

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100634.D
 Acq On : 16 Nov 2017 16:53
 Operator : SJ/JU
 Sample : I6305-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-111317-B

Manual Integrations
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Quant Time: Nov 16 17:29:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 17:27:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	100109	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	362019	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	142782	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	225532	20.00	ng	0.00
75) Chrysene-d12	14.04	240	232148	20.00	ng	0.00
86) Perylene-d12	15.52	264	253730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	109987	17.61	ng	-0.01
7) Phenol-d6	6.49	99	132678	17.23	ng	-0.02
23) Nitrobenzene-d5	7.44	82	75510	13.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	16658	11.45	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	133037	14.19	ng	0.00
78) Terphenyl-d14	12.98	244	88531	8.76	ng	-0.01
Target Compounds						
70) Phenanthrene	11.43	178	53312	4.490	ng	97
74) Fluoranthene	12.62	202	94145	7.481	ng	94
77) Pyrene	12.85	202	85221	5.150	ng	97
80) Benzo(a)anthracene	14.03	228	51507	3.684	ng	96
82) Chrysene	14.06	228	45684	3.375	ng	97
87) Benzo(b)fluoranthene	15.08	252	60343m	4.014	ng	
89) Benzo(a)pyrene	15.45	252	41989	3.151	ng	93

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

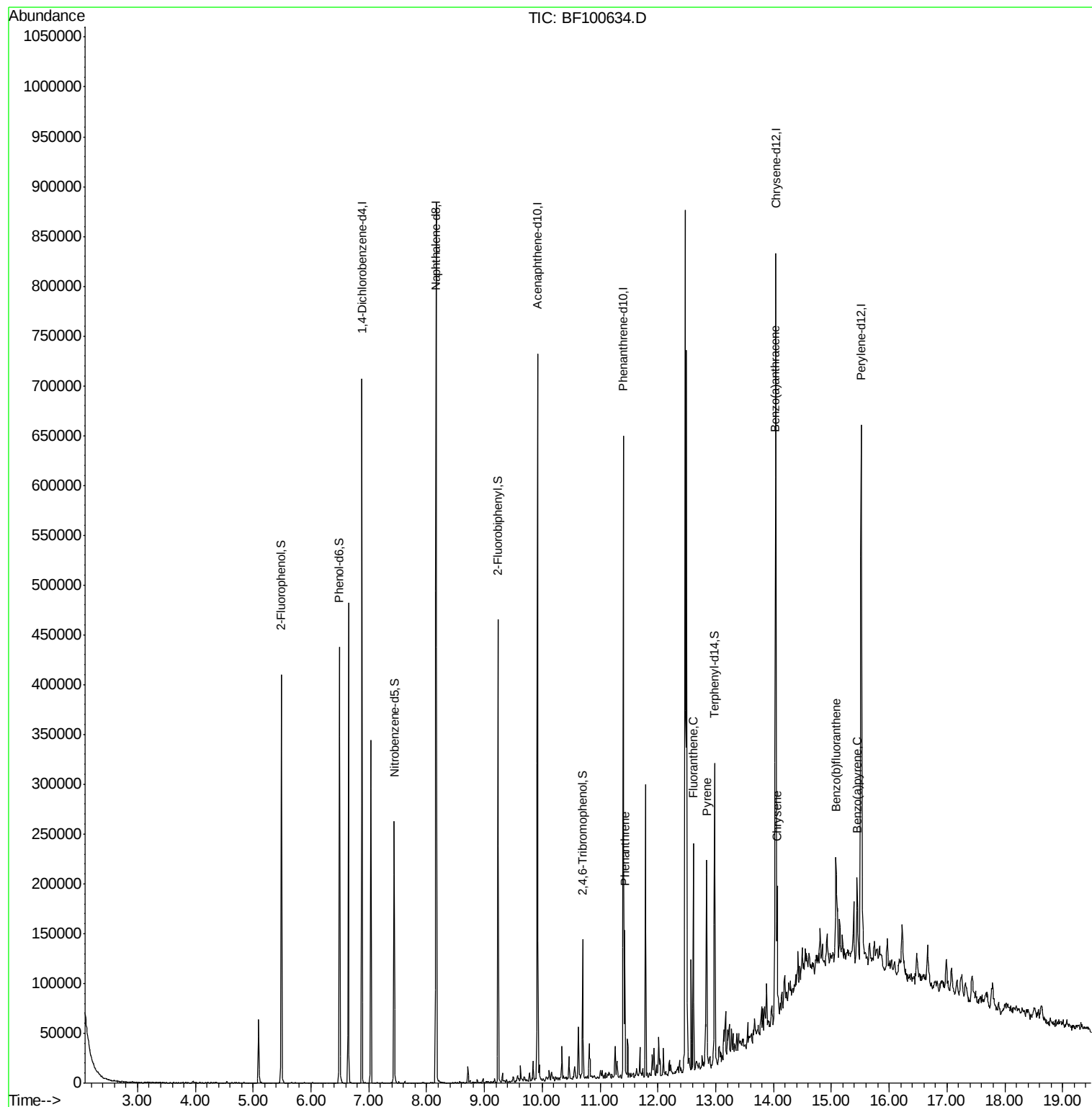
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

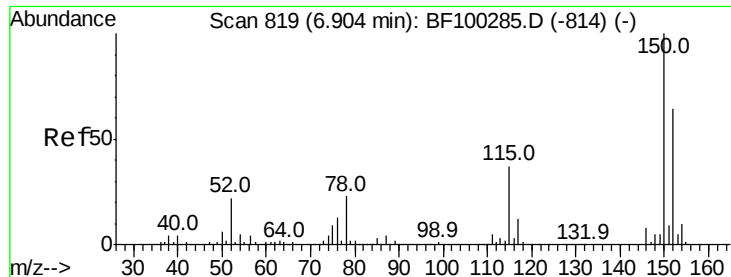
Instrument :
BNA_F
ClientSampleId :
PL-01-111317-B

