

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084991.D
 Acq On : 10 Feb 2016 14:20
 Operator : SJ/IZ
 Sample : H1392-03 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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 2/11/2016 10:46:38 AM

Quant Time: Feb 10 15:49:51 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	149053	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	582480	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	239502	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	401419	20.00	ng	0.00
75) Chrysene-d12	13.76	240	299635	20.00	ng	-0.01
86) Perylene-d12	15.13	264	275257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	250716	26.20	ng	0.00
7) Phenol-d6	6.27	99	307834	25.95	ng	-0.01
23) Nitrobenzene-d5	7.19	82	188106	18.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	56678	22.69	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	298991	15.76	ng	0.00
78) Terphenyl-d14	12.72	244	207089	15.66	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	56628	3.10	ng	# 92
74) Fluoranthene	12.34	202	79347	3.52	ng	96
77) Pyrene	12.57	202	91346	3.98	ng	99
80) Benzo(a)anthracene	13.76	228	46407	2.50	ng	# 86
82) Chrysene	13.79	228	41033m	2.28	ng	
87) Benzo(b)fluoranthene	14.75	252	68728m	3.72	ng	
89) Benzo(a)pyrene	15.07	252	40248	2.55	ng	# 84
91) Benzo(g,h,i)perylene	16.75	276	28640	2.14	ng	# 89

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

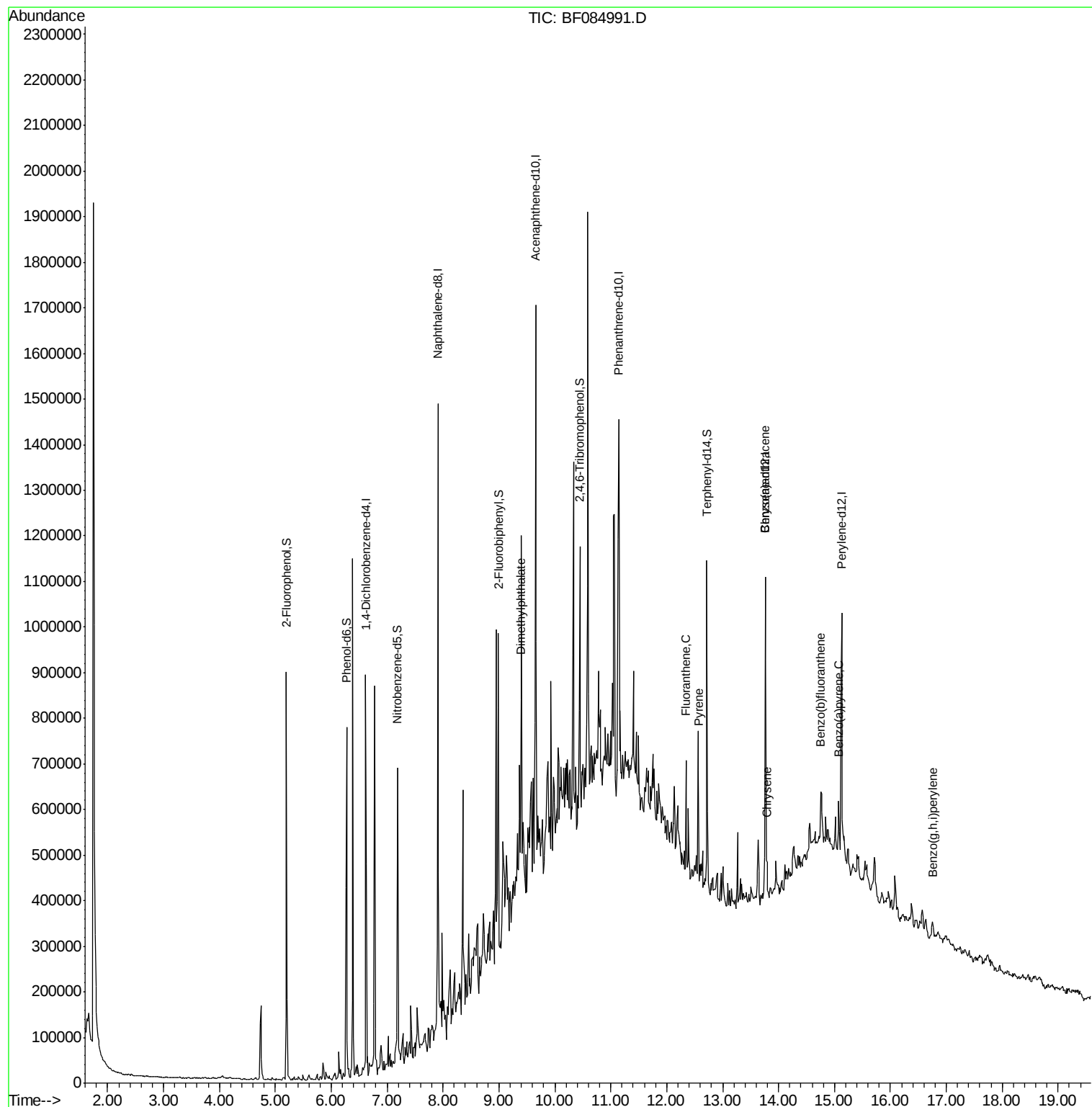
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF084991.D

Acq: 10 Feb 2016 14:20

Instrument :

BNA_F

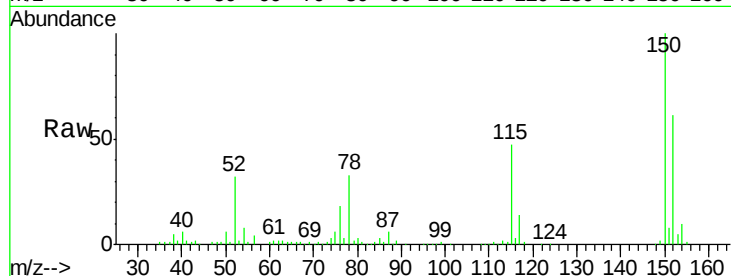
ClientSampleId :

STOCKPILE-7E-(0-2)A

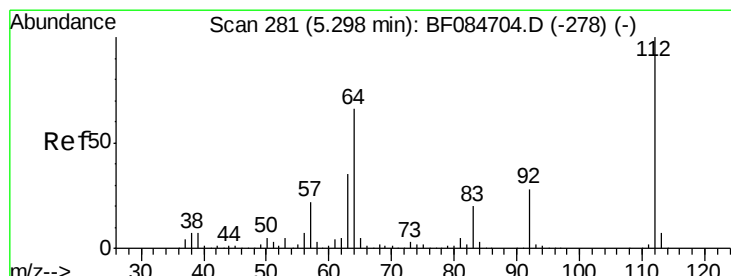
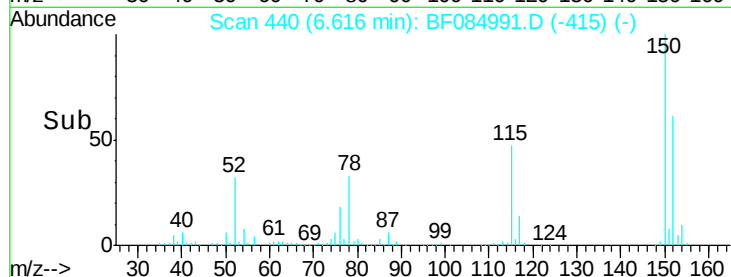
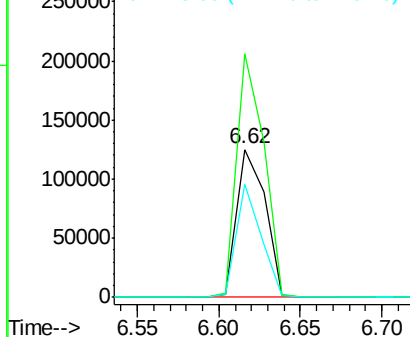
Tgt	Ion:152	Resp:	149053
Ion	Ratio	Lower	Upper
152	100		
150	164.9	123.0	184.4
115	77.0	51.4	77.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 26.20 ng

