

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080088.D
 Acq On : 20 Jun 2015 8:23
 Operator : TP/IZ
 Sample : G2699-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9819

Manual Integrations
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Quant Time: Jun 22 01:22:00 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	44028	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	185714	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	94187	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	190729	20.00	ng	-0.01
75) Chrysene-d12	14.75	240	211550	20.00	ng	-0.11
86) Perylene-d12	16.57	264	210091	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	287328	115.52	ng	0.00
7) Phenol-d6	6.93	99	353037	106.67	ng	-0.01
23) Nitrobenzene-d5	7.89	82	222241	69.67	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	96105	104.35	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	397982	60.26	ng	-0.01
78) Terphenyl-d14	13.53	244	501191	55.33	ng	-0.06
Target Compounds						
49) Dimethylphthalate	10.08	163	107792	15.22	ng	Qvalue # 97
74) Fluoranthene	13.14	202	34271	2.79	ng	93
77) Pyrene	13.40	202	34449	2.64	ng	96
87) Benzo(b)fluoranthene	16.04	252	41389m	3.25	ng	
89) Benzo(a)pyrene	16.49	252	30531	2.53	ng	# 86

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

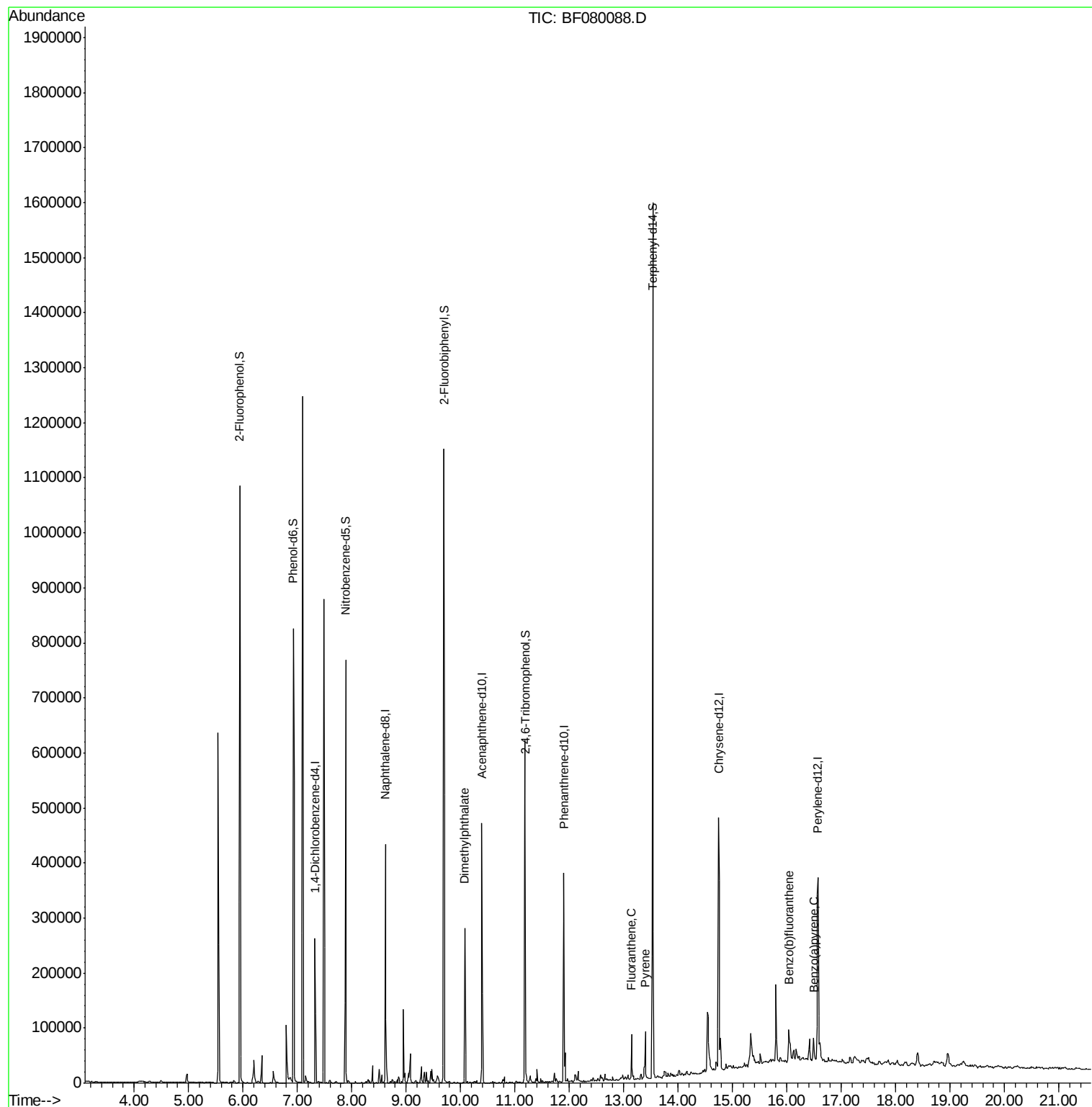
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080088.D
Acq On : 20 Jun 2015 8:23
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#1