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#1

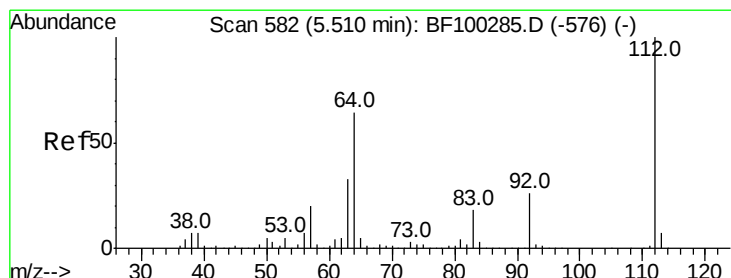
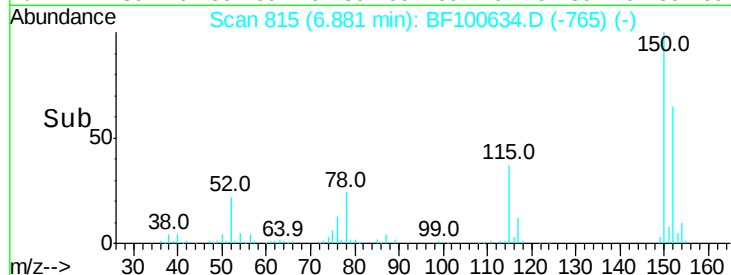
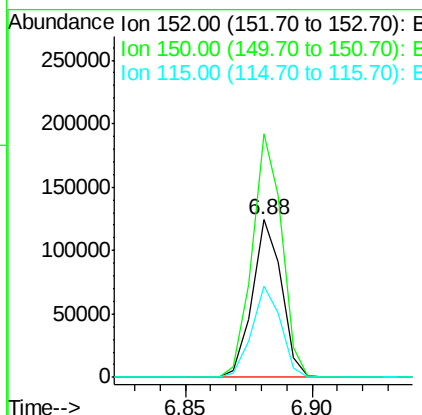
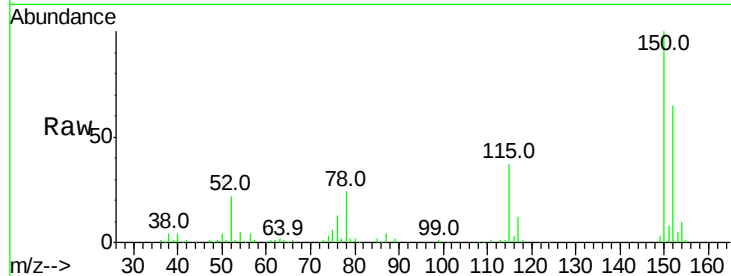
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100634.D
Acq: 16 Nov 2017 16:53

Instrument :
BNA_F
ClientSampled :
PL-01-111317-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	58.1	50.1	75.1

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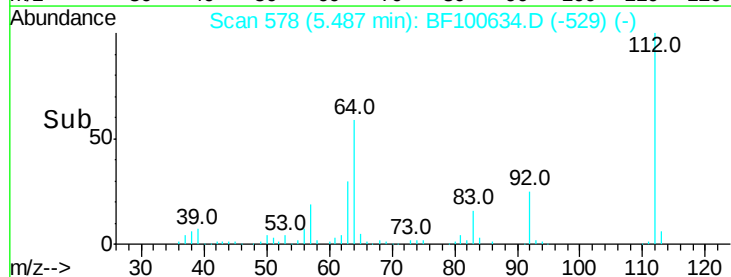
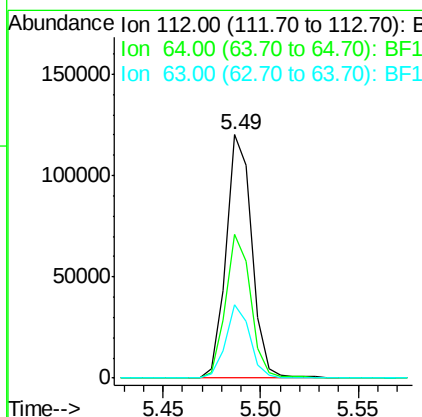
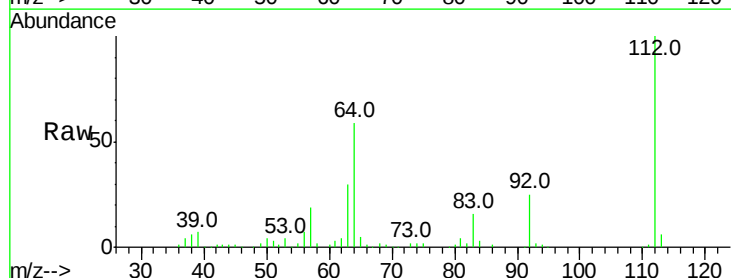
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#5

2-Fluorophenol
Concen: 17.612 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100634.D
Acq: 16 Nov 2017 16:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 17.228 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100634.D

Acq: 16 Nov 2017 16:53

Instrument :

BNA_F

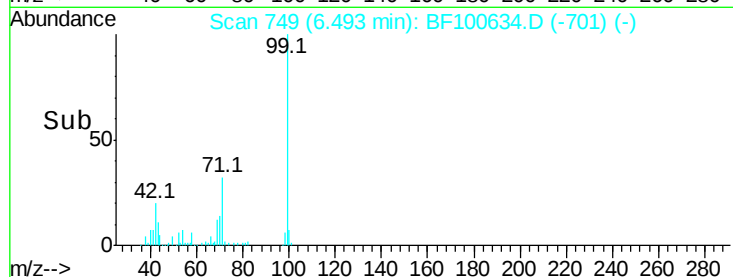
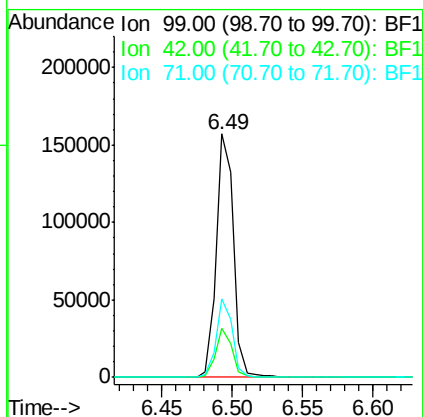
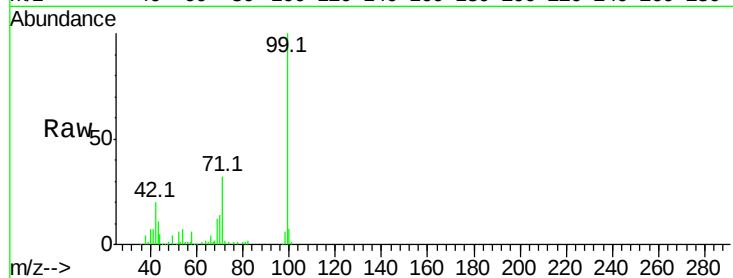
ClientSampleId :

PL-01-111317-B

Tot Ion:	99	Resp:	132678
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.5	21.7
71	32.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

