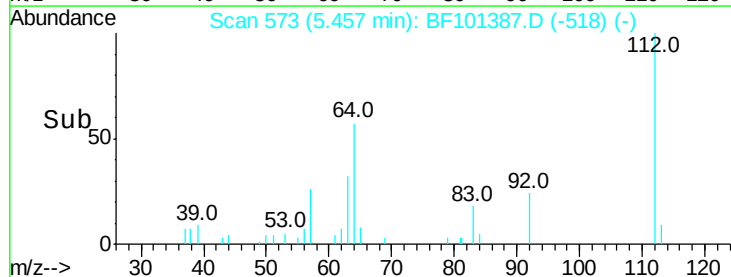
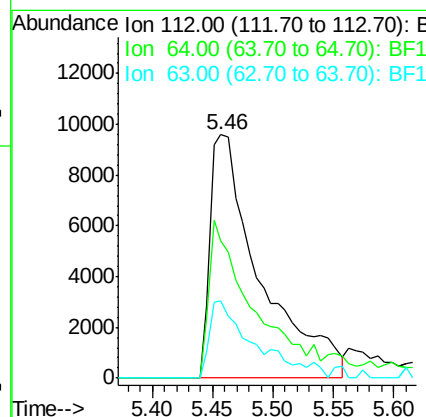
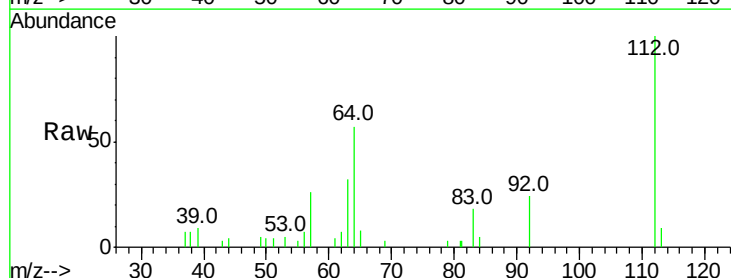
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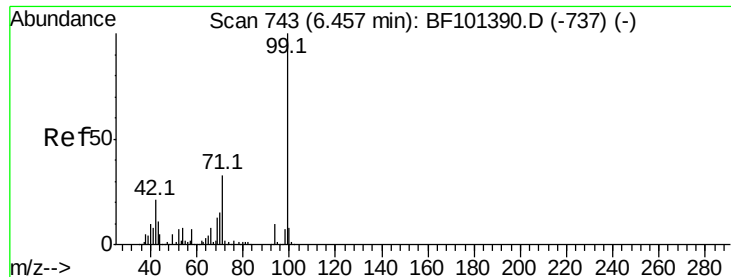


#5

2-Fluorophenol
Concen: 2.660 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	31.7	23.7	35.5





#7

Phenol-d6

Concen: 3.319 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

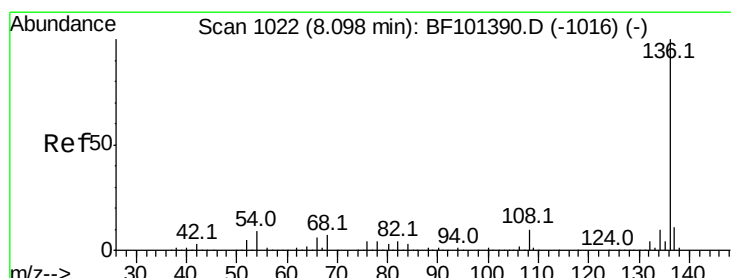
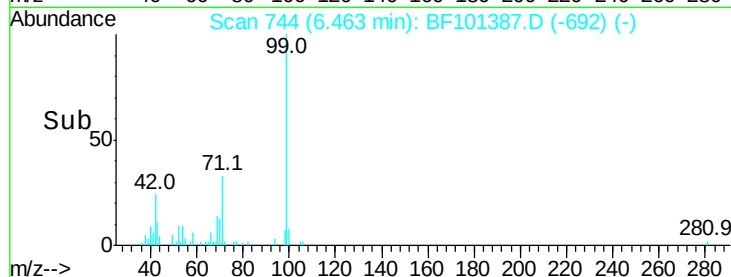
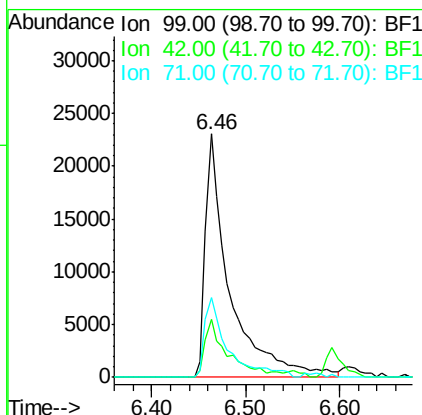
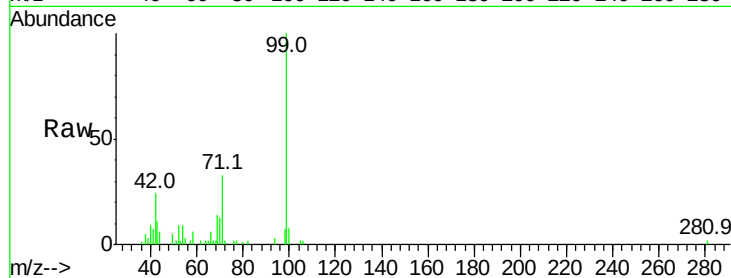
ClientSampleId :

