

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079967.D
 Acq On : 13 Jun 2015 9:12
 Operator : TP/IZ
 Sample : G2523-11MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MSD

Manual Integrations
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 6/15/2015 1:00:42 PM

Quant Time: Jun 15 11:26:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	46780	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	180997	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	104661	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	201415	20.00	ng	-0.02
75) Chrysene-d12	14.87	240	230977m	20.00	ng	-0.27
86) Perylene-d12	16.74	264	231054m	20.00	ng	-0.35

System Monitoring Compounds

5) 2-Fluorophenol	5.99	112	182560	71.56	ng	0.00
7) Phenol-d6	6.97	99	152592	43.90	ng	0.00
23) Nitrobenzene-d5	7.93	82	283846	103.47	ng	0.00
41) 2,4,6-Tribromophenol	11.24	330	136526	129.53	ng	0.00
44) 2-Fluorobiphenyl	9.75	172	674793	90.28	ng	0.00
78) Terphenyl-d14	13.62	244	875988	87.44	ng	-0.15

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	20519	17.68	ng	97
3) Pyridine	4.14	79	45142	15.18	ng	94
4) n-Nitrosodimethylamine	4.02	42	28882	19.70	ng	97
6) Aniline	7.03	93	113608	22.59	ng	95
8) 2-Chlorophenol	7.16	128	119698	38.60	ng	91
9) Benzaldehyde	6.92	77	8328	4.17	ng	85
10) Phenol	6.99	94	57456	15.03	ng	94
11) bis(2-Chloroethyl)ether	7.10	93	135568	44.07	ng	87
12) 1,3-Dichlorobenzene	7.32	146	136653m	37.78	ng	
13) 1,4-Dichlorobenzene	7.39	146	144824	38.55	ng	94
14) 1,2-Dichlorobenzene	7.55	146	145393	43.57	ng	95
15) Benzyl Alcohol	7.50	79	86753	31.13	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.64	45	228948	50.25	ng	95
17) 2-Methylphenol	7.61	107	87082	32.15	ng	95
18) Hexachloroethane	7.90	117	39900	34.30	ng	# 83
19) n-Nitroso-di-n-propylamine	7.77	70	121097	48.76	ng	# 92
20) 3+4-Methylphenols	7.76	107	108073	31.22	ng	99
22) Acetophenone	7.77	105	208704	48.82	ng	# 88
24) Nitrobenzene	7.95	77	166590	57.09	ng	# 86
25) Isophorone	8.19	82	297572	46.61	ng	# 92
26) 2-Nitrophenol	8.27	139	61652	59.39	ng	# 81
27) 2,4-Dimethylphenol	8.30	122	138448	48.39	ng	94
28) bis(2-Chloroethoxy)methane	8.39	93	179948	47.47	ng	98
29) 2,4-Dichlorophenol	8.51	162	134551	56.15	ng	91
30) 1,2,4-Trichlorobenzene	8.60	180	128667	42.25	ng	98
31) Naphthalene	8.70	128	416274	42.07	ng	99
32) Benzoic acid	8.34	122	18354	22.05	ng	98
33) 4-Chloroaniline	8.73	127	170747	44.46	ng	# 92
34) Hexachlorobutadiene	8.81	225	70260	41.56	ng	96
35) Caprolactam	9.07	113	7574	9.99	ng	# 77
36) 4-Chloro-3-methylphenol	9.19	107	119470	43.64	ng	# 87
37) 2-Methylnaphthalene	9.38	142	286116	42.80	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	144456	41.21	ng	98
40) Hexachlorocyclopentadiene	9.54	237	60214	47.74	ng	97

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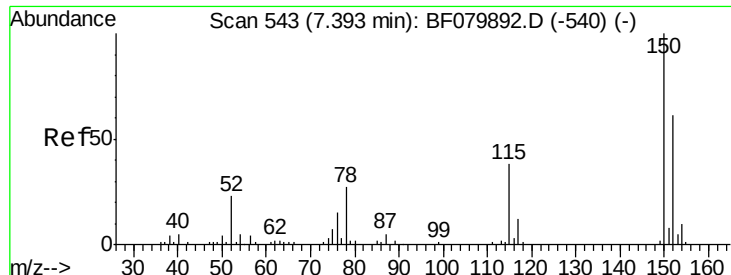
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	98311	45.52	ng	99
43) 2,4,5-Trichlorophenol	9.70	196	105262	44.15	ng #	90
45) 1,1'-Biphenyl	9.85	154	414266	48.91	ng	95
46) 2-Chloronaphthalene	9.88	162	305438	42.36	ng #	92
47) 2-Nitroaniline	9.96	65	83598	53.44	ng #	67
48) Acenaphthylene	10.31	152	481895	39.59	ng	98
49) Dimethylphthalate	10.14	163	406129	48.43	ng	98
50) 2,6-Dinitrotoluene	10.20	165	74638	48.66	ng #	69
51) Acenaphthene	10.48	154	311151	44.97	ng	95
52) 3-Nitroaniline	10.38	138	61293	33.81	ng #	75
53) 2,4-Dinitrophenol	10.48	184	34802	94.95	ng #	1
54) Dibenzofuran	10.65	168	478755	47.36	ng	93
55) 4-Nitrophenol	10.51	139	52961	40.87	ng	94
56) 2,4-Dinitrotoluene	10.60	165	92686	45.88	ng #	52
57) Fluorene	10.99	166	371319	42.14	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.76	232	97890	54.17	ng #	95
59) Diethylphthalate	10.84	149	383195	45.71	ng	95
60) 4-Chlorophenyl-phenylether	10.98	204	184382	46.86	ng #	84
61) 4-Nitroaniline	10.99	138	77089	40.01	ng	82
62) Azobenzene	11.14	77	368798	45.72	ng	86
64) 4,6-Dinitro-2-methylphenol	11.03	198	26945	56.59	ng	80
65) n-Nitrosodiphenylamine	11.10	169	325225	50.02	ng	98
66) 4-Bromophenyl-phenylether	11.47	248	111184	49.26	ng #	86
67) Hexachlorobenzene	11.55	284	116899	47.48	ng #	82
68) Atrazine	11.62	200	105720	52.83	ng	99
69) Pentachlorophenol	11.75	266	138212	115.85	ng	98
70) Phenanthrene	11.98	178	589120	49.08	ng	99
71) Anthracene	12.02	178	574877	49.49	ng	99
72) Carbazole	12.17	167	528980	46.95	ng	98
73) Di-n-butylphthalate	12.50	149	645412	52.59	ng	100
74) Fluoranthene	13.22	202	654062	49.29	ng	98
77) Pyrene	13.47	202	668380	46.07	ng	99
79) Butylbenzylphthalate	14.15	149	289157	59.03	ng #	80
80) Benzo(a)anthracene	14.86	228	674671m	46.00	ng	
81) 3,3'-Dichlorobenzidine	14.80	252	113009m	24.10	ng	
82) Chrysene	14.90	228	642990m	49.71	ng	
83) Bis(2-ethylhexyl)phthalate	14.82	149	444446m	56.69	ng	
84) Di-n-octyl phthalate	15.61	149	772680m	60.43	ng	
85) Indeno(1,2,3-cd)pyrene	18.64	276	773769m	50.38	ng	
87) Benzo(b)fluoranthene	16.19	252	733362m	51.80	ng	
88) Benzo(k)fluoranthene	16.23	252	629362m	43.59	ng	
89) Benzo(a)pyrene	16.66	252	666892m	49.53	ng	
90) Dibenzo(a,h)anthracene	18.66	278	647932m	48.96	ng	
91) Benzo(g,h,i)perylene	19.21	276	660075m	48.20	ng	

