

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100984.D
 Acq On : 29 Nov 2017 18:05
 Operator : SJ/JU
 Sample : I6302-07 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-112817-A

Manual Integrations
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Quant Time: Nov 30 06:41:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	84850	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	321588	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	137730	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	216009	20.00	ng	0.00
75) Chrysene-d12	14.02	240	168836	20.00	ng	0.00
86) Perylene-d12	15.49	264	131691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	86801	16.40	ng	-0.01
7) Phenol-d6	6.47	99	105176	16.11	ng	-0.02
23) Nitrobenzene-d5	7.41	82	61024	12.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	24999	17.81	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	147901	16.35	ng	-0.01
78) Terphenyl-d14	12.96	244	101137	13.76	ng	0.00
Target Compounds						
70) Phenanthrene	11.40	178	53493	4.703	ng	98
74) Fluoranthene	12.59	202	65918	5.469	ng	96
77) Pyrene	12.82	202	52909	4.396	ng	99
80) Benzo(a)anthracene	14.01	228	28043	2.758	ng	95
82) Chrysene	14.05	228	24976	2.537	ng	97
87) Benzo(b)fluoranthene	15.06	252	26603m	3.410	ng	
89) Benzo(a)pyrene	15.43	252	15494	2.240	ng	# 82

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

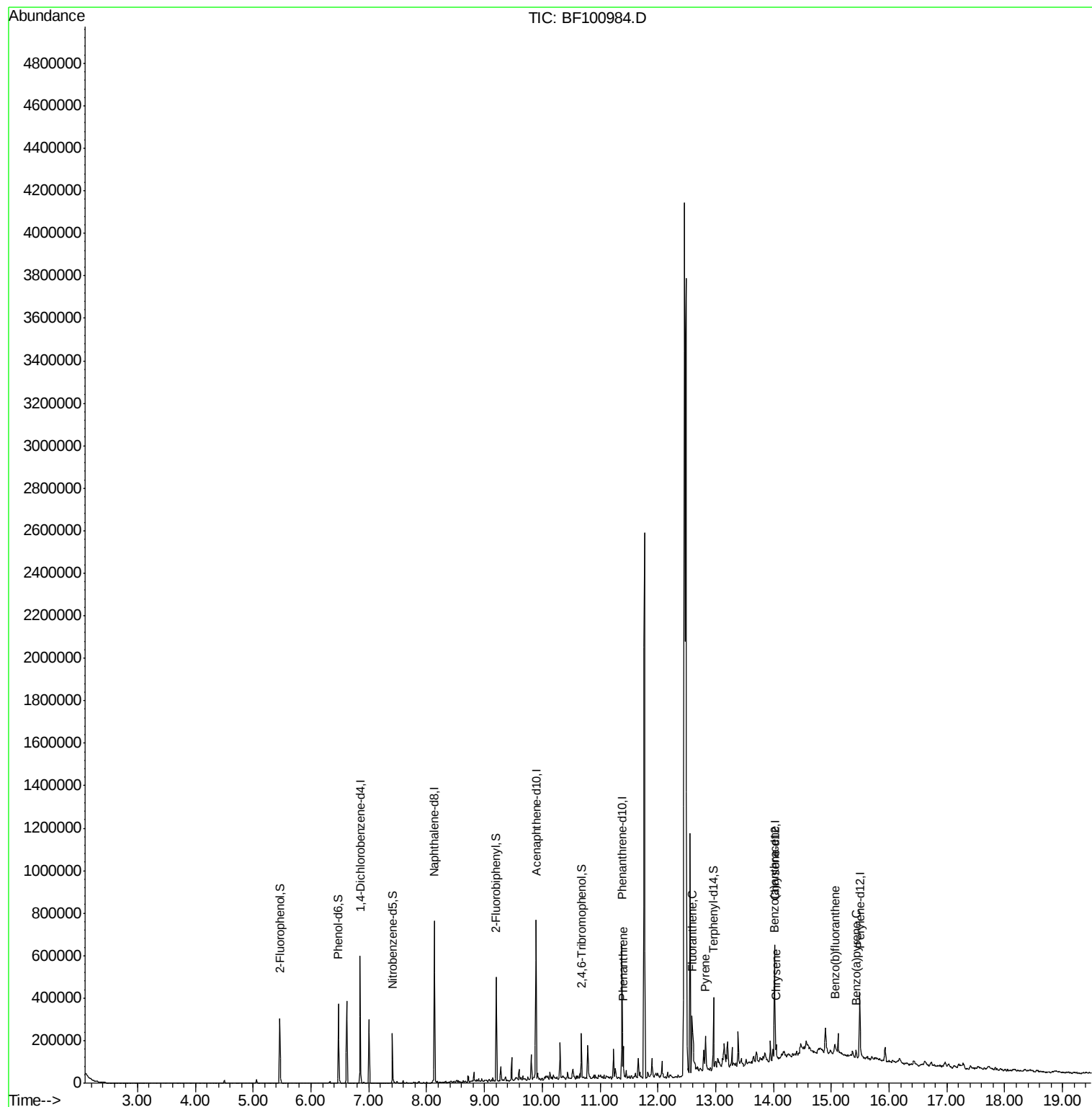
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100984.D
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Sample : I6302-07 5X
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#1

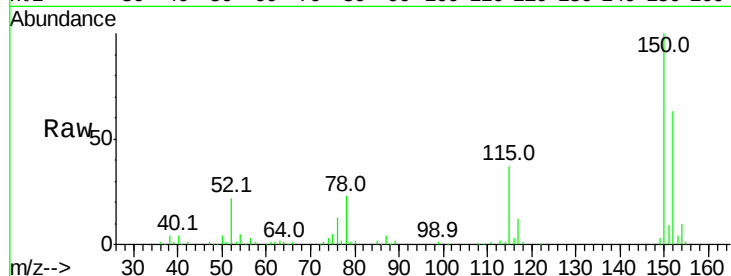
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100984.D
Acq: 29 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	58.7	50.1	75.1

