

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082498.D
 Acq On : 24 Oct 2015 7:43
 Operator : UM/IZ
 Sample : G4116-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-01(0-2)

Manual Integrations
 APPROVED

MmDadoda
 10/26/2015 7:22:49 PM

Quant Time: Oct 25 00:36:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	93986	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	333509	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	159132	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	262883	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	206000	20.00	ng	-0.08
86) Perylene-d12	15.44	264	203241	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	761936	163.62	ng	0.01
7) Phenol-d6	6.41	99	856883	141.40	ng	-0.01
23) Nitrobenzene-d5	7.33	82	533606	107.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	183236	122.78	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	987762	102.94	ng	-0.01
78) Terphenyl-d14	12.88	244	729291	93.81	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.52	163	240173	21.43	ng	Qvalue 99
70) Phenanthrene	11.30	178	53682	4.17	ng	99
74) Fluoranthene	12.50	202	77824	5.62	ng	97
77) Pyrene	12.73	202	64452	5.27	ng	98
79) Butylbenzylphthalate	13.35	149	59370	10.64	ng	# 87
80) Benzo(a)anthracene	13.94	228	39495m	3.68	ng	
82) Chrysene	13.98	228	37437m	3.31	ng	
85) Indeno(1,2,3-cd)pyrene	16.84	276	20359	2.27	ng	96
87) Benzo(b)fluoranthene	15.03	252	57575m	4.66	ng	
89) Benzo(a)pyrene	15.38	252	34228	3.22	ng	# 93
91) Benzo(g,h,i)perylene	17.26	276	21498	2.54	ng	96

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

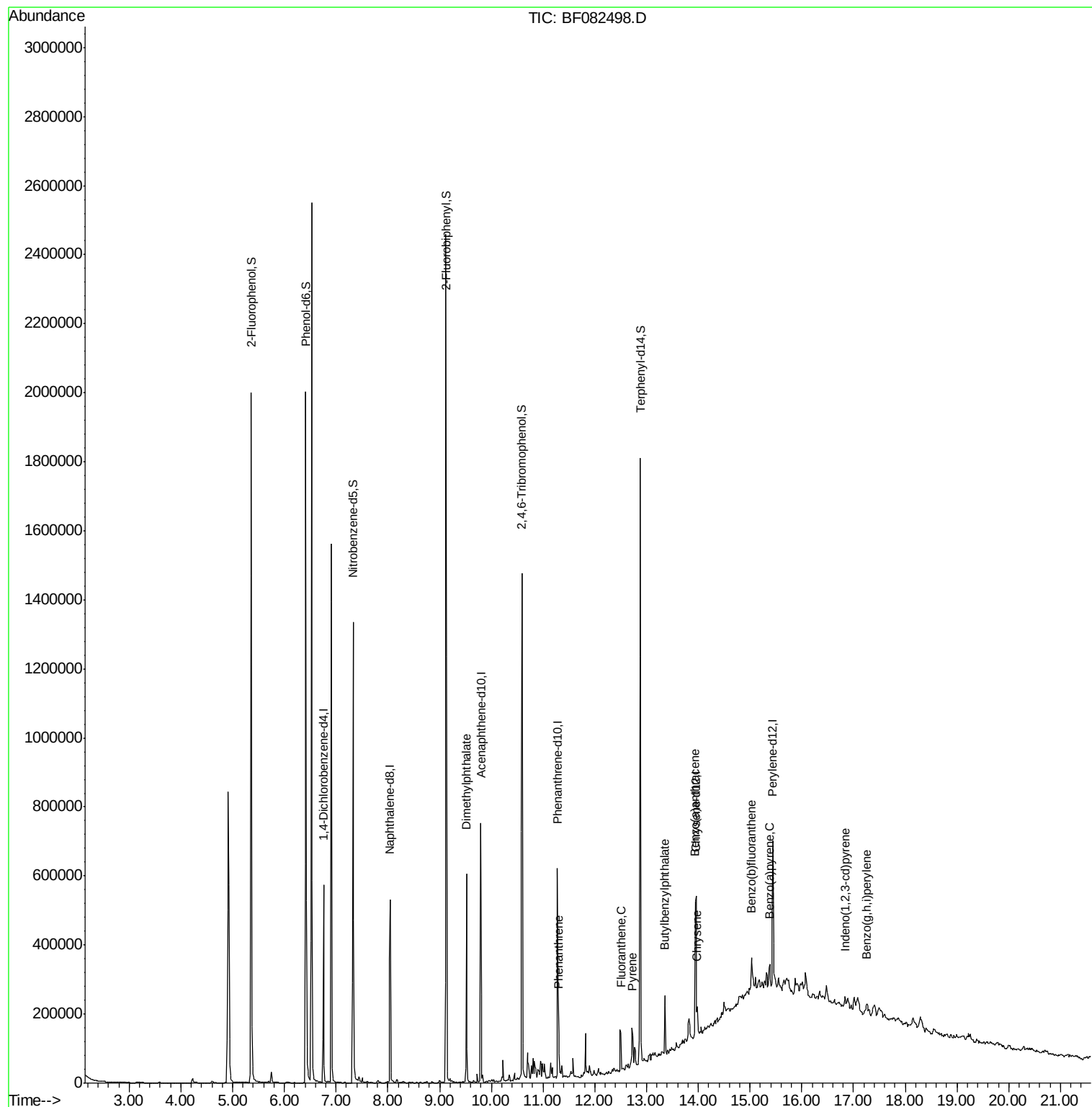
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082498.D
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Operator : UM/IZ
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Misc :
ALS Vial : 27 Sample Multiplier: 1

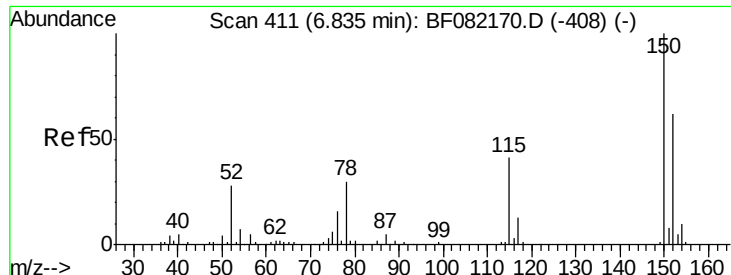
Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

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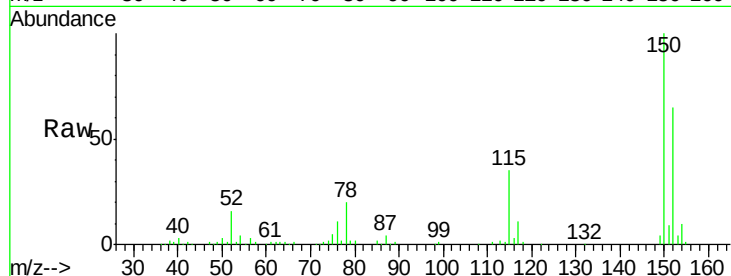




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF082498.D
Acq: 24 Oct 2015 7:43

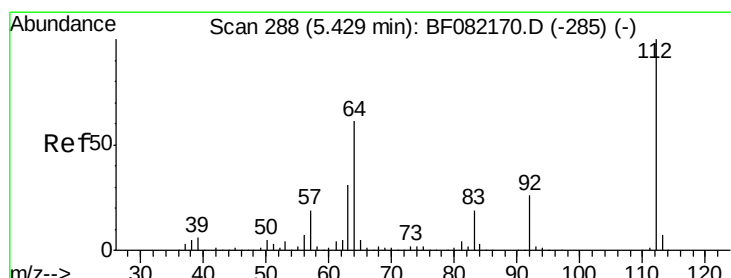
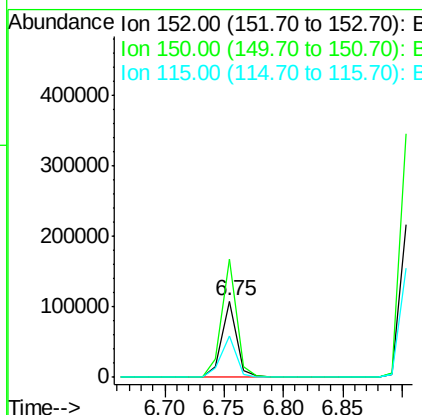
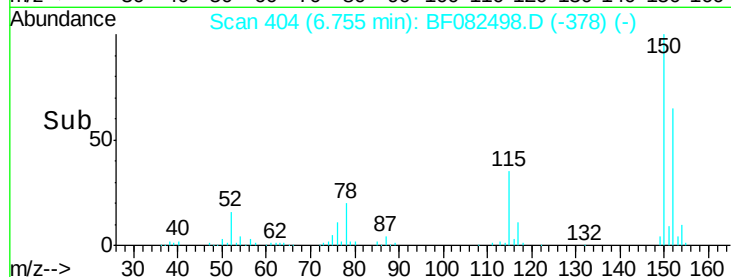
Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	129.0	193.4
115	53.4	52.1	78.1

