

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082605.D
 Acq On : 31 Oct 2015 7:21
 Operator : UM/IZ
 Sample : G4014-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-6

Manual Integrations
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Quant Time: Nov 02 05:09:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	212992	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	754373	20.00	ng	0.01
38) Acenaphthene-d10	9.98	164	343994	20.00	ng	0.03
63) Phenanthrene-d10	11.48	188	605570	20.00	ng	0.05
75) Chrysene-d12	14.09	240	488061	20.00	ng	0.01
86) Perylene-d12	15.54	264	437215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1739755	123.02	ng	0.01
7) Phenol-d6	6.54	99	2745952	146.16	ng	0.01
23) Nitrobenzene-d5	7.47	82	1715229	92.85	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	549592	145.99	ng	0.05
44) 2-Fluorobiphenyl	9.30	172	2325210	95.97	ng	0.02
78) Terphenyl-d14	13.05	244	2026460	90.87	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.69	163	477701	17.00	ng	# 90
70) Phenanthrene	11.50	178	720287	21.09	ng	# 83
77) Pyrene	12.91	202	472989m	13.09	ng	

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

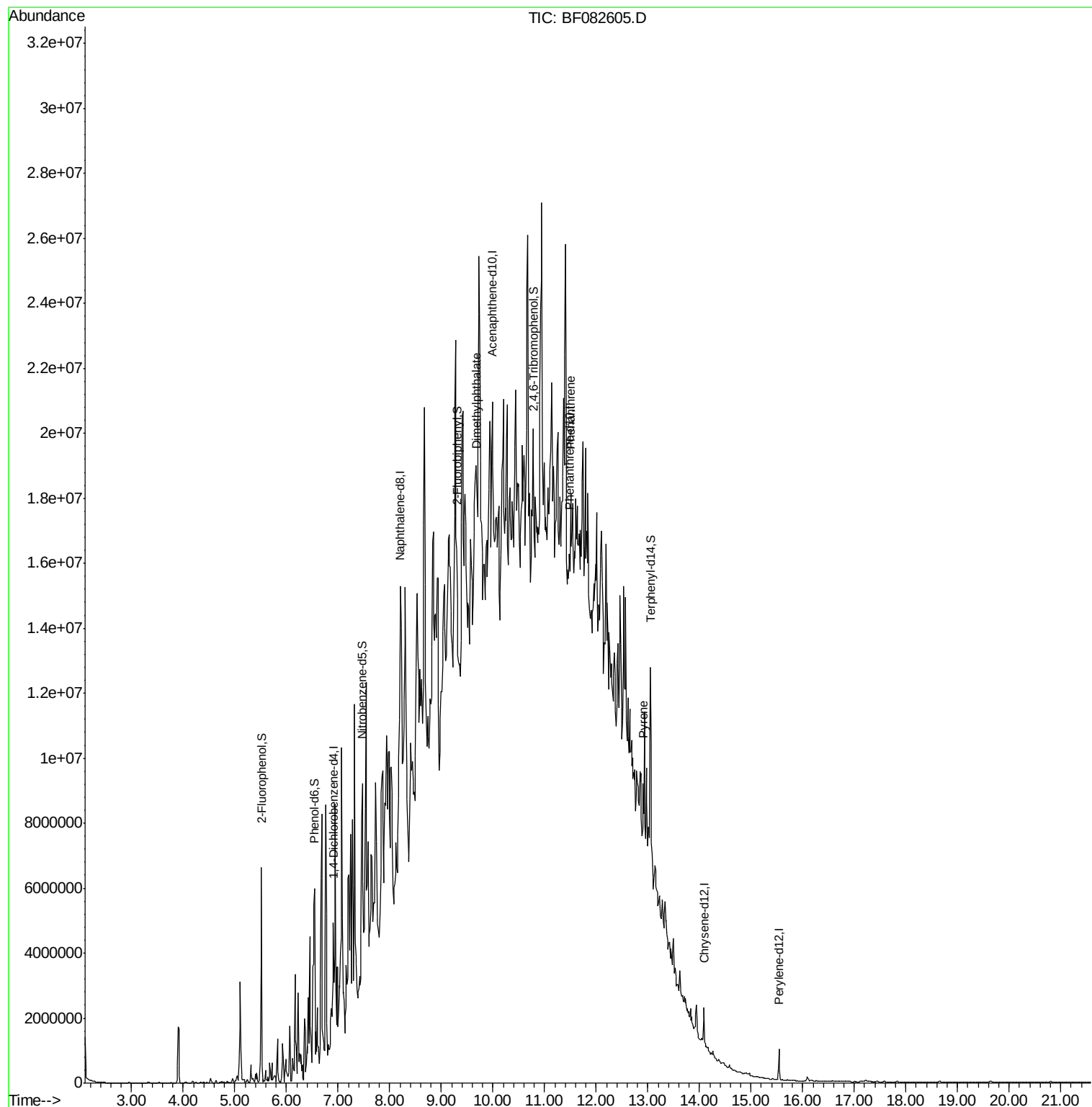
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082605.D
Acq On : 31 Oct 2015 7:21
Operator : UM/IZ
Sample : G4014-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

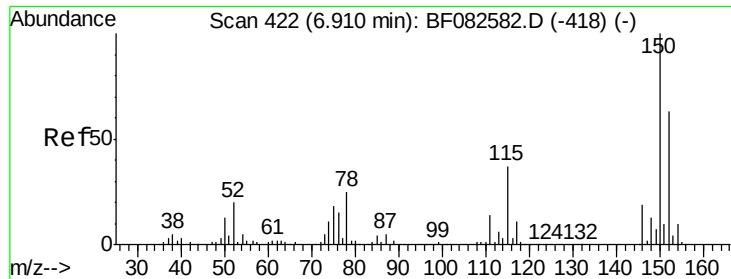
Instrument :
BNA_F
ClientSampleId :
SC-6

