

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087382.D
 Acq On : 25 May 2016 20:44
 Operator : UM/SJ
 Sample : H3242-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-5(6.5-7)

Manual Integrations
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Quant Time: May 25 23:53:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 22:35:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	215365	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	828739	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	338737	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	543669	20.00	ng	0.00
75) Chrysene-d12	18.47	240	454784	20.00	ng	-0.01
86) Perylene-d12	20.14	264	336665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	968585	79.03	ng	0.01
7) Phenol-d6	7.07	99	1346147	81.28	ng	0.00
23) Nitrobenzene-d5	8.43	82	846132	51.46	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	209786	64.45	ng	-0.01
44) 2-Fluorobiphenyl	11.32	172	1231904	51.27	ng	-0.01
78) Terphenyl-d14	17.13	244	781569	36.54	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.58	128	122454	2.95	ng	98
49) Dimethylphthalate	12.02	163	307755	11.34	ng	99
70) Phenanthrene	14.81	178	165886	5.51	ng	97
74) Fluoranthene	16.57	202	203910	6.75	ng	93
77) Pyrene	16.87	202	191274	5.84	ng	# 95
80) Benzo(a)anthracene	18.46	228	118818	4.59	ng	93
82) Chrysene	18.50	228	141129	5.50	ng	# 92
87) Benzo(b)fluoranthene	19.73	252	131782m	6.14	ng	
89) Benzo(a)pyrene	20.08	252	75693	4.08	ng	95
91) Benzo(g,h,i)perylene	21.71	276	41116	2.63	ng	94

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

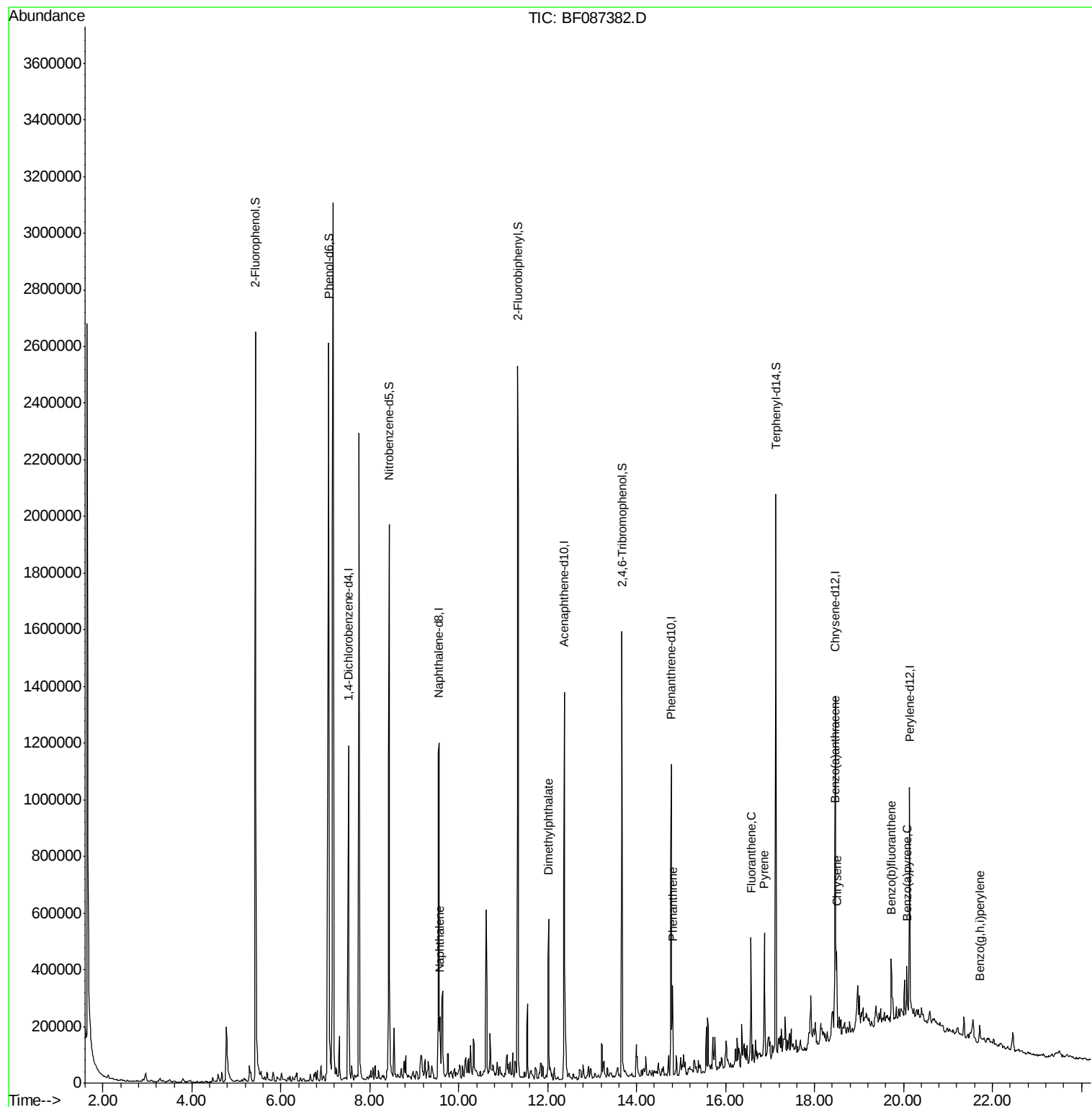
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087382.D
Acq On : 25 May 2016 20:44
Operator : UM/SJ
Sample : H3242-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

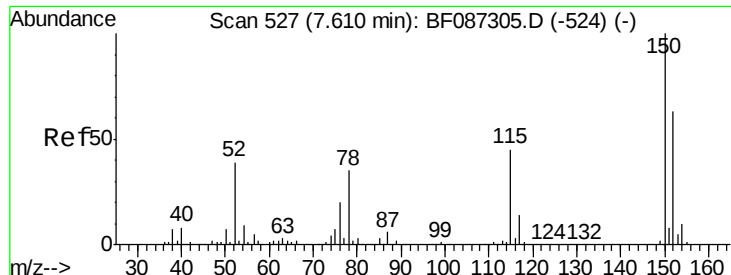
Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

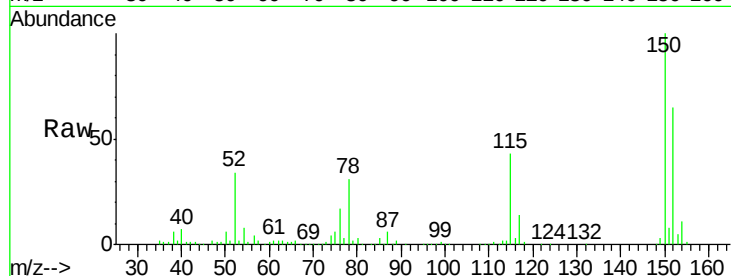
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tot Ion	Ratio	Resp	Lower	Upper
152	100	215365		
150	154.1	125.8	188.6	
115	66.2	51.5	77.3	

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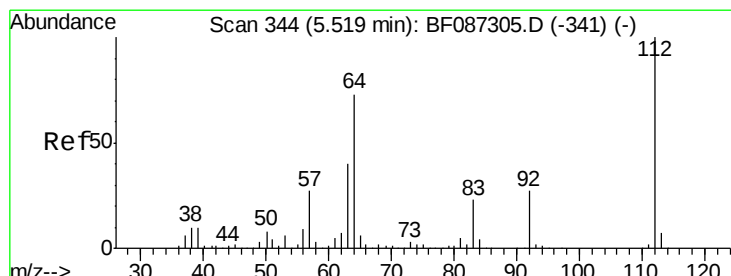
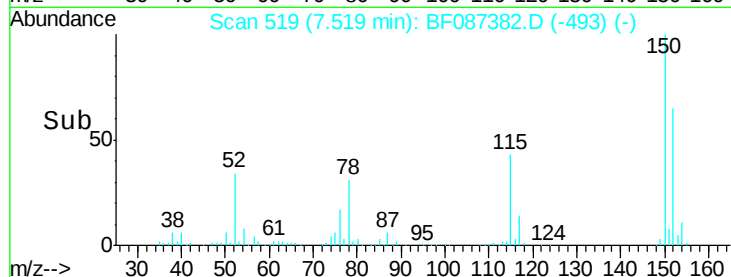
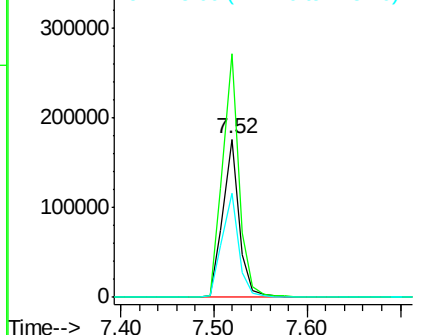


