

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100359.D
 Acq On : 9 Nov 2017 23:44
 Operator : SJ/JU
 Sample : I6310-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-5-RO

Manual Integrations
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 11/10/2017 1:15:24 PM

Quant Time: Nov 10 03:15:53 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	188337	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	728360	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	318319	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	534380	20.00	ng	0.00
75) Chrysene-d12	14.06	240	384054	20.00	ng	0.00
86) Perylene-d12	15.54	264	395903	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	655851	55.82	ng	0.00
7) Phenol-d6	6.52	99	804876	55.55	ng	0.00
23) Nitrobenzene-d5	7.46	82	498481	45.25	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	179660	55.39	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	882326	42.21	ng	0.00
78) Terphenyl-d14	13.00	244	589002	35.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.20	128	153546	4.377	ng	98
37) 2-Methylnaphthalene	8.89	142	211334	9.074	ng	98
49) Dimethylphthalate	9.65	163	51437	2.116	ng	# 99
70) Phenanthrene	11.45	178	158354	5.628	ng	99
74) Fluoranthene	12.63	202	114972	3.856	ng	99
77) Pyrene	12.86	202	101460	3.706	ng	97
80) Benzo(a)anthracene	14.05	228	53116	2.297	ng	96
82) Chrysene	14.09	228	47023	2.100	ng	97
87) Benzo(b)fluoranthene	15.11	252	50130m	2.137	ng	

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

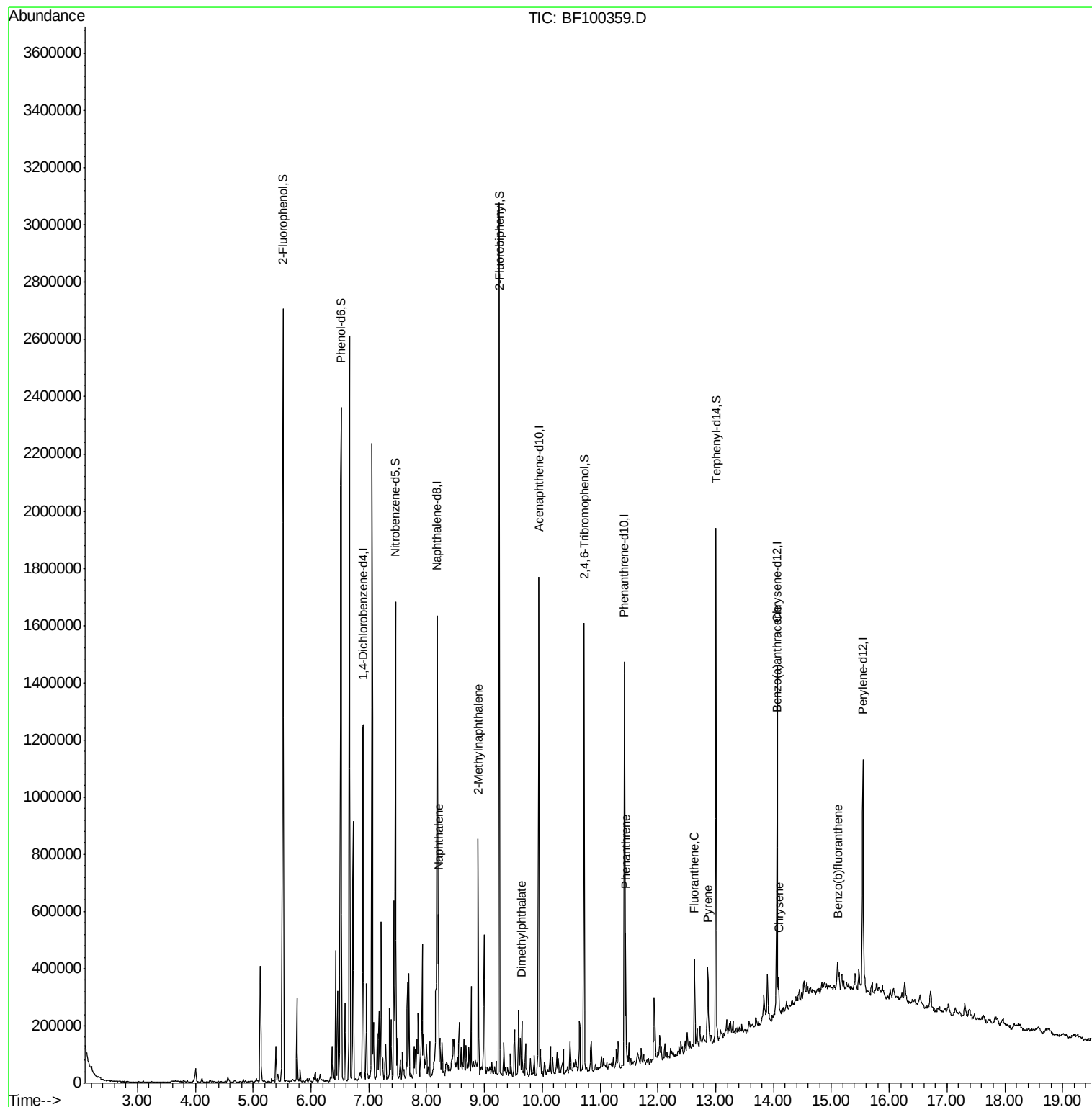
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100359.D
Acq On : 9 Nov 2017 23:44
Operator : SJ/JU
Sample : I6310-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

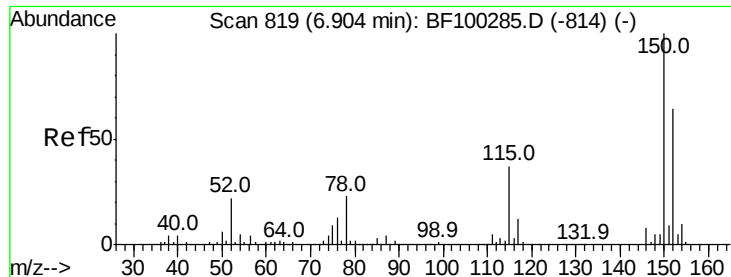
Instrument :
BNA_F
ClientSampleId :
1-5-RO

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Quant Time: Nov 10 03:15:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

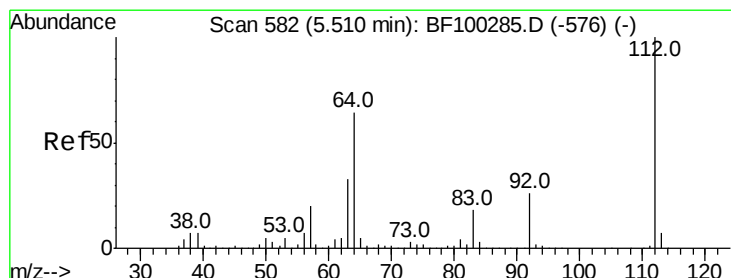
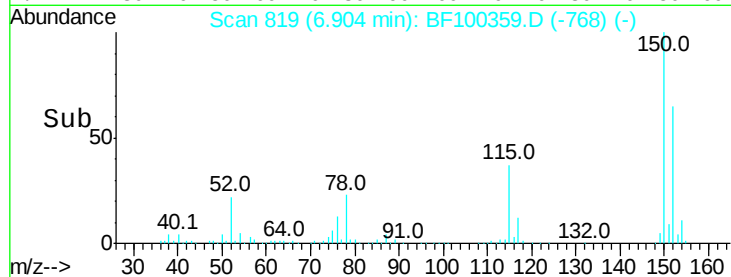
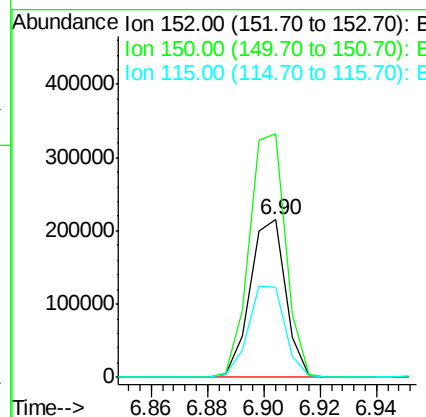
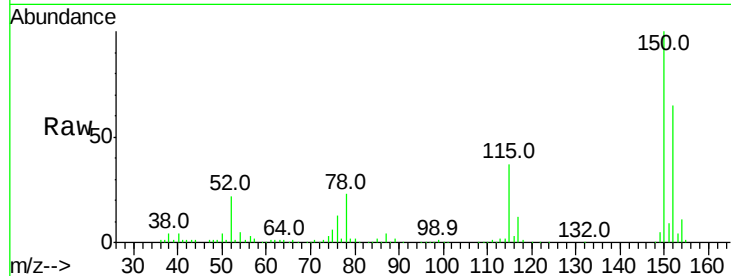
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100359.D
Acq: 9 Nov 2017 23:44

