

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081723.D
 Acq On : 21 Sep 2015 20:18
 Operator : UM/IZ
 Sample : G3717-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:15:27 PM

Quant Time: Sep 22 03:11:29 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	41584	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	162115	20.00	ng	-0.06
38) Acenaphthene-d10	15.20	164	73549	20.00	ng	-0.06
63) Phenanthrene-d10	18.71	188	152185	20.00	ng	-0.04
75) Chrysene-d12	23.35	240	115024	20.00	ng	-0.03
86) Perylene-d12	24.79	264	82975	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	174522	65.11	ng	-0.02
7) Phenol-d6	7.60	99	148870	41.96	ng	-0.04
23) Nitrobenzene-d5	9.48	82	364505	108.48	ng	-0.06
41) 2,4,6-Tribromophenol	17.12	330	110540	168.79	ng	-0.04
44) 2-Fluorobiphenyl	13.72	172	617277	107.55	ng	-0.06
78) Terphenyl-d14	22.07	244	526770	106.61	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.57	88	28005	23.27	ng	# 59
3) Pyridine	2.12	79	38972	11.74	ng	# 86
4) n-Nitrosodimethylamine	2.05	42	40234	21.82	ng	# 55
6) Aniline	7.48	93	84006	16.77	ng	# 84
8) 2-Chlorophenol	7.72	128	110546	37.43	ng	# 78
9) Benzaldehyde	7.19	77	46095	20.74	ng	# 75
10) Phenol	7.62	94	58257	14.16	ng	# 39
11) bis(2-Chloroethyl)ether	7.69	93	137092	46.18	ng	# 85
12) 1,3-Dichlorobenzene	8.01	146	124151	39.34	ng	# 90
13) 1,4-Dichlorobenzene	8.20	146	128202	39.90	ng	# 90
14) 1,2-Dichlorobenzene	8.52	146	124218	42.94	ng	# 89
15) Benzyl Alcohol	8.62	79	82970	28.51	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	8.93	45	282900	49.72	ng	# 96
17) 2-Methylphenol	8.97	107	72713	30.85	ng	# 80
18) Hexachloroethane	9.25	117	50137	40.11	ng	# 90
19) n-Nitroso-di-n-propylamine	9.25	70	113642	47.07	ng	# 89
20) 3+4-Methylphenols	9.35	107	80978	25.49	ng	# 85
22) Acetophenone	9.16	105	209946	47.41	ng	# 74
24) Nitrobenzene	9.51	77	176193	50.49	ng	# 61
25) Isophorone	10.10	82	295085	47.21	ng	# 84
26) 2-Nitrophenol	10.24	139	65731	43.22	ng	# 18
27) 2,4-Dimethylphenol	10.53	122	106073	40.38	ng	# 75
28) bis(2-Chloroethoxy)methane	10.71	93	174033	48.21	ng	# 92
29) 2,4-Dichlorophenol	10.87	162	98853	43.40	ng	# 92
30) 1,2,4-Trichlorobenzene	10.97	180	110579	44.69	ng	# 97
31) Naphthalene	11.11	128	390240	45.14	ng	# 98
32) Benzoic acid	11.01	122	18092	11.68	ng	# 46
33) 4-Chloroaniline	11.37	127	63658	18.05	ng	# 84
34) Hexachlorobutadiene	11.46	225	68727	45.64	ng	# 98
35) Caprolactam	12.47	113	5825m	8.34	ng	# 73
36) 4-Chloro-3-methylphenol	12.68	107	116944	45.87	ng	# 88
37) 2-Methylnaphthalene	12.77	142	269401	47.88	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	13.17	216	116531	50.10	ng	# 96
40) Hexachlorocyclopentadiene	13.15	237	88332	77.38	ng	# 96

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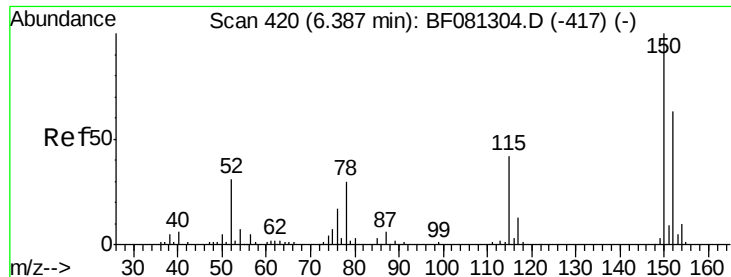
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	73105	45.54	nq	97
43) 2,4,5-Trichlorophenol	13.66	196	78725	48.07	nq	# 92
45) 1,1'-Biphenyl	13.91	154	324769	48.00	nq	95
46) 2-Chloronaphthalene	13.90	162	238860	48.88	nq	# 86
47) 2-Nitroaniline	14.27	65	102296	51.36	nq	# 59
48) Acenaphthylene	14.86	152	391939	45.21	nq	97
49) Dimethylphthalate	14.80	163	286577	50.15	nq	# 97
50) 2,6-Dinitrotoluene	14.91	165	59579	45.94	nq	# 40
51) Acenaphthene	15.28	154	229265	46.49	nq	88
52) 3-Nitroaniline	15.27	138	34596	23.43	nq	# 48
53) 2,4-Dinitrophenol	15.56	184	62063	92.58	nq	# 18
54) Dibenzofuran	15.71	168	360357	50.04	nq	# 84
55) 4-Nitrophenol	15.97	139	25982	28.01	nq	# 1
56) 2,4-Dinitrotoluene	15.85	165	82109	49.72	nq	# 44
57) Fluorene	16.52	166	285866	52.31	nq	95
58) 2,3,4,6-Tetrachlorophenol	16.08	232	61508	49.19	nq	92
59) Diethylphthalate	16.49	149	325214	54.10	nq	95
60) 4-Chlorophenyl-phenylether	16.61	204	137152	53.85	nq	# 85
61) 4-Nitroaniline	16.75	138	46861m	31.41	nq	
62) Azobenzene	16.97	77	355127	53.14	nq	80
64) 4,6-Dinitro-2-methylphenol	16.83	198	41264	48.48	nq	# 77
65) n-Nitrosodiphenylamine	16.94	169	242069	43.71	nq	93
66) 4-Bromophenyl-phenylether	17.75	248	76131	49.47	nq	# 92
67) Hexachlorobenzene	17.80	284	78226	48.62	nq	# 82
68) Atrazine	18.40	200	78630	49.07	nq	# 78
69) Pentachlorophenol	18.37	266	71385	89.92	nq	97
70) Phenanthrene	18.77	178	399907	47.27	nq	97
71) Anthracene	18.89	178	409811	47.15	nq	99
72) Carbazole	19.37	167	377315	46.26	nq	96
73) Di-n-butylphthalate	20.41	149	499859	51.90	nq	# 98
74) Fluoranthene	21.40	202	448897	49.01	nq	86
77) Pyrene	21.74	202	436888	51.28	nq	98
79) Butylbenzylphthalate	22.77	149	201609	54.41	nq	# 73
80) Benzo(a)anthracene	23.34	228	355214	48.49	nq	97
81) 3,3'-Dichlorobenzidine	23.35	252	11740	4.75	nq	# 95
82) Chrysene	23.39	228	320125	48.75	nq	94
83) Bis(2-ethylhexyl)phthalate	23.47	149	282229	57.71	nq	# 91
84) Di-n-octyl phthalate	24.12	149	416666	51.75	nq	# 96
85) Indeno(1,2,3-cd)pyrene	25.83	276	261357	54.25	nq	# 83
87) Benzo(b)fluoranthene	24.45	252	255076m	43.06	nq	
88) Benzo(k)fluoranthene	24.47	252	249139m	50.69	nq	
89) Benzo(a)pyrene	24.75	252	261859	52.17	nq	# 82
90) Dibenzo(a,h)anthracene	25.84	278	217806	56.15	nq	# 77
91) Benzo(g,h,i)perylene	26.13	276	211447	57.12	nq	# 73

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



#1

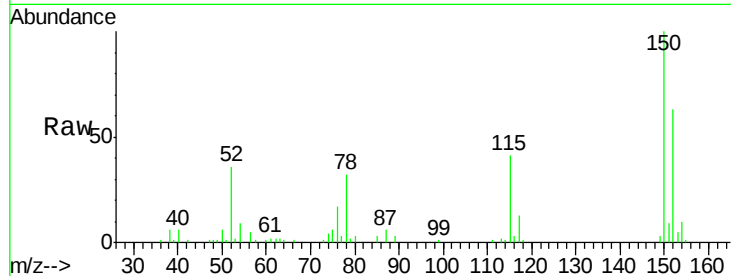
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Instrument :
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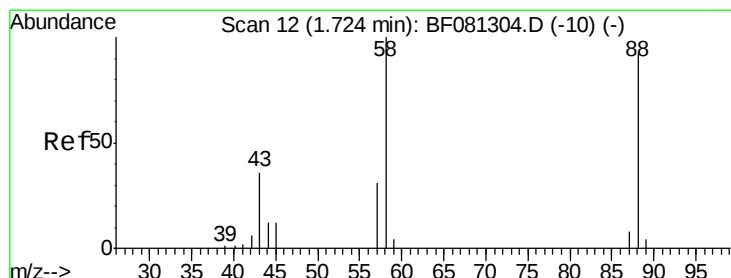
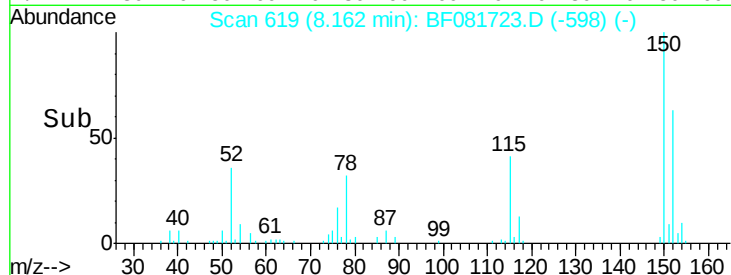
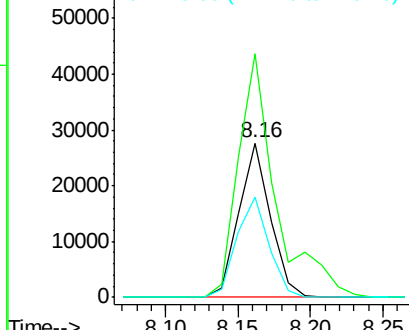
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.7	187.1
115	65.4	39.0	58.4

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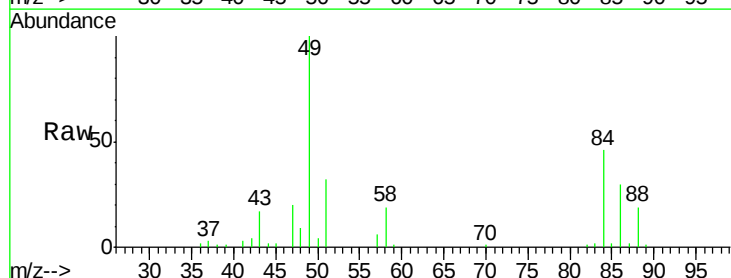
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



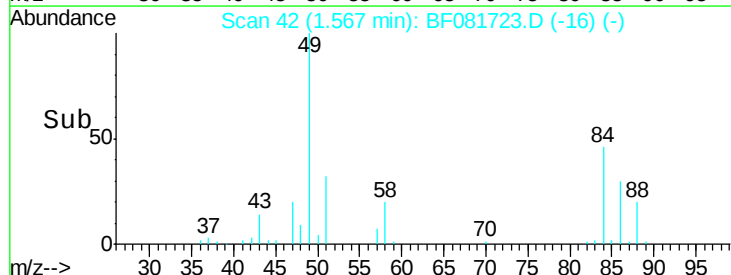
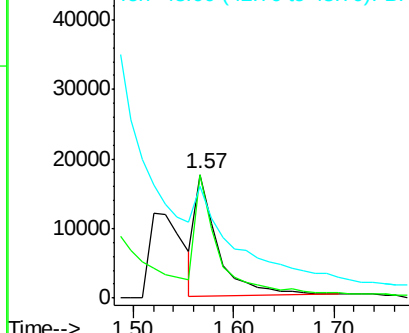
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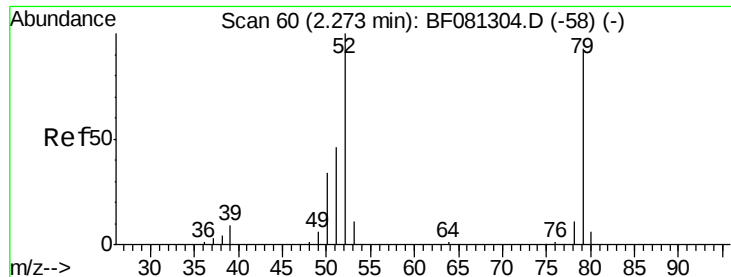
1,4-Dioxane
Concen: 23.27 ng
RT: 1.57 min Scan# 42
Delta R.T. 0.00 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	131.1	77.7	116.5
43	0.0	26.6	40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 11.74 ng

RT: 2.12 min Scan# 90

Delta R.T. 0.04 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Instrument :

BNA_F

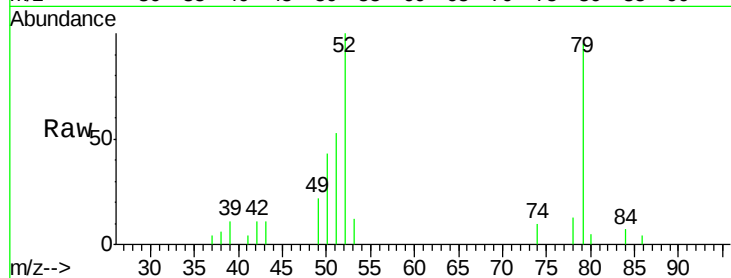
ClientSampleId :

PZ-1-9-17-15MS

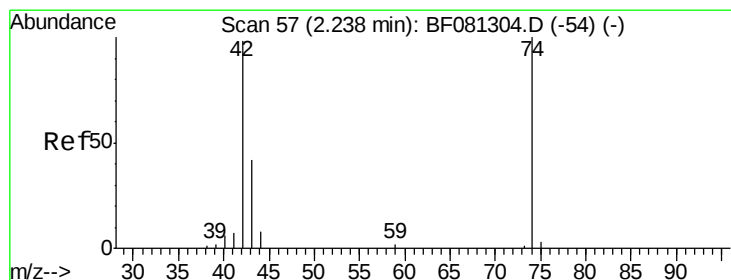
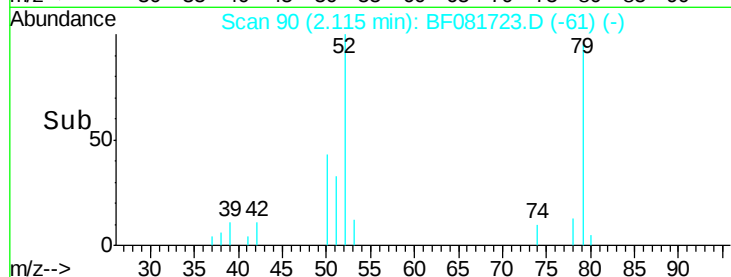
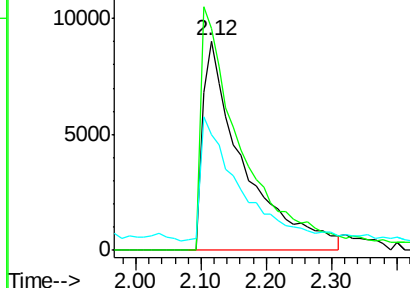
Tot Ion:	79	Resp:	38972
Ion Ratio	Lower	Upper	
79	100		
52	105.8	76.8	115.2
51	55.6	32.2	48.4#

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 21.82 ng

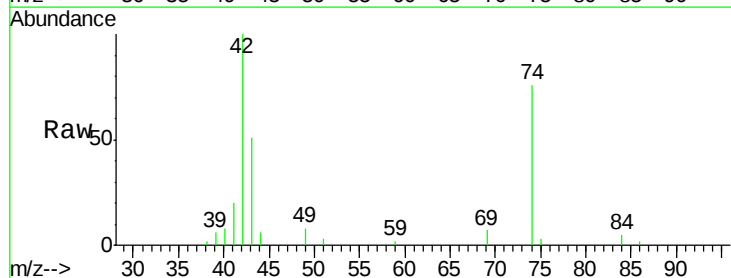
RT: 2.05 min Scan# 84

Delta R.T. -0.01 min

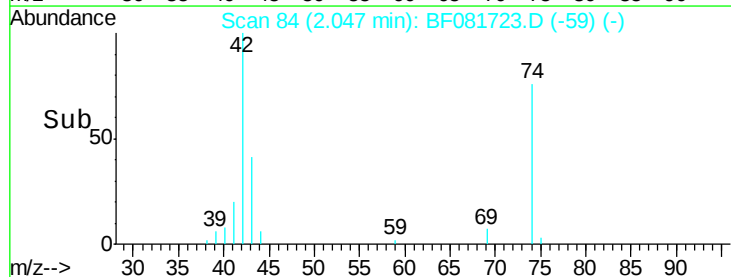
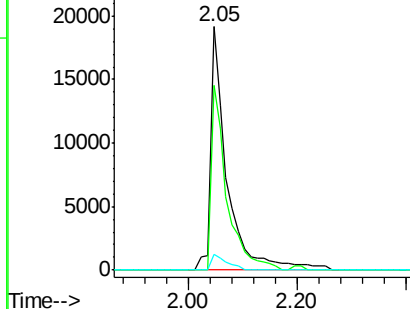
Lab File: BF081723.D

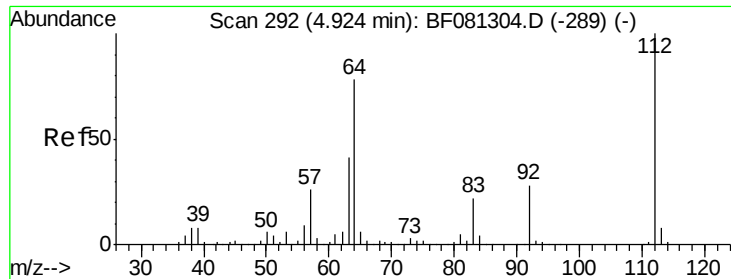
Acq: 21 Sep 2015 20:18

Tgt Ion:	42	Resp:	40234
Ion Ratio	Lower	Upper	
42	100		
74	75.8	105.0	157.6#
44	6.5	6.6	10.0#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





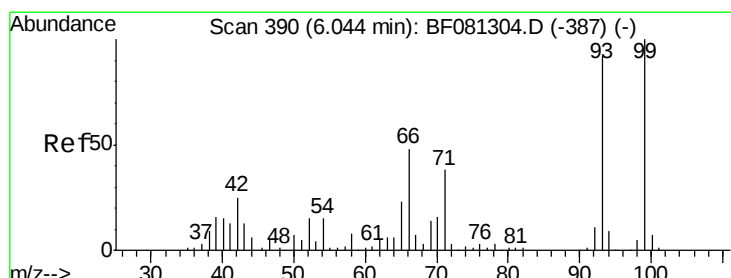
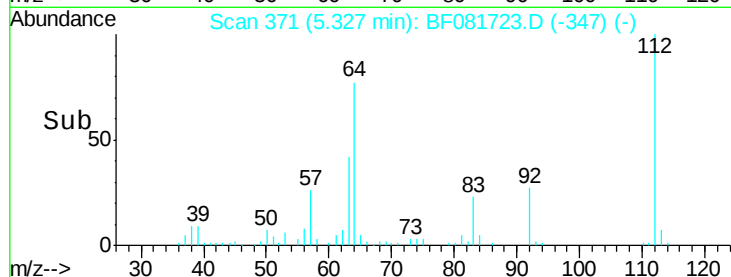
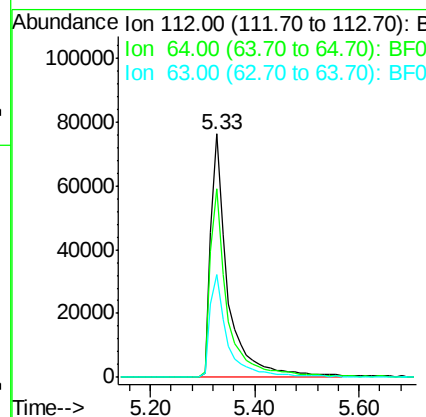
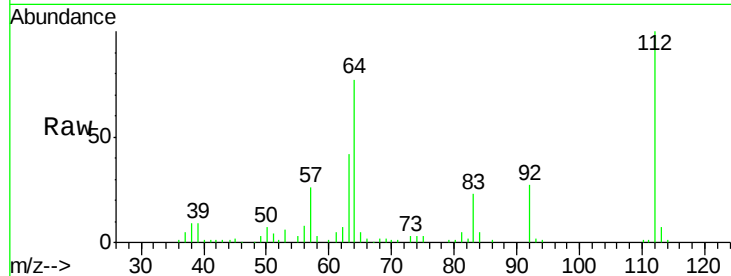
#5
 2-Fluorophenol
 Concen: 65.11 ng
 RT: 5.33 min Scan# 371
 Delta R.T. -0.02 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		174522		
64	77.2	39.7	59.5#		
63	42.3	17.4	26.0#		

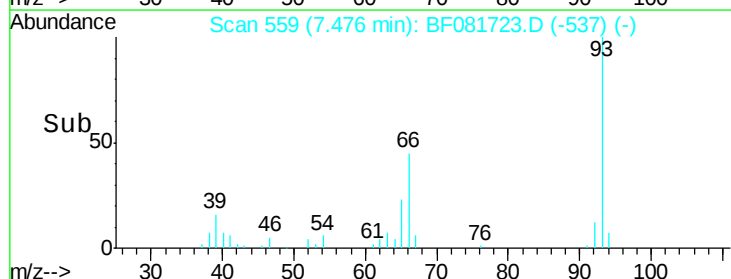
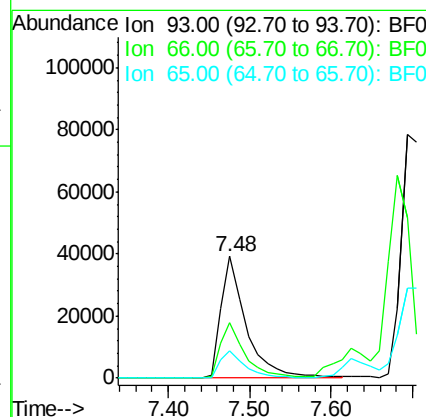
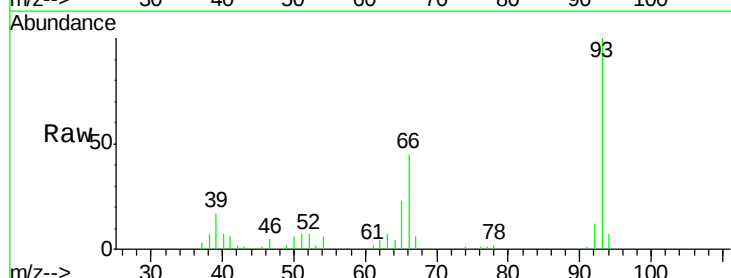
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#6
 Aniline
 Concen: 16.77 ng
 RT: 7.48 min Scan# 559
 Delta R.T. -0.04 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		84006		
66	45.3	27.2	40.8#		
65	22.7	14.7	22.1#		





#7

Phenol-d6

Concen: 41.96 ng

RT: 7.60 min Scan# 570

Delta R.T. -0.04 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MS

Tot Ion: 99 Resp: 148870

Ion Ratio Lower Upper

99 100

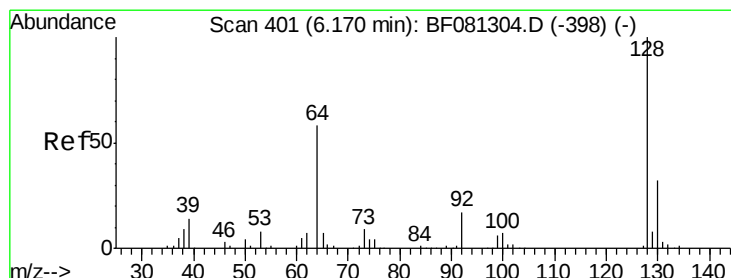
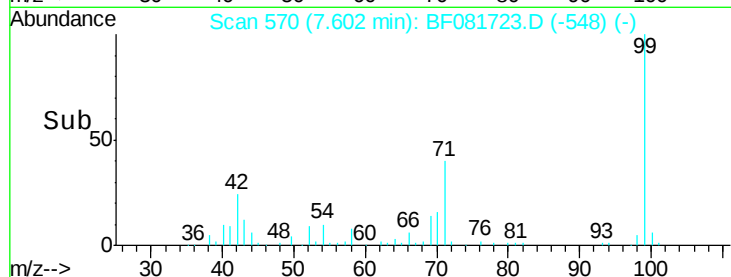
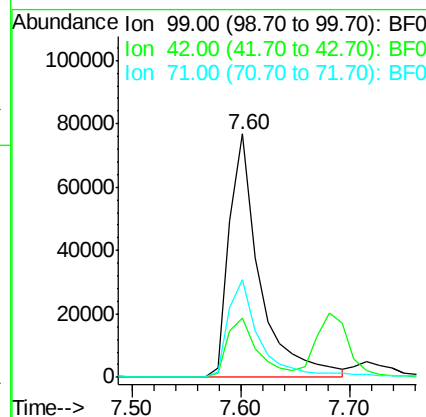
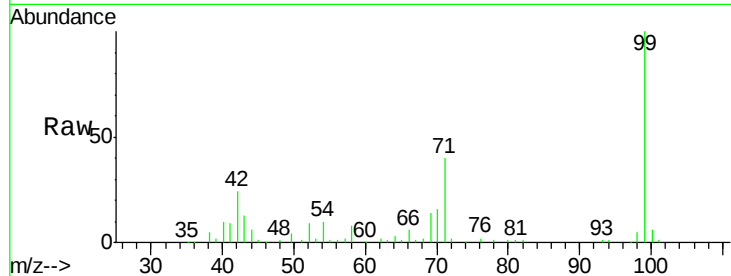
42 24.3 13.7 20.5#

71 40.3 14.2 21.2#

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.43 ng

RT: 7.72 min Scan# 580

Delta R.T. -0.06 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

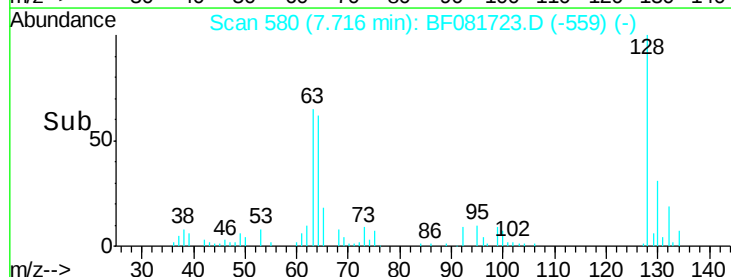
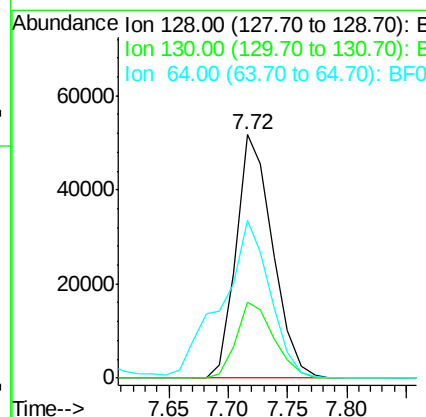
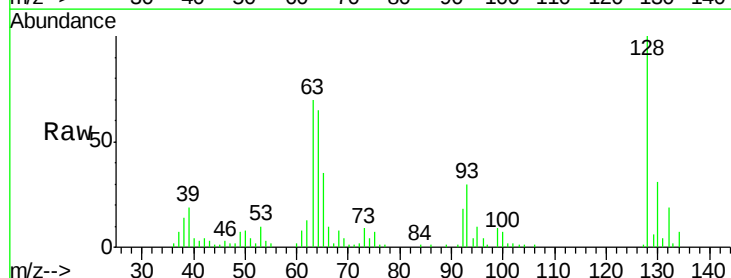
Tgt Ion: 128 Resp: 110546

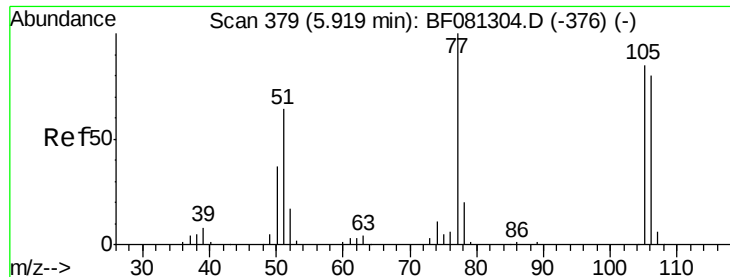
Ion Ratio Lower Upper

128 100

130 31.3 12.2 52.2

64 64.8 20.5 60.5#





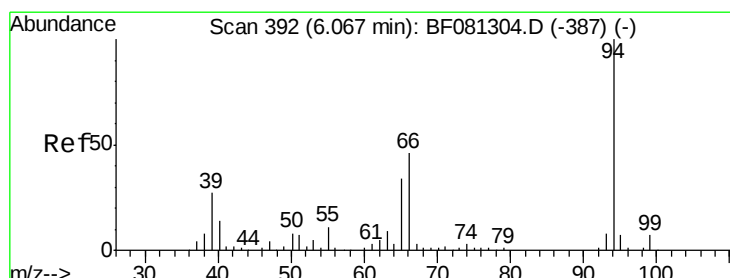
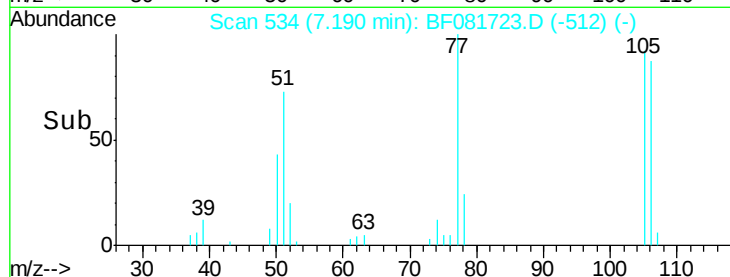
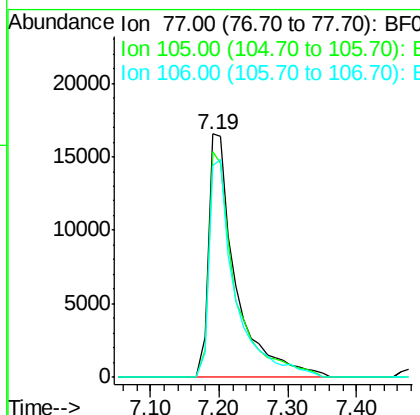
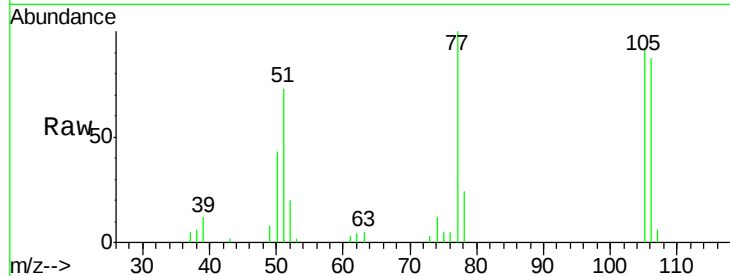
#9
Benzaldehyde
Concen: 20.74 ng
RT: 7.19 min Scan# 534
Delta R.T. -0.04 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Instrument :
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PZ-1-9-17-15MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.5	91.6	131.6
106	86.9	102.6	142.6

