

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100955.D
 Acq On : 29 Nov 2017 1:43
 Operator : SJ/JU
 Sample : I6579-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAR-3-E(0-1)

Manual Integrations
 APPROVED

Sohil
 11/29/2017 4:29:20 PM

Quant Time: Nov 29 08:03:43 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	6.86	152	63187	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	223132	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89482	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	152556	20.00	ng	0.00
75) Chrysene-d12	14.02	240	156984	20.00	ng	0.00
86) Perylene-d12	15.50	264	127992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	398586	101.12	ng	0.00
7) Phenol-d6	6.49	99	459413	94.51	ng	0.00
23) Nitrobenzene-d5	7.42	82	278805	82.61	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	94393	103.52	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	536571	91.31	ng	0.00
78) Terphenyl-d14	12.96	244	448908	65.70	ng	0.00
Target Compounds						
10) Phenol	6.50	94	10541	2.066	ng	Qvalue # 71
49) Dimethylphthalate	9.60	163	17749	2.598	ng	98
70) Phenanthrene	11.40	178	66756	8.311	ng	97
74) Fluoranthene	12.59	202	132076	15.515	ng	95
77) Pyrene	12.82	202	134476	12.017	ng	97
80) Benzo(a)anthracene	14.01	228	67423	7.132	ng	100
82) Chrysene	14.04	228	62474	6.824	ng	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	23752	3.208	ng	# 89
87) Benzo(b)fluoranthene	15.06	252	67945m	8.960	ng	
88) Benzo(k)fluoranthene	15.09	252	22921m	3.199	ng	
89) Benzo(a)pyrene	15.43	252	46481	6.914	ng	97
91) Benzo(a,h,i)perylene	17.42	276	27146	5.044	ng	# 87

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

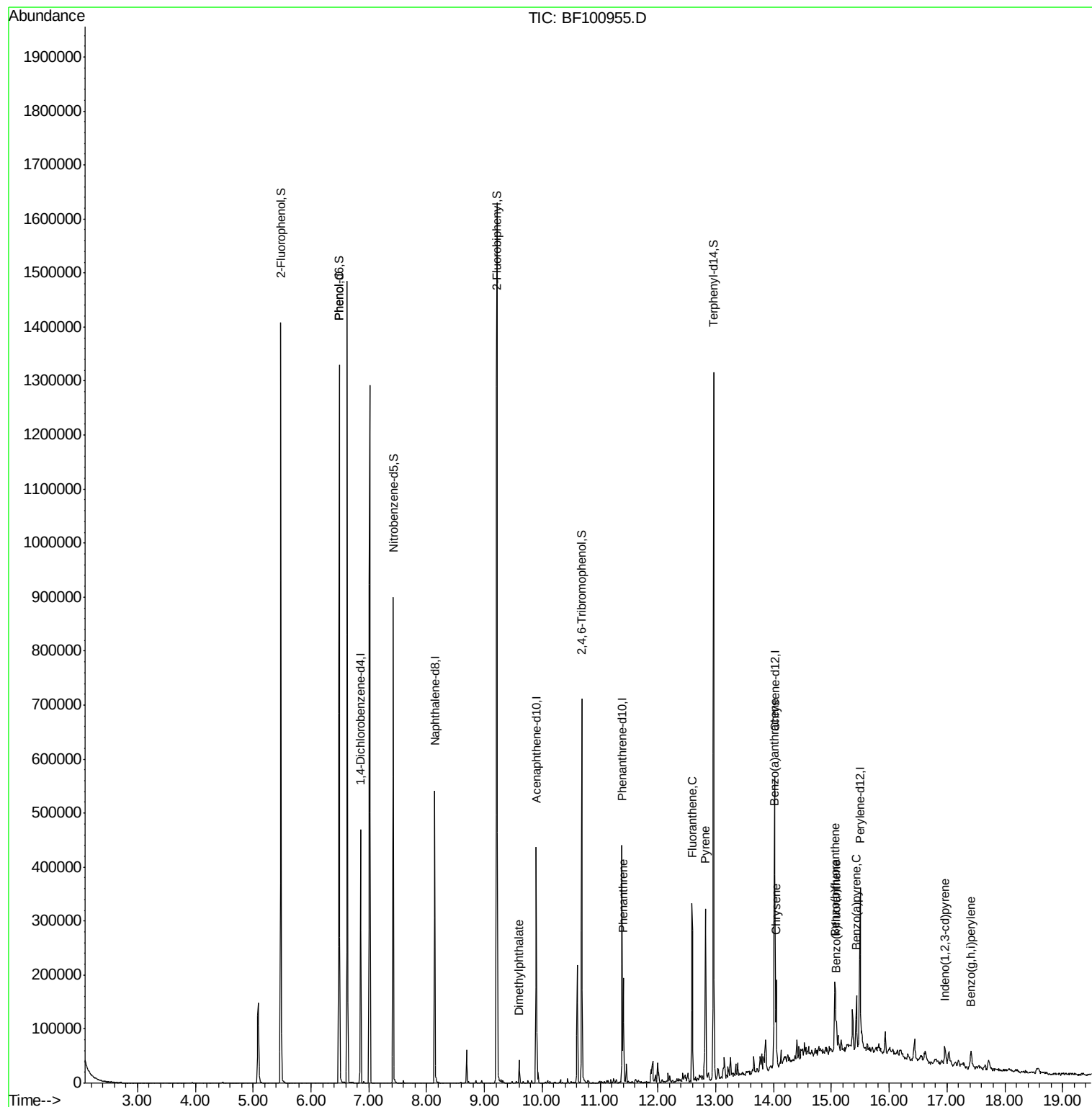
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100955.D
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Operator : SJ/JU
Sample : I6579-07
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ALS Vial : 32 Sample Multiplier: 1

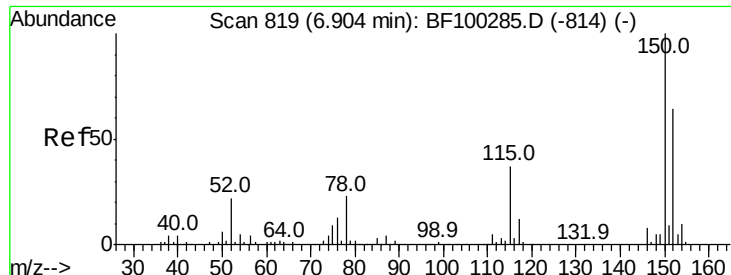
Instrument :
BNA_F
ClientSampleId :
HAR-3-E(0-1)

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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

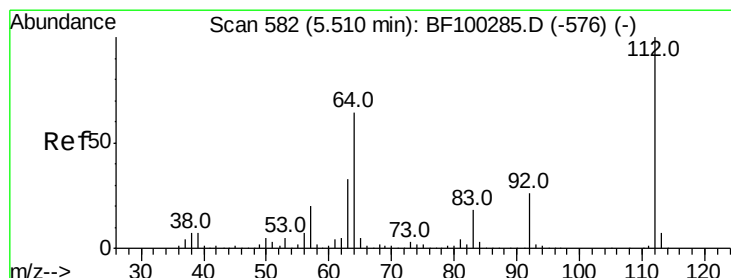
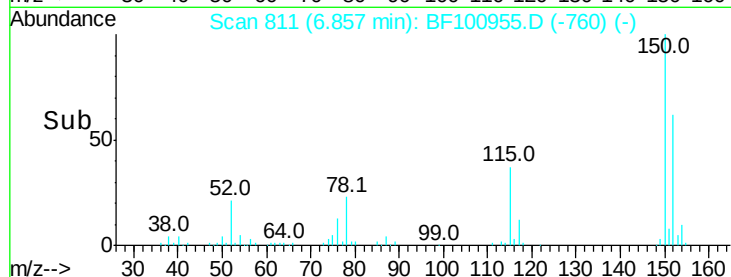
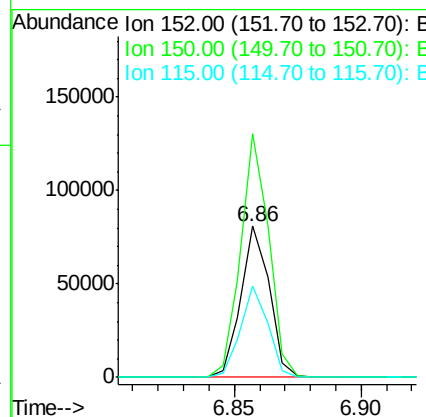
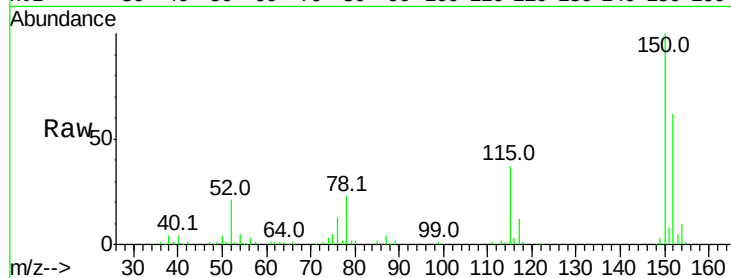
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	60.3	50.1	75.1