Quant Time: Nov 02 05:09:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
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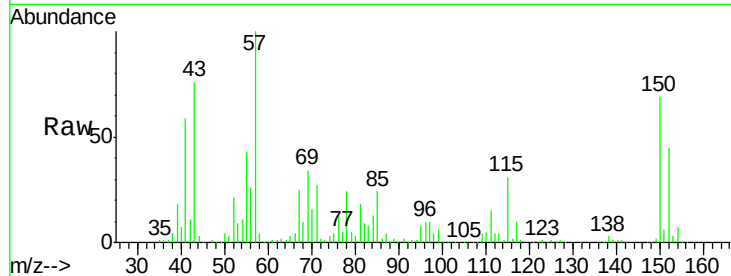




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

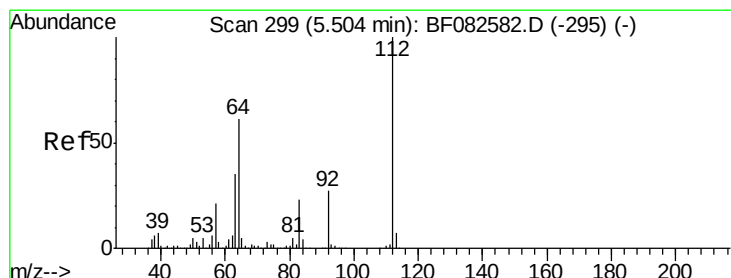
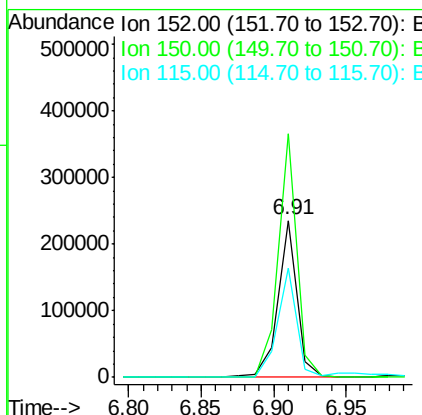
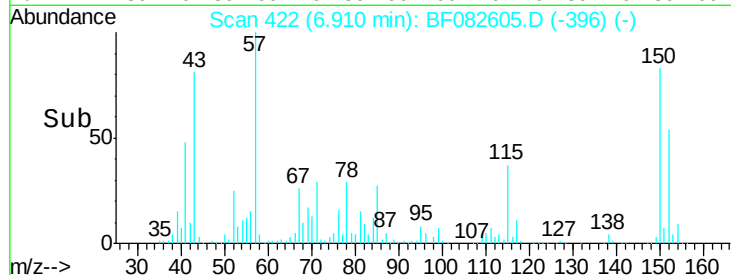
Instrument :
BNA_F
ClientSampled :
SC-6



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.0	190.4
115	69.4	47.0	70.6

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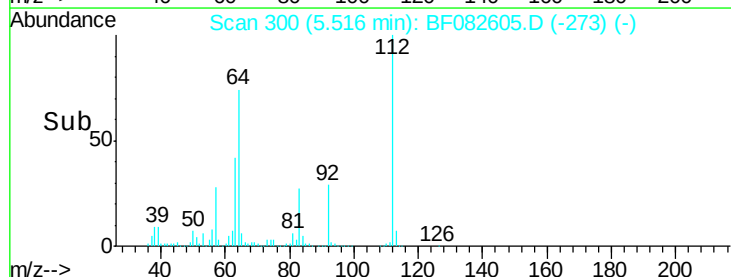
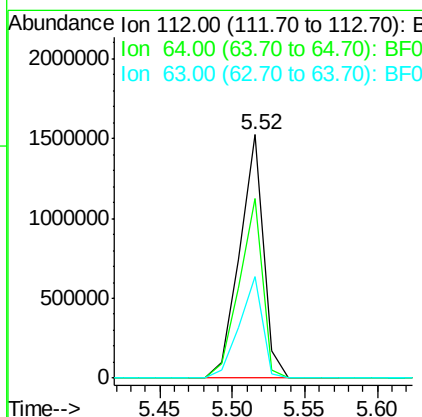
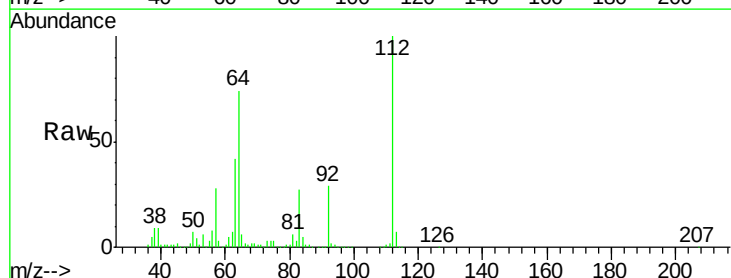
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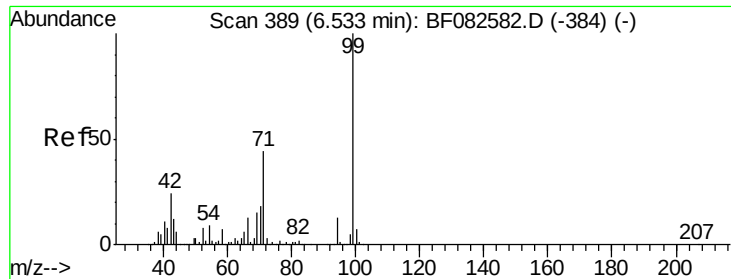


#5

2-Fluorophenol
Concen: 123.02 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	48.9	73.3#
63	41.8	28.1	42.1





