

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081724.D
 Acq On : 21 Sep 2015 20:54
 Operator : UM/IZ
 Sample : G3717-10MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:15:33 PM

Quant Time: Sep 22 03:17:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39998	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	152944	20.00	ng	-0.06
38) Acenaphthene-d10	15.20	164	70365	20.00	ng	-0.06
63) Phenanthrene-d10	18.71	188	143511	20.00	ng	-0.04
75) Chrysene-d12	23.35	240	107511	20.00	ng	-0.03
86) Perylene-d12	24.79	264	78738	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	179788	69.74	ng	-0.02
7) Phenol-d6	7.60	99	152941	44.82	ng	-0.04
23) Nitrobenzene-d5	9.48	82	350775	110.65	ng	-0.06
41) 2,4,6-Tribromophenol	17.12	330	108691	173.48	ng	-0.04
44) 2-Fluorobiphenyl	13.72	172	598456	108.99	ng	-0.06
78) Terphenyl-d14	22.07	244	519721	112.53	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.57	88	31756m	27.43	ng	
3) Pyridine	2.10	79	42070	13.18	ng	# 73
4) n-Nitrosodimethylamine	2.05	42	39983	22.54	ng	# 60
6) Aniline	7.48	93	97722	20.28	ng	# 85
8) 2-Chlorophenol	7.72	128	106380	37.45	ng	# 76
9) Benzaldehyde	7.20	77	45100	21.09	ng	# 72
10) Phenol	7.62	94	57795	14.60	ng	# 41
11) bis(2-Chloroethyl)ether	7.69	93	133332	46.70	ng	# 87
12) 1,3-Dichlorobenzene	8.01	146	118647	39.09	ng	# 89
13) 1,4-Dichlorobenzene	8.20	146	120533	39.00	ng	# 89
14) 1,2-Dichlorobenzene	8.52	146	120328	43.24	ng	# 89
15) Benzyl Alcohol	8.62	79	85802	30.65	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	8.93	45	271776	49.66	ng	# 95
17) 2-Methylphenol	8.97	107	74276	32.77	ng	# 78
18) Hexachloroethane	9.25	117	47815	39.77	ng	# 88
19) n-Nitroso-di-n-propylamine	9.25	70	110305	47.49	ng	# 87
20) 3+4-Methylphenols	9.35	107	83082	27.19	ng	# 83
22) Acetophenone	9.16	105	198655	47.55	ng	# 72
24) Nitrobenzene	9.51	77	165776	50.36	ng	# 61
25) Isophorone	10.10	82	284619	48.27	ng	# 83
26) 2-Nitrophenol	10.24	139	62978	43.89	ng	# 23
27) 2,4-Dimethylphenol	10.53	122	103816	41.89	ng	# 75
28) bis(2-Chloroethoxy)methane	10.71	93	166966	49.02	ng	# 92
29) 2,4-Dichlorophenol	10.87	162	96443	44.88	ng	# 90
30) 1,2,4-Trichlorobenzene	10.97	180	109311	46.82	ng	# 96
31) Naphthalene	11.11	128	373297	45.77	ng	# 99
32) Benzoic acid	11.02	122	18731	12.57	ng	# 45
33) 4-Chloroaniline	11.36	127	76263	22.92	ng	# 81
34) Hexachlorobutadiene	11.46	225	66484	46.79	ng	# 100
35) Caprolactam	12.55	113	5686m	8.63	ng	
36) 4-Chloro-3-methylphenol	12.68	107	114874	47.76	ng	# 71
37) 2-Methylnaphthalene	12.77	142	260260	49.03	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.17	216	110799	49.79	ng	# 98
40) Hexachlorocyclopentadiene	13.15	237	81846	74.94	ng	# 95

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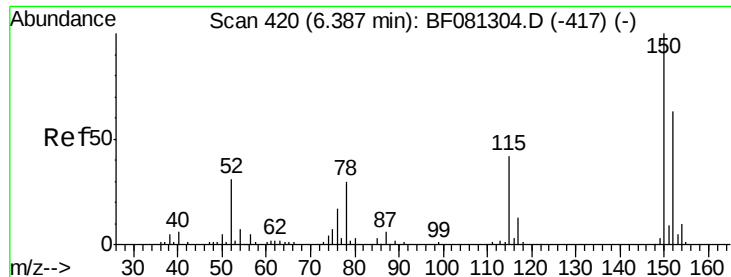
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	71777	46.74	nq	99
43) 2,4,5-Trichlorophenol	13.66	196	75045	47.90	nq	# 91
45) 1,1'-Biphenyl	13.91	154	316972	48.96	nq	96
46) 2-Chloronaphthalene	13.90	162	232762	49.79	nq	# 87
47) 2-Nitroaniline	14.27	65	103779	54.47	nq	# 58
48) Acenaphthylene	14.86	152	381050	45.94	nq	98
49) Dimethylphthalate	14.80	163	278376	50.92	nq	# 97
50) 2,6-Dinitrotoluene	14.91	165	57978	46.73	nq	# 45
51) Acenaphthene	15.28	154	224008	47.48	nq	92
52) 3-Nitroaniline	15.27	138	37118	26.28	nq	# 53
53) 2,4-Dinitrophenol	15.56	184	60777	94.61	nq	# 18
54) Dibenzofuran	15.71	168	345907	50.21	nq	# 84
55) 4-Nitrophenol	15.97	139	25484	28.72	nq	# 1
56) 2,4-Dinitrotoluene	15.85	165	79507	50.32	nq	# 44
57) Fluorene	16.52	166	273911	52.39	nq	95
58) 2,3,4,6-Tetrachlorophenol	16.08	232	57682m	48.22	nq	
59) Diethylphthalate	16.49	149	312114	54.27	nq	95
60) 4-Chlorophenyl-phenylether	16.61	204	132697	54.46	nq	# 86
61) 4-Nitroaniline	16.75	138	49810	34.90	nq	# 9
62) Azobenzene	16.97	77	345942	54.11	nq	81
64) 4,6-Dinitro-2-methylphenol	16.83	198	40266	50.16	nq	86
65) n-Nitrosodiphenylamine	16.94	169	231593	44.35	nq	91
66) 4-Bromophenyl-phenylether	17.75	248	71753	49.45	nq	# 89
67) Hexachlorobenzene	17.80	284	73925	48.72	nq	# 82
68) Atrazine	18.40	200	74357	49.20	nq	81
69) Pentachlorophenol	18.37	266	65950	88.27	nq	98
70) Phenanthrene	18.77	178	389150	48.78	nq	97
71) Anthracene	18.89	178	391611	47.78	nq	98
72) Carbazole	19.37	167	362419	47.12	nq	95
73) Di-n-butylphthalate	20.41	149	474167	52.20	nq	# 97
74) Fluoranthene	21.40	202	426741	49.41	nq	86
77) Pyrene	21.74	202	425562	53.44	nq	99
79) Butylbenzylphthalate	22.77	149	191658	55.34	nq	# 67
80) Benzo(a)anthracene	23.34	228	335499	49.00	nq	98
81) 3,3'-Dichlorobenzidine	23.36	252	14512	6.28	nq	# 95
82) Chrysene	23.39	228	317744	51.77	nq	97
83) Bis(2-ethylhexyl)phthalate	23.47	149	274772	60.12	nq	# 91
84) Di-n-octyl phthalate	24.12	149	395784	52.59	nq	# 93
85) Indeno(1,2,3-cd)pyrene	25.83	276	251681	55.89	nq	# 83
87) Benzo(b)fluoranthene	24.45	252	239809m	42.66	nq	
88) Benzo(k)fluoranthene	24.47	252	255952m	54.87	nq	
89) Benzo(a)pyrene	24.75	252	252831	53.08	nq	# 83
90) Dibenzo(a,h)anthracene	25.84	278	217410	59.07	nq	# 77
91) Benzo(g,h,i)perylene	26.13	276	203400	57.90	nq	# 75

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



#1

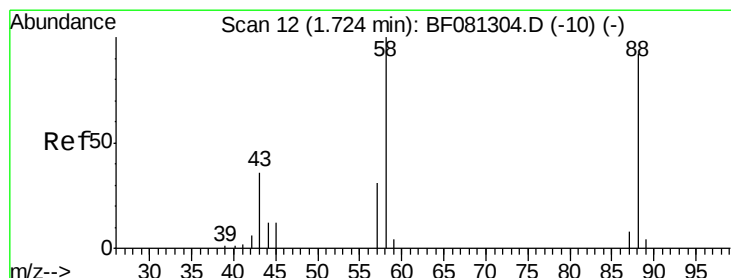
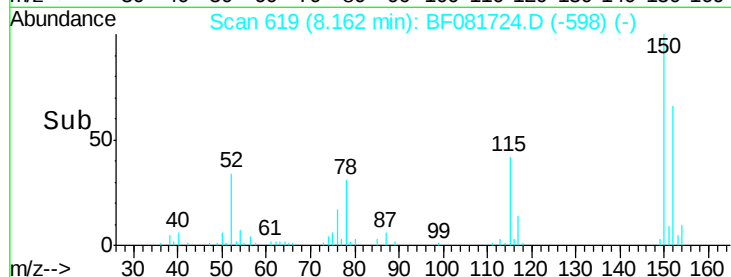
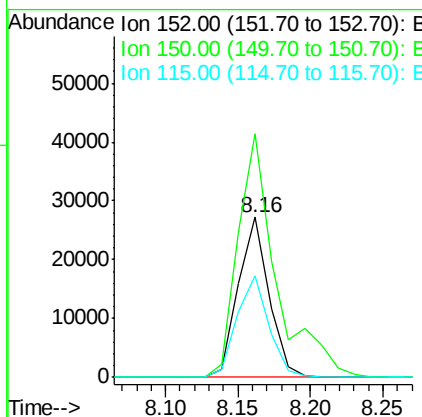
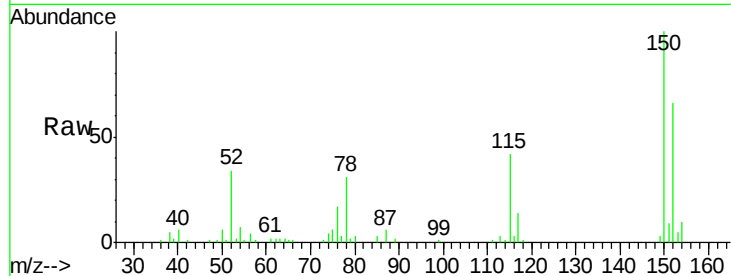
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Concen: 20.00 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.7	187.1
115	63.3	39.0	58.4

Manual Integrations
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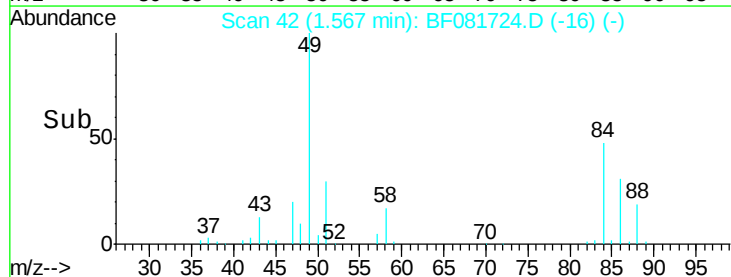
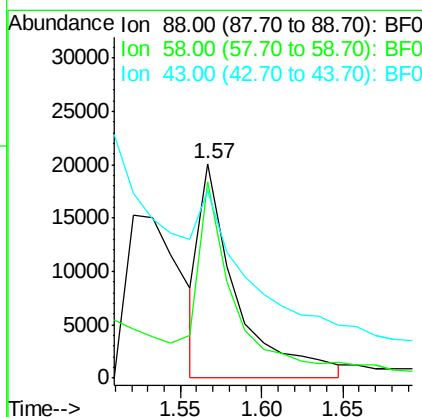
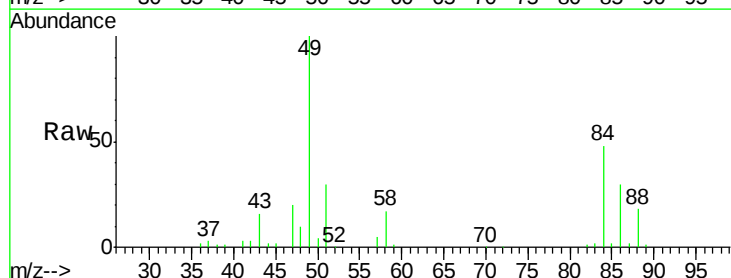
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9/22/2015 2:15:33 PM

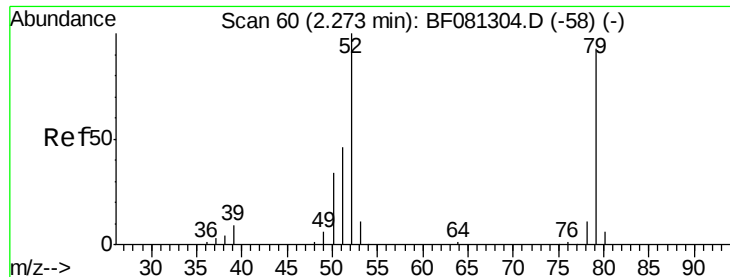


#2

1,4-Dioxane
Concen: 27.43 ng m
RT: 1.57 min Scan# 42
Delta R.T. 0.00 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	77.7	116.5
43	0.0	26.6	40.0





#3

Pvridine

Concen: 13.18 ng

RT: 2.10 min Scan# 89

Delta R.T. 0.02 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

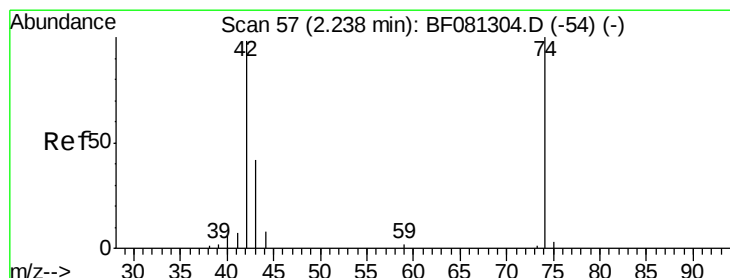
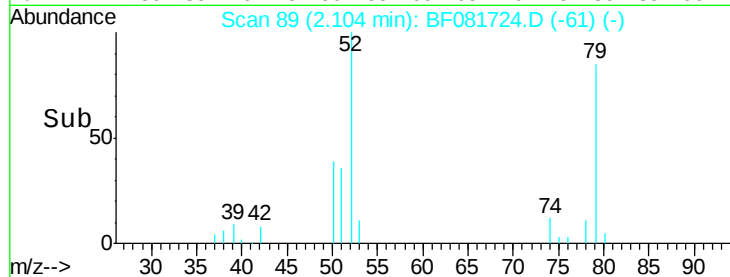
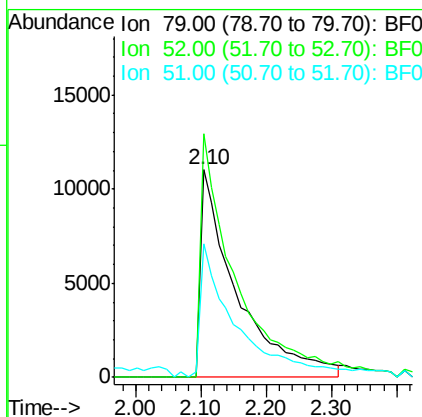
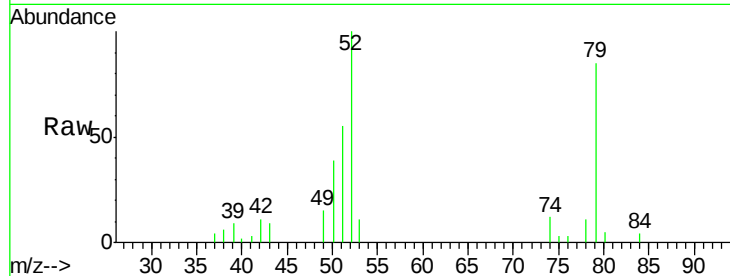
ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion:	79	Resp:	42070
Ion	Ratio	Lower	Upper
79	100		
52	117.3	76.8	115.2#
51	64.5	32.2	48.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 22.54 ng

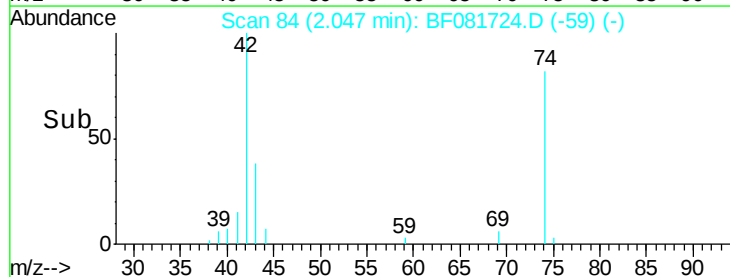
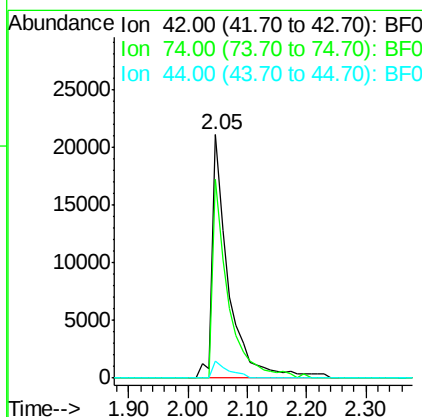
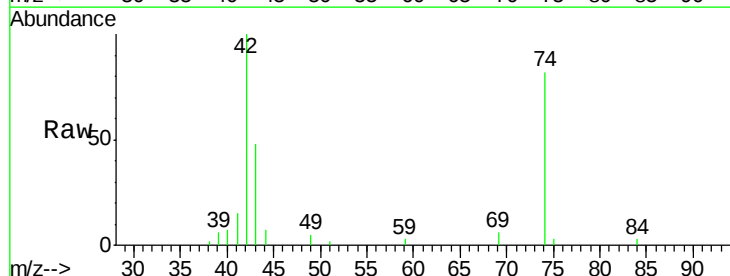
RT: 2.05 min Scan# 84

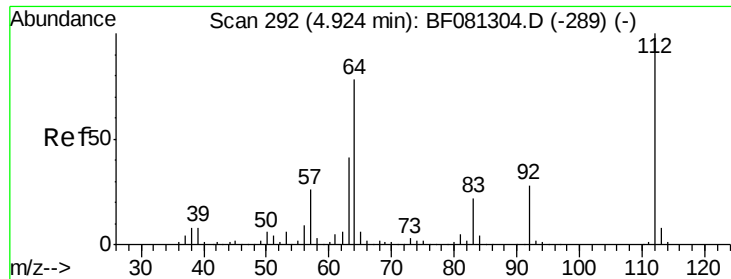
Delta R.T. -0.01 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion:	42	Resp:	39983
Ion	Ratio	Lower	Upper
42	100		
74	81.8	105.0	157.6#
44	7.0	6.6	10.0





#5

2-Fluorophenol

Concen: 69.74 ng

RT: 5.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

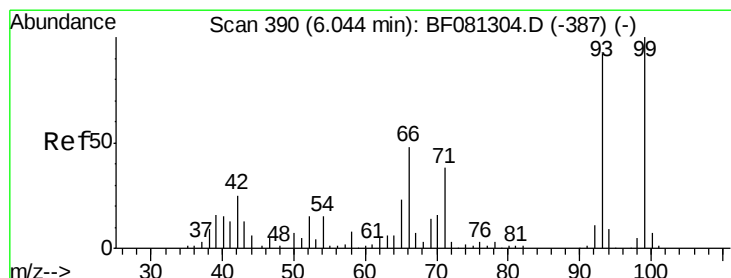
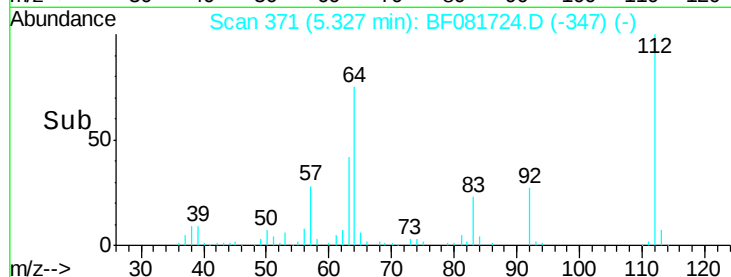
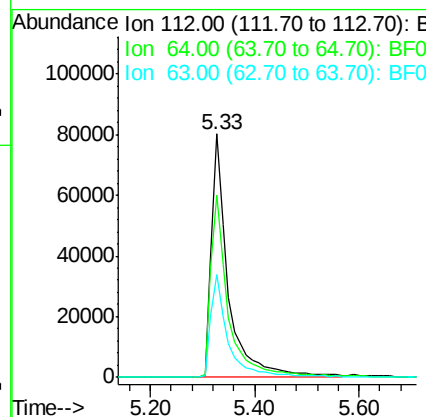
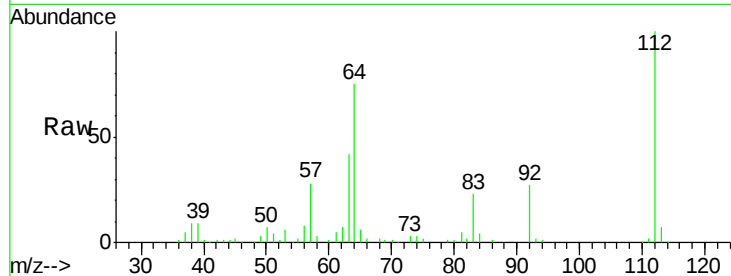
ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion:	112	Resp:	179788
Ion Ratio	Lower	Upper	
112	100		
64	74.6	39.7	59.5#
63	42.4	17.4	26.0#

Manual Integrations
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#6

Aniline

Concen: 20.28 ng

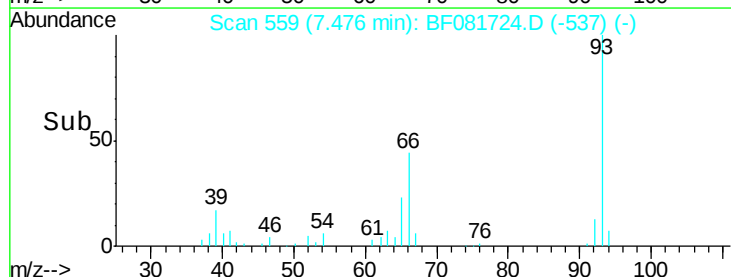
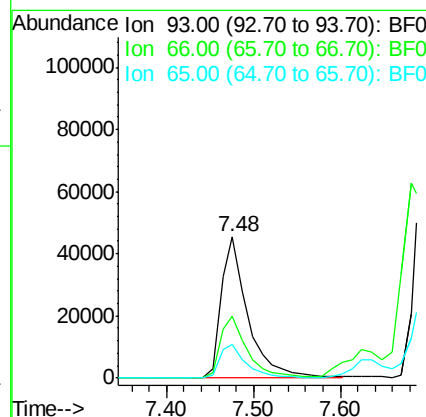
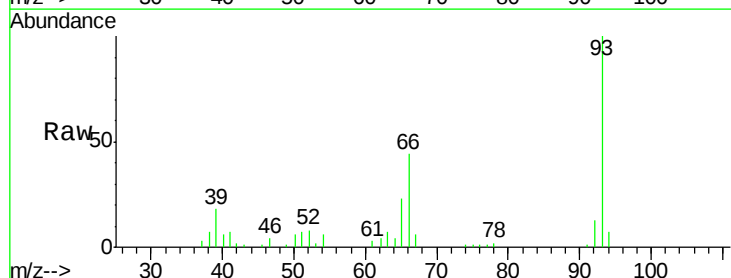
RT: 7.48 min Scan# 559

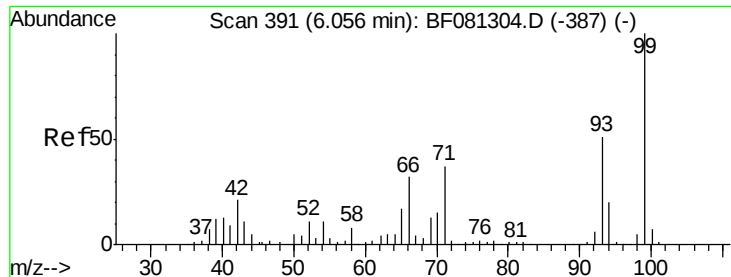
Delta R.T. -0.04 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion:	93	Resp:	97722
Ion Ratio	Lower	Upper	
93	100		
66	44.1	27.2	40.8#
65	23.4	14.7	22.1#





#7

Phenol-d6

Concen: 44.82 ng

RT: 7.60 min Scan# 570

Delta R.T. -0.04 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

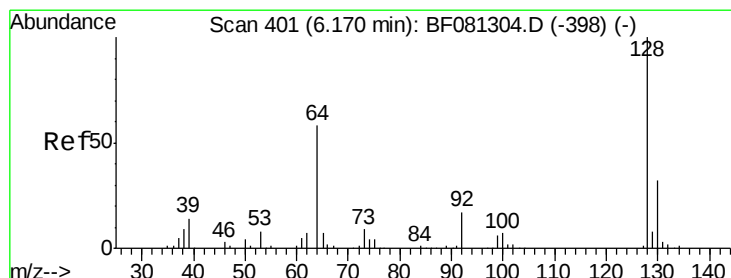
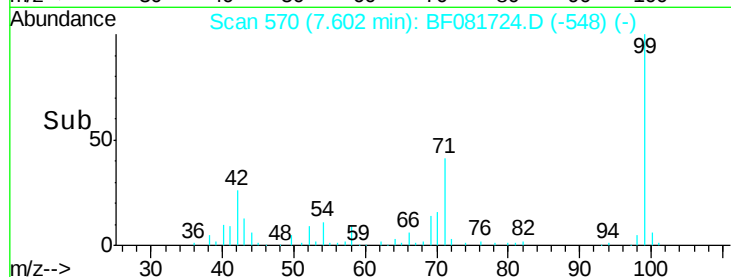
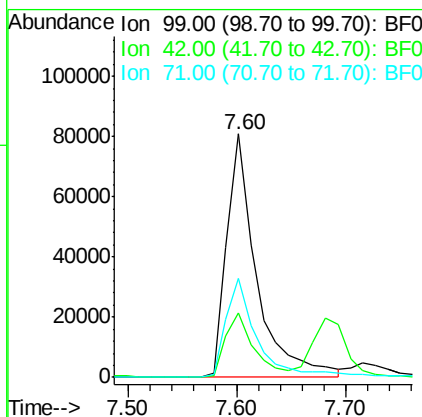
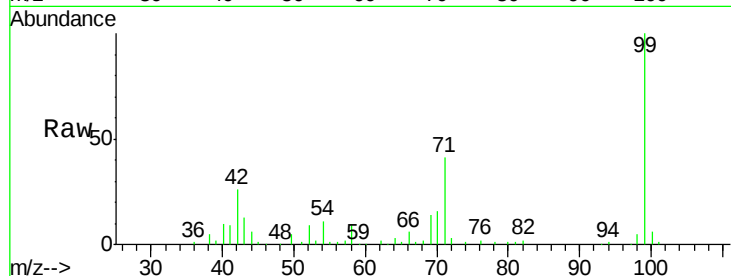
ClientSampleId :

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Tot Ion:	99	Resp:	152941
Ion Ratio	Lower	Upper	
99	100		
42	26.2	13.7	20.5#
71	40.9	14.2	21.2#

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#8

2-Chlorophenol

Concen: 37.45 ng

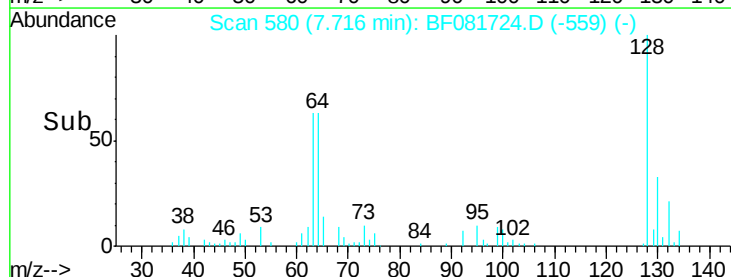
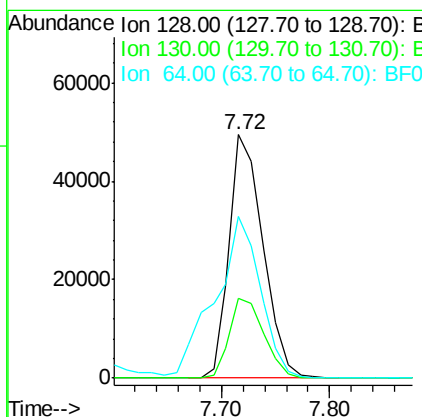
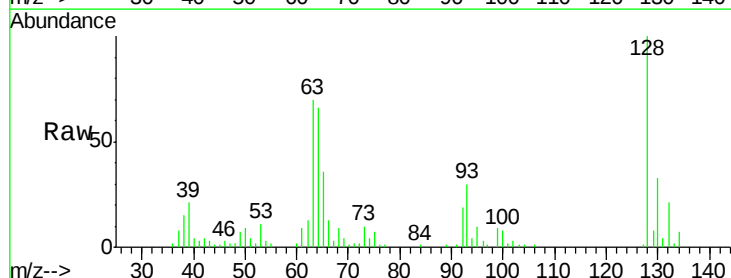
RT: 7.72 min Scan# 580

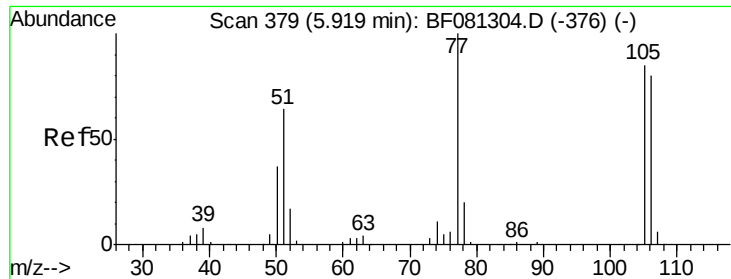
Delta R.T. -0.06 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion:	128	Resp:	106380
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.2	52.2
64	66.4	20.5	60.5#





#9

Benzaldehyde

Concen: 21.09 ng

RT: 7.20 min Scan# 535

Delta R.T. -0.03 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

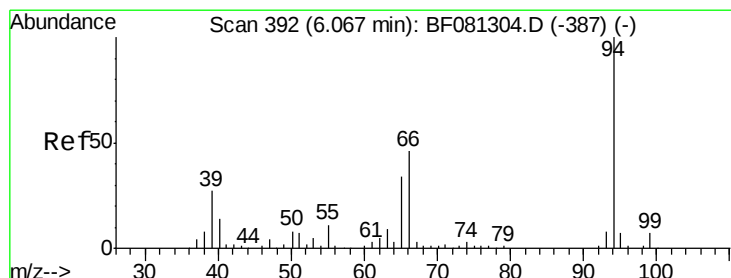
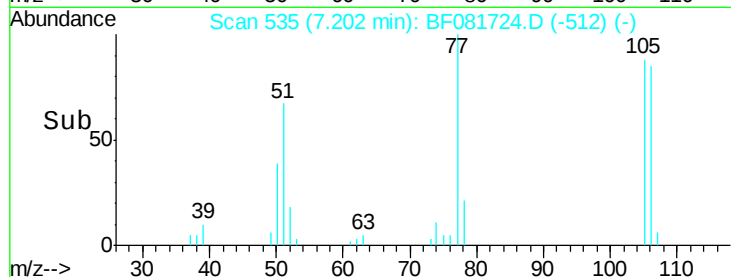
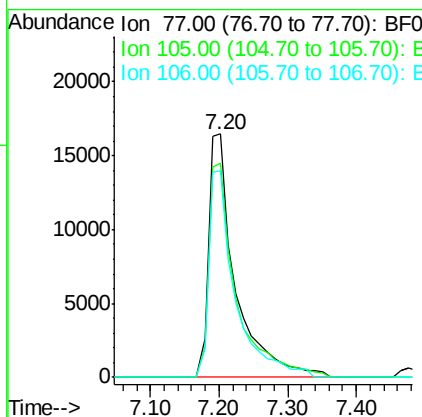
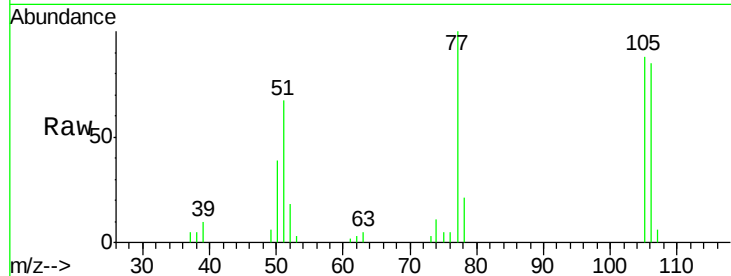
ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion:	77	Resp:	45100
Ion	Ratio	Lower	Upper
77	100		
105	88.2	91.6	131.6#
106	84.7	102.6	142.6#