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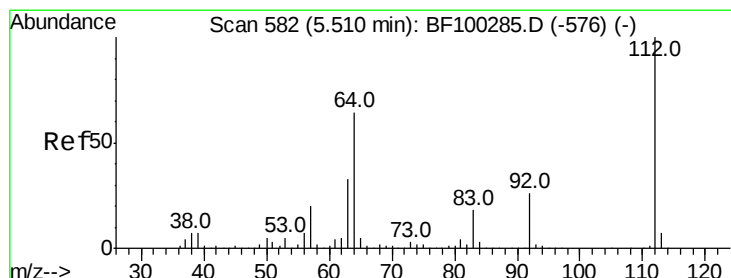
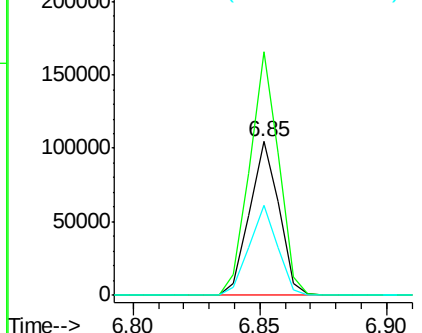
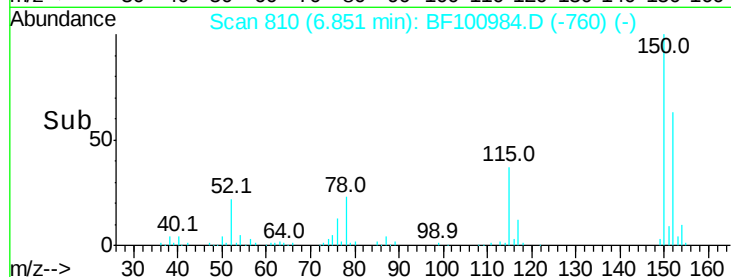


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

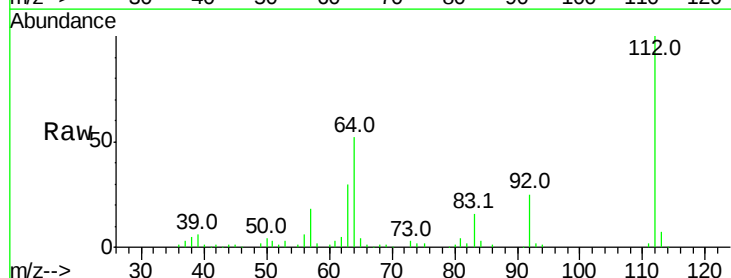
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 16.398 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100984.D
Acq: 29 Nov 2017 18:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	29.7	23.7	35.5

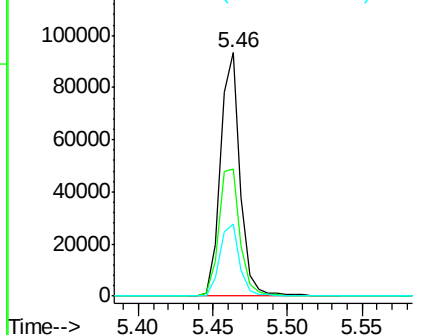
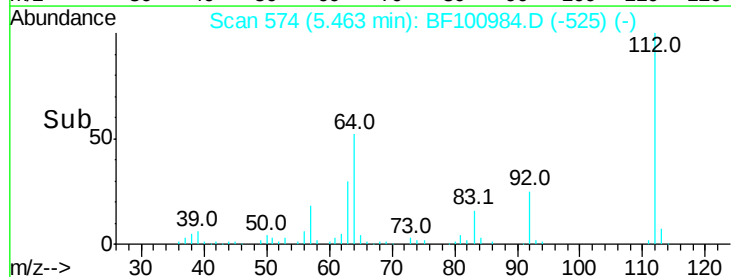


Abundance

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: 16.113 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF100984.D

Acq: 29 Nov 2017 18:05

Instrument :

BNA_F

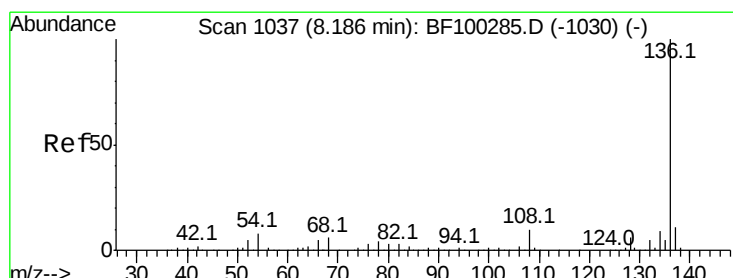
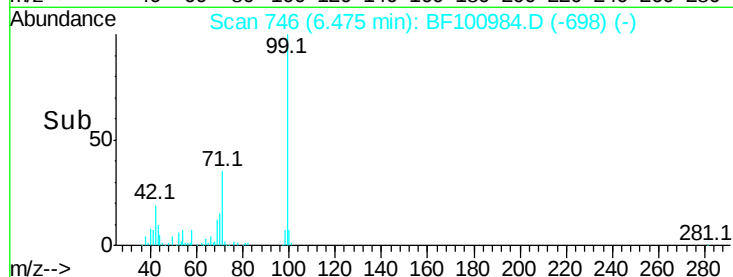
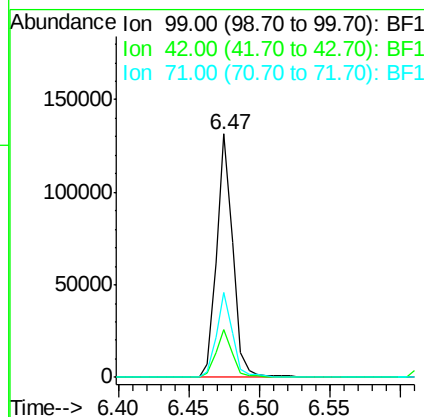
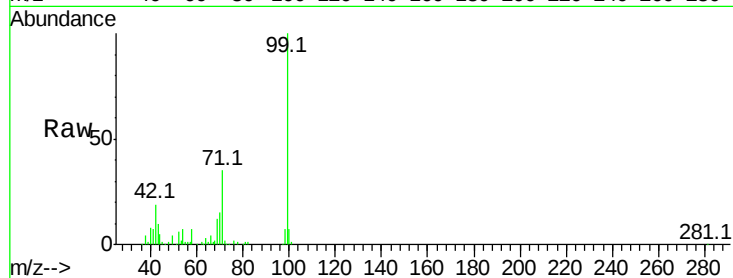
ClientSampleId :

HR-06-112817-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		105176		
42	19.4	14.5	21.7		
71	34.8	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

