

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081537.D
 Acq On : 8 Sep 2015 22:57
 Operator : UM/IZ
 Sample : G3490-01RE 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 28TP22(4.5-5)RE

Manual Integrations
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 9/9/2015 2:59:25 PM

Quant Time: Sep 09 07:20:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 15:49:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	53144	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	204680	20.00	ng	-0.01
38) Acenaphthene-d10	9.37	164	84965	20.00	ng	-0.01
63) Phenanthrene-d10	10.83	188	139013m	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	105901	20.00	ng	0.00
86) Perylene-d12	14.77	264	98645	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	84325	24.62	ng	0.00
7) Phenol-d6	6.01	99	117225	25.85	ng	-0.01
23) Nitrobenzene-d5	6.92	82	71298	16.81	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	17331	22.91	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	113462	17.11	ng	0.00
78) Terphenyl-d14	12.42	244	64870	14.26	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.12	163	16866	2.55	ng	# 97
70) Phenanthrene	10.86	178	32571m	4.21	ng	
74) Fluoranthene	12.03	202	98937	11.83	ng	89
77) Pyrene	12.26	202	91512	11.67	ng	98
79) Butylbenzylphthalate	12.91	149	14709	4.31	ng	# 83
80) Benzo(a)anthracene	13.44	228	33560m	4.98	ng	
82) Chrysene	13.47	228	27180m	4.50	ng	
83) Bis(2-ethylhexyl)phthalate	13.49	149	89703	19.92	ng	# 94
87) Benzo(b)fluoranthene	14.43	252	27189m	3.86	ng	
89) Benzo(a)pyrene	14.71	252	18152	3.04	ng	# 85

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

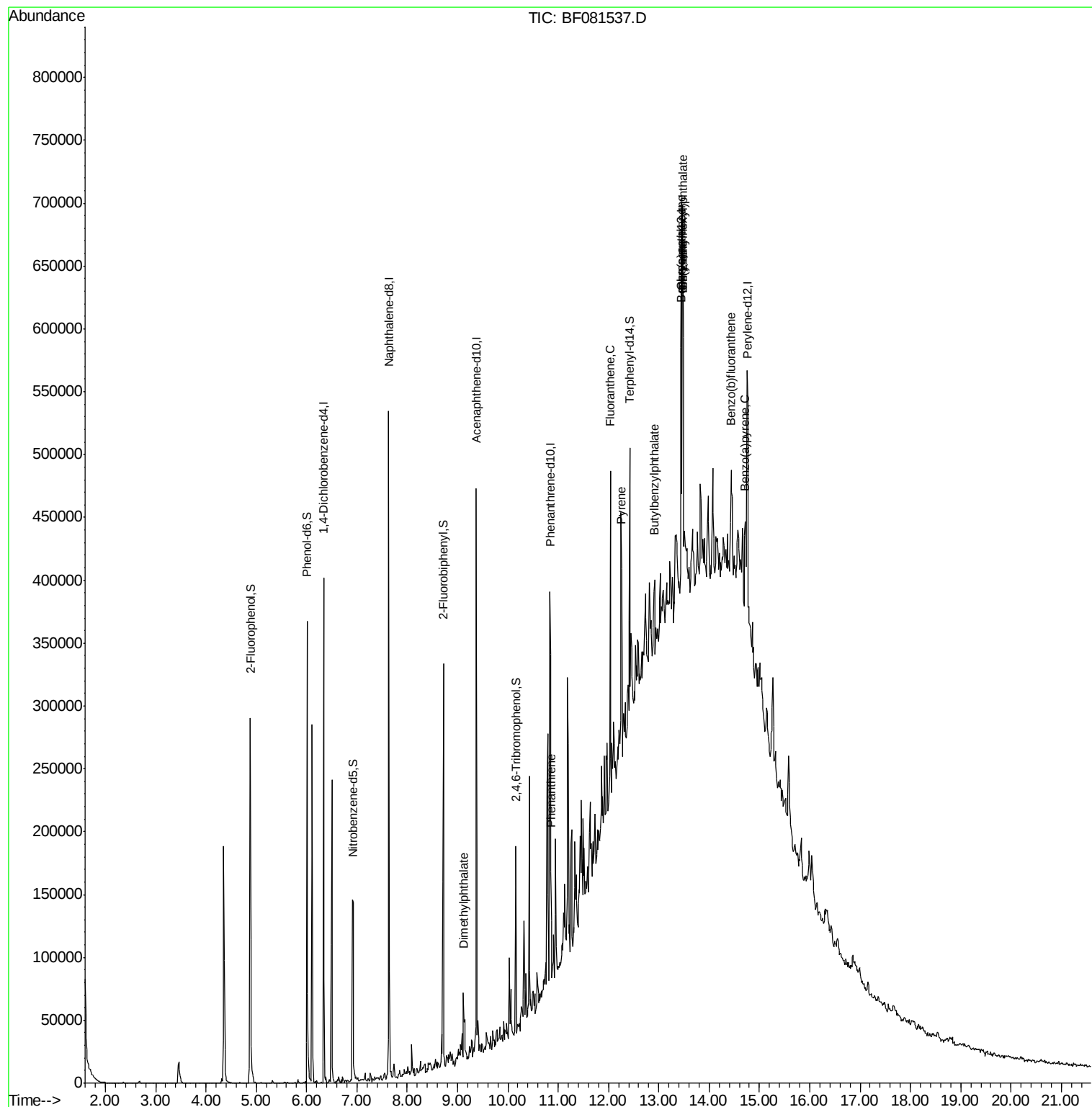
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
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28TP22(4.5-5)RE