Manual Integrations
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#10

Phenol

Concen: 14.60 ng

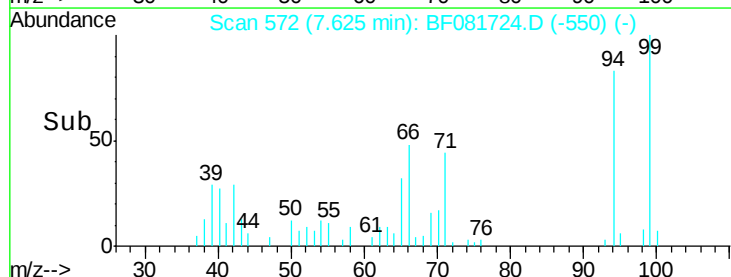
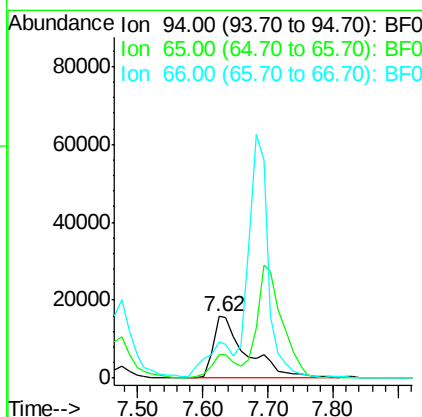
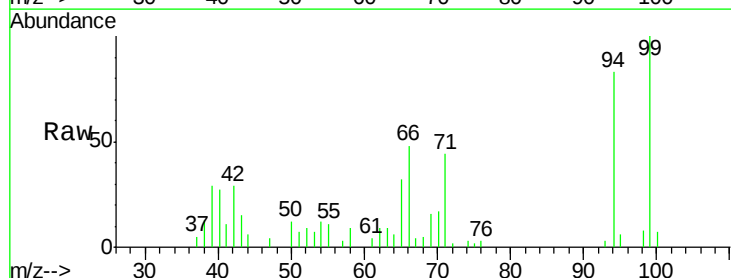
RT: 7.62 min Scan# 572

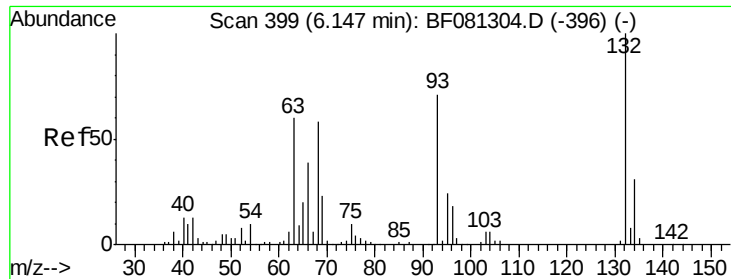
Delta R.T. -0.04 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion:	94	Resp:	57795
Ion	Ratio	Lower	Upper
94	100		
65	38.4	0.7	40.7
66	57.9	0.8	40.8#





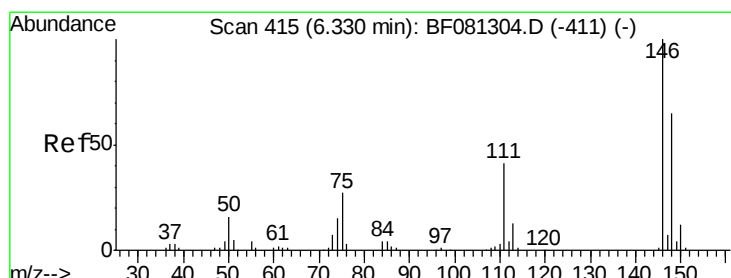
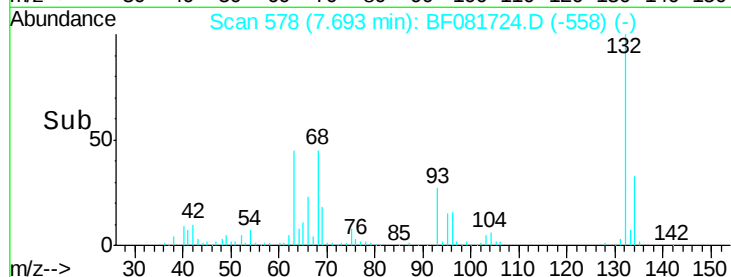
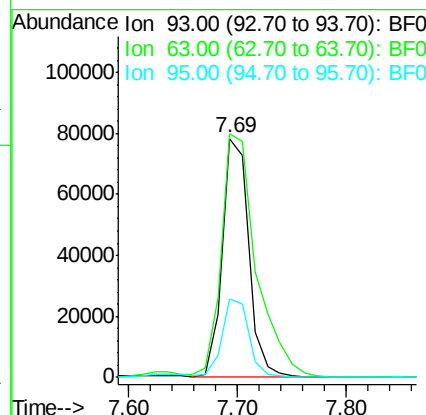
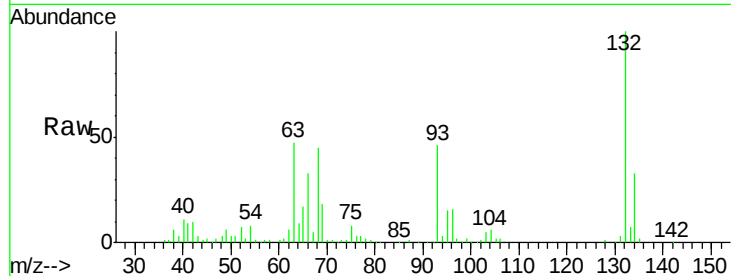
#11
bis(2-Chloroethyl)ether
Concen: 46.70 ng
RT: 7.69 min Scan# 578
Delta R.T. -0.07 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	102.0	65.6	105.6	
95	32.8	13.6	53.6	

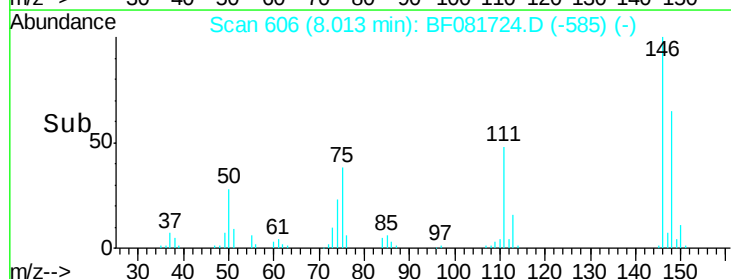
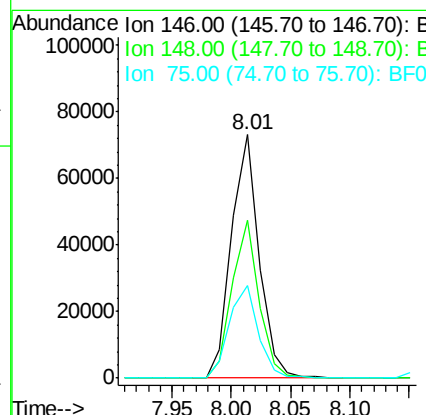
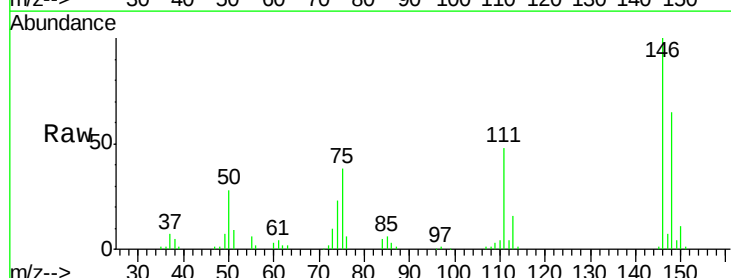
Manual Integrations
APPROVED

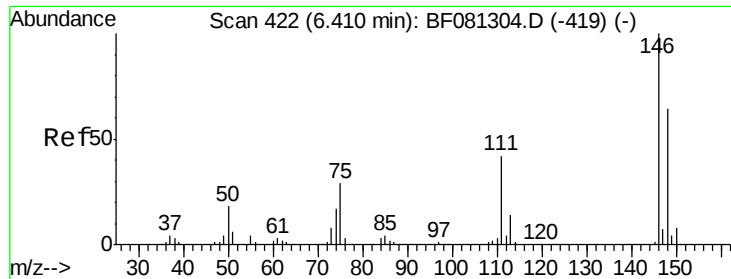
MMDadoda
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#12
1,3-Dichlorobenzene
Concen: 39.09 ng
RT: 8.01 min Scan# 606
Delta R.T. -0.06 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.6	51.0	76.4	
75	37.8	15.0	22.6	





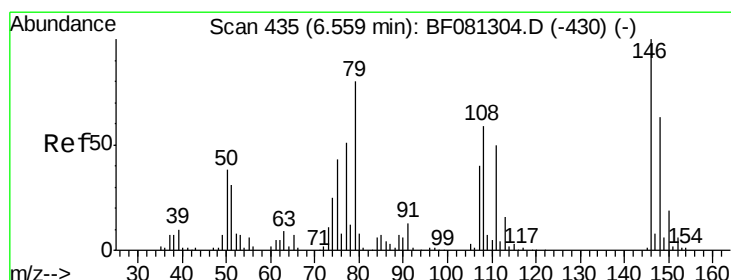
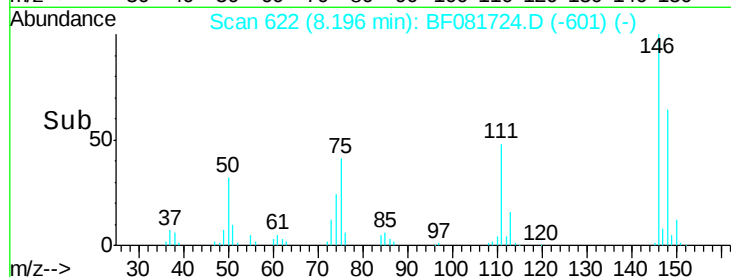
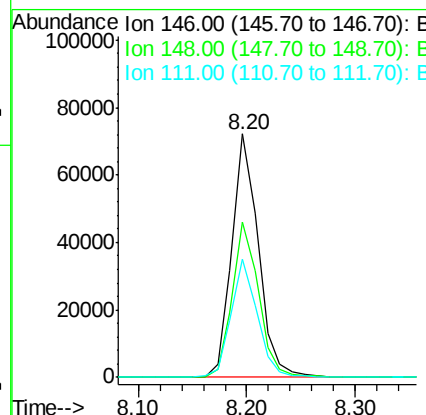
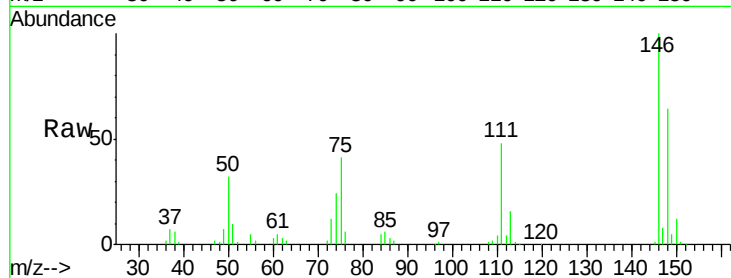
#13
 1,4-Dichlorobenzene
 Concen: 39.00 ng
 RT: 8.20 min Scan# 622
 Delta R.T. -0.06 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	48.4	24.9	37.3

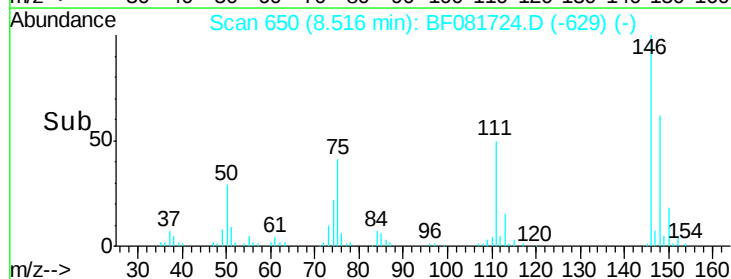
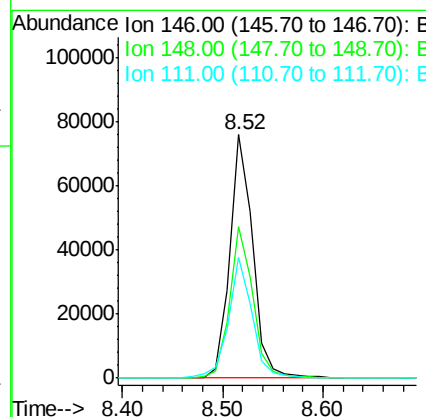
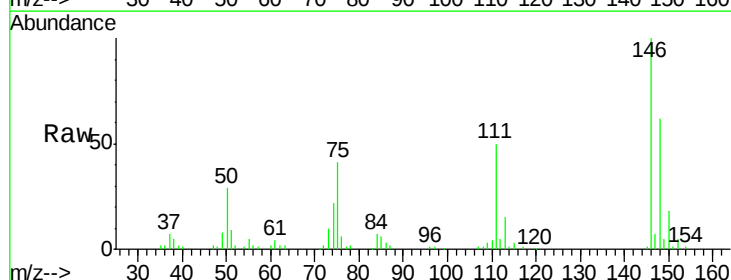
Manual Integrations
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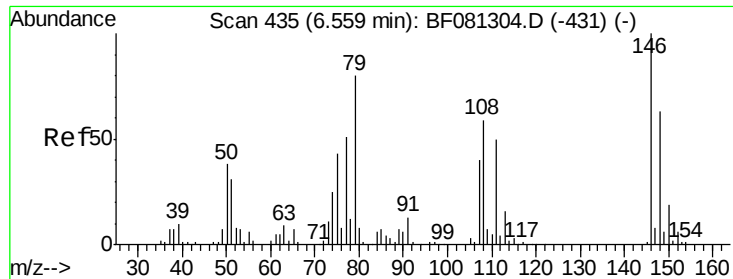
MMDadoda
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#14
 1,2-Dichlorobenzene
 Concen: 43.24 ng
 RT: 8.52 min Scan# 650
 Delta R.T. -0.06 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	52.7	79.1
111	49.6	28.8	43.2





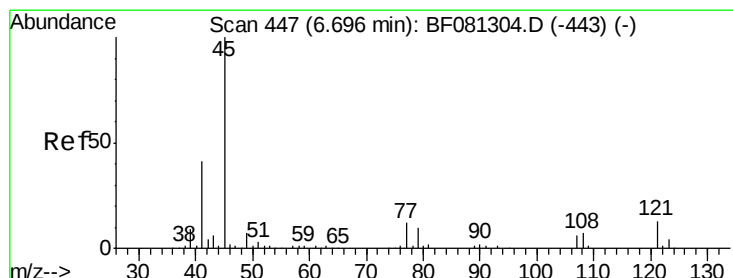
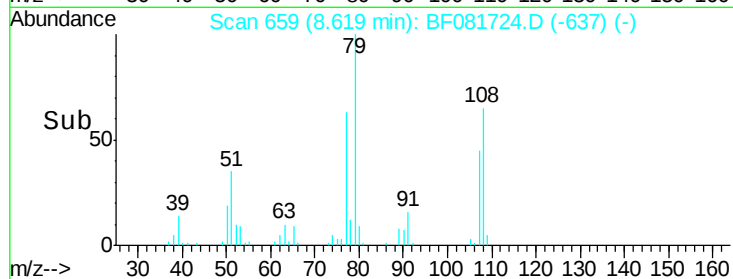
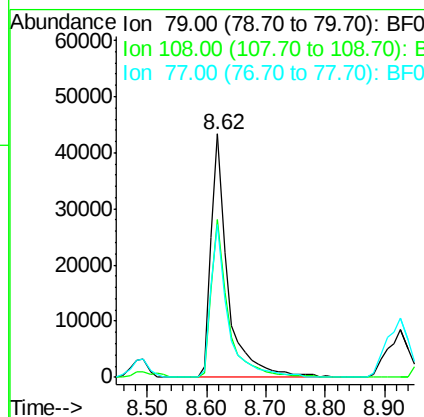
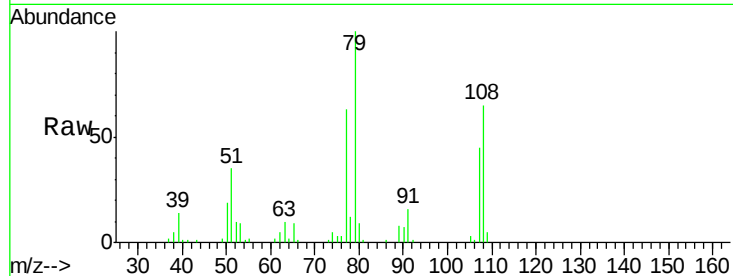
#15
Benzyl Alcohol
Concen: 30.65 ng
RT: 8.62 min Scan# 659
Delta R.T. -0.04 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.0	88.6	132.8#
77	62.6	47.0	70.4

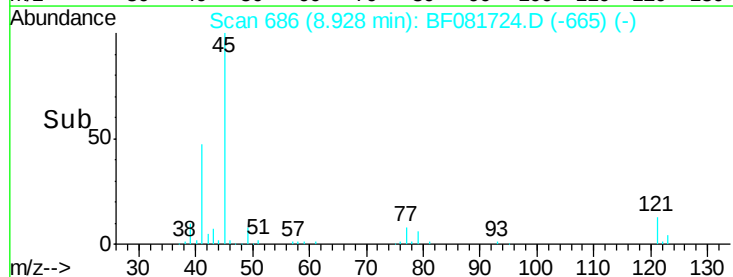
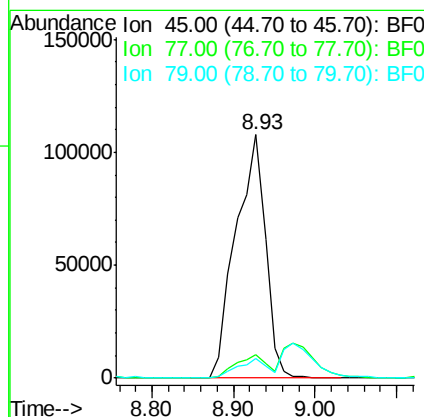
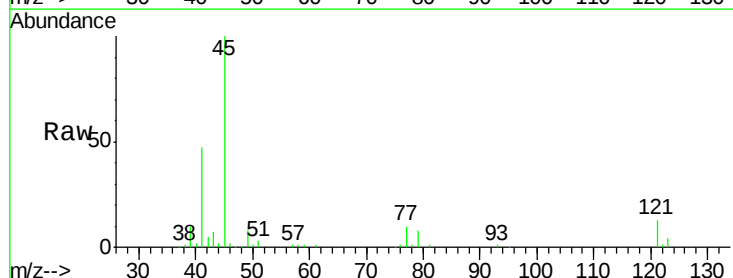
Manual Integrations
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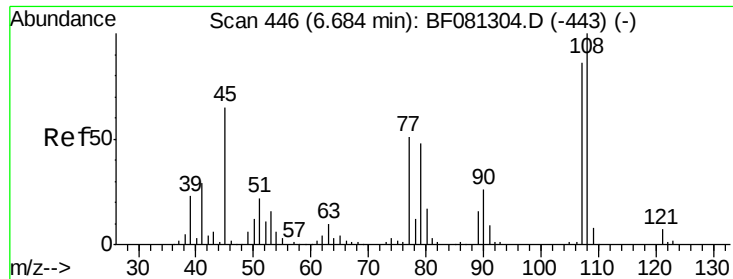
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#16
2,2'-oxybis(1-chloropropane)
Concen: 49.66 ng
RT: 8.93 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.9	0.0	28.1
79	7.9	0.0	26.0





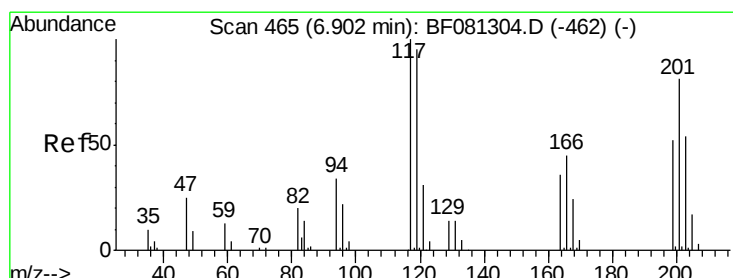
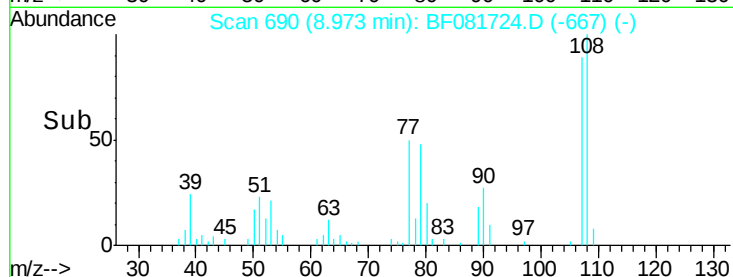
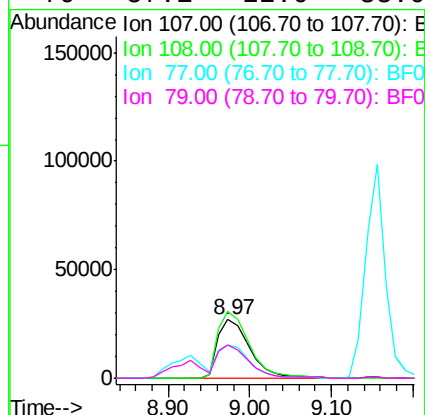
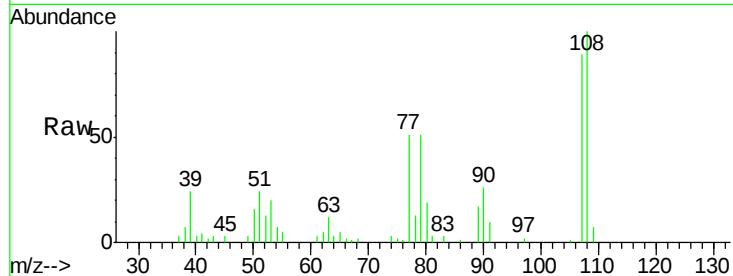
#17
2-Methylphenol
Concen: 32.77 ng
RT: 8.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tot Ion:	107	Resp:	74276
Ion Ratio	Lower	Upper	
107	100		
108	113.0	96.6	145.0
77	57.8	23.3	34.9
79	57.1	22.0	33.0

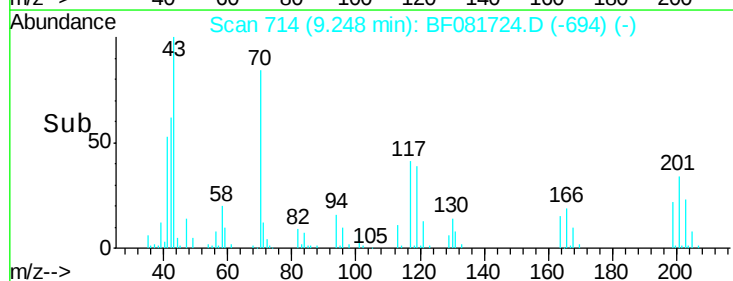
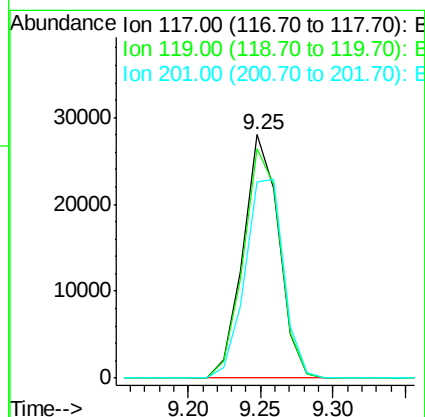
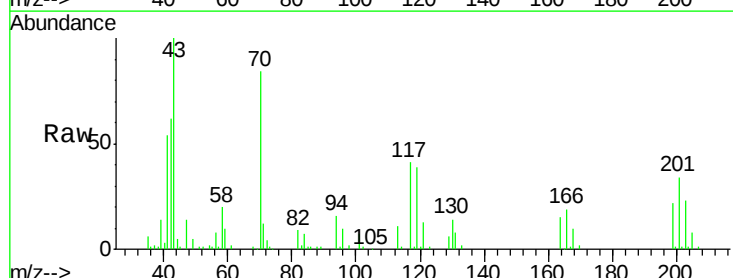
Manual Integrations
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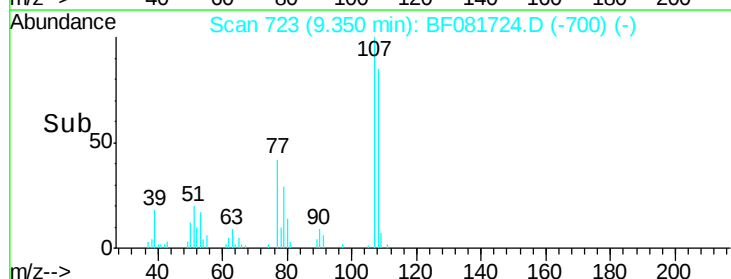
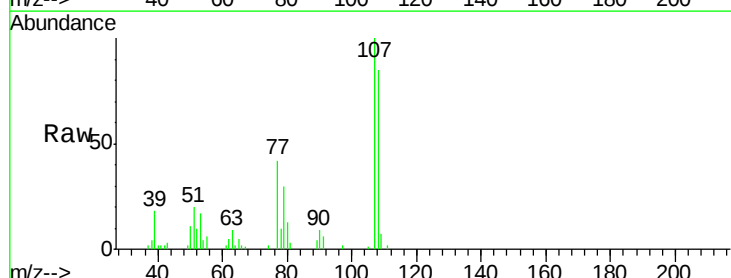
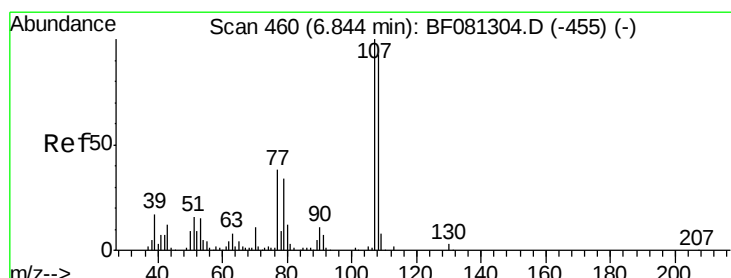
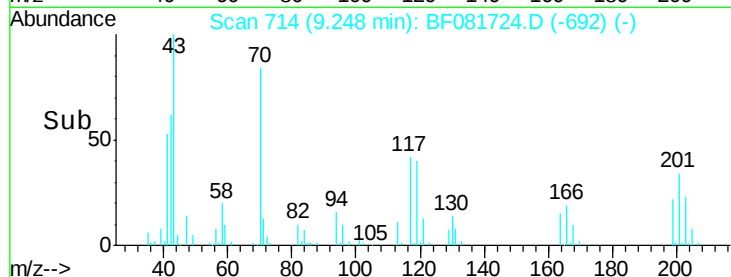
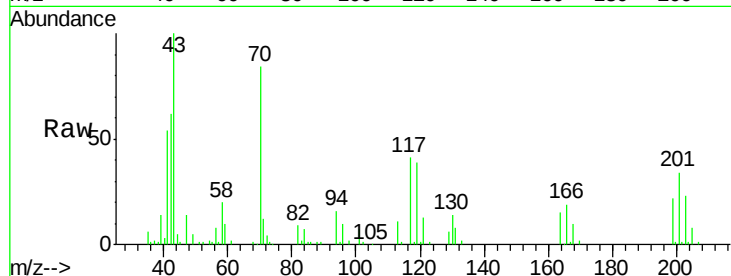
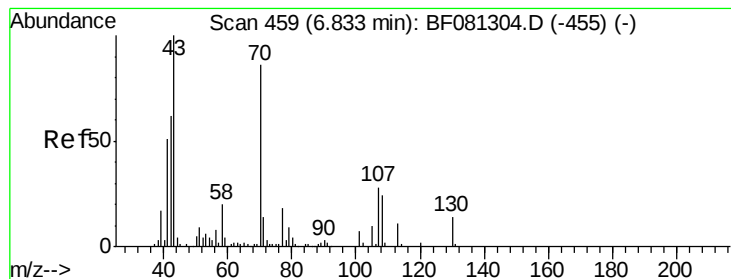
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#18
Hexachloroethane
Concen: 39.77 ng
RT: 9.25 min Scan# 714
Delta R.T. -0.07 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion:	117	Resp:	47815
Ion Ratio	Lower	Upper	
117	100		
119	94.4	83.8	125.6
201	80.8	55.1	82.7





#19

n-Nitroso-di-n-propylamine

Concen: 47.49 ng

RT: 9.25 min Scan# 714

Delta R.T. -0.04 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion: 70 Resp: 110305

Ion Ratio Lower Upper

70 100

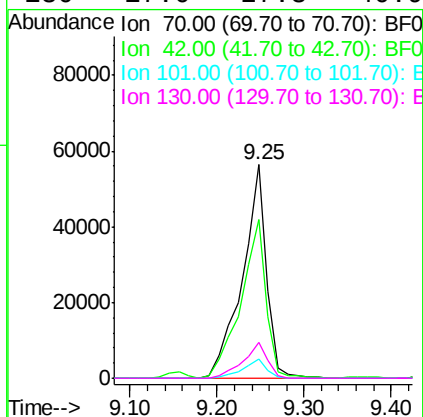
42 74.1 63.8 95.6

101 8.9 9.2 13.8#

130 17.0 27.3 40.9#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 27.19 ng

RT: 9.35 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion: 107 Resp: 83082

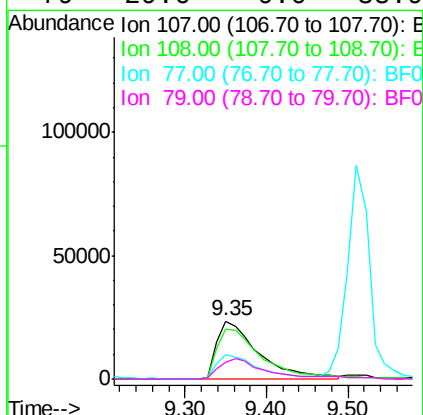
Ion Ratio Lower Upper

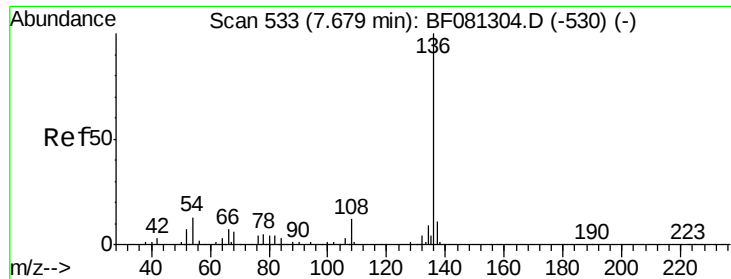
107 100

108 84.8 74.6 114.6

77 41.6 0.7 40.7#

79 29.6 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081724.D

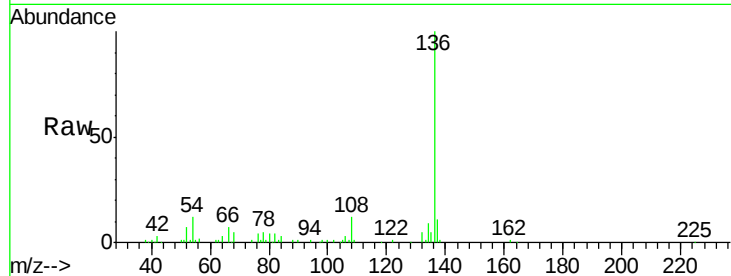
Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