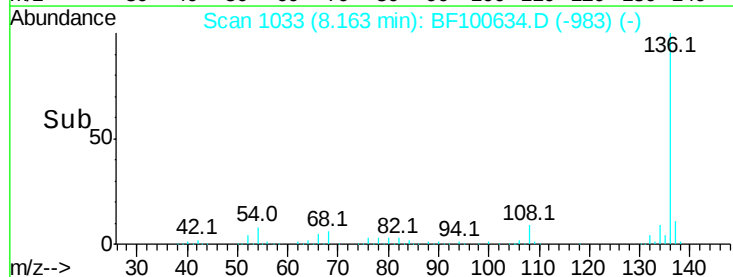
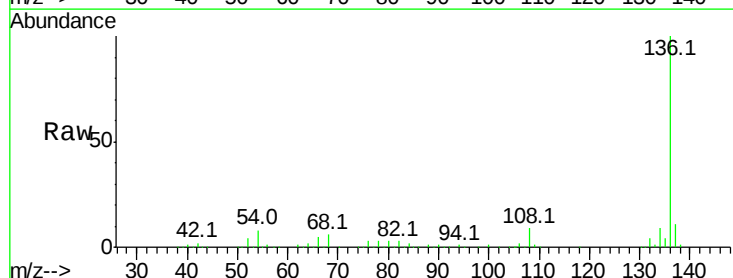
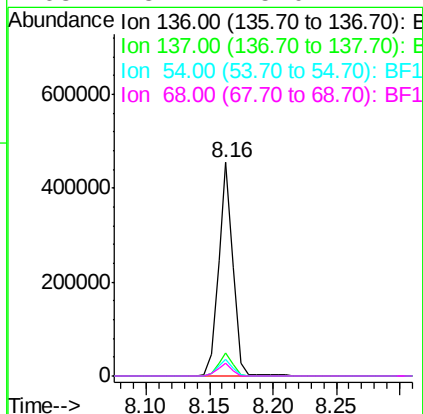
RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100634.D

Acq: 16 Nov 2017 16:53

Tgt Ion:	136	Resp:	362019
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.1	6.6	9.8
68	5.7	5.0	7.4





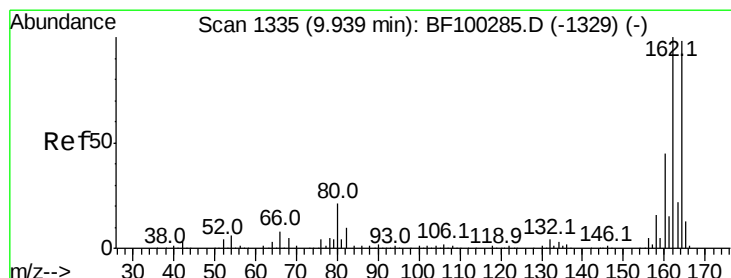
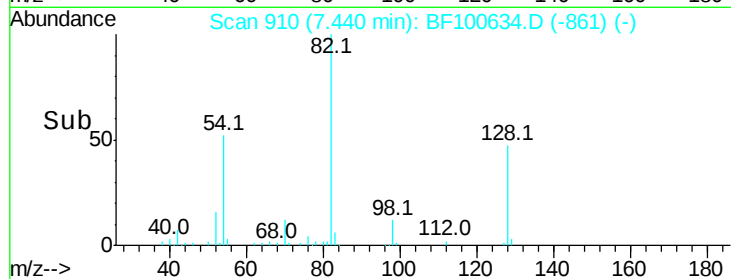
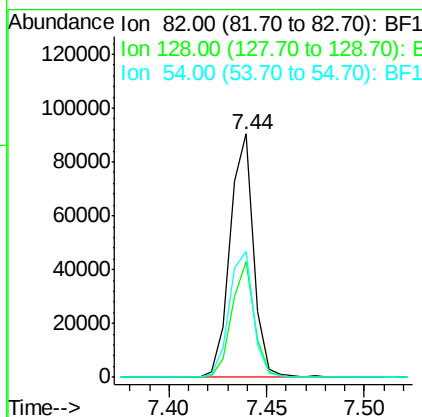
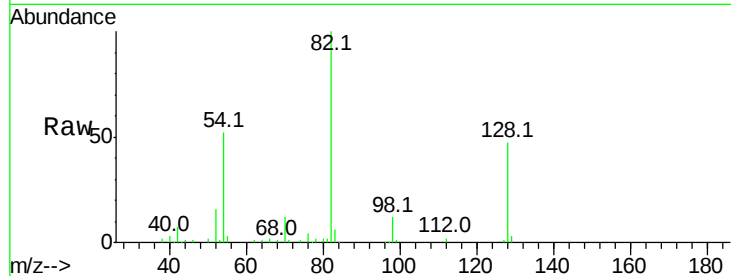
#23
Nitrobenzene-d5
Concen: 13.790 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100634.D
Acq: 16 Nov 2017 16:53

Instrument :
BNA_F
ClientSampleId :
PL-01-111317-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	51.7	41.4	62.2

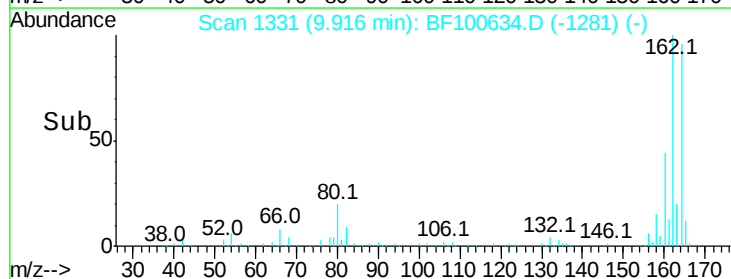
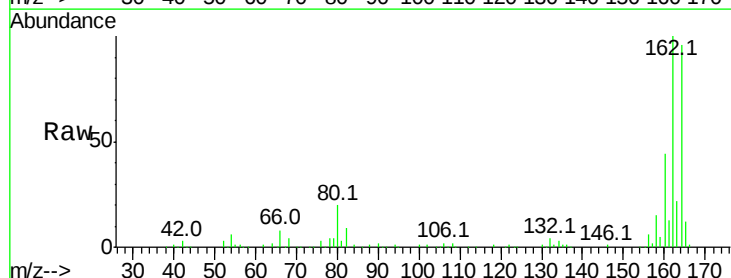
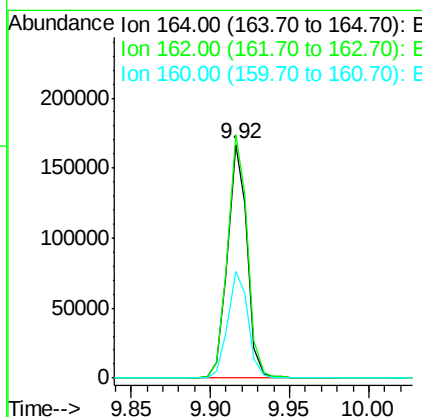
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100634.D
Acq: 16 Nov 2017 16:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	45.9	38.3	57.5