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



#1

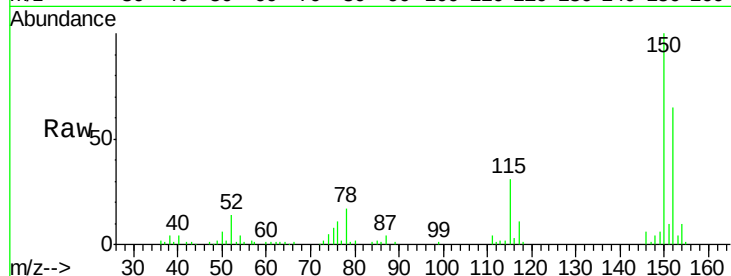
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

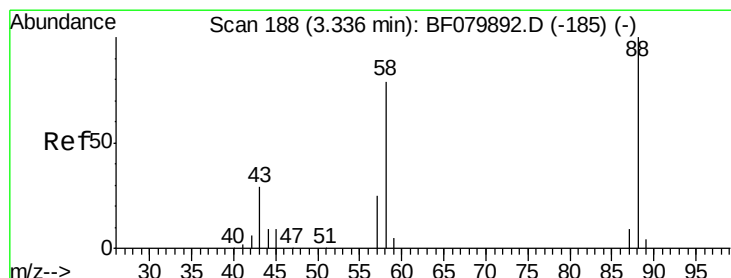
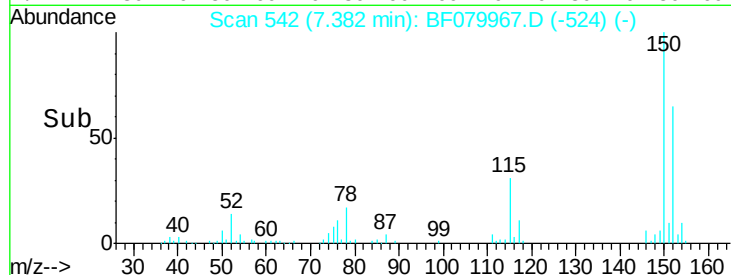
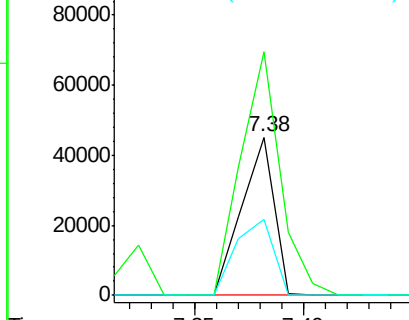
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	131.0	196.4
115	48.5	49.8	74.6

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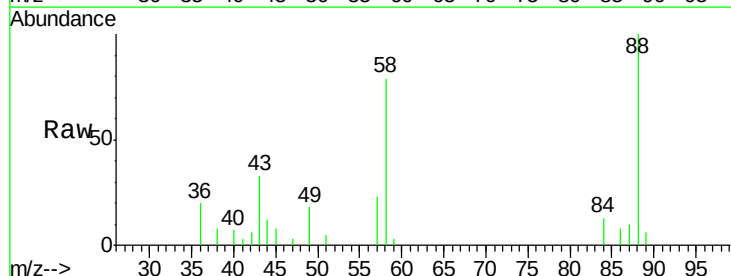
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



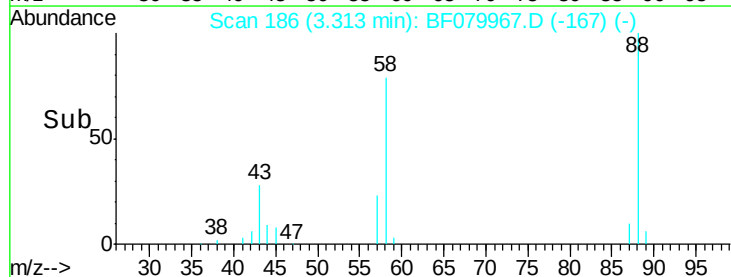
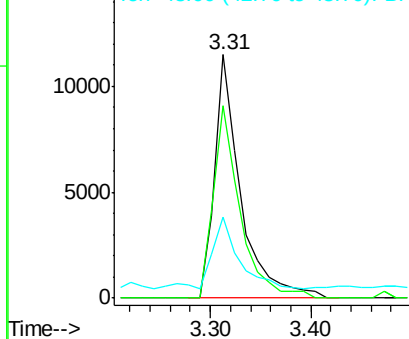
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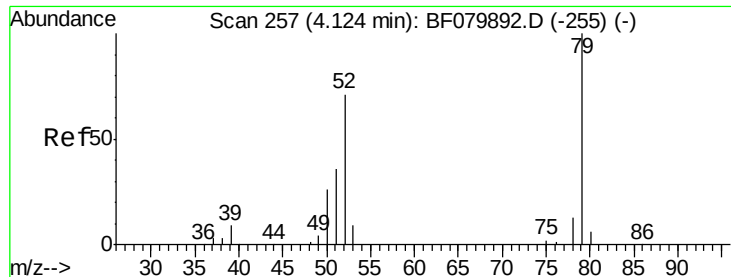
1,4-Dioxane
Concen: 17.68 ng
RT: 3.31 min Scan# 186
Delta R.T. 0.01 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	63.0	94.4
43	30.4	23.2	34.8