ClientSampleId :

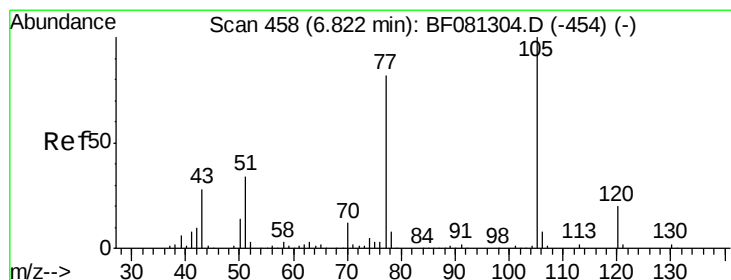
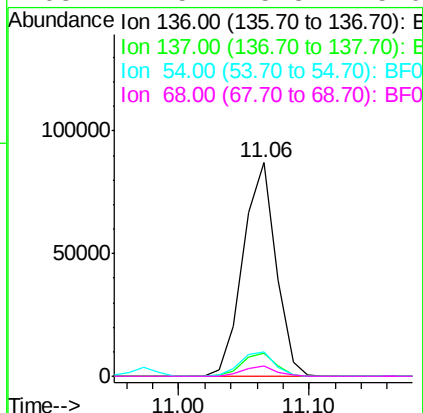
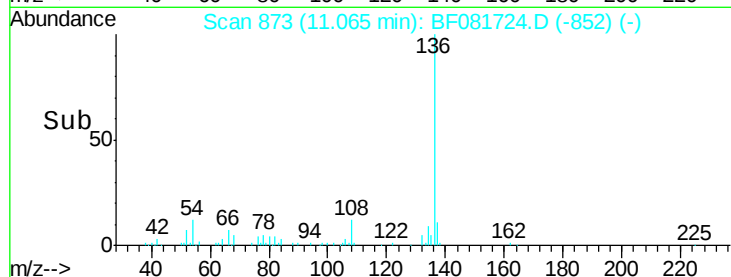
PZ-1-9-17-15MSD



Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.0	13.6	
54	11.5	8.2	12.2	
68	4.5	5.8	8.6#	

Manual Integrations
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#22

Acetophenone

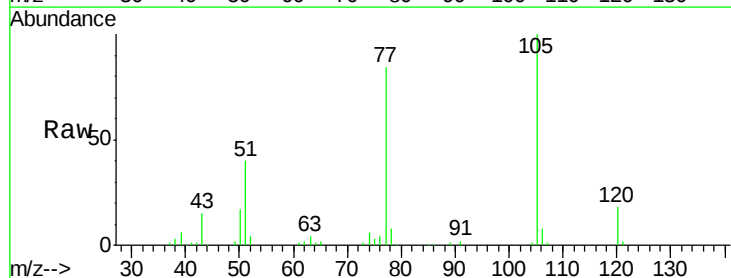
Concen: 47.55 ng

RT: 9.16 min Scan# 706

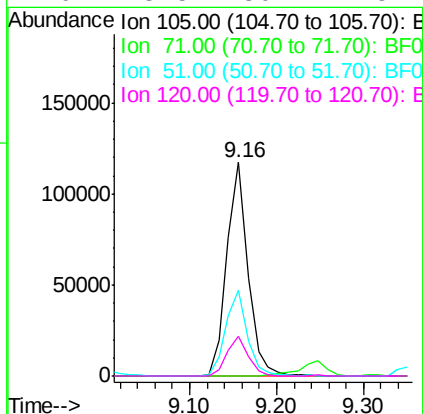
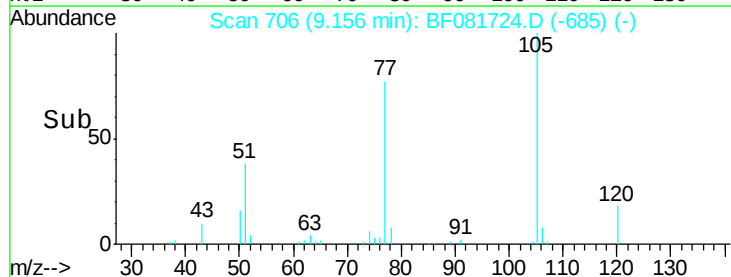
Delta R.T. -0.06 min

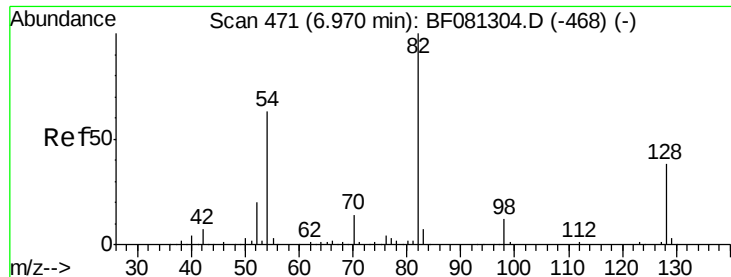
Lab File: BF081724.D

Acq: 21 Sep 2015 20:54



Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	4.7	7.1#	
51	40.0	22.0	33.0#	
120	18.5	30.1	45.1#	





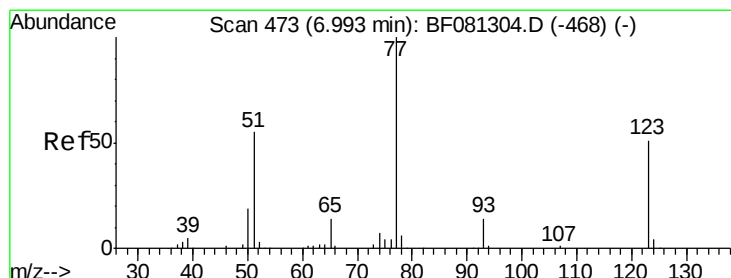
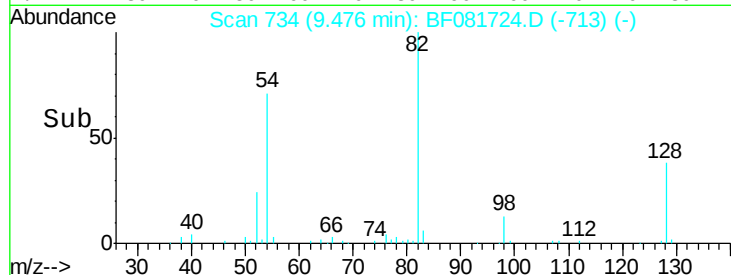
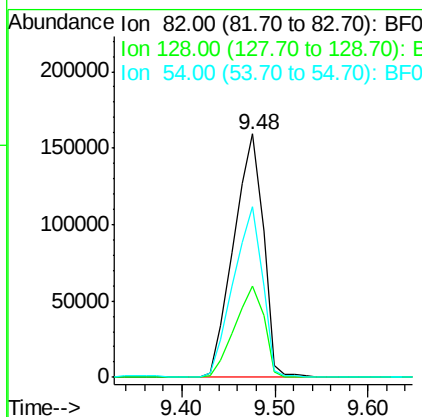
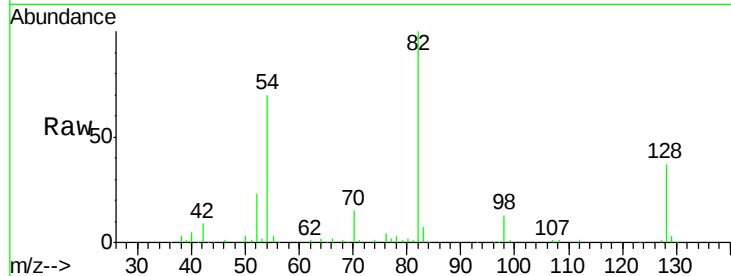
#23
 Nitrobenzene-d5
 Concen: 110.65 ng
 RT: 9.48 min Scan# 734
 Delta R.T. -0.06 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.4	51.0	76.6#	
54	70.3	47.5	71.3	

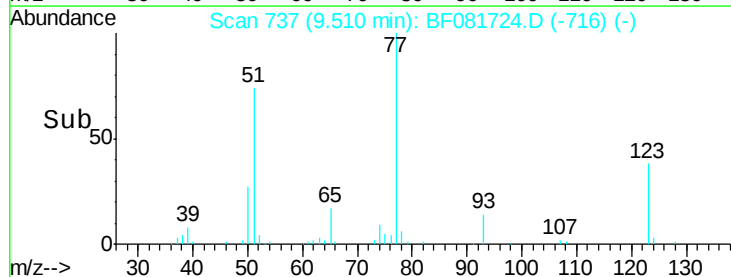
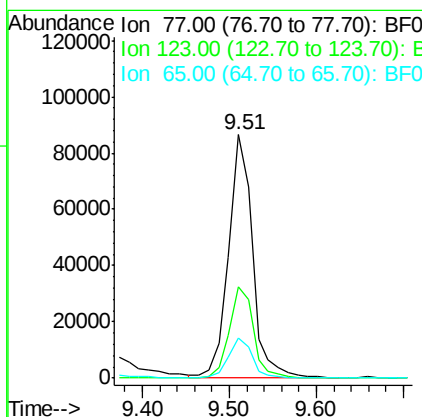
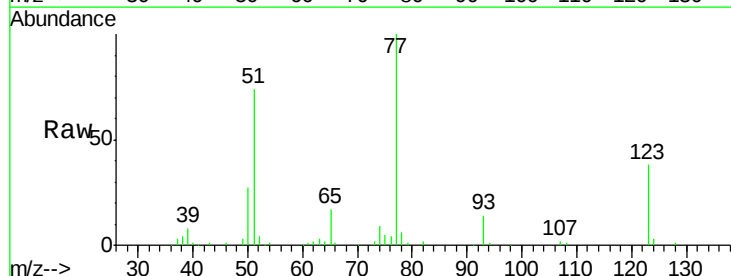
Manual Integrations
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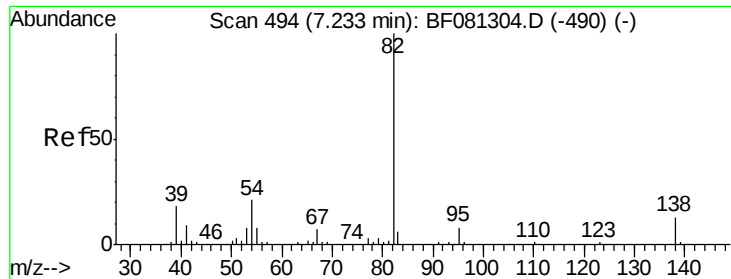
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 9/22/2015 2:15:33 PM



#24
 Nitrobenzene
 Concen: 50.36 ng
 RT: 9.51 min Scan# 737
 Delta R.T. -0.06 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.7	59.8	89.8#	
65	16.6	10.2	15.4#	





#25

Isophorone

Concen: 48.27 ng

RT: 10.10 min Scan# 789

Delta R.T. -0.06 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

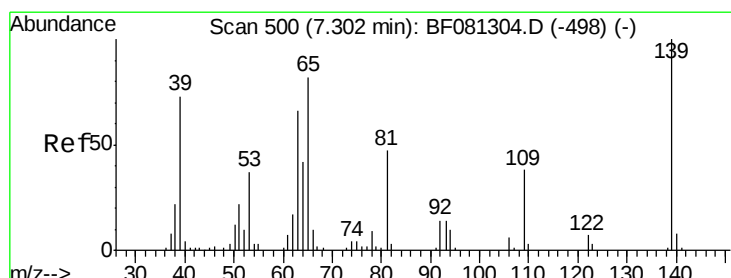
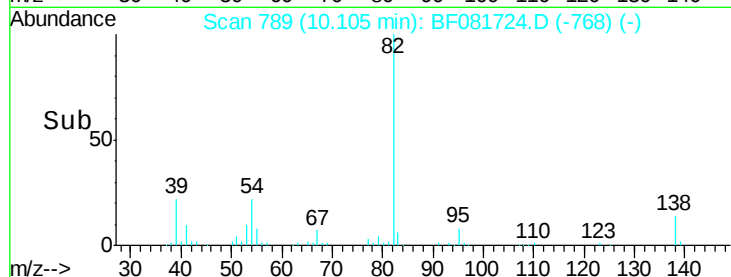
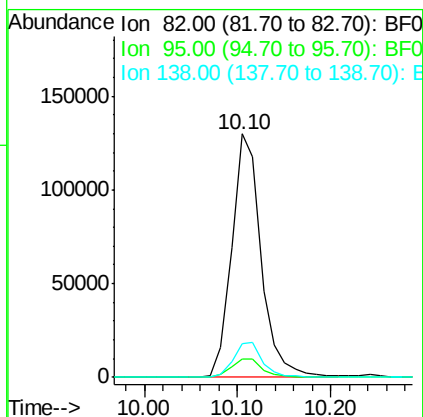
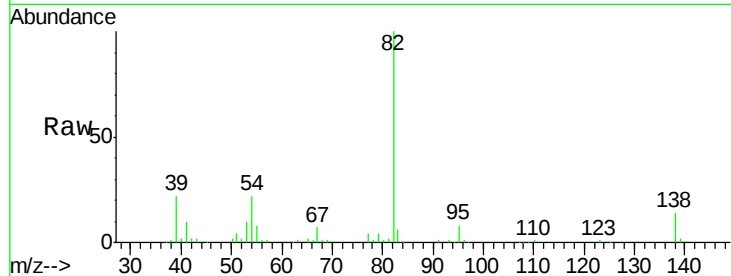
ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion:	82	Resp:	284619
Ion Ratio		Lower	Upper
82	100		
95	7.7	4.0	6.0#
138	14.0	18.3	27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.89 ng

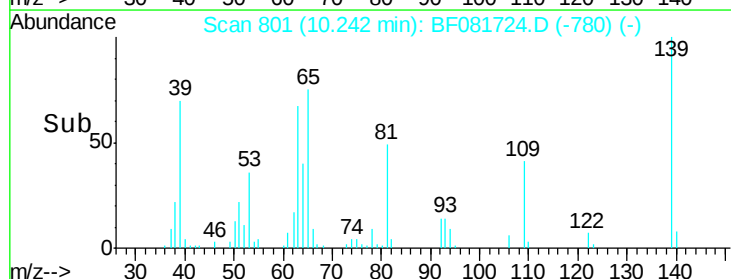
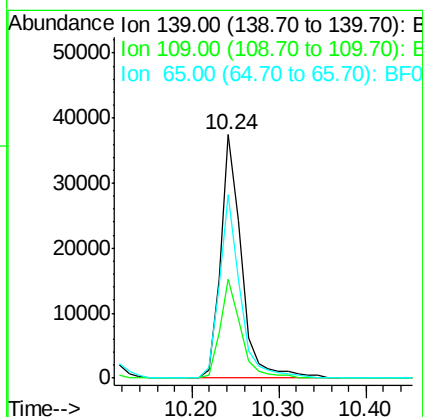
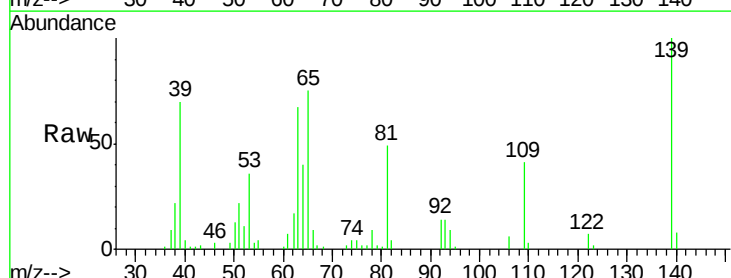
RT: 10.24 min Scan# 801

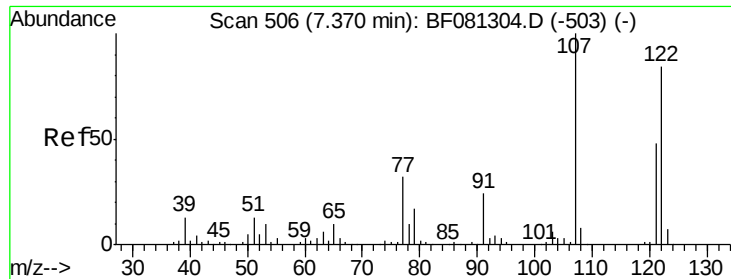
Delta R.T. -0.06 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion:	139	Resp:	62978
Ion Ratio		Lower	Upper
139	100		
109	40.8	11.0	16.4#
65	75.3	24.7	37.1#





#27

2,4-Dimethylphenol

Concen: 41.89 ng

RT: 10.53 min Scan# 826

Delta R.T. -0.04 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

ClientSampleId :

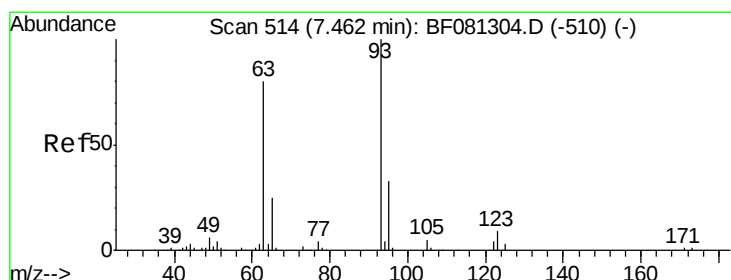
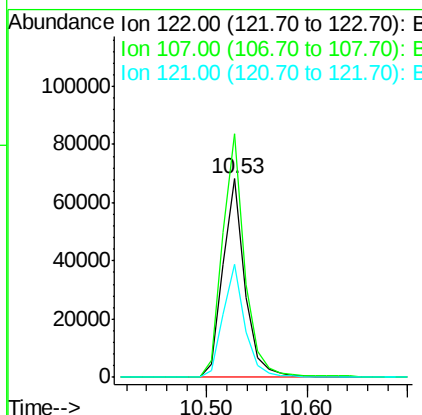
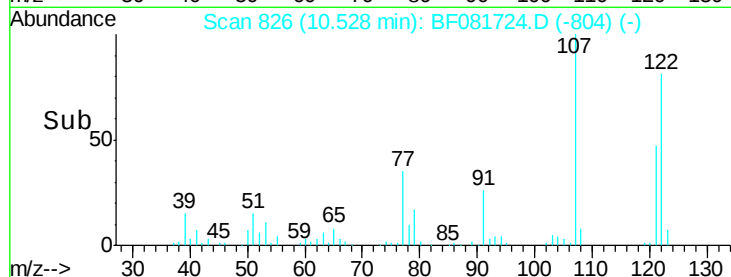
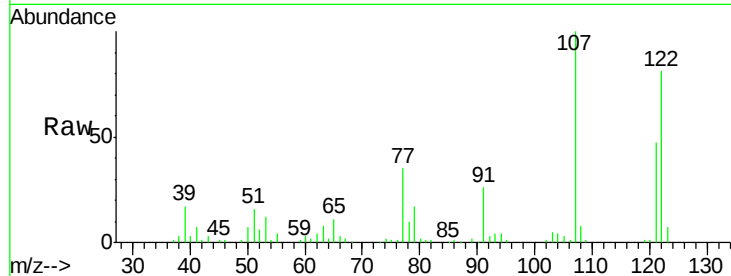
PZ-1-9-17-15MSD

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	122.8	71.8	107.6#		
121	57.4	42.3	63.5		



#28

bis(2-Chloroethoxy)methane

Concen: 49.02 ng

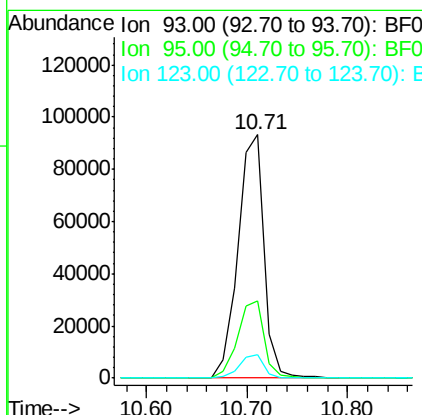
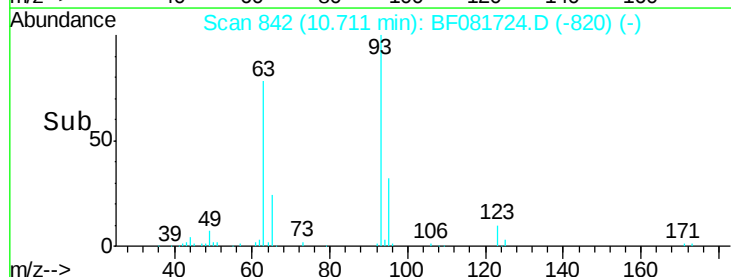
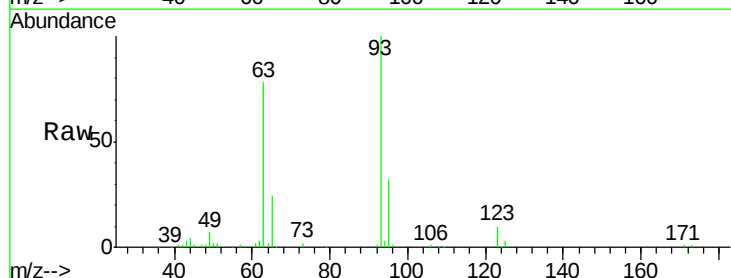
RT: 10.71 min Scan# 842

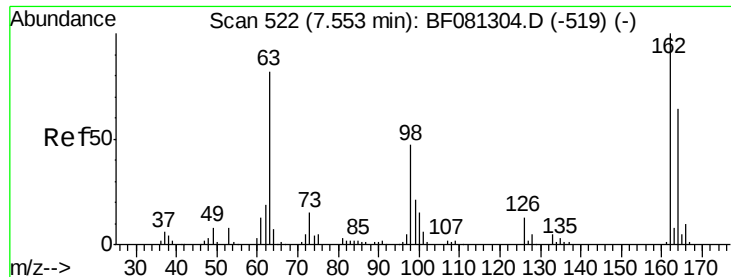
Delta R.T. -0.04 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.0	27.5	41.3		
123	9.7	13.7	20.5#		





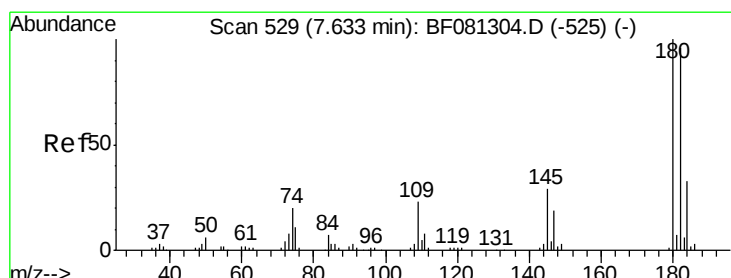
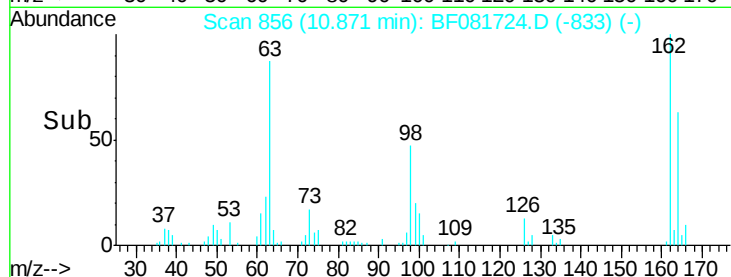
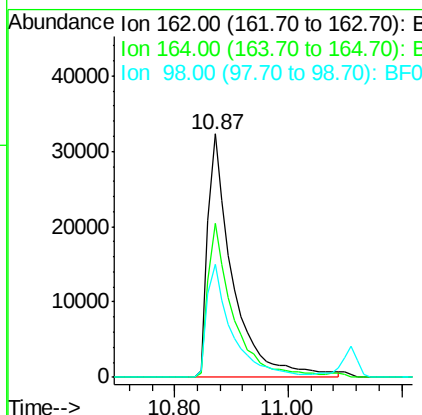
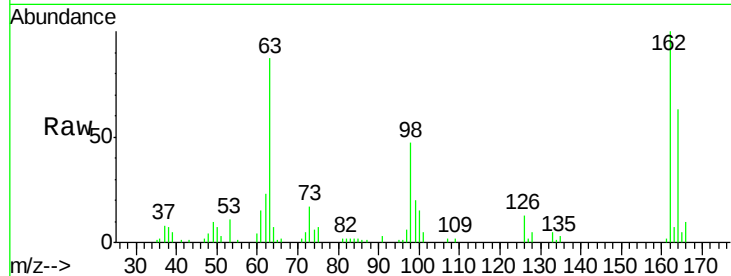
#29
 2,4-Dichlorophenol
 Concen: 44.88 ng
 RT: 10.87 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	96443		
164	63.1	44.9	84.9	
98	46.5	13.0	53.0	

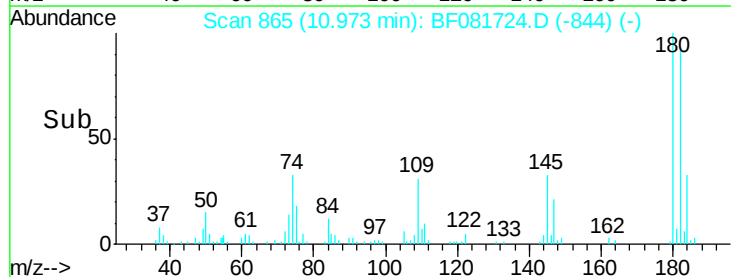
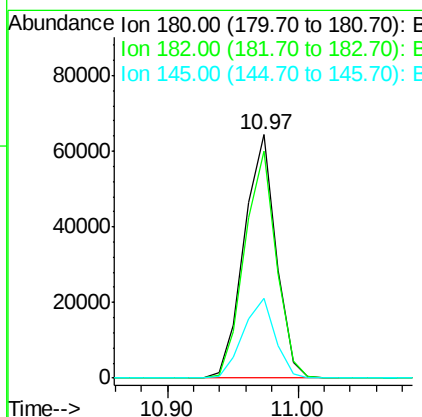
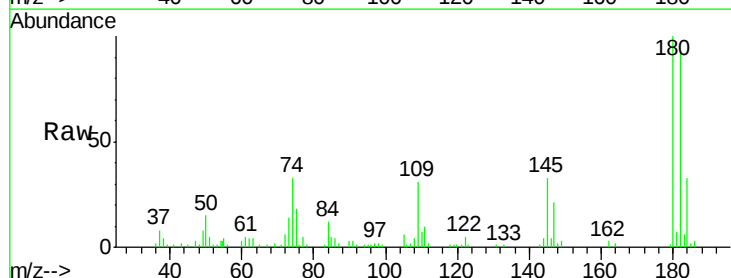
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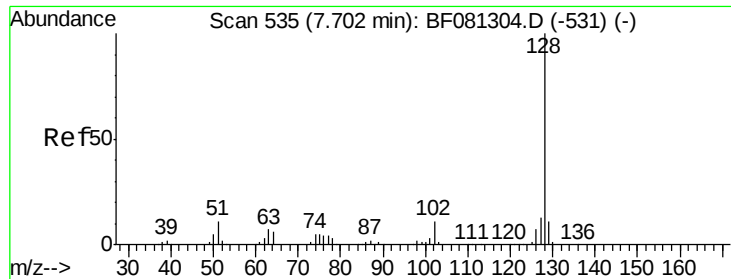
MMDadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.82 ng
 RT: 10.97 min Scan# 865
 Delta R.T. -0.06 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	109311		
182	93.0	77.1	115.7	
145	32.8	23.3	34.9	





#31

Naphthalene

Concen: 45.77 ng

RT: 11.11 min Scan# 877

Delta R.T. -0.06 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

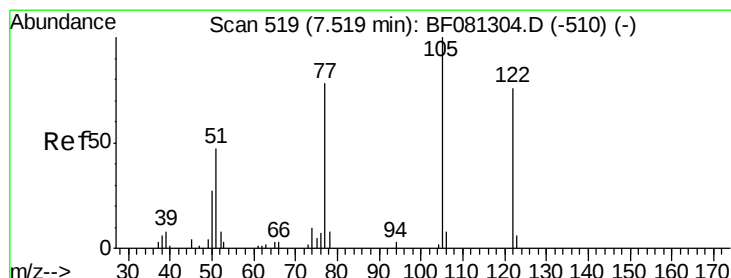
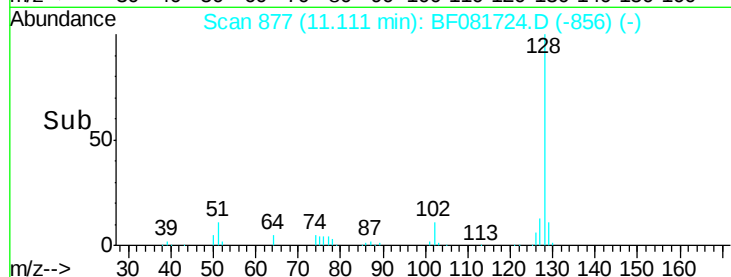
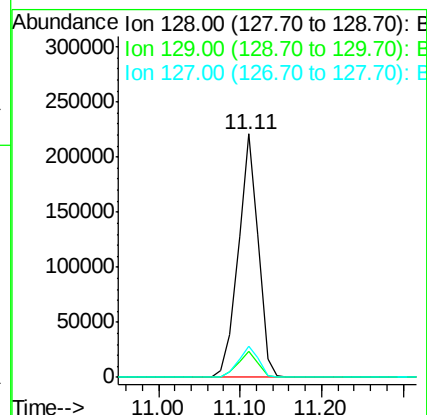
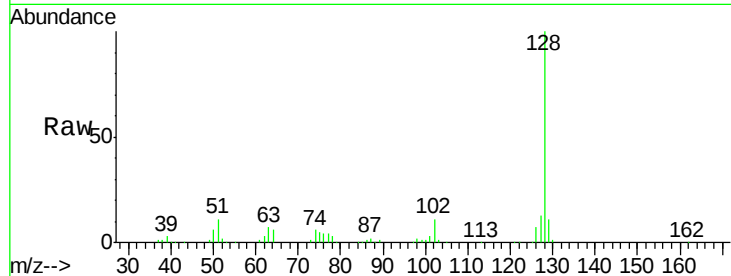
ClientSampleId :

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Tot Ion:	128	Resp:	373297
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.4	12.6
127	12.8	9.9	14.9

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#32

Benzoic acid

Concen: 12.57 ng

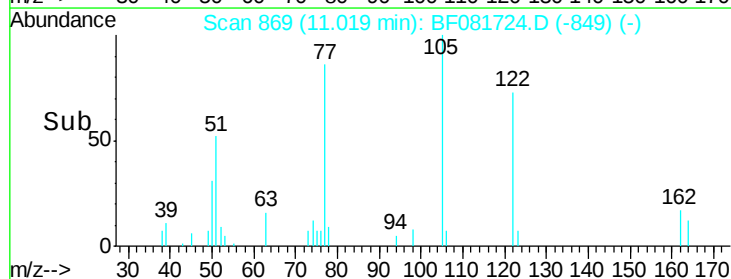
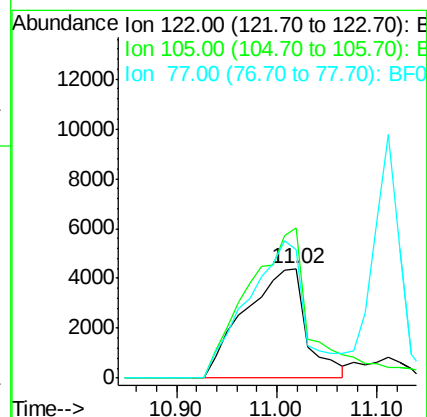
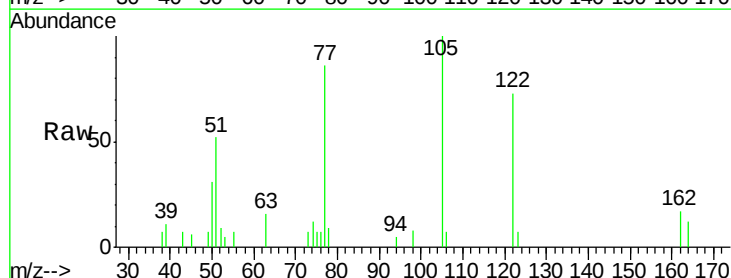
RT: 11.02 min Scan# 869