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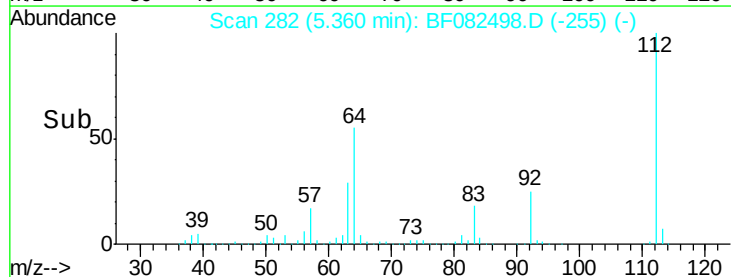
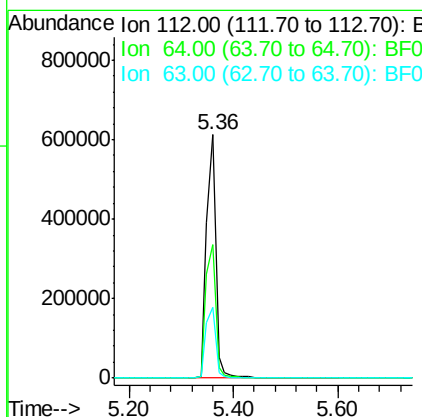
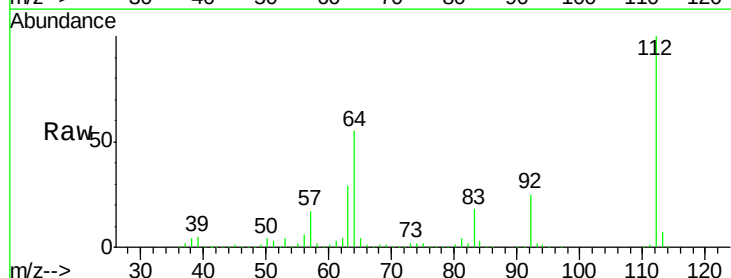
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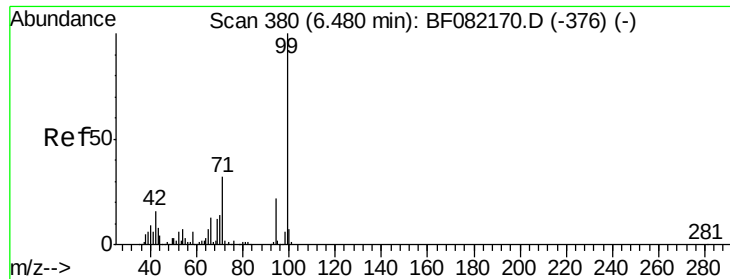


#5

2-Fluorophenol
Concen: 163.62 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082498.D
Acq: 24 Oct 2015 7:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	48.6	73.0
63	28.9	25.1	37.7





#7

Phenol-d6

Concen: 141.40 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082498.D

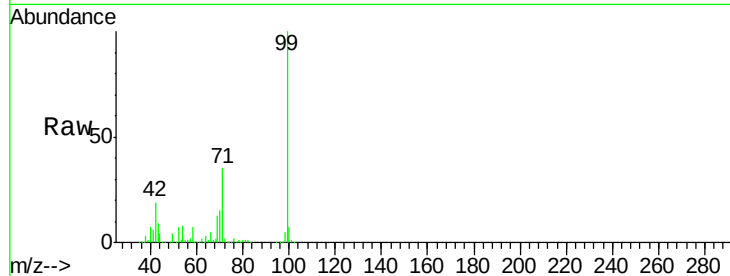
Acq: 24 Oct 2015 7:43

Instrument :

BNA_F

ClientSampleId :

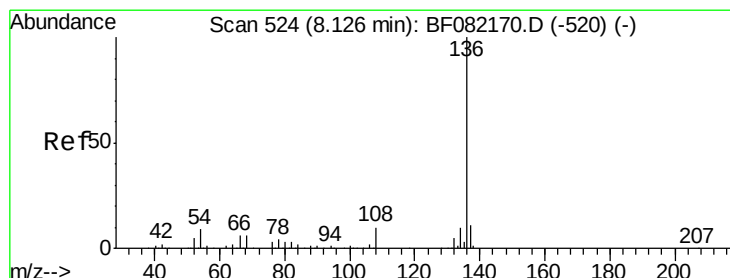
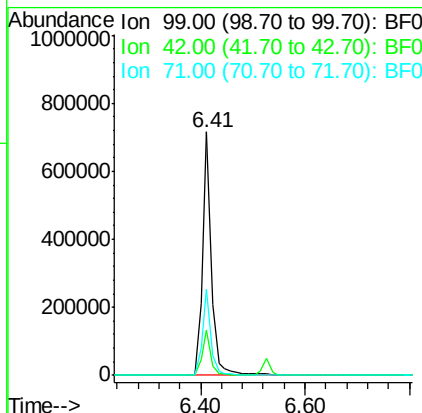
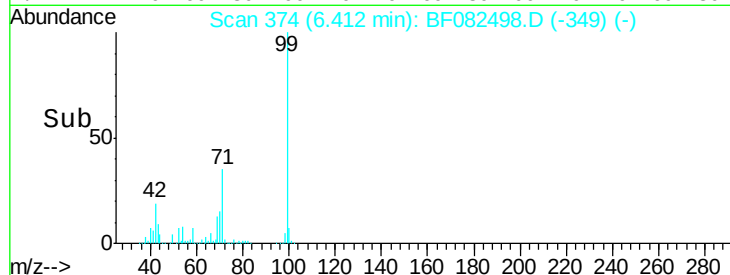
BRIDGE-14-01(0-2)



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		856883		
42	18.5	13.2	19.8		
71	35.3	25.6	38.4		

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#21

Naphthalene-d8

Concen: 20.00 ng

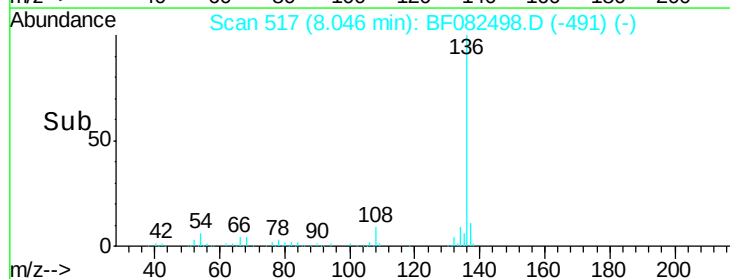
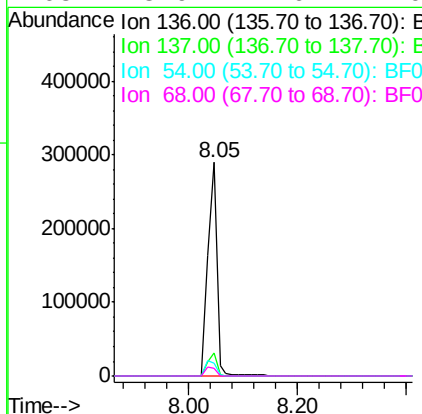
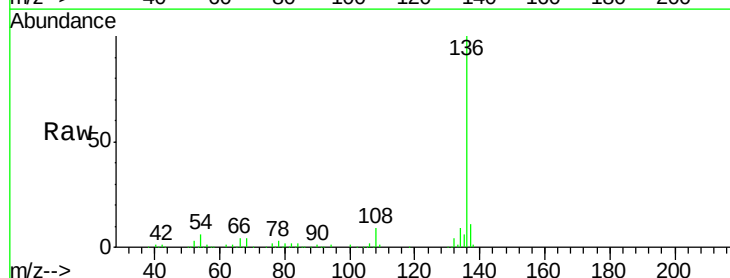
RT: 8.05 min Scan# 517

