

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
 Data File : BF083337.D
 Acq On : 27 Nov 2015 19:26
 Operator : UM/IZ
 Sample : G4567-02DL 50X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-COMPOSITE2DL

Manual Integrations
 APPROVED

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 12/1/2015 5:23:04 PM

Quant Time: Nov 27 19:52:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 19:11:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	172978	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	673195	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	320210	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	537143	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	356470	20.00	ng	0.00
86) Perylene-d12	15.03	264	381241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	28316	2.39	ng	0.02
7) Phenol-d6	6.24	99	41178	2.65	ng	0.00
23) Nitrobenzene-d5	7.14	82	26097	1.71	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	5689	1.92	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	43266	1.93	ng	-0.01
78) Terphenyl-d14	12.65	244	33029	1.89	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.19	88	1447	5.96	ng	# 18
74) Fluoranthene	12.27	202	203593	6.95	ng	93
77) Pyrene	12.49	202	379090	12.87	ng	97
80) Benzo(a)anthracene	13.68	228	111371	4.94	ng	# 70
82) Chrysene	13.71	228	114090m	5.34	ng	
87) Benzo(b)fluoranthene	14.67	252	84587m	3.28	ng	
89) Benzo(a)pyrene	14.98	252	101834	4.91	ng	# 97
91) Benzo(g,h,i)perylene	16.59	276	50065	2.13	ng	# 91

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

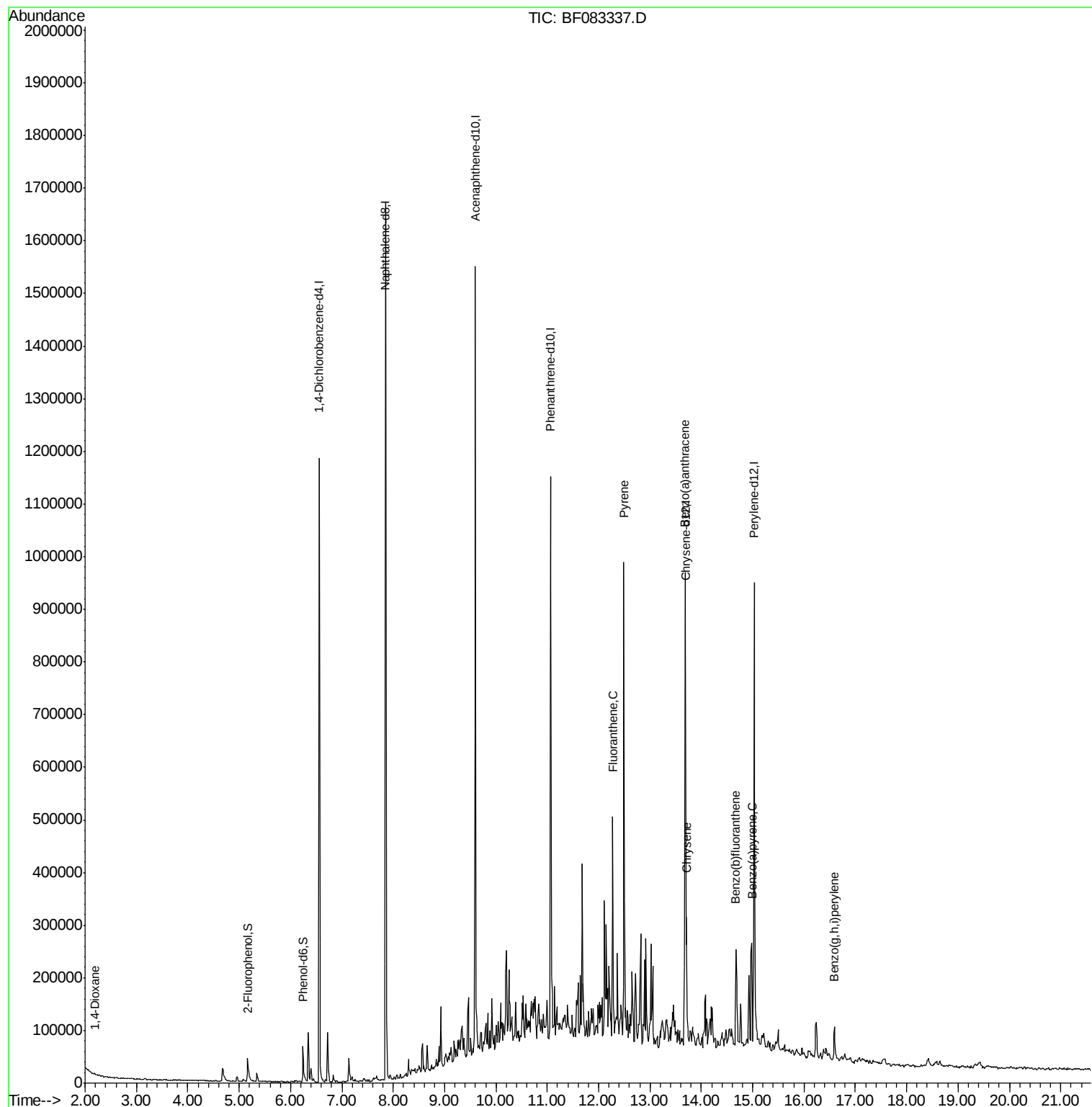
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

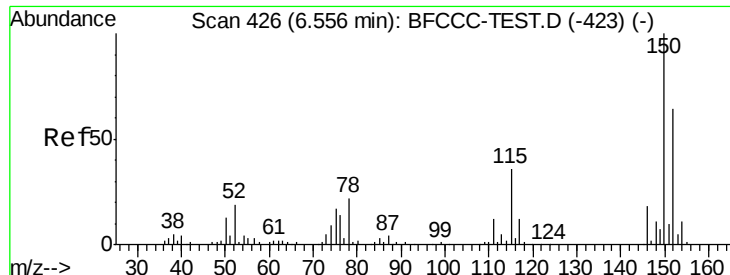
Instrument :
BNA_F
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STOCKPILE-COMPOSITE2DL

Quant Time: Nov 27 19:52:54 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF083337.D

Acq: 27 Nov 2015 19:26

Instrument :

BNA_F

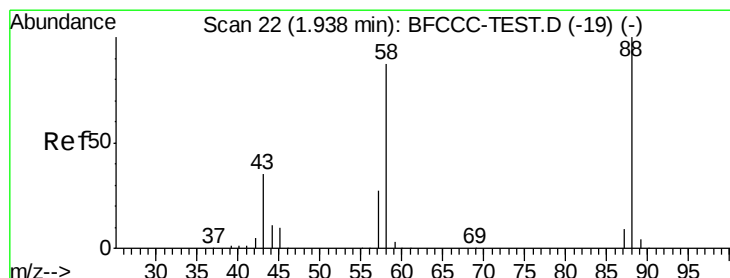
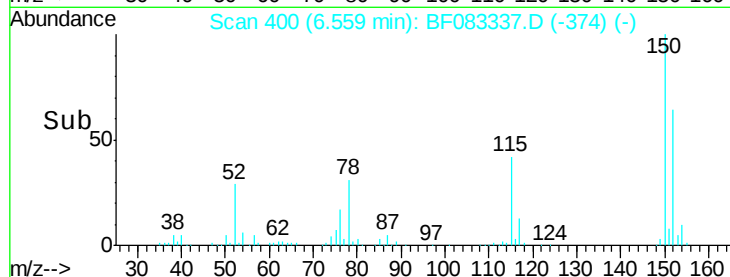
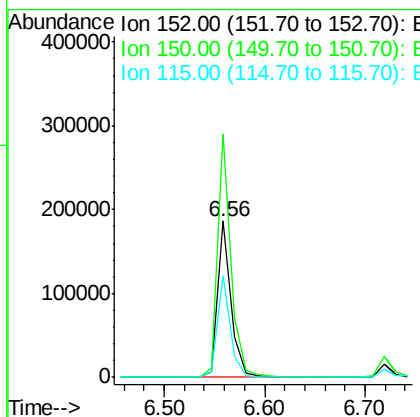
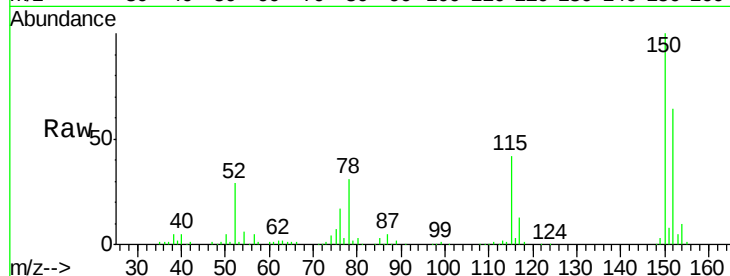
ClientSampleId :

