

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
 Data File : BF086718.D
 Acq On : 5 May 2016 21:16
 Operator : UM/SJ
 Sample : H2829-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TP-B8(0-4.5)-C

Manual Integrations
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Quant Time: May 06 02:27:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	194432	40.00	ng	-0.01
21) Naphthalene-d8	8.01	136	746720	40.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	335487	40.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	556155	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	372301	40.00	ng	-0.01
86) Perylene-d12	15.27	264	364956	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1123313	95.64	ng	0.00
7) Phenol-d6	6.37	99	1320091	83.44	ng	0.00
23) Nitrobenzene-d5	7.30	82	1033063	71.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	330526	100.71	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1394124	68.12	ng	-0.01
78) Terphenyl-d14	12.83	244	1028223	55.82	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	124210	4.97	ng	99
74) Fluoranthene	12.45	202	106009	3.54	ng	92
77) Pyrene	12.67	202	101899	3.43	ng	97
80) Benzo(a)anthracene	13.86	228	57046	2.71	ng	92
82) Chrysene	13.89	228	46883m	2.09	ng	
87) Benzo(b)fluoranthene	14.88	252	77977m	3.56	ng	
89) Benzo(a)pyrene	15.21	252	49404	2.45	ng	# 92

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

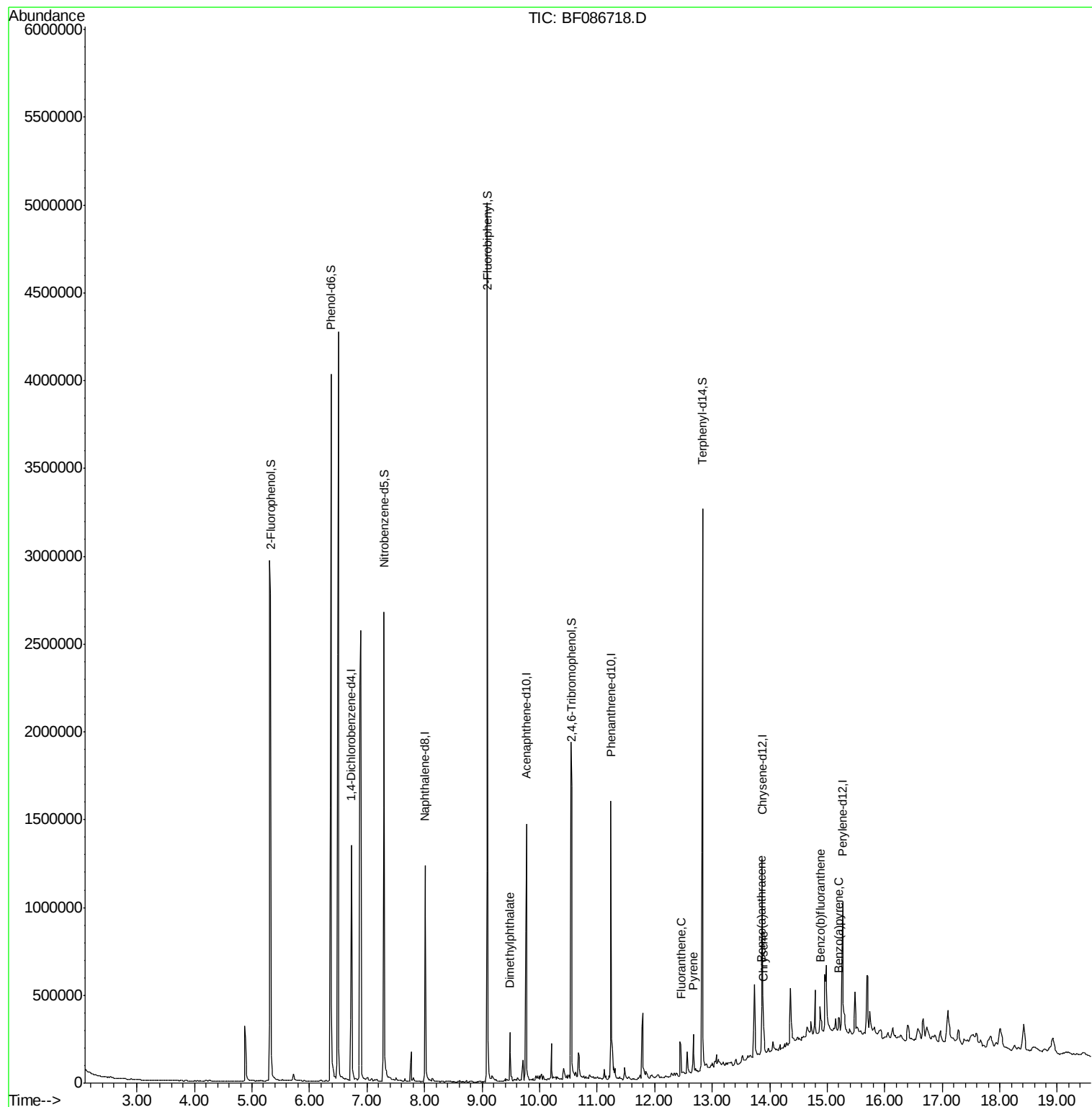
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086718.D
Acq On : 5 May 2016 21:16
Operator : UM/SJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

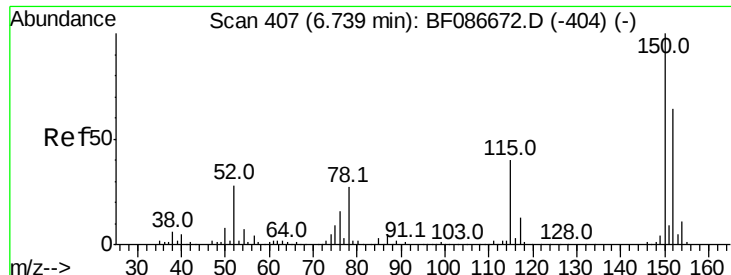
Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B8(0-4.5)-C

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Quant Time: May 06 02:27:06 2016
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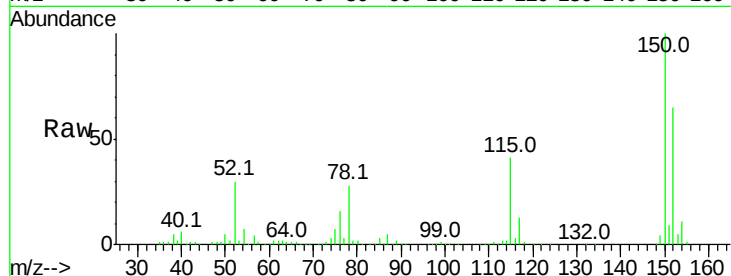




#1

1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF086718.D
 Acq: 5 May 2016 21:16

