

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084992.D
 Acq On : 10 Feb 2016 14:48
 Operator : SJ/IZ
 Sample : H1392-05 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-7E-(0-2)B

Manual Integrations
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 2/11/2016 10:46:40 AM

Quant Time: Feb 10 16:01:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	148380	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	581414	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	237662	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	402261	20.00	ng	0.00
75) Chrysene-d12	13.77	240	309555	20.00	ng	0.00
86) Perylene-d12	15.13	264	286128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	256730	26.95	ng	0.00
7) Phenol-d6	6.27	99	308274	26.10	ng	-0.01
23) Nitrobenzene-d5	7.19	82	196226	19.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	58442	23.57	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	303621	16.17	ng	0.00
78) Terphenyl-d14	12.72	244	207597	15.20	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.39	163	65054	3.59	ng	# 90
70) Phenanthrene	11.17	178	81180	3.64	ng	# 93
74) Fluoranthene	12.34	202	133933	5.93	ng	98
77) Pyrene	12.57	202	151712	6.40	ng	98
80) Benzo(a)anthracene	13.76	228	71515	3.72	ng	94
82) Chrysene	13.79	228	62969m	3.38	ng	
85) Indeno(1,2,3-cd)pyrene	16.38	276	33961	2.32	ng	97
87) Benzo(b)fluoranthene	14.75	252	88730m	4.62	ng	
89) Benzo(a)pyrene	15.07	252	56362	3.44	ng	# 88
91) Benzo(g,h,i)perylene	16.75	276	32663	2.35	ng	# 92

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

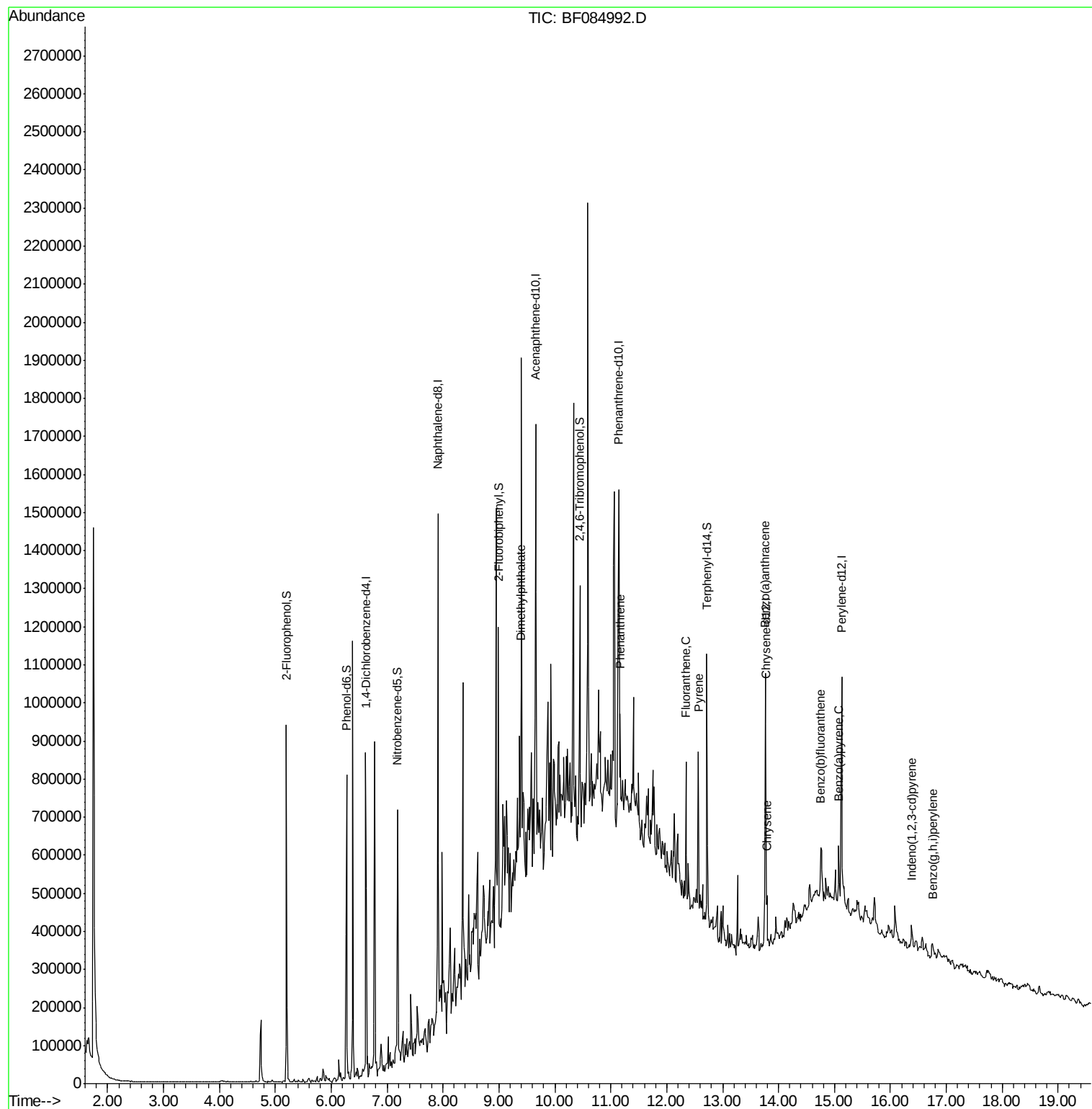
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF084992.D

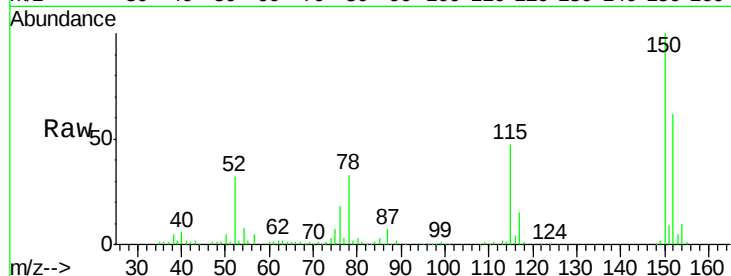
Acq: 10 Feb 2016 14:48

Instrument :

BNA_F

ClientSampleId :

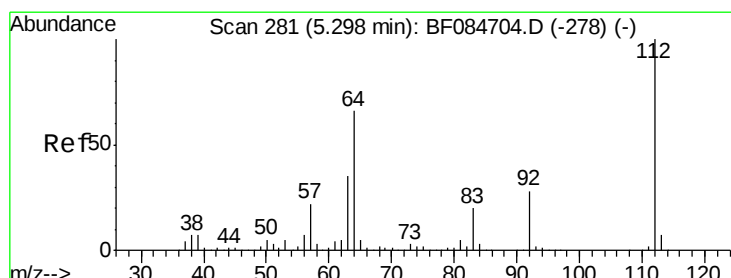
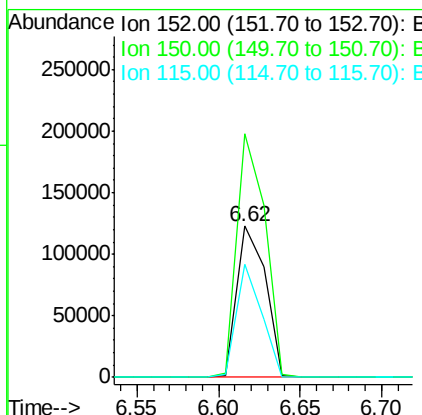
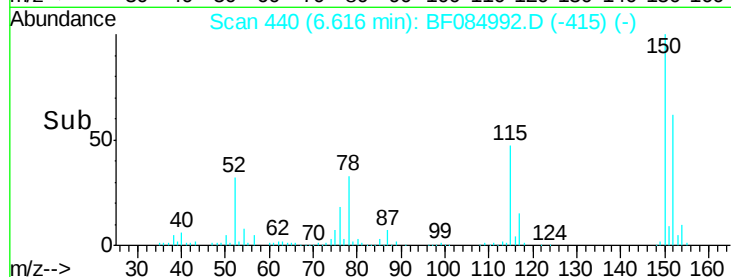
STOCKPILE-7E-(0-2)B



