

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100765.D
 Acq On : 21 Nov 2017 7:54
 Operator : SJ/JU
 Sample : I6538-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Manual Integrations
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 11/21/2017 2:17:25 PM

Quant Time: Nov 21 11:59:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	84891	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	334230	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	142070	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	234611	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	198281	20.00	ng	-0.01
86) Perylene-d12	15.50	264	154726	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	593196	112.01	ng	0.02
7) Phenol-d6	6.50	99	616404	94.39	ng	0.00
23) Nitrobenzene-d5	7.43	82	510469	100.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	186108	128.55	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1033438	110.76	ng	-0.01
78) Terphenyl-d14	12.98	244	771434	89.39	ng	0.00
Target Compounds						
31) Naphthalene	8.17	128	82077	5.098	ng	99
51) Acenaphthene	9.94	154	26282	2.925	ng	98
57) Fluorene	10.45	166	19950	2.163	ng	99
70) Phenanthrene	11.42	178	35628	2.884	ng	98

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

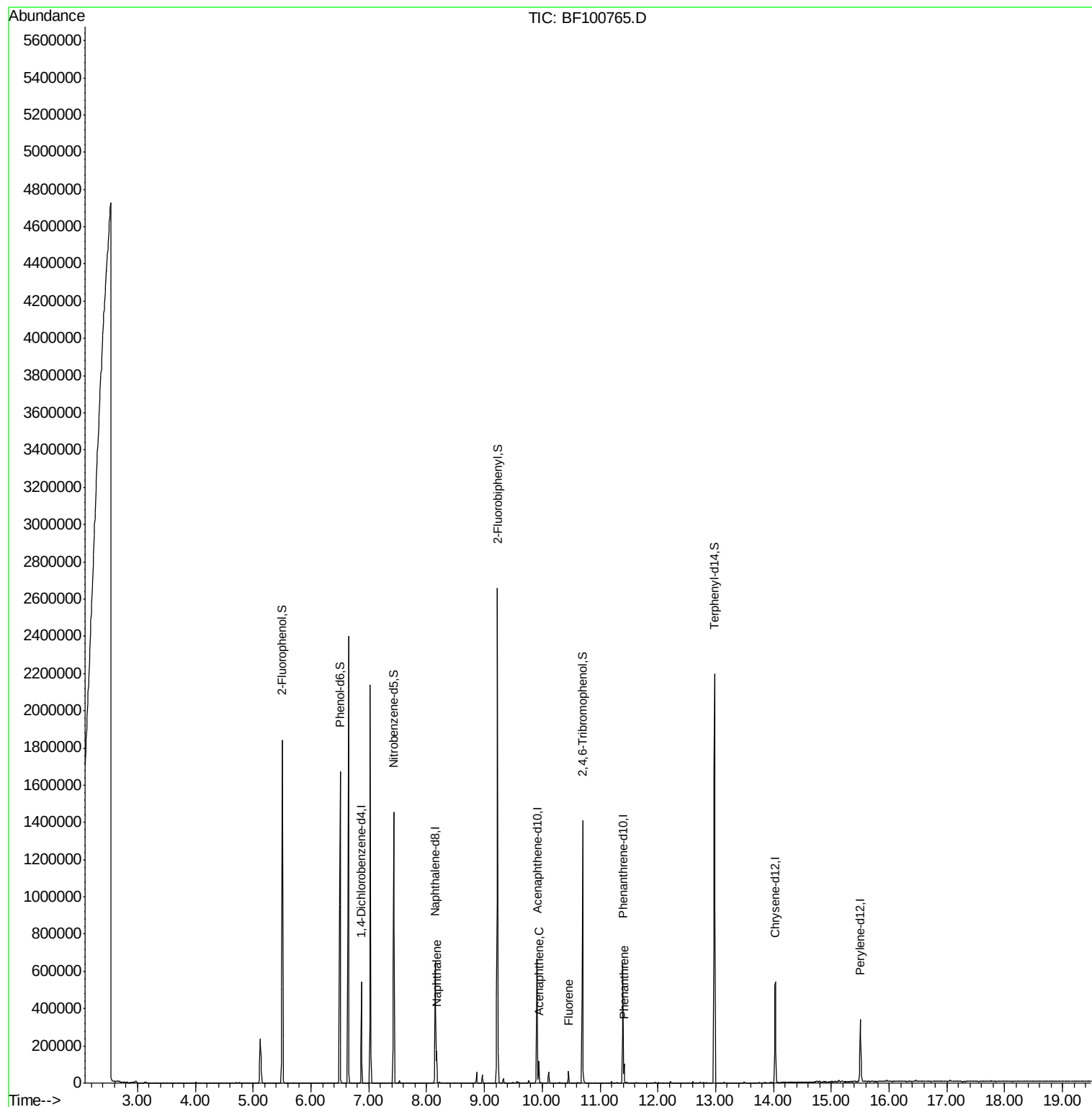
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100765.D
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ALS Vial : 31 Sample Multiplier: 1

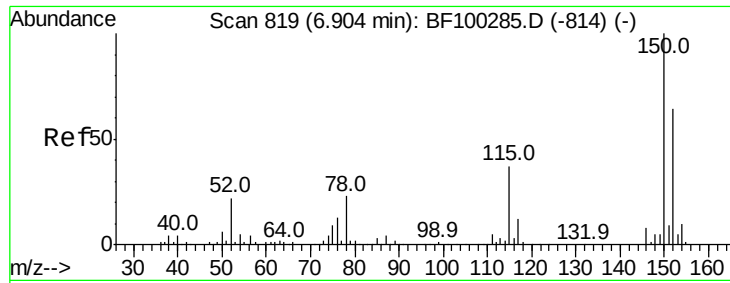
Instrument :
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#1

