

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085523.D
 Acq On : 18 Mar 2016 7:08
 Operator : UM/SJ
 Sample : H1776-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-11(0.5-1.0)

Manual Integrations
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 3/18/2016 3:43:52 PM

Quant Time: Mar 18 15:19:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	127708	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	533102	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	217322	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	367108	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	271935	20.00	ng	-0.05
86) Perylene-d12	15.47	264	252023	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	780269	105.02	ng	-0.03
7) Phenol-d6	6.50	99	979925	101.68	ng	-0.05
23) Nitrobenzene-d5	7.44	82	712875	79.06	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	223168	111.49	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	834585	66.62	ng	-0.05
78) Terphenyl-d14	12.99	244	601560	50.04	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	273643	17.26	ng	98
70) Phenanthrene	11.42	178	58681	3.07	ng	98
74) Fluoranthene	12.61	202	133627	7.43	ng	99
77) Pyrene	12.84	202	127911	6.27	ng	98
80) Benzo(a)anthracene	14.03	228	64966m	4.17	ng	
82) Chrysene	14.06	228	60670m	4.33	ng	
85) Indeno(1,2,3-cd)pyrene	16.87	276	30654	2.31	ng	# 86
87) Benzo(b)fluoranthene	15.05	252	91716m	5.57	ng	
89) Benzo(a)pyrene	15.41	252	56659	3.98	ng	# 94
91) Benzo(g,h,i)perylene	17.31	276	33243	2.34	ng	97

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

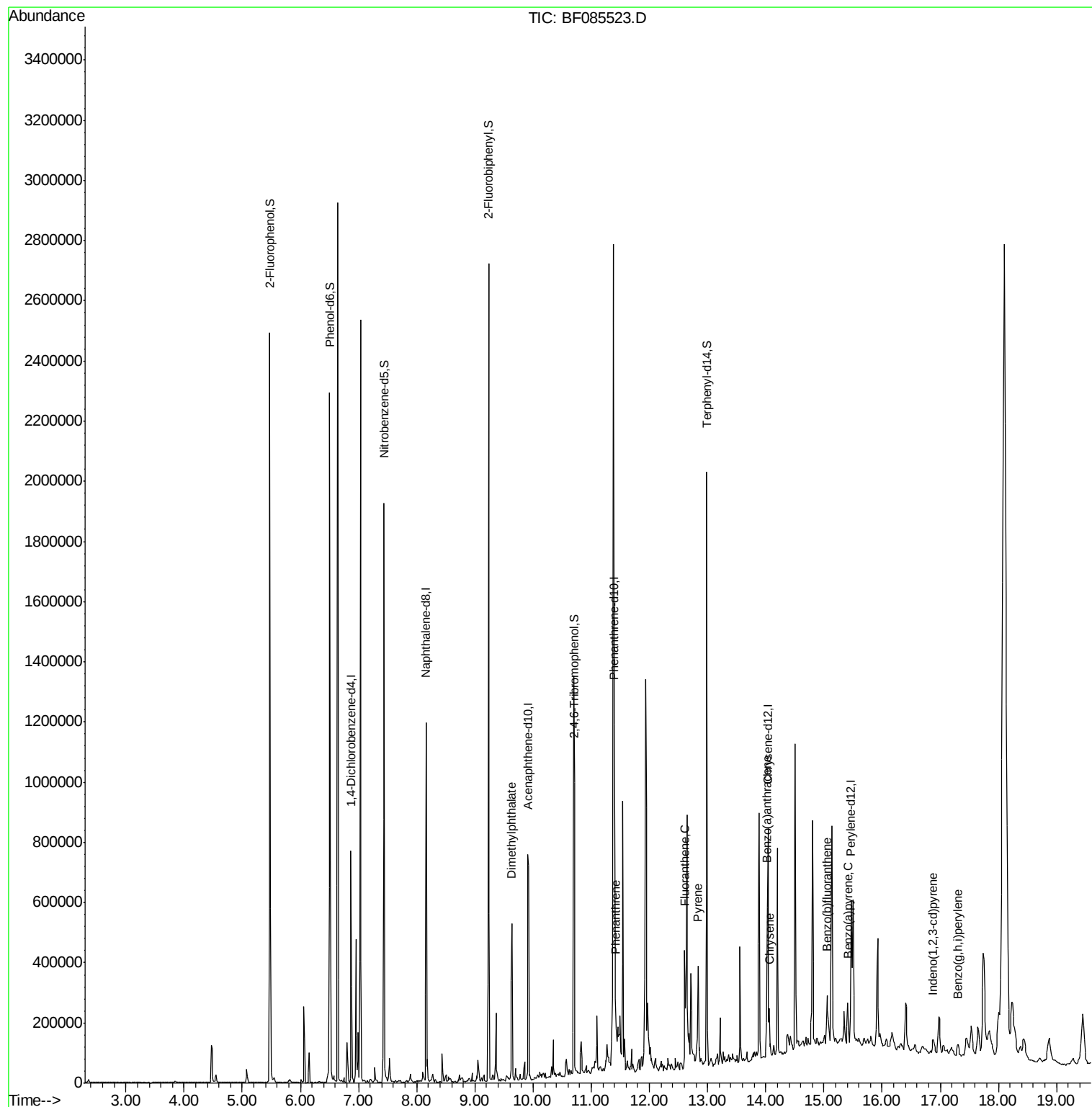
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085523.D
Acq On : 18 Mar 2016 7:08
Operator : UM/SJ
Sample : H1776-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

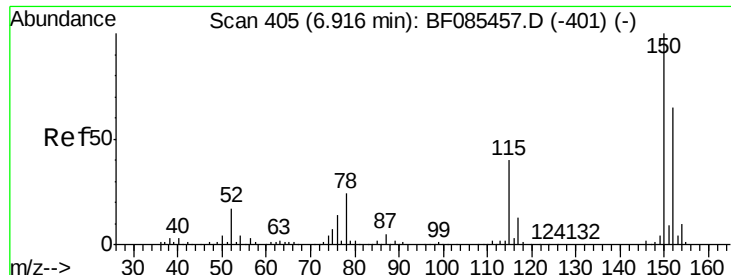
Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF085523.D

Acq: 18 Mar 2016 7:08

Instrument :

BNA_F

ClientSampleId :

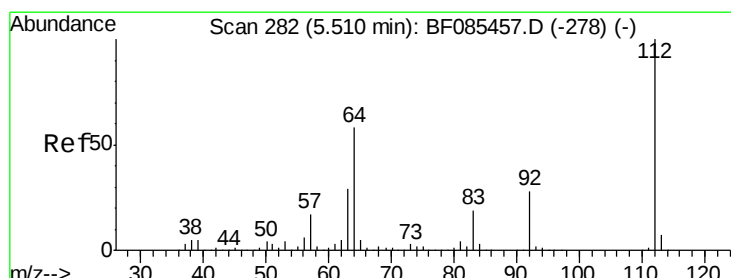
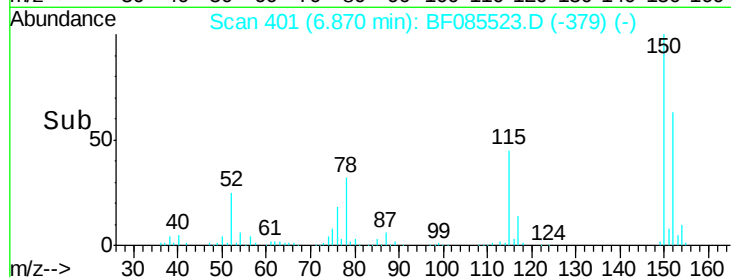
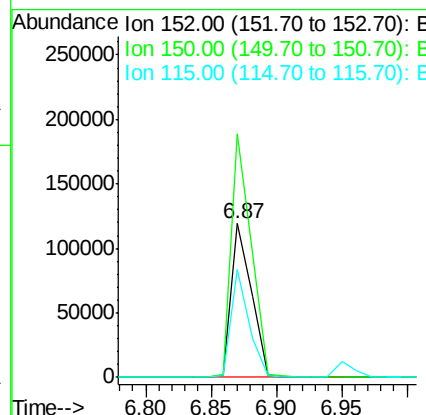
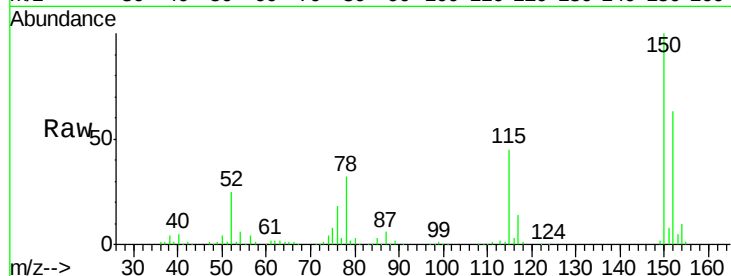
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Tgt Ion:	152	Resp:	127708
Ion Ratio	Lower	Upper	
152	100		
150	158.5	124.6	186.8
115	70.5	46.6	70.0#