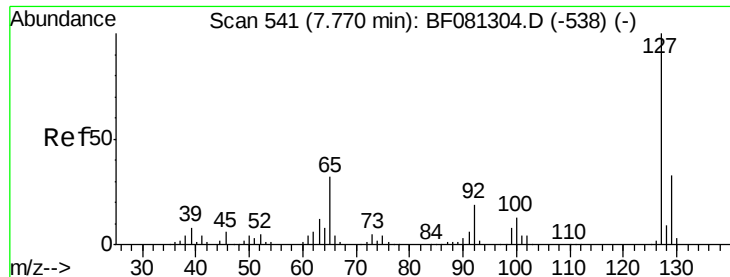
Delta R.T. -0.07 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion:	122	Resp:	18731
Ion Ratio	Lower	Upper	
122	100		
105	137.0	76.1	116.1#
77	117.6	40.5	80.5#





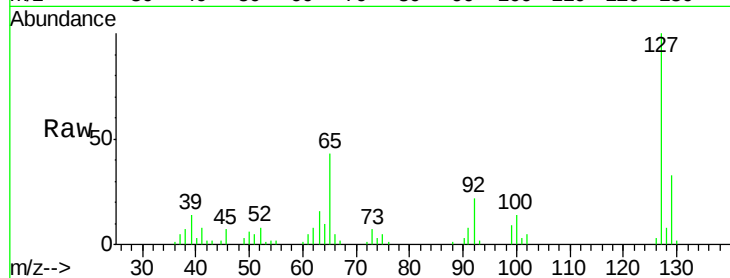
#33
4-Chloroaniline
Concen: 22.92 ng
RT: 11.36 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

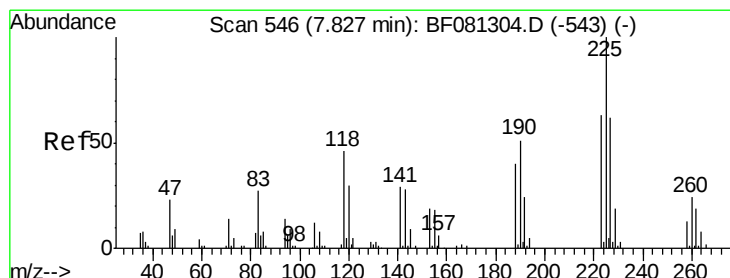
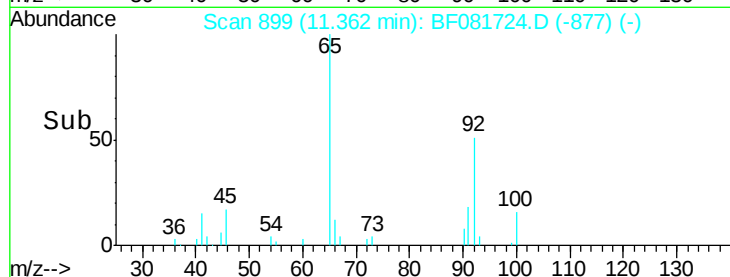
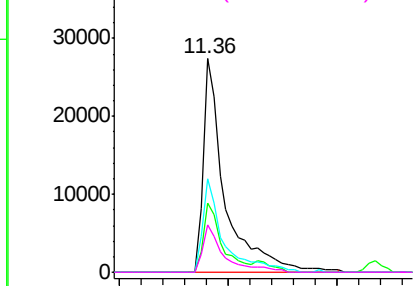
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	25.8	38.6		
65	43.5	17.9	26.9		
92	22.0	10.5	15.7		

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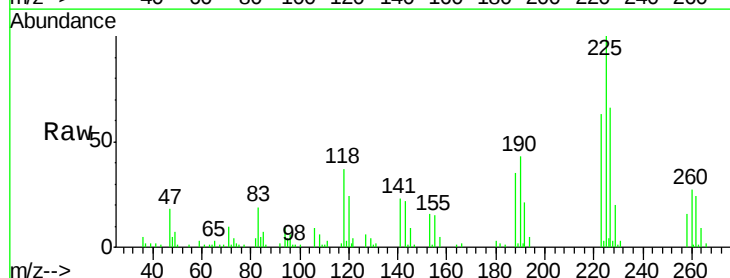


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

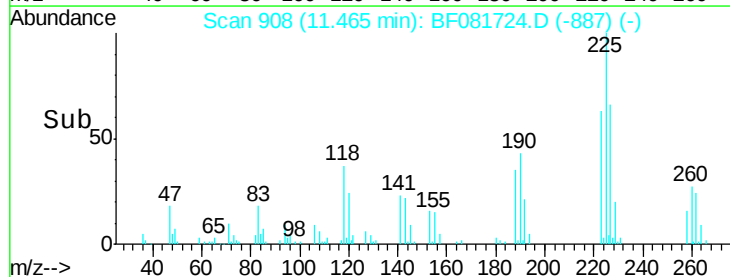
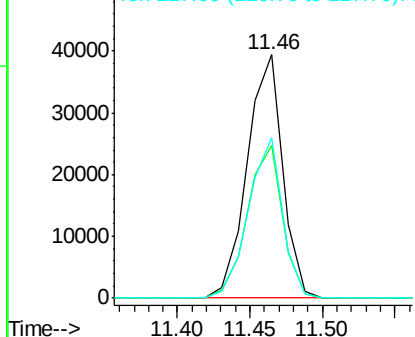


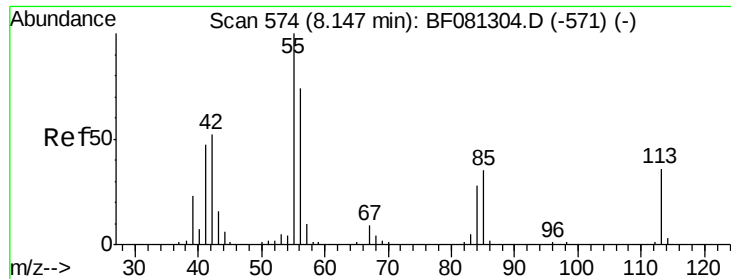
#34
Hexachlorobutadiene
Concen: 46.79 ng
RT: 11.46 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.2	75.2		
227	65.9	52.2	78.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 8.63 ng/ml

RT: 12.55 min Scan# 1003

Delta R.T. 0.16 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

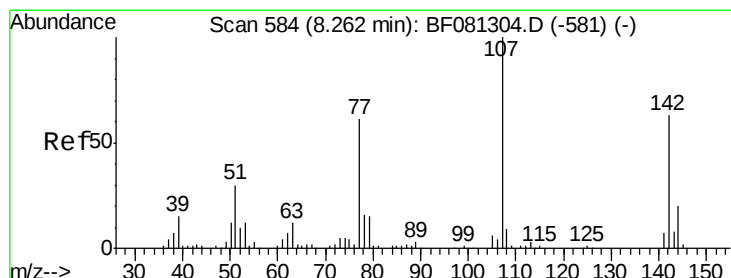
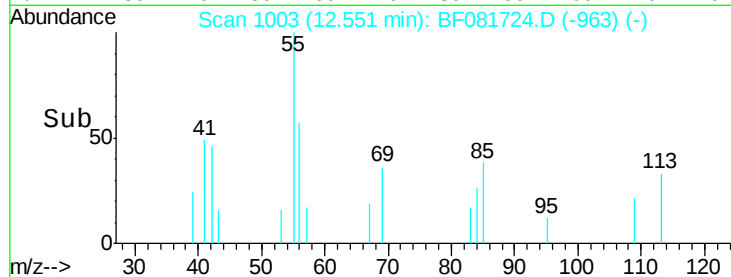
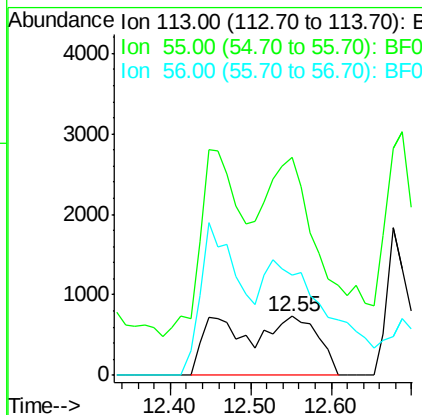
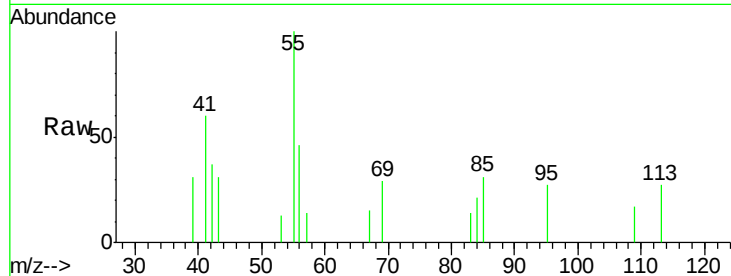
ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	370.4	152.4	192.4#
56	171.2	104.6	144.6#

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#36

4-Chloro-3-methylphenol

Concen: 47.76 ng/ml

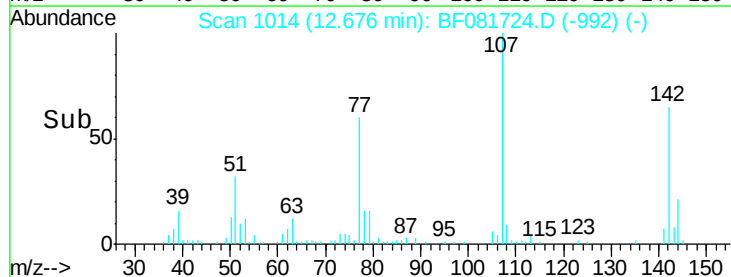
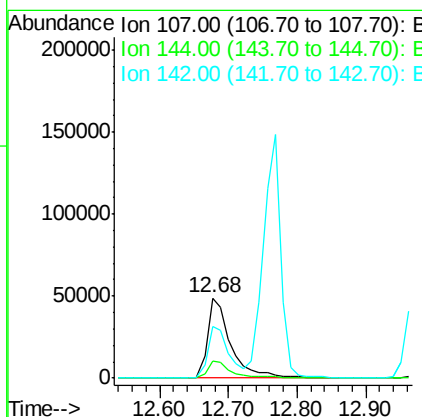
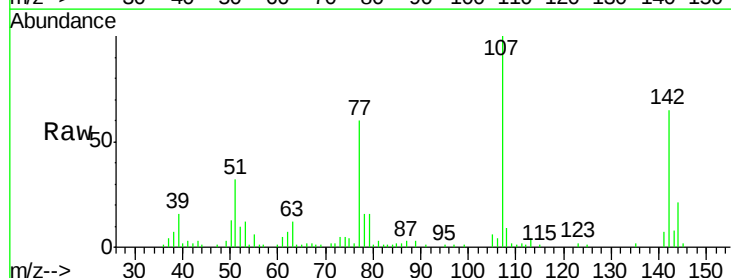
RT: 12.68 min Scan# 1014

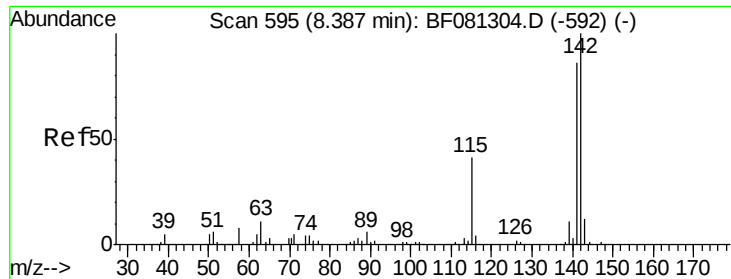
Delta R.T. -0.04 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.0	25.4	38.0#
142	65.2	77.3	115.9#





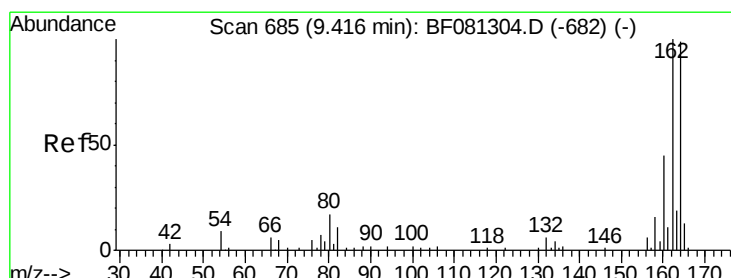
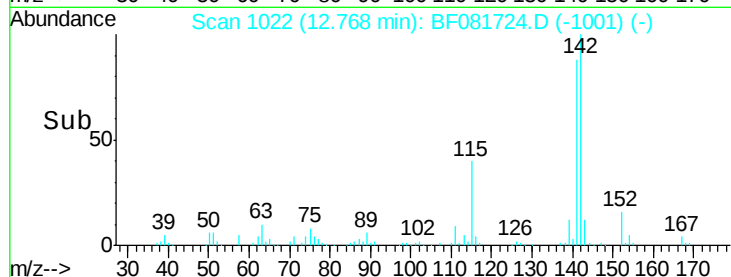
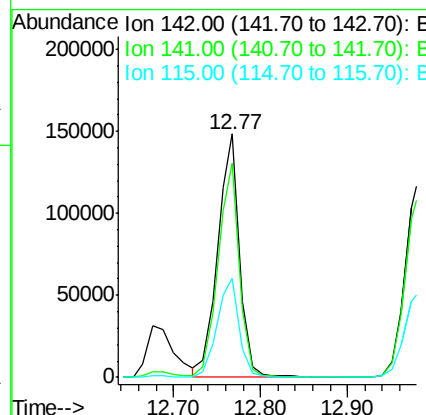
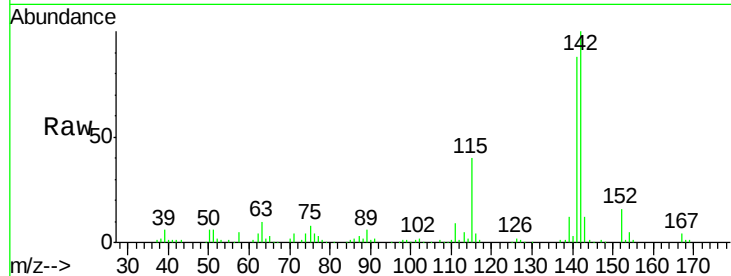
#37
2-Methylnaphthalene
Concen: 49.03 ng
RT: 12.77 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	67.5	101.3
115	40.4	18.2	27.2#

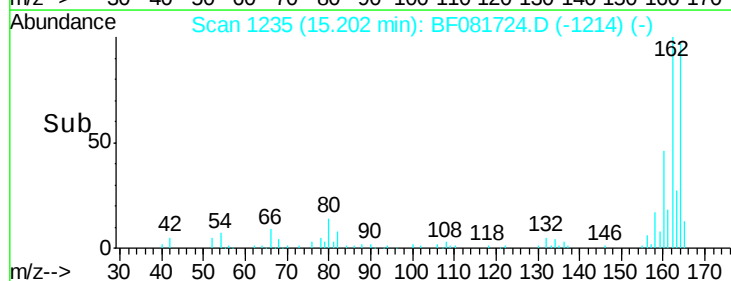
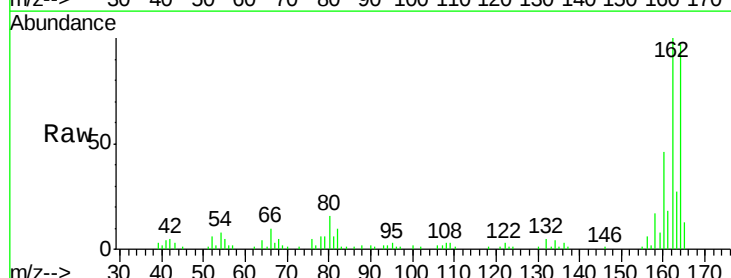
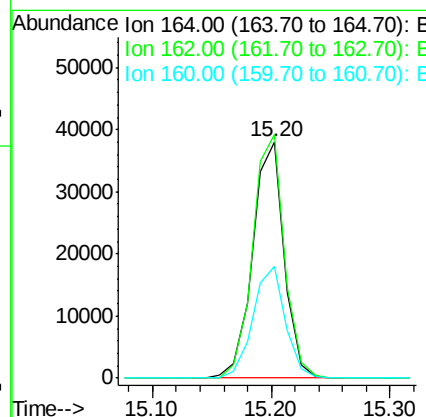
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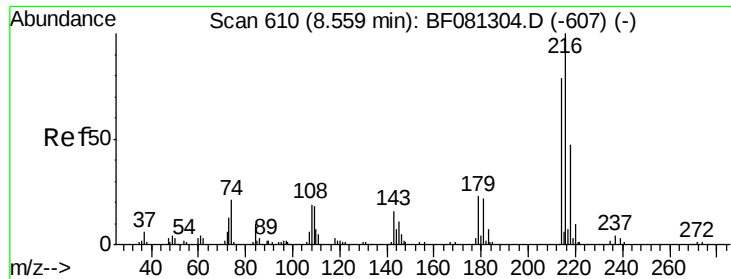
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.20 min Scan# 1235
Delta R.T. -0.06 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	75.2	112.8
160	47.4	31.5	47.3#





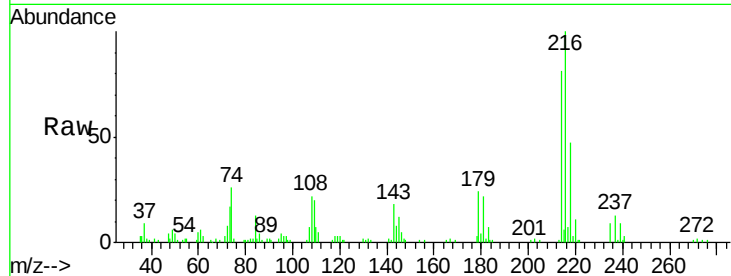
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.79 ng
 RT: 13.17 min Scan# 1057
 Delta R.T. -0.06 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

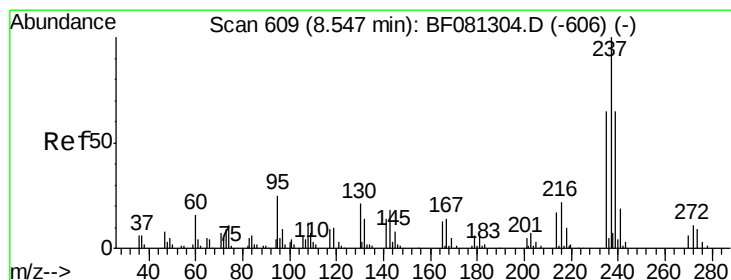
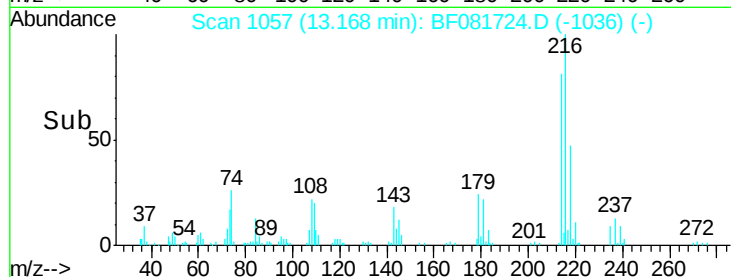
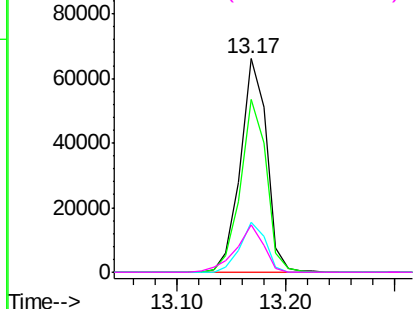
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.7	63.5	95.3		
179	22.8	16.6	24.8		
108	23.4	16.3	24.5		

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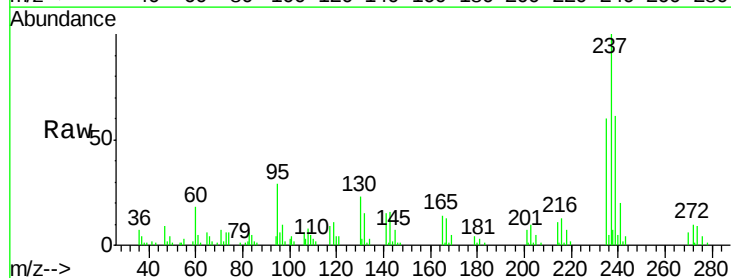


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

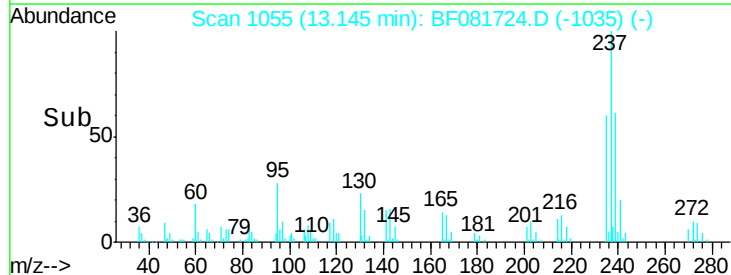
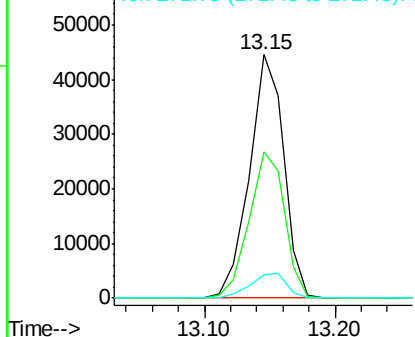


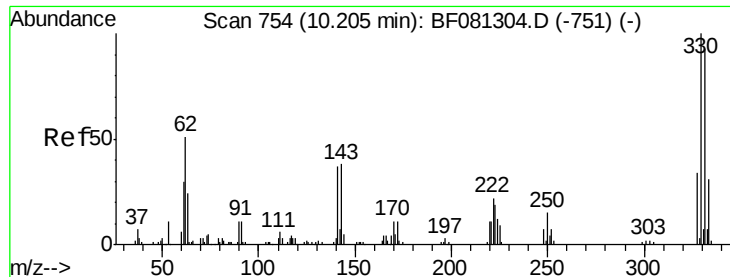
#40
 Hexachlorocyclopentadiene
 Concen: 74.94 ng
 RT: 13.15 min Scan# 1055
 Delta R.T. -0.07 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	60.1	42.0	82.0		
272	9.9	0.0	36.1		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





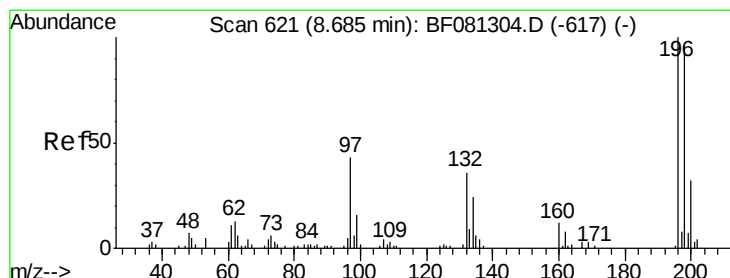
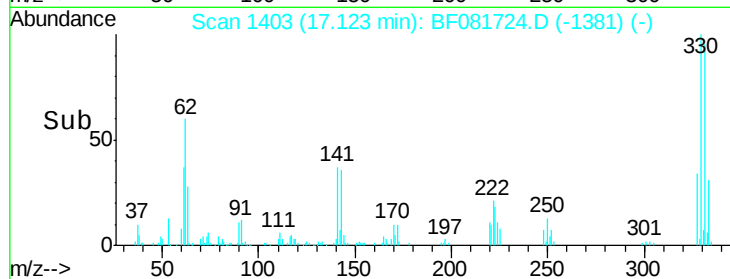
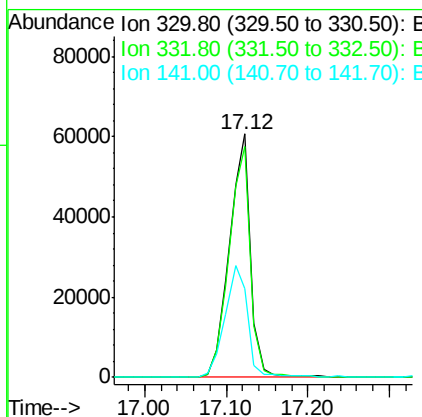
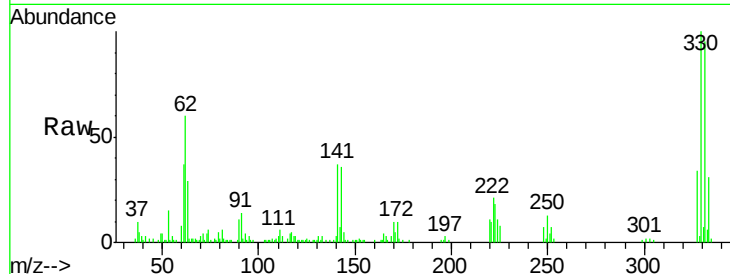
#41
 2,4,6-Tribromophenol
 Concen: 173.48 ng
 RT: 17.12 min Scan# 1403
 Delta R.T. -0.04 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	76.6	114.8	
141	49.9	29.7	44.5	

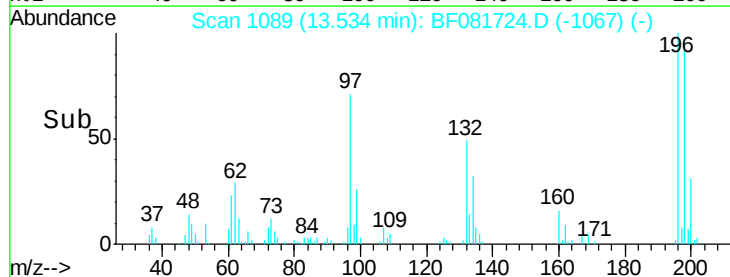
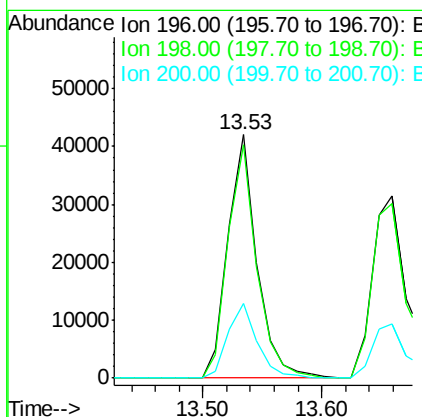
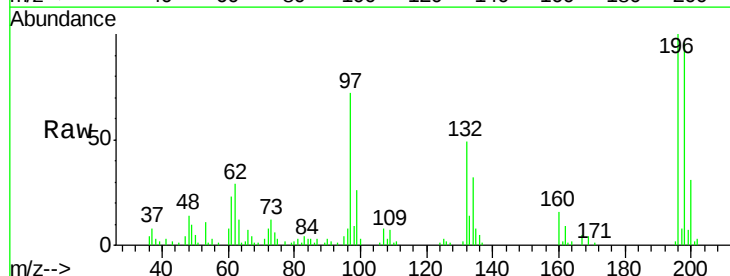
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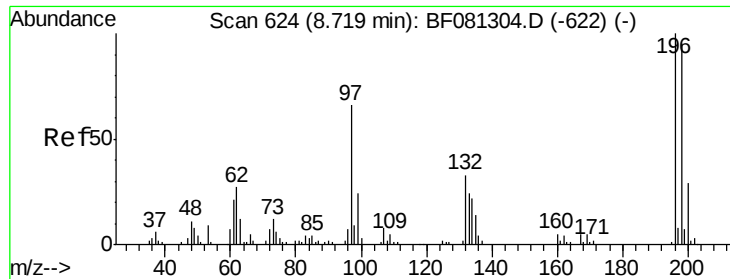
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#42
 2,4,6-Trichlorophenol
 Concen: 46.74 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.04 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.6	75.7	113.5	
200	30.5	23.9	35.9	





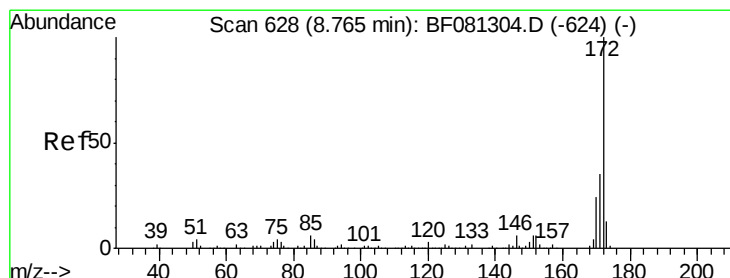
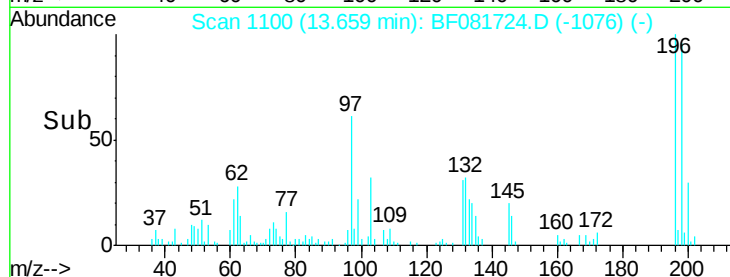
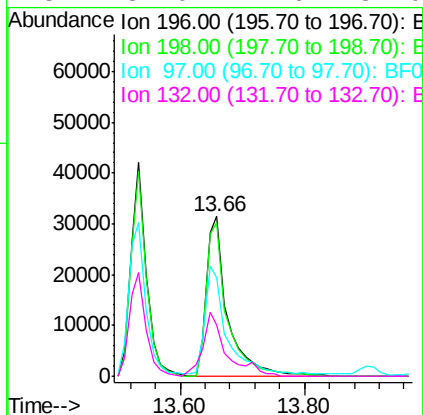
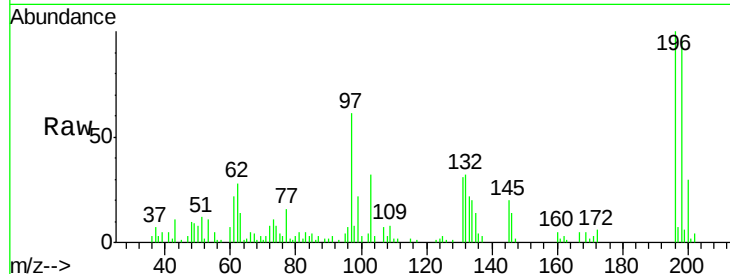
#43
 2,4,5-Trichlorophenol
 Concen: 47.90 ng
 RT: 13.66 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Manual Integrations
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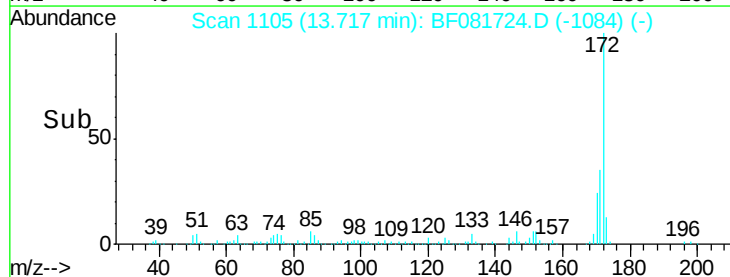
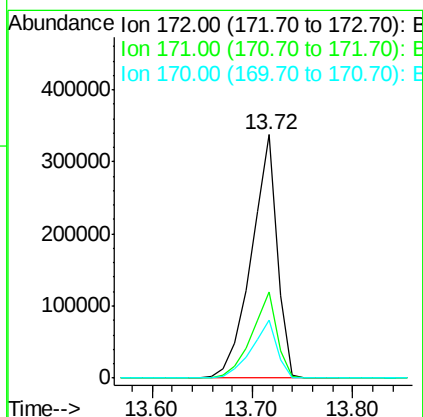
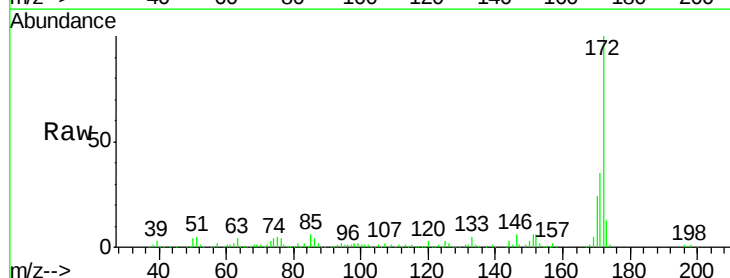
MMDadoda
 9/22/2015 2:15:33 PM