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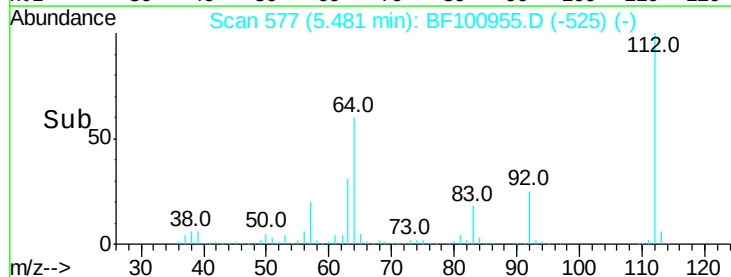
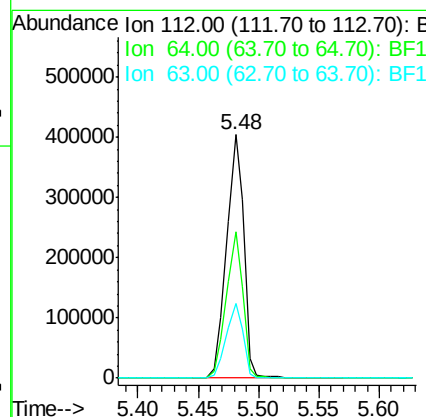
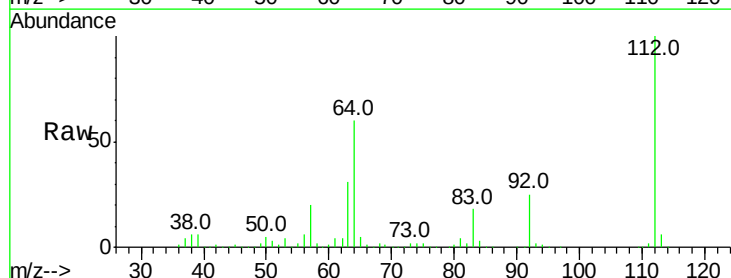
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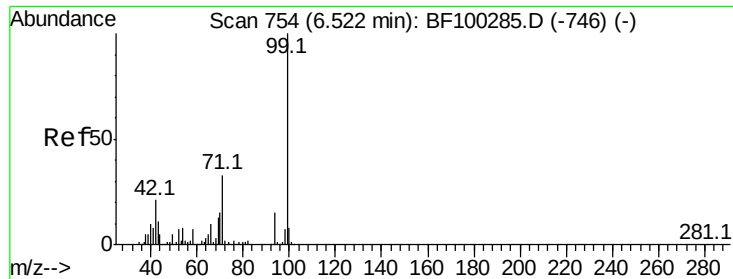


#5

2-Fluorophenol
Concen: 101.117 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 94.514 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF100955.D

Acq: 29 Nov 2017 1:43

Instrument :

BNA_F

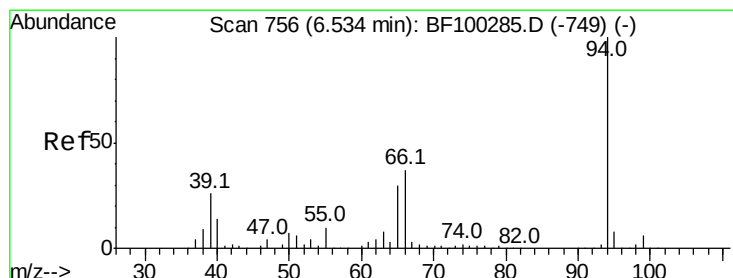
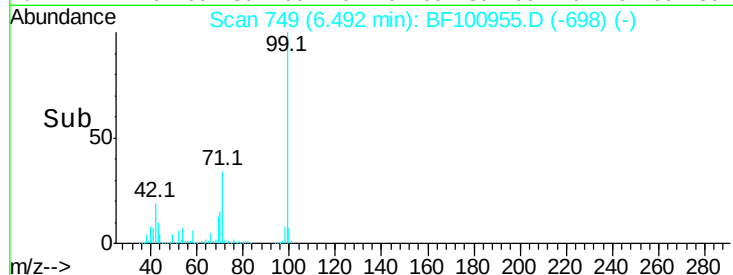
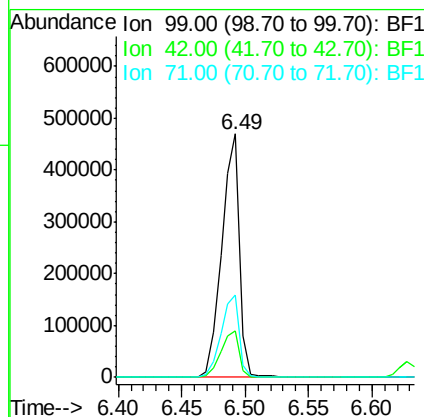
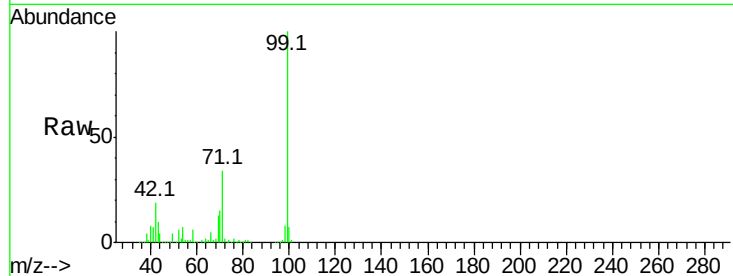
ClientSampleId :

HAR-3-E(0-1)

Tot Ion:	99	Resp:	459413
Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.8	25.4	38.0

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#10

Phenol

Concen: 2.066 ng

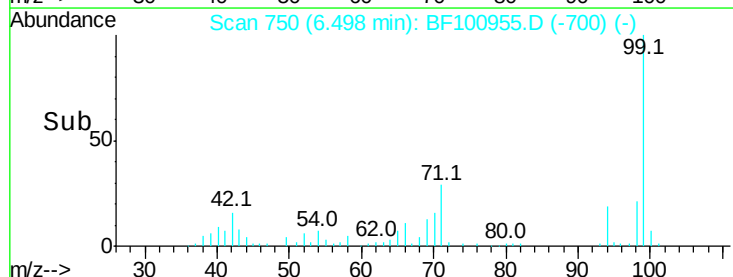
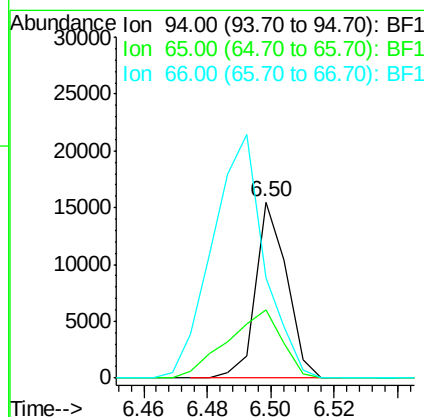
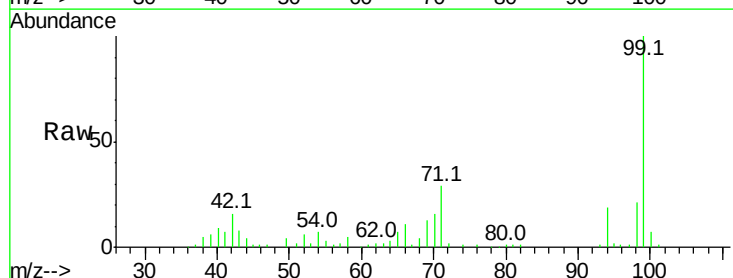
RT: 6.50 min Scan# 750

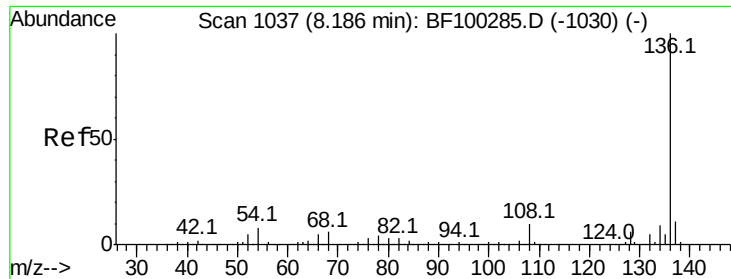
Delta R.T. -0.01 min

Lab File: BF100955.D

Acq: 29 Nov 2017 1:43

Tgt Ion:	94	Resp:	10541
Ion	Ratio	Lower	Upper
94	100		
65	38.5	7.9	47.9
66	57.1	16.2	56.2#