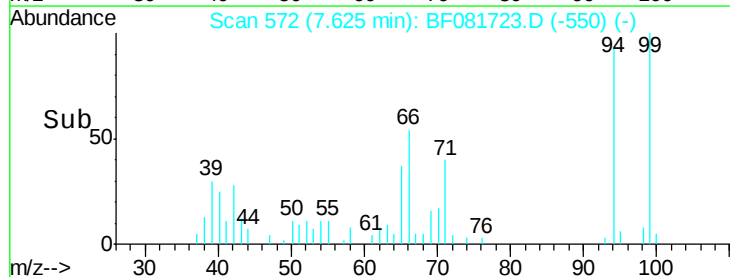
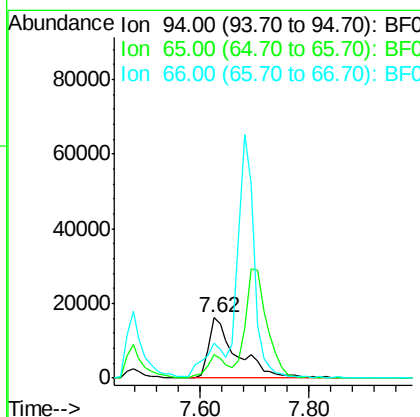
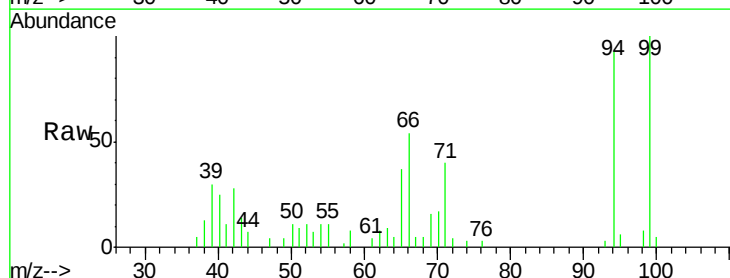
Manual Integrations
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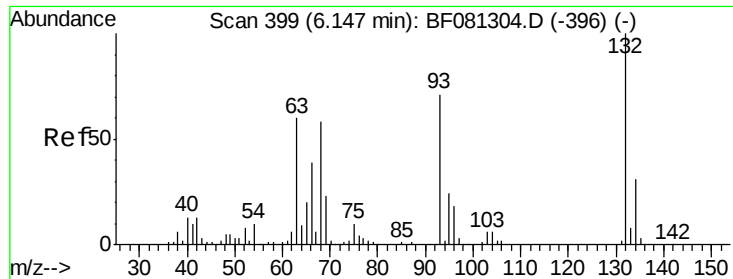
MMDadoda
9/22/2015 2:15:27 PM



#10
Phenol
Concen: 14.16 ng
RT: 7.62 min Scan# 572
Delta R.T. -0.04 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.6	0.7	40.7
66	58.4	0.8	40.8





#11

bis(2-Chloroethyl)ether

Concen: 46.18 ng

RT: 7.69 min Scan# 578

Delta R.T. -0.07 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Instrument :

BNA_F

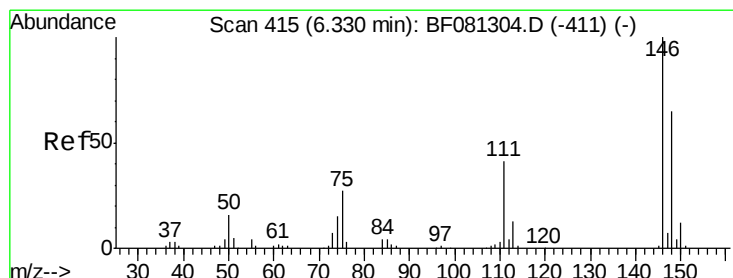
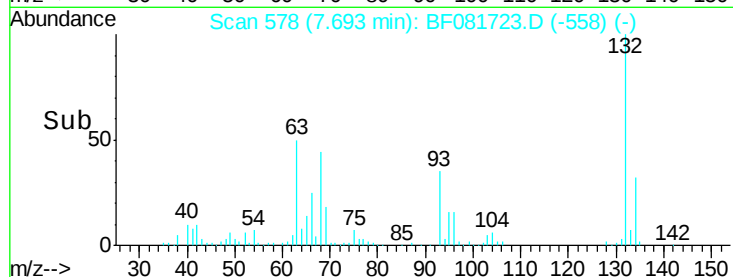
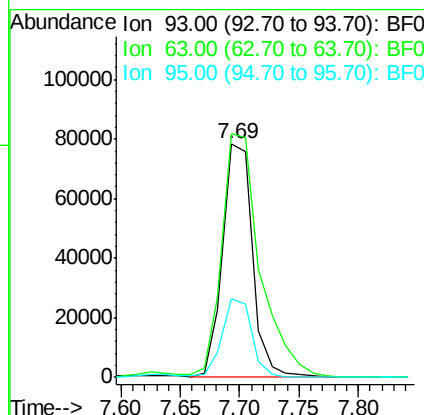
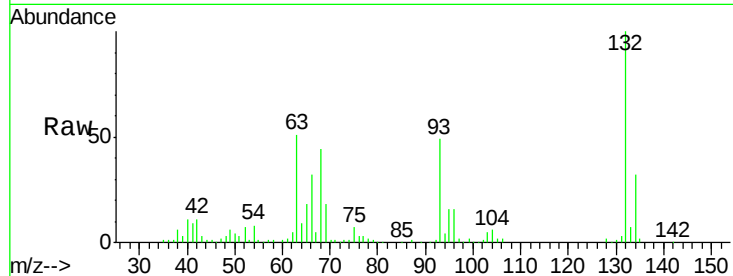
ClientSampleId :

PZ-1-9-17-15MS

Tot Ion:	93	Resp:	137092
Ion Ratio	Lower	Upper	
93	100		
63	104.3	65.6	105.6
95	33.7	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 39.34 ng

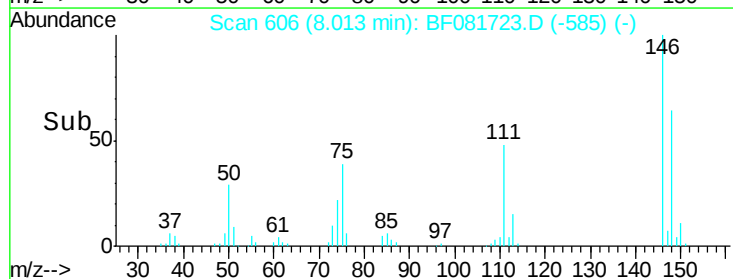
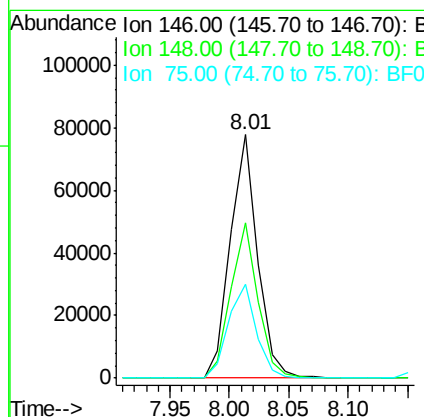
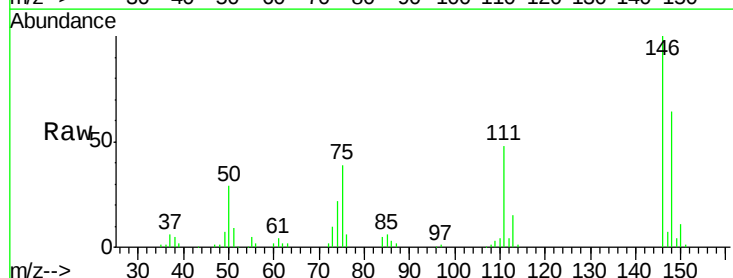
RT: 8.01 min Scan# 606

Delta R.T. -0.06 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Tgt Ion:	146	Resp:	124151
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.0	76.4
75	38.7	15.0	22.6#





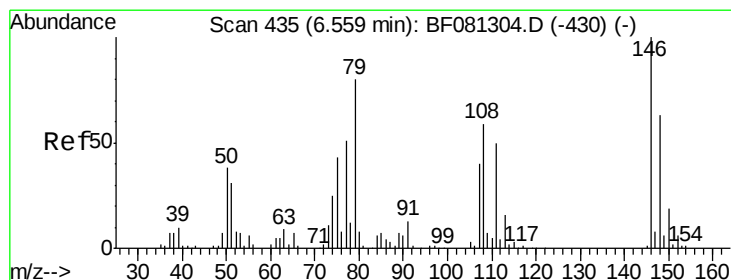
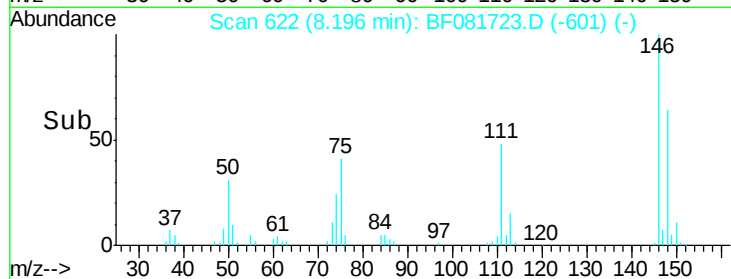
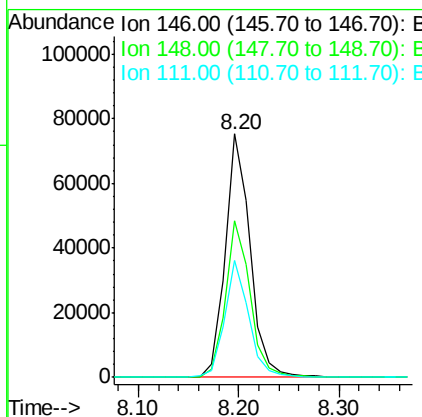
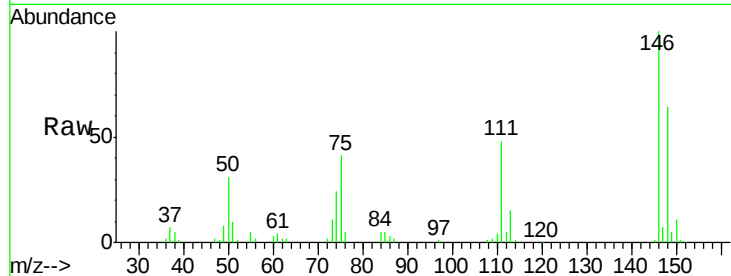
#13
 1,4-Dichlorobenzene
 Concen: 39.90 ng
 RT: 8.20 min Scan# 622
 Delta R.T. -0.06 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	47.9	24.9	37.3

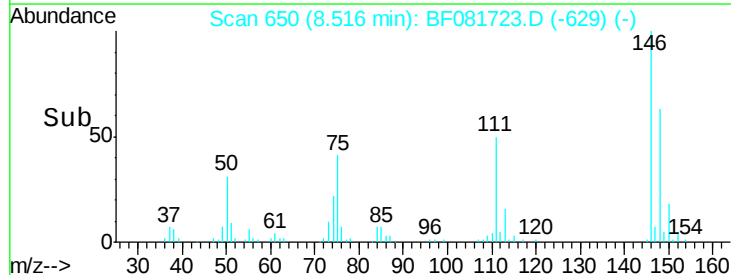
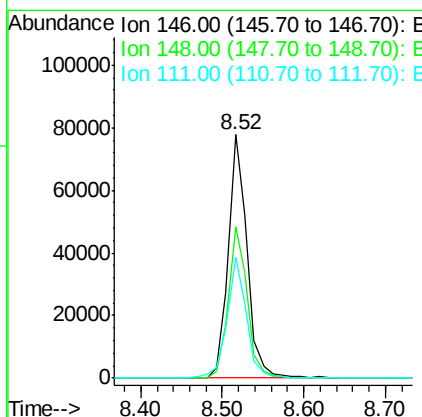
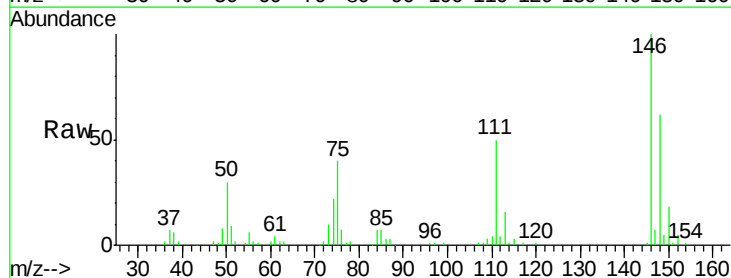
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 42.94 ng
 RT: 8.52 min Scan# 650
 Delta R.T. -0.06 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.7	79.1
111	49.7	28.8	43.2





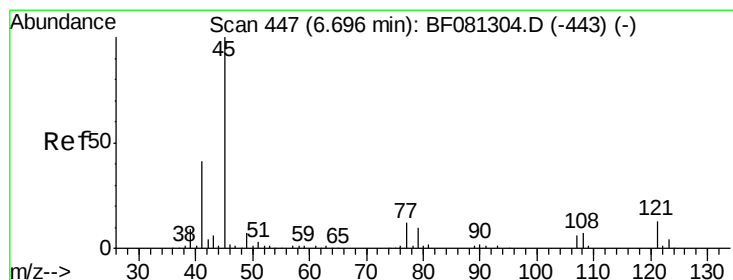
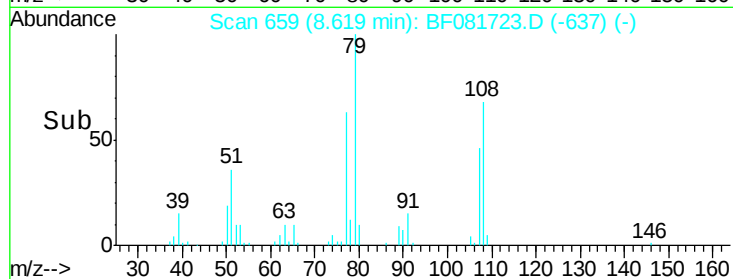
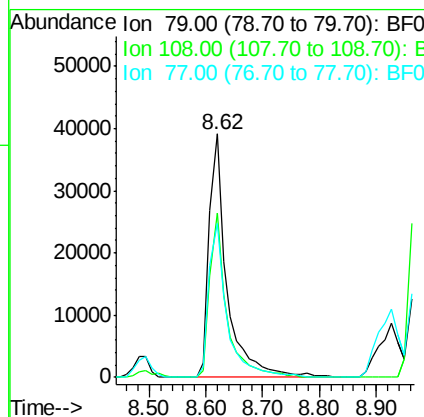
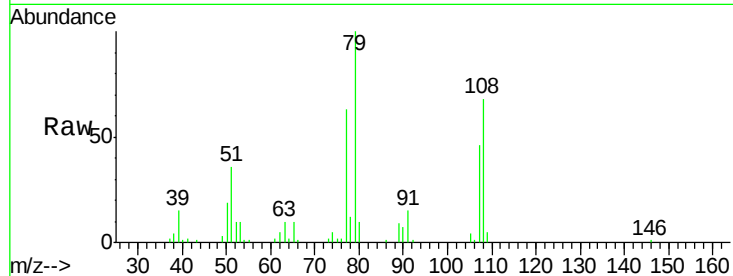
#15
Benzyl Alcohol
Concen: 28.51 ng
RT: 8.62 min Scan# 659
Delta R.T. -0.04 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.6	88.6	132.8#
77	63.5	47.0	70.4

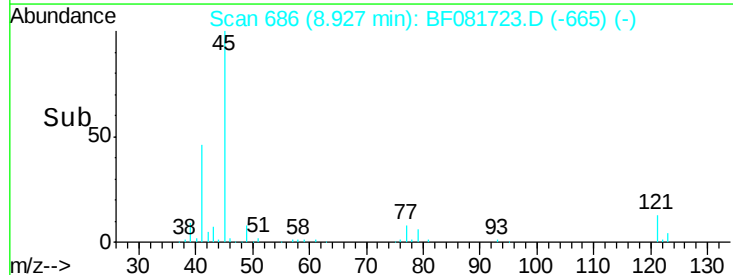
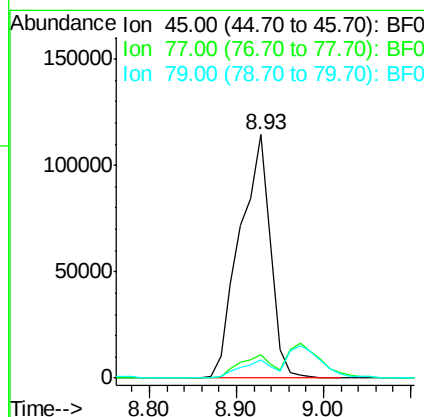
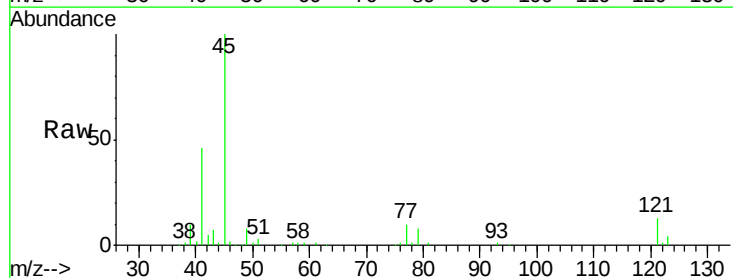
Manual Integrations
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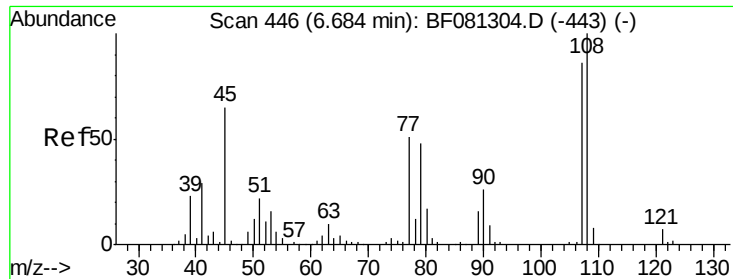
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#16
2,2'-oxybis(1-chloropropane)
Concen: 49.72 ng
RT: 8.93 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.5	0.0	28.1
79	7.7	0.0	26.0





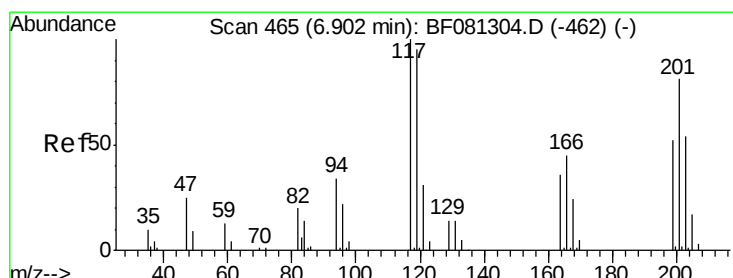
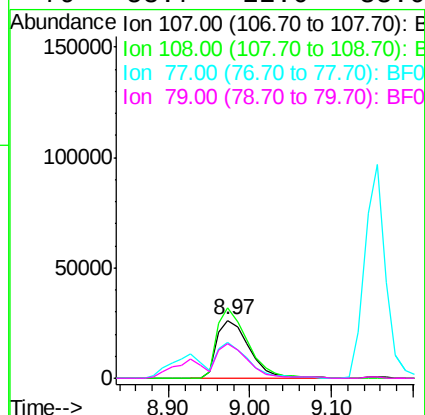
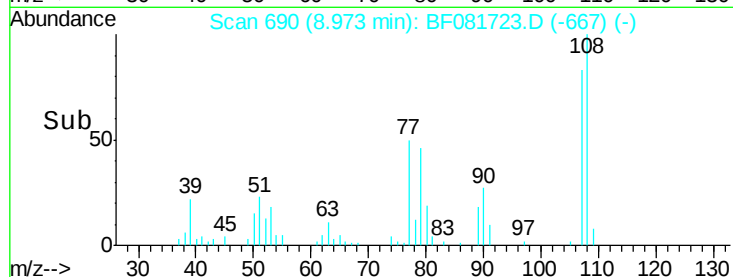
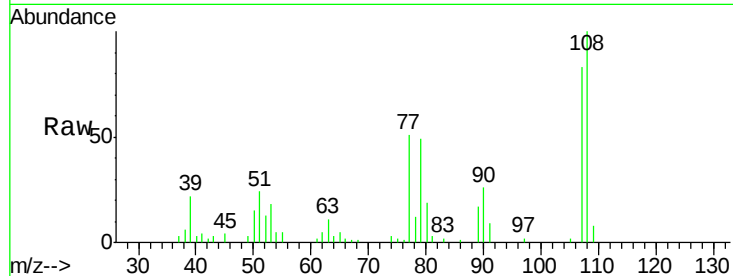
#17
2-Methylphenol
Concen: 30.85 ng
RT: 8.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion:	107	Resp:	72713
Ion Ratio	Lower	Upper	
107	100		
108	120.9	96.6	145.0
77	62.3	23.3	34.9#
79	58.7	22.0	33.0#

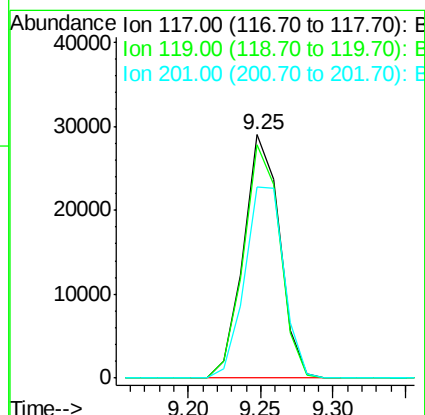
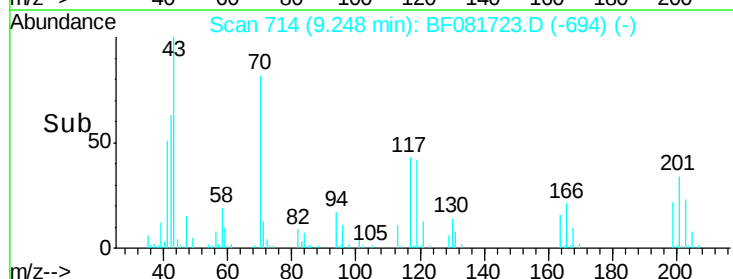
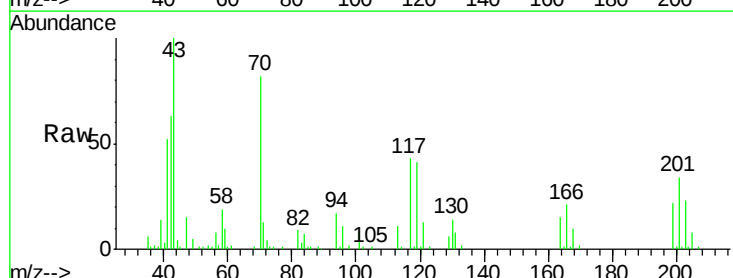
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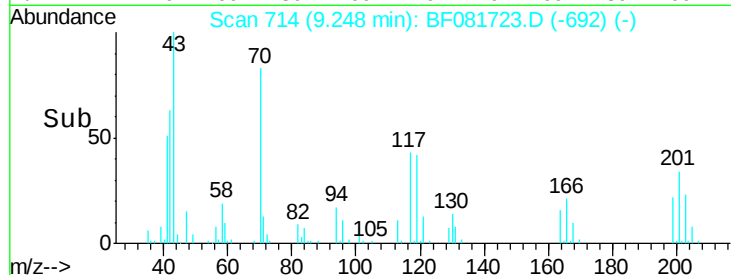
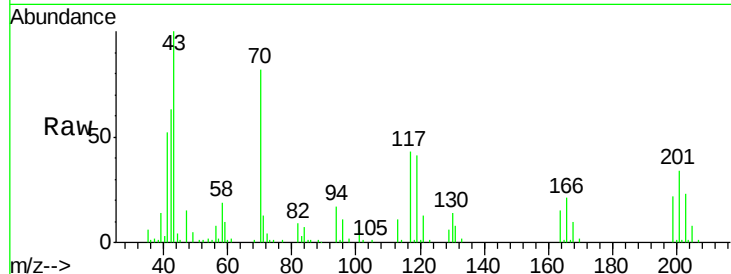
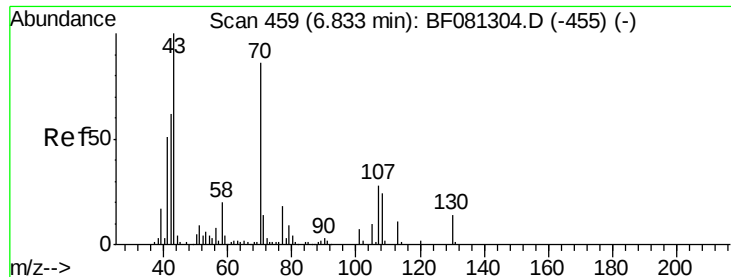
MMDadoda
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#18
Hexachloroethane
Concen: 40.11 ng
RT: 9.25 min Scan# 714
Delta R.T. -0.07 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion:	117	Resp:	50137
Ion Ratio	Lower	Upper	
117	100		
119	96.0	83.8	125.6
201	78.8	55.1	82.7





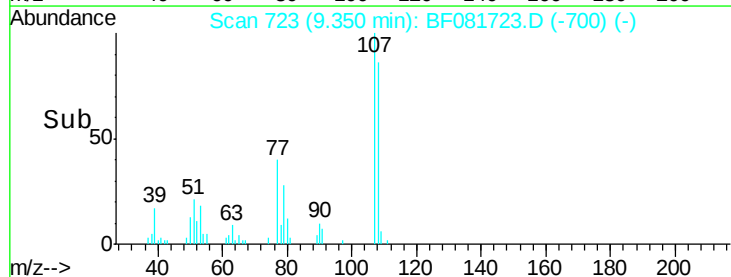
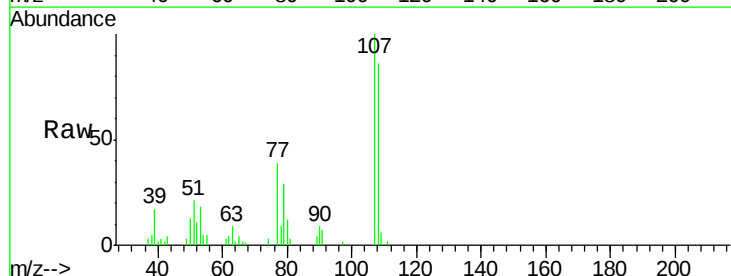
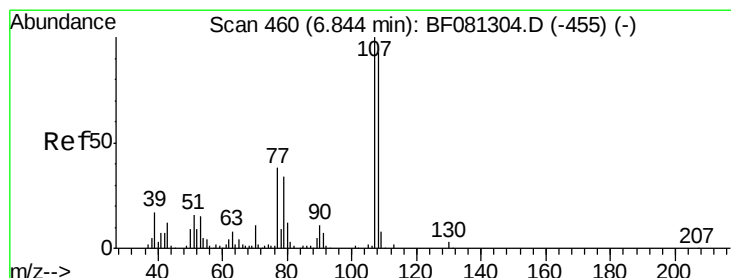
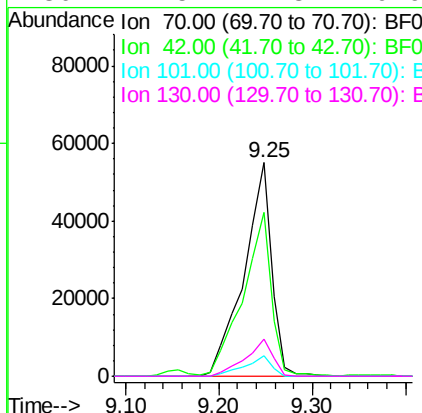
#19
n-Nitroso-di-n-propylamine
Concen: 47.07 ng
RT: 9.25 min Scan# 714
Delta R.T. -0.04 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Manual Integrations
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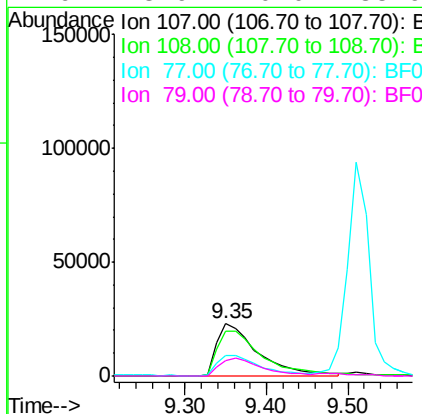
MMDadoda
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	76.7	63.8	95.6		
101	9.4	9.2	13.8		
130	17.5	27.3	40.9		



#20
3+4-Methylphenols
Concen: 25.49 ng
RT: 9.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.2	74.6	114.6		
77	39.3	0.7	40.7		
79	28.9	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: BF081723.D

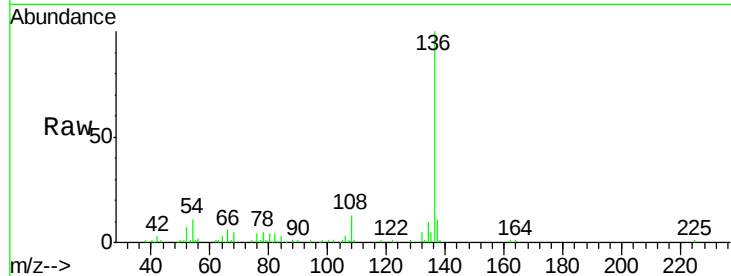
Acq: 21 Sep 2015 20:18

Instrument :