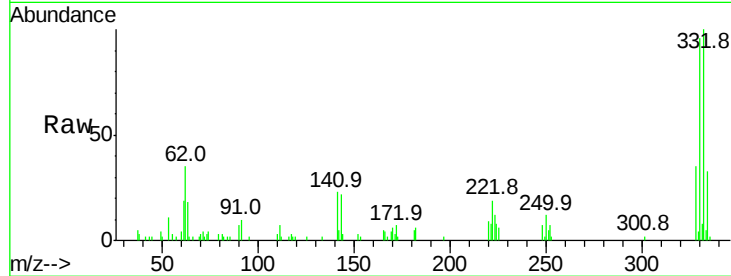
#41
 2,4,6-Tribromophenol
 Concen: 11.449 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100634.D
 Acq: 16 Nov 2017 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-111317-B

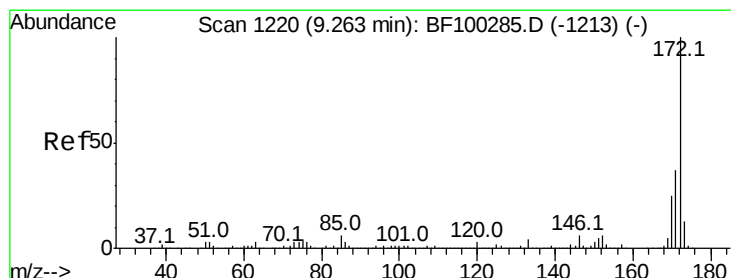
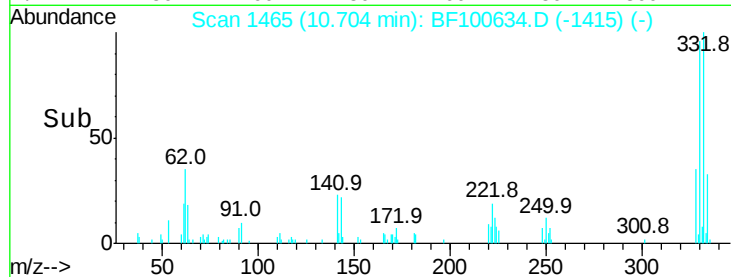
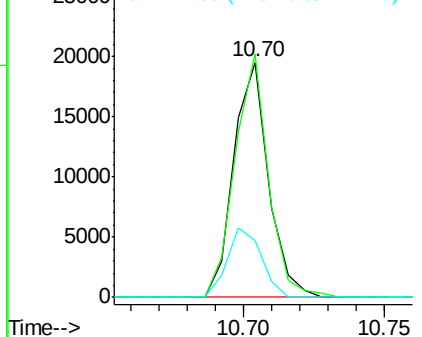
Tot Ion	Ratio	Resp	Lower	Upper
330	100	16658		
332	99.9	77.0	115.6	
141	28.7	29.9	44.9#	

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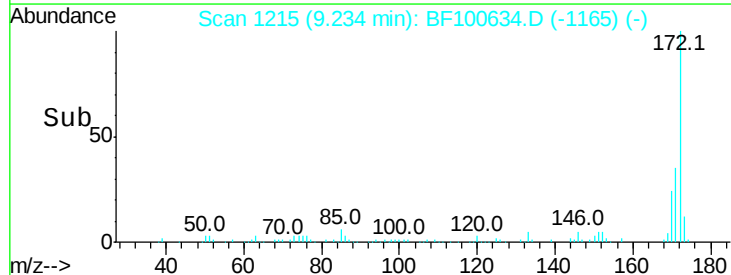
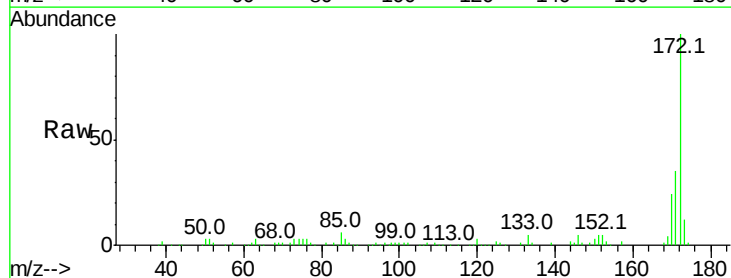
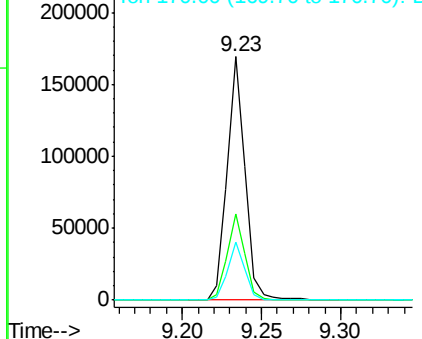
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 14.188 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100634.D
 Acq: 16 Nov 2017 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	133037		
171	35.3	29.7	44.5	
170	23.8	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





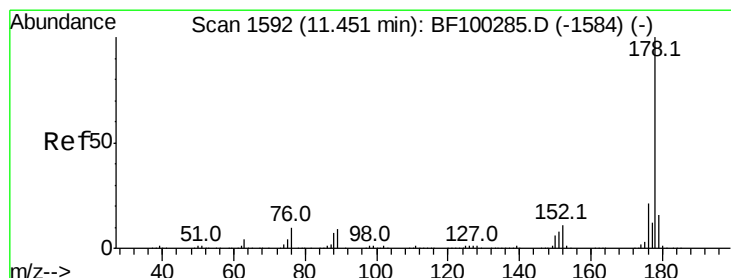
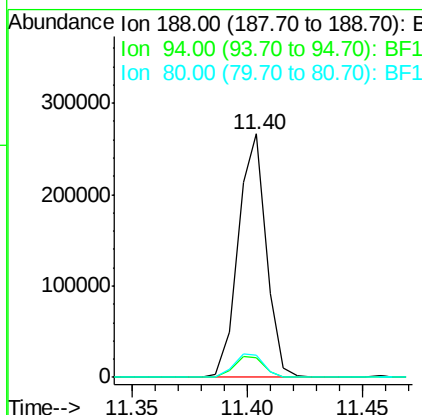
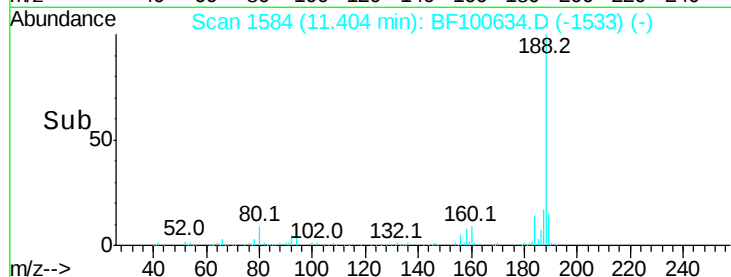
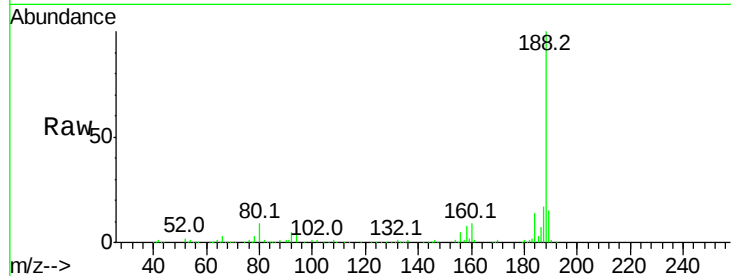
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100634.D
Acq: 16 Nov 2017 16:53