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

Pyridine

Concen: 15.18 ng

RT: 4.14 min Scan# 258

Delta R.T. 0.05 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

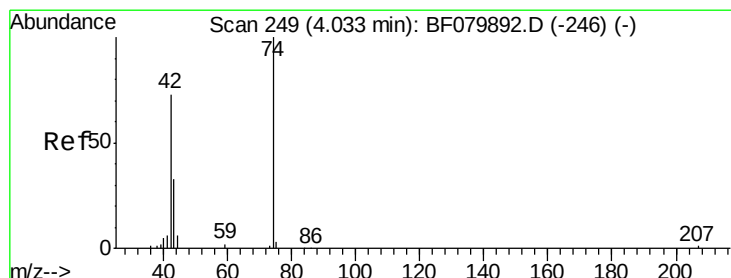
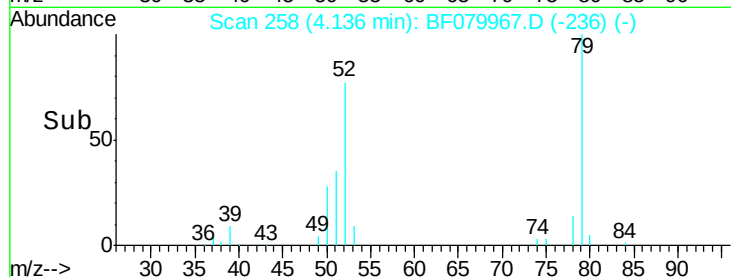
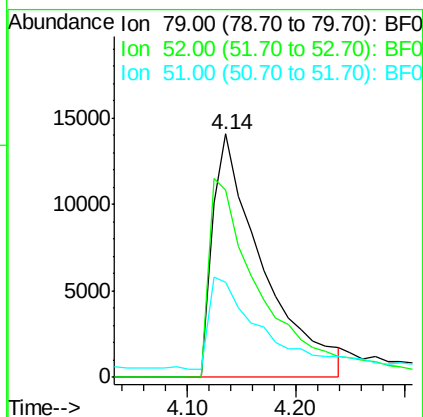
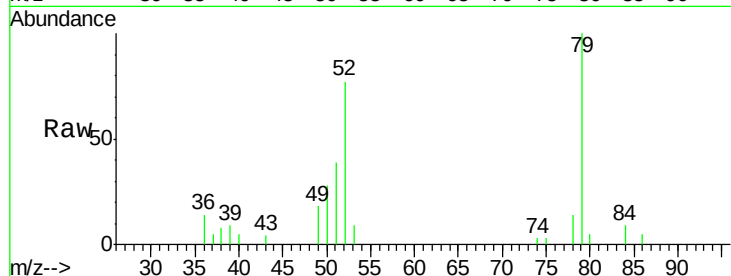
ClientSampleId :

PZ-1-6-4-15MSD

Tgt Ion:	79	Resp:	45142
Ion Ratio	Lower	Upper	
79	100		
52	76.7	56.7	85.1
51	39.2	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 19.70 ng

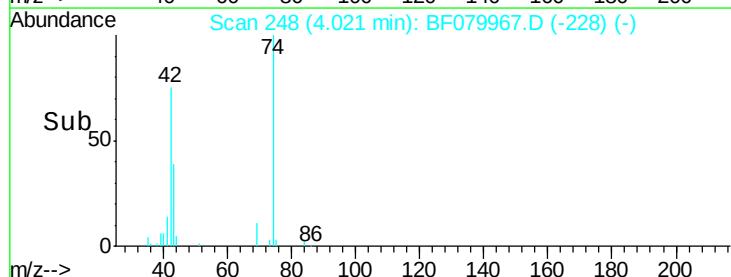
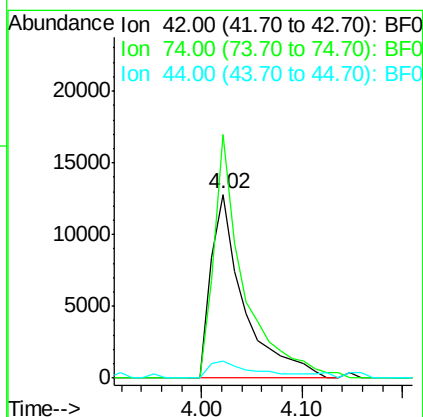
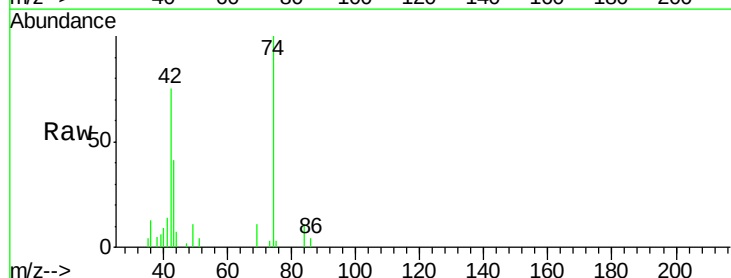
RT: 4.02 min Scan# 248

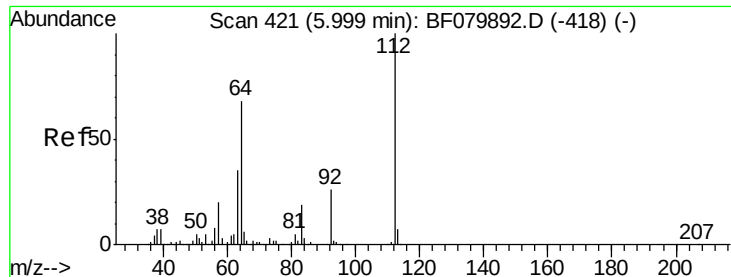
Delta R.T. 0.02 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion:	42	Resp:	28882
Ion Ratio	Lower	Upper	
42	100		
74	132.5	109.0	163.6
44	9.1	7.7	11.5





#5

2-Fluorophenol

Concen: 71.56 ng

RT: 5.99 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

ClientSampleId :