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

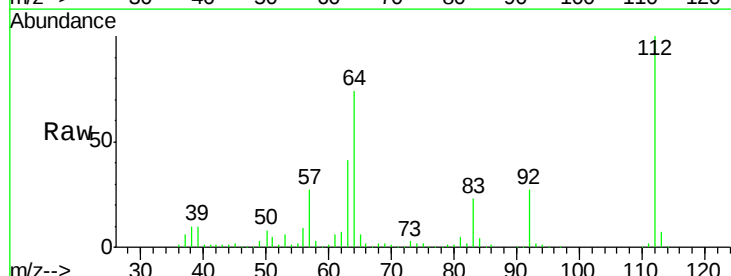
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.03 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	968585		
64	73.5	52.1	78.1	
63	40.7	25.7	38.5	

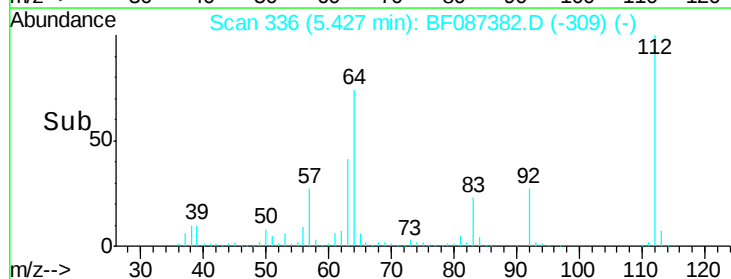
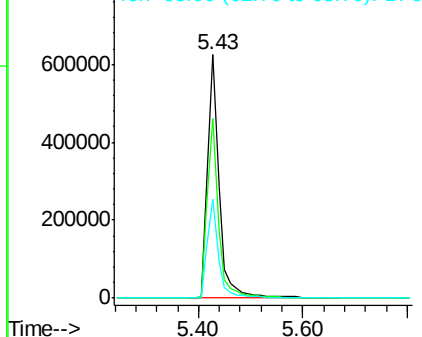


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 81.28 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF087382.D

Acq: 25 May 2016 20:44

Instrument :

BNA_F

ClientSampled :

E-5(6.5-7)

Tot Ion: 99 Resp: 1346147

Ion Ratio Lower Upper

99 100

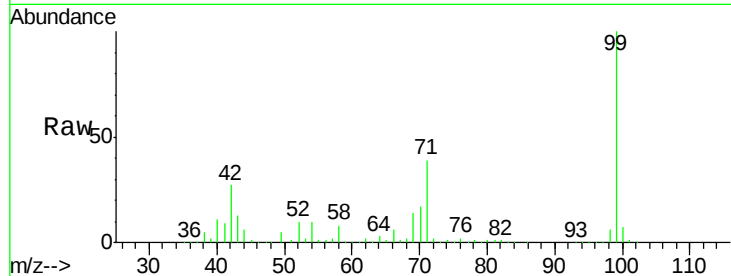
42 27.3 13.6 20.4#

71 38.5 24.6 36.8#

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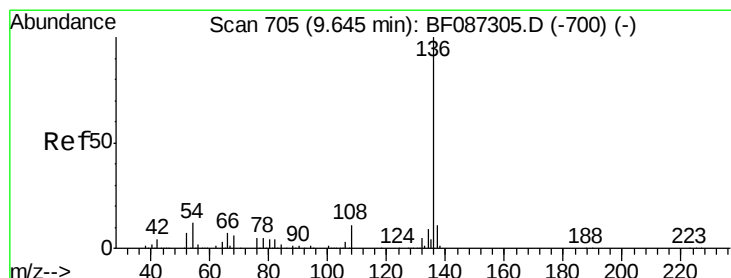
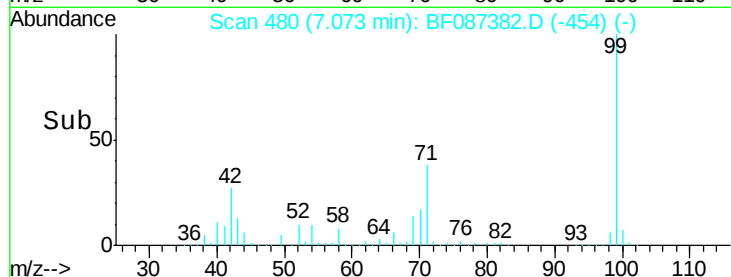
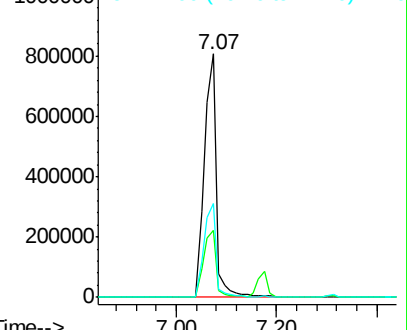
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF087382.D

Acq: 25 May 2016 20:44

Tgt Ion: 136 Resp: 828739

Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.1 5.0 7.4#

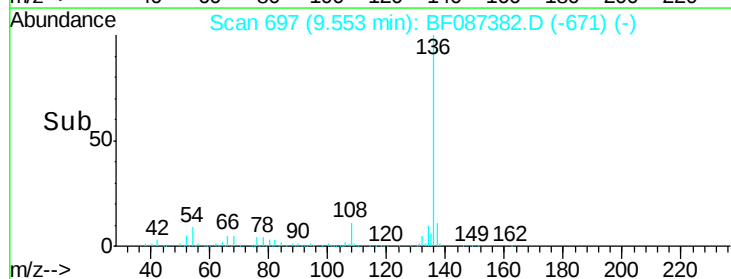
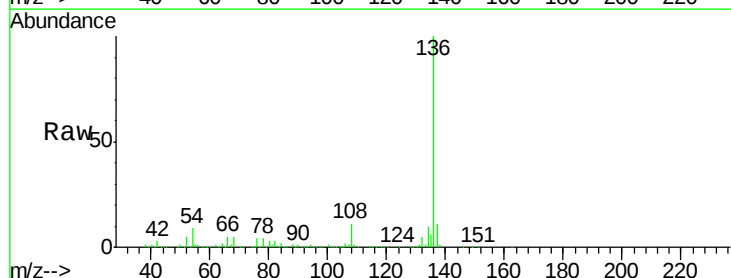
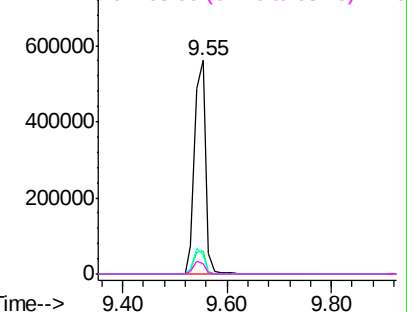
68 4.9 4.4 6.6

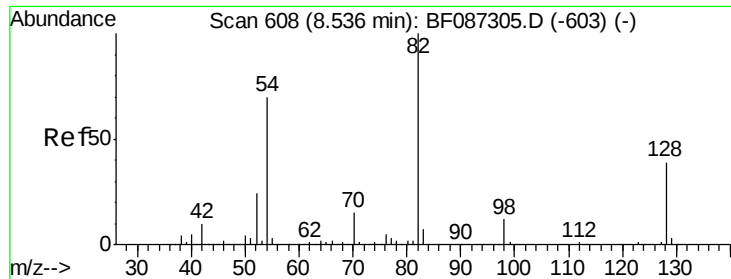
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