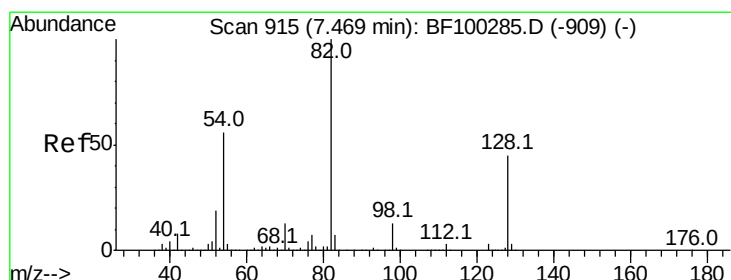
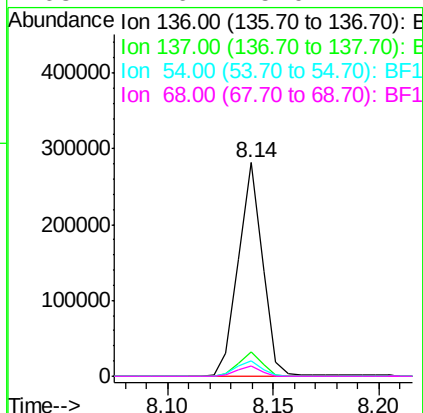
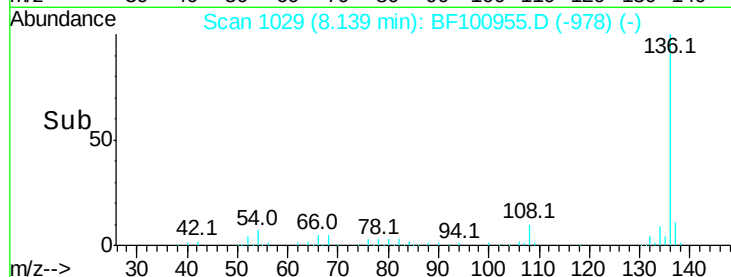
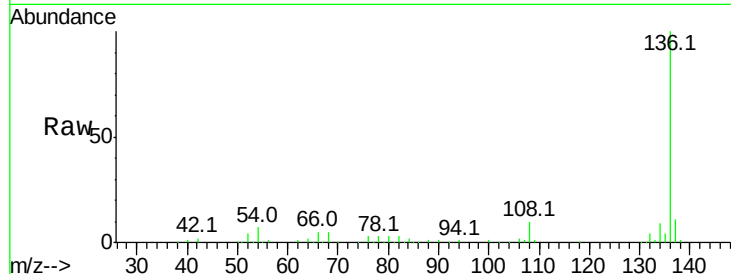
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	7.3	6.6	9.8	
68	4.6	5.0	7.4	

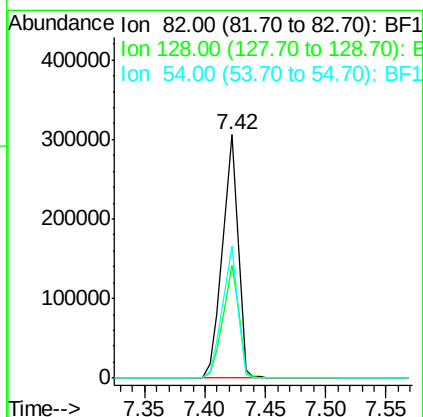
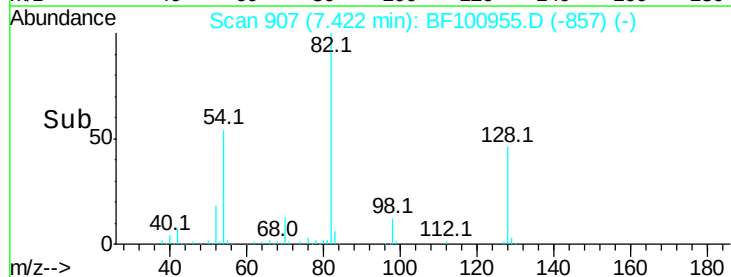
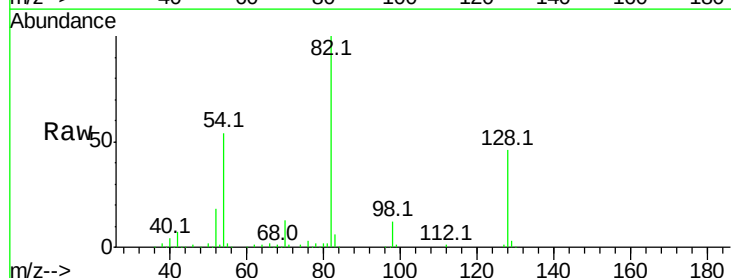
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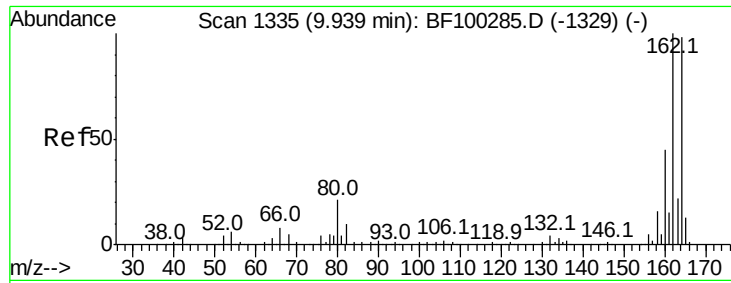
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#23
Nitrobenzene-d5
Concen: 82.609 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	36.1	54.1	
54	54.2	41.4	62.2	





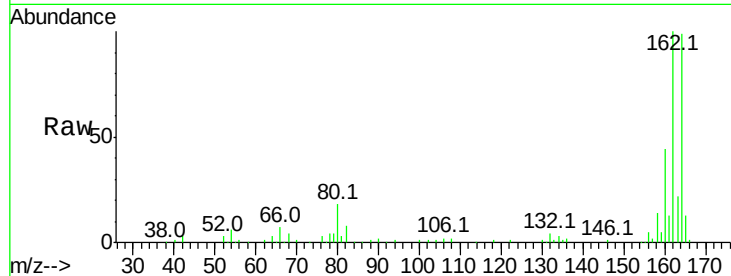
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(0-1)

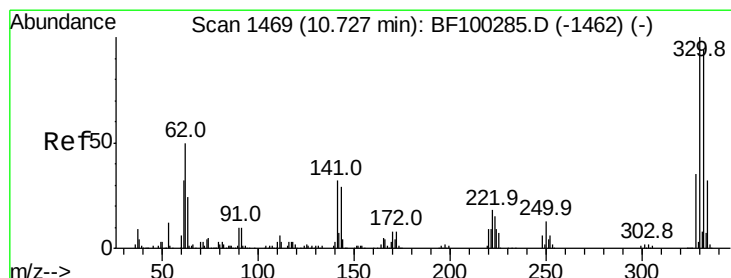
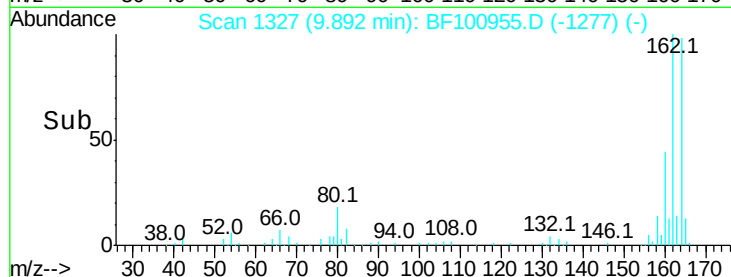
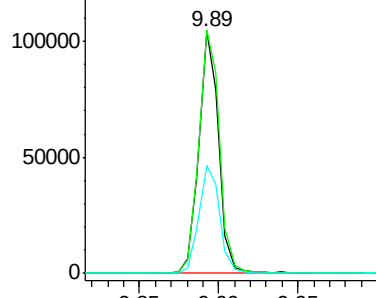
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	44.6	38.3	57.5

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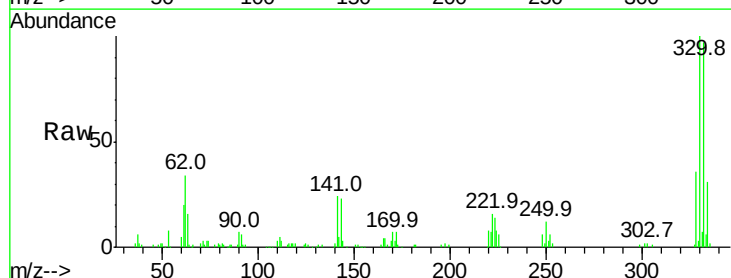