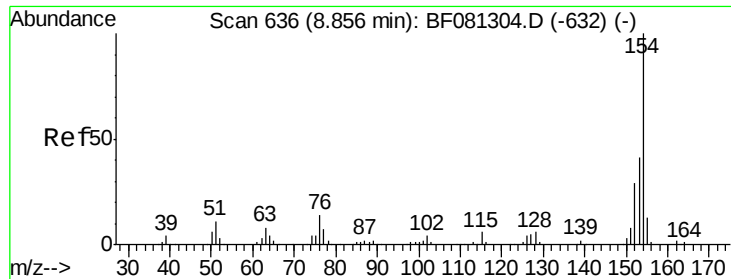
Tot Ion:	196	Resp:	75045
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.4	113.0
97	61.3	33.3	49.9
132	32.0	24.6	37.0



#44
 2-Fluorobiphenyl
 Concen: 108.99 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Tgt Ion:	172	Resp:	598456
Ion Ratio	Lower	Upper	
172	100		
171	35.3	26.1	39.1
170	23.8	17.4	26.2





#45

1,1'-Biphenyl

Concen: 48.96 ng

RT: 13.91 min Scan# 1122

Delta R.T. -0.06 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

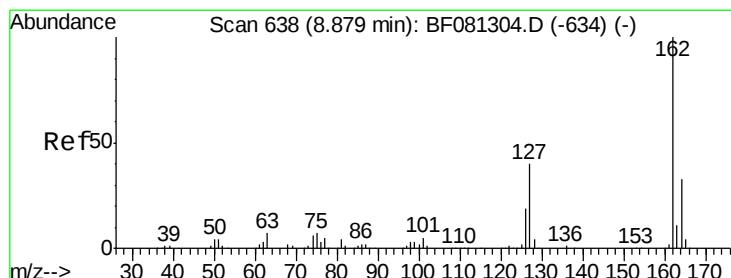
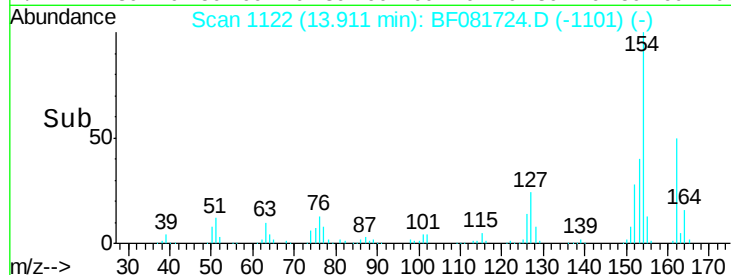
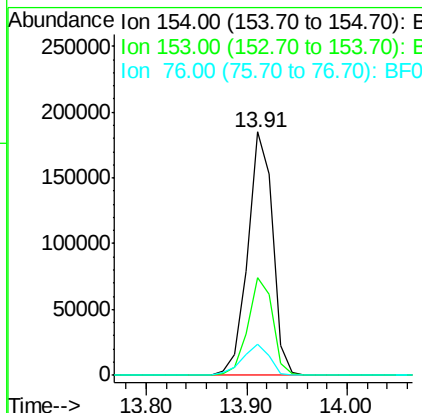
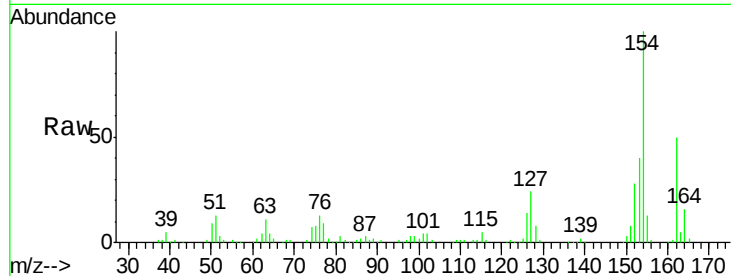
ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion:	154	Resp:	316972
Ion Ratio	Lower	Upper	
154	100		
153	39.9	17.1	57.1
76	13.0	0.0	31.6

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#46

2-Chloronaphthalene

Concen: 49.79 ng

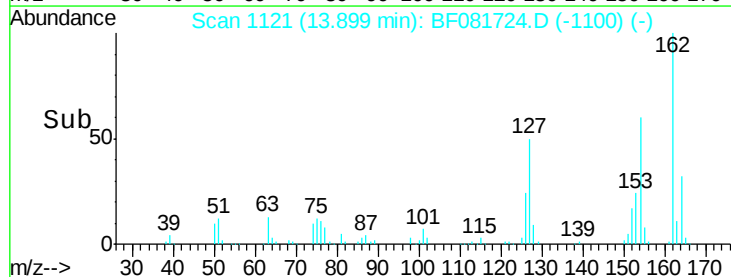
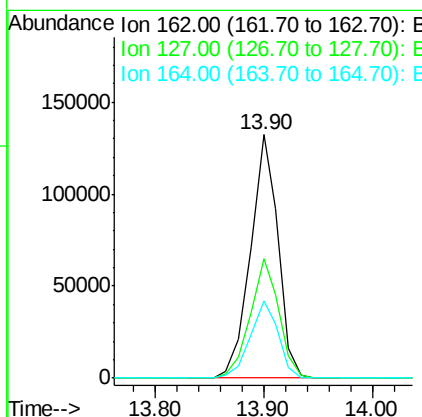
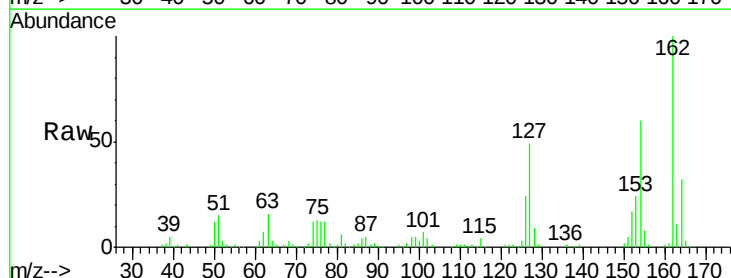
RT: 13.90 min Scan# 1121

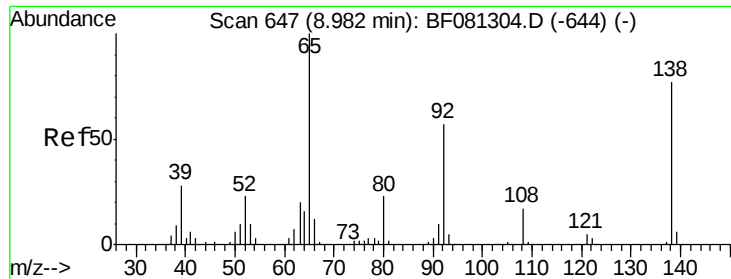
Delta R.T. -0.06 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion:	162	Resp:	232762
Ion Ratio	Lower	Upper	
162	100		
127	49.1	27.6	41.4#
164	31.9	25.4	38.2





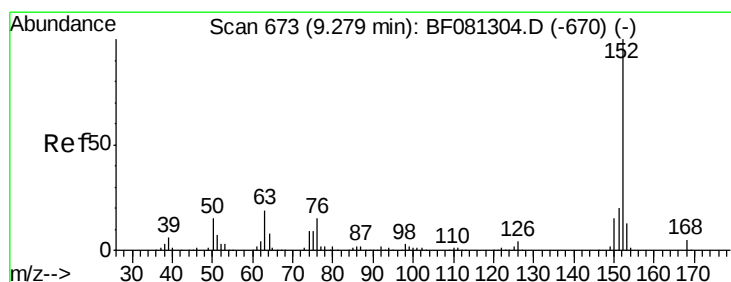
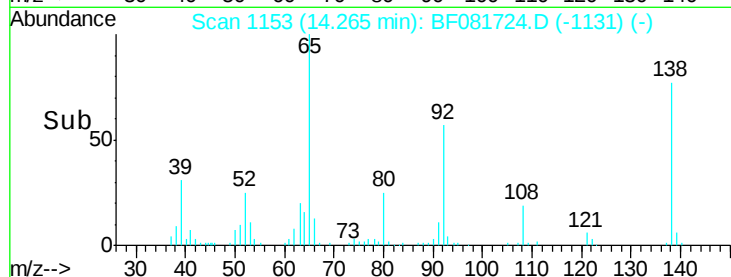
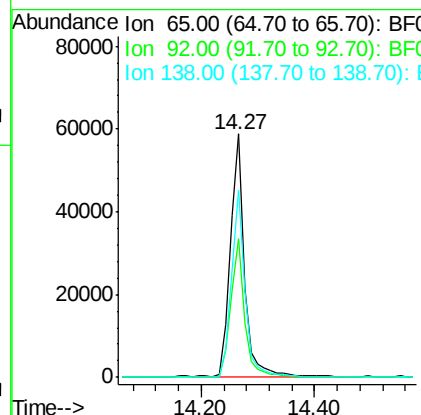
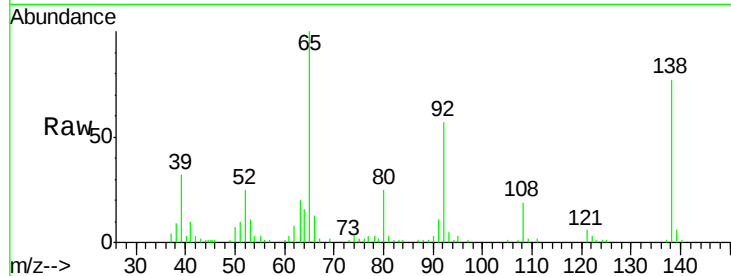
#47
2-Nitroaniline
Concen: 54.47 ng
RT: 14.27 min Scan# 1153
Delta R.T. -0.04 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.1	55.4	83.0
138	76.9	115.5	173.3

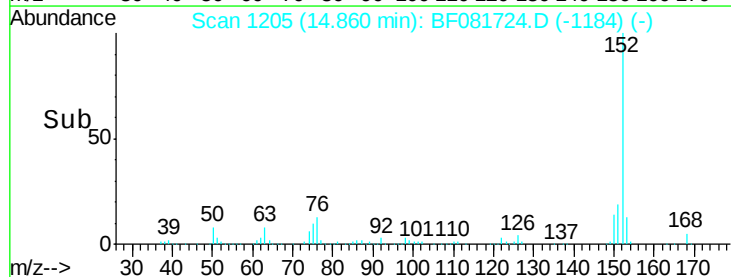
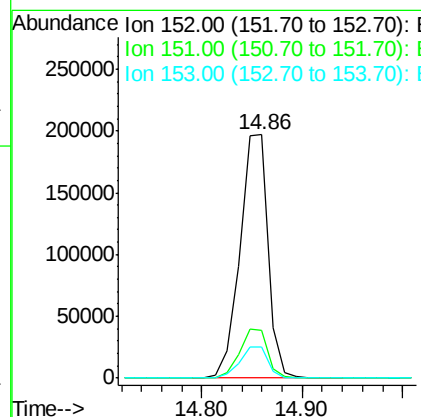
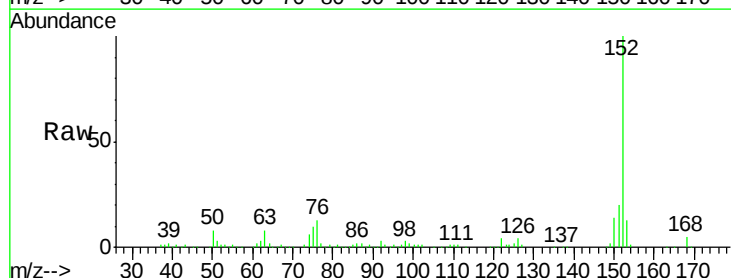
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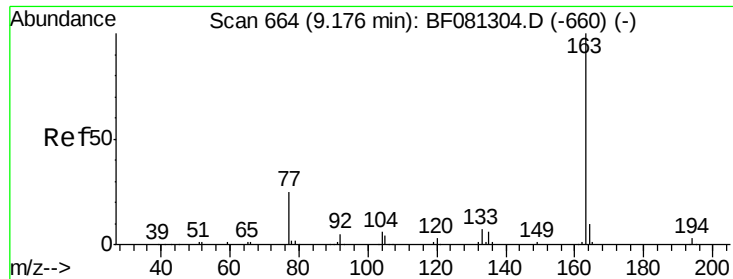
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#48
Acenaphthylene
Concen: 45.94 ng
RT: 14.86 min Scan# 1205
Delta R.T. -0.06 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	14.6	22.0
153	12.7	10.3	15.5





#49

Dimethylphthalate

Concen: 50.92 ng

RT: 14.80 min Scan# 1200

Delta R.T. -0.06 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

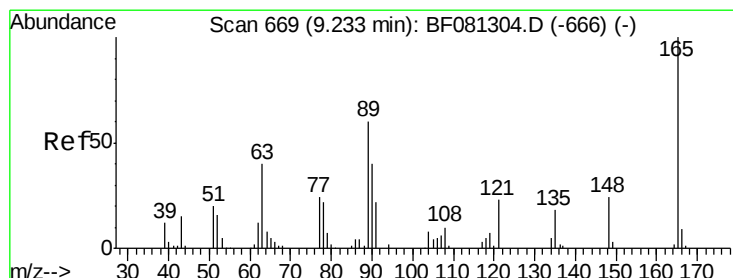
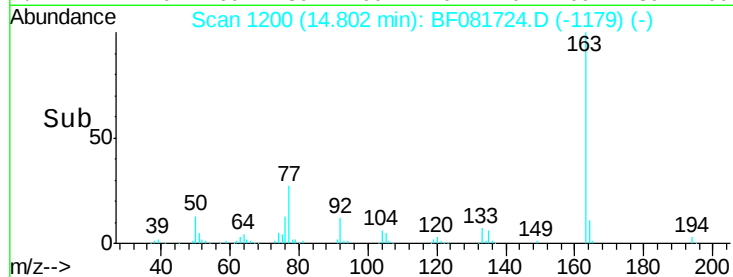
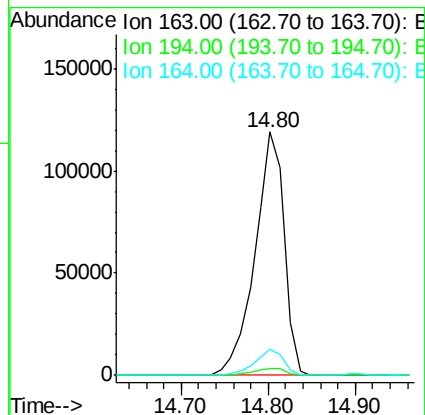
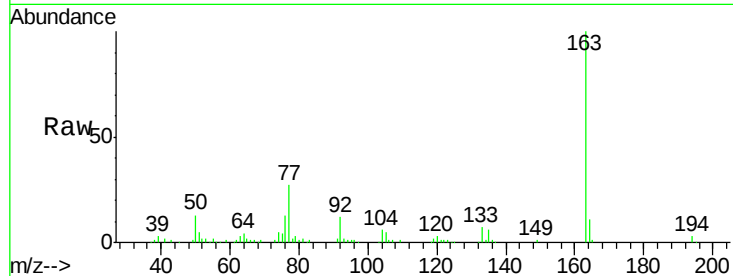
ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	278376		
194	3.0	4.4	6.6#	
164	10.8	8.3	12.5	

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#50

2,6-Dinitrotoluene

Concen: 46.73 ng

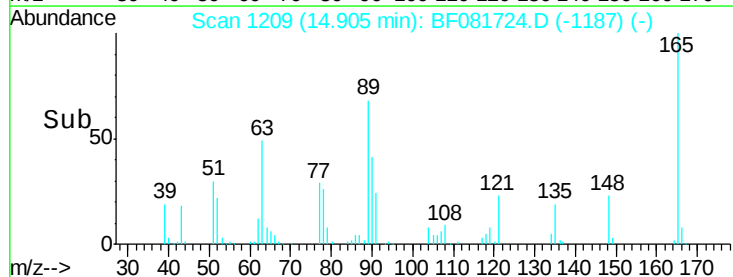
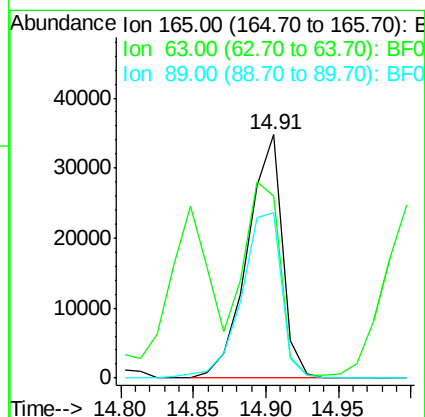
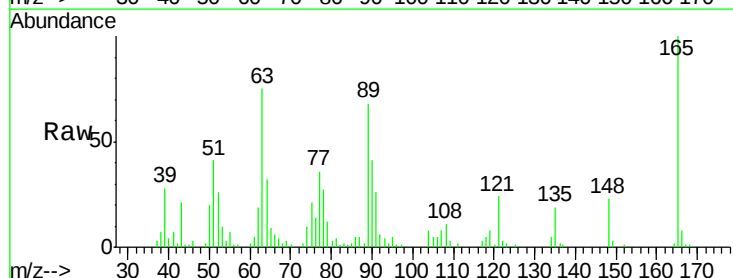
RT: 14.91 min Scan# 1209

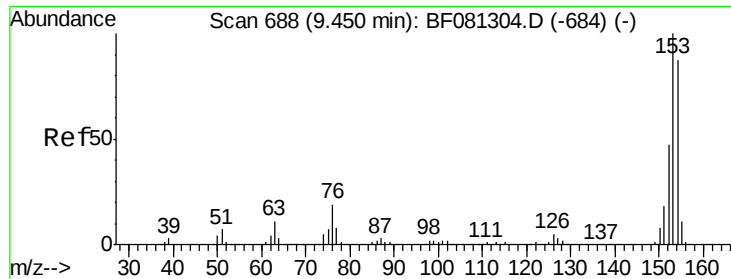
Delta R.T. -0.04 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	57978		
63	74.6	32.3	48.5#	
89	68.0	28.6	43.0#	





#51

Acenaphthene

Concen: 47.48 ng

RT: 15.28 min Scan# 1242

Delta R.T. -0.06 min

Lab File: BF081724.D

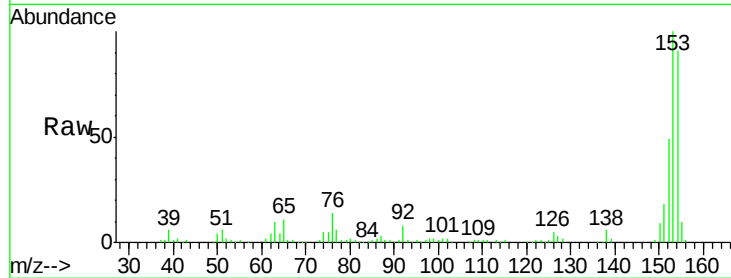
Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

ClientSampleId :

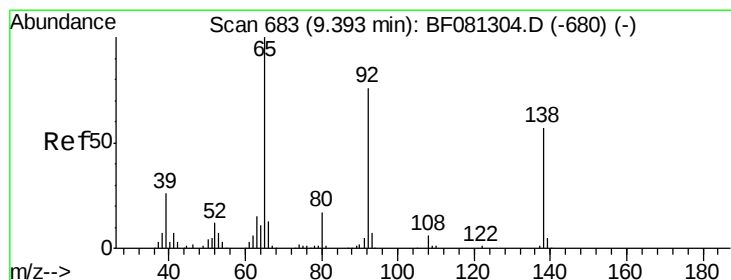
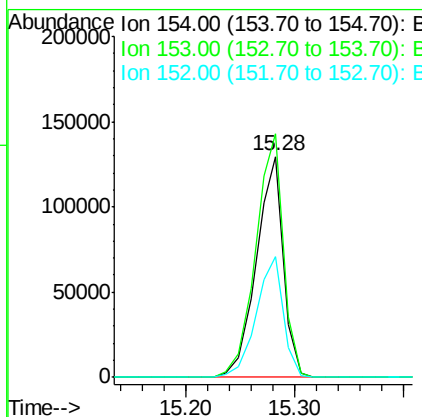
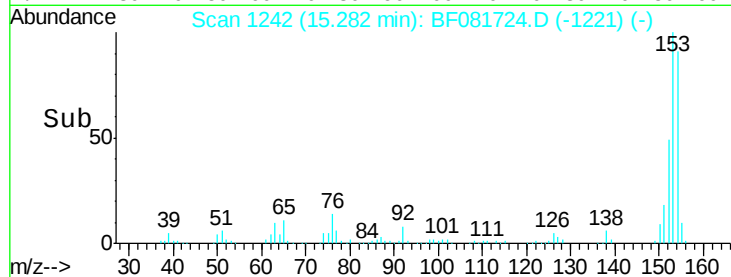
PZ-1-9-17-15MSD



Tot Ion	154	Resp	224008
Ion Ratio	Lower	Upper	
154	100		
153	110.2	82.1	123.1
152	54.4	37.9	56.9

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#52

3-Nitroaniline

Concen: 26.28 ng

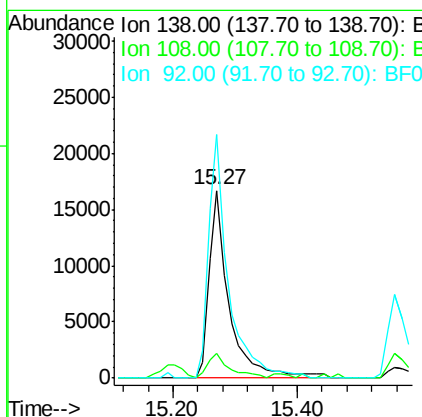
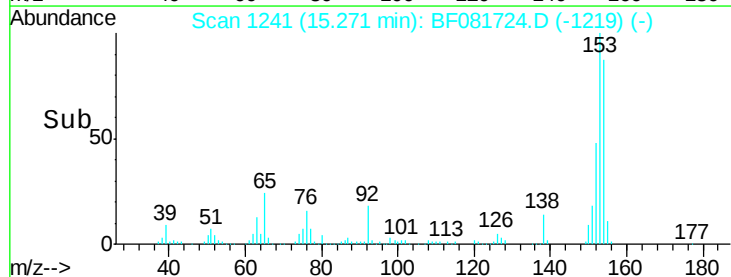
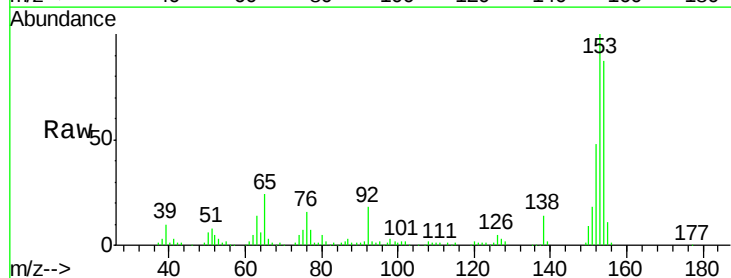
RT: 15.27 min Scan# 1241

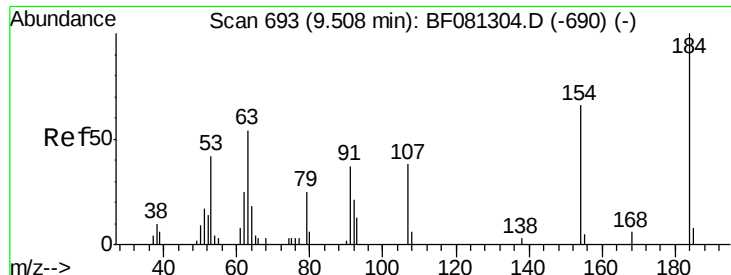
Delta R.T. -0.04 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion	138	Resp	37118
Ion Ratio	Lower	Upper	
138	100		
108	12.9	5.7	8.5#
92	129.8	67.7	101.5#





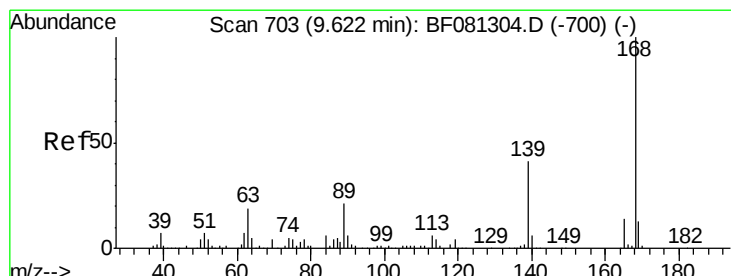
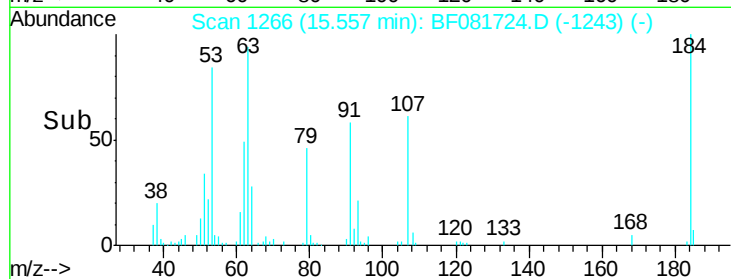
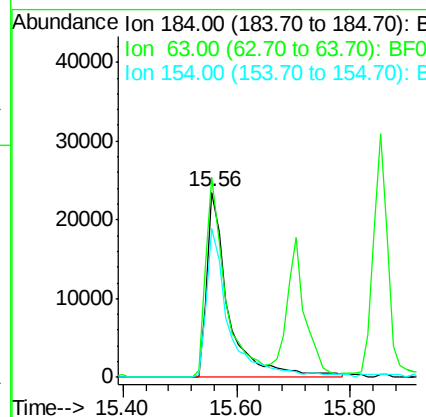
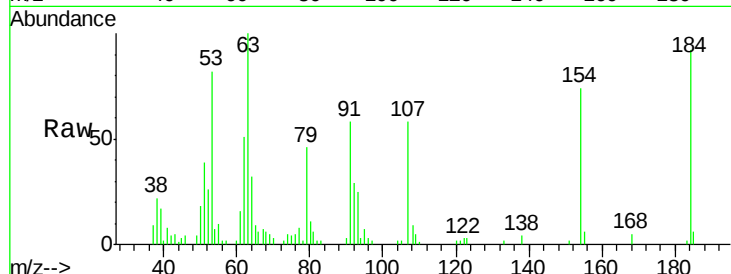
#53
 2,4-Dinitrophenol
 Concen: 94.61 ng
 RT: 15.56 min Scan# 1266
 Delta R.T. -0.03 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	60777		
63	108.4	35.4	53.2#	
154	80.2	32.2	48.4#	

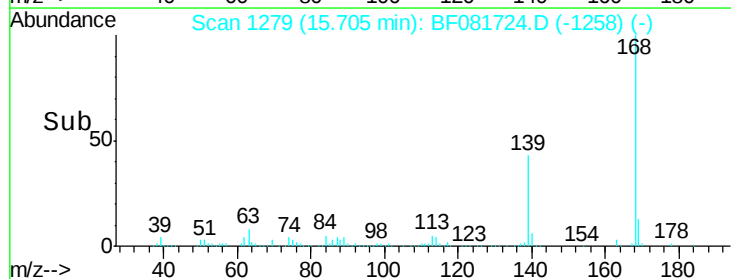
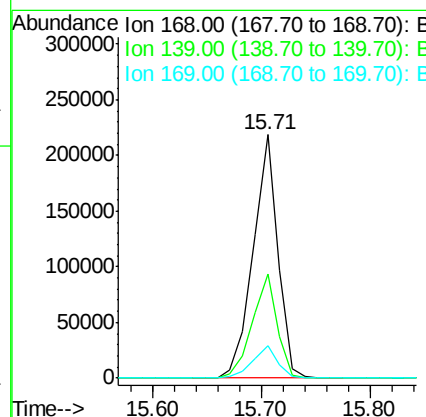
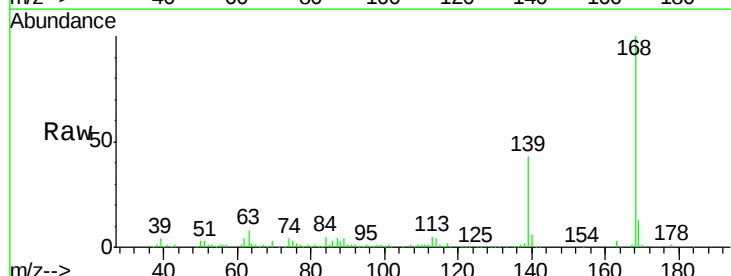
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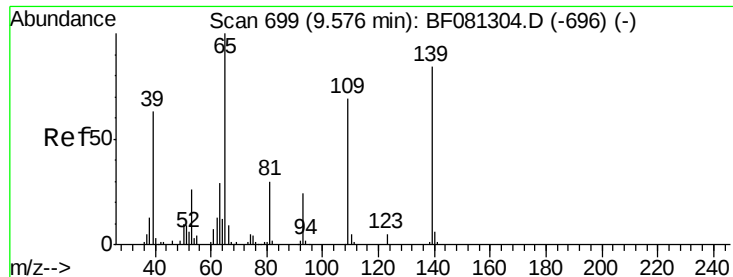
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#54
 Dibenzofuran
 Concen: 50.21 ng
 RT: 15.71 min Scan# 1279
 Delta R.T. -0.06 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	345907		
139	42.9	24.2	36.2#	
169	13.2	10.6	15.8	





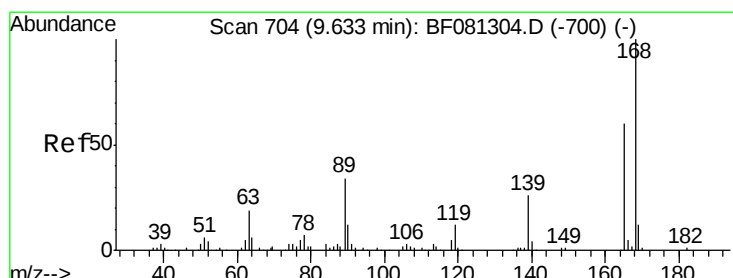
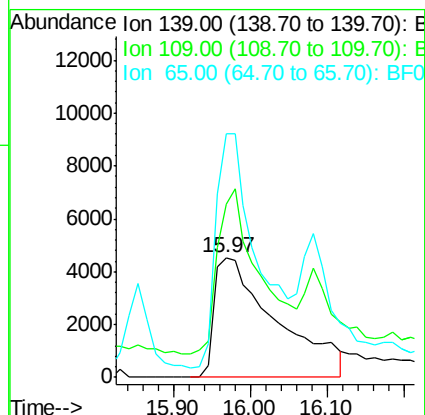
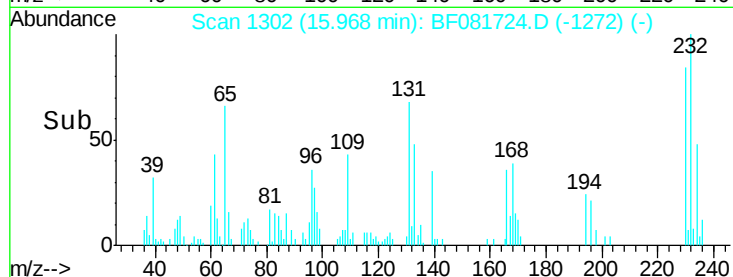
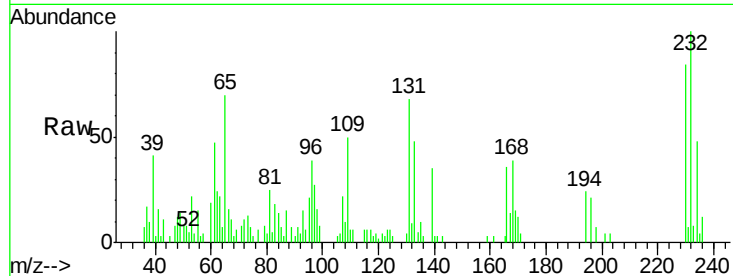
#55
4-Nitrophenol
Concen: 28.72 ng
RT: 15.97 min Scan# 1302
Delta R.T. 0.05 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	145.0	12.7	52.7#
65	202.8	45.9	85.9#