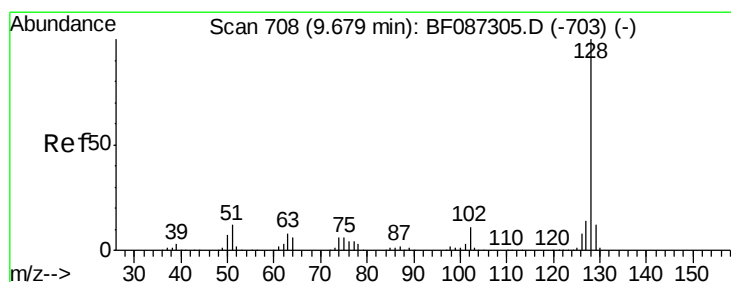
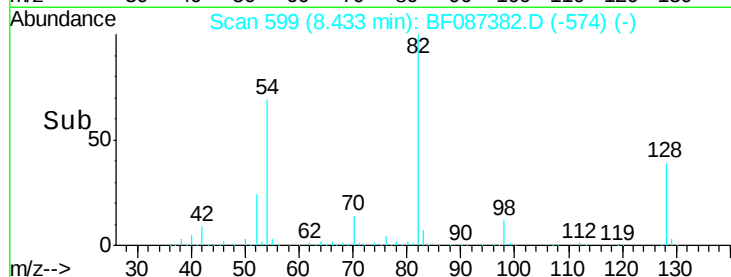
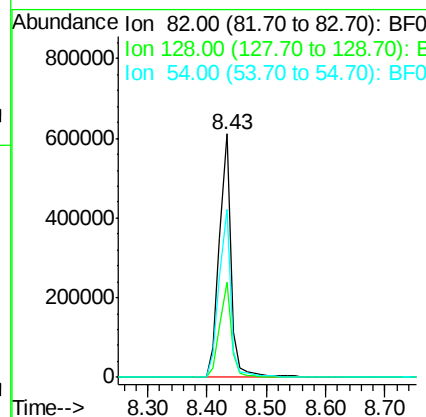
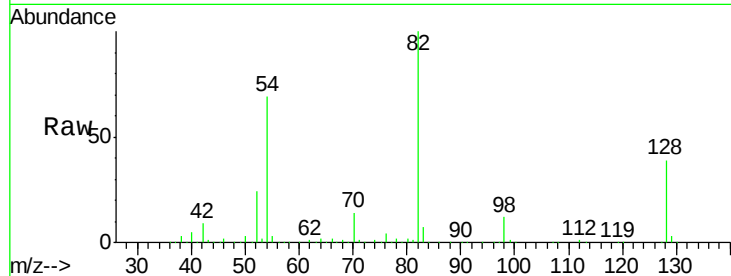
#23
Nitrobenzene-d5
Concen: 51.46 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	38.8	40.6	61.0#
54	69.0	38.1	57.1#

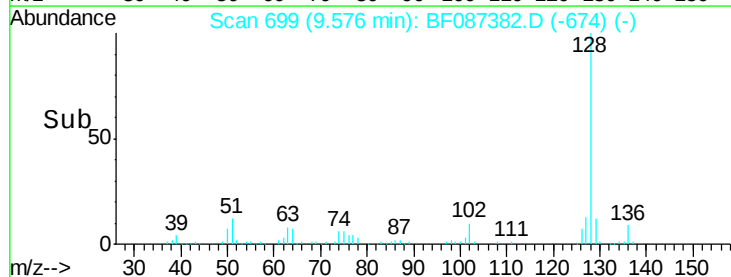
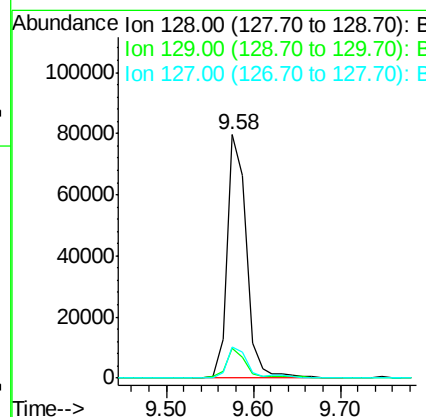
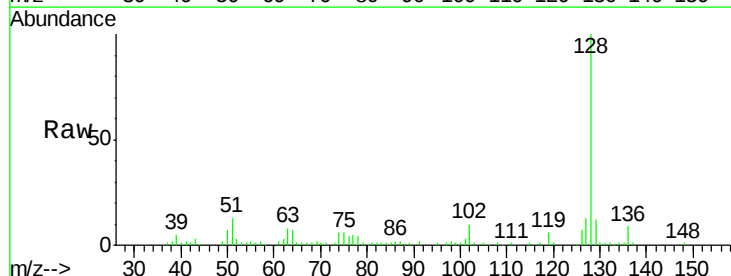
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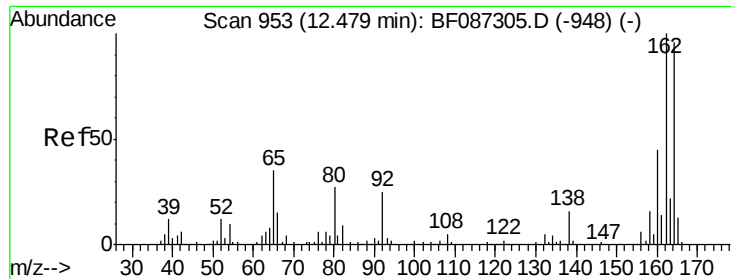
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#31
Naphthalene
Concen: 2.95 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	12.1	8.6	13.0
127	13.0	10.8	16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087382.D

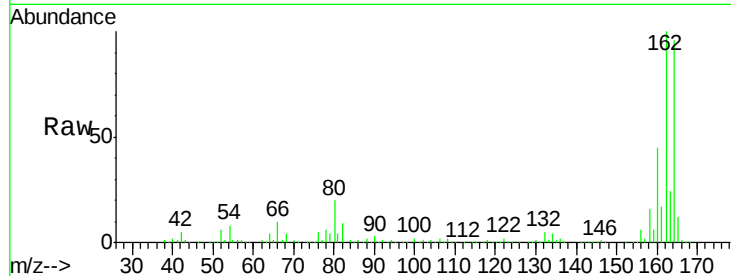
Acq: 25 May 2016 20:44

Instrument :

BNA_F

ClientSampleId :

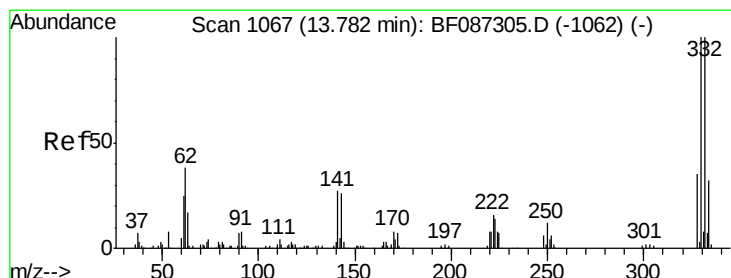
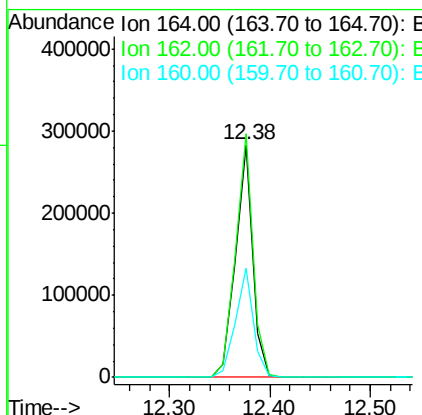
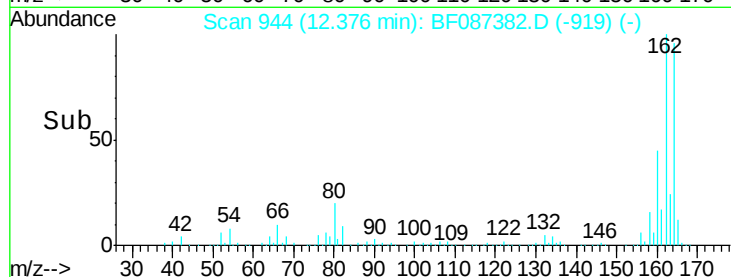
E-5(6.5-7)