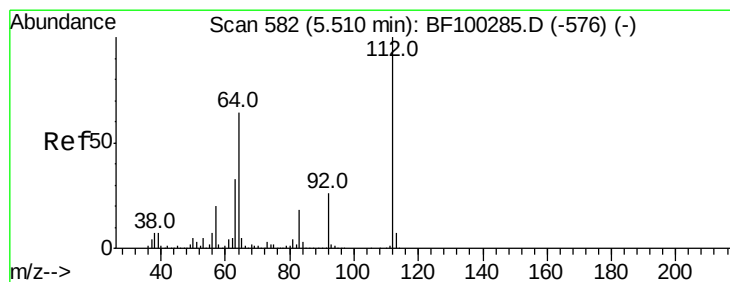
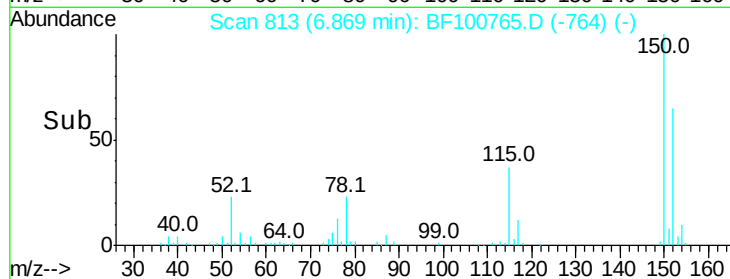
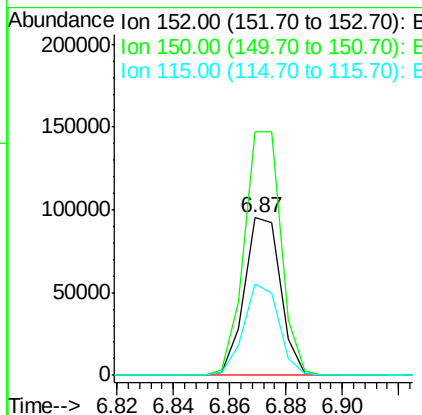
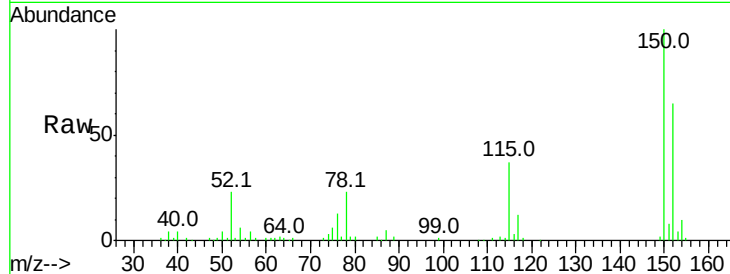
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	57.9	50.1	75.1

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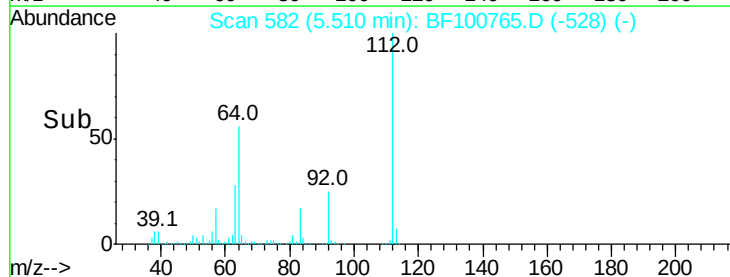
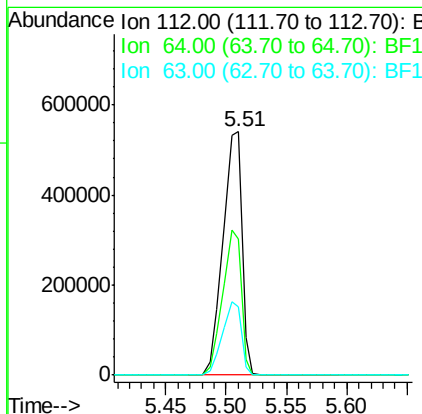
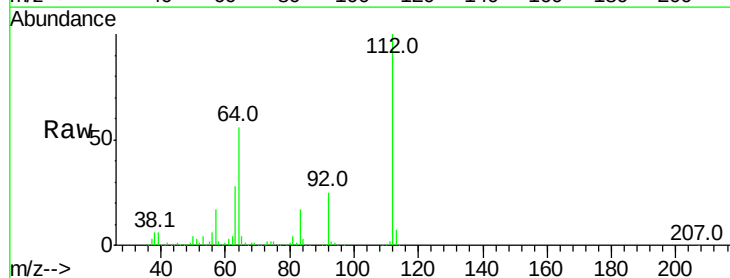
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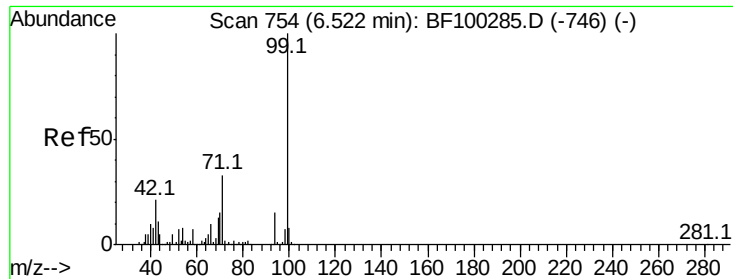


#5

2-Fluorophenol
Concen: 112.013 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	28.2	23.7	35.5





#7

Phenol-d6

Concen: 94.390 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100765.D

Acq: 21 Nov 2017 7:54

Instrument :