Tgt Ion:	152	Resp:	148380
Ion Ratio	Lower	Upper	
152	100		
150	161.4	123.0	184.4
115	75.3	51.4	77.2

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#5

2-Fluorophenol

Concen: 26.95 ng

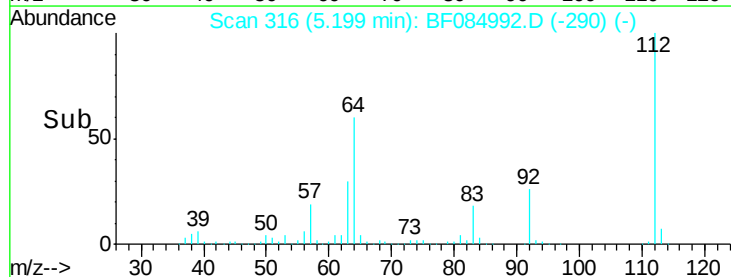
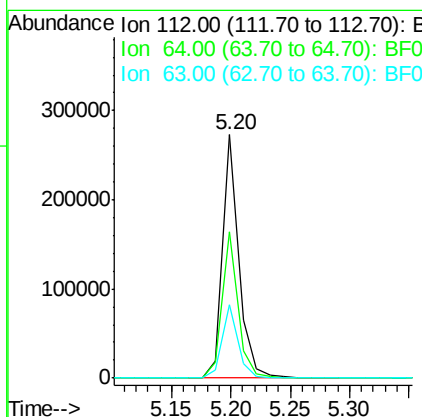
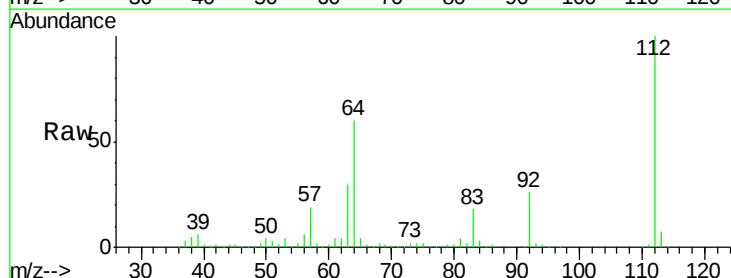
RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF084992.D

Acq: 10 Feb 2016 14:48

Tgt Ion:	112	Resp:	256730
Ion Ratio	Lower	Upper	
112	100		
64	59.9	36.6	55.0#
63	30.3	19.4	29.0#





#7

Phenol-d6

Concen: 26.10 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF084992.D

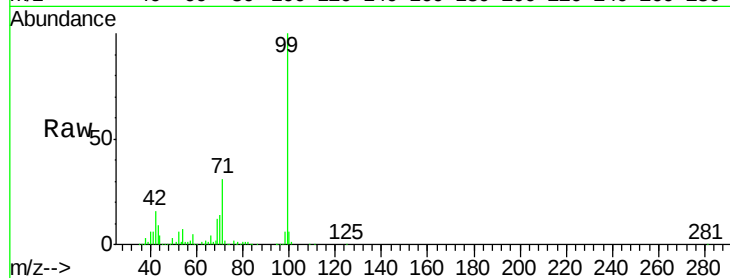
Acq: 10 Feb 2016 14:48

Instrument :

BNA_F

ClientSampleId :

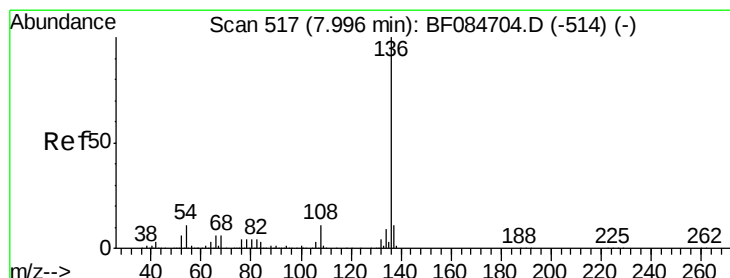
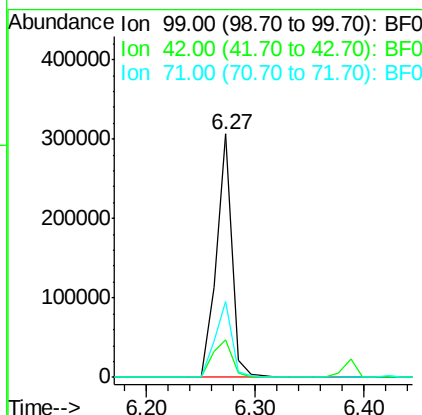
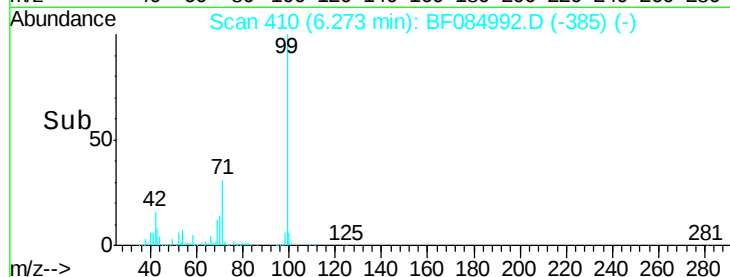
STOCKPILE-7E-(0-2)B



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		308274		
42	15.6	12.8	19.2		
71	31.2	30.9	46.3		

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#21

Naphthalene-d8

Concen: 20.00 ng

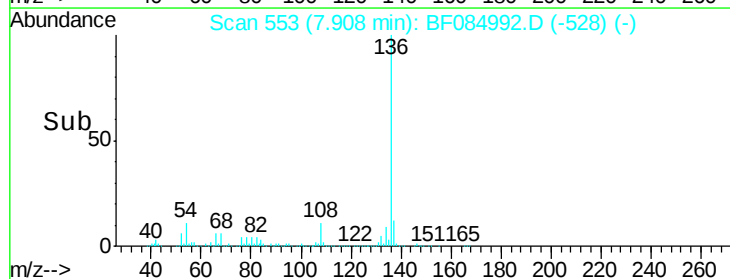
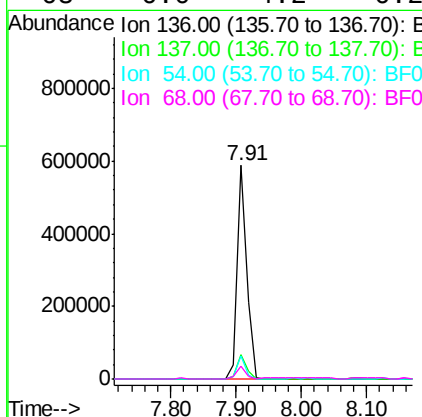
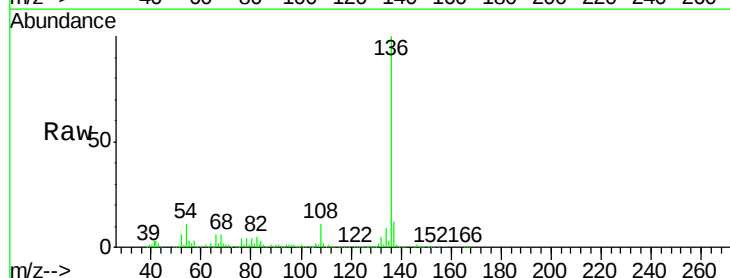
RT: 7.91 min Scan# 553