Tot Ion:	164	Resp:	338737
Ion Ratio	Lower	Upper	
164	100		
162	104.7	82.8	124.2
160	47.1	36.9	55.3

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#41

2,4,6-Tribromophenol

Concen: 64.45 ng

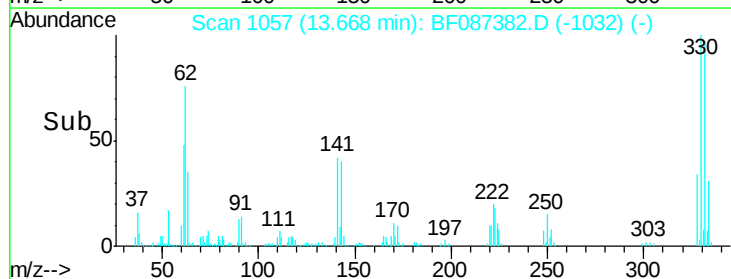
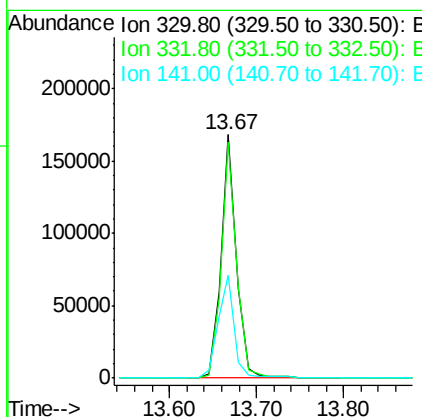
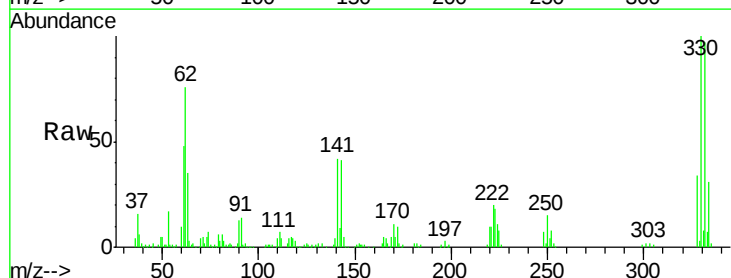
RT: 13.67 min Scan# 1057

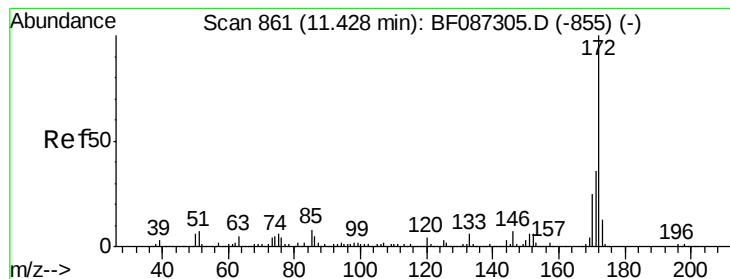
Delta R.T. -0.01 min

Lab File: BF087382.D

Acq: 25 May 2016 20:44

Tgt Ion:	330	Resp:	209786
Ion Ratio	Lower	Upper	
330	100		
332	96.9	79.0	118.4
141	45.3	31.2	46.8





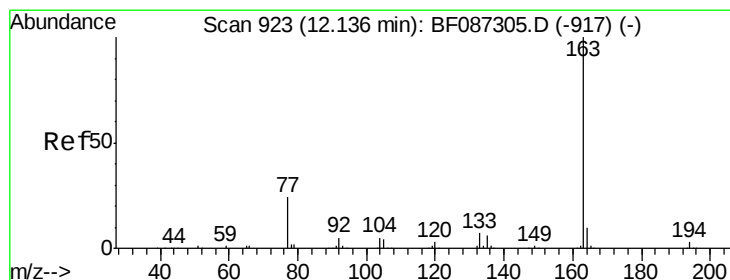
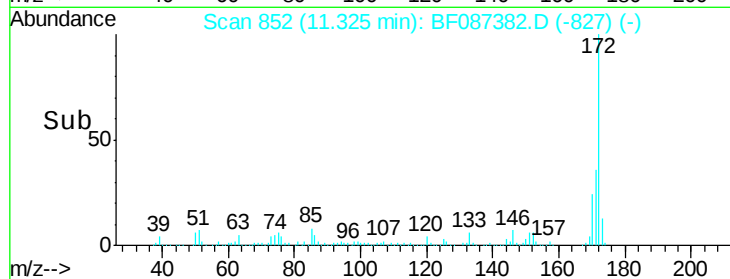
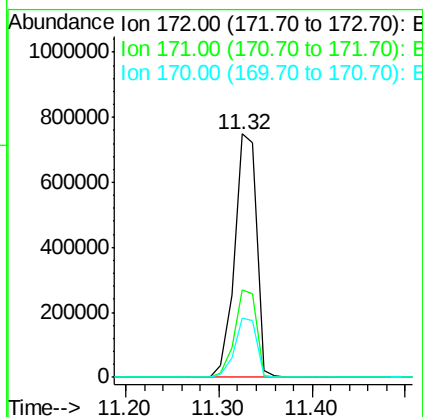
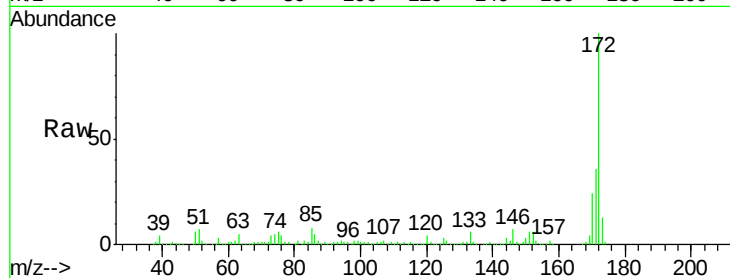
#44
2-Fluorobiphenyl
Concen: 51.27 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.2	29.0	43.6	
170	24.2	19.8	29.8	

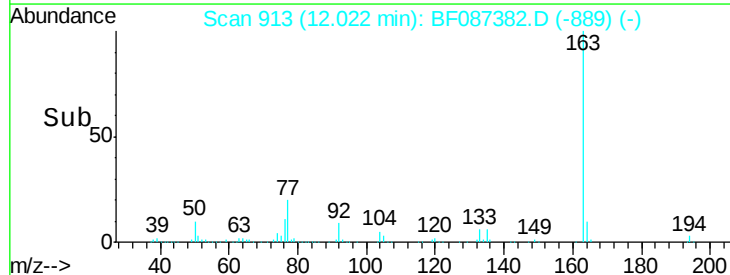
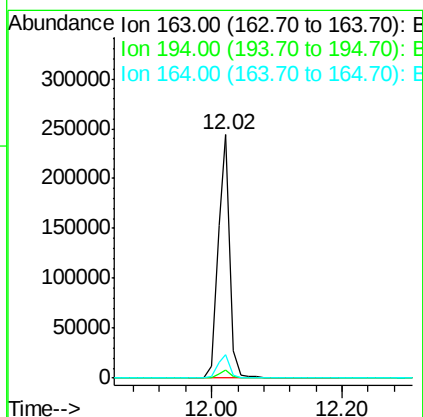
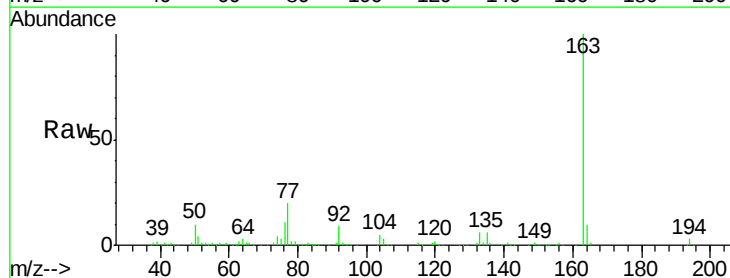
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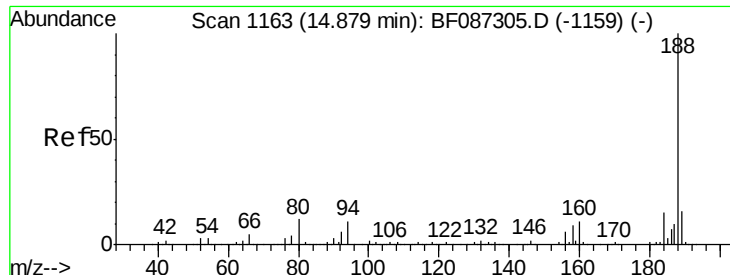
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#49
Dimethylphthalate
Concen: 11.34 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	9.9	8.2	12.4	