BNA_F

ClientSampleId :

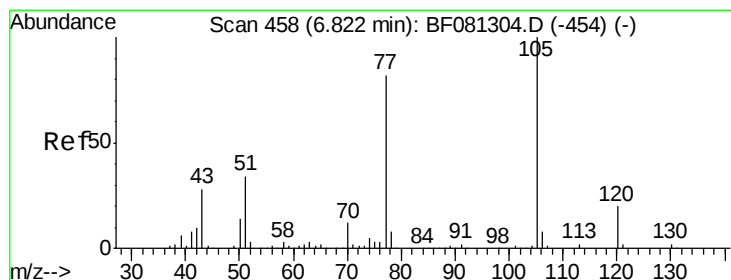
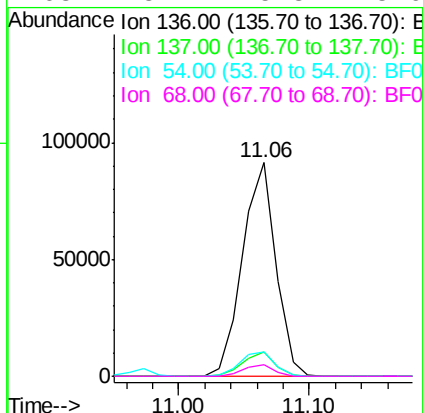
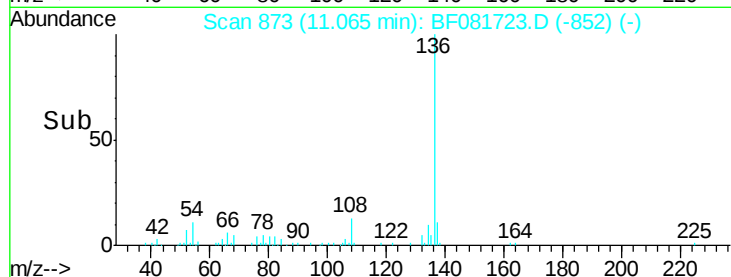
PZ-1-9-17-15MS



Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.6	
54	11.3	8.2	12.2	
68	5.2	5.8	8.6	

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#22

Acetophenone

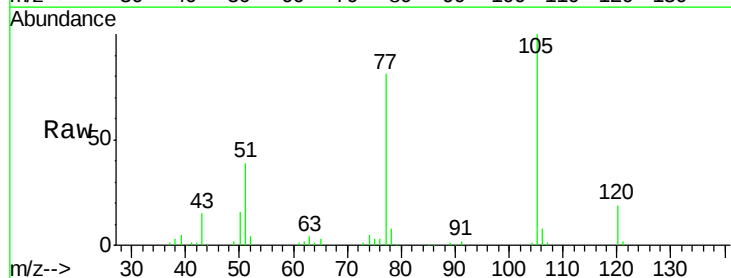
Concen: 47.41 ng

RT: 9.16 min Scan# 706

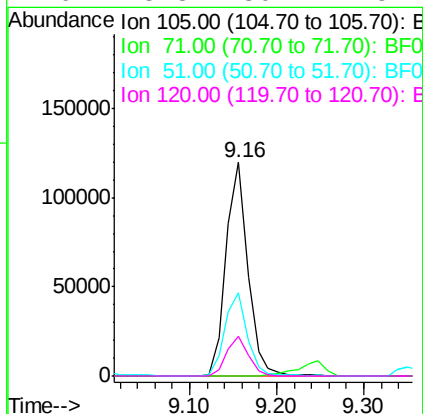
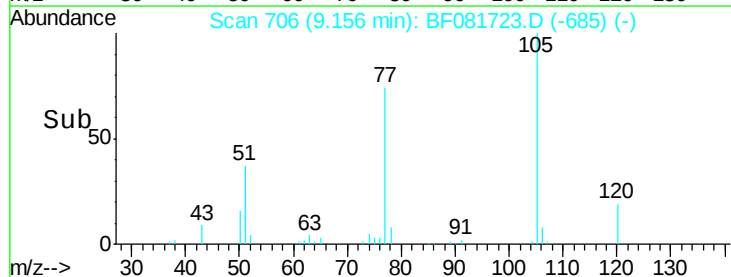
Delta R.T. -0.06 min

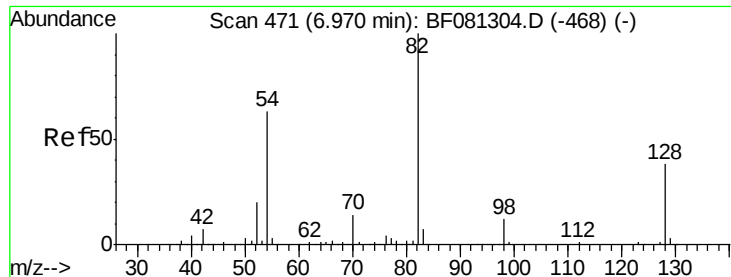
Lab File: BF081723.D

Acq: 21 Sep 2015 20:18



Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	4.7	7.1	
51	38.8	22.0	33.0	
120	18.8	30.1	45.1	





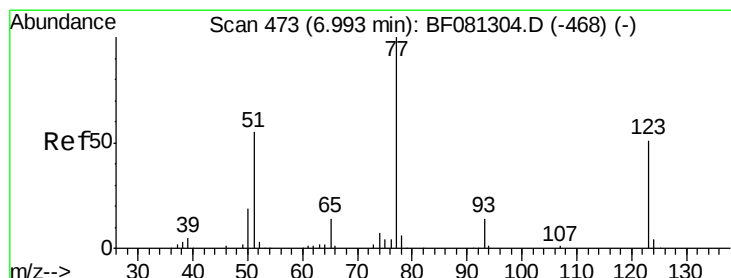
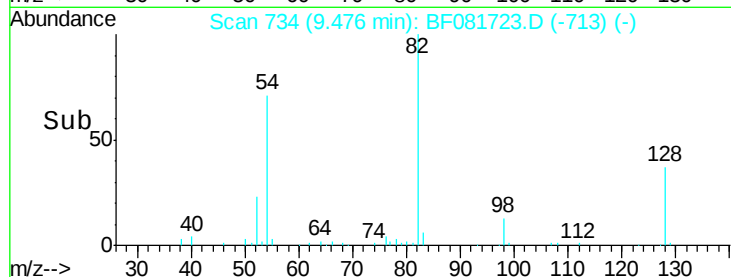
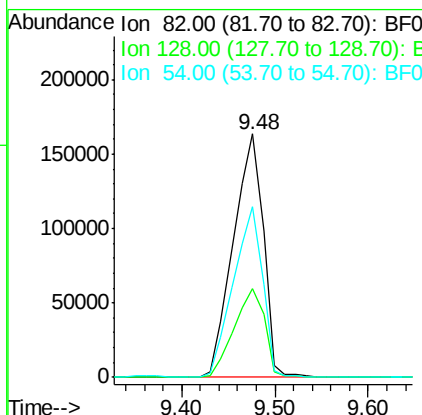
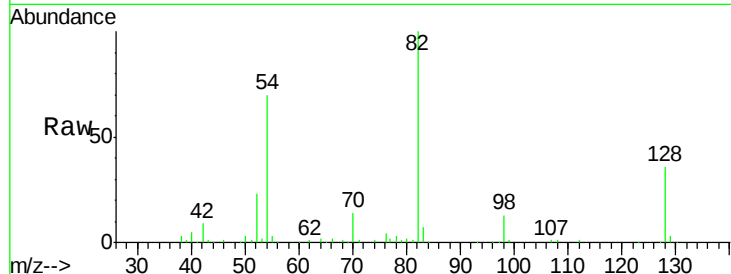
#23
Nitrobenzene-d5
Concen: 108.48 ng
RT: 9.48 min Scan# 734
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.3	51.0	76.6#	
54	70.2	47.5	71.3	

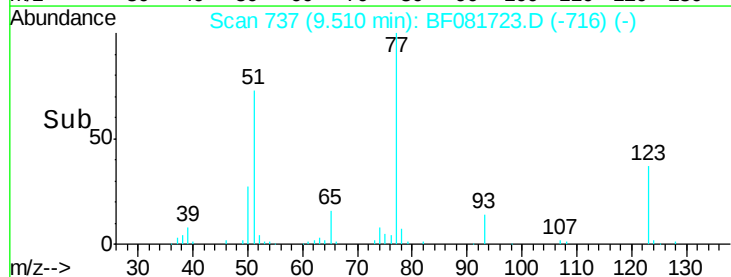
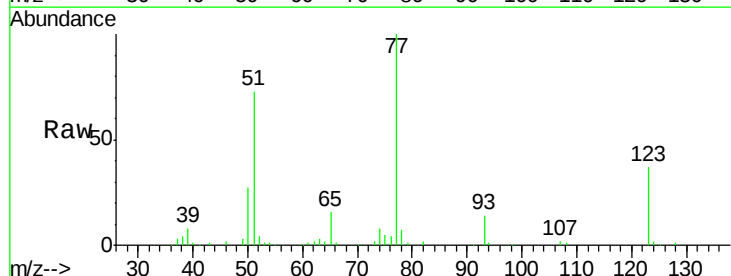
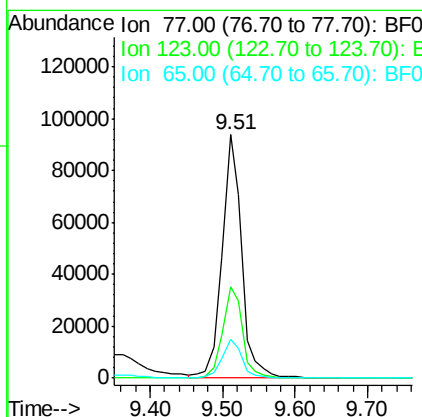
Manual Integrations
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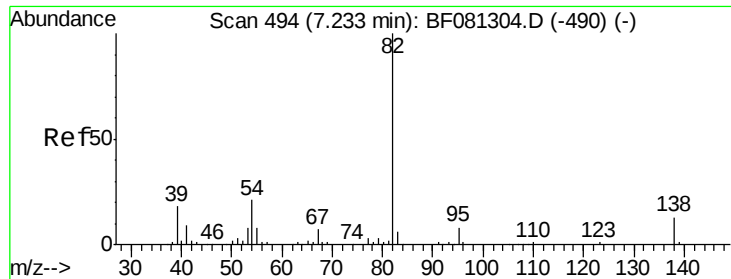
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#24
Nitrobenzene
Concen: 50.49 ng
RT: 9.51 min Scan# 737
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.4	59.8	89.8#	
65	15.9	10.2	15.4#	





#25

Isophorone

Concen: 47.21 ng

RT: 10.10 min Scan# 789

Delta R.T. -0.06 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15MS

Tot Ion: 82 Resp: 295085

Ion Ratio Lower Upper

82 100

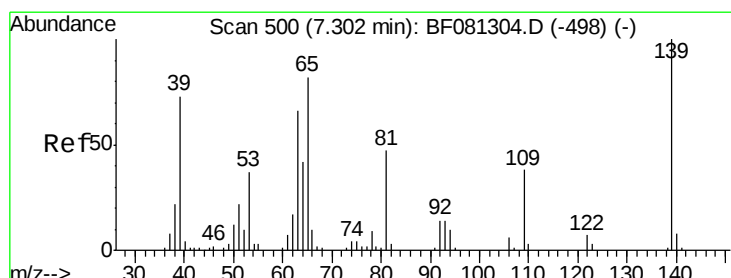
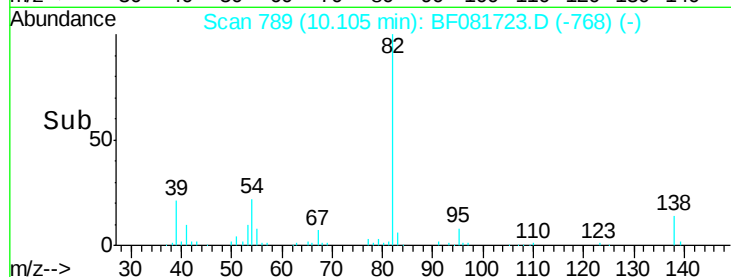
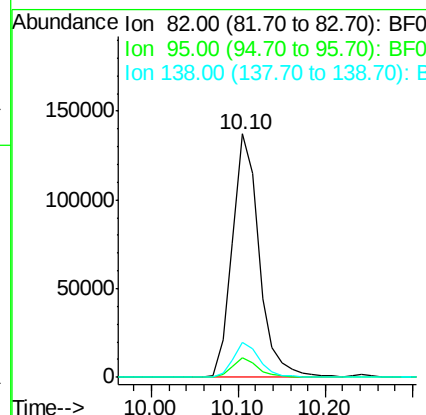
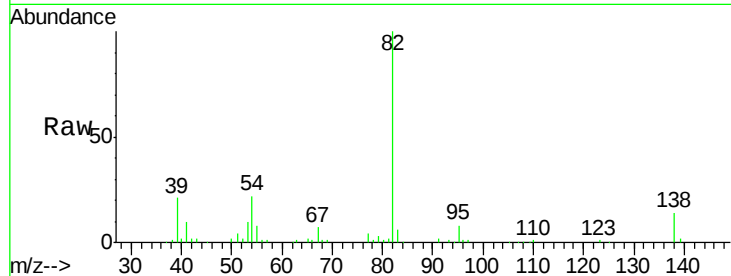
95 8.0 4.0 6.0#

138 14.4 18.3 27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.22 ng

RT: 10.24 min Scan# 801

Delta R.T. -0.06 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

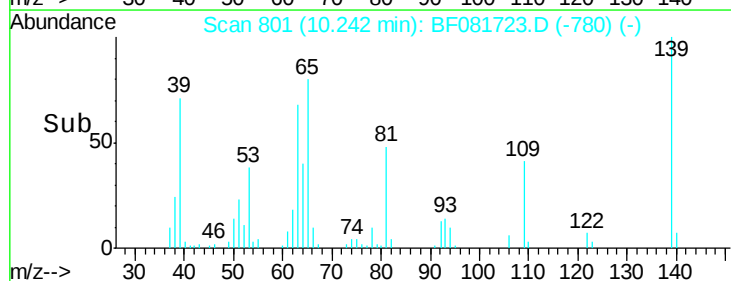
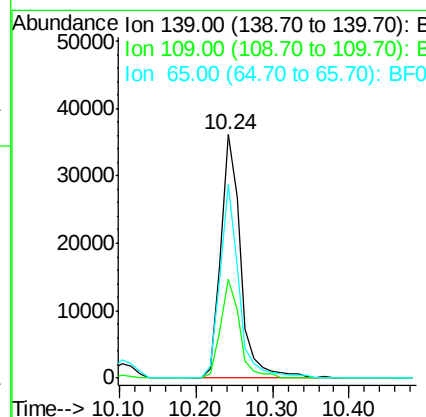
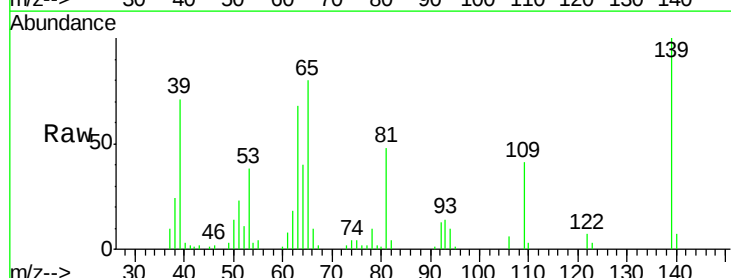
Tgt Ion: 139 Resp: 65731

Ion Ratio Lower Upper

139 100

109 40.9 11.0 16.4#

65 79.8 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 40.38 ng

RT: 10.53 min Scan# 826

Delta R.T. -0.04 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Instrument :

BNA_F

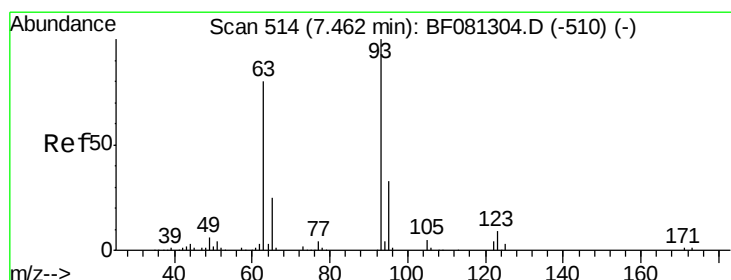
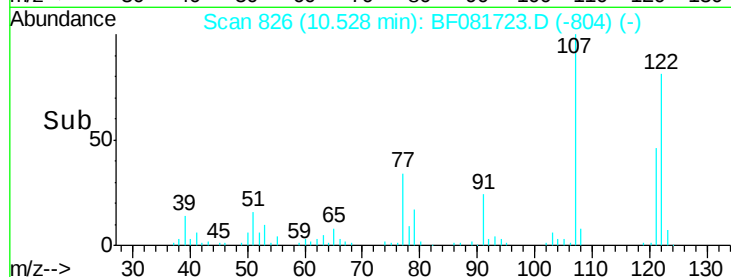
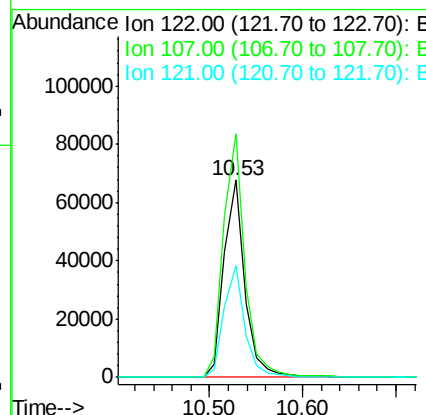
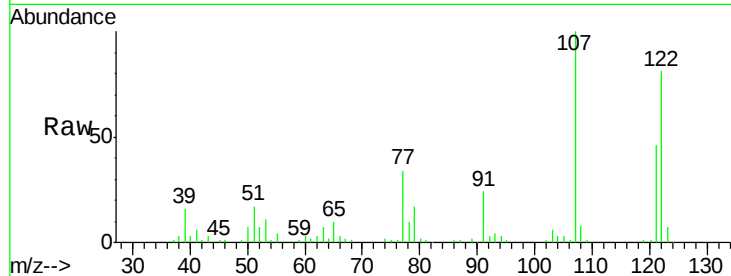
ClientSampleId :

PZ-1-9-17-15MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		106073		
107	123.3	71.8	107.6#		
121	56.9	42.3	63.5		

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#28

bis(2-Chloroethoxy)methane

Concen: 48.21 ng

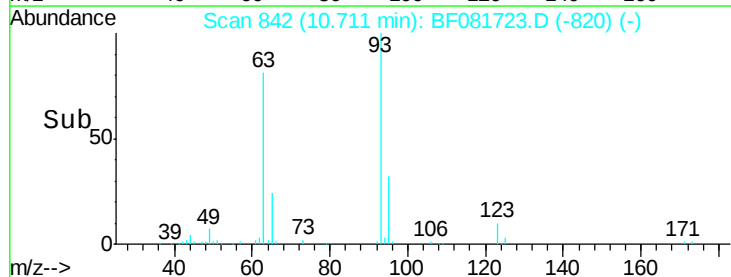
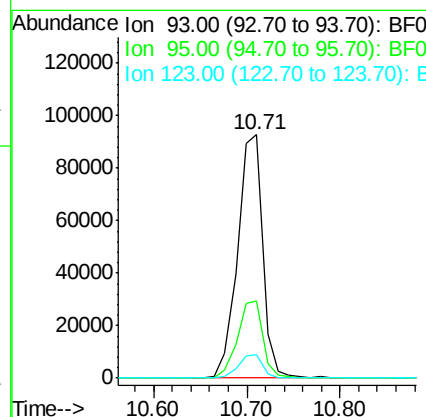
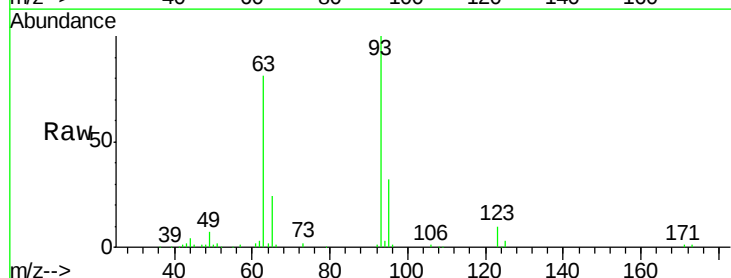
RT: 10.71 min Scan# 842

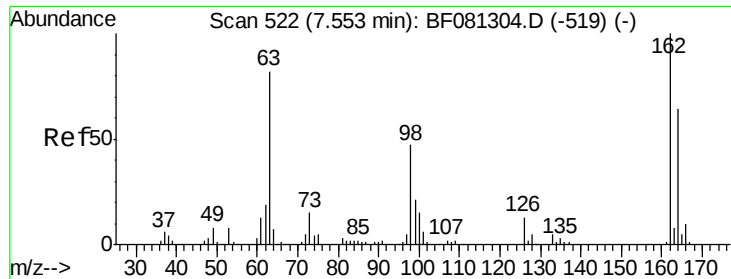
Delta R.T. -0.04 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		174033		
95	31.9	27.5	41.3		
123	9.8	13.7	20.5#		





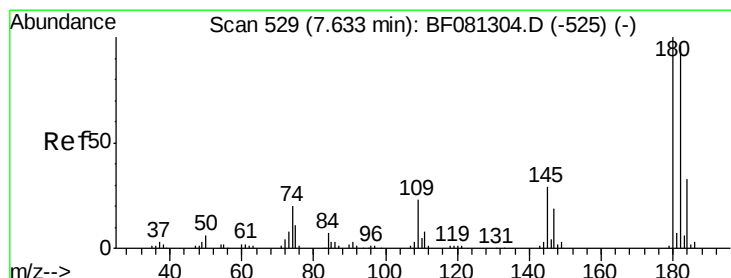
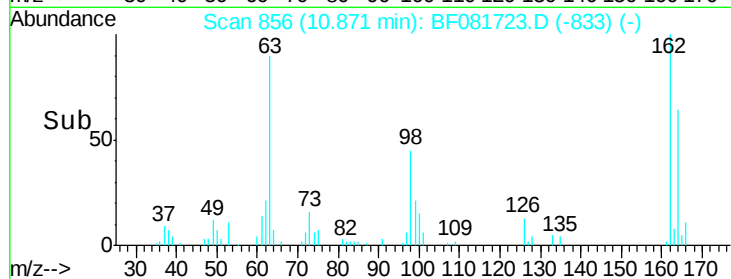
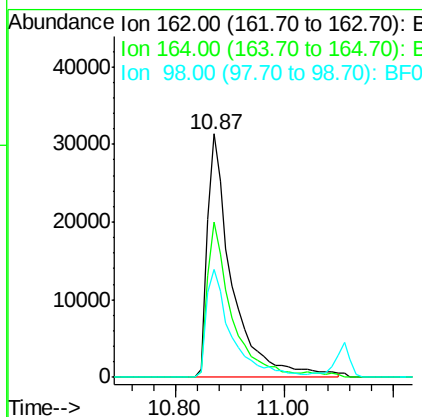
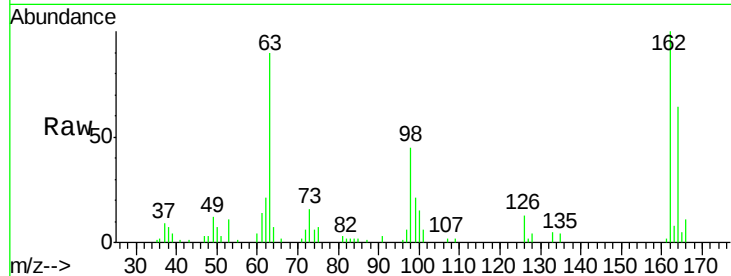
#29
 2,4-Dichlorophenol
 Concen: 43.40 ng
 RT: 10.87 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

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

Tot Ion:	162	Resp:	98853
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.9	84.9
98	44.6	13.0	53.0

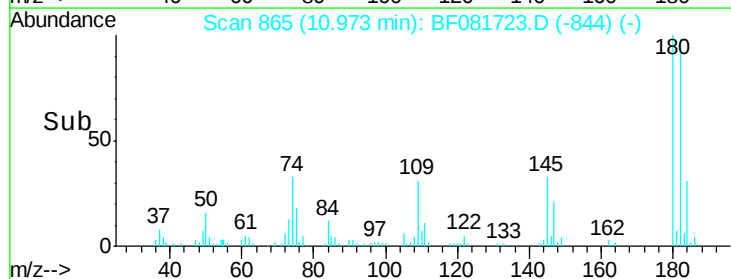
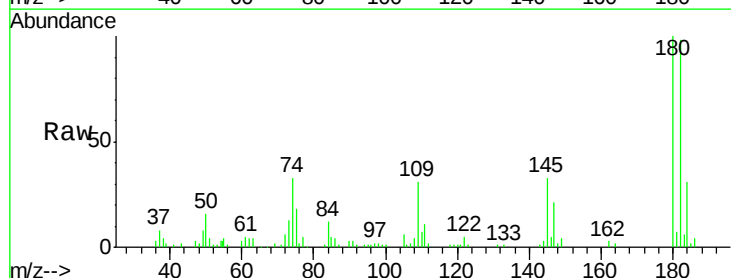
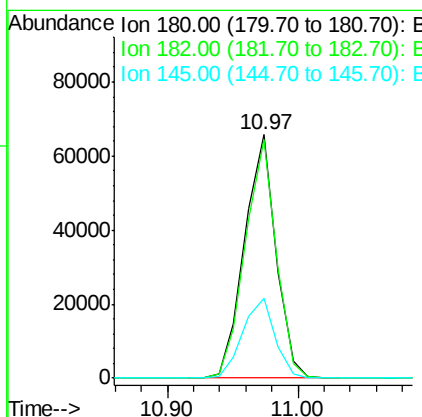
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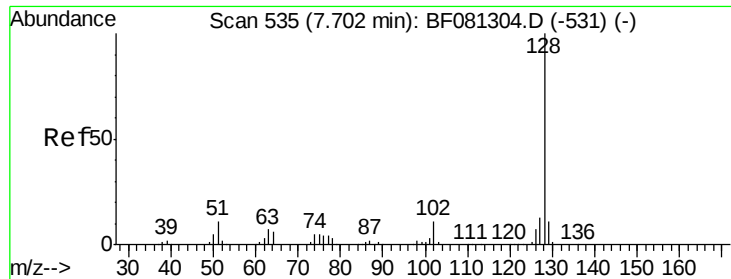
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.69 ng
 RT: 10.97 min Scan# 865
 Delta R.T. -0.06 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

Tgt Ion:	180	Resp:	110579
Ion Ratio	Lower	Upper	
180	100		
182	98.1	77.1	115.7
145	32.7	23.3	34.9





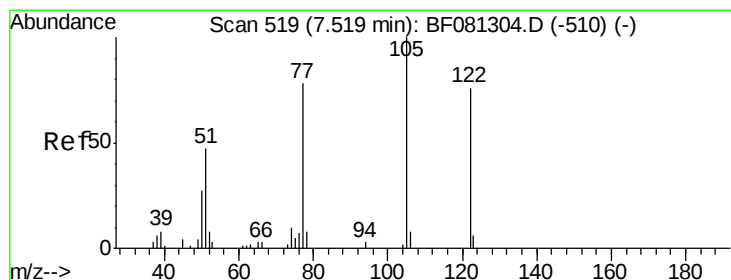
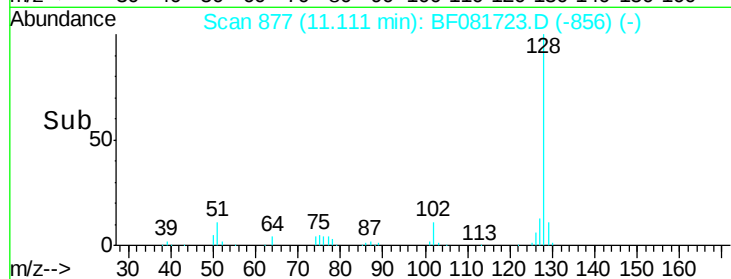
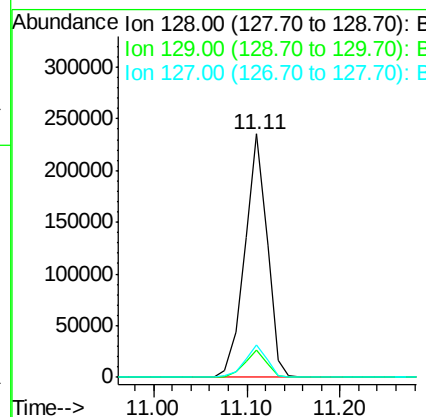
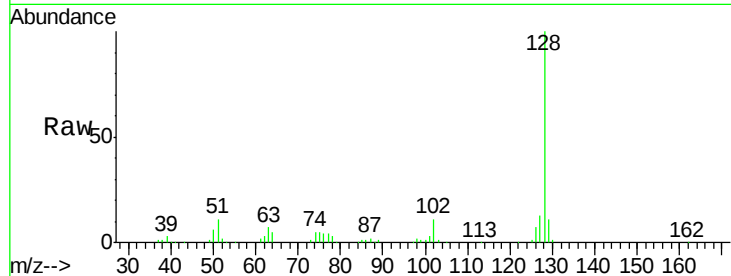
#31
Naphthalene
Concen: 45.14 ng
RT: 11.11 min Scan# 877
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.4	12.6	
127	13.1	9.9	14.9	

