

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF101009.D
 Acq On : 30 Nov 2017 6:36
 Operator : SJ/JU
 Sample : I6579-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAR-2-E(7-8)

Manual Integrations
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Quant Time: Nov 30 08:26:45 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	58028	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	215022	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	82466	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	131195	20.00	ng	0.00
75) Chrysene-d12	14.02	240	124103	20.00	ng	0.00
86) Perylene-d12	15.49	264	108929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	430097	118.81	ng	0.00
7) Phenol-d6	6.49	99	515825	115.55	ng	0.00
23) Nitrobenzene-d5	7.42	82	296177	91.07	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	99283	118.15	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	442683	81.74	ng	0.00
78) Terphenyl-d14	12.96	244	316003	58.51	ng	0.00
Target Compounds						
10) Phenol	6.50	94	13721	2.928	ng	Qvalue # 71
49) Dimethylphthalate	9.60	163	30533	4.849	ng	98
70) Phenanthrene	11.40	178	31345	4.538	ng	98
74) Fluoranthene	12.59	202	41512	5.670	ng	94
77) Pyrene	12.82	202	35167	3.975	ng	99
80) Benzo(a)anthracene	14.01	228	22236	2.975	ng	97
82) Chrysene	14.04	228	20773	2.870	ng	97
87) Benzo(b)fluoranthene	15.06	252	24771m	3.838	ng	
89) Benzo(a)pyrene	15.43	252	17133	2.995	ng	# 86

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

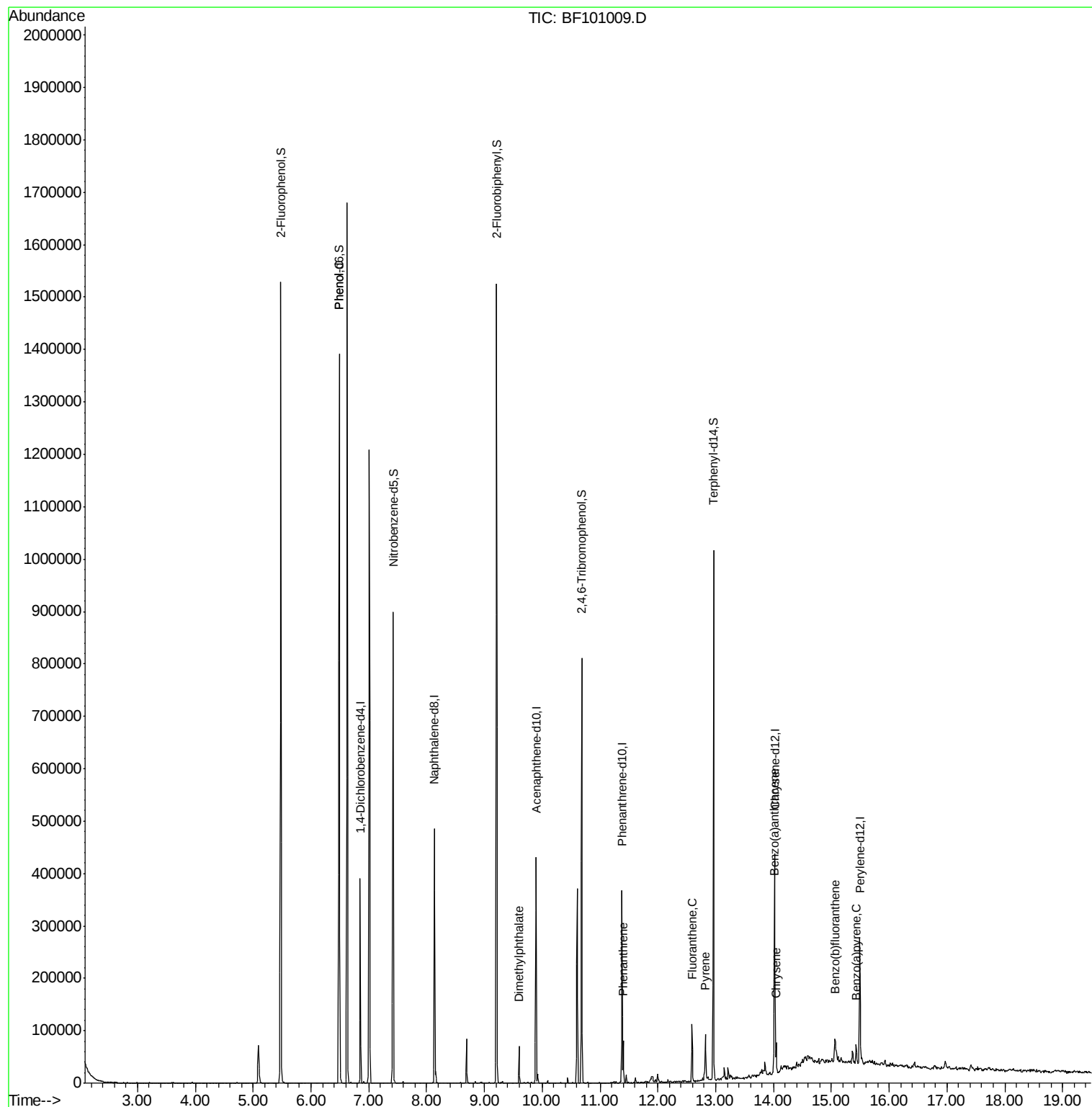
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
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ALS Vial : 36 Sample Multiplier: 1

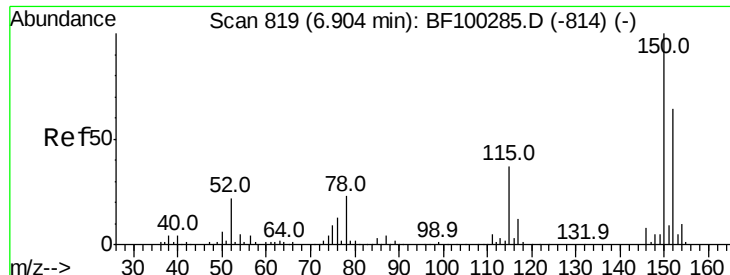
Instrument :
BNA_F
ClientSampleId :
HAR-2-E(7-8)

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

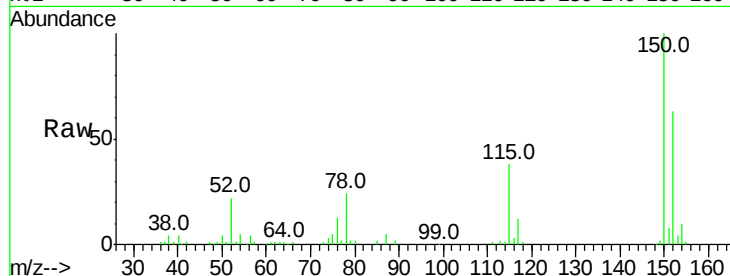
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
HAR-2-E(7-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	60.8	50.1	75.1