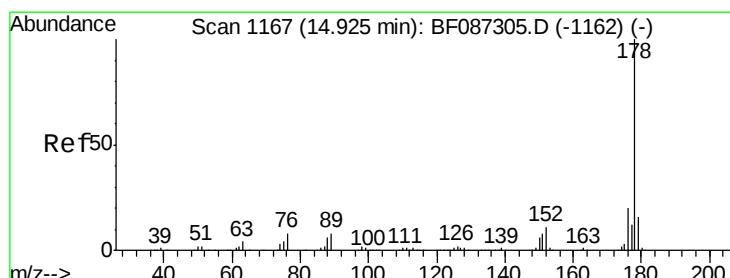
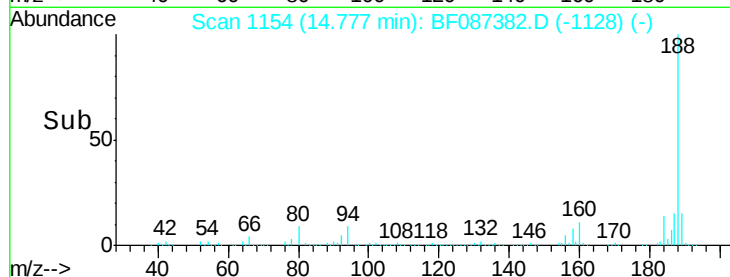
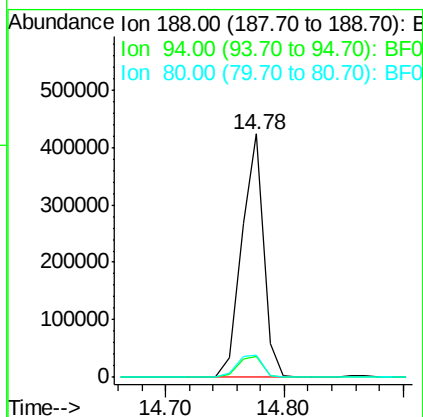
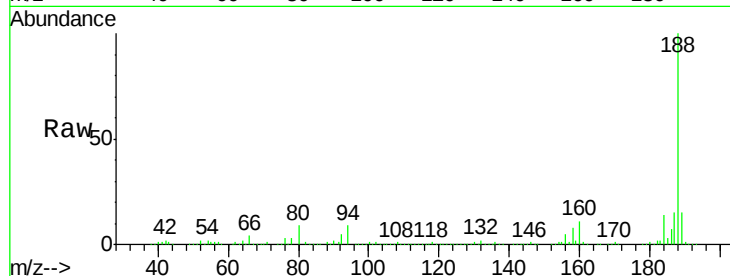
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	543669		
94	8.7		6.8	10.2
80	9.1		7.1	10.7

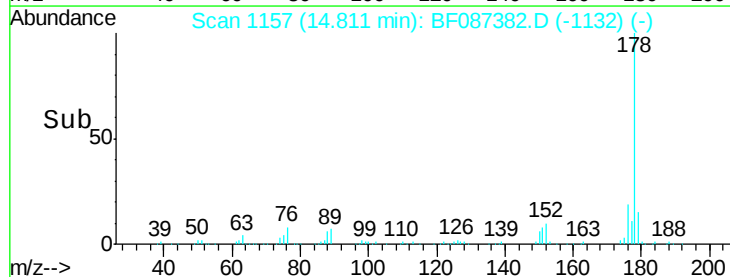
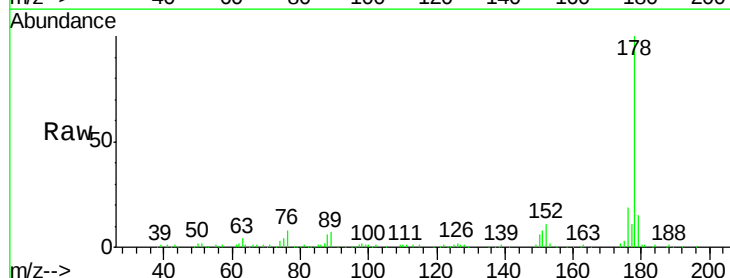
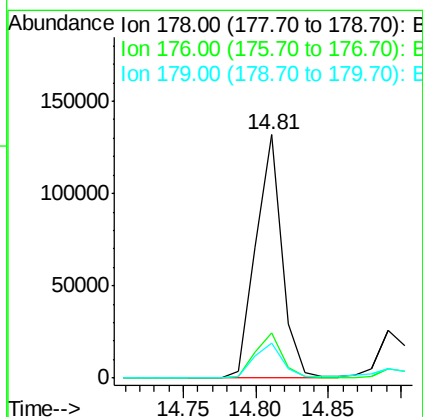
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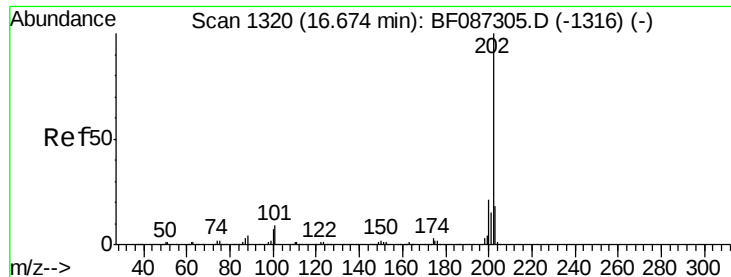
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#70
Phenanthrene
Concen: 5.51 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	165886		
176	18.5		16.0	24.0
179	14.6		12.6	18.8





#74

Fluoranthene

Concen: 6.75 ng

RT: 16.57 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF087382.D

Acq: 25 May 2016 20:44

Instrument :