BNA_F

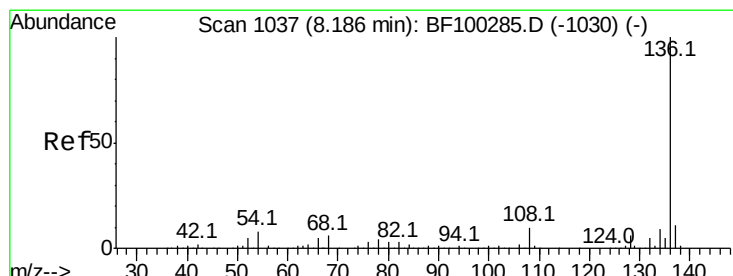
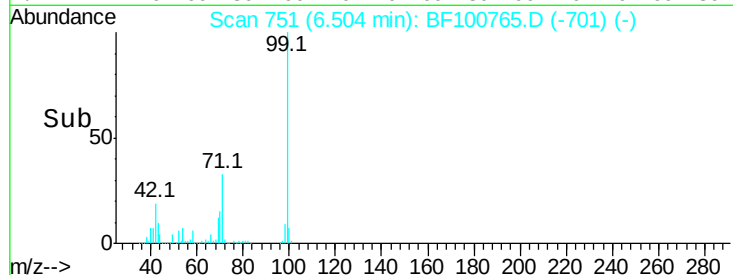
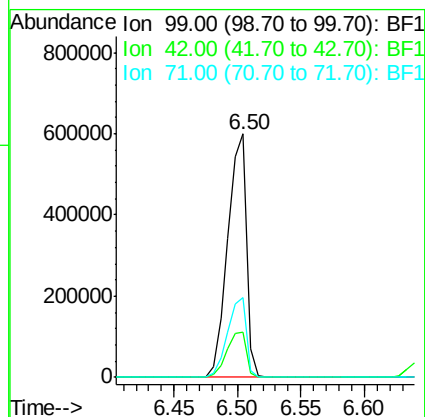
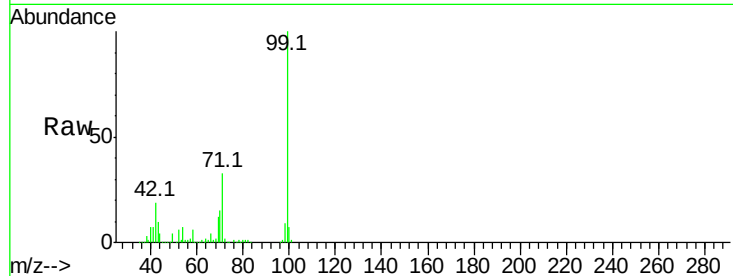
ClientSampleId :

OILY-STONES

Tot Ion:	99	Resp:	616404
Ion Ratio	Lower	Upper	
99	100		
42	18.5	14.5	21.7
71	32.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

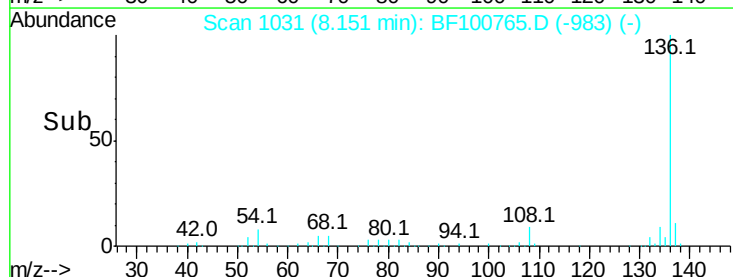
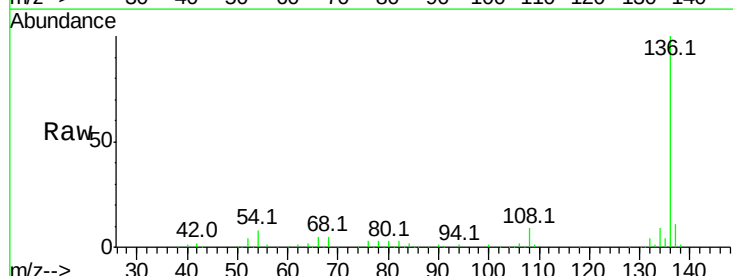
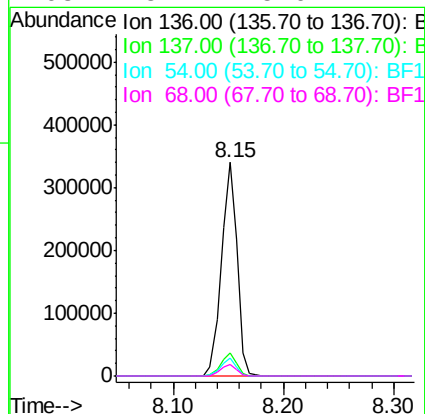
RT: 8.15 min Scan# 1031

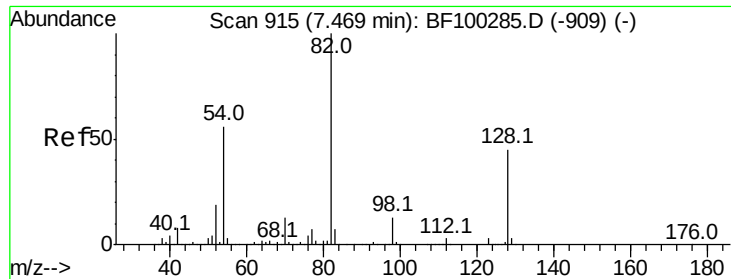
Delta R.T. -0.02 min

Lab File: BF100765.D

Acq: 21 Nov 2017 7:54

Tgt Ion:	136	Resp:	334230
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.3	6.6	9.8
68	5.4	5.0	7.4