#5

2-Fluorophenol

Concen: 105.02 ng

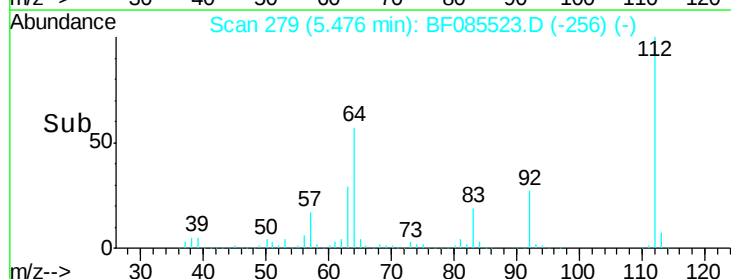
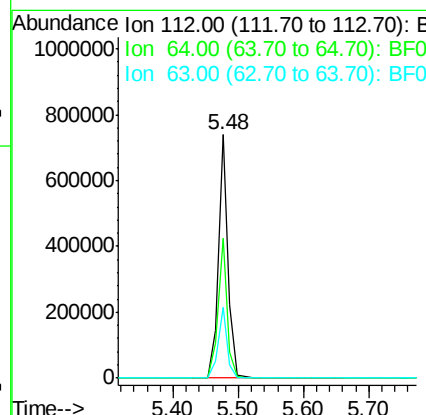
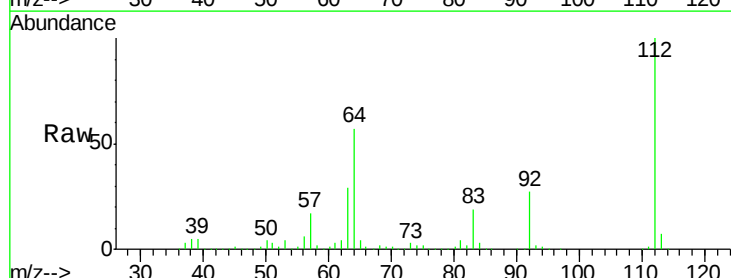
RT: 5.48 min Scan# 279

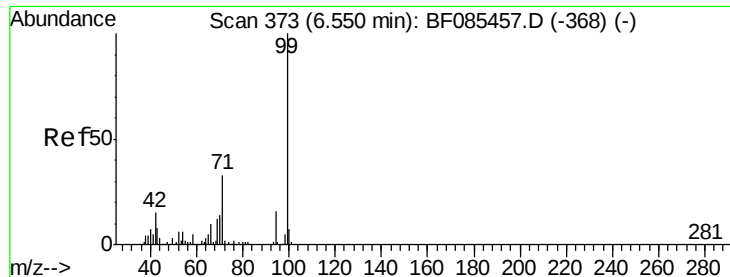
Delta R.T. -0.03 min

Lab File: BF085523.D

Acq: 18 Mar 2016 7:08

Tgt Ion:	112	Resp:	780269
Ion Ratio	Lower	Upper	
112	100		
64	57.4	49.0	73.4
63	28.9	24.8	37.2





#7

Phenol-d6

Concen: 101.68 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF085523.D

Acq: 18 Mar 2016 7:08

Instrument :

BNA_F

ClientSampleId :

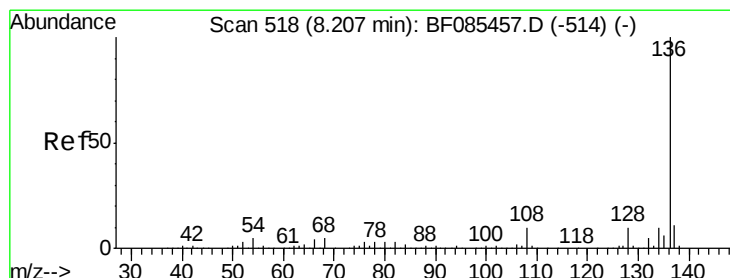
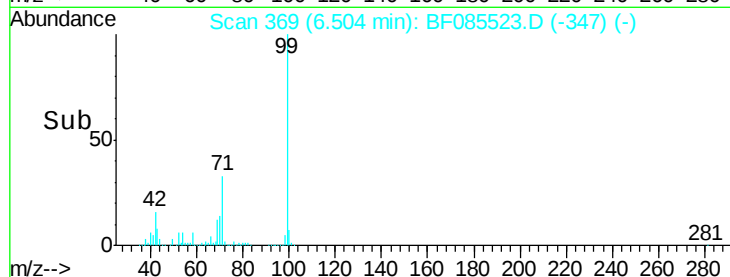
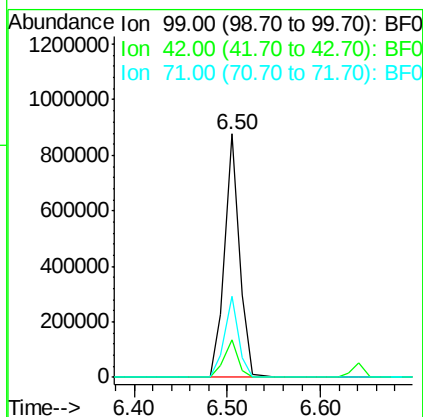
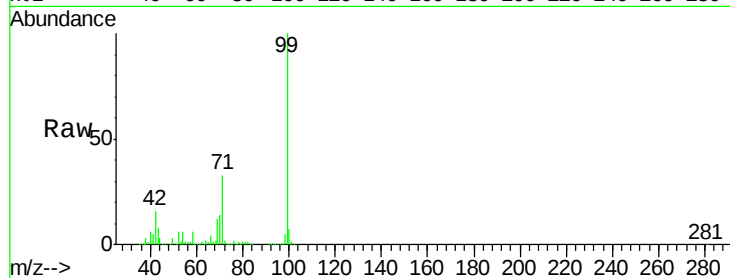
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Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.6	20.4
71	33.1	26.7	40.1



#21

Naphthalene-d8

Concen: 20.00 ng

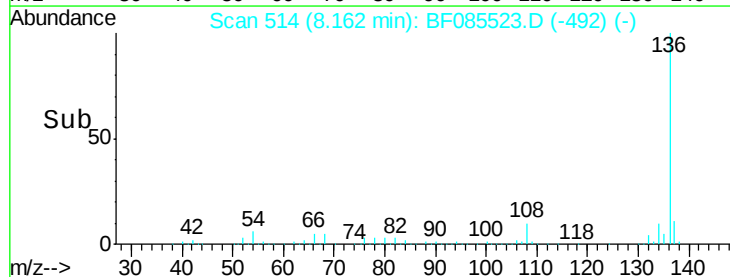
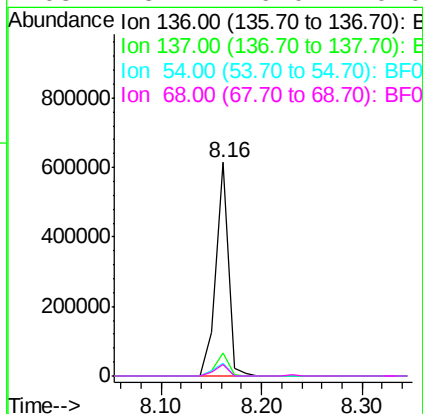
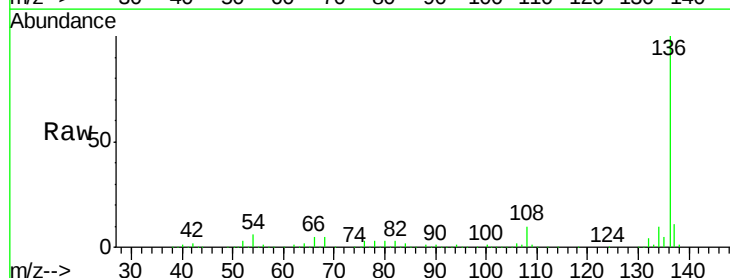
RT: 8.16 min Scan# 514