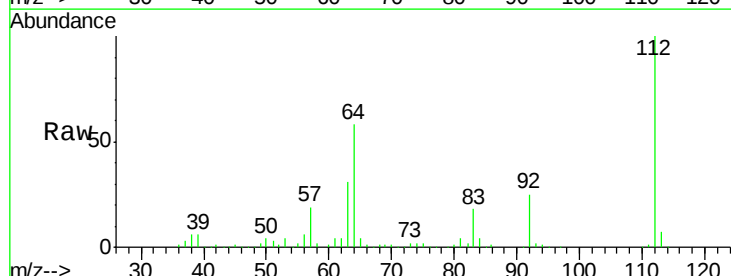
RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

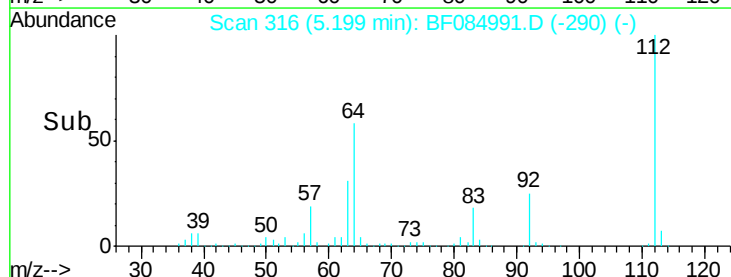
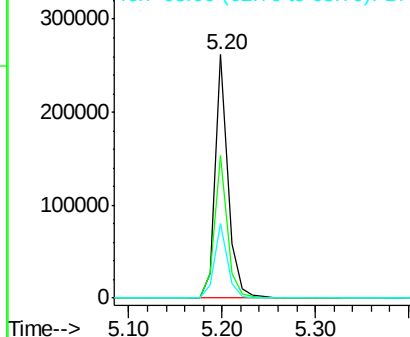
Lab File: BF084991.D

Acq: 10 Feb 2016 14:20

Tgt	Ion:112	Resp:	250716
Ion	Ratio	Lower	Upper
112	100		
64	58.5	36.6	55.0#
63	30.6	19.4	29.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.95 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF084991.D

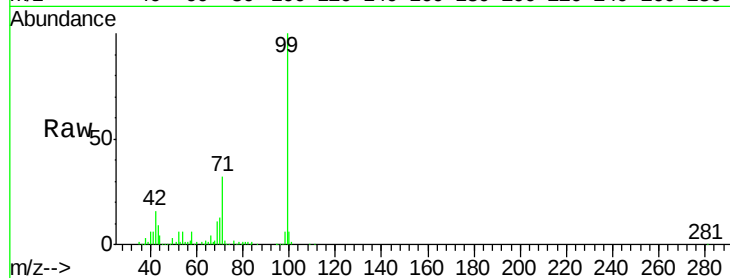
Acq: 10 Feb 2016 14:20

Instrument :

BNA_F

ClientSampleId :

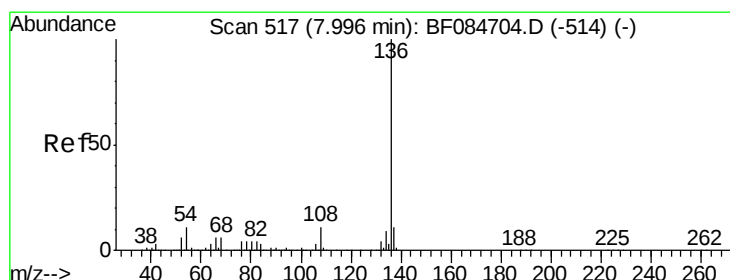
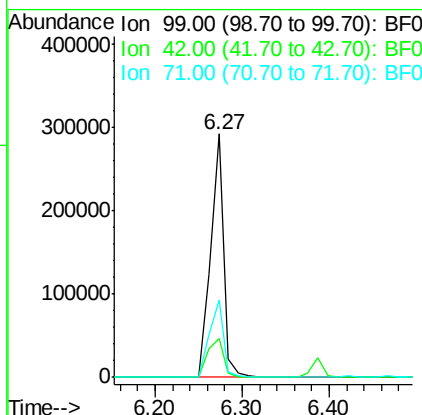
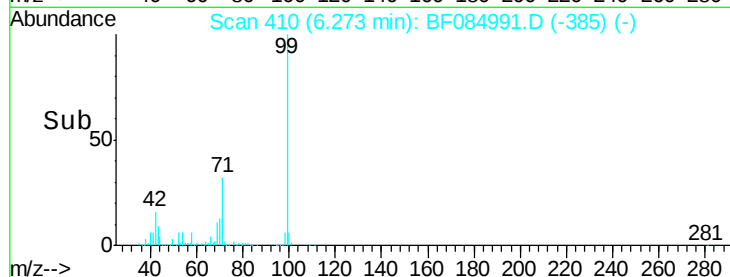
STOCKPILE-7E-(0-2)A



Tgt Ion	Ratio	Resp	Lower	Upper
99	100	307834		
42	15.7	12.8	19.2	
71	31.9	30.9	46.3	

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#21

Naphthalene-d8

Concen: 20.00 ng

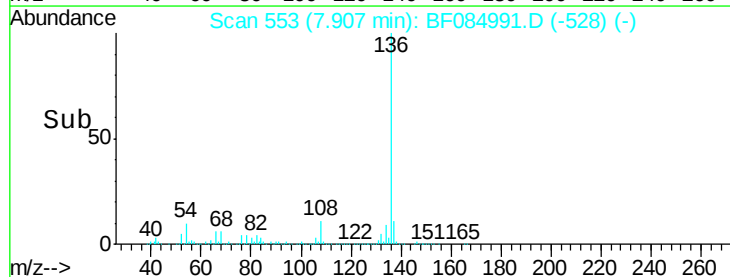
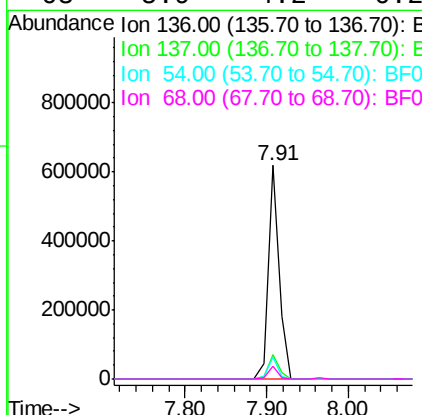
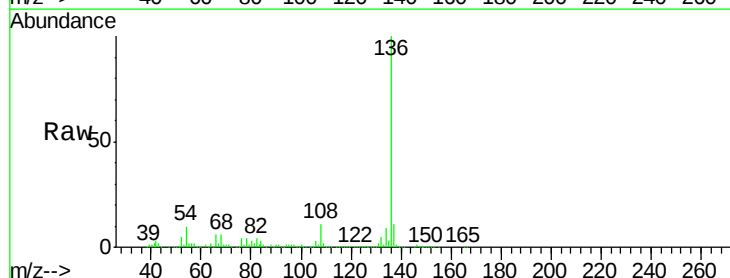
RT: 7.91 min Scan# 553