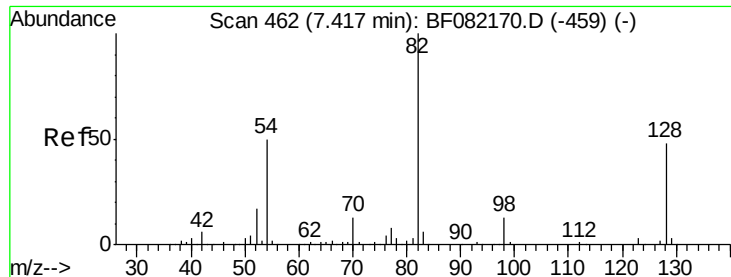
Delta R.T. 0.00 min

Lab File: BF082498.D

Acq: 24 Oct 2015 7:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		333509		
137	10.7	9.0	13.6		
54	5.7	7.5	11.3#		
68	3.9	4.6	7.0#		





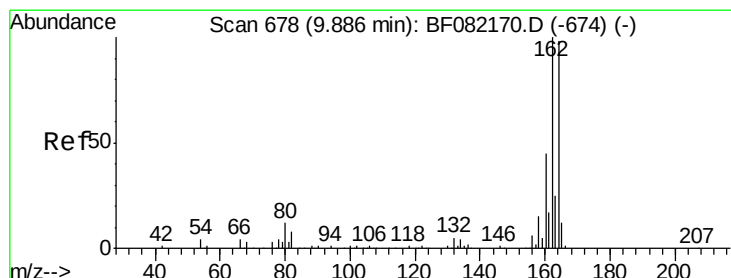
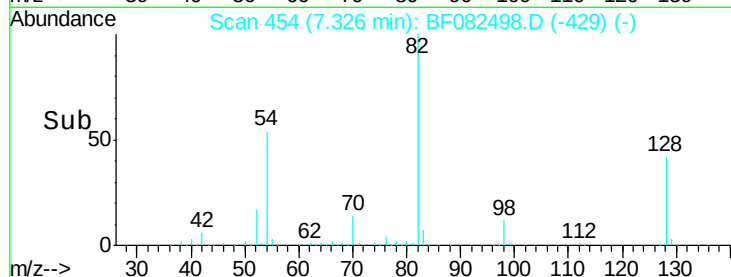
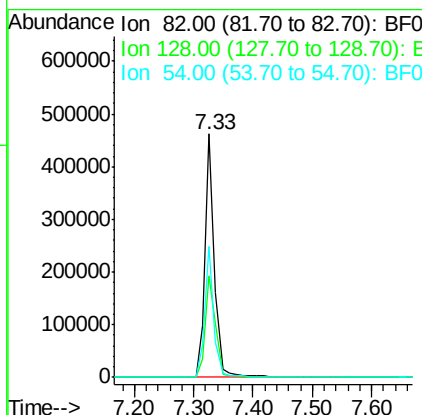
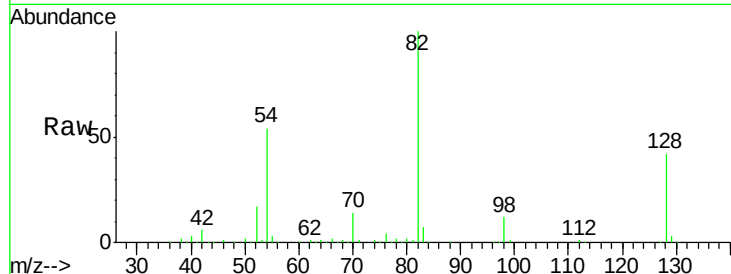
#23
 Nitrobenzene-d5
 Concen: 107.45 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082498.D
 Acq: 24 Oct 2015 7:43

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-01(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	533606		
128	41.8	38.7	58.1	
54	54.1	40.1	60.1	

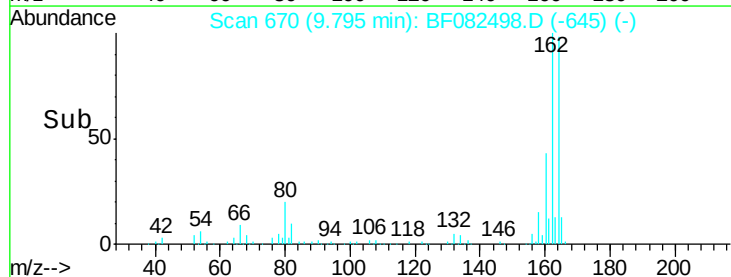
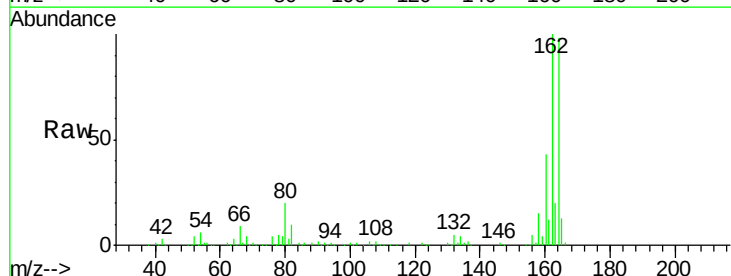
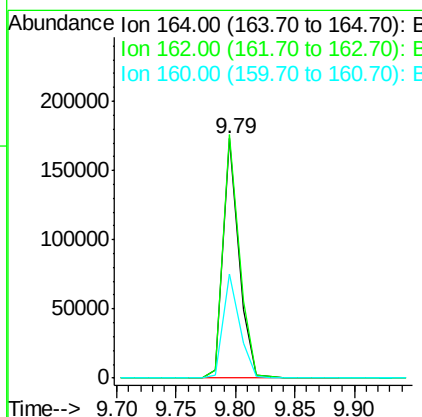
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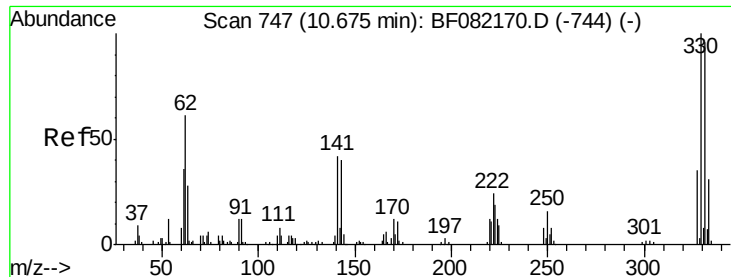
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF082498.D
 Acq: 24 Oct 2015 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	159132		
162	101.7	81.6	122.4	
160	43.2	36.4	54.6	





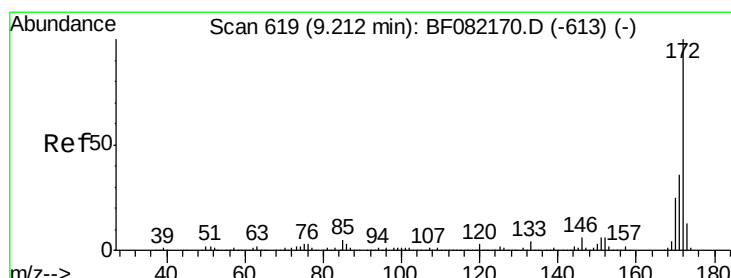
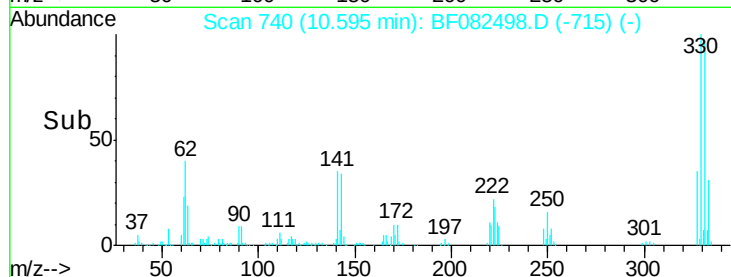
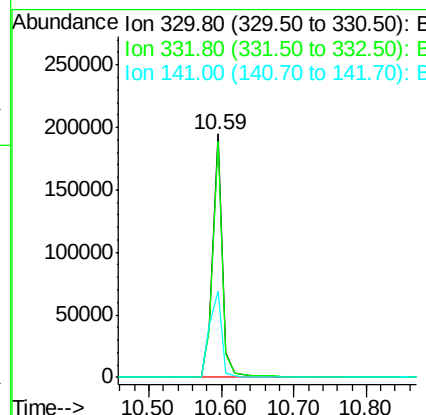
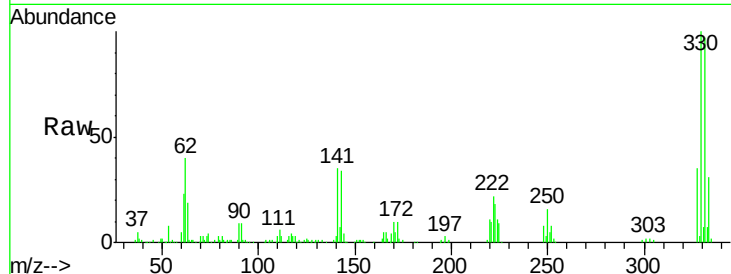
#41
 2,4,6-Tribromophenol
 Concen: 122.78 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF082498.D
 Acq: 24 Oct 2015 7:43

