

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100354.D
 Acq On : 9 Nov 2017 21:29
 Operator : SJ/JU
 Sample : I6381-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1500

Manual Integrations
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 11/10/2017 1:15:16 PM

Quant Time: Nov 10 01:57:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	189602	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	761213	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	355847	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	664004	20.00	ng	0.00
75) Chrysene-d12	14.06	240	422952	20.00	ng	0.00
86) Perylene-d12	15.54	264	389744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1130548	95.58	ng	0.02
7) Phenol-d6	6.53	99	1430401	98.07	ng	0.00
23) Nitrobenzene-d5	7.46	82	886171	76.97	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	371456	102.44	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1326812	56.78	ng	0.00
78) Terphenyl-d14	13.01	244	1309325	71.13	ng	0.00
Target Compounds						
10) Phenol	6.54	94	46880	3.062	ng	93
70) Phenanthrene	11.44	178	71644	2.049	ng	98
74) Fluoranthene	12.63	202	171674	4.633	ng	97
77) Pyrene	12.86	202	160180	5.313	ng	99
80) Benzo(a)anthracene	14.05	228	55992	2.198	ng	97
82) Chrysene	14.09	228	60204	2.441	ng	98
87) Benzo(b)fluoranthene	15.10	252	66746m	2.891	ng	

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

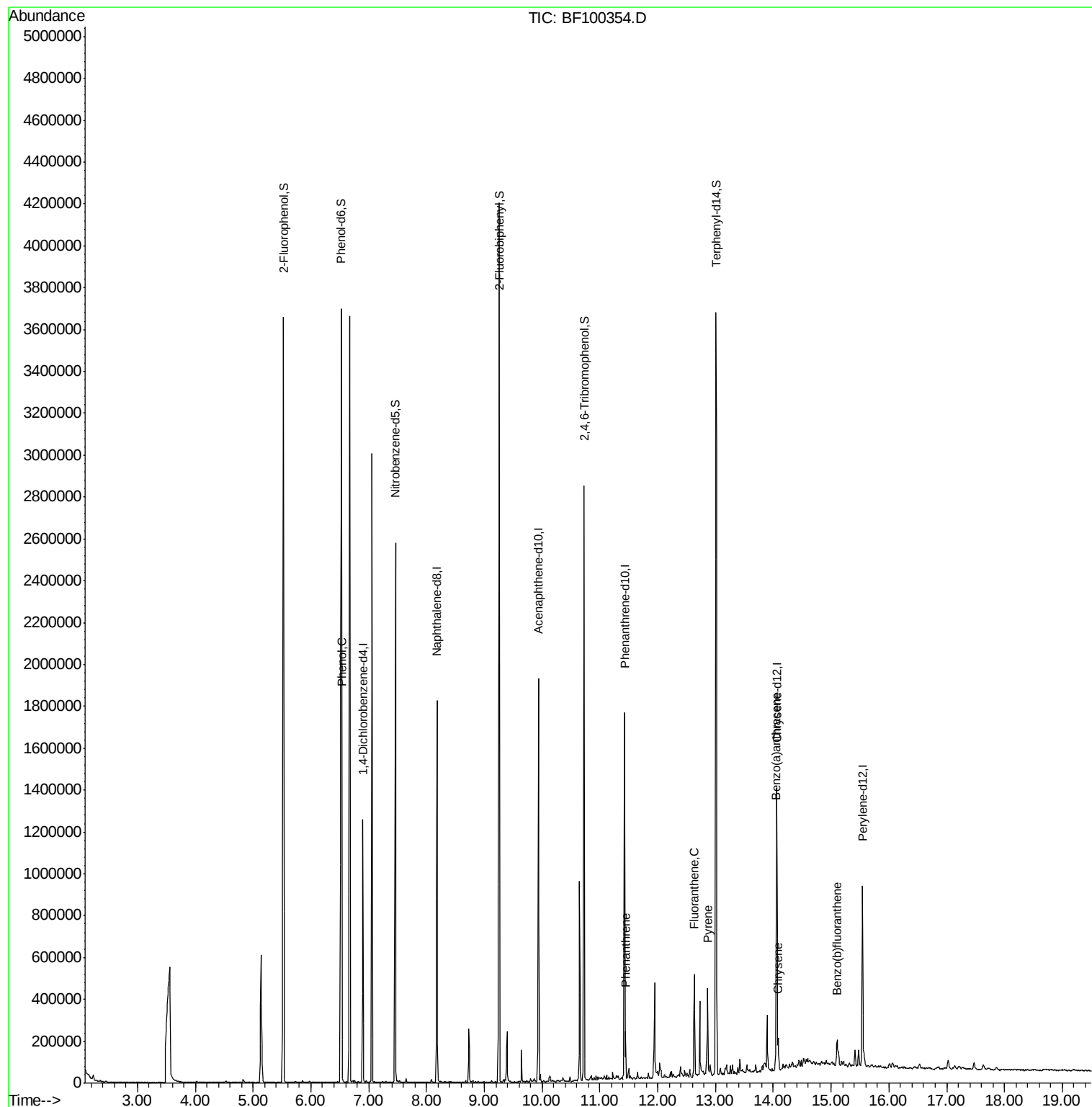
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100354.D
Acq On : 9 Nov 2017 21:29
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Sample : I6381-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

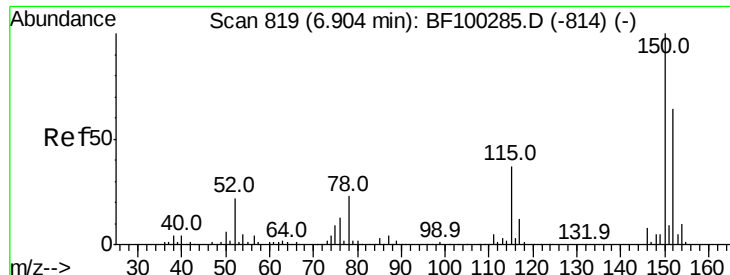
Instrument :
BNA_F
ClientSampleId :
RT-1500

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Quant Time: Nov 10 01:57:16 2017
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#1

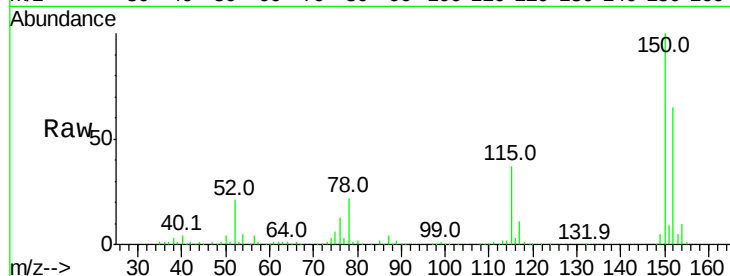
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampled :
RT-1500