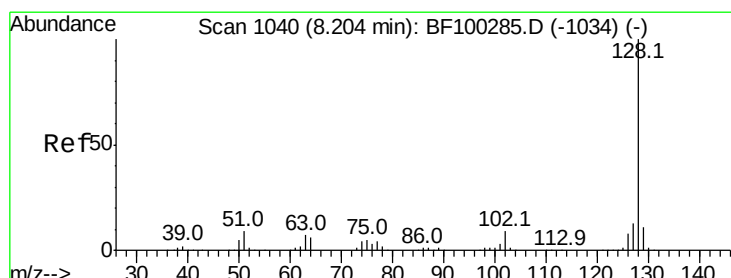
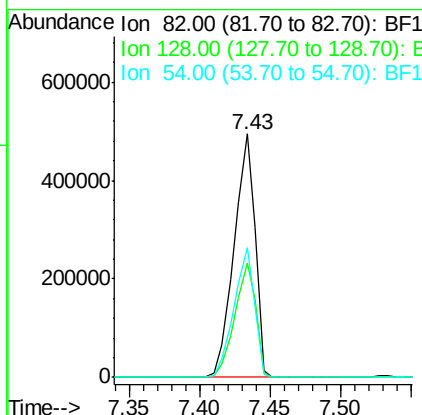
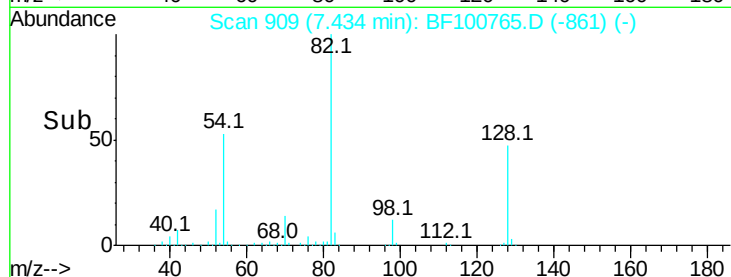
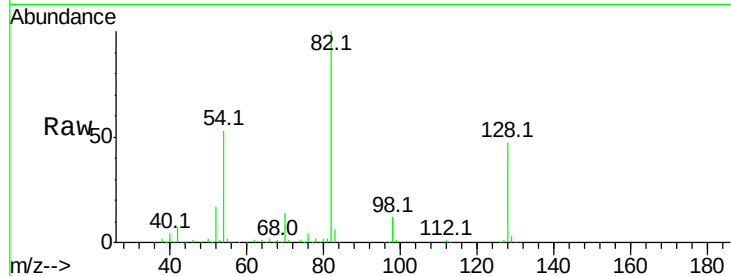
#23
 Nitrobenzene-d5
 Concen: 100.975 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100765.D
 Acq: 21 Nov 2017 7:54

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	53.0	41.4	62.2

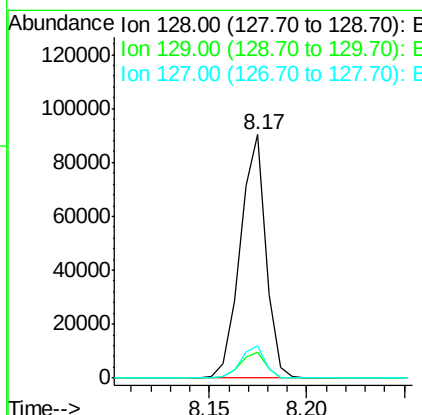
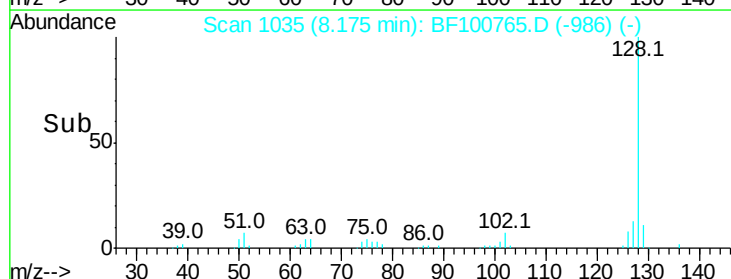
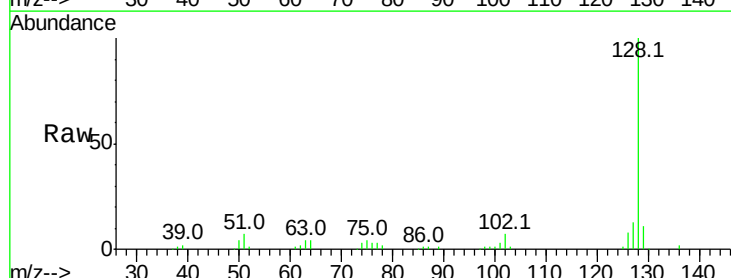
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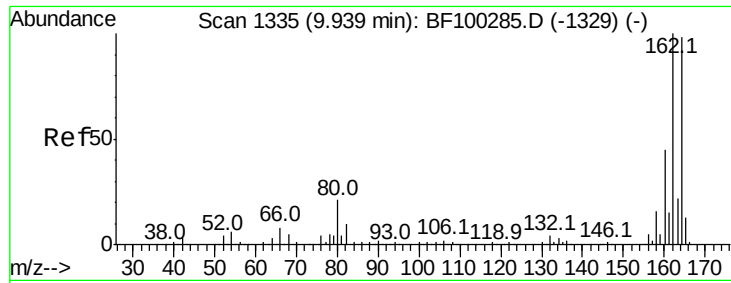
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#31
 Naphthalene
 Concen: 5.098 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF100765.D
 Acq: 21 Nov 2017 7:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.9	16.3