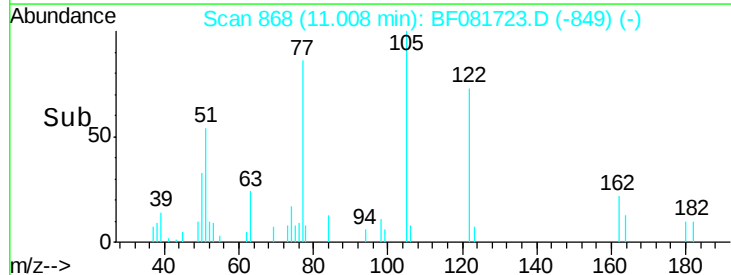
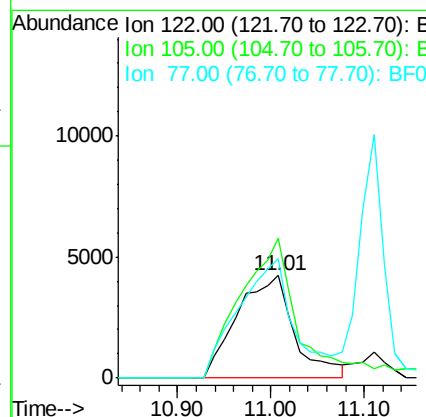
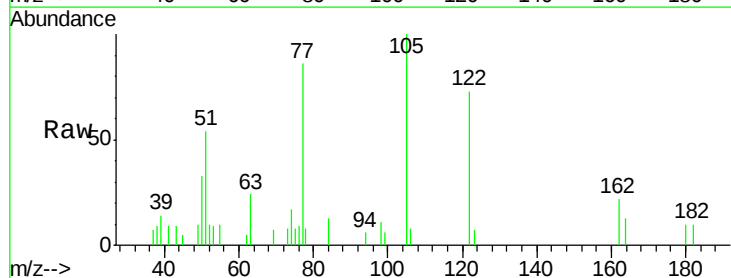
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#32
Benzoic acid
Concen: 11.68 ng
RT: 11.01 min Scan# 868
Delta R.T. -0.08 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	136.1	76.1	116.1#	
77	116.9	40.5	80.5#	





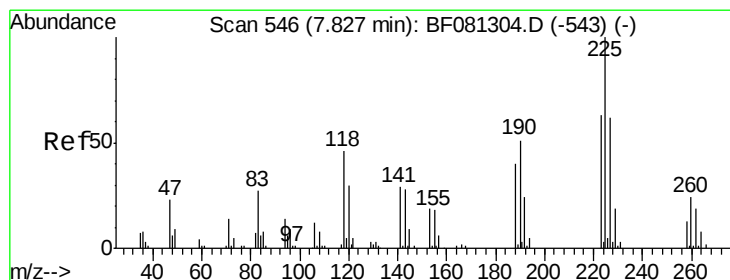
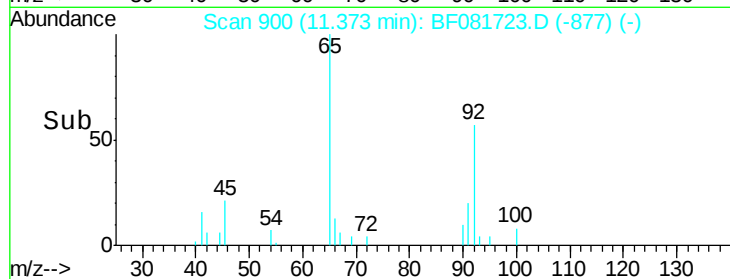
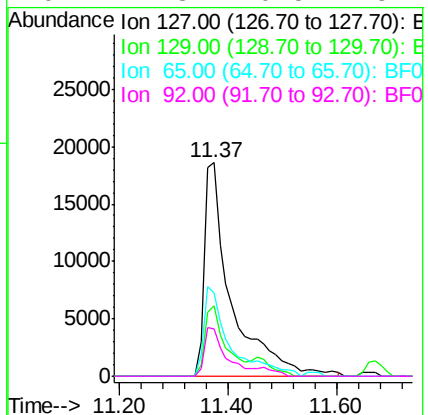
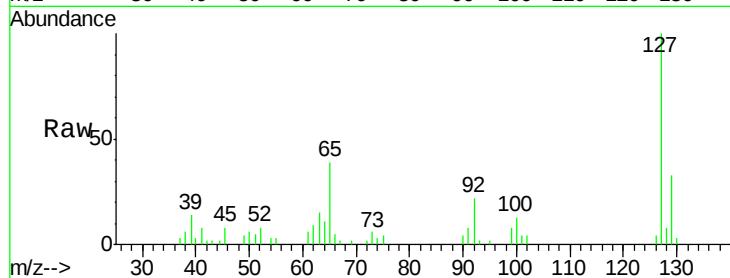
#33
4-Chloroaniline
Concen: 18.05 ng
RT: 11.37 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	25.8	38.6		
65	38.9	17.9	26.9		
92	22.3	10.5	15.7		

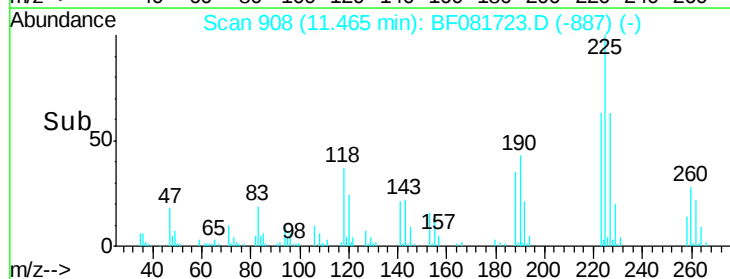
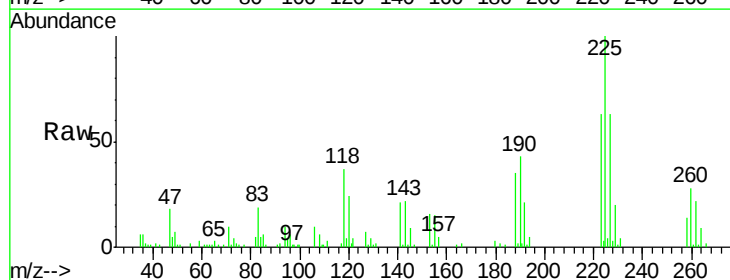
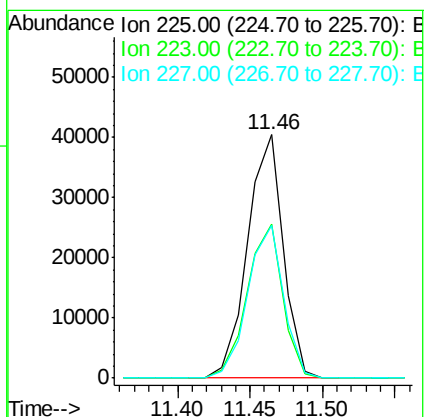
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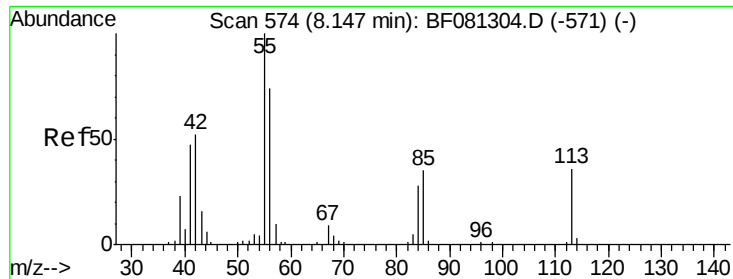
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#34
Hexachlorobutadiene
Concen: 45.64 ng
RT: 11.46 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.2	75.2		
227	62.9	52.2	78.2		





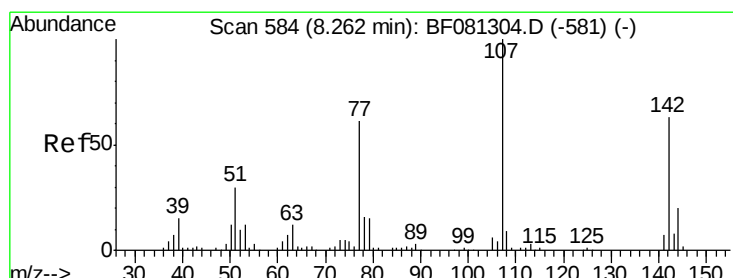
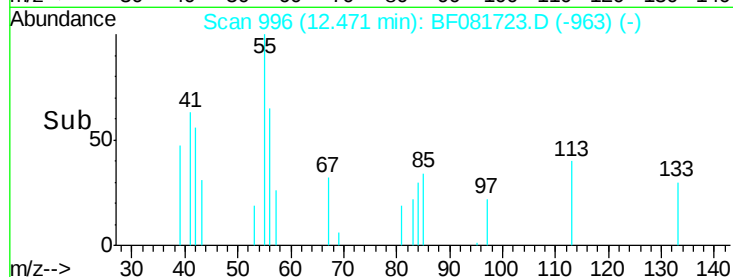
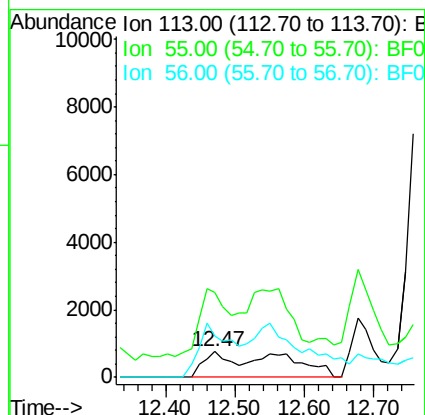
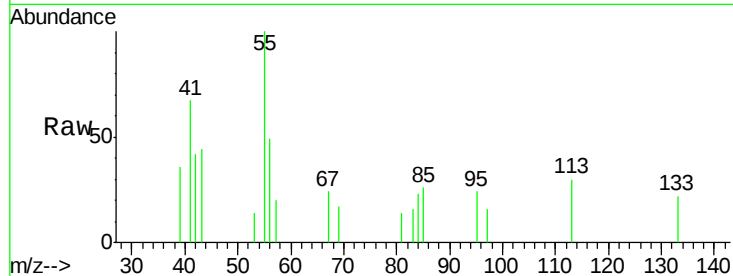
#35
Caprolactam
Concen: 8.34 ng/ml
RT: 12.47 min Scan# 996
Delta R.T. 0.08 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	331.1	152.4	192.4#
56	162.9	104.6	144.6#

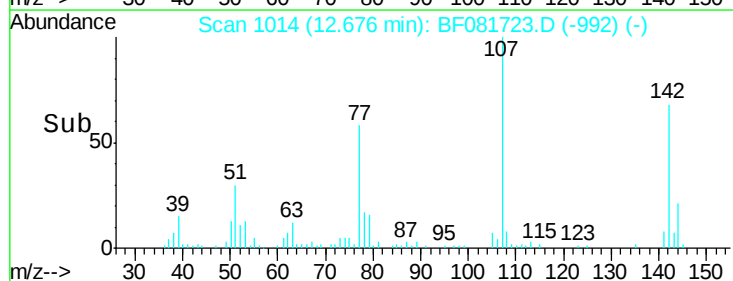
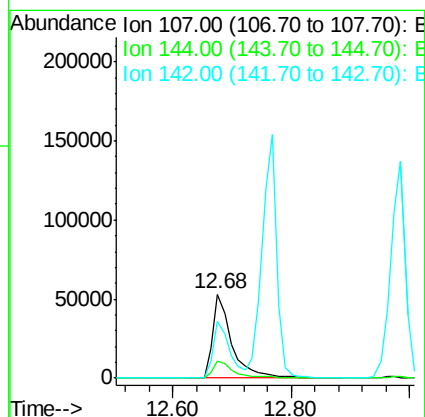
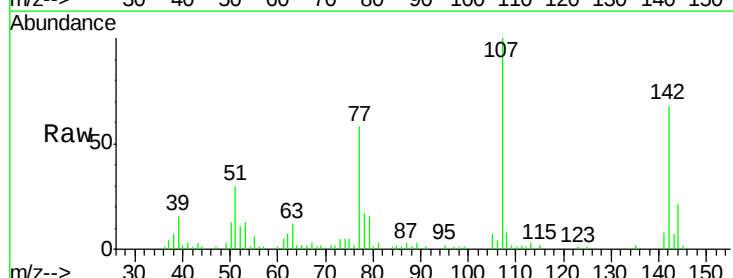
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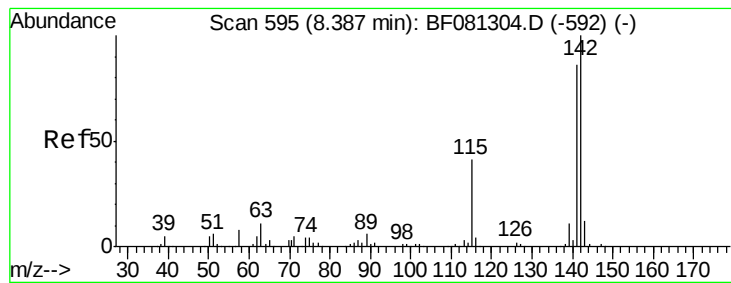
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#36
4-Chloro-3-methylphenol
Concen: 45.87 ng
RT: 12.68 min Scan# 1014
Delta R.T. -0.04 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.9	25.4	38.0#
142	68.3	77.3	115.9#





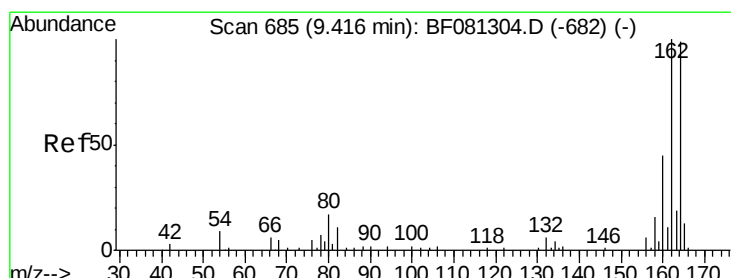
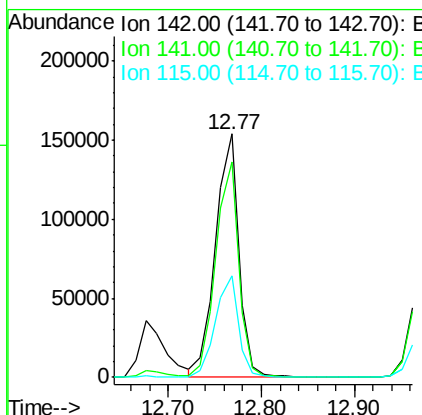
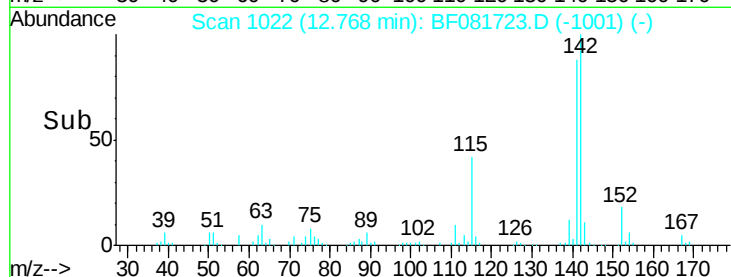
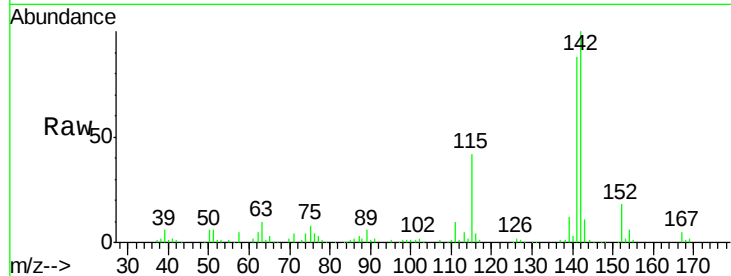
#37
2-Methylnaphthalene
Concen: 47.88 ng
RT: 12.77 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	67.5	101.3
115	41.7	18.2	27.2

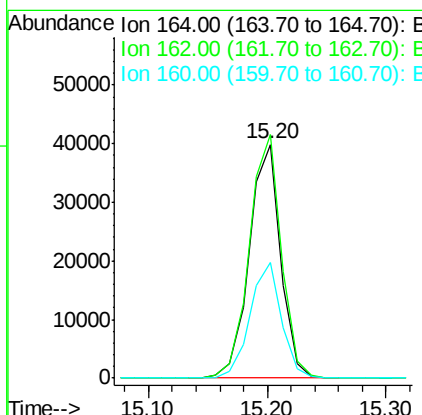
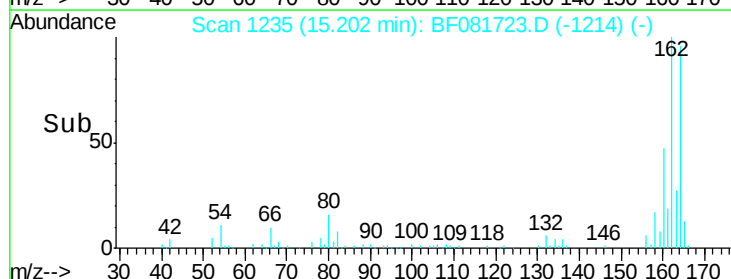
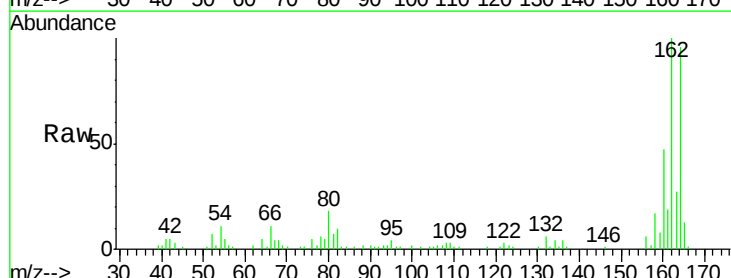
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.20 min Scan# 1235
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	75.2	112.8
160	49.2	31.5	47.3





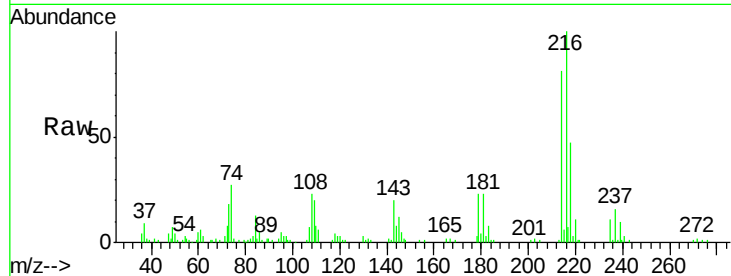
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.10 ng
 RT: 13.17 min Scan# 1057
 Delta R.T. -0.06 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

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

Manual Integrations
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.9		63.5	95.3	
179	23.1		16.6	24.8	
108	23.5		16.3	24.5	



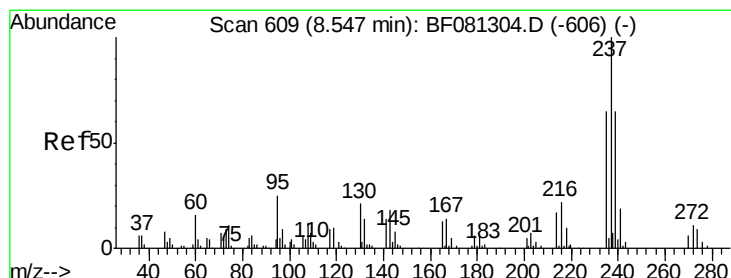
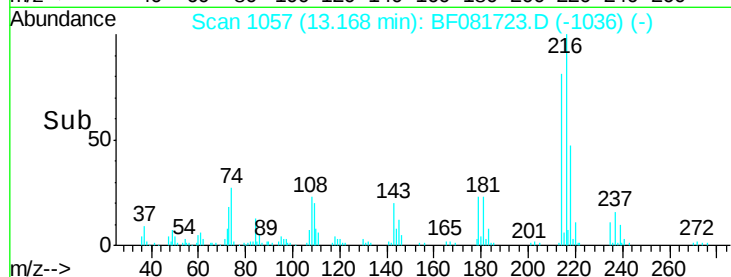
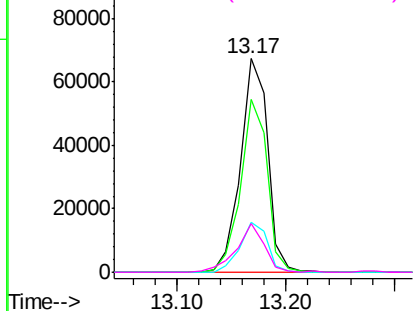
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

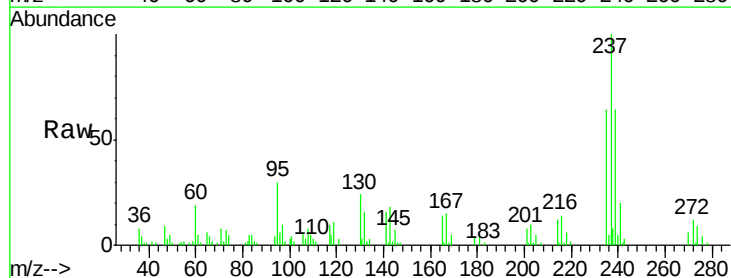
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 77.38 ng
 RT: 13.15 min Scan# 1055
 Delta R.T. -0.07 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.0		42.0	82.0	
272	11.5		0.0	36.1	

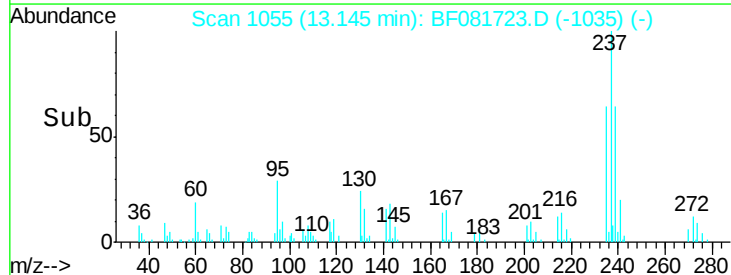
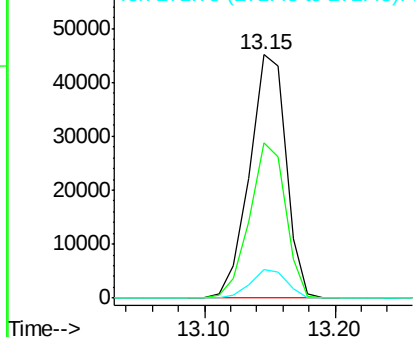


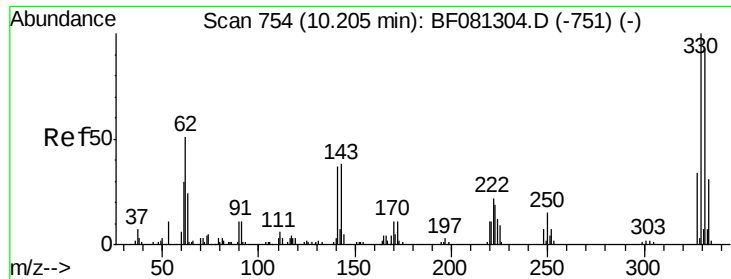
Abundance

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





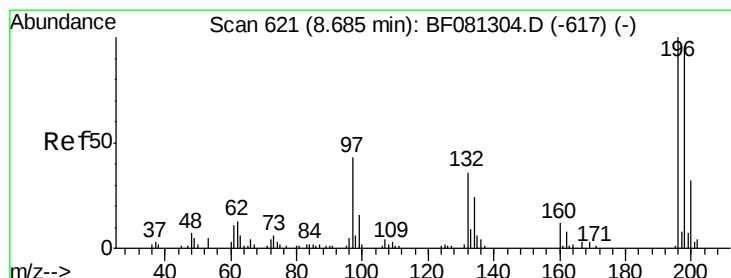
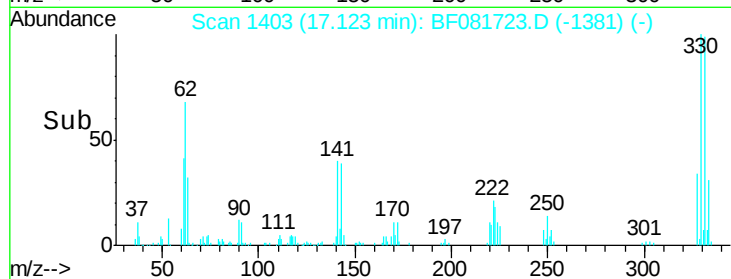
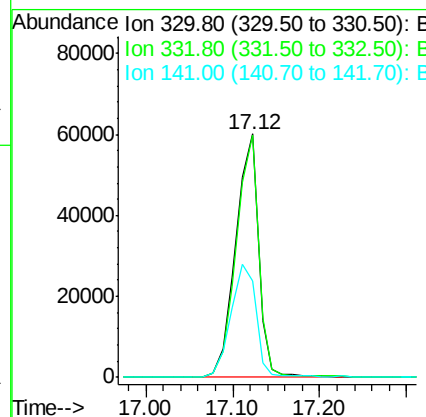
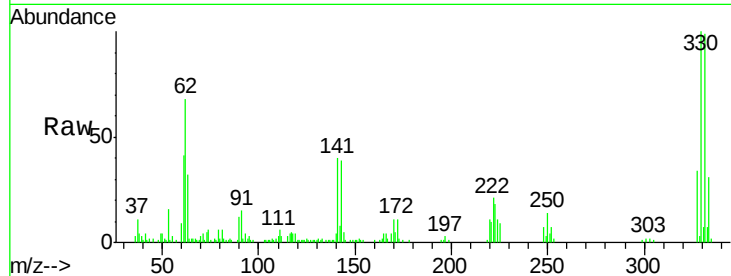
#41
 2,4,6-Tribromophenol
 Concen: 168.79 ng
 RT: 17.12 min Scan# 1403
 Delta R.T. -0.04 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	110540		
332	97.8	76.6	114.8	
141	51.1	29.7	44.5	

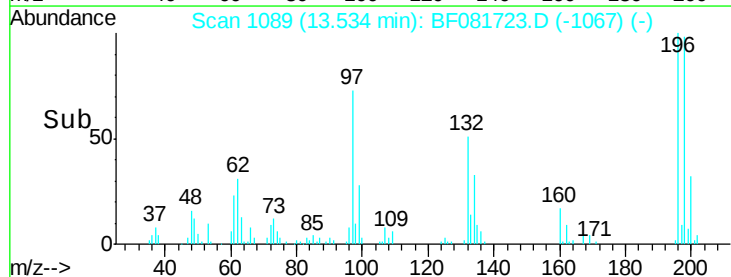
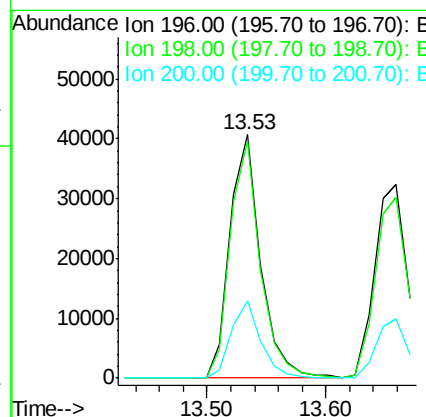
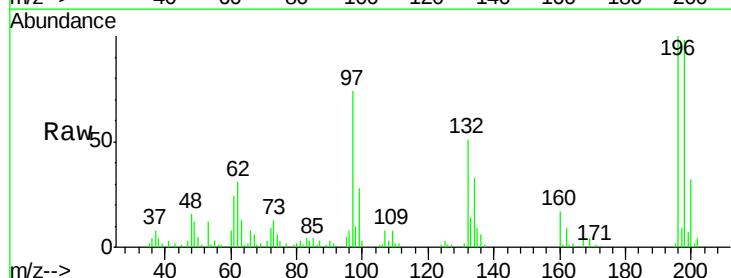
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#42
 2,4,6-Trichlorophenol
 Concen: 45.54 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.04 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73105		
198	97.5	75.7	113.5	
200	31.7	23.9	35.9	





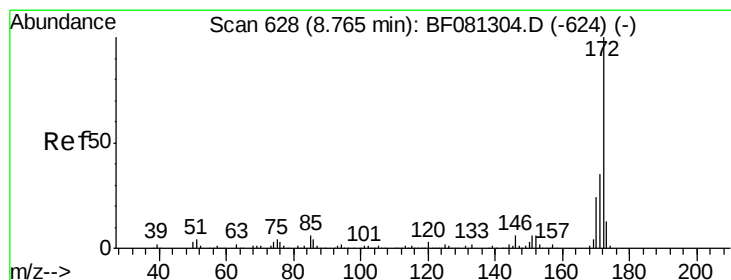
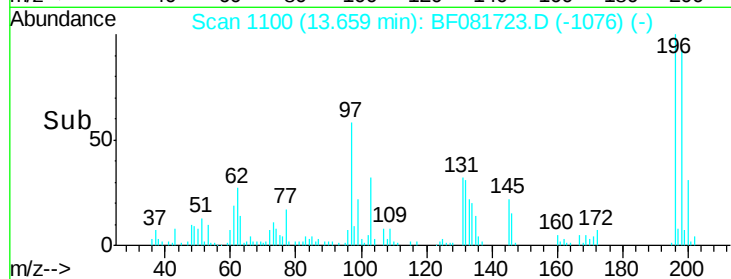
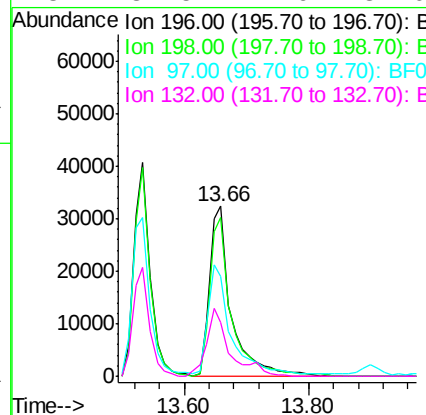
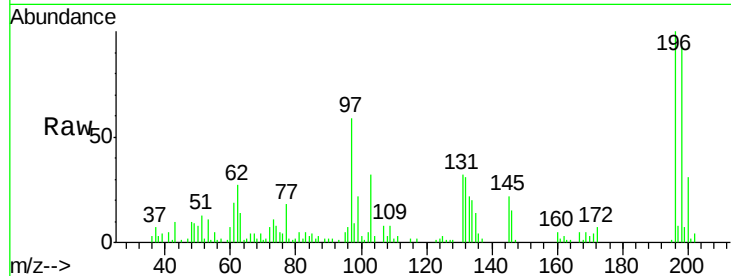
#43
 2,4,5-Trichlorophenol
 Concen: 48.07 ng
 RT: 13.66 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