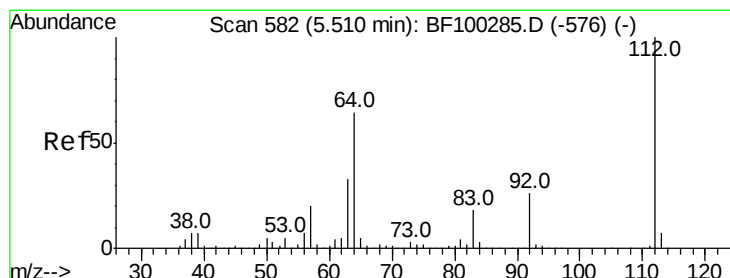
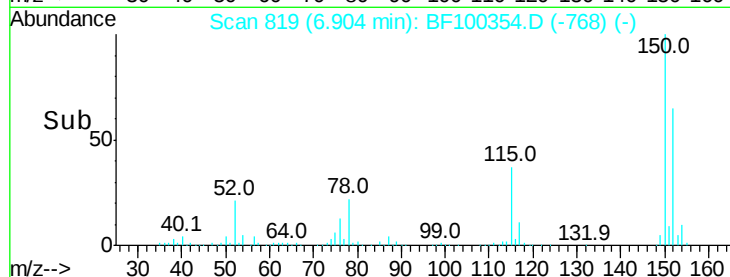
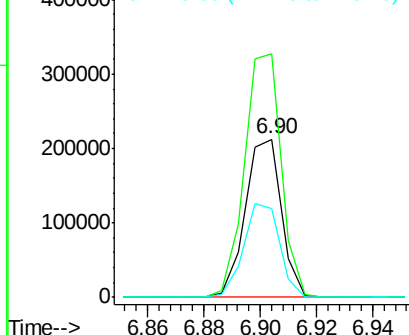
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	56.4	50.1	75.1

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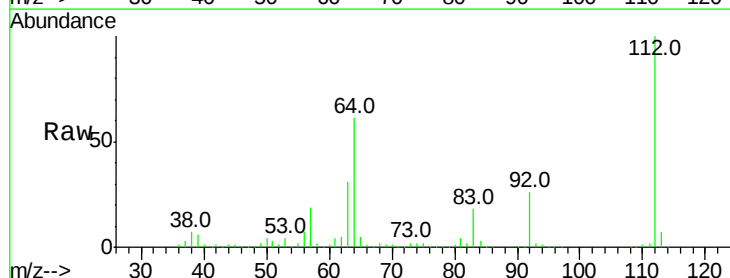
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



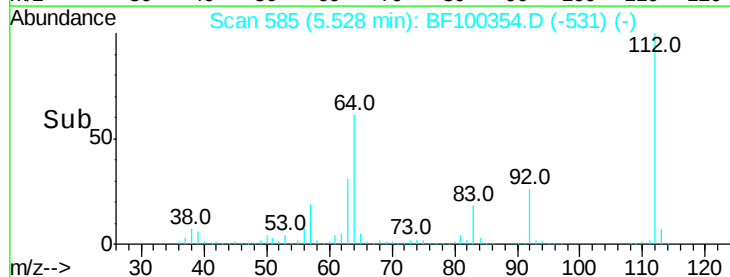
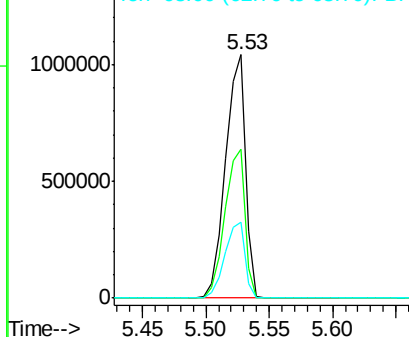
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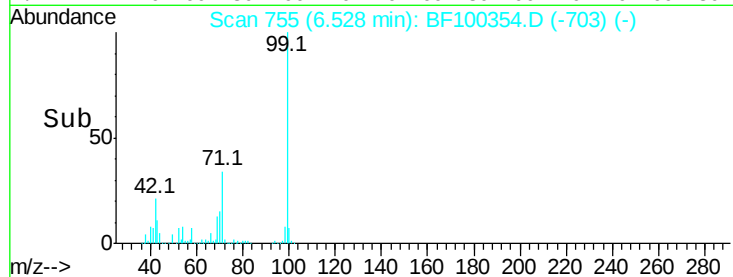
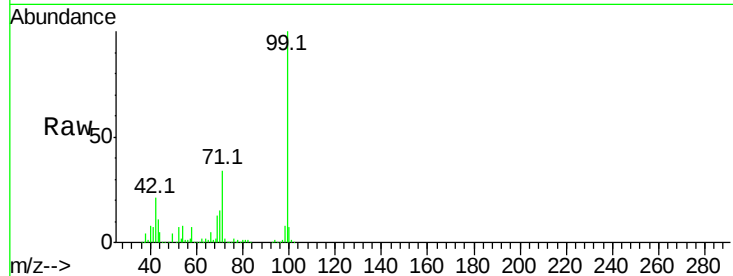
2-Fluorophenol
Concen: 95.582 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	31.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.070 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100354.D

Acq: 9 Nov 2017 21:29

Tot Ion: 99 Resp: 1430401

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	33.9	25.4	38.0

Instrument :