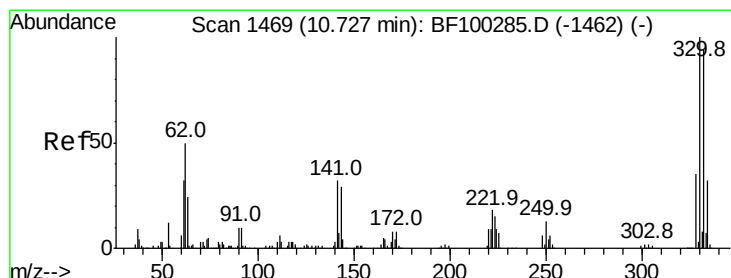
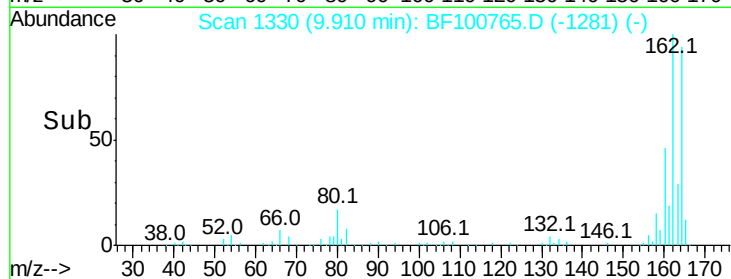
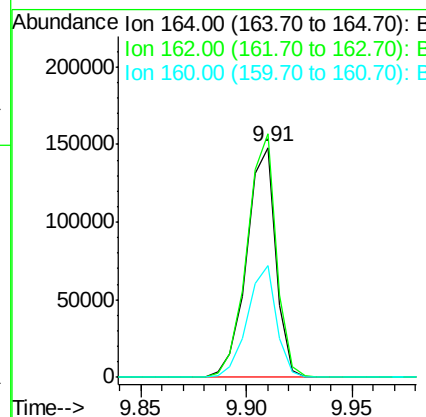
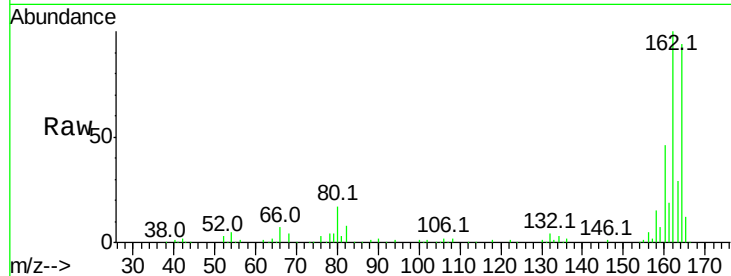
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100765.D
 Acq: 21 Nov 2017 7:54

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	48.8	38.3	57.5

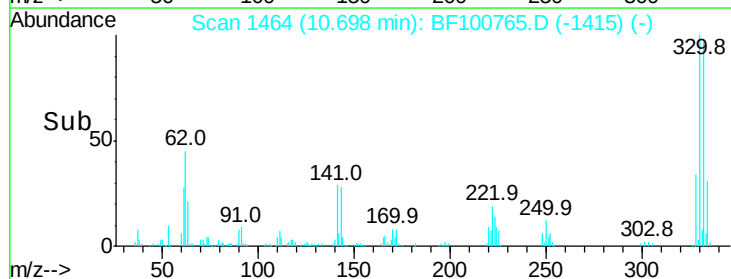
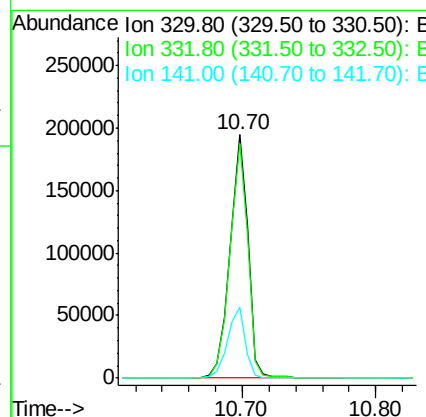
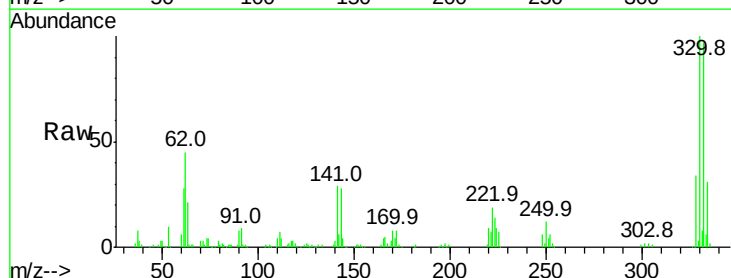
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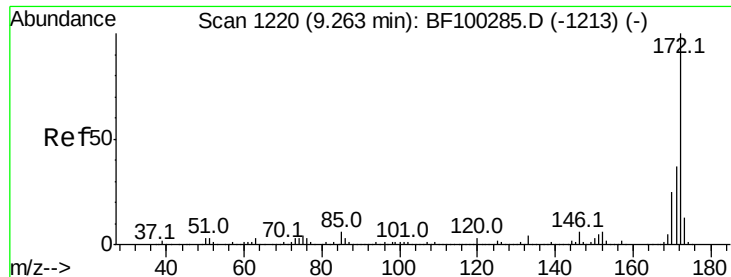
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#41
 2,4,6-Tribromophenol
 Concen: 128.555 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100765.D
 Acq: 21 Nov 2017 7:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	28.6	29.9	44.9#





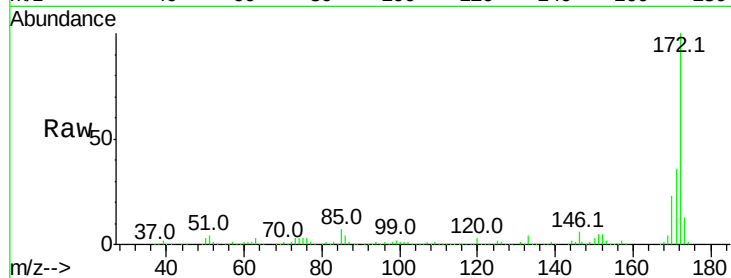
#44
2-Fluorobiphenyl
Concen: 110.764 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