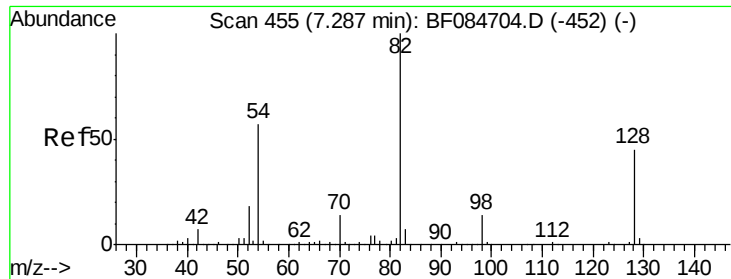
Delta R.T. -0.01 min

Lab File: BF084991.D

Acq: 10 Feb 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	582480		
137	11.4	8.7	13.1	
54	10.2	5.8	8.8	
68	5.9	4.2	6.2	





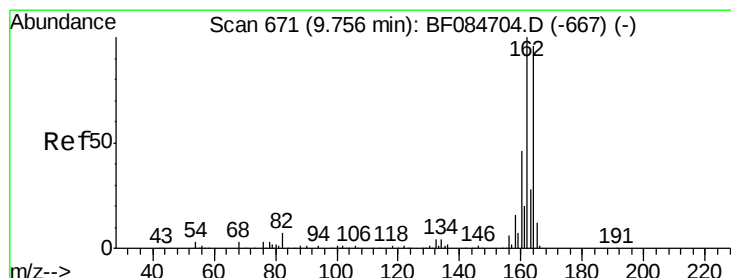
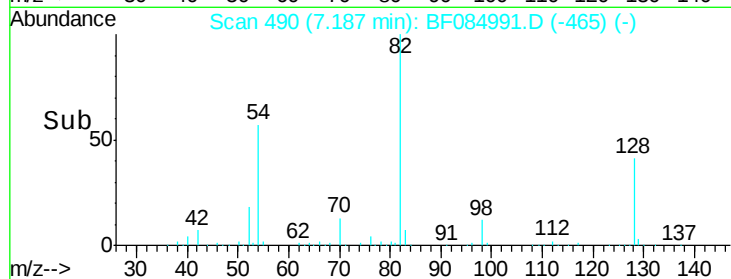
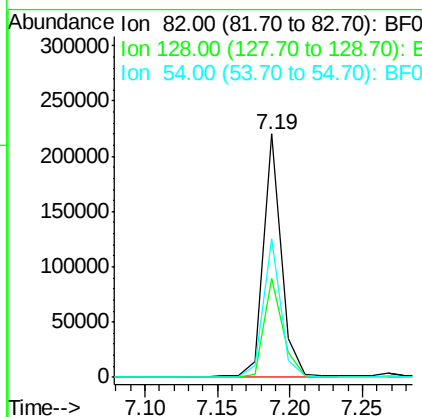
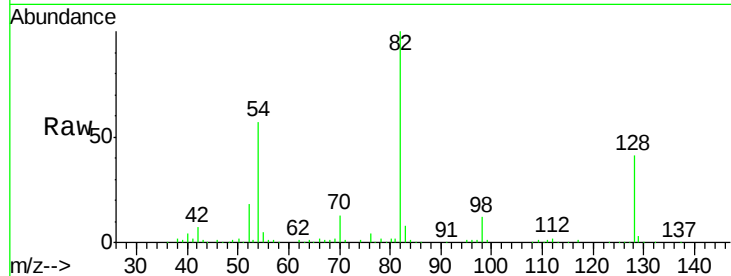
#23
Nitrobenzene-d5
Concen: 18.19 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF084991.D
Acq: 10 Feb 2016 14:20

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.5	34.6	51.8
54	57.1	38.4	57.6

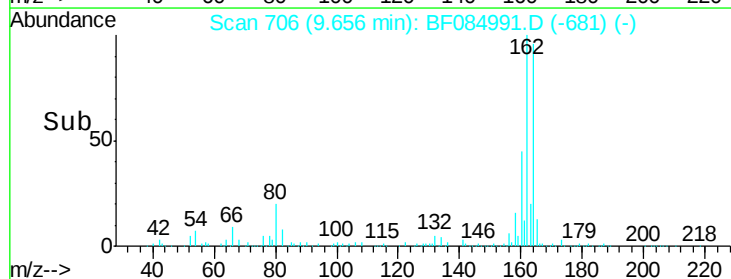
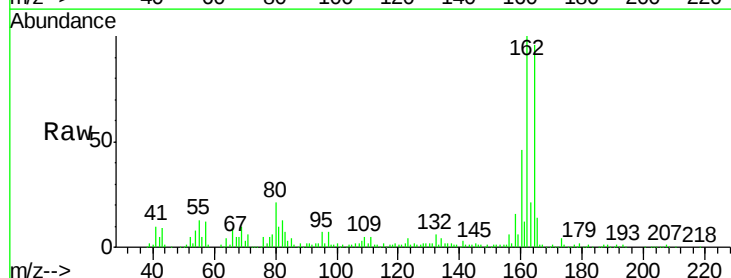
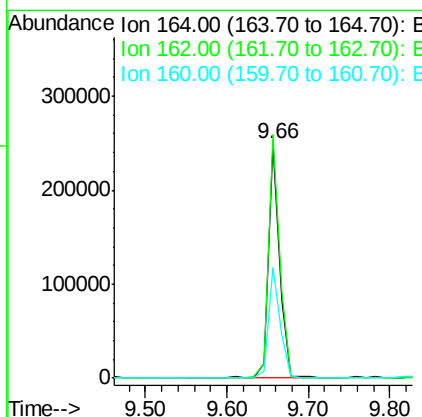
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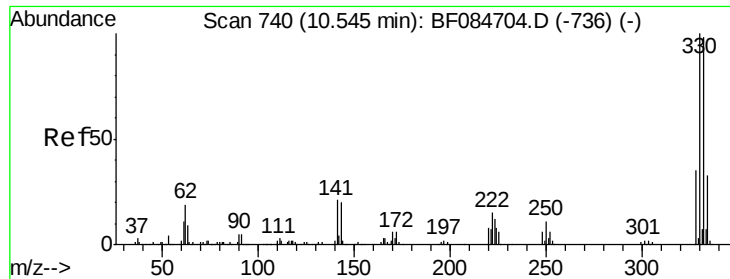
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF084991.D
Acq: 10 Feb 2016 14:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	104.2	85.1	127.7
160	47.5	37.5	56.3