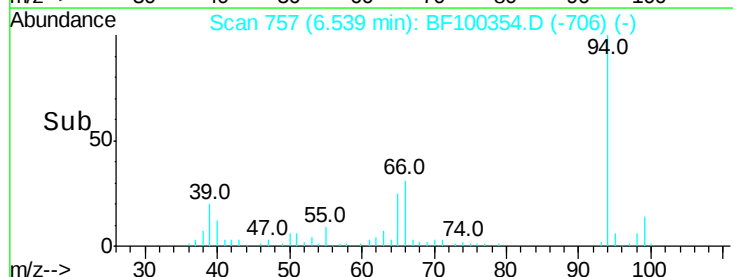
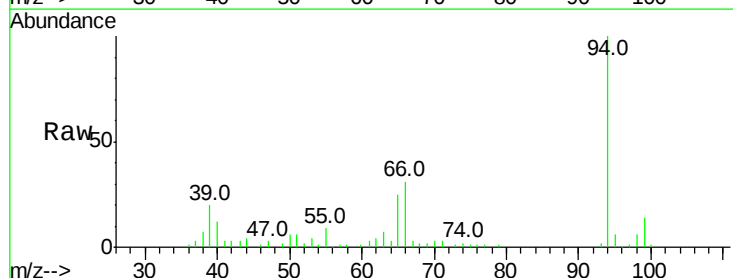
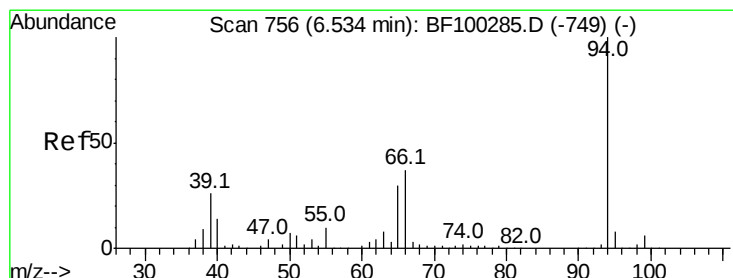
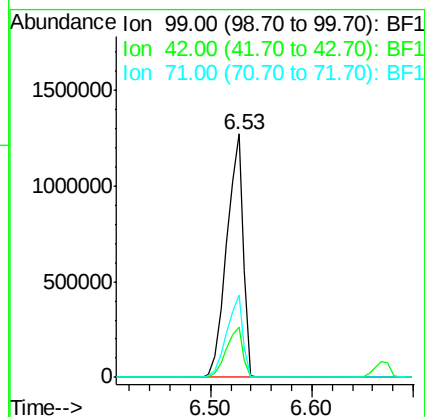
BNA_F

ClientSampled :

RT-1500

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#10

Phenol

Concen: 3.062 ng

RT: 6.54 min Scan# 757

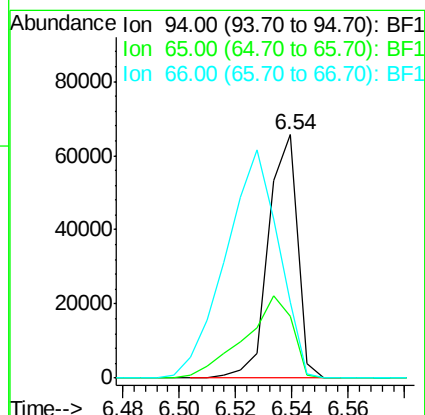
Delta R.T. -0.00 min

Lab File: BF100354.D

Acq: 9 Nov 2017 21:29

Tgt Ion: 94 Resp: 46880

Ion	Ratio	Lower	Upper
94	100		
65	25.2	7.9	47.9
66	31.1	16.2	56.2





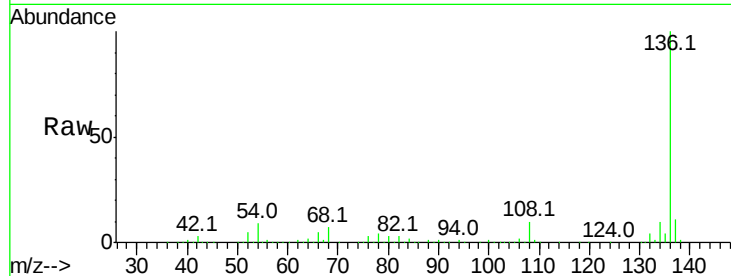
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :
RT-1500

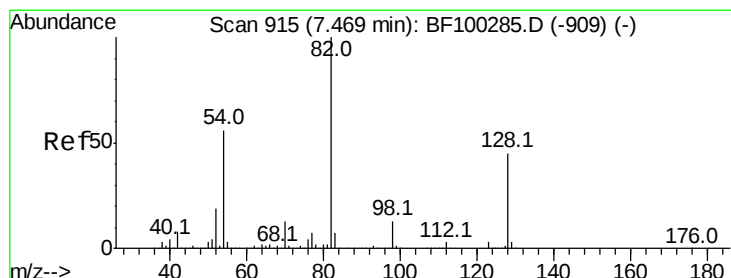
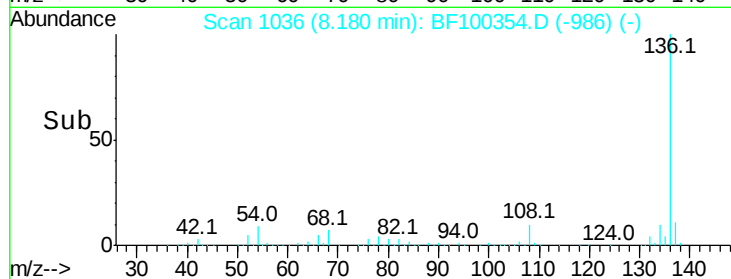
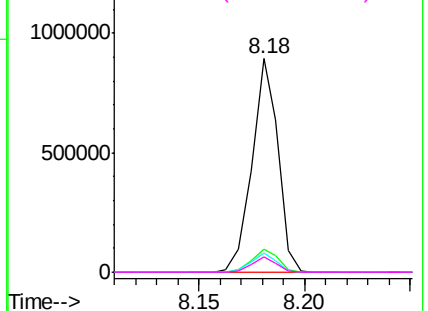
Tot Ion	Ratio	Resp	Lower	Upper
136	100	761213		
137	11.1	8.9	13.3	
54	9.1	6.6	9.8	
68	7.0	5.0	7.4	

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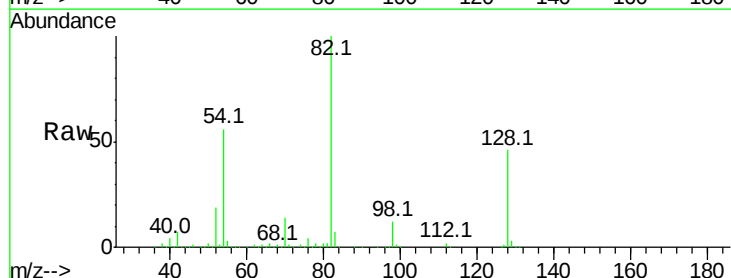


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

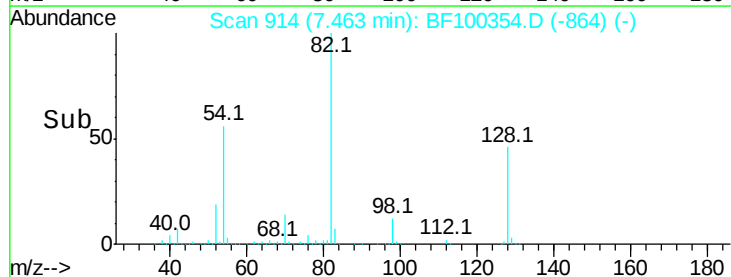
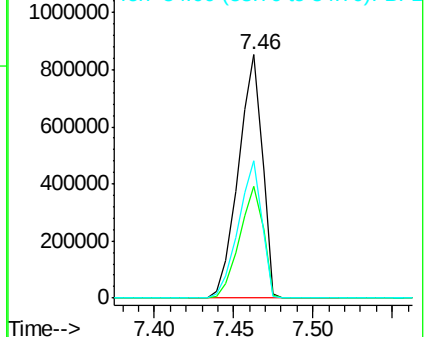