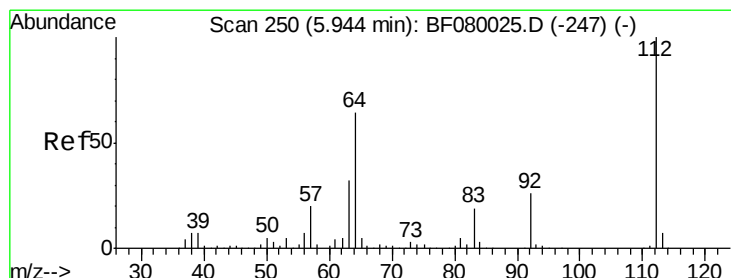
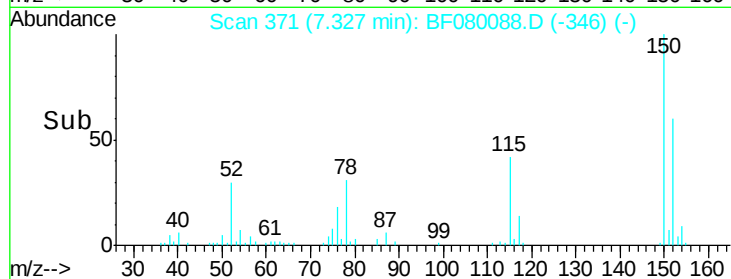
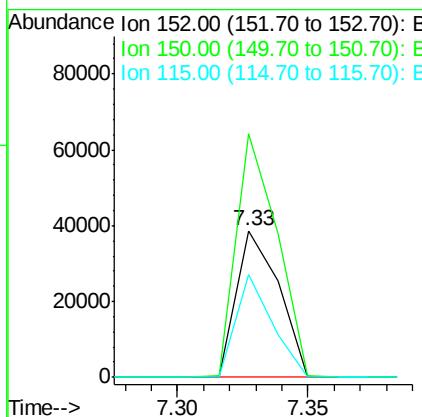
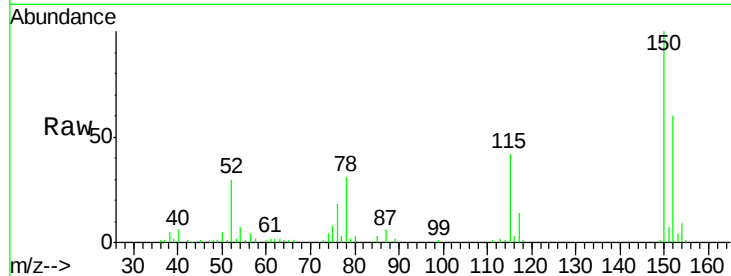
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion	Ratio	Lower	Upper
152	100		
150	166.3	124.7	187.1
115	69.9	39.0	58.4

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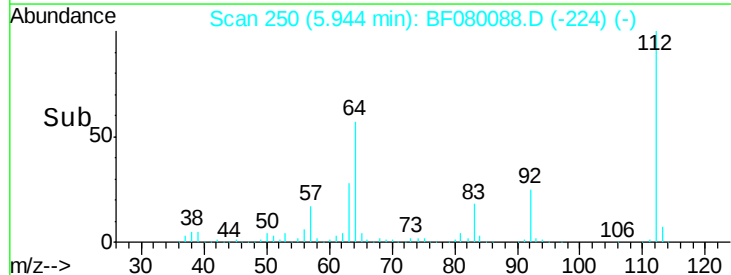
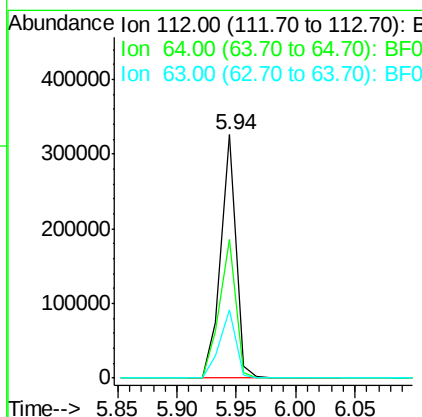
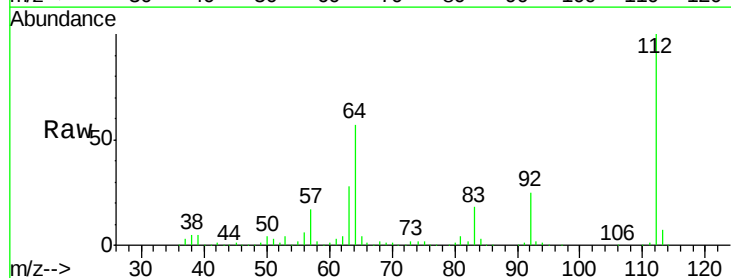
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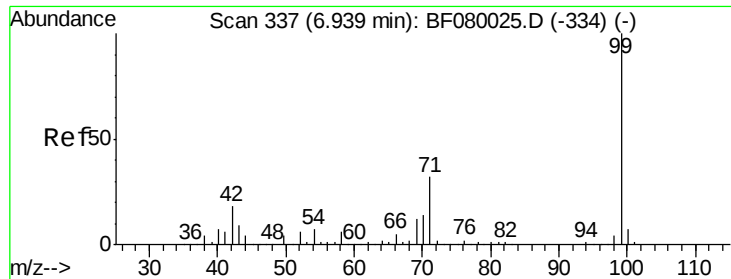


#5

2-Fluorophenol
Concen: 115.52 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	39.7	59.5
63	28.3	17.4	26.0





#7

Phenol-d6

Concen: 106.67 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080088.D

Acq: 20 Jun 2015 8:23

Instrument :

BNA_F

ClientSampleId :

