

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080085.D
 Acq On : 20 Jun 2015 6:57
 Operator : TP/IZ
 Sample : G2683-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Manual Integrations
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 6/22/2015 2:44:04 PM

Quant Time: Jun 22 01:03:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	44005	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	186193	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	95702	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	208487	20.00	ng	-0.01
75) Chrysene-d12	14.91	240	219017	20.00	ng	0.05
86) Perylene-d12	16.81	264	216408	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	309826	124.63	ng	0.00
7) Phenol-d6	6.93	99	384233	116.15	ng	-0.01
23) Nitrobenzene-d5	7.89	82	245264	76.69	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	113981	121.80	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	489415	72.93	ng	-0.01
78) Terphenyl-d14	13.61	244	639417	68.18	ng	0.02
Target Compounds						
49) Dimethylphthalate	10.08	163	87196	12.12	ng	Qvalue # 97
70) Phenanthrene	11.92	178	31221	2.47	ng	97
74) Fluoranthene	13.20	202	40261	2.99	ng	87
77) Pyrene	13.45	202	34822	2.58	ng	96

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

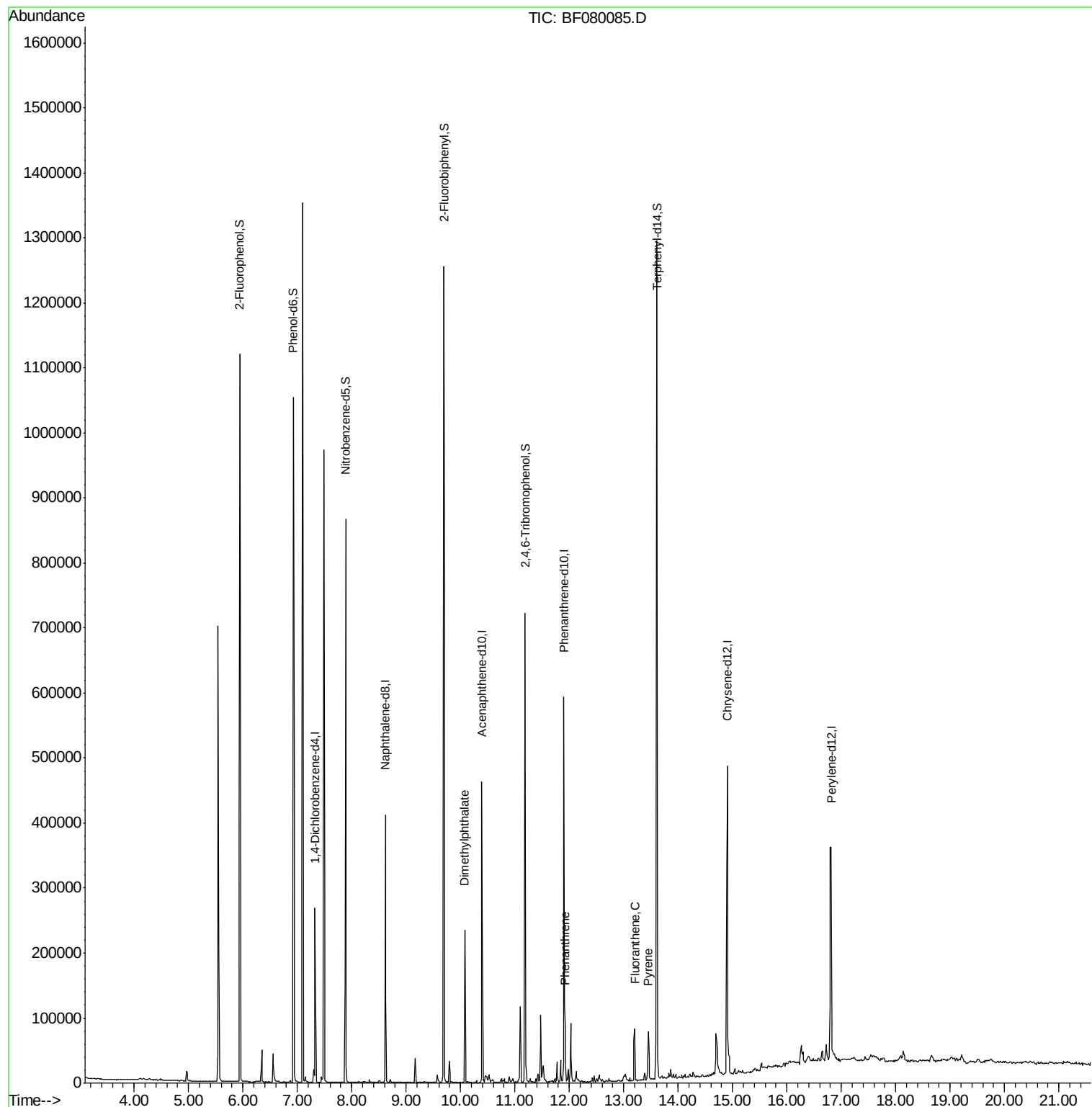
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080085.D
Acq On : 20 Jun 2015 6:57
Operator : TP/IZ
Sample : G2683-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

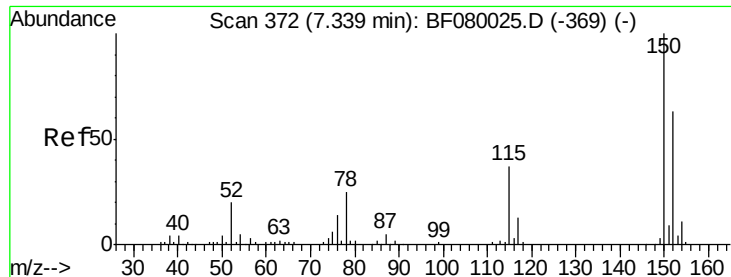
Instrument :
BNA_F
ClientSampleId :
PE-3