#23
Nitrobenzene-d5
Concen: 76.966 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	886171		
128	46.1	36.1	54.1	
54	56.5	41.4	62.2	



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





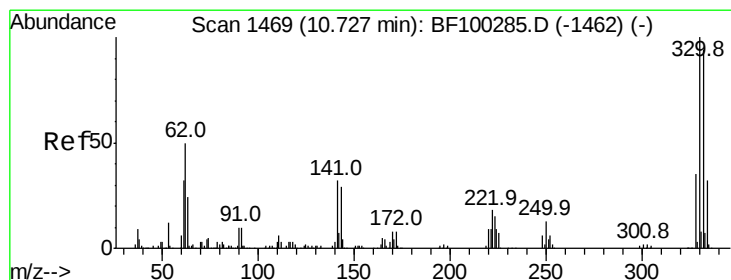
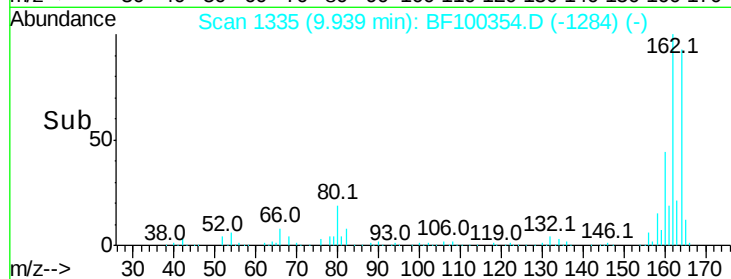
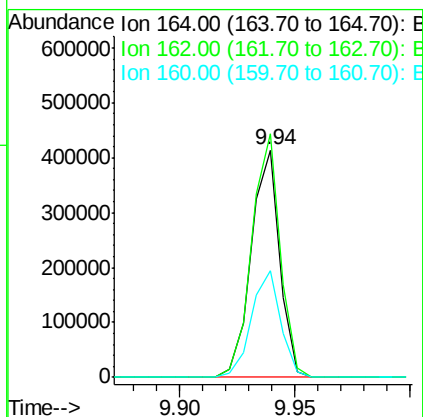
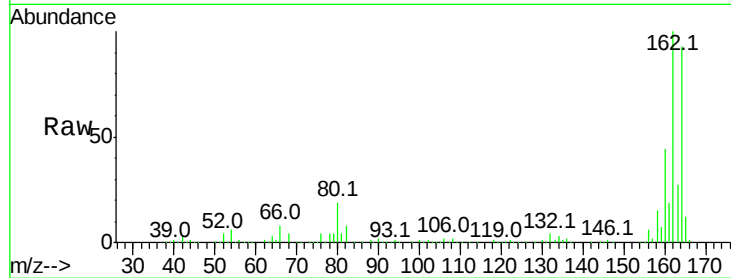
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF100354.D
 Acq: 9 Nov 2017 21:29

Instrument :
 BNA_F
 ClientSampled :
 RT-1500

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.3	86.1	129.1
160	47.0	38.3	57.5

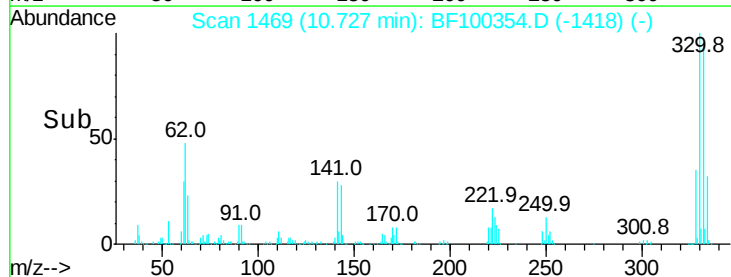
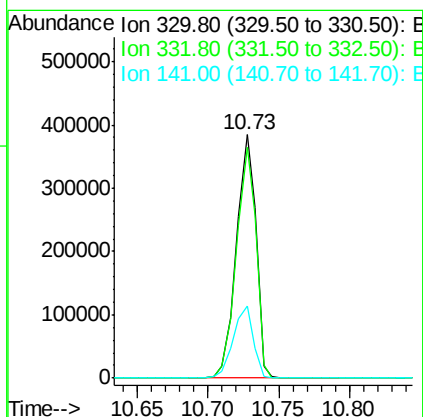
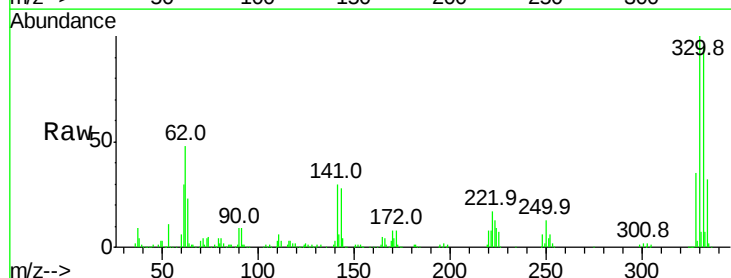
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#41
 2,4,6-Tribromophenol
 Concen: 102.440 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF100354.D
 Acq: 9 Nov 2017 21:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	30.3	29.9	44.9