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

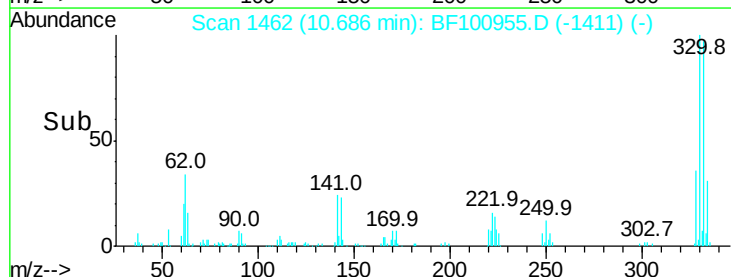
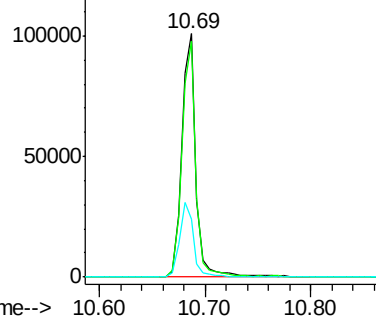


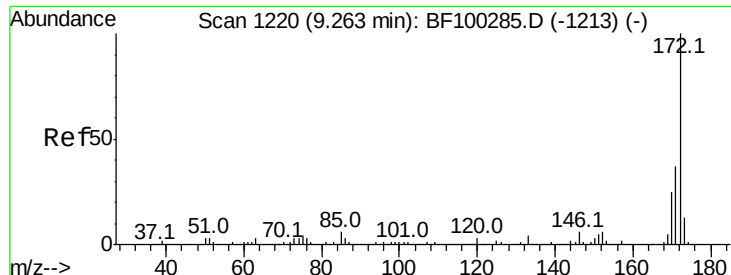
#41
2,4,6-Tribromophenol
Concen: 103.521 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	30.1	29.9	44.9



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





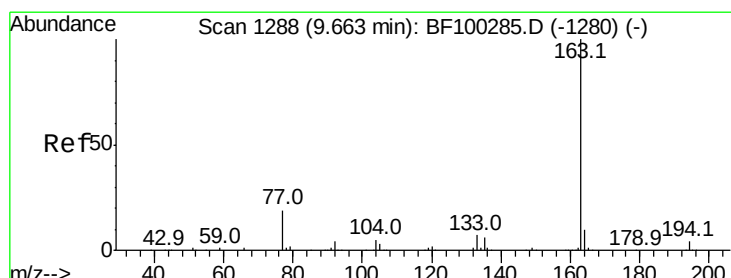
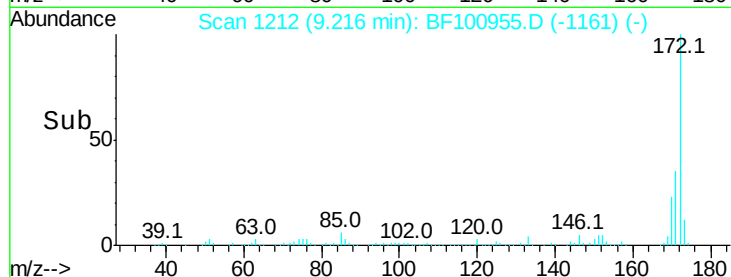
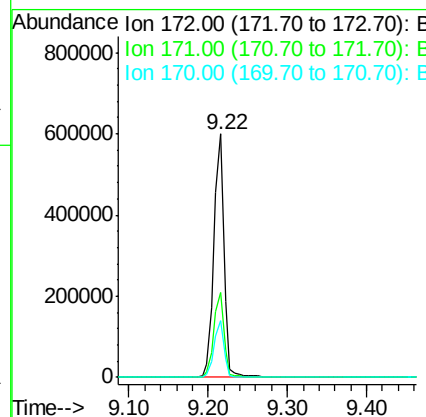
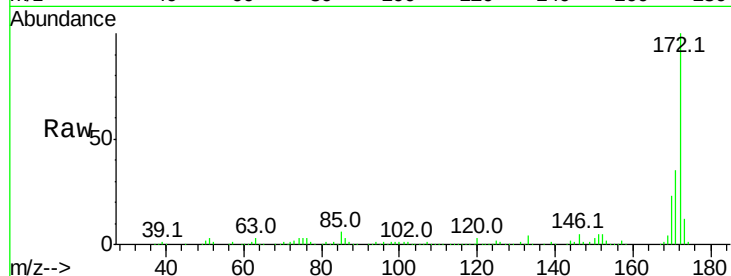
#44
2-Fluorobiphenyl
Concen: 91.308 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	29.7	44.5	
170	23.4	19.6	29.4	

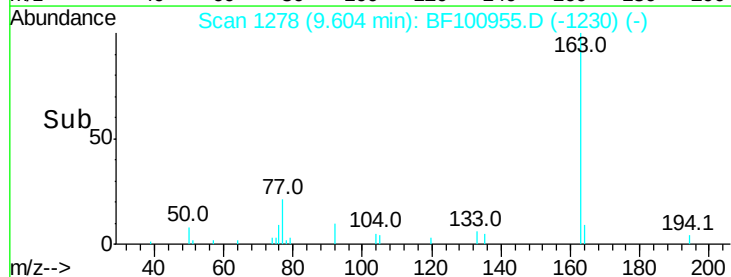
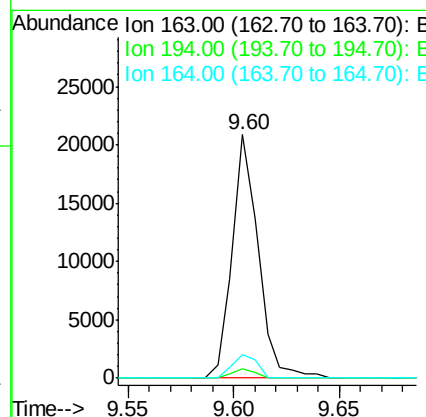
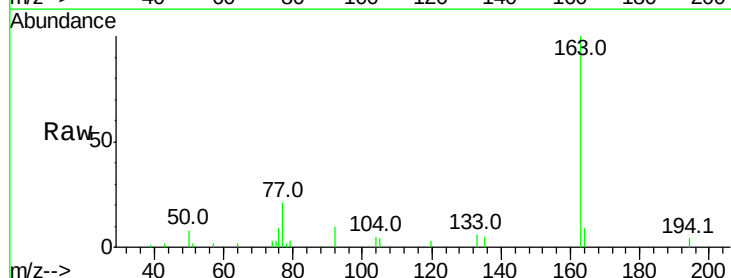
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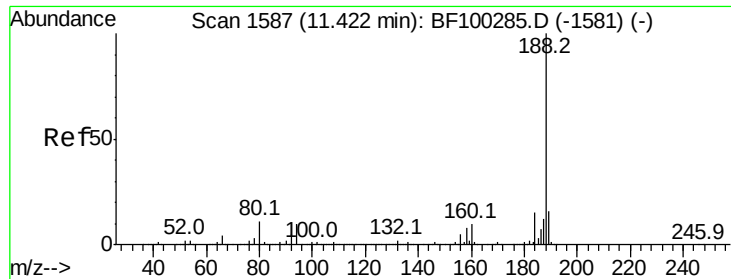
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#49
Dimethylphthalate
Concen: 2.598 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	9.4	8.2	12.2	