#7

Phenol-d6

Concen: 146.16 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF082605.D

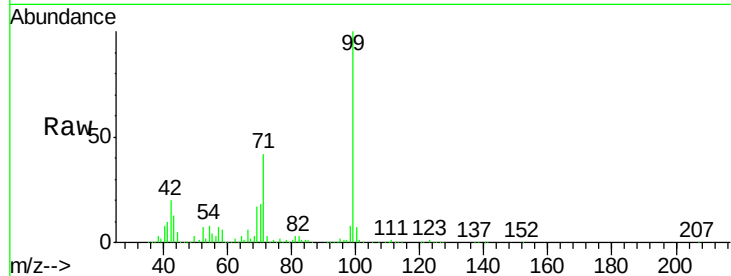
Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

SC-6



Tgt Ion: 99 Resp: 2745952

Ion Ratio Lower Upper

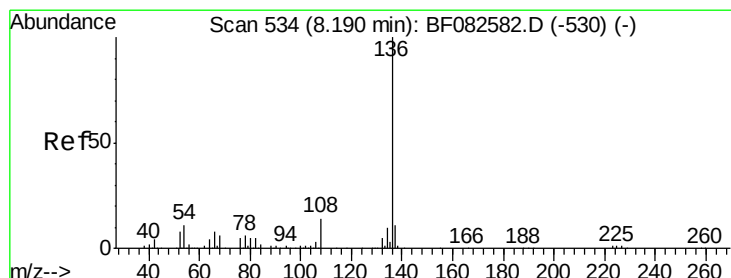
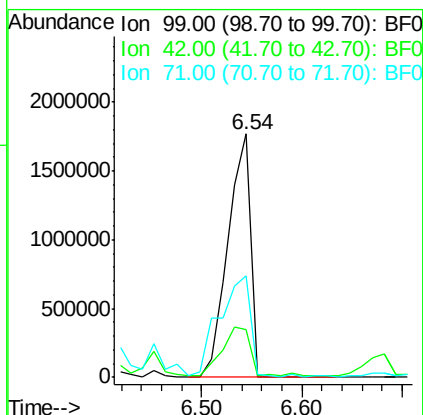
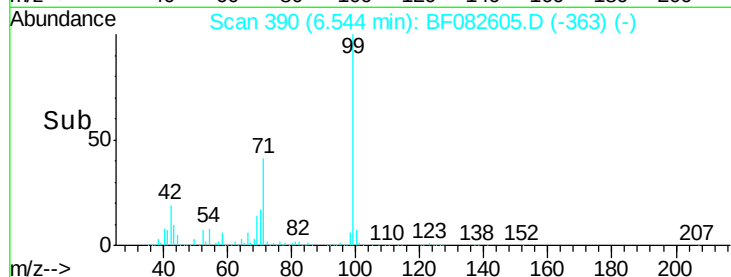
99 100

42 19.7 19.2 28.8

71 41.6 35.0 52.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.01 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Tgt Ion: 136 Resp: 754373

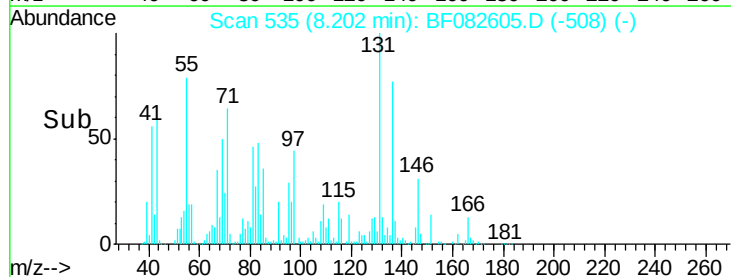
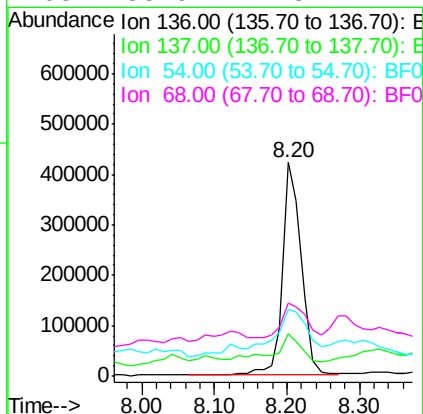
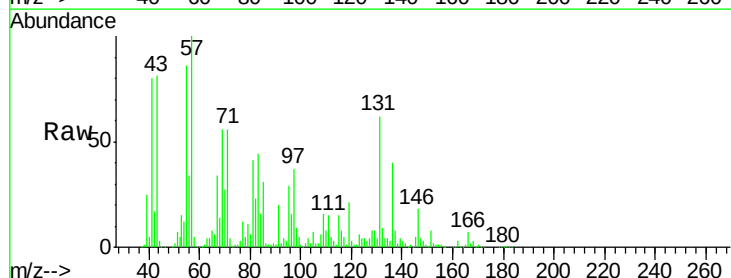
Ion Ratio Lower Upper

