

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085403.D
 Acq On : 12 Mar 2016 7:07
 Operator : UM/SJ
 Sample : H1730-02 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-23-COMP(0.5-1.5)

Manual Integrations
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 3/14/2016 10:46:06 AM

Quant Time: Mar 14 06:03:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	153403	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	593203	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	261438	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	400463	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	295956	20.00	ng	-0.05
86) Perylene-d12	15.57	264	257614	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	604150	66.06	ng	-0.05
7) Phenol-d6	6.56	99	805990	67.27	ng	-0.05
23) Nitrobenzene-d5	7.50	82	471964	42.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	126210	56.42	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	653251	38.00	ng	-0.06
78) Terphenyl-d14	13.05	244	395037	30.99	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	164204	8.18	ng	98
74) Fluoranthene	12.68	202	82557	3.92	ng	98
77) Pyrene	12.91	202	76744	3.45	ng	97
80) Benzo(a)anthracene	14.09	228	40986m	2.31	ng	
82) Chrysene	14.13	228	40514m	2.48	ng	
87) Benzo(b)fluoranthene	15.15	252	49770m	2.90	ng	
89) Benzo(a)pyrene	15.51	252	34125	2.40	ng	# 93

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

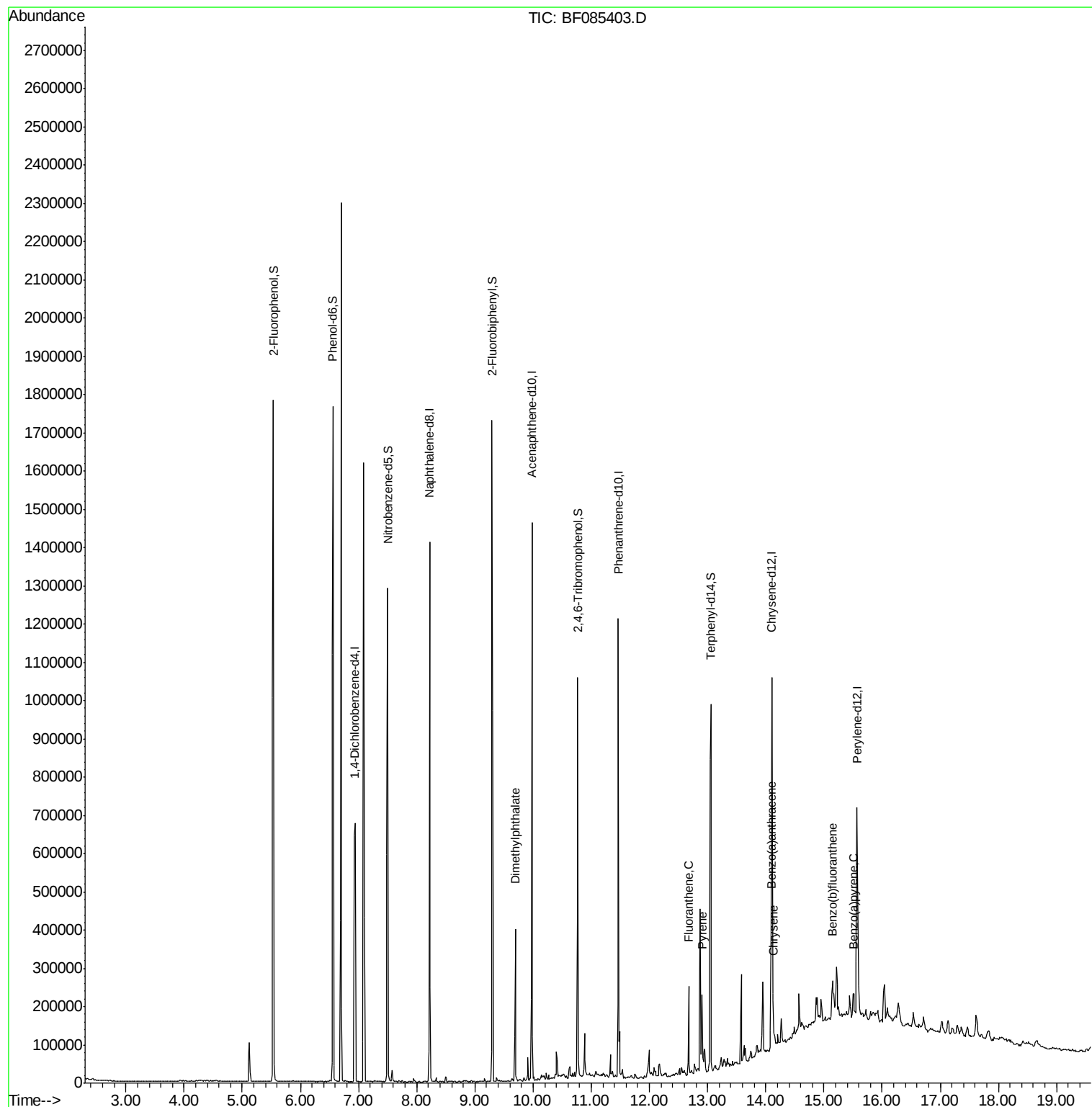
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085403.D
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ALS Vial : 29 Sample Multiplier: 1

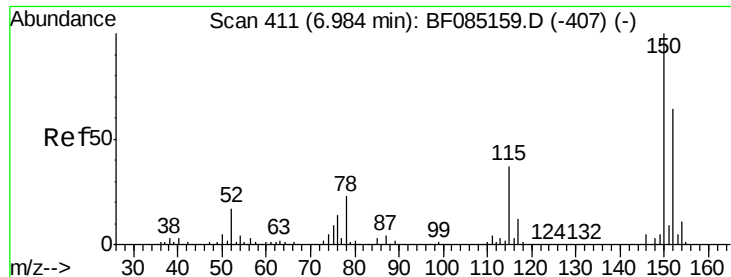
Instrument :
BNA_F
ClientSampleId :
W170TH-SB-23-COMP(0.5-1.5)

Manual Integrations
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Quant Time: Mar 14 06:03:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085403.D

Acq: 12 Mar 2016 7:07

Instrument :