Instrument :
BNA_F
ClientSampled :
1-5-RO

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	56.8	50.1	75.1

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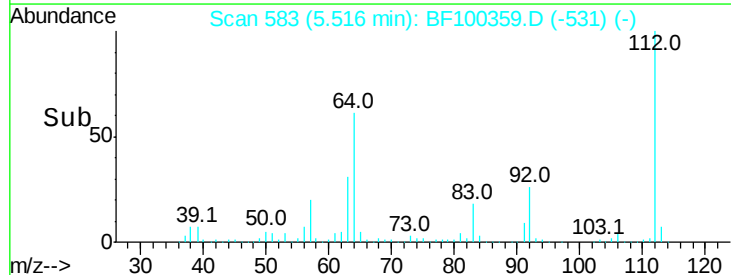
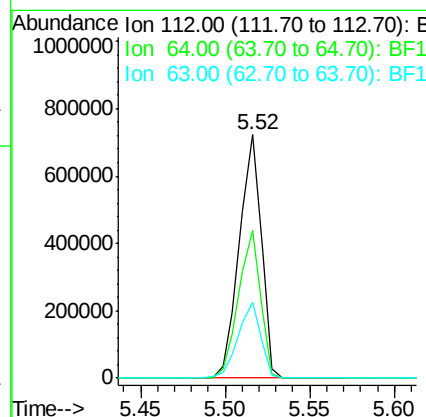
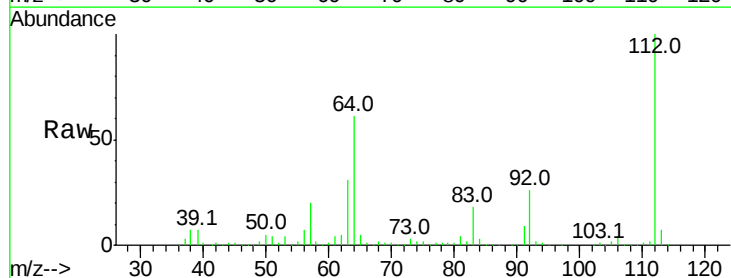
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#5

2-Fluorophenol
Concen: 55.821 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100359.D
Acq: 9 Nov 2017 23:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 55.554 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF100359.D

Acq: 9 Nov 2017 23:44

Instrument :

BNA_F

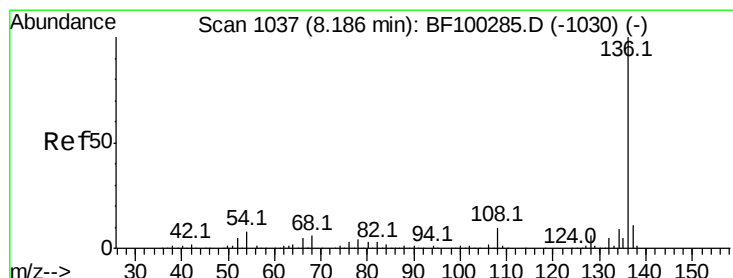
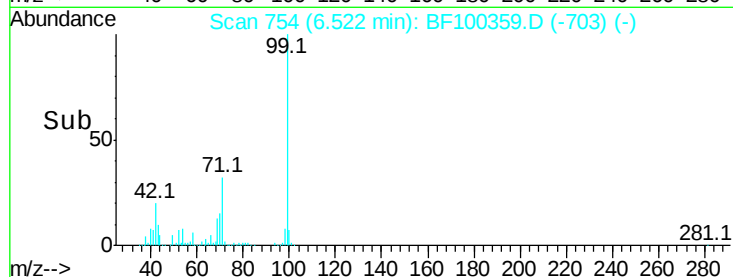
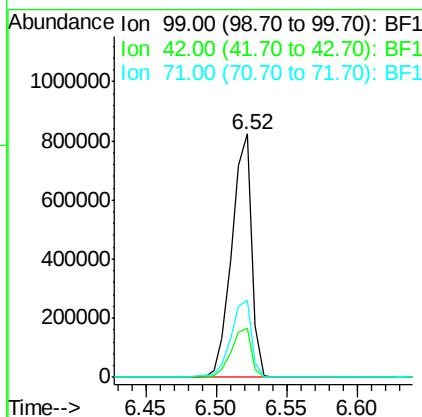
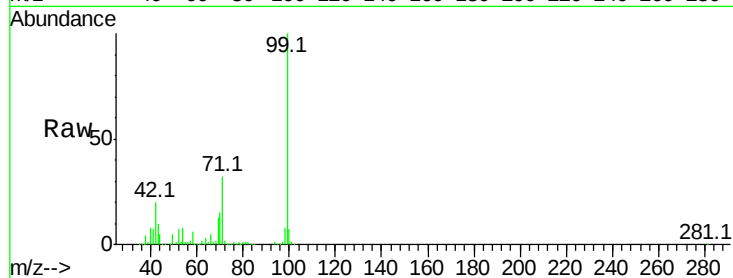
ClientSampled :

1-5-RO

Tot Ion:	99	Resp:	804876
Ion Ratio	Lower	Upper	
99	100		
42	19.9	14.5	21.7
71	31.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

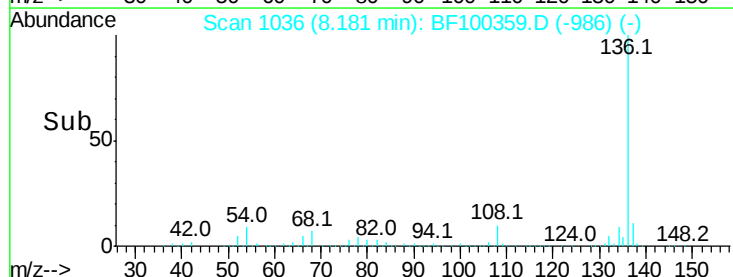
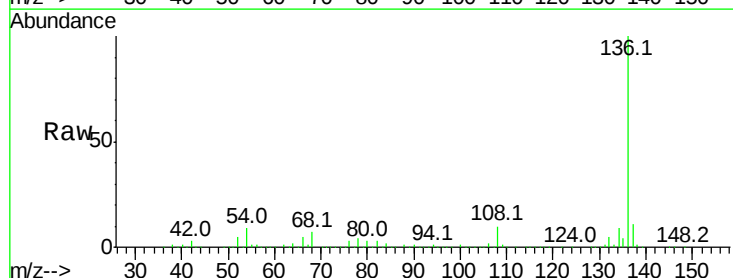
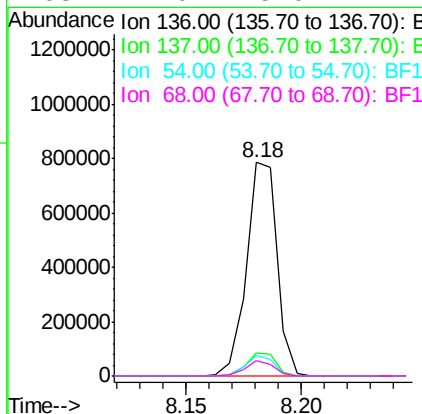
RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100359.D