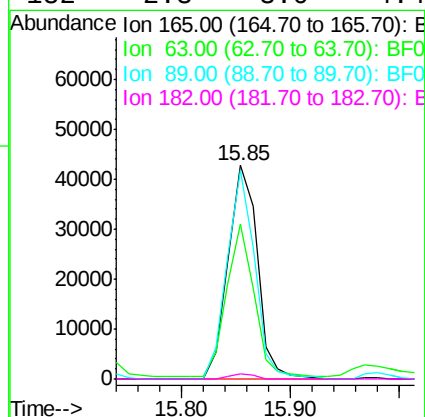
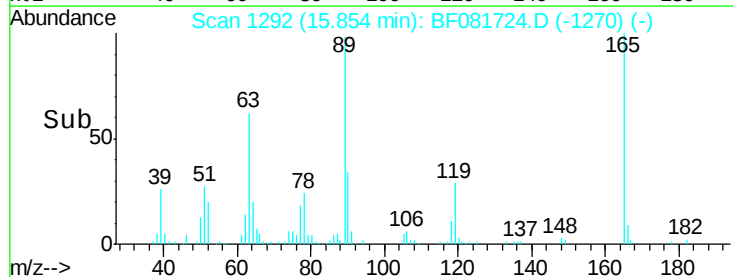
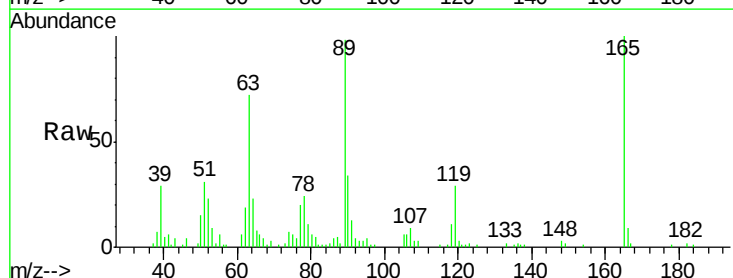
Manual Integrations
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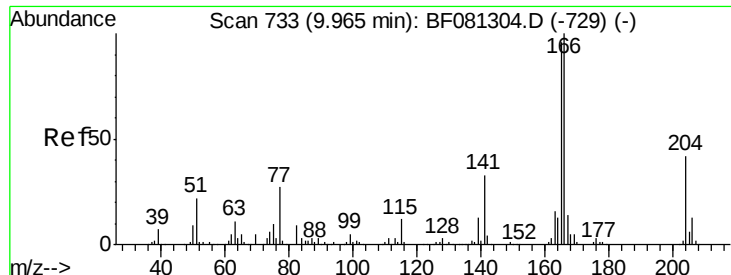
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#56
2,4-Dinitrotoluene
Concen: 50.32 ng
RT: 15.85 min Scan# 1292
Delta R.T. -0.04 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.3	29.8	44.6#
89	97.8	44.5	66.7#
182	2.3	3.0	4.4#





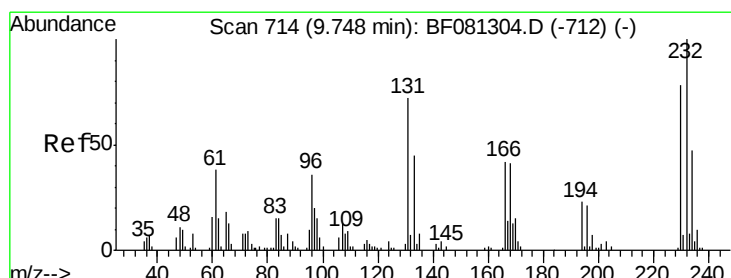
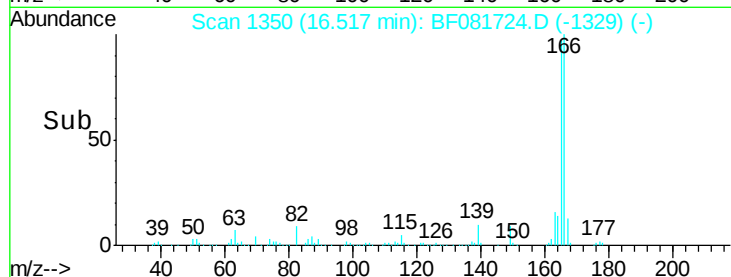
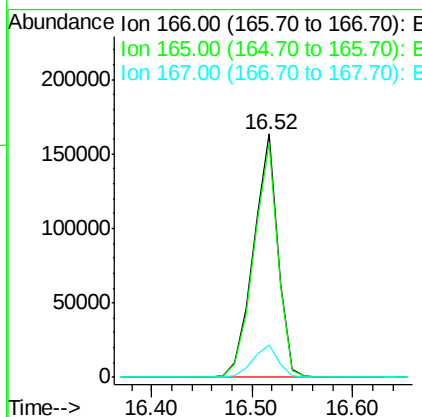
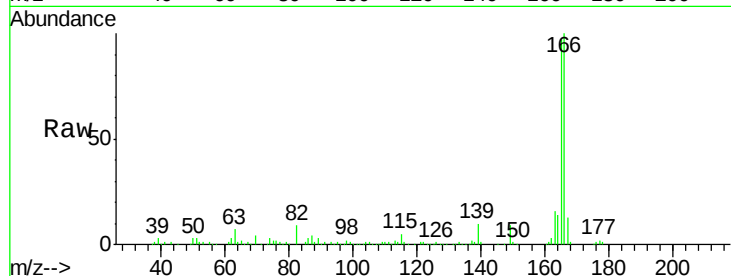
#57
 Fluorene
 Concen: 52.39 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. -0.06 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	273911		
165	96.6	72.6	109.0	
167	13.4	10.6	16.0	

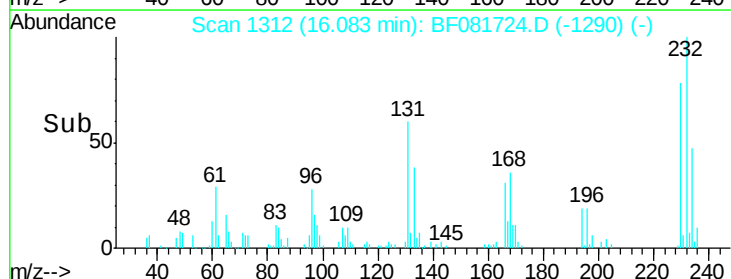
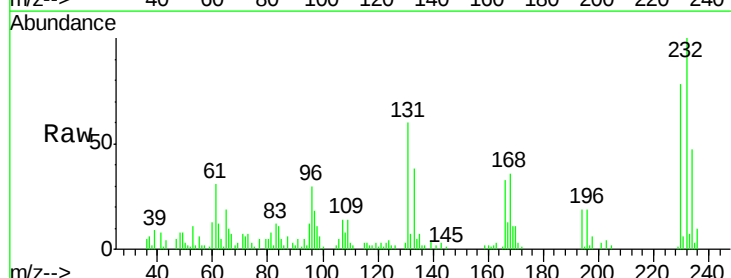
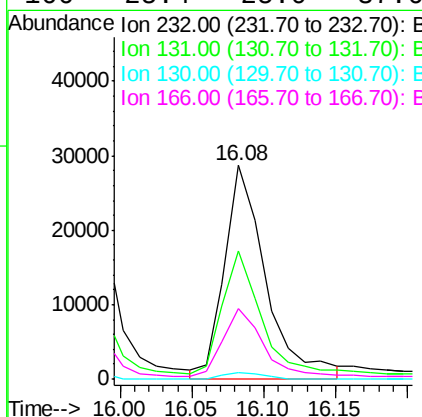
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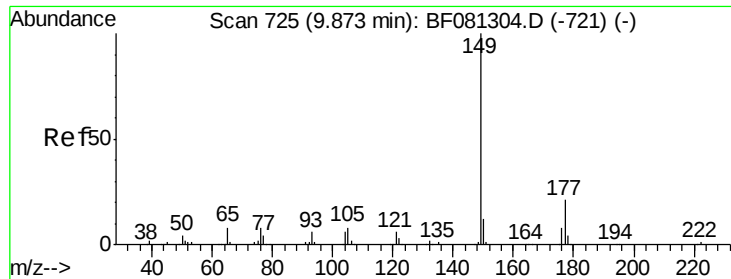
MMDadoda
 9/22/2015 2:15:33 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.22 ng m
 RT: 16.08 min Scan# 1312
 Delta R.T. -0.04 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	57682		
131	46.9	38.5	57.7	
130	2.3	1.8	2.6	
166	25.4	25.0	37.6	





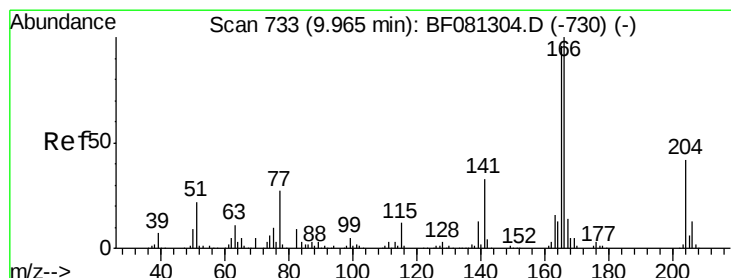
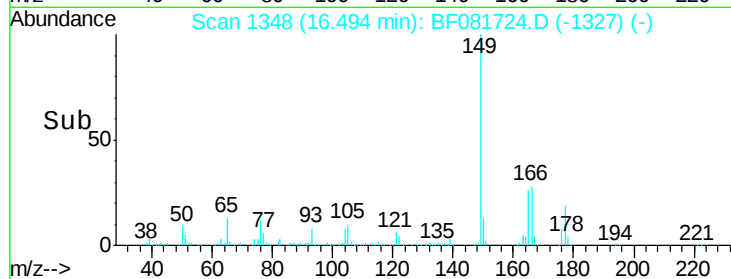
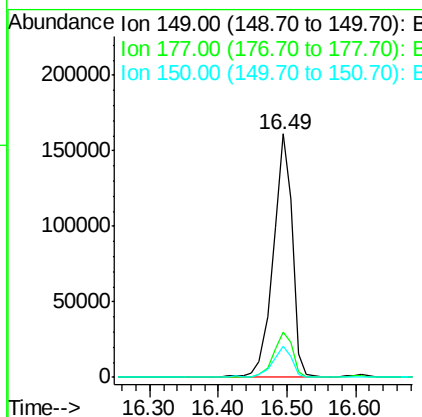
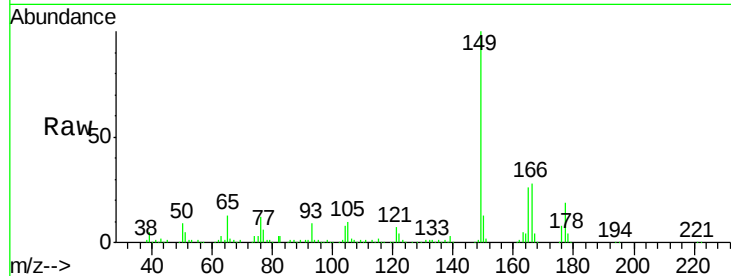
#59
Diethylphthalate
Concen: 54.27 ng
RT: 16.49 min Scan# 1348
Delta R.T. -0.06 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	312114		
177	18.6	17.5	26.3	
150	12.7	9.4	14.2	

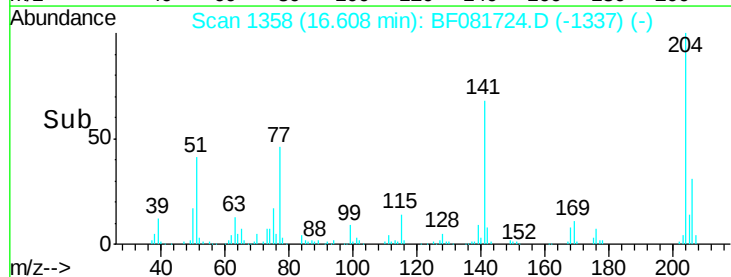
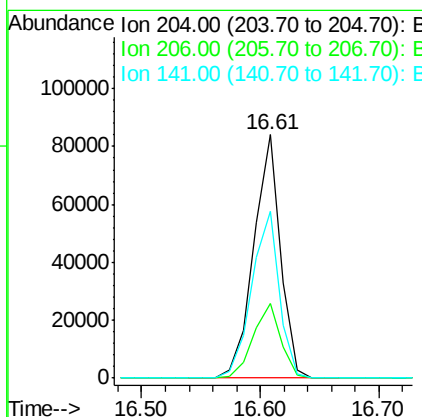
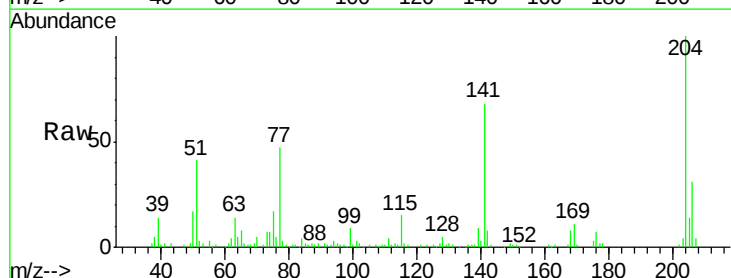
Manual Integrations
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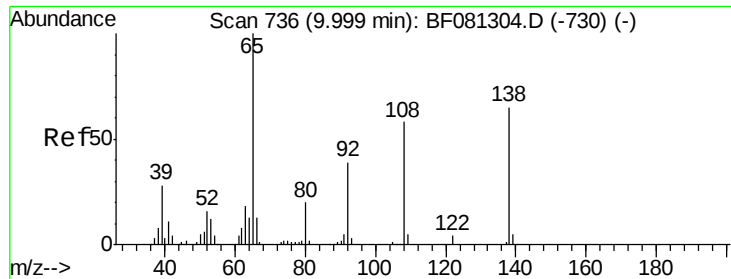
MMDadoda
9/22/2015 2:15:33 PM



#60
4-Chlorophenyl-phenylether
Concen: 54.46 ng
RT: 16.61 min Scan# 1358
Delta R.T. -0.06 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	132697		
206	30.9	24.8	37.2	
141	68.3	42.2	63.4#	





#61

4-Nitroaniline

Concen: 34.90 ng

RT: 16.75 min Scan# 1370

Delta R.T. -0.03 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

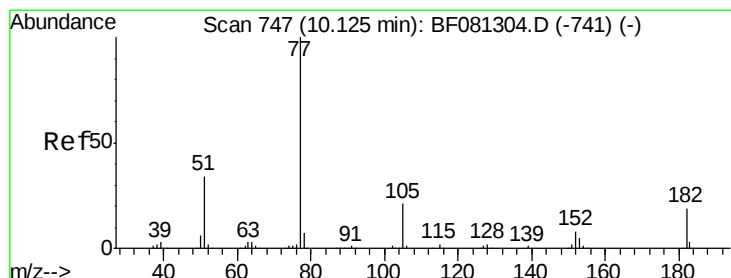
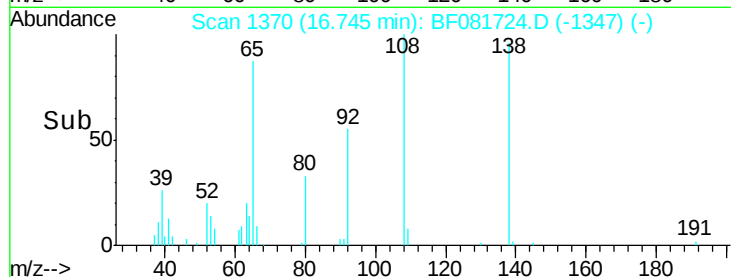
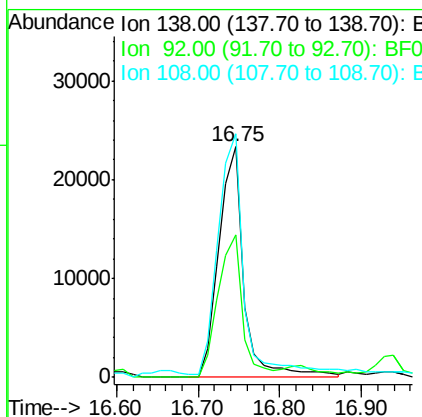
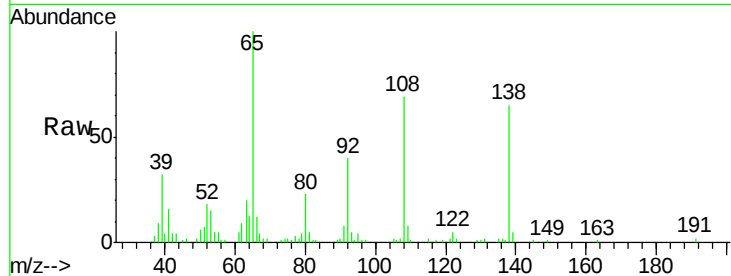
ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion:	138	Resp:	49810
Ion Ratio	Lower	Upper	
138	100		
92	62.0	12.6	52.6#
108	105.6	12.4	52.4#

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#62

Azobenzene

Concen: 54.11 ng

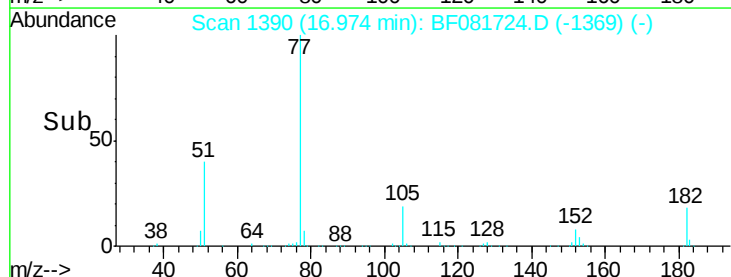
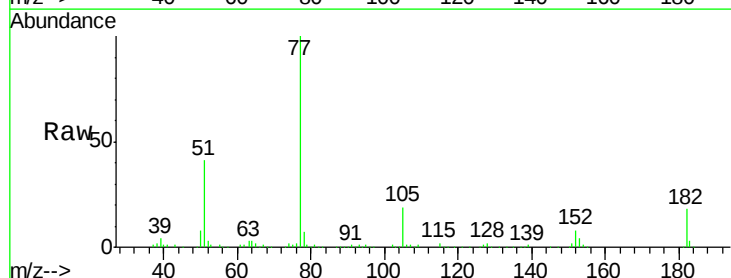
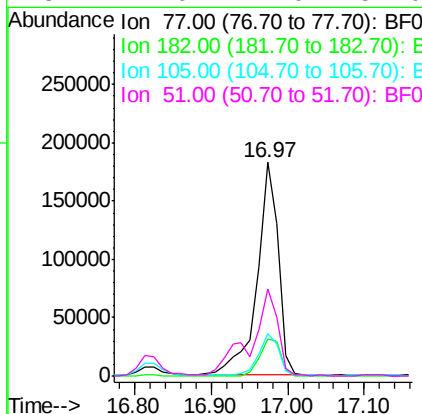
RT: 16.97 min Scan# 1390

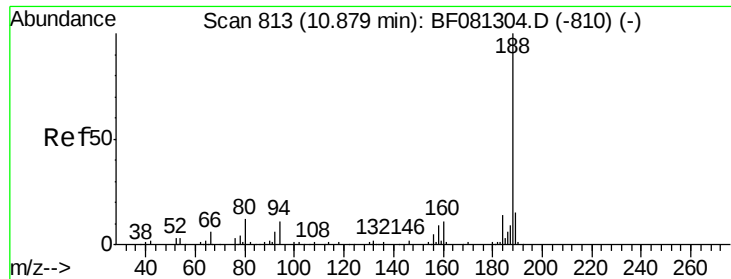
Delta R.T. -0.06 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion:	77	Resp:	345942
Ion Ratio	Lower	Upper	
77	100		
182	17.7	15.1	55.1
105	19.5	3.4	43.4
51	41.0	12.0	52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.71 min Scan# 1542

Delta R.T. -0.04 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

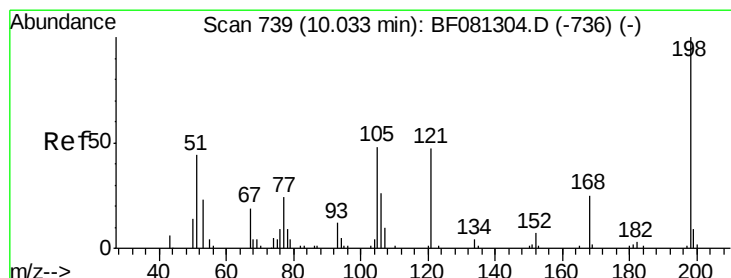
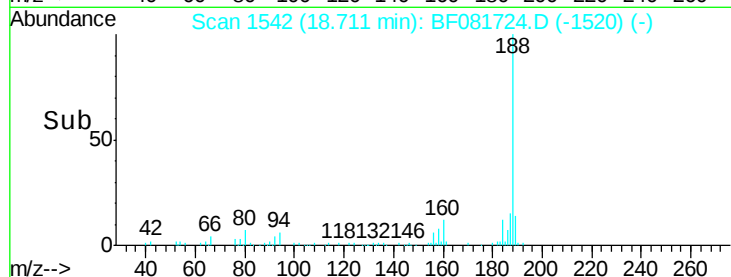
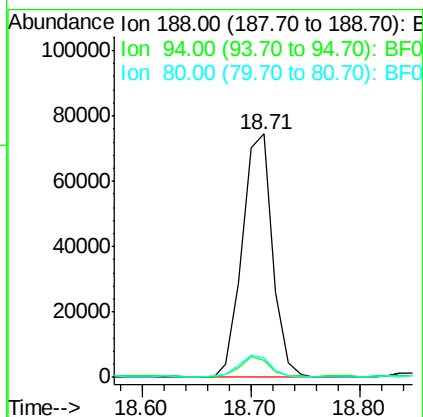
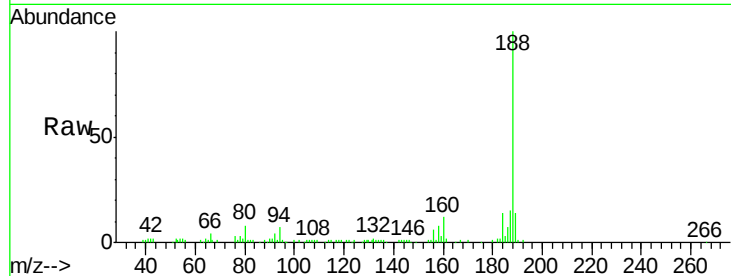
ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion:	188	Resp:	143511
Ion Ratio		Lower	Upper
188	100		
94	7.1	11.1	16.7#
80	7.9	11.0	16.4#

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#64

4,6-Dinitro-2-methylphenol

Concen: 50.16 ng

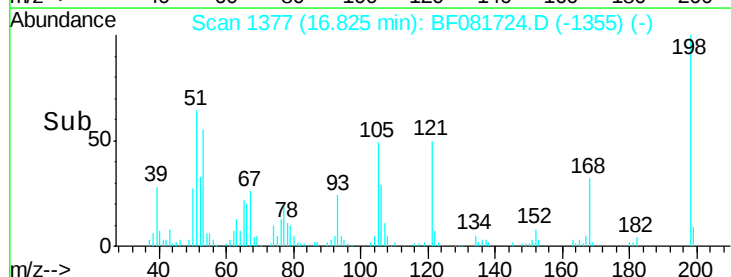
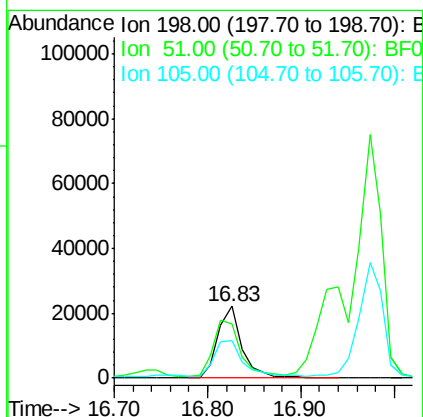
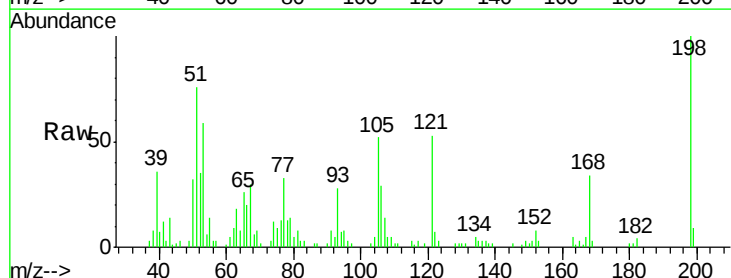
RT: 16.83 min Scan# 1377

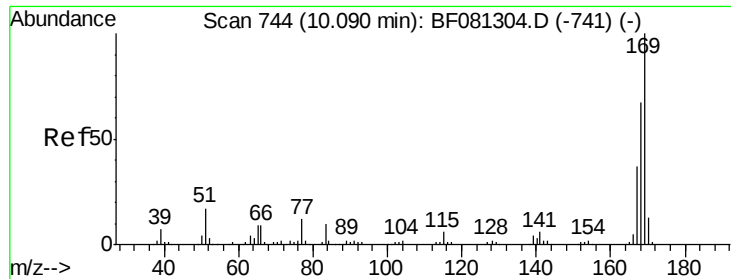
Delta R.T. -0.04 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion:	198	Resp:	40266
Ion Ratio		Lower	Upper
198	100		
51	76.1	39.6	79.6
105	51.9	28.5	68.5





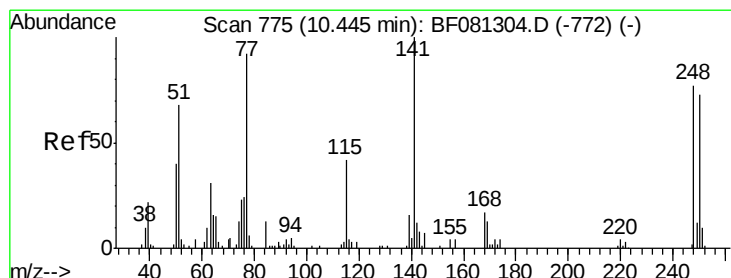
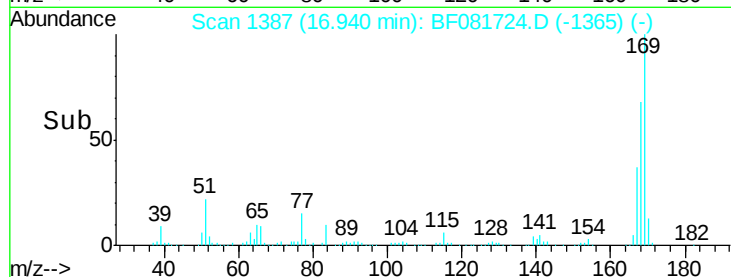
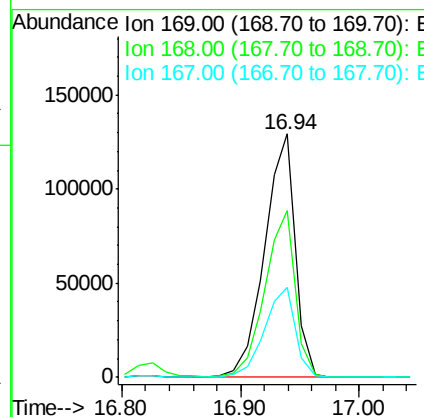
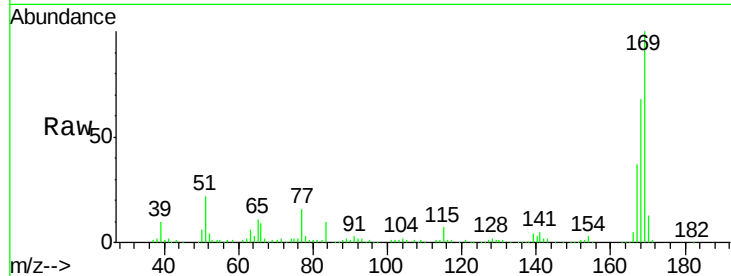
#65
n-Nitrosodiphenylamine
Concen: 44.35 ng
RT: 16.94 min Scan# 1387
Delta R.T. -0.04 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	231593		
168	68.3	48.9	73.3	
167	37.2	26.2	39.4	

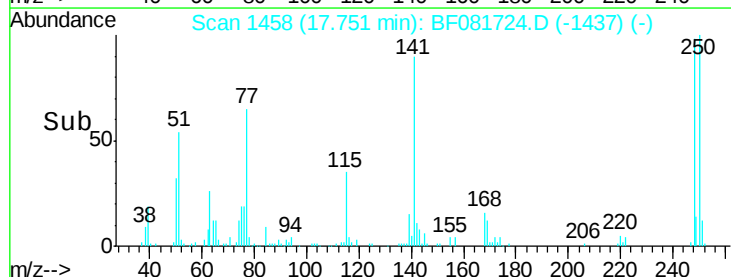
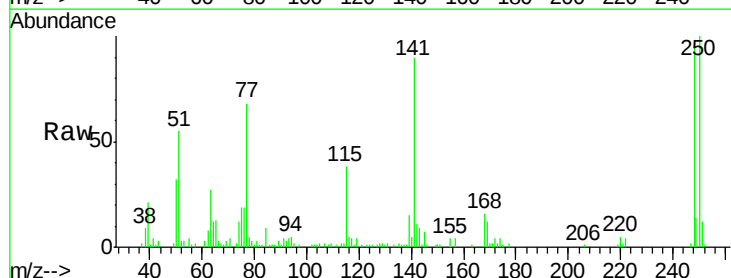
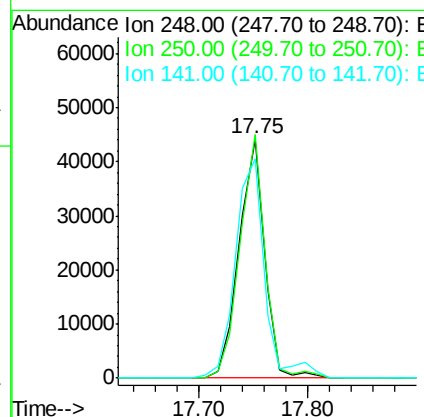
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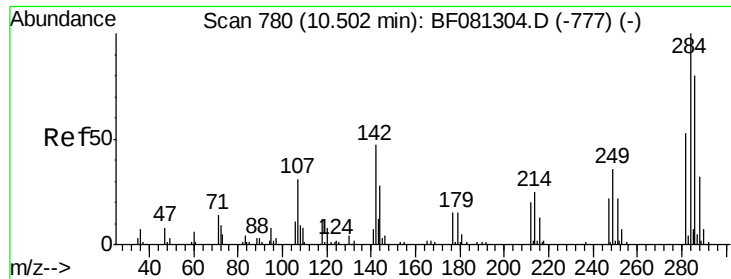
MMDadoda
9/22/2015 2:15:33 PM



#66
4-Bromophenyl-phenylether
Concen: 49.45 ng
RT: 17.75 min Scan# 1458
Delta R.T. -0.06 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	71753		
250	101.9	78.5	117.7	
141	91.9	59.0	88.6	