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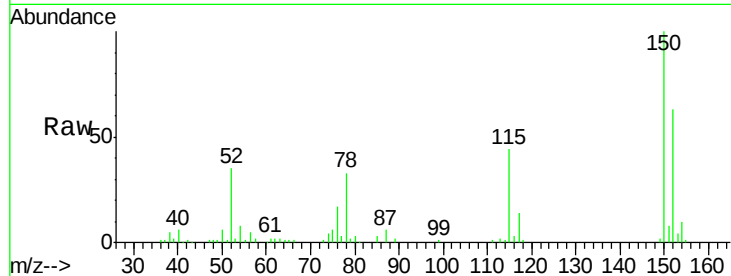




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF081537.D
Acq: 8 Sep 2015 22:57

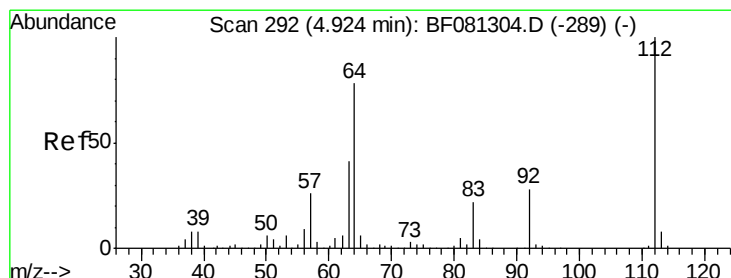
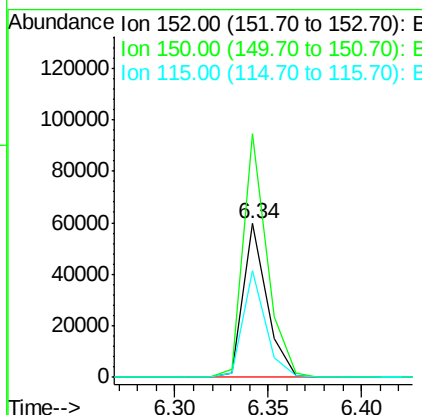
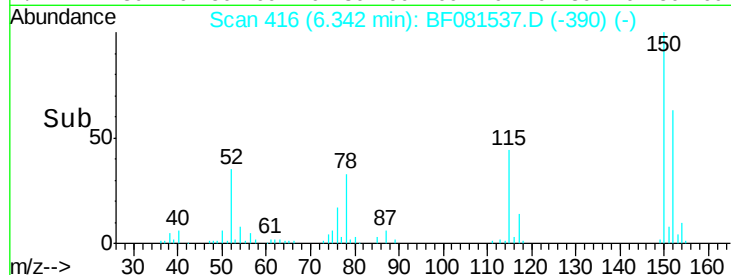
Instrument :
BNA_F
ClientSampleId :
28TP22(4.5-5)RE



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.7	187.1
115	69.3	39.0	58.4#

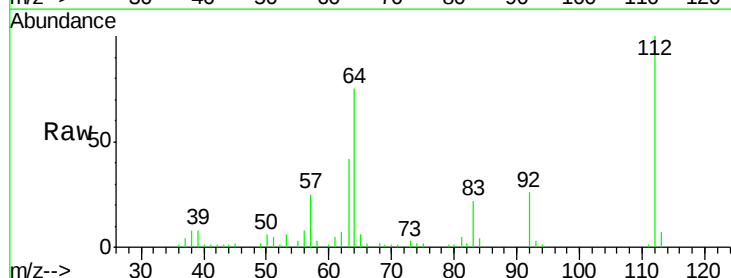
Manual Integrations
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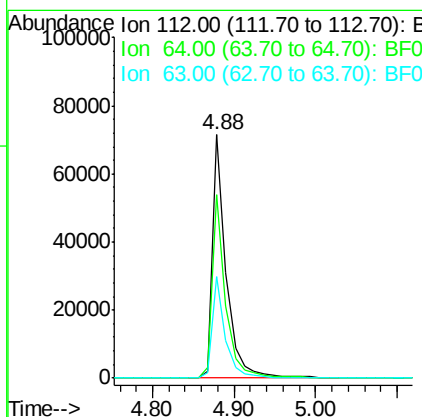
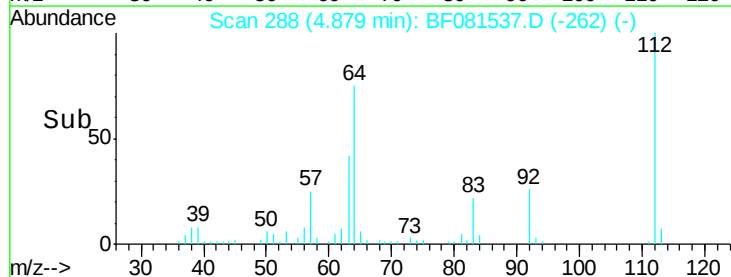