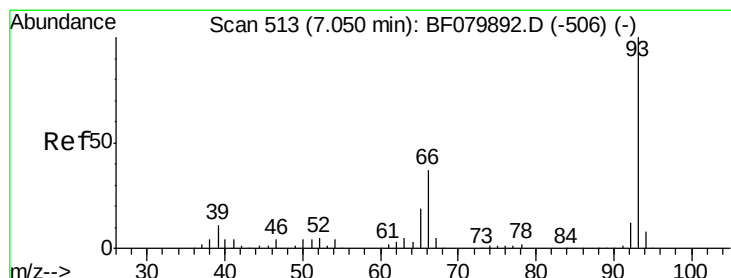
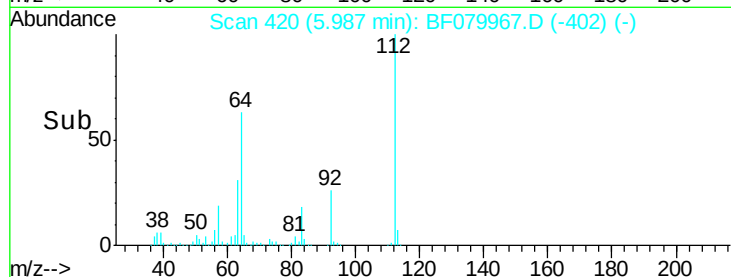
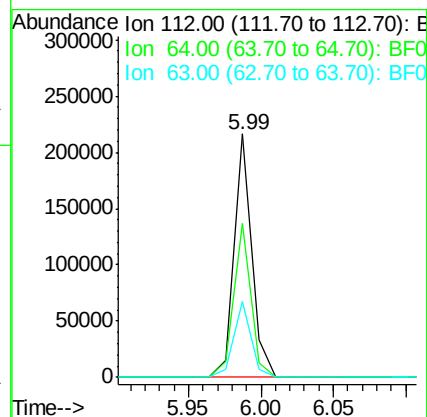
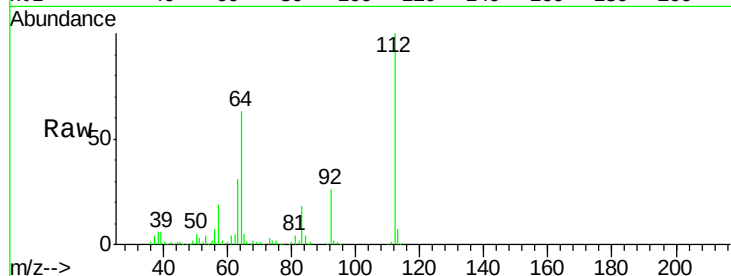
PZ-1-6-4-15MSD

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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	182560		
64	63.4	54.5	81.7	
63	31.3	27.9	41.9	



#6

Aniline

Concen: 22.59 ng

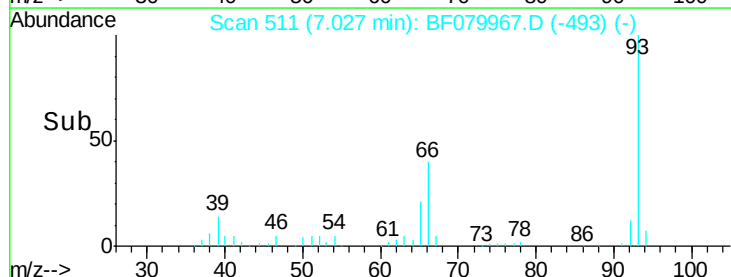
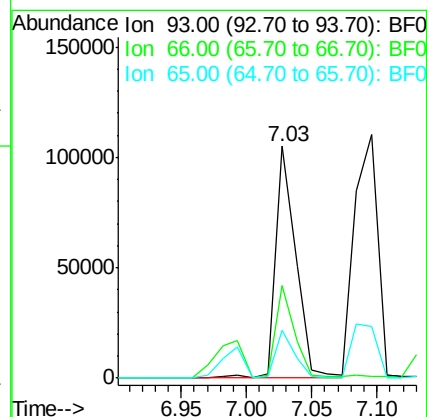
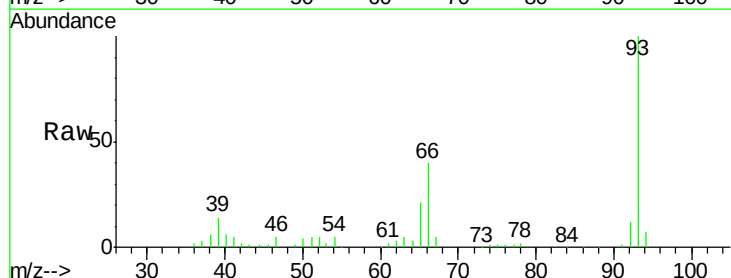
RT: 7.03 min Scan# 511

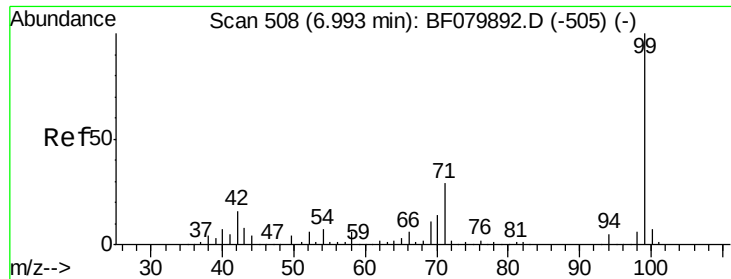
Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	113608		
66	40.1	29.4	44.0	
65	20.8	14.9	22.3	





#7

Phenol-d6

Concen: 43.90 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

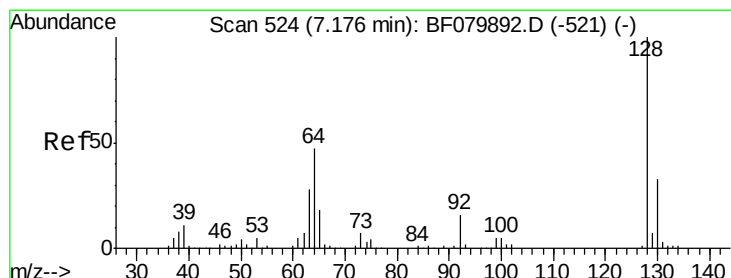
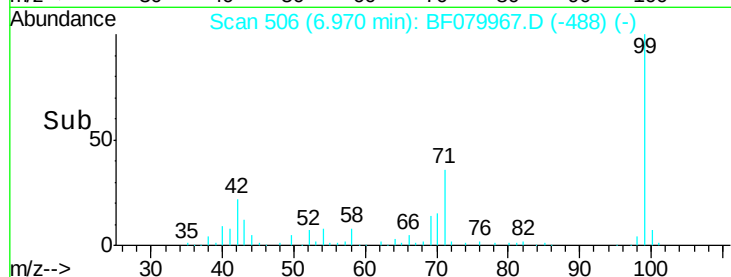
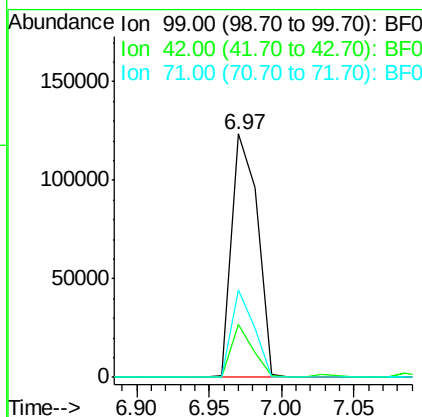
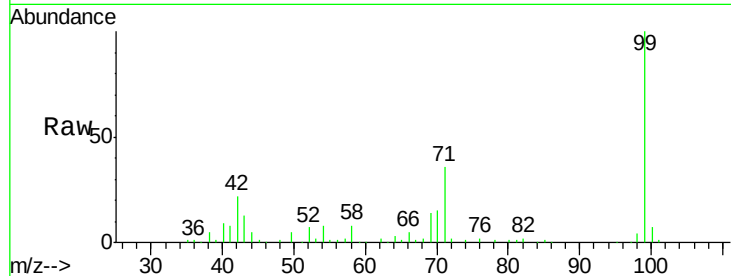
ClientSampleId :