Acq: 9 Nov 2017 23:44

Tgt Ion:	136	Resp:	728360
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	9.4	6.6	9.8
68	7.0	5.0	7.4





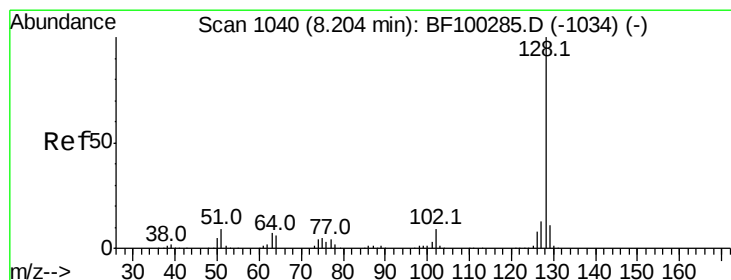
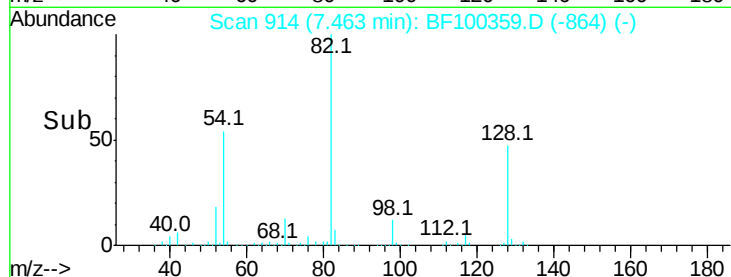
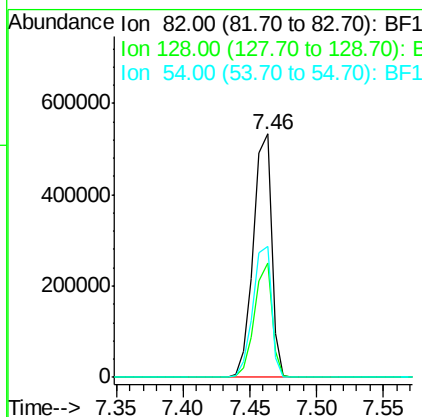
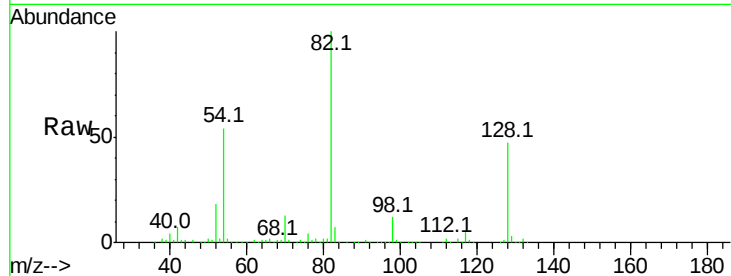
#23
 Nitrobenzene-d5
 Concen: 45.247 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100359.D
 Acq: 9 Nov 2017 23:44

Instrument :
 BNA_F
 ClientSampled :
 1-5-RO

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.2	36.1	54.1	
54	53.7	41.4	62.2	

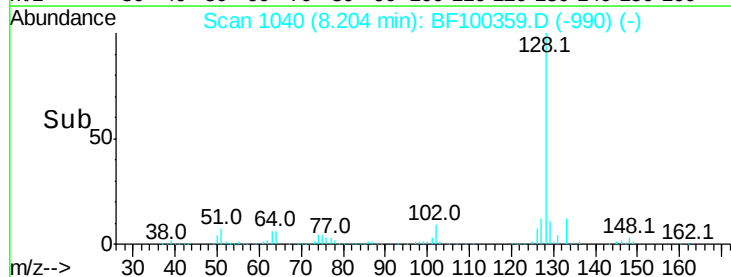
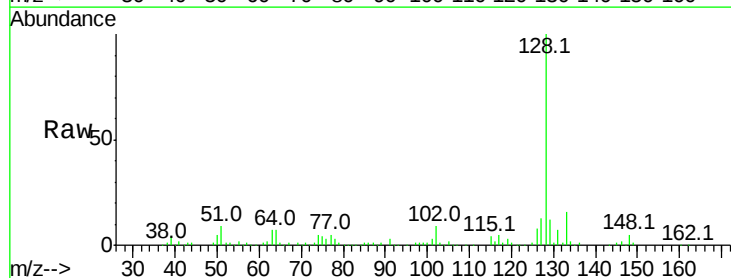
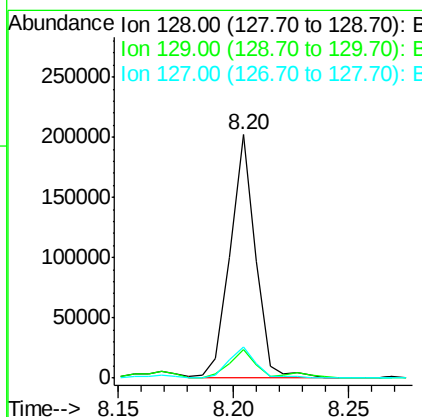
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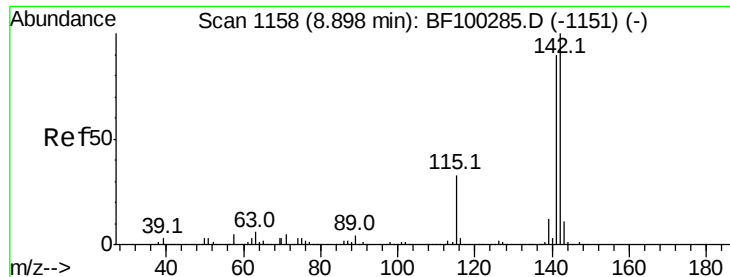
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#31
 Naphthalene
 Concen: 4.377 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF100359.D
 Acq: 9 Nov 2017 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.6	8.8	13.2	
127	12.9	10.9	16.3	