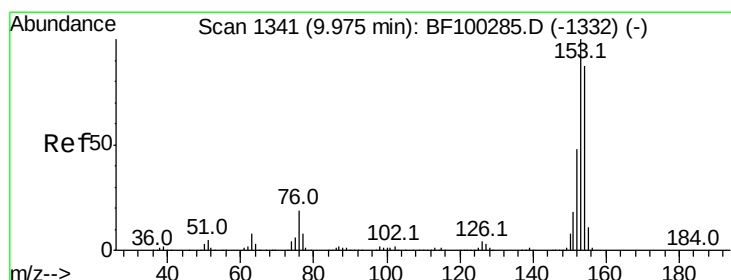
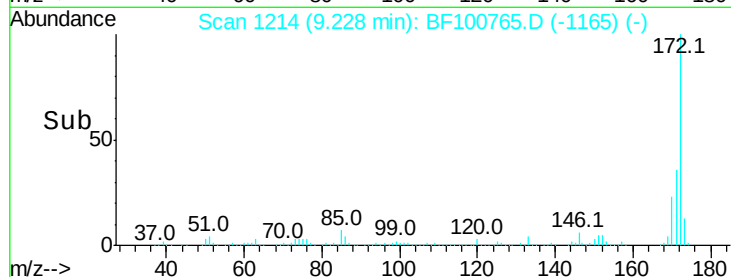
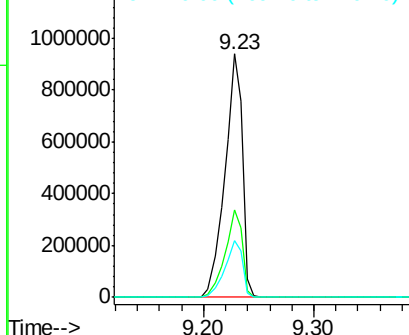
Tot Ion:172 Resp: 1033438
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.3 19.6 29.4

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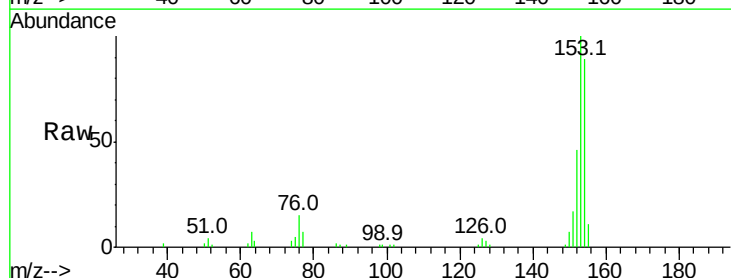


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

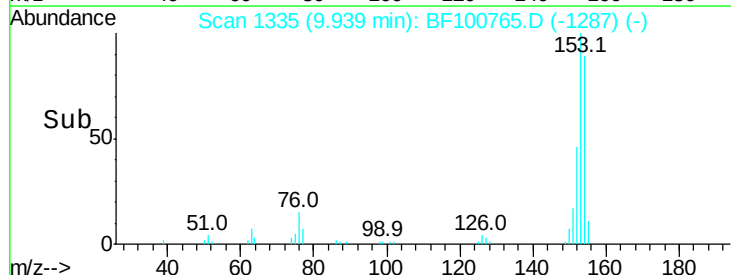
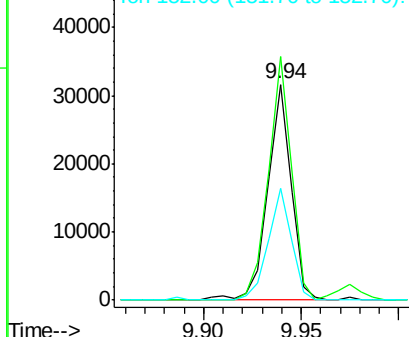


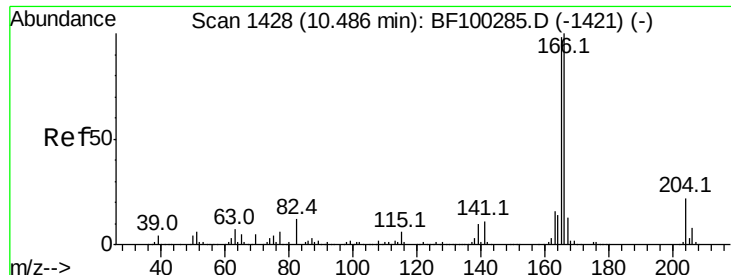
#51
Acenaphthene
Concen: 2.925 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion:154 Resp: 26282
Ion Ratio Lower Upper
154 100
153 112.9 91.2 136.8
152 52.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





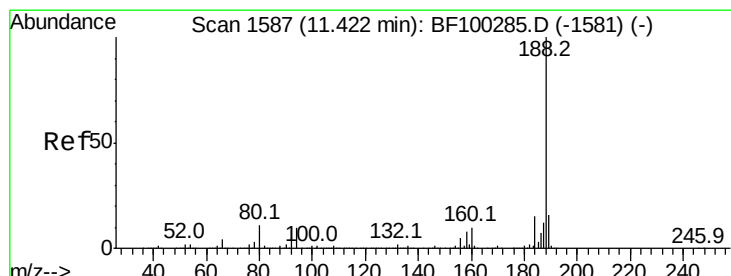
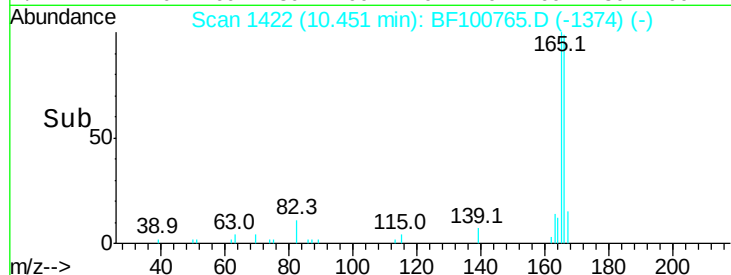
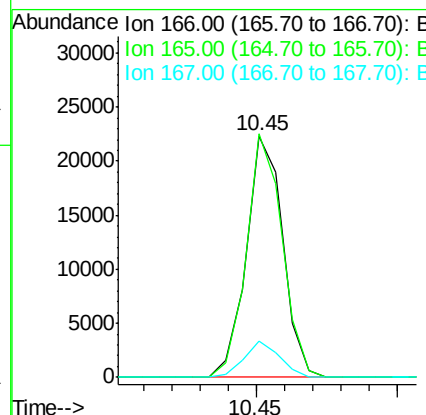
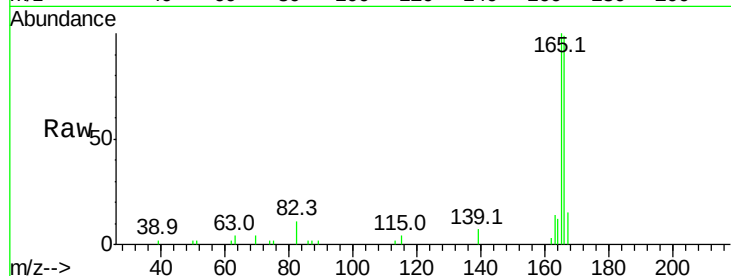
#57
Fluorene
 Concen: 2.163 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF100765.D
 Acq: 21 Nov 2017 7:54