#5

2-Fluorophenol
Concen: 24.62 ng
RT: 4.88 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF081537.D
Acq: 8 Sep 2015 22:57



Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.3	39.7	59.5#
63	41.5	17.4	26.0#





#7

Phenol-d6

Concen: 25.85 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081537.D

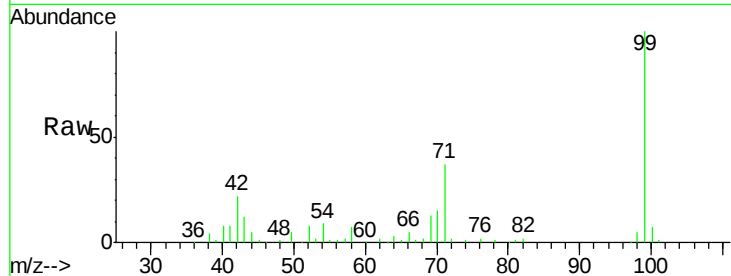
Acq: 8 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)RE



Tgt Ion: 99 Resp: 117225

Ion Ratio Lower Upper

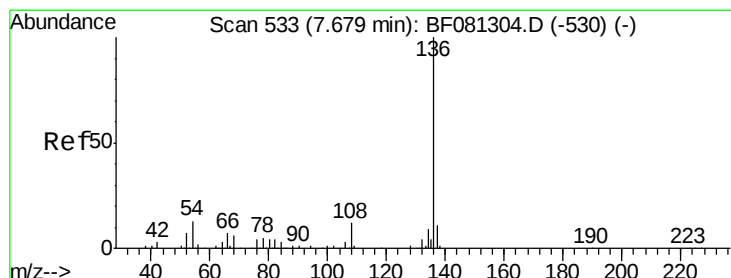
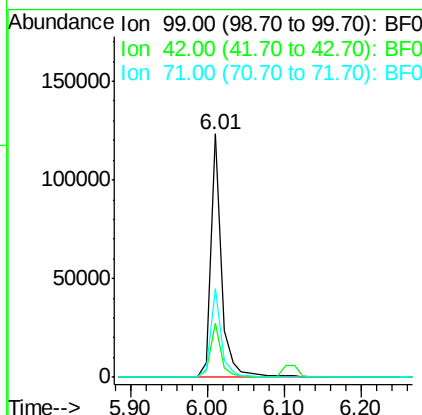
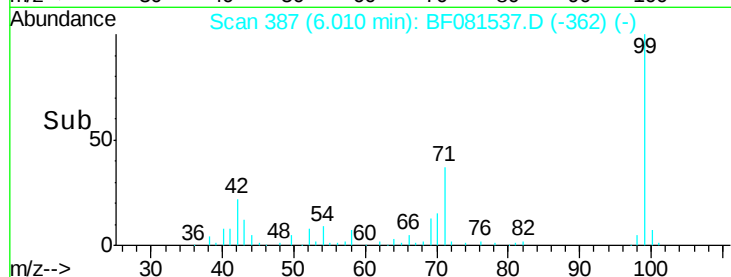
99 100

42 22.1 13.7 20.5#

71 36.7 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081537.D

Acq: 8 Sep 2015 22:57

Tgt Ion: 136 Resp: 204680

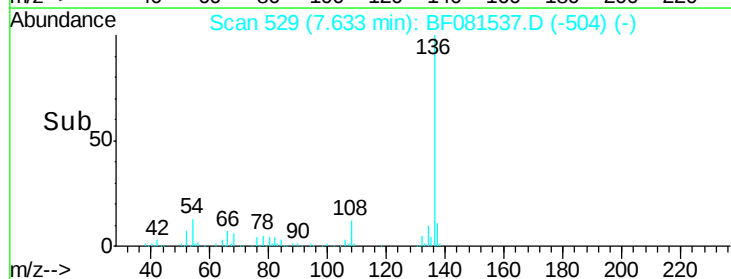
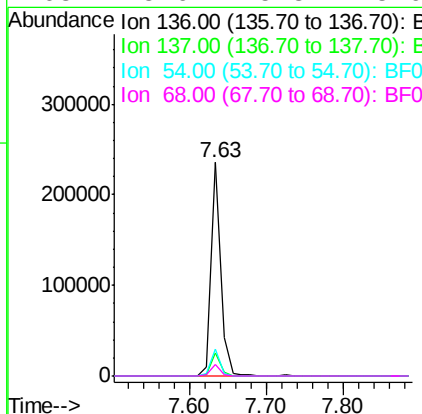
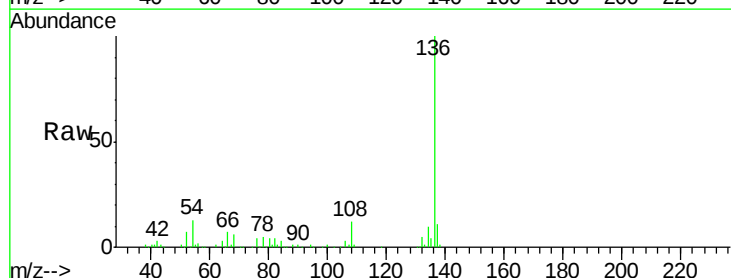
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 12.9 8.2 12.2#