BNA_F

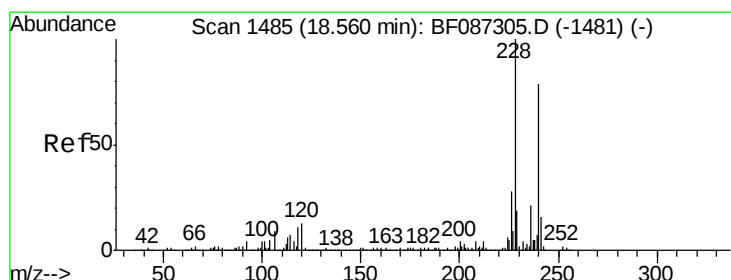
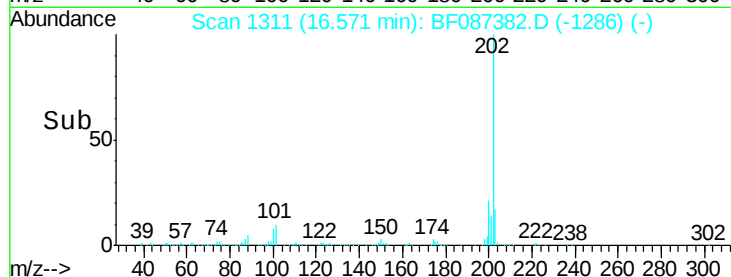
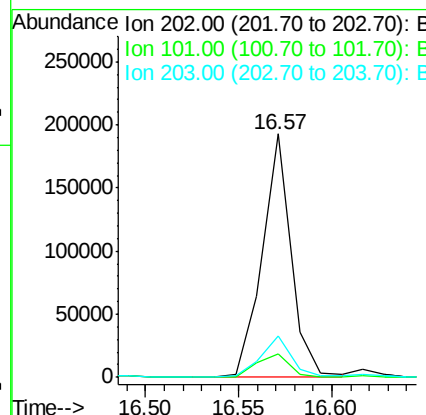
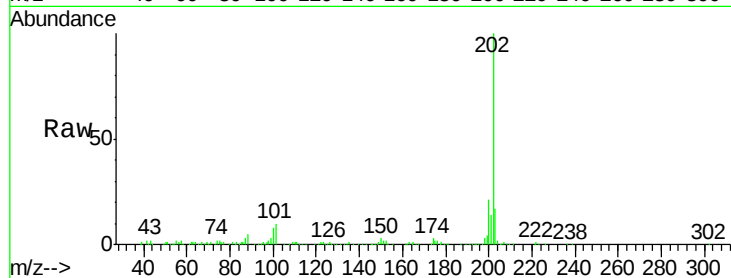
ClientSampleId :

E-5(6.5-7)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.8	0.0	35.4		
203	17.0	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

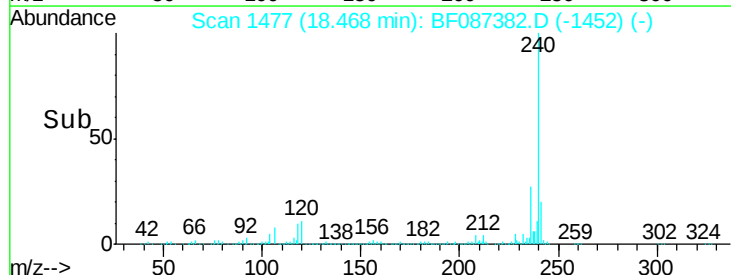
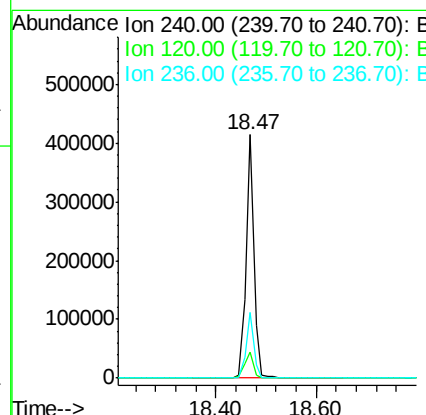
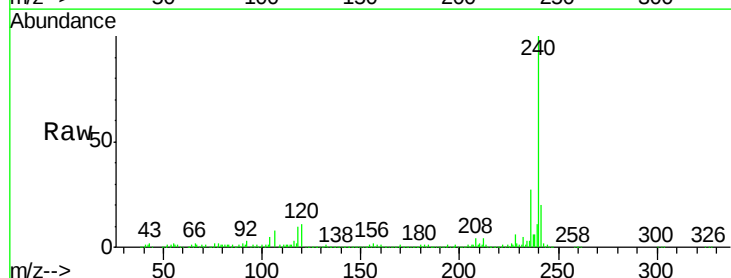
RT: 18.47 min Scan# 1477

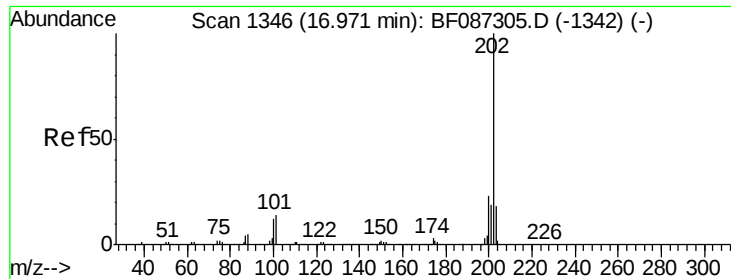
Delta R.T. -0.01 min

Lab File: BF087382.D

Acq: 25 May 2016 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.9	11.2	16.8#		
236	26.9	21.2	31.8		





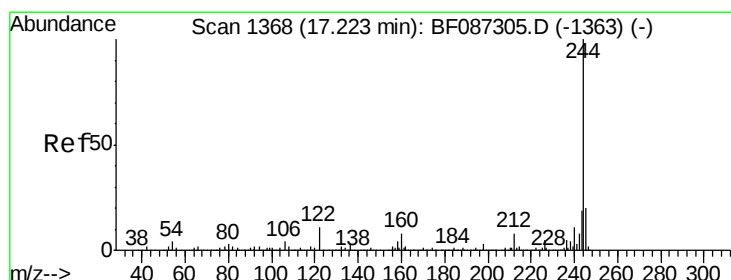
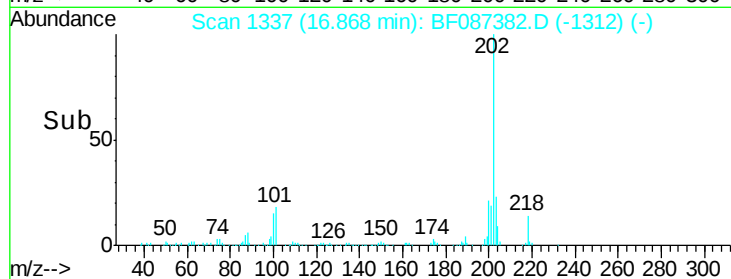
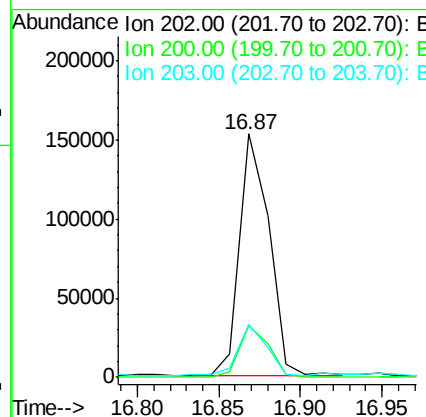
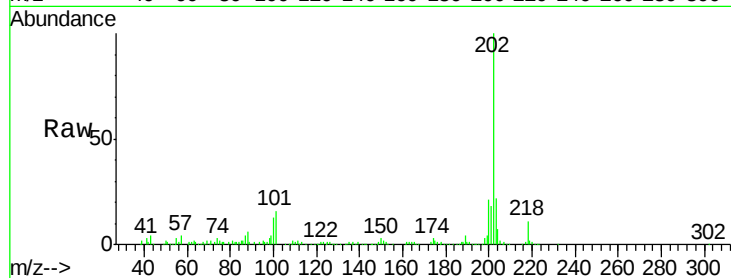
#77
Pvrene
Concen: 5.84 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.7	26.5
203	21.9	14.2	21.4