LAR9819

Tgt Ion: 99 Resp: 353037

Ion Ratio Lower Upper

99 100

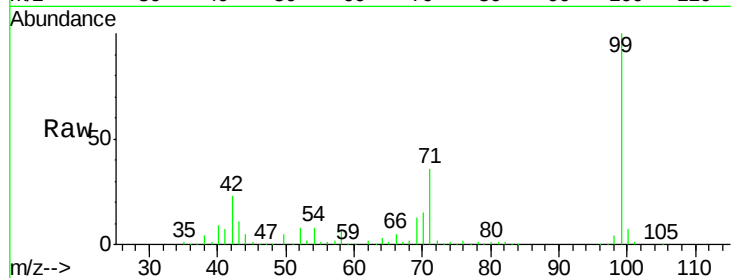
42 22.5 13.7 20.5#

71 35.7 14.2 21.2#

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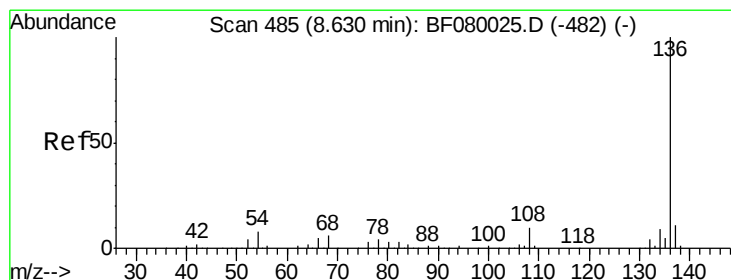
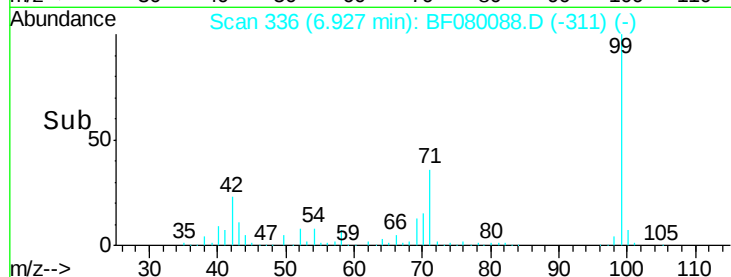
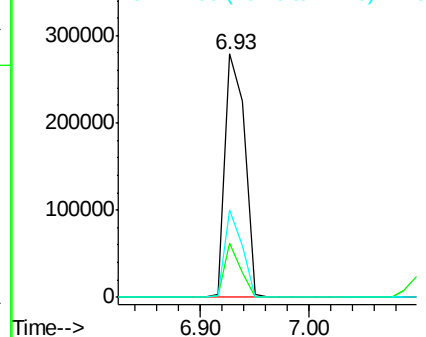
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF080088.D

Acq: 20 Jun 2015 8:23

Tgt Ion: 136 Resp: 185714

Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 10.0 8.2 12.2

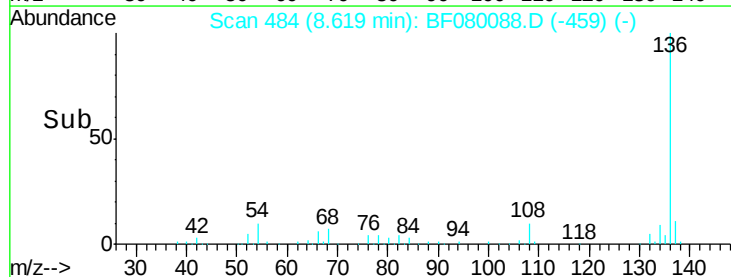
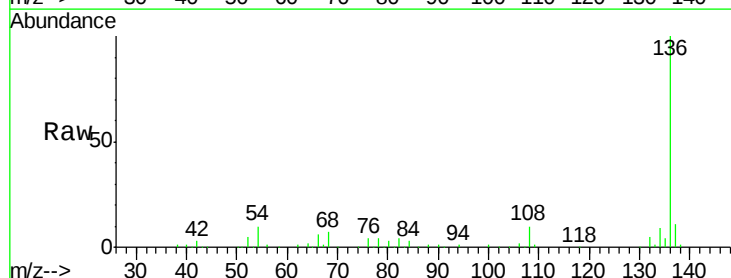
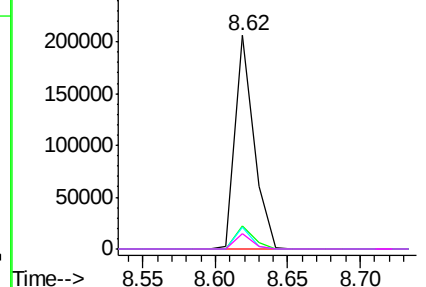
68 7.4 5.8 8.6

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





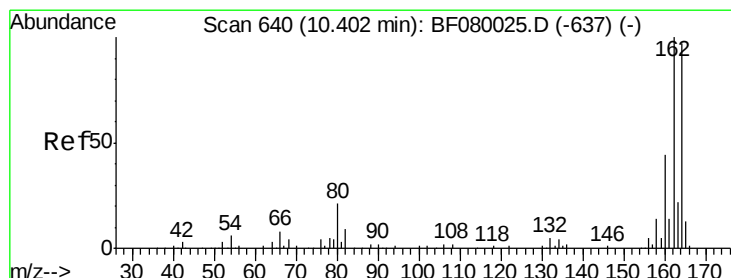
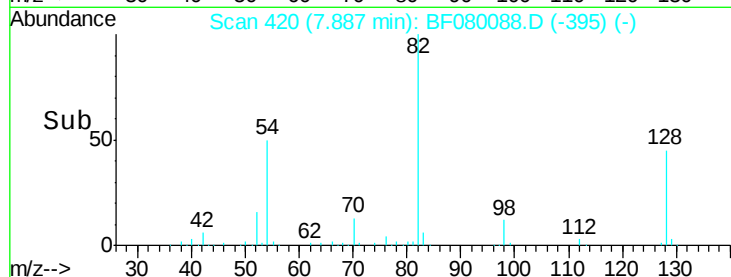
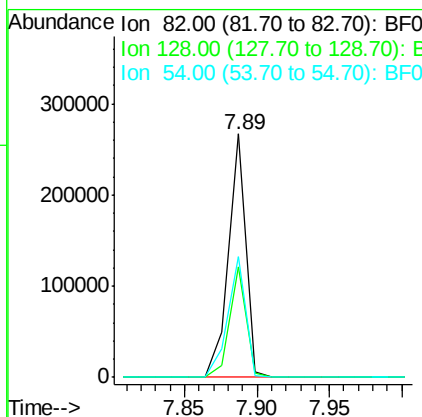
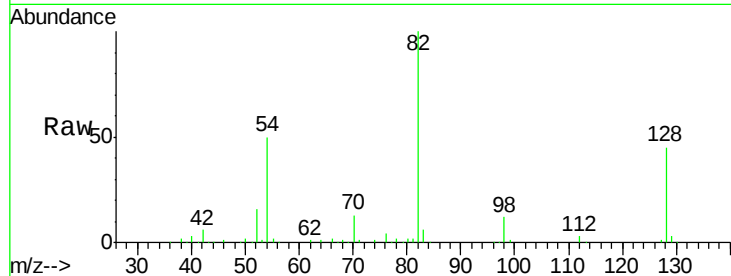
#23
 Nitrobenzene-d5
 Concen: 69.67 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080088.D
 Acq: 20 Jun 2015 8:23

Instrument :
 BNA_F
 ClientSampleId :
 LAR9819

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	222241		
128	45.2	51.0	76.6#	
54	49.7	47.5	71.3	