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-01(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	183236		
332	96.7	77.1	115.7	
141	44.6	29.8	44.8	

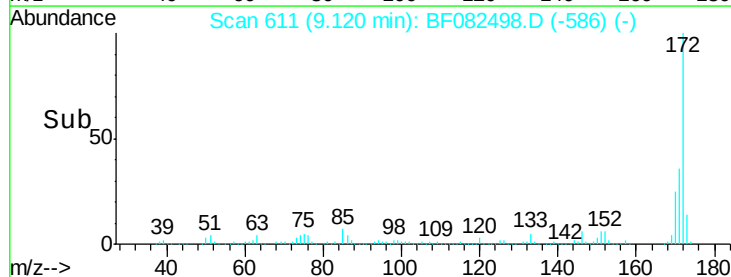
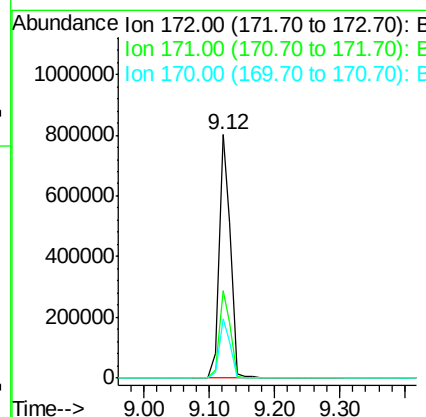
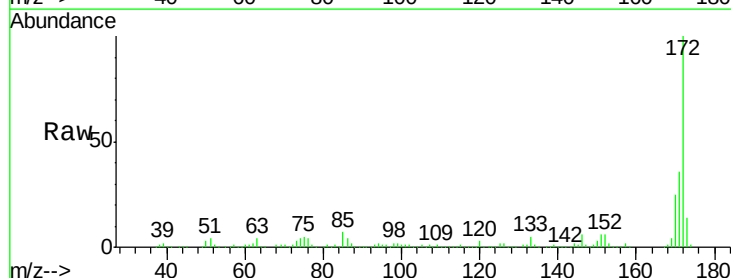
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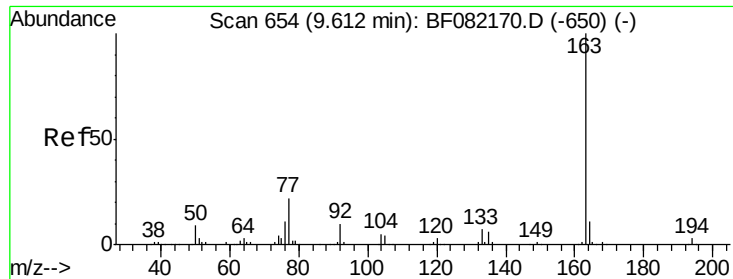
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#44
 2-Fluorobiphenyl
 Concen: 102.94 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082498.D
 Acq: 24 Oct 2015 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	987762		
171	35.9	28.6	42.8	
170	24.6	19.7	29.5	





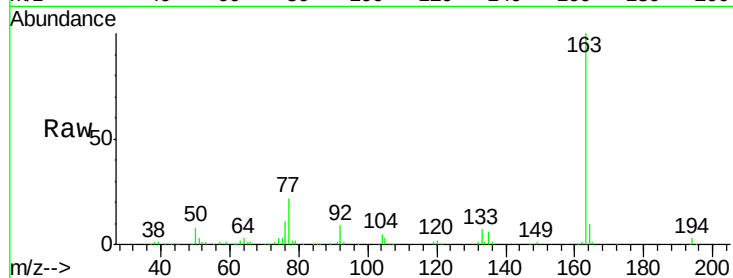
#49
Dimethylphthalate
Concen: 21.43 ng
RT: 9.52 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF082498.D
Acq: 24 Oct 2015 7:43

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

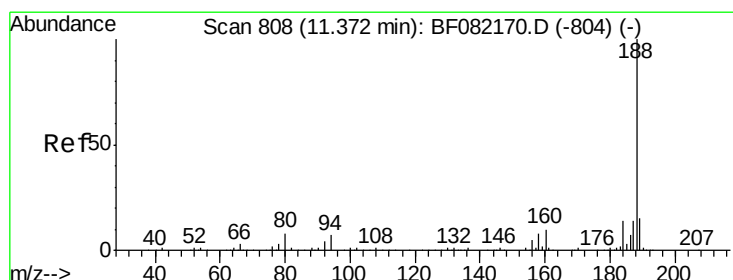
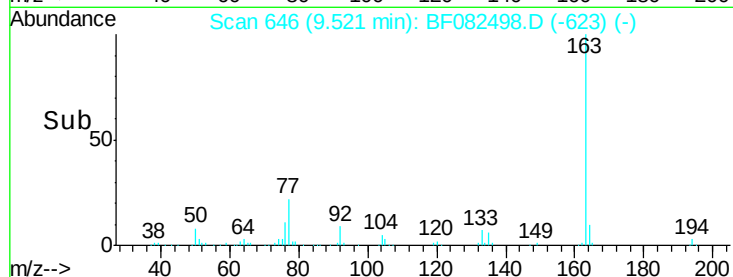
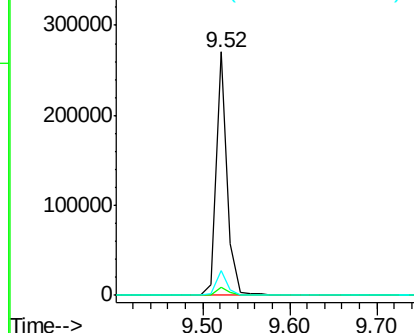
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.5	12.7

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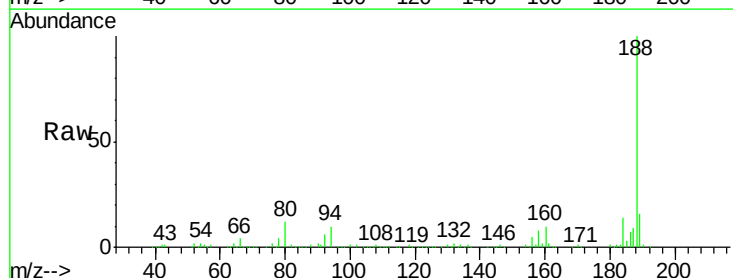


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

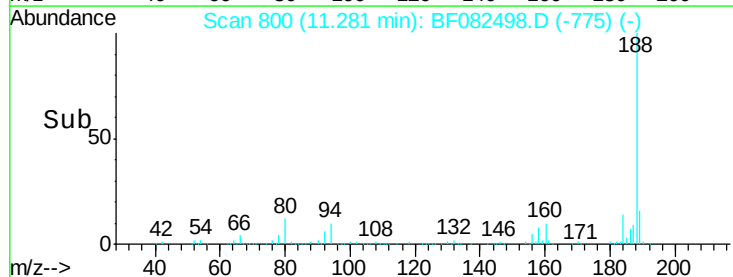
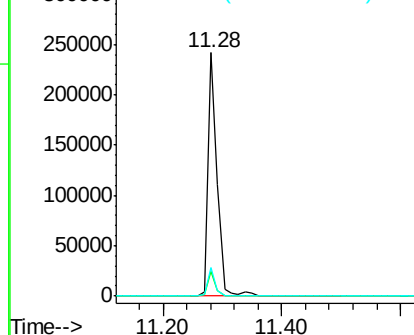


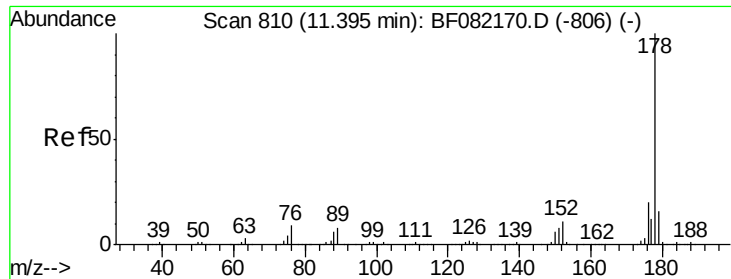
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF082498.D
Acq: 24 Oct 2015 7:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	5.8	8.6#
80	11.9	6.4	9.6#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