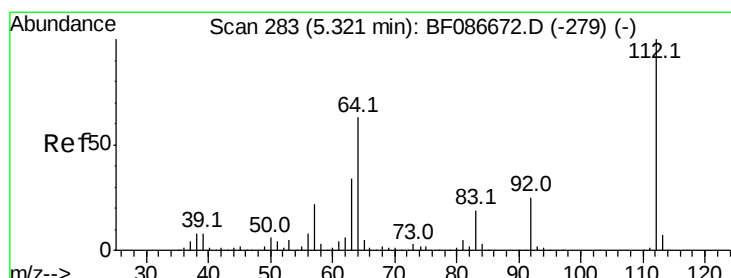
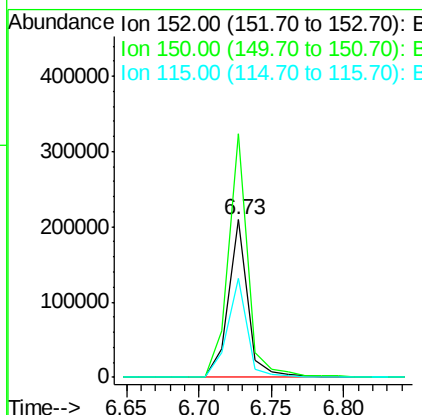
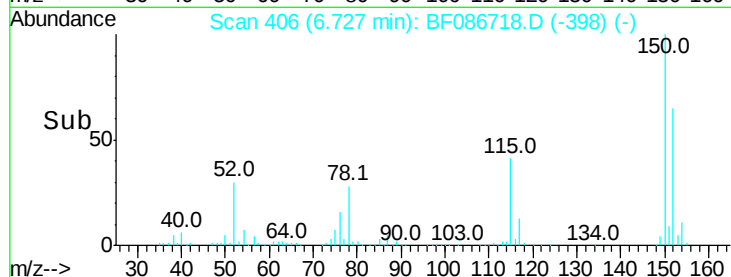
Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TP-B8(0-4.5)-C



Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.8	188.6
115	63.0	51.5	77.3

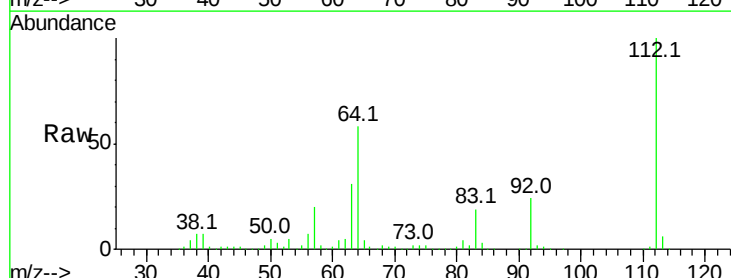
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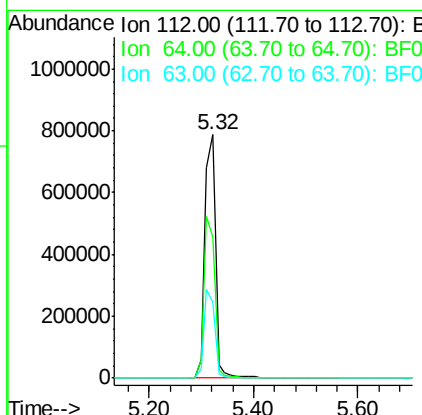
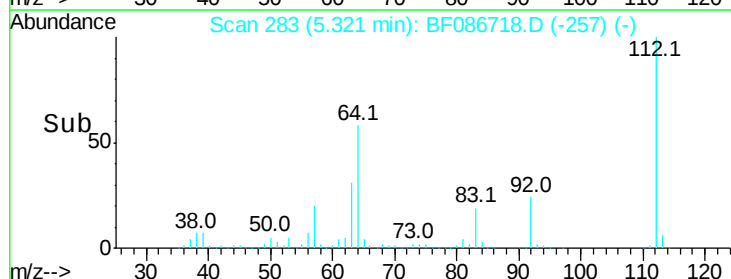


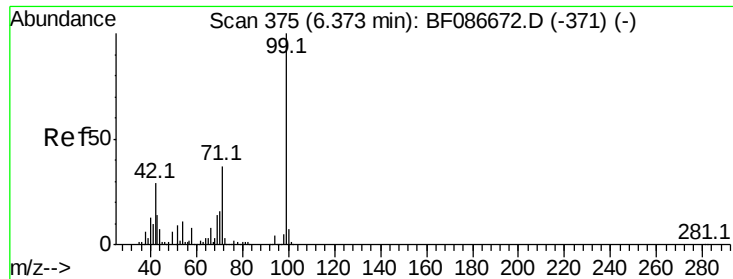
#5

2-Fluorophenol
 Concen: 95.64 ng
 RT: 5.32 min Scan# 283
 Delta R.T. 0.00 min
 Lab File: BF086718.D
 Acq: 5 May 2016 21:16



Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	52.1	78.1
63	31.2	25.7	38.5





#7

Phenol-d6

Concen: 83.44 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086718.D

Acq: 5 May 2016 21:16

Instrument :

BNA_F

ClientSampleId :

EUT01-TP-B8(0-4.5)-C

Tot Ion: 99 Resp: 1320091

Ion Ratio Lower Upper

99 100

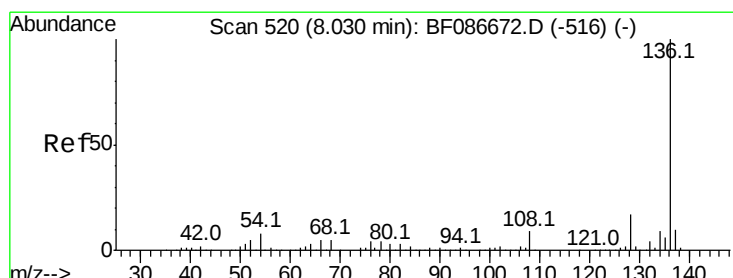
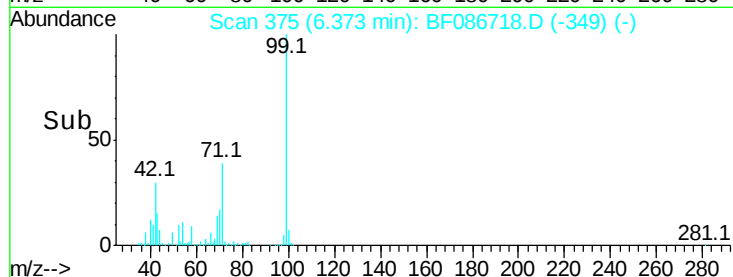
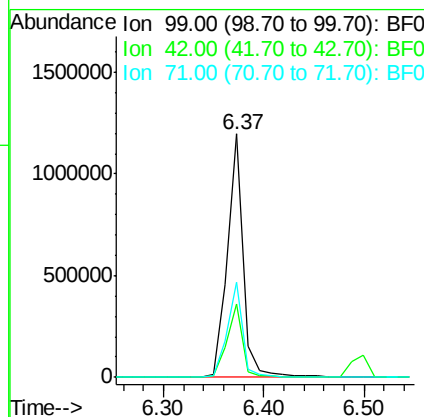
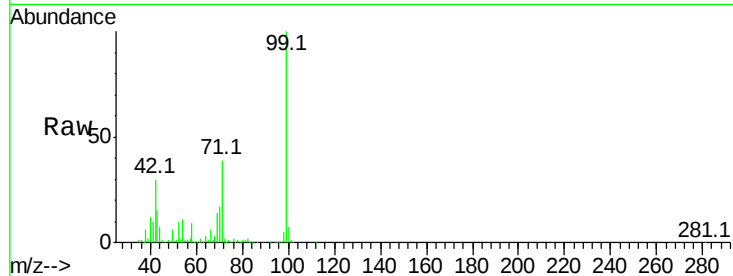
42 30.3 13.6 20.4#