68 5.6 5.8 8.6#





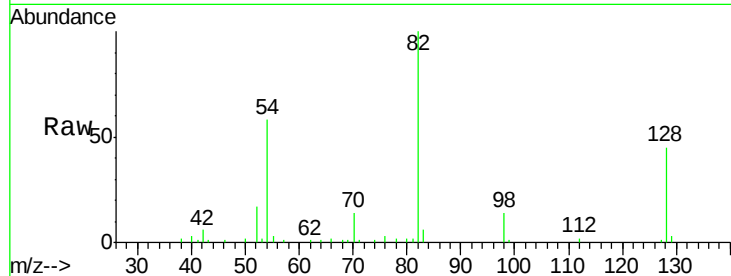
#23
 Nitrobenzene-d5
 Concen: 16.81 ng
 RT: 6.92 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF081537.D
 Acq: 8 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 28TP22(4.5-5)RE

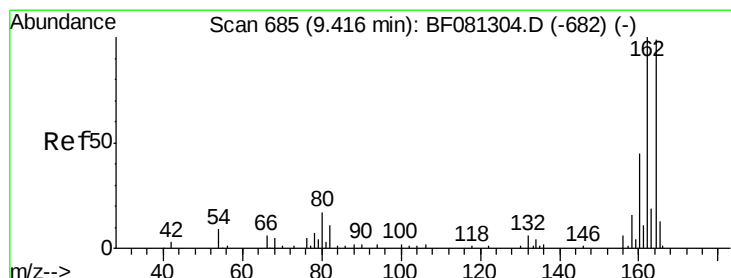
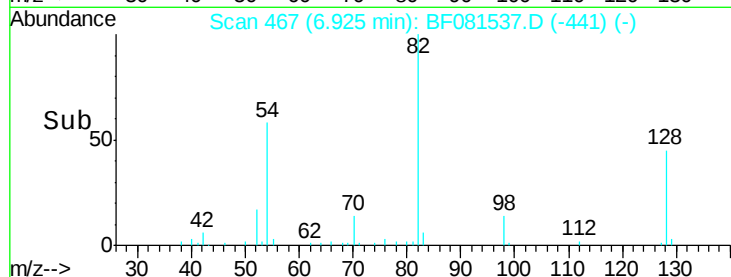
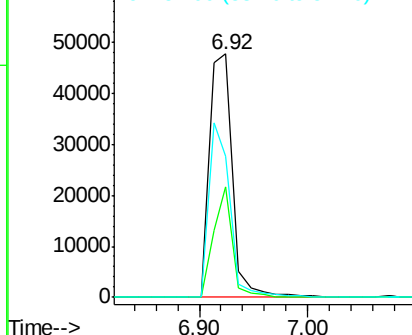
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	51.0	76.6#
54	58.2	47.5	71.3

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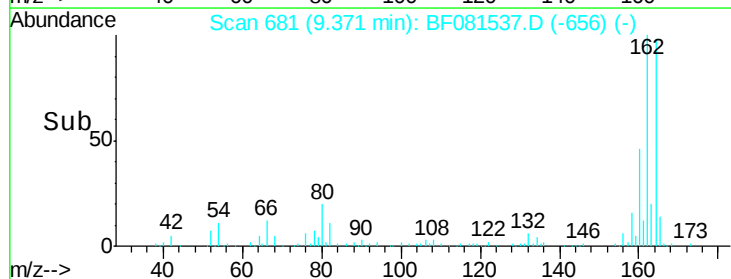
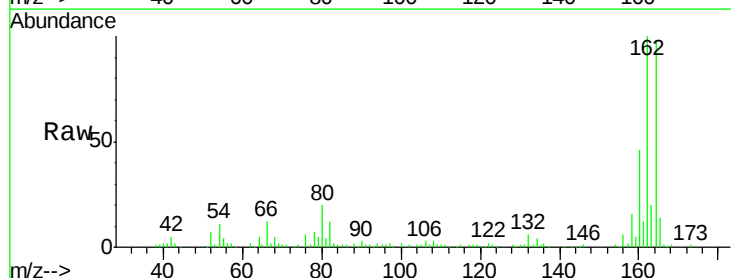
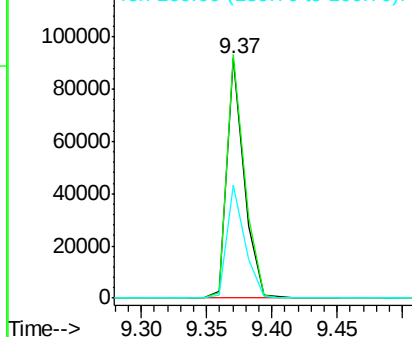
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF081537.D
 Acq: 8 Sep 2015 22:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	75.2	112.8
160	47.2	31.5	47.3