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#1

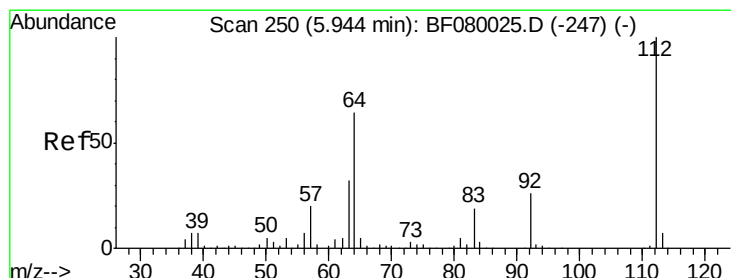
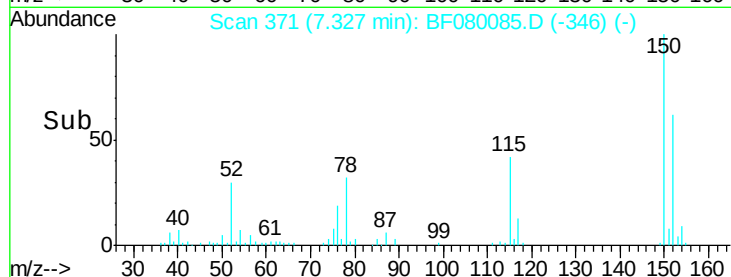
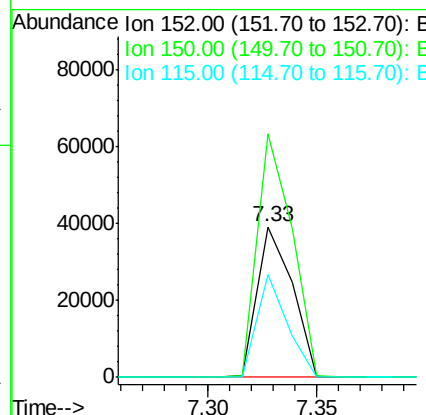
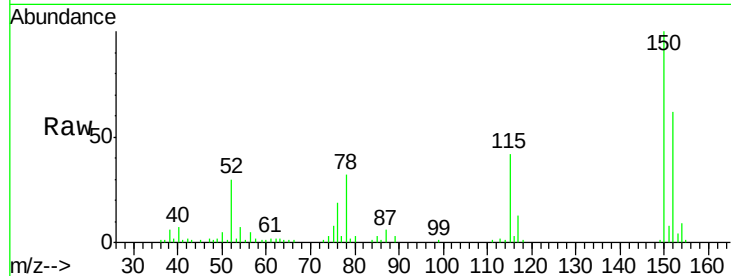
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080085.D
Acq: 20 Jun 2015 6:57

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.7	187.1
115	68.3	39.0	58.4

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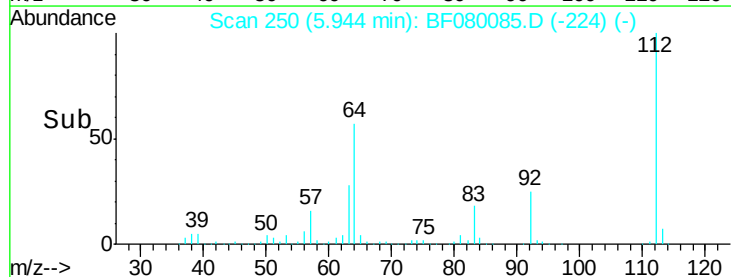
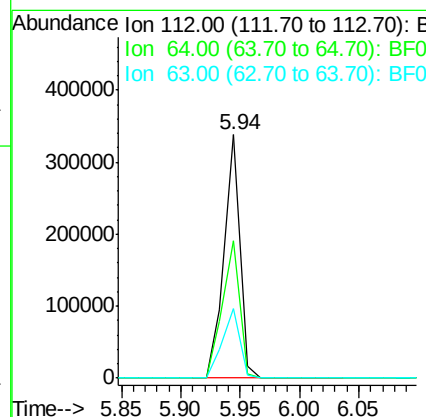
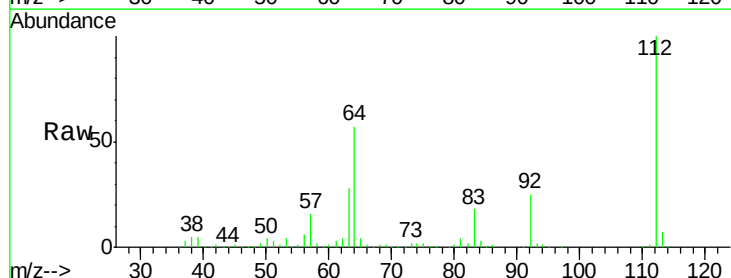
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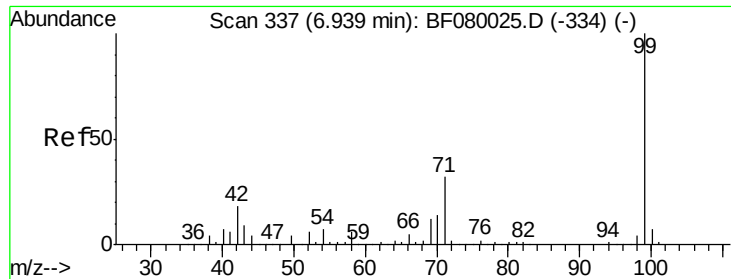


#5

2-Fluorophenol
Concen: 124.63 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080085.D
Acq: 20 Jun 2015 6:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	39.7	59.5
63	28.4	17.4	26.0





#7

Phenol-d6

Concen: 116.15 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080085.D

Acq: 20 Jun 2015 6:57

Instrument :

BNA_F

ClientSampled :