71 39.3 24.6 36.8#

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#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF086718.D

Acq: 5 May 2016 21:16

Tgt Ion: 136 Resp: 746720

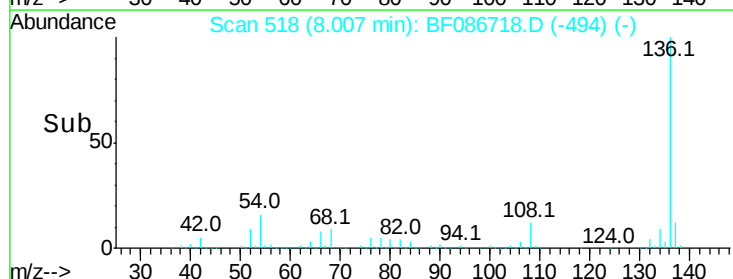
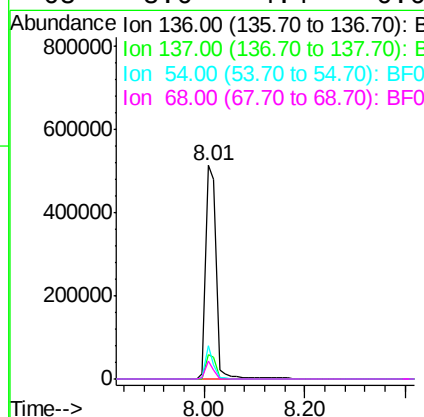
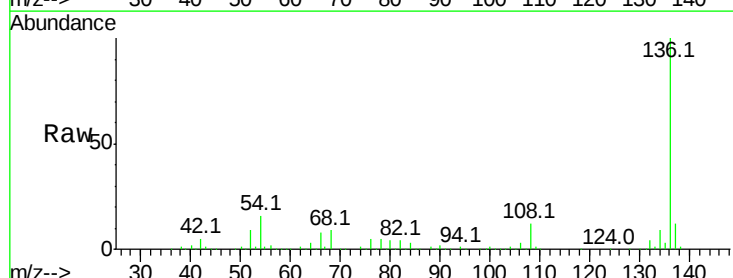
Ion Ratio Lower Upper

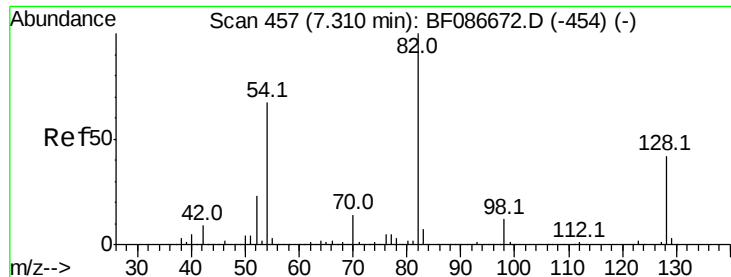
136 100

137 11.5 8.8 13.2

54 15.7 5.0 7.4#

68 8.6 4.4 6.6#





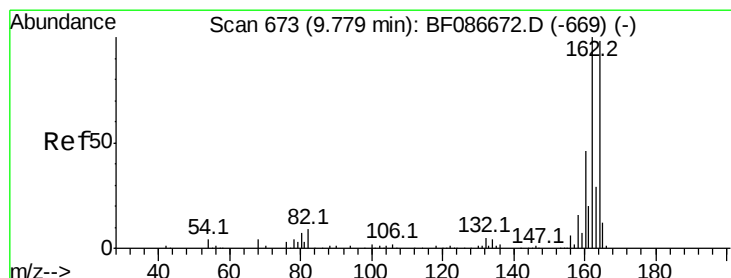
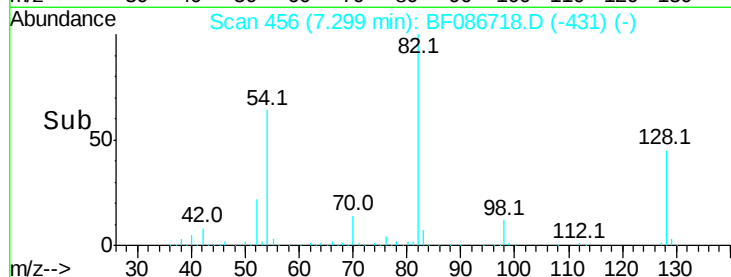
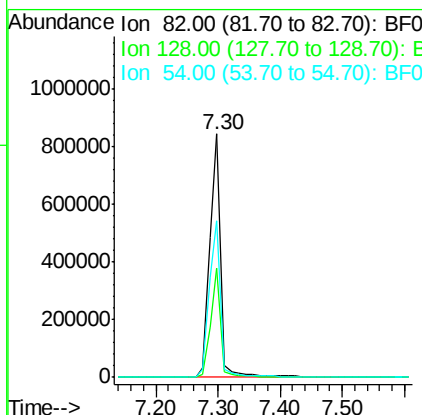
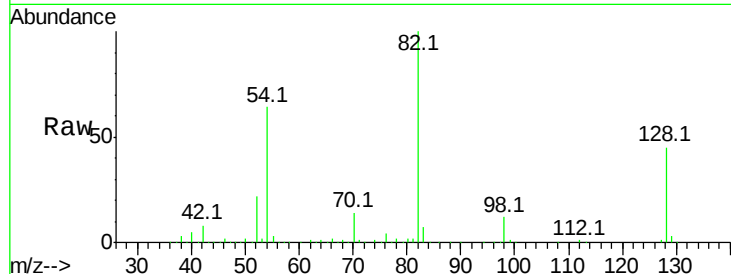
#23
 Nitrobenzene-d5
 Concen: 71.09 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086718.D
 Acq: 5 May 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TP-B8(0-4.5)-C

Tot Ion: 82 Resp: 1033063
 Ion Ratio Lower Upper
 82 100
 128 44.7 40.6 61.0
 54 64.2 38.1 57.1#