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion	Ratio	Resp	Lower	Upper
166	100	19950		
165	100.9	79.8	119.8	
167	14.9	10.6	16.0	

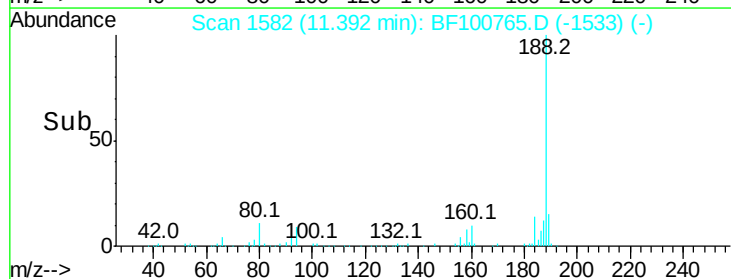
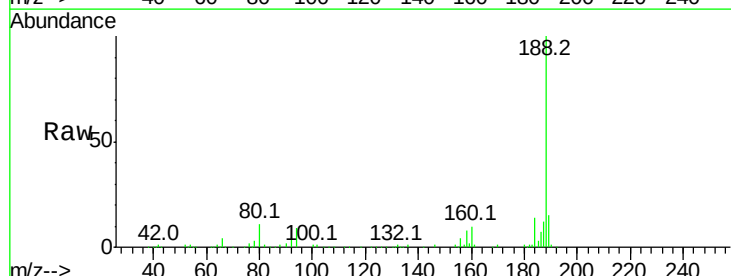
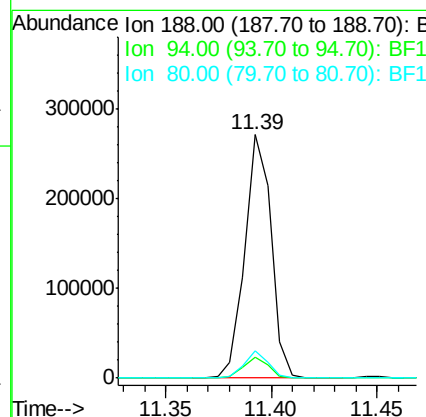
Manual Integrations
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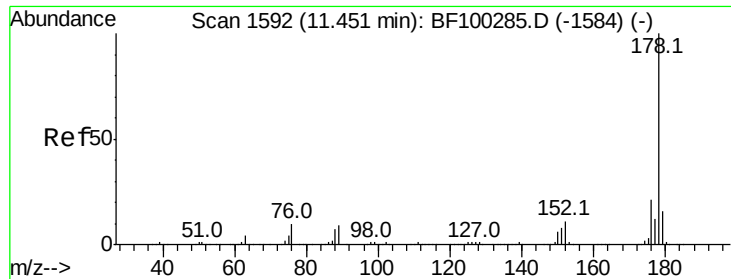
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF100765.D
 Acq: 21 Nov 2017 7:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	234611		
94	8.7	8.5	12.7	
80	11.1	9.2	13.8	





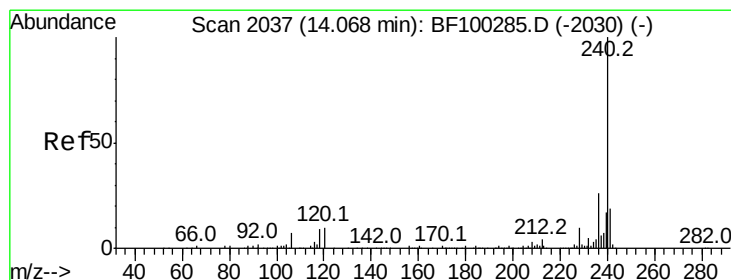
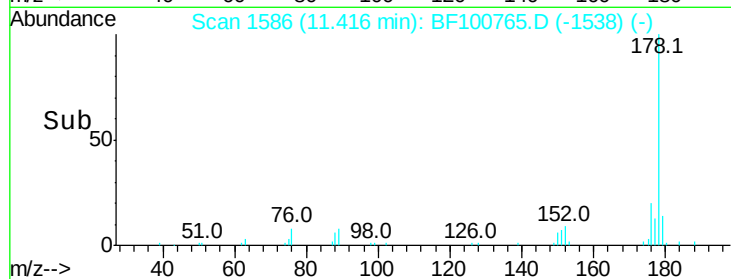
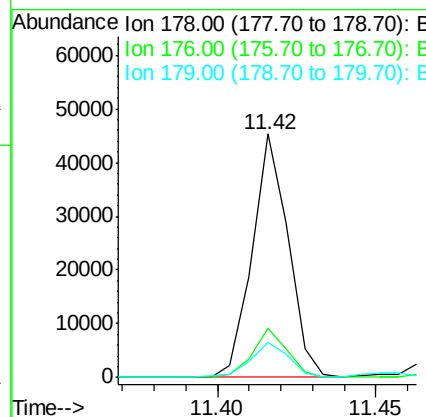
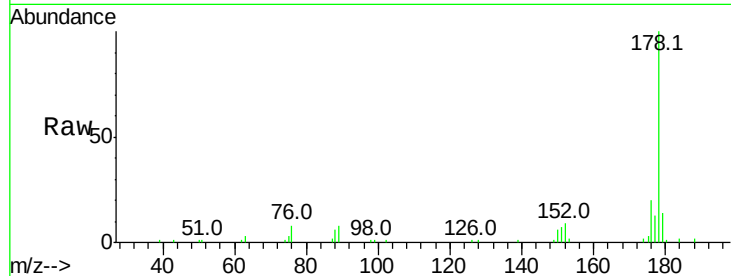
#70
Phenanthrene
Concen: 2.884 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	14.4	13.0	19.6