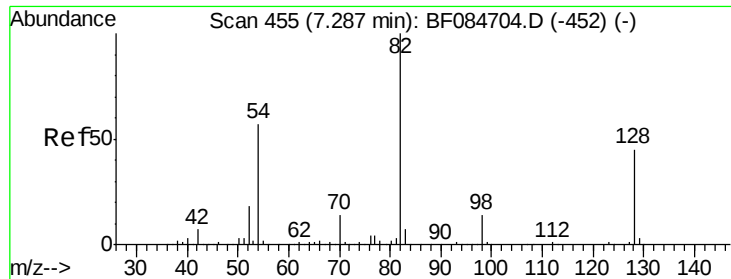
Delta R.T. -0.01 min

Lab File: BF084992.D

Acq: 10 Feb 2016 14:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		581414		
137	11.7	8.7	13.1		
54	11.0	5.8	8.8#		
68	6.0	4.2	6.2		





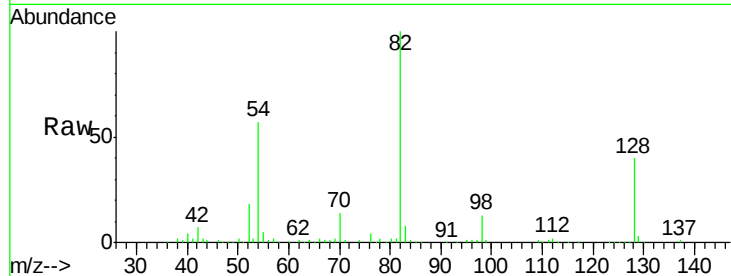
#23
Nitrobenzene-d5
Concen: 19.01 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF084992.D
Acq: 10 Feb 2016 14:48

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-7E-(0-2)B

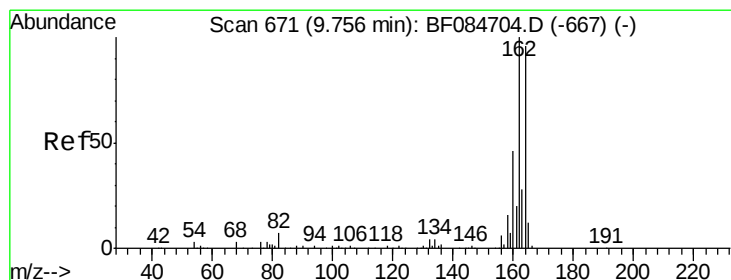
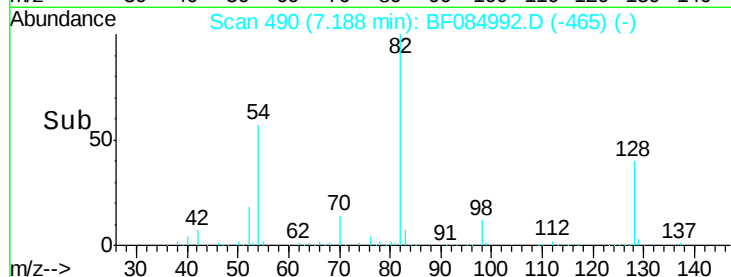
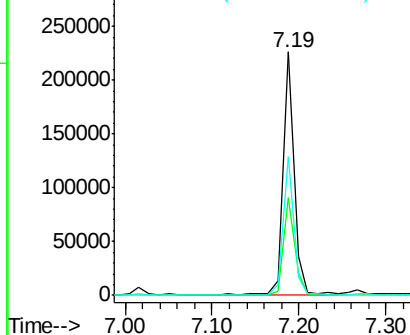
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	196226		
128	39.9	34.6	51.8	
54	57.0	38.4	57.6	

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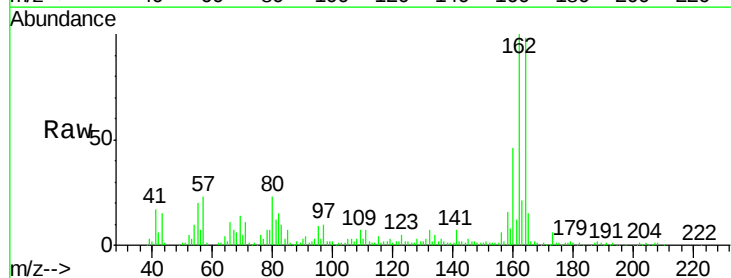


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

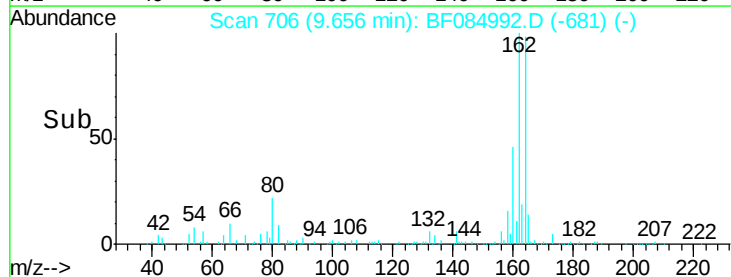
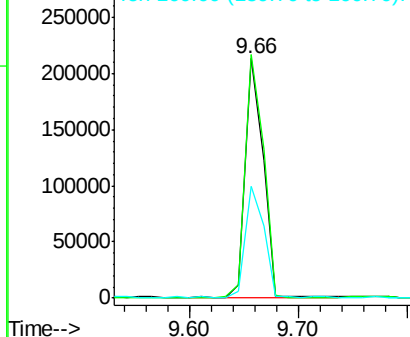


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF084992.D
Acq: 10 Feb 2016 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	237662		
162	101.8	85.1	127.7	
160	46.8	37.5	56.3	



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





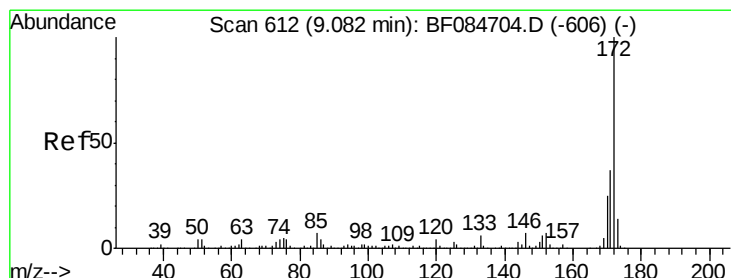
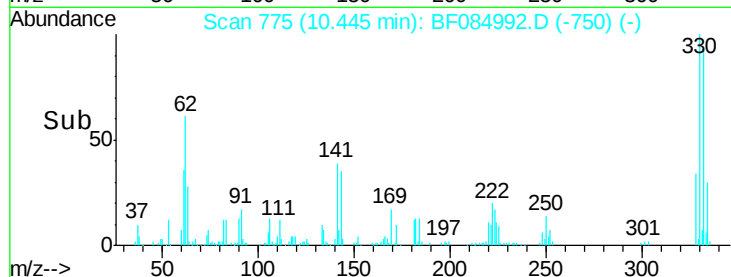
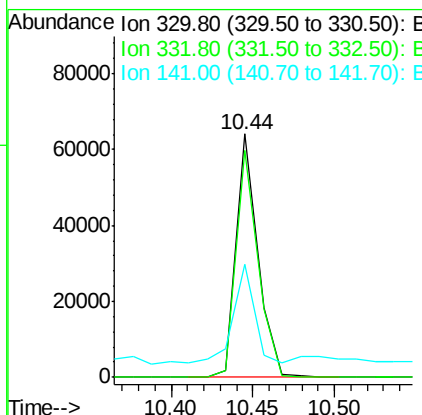
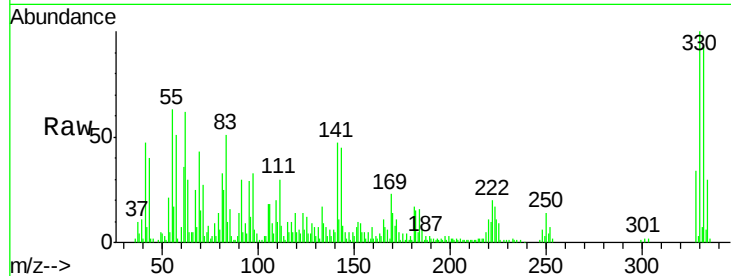
#41
 2,4,6-Tribromophenol
 Concen: 23.57 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF084992.D
 Acq: 10 Feb 2016 14:48

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-7E-(0-2)B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.6	114.8
141	37.8	27.8	41.6