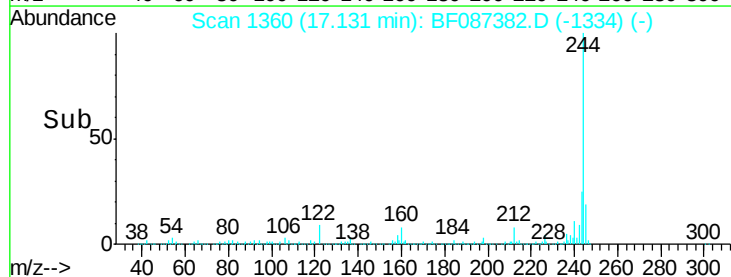
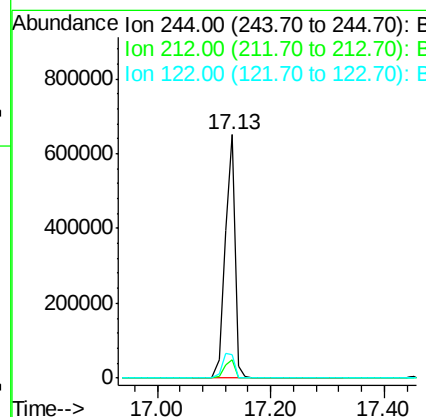
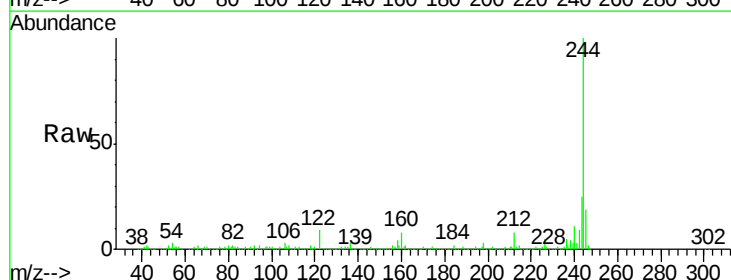
Manual Integrations
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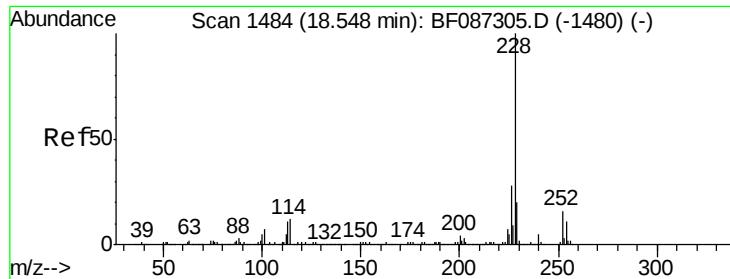
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#78
Terphenyl-d14
Concen: 36.54 ng
RT: 17.13 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.2	9.2
122	9.5	12.0	18.0





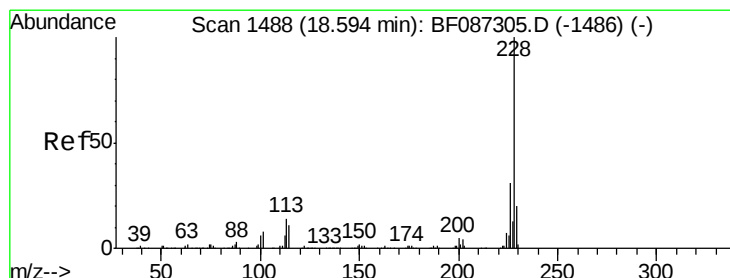
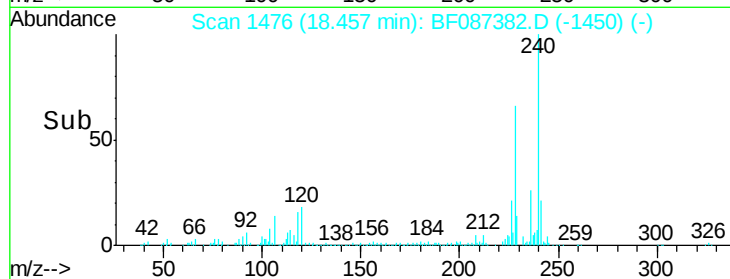
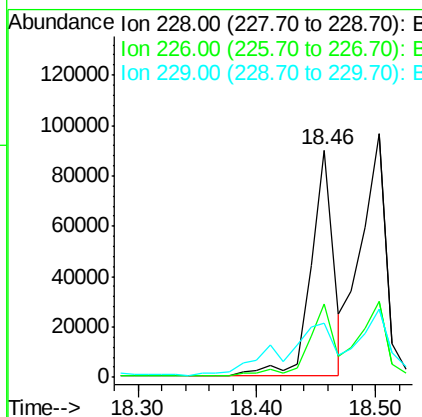
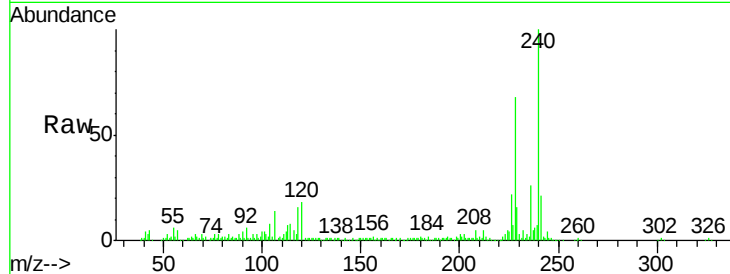
#80
Benzo(a)anthracene
Concen: 4.59 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.5	33.7
229	24.1	16.6	25.0

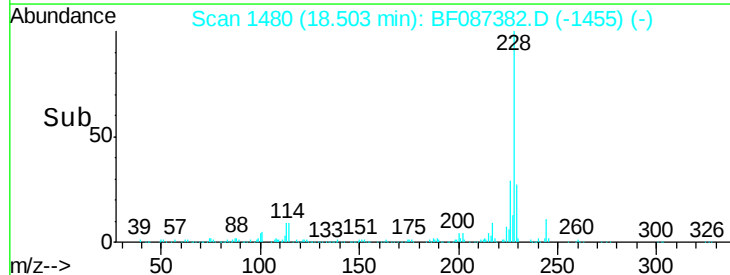
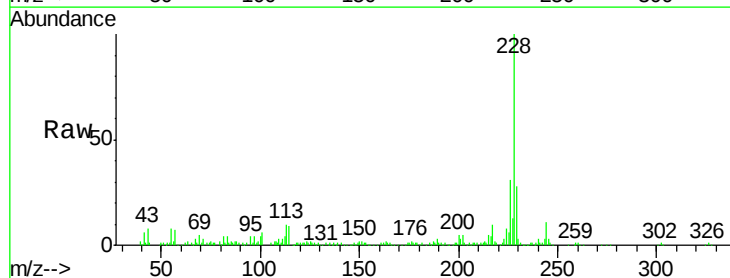
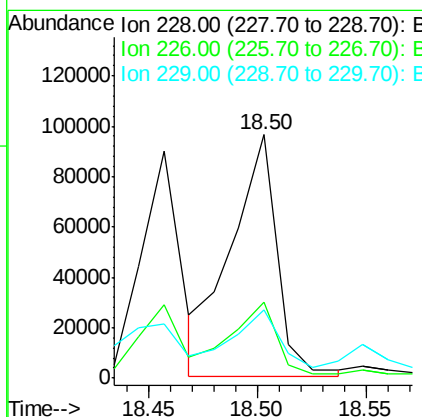
Manual Integrations
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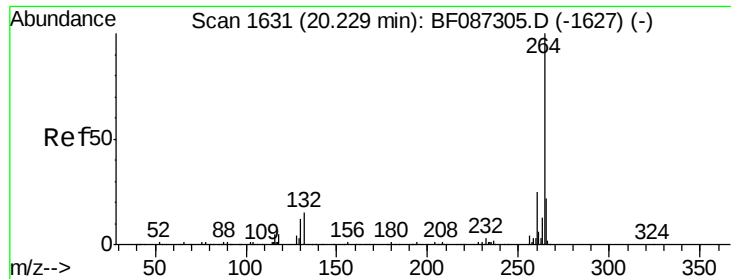
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#82
Chrysene
Concen: 5.50 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	27.9	15.8	23.8#