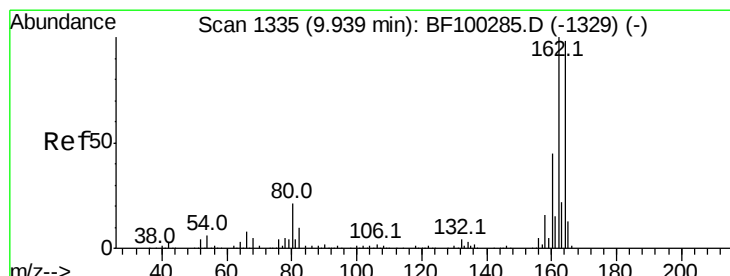
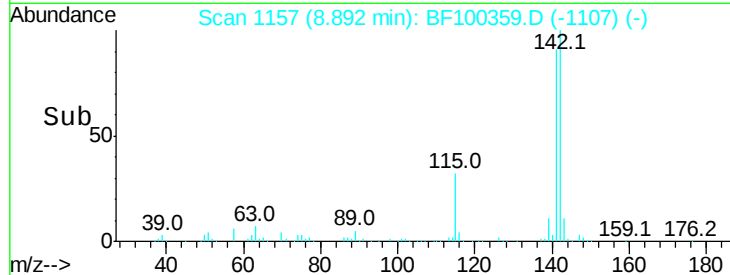
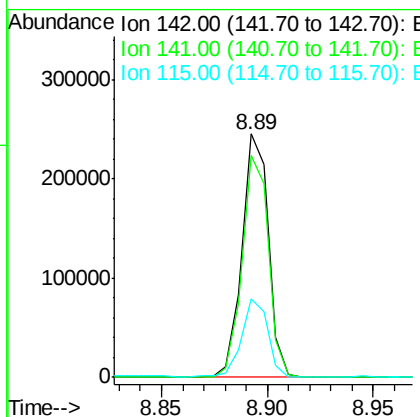
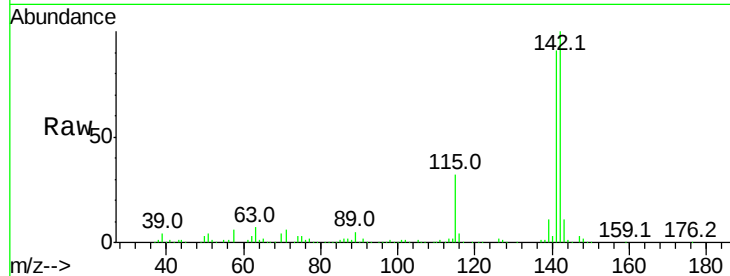
#37
 2-Methylnaphthalene
 Concen: 9.074 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF100359.D
 Acq: 9 Nov 2017 23:44

Instrument :
 BNA_F
 ClientSampleId :
 1-5-RO

Tot Ion	Ratio	Resp	Lower	Upper
142	100	211334		
141	91.0		70.8	106.2
115	32.4		26.1	39.1

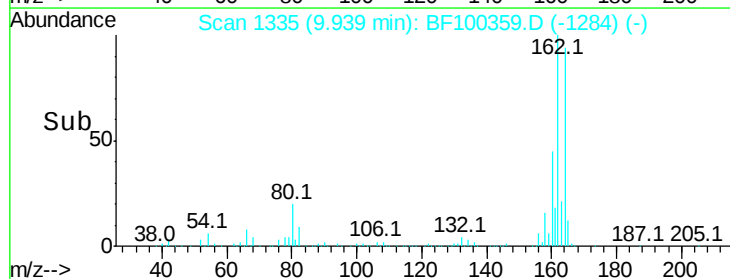
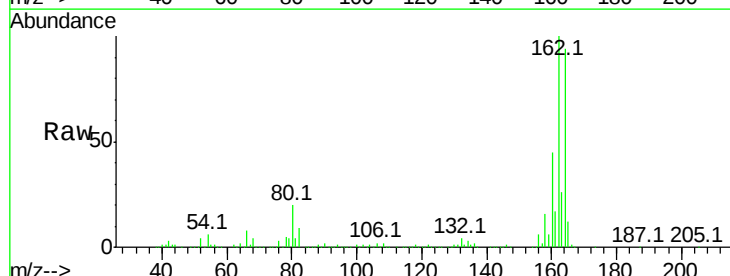
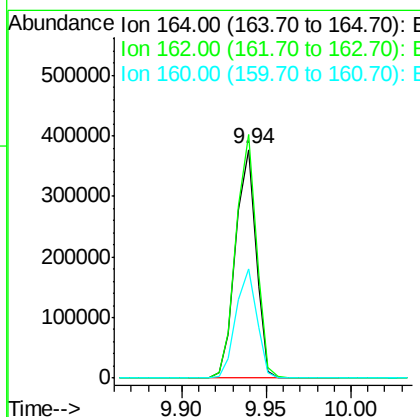
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF100359.D
 Acq: 9 Nov 2017 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	318319		
162	106.6		86.1	129.1
160	47.7		38.3	57.5





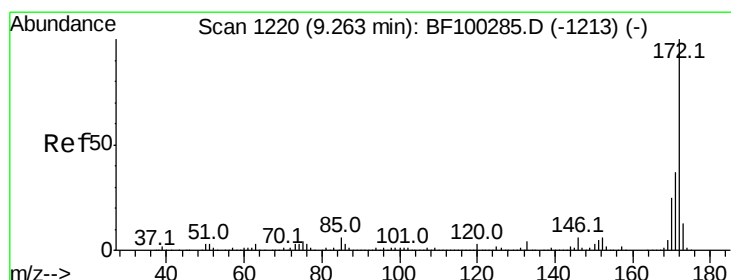
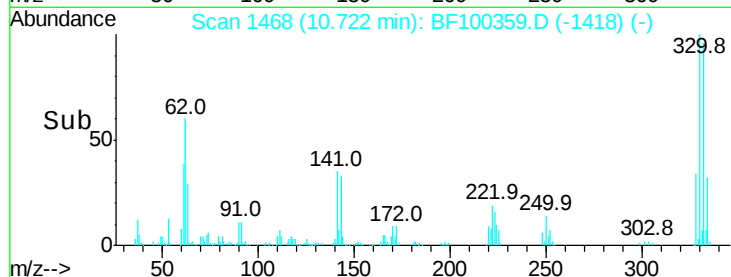
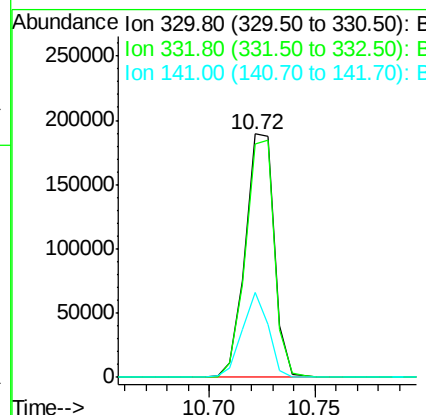
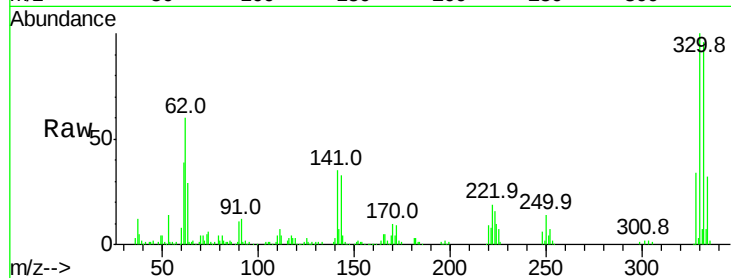
#41
 2,4,6-Tribromophenol
 Concen: 55.388 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100359.D
 Acq: 9 Nov 2017 23:44

Instrument :
 BNA_F
 ClientSampled :
 1-5-RO

Tot Ion	Ratio	Resp	Lower	Upper
330	100	179660		
332	97.0	77.0	115.6	
141	32.5	29.9	44.9	