Instrument :
BNA_F
ClientSampleId :
PL-01-111317-B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.0	9.2	13.8#

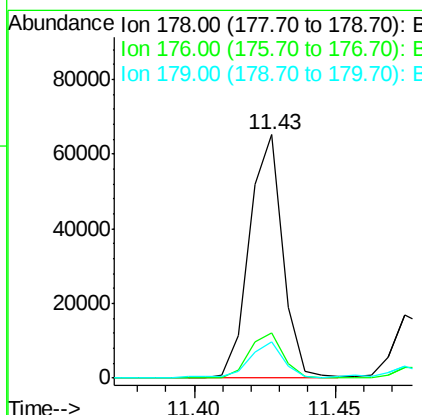
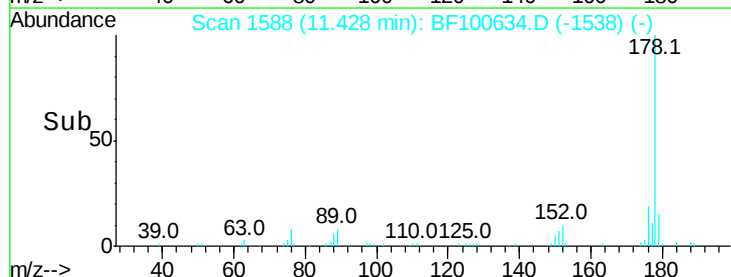
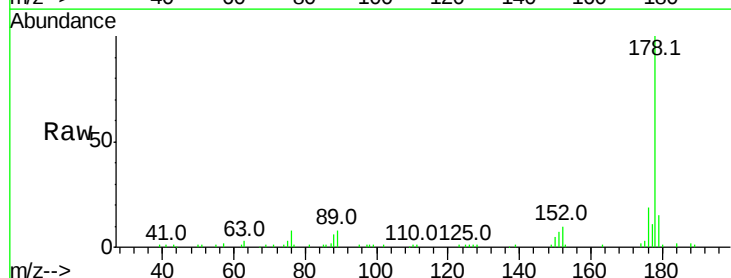
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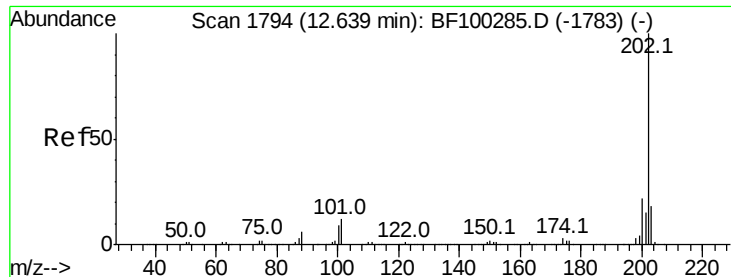
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#70
Phenanthrene
Concen: 4.490 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF100634.D
Acq: 16 Nov 2017 16:53

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.9	13.0	19.6





#74

Fluoranthene

Concen: 7.481 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF100634.D

Acq: 16 Nov 2017 16:53

Instrument :

BNA_F

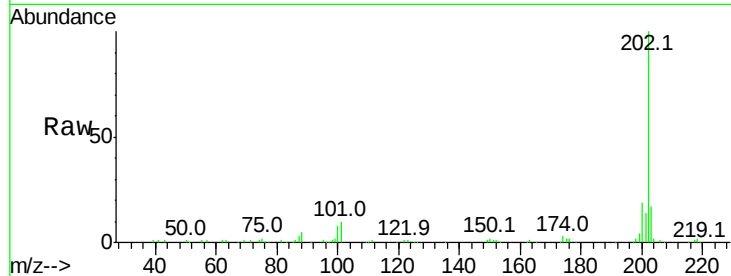
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PL-01-111317-B

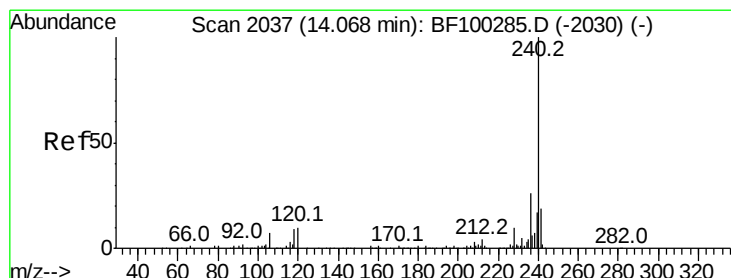
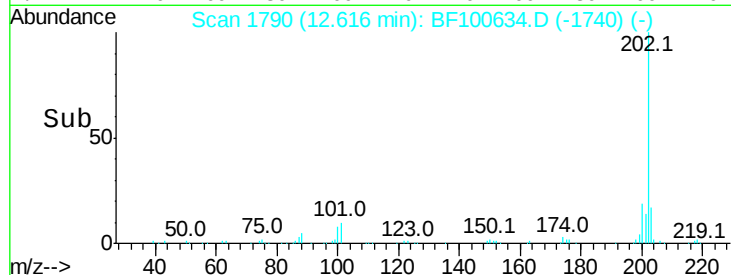
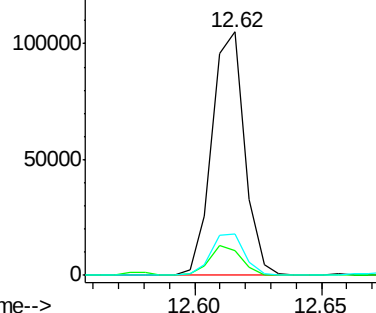
Tot Ion:	202	Resp:	94145
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	34.1
203	17.0	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