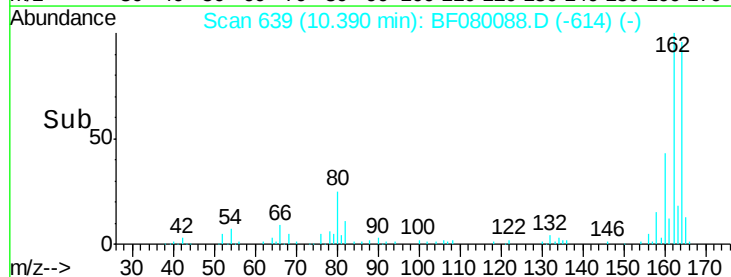
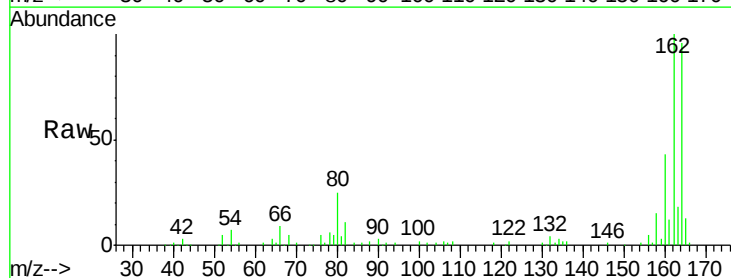
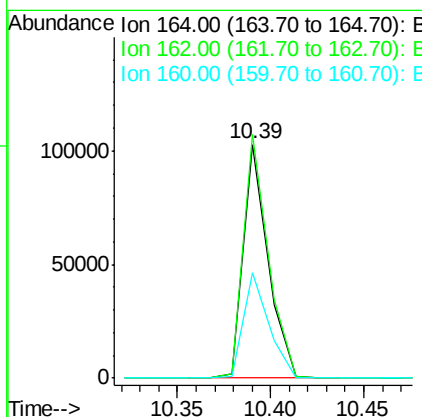
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080088.D
 Acq: 20 Jun 2015 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	94187		
162	104.1	75.2	112.8	
160	45.1	31.5	47.3	





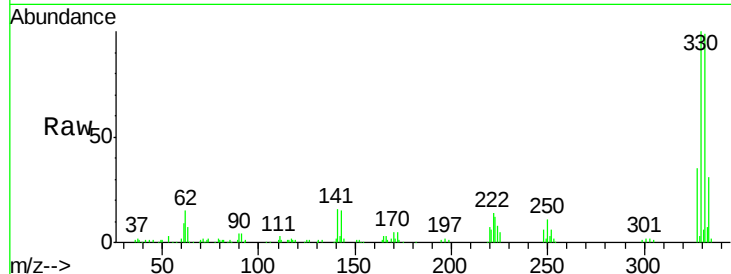
#41
 2,4,6-Tribromophenol
 Concen: 104.35 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080088.D
 Acq: 20 Jun 2015 8:23

Instrument :
 BNA_F
 ClientSampled :
 LAR9819

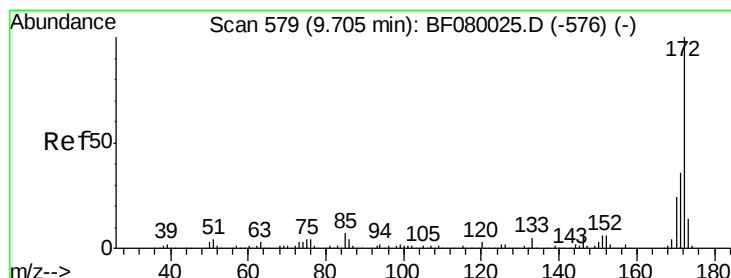
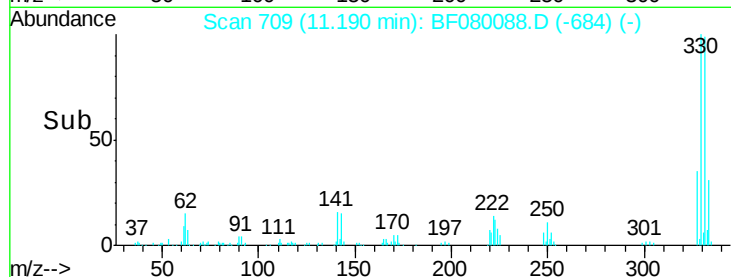
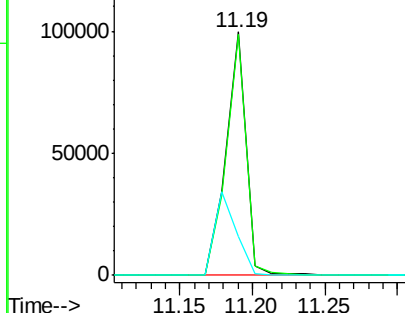
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	96105		
332	98.0	76.6	114.8	
141	36.9	29.7	44.5	

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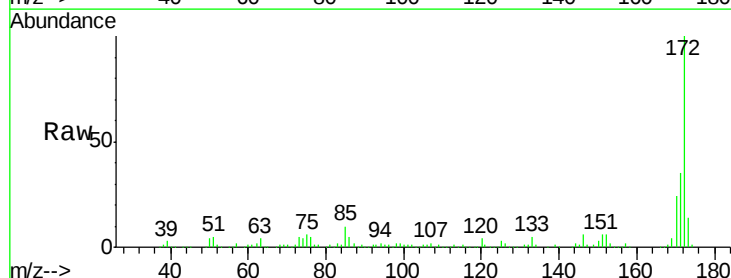


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

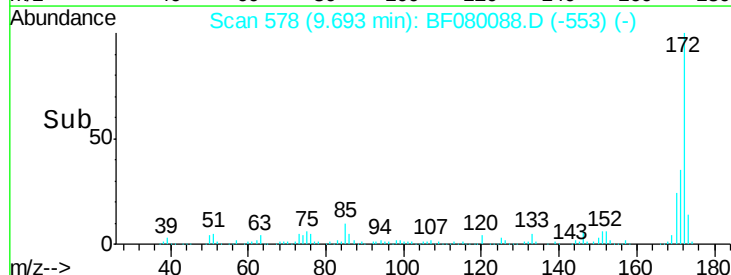
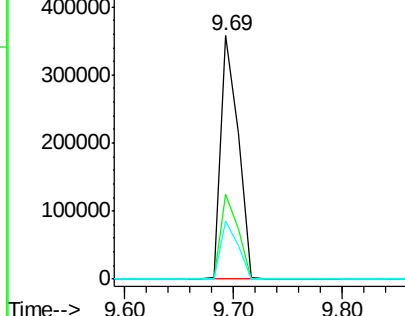