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

Manual Integrations
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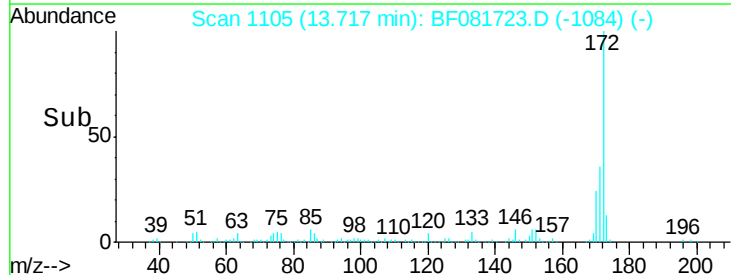
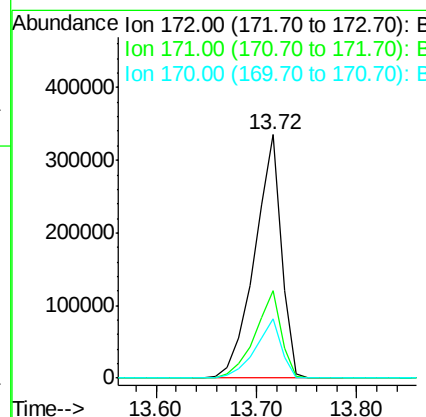
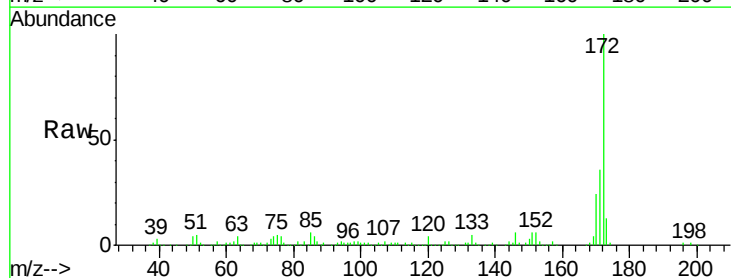
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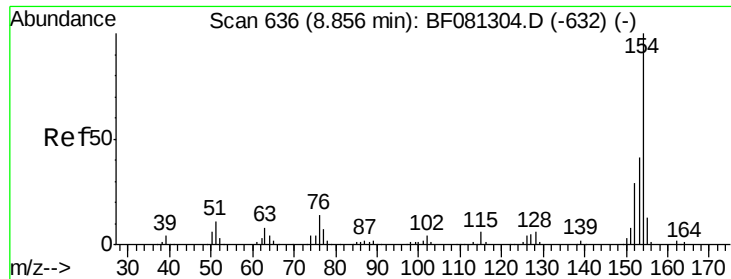
Tot Ion	Ratio	Resp	Lower	Upper
196	100	78725		
198	93.4	75.4	113.0	
97	59.1	33.3	49.9	
132	31.5	24.6	37.0	



#44
 2-Fluorobiphenyl
 Concen: 107.55 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	617277		
171	35.7	26.1	39.1	
170	24.4	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 48.00 ng

RT: 13.91 min Scan# 1122

Delta R.T. -0.06 min

Lab File: BF081723.D

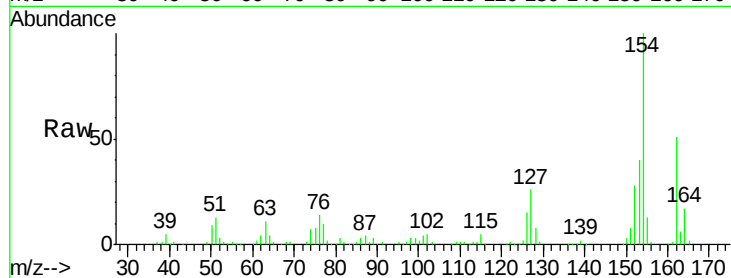
Acq: 21 Sep 2015 20:18

Instrument :

BNA_F

ClientSampleId :

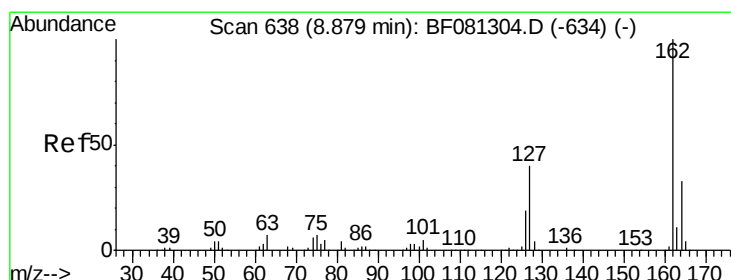
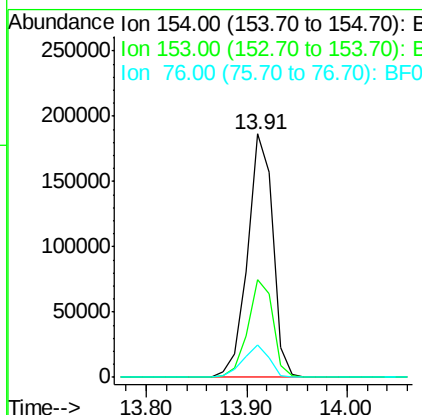
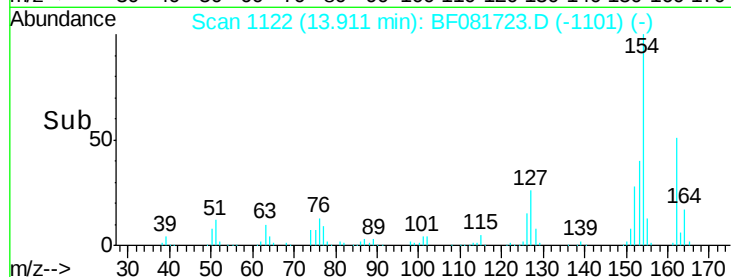
PZ-1-9-17-15MS



Tot Ion:	154	Resp:	324769
Ion Ratio	Lower	Upper	
154	100		
153	40.3	17.1	57.1
76	13.6	0.0	31.6

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#46

2-Chloronaphthalene

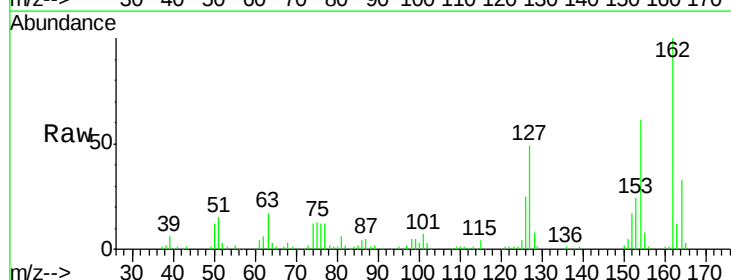
Concen: 48.88 ng

RT: 13.90 min Scan# 1121

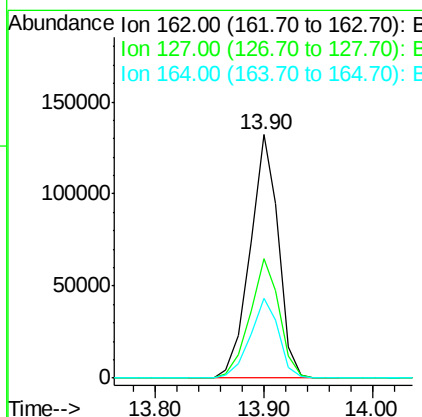
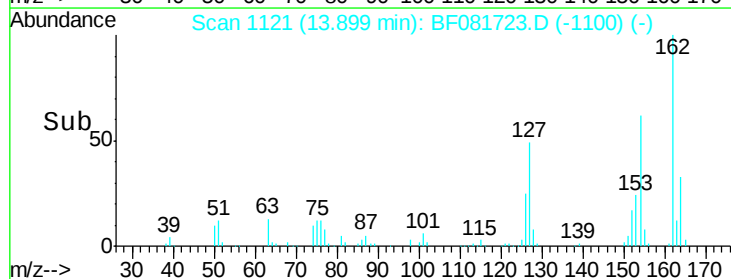
Delta R.T. -0.06 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18



Tgt Ion:	162	Resp:	238860
Ion Ratio	Lower	Upper	
162	100		
127	49.3	27.6	41.4#
164	33.0	25.4	38.2





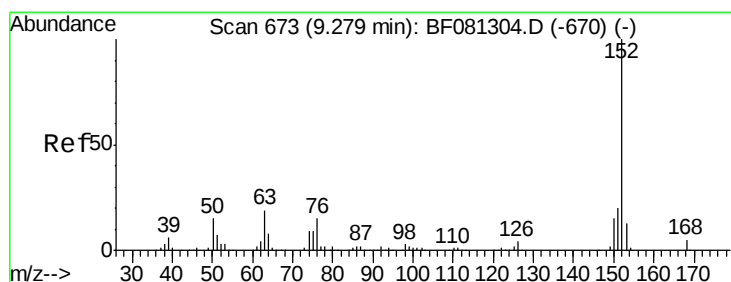
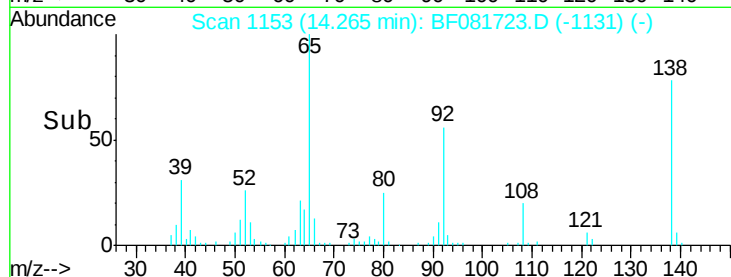
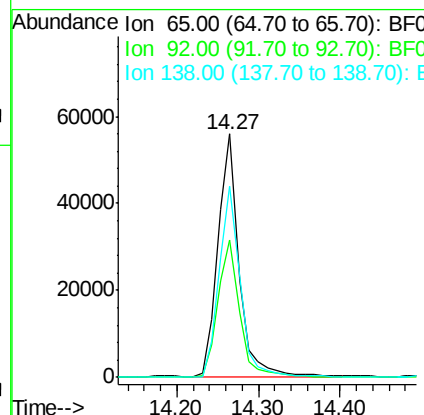
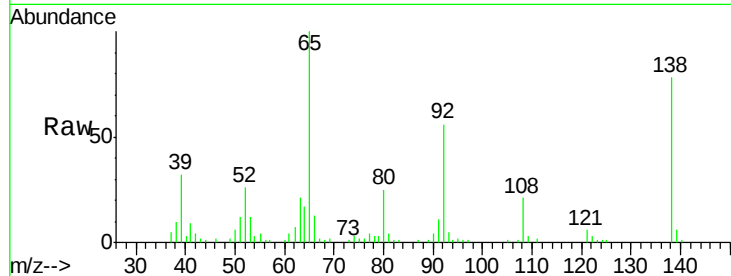
#47
2-Nitroaniline
Concen: 51.36 ng
RT: 14.27 min Scan# 1153
Delta R.T. -0.04 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	56.4	55.4	83.0
138	78.3	115.5	173.3

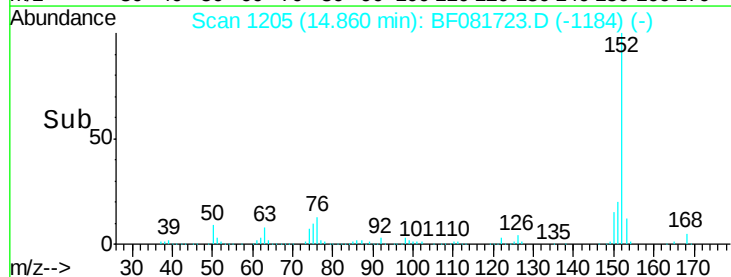
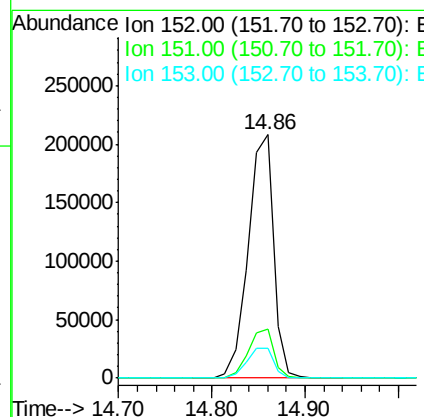
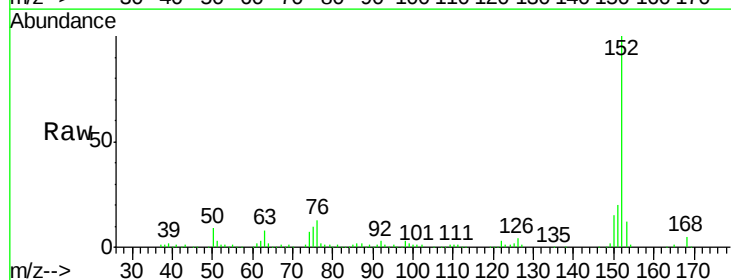
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#48
Acenaphthylene
Concen: 45.21 ng
RT: 14.86 min Scan# 1205
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	14.6	22.0
153	12.4	10.3	15.5





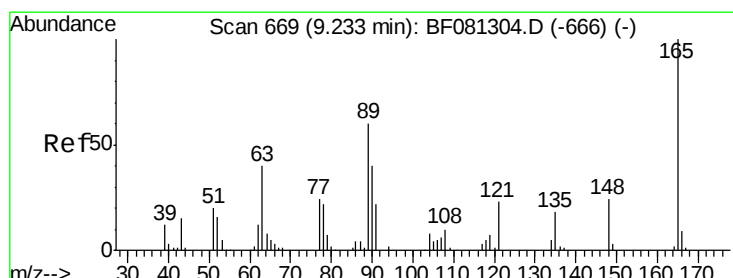
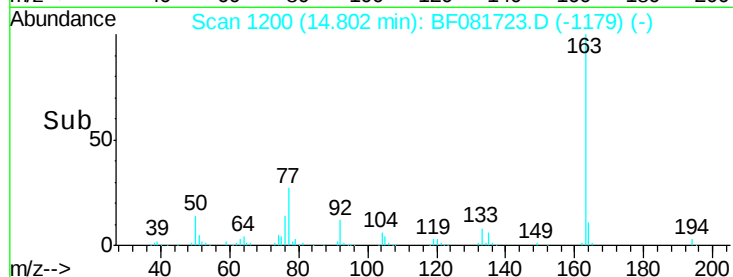
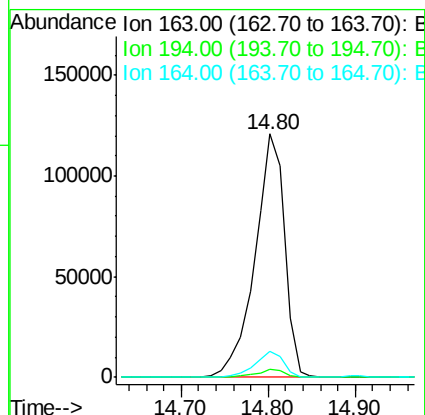
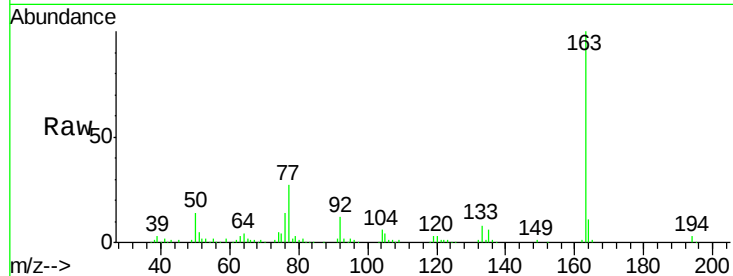
#49
Dimethylphthalate
Concen: 50.15 ng
RT: 14.80 min Scan# 1200
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	10.9	8.3	12.5

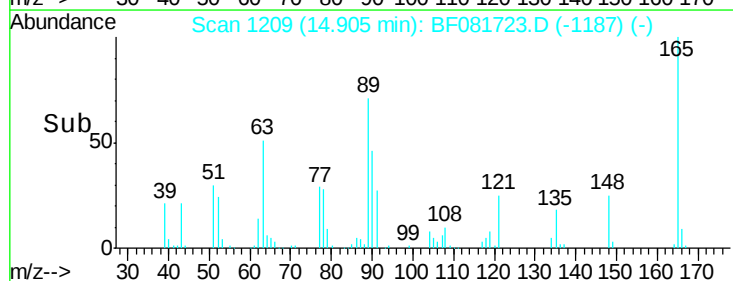
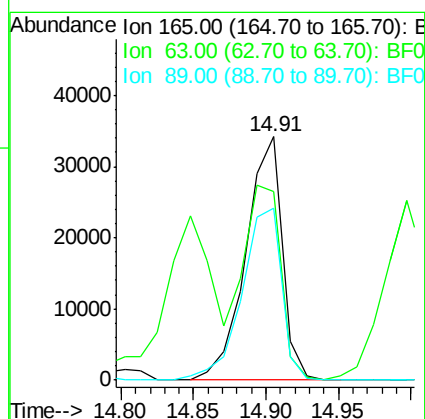
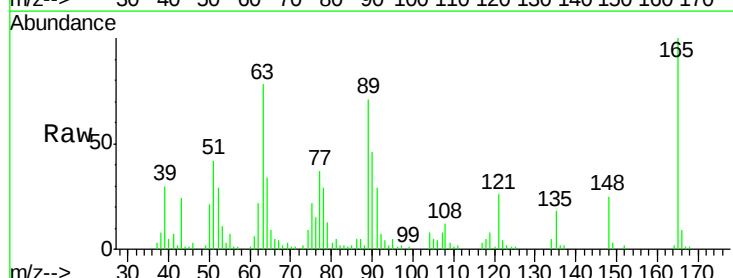
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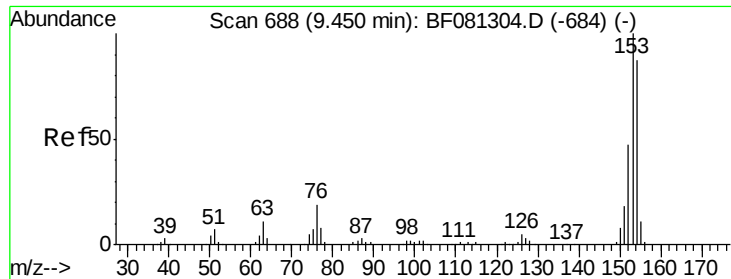
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#50
2,6-Dinitrotoluene
Concen: 45.94 ng
RT: 14.91 min Scan# 1209
Delta R.T. -0.04 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	77.6	32.3	48.5#
89	70.6	28.6	43.0#





#51

Acenaphthene

Concen: 46.49 ng

RT: 15.28 min Scan# 1242

Delta R.T. -0.06 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Instrument :

BNA_F

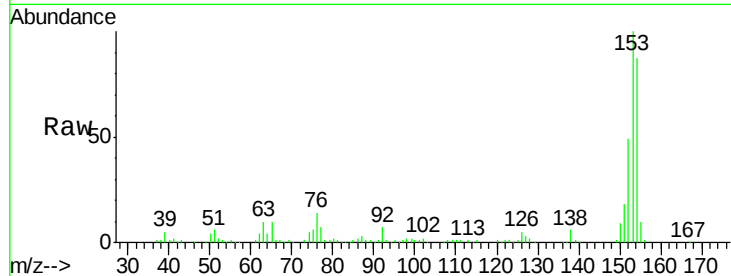
ClientSampleId :

PZ-1-9-17-15MS

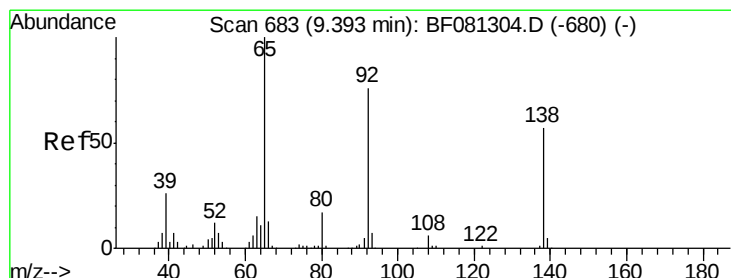
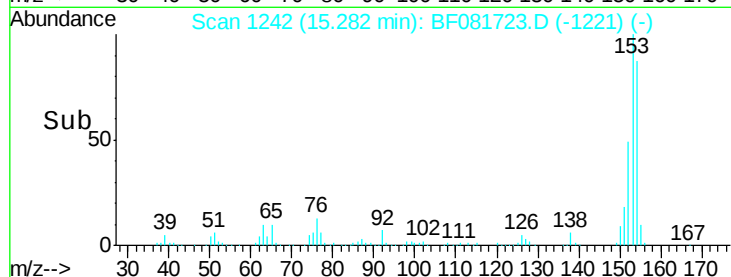
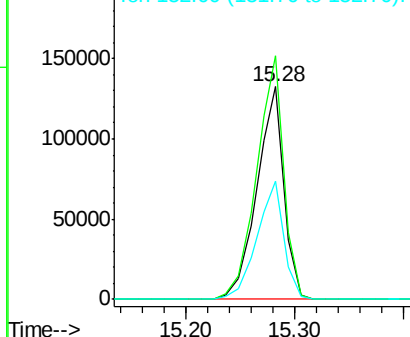
Tot Ion:	154	Resp:	229265
Ion Ratio	Lower	Upper	
154	100		
153	114.6	82.1	123.1
152	55.8	37.9	56.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.43 ng

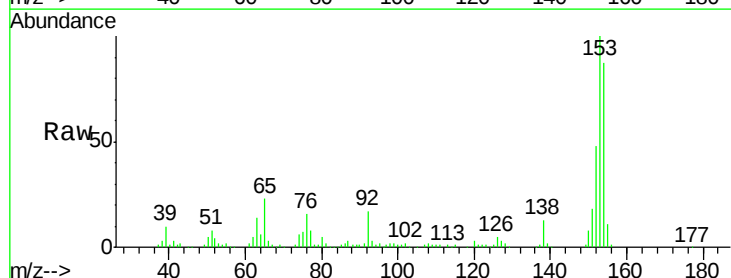
RT: 15.27 min Scan# 1241

Delta R.T. -0.04 min

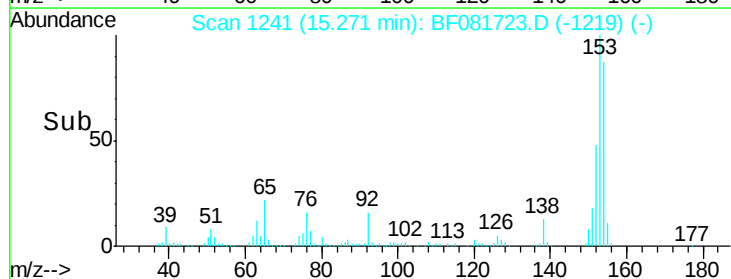
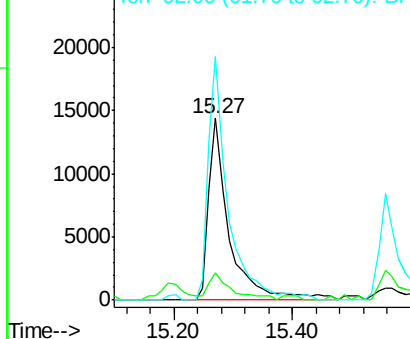
Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Tgt Ion:	138	Resp:	34596
Ion Ratio	Lower	Upper	
138	100		
108	14.7	5.7	8.5#
92	134.0	67.7	101.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





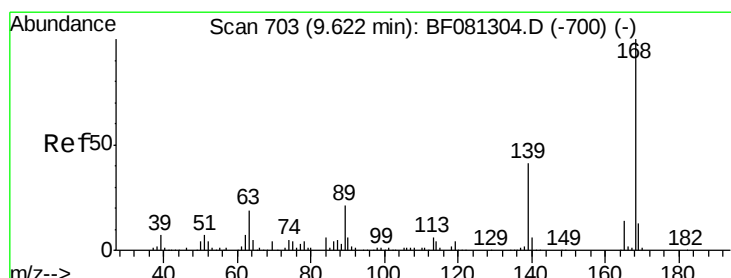
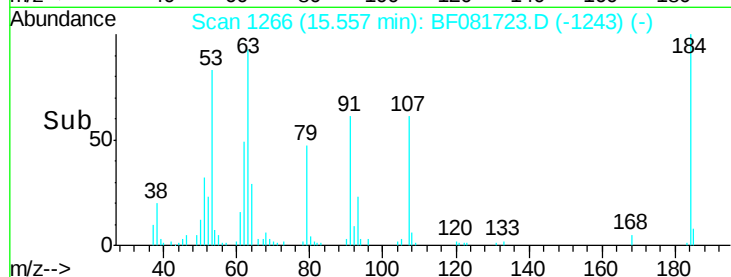
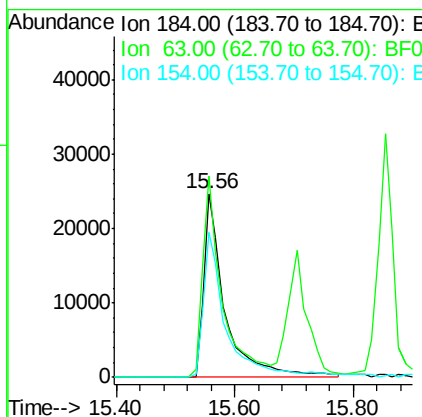
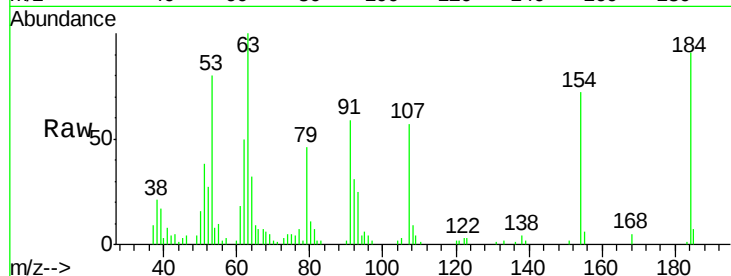
#53
 2,4-Dinitrophenol
 Concen: 92.58 ng
 RT: 15.56 min Scan# 1266
 Delta R.T. -0.03 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	109.7	35.4	53.2#
154	78.7	32.2	48.4#

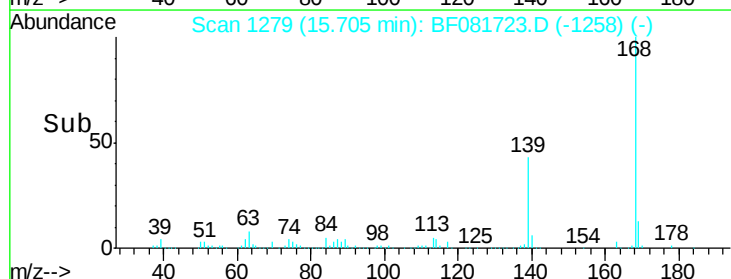
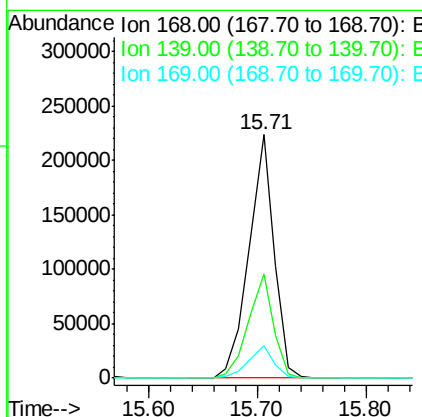
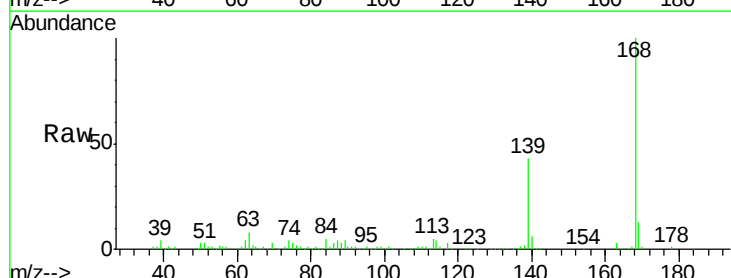
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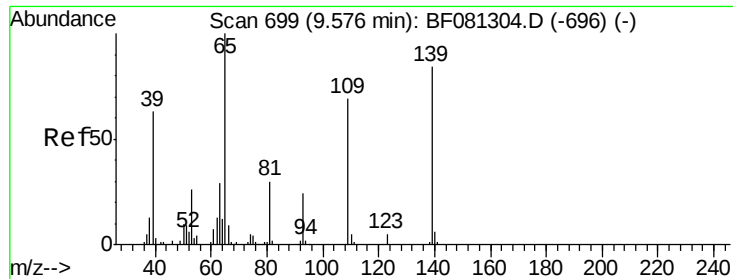
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#54
 Dibenzofuran
 Concen: 50.04 ng
 RT: 15.71 min Scan# 1279
 Delta R.T. -0.06 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.6	24.2	36.2#
169	13.1	10.6	15.8





#55

4-Nitrophenol

Concen: 28.01 ng

RT: 15.97 min Scan# 1302

Delta R.T. 0.05 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Instrument :

BNA_F

ClientSampleId :

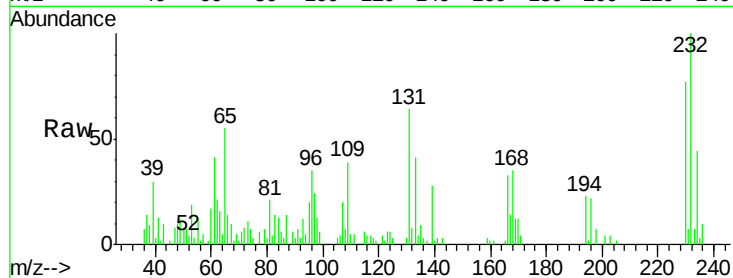
PZ-1-9-17-15MS

Manual Integrations
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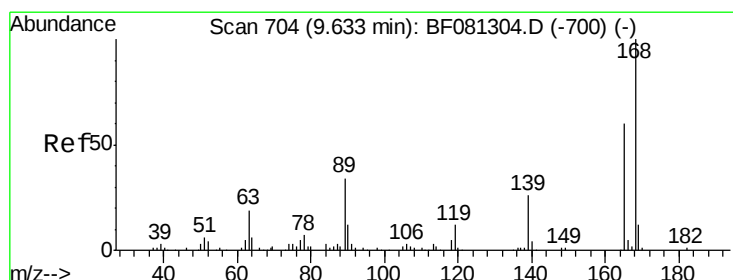
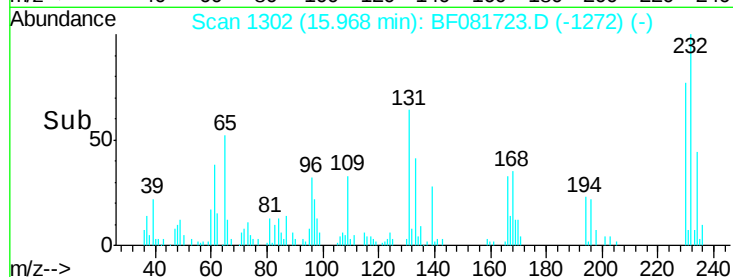
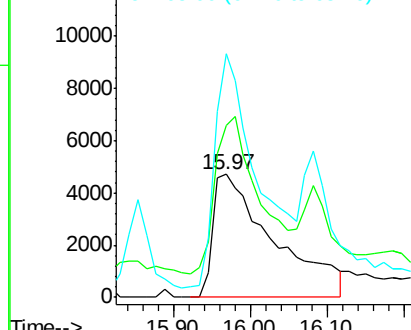
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Tot Ion:	139	Resp:	25982
Ion Ratio	Lower	Upper	
139	100		
109	140.2	12.7	52.7#
65	198.1	45.9	85.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.72 ng