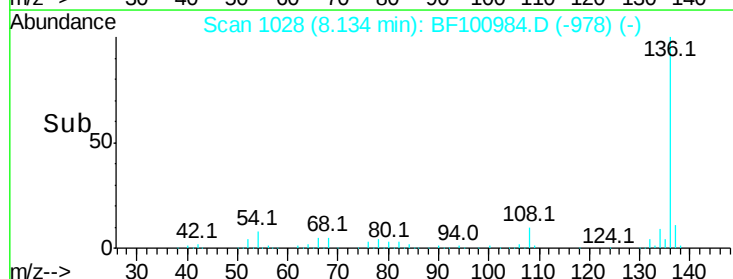
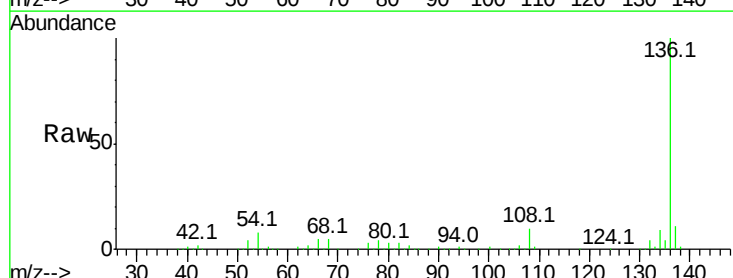
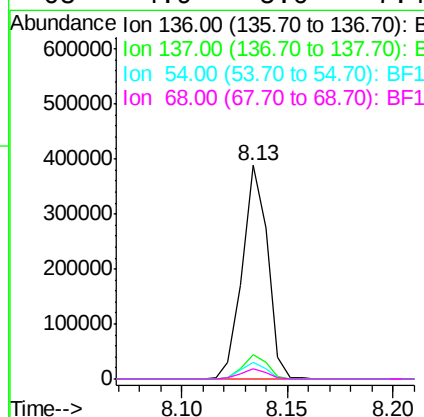
RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF100984.D

Acq: 29 Nov 2017 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		321588		
137	11.1	8.9	13.3		
54	8.1	6.6	9.8		
68	4.9	5.0	7.4		





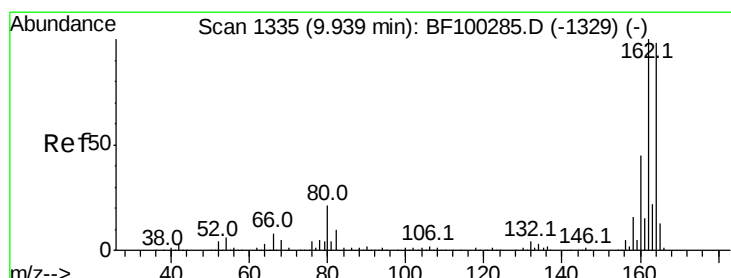
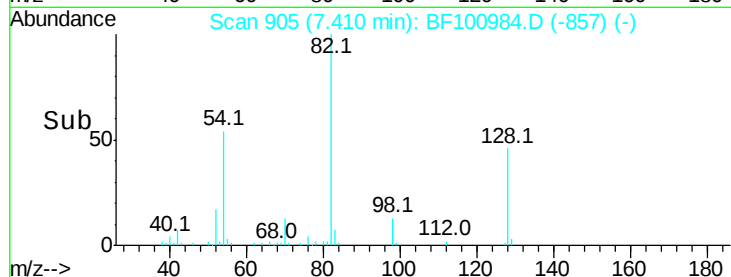
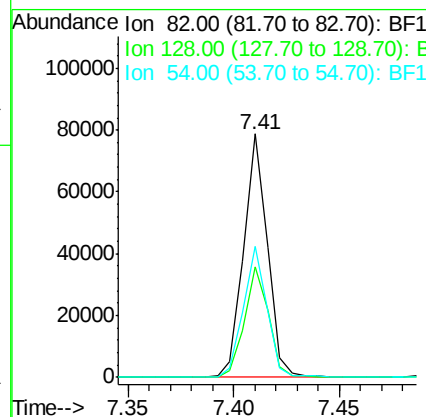
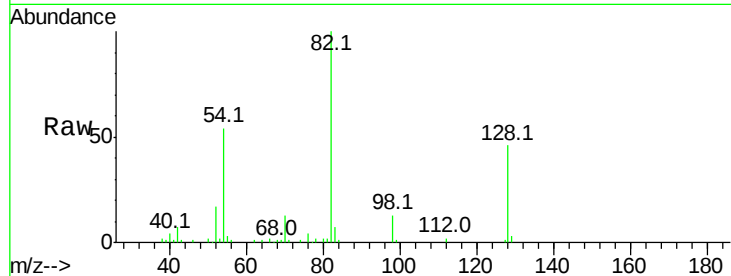
#23
Nitrobenzene-d5
Concen: 12.546 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF100984.D
Acq: 29 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	53.7	41.4	62.2

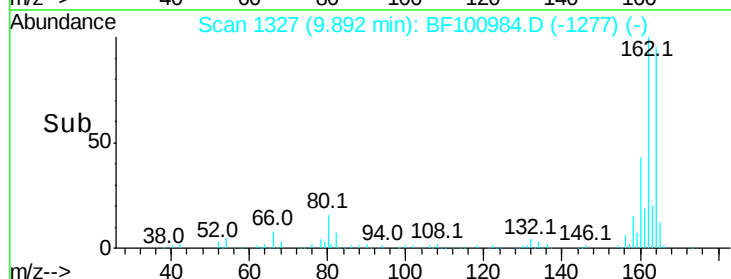
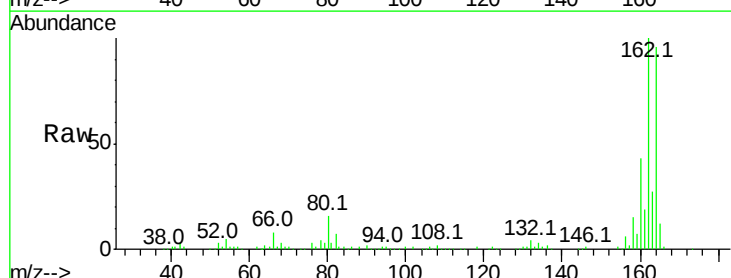
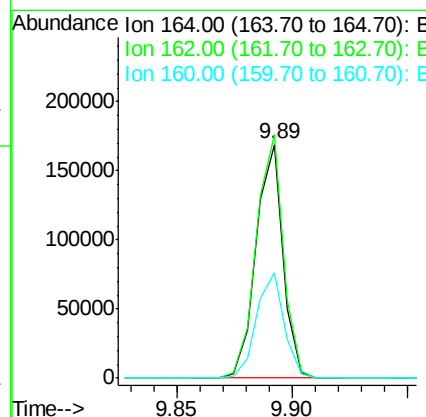
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100984.D
Acq: 29 Nov 2017 18:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.2	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 17.812 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF100984.D

Acq: 29 Nov 2017 18:05

Instrument :

BNA_F

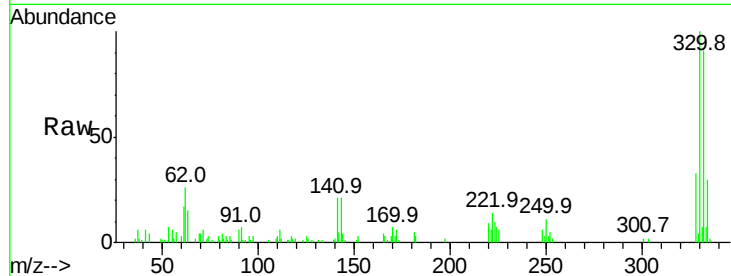
ClientSampleId :