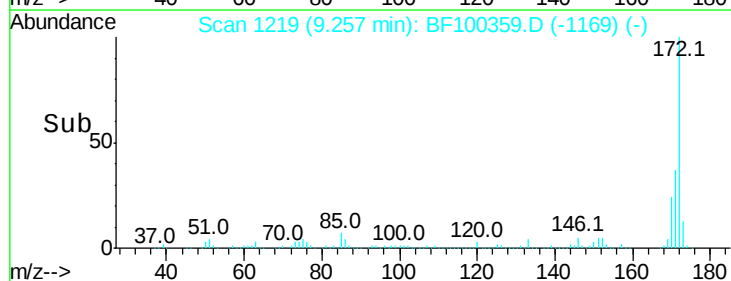
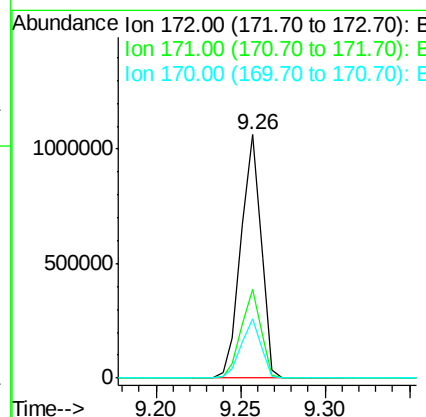
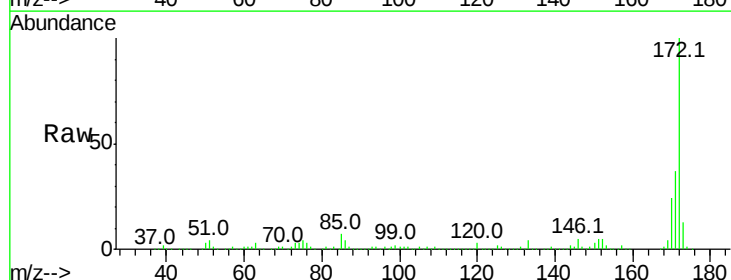
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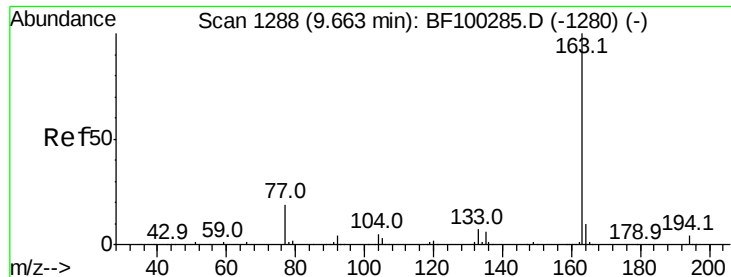
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#44
 2-Fluorobiphenyl
 Concen: 42.207 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100359.D
 Acq: 9 Nov 2017 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	882326		
171	36.7	29.7	44.5	
170	24.2	19.6	29.4	





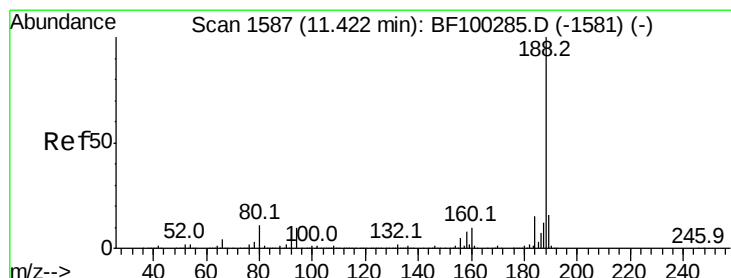
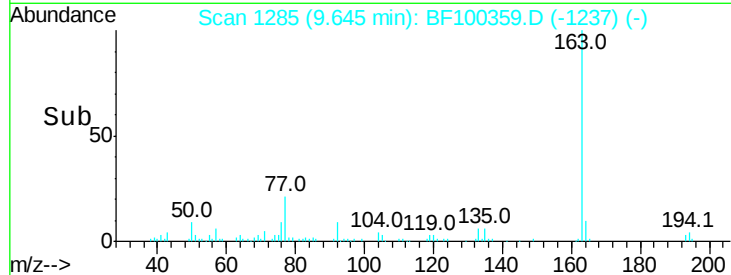
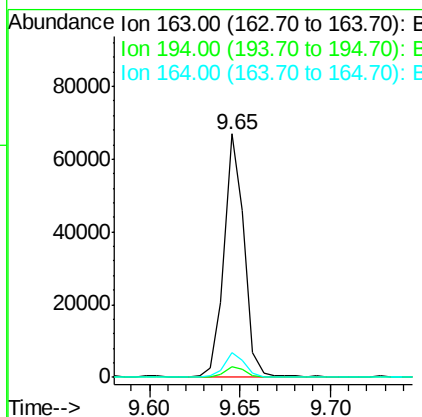
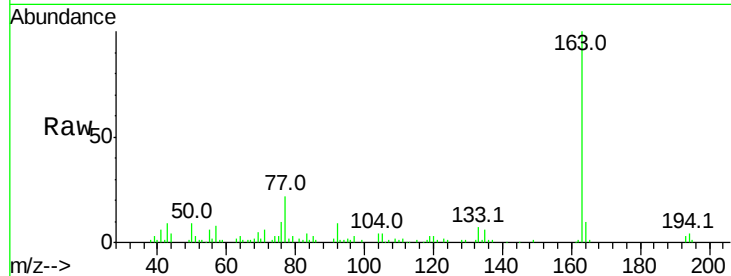
#49
Dimethylphthalate
Concen: 2.116 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100359.D
Acq: 9 Nov 2017 23:44

Instrument :
BNA_F
ClientSampled :
1-5-RO

Tot Ion:163 Resp: 51437
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 10.1 8.2 12.2

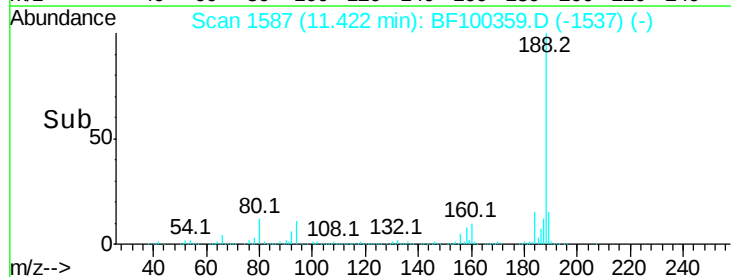
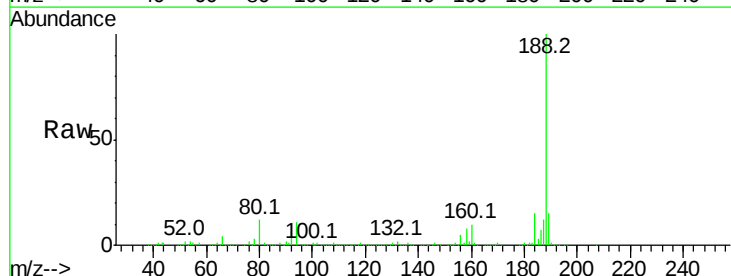
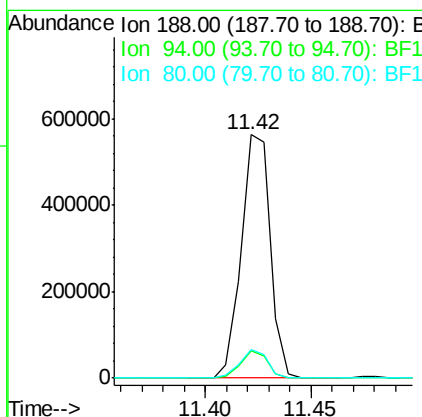
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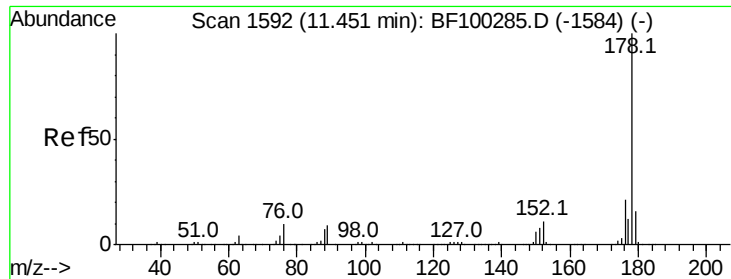
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100359.D
Acq: 9 Nov 2017 23:44