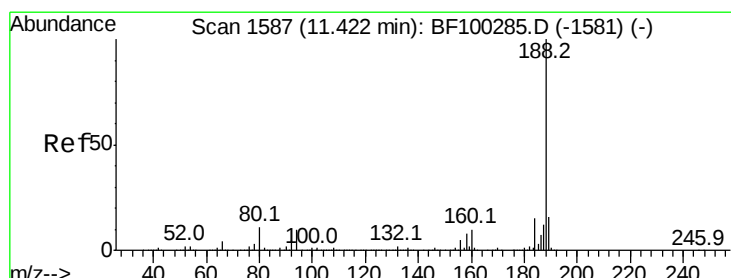
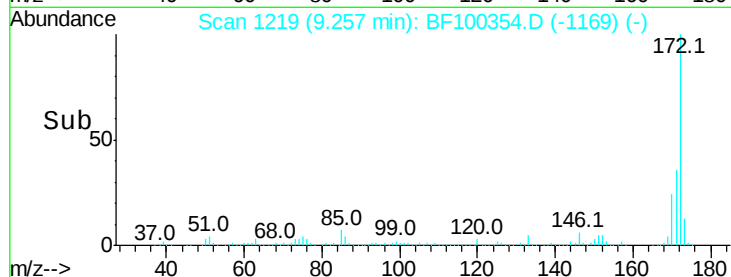
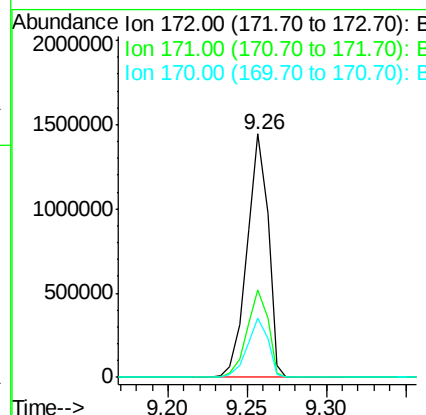
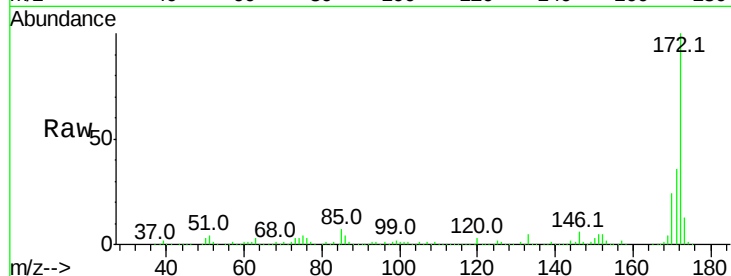
#44
2-Fluorobiphenyl
Concen: 56.776 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :
RT-1500

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	19.6	29.4

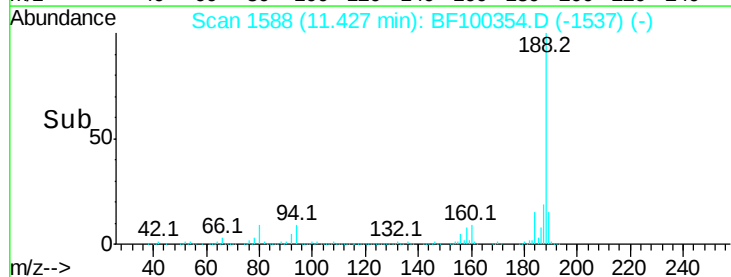
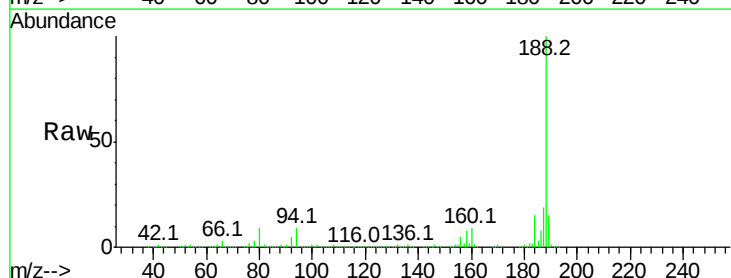
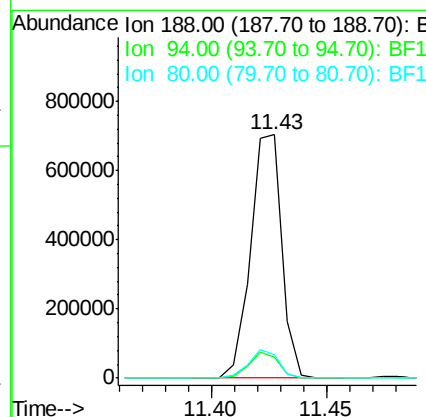
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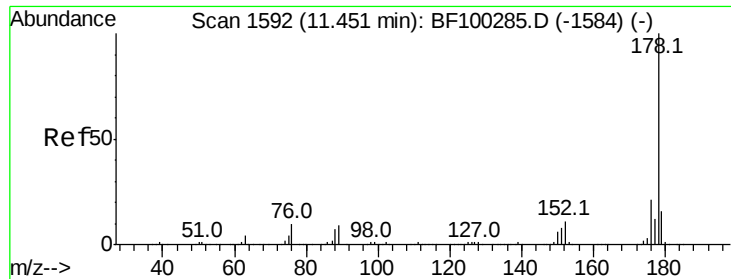
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.5	9.2	13.8





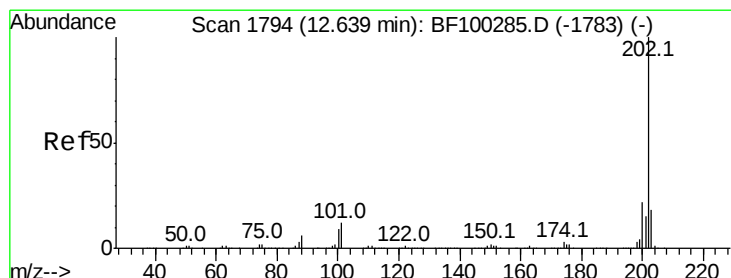
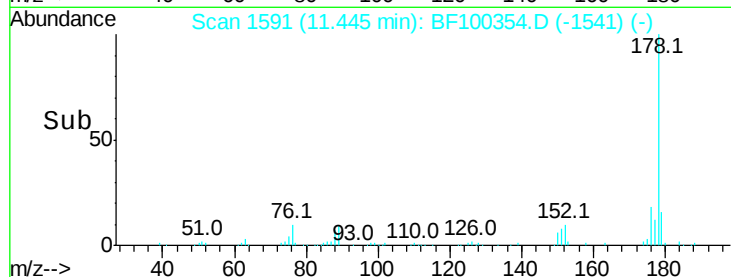
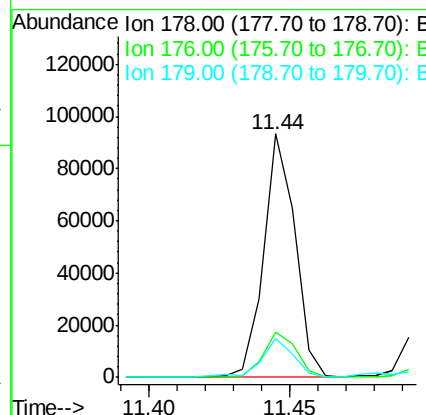
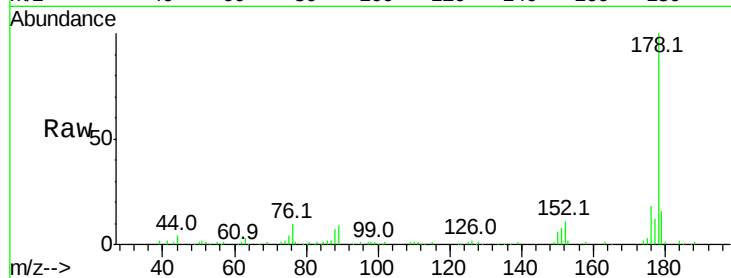
#70
Phenanthrene
Concen: 2.049 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :
RT-1500