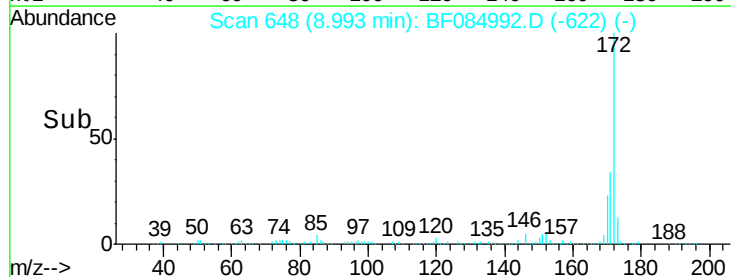
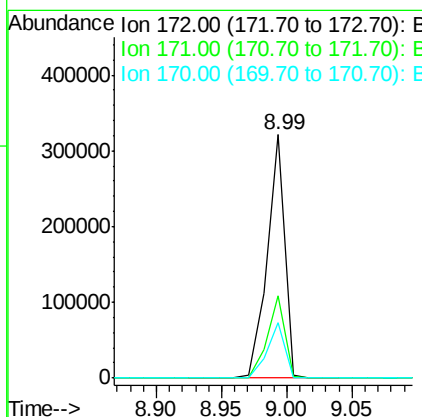
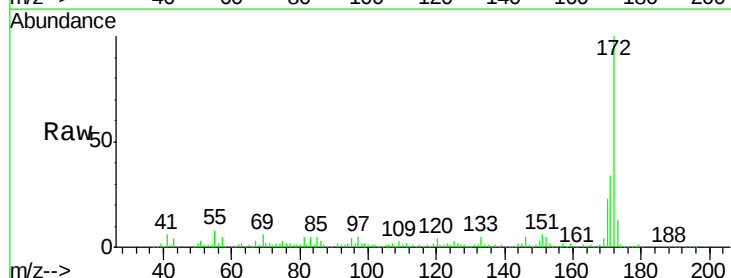
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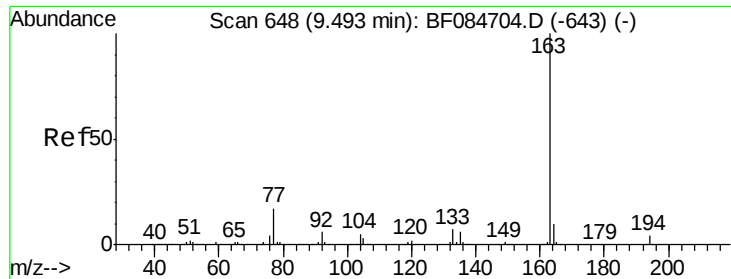
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#44
 2-Fluorobiphenyl
 Concen: 16.17 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF084992.D
 Acq: 10 Feb 2016 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.9	43.3
170	22.8	18.6	27.8





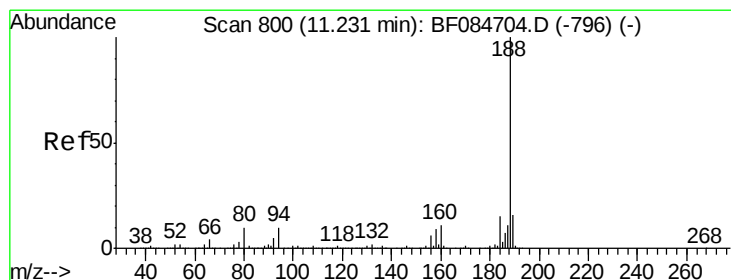
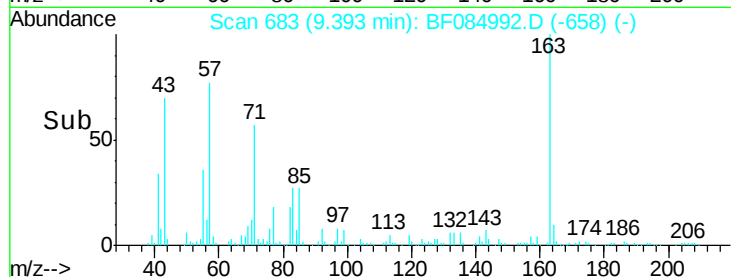
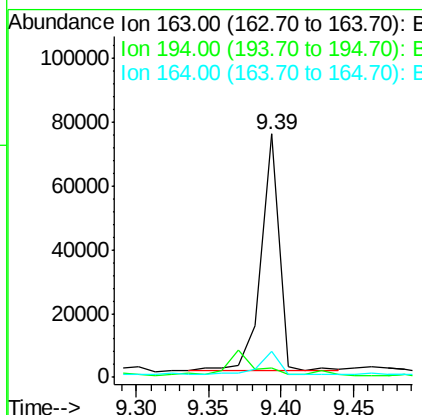
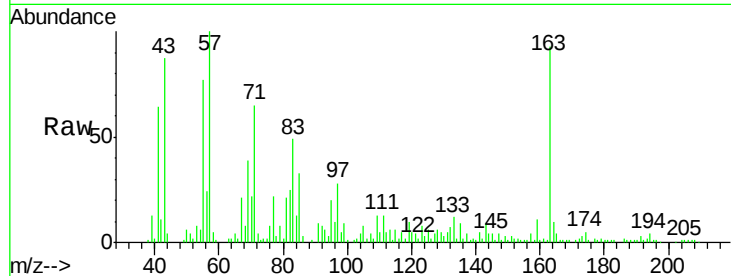
#49
Dimethylphthalate
Concen: 3.59 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084992.D
Acq: 10 Feb 2016 14:48

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-7E-(0-2)B

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	65054		
194	3.8	8.0	12.0#	
164	10.9	8.0	12.0	

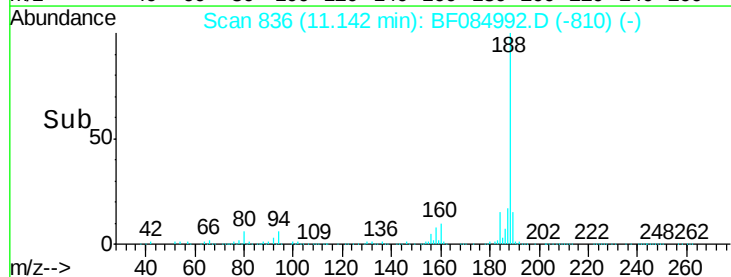
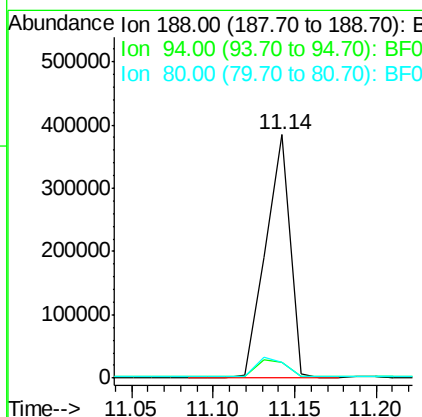
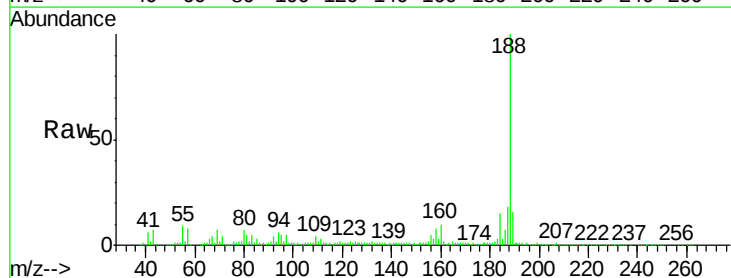
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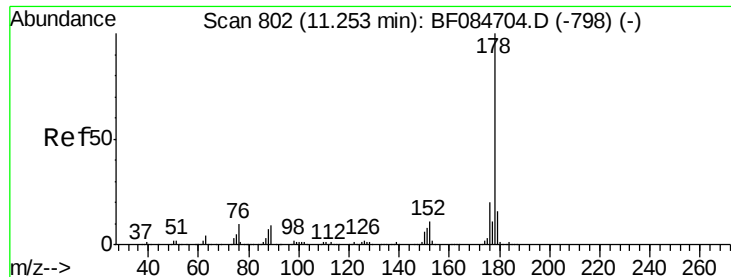
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF084992.D
Acq: 10 Feb 2016 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	402261		
94	6.5	9.0	13.4#	
80	6.6	9.6	14.4#	