BNA_F

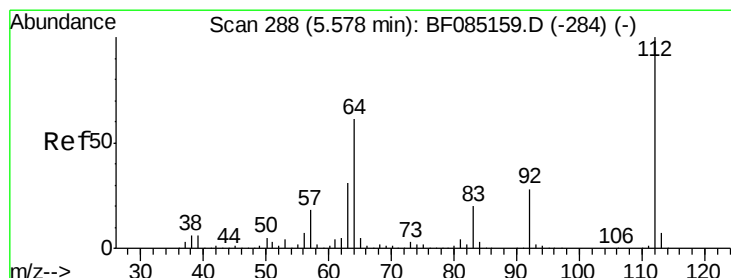
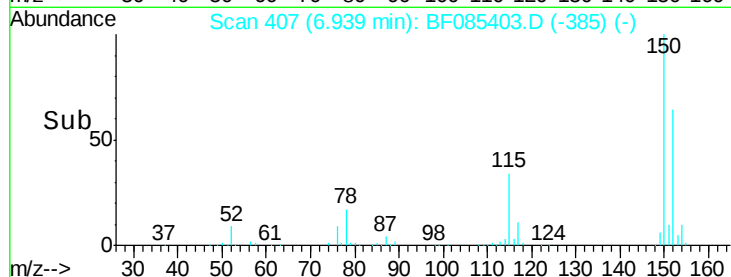
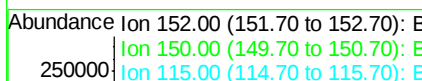
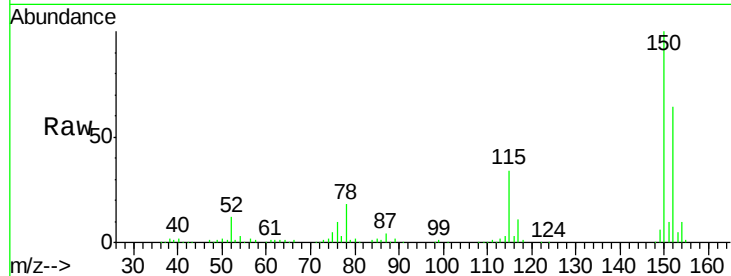
ClientSampleId :

W170TH-SB-23-COMP(0.5-1.5)

Tgt Ion:	152	Resp:	153403
Ion Ratio	Lower	Upper	
152	100		
150	155.1	124.6	186.8
115	52.6	46.6	70.0

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#5

2-Fluorophenol

Concen: 66.06 ng

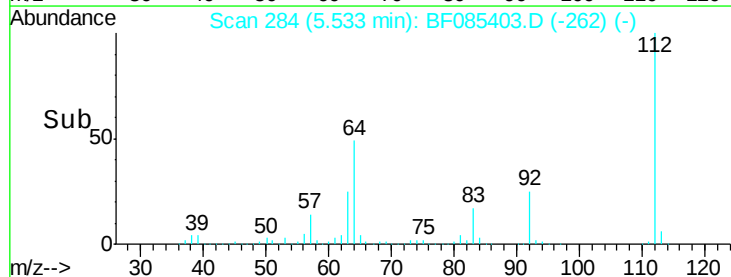
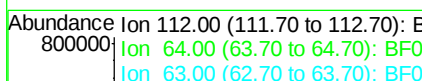
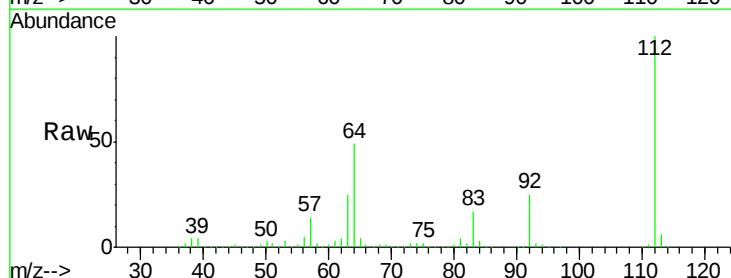
RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085403.D

Acq: 12 Mar 2016 7:07

Tgt Ion:	112	Resp:	604150
Ion Ratio	Lower	Upper	
112	100		
64	49.1	49.0	73.4
63	24.7	24.8	37.2#





#7

Phenol-d6

Concen: 67.27 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085403.D

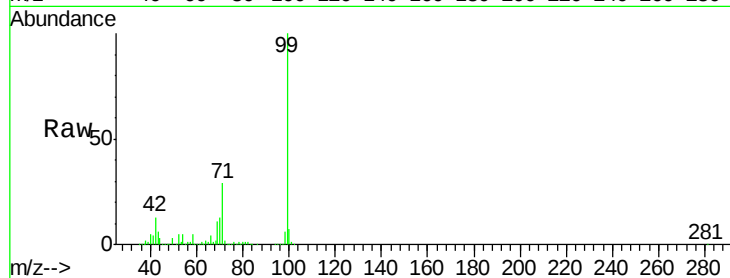
Acq: 12 Mar 2016 7:07

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-23-COMP(0.5-1.5)



Tgt Ion: 99 Resp: 805990

Ion Ratio Lower Upper

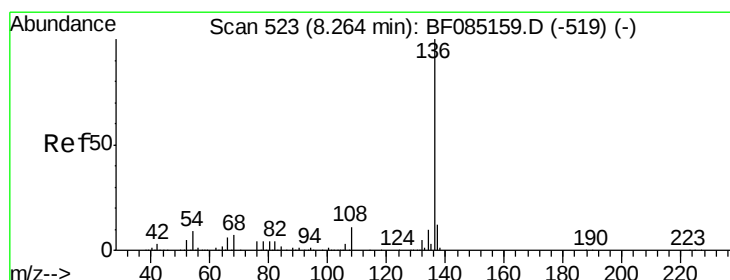
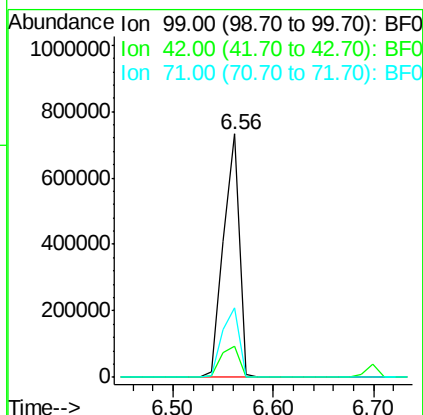
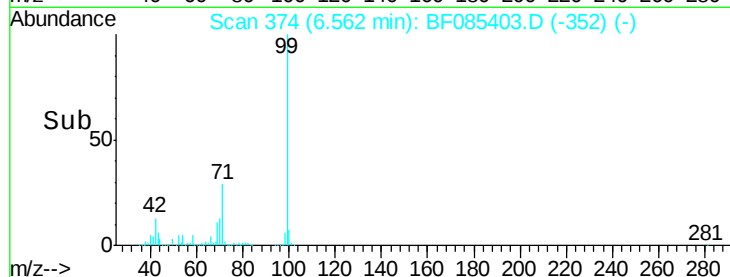
99 100