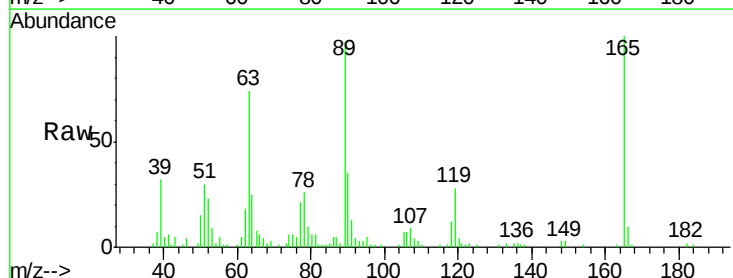
RT: 15.85 min Scan# 1292

Delta R.T. -0.04 min

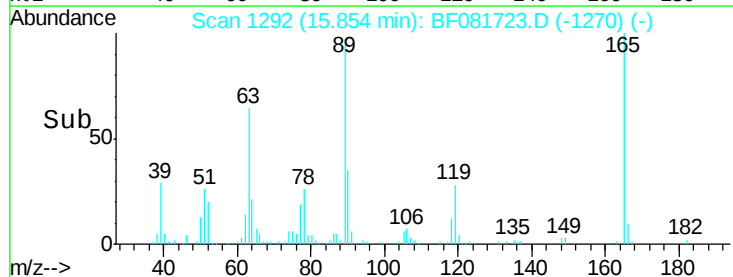
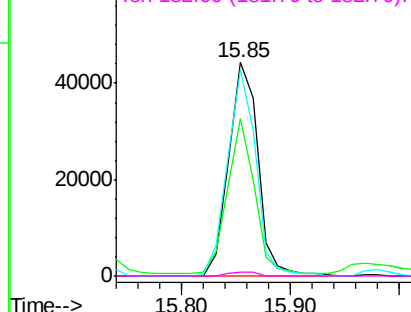
Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Tgt Ion:	165	Resp:	82109
Ion Ratio	Lower	Upper	
165	100		
63	73.8	29.8	44.6#
89	96.8	44.5	66.7#
182	2.1	3.0	4.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





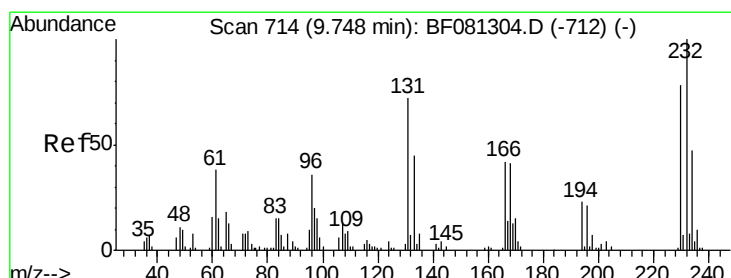
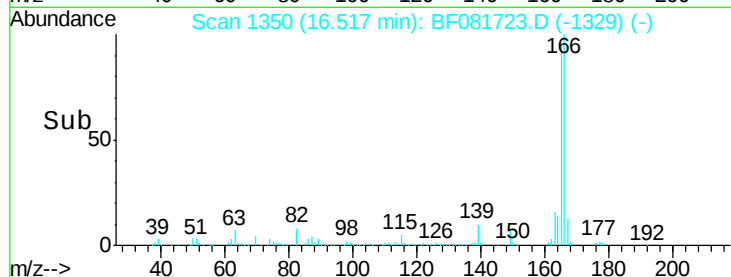
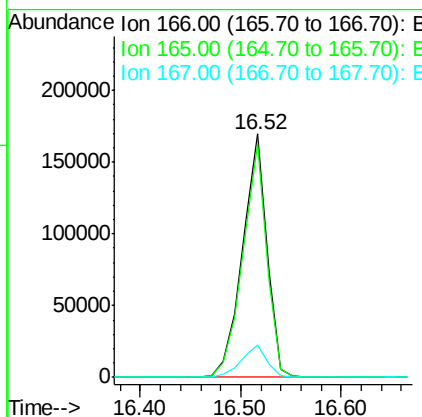
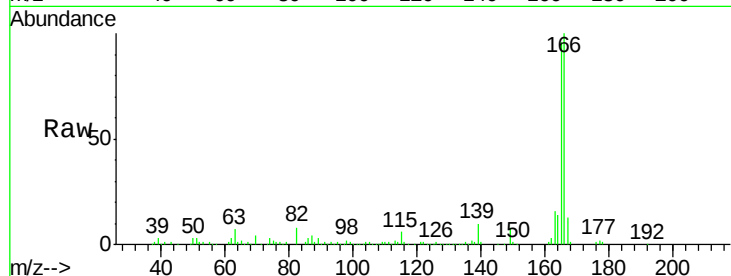
#57
 Fluorene
 Concen: 52.31 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. -0.06 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
166	100	285866		
165	95.7	72.6	109.0	
167	13.4	10.6	16.0	

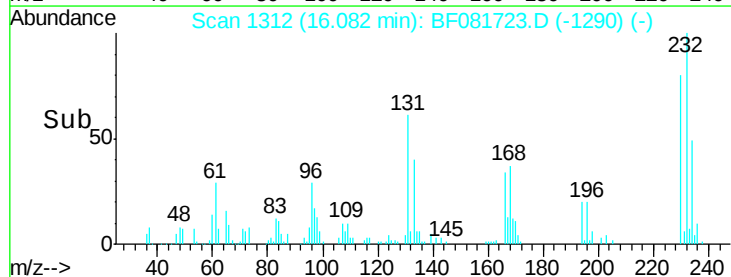
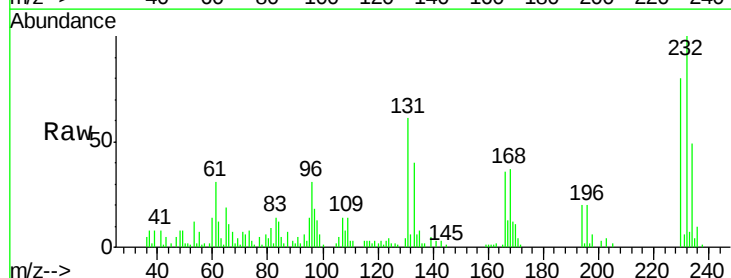
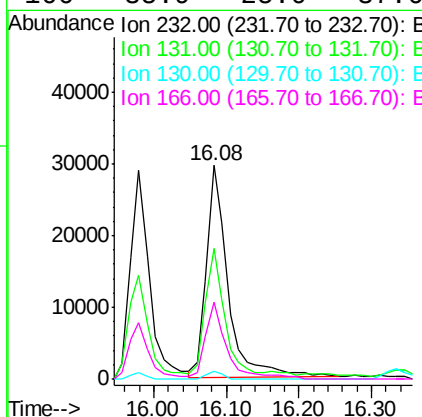
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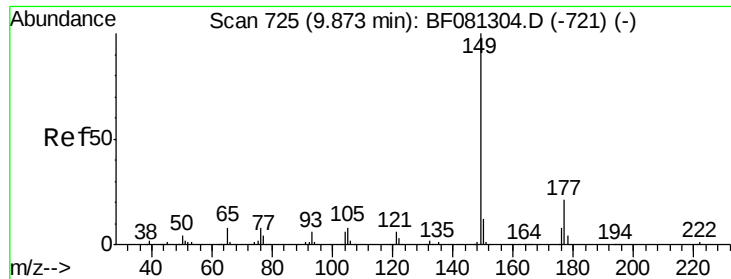
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.19 ng
 RT: 16.08 min Scan# 1312
 Delta R.T. -0.04 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	61508		
131	53.7	38.5	57.7	
130	2.6	1.8	2.6	
166	35.9	25.0	37.6	





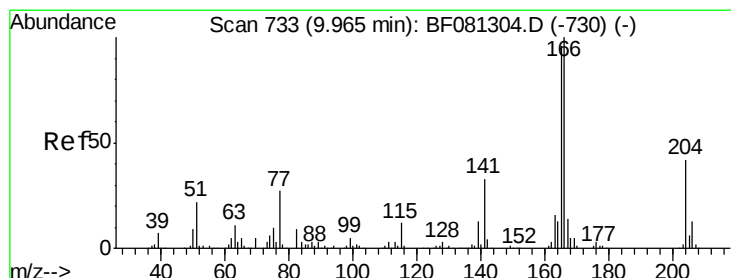
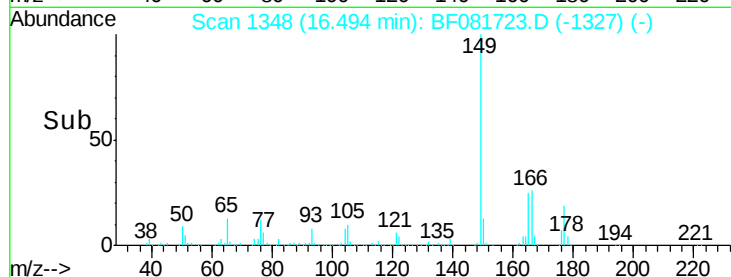
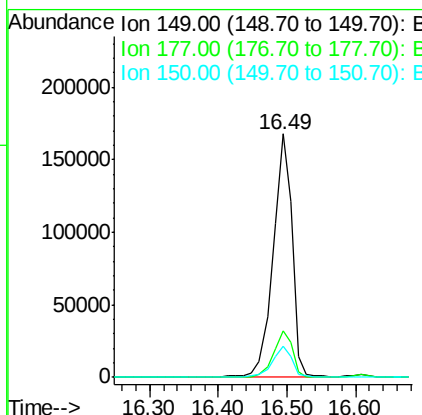
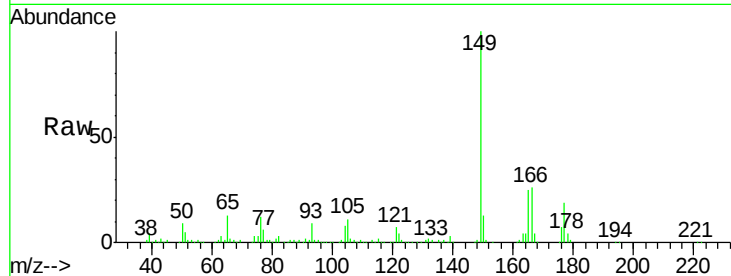
#59
Diethylphthalate
Concen: 54.10 ng
RT: 16.49 min Scan# 1348
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.1	17.5	26.3
150	12.6	9.4	14.2

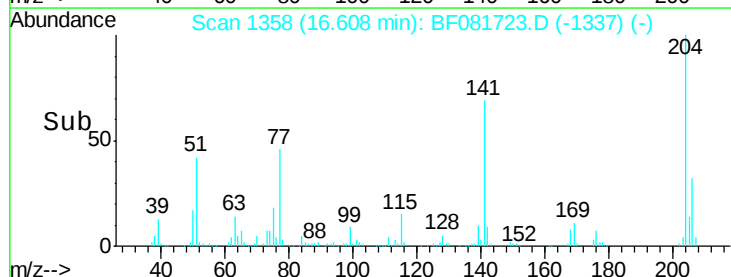
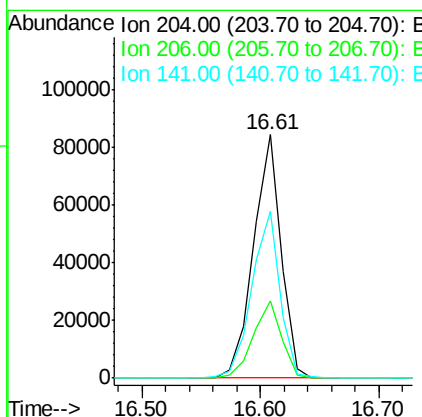
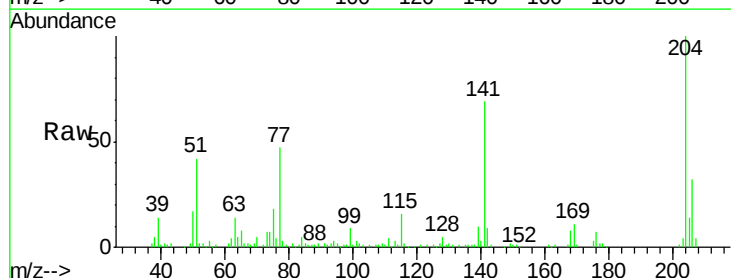
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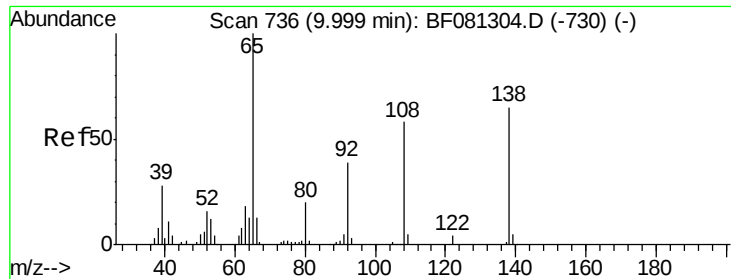
MMDadoda
9/22/2015 2:15:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 53.85 ng
RT: 16.61 min Scan# 1358
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	24.8	37.2
141	68.5	42.2	63.4#





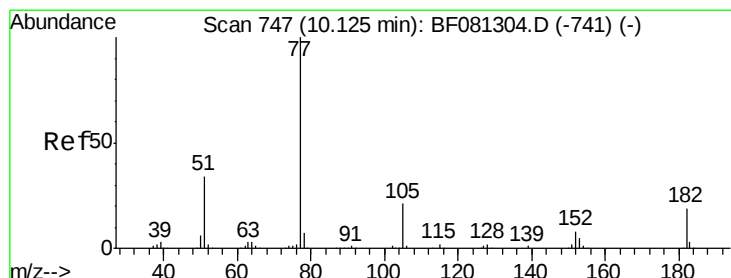
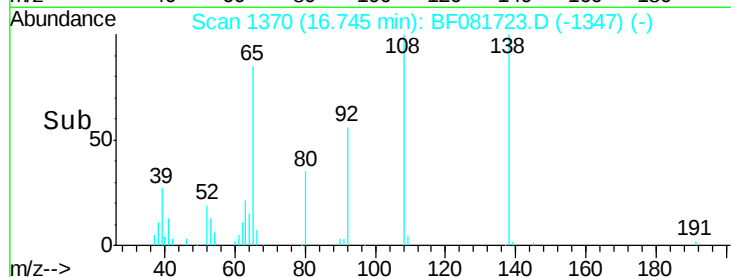
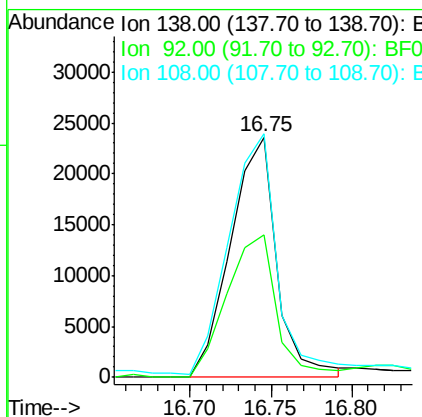
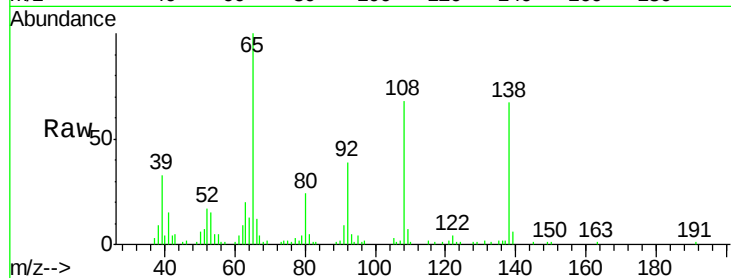
#61
4-Nitroaniline
Concen: 31.41 ng/mL
RT: 16.75 min Scan# 1370
Delta R.T. -0.03 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100	46861		
92	59.2	12.6	52.6#	
108	101.3	12.4	52.4#	

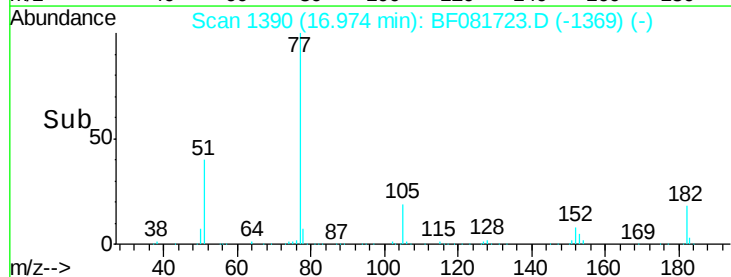
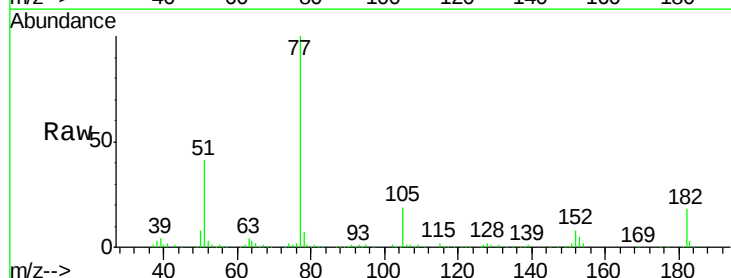
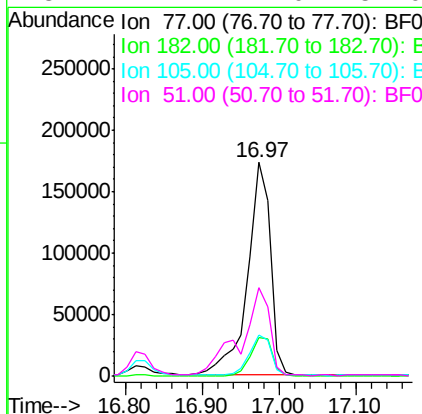
Manual Integrations
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#62
Azobenzene
Concen: 53.14 ng
RT: 16.97 min Scan# 1390
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	355127		
182	17.8	15.1	55.1	
105	19.4	3.4	43.4	
51	41.4	12.0	52.0	





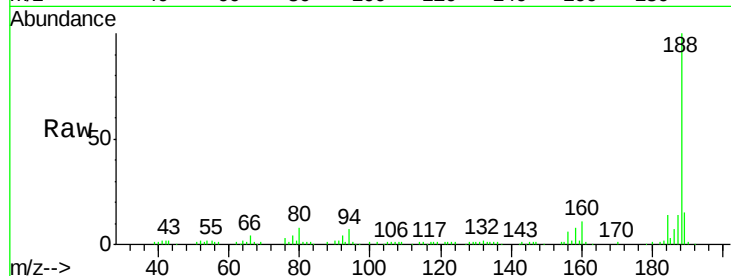
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.71 min Scan# 1542
Delta R.T. -0.04 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	11.1	16.7#
80	8.1	11.0	16.4#

Manual Integrations
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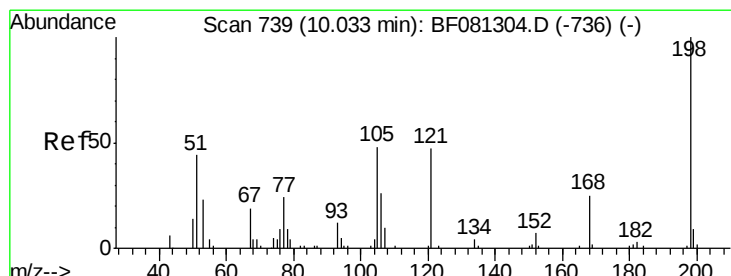
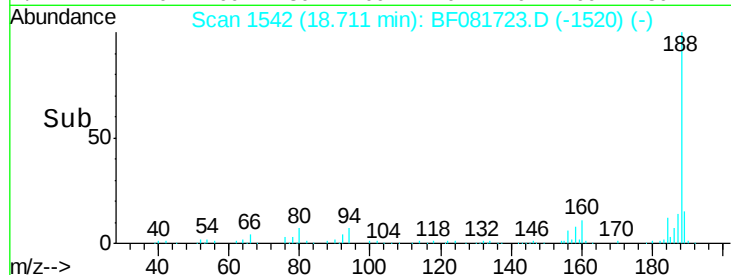
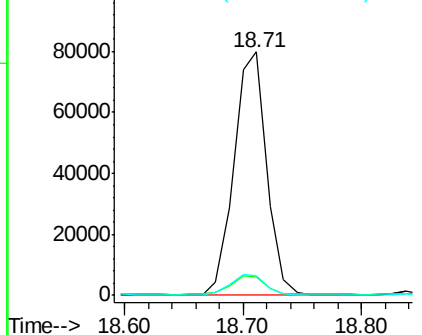
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



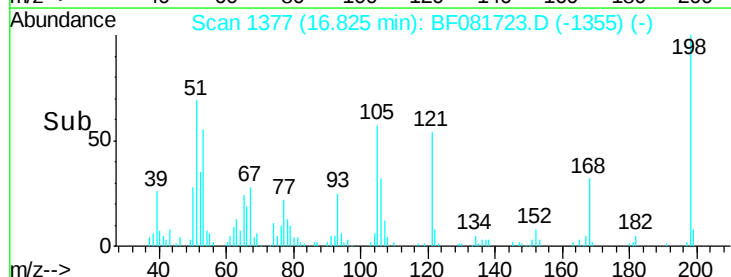
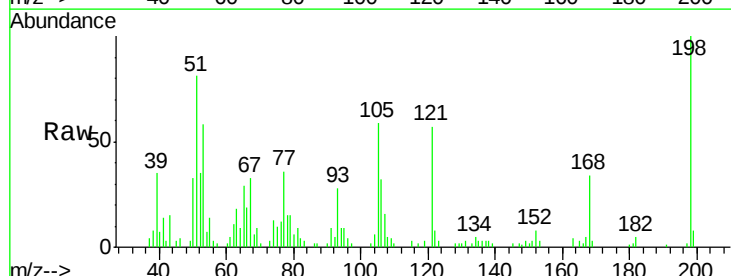
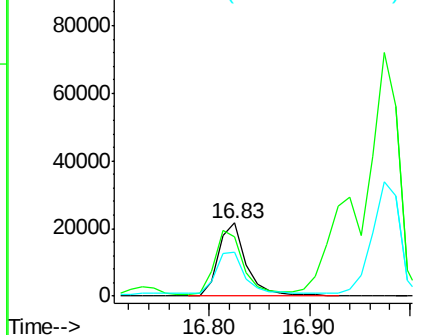
#64
4,6-Dinitro-2-methylphenol
Concen: 48.48 ng
RT: 16.83 min Scan# 1377
Delta R.T. -0.04 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

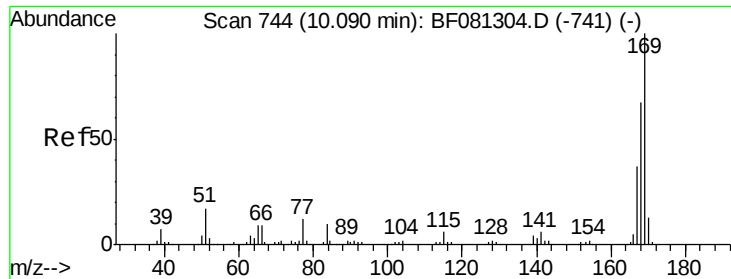
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	81.2	39.6	79.6#
105	59.5	28.5	68.5

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





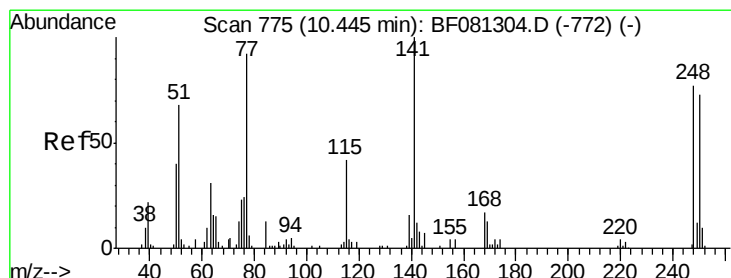
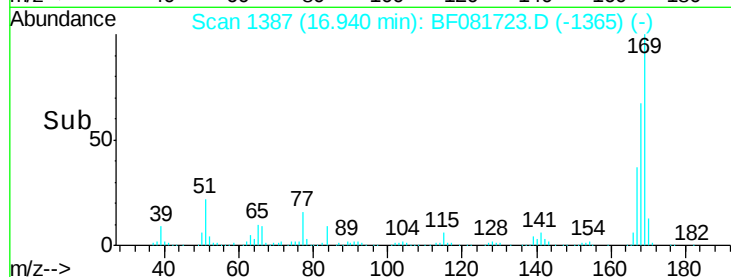
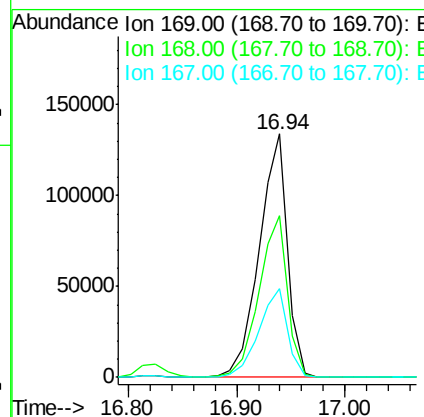
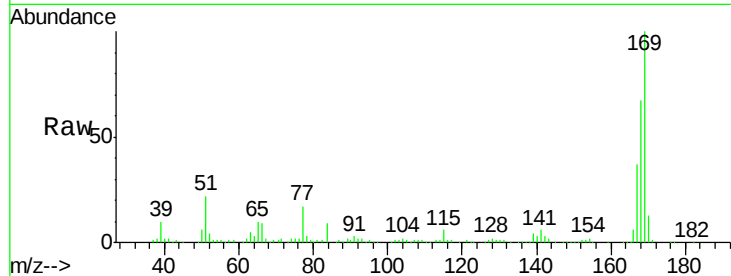
#65
n-Nitrosodiphenylamine
Concen: 43.71 ng
RT: 16.94 min Scan# 1387
Delta R.T. -0.04 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	242069		
168	66.5	48.9	73.3	
167	36.5	26.2	39.4	

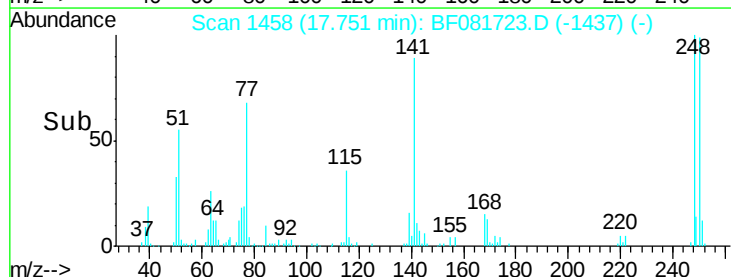
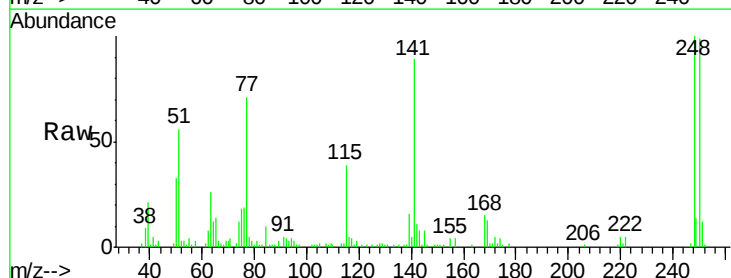
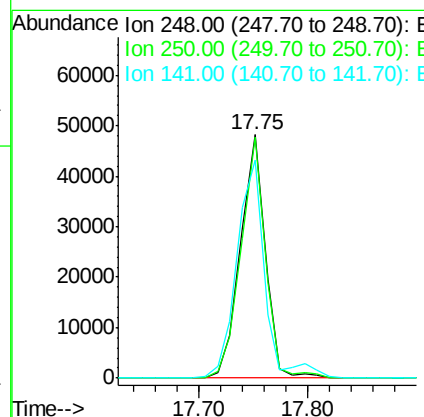
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#66
4-Bromophenyl-phenylether
Concen: 49.47 ng
RT: 17.75 min Scan# 1458
Delta R.T. -0.06 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	76131		
250	99.0	78.5	117.7	
141	89.4	59.0	88.6	





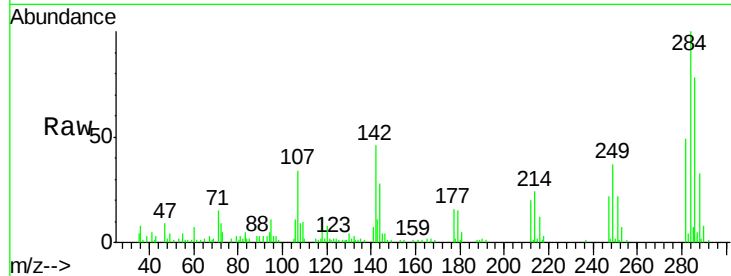
#67
Hexachlorobenzene
Concen: 48.62 ng
RT: 17.80 min Scan# 1462
Delta R.T. -0.07 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

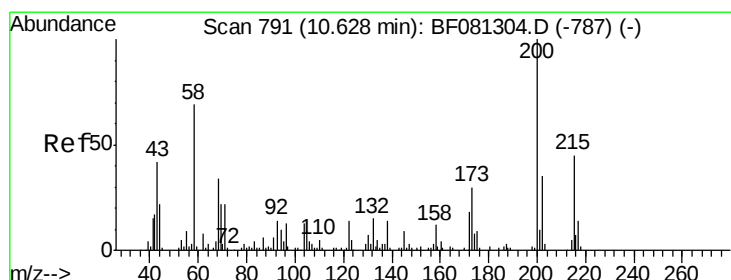
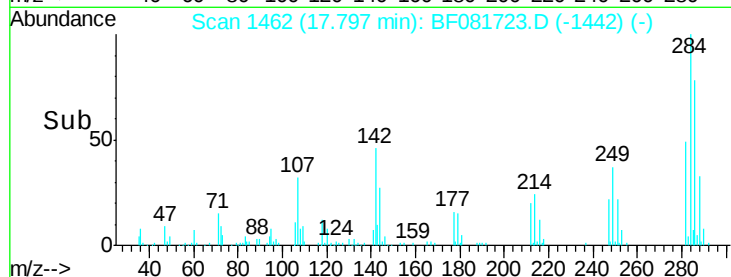
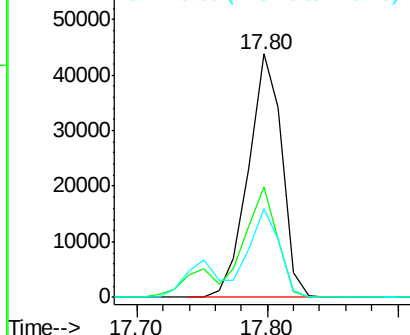
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	45.5	29.5	44.3#
249	36.5	19.5	29.3#