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	16.2	13.0	19.6

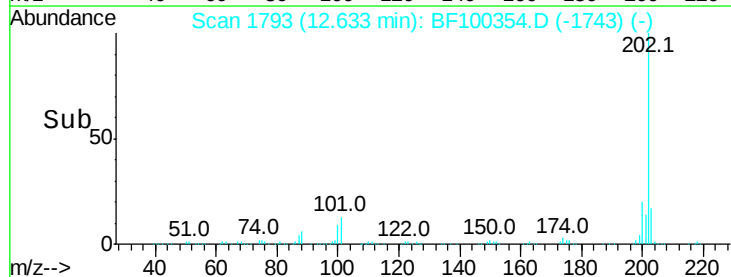
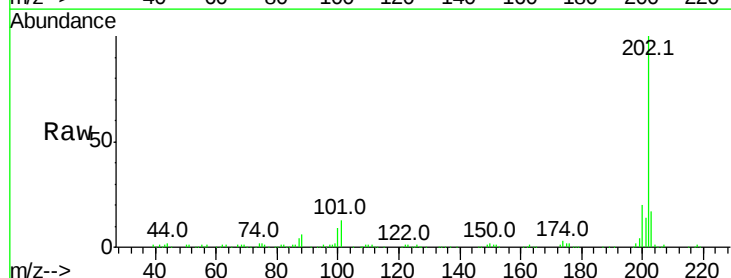
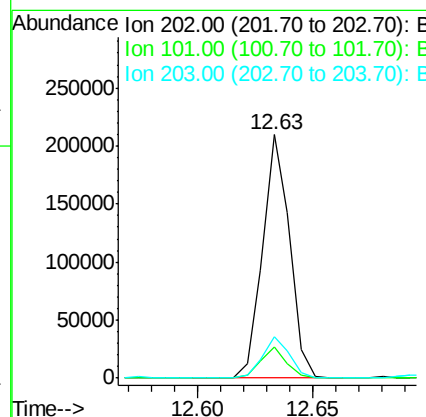
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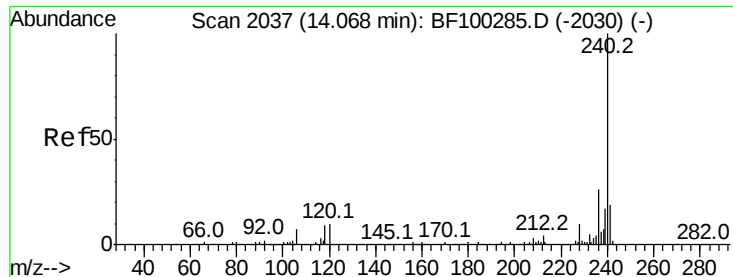
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#74
Fluoranthene
Concen: 4.633 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100354.D

Acq: 9 Nov 2017 21:29

Instrument :

BNA_F

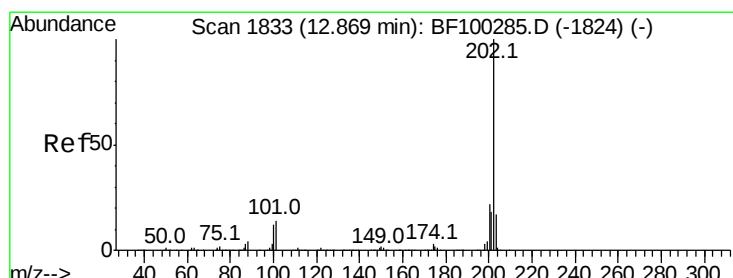
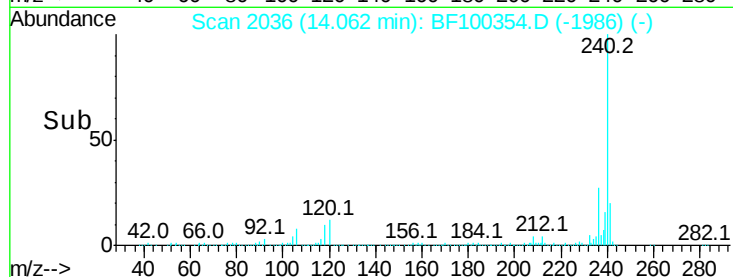
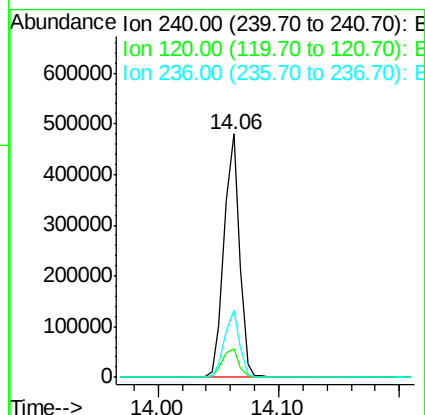
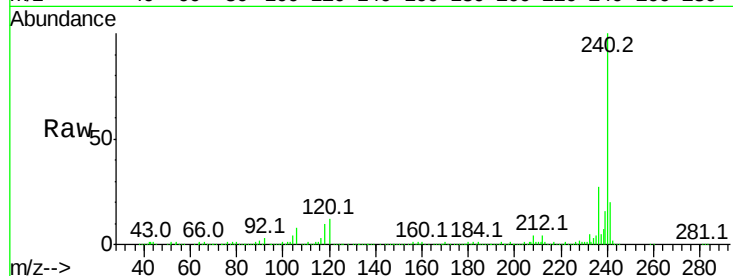
ClientSampleId :

RT-1500

Tot Ion:	240	Resp:	422952
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	27.3	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 5.313 ng