STOCKPILE-COMPOSITE2DL

Tot Ion:	152	Resp:	172978
Ion Ratio	Lower	Upper	
152	100		
150	155.6	125.8	188.8
115	64.6	46.9	70.3

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#2

1,4-Dioxane

Concen: 5.96 ng

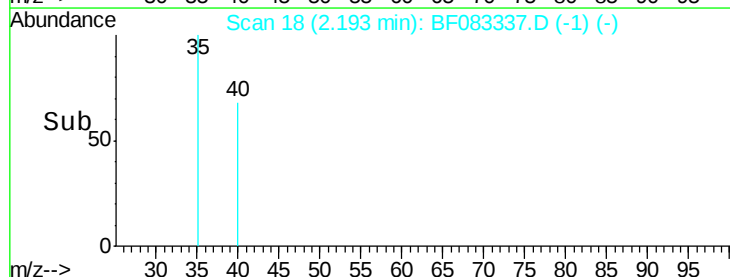
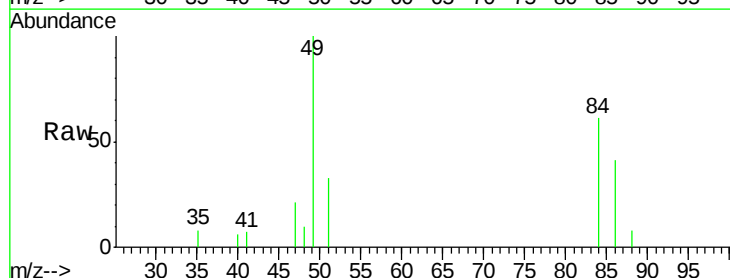
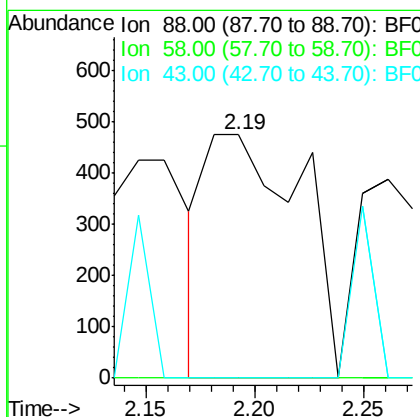
RT: 2.19 min Scan# 18

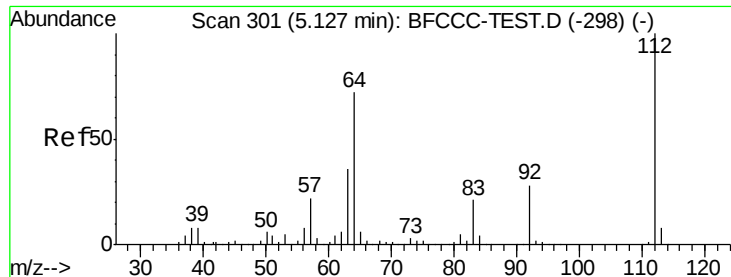
Delta R.T. 0.19 min

Lab File: BF083337.D

Acq: 27 Nov 2015 19:26

Tgt Ion:	88	Resp:	1447
Ion Ratio	Lower	Upper	
88	100		
58	0.0	65.0	97.6#
43	0.0	24.7	37.1#





#5

2-Fluorophenol

Concen: 2.39 ng

RT: 5.16 min Scan# 278

Delta R.T. 0.02 min

Lab File: BF083337.D

Acq: 27 Nov 2015 19:26

Instrument :

BNA_F

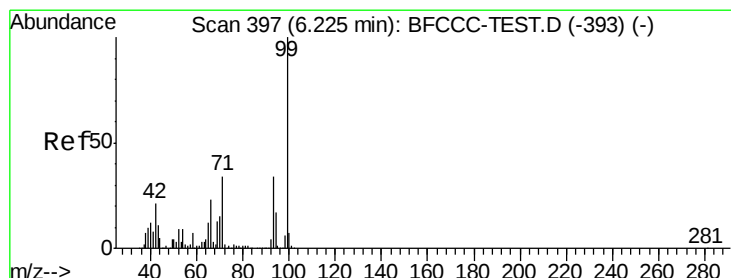
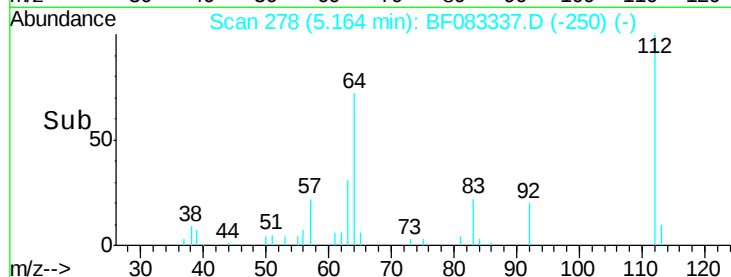
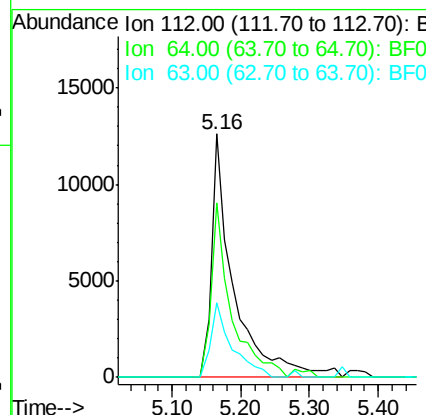
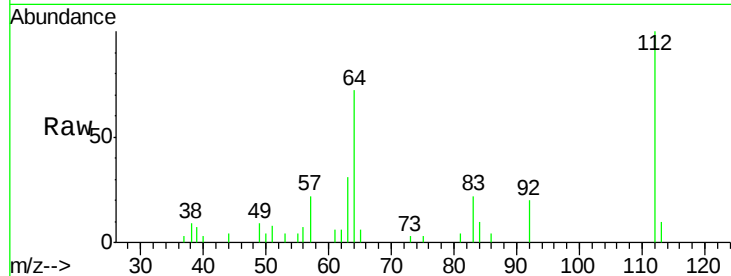
ClientSampleId :

STOCKPILE-COMPOSITE2DL

Tot Ion:	112	Resp:	28316
Ion Ratio	Lower	Upper	
112	100		
64	71.5	58.4	87.6
63	30.7	30.0	45.0