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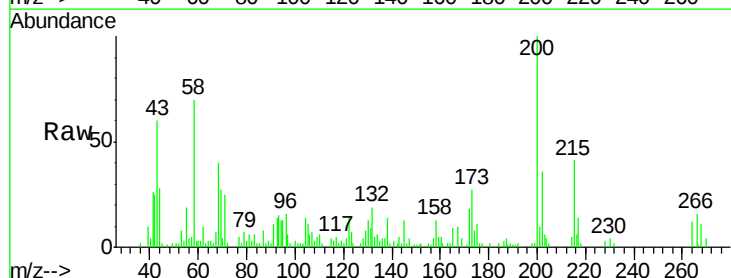


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

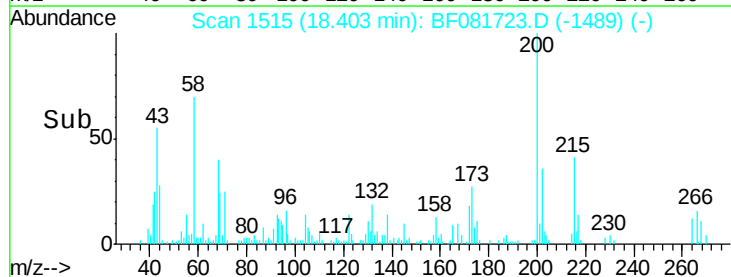
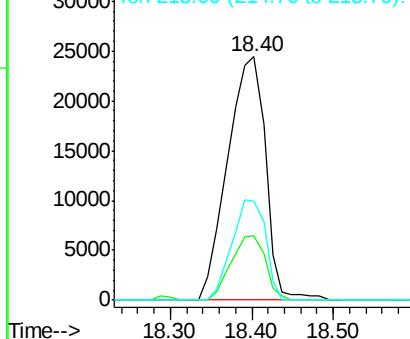


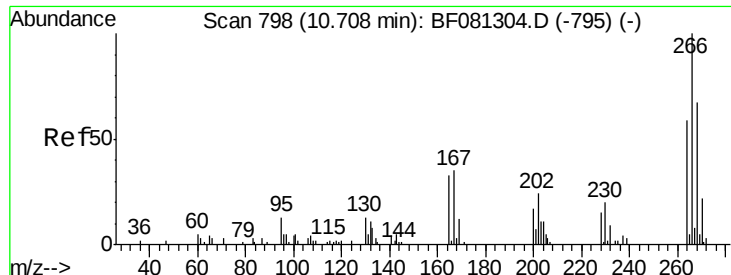
#68
Atrazine
Concen: 49.07 ng
RT: 18.40 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	13.2	53.2
215	40.8	41.8	81.8#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





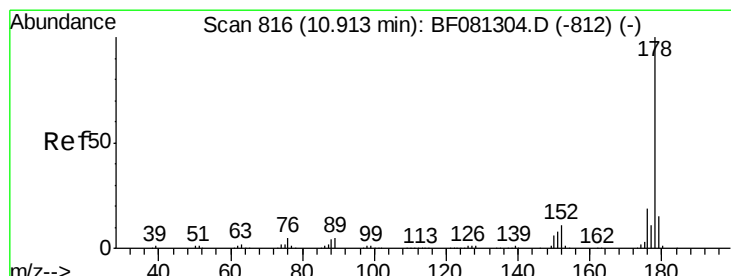
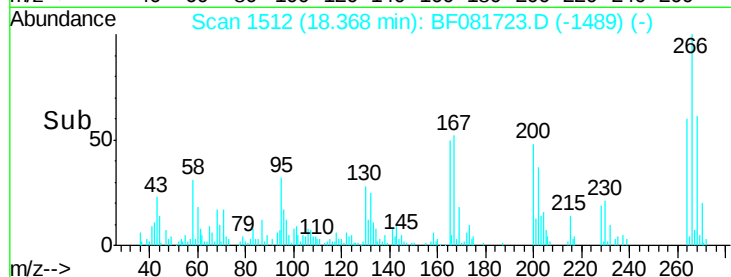
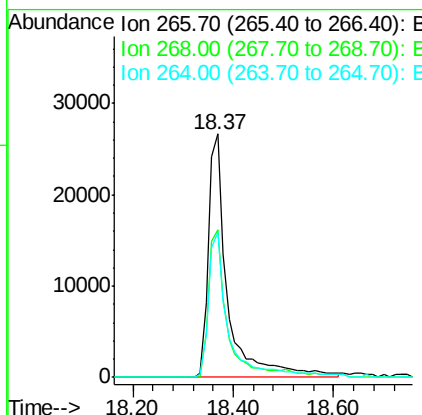
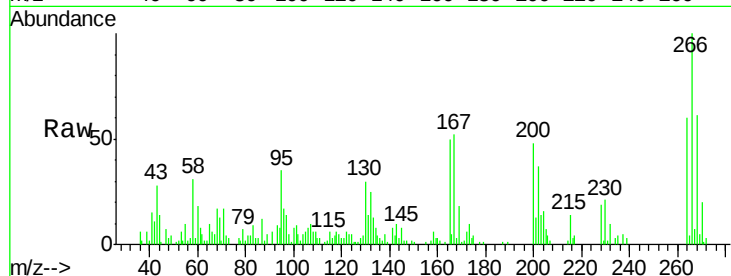
#69
 Pentachlorophenol
 Concen: 89.92 ng
 RT: 18.37 min Scan# 1512
 Delta R.T. -0.03 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.8	49.8	74.6
264	59.8	50.2	75.2

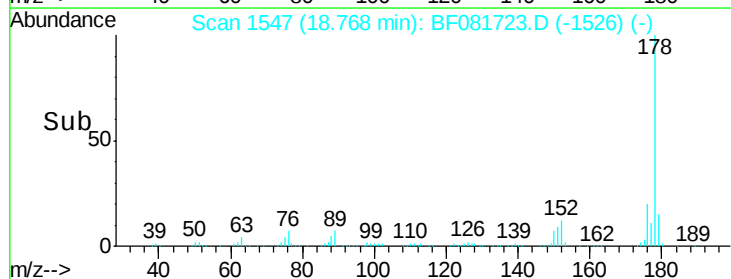
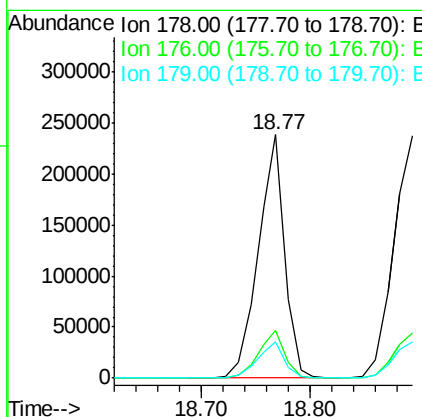
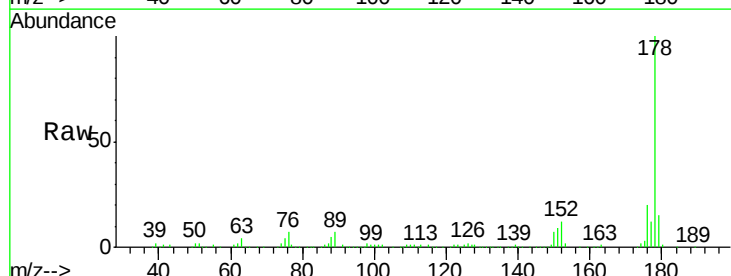
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#70
 Phenanthrene
 Concen: 47.27 ng
 RT: 18.77 min Scan# 1547
 Delta R.T. -0.06 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	13.8	20.8
179	15.1	12.2	18.2





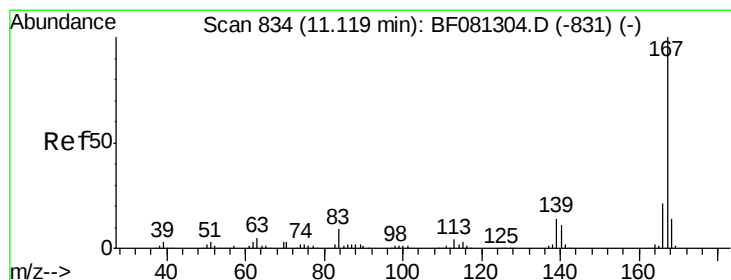
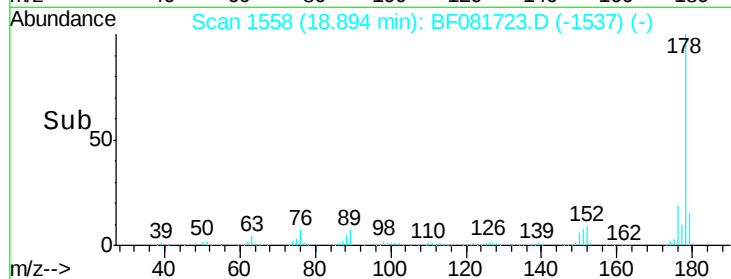
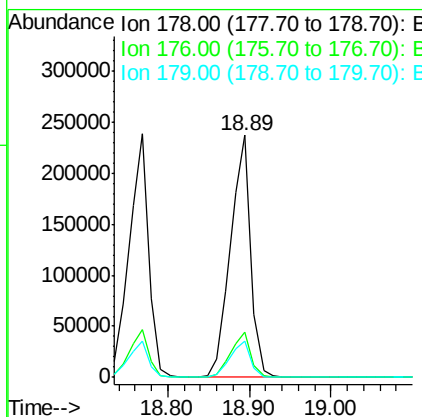
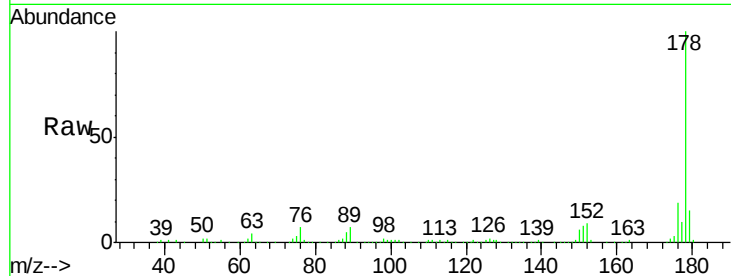
#71
 Anthracene
 Concen: 47.15 ng
 RT: 18.89 min Scan# 1558
 Delta R.T. -0.06 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

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

Tot Ion:	178	Resp:	409811
Ion Ratio	Lower	Upper	
178	100		
176	18.6	14.1	21.1
179	15.1	12.2	18.2

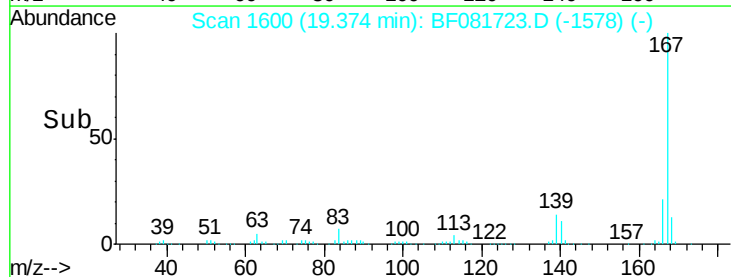
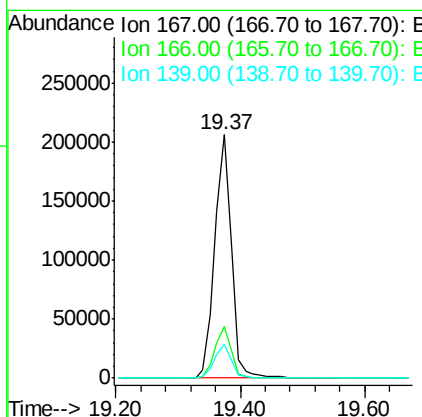
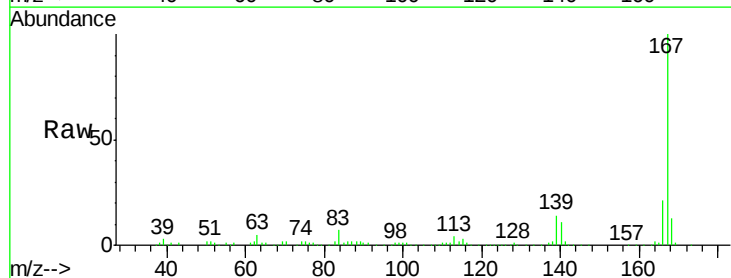
Manual Integrations
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#72
 Carbazole
 Concen: 46.26 ng
 RT: 19.37 min Scan# 1600
 Delta R.T. -0.04 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

Tgt Ion:	167	Resp:	377315
Ion Ratio	Lower	Upper	
167	100		
166	21.3	15.7	23.5
139	14.0	9.5	14.3





#73

Di-n-butylphthalate

Concen: 51.90 ng

RT: 20.41 min Scan# 1691

Delta R.T. -0.06 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Instrument :

BNA_F

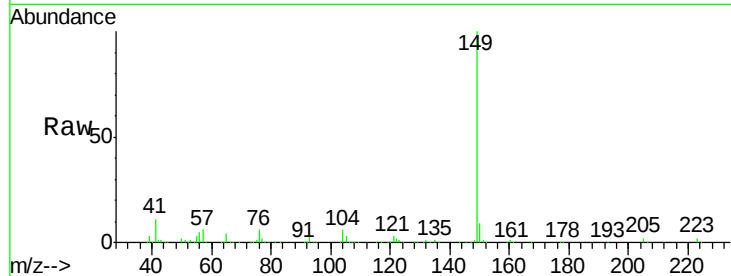
ClientSampleId :

PZ-1-9-17-15MS

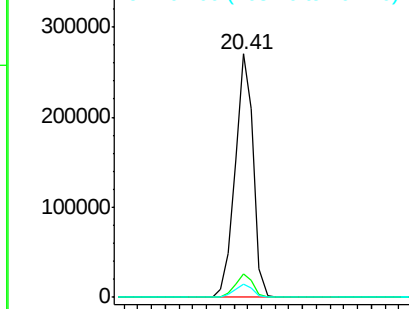
Tot Ion:	149	Resp:	499859
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.4	11.2
104	5.5	2.4	3.6

Manual Integrations
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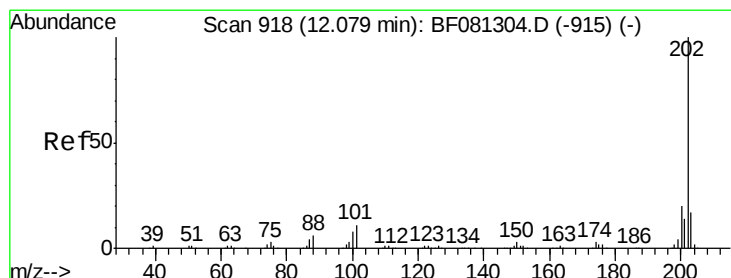
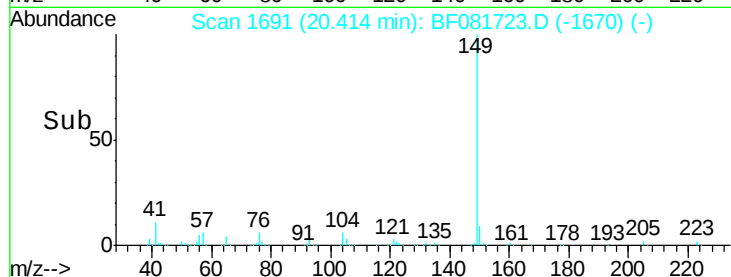
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 49.01 ng

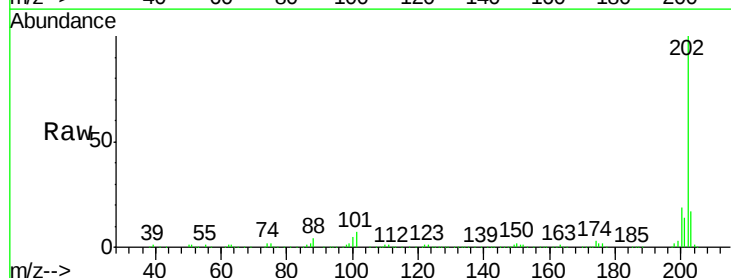
RT: 21.40 min Scan# 1777

Delta R.T. -0.03 min

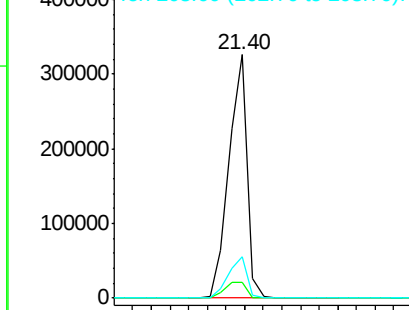
Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

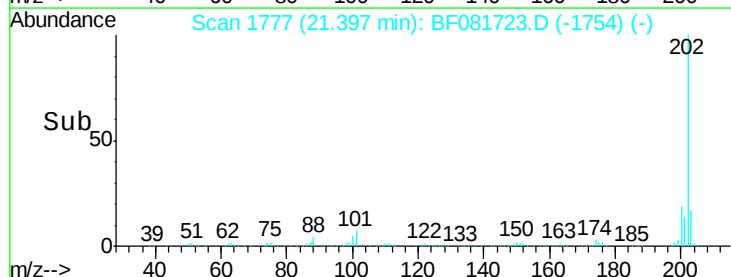
Tgt Ion:	202	Resp:	448897
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	38.3
203	17.1	0.0	37.3

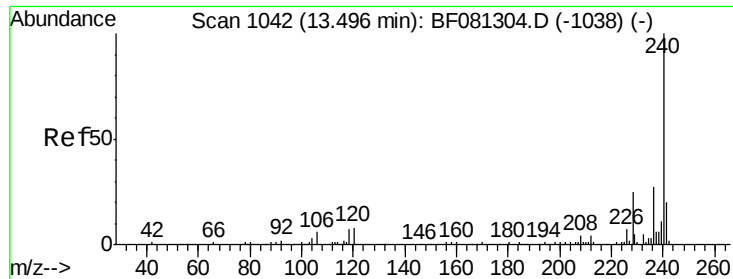


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Instrument :

BNA_F

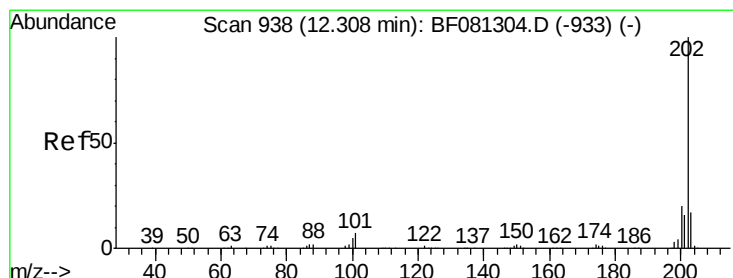
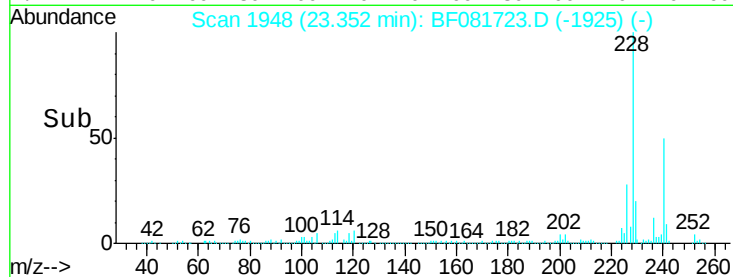
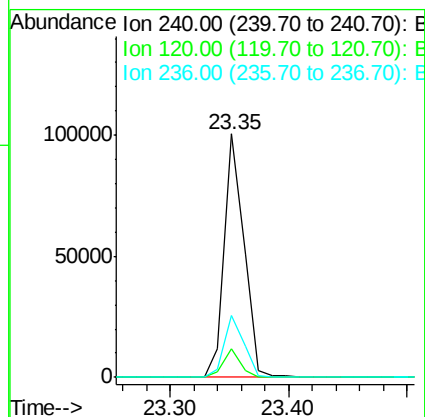
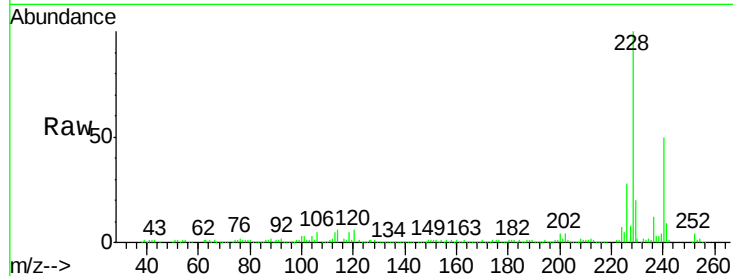
ClientSampleId :

PZ-1-9-17-15MS

Tot Ion:	240	Resp:	115024
Ion Ratio	Lower	Upper	
240	100		
120	12.0	16.2	24.2#
236	25.2	18.4	27.6

Manual Integrations
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#77

Pyrene

Concen: 51.28 ng

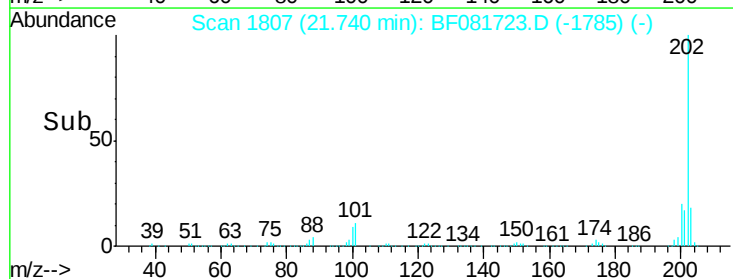
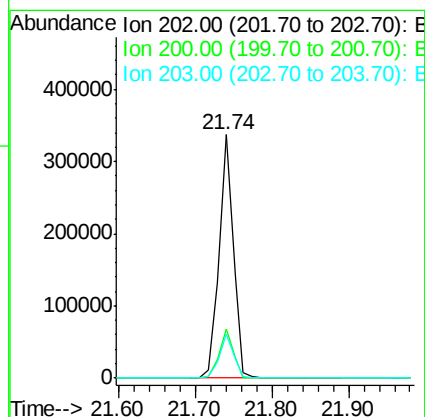
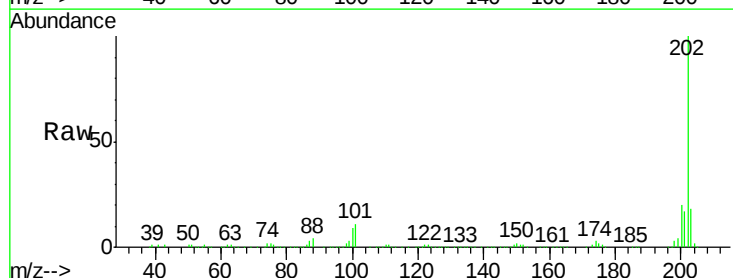
RT: 21.74 min Scan# 1807

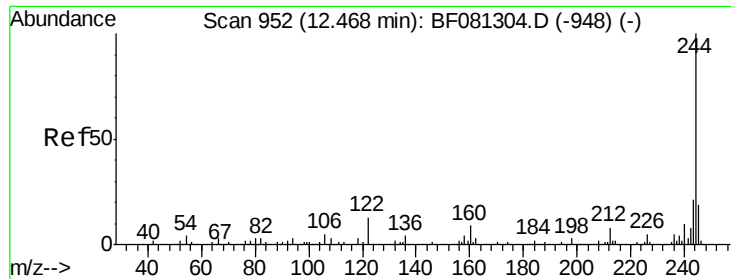
Delta R.T. -0.04 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Tgt Ion:	202	Resp:	436888
Ion Ratio	Lower	Upper	
202	100		
200	20.0	15.0	22.4
203	18.0	14.1	21.1





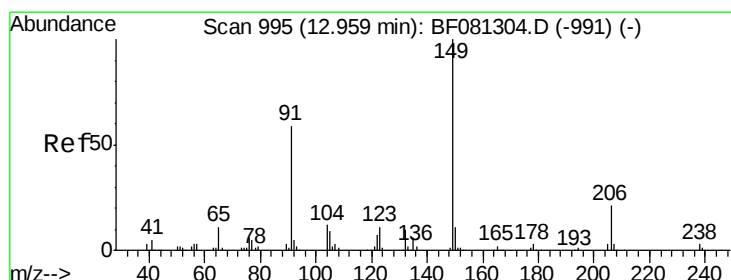
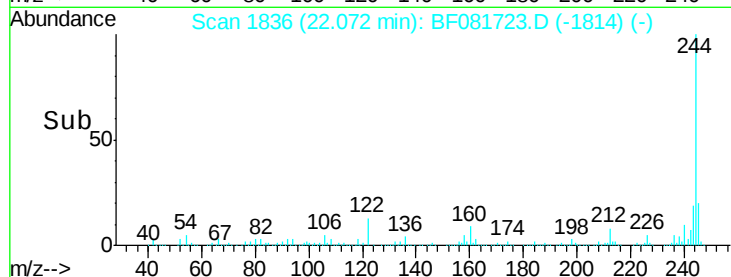
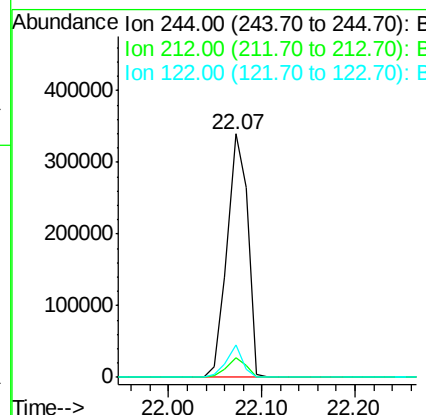
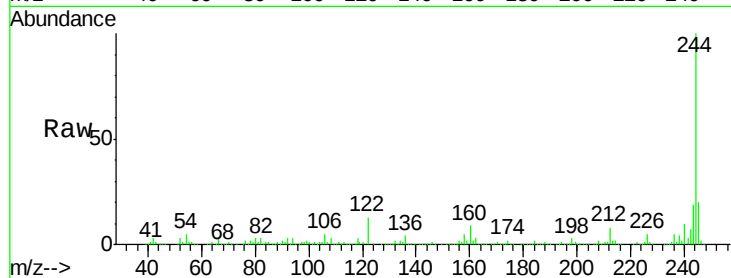
#78
 Terphenyl-d14
 Concen: 106.61 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	13.1	17.4	26.2#

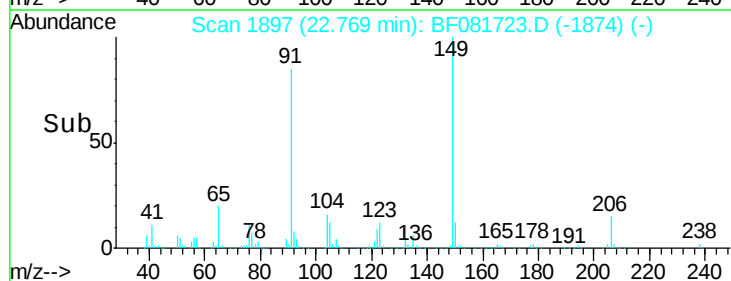
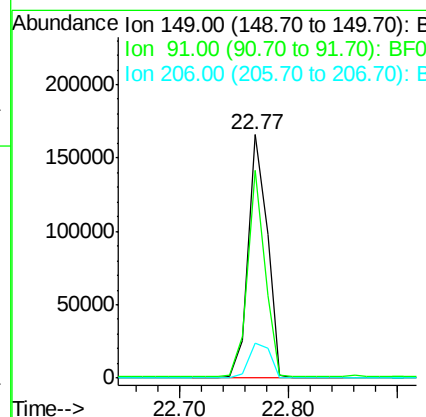
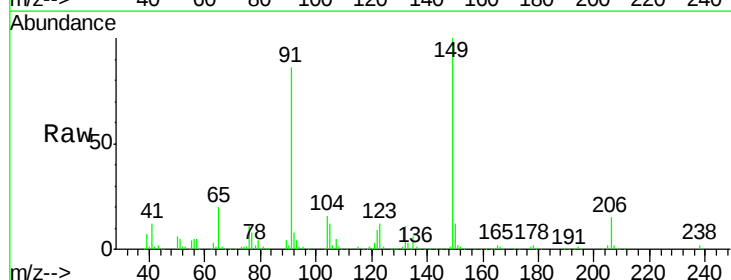
Manual Integrations
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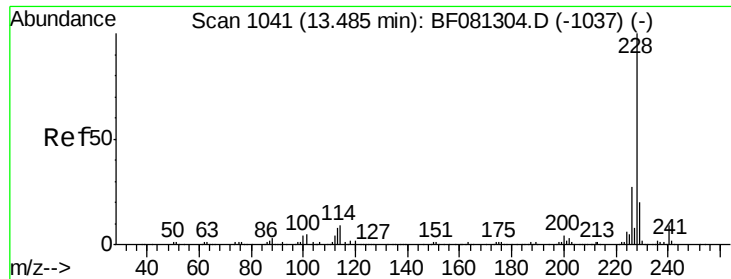
MMDadoda
 9/22/2015 2:15:27 PM



#79
 Butylbenzylphthalate
 Concen: 54.41 ng
 RT: 22.77 min Scan# 1897
 Delta R.T. -0.03 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	85.5	48.6	72.8#
206	14.5	14.9	22.3#