42 12.6 13.6 20.4#

71 28.7 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085403.D

Acq: 12 Mar 2016 7:07

Tgt Ion: 136 Resp: 593203

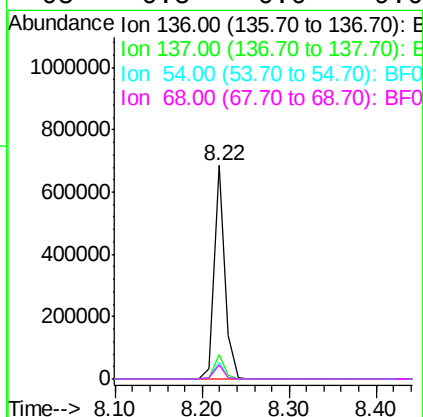
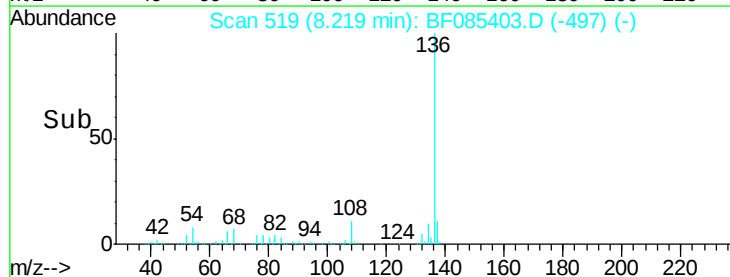
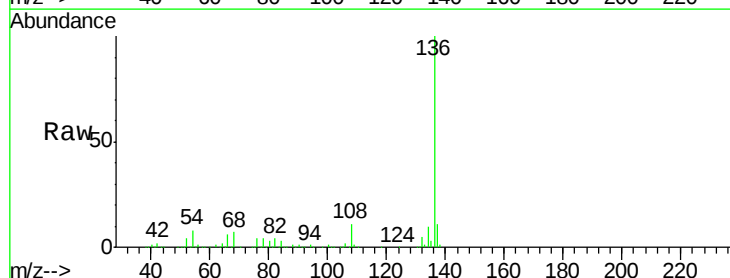
Ion Ratio Lower Upper

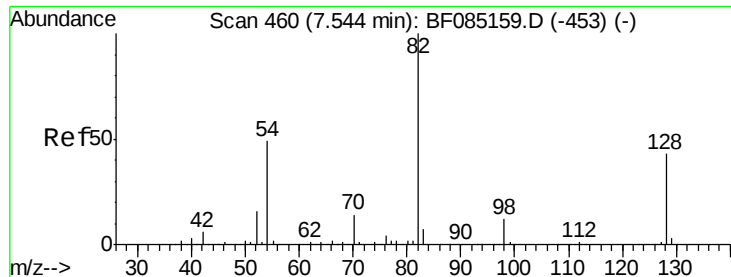
136 100

137 11.3 9.3 13.9

54 8.1 7.4 11.2

68 6.5 6.0 9.0





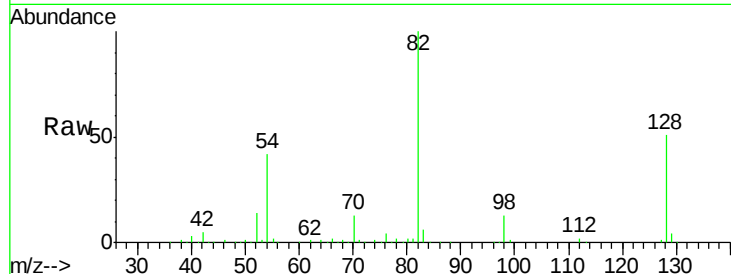
#23
 Nitrobenzene-d5
 Concen: 42.58 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085403.D
 Acq: 12 Mar 2016 7:07

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-23-COMP(0.5-1.5)

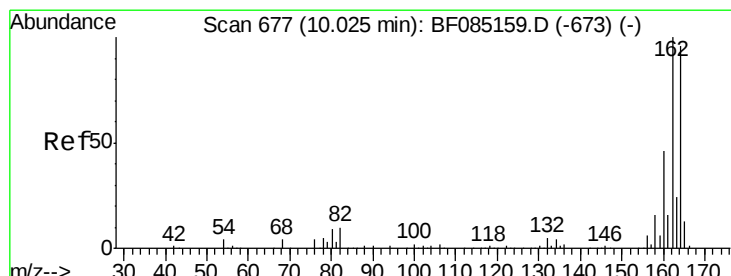
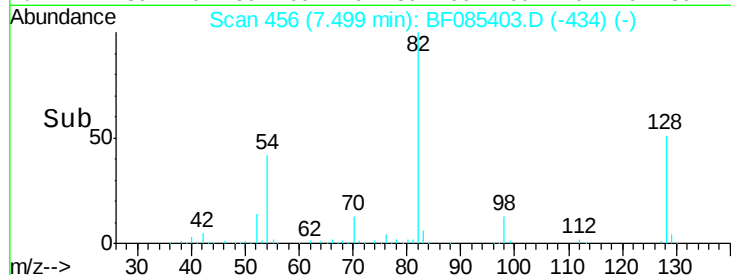
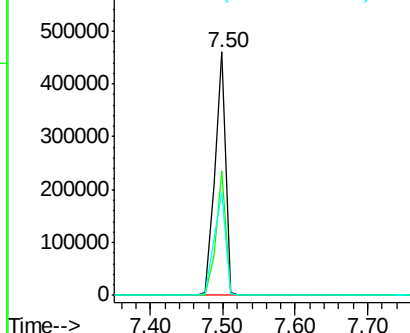
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.0	34.5	51.7
54	42.4	39.3	58.9

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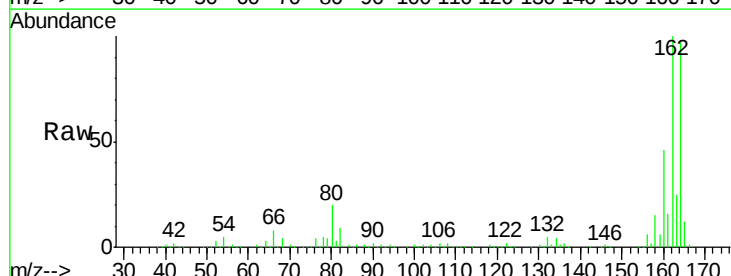


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

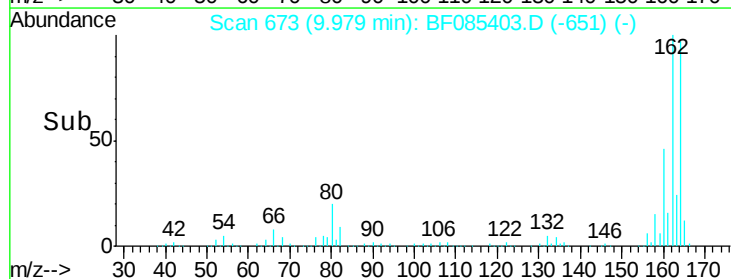
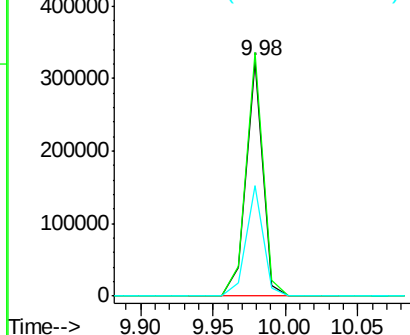


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085403.D
 Acq: 12 Mar 2016 7:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.3	124.9
160	47.2	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