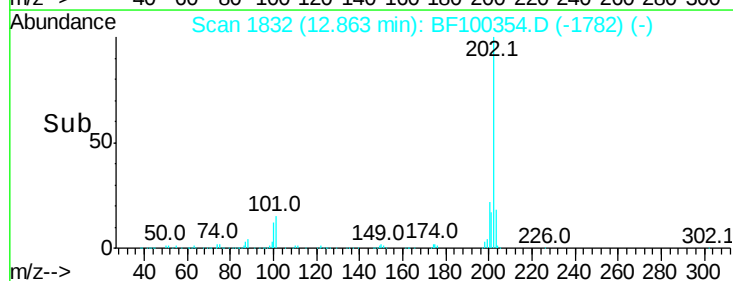
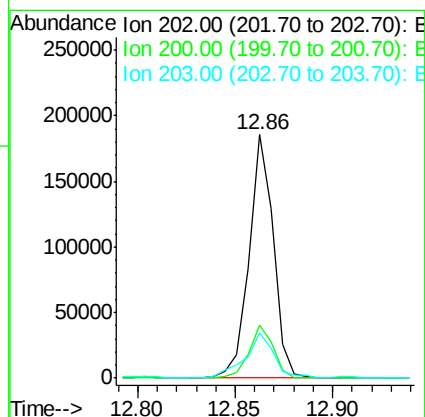
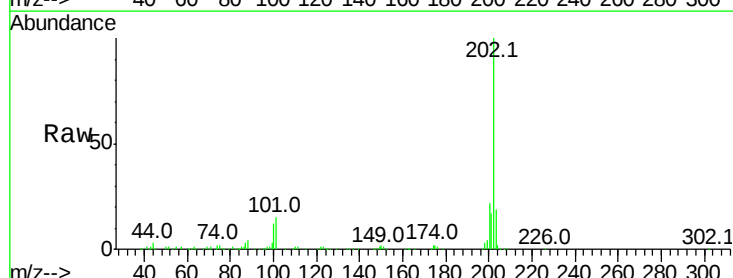
RT: 12.86 min Scan# 1832

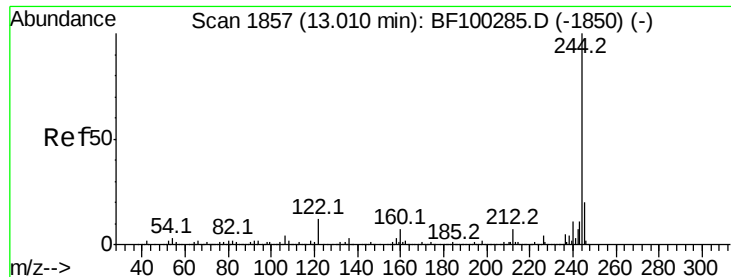
Delta R.T. -0.01 min

Lab File: BF100354.D

Acq: 9 Nov 2017 21:29

Tgt Ion:	202	Resp:	160180
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	18.6	14.3	21.5





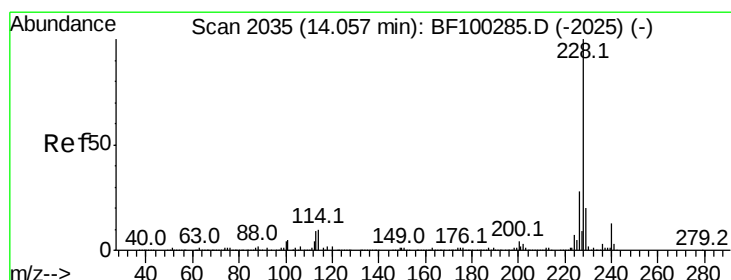
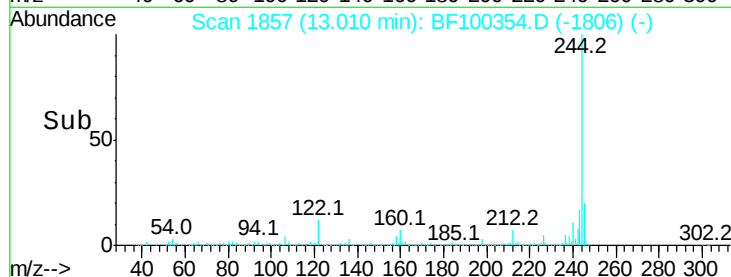
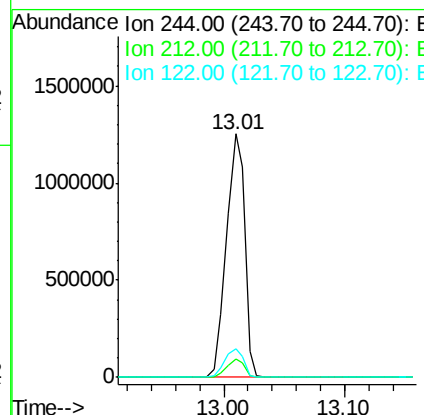
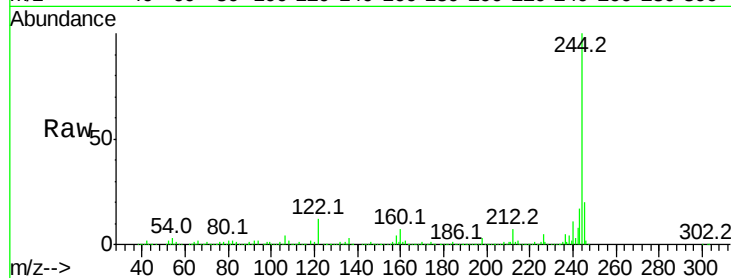
#78
 Terphenyl-d14
 Concen: 71.130 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BF100354.D
 Acq: 9 Nov 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :
 RT-1500

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.9	11.0	16.4

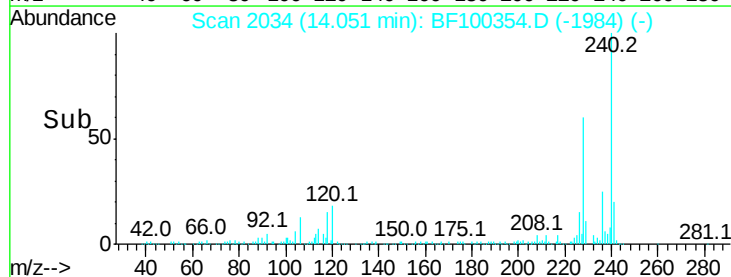
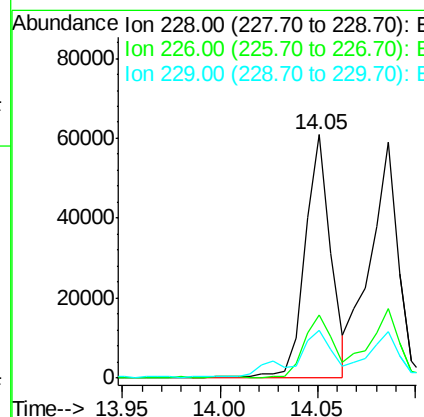
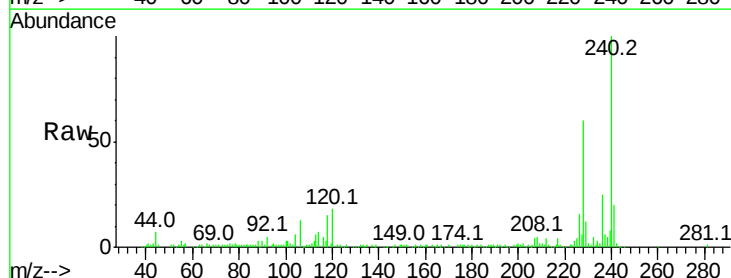
Manual Integrations
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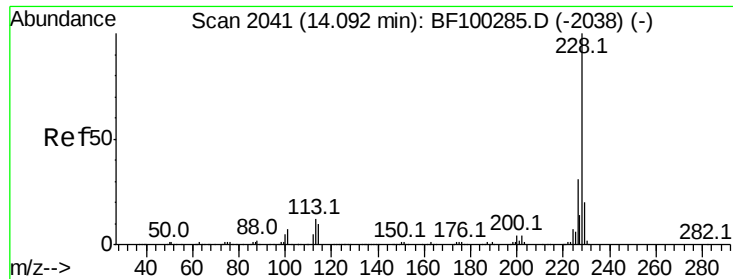
Sohil
 11/10/2017 1:15:16 PM