PE-3

Tgt Ion: 99 Resp: 384233

Ion Ratio Lower Upper

99 100

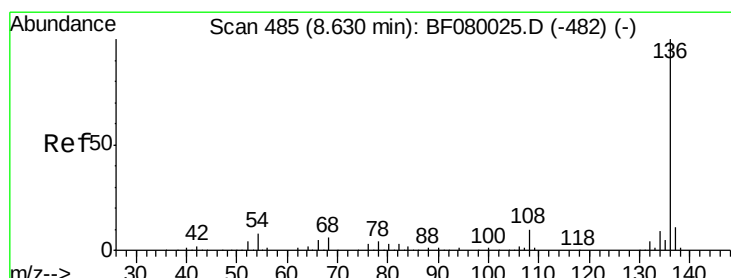
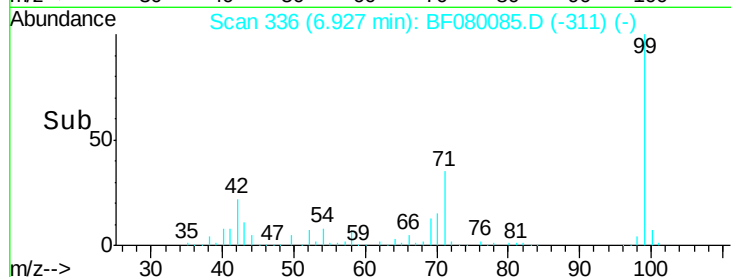
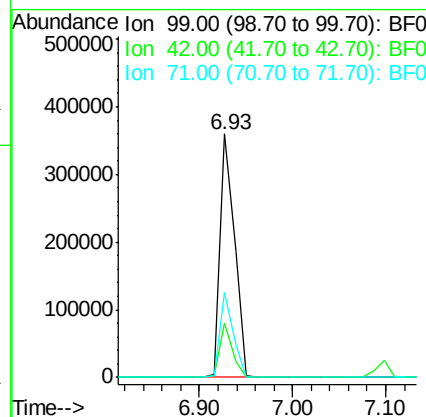
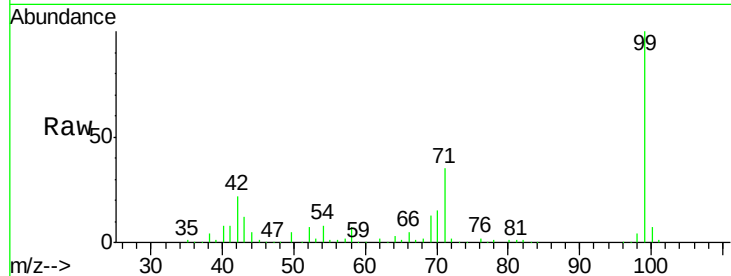
42 22.2 13.7 20.5#

71 35.0 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF080085.D

Acq: 20 Jun 2015 6:57

Tgt Ion: 136 Resp: 186193

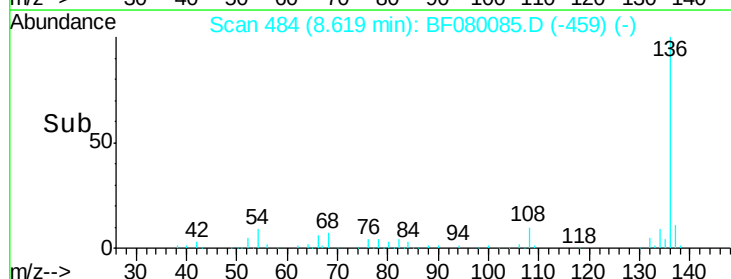
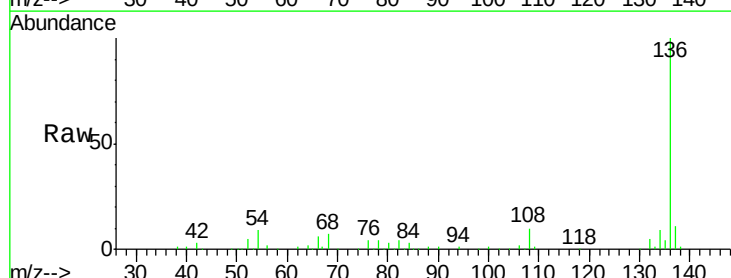
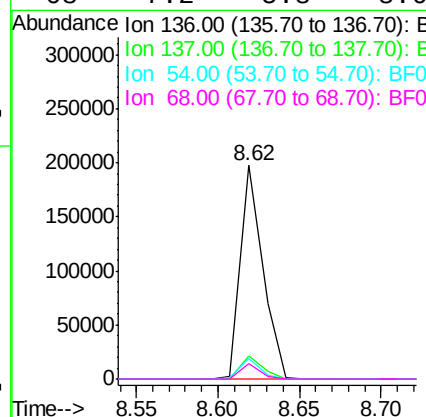
Ion Ratio Lower Upper