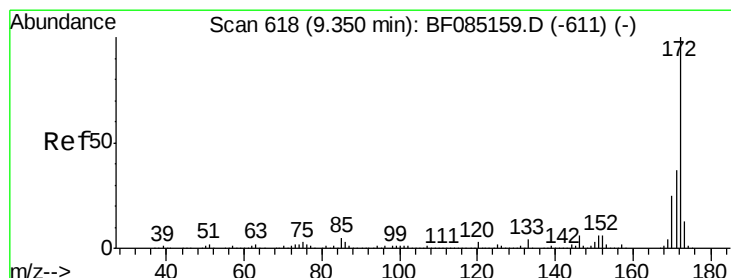
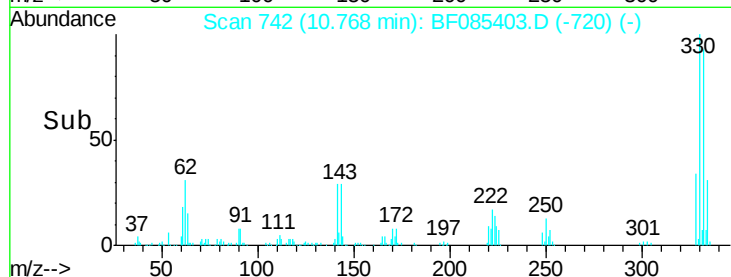
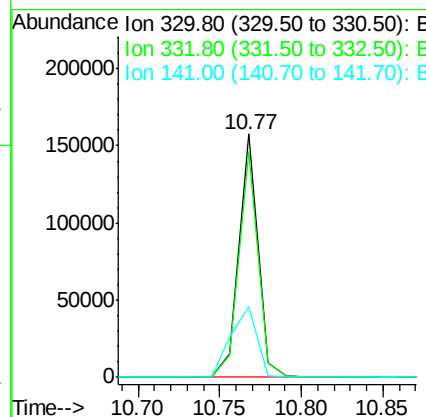
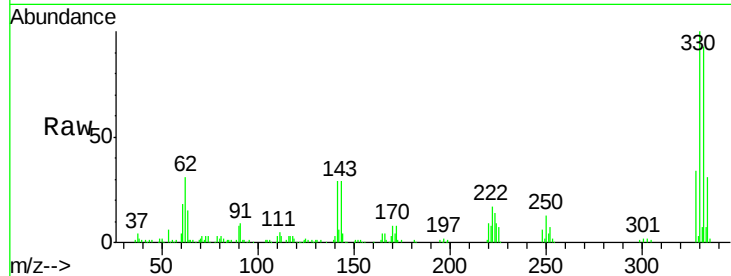
#41
 2,4,6-Tribromophenol
 Concen: 56.42 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085403.D
 Acq: 12 Mar 2016 7:07

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-23-COMP(0.5-1.5)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	126210		
332	93.1	77.1	115.7	
141	40.6	35.0	52.6	

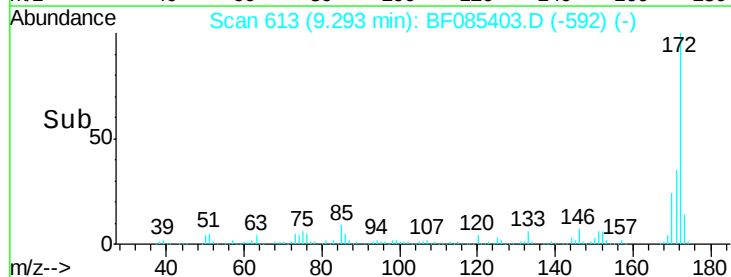
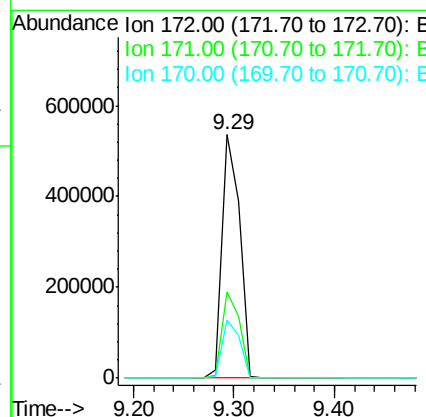
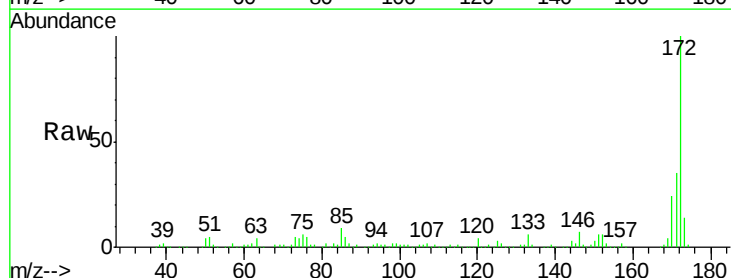
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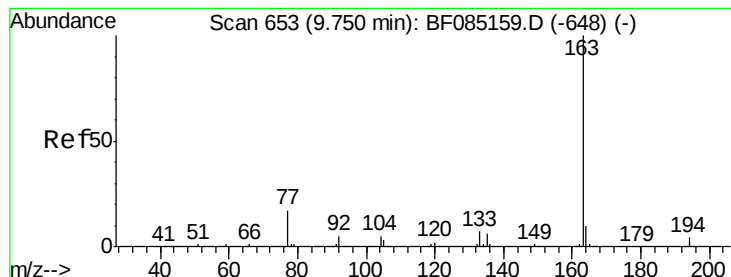
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#44
 2-Fluorobiphenyl
 Concen: 38.00 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085403.D
 Acq: 12 Mar 2016 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	653251		
171	35.2	29.3	43.9	
170	23.7	20.0	30.0	





#49

Dimethylphthalate

Concen: 8.18 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085403.D

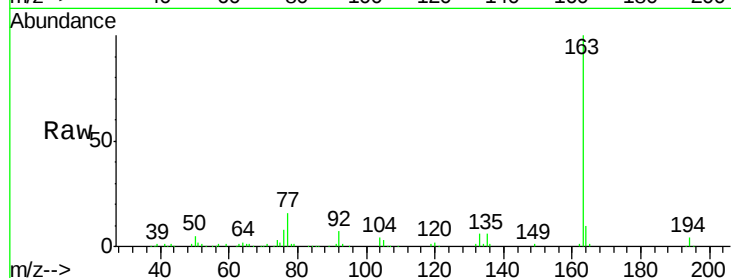
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Instrument :

BNA_F

ClientSampleId :

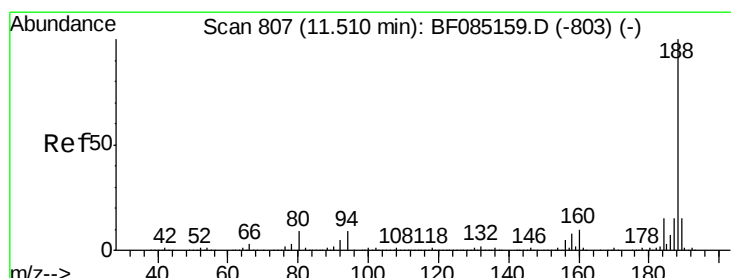
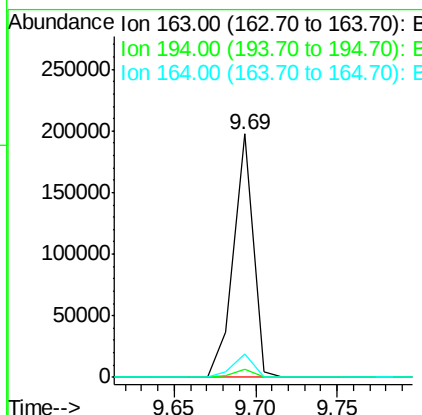
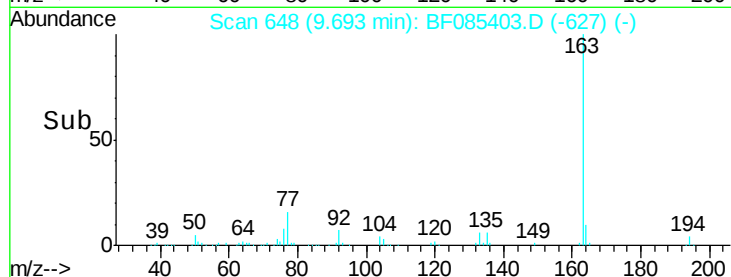
W170TH-SB-23-COMP(0.5-1.5)