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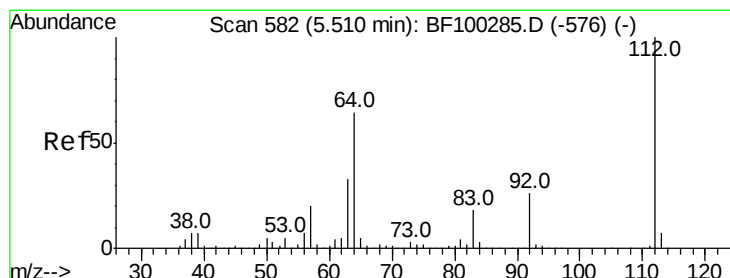
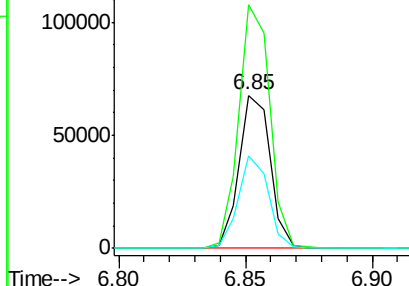
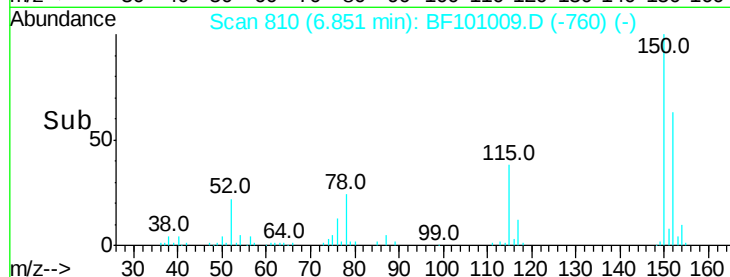


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

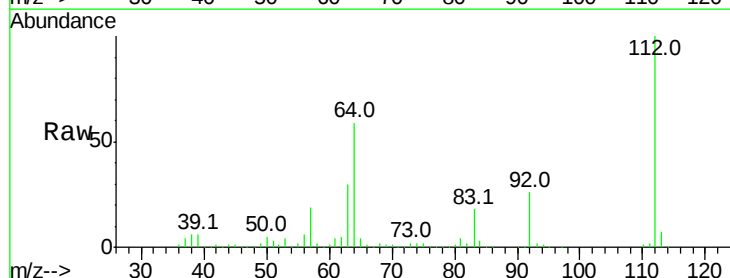
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.812 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	29.7	23.7	35.5

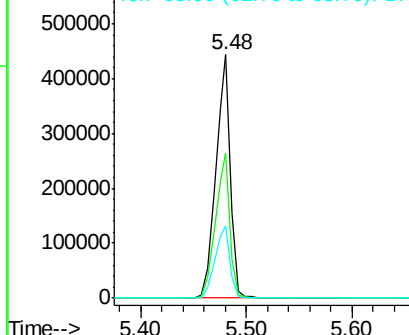
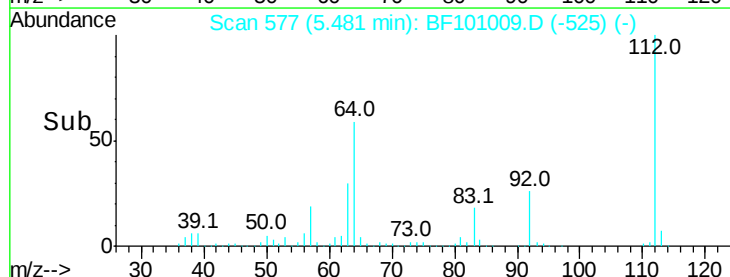


Abundance

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: 115.554 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF101009.D

Acq: 30 Nov 2017 6:36

Instrument :

BNA_F

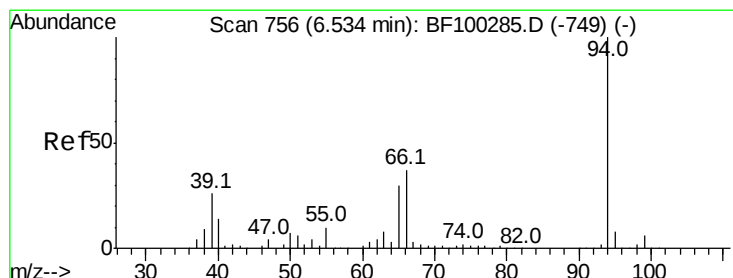
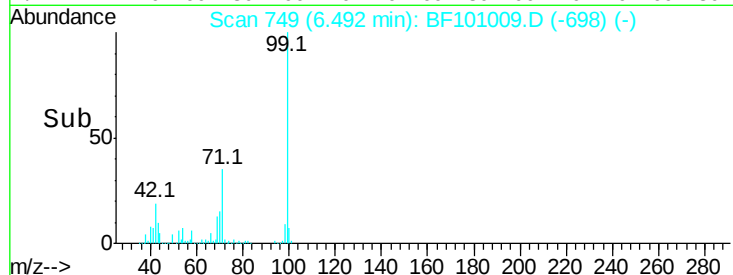
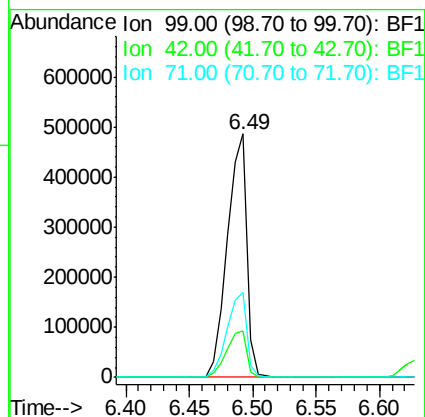
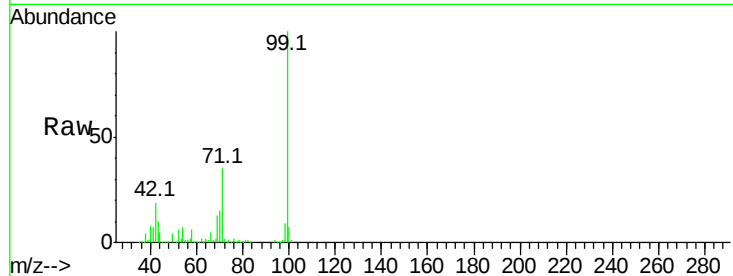
ClientSampleId :

HAR-2-E(7-8)

Tot Ion:	99	Resp:	515825
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.5	21.7
71	34.9	25.4	38.0

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#10

Phenol

Concen: 2.928 ng

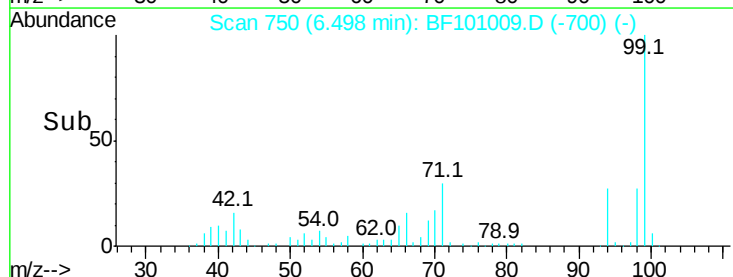
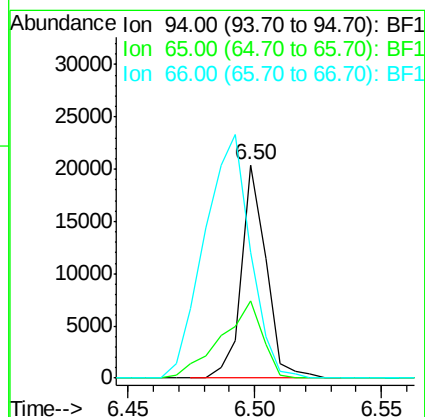
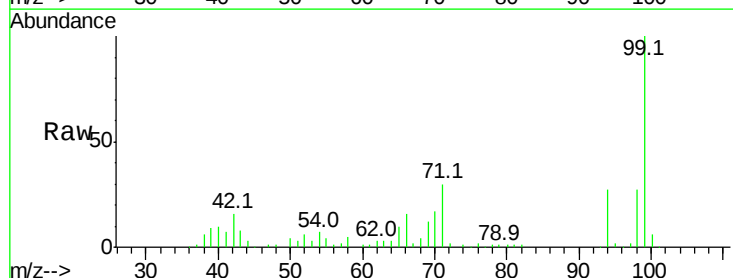
RT: 6.50 min Scan# 750