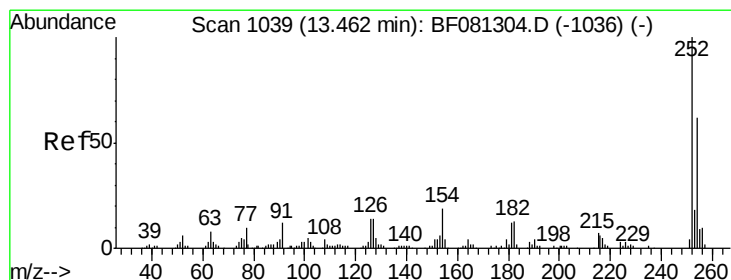
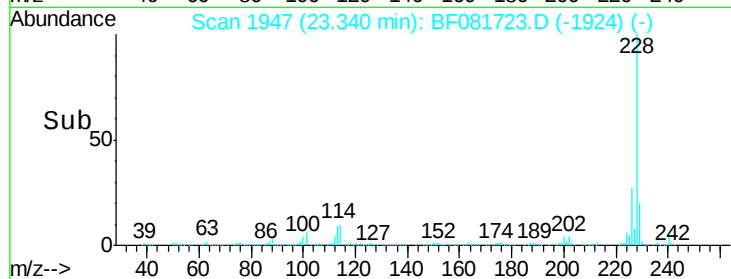
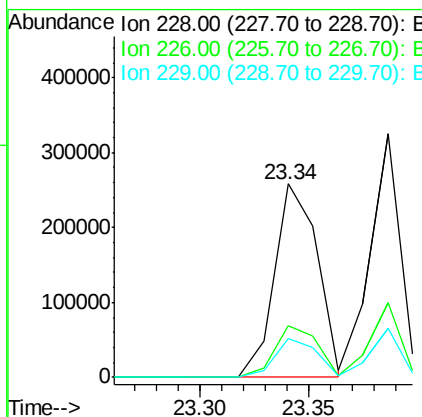
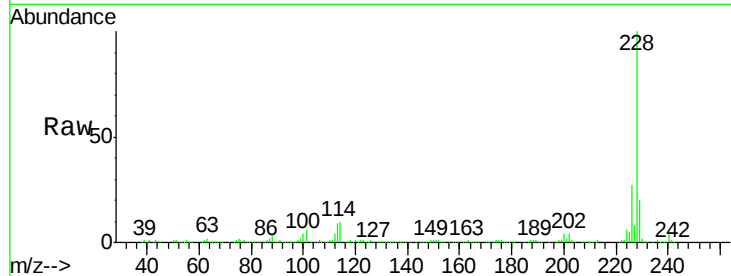
#80
Benzo(a)anthracene
Concen: 48.49 ng
RT: 23.34 min Scan# 1947
Delta R.T. -0.03 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
228	100	355214		
226	26.7	20.0	30.0	
229	19.9	15.4	23.2	

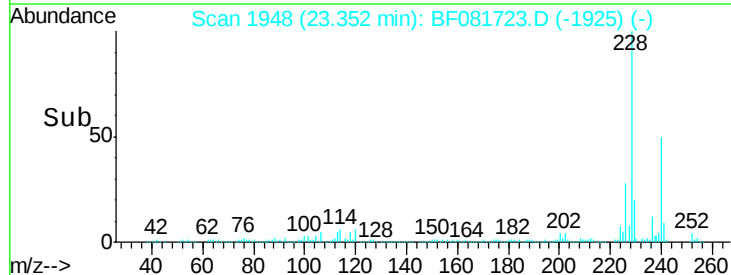
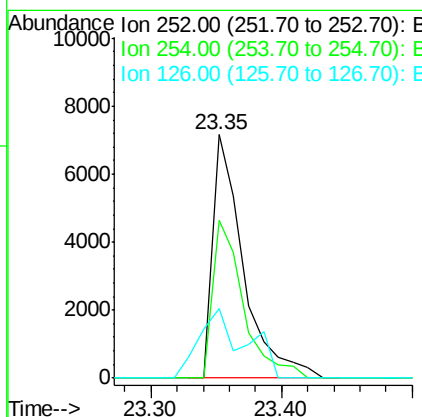
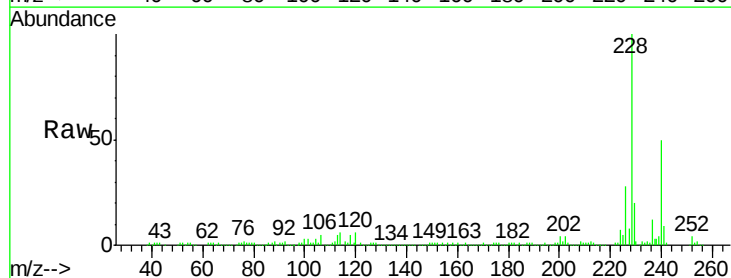
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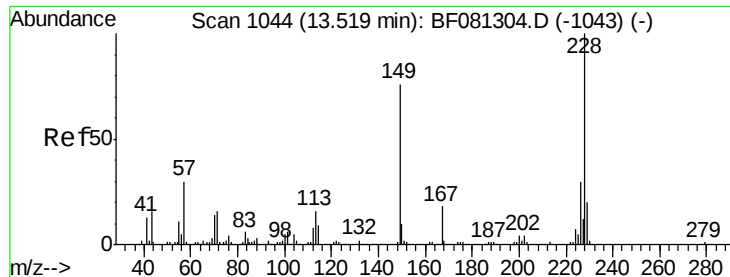
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#81
3,3'-Dichlorobenzidine
Concen: 4.75 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	11740		
254	64.9	51.4	77.2	
126	28.6	16.4	24.6	





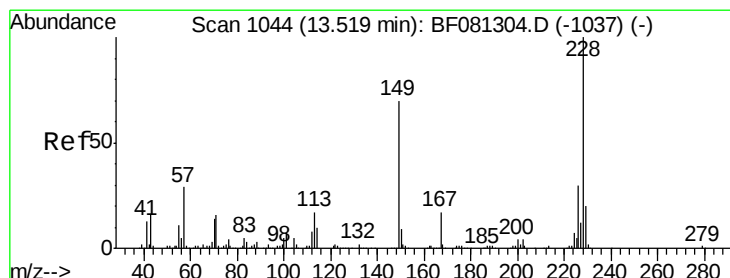
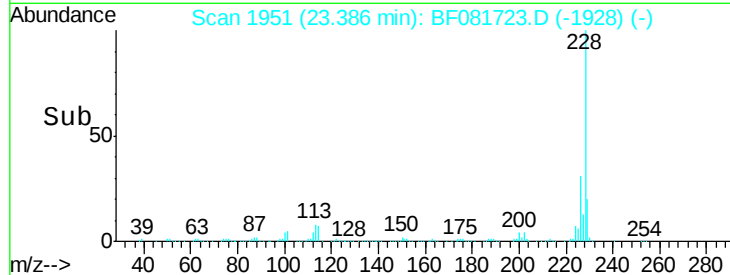
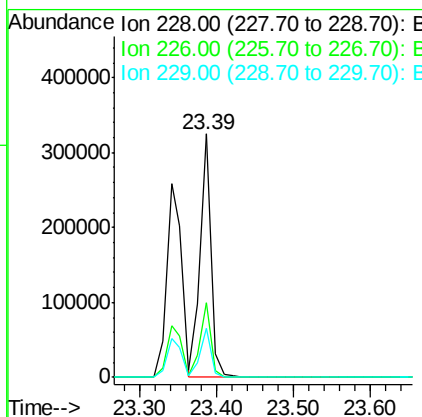
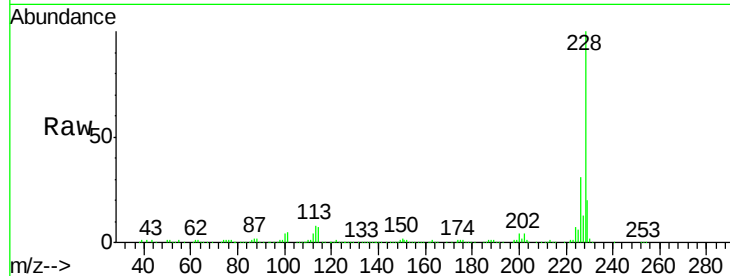
#82
 Chrvsene
 Concen: 48.75 ng
 RT: 23.39 min Scan# 1951
 Delta R.T. -0.03 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

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

Tot Ion:	228	Resp:	320125
Ion Ratio		Lower	Upper
228	100		
226	30.8	21.0	31.4
229	20.0	15.6	23.4

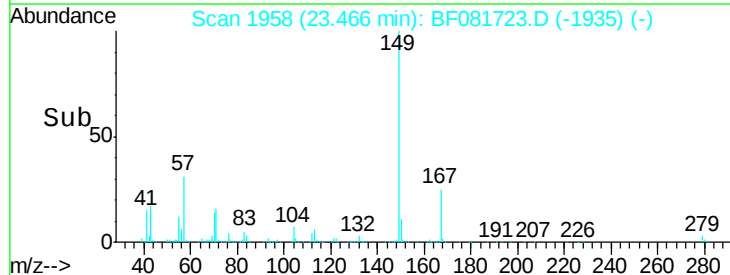
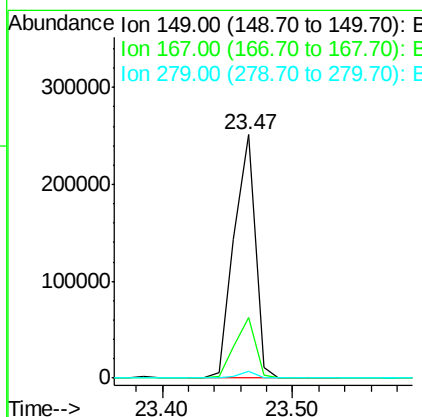
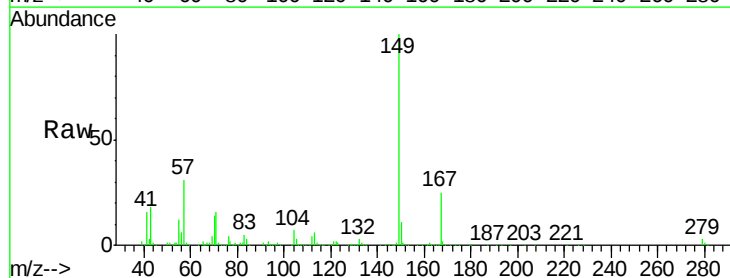
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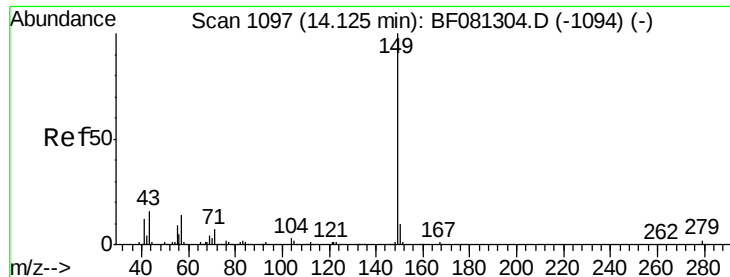
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.71 ng
 RT: 23.47 min Scan# 1958
 Delta R.T. -0.03 min
 Lab File: BF081723.D
 Acq: 21 Sep 2015 20:18

Tgt Ion:	149	Resp:	282229
Ion Ratio		Lower	Upper
149	100		
167	25.1	24.2	36.2
279	3.0	3.8	5.6#





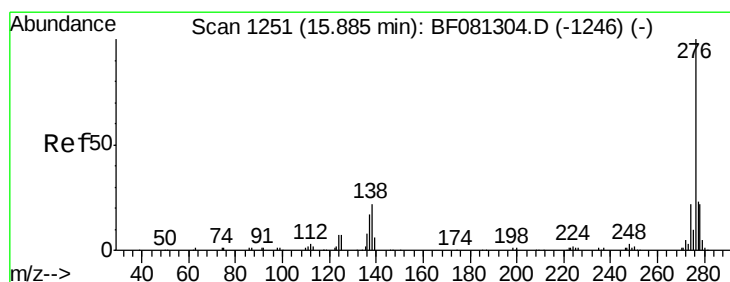
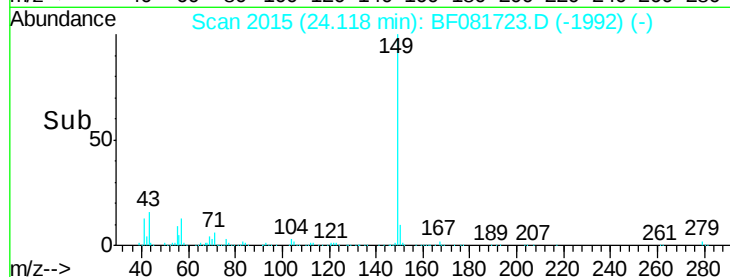
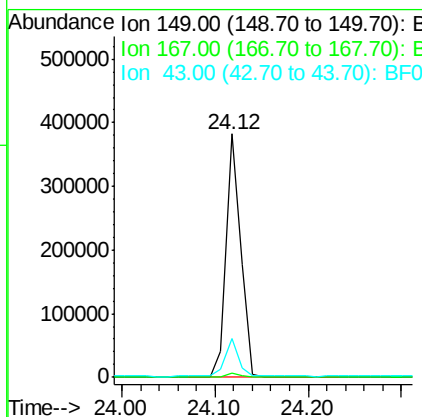
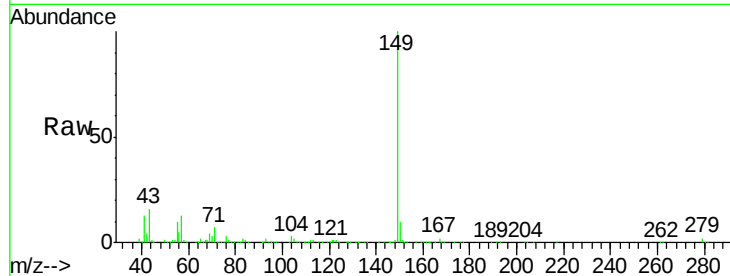
#84
Di-n-octyl phthalate
Concen: 51.75 ng
RT: 24.12 min Scan# 2015
Delta R.T. -0.03 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.0	1.6#	
43	14.4	10.2	15.2	

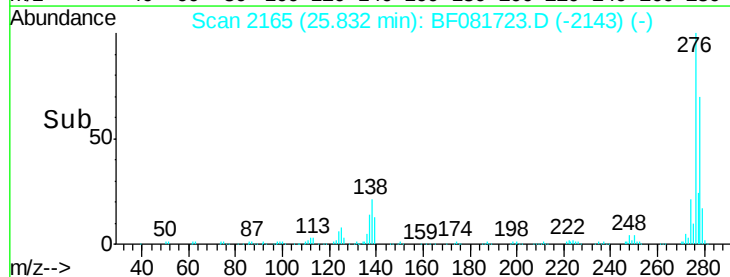
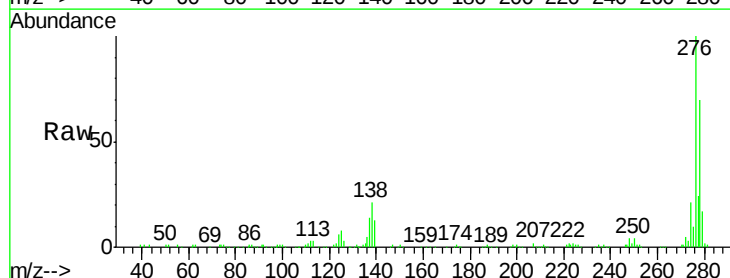
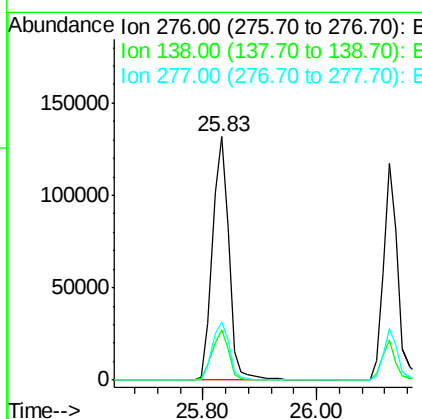
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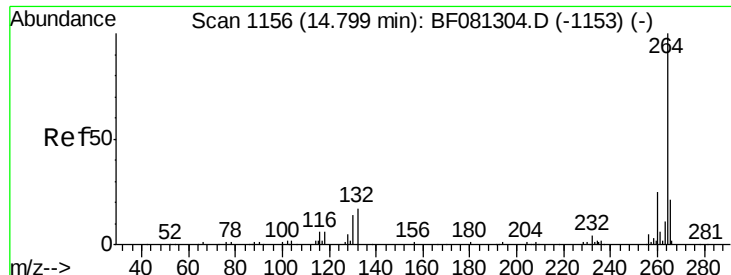
MMDadoda
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#85
Indeno(1,2,3-cd)pyrene
Concen: 54.25 ng
RT: 25.83 min Scan# 2165
Delta R.T. -0.04 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	20.5	25.7	38.5#	
277	24.6	15.6	23.4#	





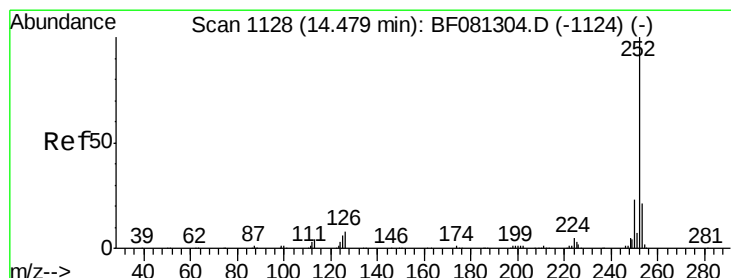
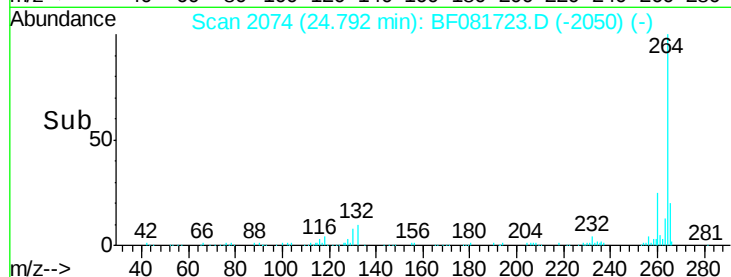
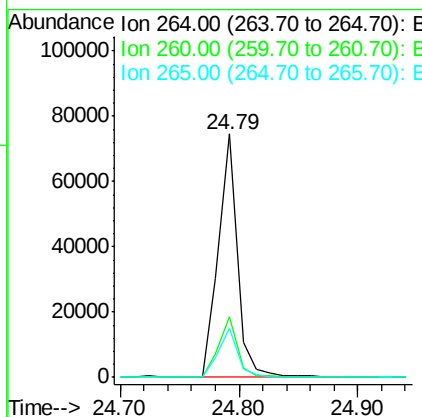
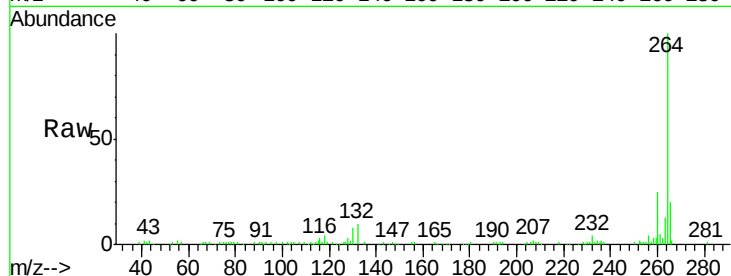
#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. -0.02 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	19.9	17.2	25.8

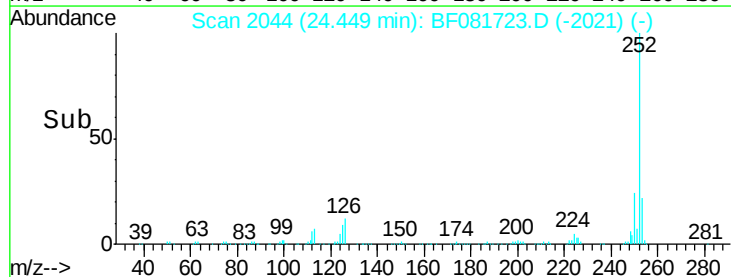
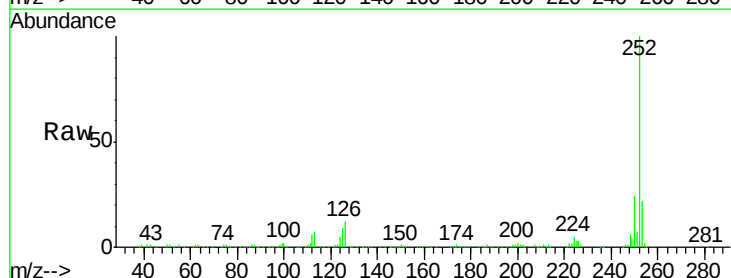
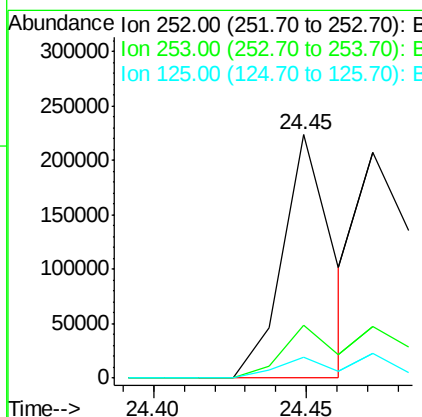
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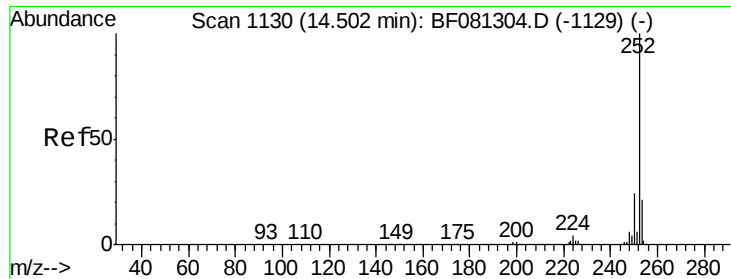
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#87
Benzo(b)fluoranthene
Concen: 43.06 ng m
RT: 24.45 min Scan# 2044
Delta R.T. -0.03 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.7	17.1	25.7#





#88

Benzo(k)fluoranthene

Concen: 50.69 ng m

RT: 24.47 min Scan# 2046

Delta R.T. -0.03 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Instrument :

BNA_F

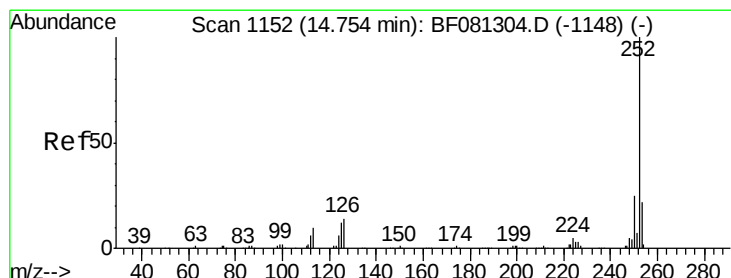
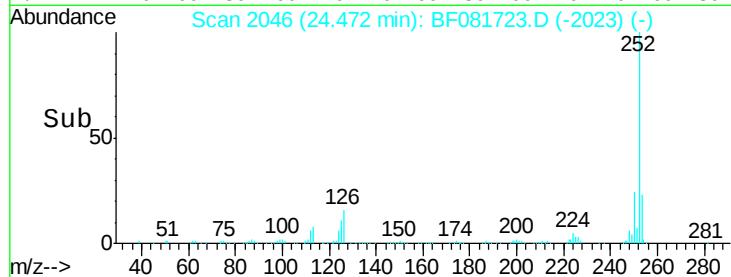
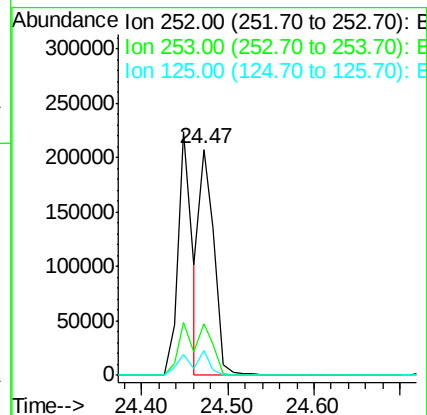
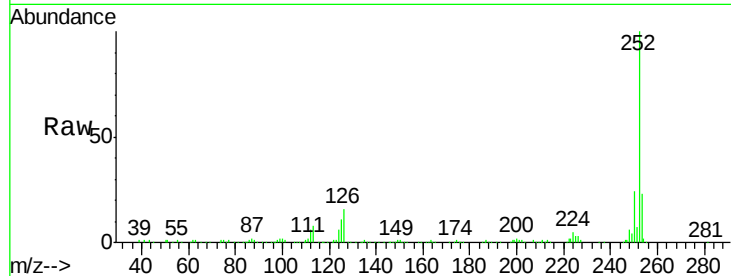
ClientSampleId :

PZ-1-9-17-15MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	249139		
253	22.8	17.0	25.4	
125	10.8	16.0	24.0	

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#89

Benzo(a)pyrene

Concen: 52.17 ng

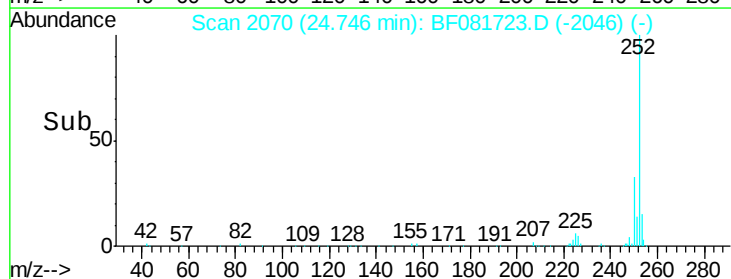
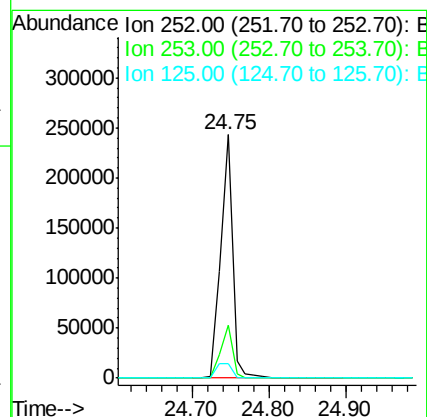
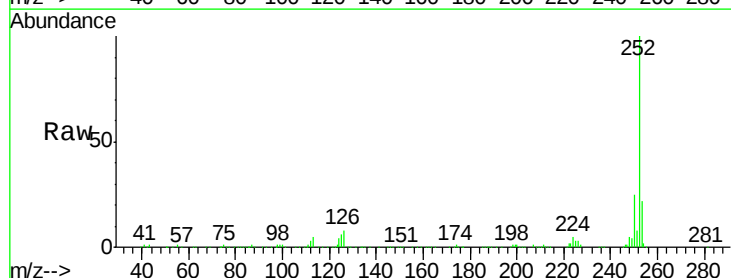
RT: 24.75 min Scan# 2070

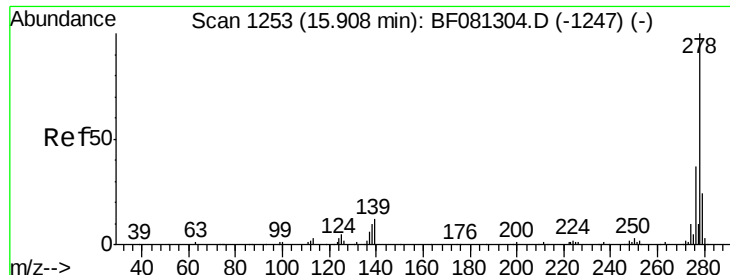
Delta R.T. -0.02 min

Lab File: BF081723.D

Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	261859		
253	21.7	17.2	25.8	
125	6.2	18.0	27.0	





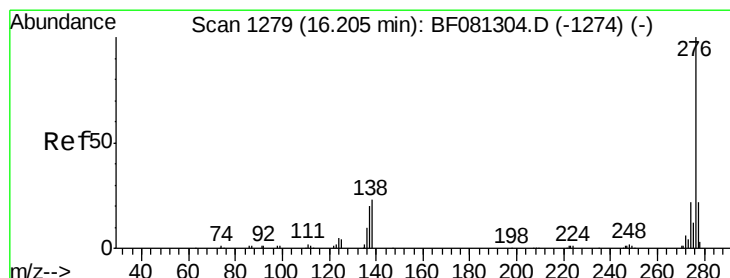
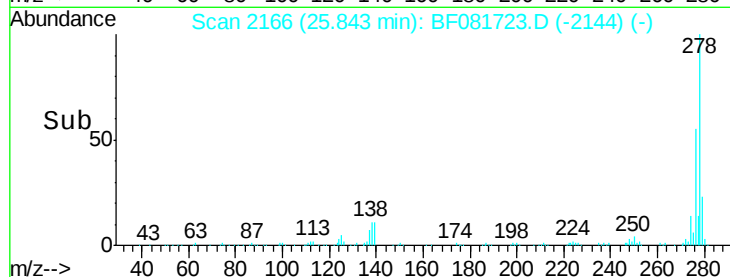
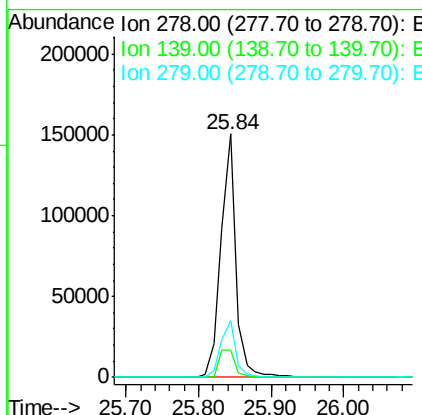
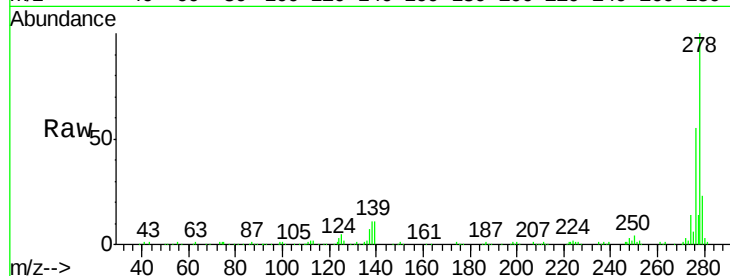
#90
Dibenzo(a,h)anthracene
Concen: 56.15 ng
RT: 25.84 min Scan# 2166
Delta R.T. -0.04 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.3	26.3	39.5#
279	23.3	18.2	27.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 57.12 ng
RT: 26.13 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF081723.D
Acq: 21 Sep 2015 20:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.8	26.6
138	18.4	34.6	51.8#