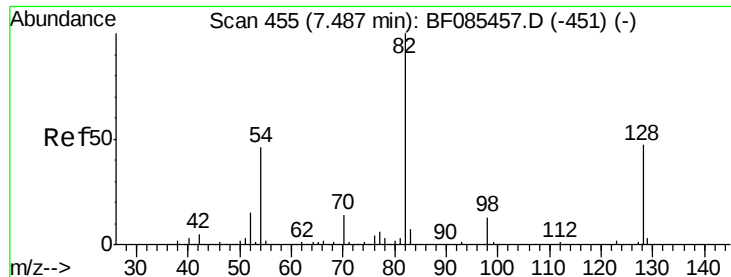
Delta R.T. -0.05 min

Lab File: BF085523.D

Acq: 18 Mar 2016 7:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	6.2	7.4	11.2#
68	5.4	6.0	9.0#





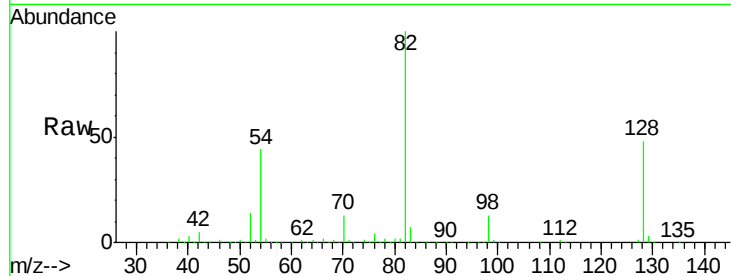
#23
 Nitrobenzene-d5
 Concen: 79.06 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.05 min
 Lab File: BF085523.D
 Acq: 18 Mar 2016 7:08

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-11(0.5-1.0)

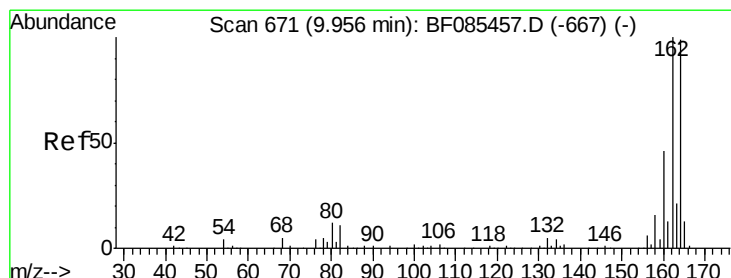
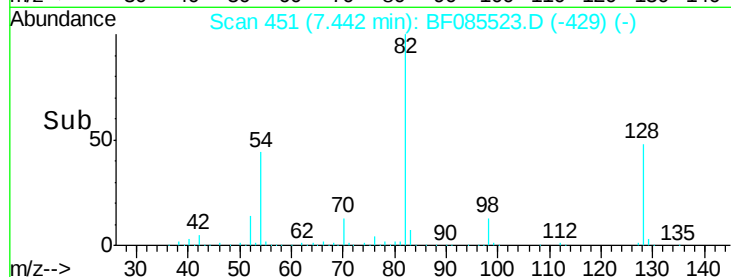
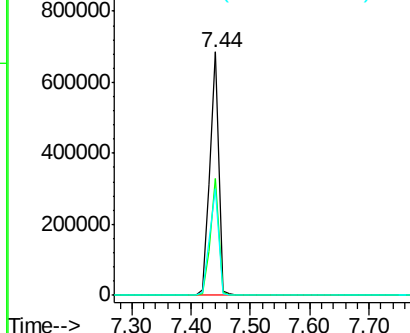
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.5	51.7
54	43.9	39.3	58.9

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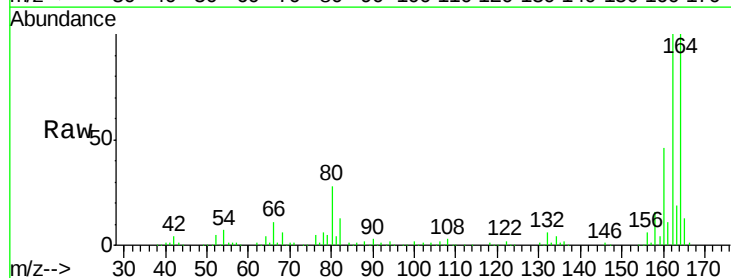


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

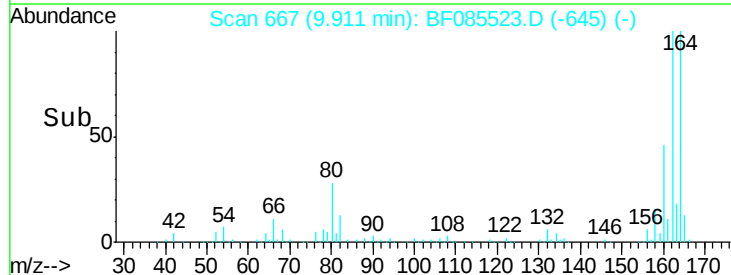
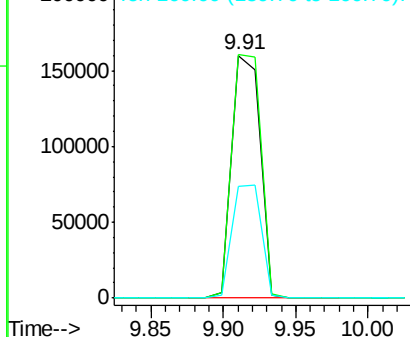


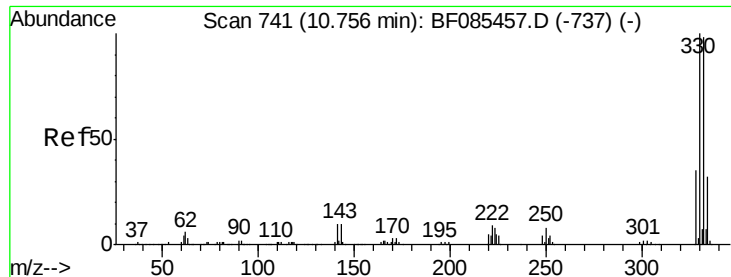
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 667
 Delta R.T. -0.05 min
 Lab File: BF085523.D
 Acq: 18 Mar 2016 7:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.3	124.9
160	46.3	37.9	56.9