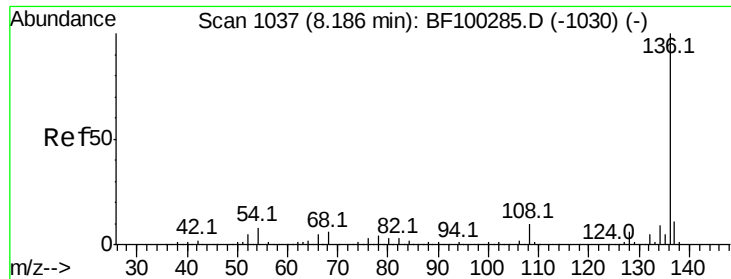
Delta R.T. -0.01 min

Lab File: BF101009.D

Acq: 30 Nov 2017 6:36

Tgt Ion:	94	Resp:	13721
Ion Ratio	Lower	Upper	
94	100		
65	36.3	7.9	47.9
66	58.9	16.2	56.2#





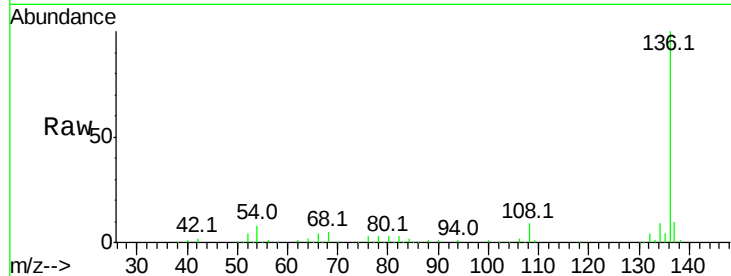
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
HAR-2-E(7-8)

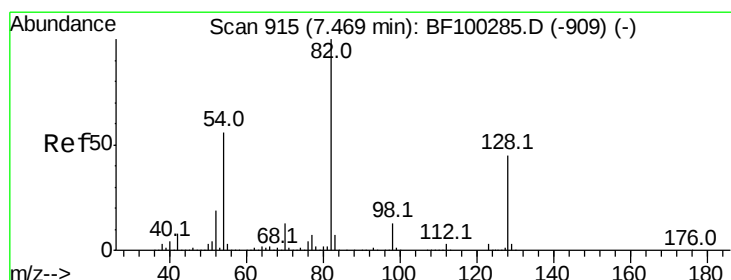
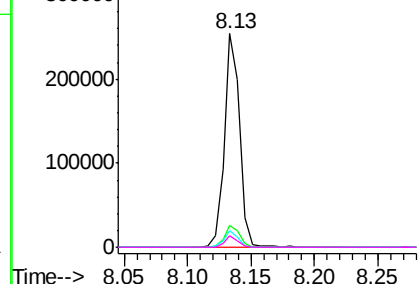
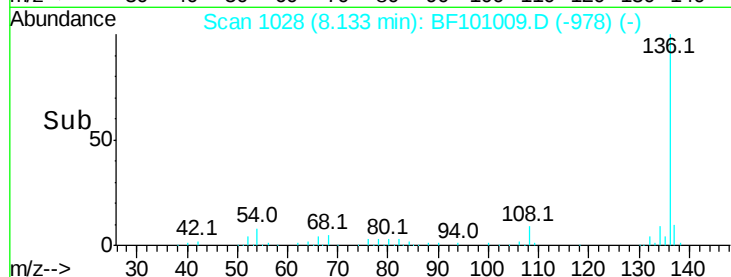
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.9	13.3	
54	7.8	6.6	9.8	
68	5.2	5.0	7.4	

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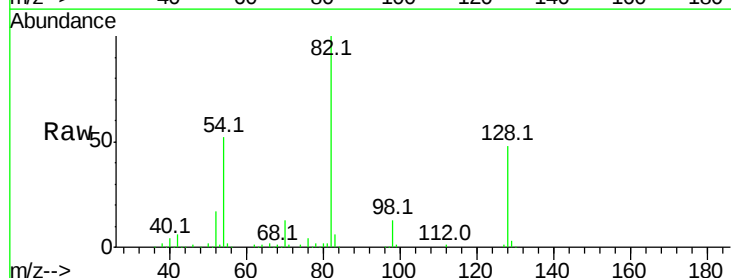


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

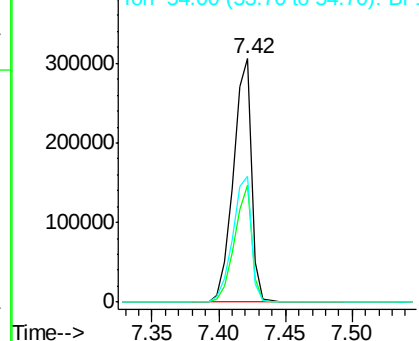
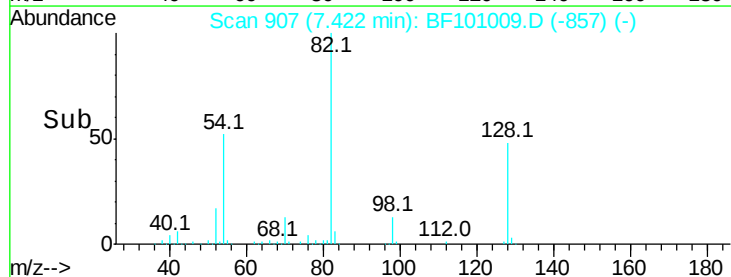


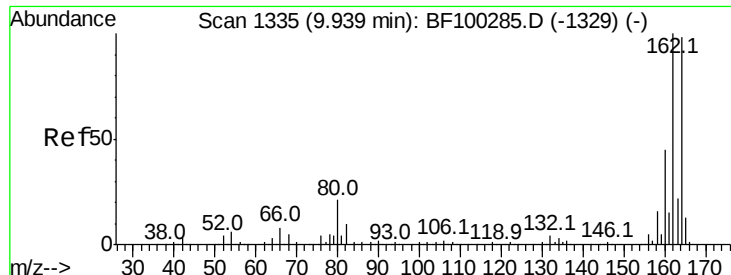
#23
Nitrobenzene-d5
Concen: 91.066 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.1	36.1	54.1	
54	51.9	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