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





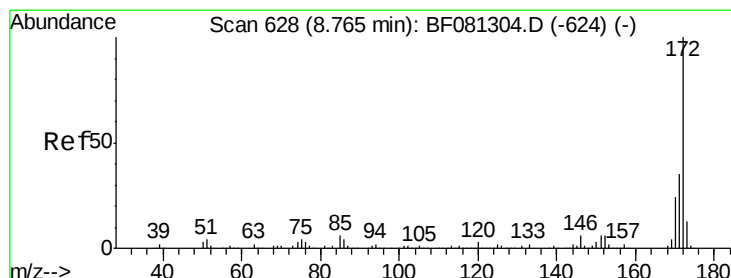
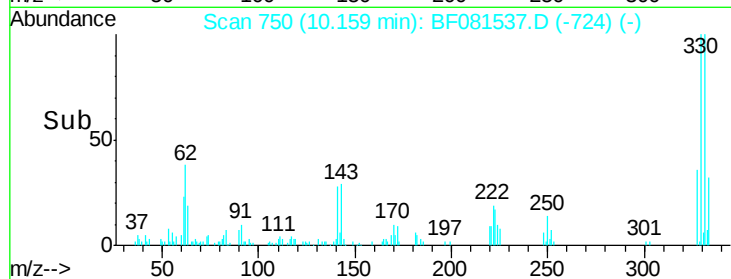
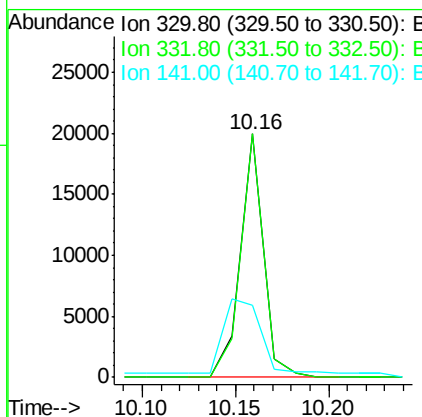
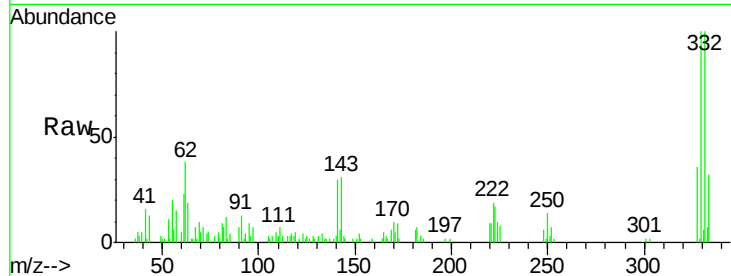
#41
 2,4,6-Tribromophenol
 Concen: 22.91 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081537.D
 Acq: 8 Sep 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 28TP22(4.5-5)RE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	17331		
332	98.8	76.6	114.8	
141	62.3	29.7	44.5#	

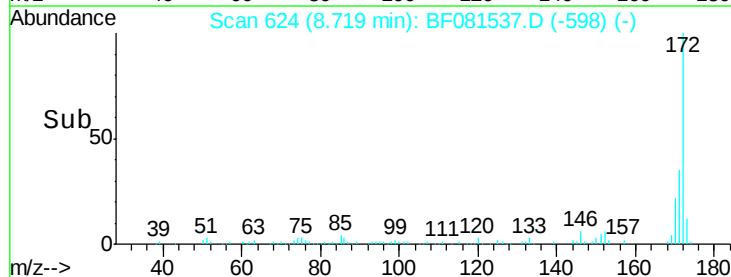
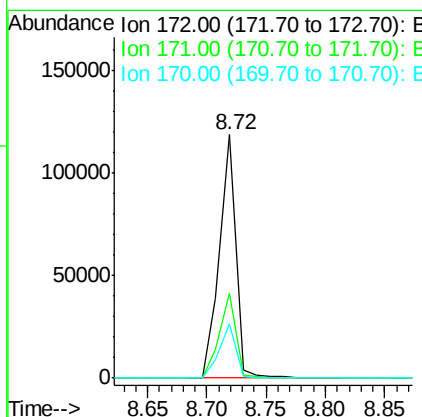
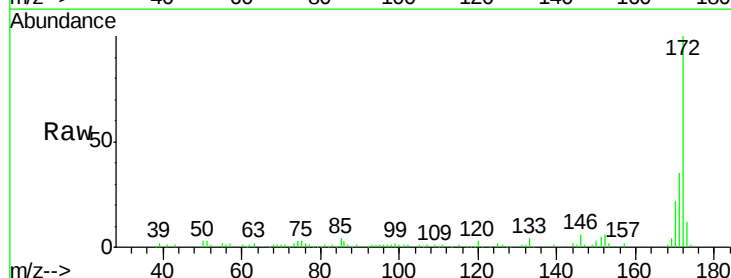
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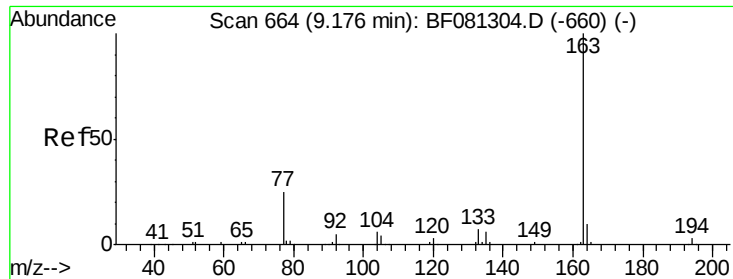
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#44
 2-Fluorobiphenyl
 Concen: 17.11 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081537.D
 Acq: 8 Sep 2015 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	113462		
171	34.9	26.1	39.1	
170	22.3	17.4	26.2	