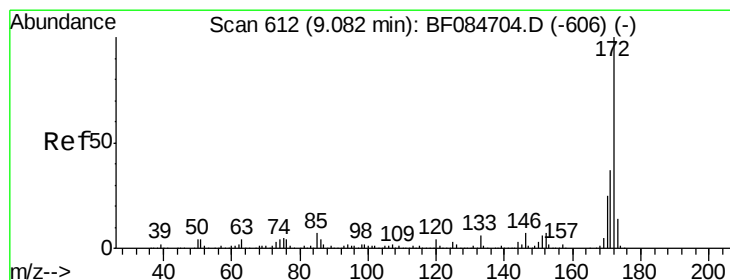
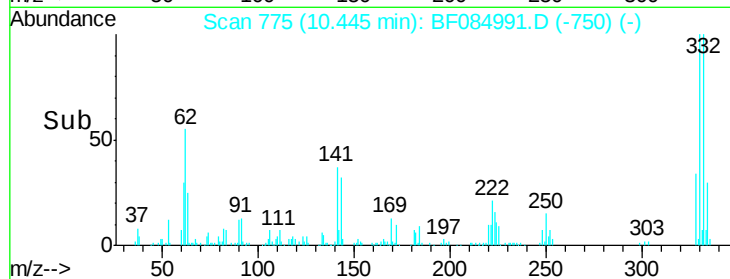
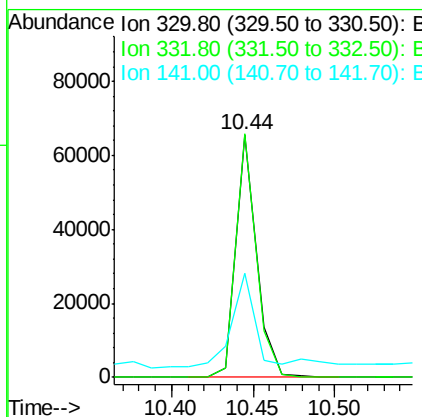
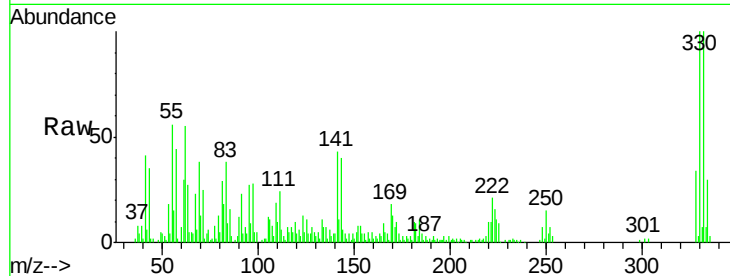
#41
 2,4,6-Tribromophenol
 Concen: 22.69 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF084991.D
 Acq: 10 Feb 2016 14:20

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	56678		
332	98.8	76.6	114.8	
141	41.1	27.8	41.6	

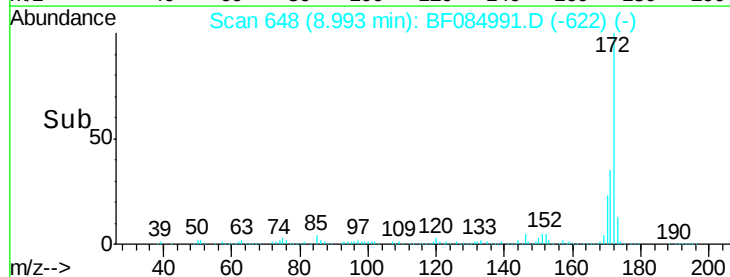
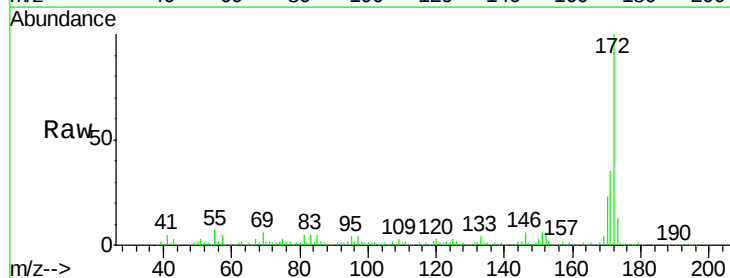
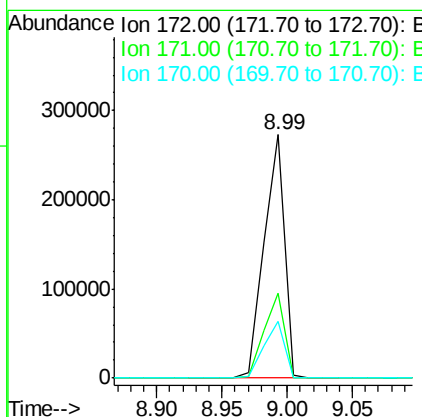
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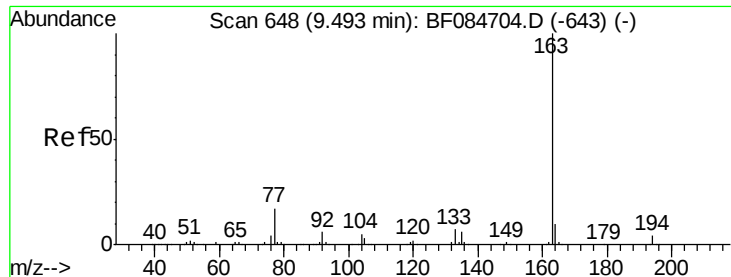
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#44
 2-Fluorobiphenyl
 Concen: 15.76 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF084991.D
 Acq: 10 Feb 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	298991		
171	35.1	28.9	43.3	
170	23.2	18.6	27.8	





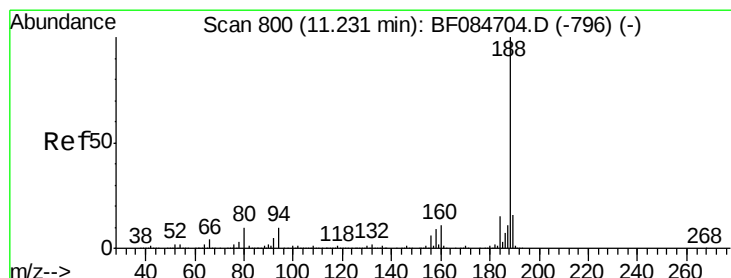
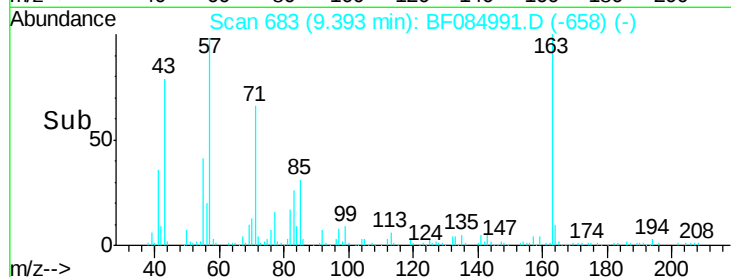
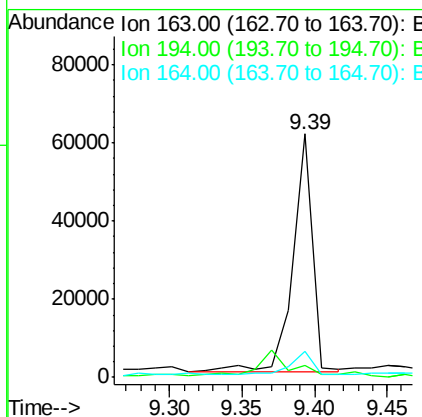
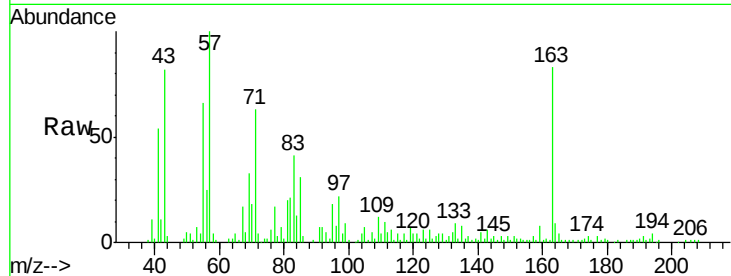
#49
Dimethylphthalate
Concen: 3.10 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084991.D
Acq: 10 Feb 2016 14:20