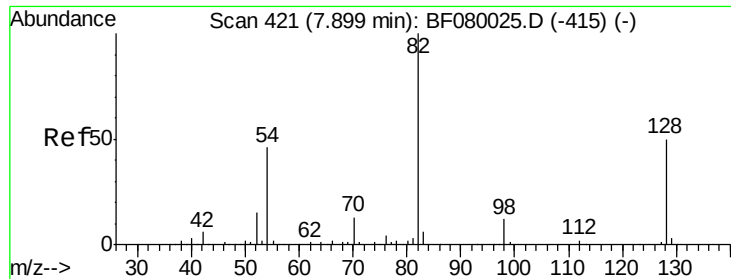
136 100

137 10.9 9.0 13.6

54 9.4 8.2 12.2

68 7.2 5.8 8.6





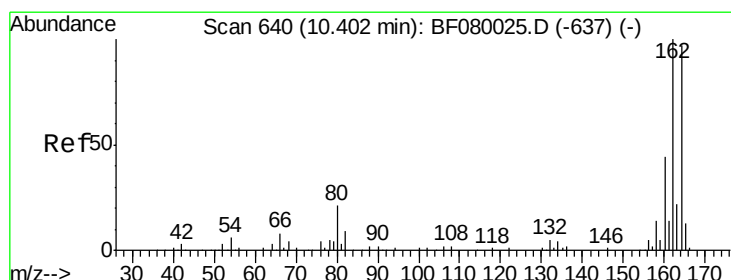
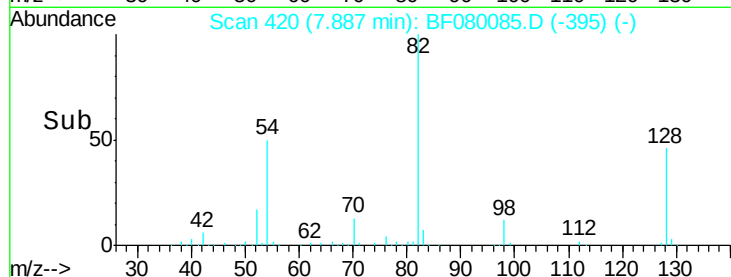
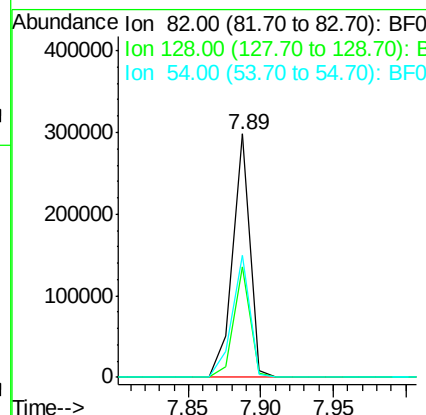
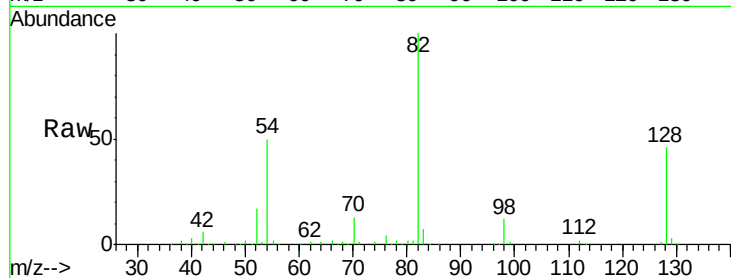
#23
 Nitrobenzene-d5
 Concen: 76.69 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	245264		
128	45.6	51.0	76.6#	
54	50.4	47.5	71.3	

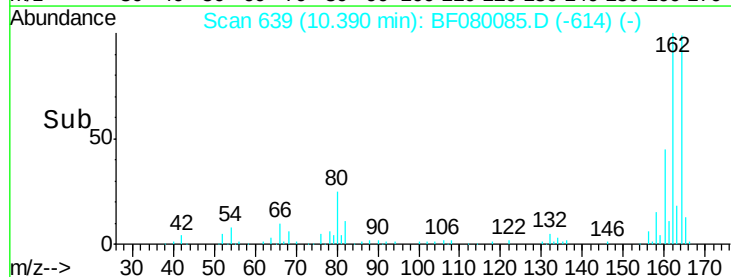
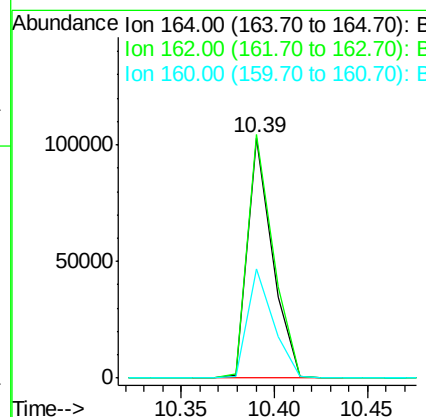
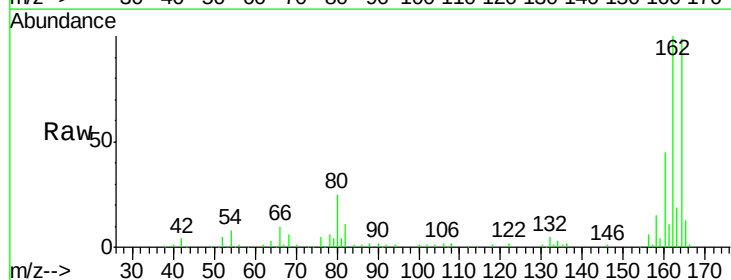
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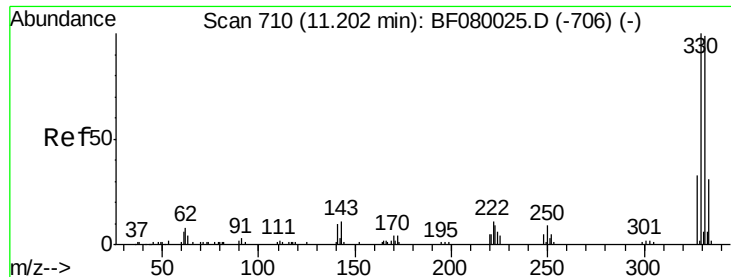
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	95702		
162	101.5	75.2	112.8	
160	45.4	31.5	47.3	





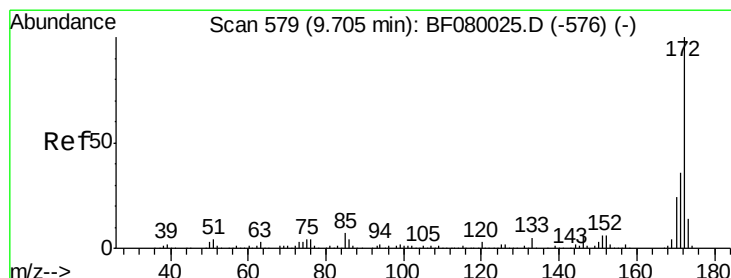
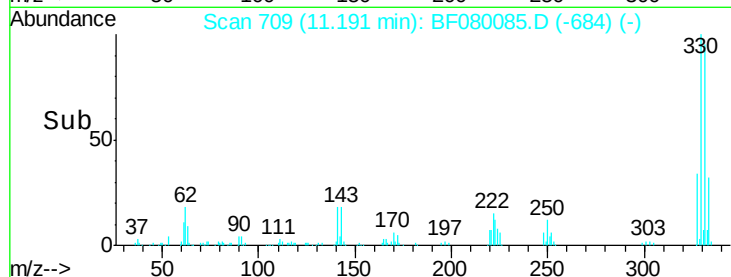
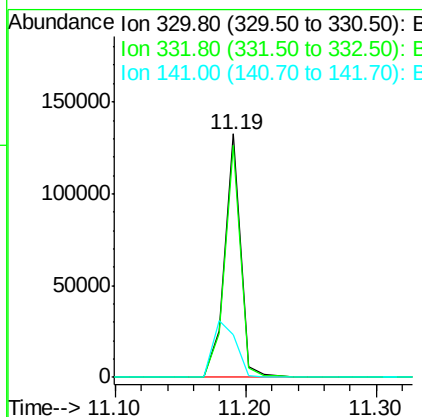
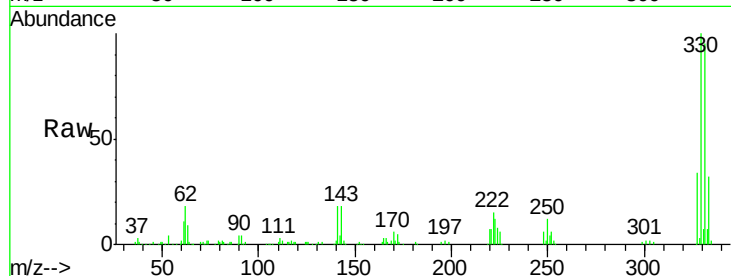
#41
 2,4,6-Tribromophenol
 Concen: 121.80 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	113981		
332	95.5	76.6	114.8	
141	34.1	29.7	44.5	