Tgt Ion:	163	Resp:	164204
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.1	4.7
164	9.6	8.2	12.4

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#63

Phenanthrene-d10

Concen: 20.00 ng

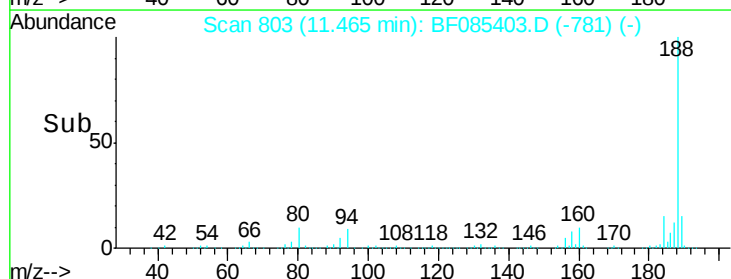
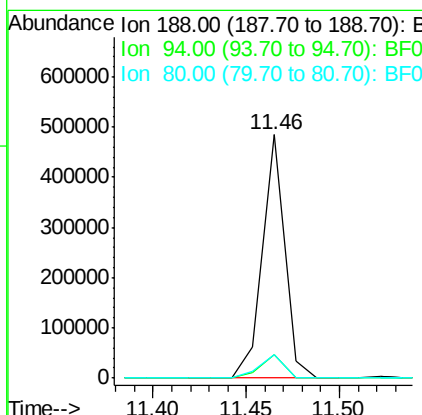
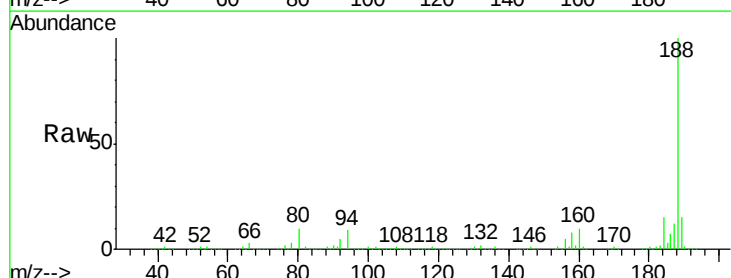
RT: 11.46 min Scan# 803

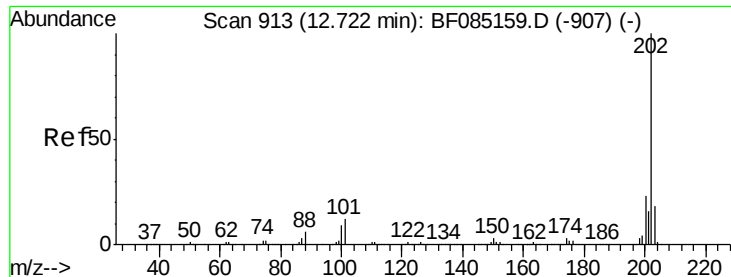
Delta R.T. -0.05 min

Lab File: BF085403.D

Acq: 12 Mar 2016 7:07

Tgt Ion:	188	Resp:	400463
Ion Ratio	Lower	Upper	
188	100		
94	9.4	7.0	10.6
80	9.8	7.4	11.0





#74

Fluoranthene

Concen: 3.92 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085403.D

Acq: 12 Mar 2016 7:07

Instrument :

BNA_F

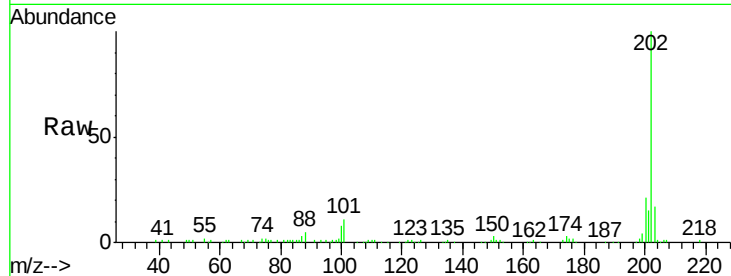
ClientSampleId :

W170TH-SB-23-COMP(0.5-1.5)

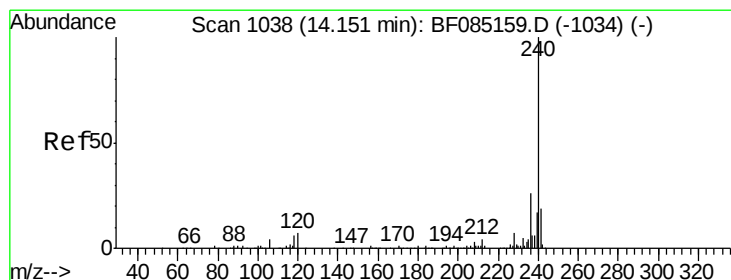
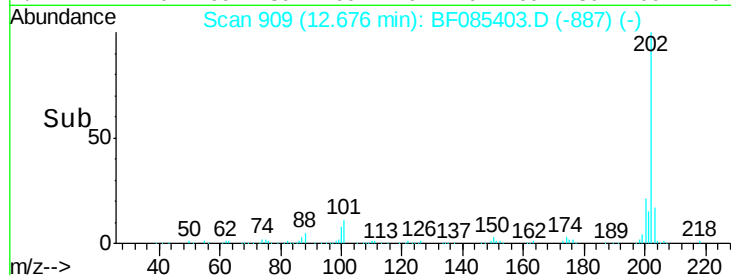
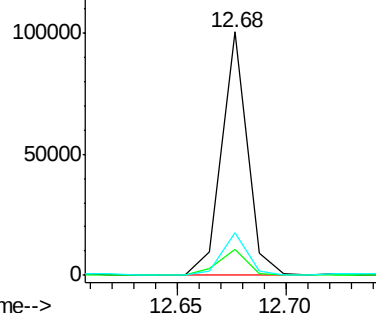
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	82557		
101	10.7	0.0	31.8	
203	17.4	0.0	38.4	

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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

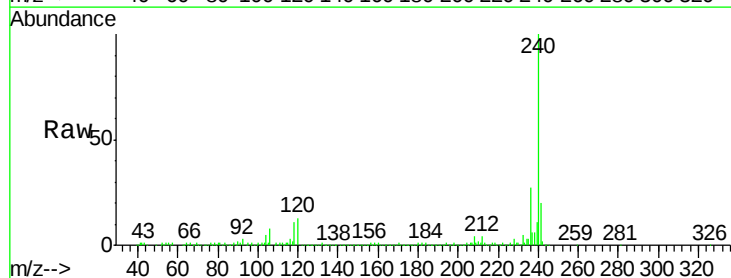
RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