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	5.0	8.0	12.0#
164	10.8	8.0	12.0

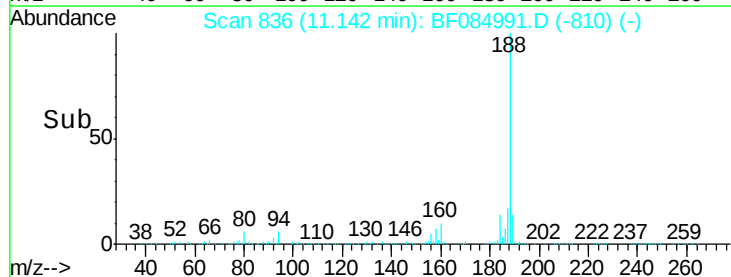
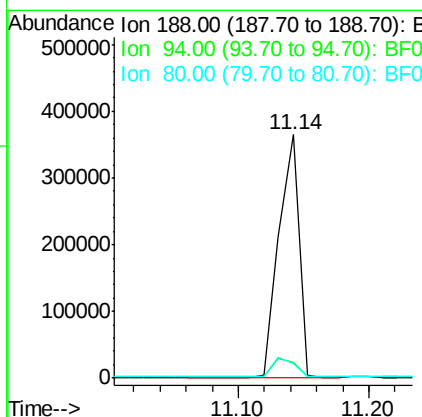
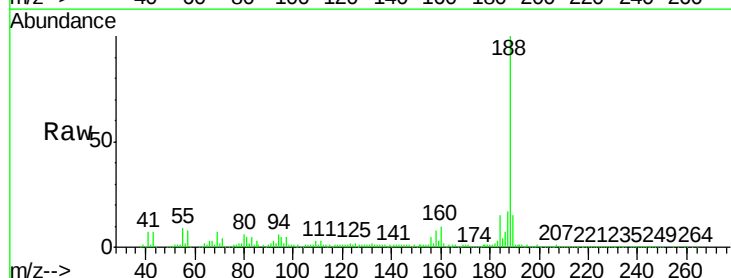
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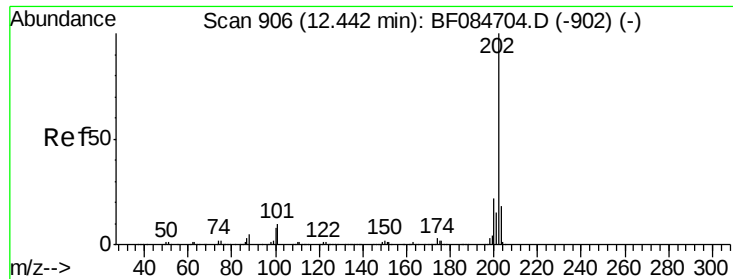
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF084991.D
Acq: 10 Feb 2016 14:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.3	9.0	13.4#
80	6.2	9.6	14.4#





#74

Fluoranthene

Concen: 3.52 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF084991.D

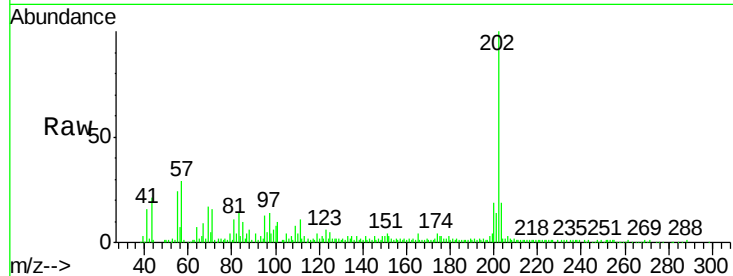
Acq: 10 Feb 2016 14:20

Instrument :

BNA_F

ClientSampleId :

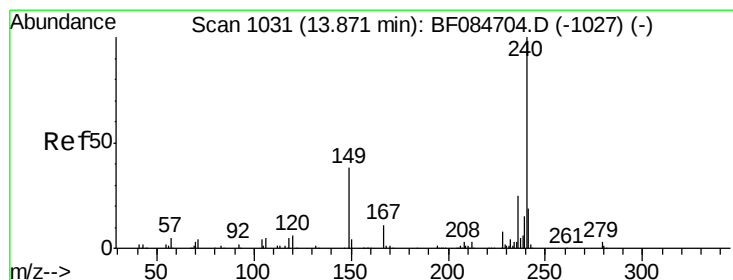
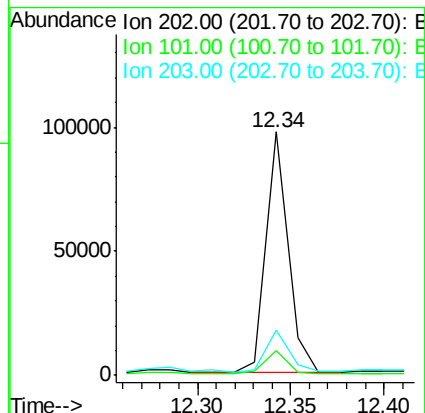
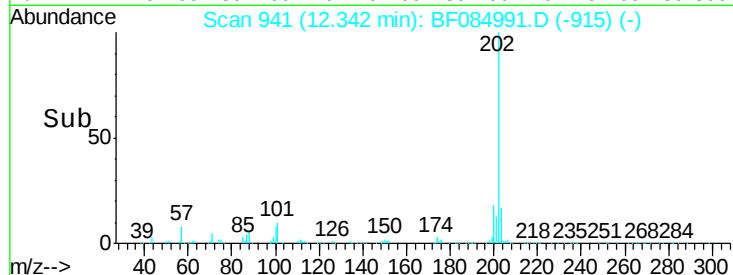
STOCKPILE-7E-(0-2)A



Tgt Ion:	202	Resp:	79347
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	32.8
203	18.7	0.0	37.9

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#75

Chrysene-d12

Concen: 20.00 ng

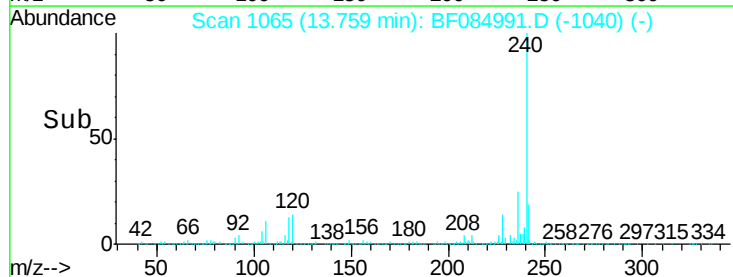
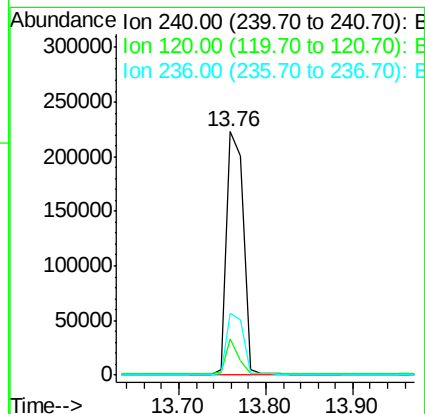
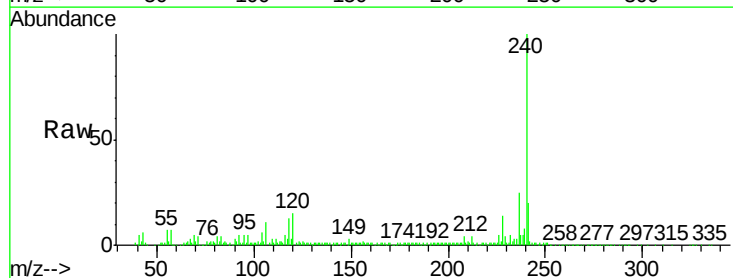
RT: 13.76 min Scan# 1065