Tgt Ion:188 Resp: 534380
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.6 9.2 13.8





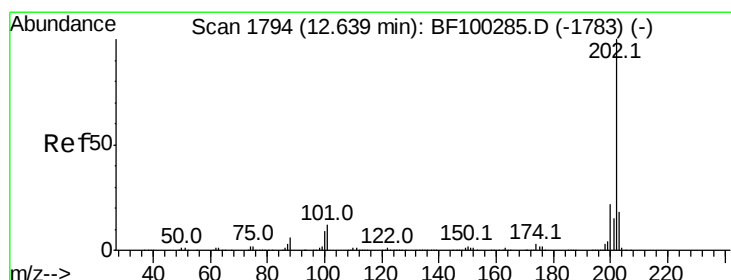
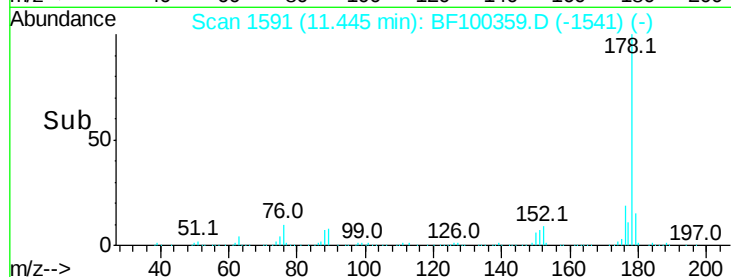
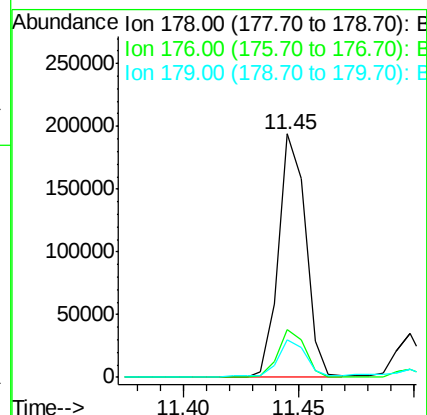
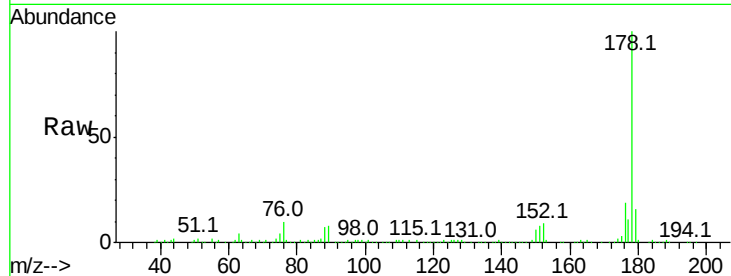
#70
Phenanthrene
Concen: 5.628 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF100359.D
Acq: 9 Nov 2017 23:44

Instrument :
BNA_F
ClientSampled :
1-5-RO

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.6	13.0	19.6

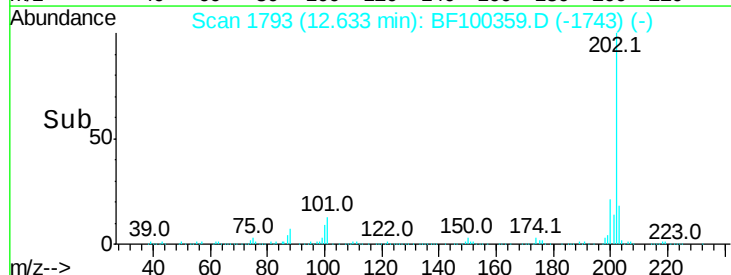
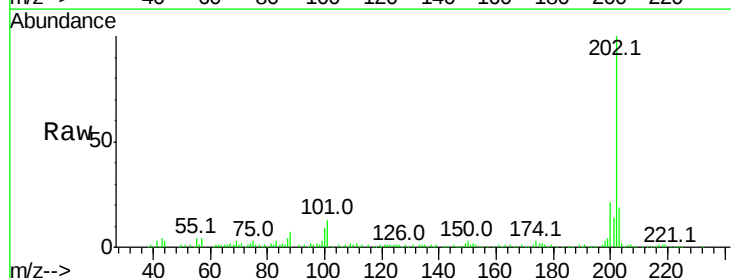
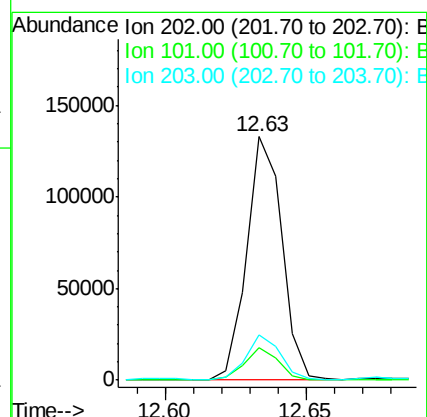
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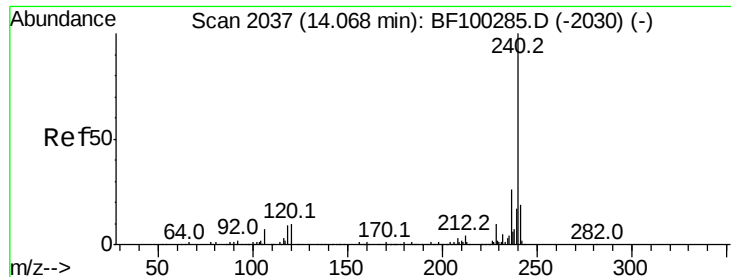
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#74
Fluoranthene
Concen: 3.856 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF100359.D
Acq: 9 Nov 2017 23:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	18.6	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: BF100359.D

Acq: 9 Nov 2017 23:44

Instrument :

BNA_F

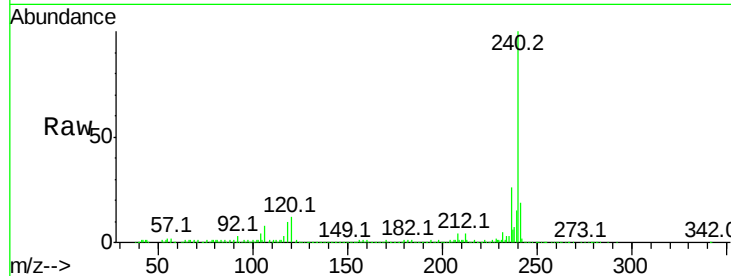
ClientSampled :

1-5-RO

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.2	20.7	31.1

Manual Integrations
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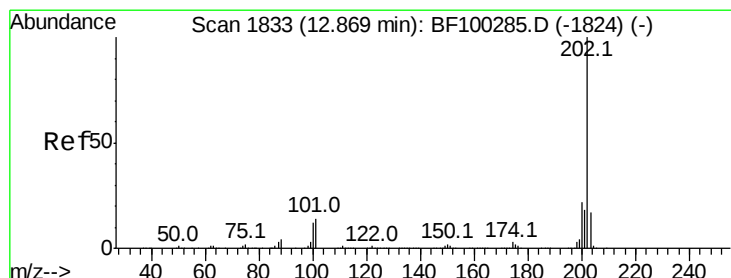
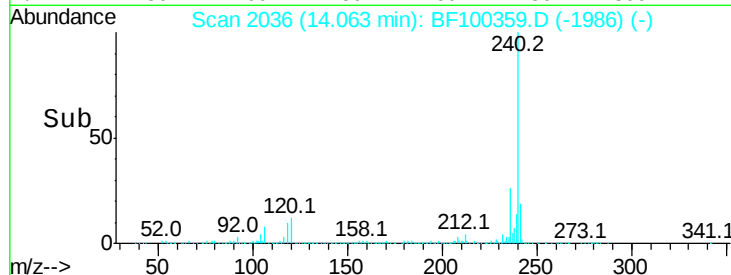
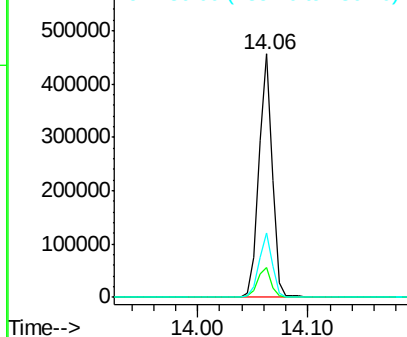