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





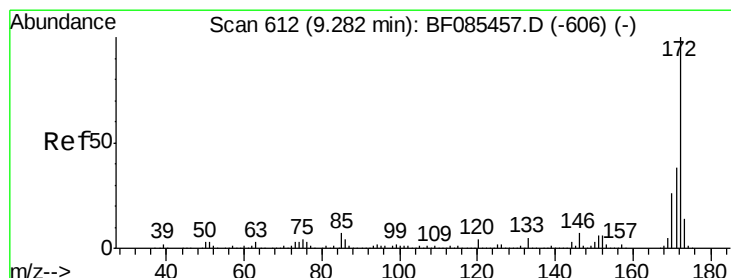
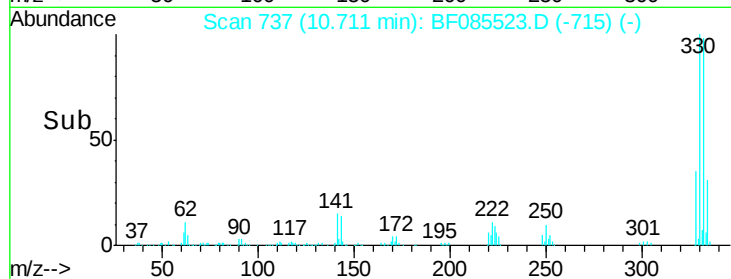
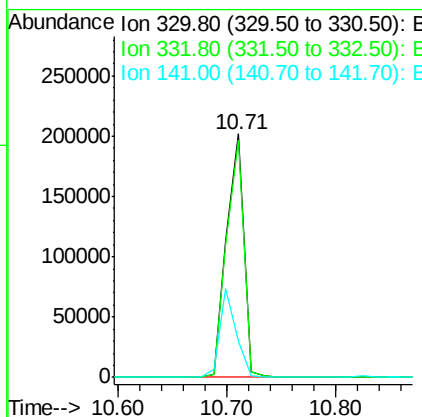
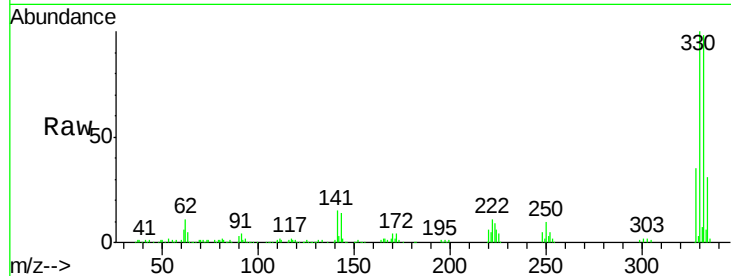
#41
 2,4,6-Tribromophenol
 Concen: 111.49 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085523.D
 Acq: 18 Mar 2016 7:08

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-11(0.5-1.0)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	223168		
332	97.7	77.1	115.7	
141	35.0	35.0	52.6#	

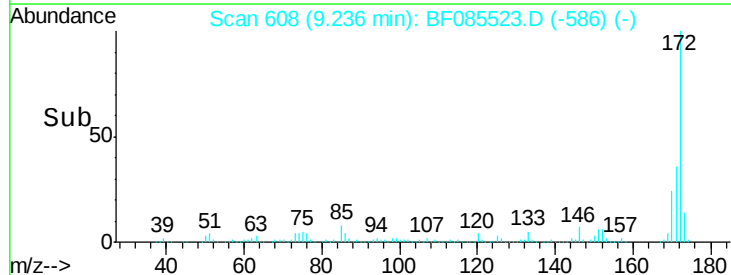
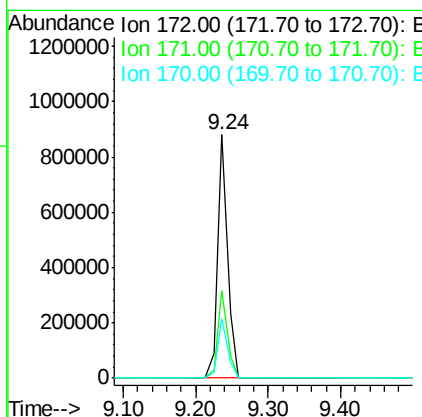
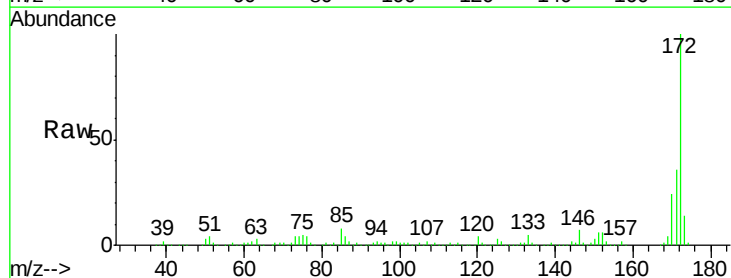
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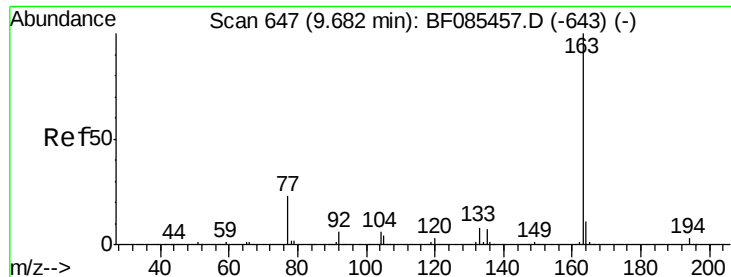
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#44
 2-Fluorobiphenyl
 Concen: 66.62 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF085523.D
 Acq: 18 Mar 2016 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	834585		
171	35.7	29.3	43.9	
170	24.2	20.0	30.0	





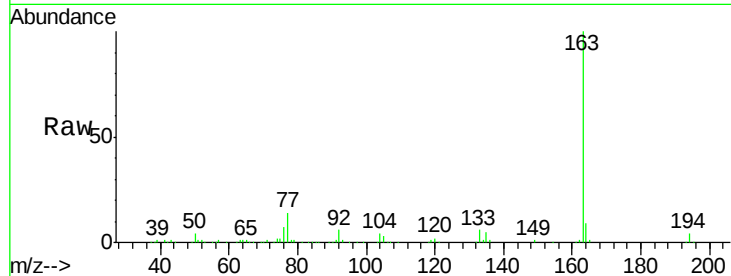
#49
Dimethylphthalate
Concen: 17.26 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

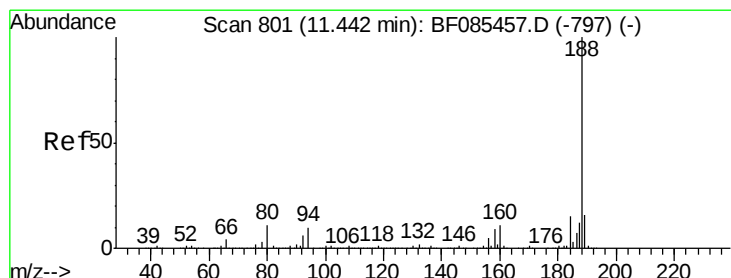
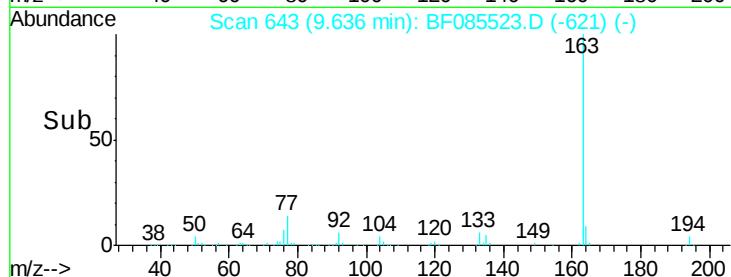
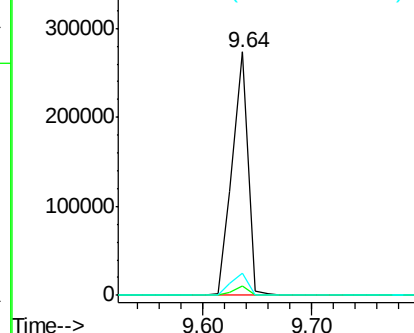
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	273643		
194	3.7		3.1	4.7
164	9.4		8.2	12.4

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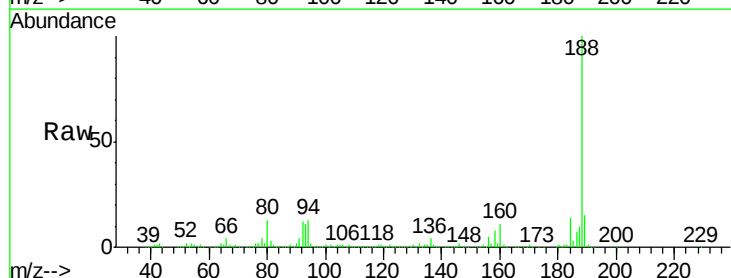