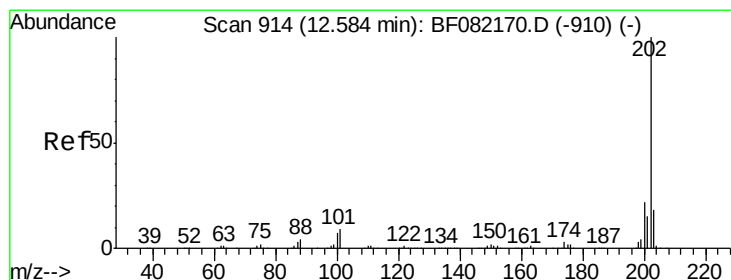
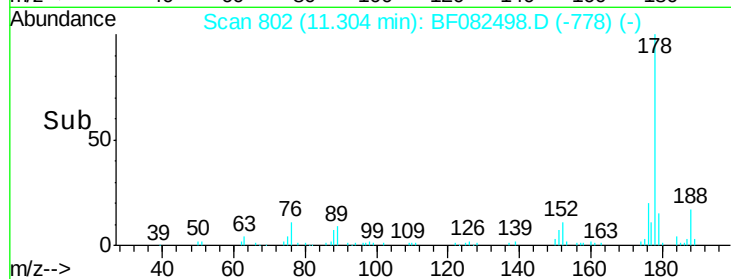
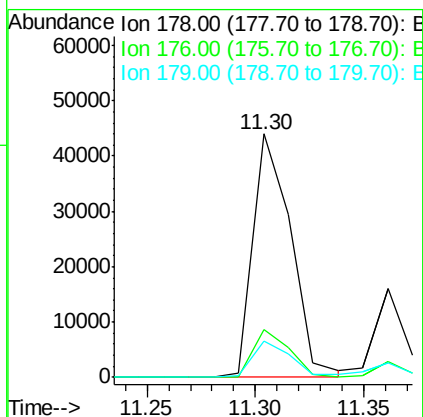
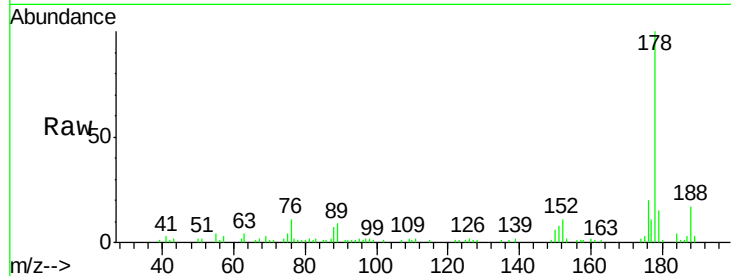
#70
Phenanthrene
Concen: 4.17 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF082498.D
Acq: 24 Oct 2015 7:43

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.1	12.6	19.0

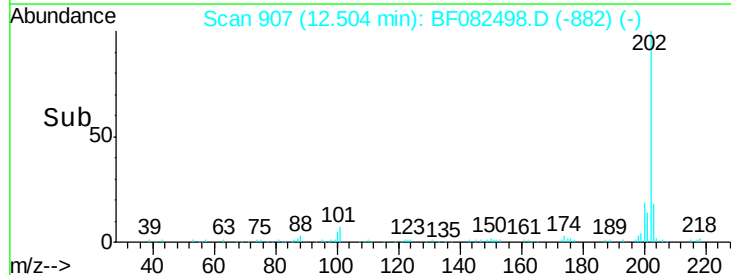
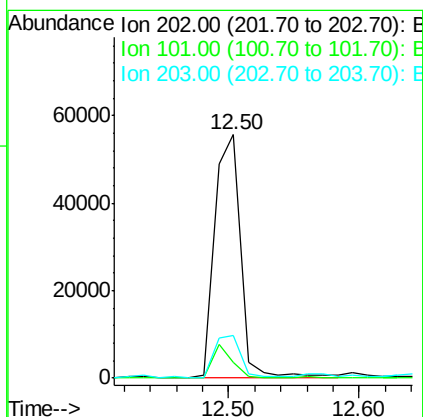
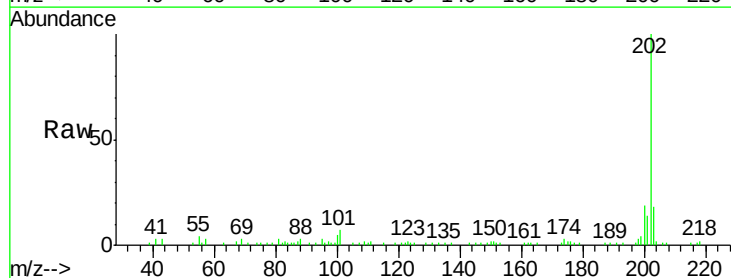
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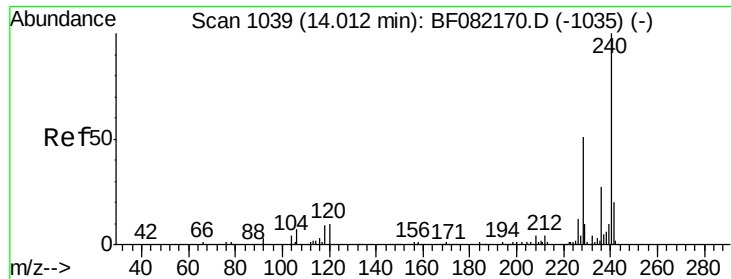
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#74
Fluoranthene
Concen: 5.62 ng
RT: 12.50 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF082498.D
Acq: 24 Oct 2015 7:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	29.3
203	17.5	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1034

Delta R.T. -0.08 min

Lab File: BF082498.D

Acq: 24 Oct 2015 7:43

Instrument :

BNA_F

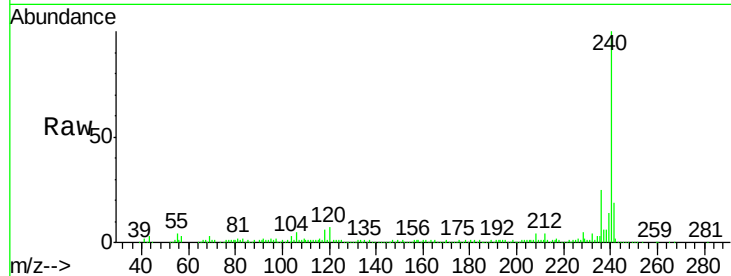
ClientSampleId :

BRIDGE-14-01(0-2)

Tgt Ion:	240	Resp:	206000
Ion Ratio	Lower	Upper	
240	100		
120	6.6	8.1	12.1#
236	25.3	21.3	31.9

Manual Integrations
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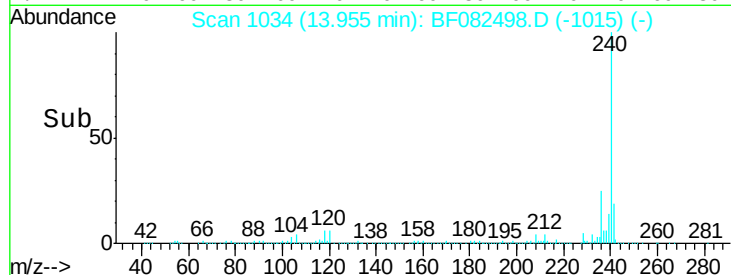


Abundance Ion 240.00 (239.70 to 240.70): E

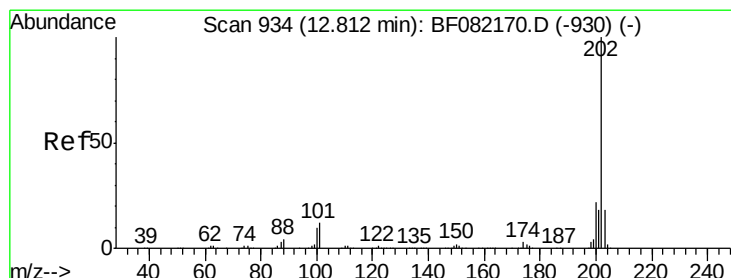
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.96



Time--> 13.80 14.00 14.20



#77

Pyrene

Concen: 5.27 ng

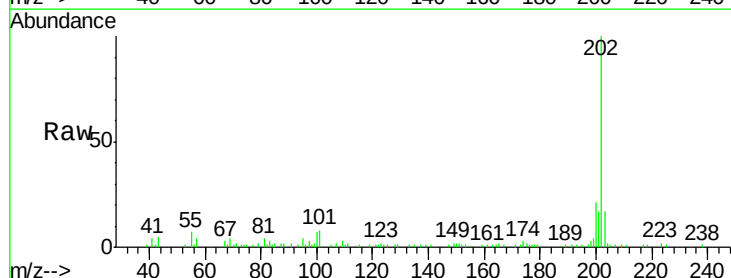
RT: 12.73 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF082498.D