SSTDICC2.5

Tot Ion:	99	Resp:	41654
Ion Ratio	Lower	Upper	
99	100		
42	24.1	14.5	21.7#
71	32.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

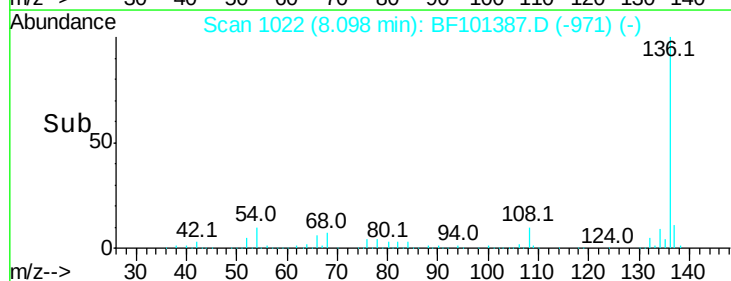
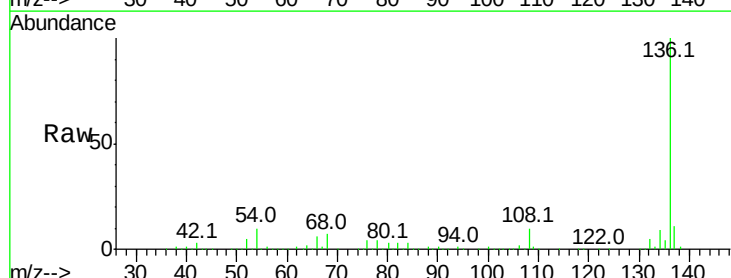
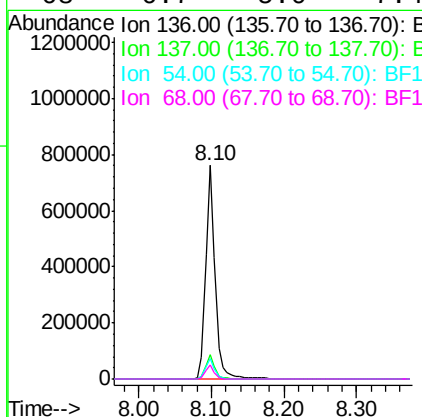
RT: 8.10 min Scan# 1022

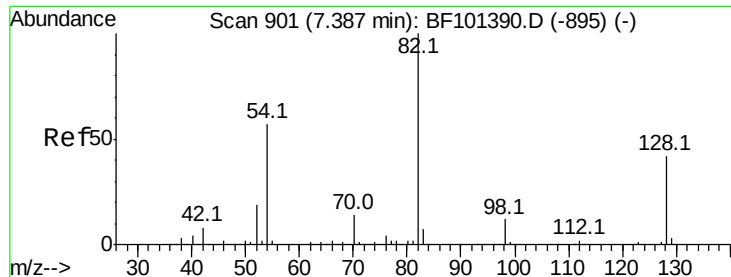
Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Tgt Ion:	136	Resp:	697385
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	9.6	6.6	9.8
68	6.7	5.0	7.4