HR-06-112817-A

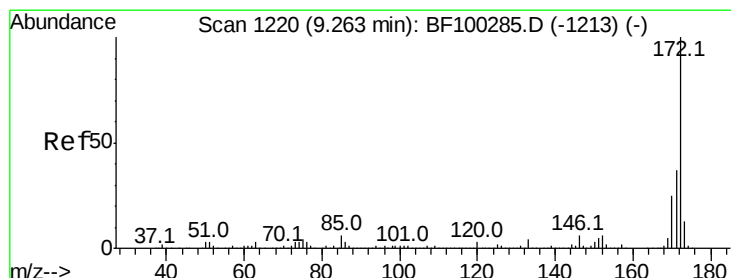
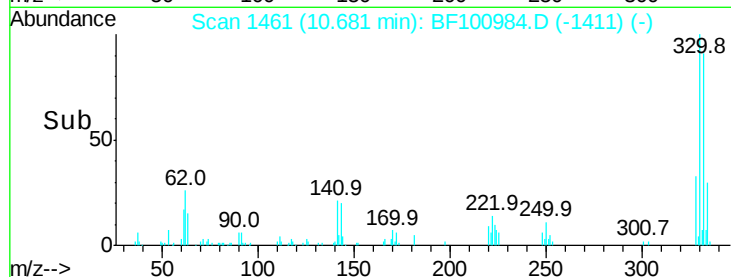
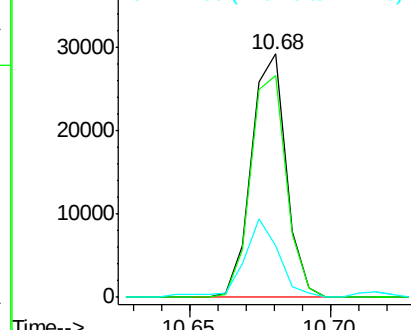
Tot Ion:	330	Resp:	24999
Ion Ratio	Lower	Upper	
330	100		
332	94.0	77.0	115.6
141	32.5	29.9	44.9

Manual Integrations
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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: 16.352 ng

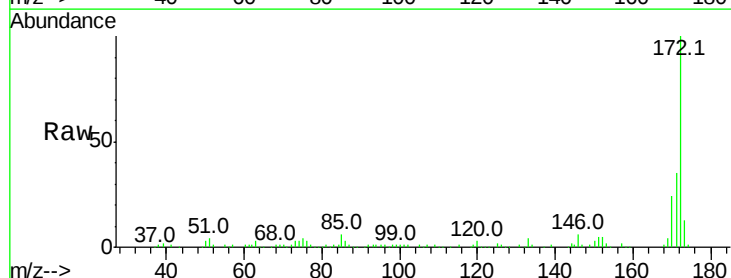
RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

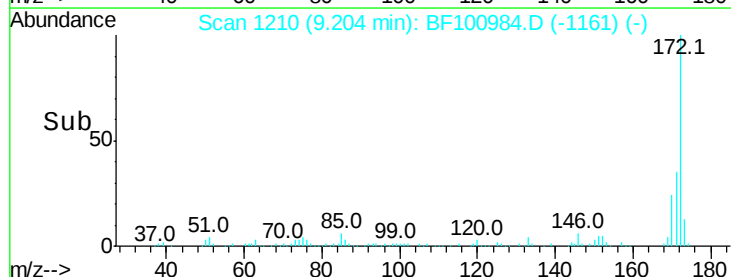
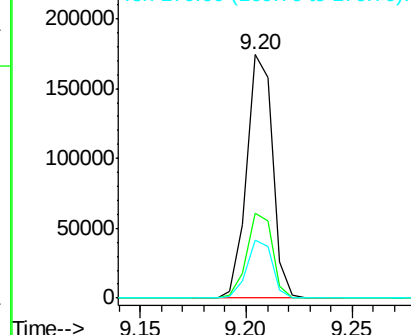
Lab File: BF100984.D

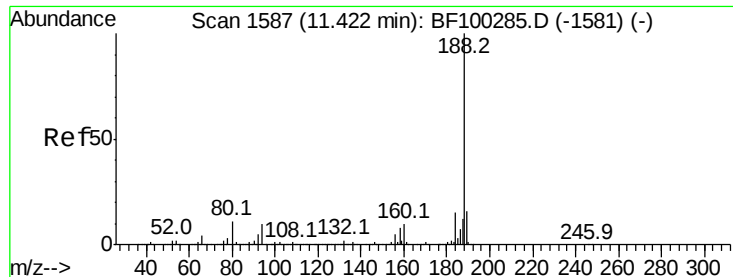
Acq: 29 Nov 2017 18:05

Tgt Ion:	172	Resp:	147901
Ion Ratio	Lower	Upper	
172	100		
171	34.8	29.7	44.5
170	23.6	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





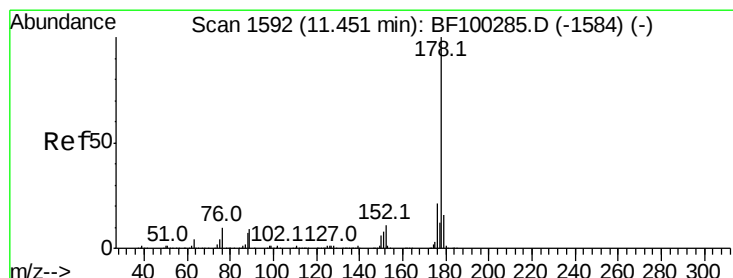
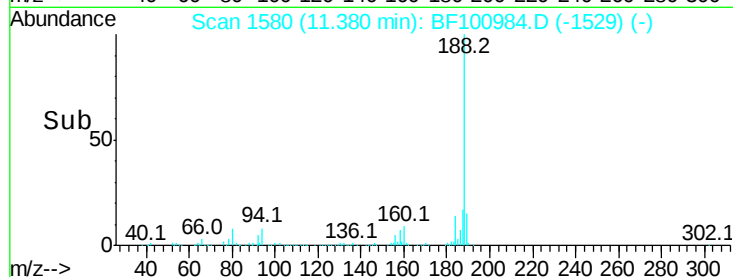
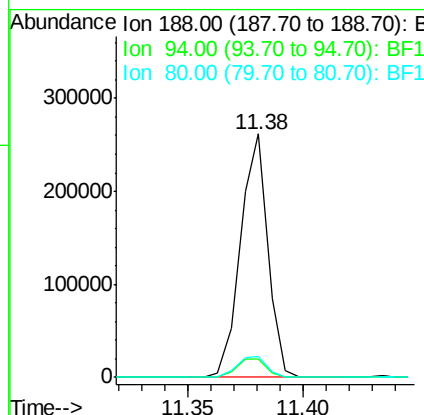
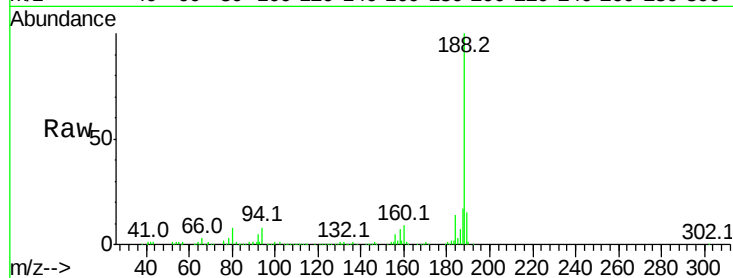
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100984.D
Acq: 29 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.4	9.2	13.8#