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#7

Phenol-d6

Concen: 2.65 ng

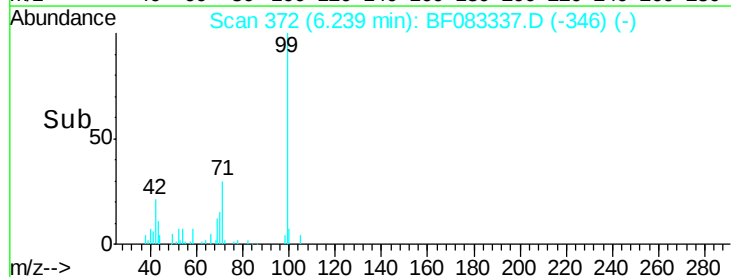
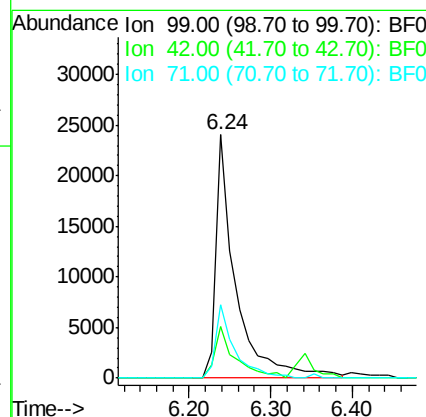
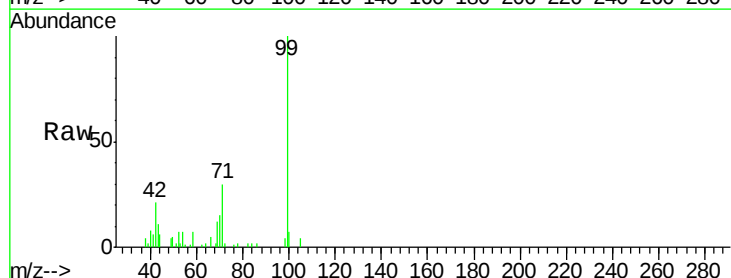
RT: 6.24 min Scan# 372

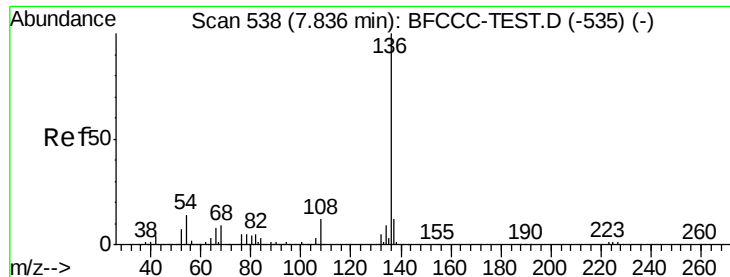
Delta R.T. 0.00 min

Lab File: BF083337.D

Acq: 27 Nov 2015 19:26

Tgt Ion:	99	Resp:	41178
Ion Ratio	Lower	Upper	
99	100		
42	21.2	17.7	26.5
71	30.3	30.2	45.4





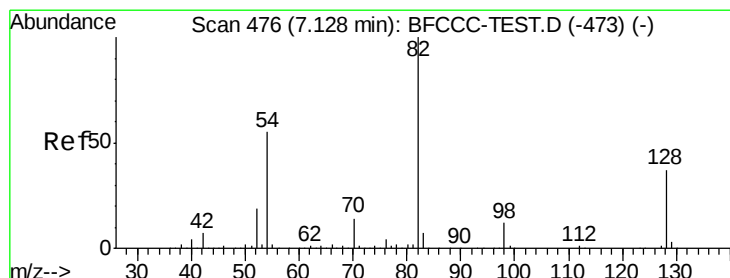
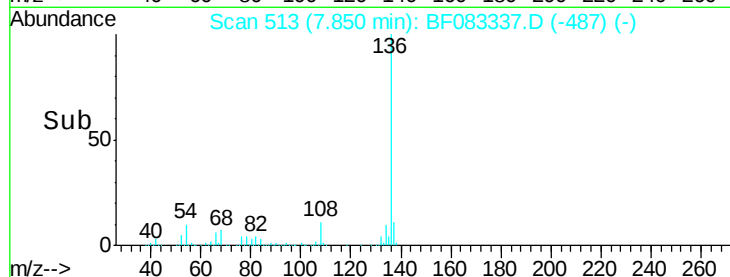
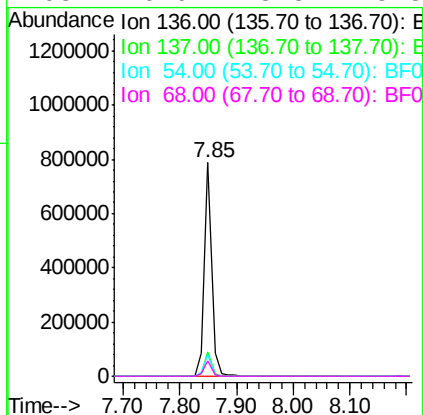
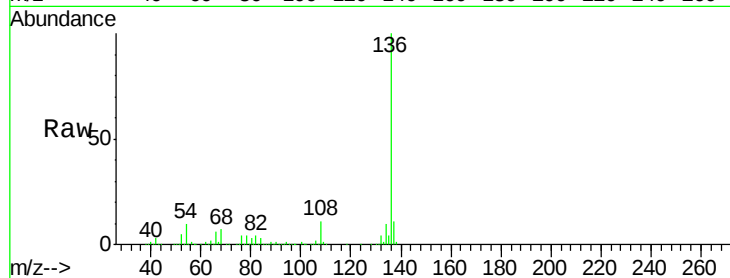
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF083337.D
Acq: 27 Nov 2015 19:26

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE2DL

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.3	5.8	8.6#
68	6.9	3.8	5.8#

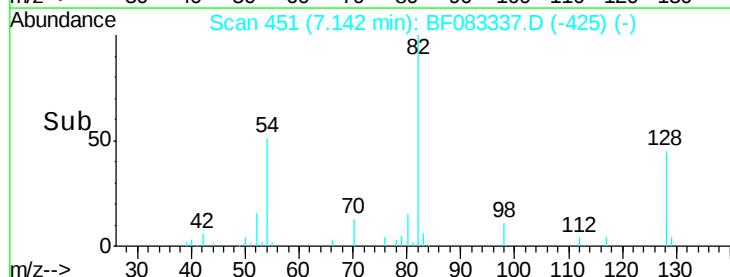
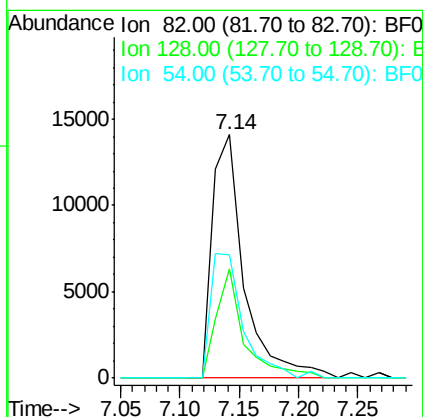
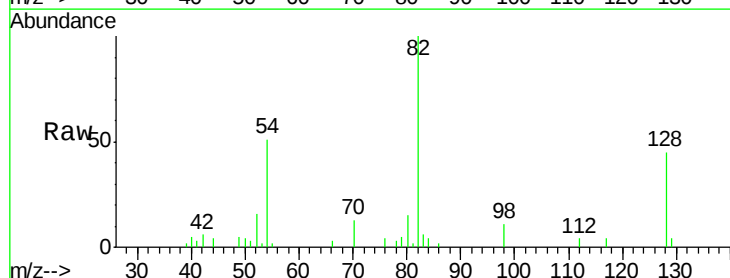
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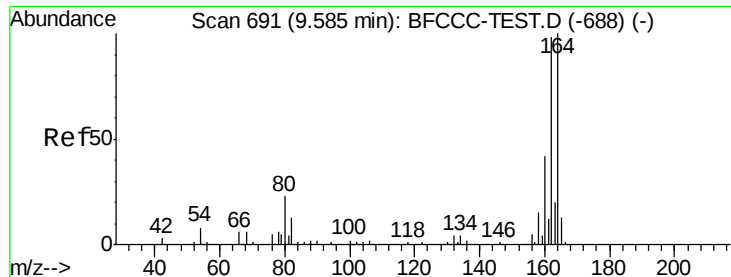
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#23
Nitrobenzene-d5
Concen: 1.71 ng
RT: 7.14 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083337.D
Acq: 27 Nov 2015 19:26