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

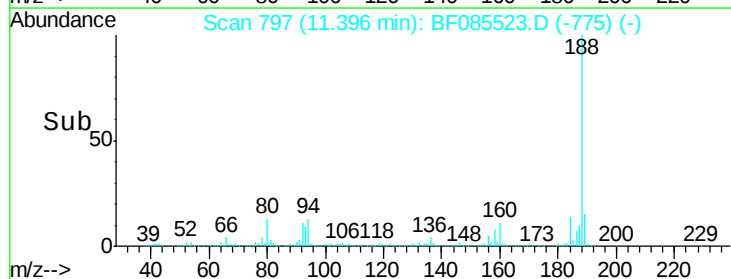
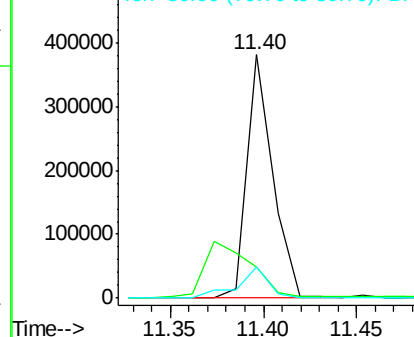


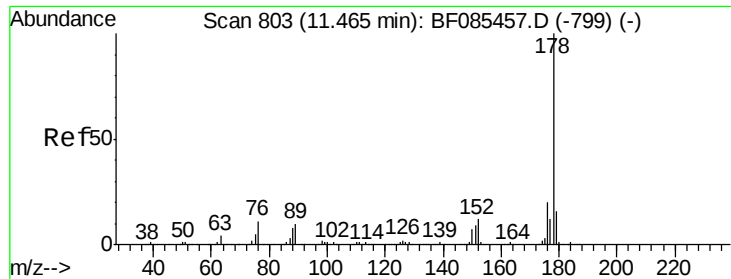
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	367108		
94	12.8		7.0	10.6#
80	12.8		7.4	11.0#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





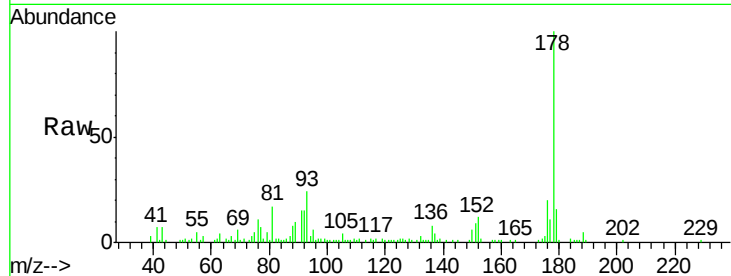
#70
Phenanthrene
Concen: 3.07 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

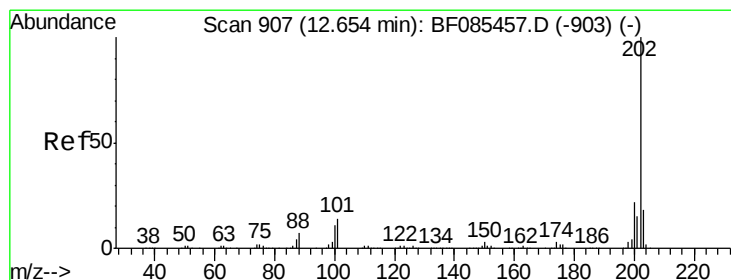
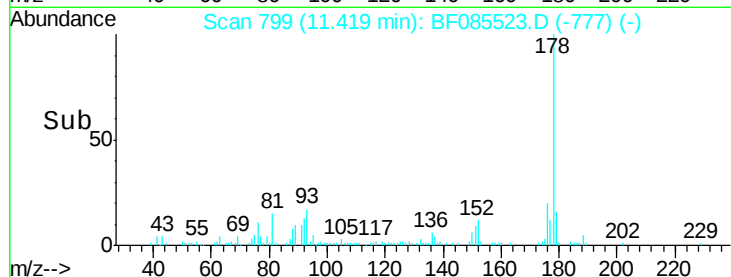
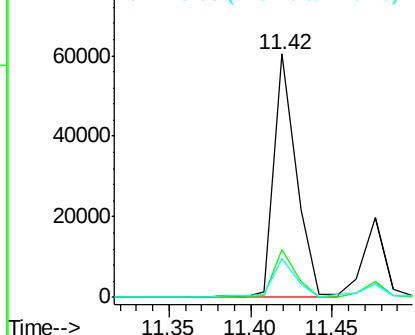
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.8	25.2
179	15.7	13.1	19.7

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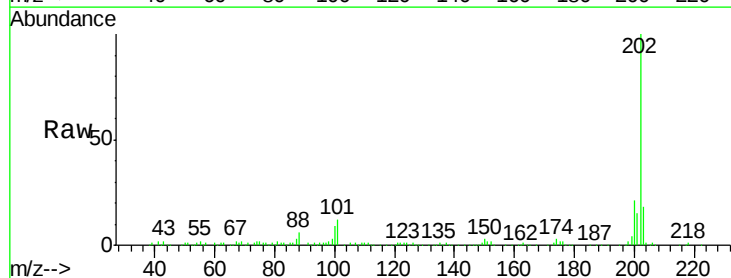


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

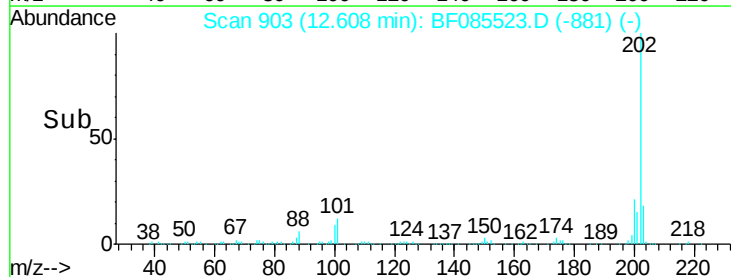
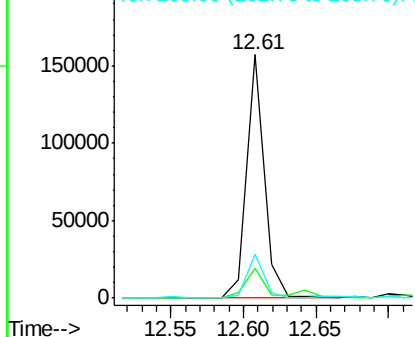


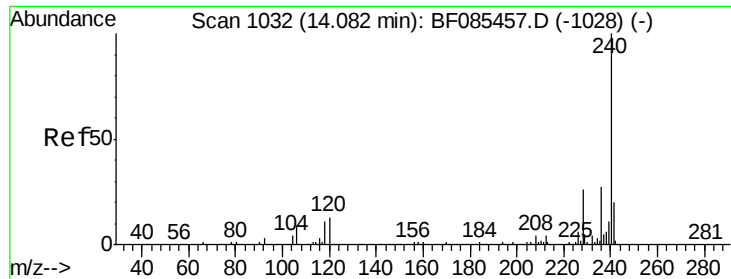
#74
Fluoranthene
Concen: 7.43 ng
RT: 12.61 min Scan# 903
Delta R.T. -0.05 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.8
203	17.9	0.0	38.4



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: 20.00 ng

RT: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085523.D

Acq: 18 Mar 2016 7:08

Instrument :

BNA_F

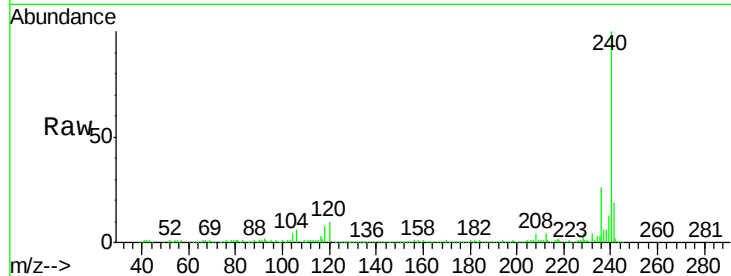
ClientSampleId :

W170TH-SB-11(0.5-1.0)