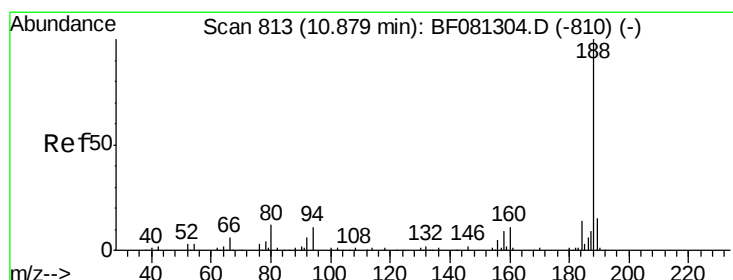
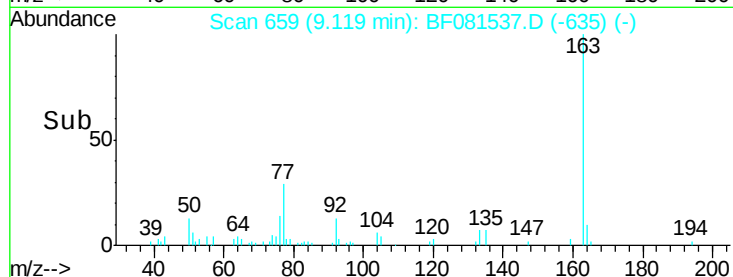
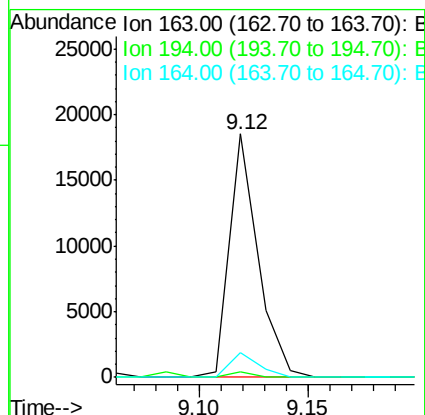
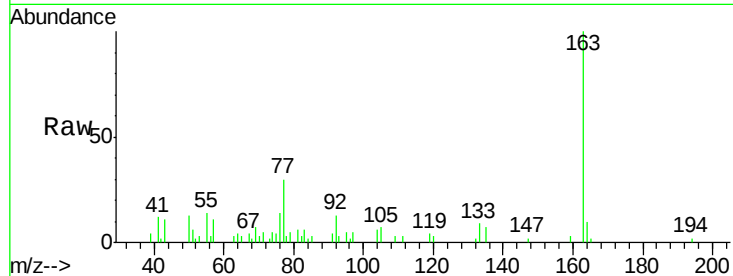
#49
Dimethylphthalate
Concen: 2.55 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF081537.D
Acq: 8 Sep 2015 22:57

Instrument :
BNA_F
ClientSampleId :
28TP22(4.5-5)RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.4	4.4	6.6#
164	10.3	8.3	12.5

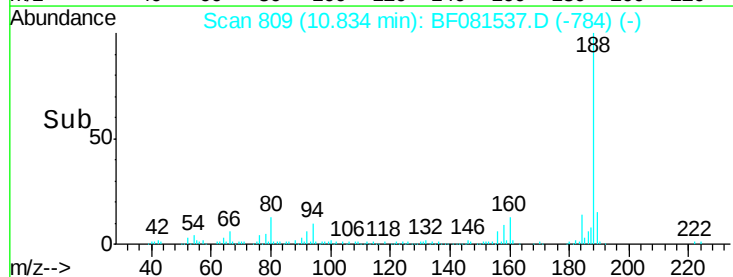
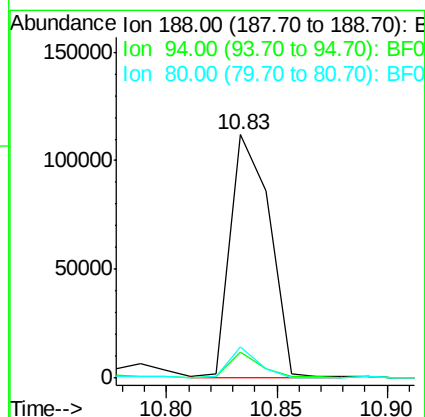
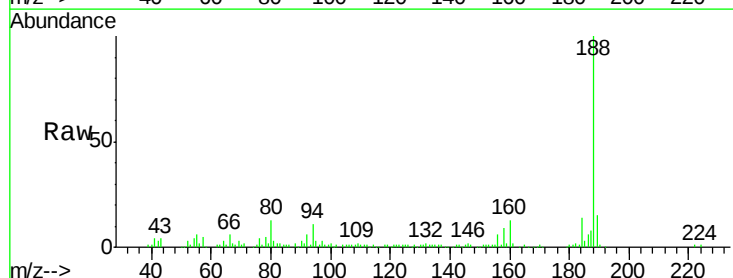
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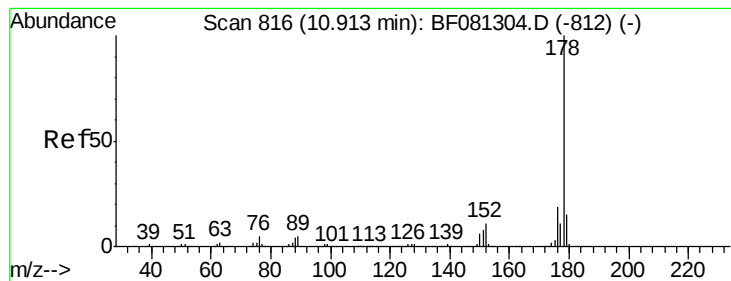
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#63
Phenanthrene-d10
Concen: 20.00 ng m
RT: 10.83 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF081537.D
Acq: 8 Sep 2015 22:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	11.1	16.7#
80	12.8	11.0	16.4