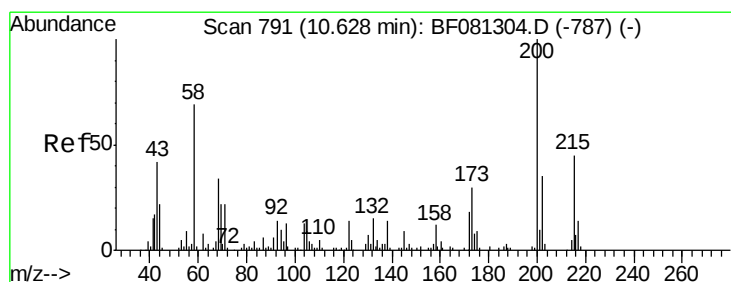
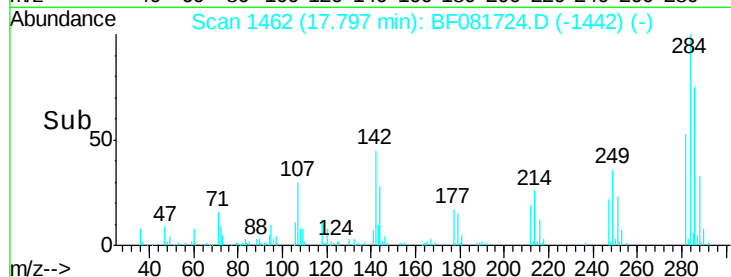
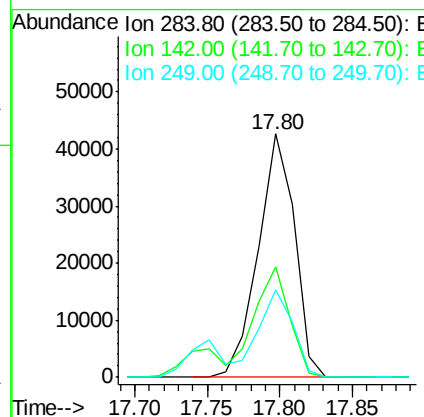
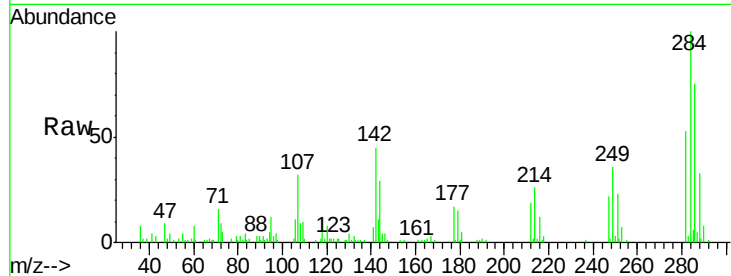
#67
Hexachlorobenzene
Concen: 48.72 ng
RT: 17.80 min Scan# 1462
Delta R.T. -0.07 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	45.5	29.5	44.3	
249	35.9	19.5	29.3	

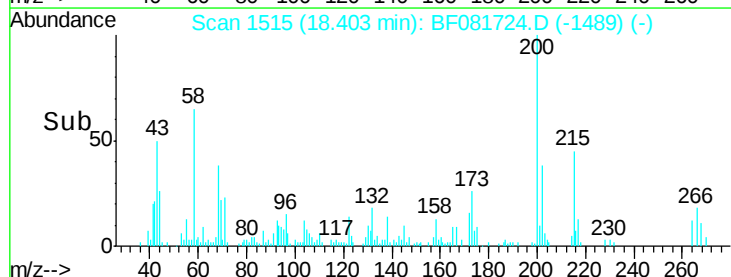
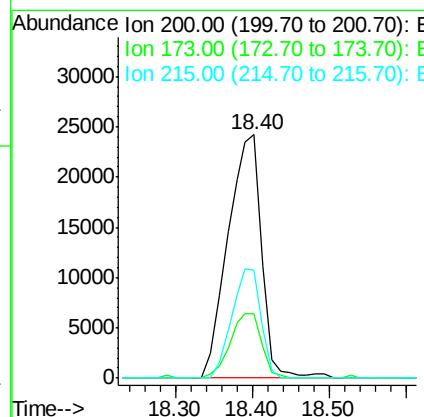
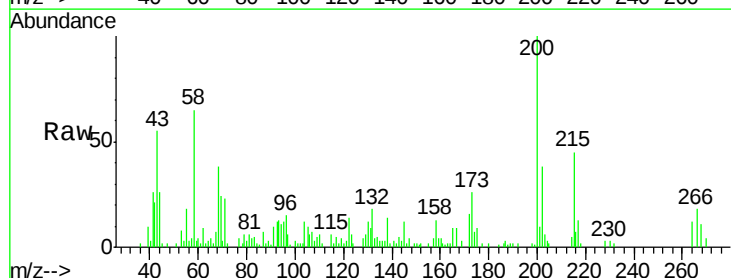
Manual Integrations
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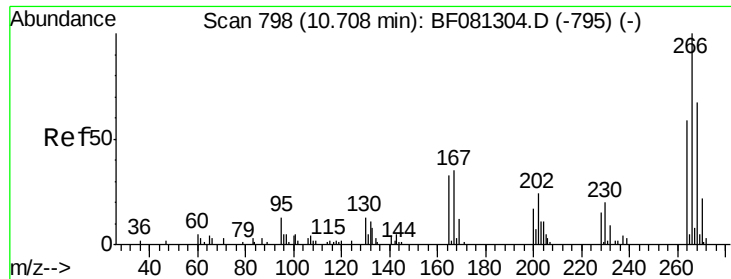
MMDadoda
9/22/2015 2:15:33 PM



#68
Atrazine
Concen: 49.20 ng
RT: 18.40 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.5	13.2	53.2	
215	44.5	41.8	81.8	





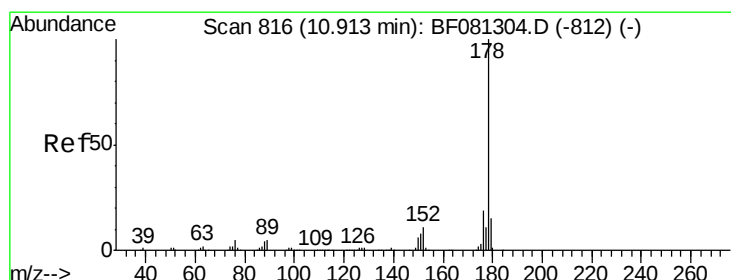
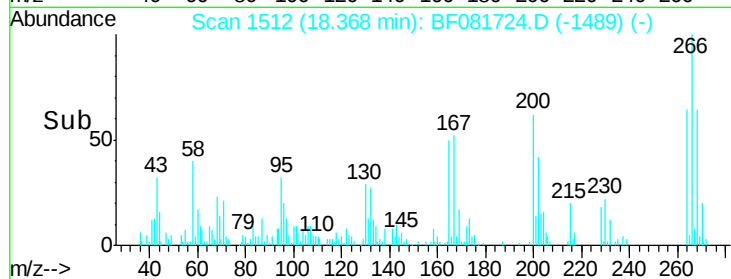
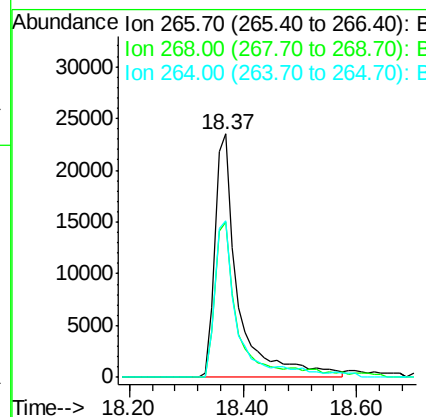
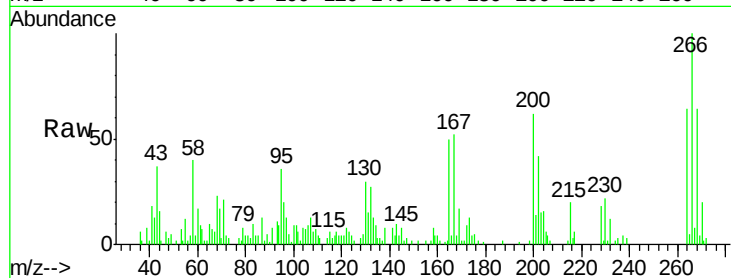
#69
 Pentachlorophenol
 Concen: 88.27 ng
 RT: 18.37 min Scan# 1512
 Delta R.T. -0.03 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	65950		
268	63.6	49.8	74.6	
264	64.3	50.2	75.2	

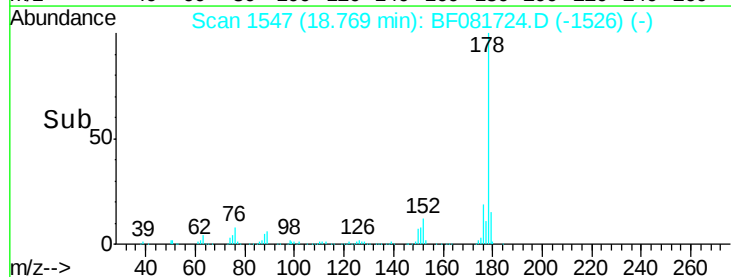
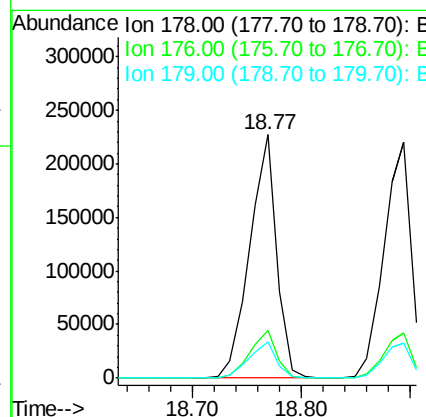
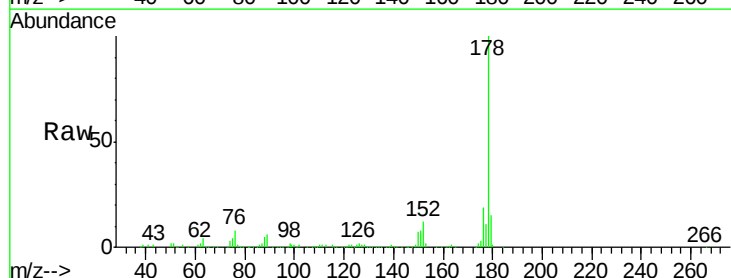
Manual Integrations
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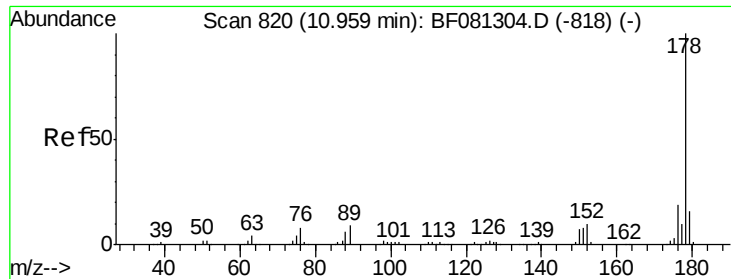
MMDadoda
 9/22/2015 2:15:33 PM



#70
 Phenanthrene
 Concen: 48.78 ng
 RT: 18.77 min Scan# 1547
 Delta R.T. -0.06 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	389150		
176	19.4	13.8	20.8	
179	15.0	12.2	18.2	





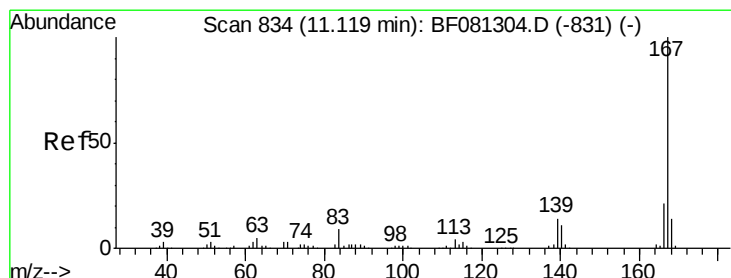
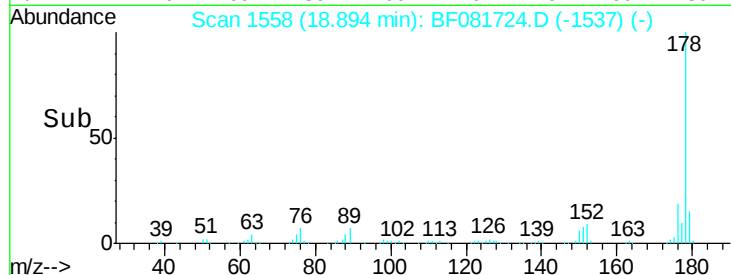
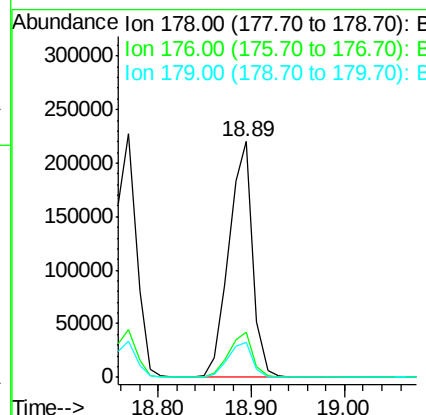
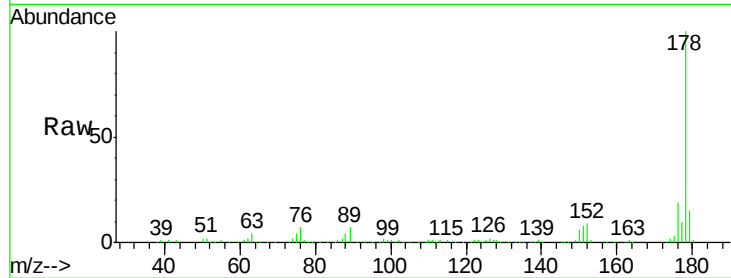
#71
 Anthracene
 Concen: 47.78 ng
 RT: 18.89 min Scan# 1558
 Delta R.T. -0.06 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tot Ion:	178	Resp:	391611
Ion Ratio	Lower	Upper	
178	100		
176	19.2	14.1	21.1
179	14.8	12.2	18.2

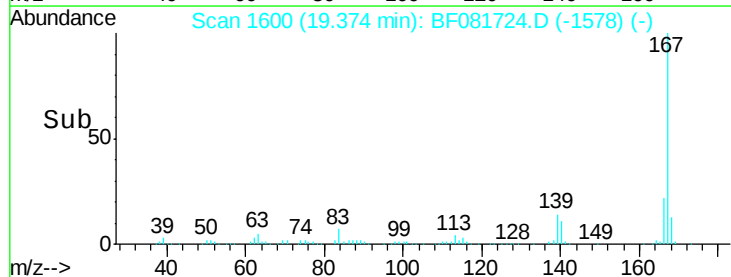
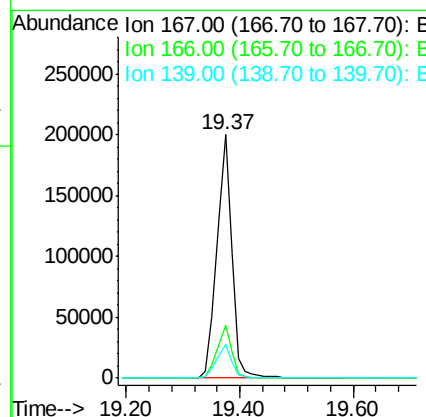
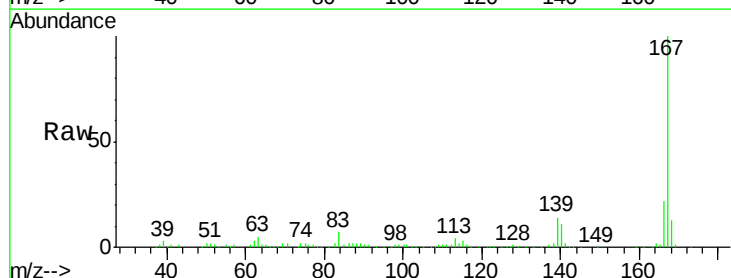
Manual Integrations
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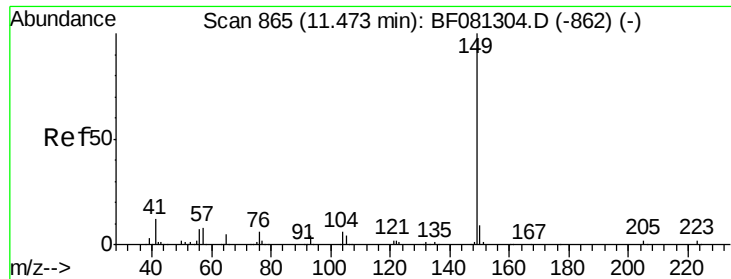
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 9/22/2015 2:15:33 PM



#72
 Carbazole
 Concen: 47.12 ng
 RT: 19.37 min Scan# 1600
 Delta R.T. -0.04 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Tgt Ion:	167	Resp:	362419
Ion Ratio	Lower	Upper	
167	100		
166	21.6	15.7	23.5
139	13.9	9.5	14.3





#73

Di-n-butylphthalate

Concen: 52.20 ng

RT: 20.41 min Scan# 1691

Delta R.T. -0.06 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

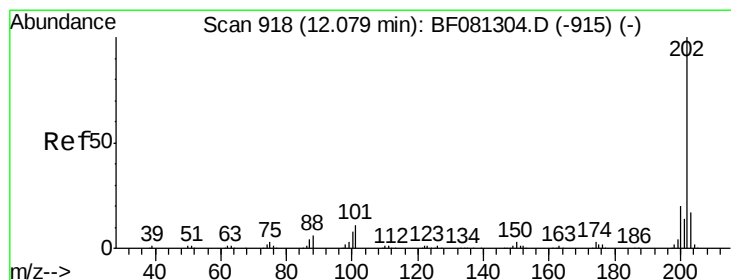
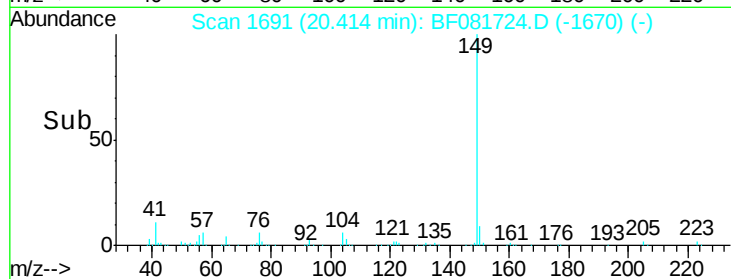
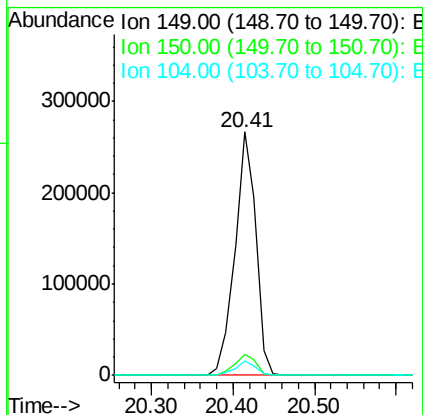
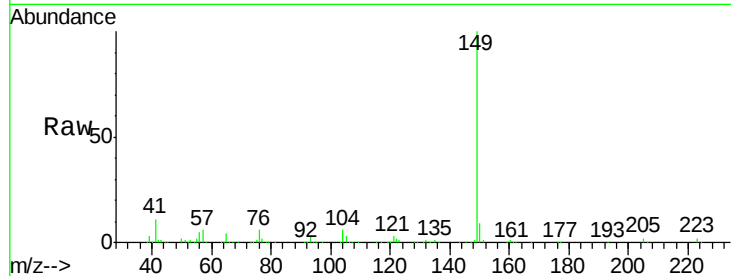
ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion:	149	Resp:	474167
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.4	11.2
104	5.8	2.4	3.6

Manual Integrations
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#74

Fluoranthene

Concen: 49.41 ng

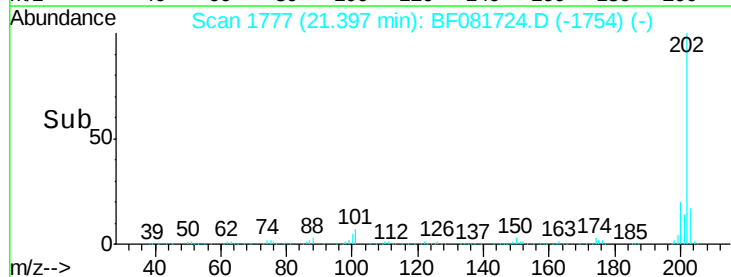
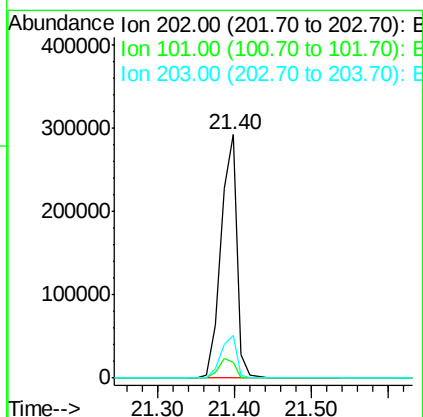
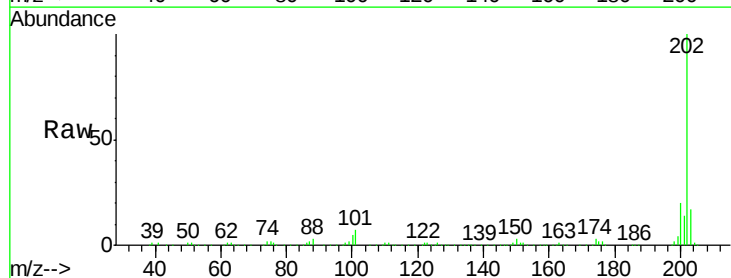
RT: 21.40 min Scan# 1777

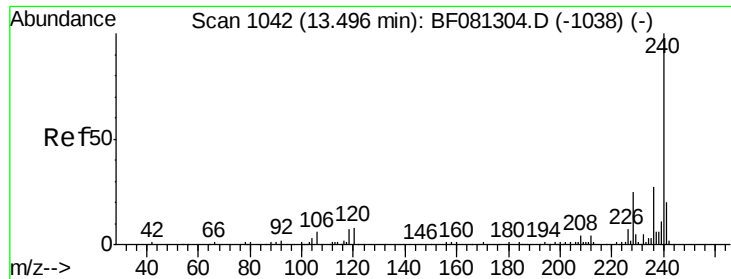
Delta R.T. -0.03 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion:	202	Resp:	426741
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	38.3
203	17.5	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

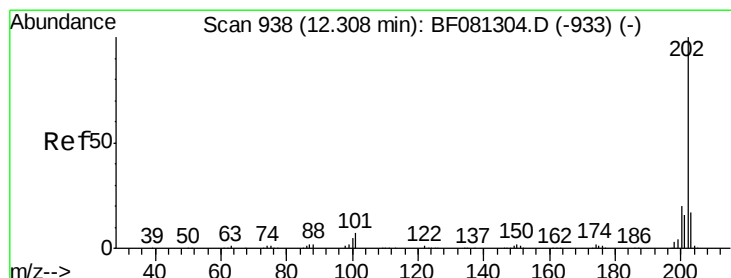
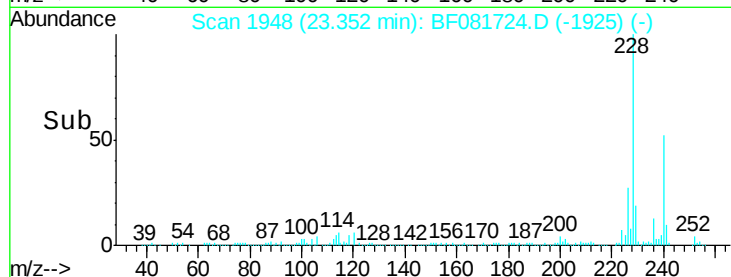
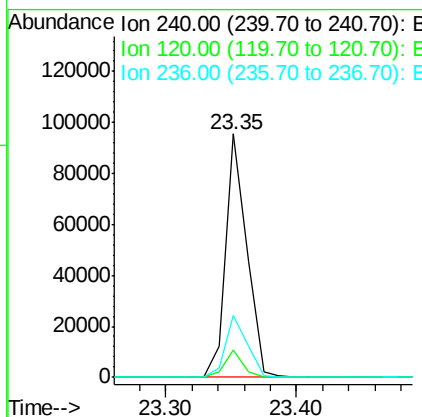
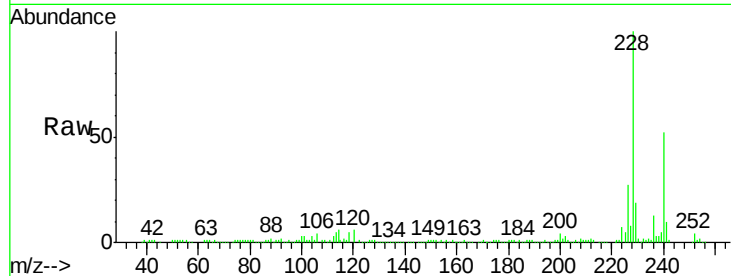
ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion:	240	Resp:	107511
Ion Ratio	Lower	Upper	
240	100		
120	11.3	16.2	24.2#
236	25.3	18.4	27.6

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#77

Pyrene

Concen: 53.44 ng

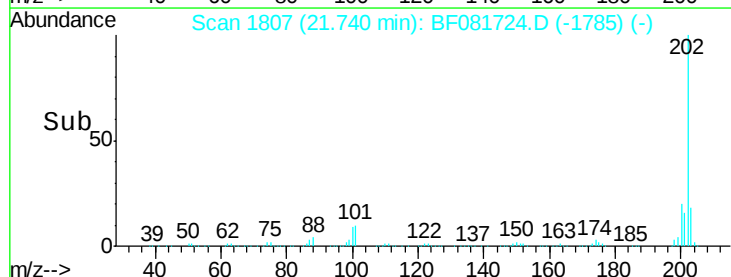
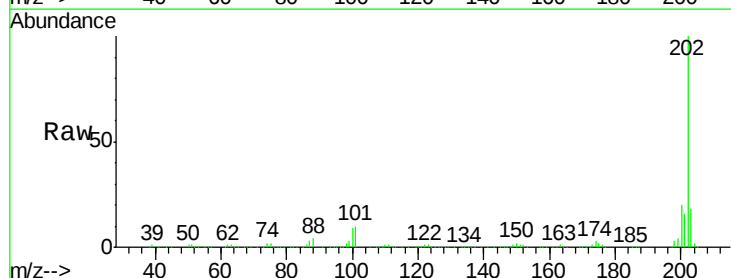
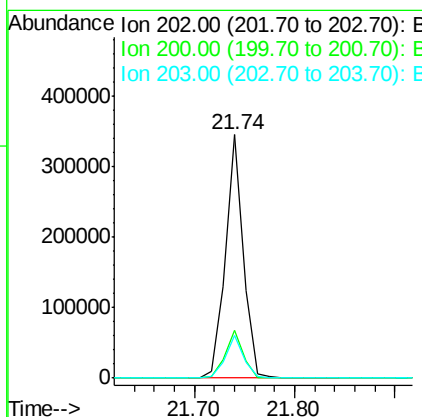
RT: 21.74 min Scan# 1807

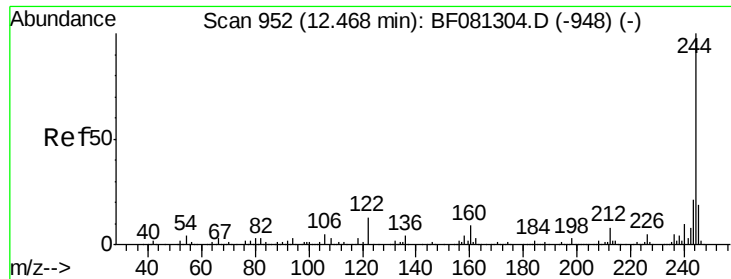
Delta R.T. -0.04 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Tgt Ion:	202	Resp:	425562
Ion Ratio	Lower	Upper	
202	100		
200	19.7	15.0	22.4
203	17.5	14.1	21.1





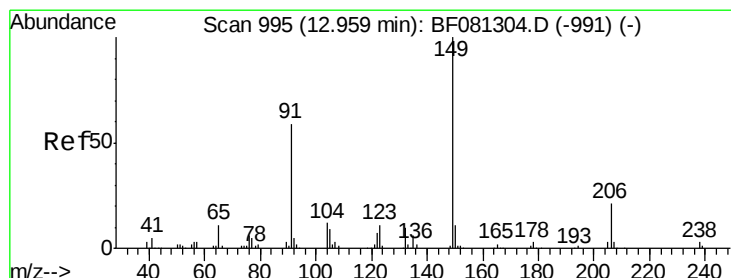
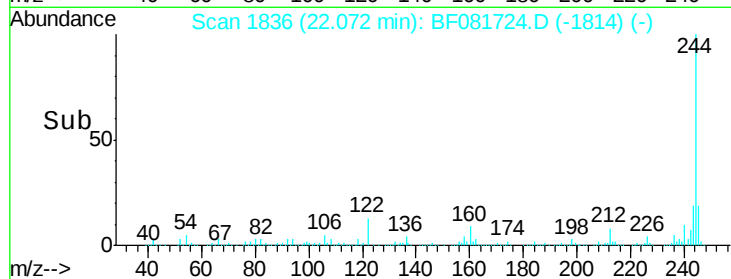
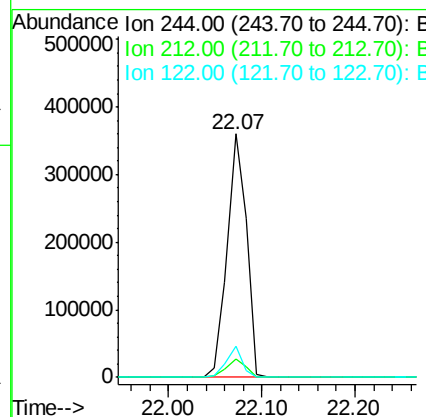
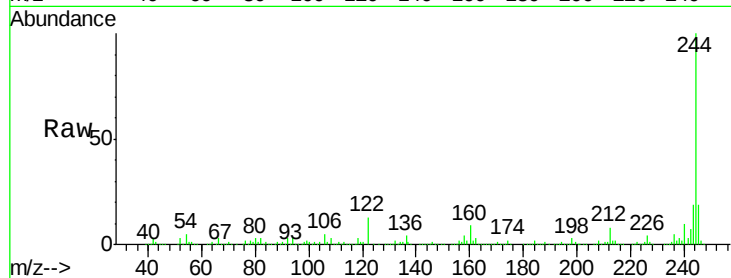
#78
 Terphenyl-d14
 Concen: 112.53 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	12.6	17.4	26.2#

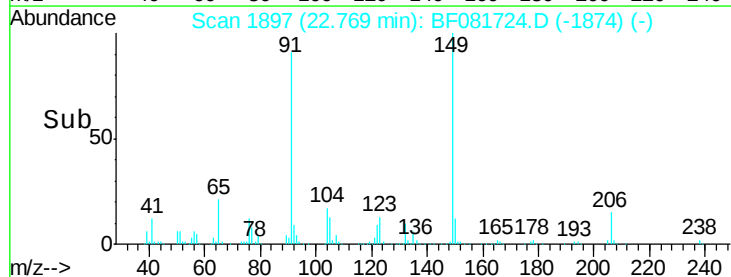
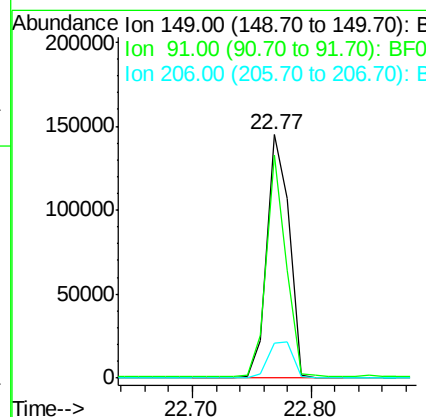
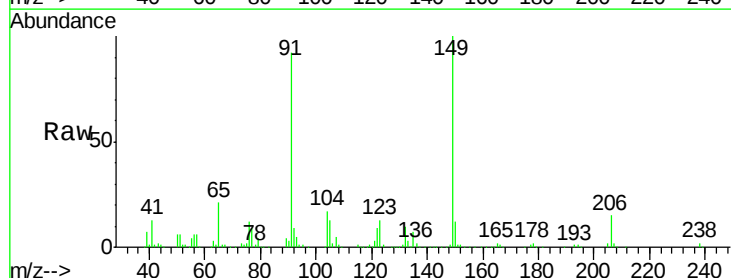
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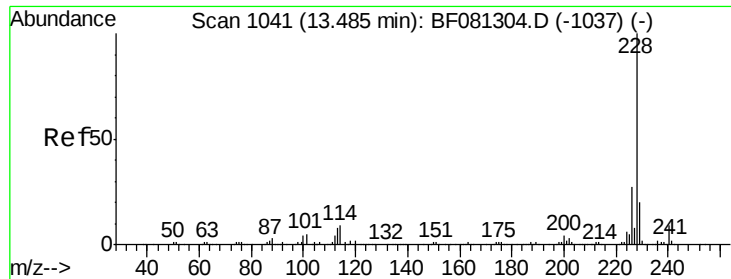
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#79
 Butylbenzylphthalate
 Concen: 55.34 ng
 RT: 22.77 min Scan# 1897
 Delta R.T. -0.03 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	91.6	48.6	72.8#
206	14.6	14.9	22.3#