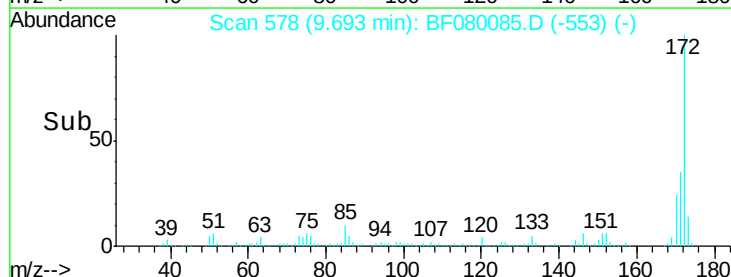
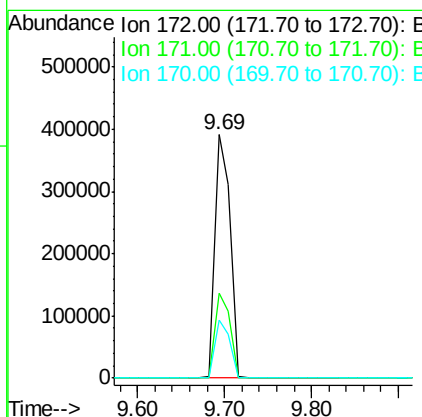
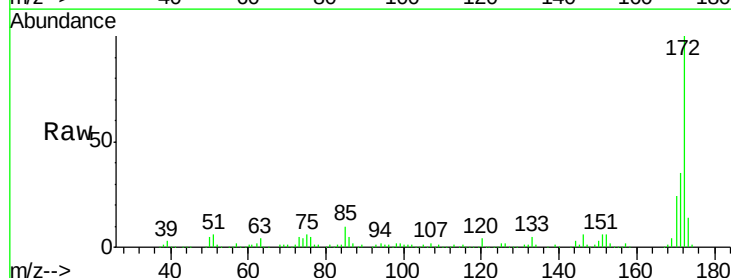
Manual Integrations
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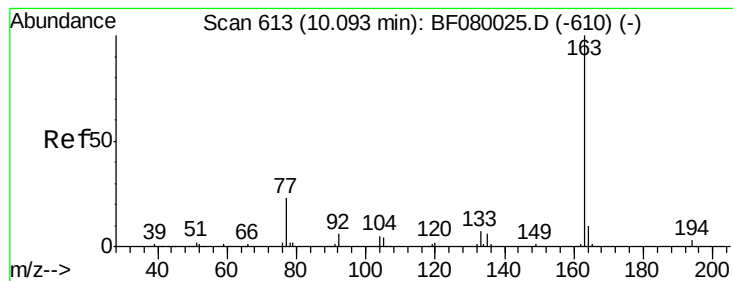
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#44
 2-Fluorobiphenyl
 Concen: 72.93 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	489415		
171	35.1	26.1	39.1	
170	23.6	17.4	26.2	





#49

Dimethylphthalate

Concen: 12.12 ng

RT: 10.08 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF080085.D

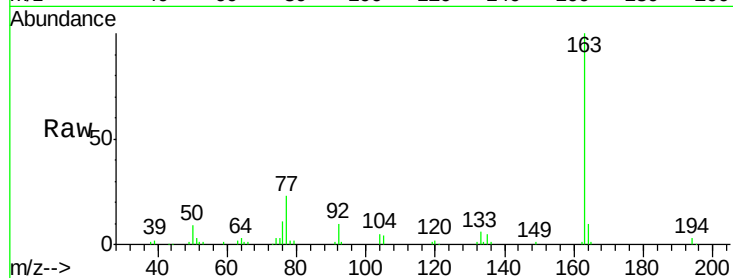
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Instrument :

BNA_F

ClientSampleId :

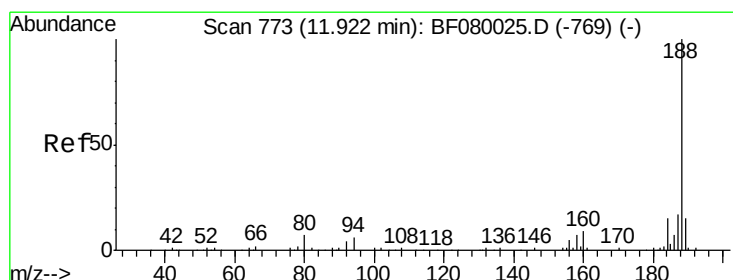
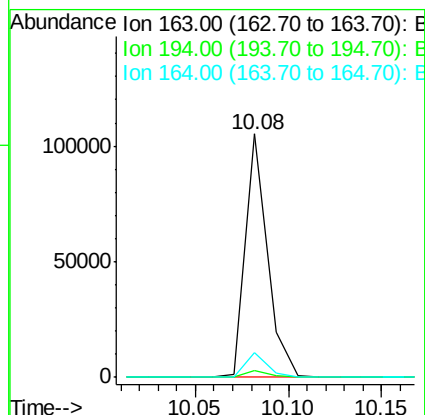
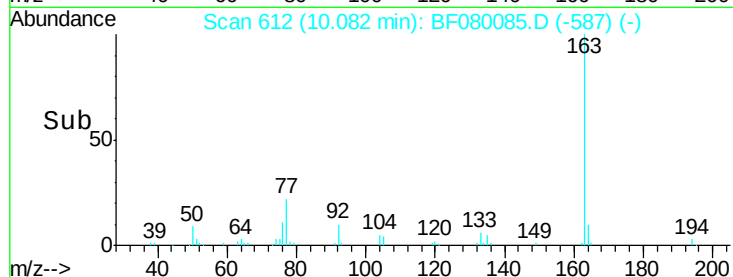
PE-3