Abundance

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



#77

Pyrene

Concen: 3.706 ng

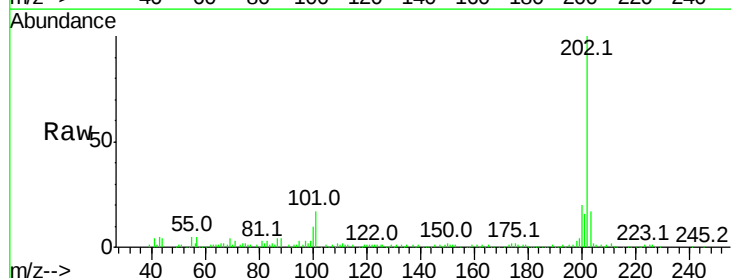
RT: 12.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BF100359.D

Acq: 9 Nov 2017 23:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	16.9	14.3	21.5

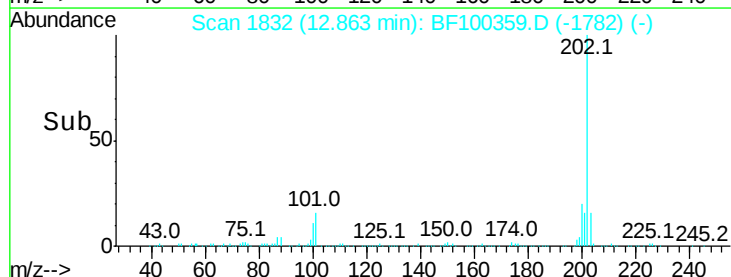
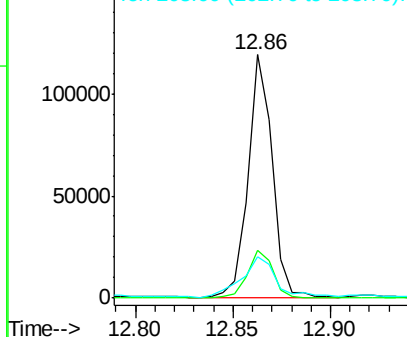


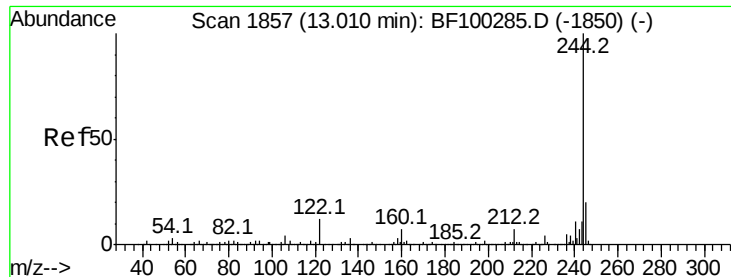
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 35.239 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100359.D

Acq: 9 Nov 2017 23:44

Instrument :

BNA_F

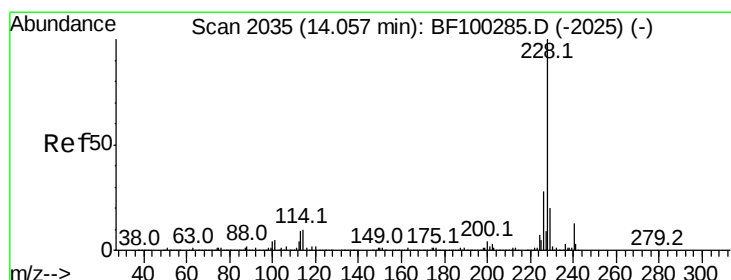
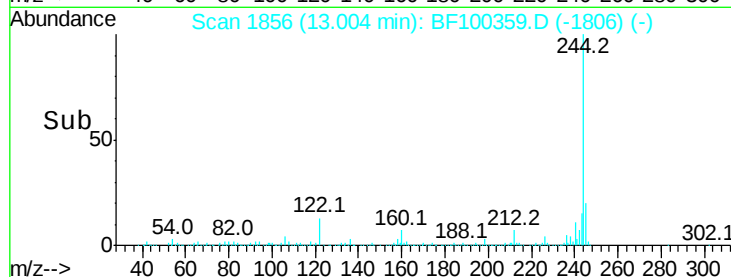
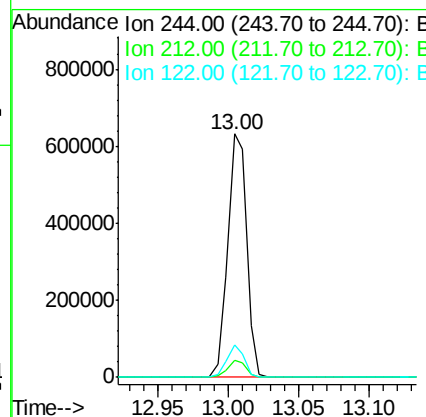
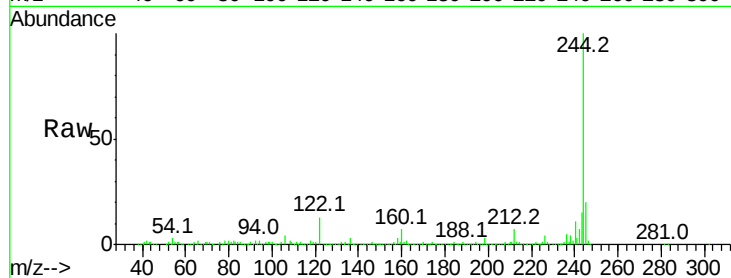
ClientSampled :

1-5-RO

Tot Ion:	244	Resp:	589002
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	13.2	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 2.297 ng

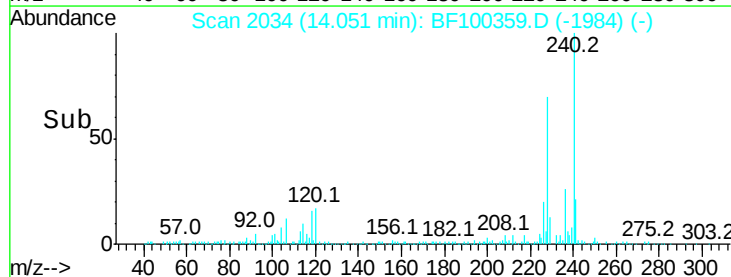
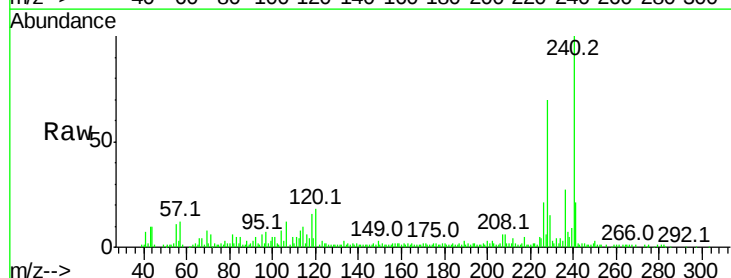
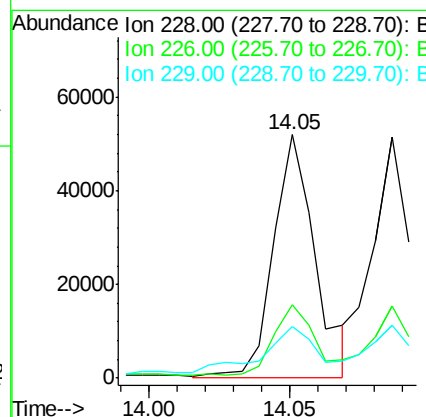
RT: 14.05 min Scan# 2034