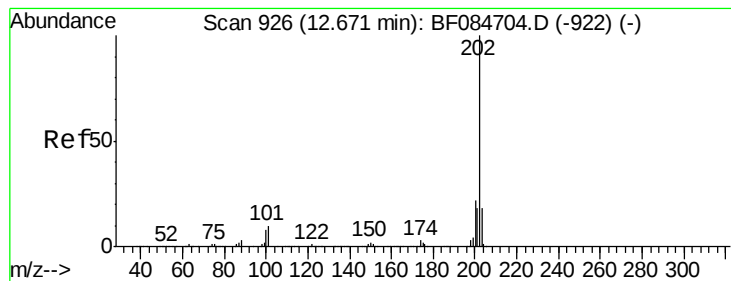
Delta R.T. -0.01 min

Lab File: BF084991.D

Acq: 10 Feb 2016 14:20

Tgt Ion:	240	Resp:	299635
Ion Ratio	Lower	Upper	
240	100		
120	14.7	9.5	14.3#
236	25.4	20.6	31.0





#77

Pyrene

Concen: 3.98 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF084991.D

Acq: 10 Feb 2016 14:20

Instrument :

BNA_F

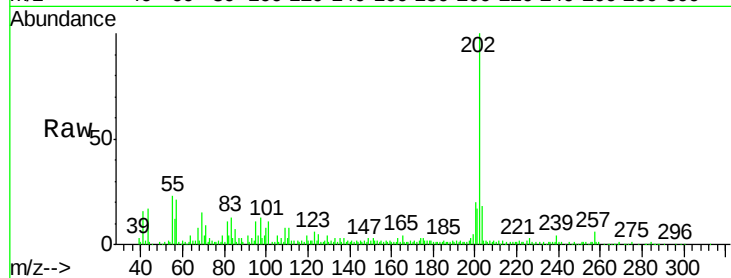
ClientSampleId :

STOCKPILE-7E-(0-2)A

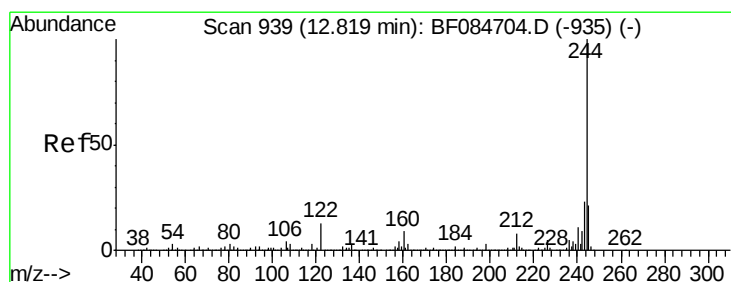
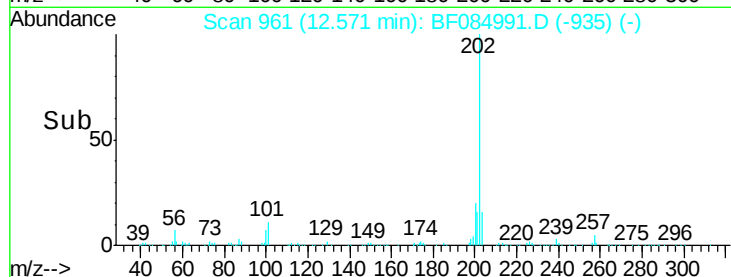
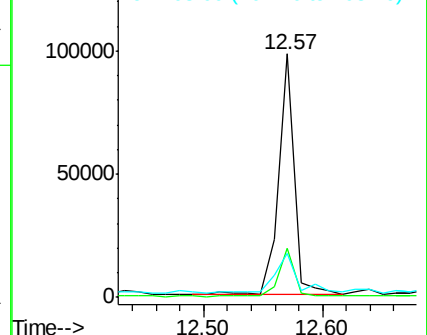
Tgt Ion:	202	Resp:	91346
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.2	25.8
203	18.0	14.3	21.5

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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: 15.66 ng

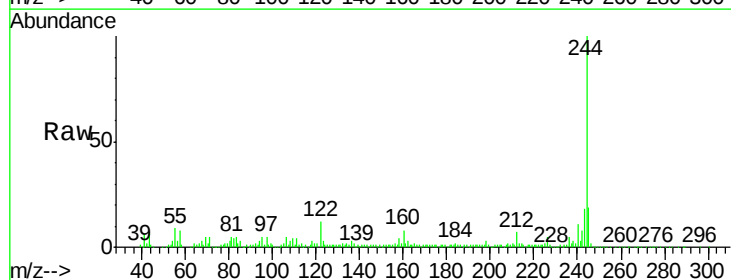
RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

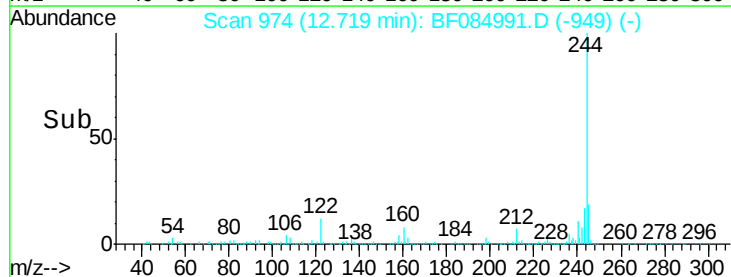
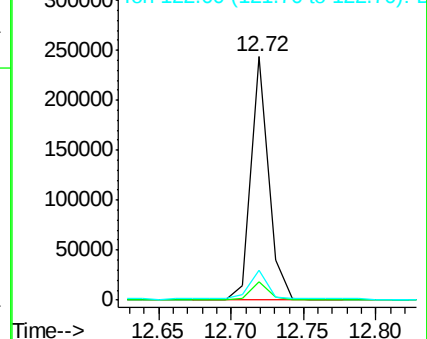
Lab File: BF084991.D

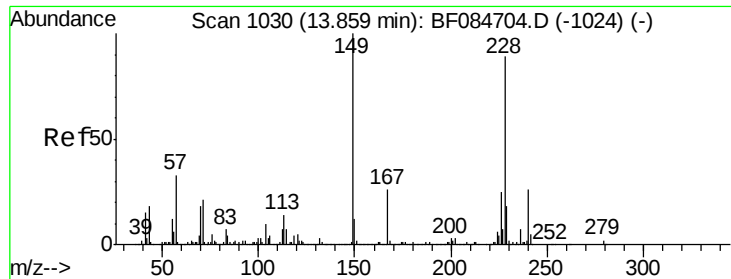
Acq: 10 Feb 2016 14:20

Tgt Ion:	244	Resp:	207089
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.7	8.5
122	12.3	7.4	11.0#