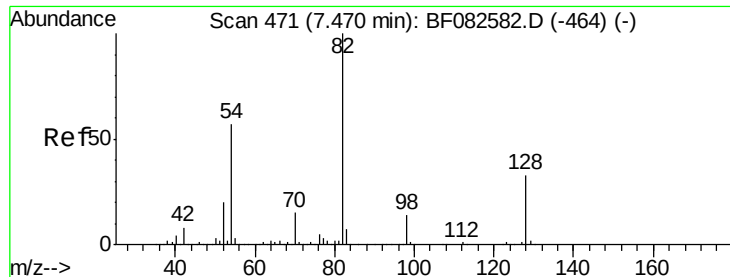
136 100

137 19.5 9.1 13.7#

54 31.1 9.1 13.7#

68 33.9 4.8 7.2#





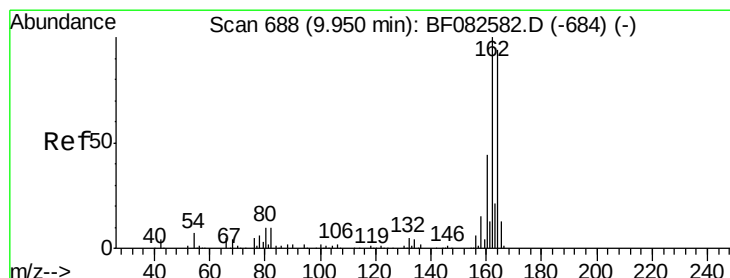
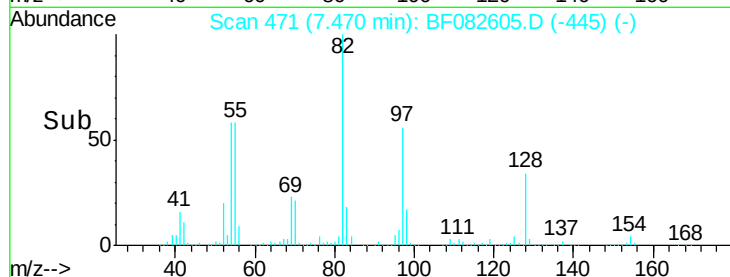
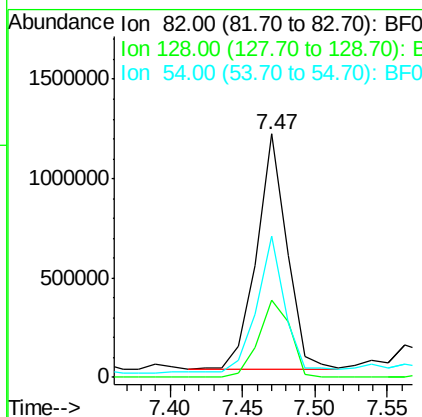
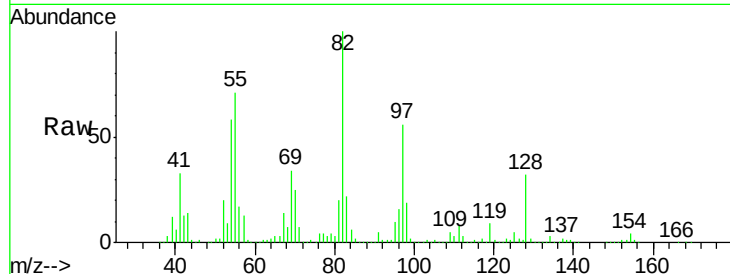
#23
 Nitrobenzene-d5
 Concen: 92.85 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

Instrument :
 BNA_F
 ClientSampled :
 SC-6

Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.9	26.8	40.2
54	58.0	45.7	68.5

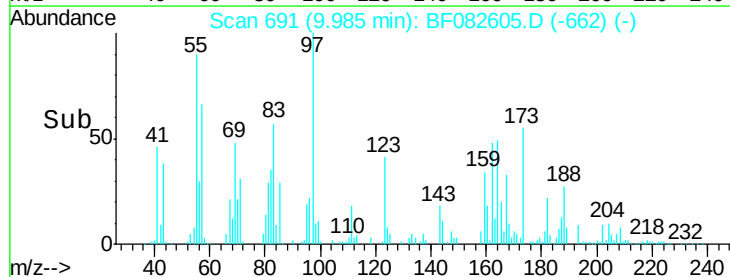
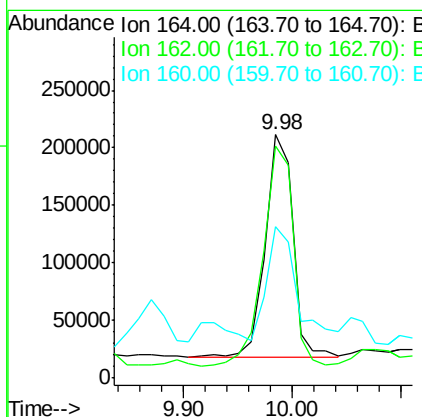
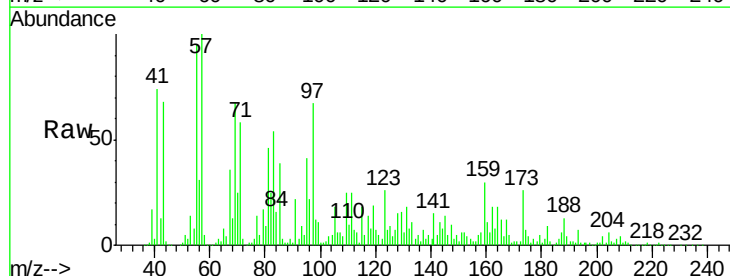
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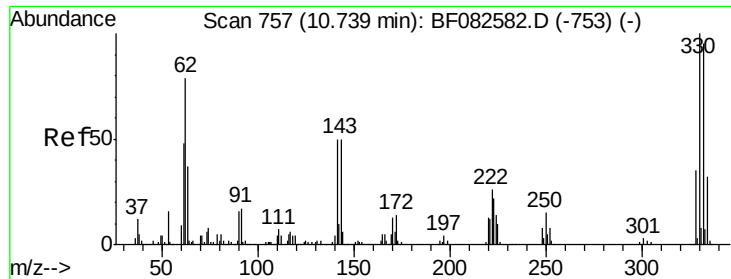
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.4	84.9	127.3
160	62.1	37.5	56.3#