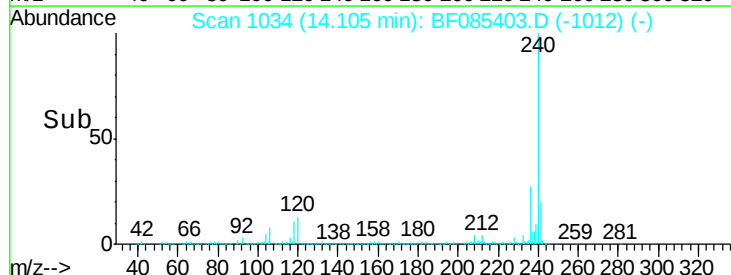
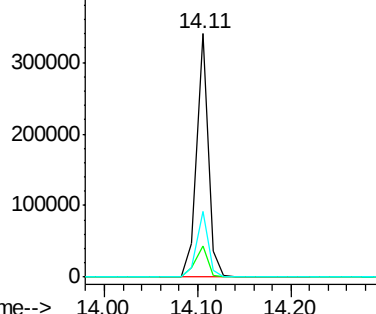
Lab File: BF085403.D

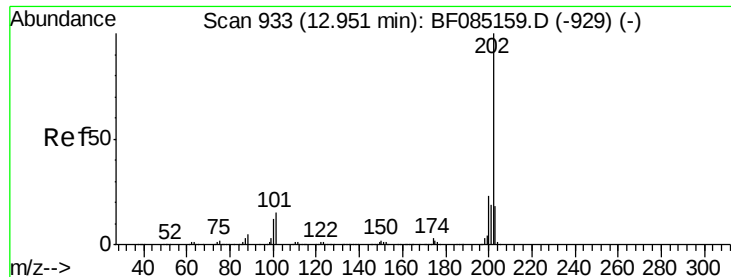
Acq: 12 Mar 2016 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	295956		
120	12.9	5.3	7.9#	
236	26.9	20.7	31.1	



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: 3.45 ng

RT: 12.91 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF085403.D

Acq: 12 Mar 2016 7:07

Instrument :

BNA_F

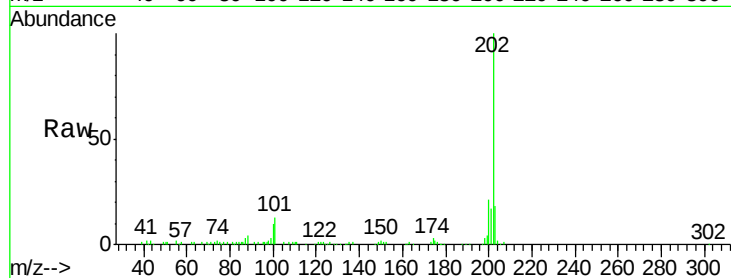
ClientSampleId :

W170TH-SB-23-COMP(0.5-1.5)

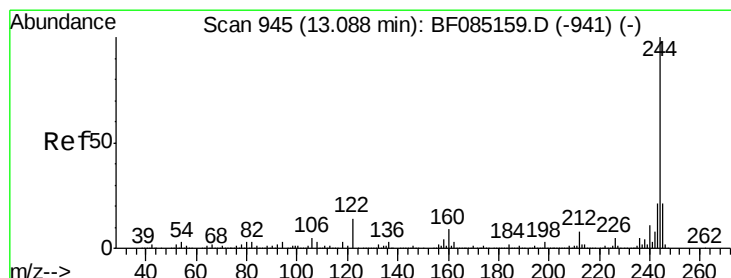
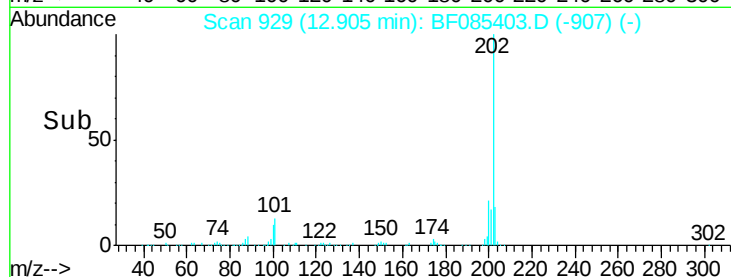
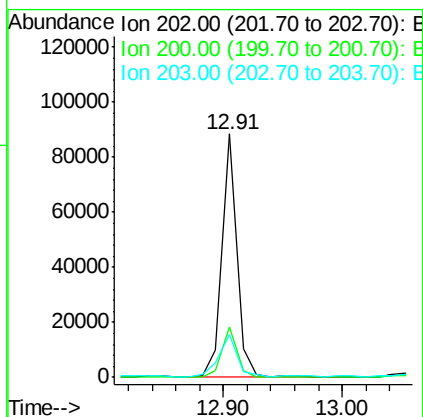
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	18.2	27.4
203	17.7	14.7	22.1



#78

Terphenyl-d14

Concen: 30.99 ng

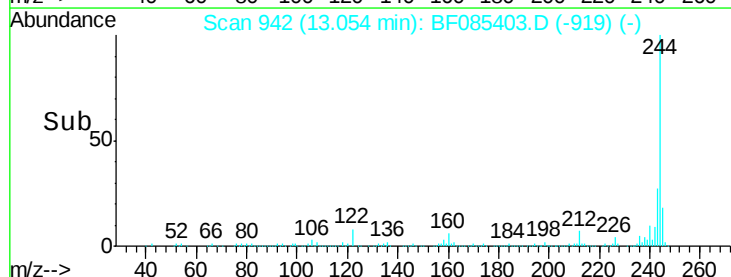
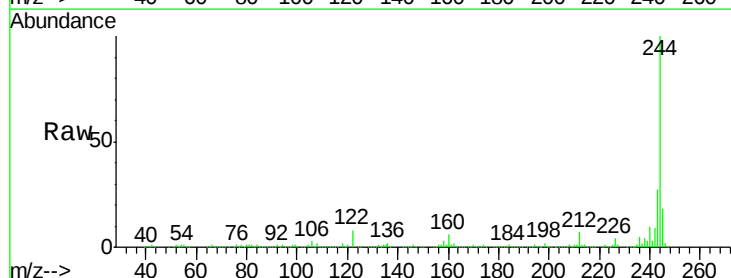
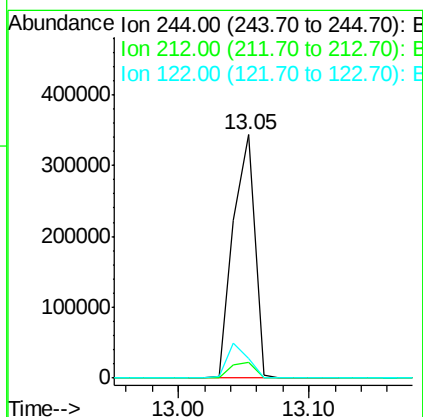
RT: 13.05 min Scan# 942