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.3	7.9#
236	26.1	20.7	31.1

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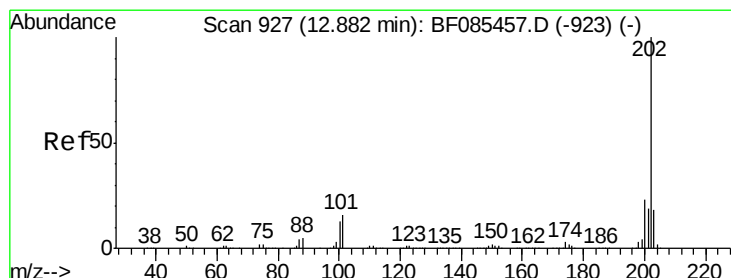
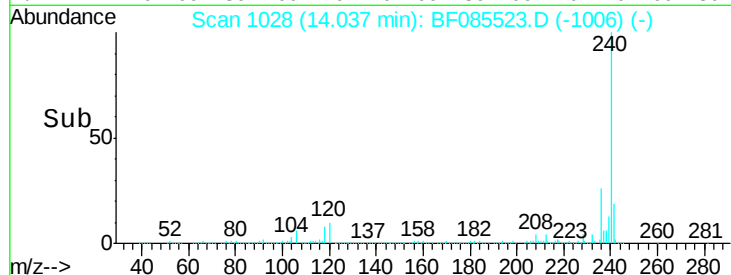
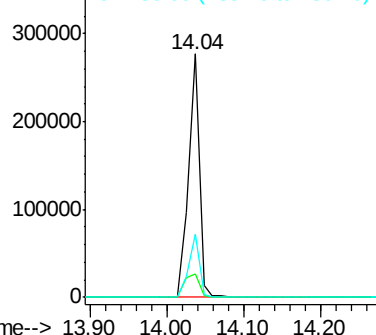
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.27 ng

RT: 12.84 min Scan# 923

Delta R.T. -0.05 min

Lab File: BF085523.D

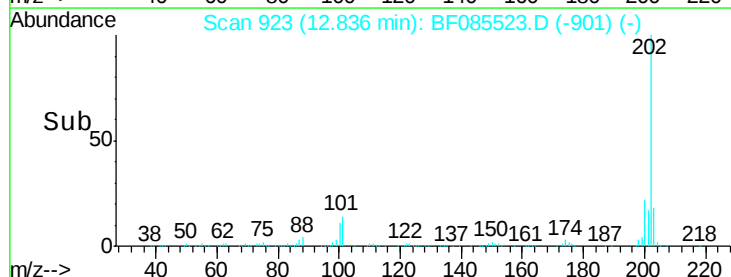
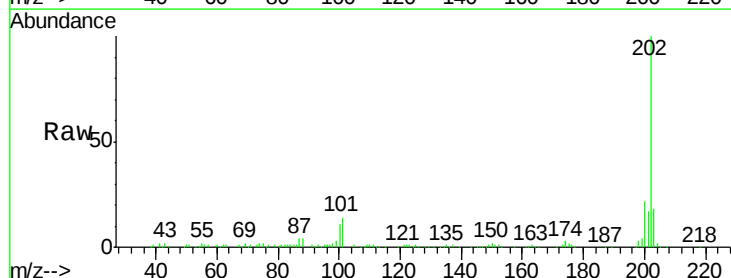
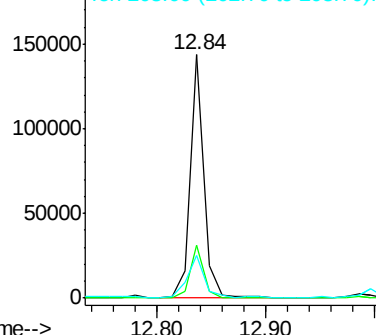
Acq: 18 Mar 2016 7:08

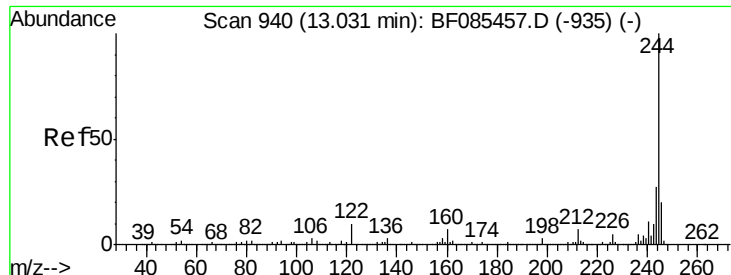
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.2	27.4
203	17.6	14.7	22.1

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 50.04 ng

RT: 12.99 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085523.D

Acq: 18 Mar 2016 7:08

Instrument :

BNA_F

ClientSampleId :

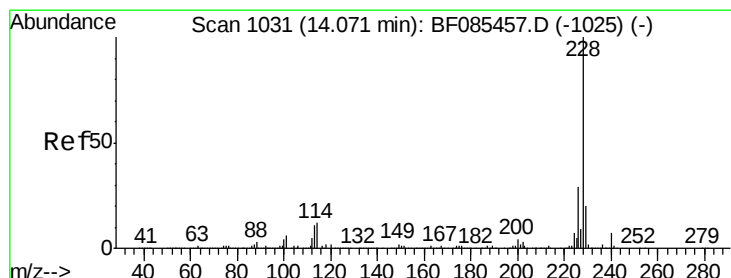
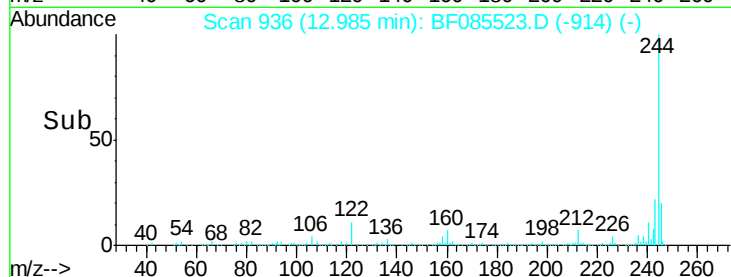
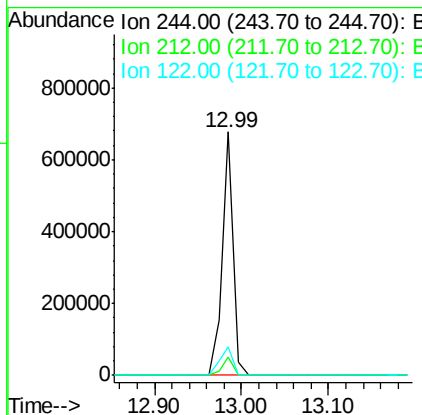
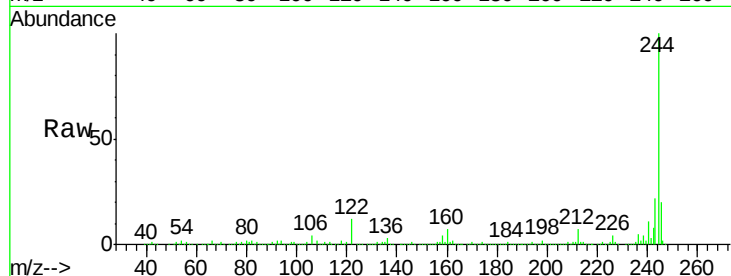
W170TH-SB-11(0.5-1.0)

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Tgt Ion:	244	Resp:	601560
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.4	9.6
122	11.6	11.4	17.2



#80

Benzo(a)anthracene

Concen: 4.17 ng m

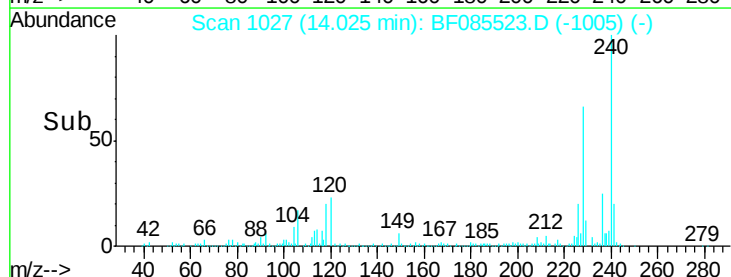
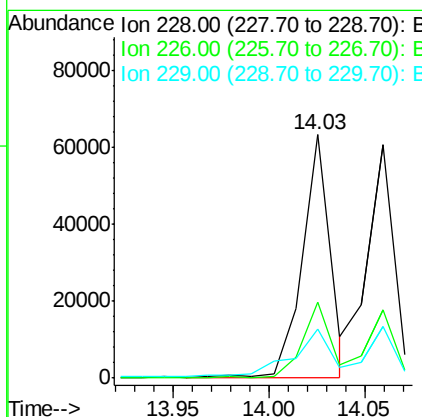
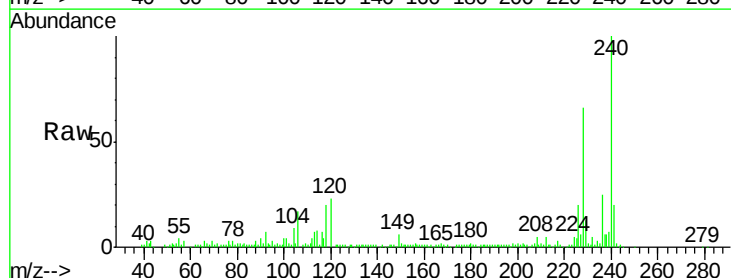
RT: 14.03 min Scan# 1027