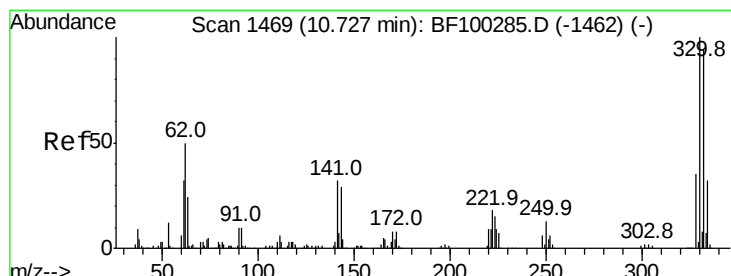
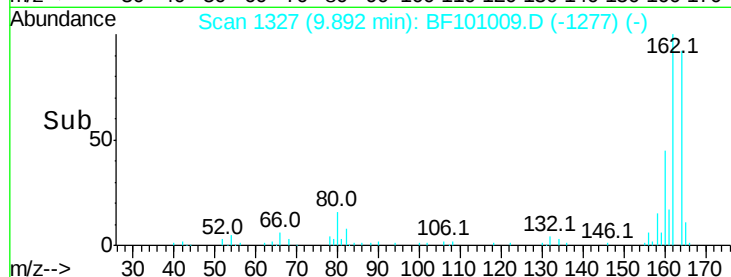
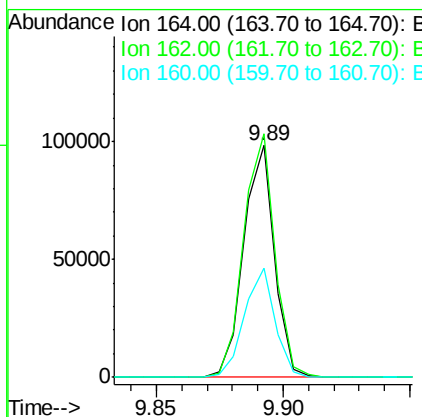
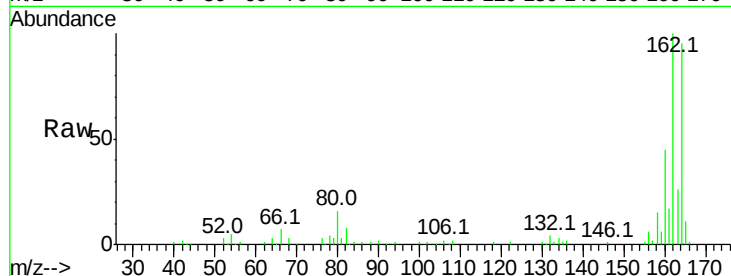
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF101009.D
 Acq: 30 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 HAR-2-E(7-8)

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.0	38.3	57.5

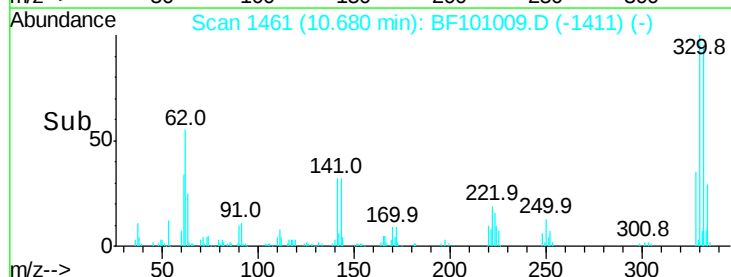
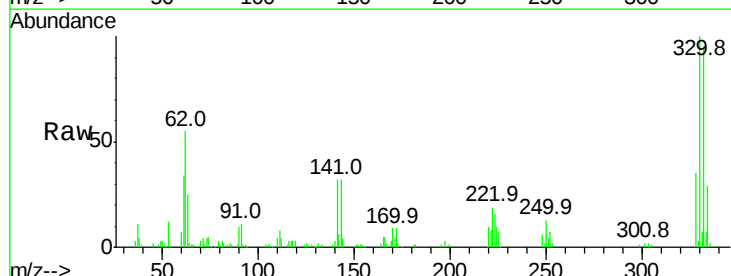
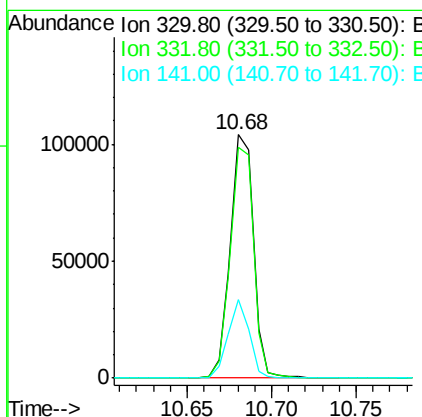
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#41
 2,4,6-Tribromophenol
 Concen: 118.148 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101009.D
 Acq: 30 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	29.2	29.9	44.9#





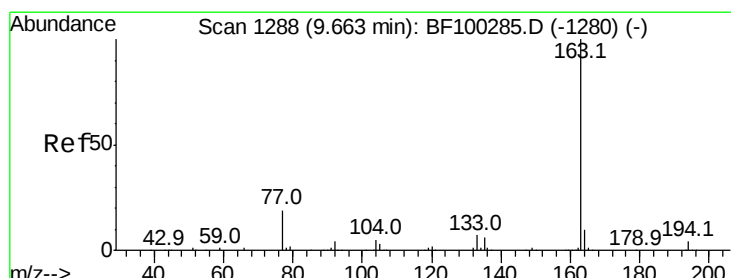
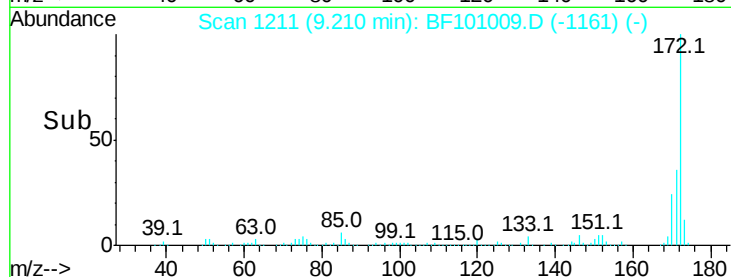
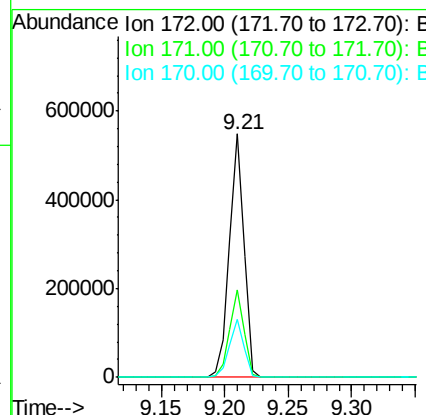
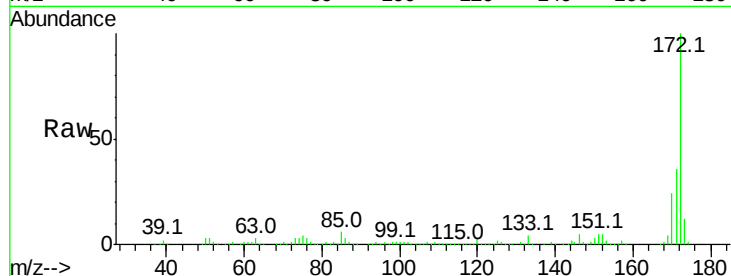
#44
2-Fluorobiphenyl
Concen: 81.740 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
HAR-2-E(7-8)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	442683		
171	35.7		29.7	44.5
170	23.7		19.6	29.4