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Tgt Ion:	99	Resp:	152592
Ion Ratio	Lower	Upper	
99	100		
42	21.7	12.9	19.3#
71	36.1	23.4	35.2#

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#8

2-Chlorophenol

Concen: 38.60 ng

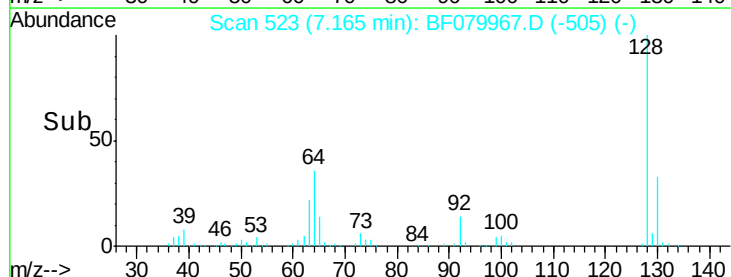
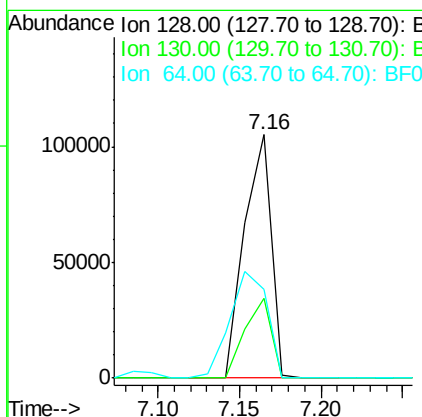
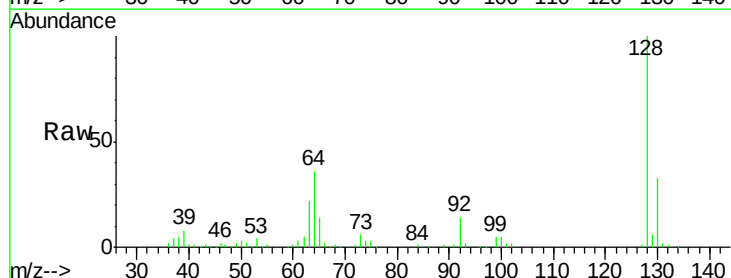
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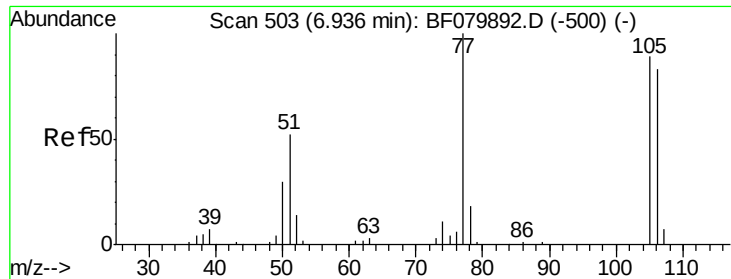
Delta R.T. 0.00 min

Lab File: BF079967.D

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Tgt Ion:	128	Resp:	119698
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.1	53.1
64	36.4	26.8	66.8





#9

Benzaldehyde

Concen: 4.17 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

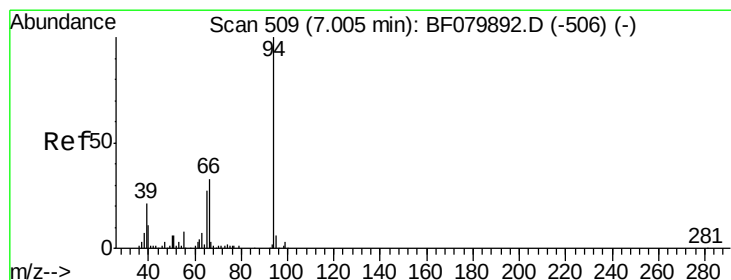
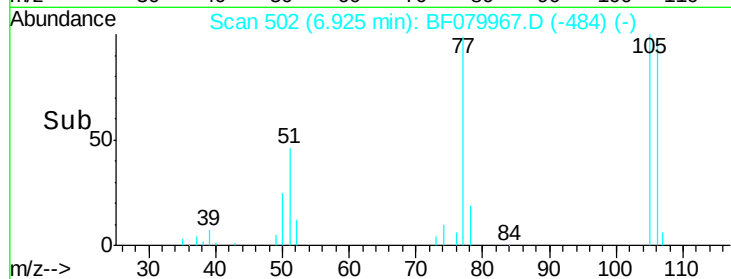
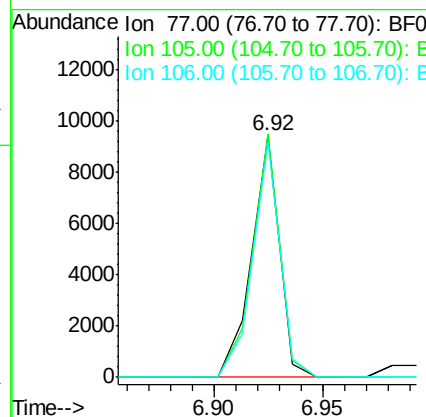
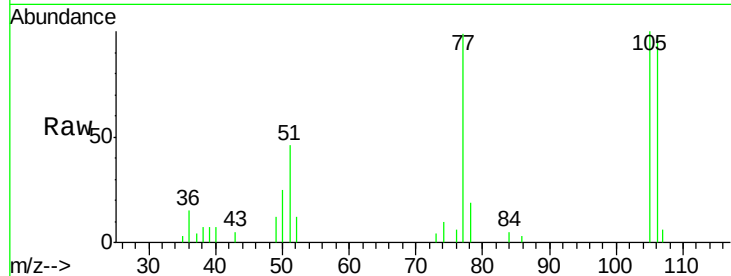
ClientSampleId :