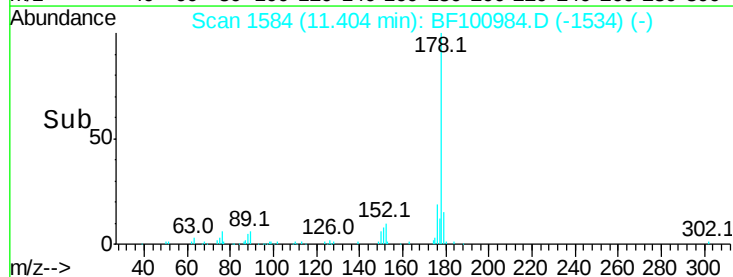
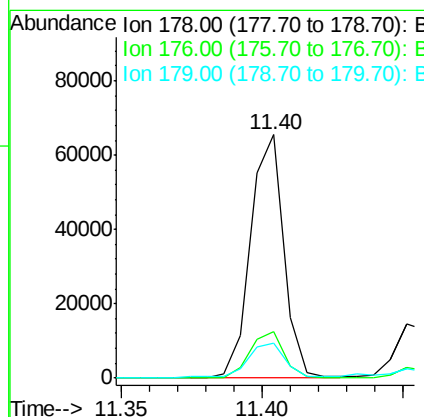
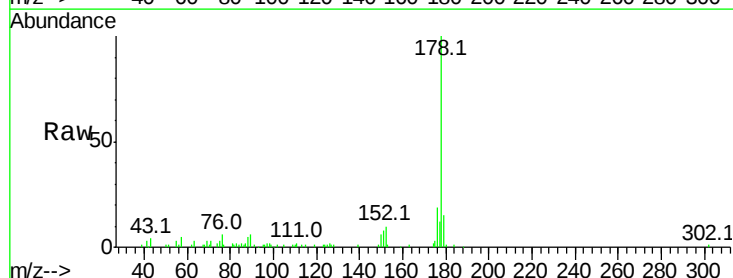
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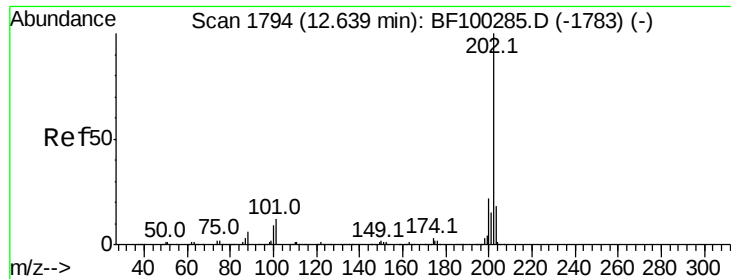
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#70
Phenanthrene
Concen: 4.703 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100984.D
Acq: 29 Nov 2017 18:05

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.6	13.0	19.6





#74

Fluoranthene

Concen: 5.469 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF100984.D

Acq: 29 Nov 2017 18:05

Instrument :

BNA_F

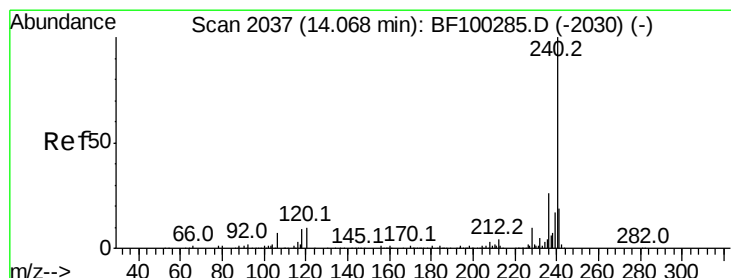
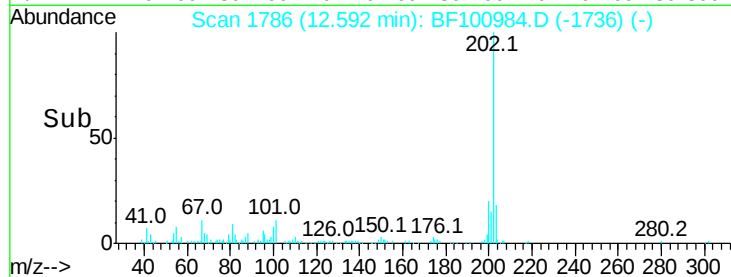
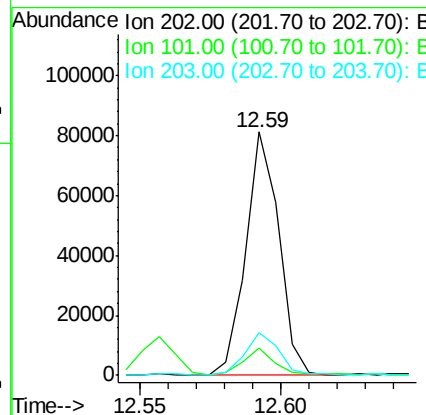
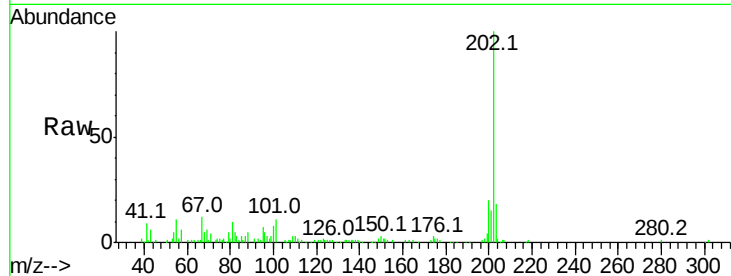
ClientSampleId :

HR-06-112817-A

Tot Ion:	202	Resp:	65918
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	34.1
203	17.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