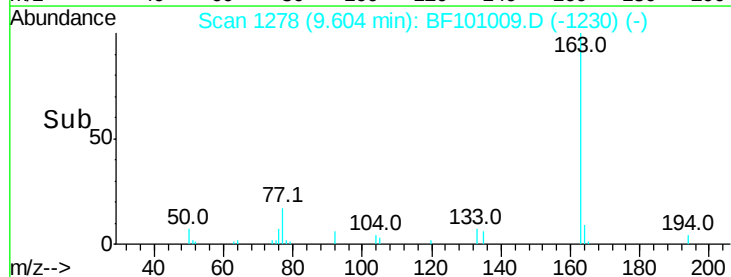
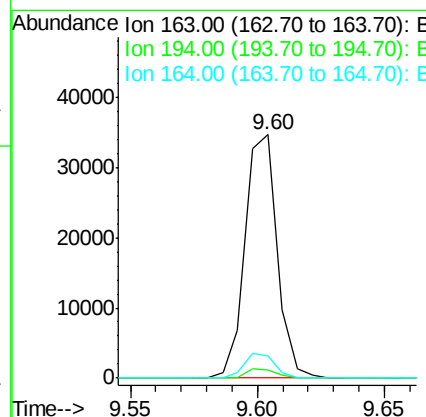
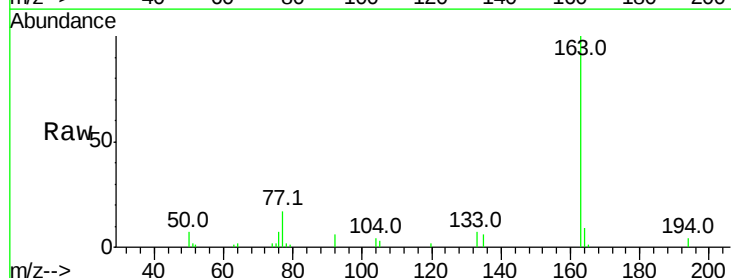
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#49
Dimethylphthalate
Concen: 4.849 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	30533		
194	3.6		2.7	4.1
164	9.2		8.2	12.2





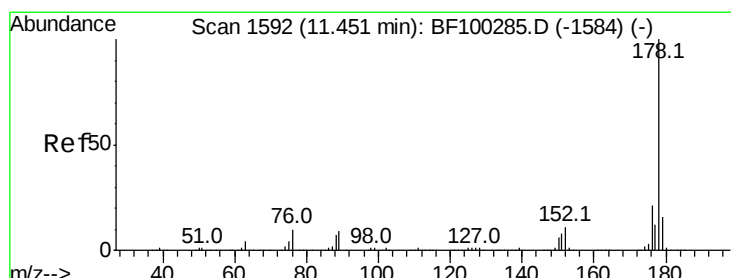
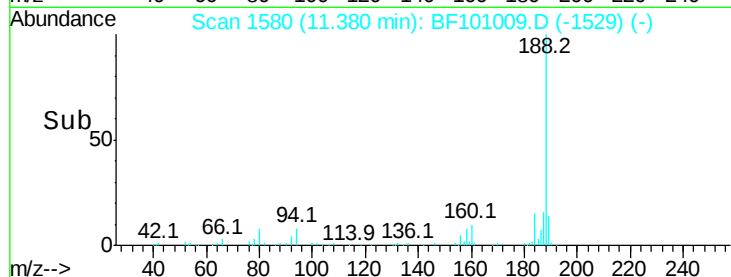
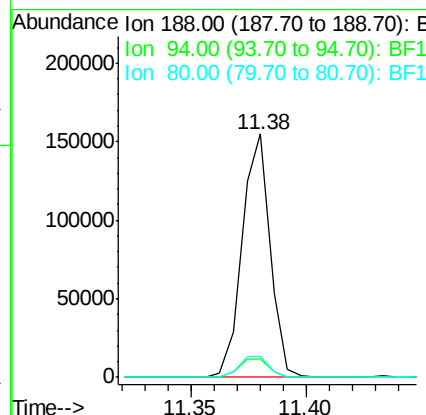
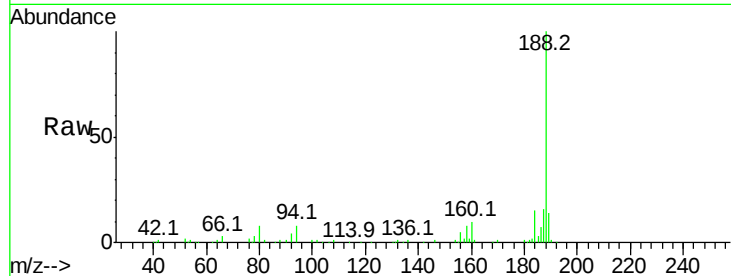
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
HAR-2-E(7-8)

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

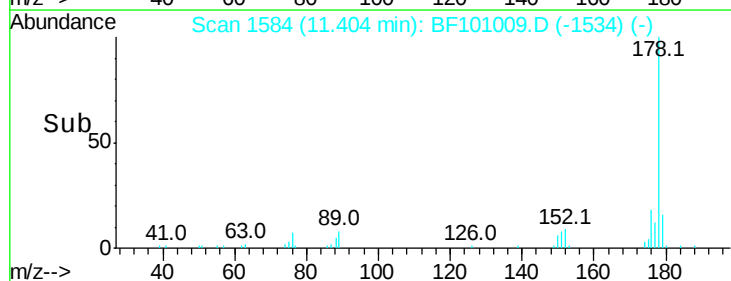
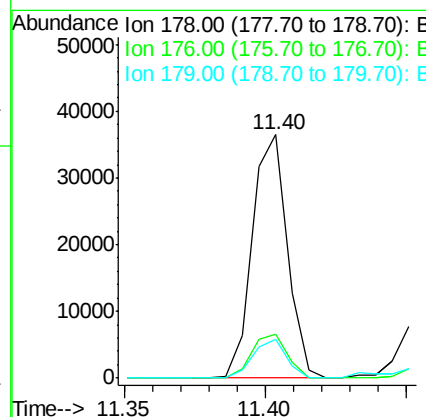
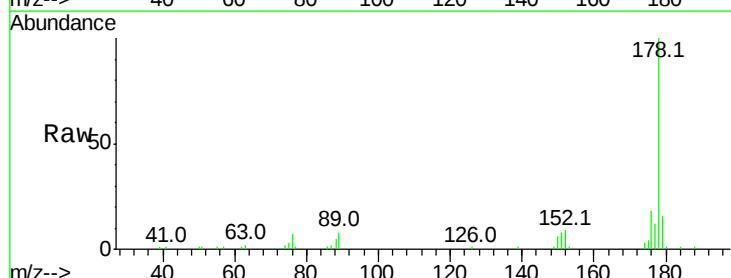
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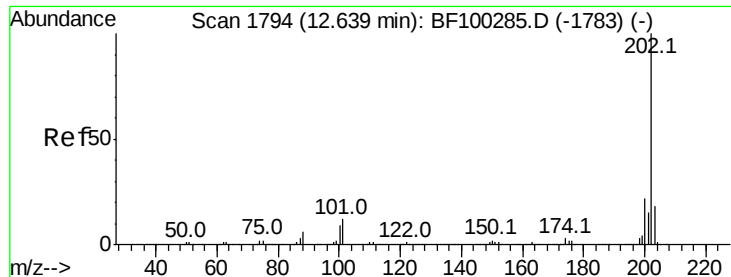
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#70
Phenanthrene
Concen: 4.538 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.3	15.8	23.8
179	16.0	13.0	19.6





#74

Fluoranthene

Concen: 5.670 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF101009.D

Acq: 30 Nov 2017 6:36

Instrument :