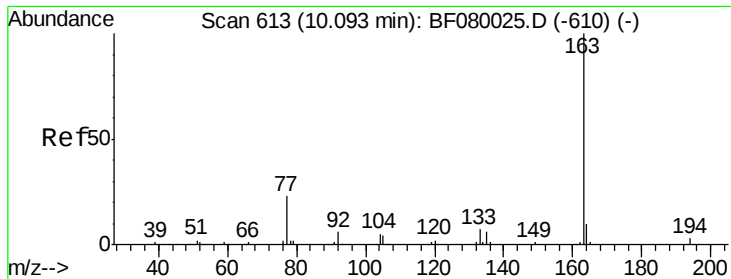
#44
 2-Fluorobiphenyl
 Concen: 60.26 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080088.D
 Acq: 20 Jun 2015 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	397982		
171	35.1	26.1	39.1	
170	23.6	17.4	26.2	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





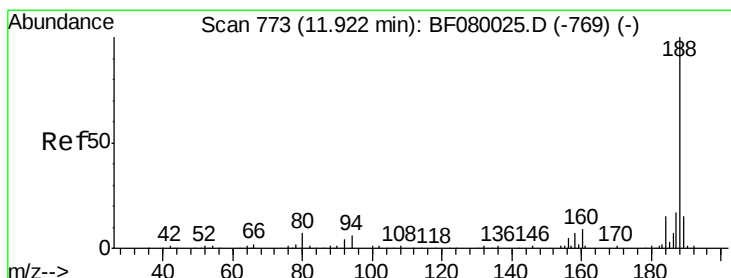
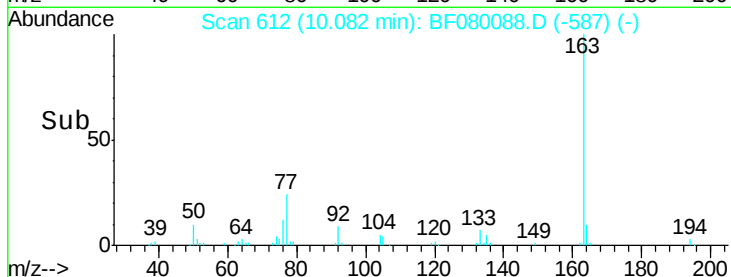
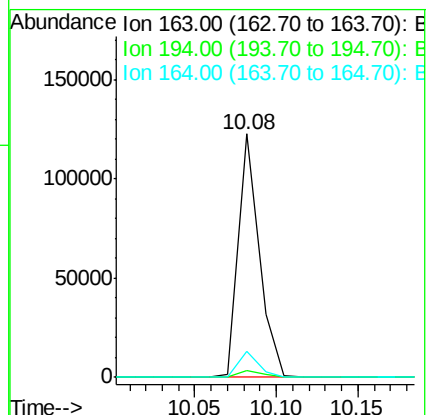
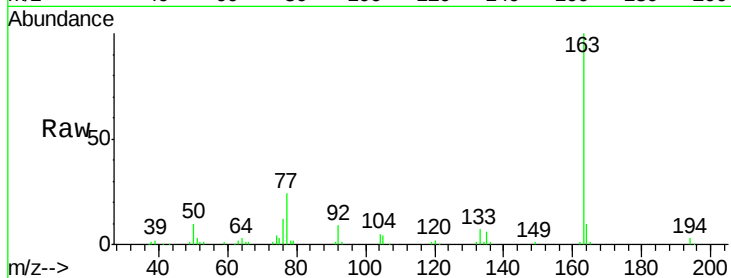
#49
Dimethylphthalate
Concen: 15.22 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	4.4	6.6#
164	10.5	8.3	12.5

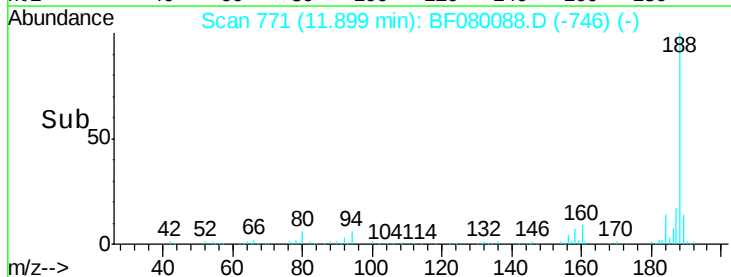
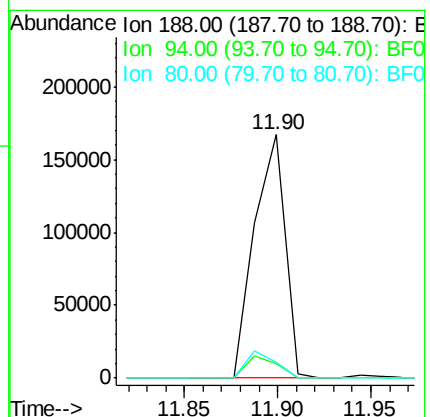
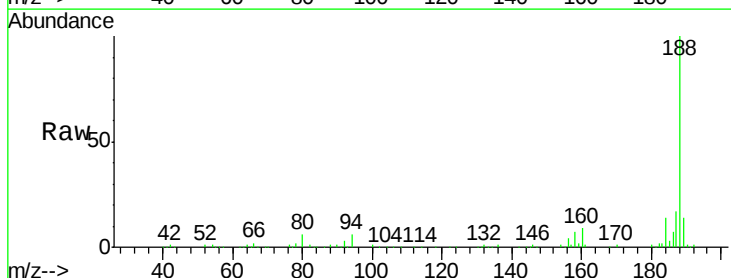
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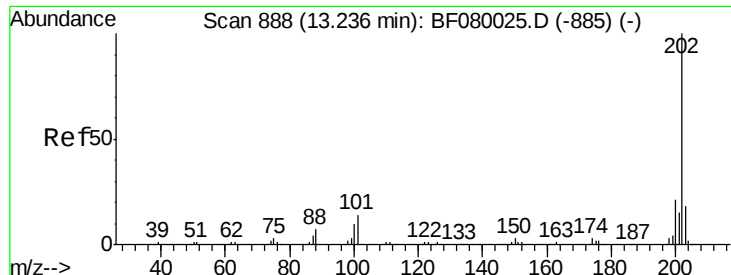
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.9	11.1	16.7#
80	6.4	11.0	16.4#