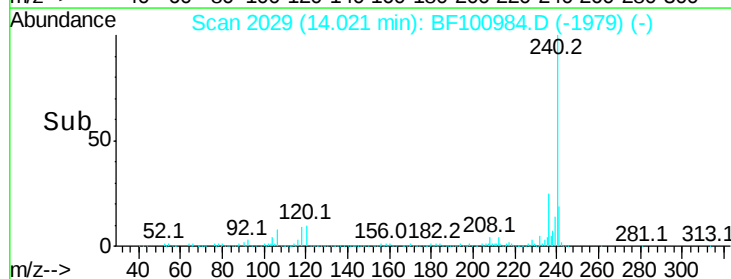
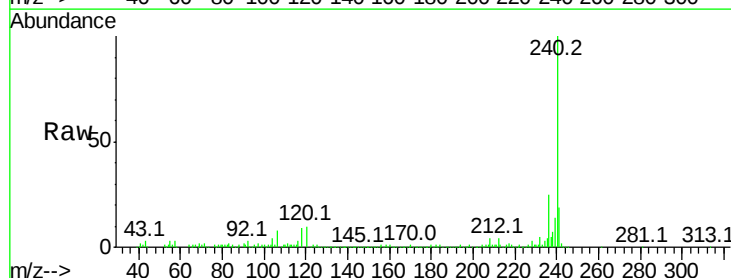
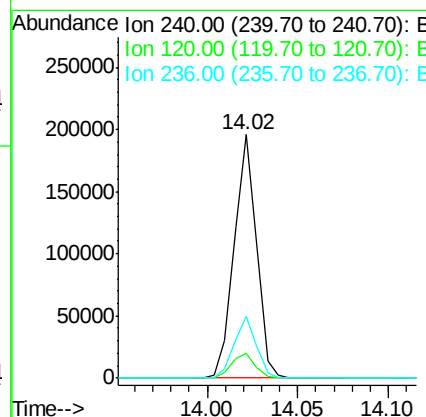
RT: 14.02 min Scan# 2029

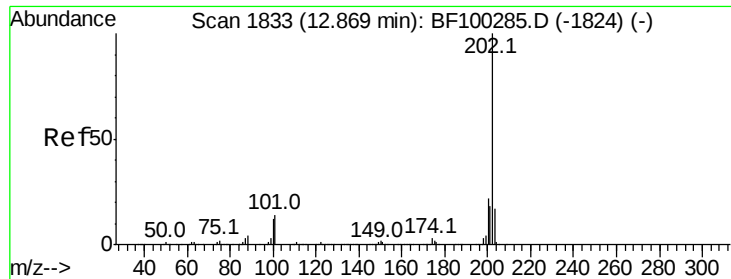
Delta R.T. -0.01 min

Lab File: BF100984.D

Acq: 29 Nov 2017 18:05

Tgt Ion:	240	Resp:	168836
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	25.3	20.7	31.1





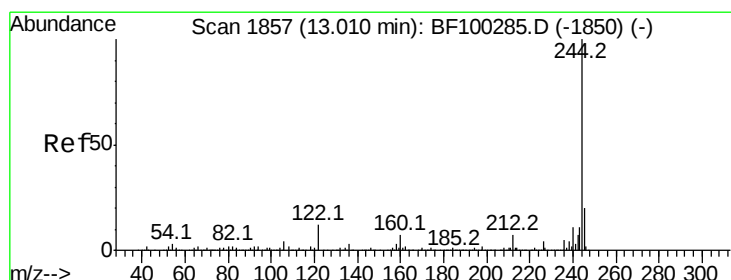
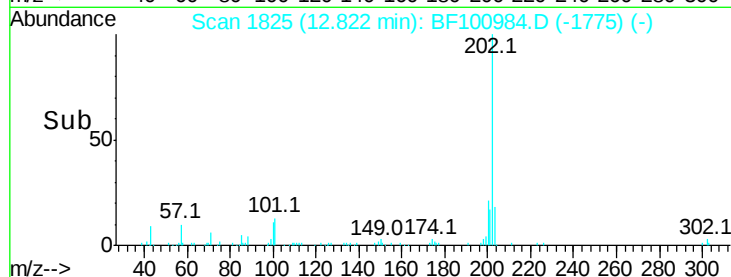
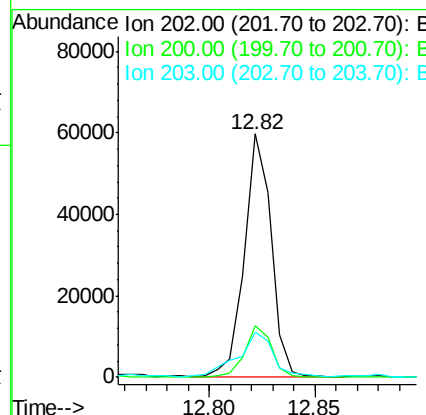
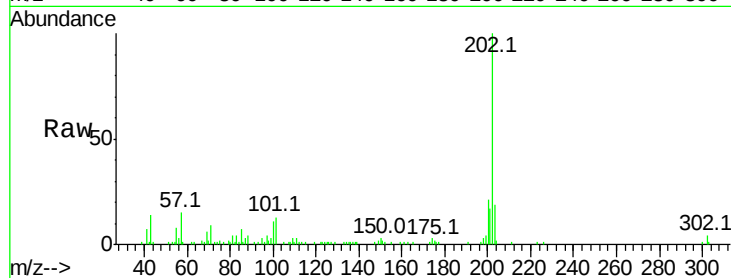
#77
Pvrene
Concen: 4.396 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF100984.D
Acq: 29 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.6	14.3	21.5

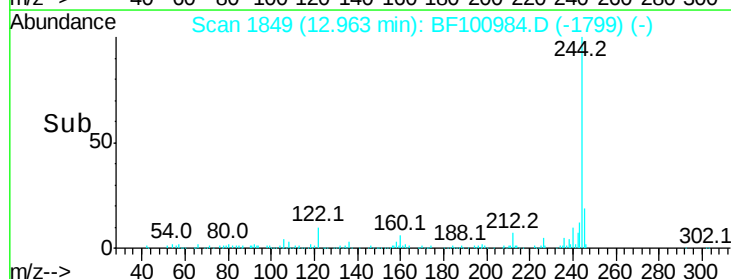
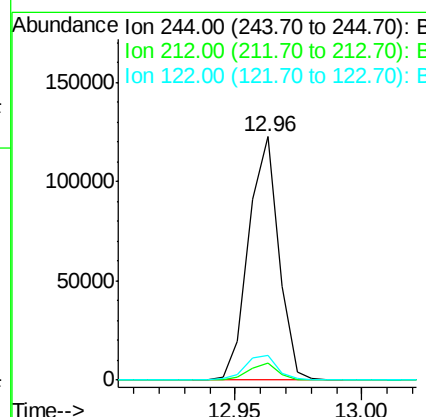
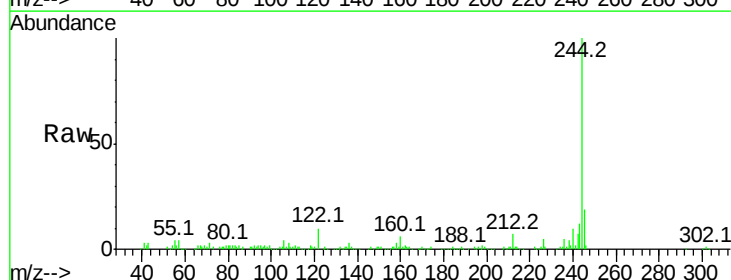
Manual Integrations
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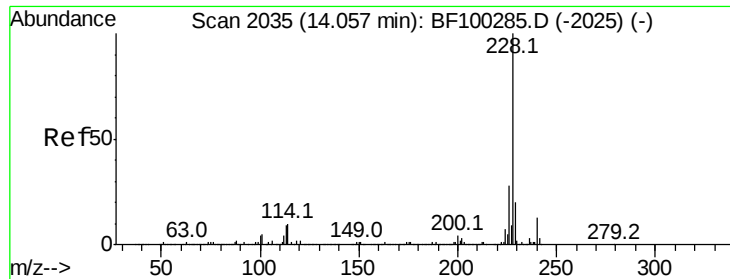
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#78
Terphenyl-d14
Concen: 13.764 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100984.D
Acq: 29 Nov 2017 18:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.1	11.0	16.4#