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.8	28.5	42.7#
54	50.6	44.6	67.0





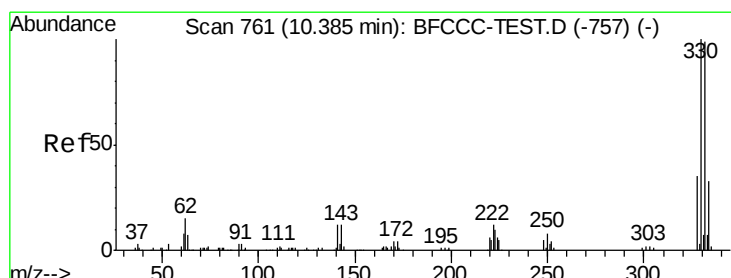
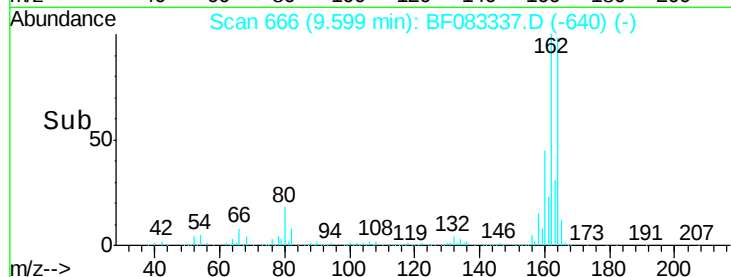
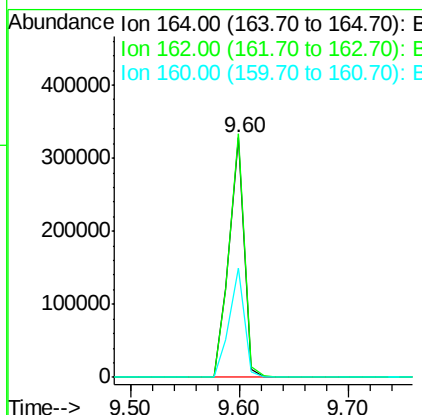
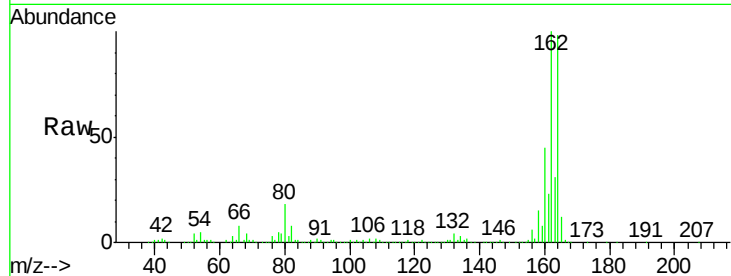
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF083337.D
Acq: 27 Nov 2015 19:26

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE2DL

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	81.2	121.8	
160	45.4	35.6	53.4	

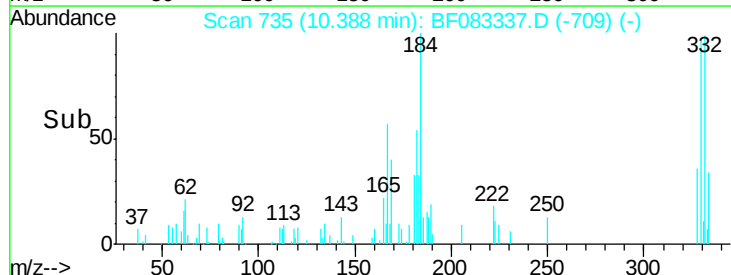
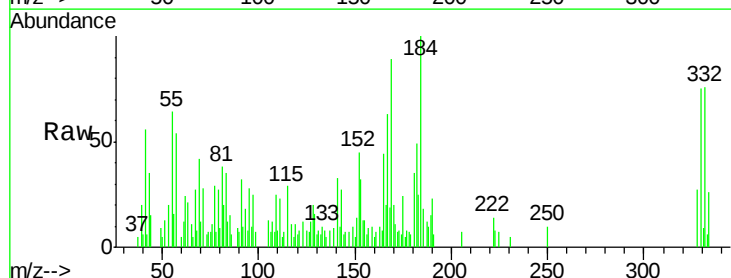
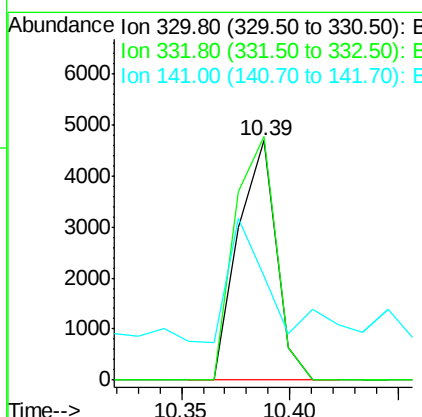
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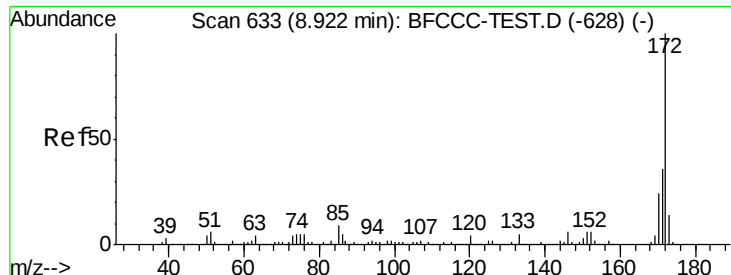
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#41
2,4,6-Tribromophenol
Concen: 1.92 ng
RT: 10.39 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF083337.D
Acq: 27 Nov 2015 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	109.7	77.7	116.5	
141	58.8	29.7	44.5	