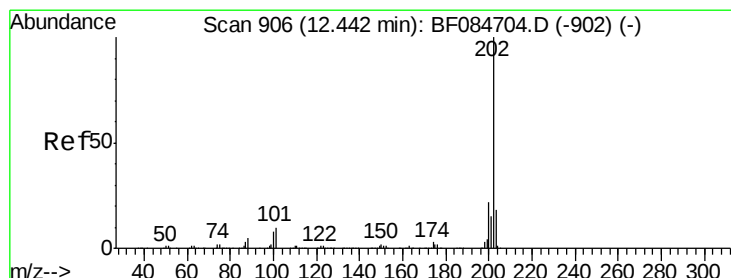
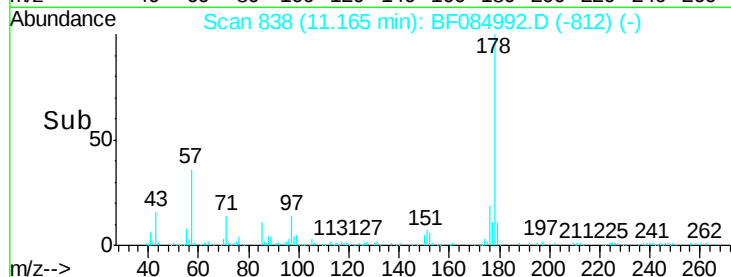
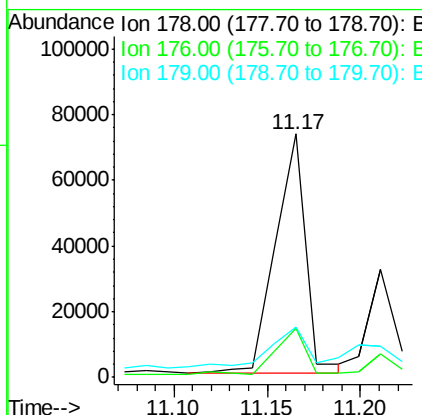
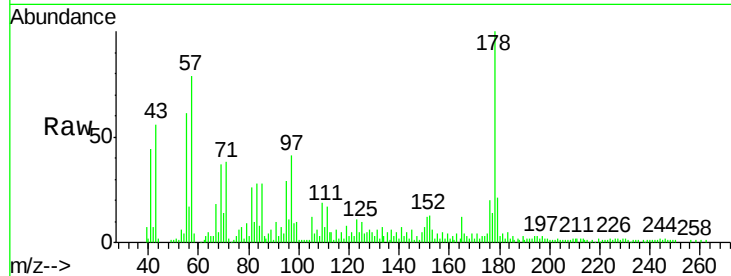
#70
Phenanthrene
Concen: 3.64 ng
RT: 11.17 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF084992.D
Acq: 10 Feb 2016 14:48

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.3	22.9
179	20.8	12.0	18.0

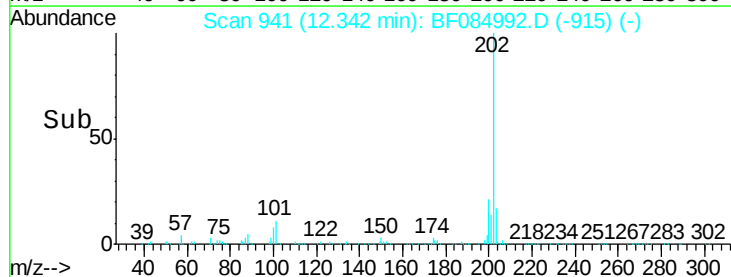
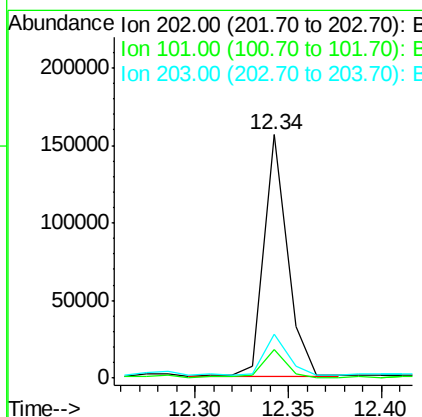
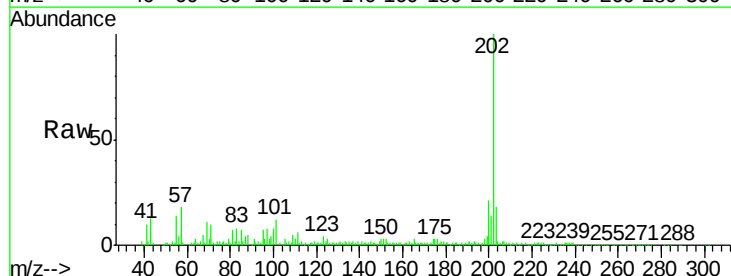
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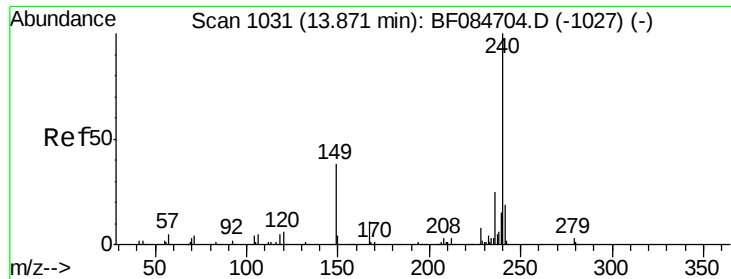
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#74
Fluoranthene
Concen: 5.93 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF084992.D
Acq: 10 Feb 2016 14:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.8
203	18.2	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF084992.D

Acq: 10 Feb 2016 14:48

Instrument :

BNA_F

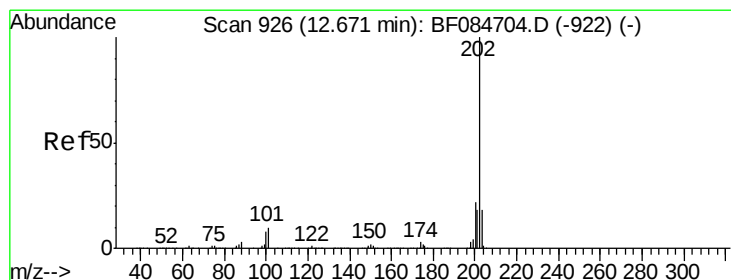
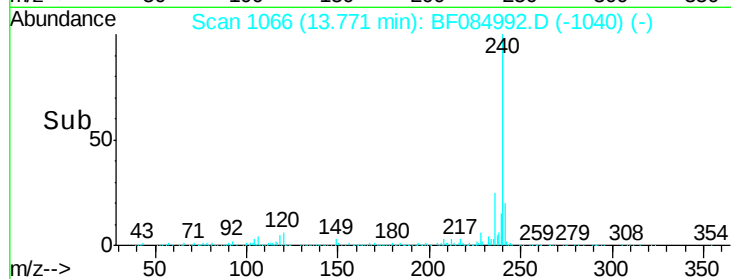
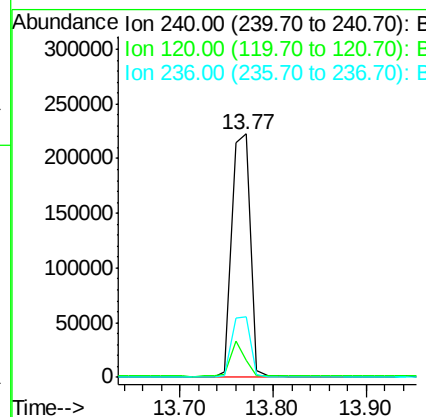
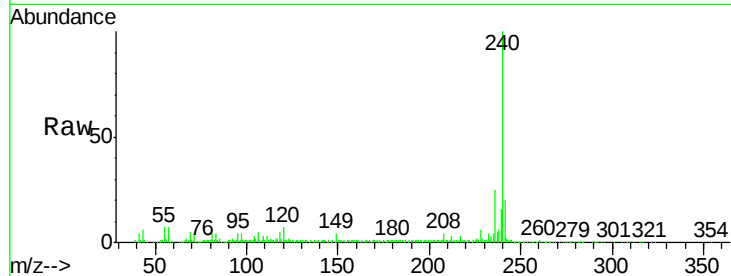
ClientSampleId :