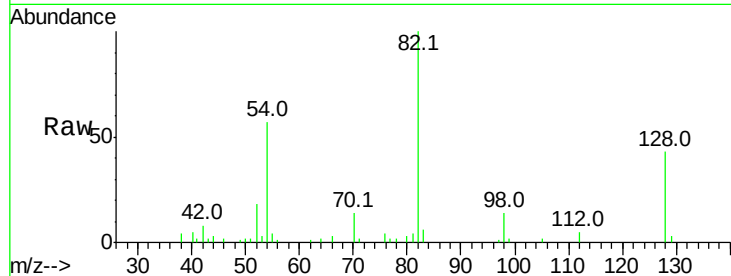
#23
Nitrobenzene-d5
Concen: 2.843 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

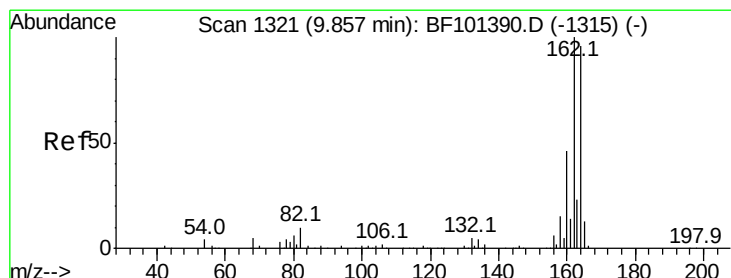
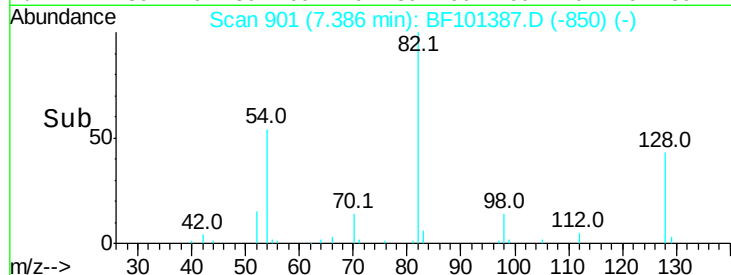
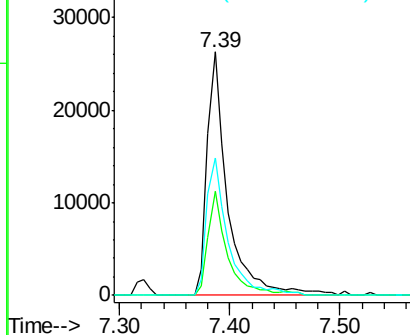
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	56.6	41.4	62.2

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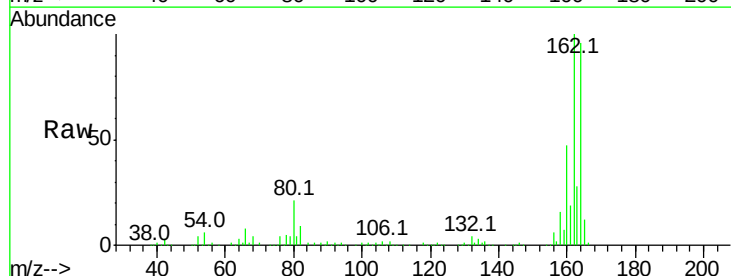


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

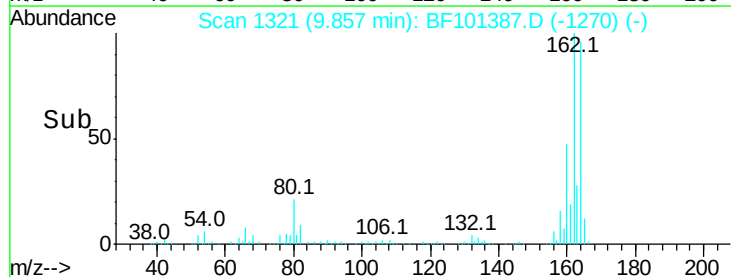
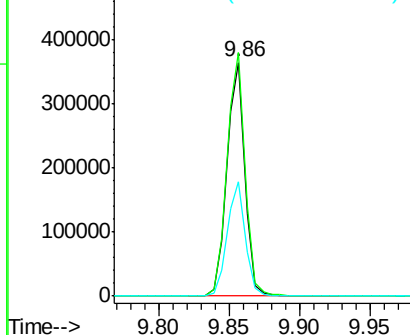