#80
 Benzo(a)anthracene
 Concen: 2.198 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF100354.D
 Acq: 9 Nov 2017 21:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	19.4	15.8	23.6





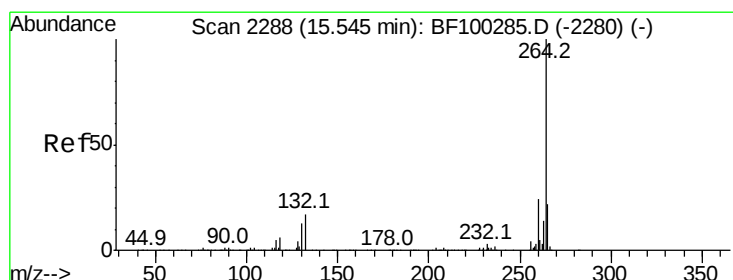
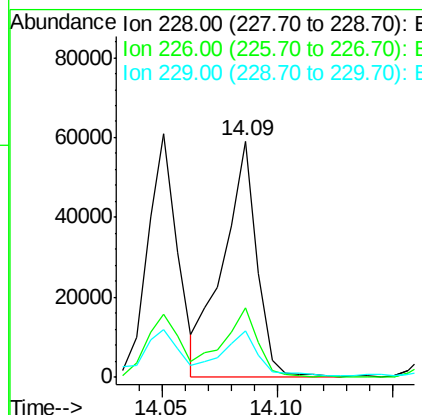
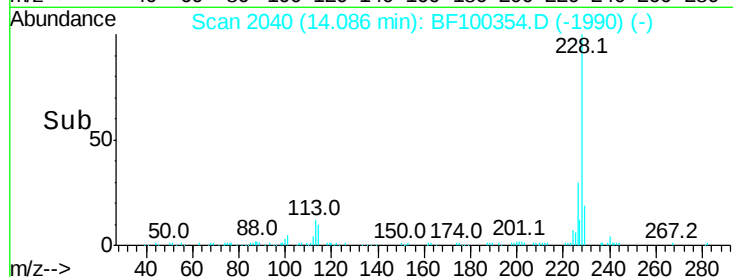
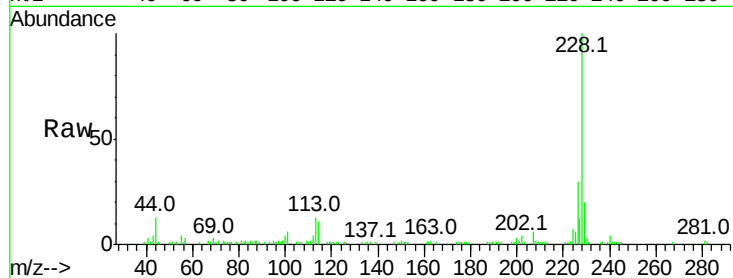
#82
Chrysene
Concen: 2.441 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :
RT-1500

Tot Ion:	228	Resp:	60204
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.0	37.6
229	19.9	16.2	24.4

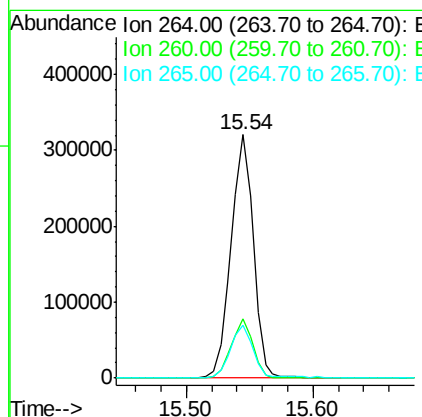
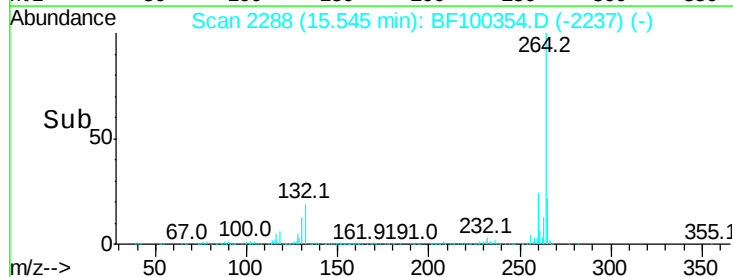
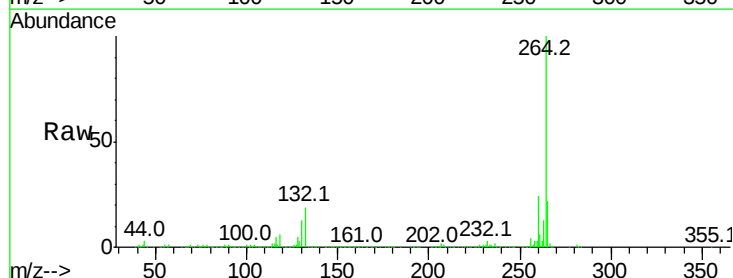
Manual Integrations
APPROVED

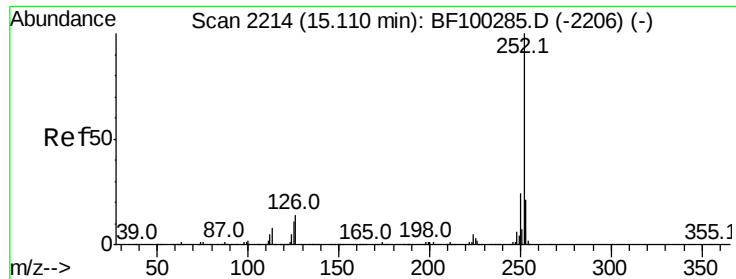
Sohil
11/10/2017 1:15:16 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion:	264	Resp:	389744
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.891 ng m
 RT: 15.10 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BF100354.D
 Acq: 9 Nov 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :
 RT-1500

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	12.6	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 11/10/2017 1:15:16 PM