#70

Phenanthrene

Concen: 4.21 ng m

RT: 10.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF081537.D

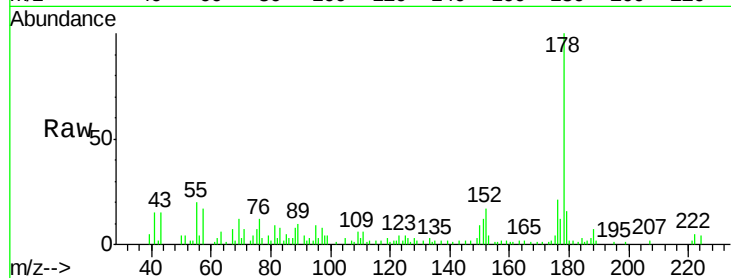
Acq: 8 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)RE



Tgt Ion:178 Resp: 32571

Ion Ratio Lower Upper

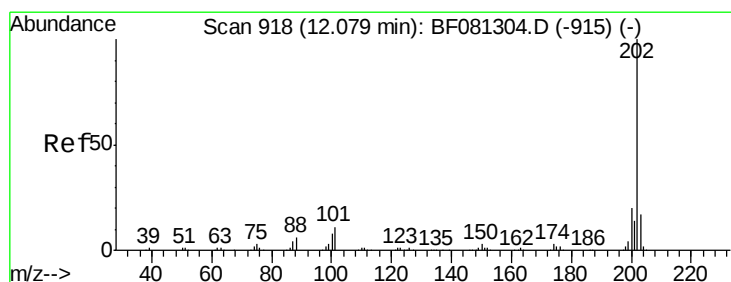
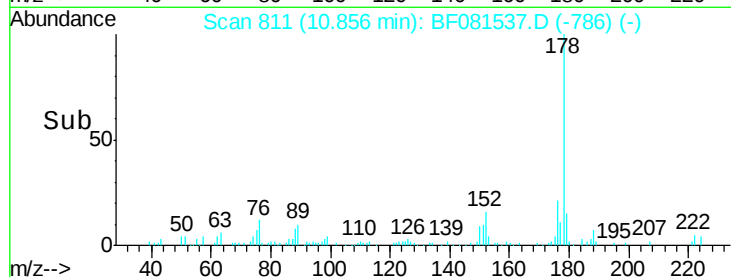
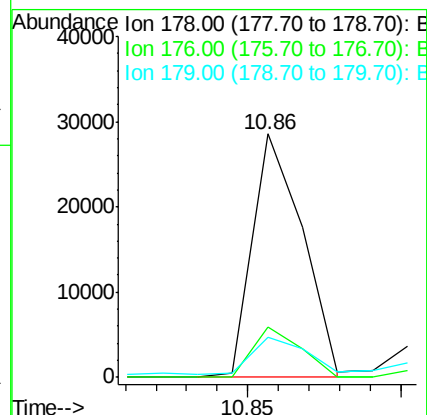
178 100