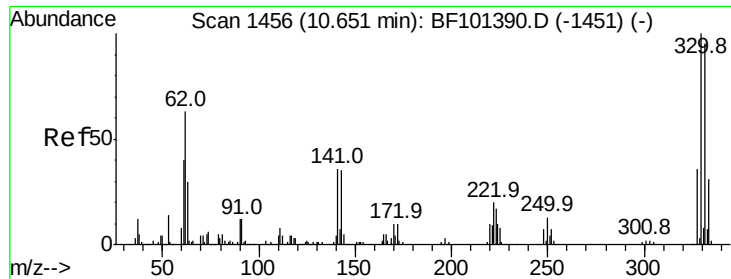
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	49.0	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





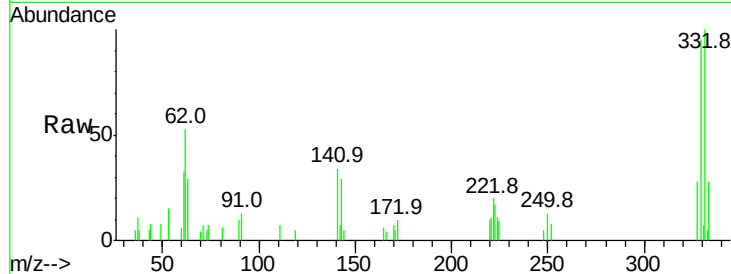
#41
 2,4,6-Tribromophenol
 Concen: 2.067 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.01 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.1	77.0	115.6
141	36.8	29.9	44.9

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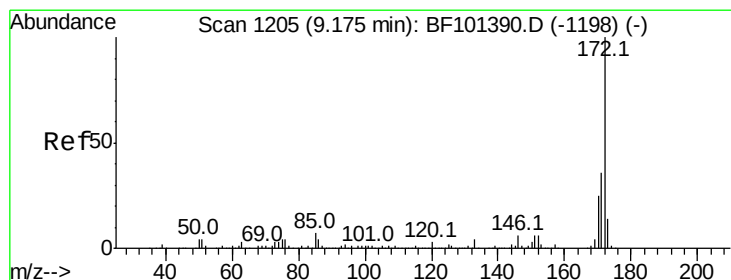
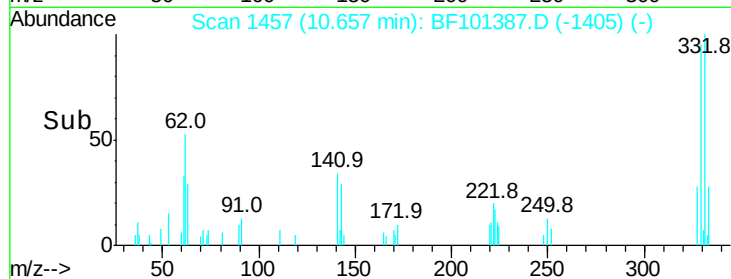
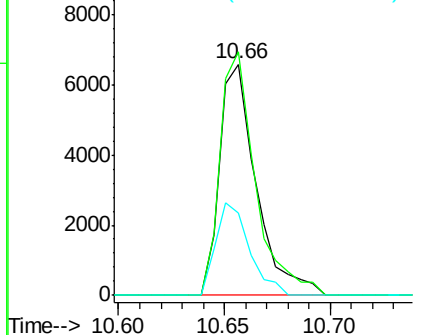


Abundance

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: 3.449 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