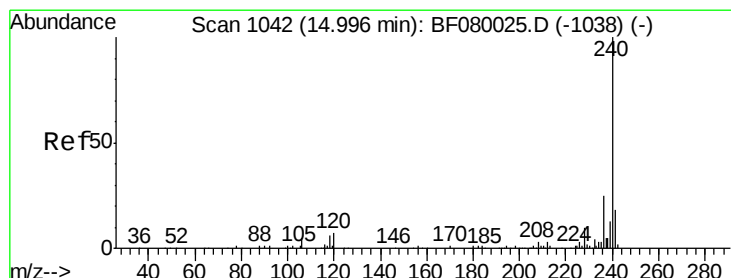
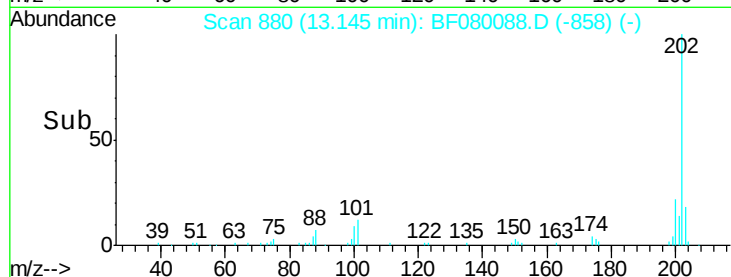
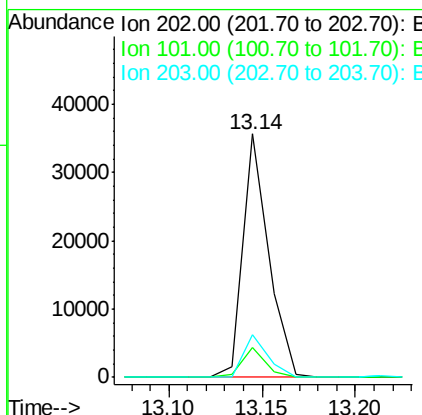
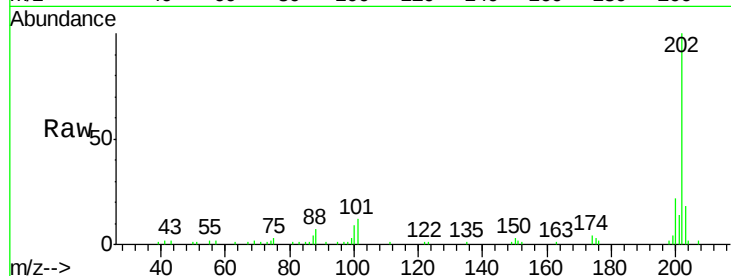
#74
 Fluoranthene
 Concen: 2.79 ng
 RT: 13.14 min Scan# 880
 Delta R.T. -0.05 min
 Lab File: BF080088.D
 Acq: 20 Jun 2015 8:23

Instrument :
 BNA_F
 ClientSampleId :
 LAR9819

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	0.0	38.3
203	17.8	0.0	37.3

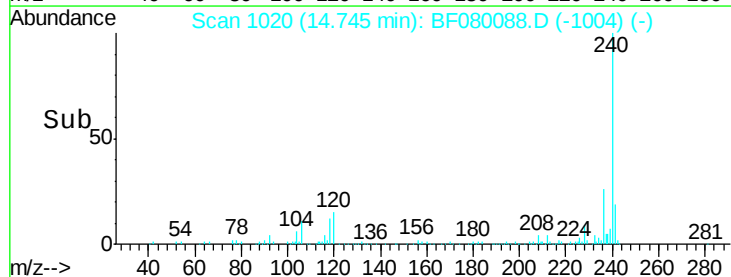
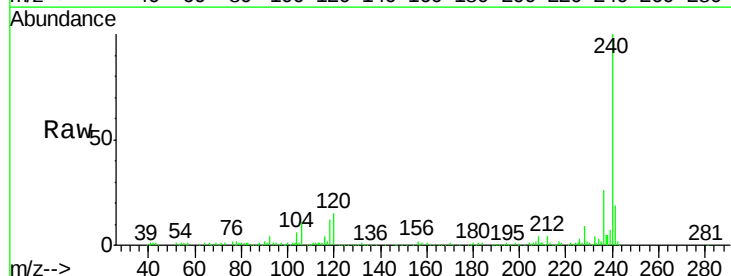
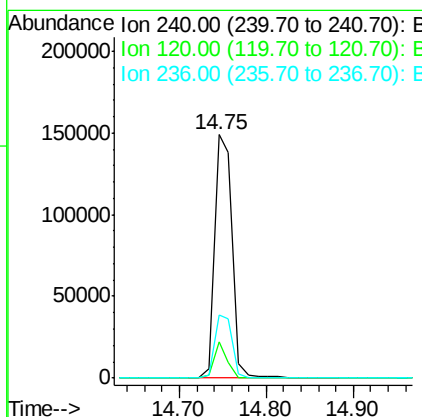
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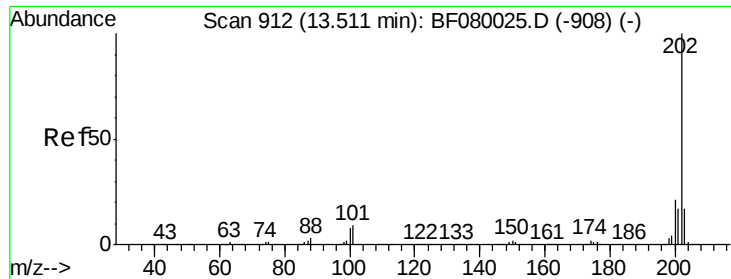
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1020
 Delta R.T. -0.11 min
 Lab File: BF080088.D
 Acq: 20 Jun 2015 8:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.9	16.2	24.2#
236	26.0	18.4	27.6