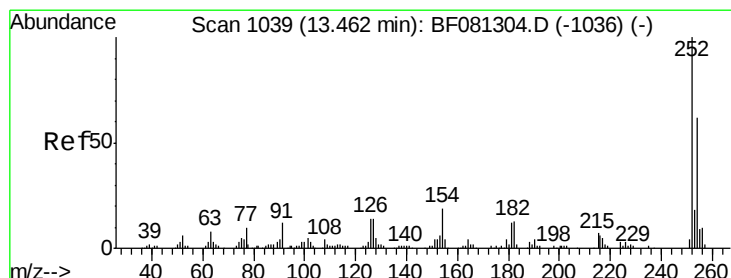
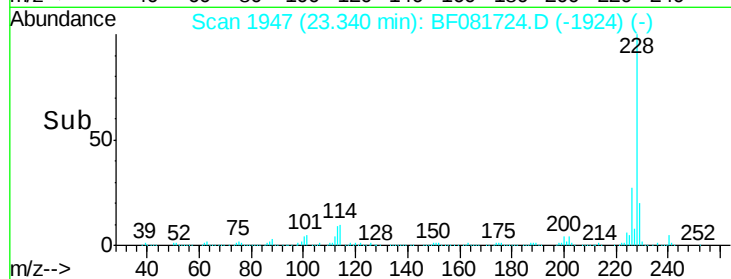
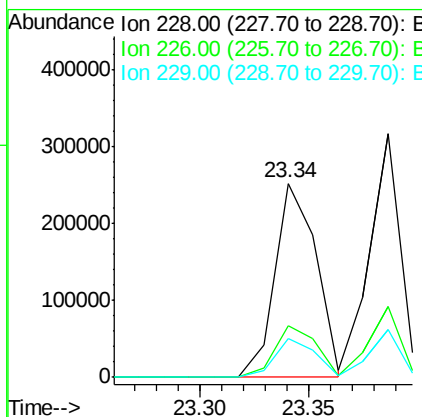
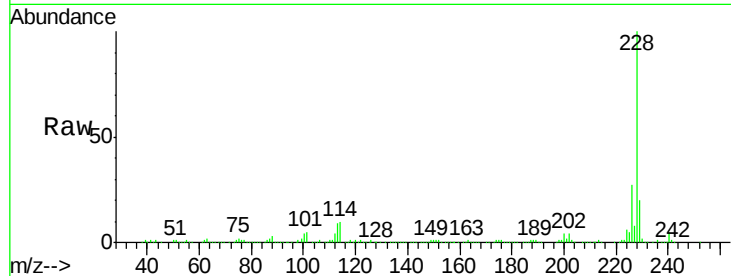
#80
Benzo(a)anthracene
Concen: 49.00 ng
RT: 23.34 min Scan# 1947
Delta R.T. -0.03 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	26.7	20.0	30.0		
229	19.8	15.4	23.2		

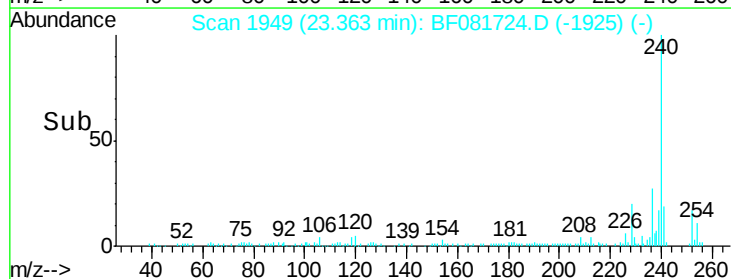
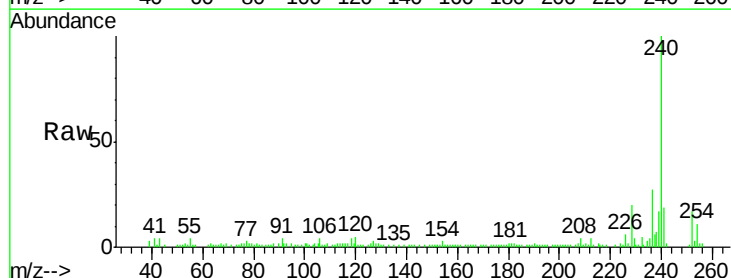
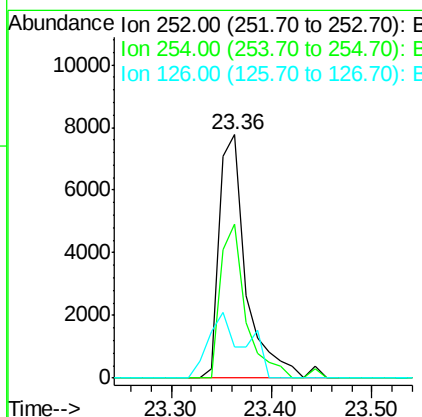
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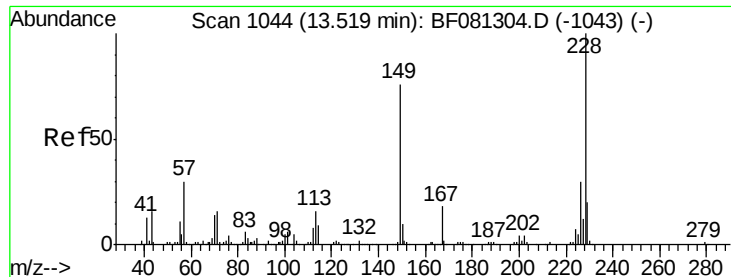
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#81
3,3'-Dichlorobenzidine
Concen: 6.28 ng
RT: 23.36 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	63.5	51.4	77.2		
126	12.8	16.4	24.6		





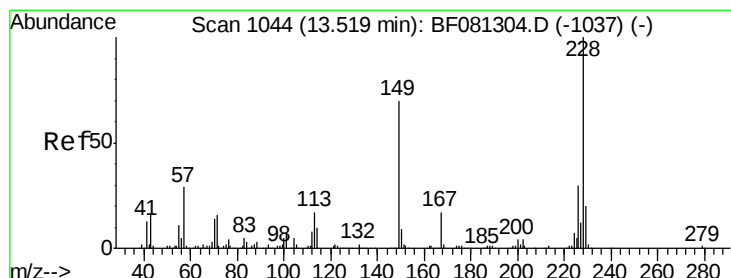
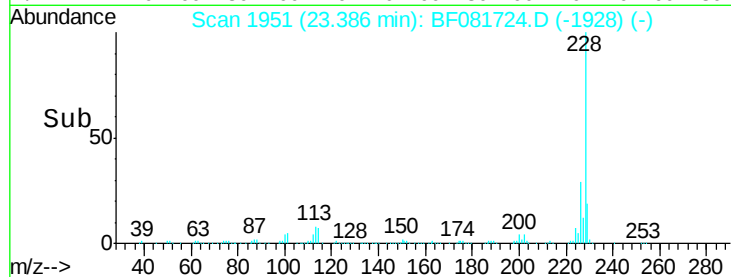
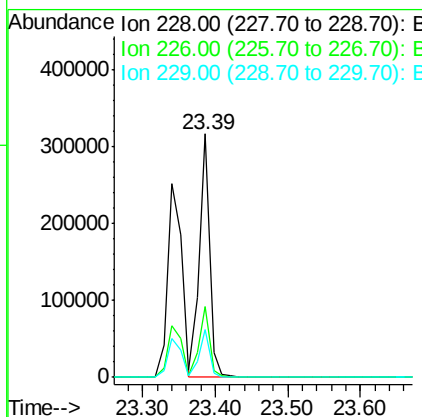
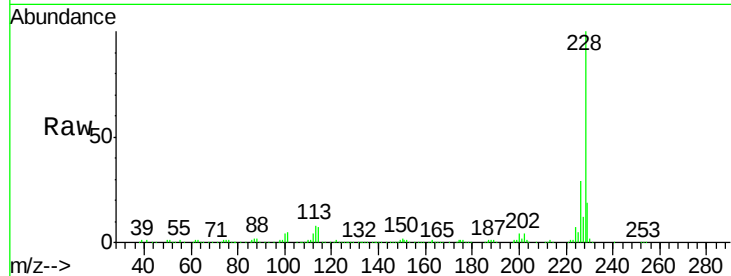
#82
 Chrysene
 Concen: 51.77 ng
 RT: 23.39 min Scan# 1951
 Delta R.T. -0.03 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tot Ion:	228	Resp:	317744
Ion Ratio		Lower	Upper
228	100		
226	29.0	21.0	31.4
229	19.5	15.6	23.4

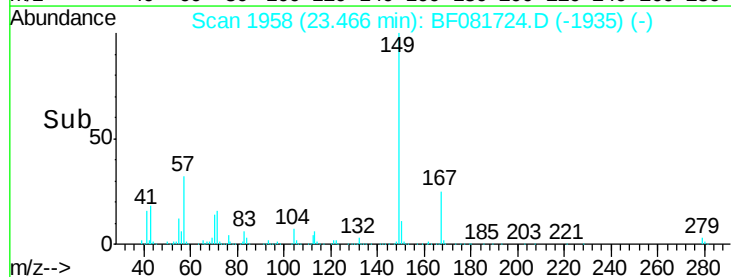
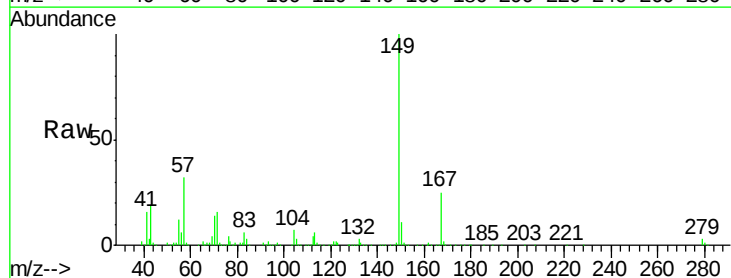
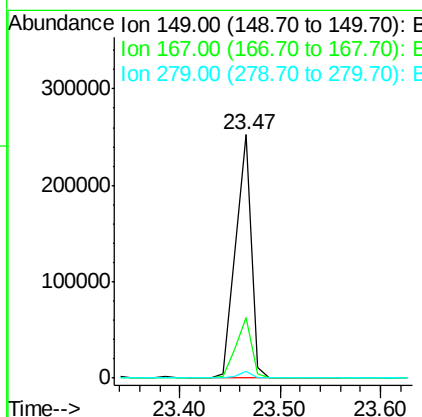
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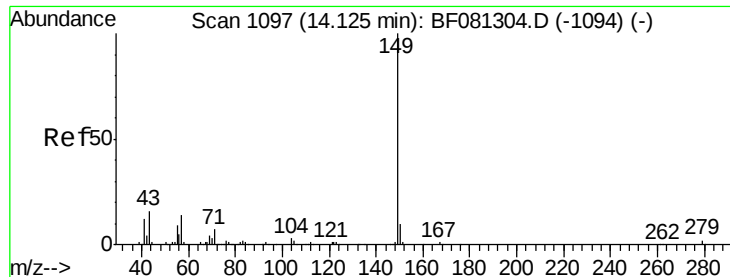
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.12 ng
 RT: 23.47 min Scan# 1958
 Delta R.T. -0.03 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Tgt Ion:	149	Resp:	274772
Ion Ratio		Lower	Upper
149	100		
167	25.1	24.2	36.2
279	2.8	3.8	5.6#





#84

Di-n-octyl phthalate

Concen: 52.59 ng

RT: 24.12 min Scan# 2015

Delta R.T. -0.03 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion:149 Resp: 395784

Ion Ratio Lower Upper

149 100

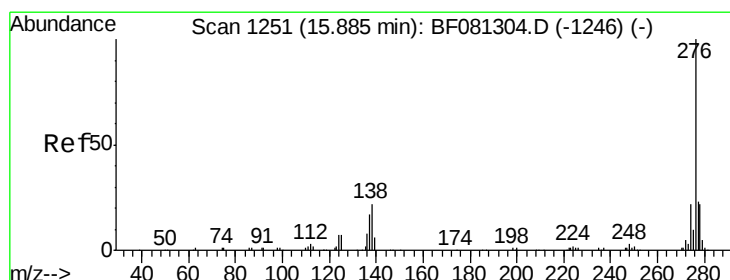
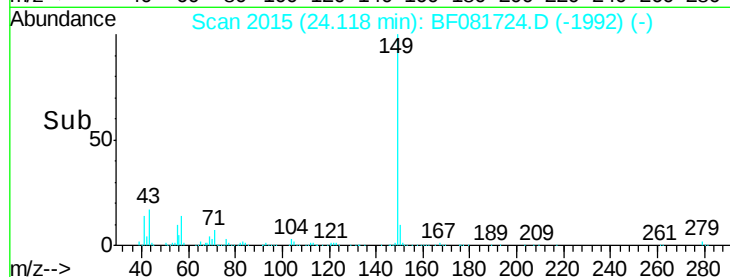
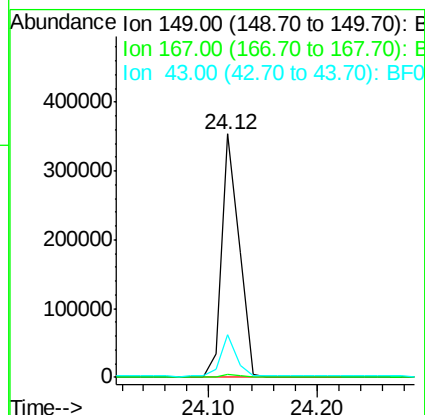
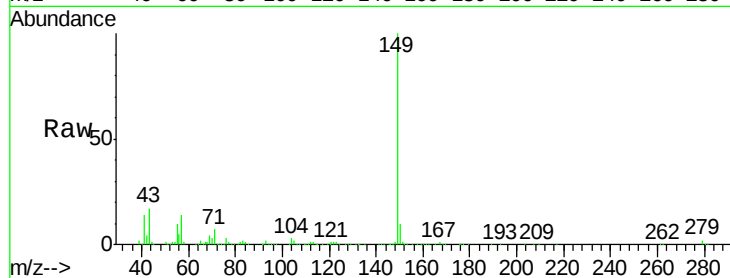
167 1.4 1.0 1.6

43 15.6 10.2 15.2#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 55.89 ng

RT: 25.83 min Scan# 2165

Delta R.T. -0.04 min

Lab File: BF081724.D

Acq: 21 Sep 2015 20:54

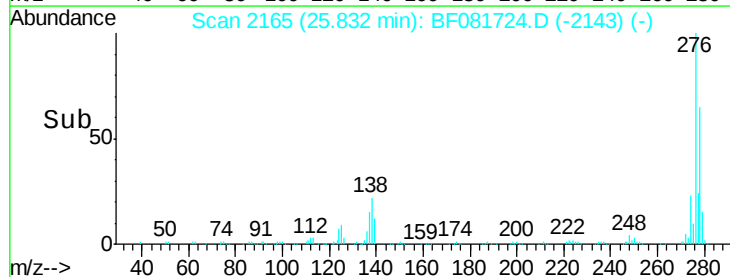
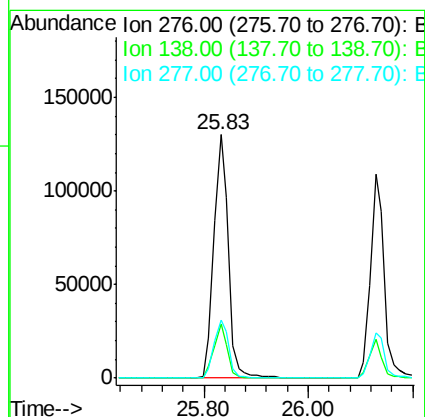
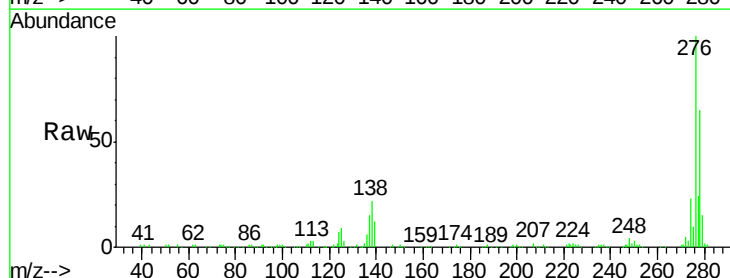
Tgt Ion:276 Resp: 251681

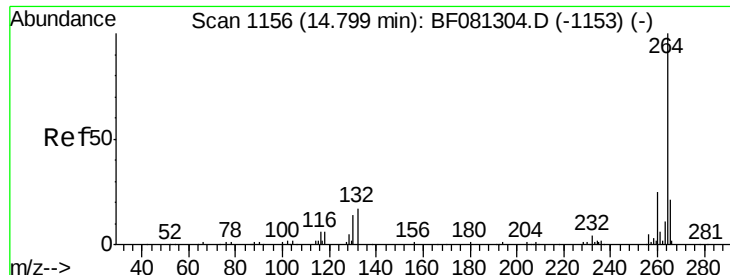
Ion Ratio Lower Upper

276 100

138 20.7 25.7 38.5#

277 24.2 15.6 23.4#





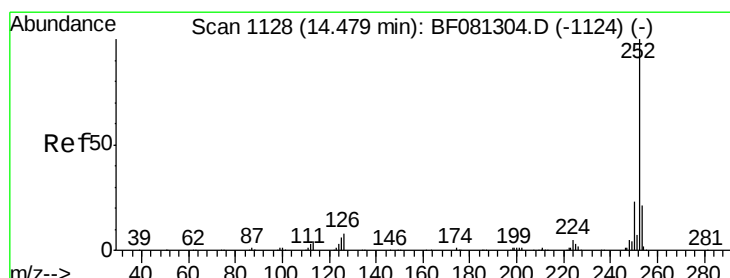
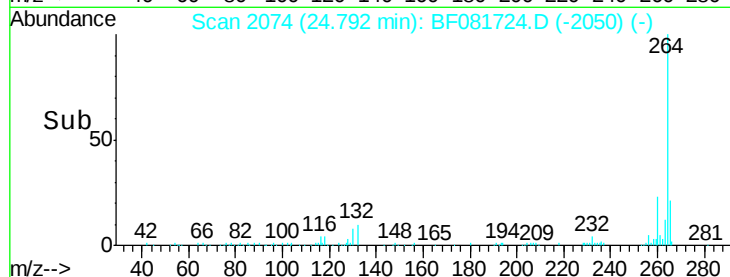
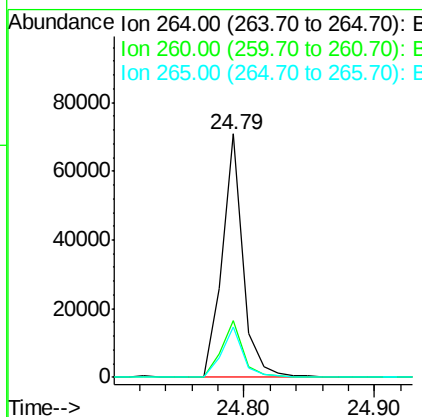
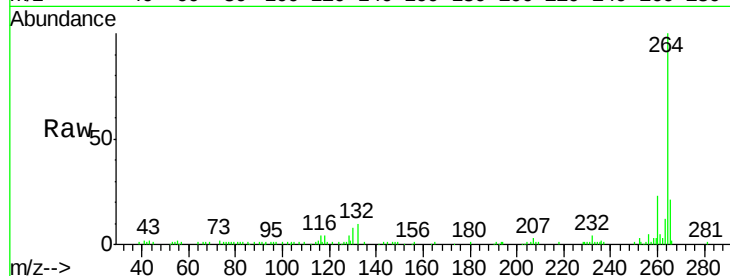
#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. -0.02 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

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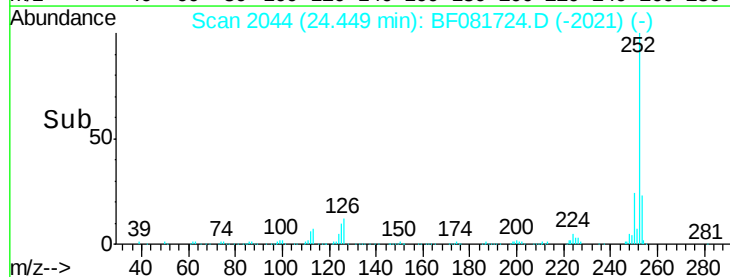
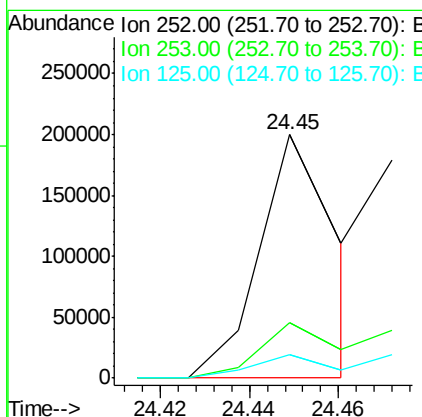
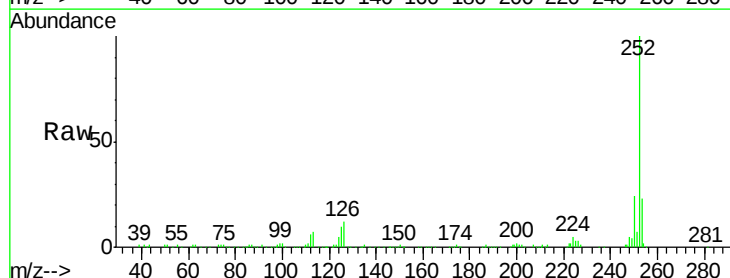
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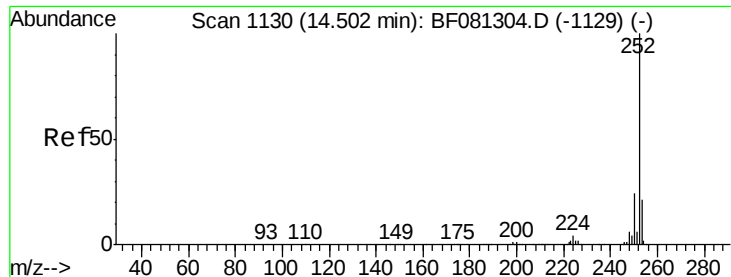
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	16.7	25.1
265	20.9	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 42.66 ng m
RT: 24.45 min Scan# 2044
Delta R.T. -0.03 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.5	17.1	25.7#





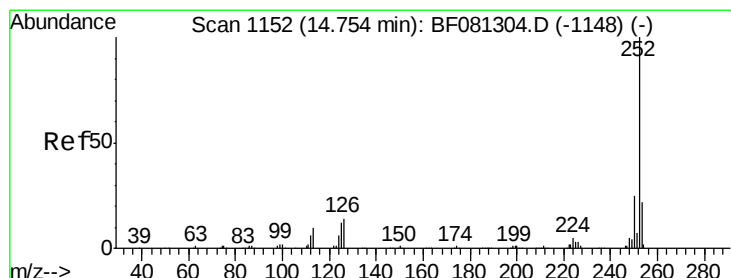
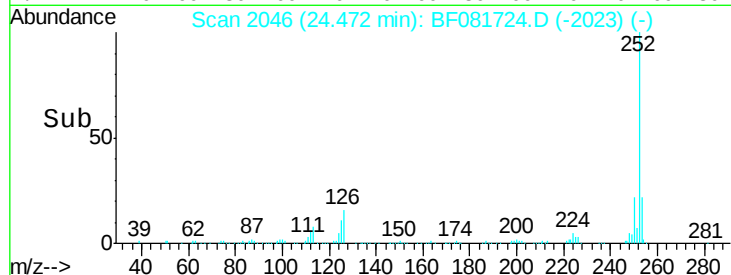
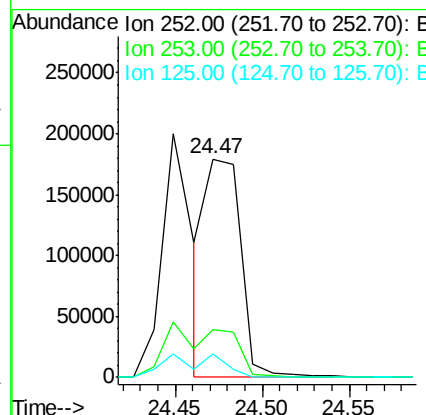
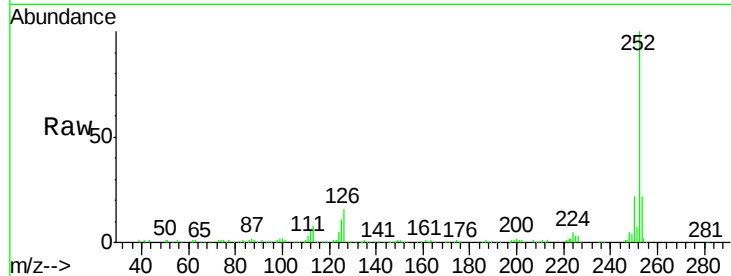
#88
Benzo(k)fluoranthene
Concen: 54.87 ng m
RT: 24.47 min Scan# 2046
Delta R.T. -0.03 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	10.8	16.0	24.0

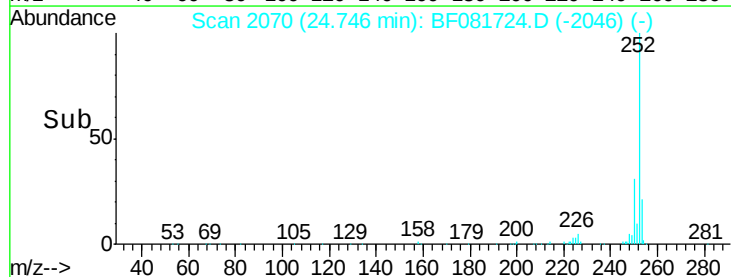
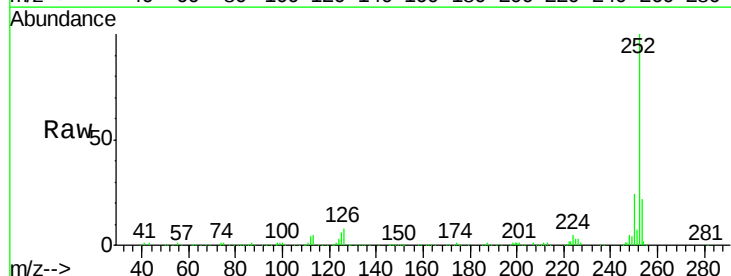
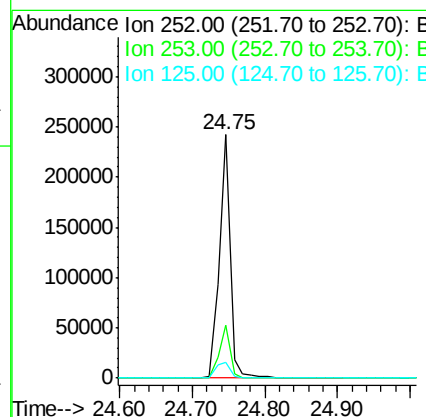
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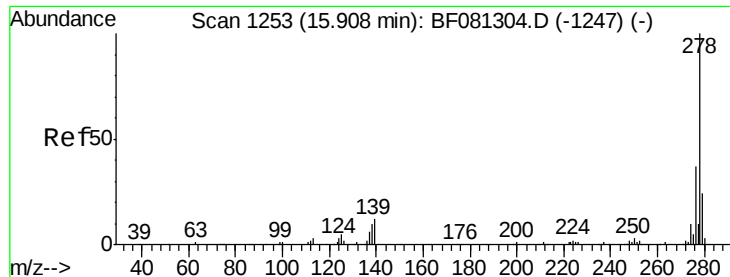
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#89
Benzo(a)pyrene
Concen: 53.08 ng
RT: 24.75 min Scan# 2070
Delta R.T. -0.02 min
Lab File: BF081724.D
Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	6.3	18.0	27.0





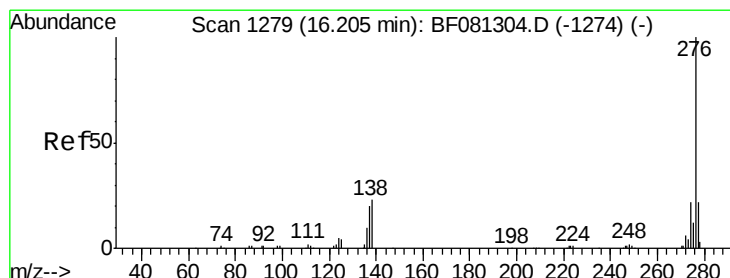
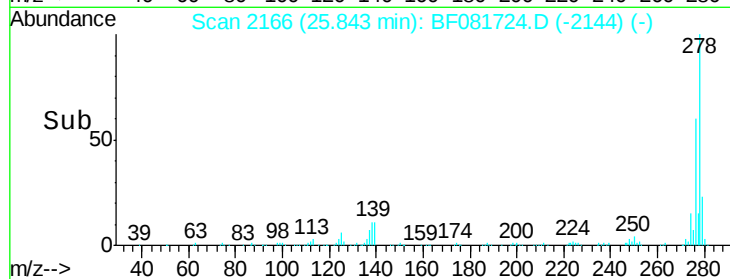
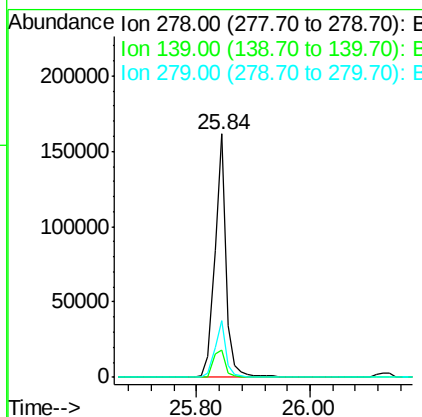
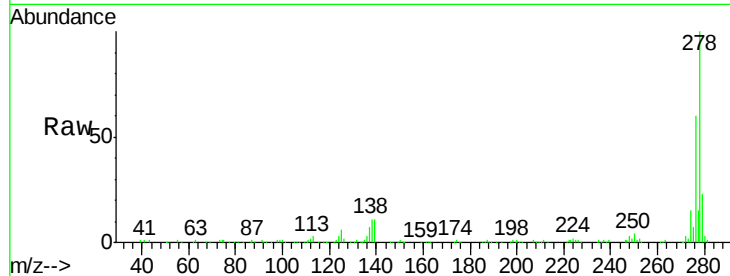
#90
 Dibenzo(a,h)anthracene
 Concen: 59.07 ng
 RT: 25.84 min Scan# 2166
 Delta R.T. -0.04 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.4	26.3	39.5#
279	23.2	18.2	27.4

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 57.90 ng
 RT: 26.13 min Scan# 2191
 Delta R.T. -0.04 min
 Lab File: BF081724.D
 Acq: 21 Sep 2015 20:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.8	26.6
138	18.9	34.6	51.8#