PZ-1-6-4-15MSD

Tgt Ion:	77	Resp:	8328
Ion	Ratio	Lower	Upper
77	100		
105	100.9	68.6	108.6
106	98.0	63.3	103.3

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#10

Phenol

Concen: 15.03 ng

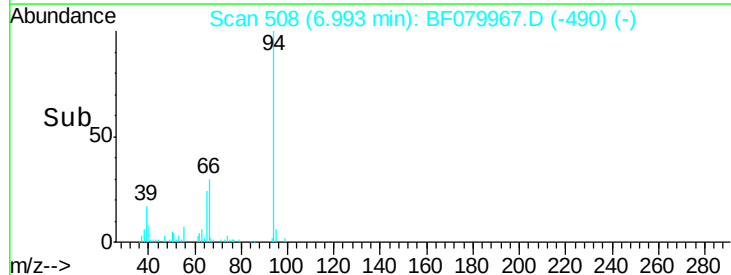
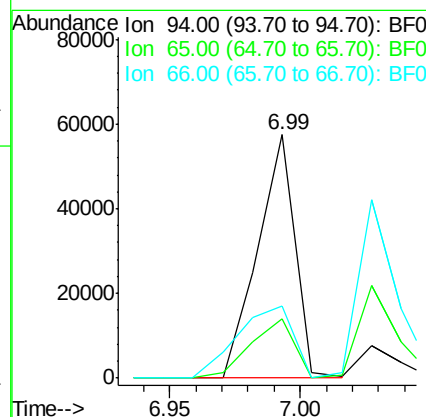
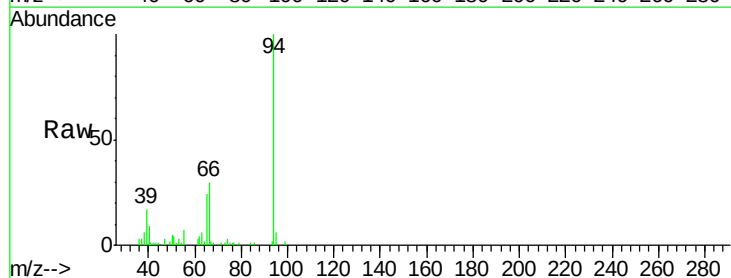
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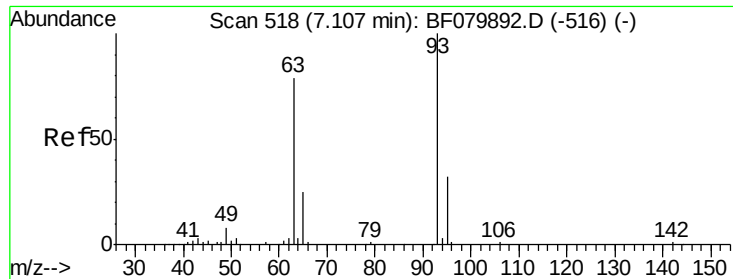
Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion:	94	Resp:	57456
Ion	Ratio	Lower	Upper
94	100		
65	24.1	7.0	47.0
66	29.7	13.3	53.3





#11

bis(2-Chloroethyl)ether

Concen: 44.07 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

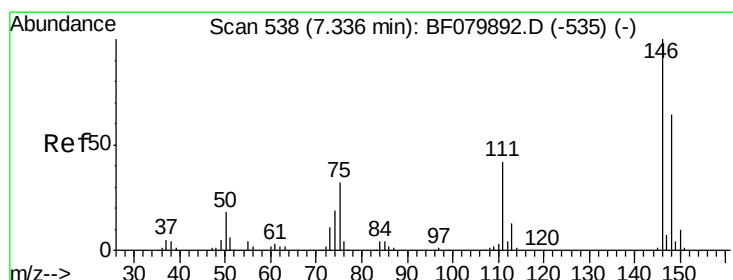
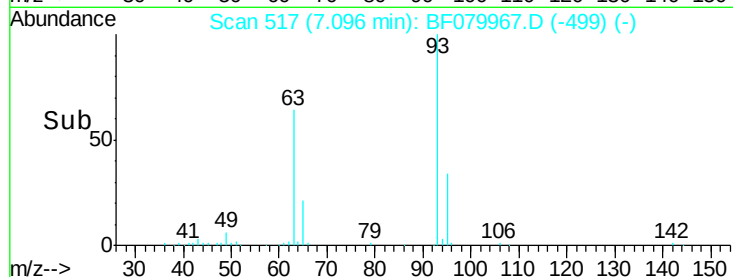
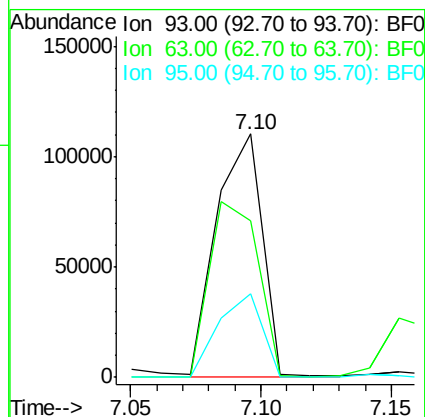
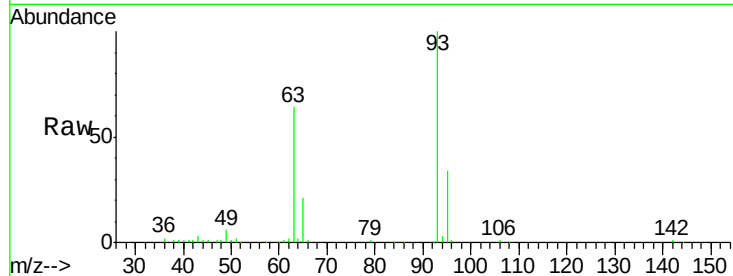
ClientSampleId :

PZ-1-6-4-15MSD

Tgt Ion:	93	Resp:	135568
Ion Ratio	Lower	Upper	
93	100		
63	64.5	58.7	98.7
95	34.4	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 37.78 ng m