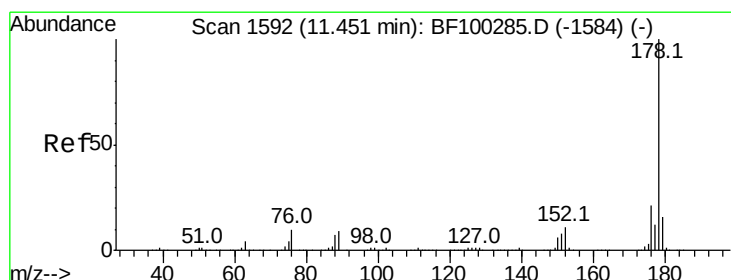
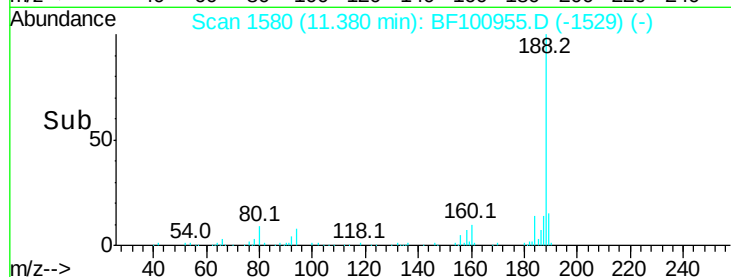
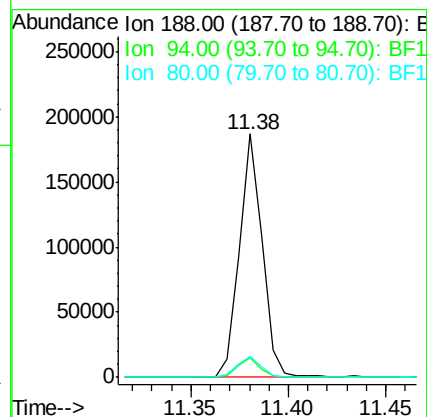
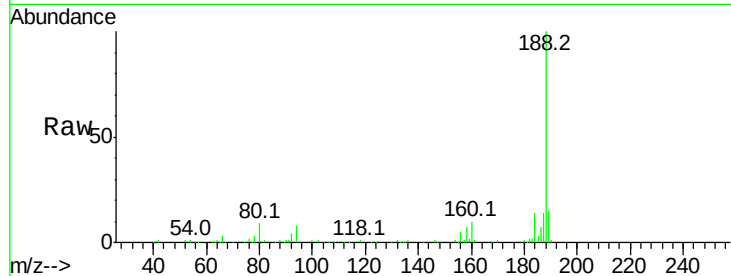
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(0-1)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.5	9.2	13.8#

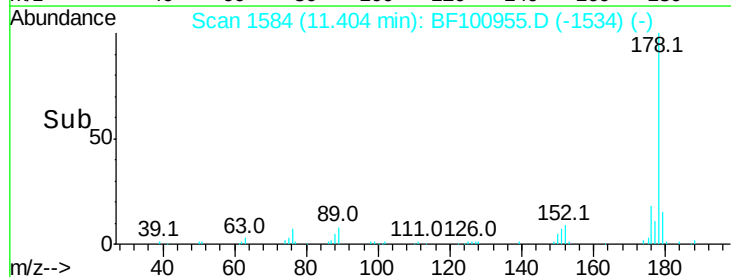
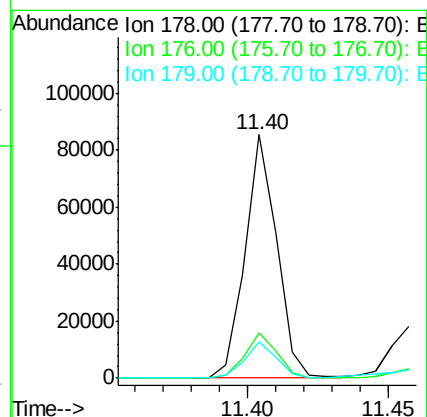
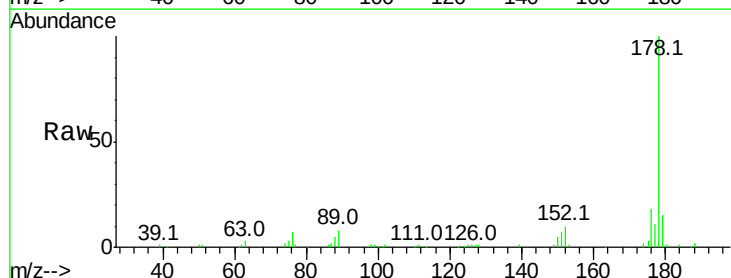
Manual Integrations
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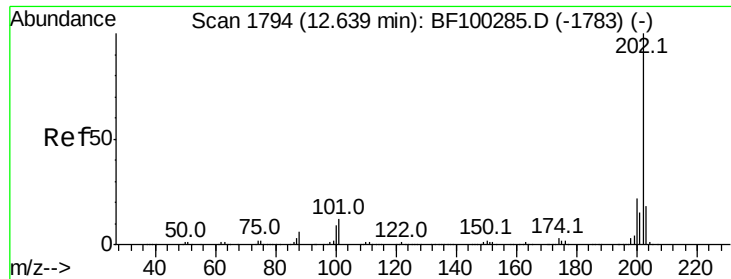
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#70
Phenanthrene
Concen: 8.311 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.0	13.0	19.6





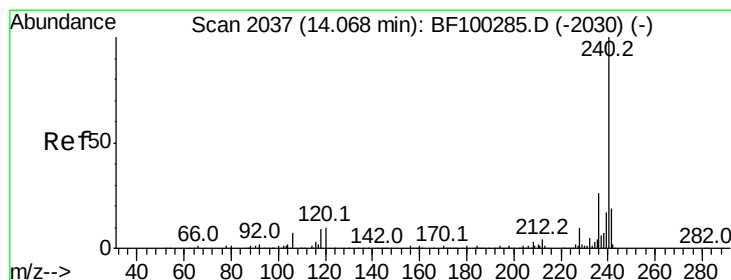
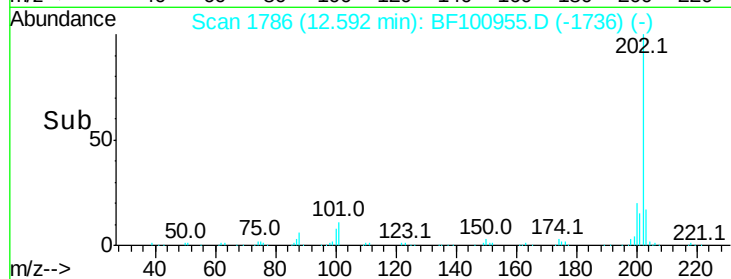
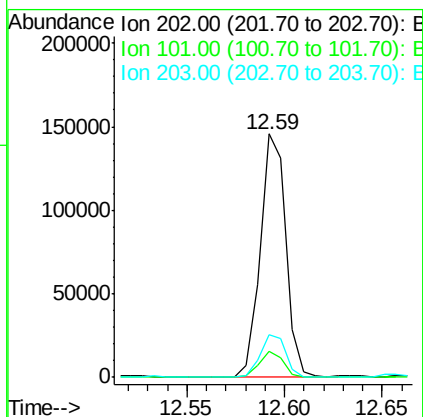
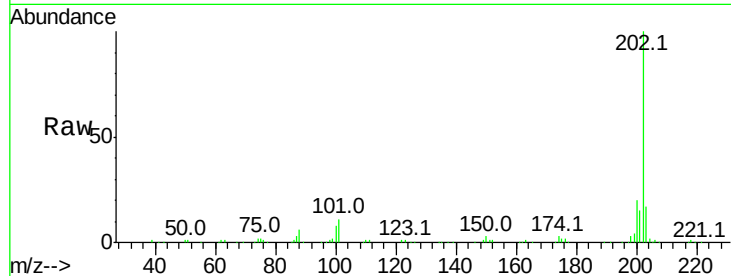
#74
Fluoranthene
Concen: 15.515 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(0-1)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	34.1
203	17.4	0.0	38.1

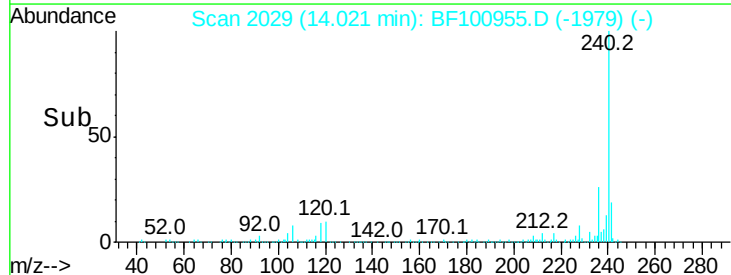
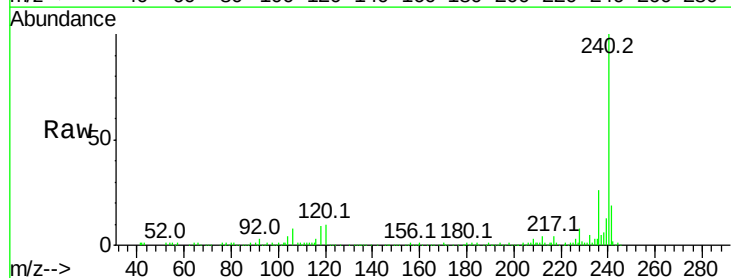
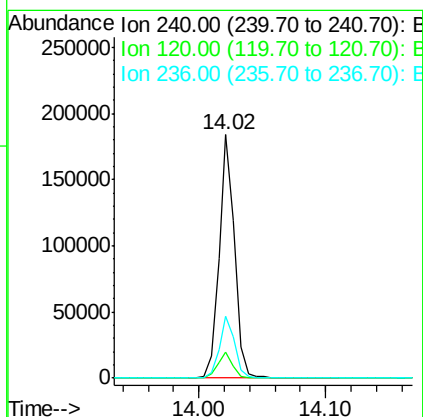
Manual Integrations
APPROVED