STOCKPILE-7E-(0-2)B

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	309555		
120	6.8	9.5	14.3	
236	25.0	20.6	31.0	

Manual Integrations
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#77

Pyrene

Concen: 6.40 ng

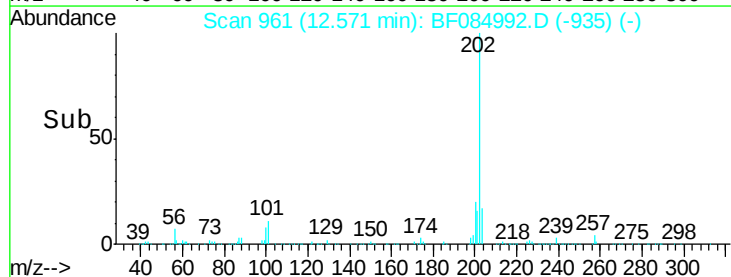
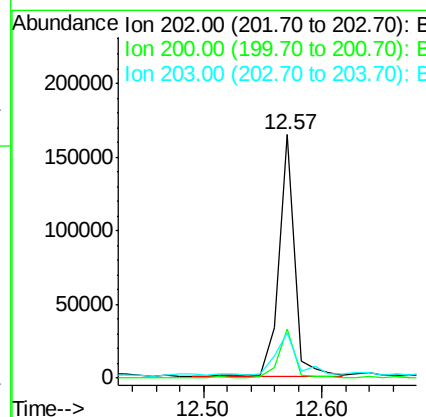
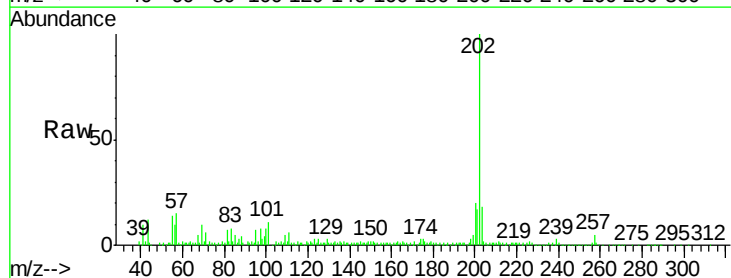
RT: 12.57 min Scan# 961

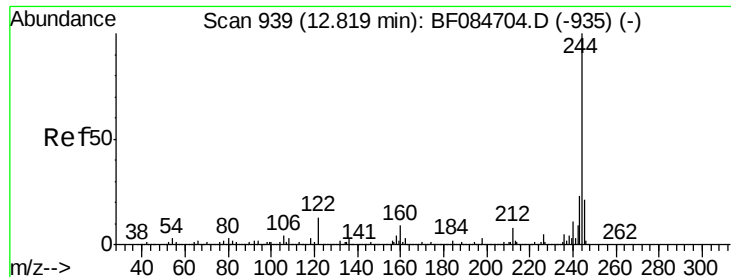
Delta R.T. 0.00 min

Lab File: BF084992.D

Acq: 10 Feb 2016 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	151712		
200	20.1	17.2	25.8	
203	18.3	14.3	21.5	





#78

Terphenyl-d14

Concen: 15.20 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF084992.D

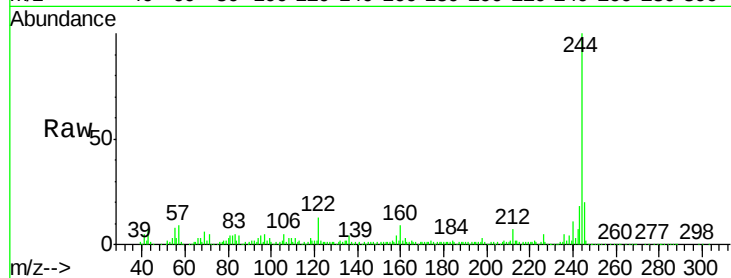
Acq: 10 Feb 2016 14:48

Instrument :

BNA_F

ClientSampleId :

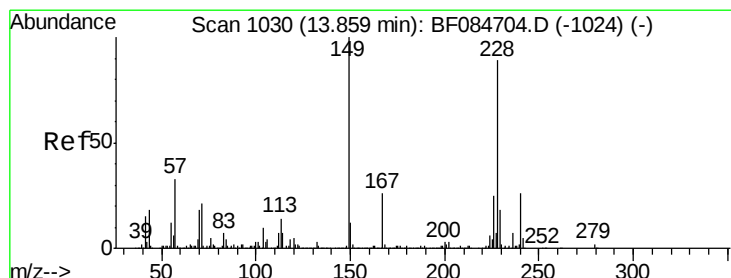
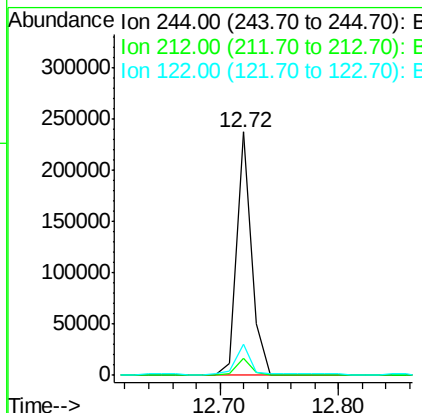
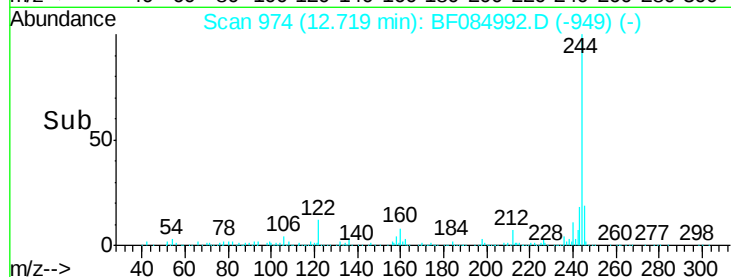
STOCKPILE-7E-(0-2)B



Tgt Ion	Ratio	Resp	Lower	Upper
244	100	207597		
212	7.2	5.7	8.5	
122	12.8	7.4	11.0	

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#80

Benzo(a)anthracene

Concen: 3.72 ng

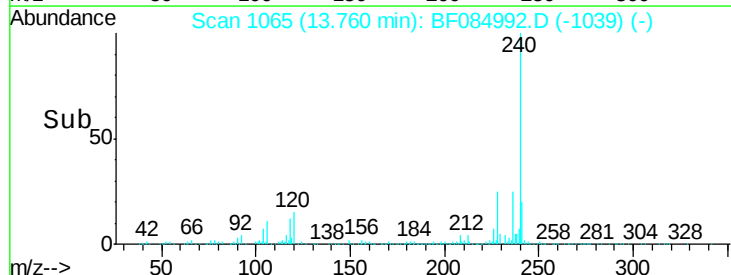
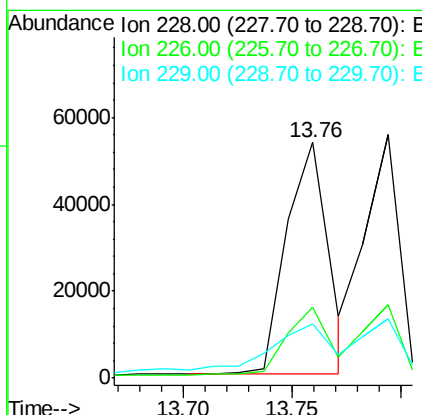
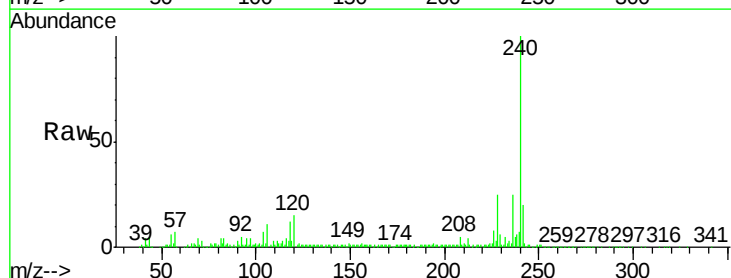
RT: 13.76 min Scan# 1065