Acq: 24 Oct 2015 7:43

Tgt Ion:	202	Resp:	64452
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.9	26.9
203	17.3	14.5	21.7

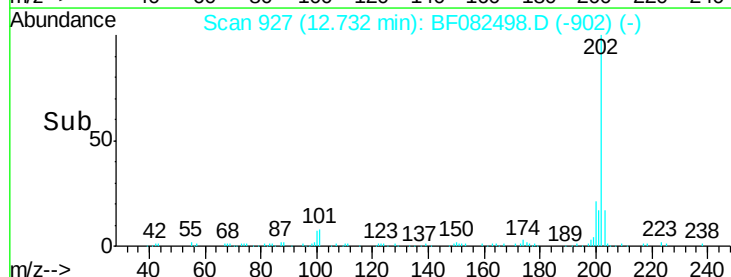


Abundance Ion 202.00 (201.70 to 202.70): E

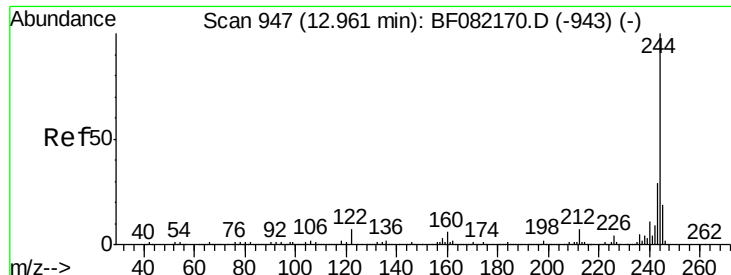
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.73



Time--> 12.70 12.80



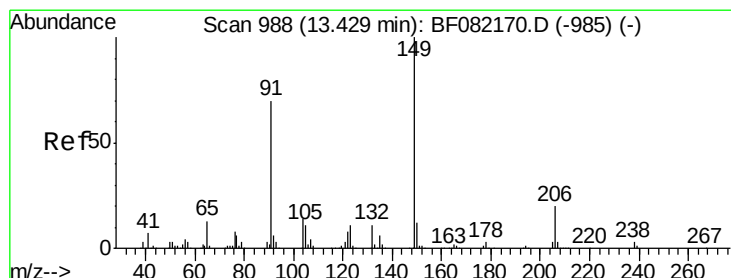
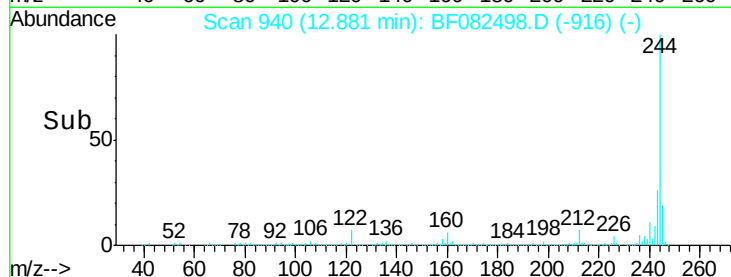
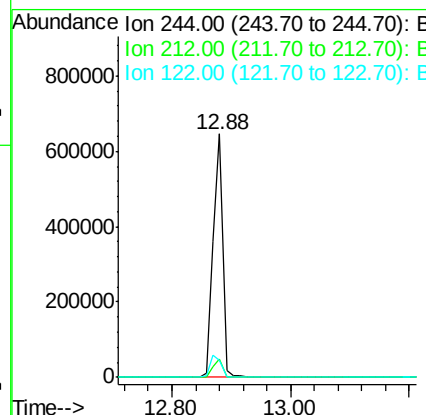
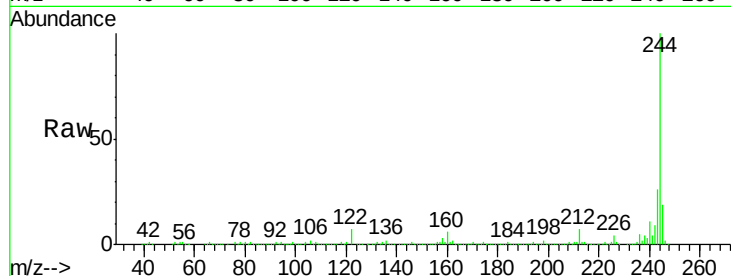
#78
 Terphenyl-d14
 Concen: 93.81 ng
 RT: 12.88 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF082498.D
 Acq: 24 Oct 2015 7:43

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-01(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	729291		
212	7.3	5.8	8.6	
122	6.8	5.9	8.9	

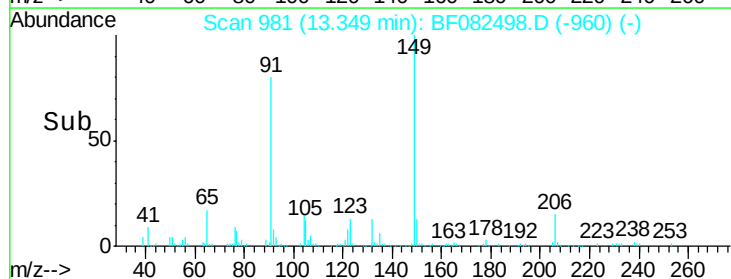
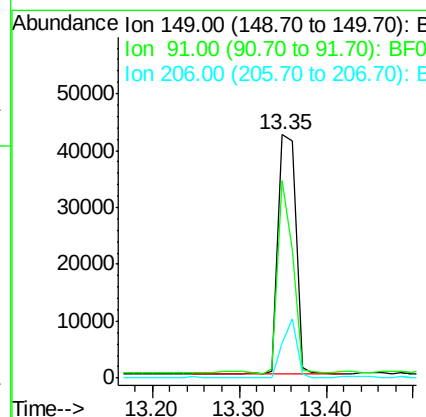
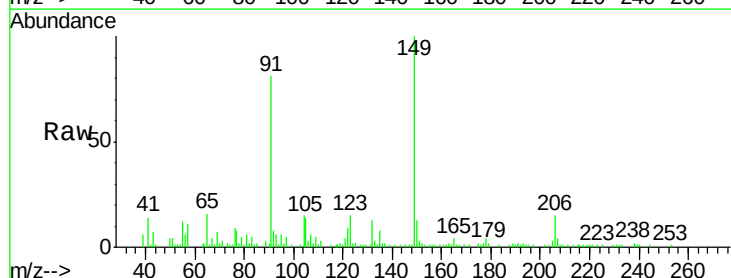
Manual Integrations
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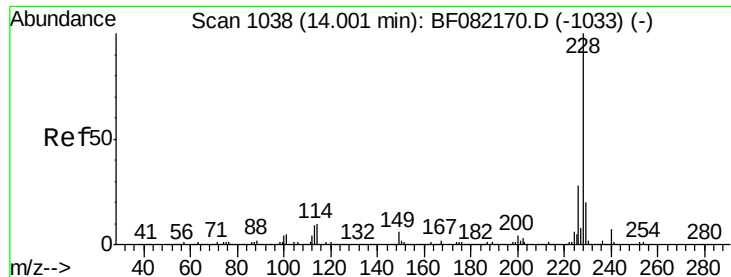
MmDadoda
 10/26/2015 7:22:49 PM



#79
 Butylbenzylphthalate
 Concen: 10.64 ng
 RT: 13.35 min Scan# 981
 Delta R.T. -0.06 min
 Lab File: BF082498.D
 Acq: 24 Oct 2015 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	59370		
91	80.9	55.7	83.5	
206	14.6	15.6	23.4	