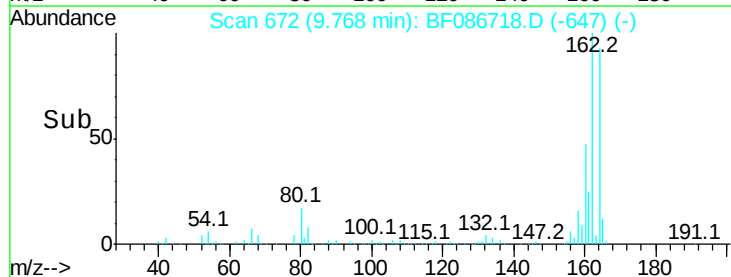
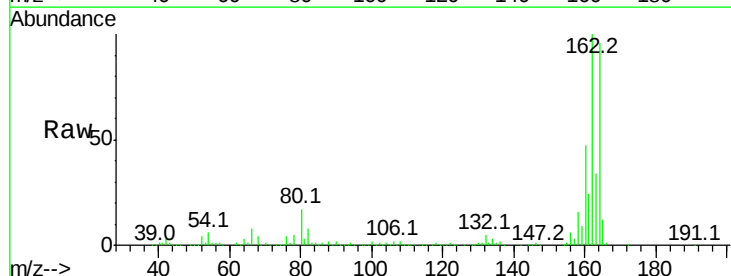
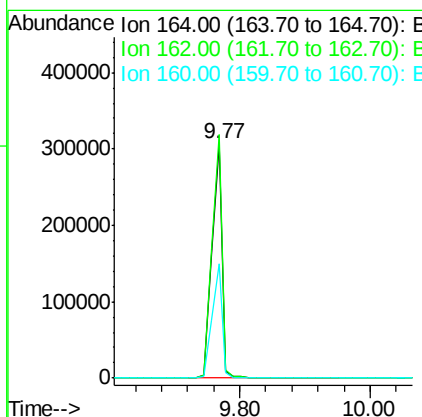
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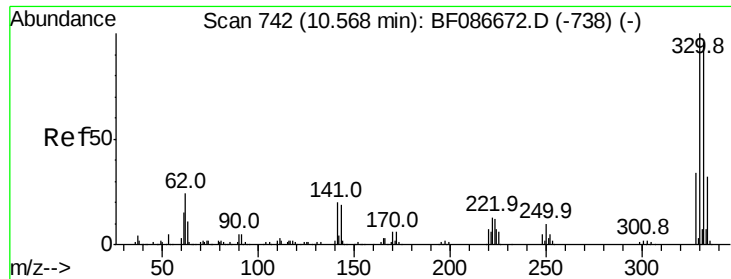
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#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF086718.D
 Acq: 5 May 2016 21:16

Tgt Ion:164 Resp: 335487
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.8 124.2
 160 48.8 36.9 55.3





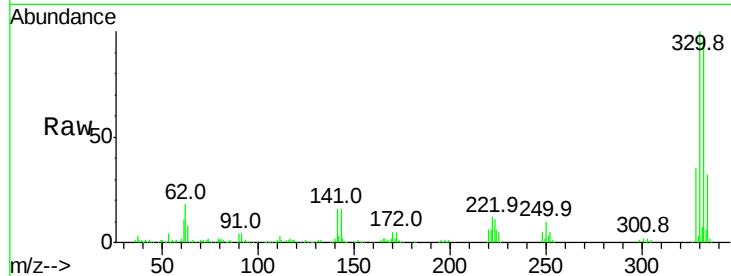
#41
 2,4,6-Tribromophenol
 Concen: 100.71 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF086718.D
 Acq: 5 May 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TP-B8(0-4.5)-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	79.0	118.4	
141	33.6	31.2	46.8	

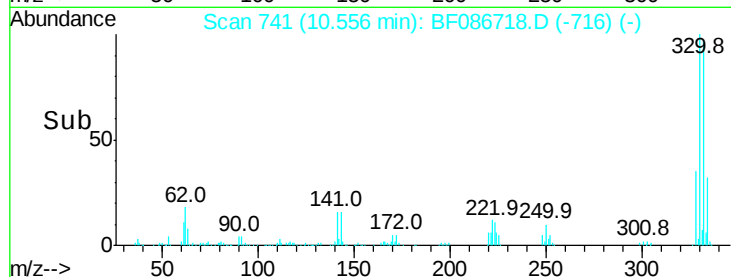
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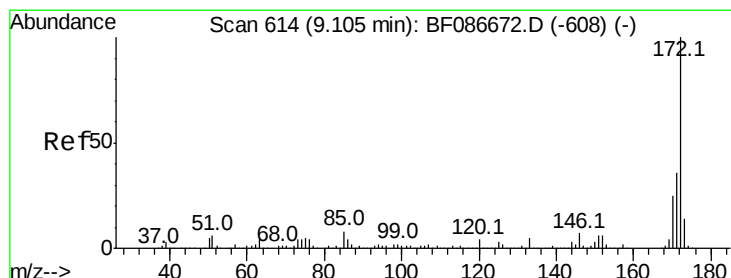


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

10.56

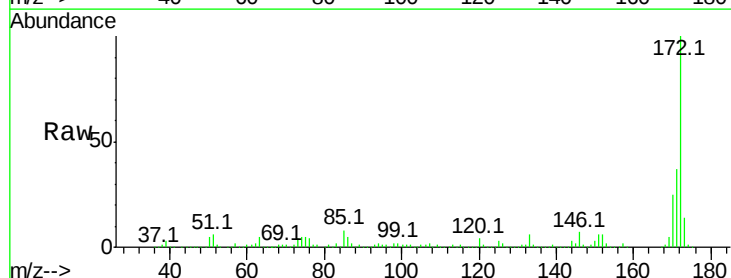


Time--> 10.40 10.60 10.80



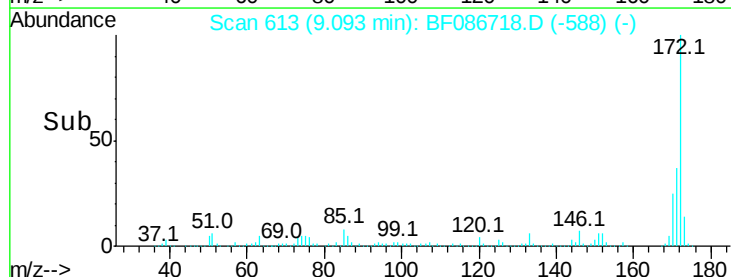
#44
 2-Fluorobiphenyl
 Concen: 68.12 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086718.D
 Acq: 5 May 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.9	29.0	43.6	
170	25.0	19.8	29.8	