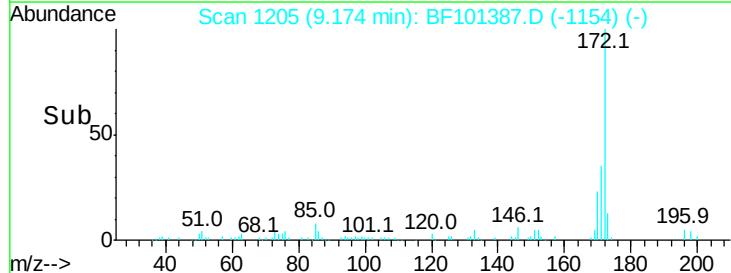
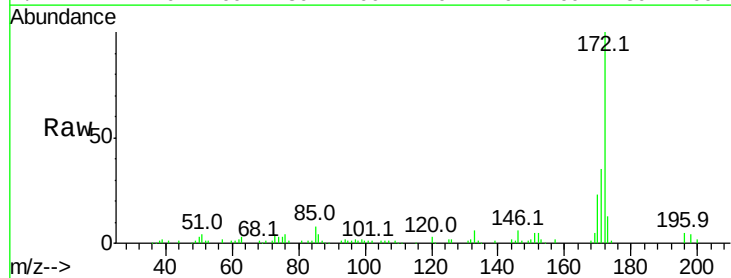
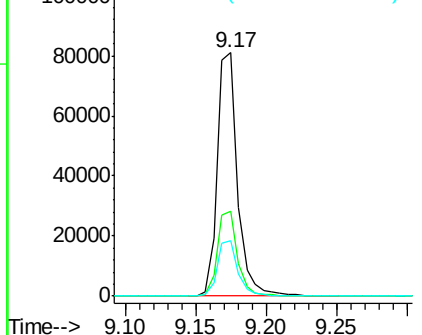
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.0	19.6	29.4

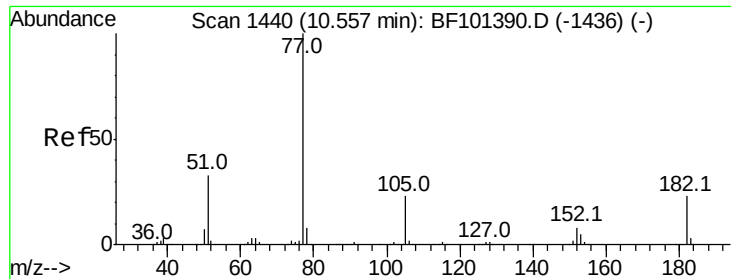
Abundance

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





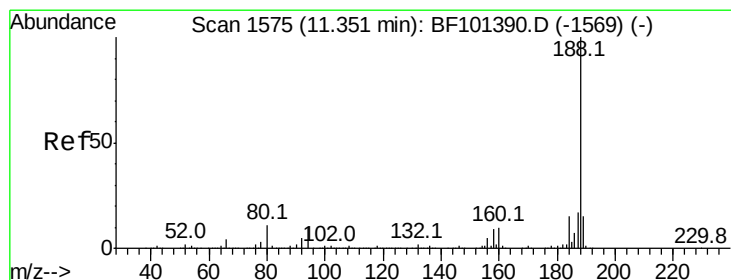
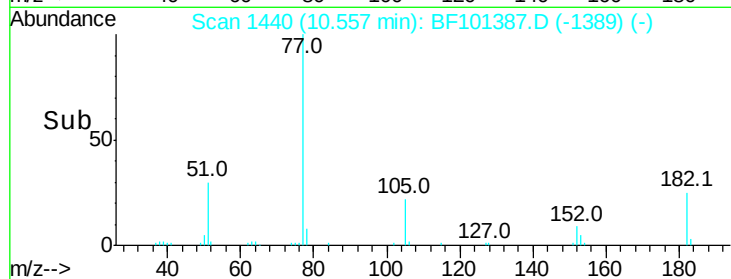
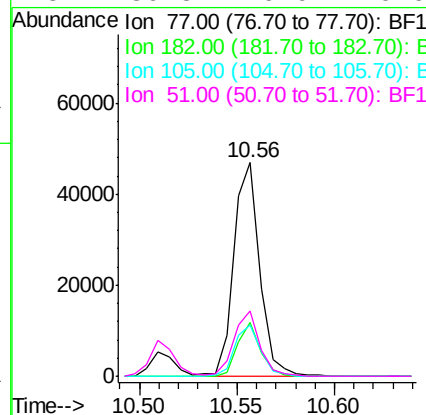
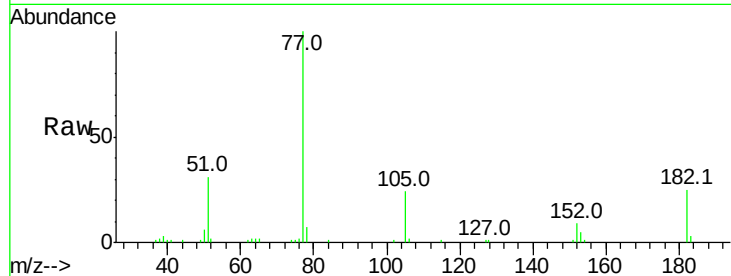
#62
Azobenzene
Concen: 2.006 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.7	41.7
105	23.8	3.0	43.0
51	30.8	9.9	49.9