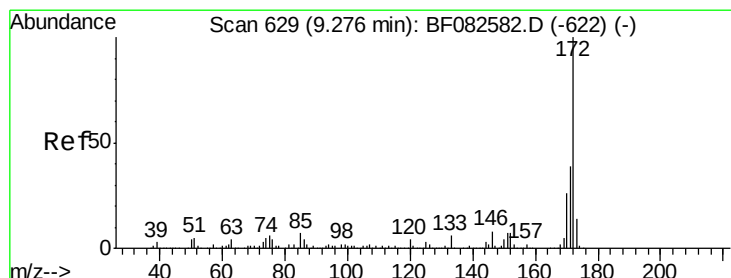
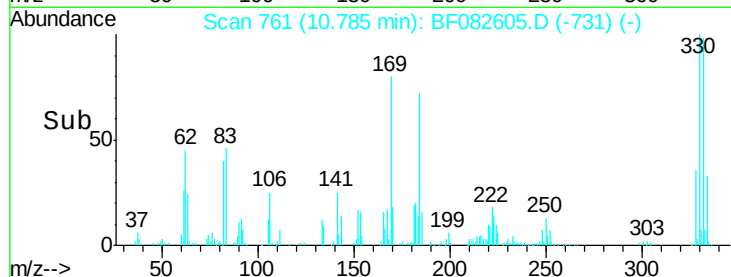
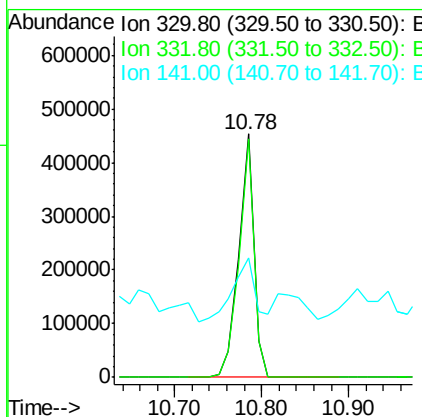
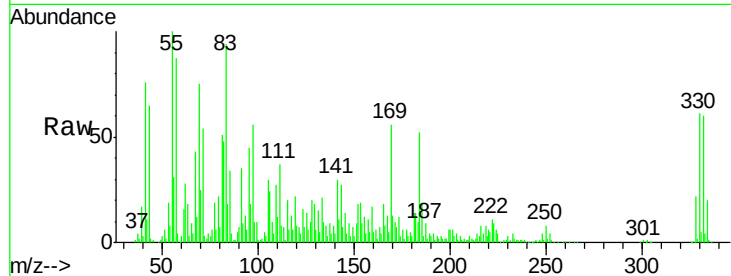
#41
 2,4,6-Tribromophenol
 Concen: 145.99 ng
 RT: 10.78 min Scan# 761
 Delta R.T. 0.05 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

Instrument :
 BNA_F
 ClientSampled :
 SC-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	549592		
332	96.7	76.6	114.8	
141	37.3	41.2	61.8#	

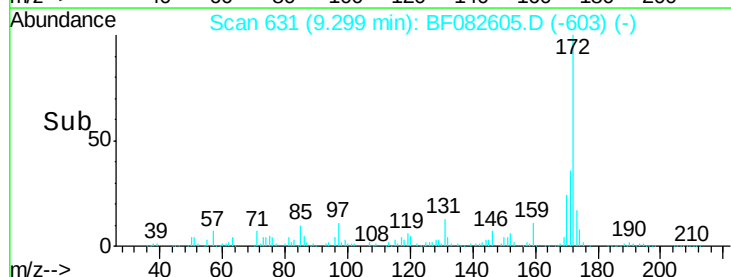
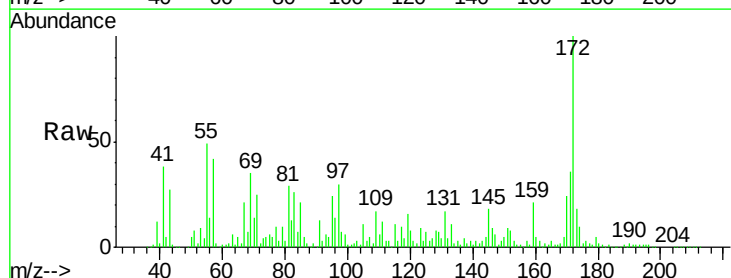
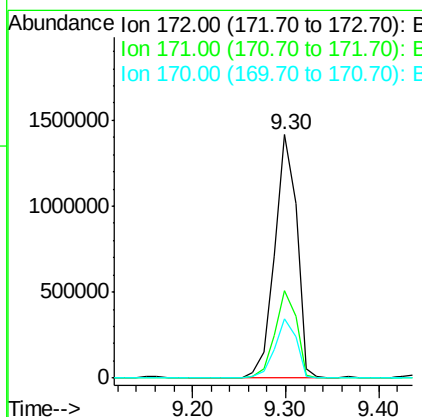
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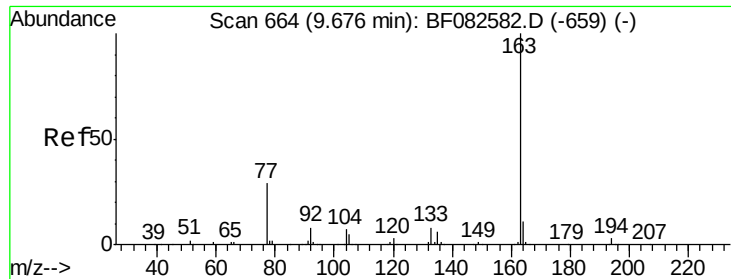
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#44
 2-Fluorobiphenyl
 Concen: 95.97 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.02 min
 Lab File: BF082605.D
 Acq: 31 Oct 2015 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2325210		
171	35.8	30.8	46.2	
170	24.4	21.2	31.8	