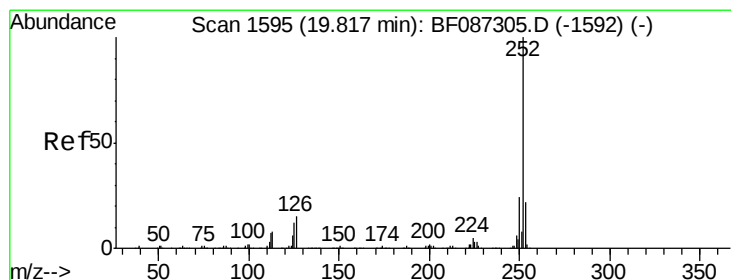
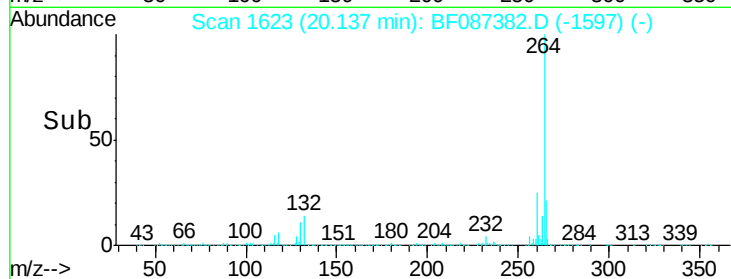
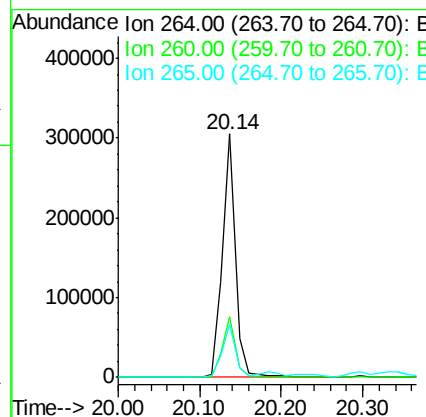
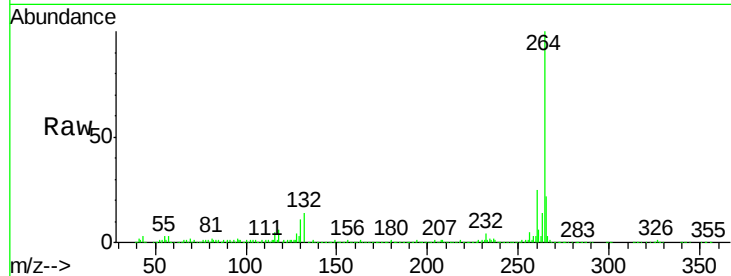
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tot Ion:	264	Resp:	336665
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	21.7	17.3	25.9

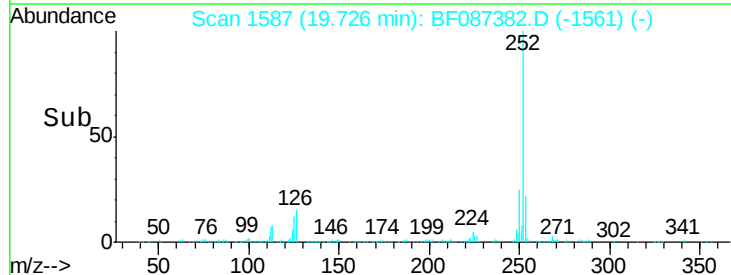
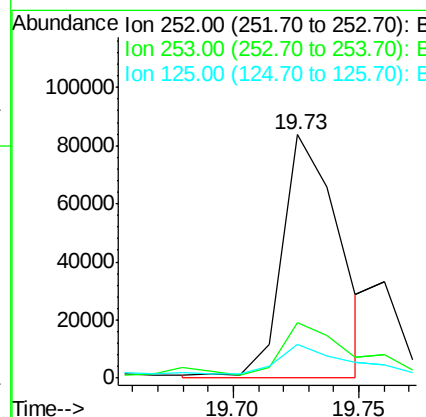
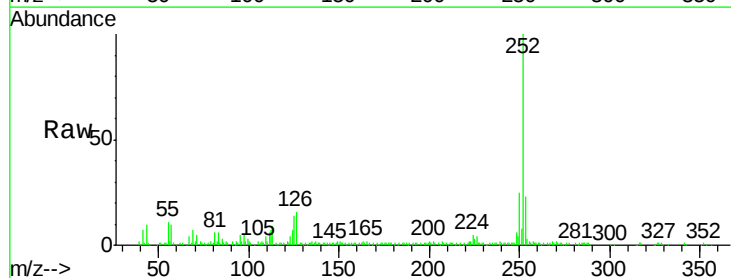
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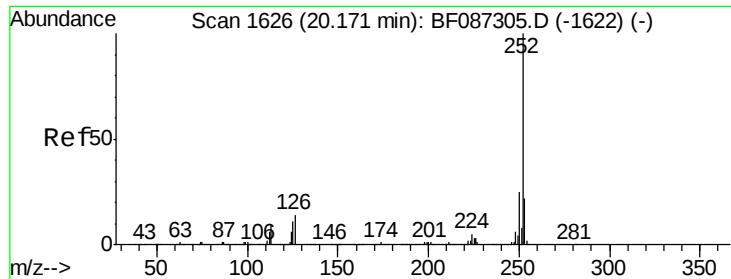
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#87
Benzo(b)fluoranthene
Concen: 6.14 ng m
RT: 19.73 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion:	252	Resp:	131782
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	13.6	11.4	17.0





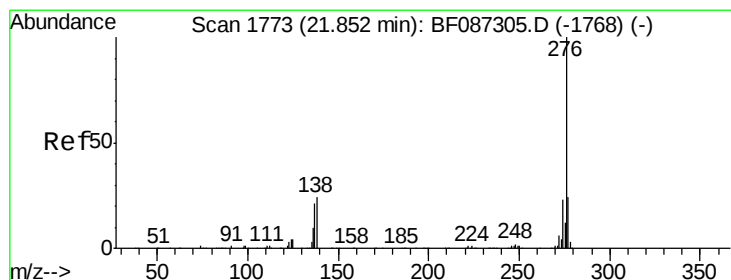
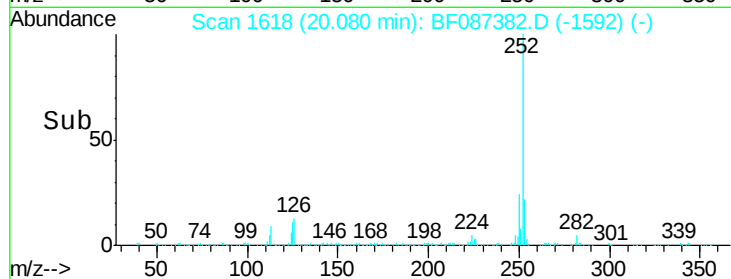
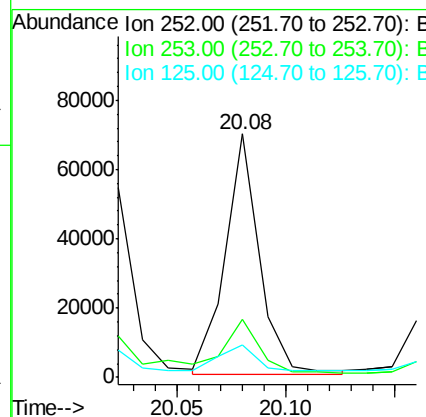
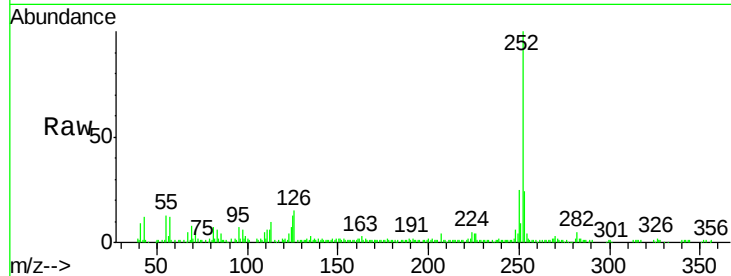
#89
Benzo(a)pyrene
Concen: 4.08 ng
RT: 20.08 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Instrument :
BNA_F
ClientSampleId :
E-5(6.5-7)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	13.2	9.0	13.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.63 ng
RT: 21.71 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF087382.D
Acq: 25 May 2016 20:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.6	29.4
138	25.3	23.6	35.4