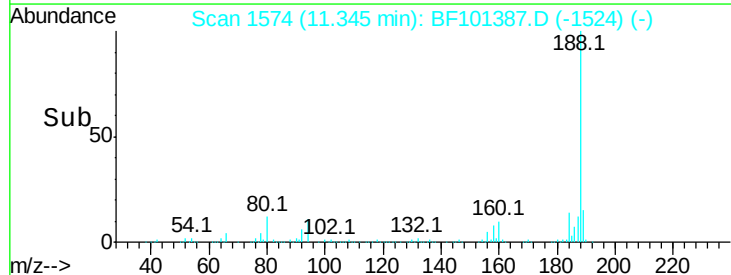
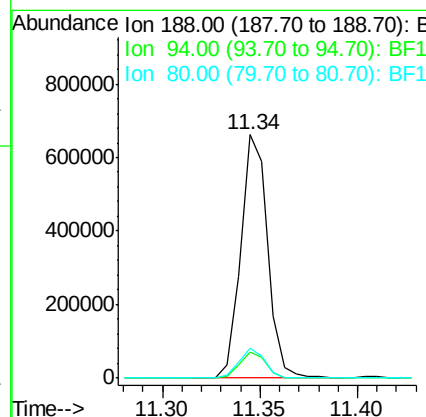
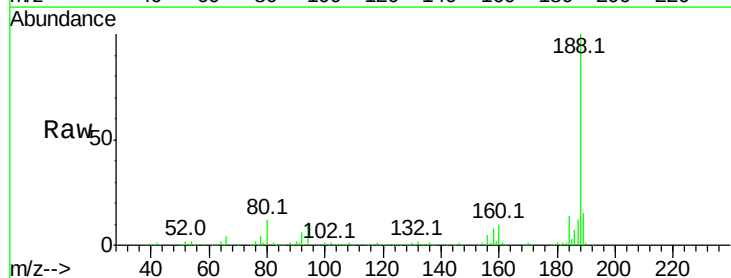
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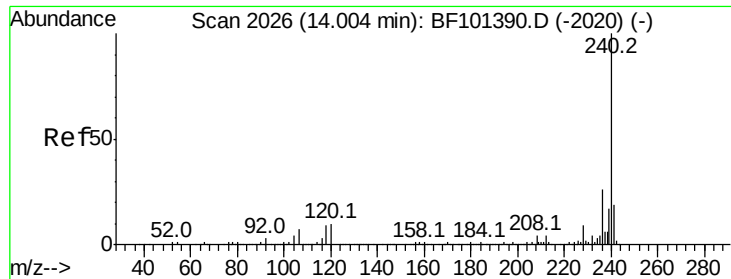
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	12.0	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

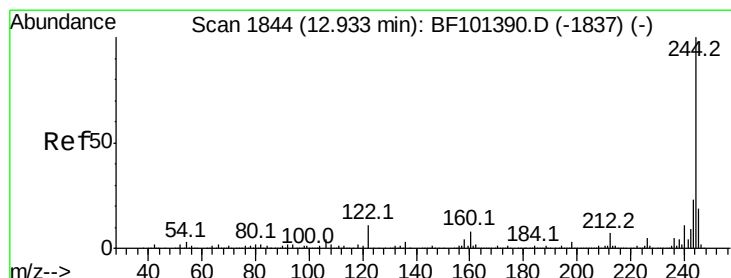
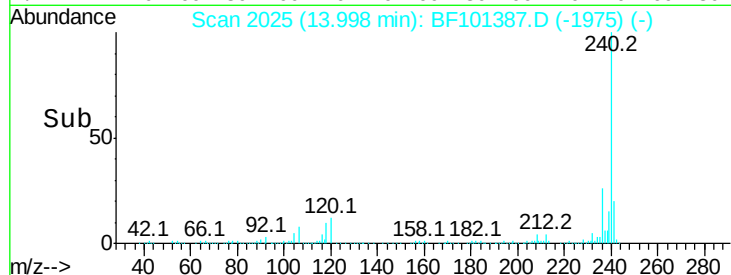
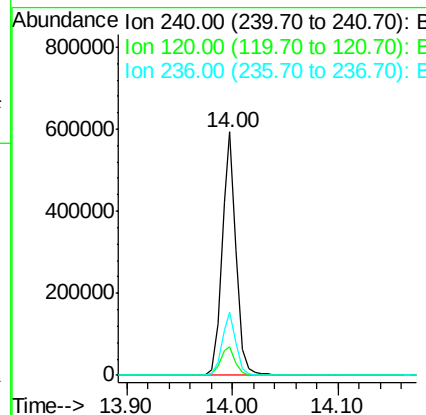
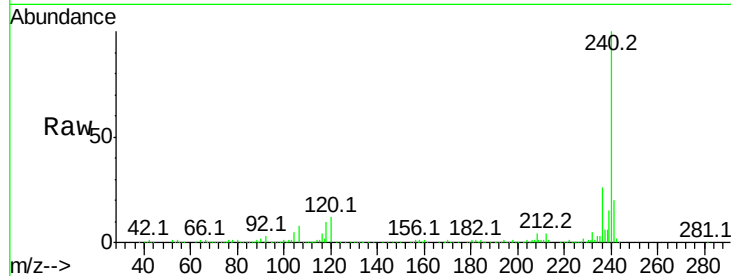
ClientSampleId :