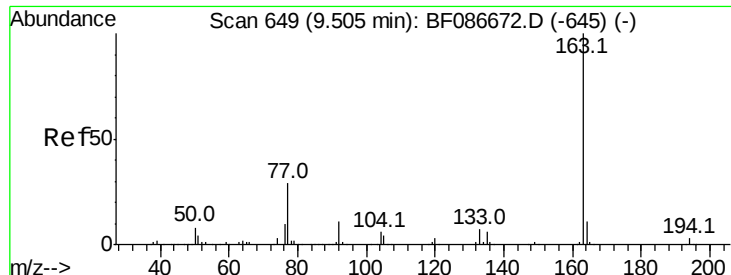


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

9.09



Time--> 9.00 9.20 9.40



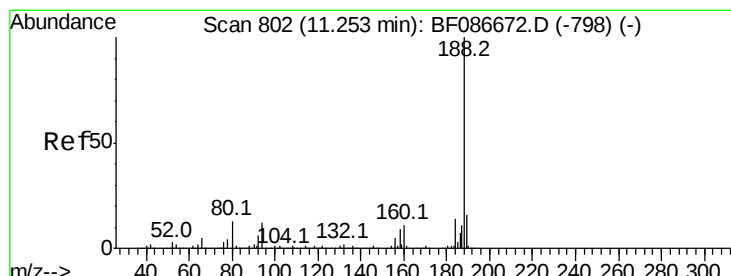
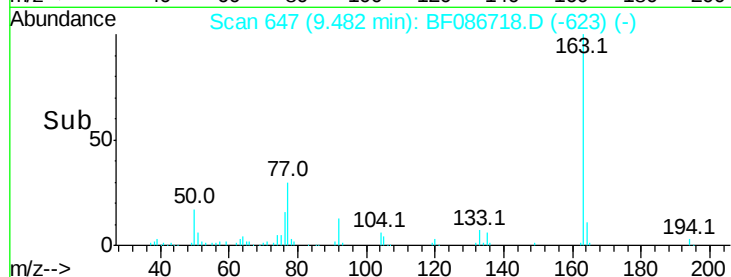
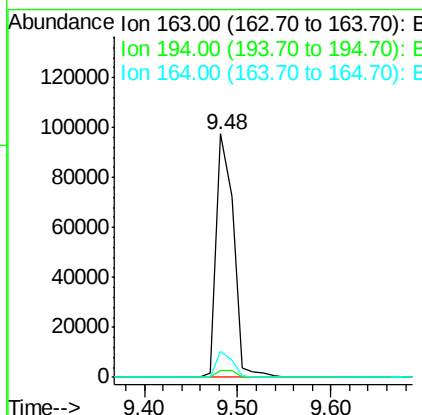
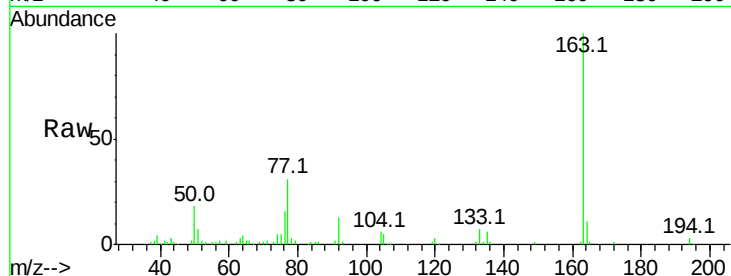
#49
Dimethylphthalate
Concen: 4.97 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF086718.D
Acq: 5 May 2016 21:16

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B8(0-4.5)-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	124210		
194	3.0	2.6	4.0	
164	10.7	8.2	12.4	

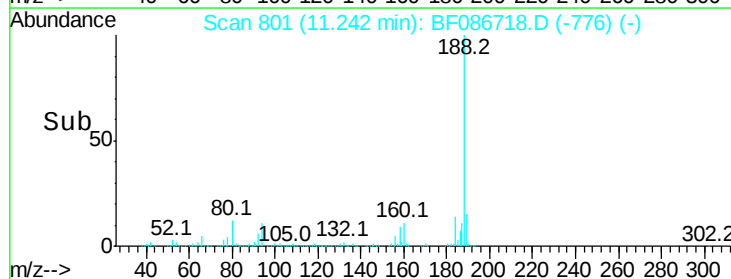
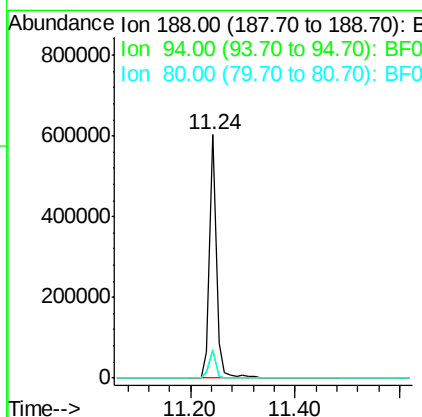
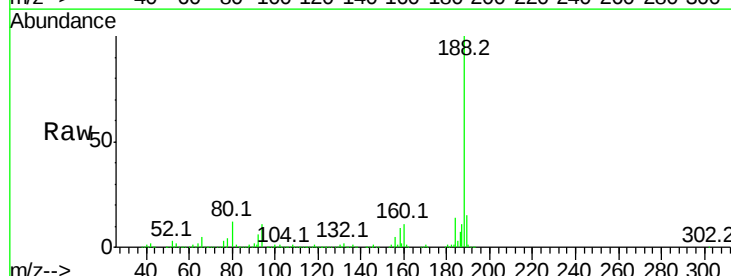
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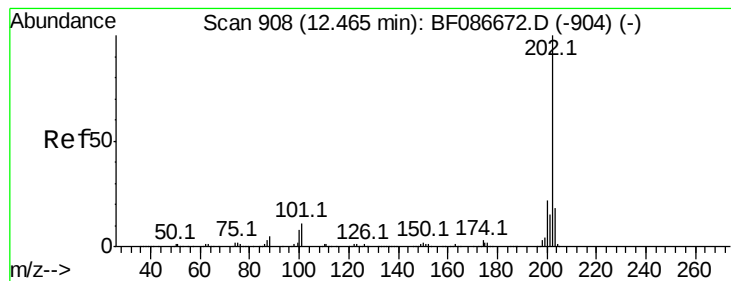
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#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF086718.D
Acq: 5 May 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	556155		
94	11.0	6.8	10.2#	
80	11.7	7.1	10.7#	





#74

Fluoranthene

Concen: 3.54 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF086718.D

Acq: 5 May 2016 21:16

Instrument :

BNA_F

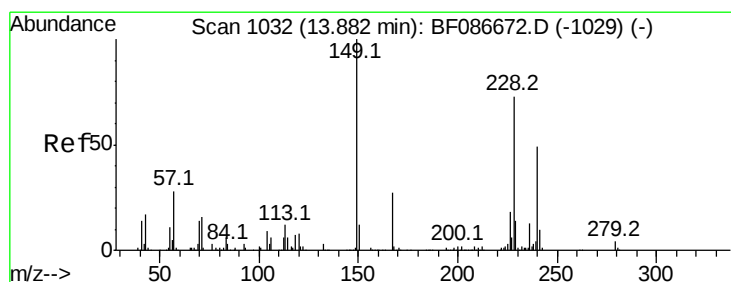
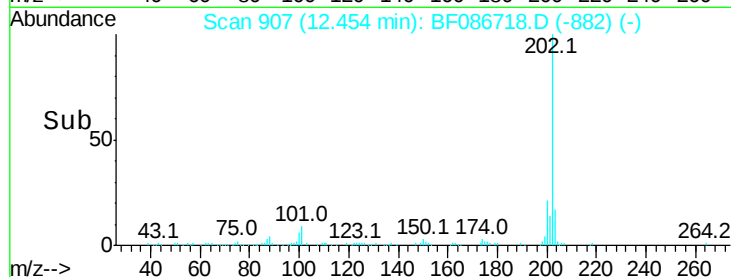
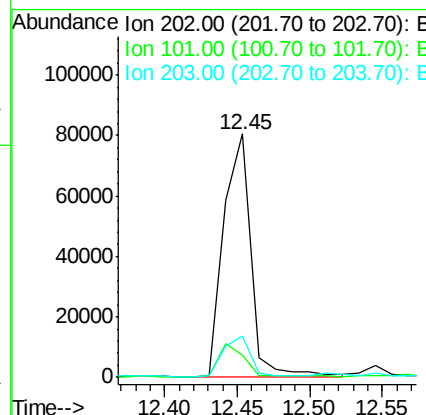
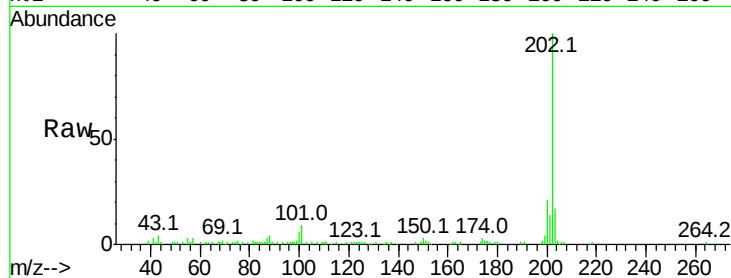
ClientSampleId :