#77

Pyrene

Concen: 2.64 ng

RT: 13.40 min Scan# 902

Delta R.T. -0.05 min

Lab File: BF080088.D

Acq: 20 Jun 2015 8:23

Instrument :

BNA_F

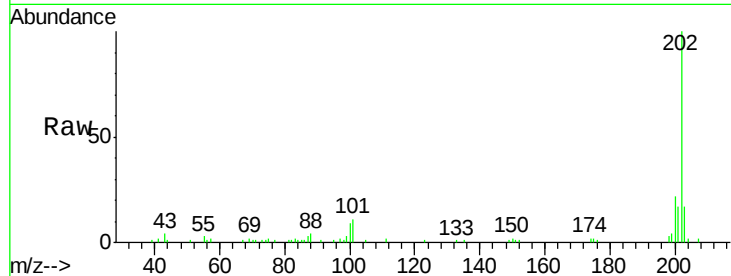
ClientSampleId :

LAR9819

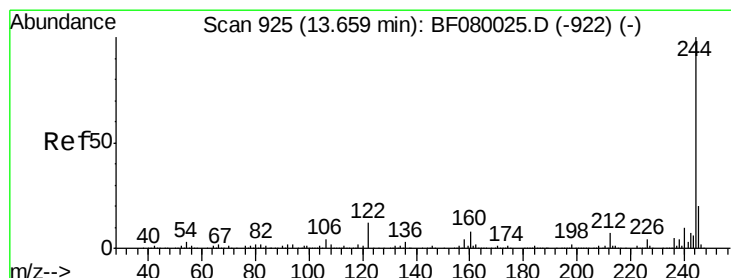
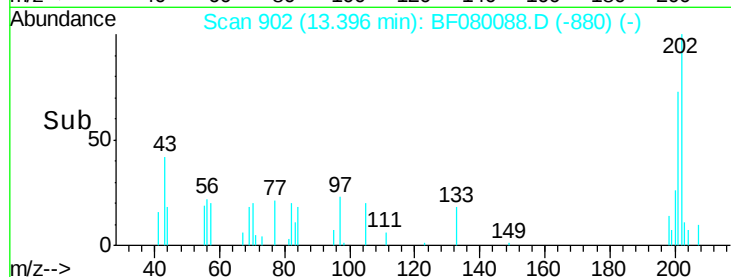
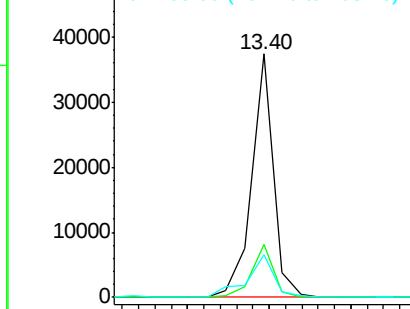
Tgt Ion:	202	Resp:	34449
Ion Ratio	Lower	Upper	
202	100		
200	22.0	15.0	22.4
203	17.4	14.1	21.1

Manual Integrations
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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: 55.33 ng

RT: 13.53 min Scan# 914

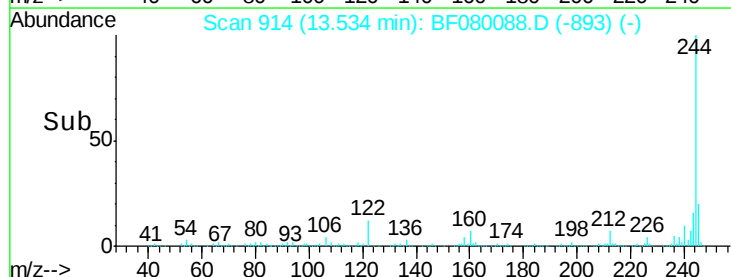
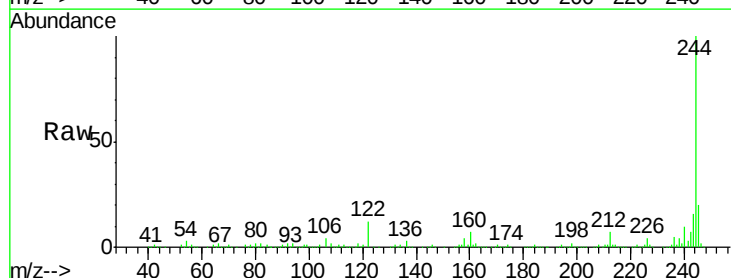
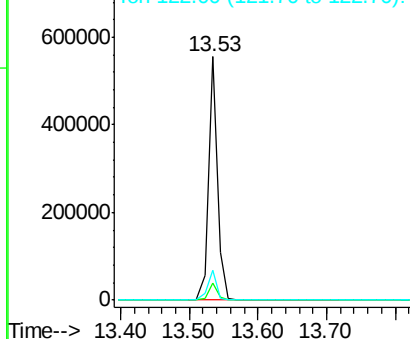
Delta R.T. -0.06 min

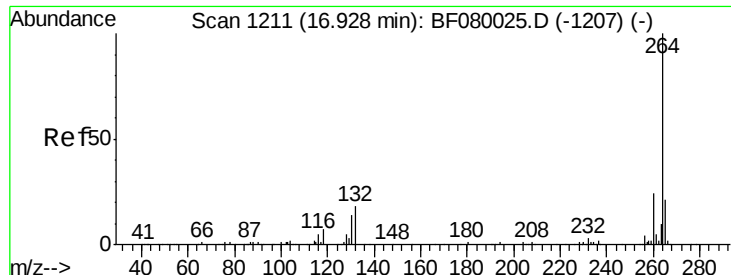
Lab File: BF080088.D

Acq: 20 Jun 2015 8:23

Tgt Ion:	244	Resp:	501191
Ion Ratio	Lower	Upper	
244	100		
212	7.2	4.3	6.5#
122	12.1	17.4	26.2#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