176 20.8 13.8 20.8#

179 16.5 12.2 18.2

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#74

Fluoranthene

Concen: 11.83 ng

RT: 12.03 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF081537.D

Acq: 8 Sep 2015 22:57

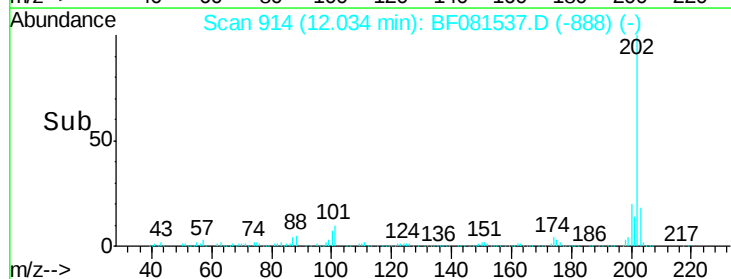
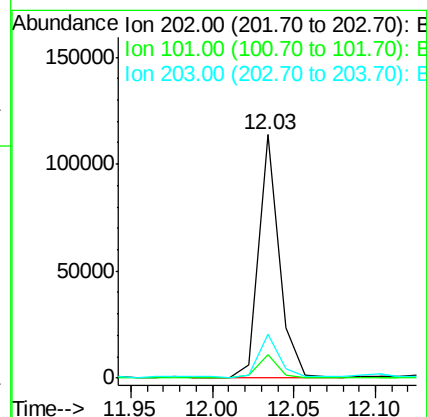
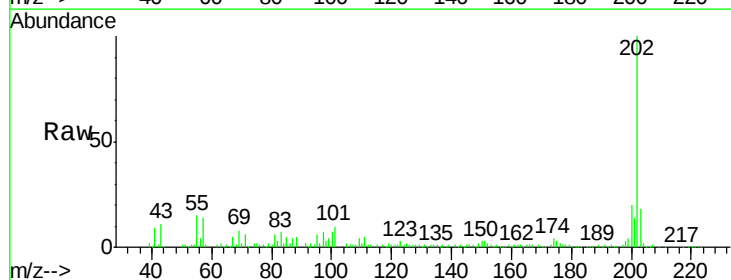
Tgt Ion:202 Resp: 98937

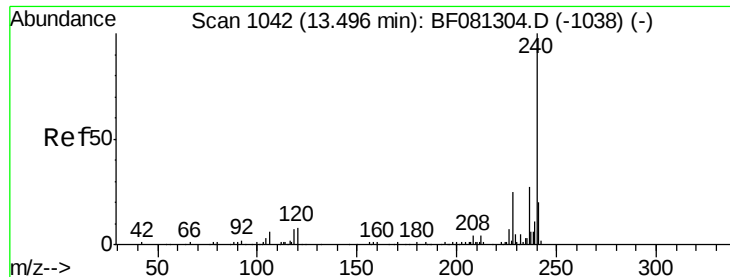
Ion Ratio Lower Upper

202 100

101 9.9 0.0 38.3

203 18.1 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081537.D

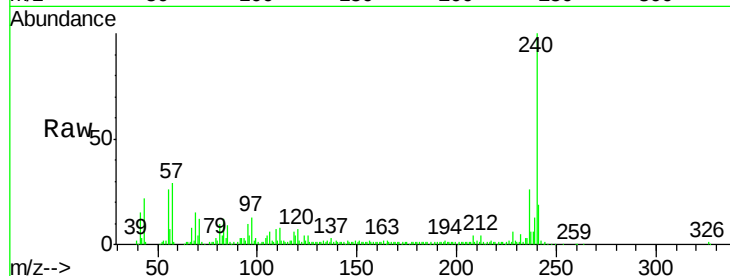
Acq: 8 Sep 2015 22:57

Instrument :

BNA_F

ClientSampleId :

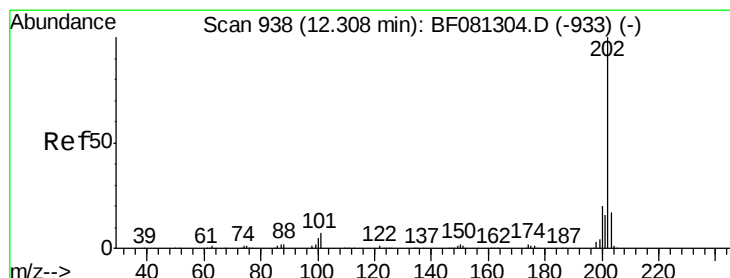
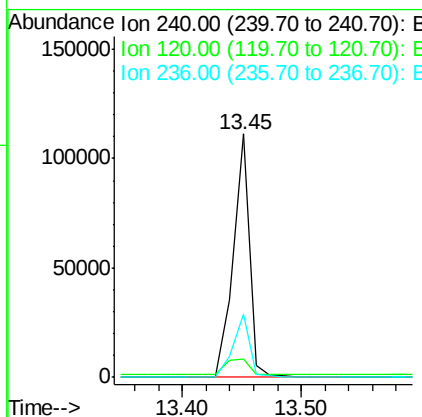
28TP22(4.5-5)RE



Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	7.5	16.2	24.2#	
236	25.9	18.4	27.6	

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#77

Pyrene

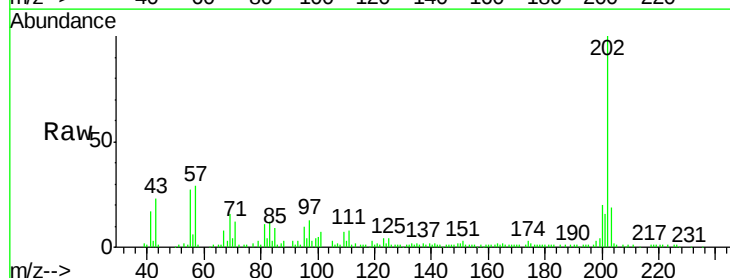
Concen: 11.67 ng

RT: 12.26 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081537.D

Acq: 8 Sep 2015 22:57



Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.7	15.0	22.4	
203	18.6	14.1	21.1	