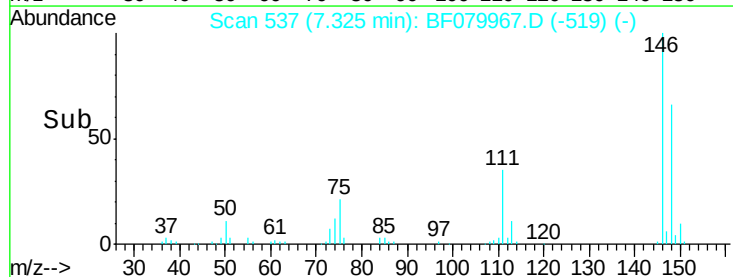
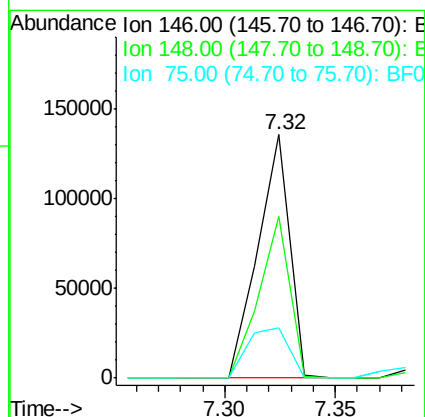
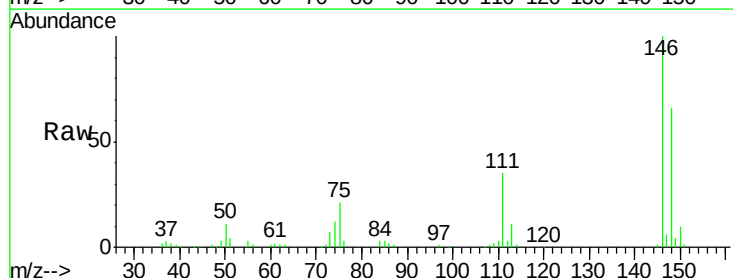
RT: 7.32 min Scan# 537

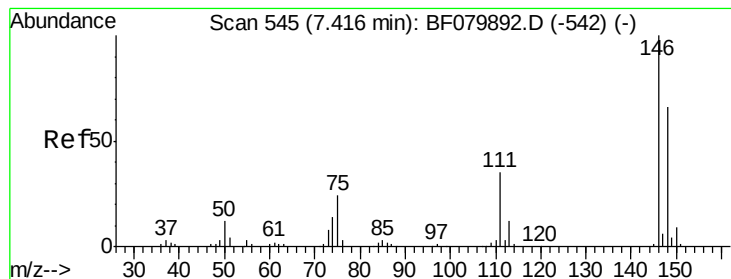
Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion:	146	Resp:	136653
Ion Ratio	Lower	Upper	
146	100		
148	66.2	50.9	76.3
75	20.7	25.8	38.6#





#13

1,4-Dichlorobenzene

Concen: 38.55 ng

RT: 7.39 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

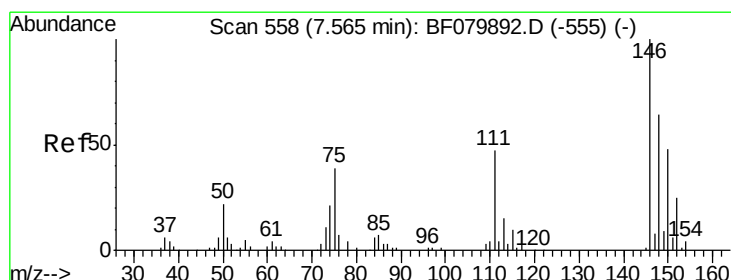
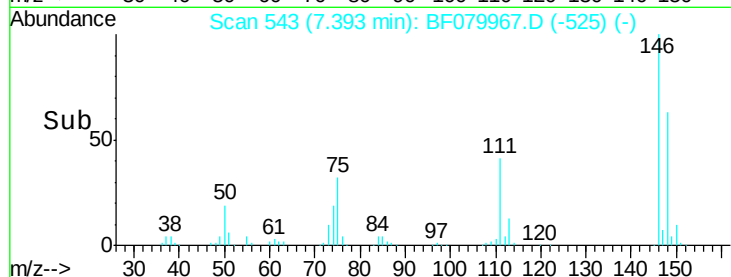
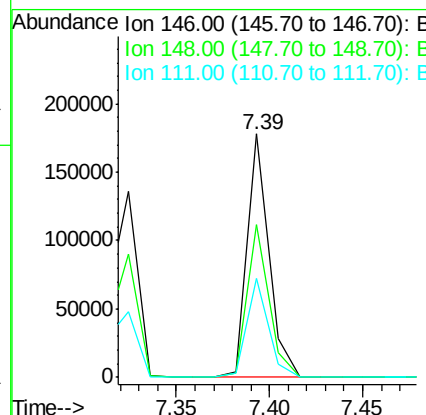
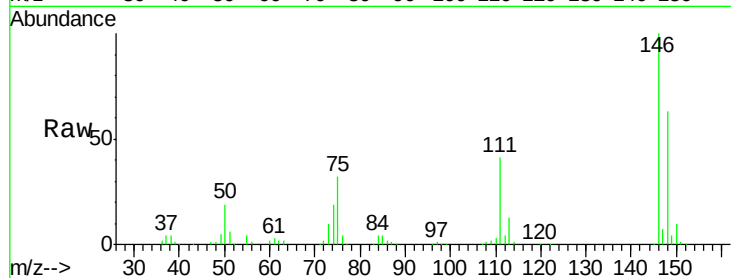
ClientSampleId :

PZ-1-6-4-15MSD

Tgt Ion:	146	Resp:	144824
Ion Ratio	Lower	Upper	
146	100		
148	62.8	53.0	79.6
111	40.9	28.2	42.2

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#14

1,2-Dichlorobenzene

Concen: 43.57 ng

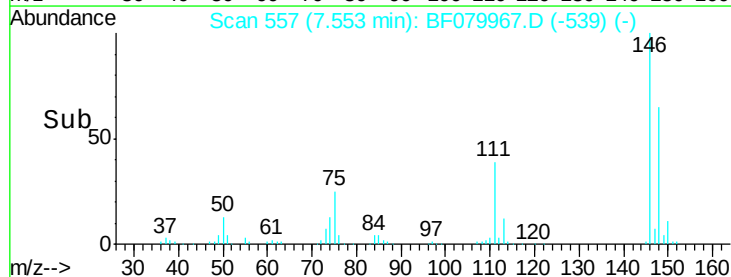
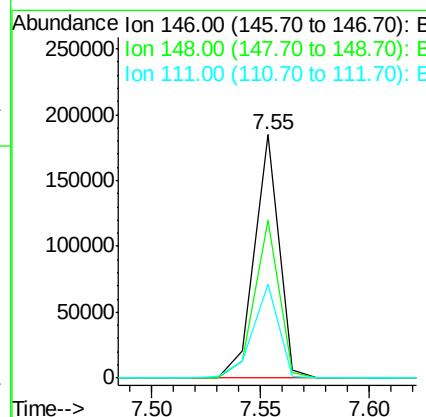
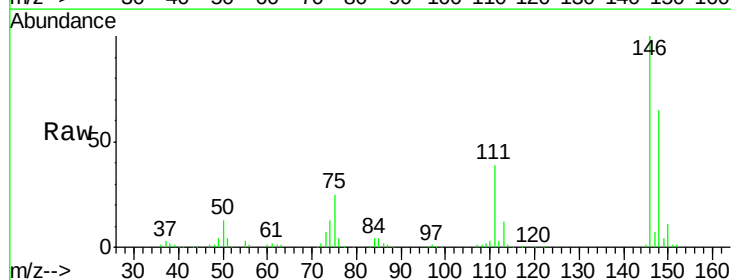
RT: 7.55 min Scan# 557