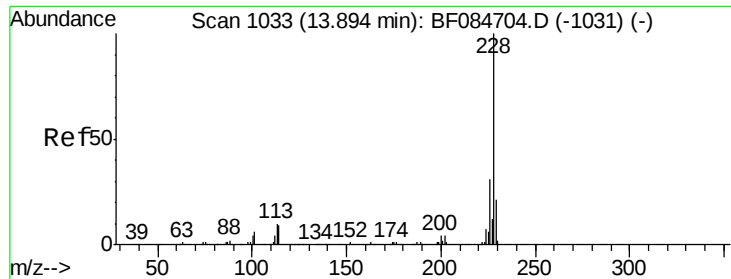
Delta R.T. 0.00 min

Lab File: BF084992.D

Acq: 10 Feb 2016 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	71515		
226	29.9	21.8	32.6	
229	22.9	15.8	23.8	





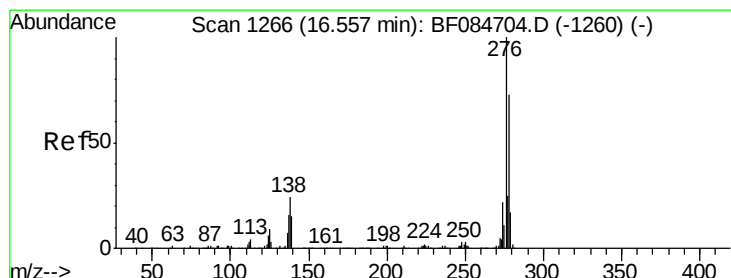
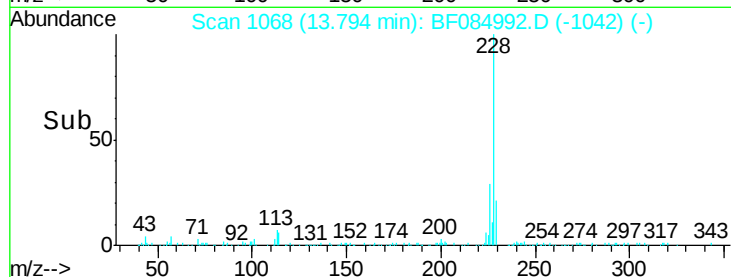
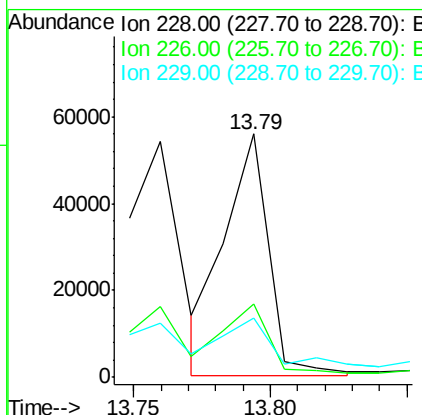
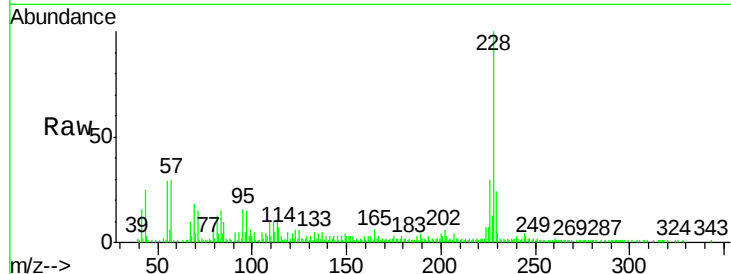
#82
Chrysene
Concen: 3.38 ng m
RT: 13.79 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF084992.D
Acq: 10 Feb 2016 14:48

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-7E-(0-2)B

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	24.2	16.1	24.1

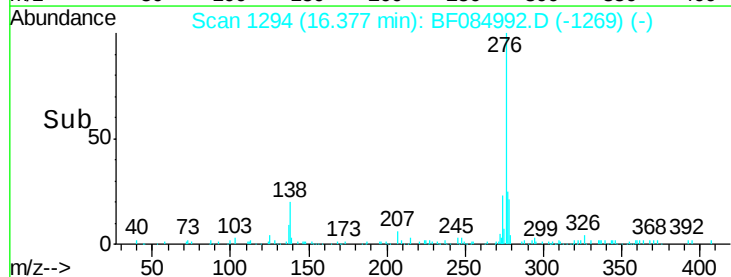
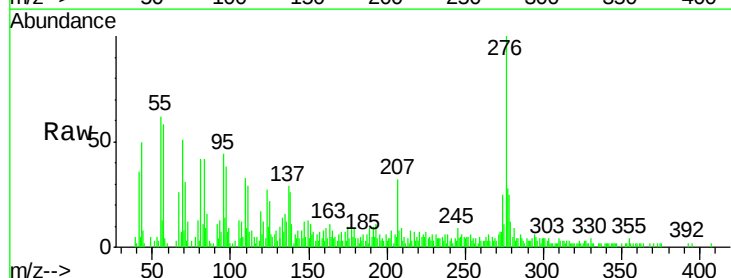
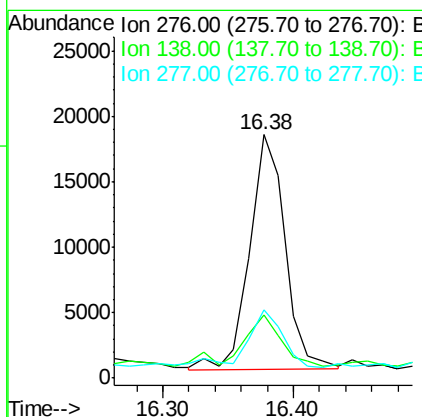
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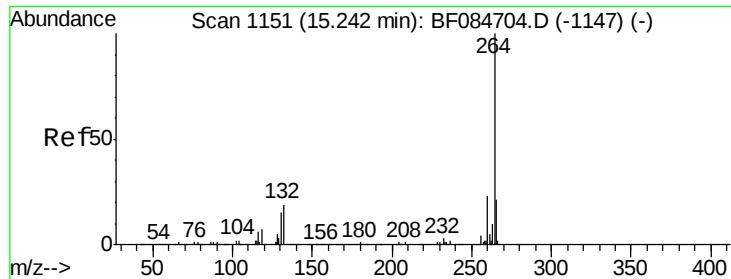
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.32 ng
RT: 16.38 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF084992.D
Acq: 10 Feb 2016 14:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.6	30.8
277	26.2	20.1	30.1