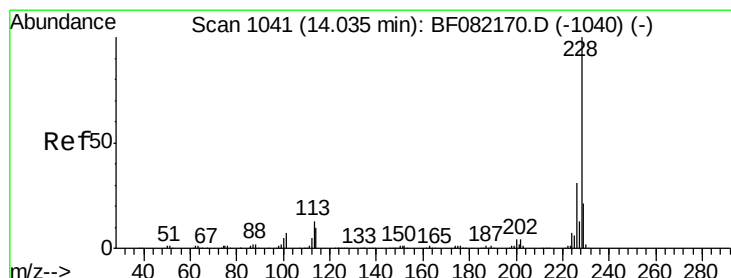
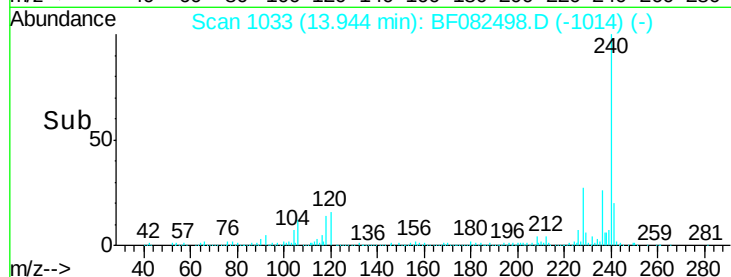
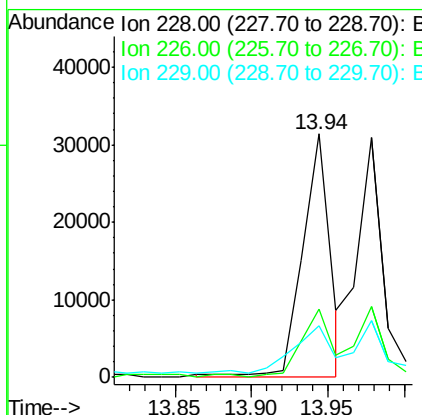
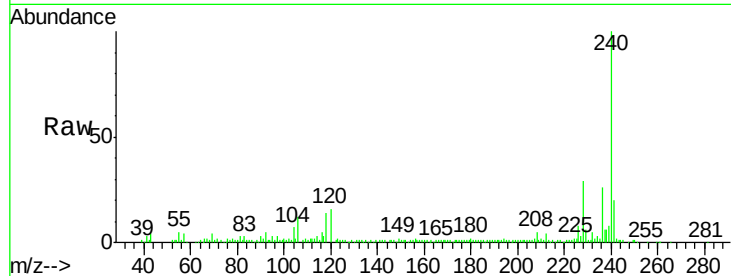
#80
Benzo(a)anthracene
Concen: 3.68 ng m
RT: 13.94 min Scan# 1033
Delta R.T. -0.08 min
Lab File: BF082498.D
Acq: 24 Oct 2015 7:43

Instrument :
BNA_F
ClientSampleId :
BRIDGE-14-01(0-2)

Tgt Ion:	228	Resp:	39495
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.3	33.5
229	21.4	16.2	24.2

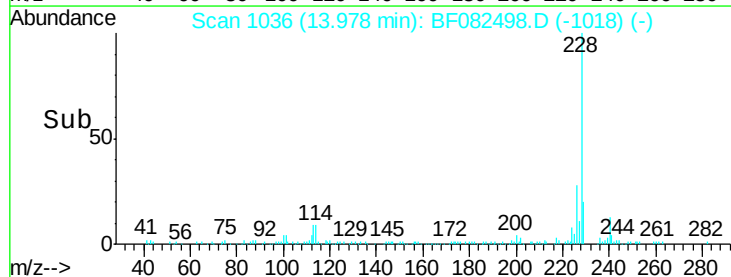
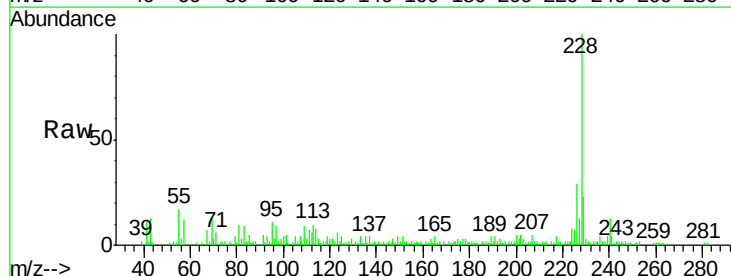
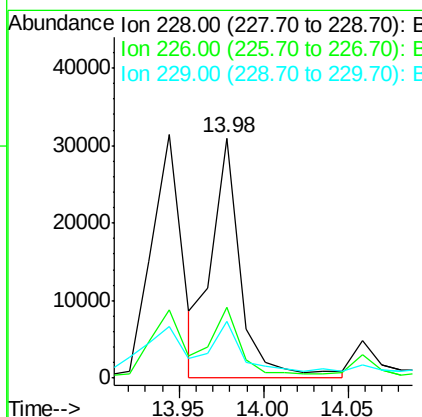
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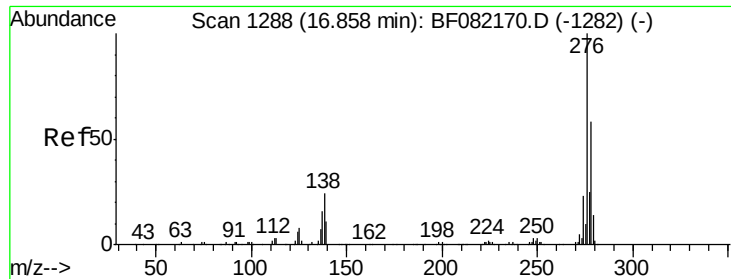
MmDadoda
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#82
Chrysene
Concen: 3.31 ng m
RT: 13.98 min Scan# 1036
Delta R.T. -0.09 min
Lab File: BF082498.D
Acq: 24 Oct 2015 7:43

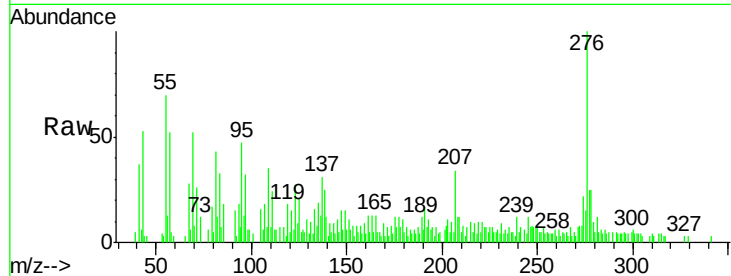
Tgt Ion:	228	Resp:	37437
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.4	36.6
229	23.4	16.3	24.5





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.27 ng
 RT: 16.84 min Scan# 1286
 Delta R.T. -0.19 min
 Lab File: BF082498.D
 Acq: 24 Oct 2015 7:43

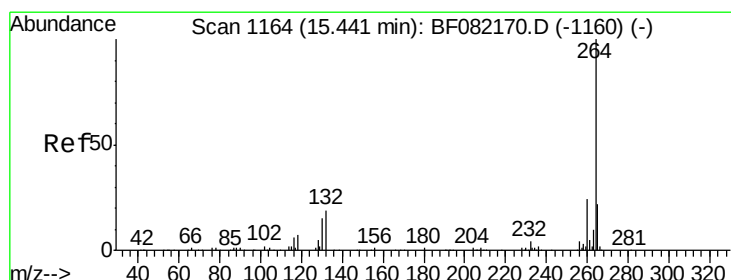
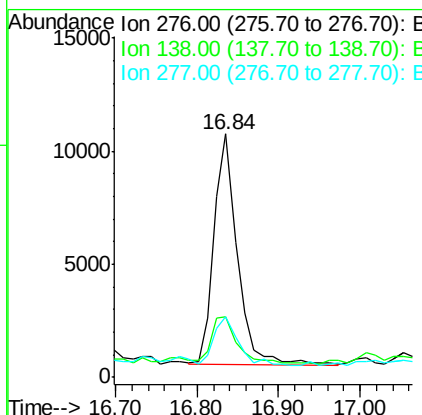
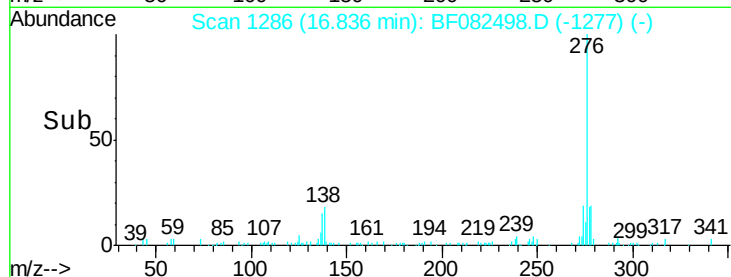
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-01(0-2)



Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	19.7	29.5
277	23.2	20.1	30.1