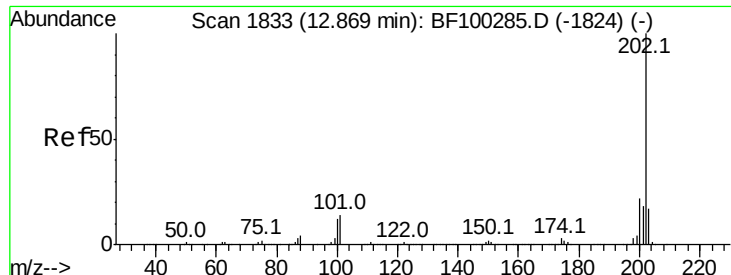
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.6	20.7	31.1





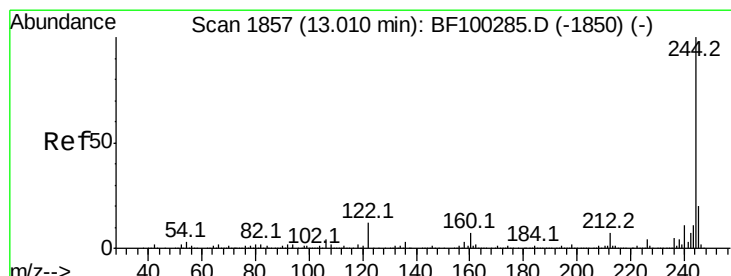
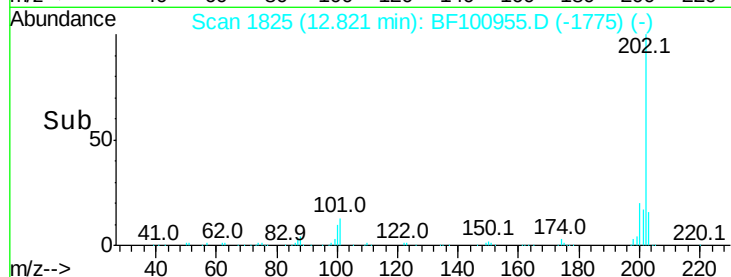
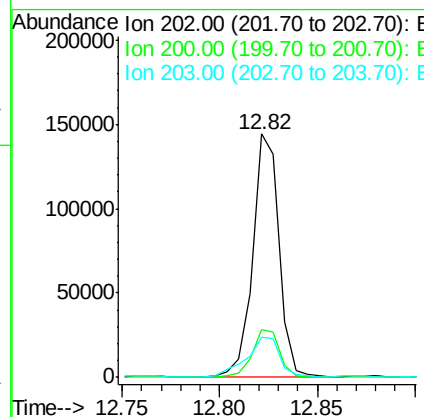
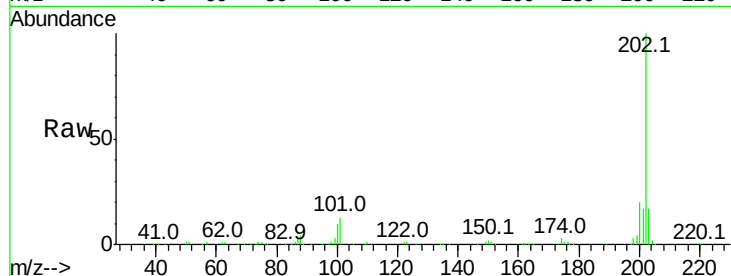
#77
Pvrene
Concen: 12.017 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(0-1)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.9	17.4	26.2
203	16.7	14.3	21.5

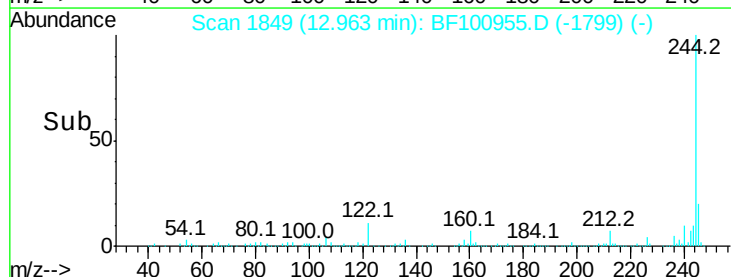
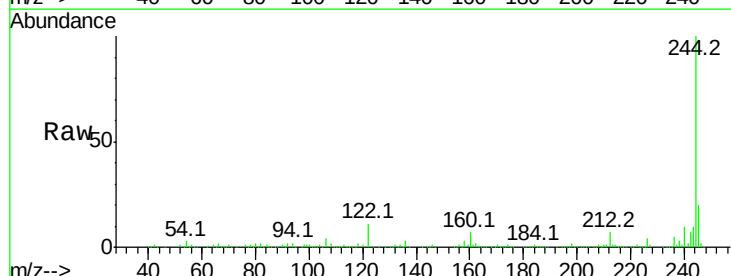
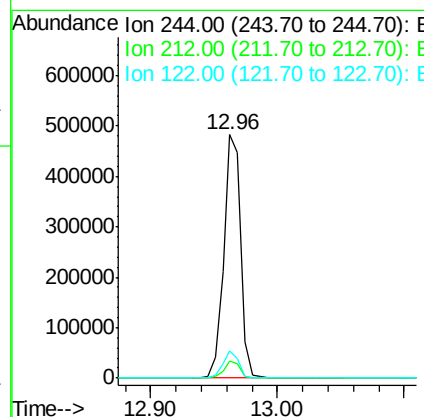
Manual Integrations
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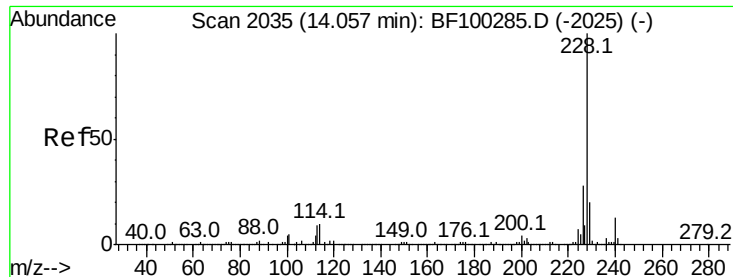
Sohil
11/29/2017 4:29:20 PM



#78
Terphenyl-d14
Concen: 65.705 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.2	11.0	16.4





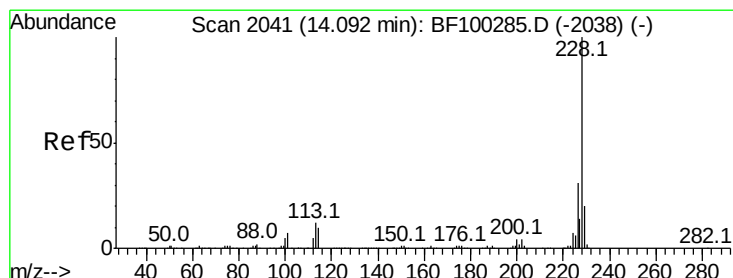
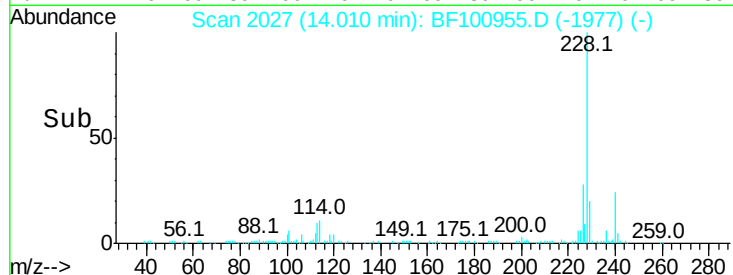
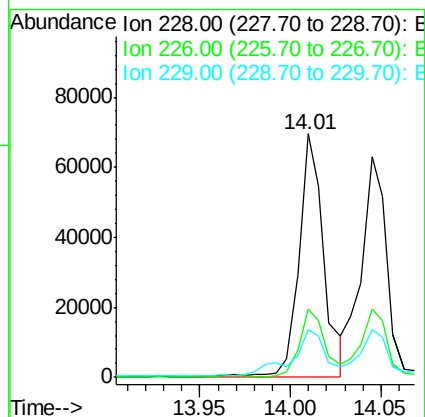
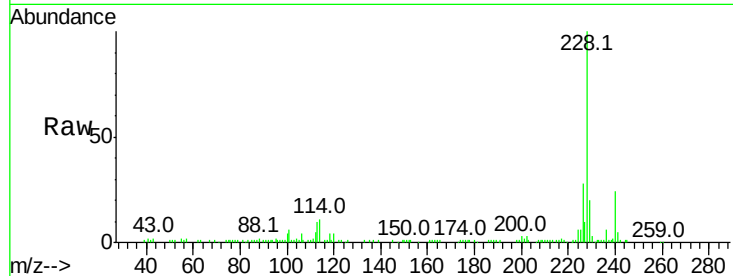
#80
Benzo(a)anthracene
Concen: 7.132 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
228	100	67423		
226	27.8		22.6	33.8
229	19.8		15.8	23.6