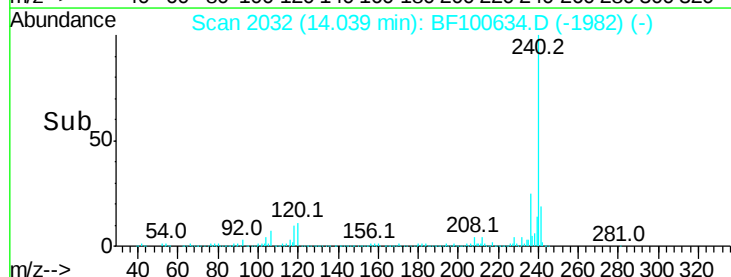
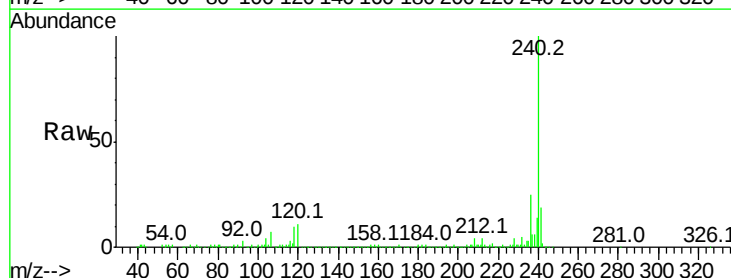
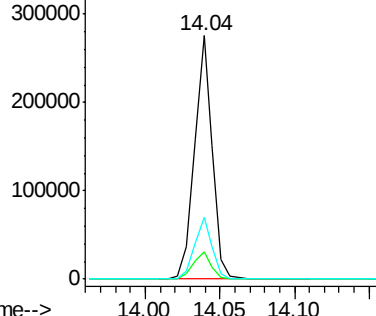
Delta R.T. -0.01 min

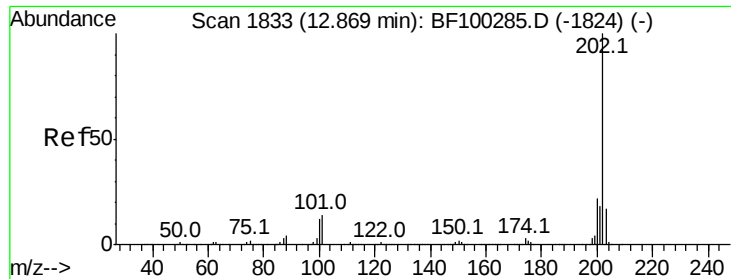
Lab File: BF100634.D

Acq: 16 Nov 2017 16:53

Tgt Ion:	240	Resp:	232148
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.5	14.3
236	25.2	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





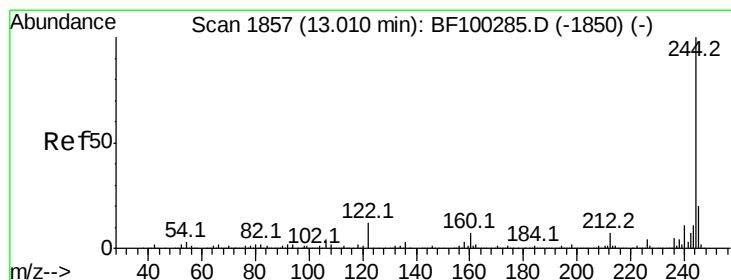
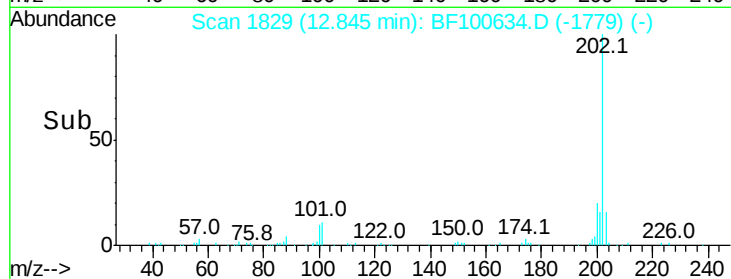
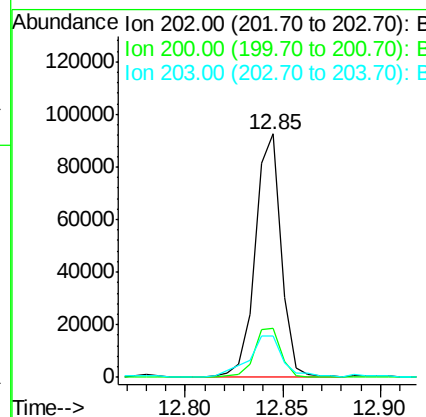
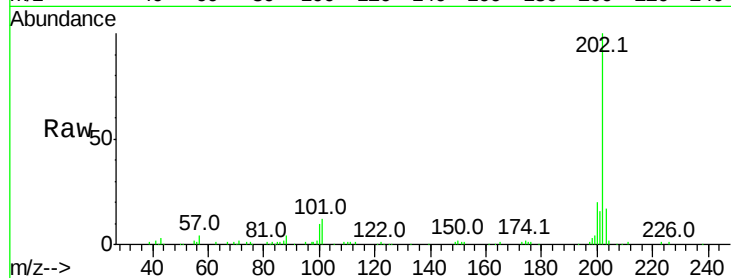
#77
Pvrene
Concen: 5.150 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF100634.D
Acq: 16 Nov 2017 16:53