BNA_F

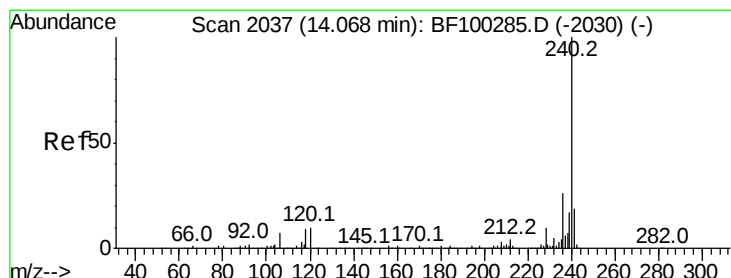
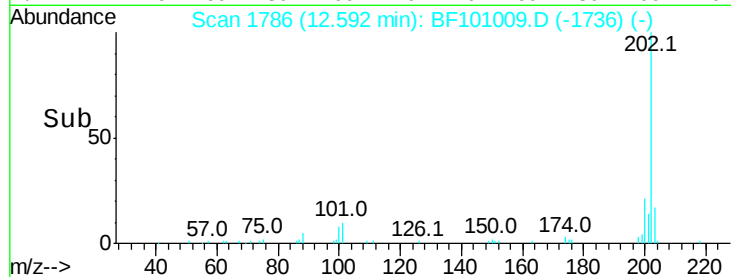
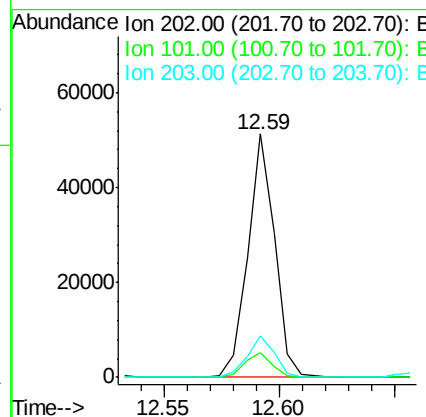
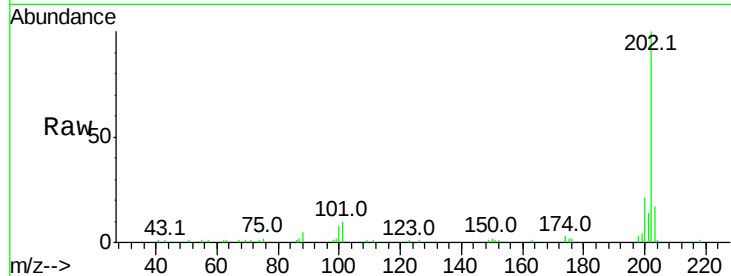
ClientSampleId :

HAR-2-E(7-8)

Tot Ion:	202	Resp:	41512
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	34.1
203	16.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

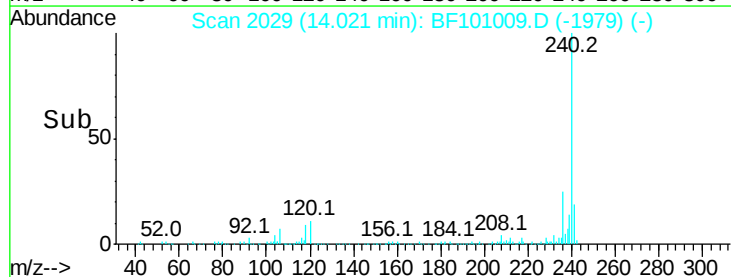
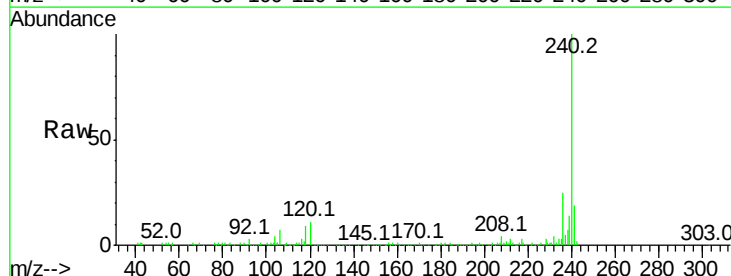
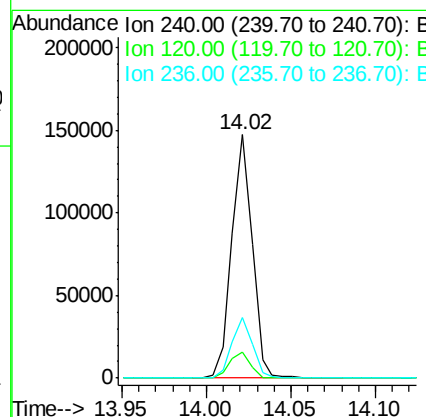
RT: 14.02 min Scan# 2029

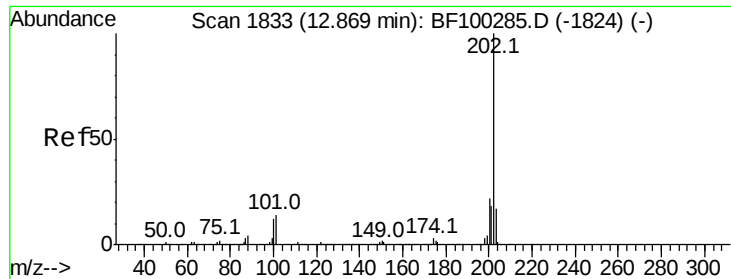
Delta R.T. -0.01 min

Lab File: BF101009.D

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Tgt Ion:	240	Resp:	124103
Ion Ratio	Lower	Upper	
240	100		
120	10.6	9.5	14.3
236	25.0	20.7	31.1





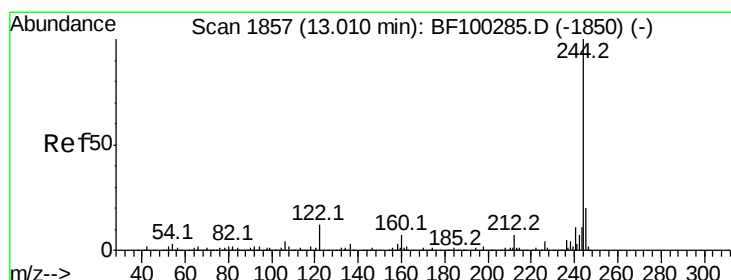
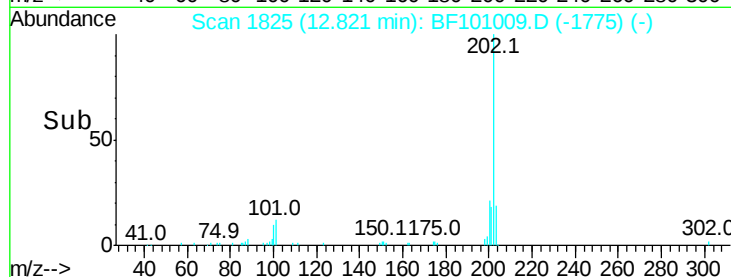
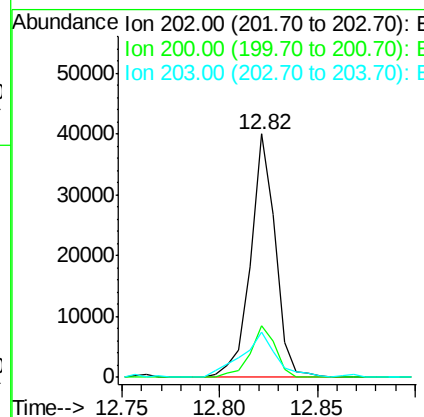
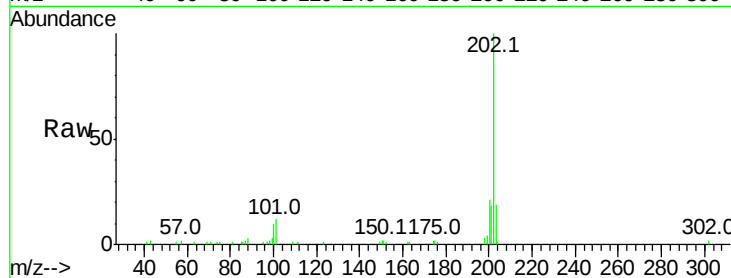
#77
Pvrene
Concen: 3.975 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
HAR-2-E(7-8)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.6	14.3	21.5