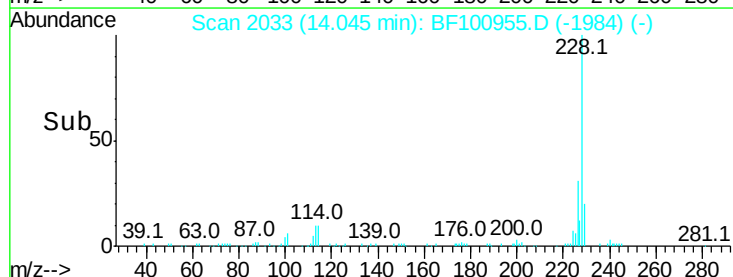
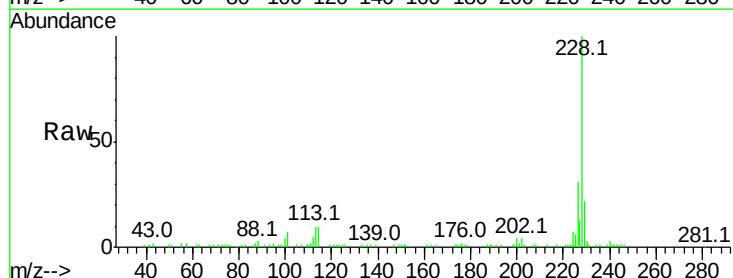
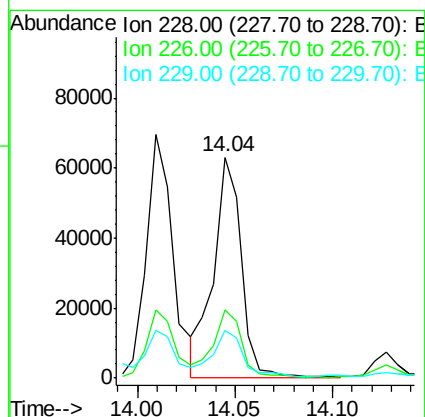
Manual Integrations
APPROVED

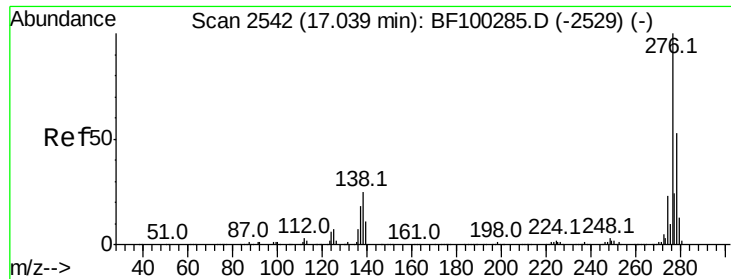
Sohil
11/29/2017 4:29:20 PM



#82
Chrysene
Concen: 6.824 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	62474		
226	31.1		25.0	37.6
229	21.7		16.2	24.4





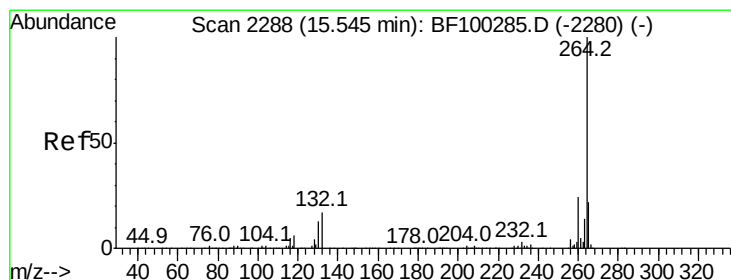
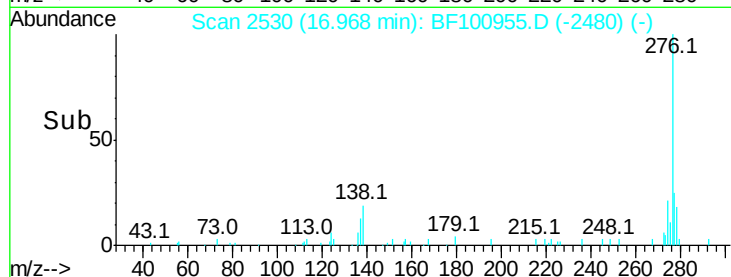
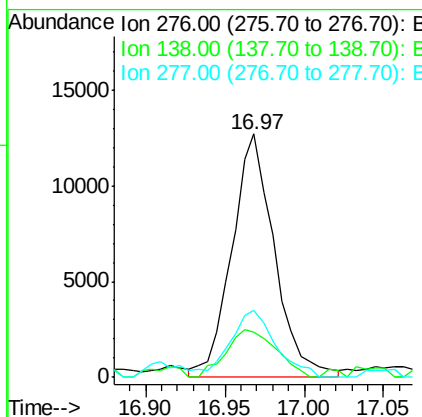
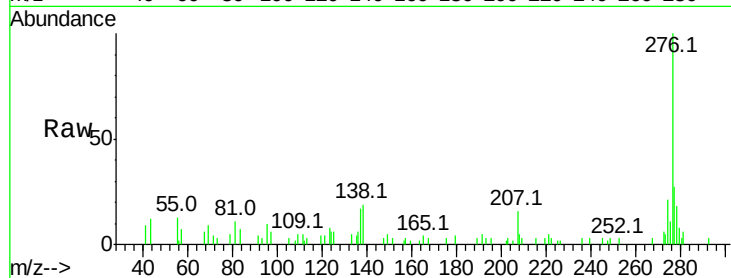
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.208 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(0-1)

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	25.0	37.6#
277	28.3	20.1	30.1

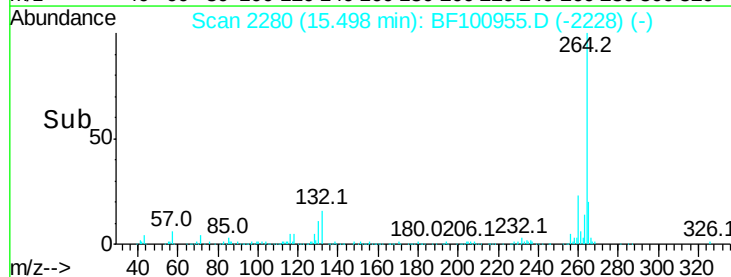
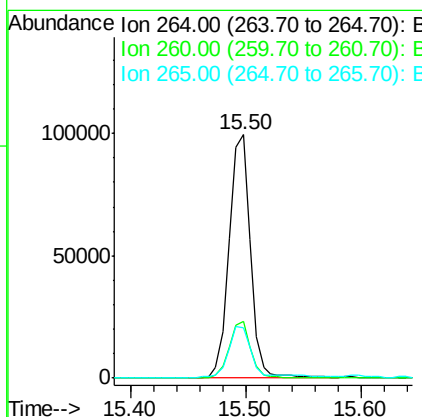
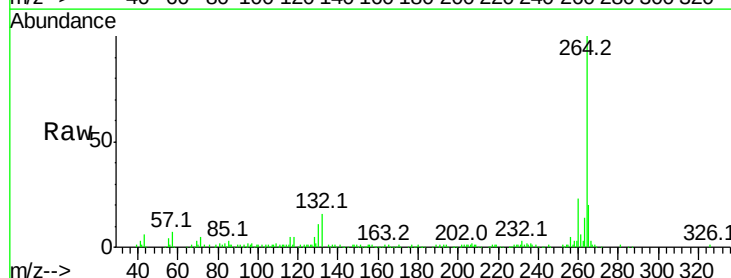
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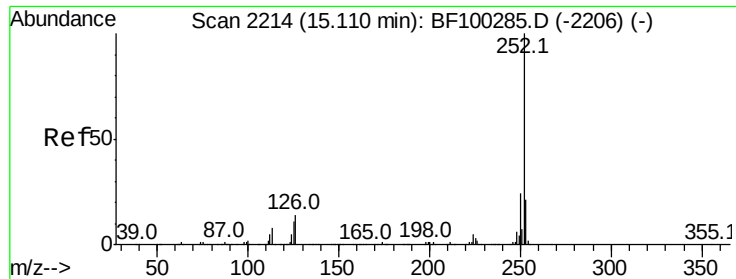
Sohil
11/29/2017 4:29:20 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.5	17.5	26.3