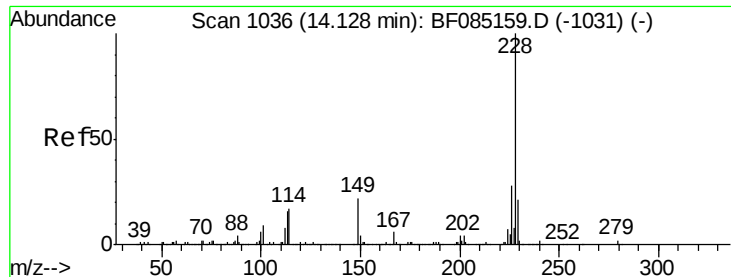
Delta R.T. -0.03 min

Lab File: BF085403.D

Acq: 12 Mar 2016 7:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.4	9.6
122	8.2	11.4	17.2





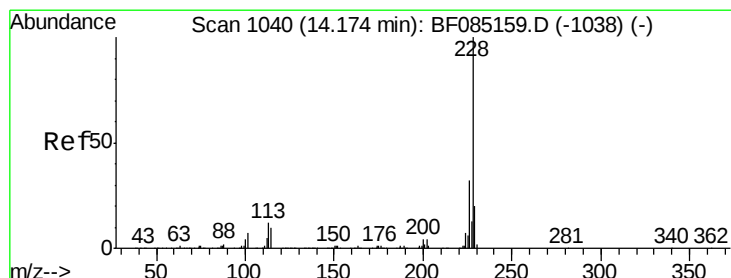
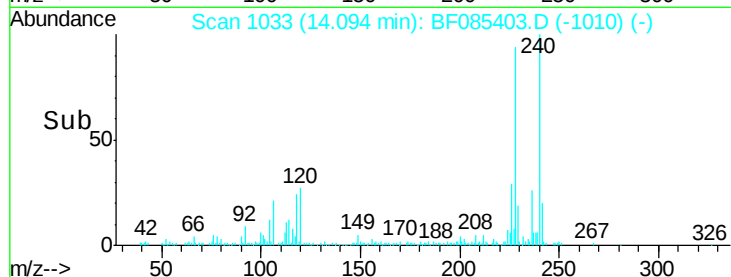
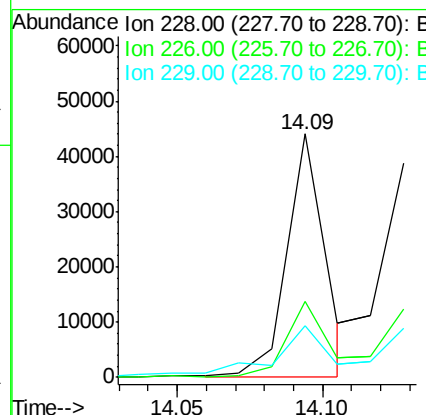
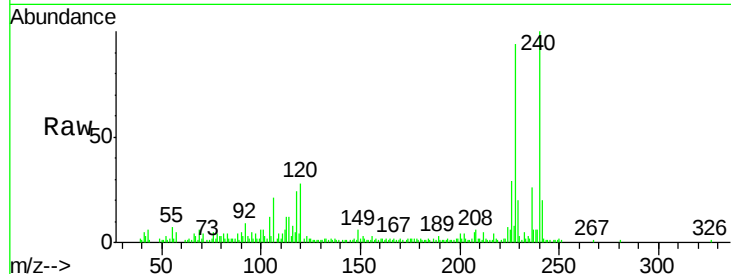
#80
Benzo(a)anthracene
Concen: 2.31 ng m
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085403.D
Acq: 12 Mar 2016 7:07

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-23-COMP(0.5-1.5)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.8	34.2
229	21.0	16.6	24.8

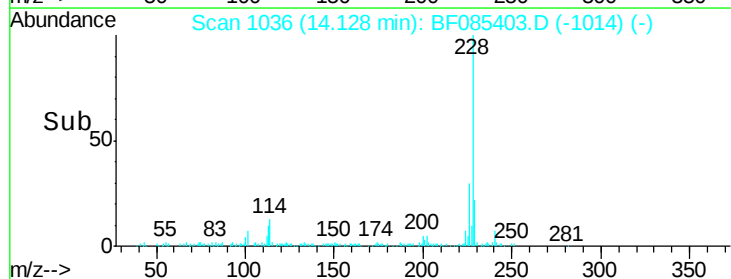
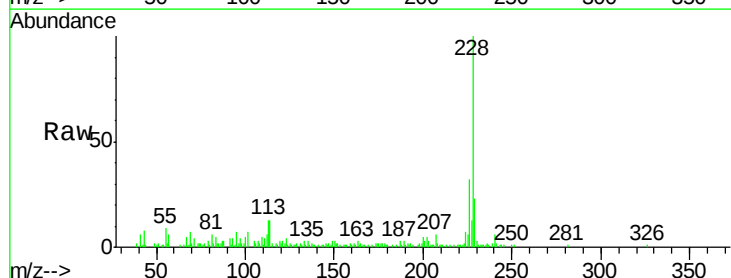
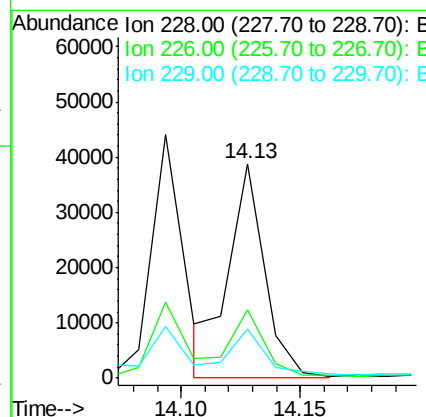
Manual Integrations
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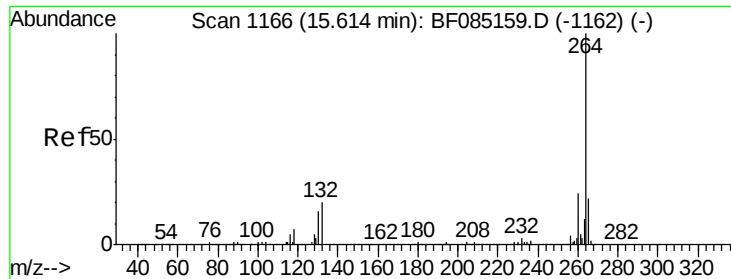
UMANGI
3/14/2016 10:46:06 AM



#82
Chrysene
Concen: 2.48 ng m
RT: 14.13 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF085403.D
Acq: 12 Mar 2016 7:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.2	37.8
229	22.8	16.0	24.0