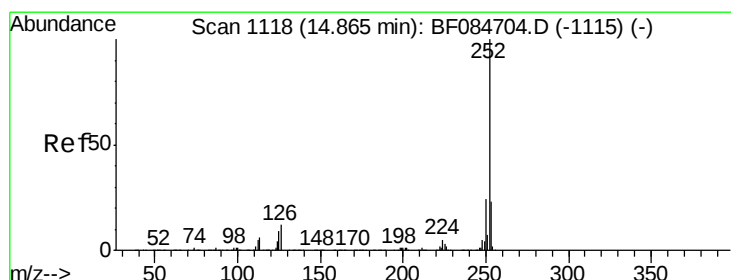
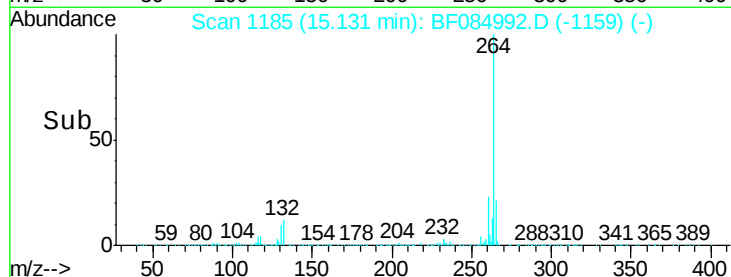
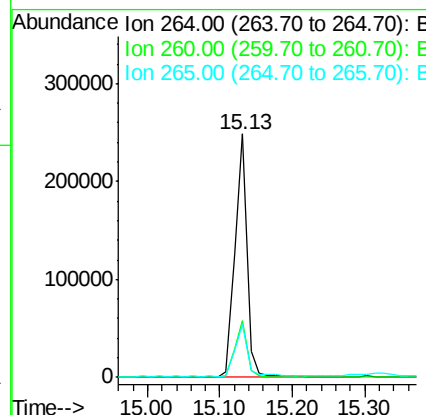
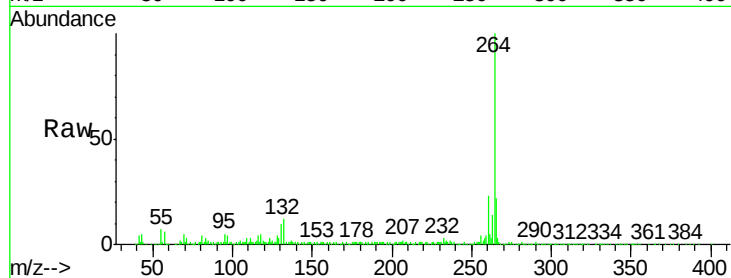
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF084992.D
Acq: 10 Feb 2016 14:48

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-7E-(0-2)B

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	286128		
260	23.4	19.4	29.2	
265	21.5	17.8	26.6	

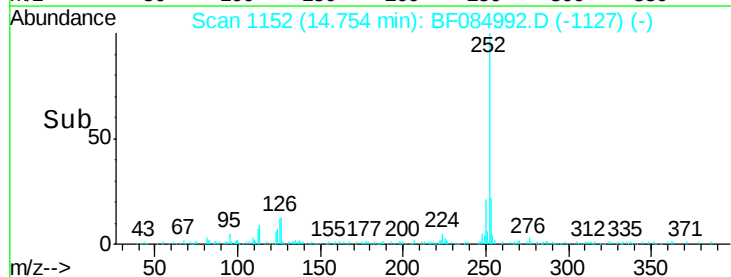
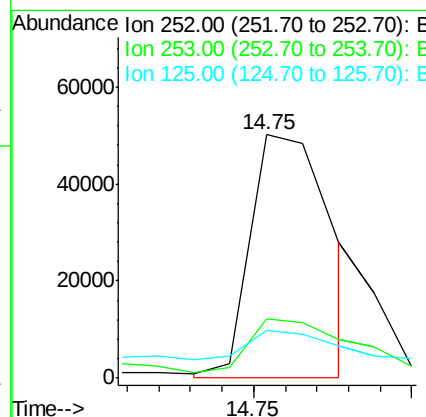
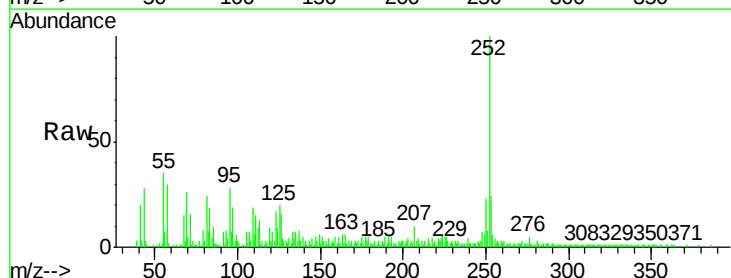
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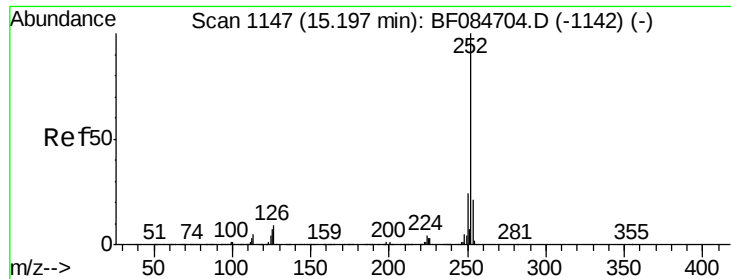
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#87
Benzo(b)fluoranthene
Concen: 4.62 ng m
RT: 14.75 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF084992.D
Acq: 10 Feb 2016 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	88730		
253	24.5	17.3	25.9	
125	19.6	6.5	9.7#	





#89

Benzo(a)pyrene

Concen: 3.44 ng

RT: 15.07 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF084992.D

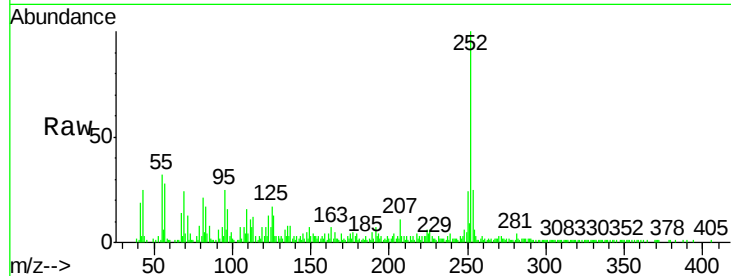
Acq: 10 Feb 2016 14:48

Instrument :

BNA_F

ClientSampleId :

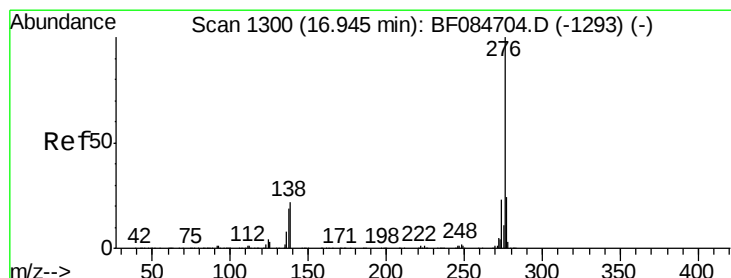
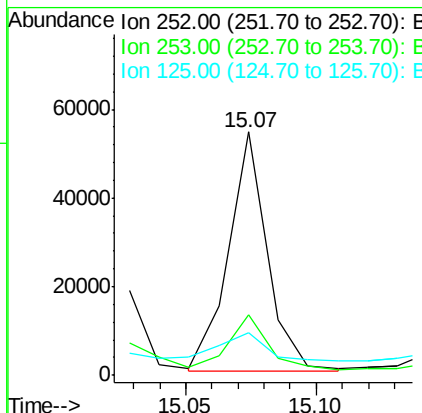
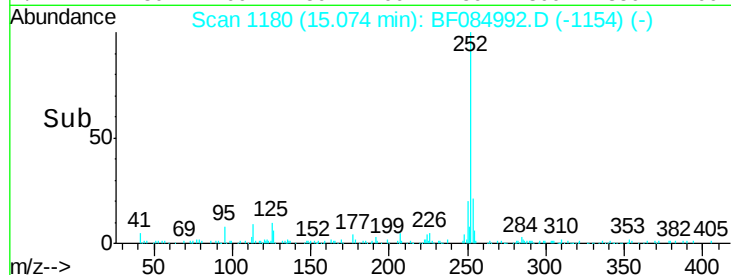
STOCKPILE-7E-(0-2)B



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.3	25.9
125	17.4	7.0	10.4

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 2.35 ng

RT: 16.75 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF084992.D

Acq: 10 Feb 2016 14:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.8	28.2
138	28.3	17.8	26.6