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





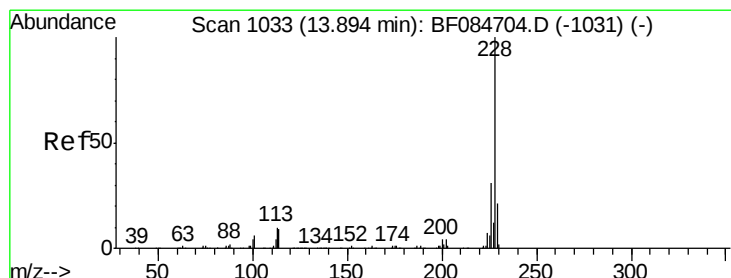
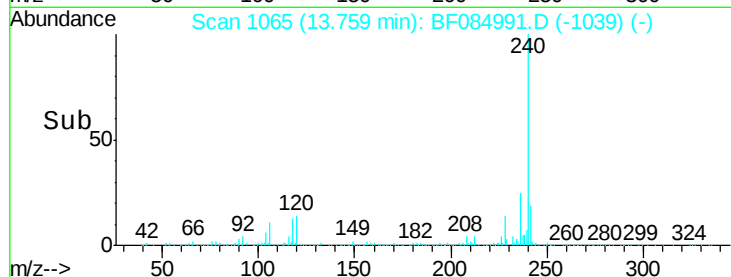
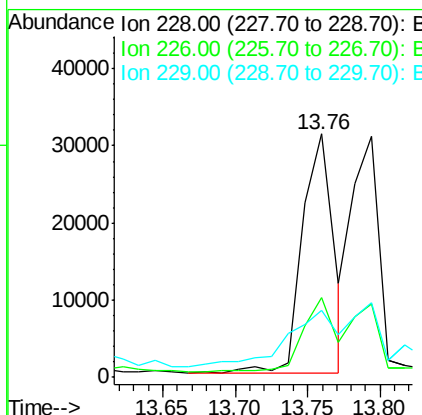
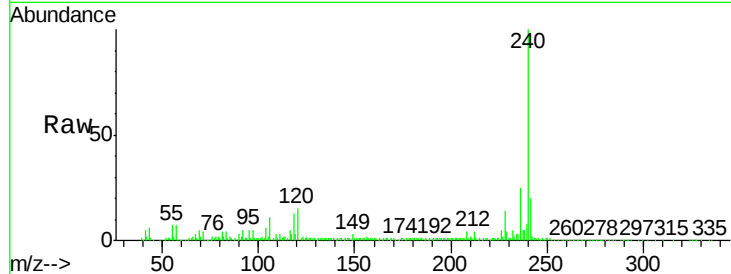
#80
Benzo(a)anthracene
Concen: 2.50 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF084991.D
Acq: 10 Feb 2016 14:20

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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	21.8	32.6#
229	27.6	15.8	23.8#

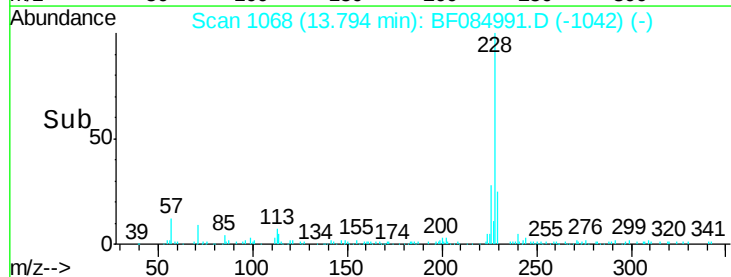
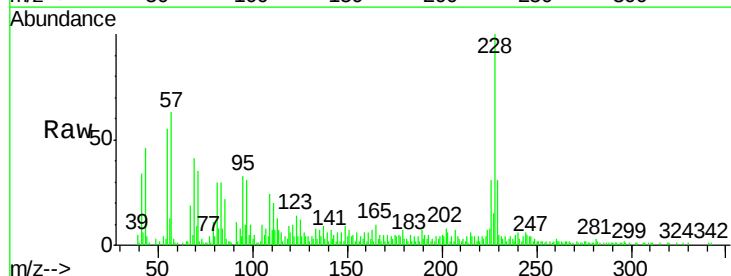
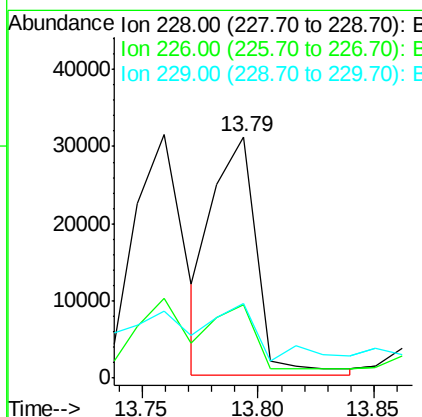
Manual Integrations
APPROVED

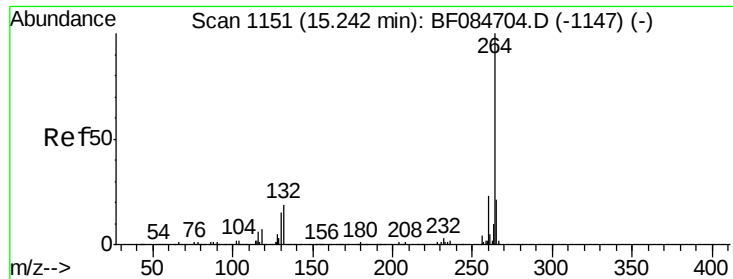
UMANGI
2/11/2016 10:46:38 AM



#82
Chrysene
Concen: 2.28 ng m
RT: 13.79 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF084991.D
Acq: 10 Feb 2016 14:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	31.1	16.1	24.1#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF084991.D

Acq: 10 Feb 2016 14:20

Instrument :

BNA_F

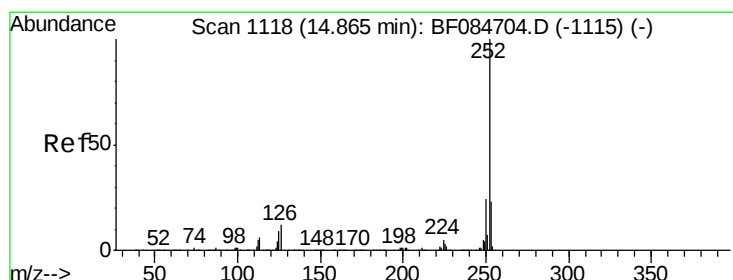
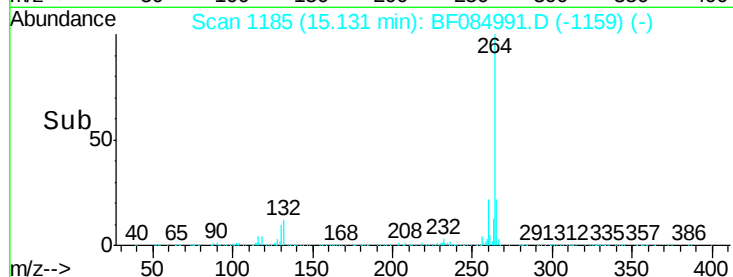
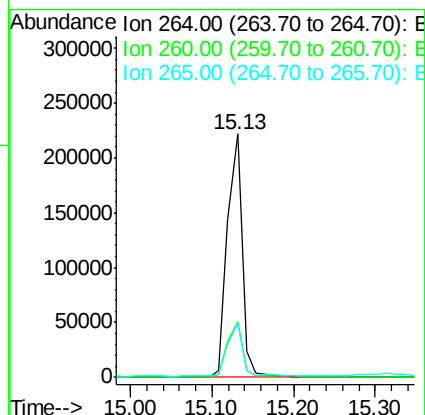
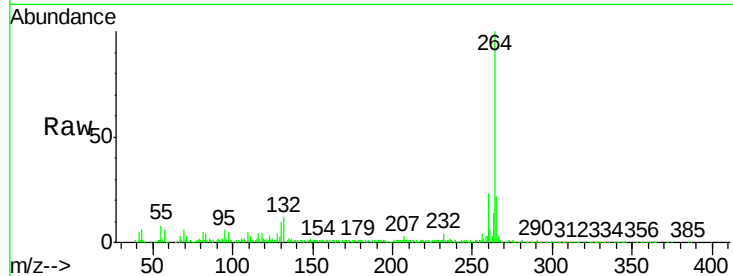
ClientSampleId :