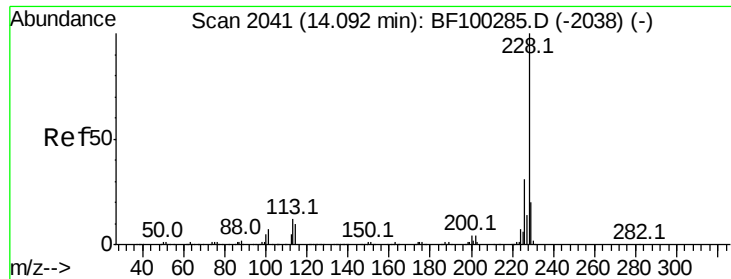
Delta R.T. -0.01 min

Lab File: BF100359.D

Acq: 9 Nov 2017 23:44

Tgt Ion:	228	Resp:	53116
Ion Ratio	Lower	Upper	
228	100		
226	30.4	22.6	33.8
229	21.2	15.8	23.6





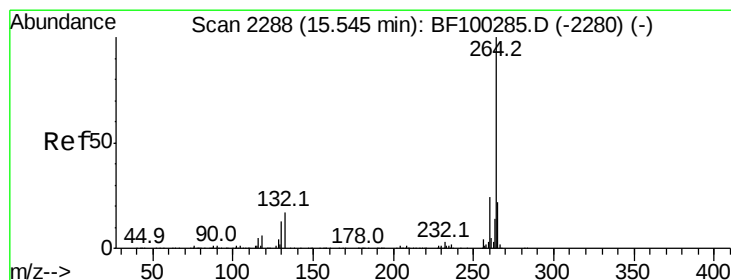
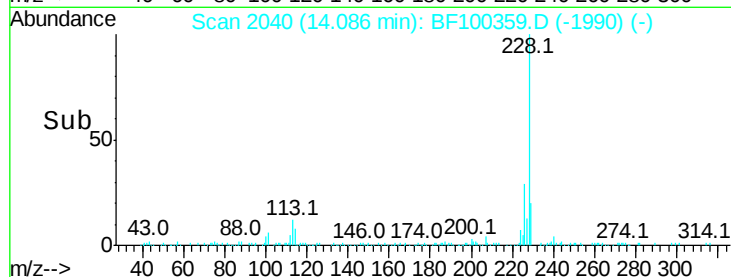
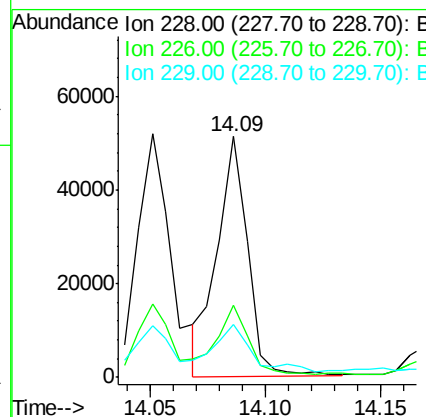
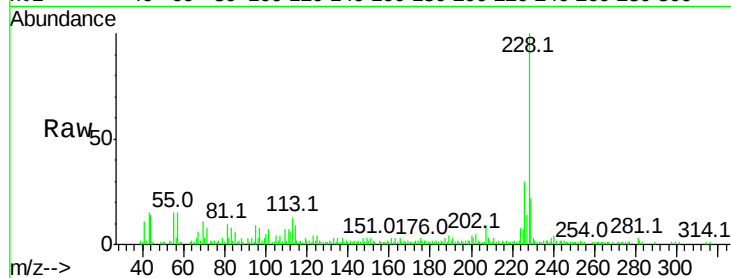
#82
Chrysene
Concen: 2.100 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF100359.D
Acq: 9 Nov 2017 23:44

Instrument :
BNA_F
ClientSampled :
1-5-RO

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	22.2	16.2	24.4

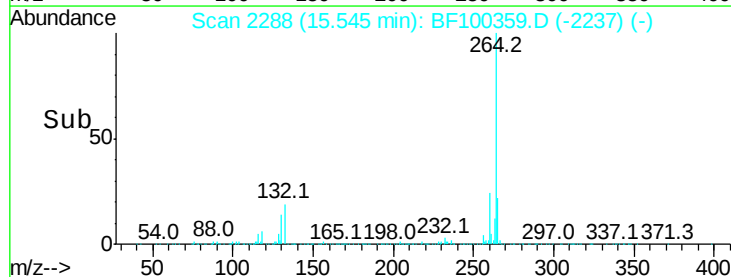
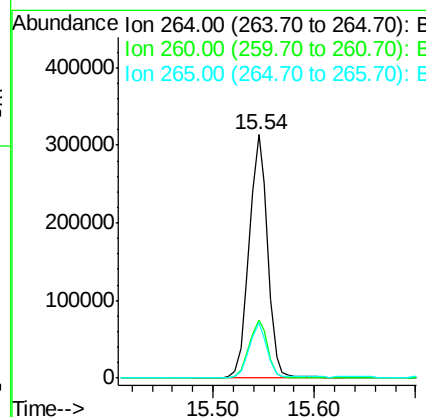
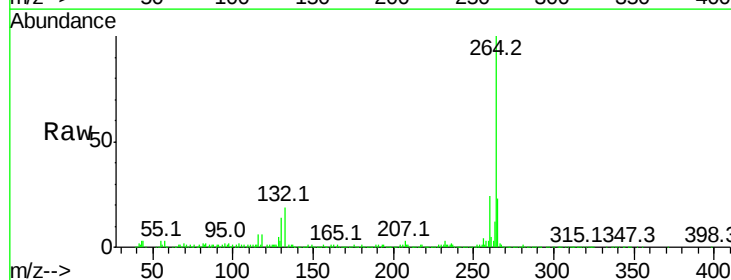
Manual Integrations
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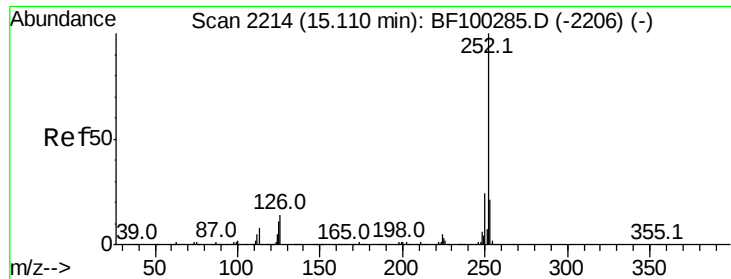
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100359.D
Acq: 9 Nov 2017 23:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.6	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.137 ng/ml
 RT: 15.11 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BF100359.D
 Acq: 9 Nov 2017 23:44

Instrument :
 BNA_F
 ClientSampleID :
 1-5-RO

Tot Ion:	252	Resp:	50130
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.0	25.6#
125	18.6	9.0	13.6#

Manual Integrations
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