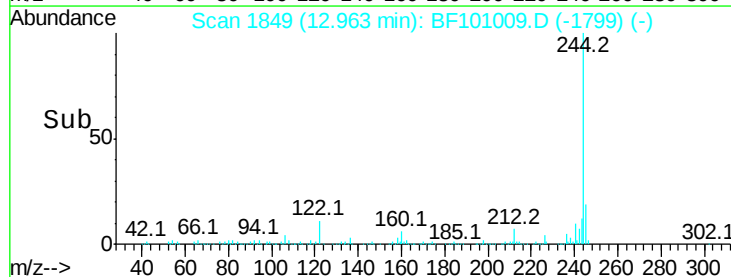
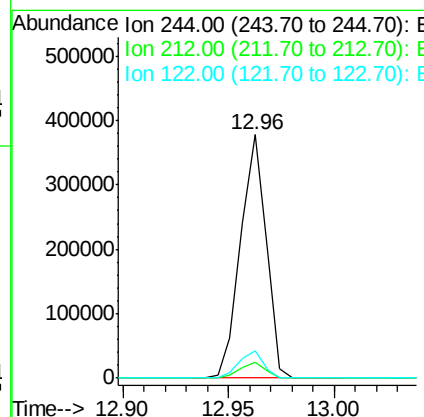
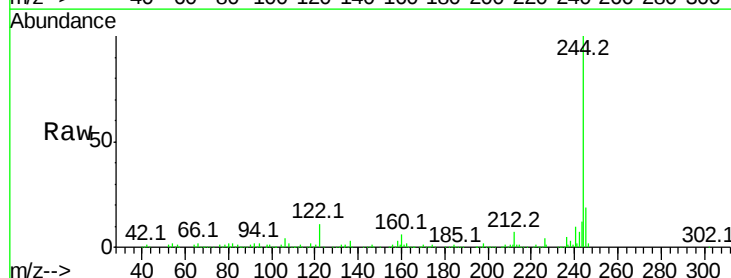
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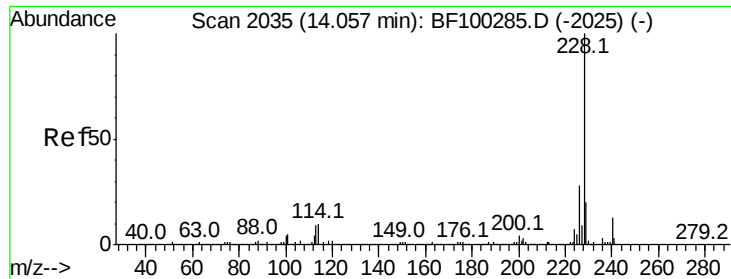
Sohil
11/30/2017 4:32:40 PM



#78
Terphenyl-d14
Concen: 58.506 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.0	11.0	16.4





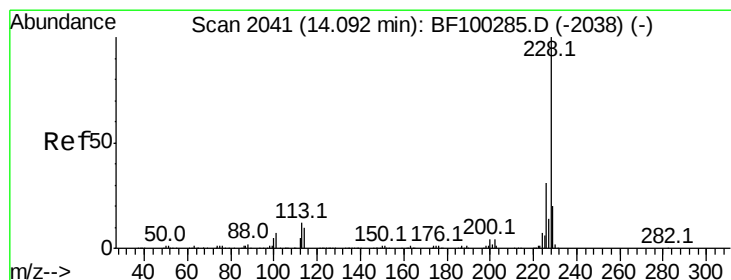
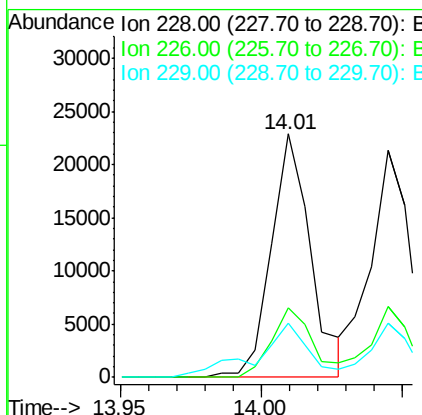
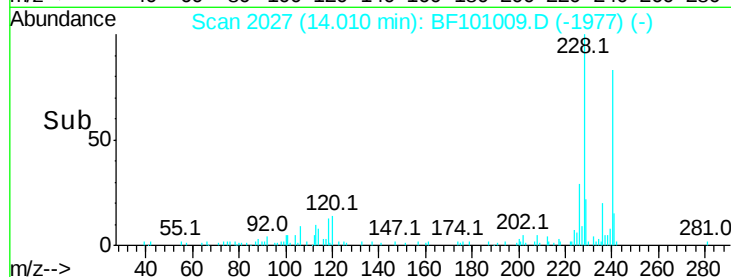
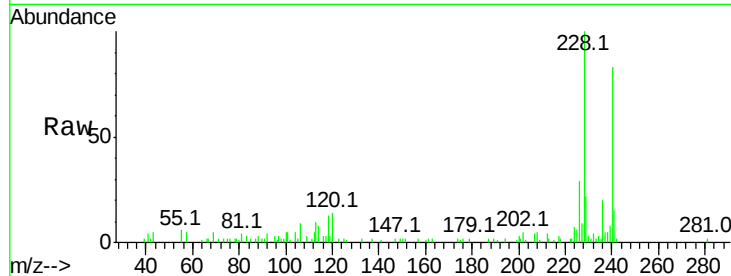
#80
Benzo(a)anthracene
Concen: 2.975 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
HAR-2-E(7-8)