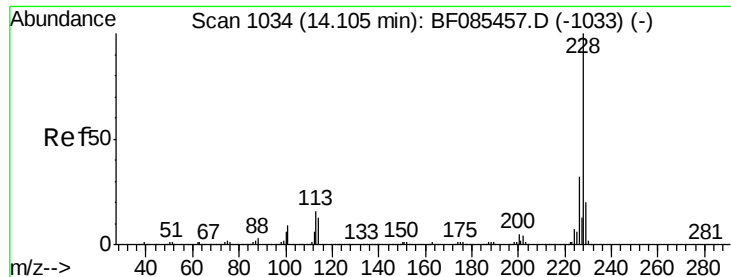
Delta R.T. -0.05 min

Lab File: BF085523.D

Acq: 18 Mar 2016 7:08

Tgt Ion:	228	Resp:	64966
Ion Ratio	Lower	Upper	
228	100		
226	31.2	22.8	34.2
229	20.3	16.6	24.8





#82

Chrysene

Concen: 4.33 ng m

RT: 14.06 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF085523.D

Acq: 18 Mar 2016 7:08

Instrument :

BNA_F

ClientSampleId :

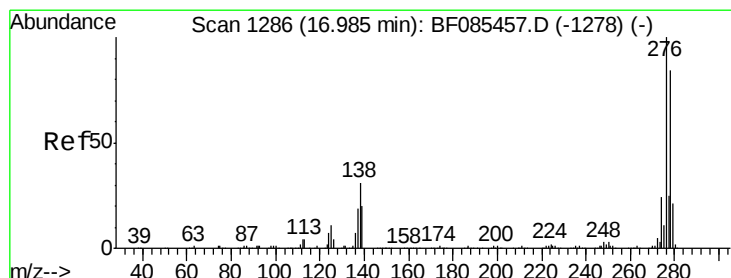
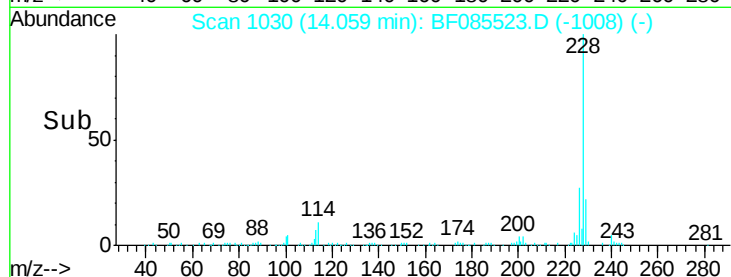
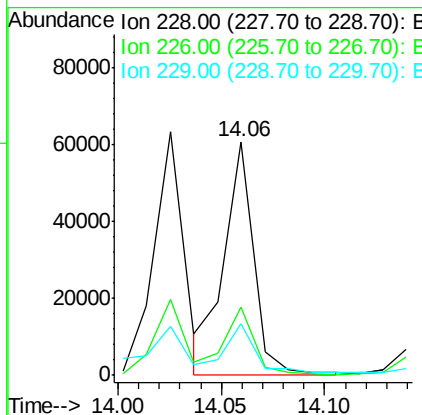
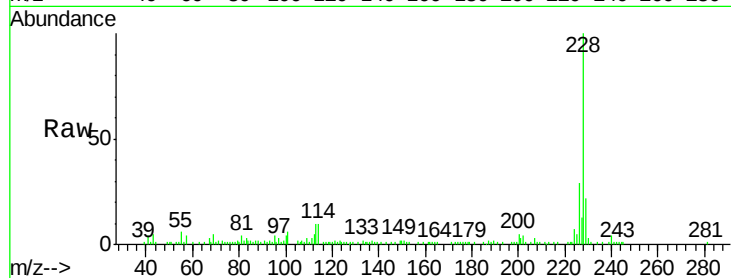
W170TH-SB-11(0.5-1.0)

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Tgt Ion:	228	Resp:	60670
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.2	37.8
229	21.9	16.0	24.0



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.31 ng

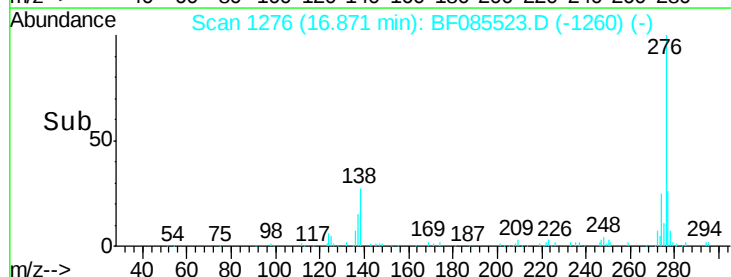
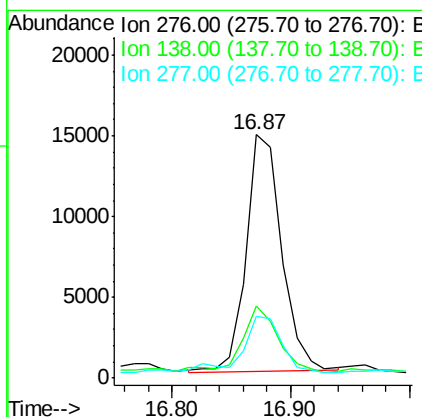
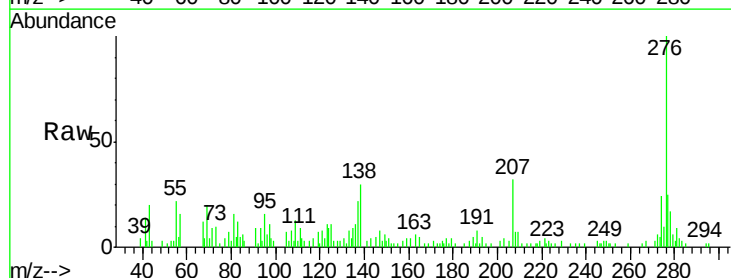
RT: 16.87 min Scan# 1276

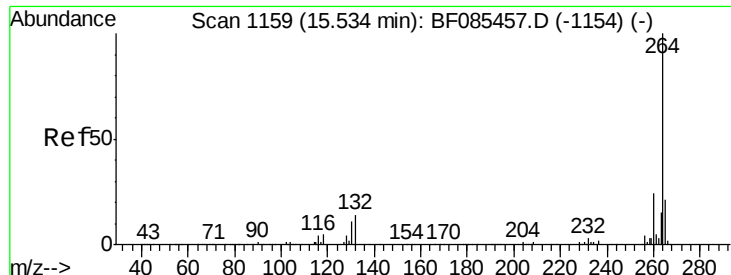
Delta R.T. -0.11 min

Lab File: BF085523.D

Acq: 18 Mar 2016 7:08

Tgt Ion:	276	Resp:	30654
Ion Ratio	Lower	Upper	
276	100		
138	30.6	26.4	39.6
277	38.8	20.2	30.2#