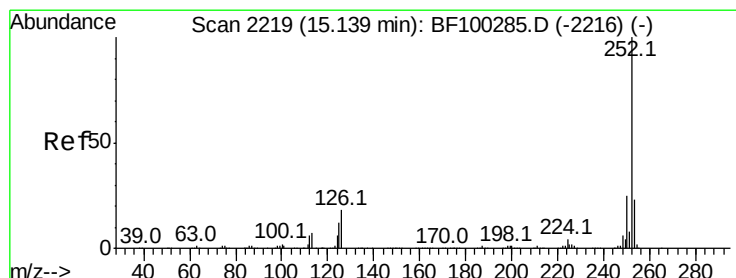
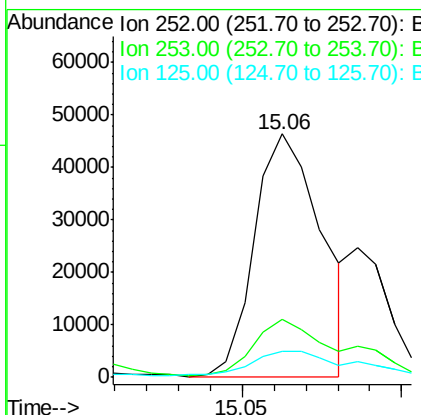
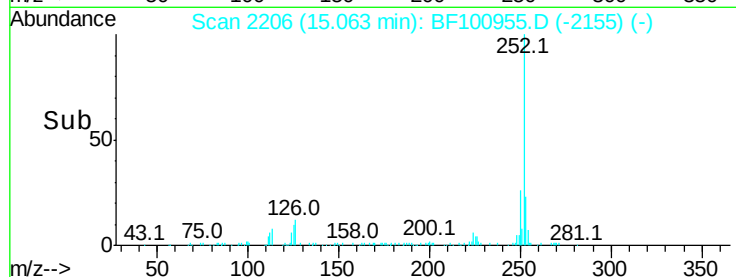
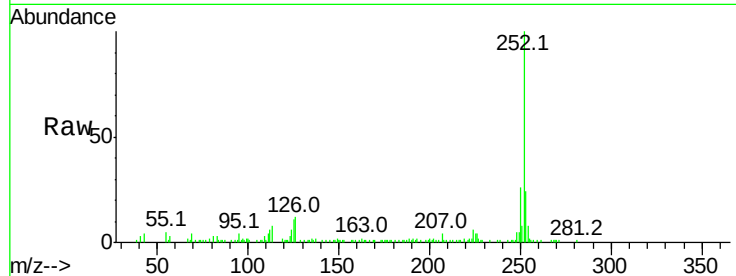
#87
Benzo(b)fluoranthene
Concen: 8.960 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	10.9	9.0	13.6

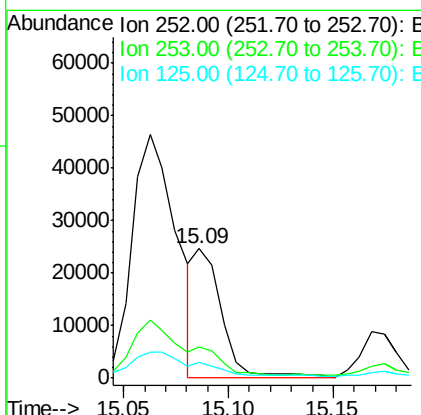
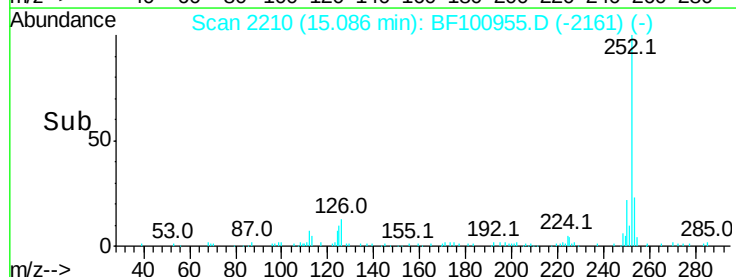
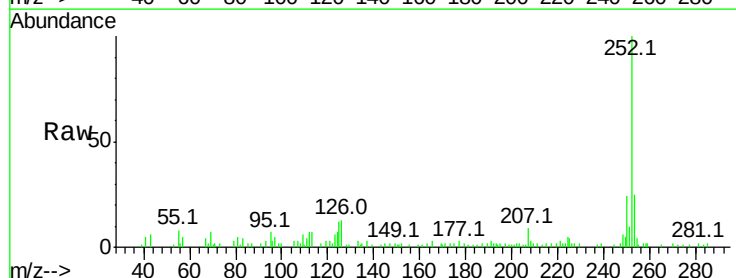
Manual Integrations
APPROVED

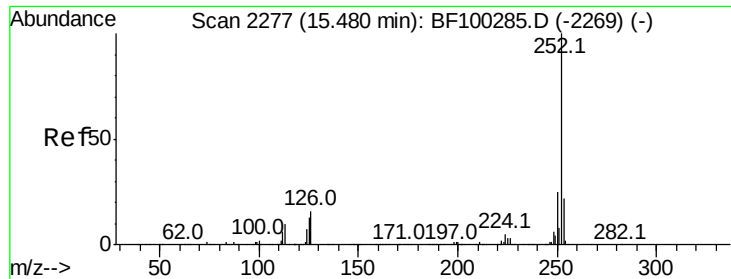
Sohil
11/29/2017 4:29:20 PM



#88
Benzo(k)fluoranthene
Concen: 3.199 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	12.1	10.2	15.2





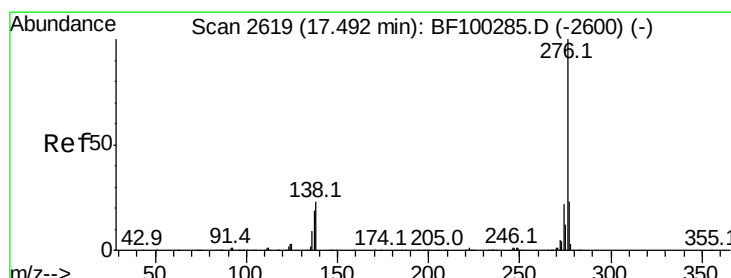
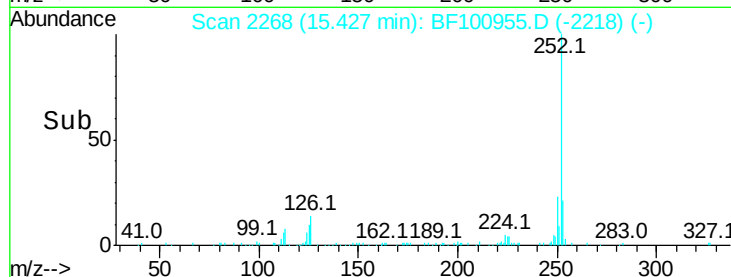
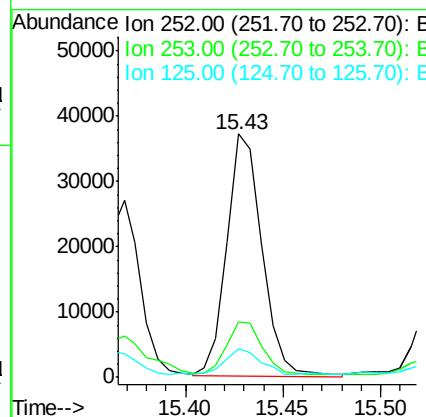
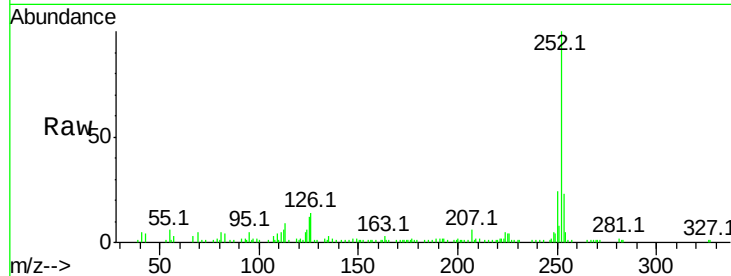
#89
Benzo(a)pyrene
Concen: 6.914 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	11.6	9.8	14.6

Manual Integrations
APPROVED

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11/29/2017 4:29:20 PM



#91
Benzo(g,h,i)perylene
Concen: 5.044 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BF100955.D
Acq: 29 Nov 2017 1:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.3	17.9	26.9#
138	19.3	21.8	32.8#