Instrument :
BNA_F
ClientSampleId :
PL-01-111317-B

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

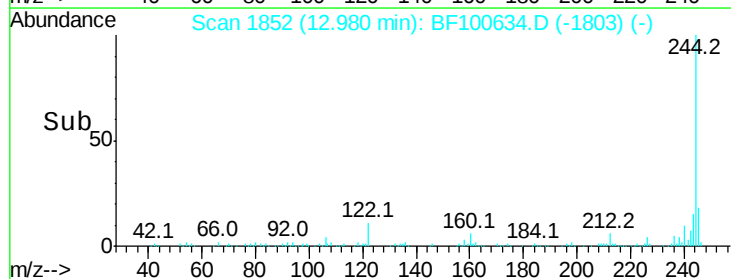
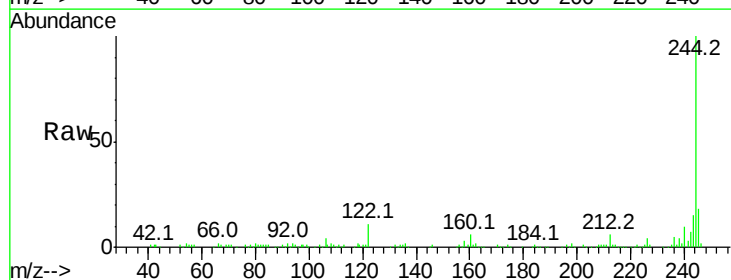
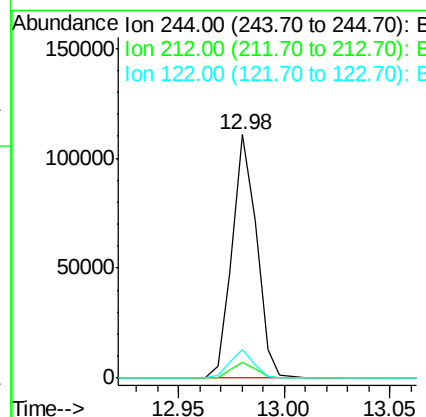
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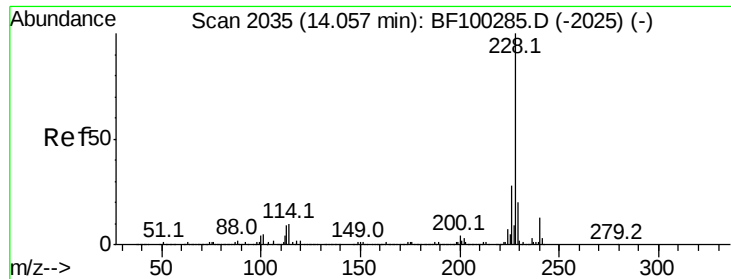
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#78
Terphenyl-d14
Concen: 8.762 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100634.D
Acq: 16 Nov 2017 16:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	11.5	11.0	16.4





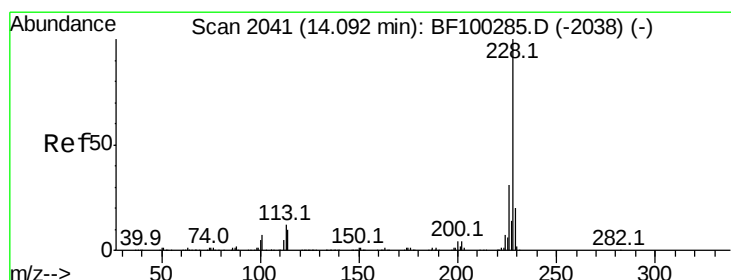
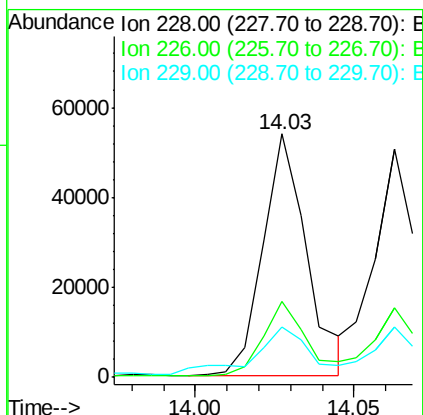
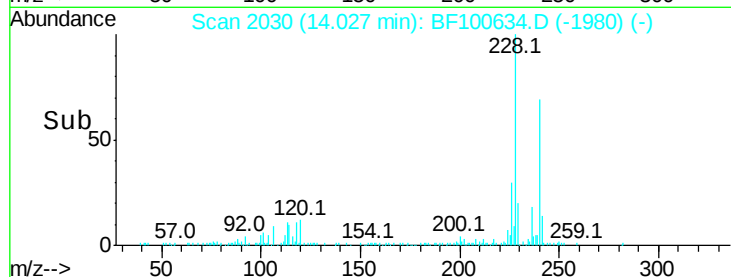
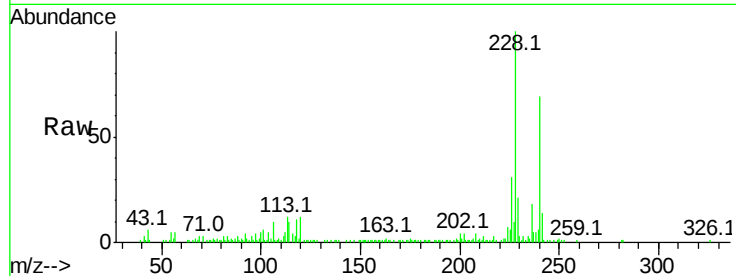
#80
Benzo(a)anthracene
Concen: 3.684 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100634.D
Acq: 16 Nov 2017 16:53

Instrument :
BNA_F
ClientSampleId :
PL-01-111317-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	20.5	15.8	23.6

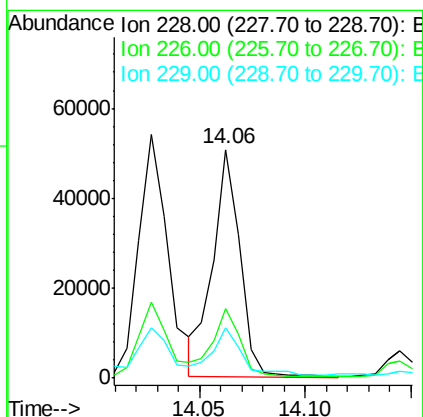
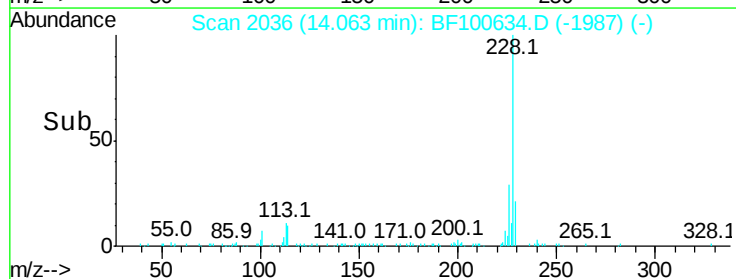
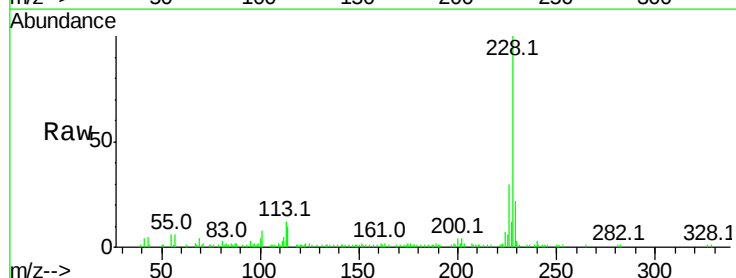
Manual Integrations
APPROVED