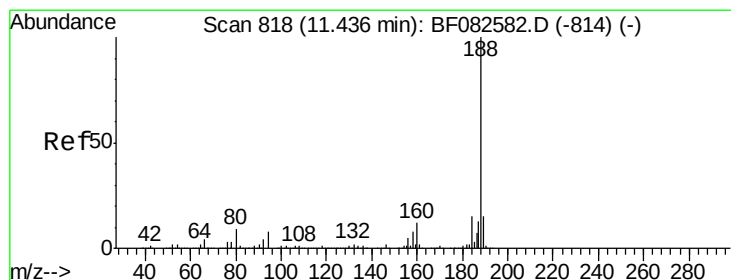
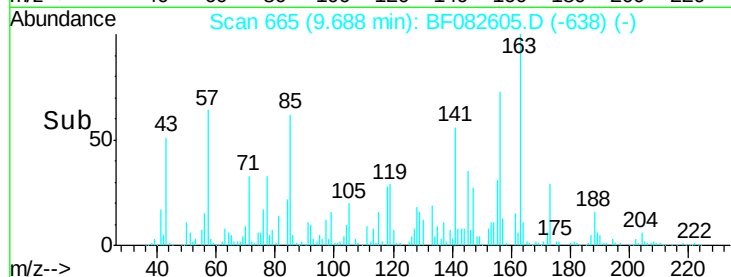
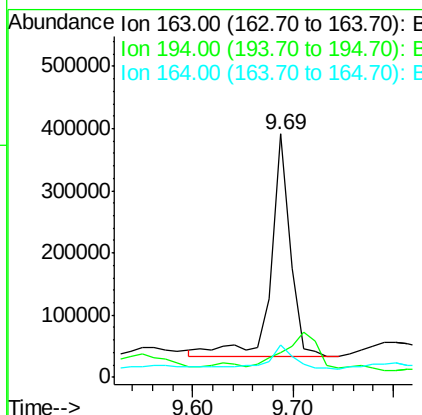
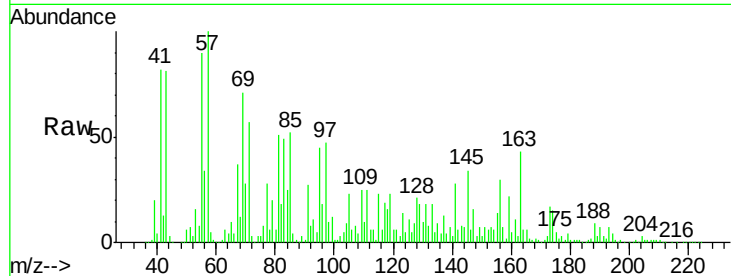
#49
Dimethylphthalate
Concen: 17.00 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

Instrument :
BNA_F
ClientSampled :
SC-6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	477701		
194	10.2	2.6	4.0#	
164	13.5	8.7	13.1#	

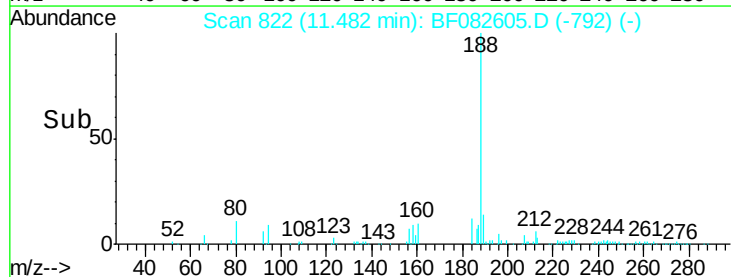
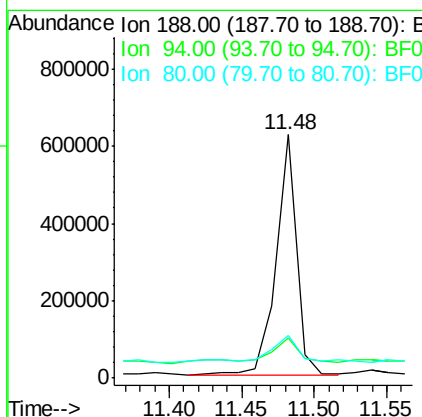
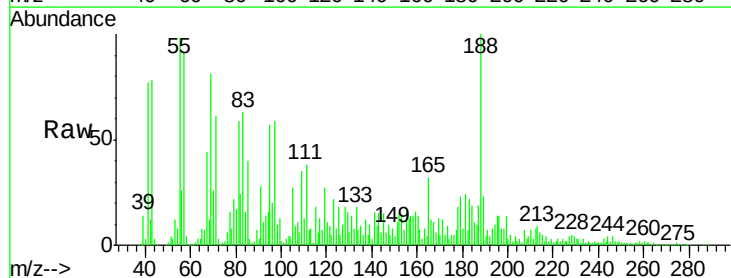
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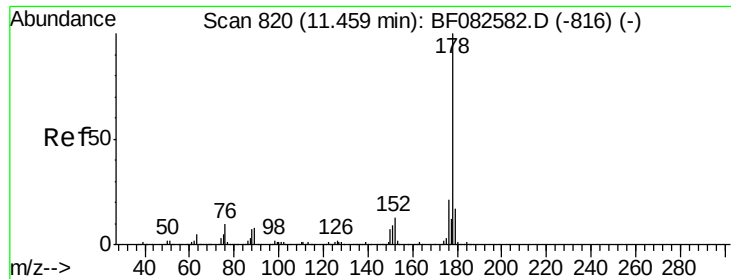
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.05 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	605570		
94	16.3	6.1	9.1#	
80	17.4	7.0	10.6#	





#70

Phenanthrene

Concen: 21.09 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.05 min

Lab File: BF082605.D

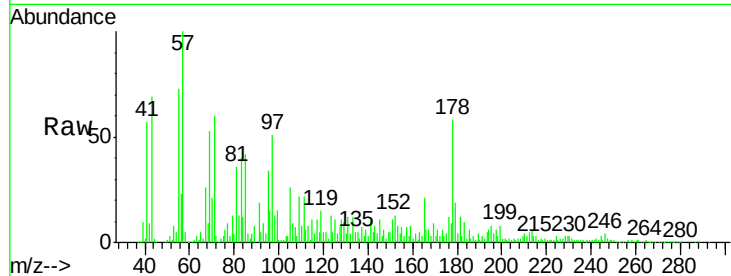
Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