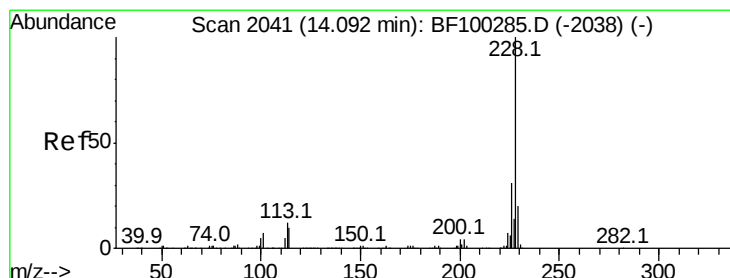
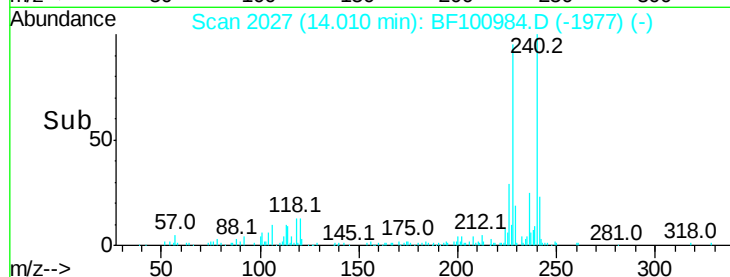
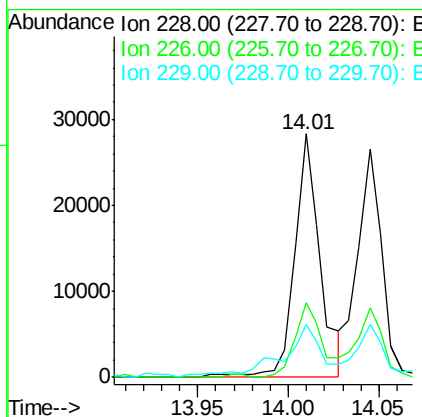
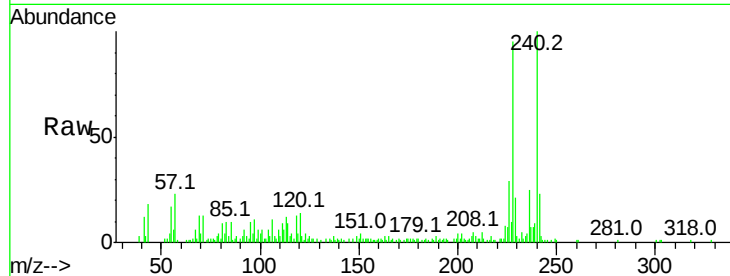
#80
Benzo(a)anthracene
Concen: 2.758 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100984.D
Acq: 29 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	21.8	15.8	23.6

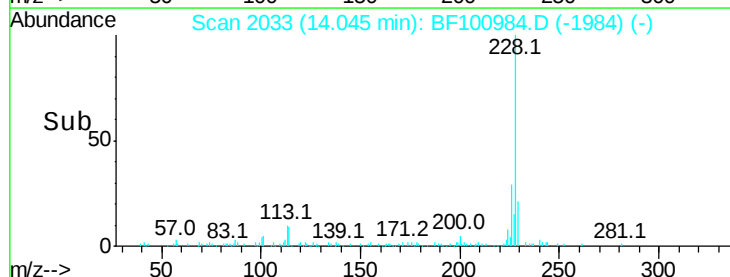
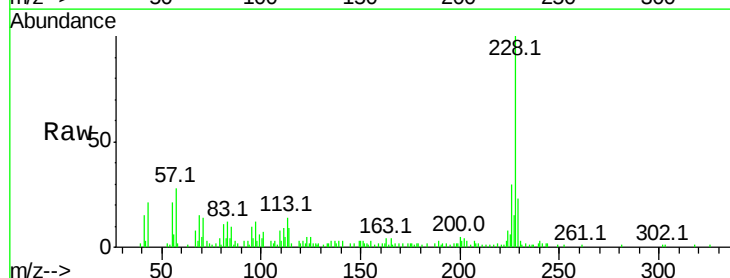
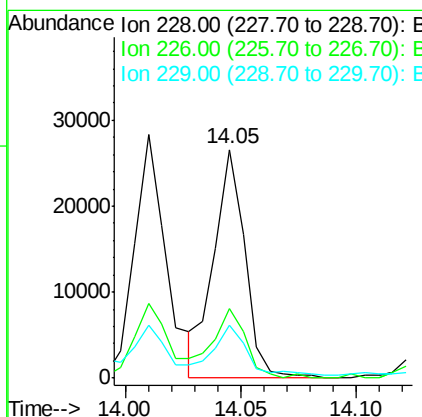
Manual Integrations
APPROVED

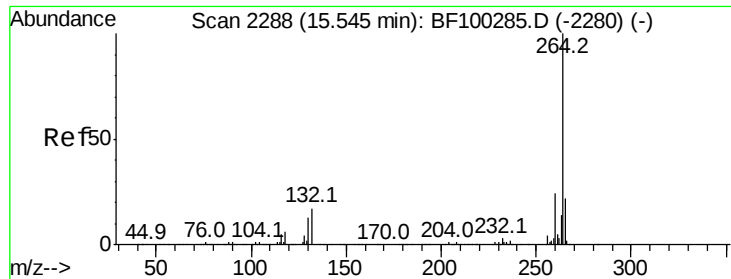
Sohil
11/30/2017 4:29:55 PM



#82
Chrysene
Concen: 2.537 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100984.D
Acq: 29 Nov 2017 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	23.0	16.2	24.4