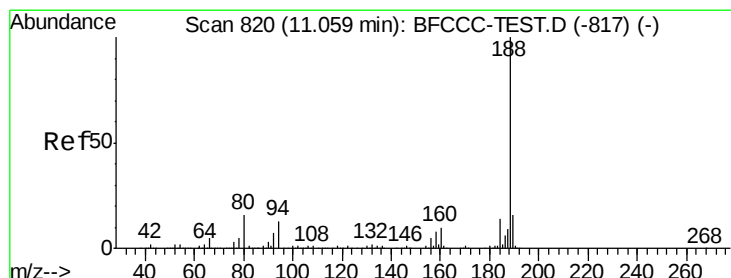
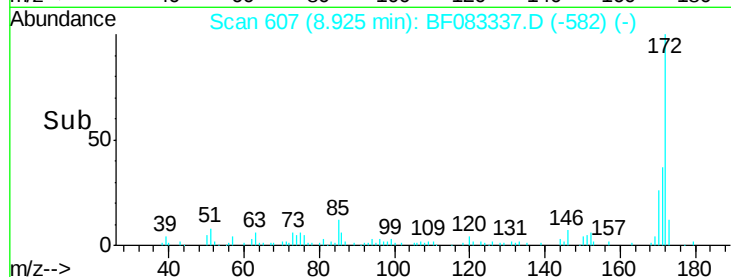
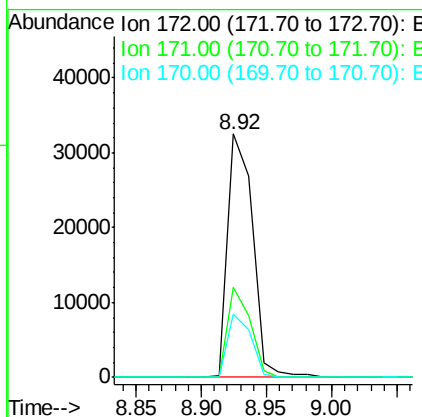
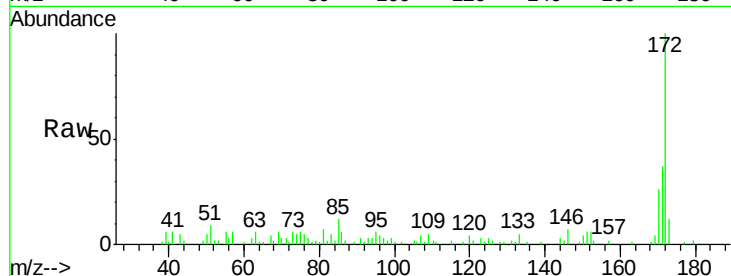
#44
 2-Fluorobiphenyl
 Concen: 1.93 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF083337.D
 Acq: 27 Nov 2015 19:26

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-COMPOSITE2DL

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	25.8	19.9	29.9

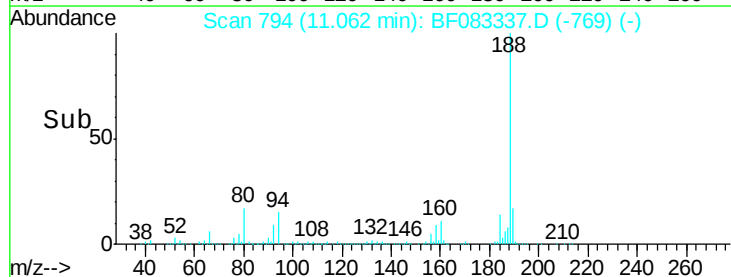
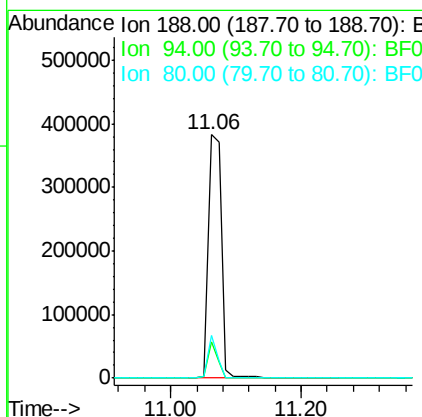
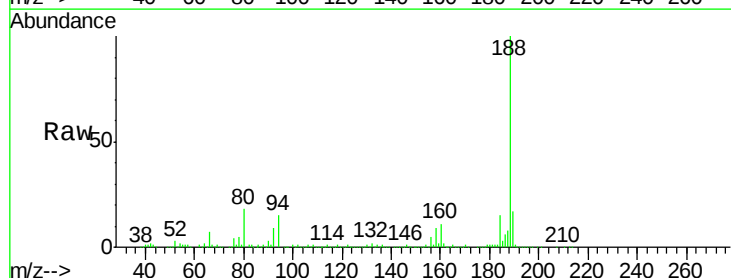
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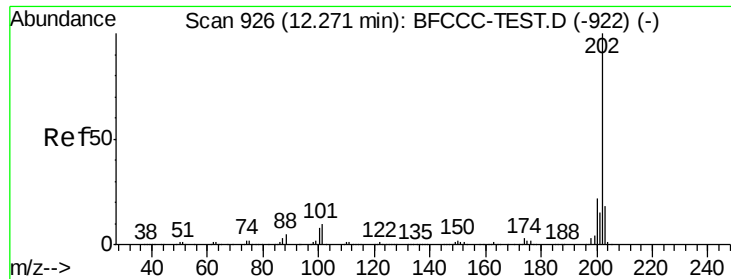
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF083337.D
 Acq: 27 Nov 2015 19:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.0	6.0	9.0#
80	17.6	6.7	10.1#





#74

Fluoranthene

Concen: 6.95 ng

RT: 12.27 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF083337.D

Acq: 27 Nov 2015 19:26

Instrument :

BNA_F

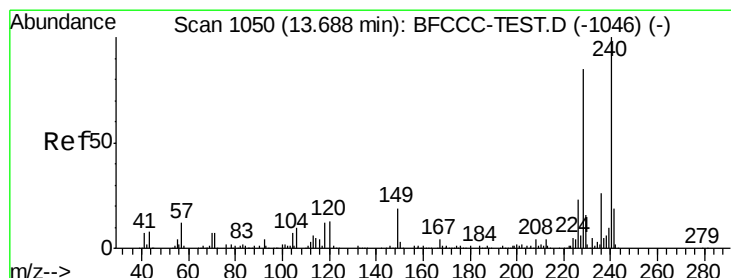
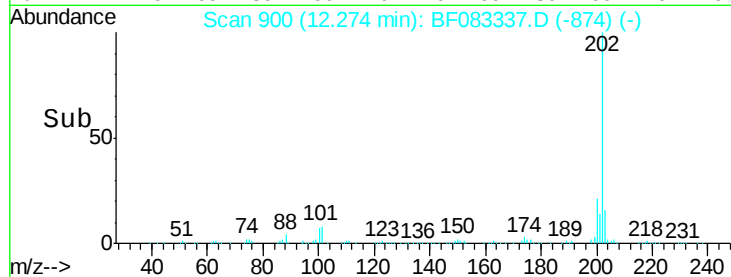
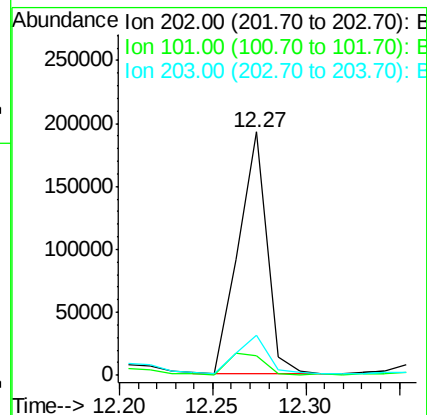
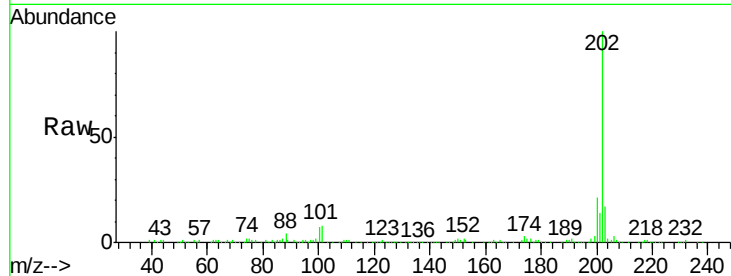
ClientSampleId :

STOCKPILE-COMPOSITE2DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		203593		
101	8.2	0.0	32.3		
203	16.6	0.0	38.4		