Tot Ion	Ratio	Resp Lower	Upper
228	100		
226	28.8	22.6	33.8
229	22.2	15.8	23.6

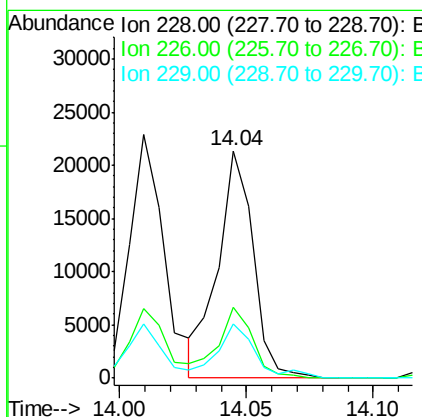
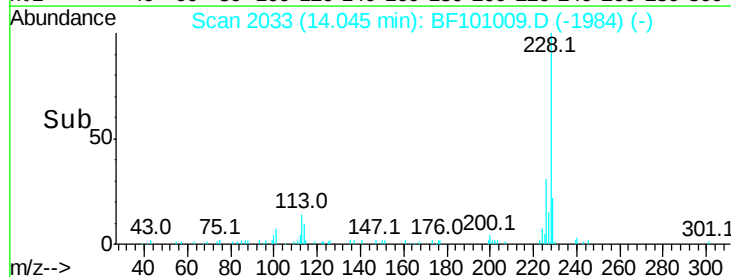
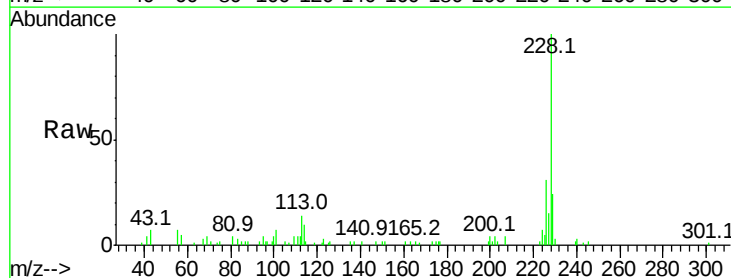
Manual Integrations
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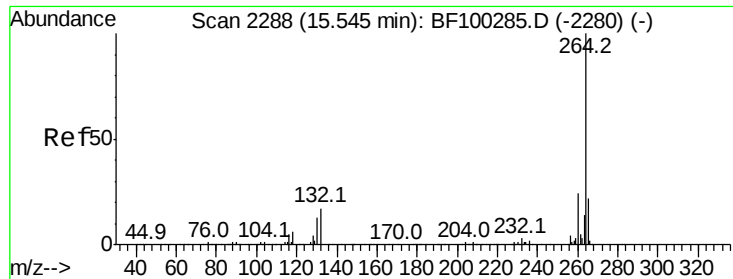
Sohil
11/30/2017 4:32:40 PM



#82
Chrysene
Concen: 2.870 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	25.0	37.6
229	24.0	16.2	24.4





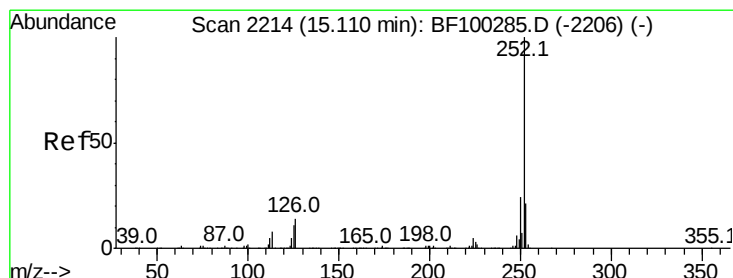
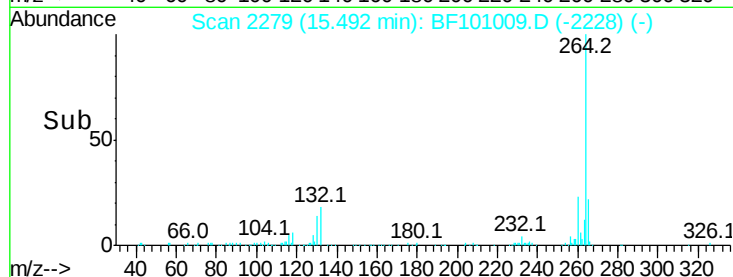
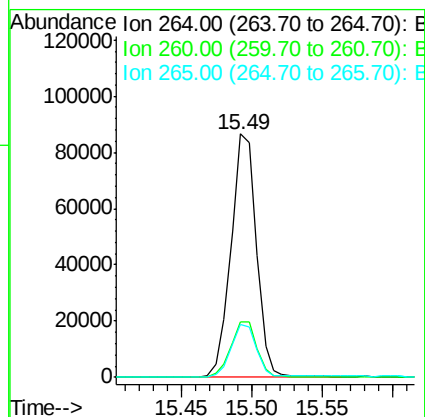
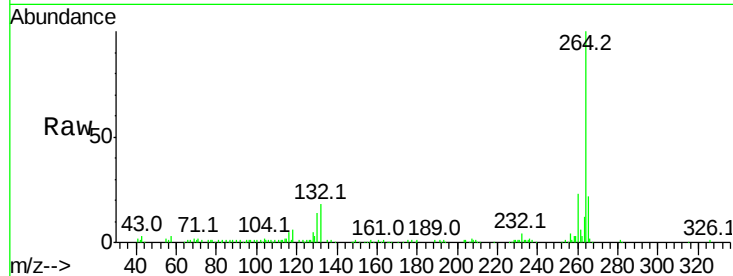
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
HAR-2-E(7-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.6	17.5	26.3

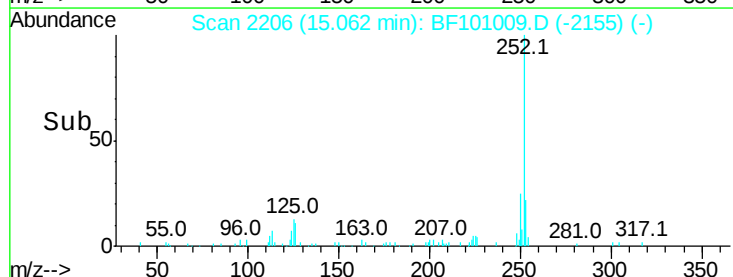
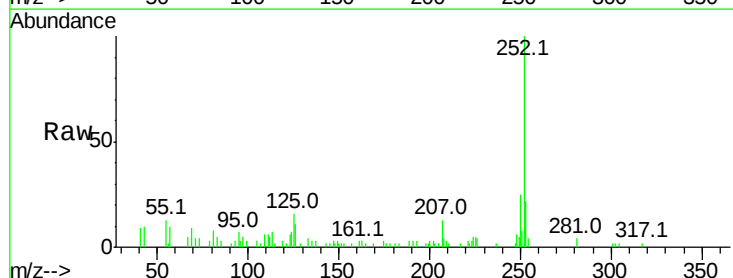
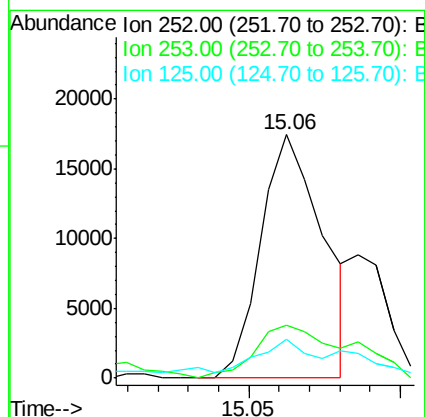
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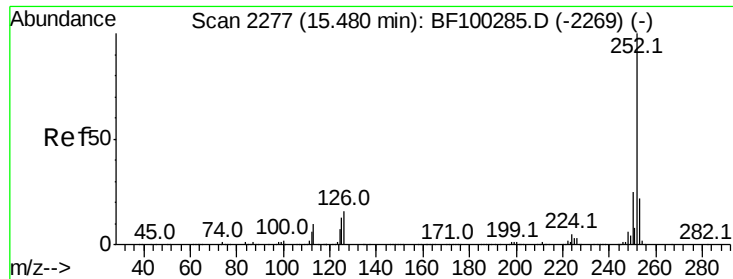
Sohil
11/30/2017 4:32:40 PM



#87
Benzo(b)fluoranthene
Concen: 3.838 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF101009.D
Acq: 30 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	16.1	9.0	13.6#





#89
 Benzo(a)pyrene
 Concen: 2.995 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF101009.D
 Acq: 30 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 HAR-2-E(7-8)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	28.5	17.1	25.7#
125	17.3	9.8	14.6#

Manual Integrations
 APPROVED

Sohil
 11/30/2017 4:32:40 PM