Tgt Ion:	163	Resp:	87196
Ion Ratio	Lower	Upper	
163	100		
194	3.0	4.4	6.6#
164	10.2	8.3	12.5

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.00 ng

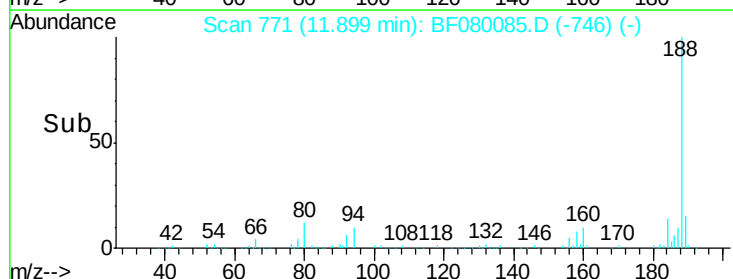
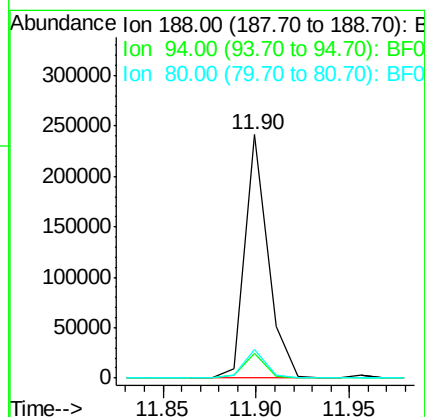
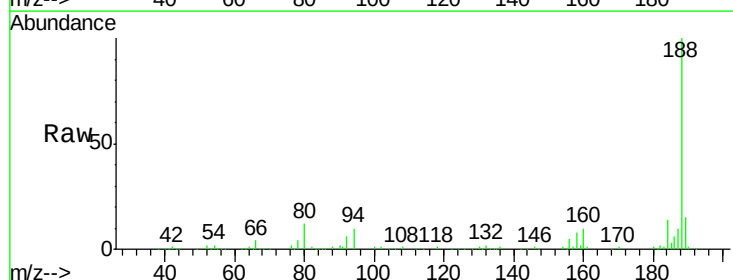
RT: 11.90 min Scan# 771

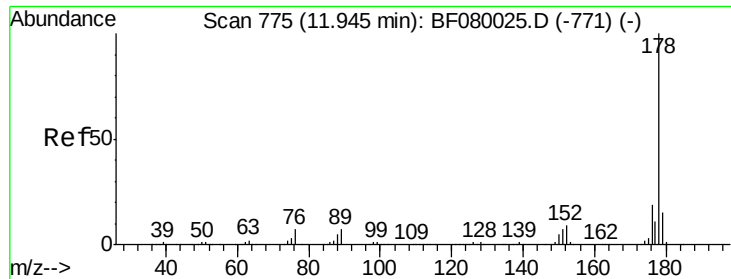
Delta R.T. -0.01 min

Lab File: BF080085.D

Acq: 20 Jun 2015 6:57

Tgt Ion:	188	Resp:	208487
Ion Ratio	Lower	Upper	
188	100		
94	10.4	11.1	16.7#
80	11.5	11.0	16.4





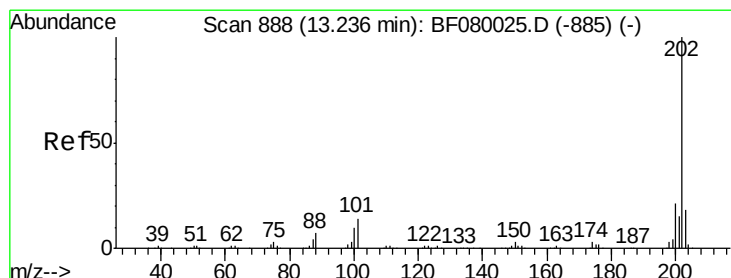
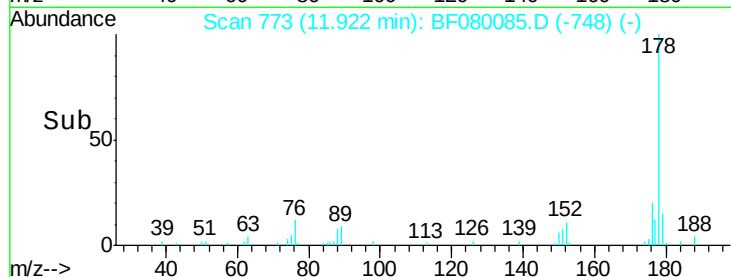
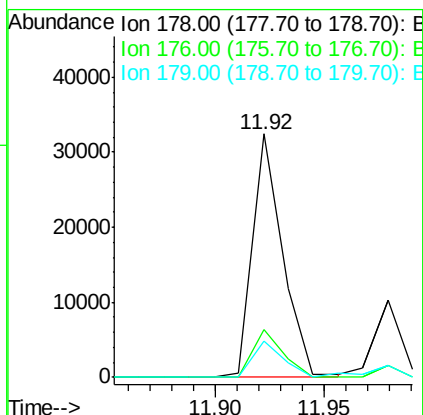
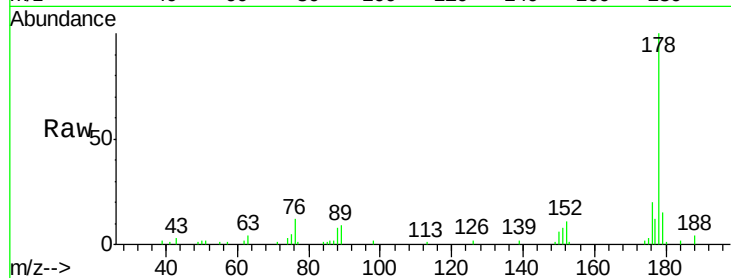
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Phenanthrene
Concen: 2.47 ng
RT: 11.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF080085.D
Acq: 20 Jun 2015 6:57