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#75

Chrysene-d12

Concen: 20.00 ng

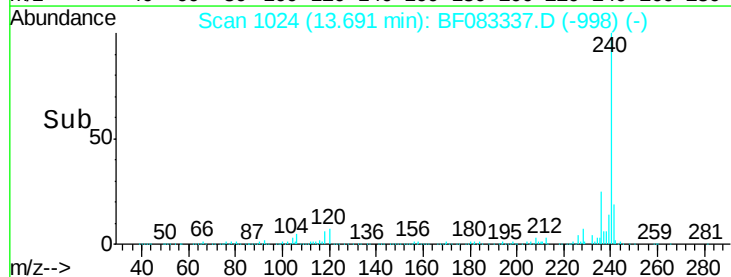
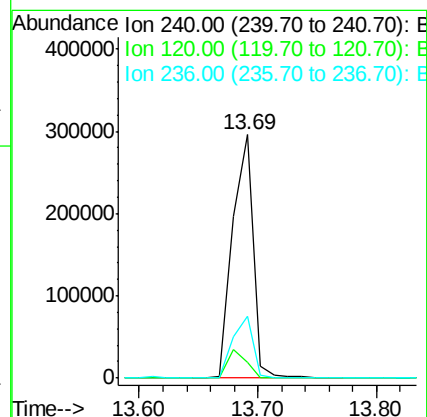
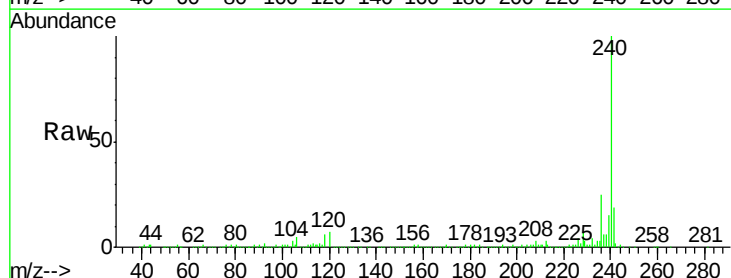
RT: 13.69 min Scan# 1024

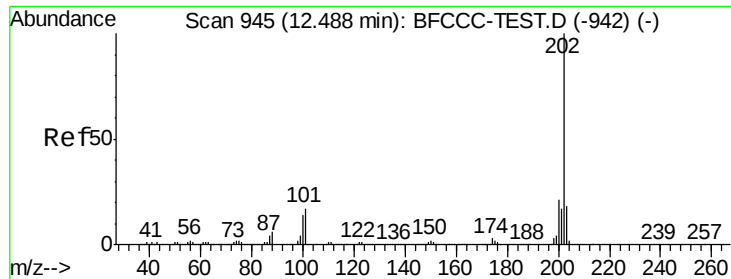
Delta R.T. 0.00 min

Lab File: BF083337.D

Acq: 27 Nov 2015 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		356470		
120	6.7	5.4	8.2		
236	25.4	20.6	31.0		





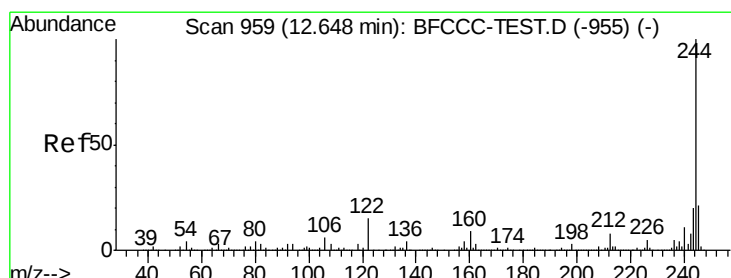
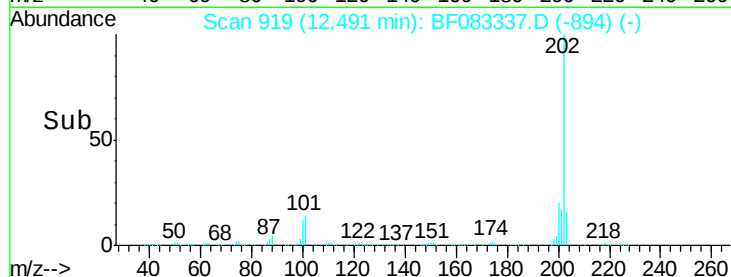
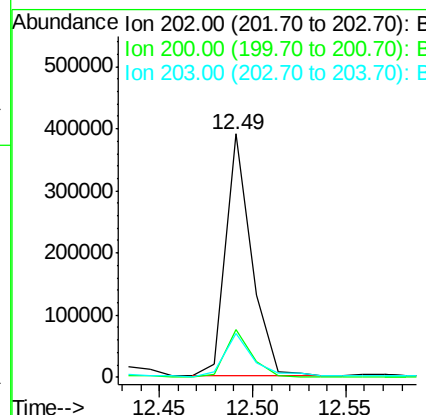
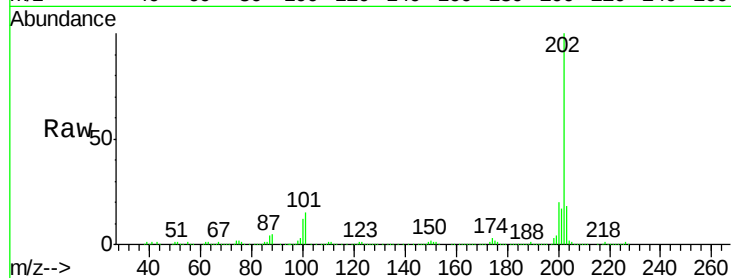
#77
Pvrene
Concen: 12.87 ng
RT: 12.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF083337.D
Acq: 27 Nov 2015 19:26

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE2DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	379090		
200	19.8		17.8	26.6
203	18.2		15.0	22.4

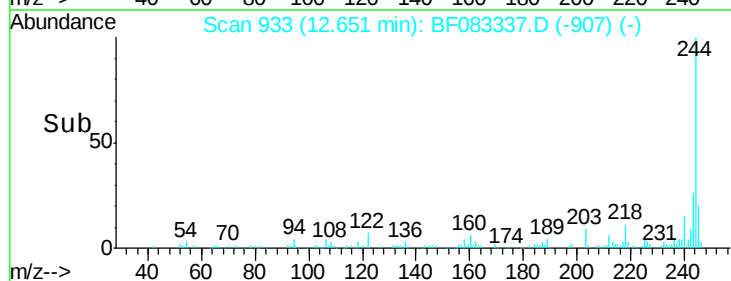
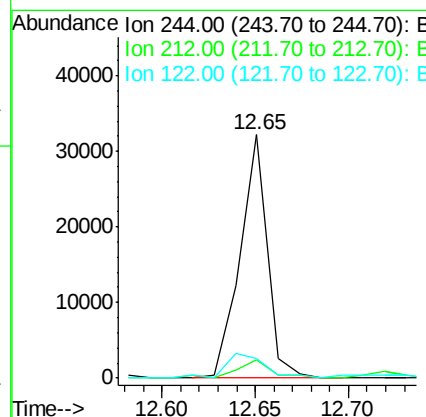
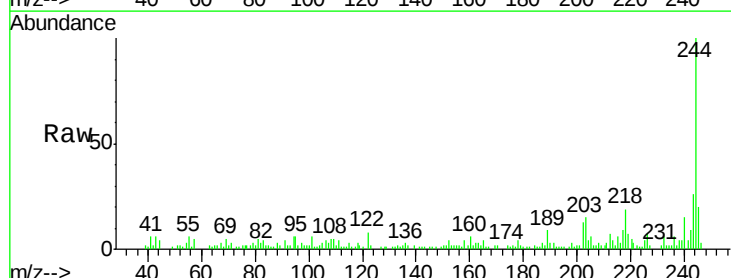
Manual Integrations
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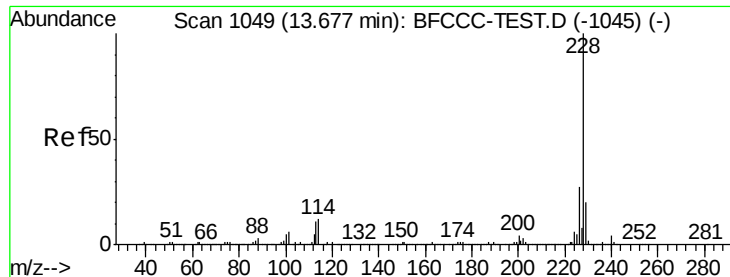
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#78
Terphenyl-d14
Concen: 1.89 ng
RT: 12.65 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF083337.D
Acq: 27 Nov 2015 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	33029		
212	7.3		5.4	8.2
122	8.0		4.3	6.5#