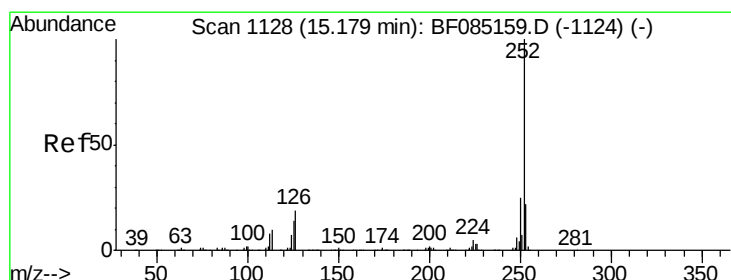
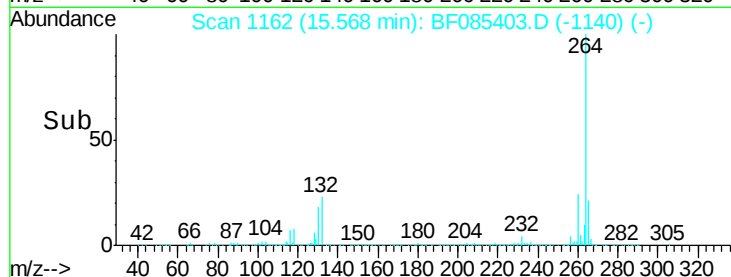
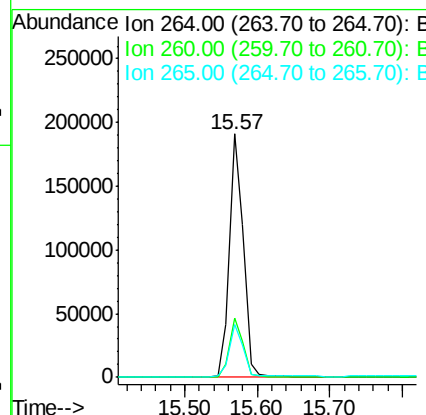
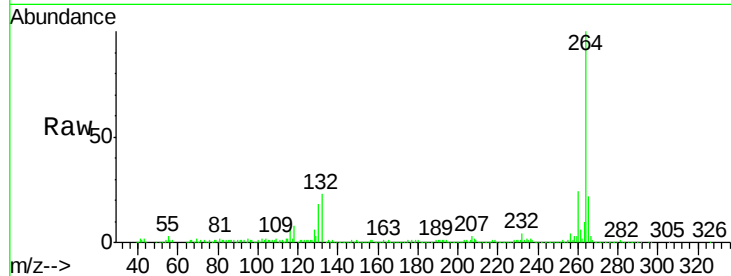
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085403.D
 Acq: 12 Mar 2016 7:07

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-23-COMP(0.5-1.5)

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	257614		
260	24.4	19.2	28.8	
265	21.6	17.3	25.9	

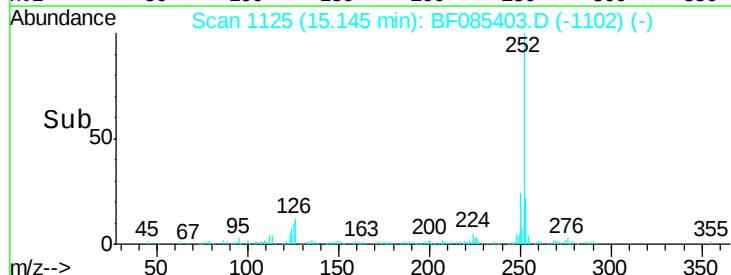
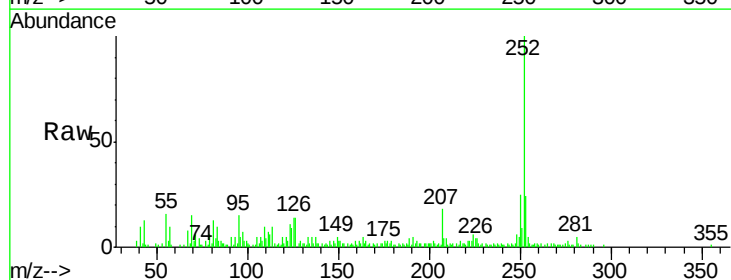
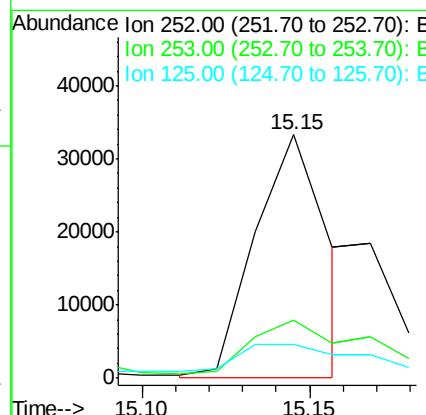
Manual Integrations
 APPROVED

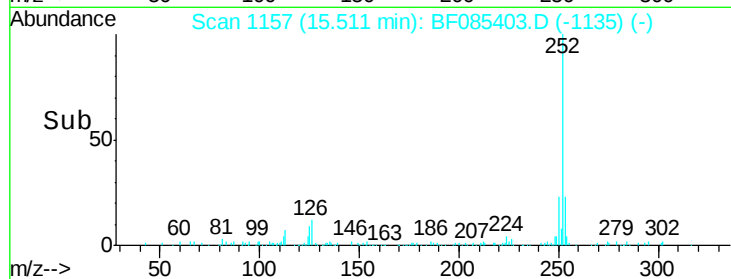
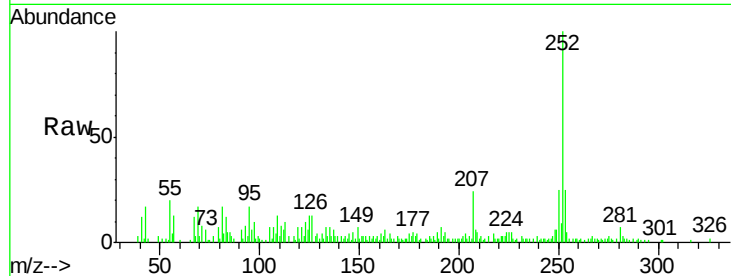
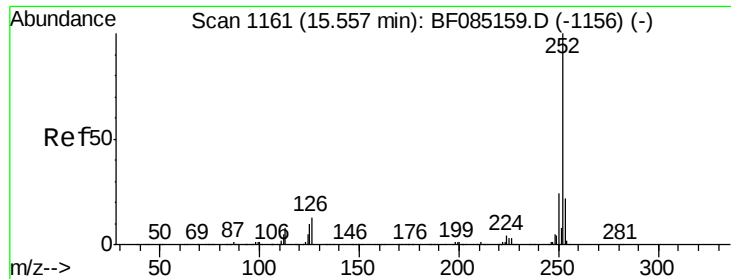
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 3/14/2016 10:46:06 AM



#87
 Benzo(b)fluoranthene
 Concen: 2.90 ng m
 RT: 15.15 min Scan# 1125
 Delta R.T. -0.03 min
 Lab File: BF085403.D
 Acq: 12 Mar 2016 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	49770		
253	24.1	17.8	26.6	
125	13.9	11.3	16.9	





#89

Benzo(a)pyrene

Concen: 2.40 ng

RT: 15.51 min Scan# 1157

Delta R.T. -0.05 min

Lab File: BF085403.D

Acq: 12 Mar 2016 7:07

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-23-COMP(0.5-1.5)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.0
125	12.6	8.2	12.4

Manual Integrations
APPROVED

UMANGI
3/14/2016 10:46:06 AM