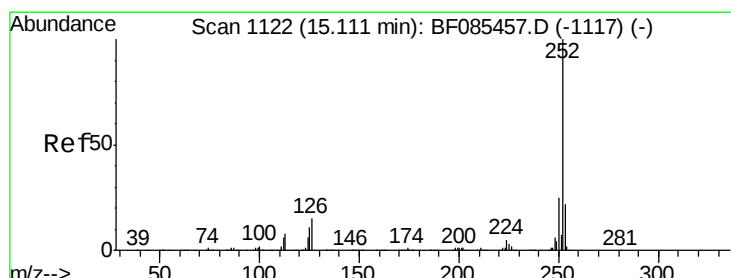
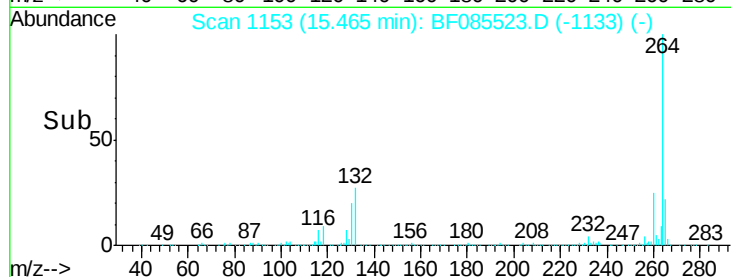
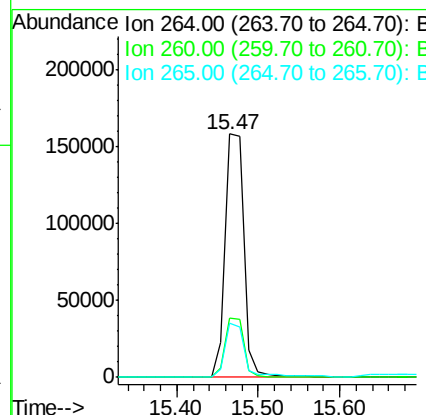
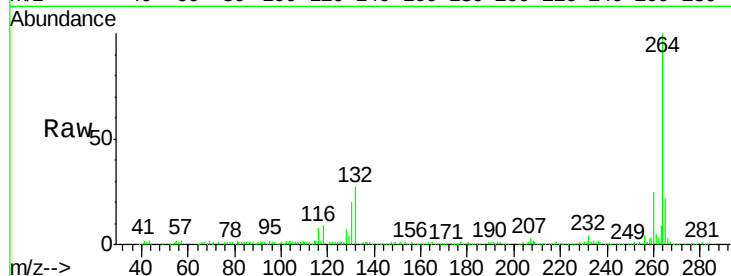
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	252023		
260	24.5	19.2	28.8	
265	22.4	17.3	25.9	

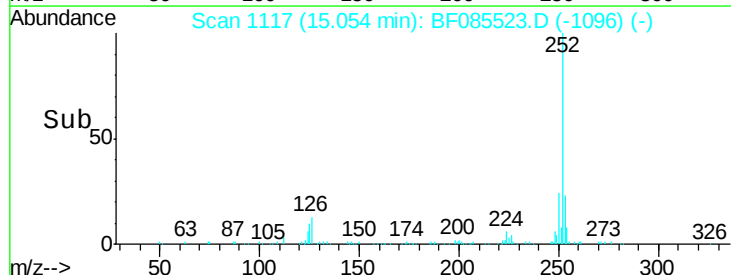
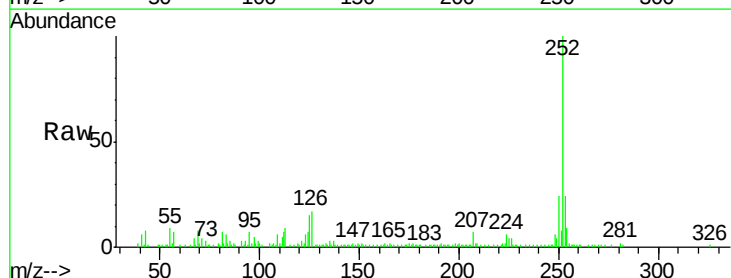
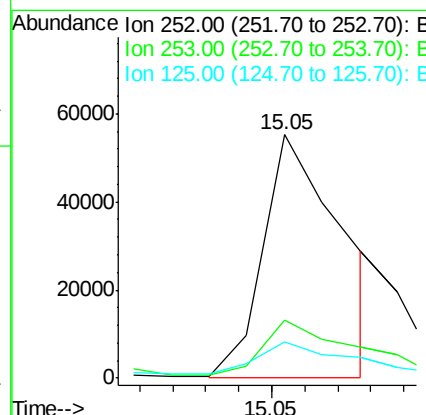
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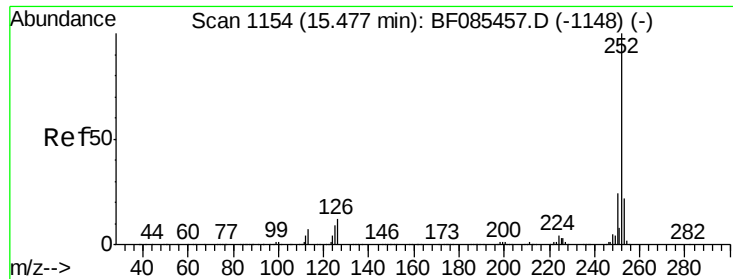
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#87
Benzo(b)fluoranthene
Concen: 5.57 ng m
RT: 15.05 min Scan# 1117
Delta R.T. -0.06 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	91716		
253	24.1	17.8	26.6	
125	14.6	11.3	16.9	





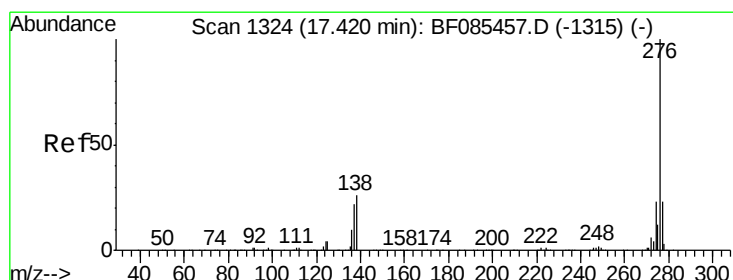
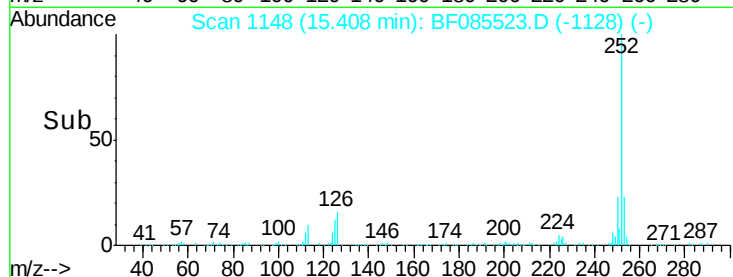
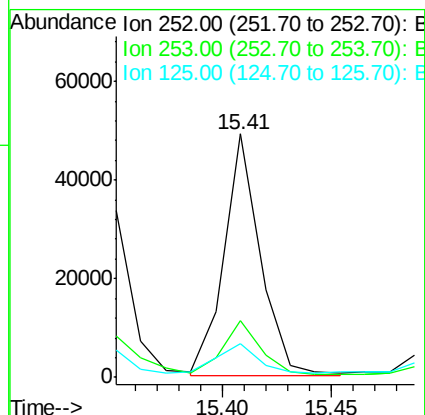
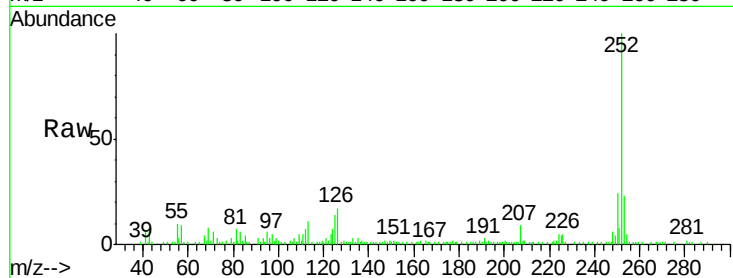
#89
Benzo(a)pyrene
Concen: 3.98 ng
RT: 15.41 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-11(0.5-1.0)

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	56659		
253	23.4		17.4	26.0
125	14.0		8.2	12.4#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.34 ng
RT: 17.31 min Scan# 1314
Delta R.T. -0.11 min
Lab File: BF085523.D
Acq: 18 Mar 2016 7:08

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	33243		
277	23.8		19.0	28.4
138	25.5		22.5	33.7