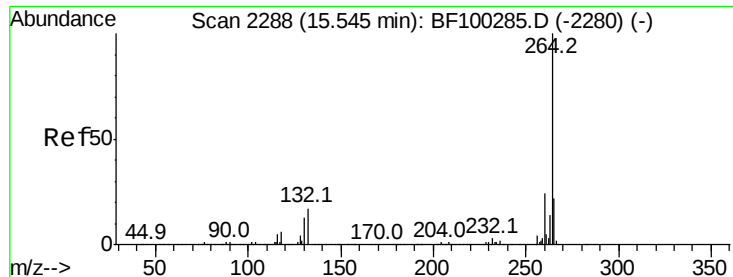
SOHIL
11/17/2017 1:24:57 PM



#82
Chrysene
Concen: 3.375 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100634.D
Acq: 16 Nov 2017 16:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.2	16.2	24.4





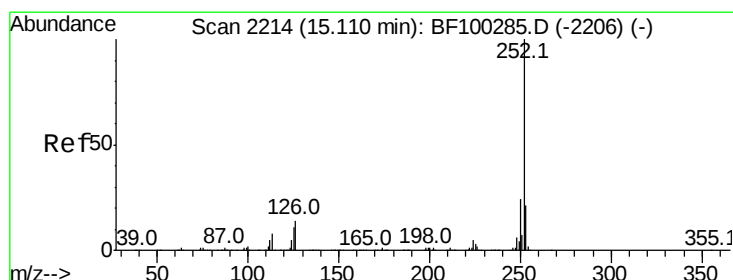
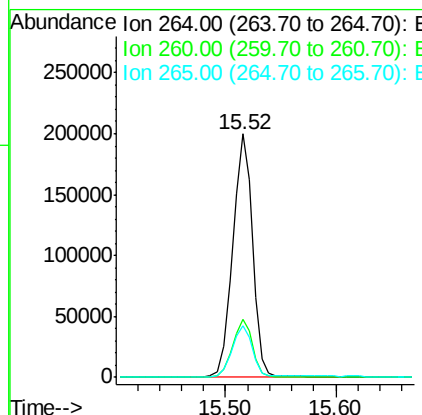
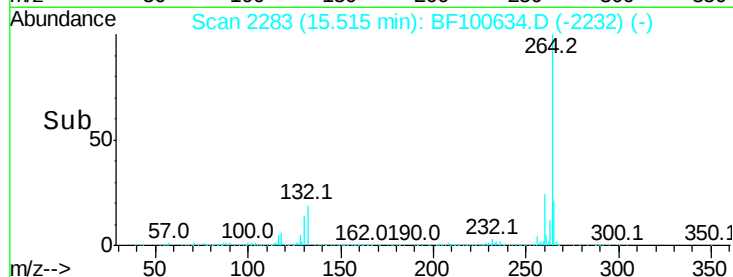
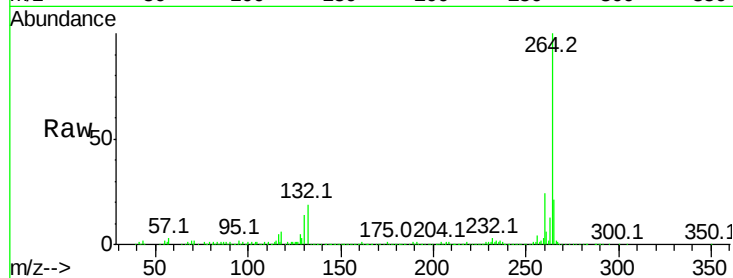
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF100634.D
Acq: 16 Nov 2017 16:53

Instrument :
BNA_F
ClientSampleId :
PL-01-111317-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.5	26.3

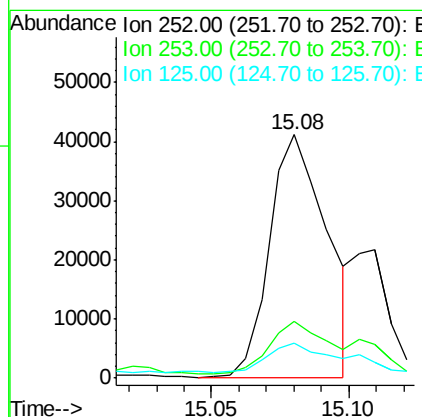
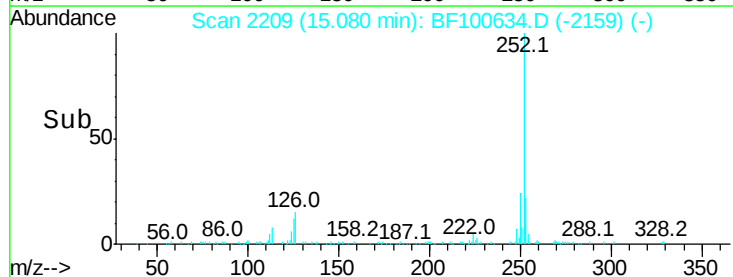
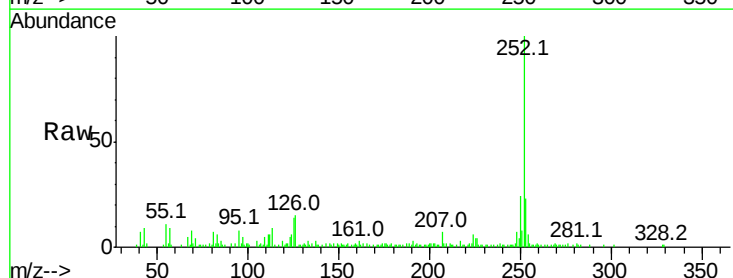
Manual Integrations
APPROVED

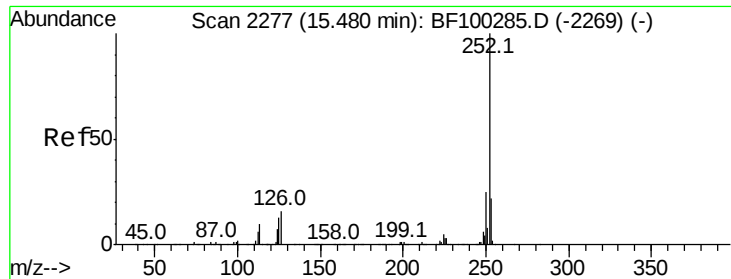
SOHIL
11/17/2017 1:24:57 PM



#87
Benzo(b)fluoranthene
Concen: 4.014 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100634.D
Acq: 16 Nov 2017 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	14.4	9.0	13.6





#89
 Benzo(a)pyrene
 Concen: 3.151 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF100634.D
 Acq: 16 Nov 2017 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-111317-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	13.8	9.8	14.6

Manual Integrations
 APPROVED

SOHIL
 11/17/2017 1:24:57 PM