#80

Benzo(a)anthracene

Concen: 4.94 ng

RT: 13.68 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF083337.D

Acq: 27 Nov 2015 19:26

Instrument :

BNA_F

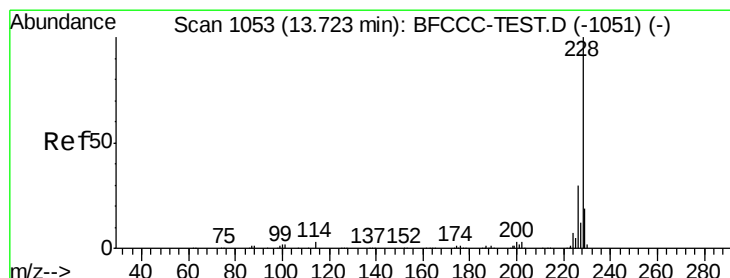
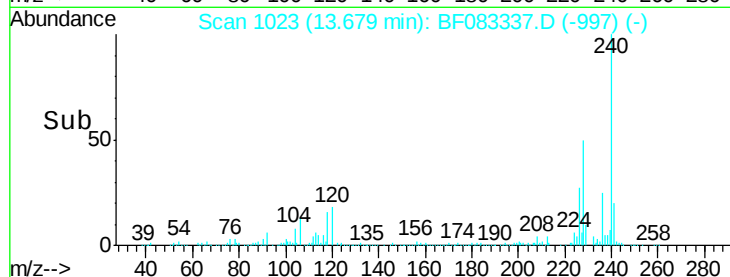
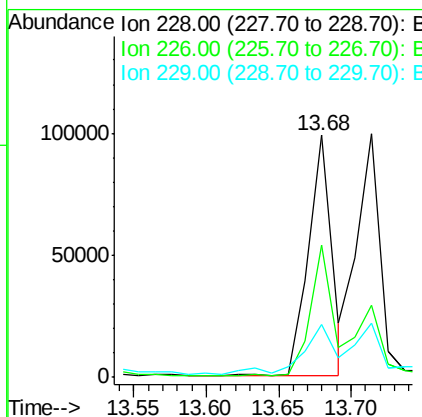
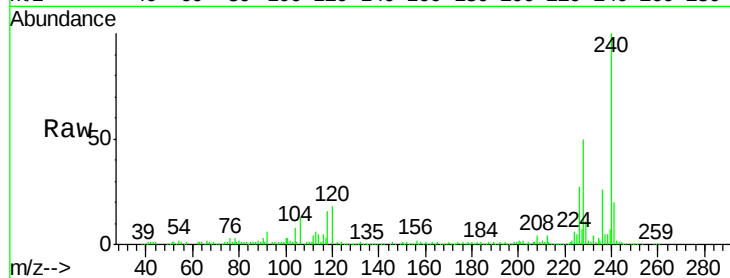
ClientSampleId :

STOCKPILE-COMPOSITE2DL

Tot Ion:	228	Resp:	111371
Ion Ratio	Lower	Upper	
228	100		
226	54.5	22.6	33.8#
229	22.0	16.6	24.8

Manual Integrations
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12/1/2015 5:23:04 PM



#82

Chrysene

Concen: 5.34 ng m

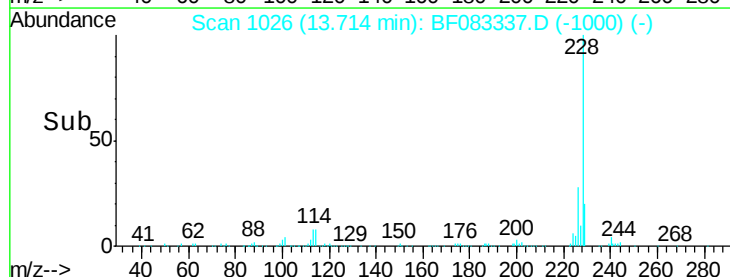
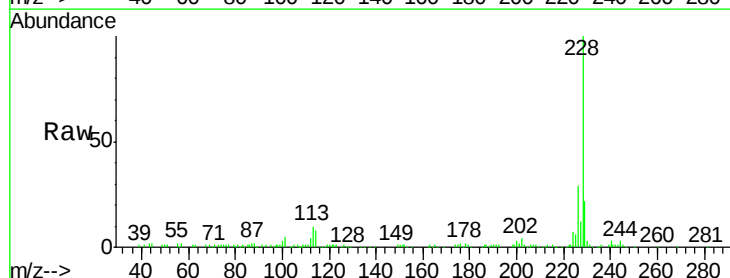
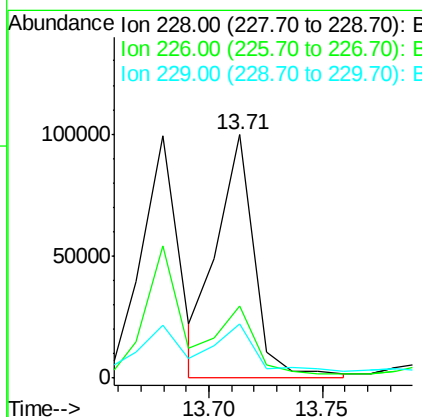
RT: 13.71 min Scan# 1026

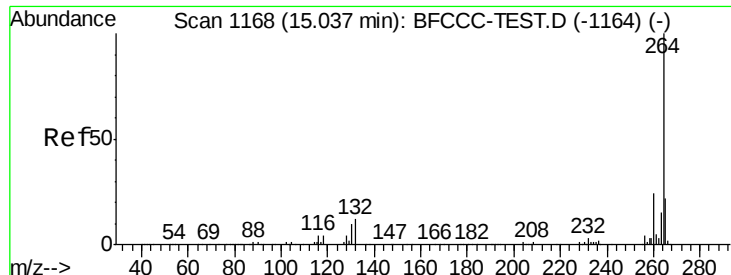
Delta R.T. 0.00 min

Lab File: BF083337.D

Acq: 27 Nov 2015 19:26

Tgt Ion:	228	Resp:	114090
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.5	38.3
229	22.0	16.6	25.0