SC-6



Tgt Ion:178 Resp: 720287

Ion Ratio Lower Upper

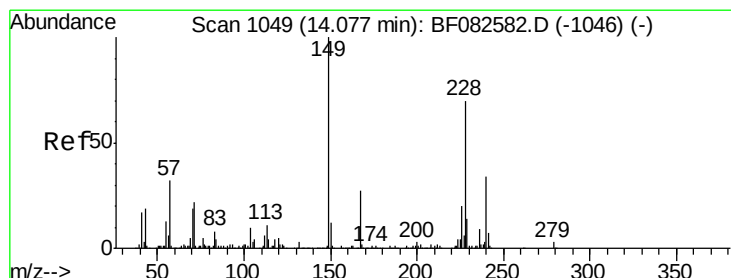
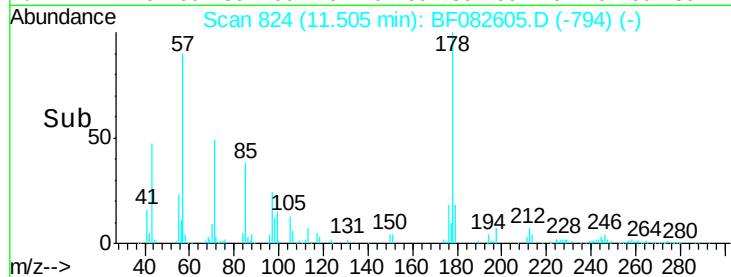
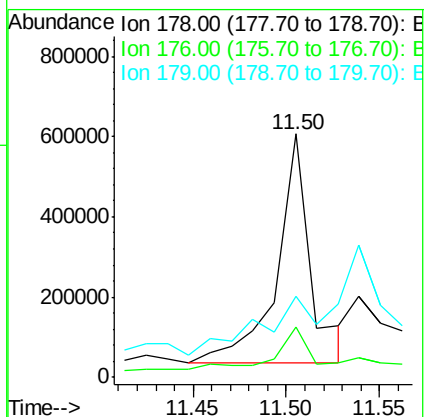
178 100

176 20.8 17.0 25.4

179 33.4 13.4 20.0#

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

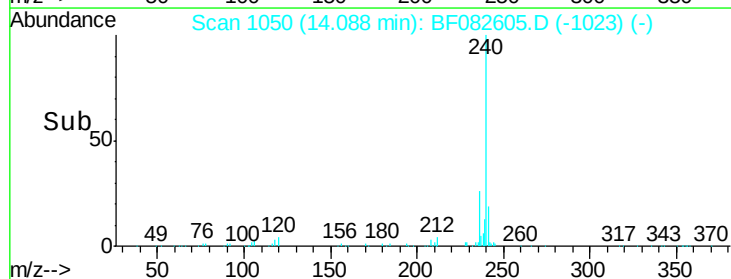
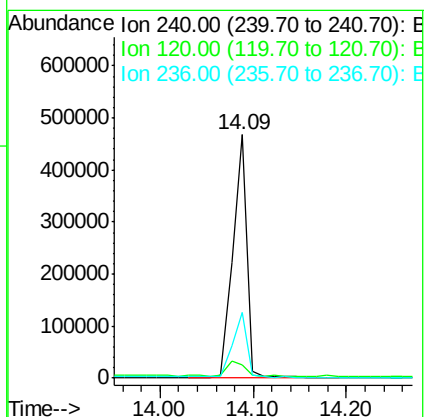
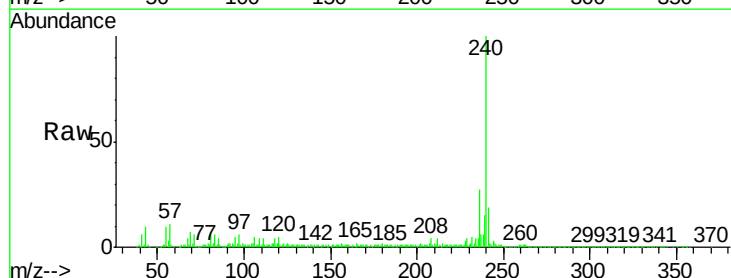
Tgt Ion:240 Resp: 488061

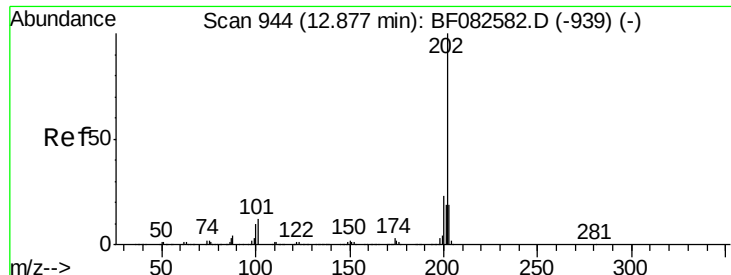
Ion Ratio Lower Upper

240 100

120 5.5 10.9 16.3#

236 27.0 21.6 32.4





#77

Pyrene

Concen: 13.09 ng m

RT: 12.91 min Scan# 947

Delta R.T. 0.03 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Instrument :