EUT01-TP-B8(0-4.5)-C

Tot Ion	Ratio	Resp	Lower	Upper
202	100	106009		
101	9.1	0.0	35.4	
203	16.9	0.0	38.1	

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#75

Chrysene-d12

Concen: 40.00 ng

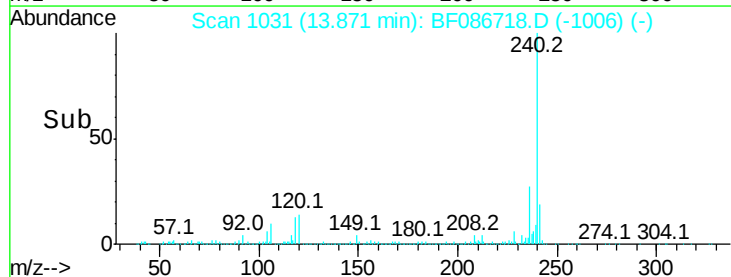
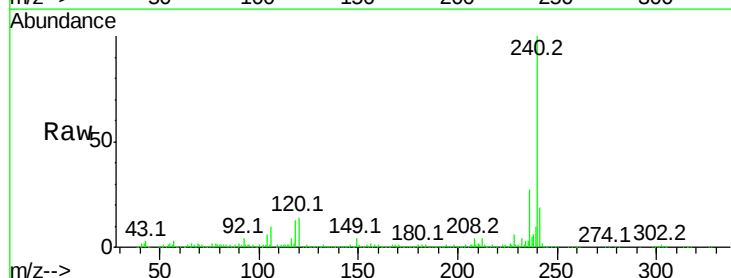
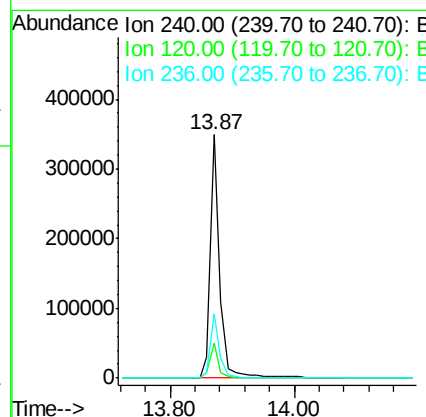
RT: 13.87 min Scan# 1031

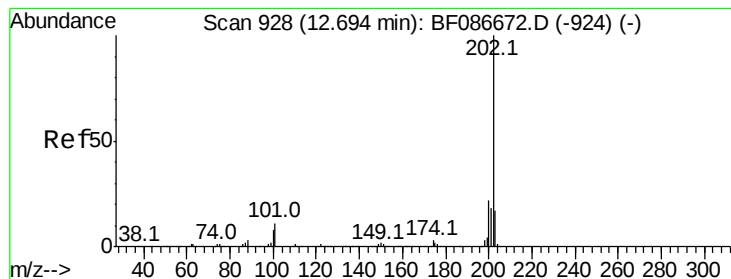
Delta R.T. -0.01 min

Lab File: BF086718.D

Acq: 5 May 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	372301		
120	14.1	11.2	16.8	
236	26.6	21.2	31.8	





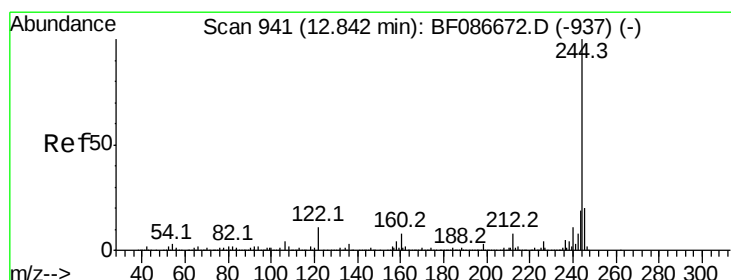
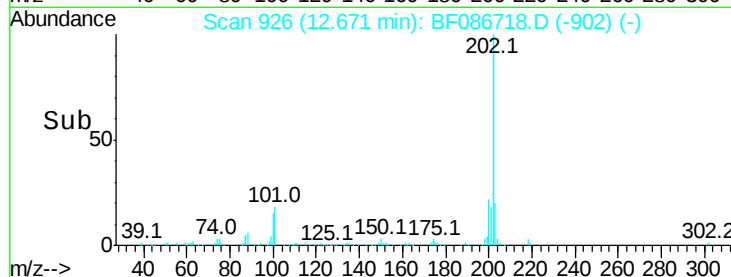
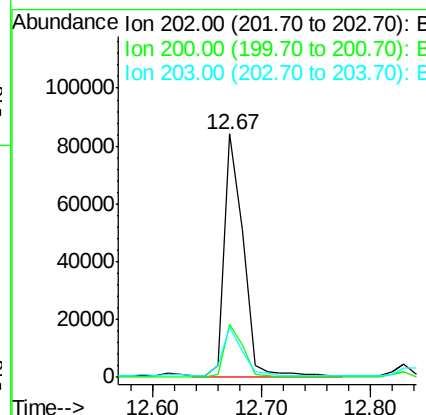
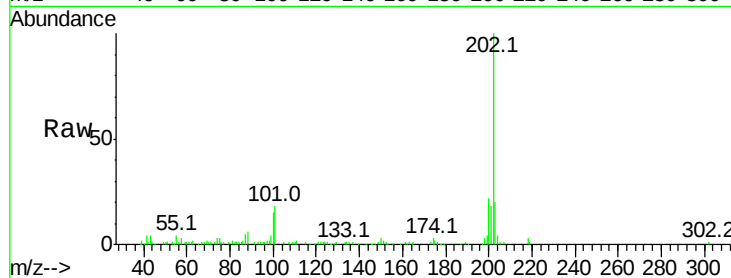
#77
Pvrene
Concen: 3.43 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF086718.D
Acq: 5 May 2016 21:16

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B8(0-4.5)-C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.7	26.5
203	20.4	14.2	21.4