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.6	13.8	20.8
179	15.0	12.2	18.2

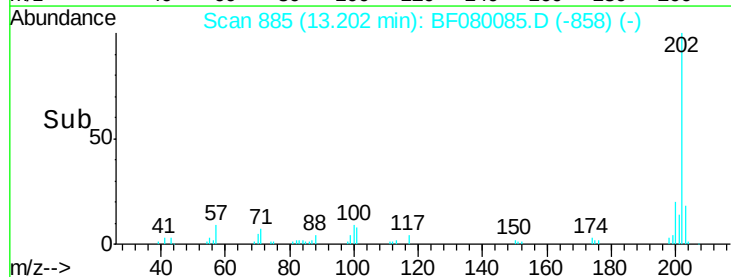
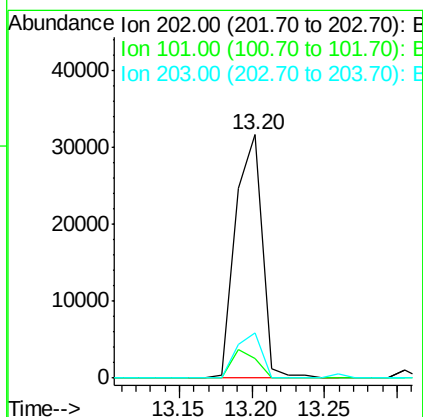
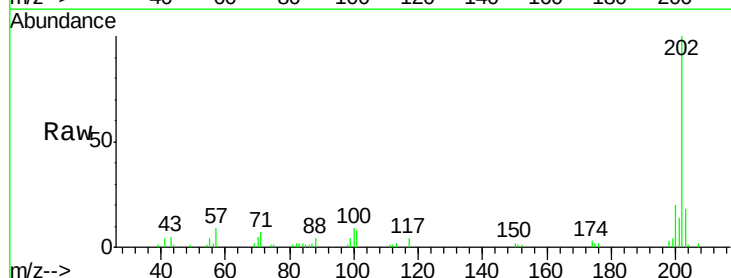
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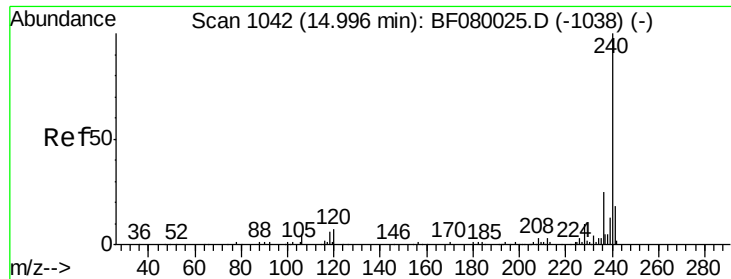
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#74
Fluoranthene
Concen: 2.99 ng
RT: 13.20 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF080085.D
Acq: 20 Jun 2015 6:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.1	0.0	38.3
203	18.4	0.0	37.3





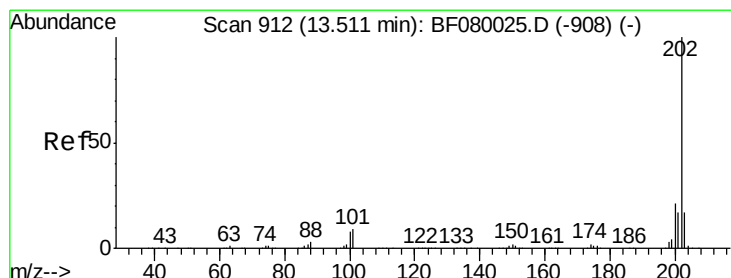
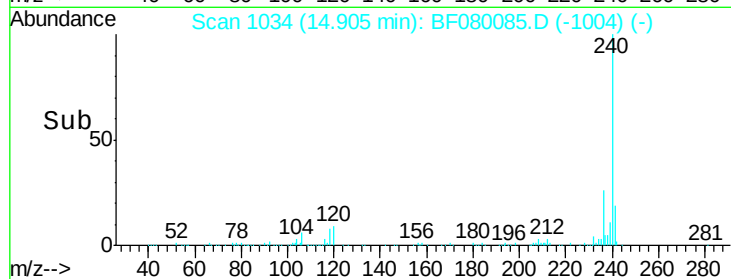
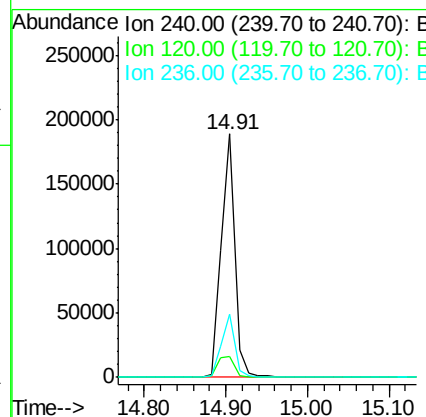
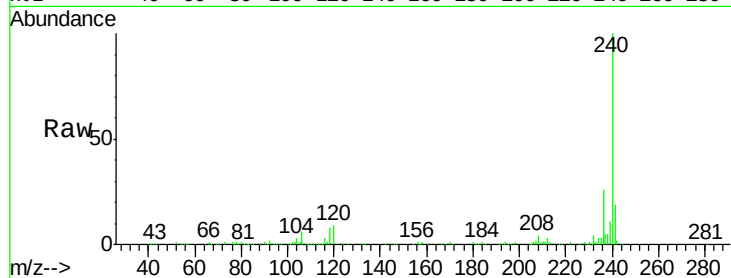
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1034
Delta R.T. 0.05 min
Lab File: BF080085.D
Acq: 20 Jun 2015 6:57