BNA_F

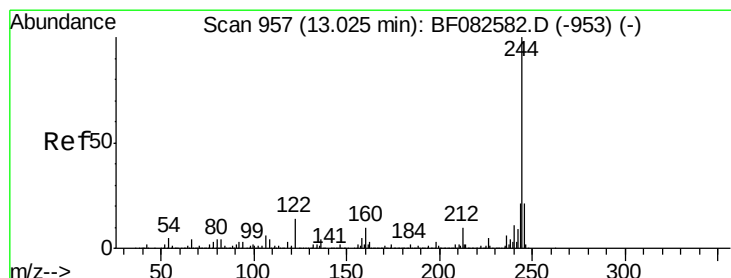
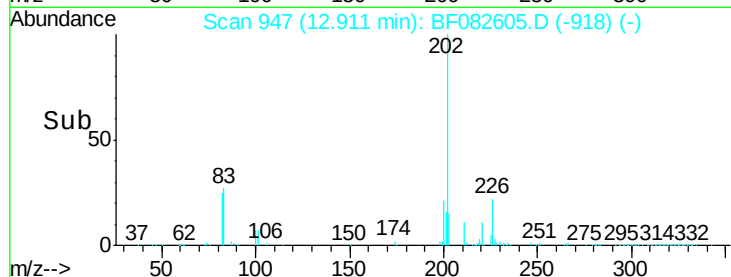
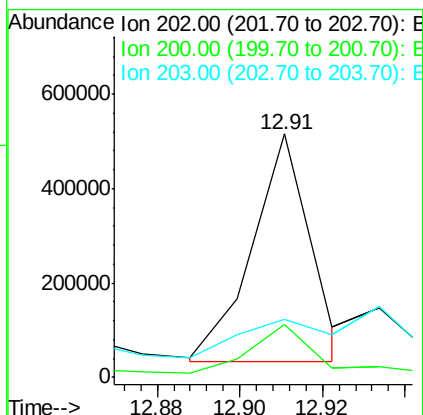
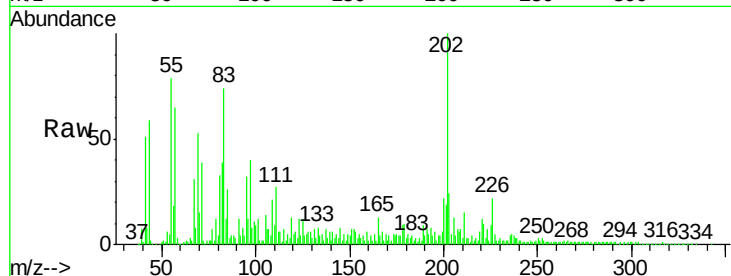
ClientSampleId :

SC-6

Tgt Ion:	202	Resp:	472989
Ion Ratio	Lower	Upper	
202	100		
200	21.9	18.7	28.1
203	23.8	14.8	22.2#

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#78

Terphenyl-d14

Concen: 90.87 ng

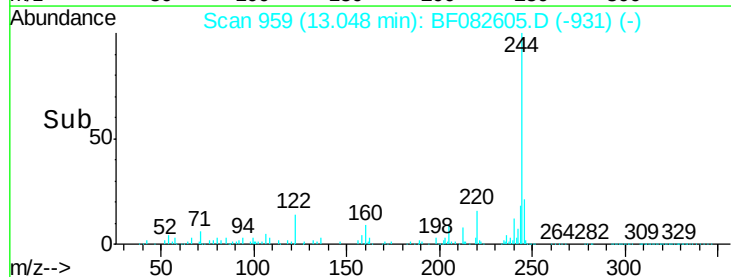
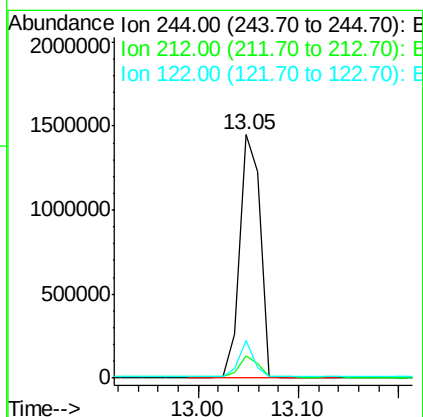
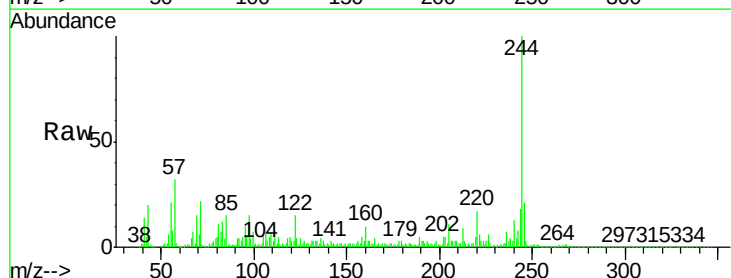
RT: 13.05 min Scan# 959

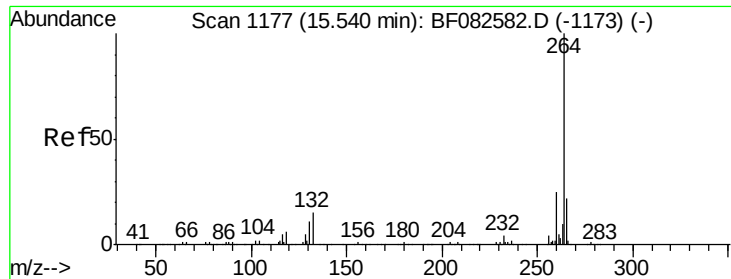
Delta R.T. 0.02 min

Lab File: BF082605.D

Acq: 31 Oct 2015 7:21

Tgt Ion:	244	Resp:	2026460
Ion Ratio	Lower	Upper	
244	100		
212	9.0	7.6	11.4
122	15.2	11.3	16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF082605.D
Acq: 31 Oct 2015 7:21

Instrument :
BNA_F
ClientSampleId :
SC-6

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	437215		
260	25.1	19.8	29.6	
265	21.2	17.4	26.0	

Manual Integrations
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