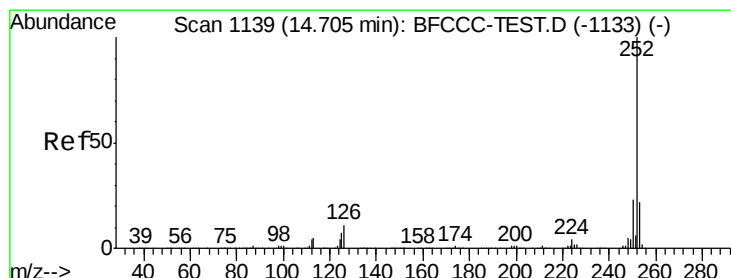
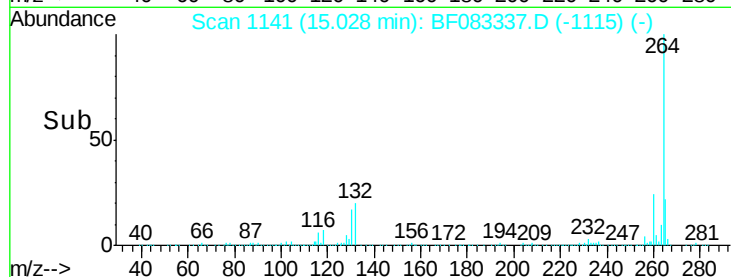
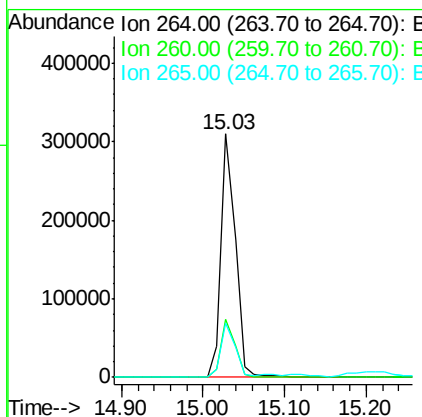
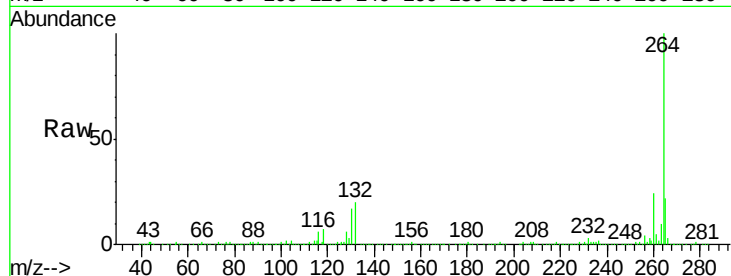
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF083337.D
Acq: 27 Nov 2015 19:26

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE2DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.2	18.2	27.4

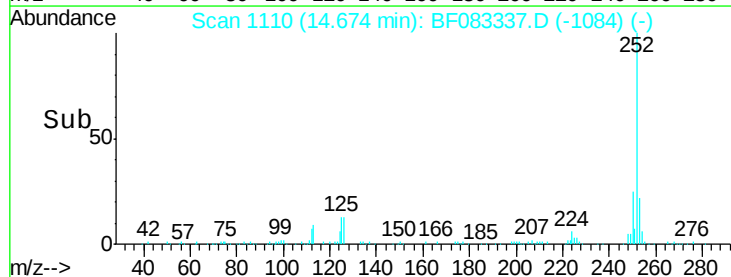
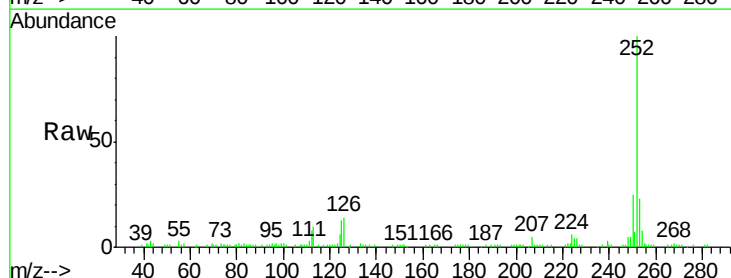
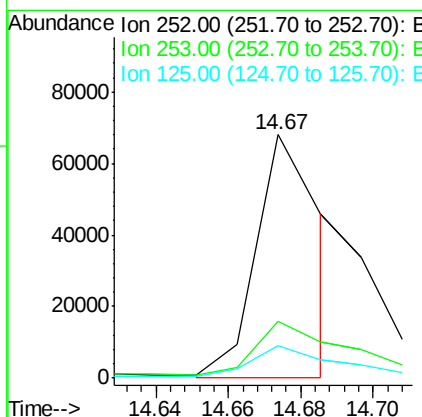
Manual Integrations
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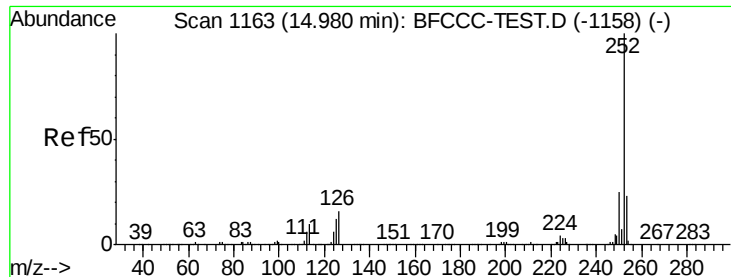
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12/1/2015 5:23:04 PM



#87
Benzo(b)fluoranthene
Concen: 3.28 ng m
RT: 14.67 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF083337.D
Acq: 27 Nov 2015 19:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	13.2	5.6	8.4#





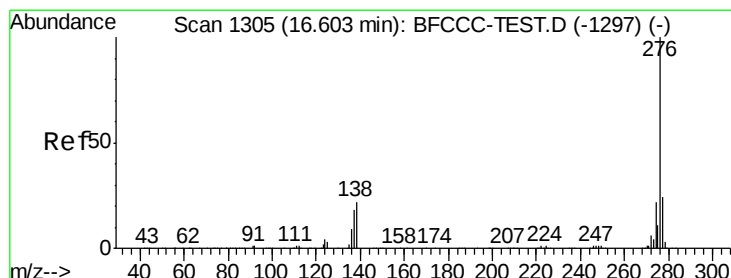
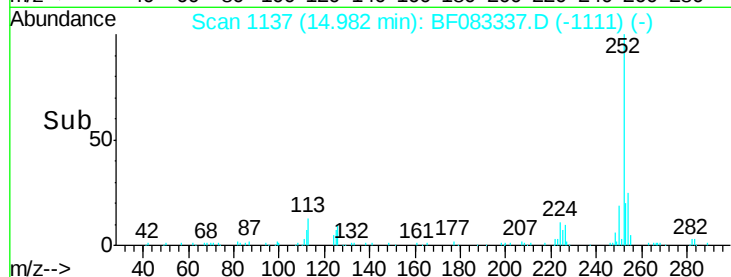
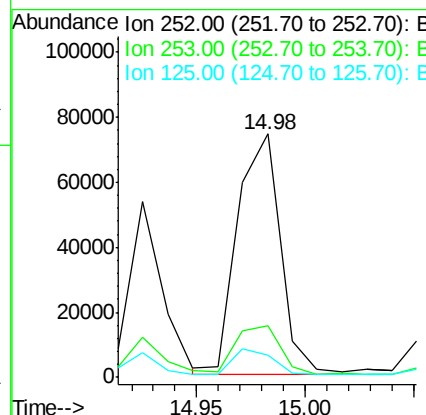
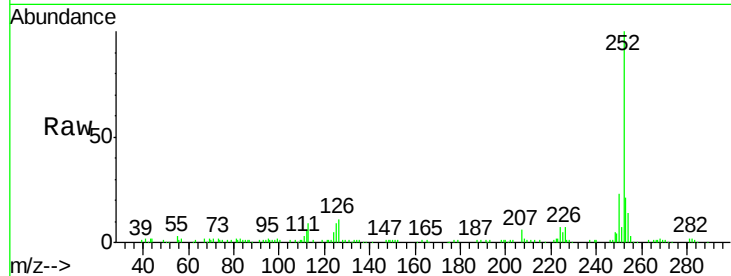
#89
Benzo(a)pyrene
Concen: 4.91 ng
RT: 14.98 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF083337.D
Acq: 27 Nov 2015 19:26

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	9.4	5.4	8.0

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 5:23:04 PM



#91
Benzo(g,h,i)perylene
Concen: 2.13 ng
RT: 16.59 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF083337.D
Acq: 27 Nov 2015 19:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.7	28.1
138	23.7	13.9	20.9