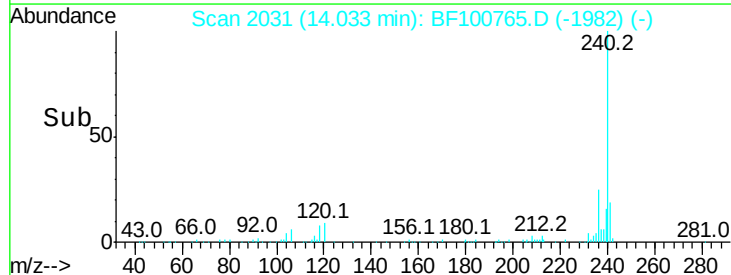
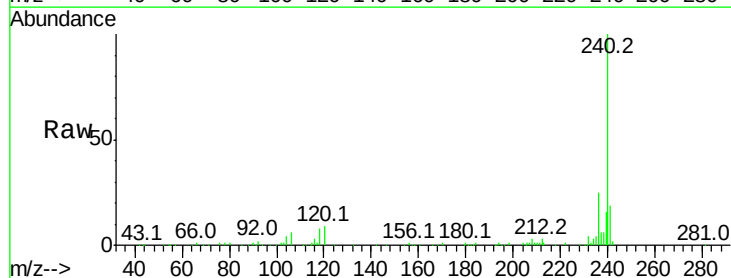
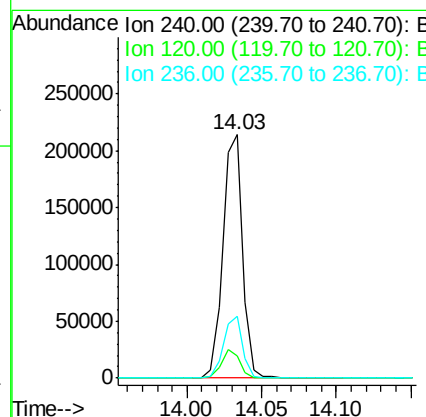
Manual Integrations
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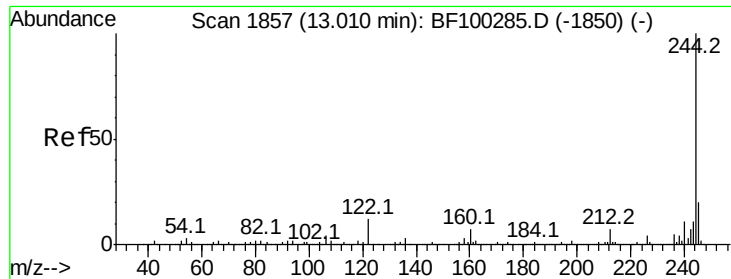
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.1	20.7	31.1





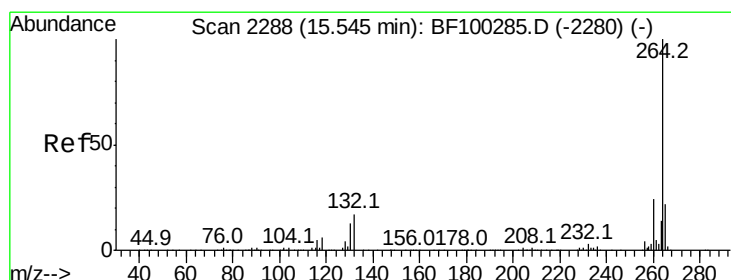
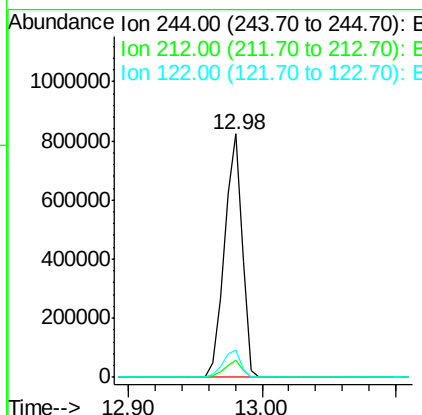
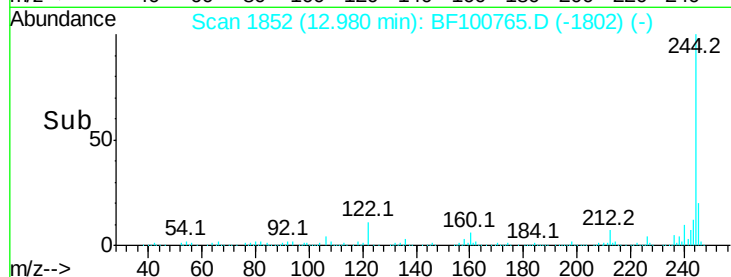
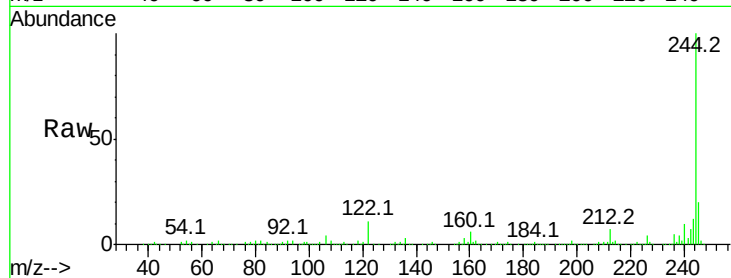
#78
 Terphenyl-d14
 Concen: 89.395 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100765.D
 Acq: 21 Nov 2017 7:54

Instrument :
 BNA_F
 ClientSampled :
 OILY-STONES

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.4	11.0	16.4

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:17:25 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF100765.D
 Acq: 21 Nov 2017 7:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3