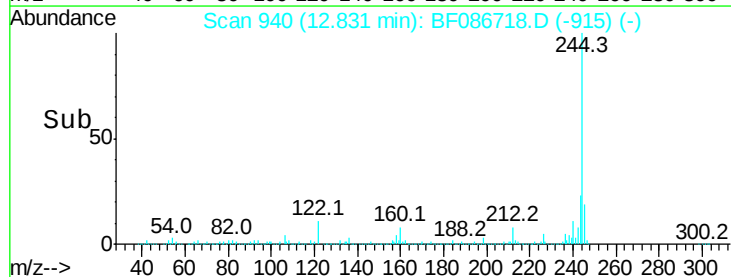
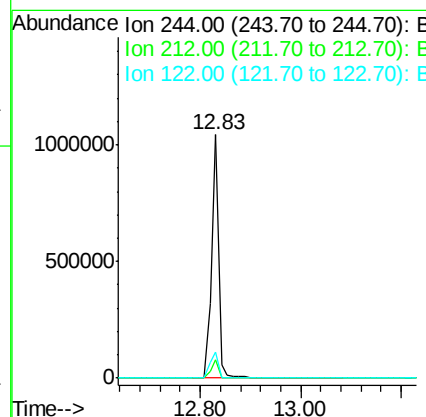
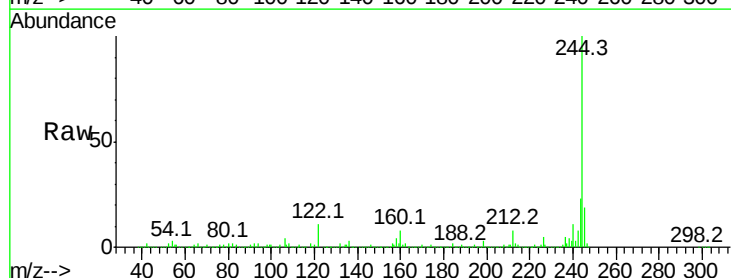
Manual Integrations
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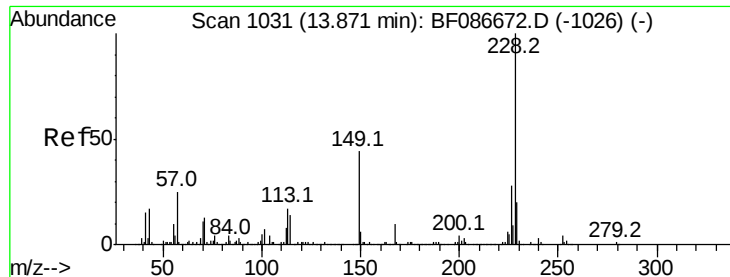
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#78
Terphenyl-d14
Concen: 55.82 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF086718.D
Acq: 5 May 2016 21:16

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	6.2	9.2
122	10.9	12.0	18.0#





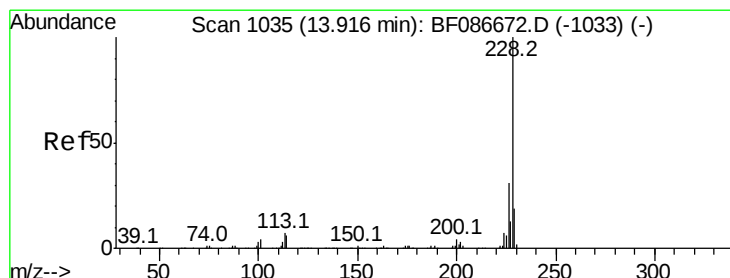
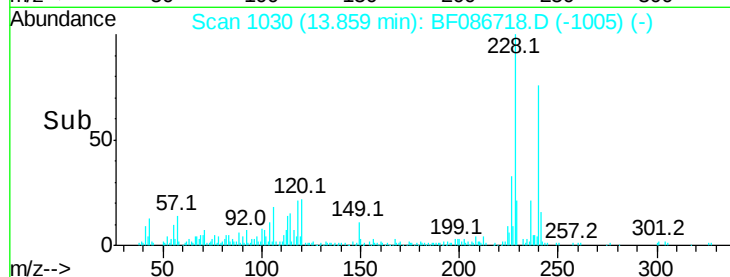
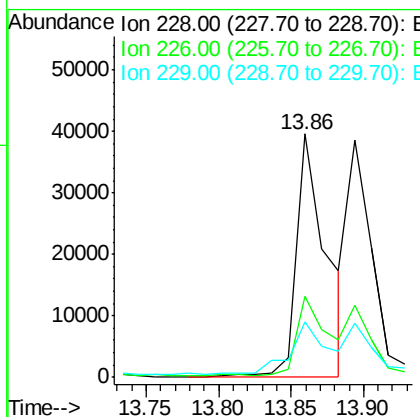
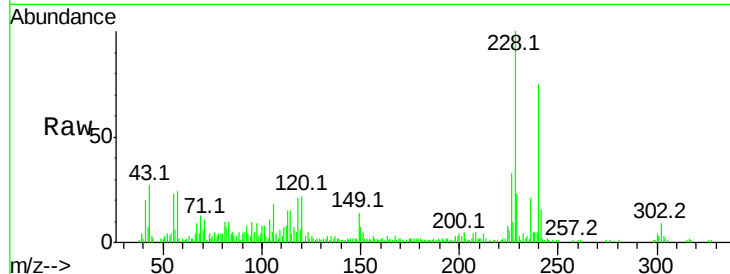
#80
Benzo(a)anthracene
Concen: 2.71 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF086718.D
Acq: 5 May 2016 21:16

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B8(0-4.5)-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.5	33.7
229	23.0	16.6	25.0

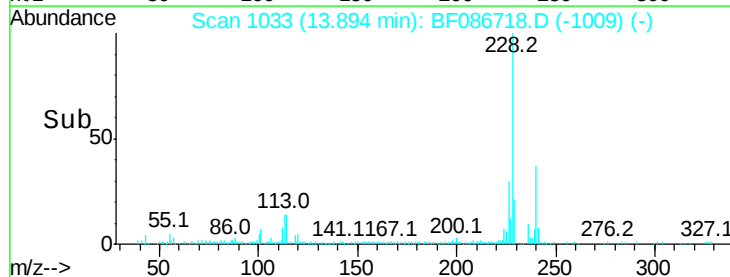
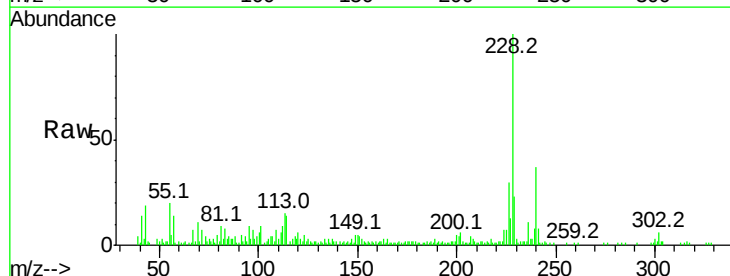
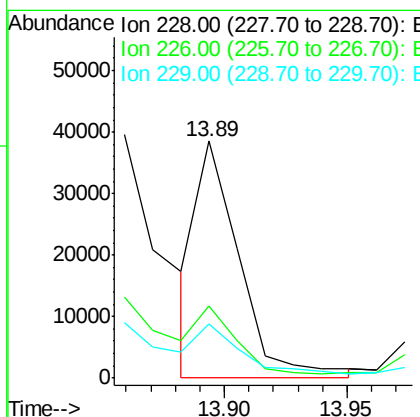
Manual Integrations
APPROVED