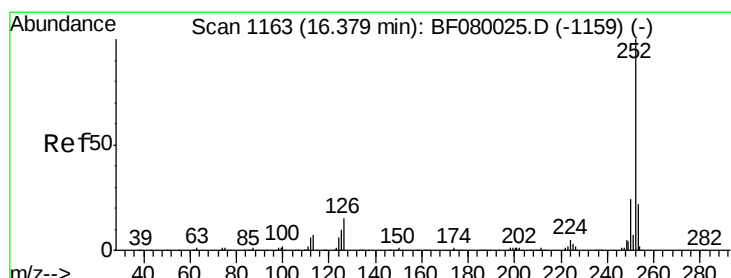
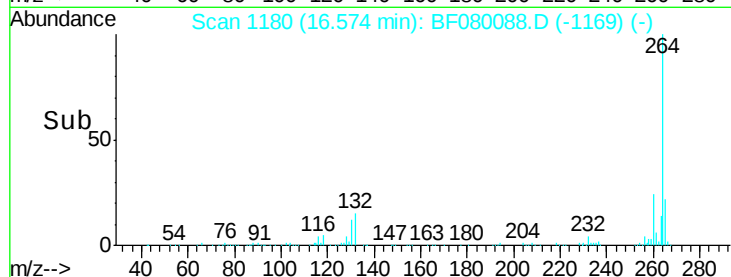
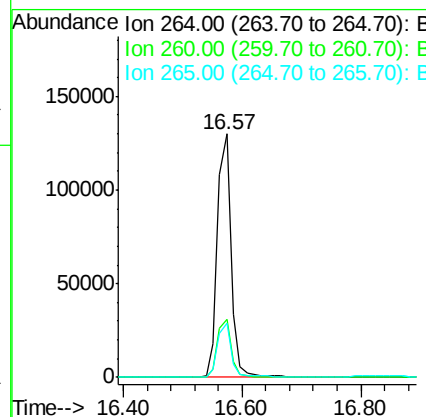
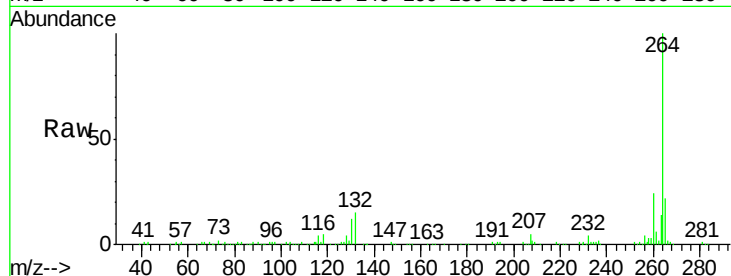
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.57 min Scan# 1180
Delta R.T. -0.17 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	210091		
260	23.6	16.7	25.1	
265	22.0	17.2	25.8	

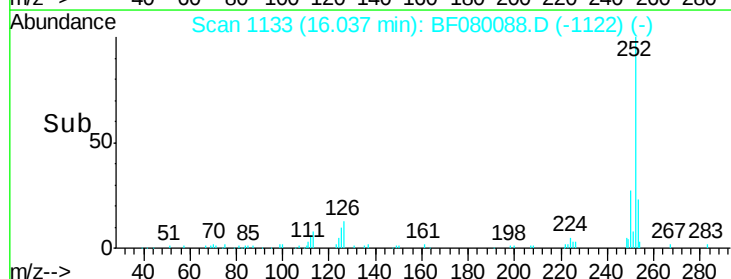
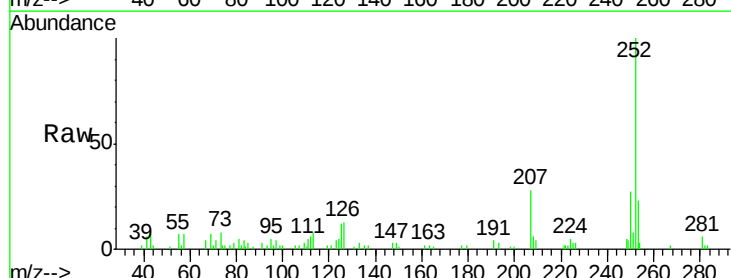
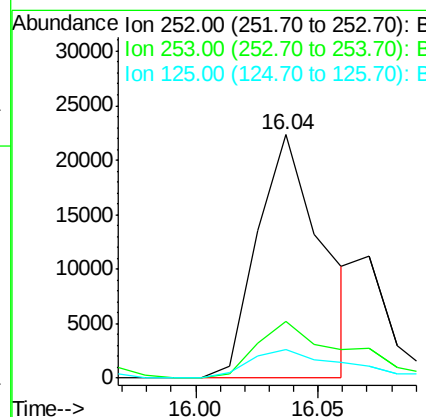
Manual Integrations
APPROVED

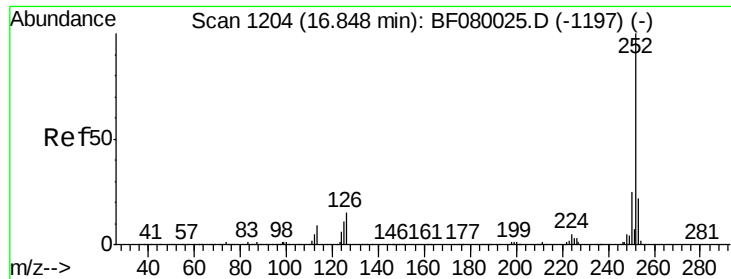
apatel
6/22/2015 2:44:07 PM



#87
Benzo(b)fluoranthene
Concen: 3.25 ng m
RT: 16.04 min Scan# 1133
Delta R.T. -0.17 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	41389		
253	23.4	17.5	26.3	
125	11.8	17.1	25.7#	





#89
Benzo(a)pyrene
Concen: 2.53 ng
RT: 16.49 min Scan# 1173
Delta R.T. -0.17 min
Lab File: BF080088.D
Acq: 20 Jun 2015 8:23

Instrument :
BNA_F
ClientSampleId :
LAR9819

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	10.3	18.0	27.0

Manual Integrations
APPROVED

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6/22/2015 2:44:07 PM