STOCKPILE-7E-(0-2)A

Tgt Ion:	264	Resp:	275257
Ion Ratio		Lower	Upper
264	100		
260	22.8	19.4	29.2
265	22.3	17.8	26.6

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 3.72 ng m

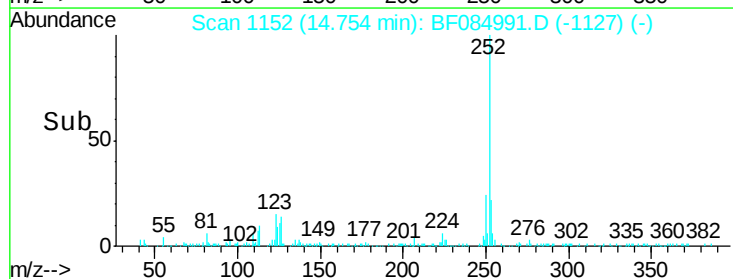
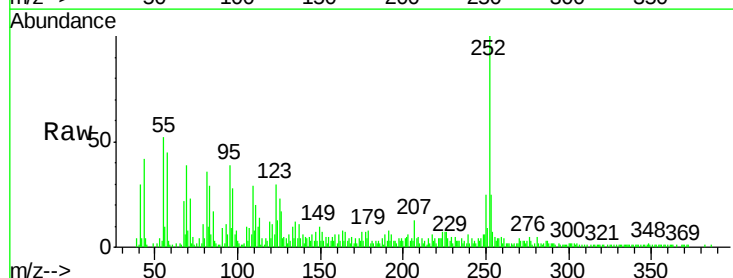
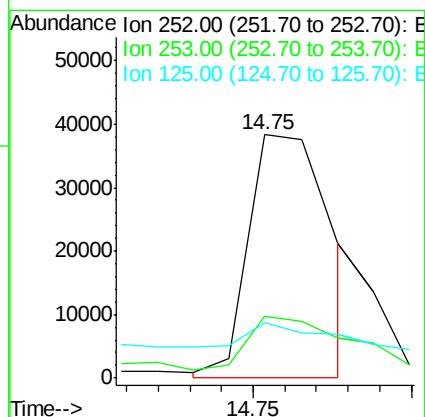
RT: 14.75 min Scan# 1152

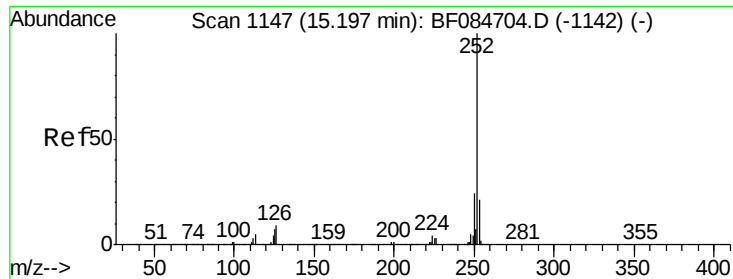
Delta R.T. -0.01 min

Lab File: BF084991.D

Acq: 10 Feb 2016 14:20

Tgt Ion:	252	Resp:	68728
Ion Ratio		Lower	Upper
252	100		
253	25.4	17.3	25.9
125	22.9	6.5	9.7#





#89

Benzo(a)pyrene

Concen: 2.55 ng

RT: 15.07 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF084991.D

Acq: 10 Feb 2016 14:20

Instrument :

BNA_F

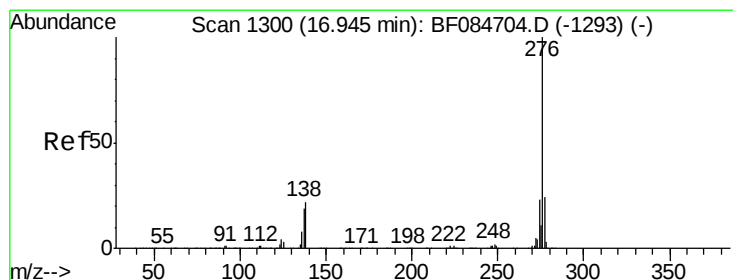
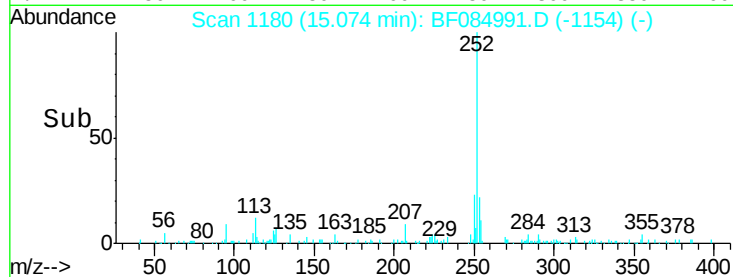
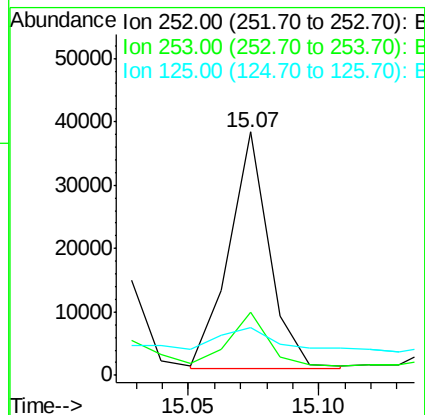
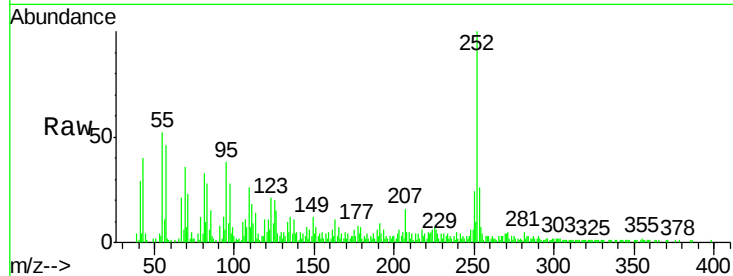
ClientSampleId :

STOCKPILE-7E-(0-2)A

Tgt Ion:	252	Resp:	40248
Ion Ratio		Lower	Upper
252	100		
253	26.1	17.3	25.9#
125	19.8	7.0	10.4#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 2.14 ng

RT: 16.75 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF084991.D

Acq: 10 Feb 2016 14:20

Tgt Ion:	276	Resp:	28640
Ion Ratio		Lower	Upper
276	100		
277	30.8	18.8	28.2#
138	25.8	17.8	26.6