Instrument :
BNA_F
ClientSampled :
PE-3

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	219017		
120	8.8	16.2	24.2#	
236	25.7	18.4	27.6	

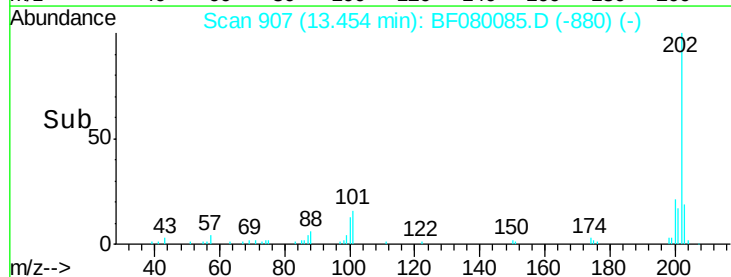
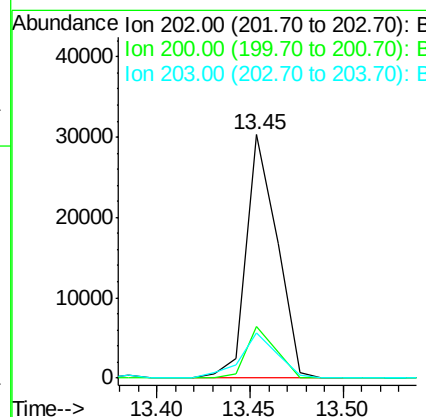
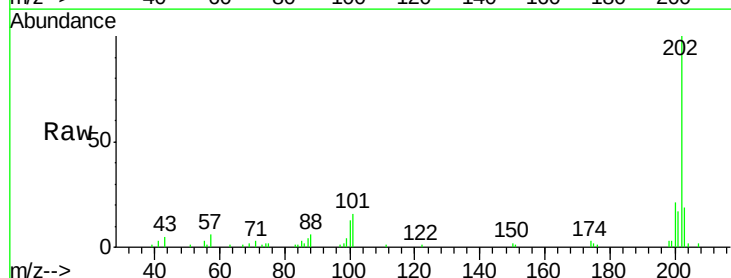
Manual Integrations
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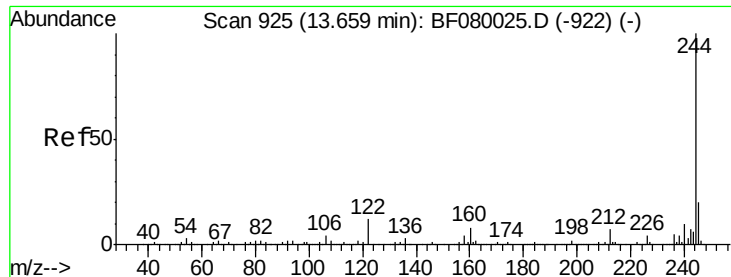
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#77
Pyrene
Concen: 2.58 ng
RT: 13.45 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF080085.D
Acq: 20 Jun 2015 6:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	34822		
200	21.2	15.0	22.4	
203	18.5	14.1	21.1	





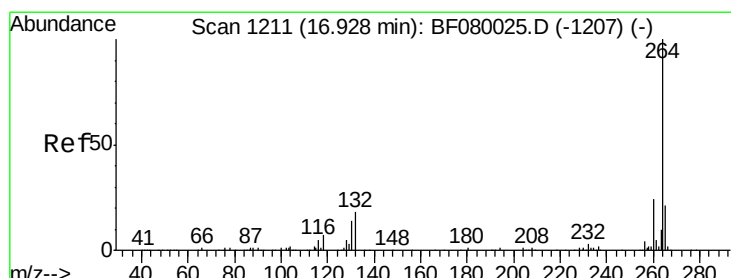
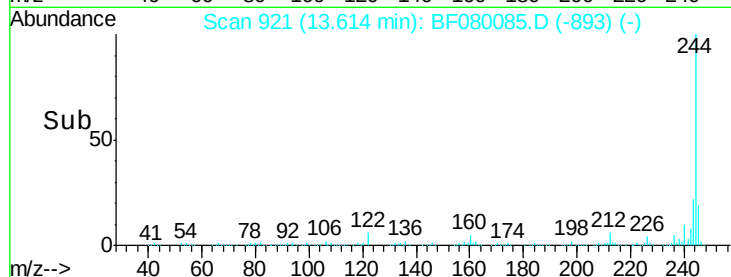
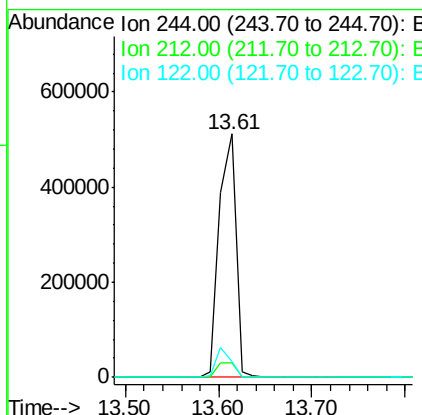
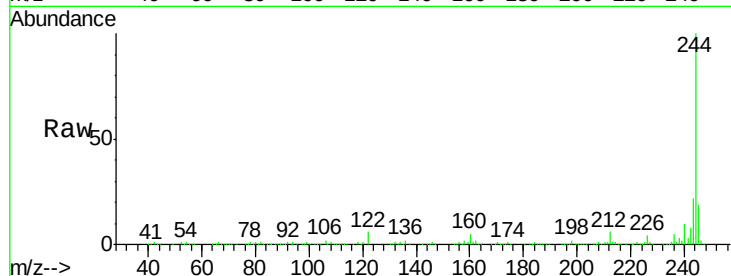
#78
 Terphenyl-d14
 Concen: 68.18 ng
 RT: 13.61 min Scan# 921
 Delta R.T. 0.02 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.0	4.3	6.5
122	6.4	17.4	26.2#

Manual Integrations
 APPROVED

apatel
 6/22/2015 2:44:04 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1201
 Delta R.T. 0.07 min
 Lab File: BF080085.D
 Acq: 20 Jun 2015 6:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.9	16.7	25.1
265	20.6	17.2	25.8