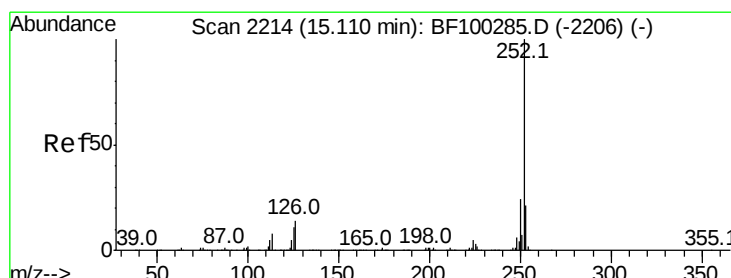
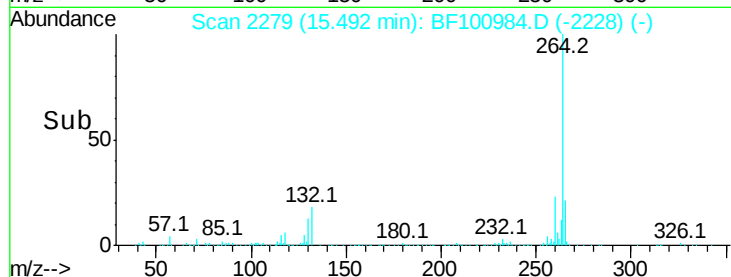
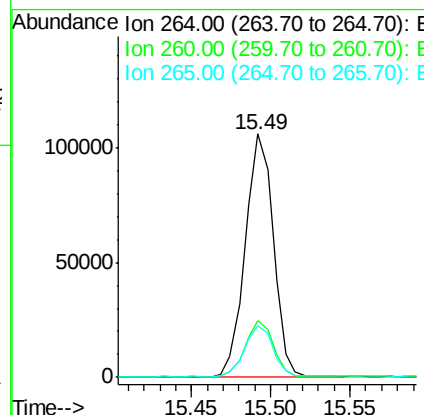
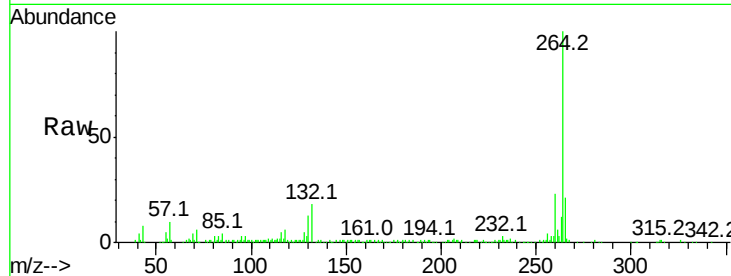
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF100984.D
Acq: 29 Nov 2017 18:05

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	17.5	26.3

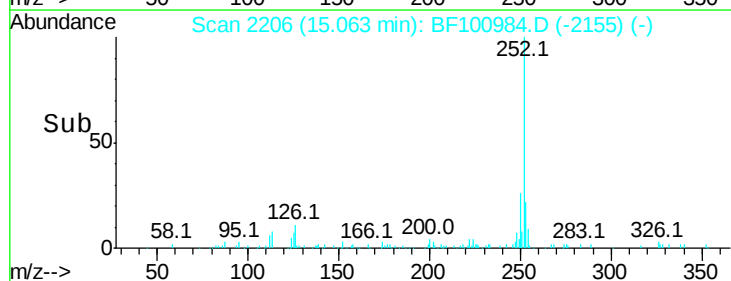
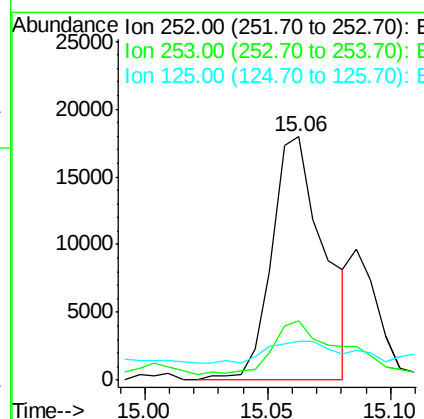
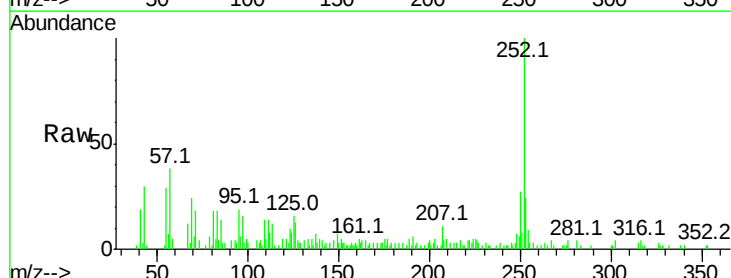
Manual Integrations
APPROVED

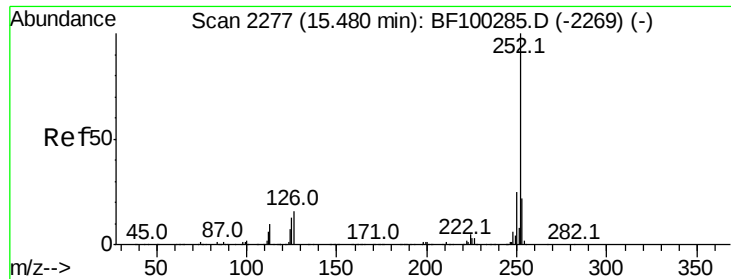
Sohil
11/30/2017 4:29:55 PM



#87
Benzo(b)fluoranthene
Concen: 3.410 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF100984.D
Acq: 29 Nov 2017 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	16.0	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.240 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF100984.D

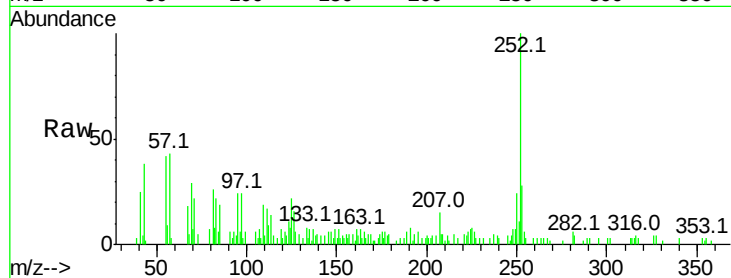
Acq: 29 Nov 2017 18:05

Instrument :

BNA_F

ClientSampleId :

HR-06-112817-A



Tot Ion:	252	Resp:	15494
Ion Ratio	Lower	Upper	
252	100		
253	27.7	17.1	25.7#
125	22.4	9.8	14.6#

Manual Integrations
APPROVED

Sohil
11/30/2017 4:29:55 PM