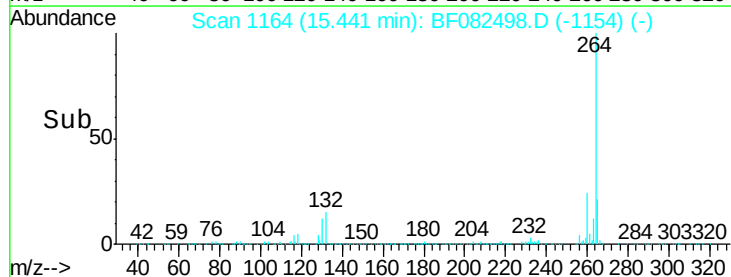
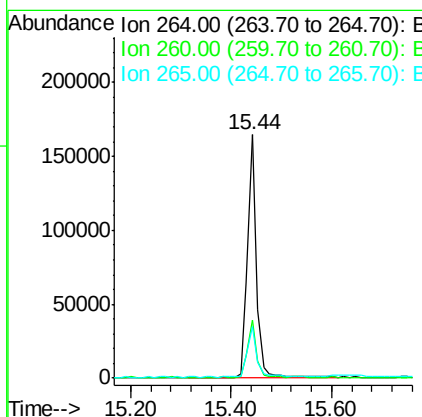
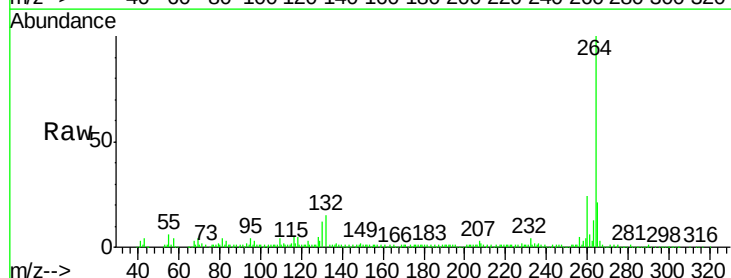
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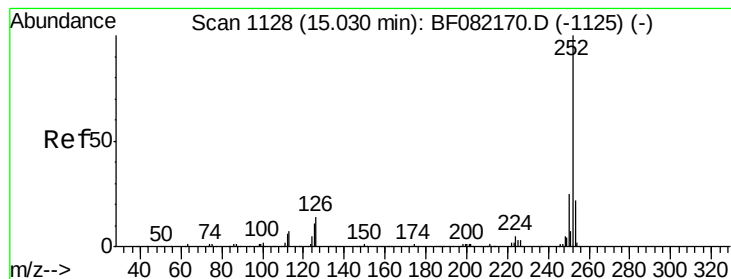
MmDadoda
 10/26/2015 7:22:49 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.18 min
 Lab File: BF082498.D
 Acq: 24 Oct 2015 7:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 4.66 ng m

RT: 15.03 min Scan# 1128

Delta R.T. -0.17 min

Lab File: BF082498.D

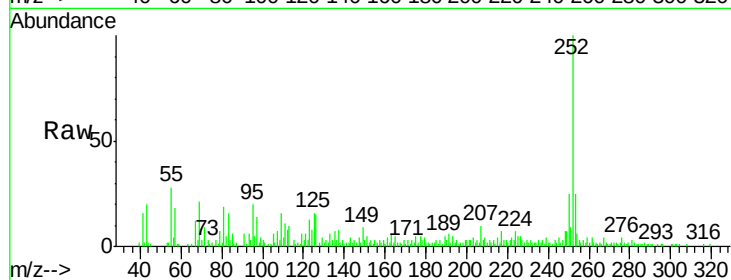
Acq: 24 Oct 2015 7:43

Instrument :

BNA_F

ClientSampleId :

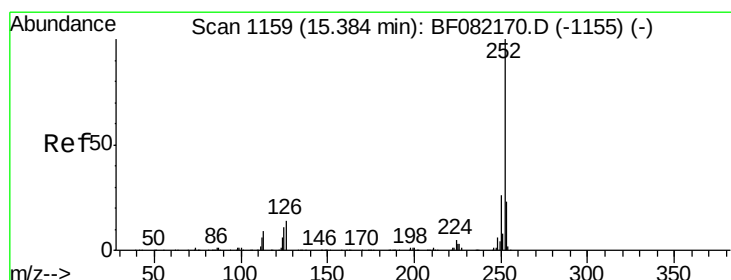
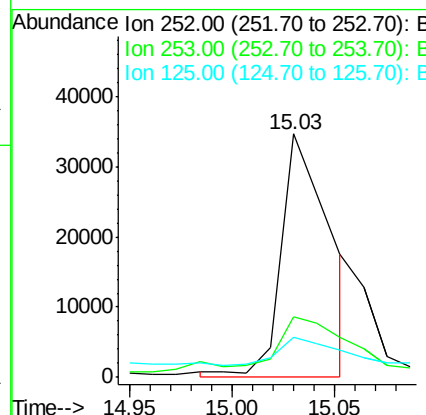
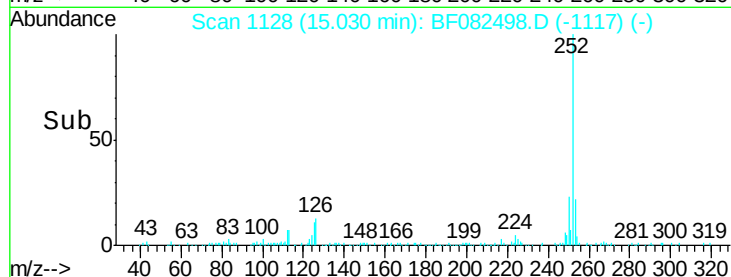
BRIDGE-14-01(0-2)



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	57575		
253	24.7	18.0	27.0	
125	16.3	8.6	12.8	

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.22 ng

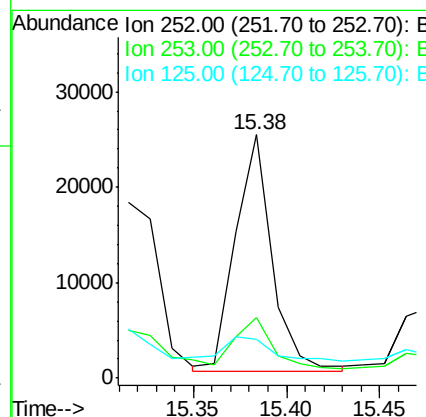
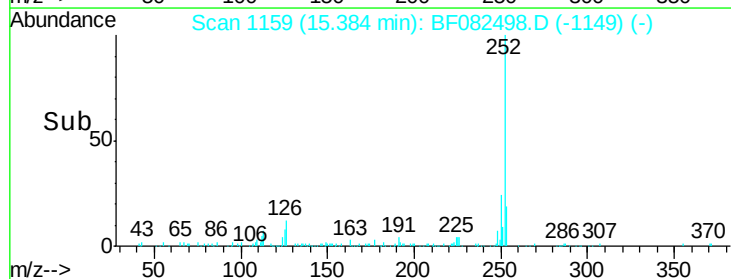
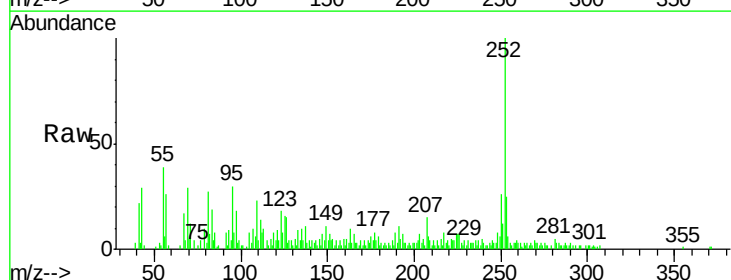
RT: 15.38 min Scan# 1159

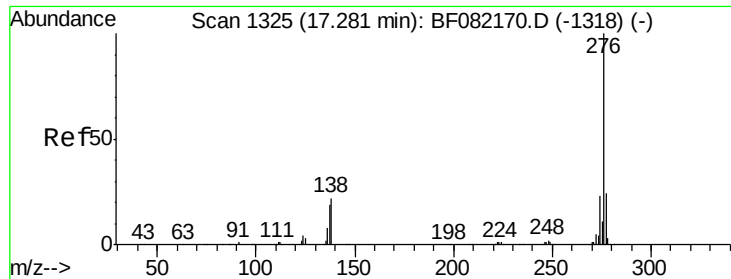
Delta R.T. -0.18 min

Lab File: BF082498.D

Acq: 24 Oct 2015 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	34228		
253	24.8	18.2	27.2	
125	15.9	8.9	13.3	





#91
 Benzo(g,h,i)perylene
 Concen: 2.54 ng
 RT: 17.26 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF082498.D
 Acq: 24 Oct 2015 7:43

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-14-01(0-2)

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	26.7	18.8	28.2	
138	22.1	17.4	26.2	

Manual Integrations
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