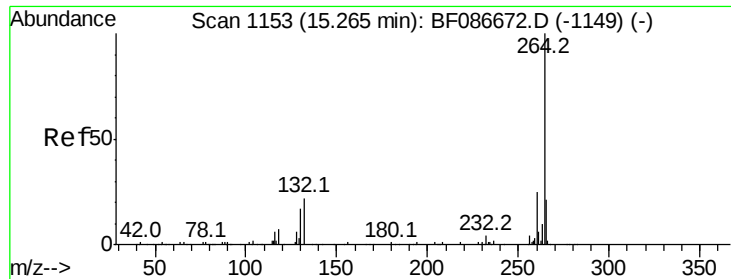
umangi
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#82
Chrysene
Concen: 2.09 ng m
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086718.D
Acq: 5 May 2016 21:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	22.9	15.8	23.8





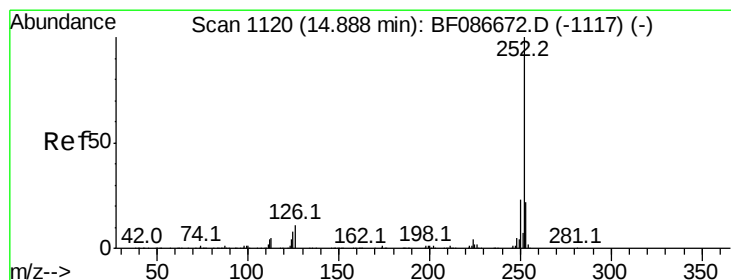
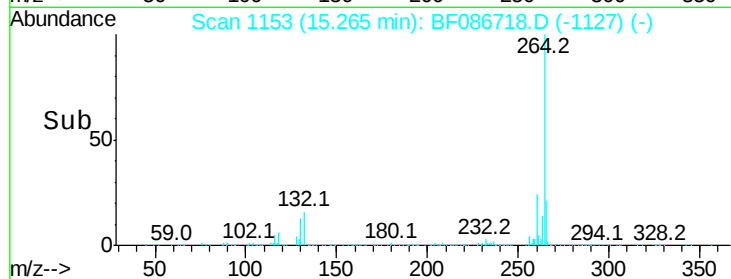
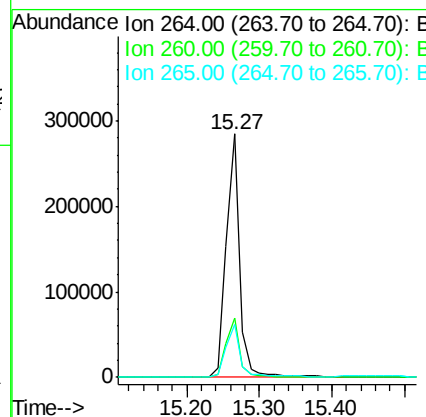
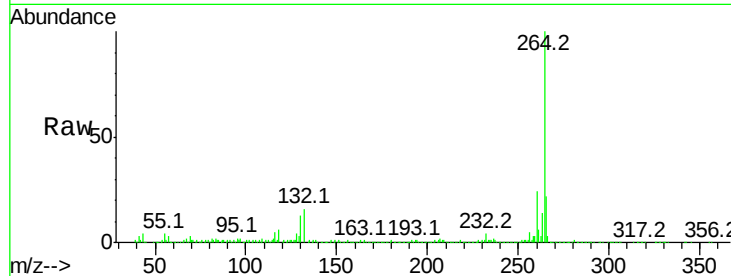
#86
Pervlene-d12
Concen: 40.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF086718.D
Acq: 5 May 2016 21:16

Instrument :
BNA_F
ClientSampleId :
EUT01-TP-B8(0-4.5)-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	17.3	25.9

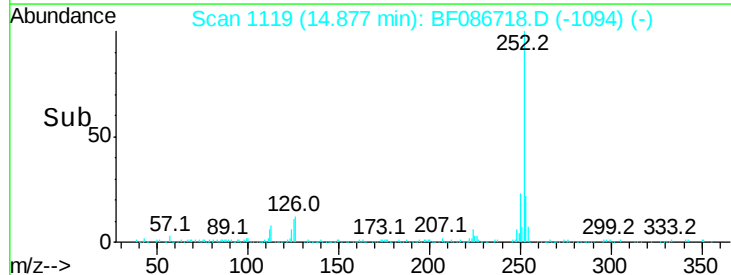
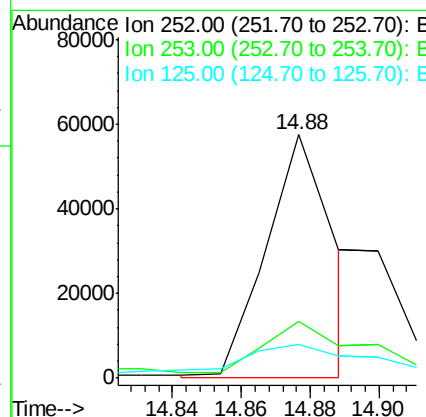
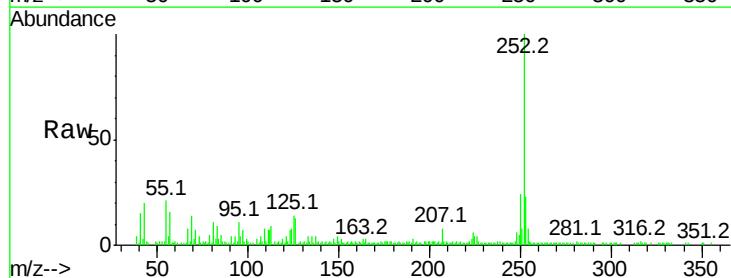
Manual Integrations
APPROVED

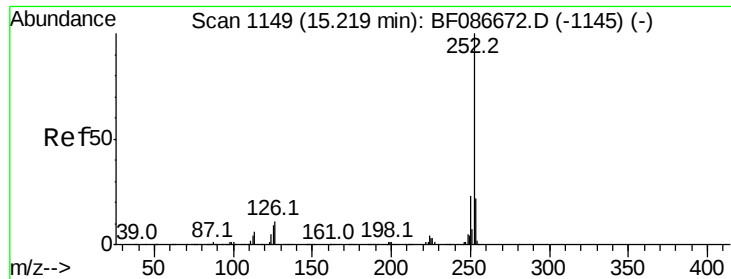
umangi
5/6/2016 7:11:44 PM



#87
Benzo(b)fluoranthene
Concen: 3.56 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF086718.D
Acq: 5 May 2016 21:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	14.1	11.4	17.0





#89
 Benzo(a)pyrene
 Concen: 2.45 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF086718.D
 Acq: 5 May 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TP-B8(0-4.5)-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	15.3	9.0	13.6

Manual Integrations
 APPROVED

umangi
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