SSTDICC2.5

Tot Ion:	240	Resp:	549091
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.5	14.3
236	25.8	20.7	31.1

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#78

Terphenyl-d14

Concen: 3.191 ng

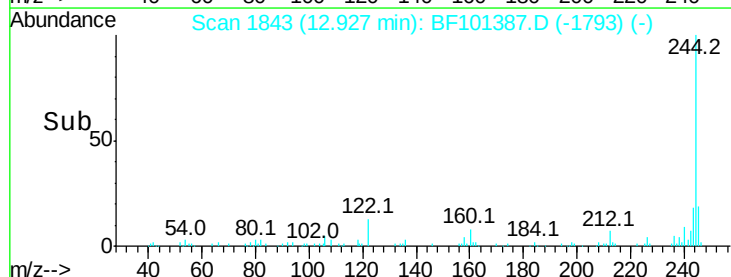
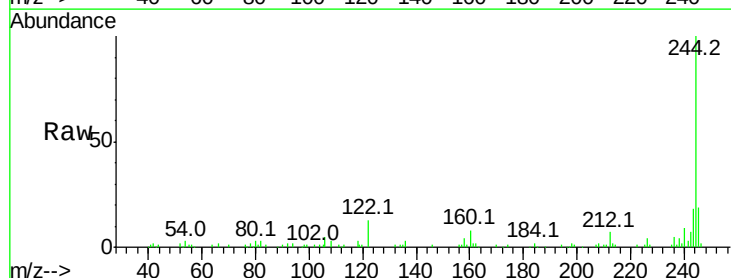
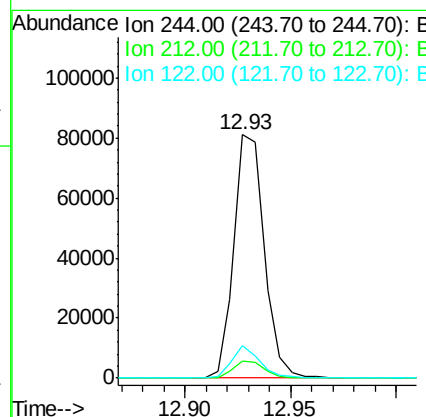
RT: 12.93 min Scan# 1843

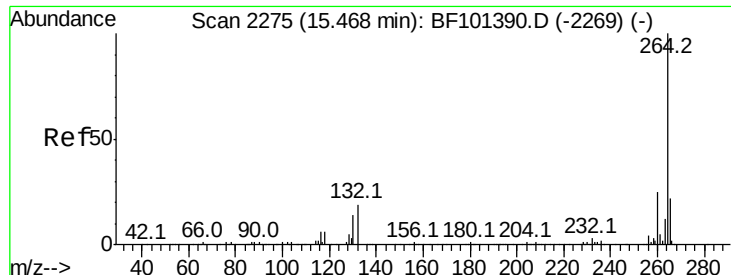
Delta R.T. -0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Tgt Ion:	244	Resp:	80102
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	13.3	11.0	16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion:	264	Resp:	542893
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	20.5	17.5	26.3

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