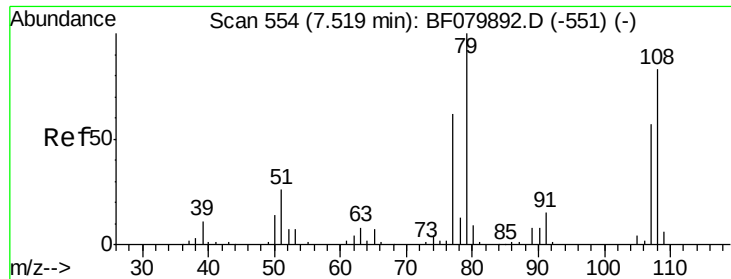
Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion:	146	Resp:	145393
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.2	76.8
111	38.7	37.3	55.9





#15

Benzyl Alcohol

Concen: 31.13 ng

RT: 7.50 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

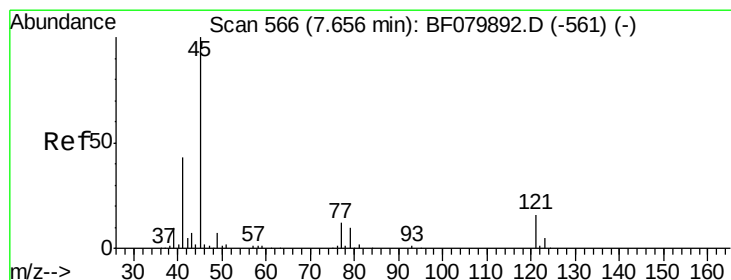
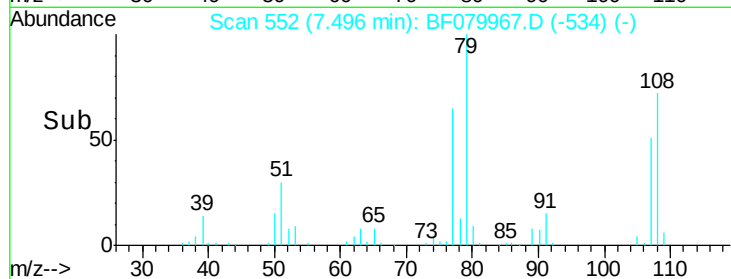
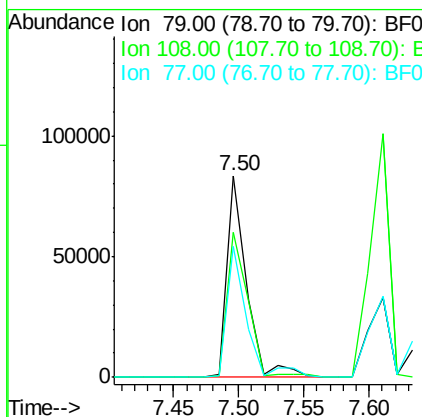
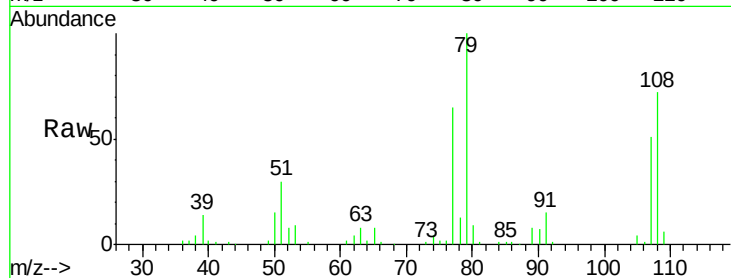
ClientSampleId :

PZ-1-6-4-15MSD

Tgt Ion:	79	Resp:	86753
Ion Ratio	Lower	Upper	
79	100		
108	71.8	66.4	99.6
77	65.3	49.4	74.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.25 ng

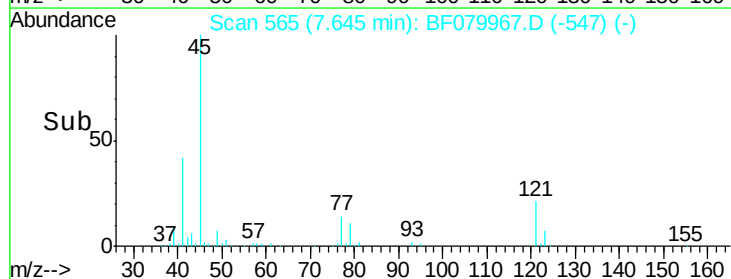
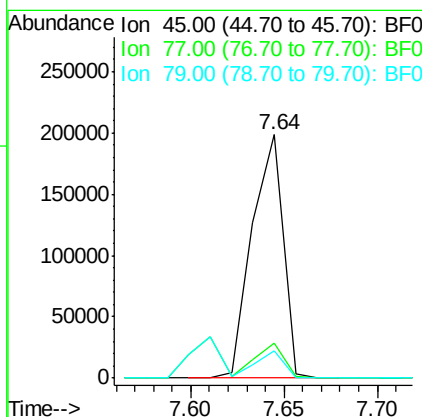
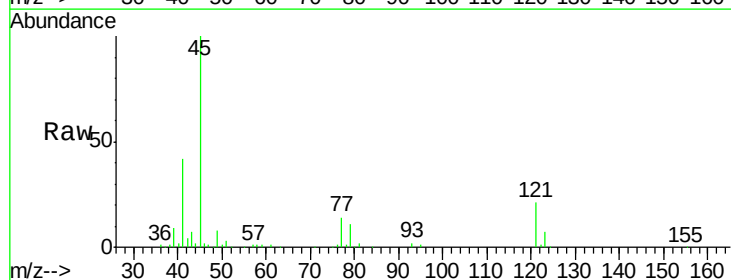
RT: 7.64 min Scan# 565

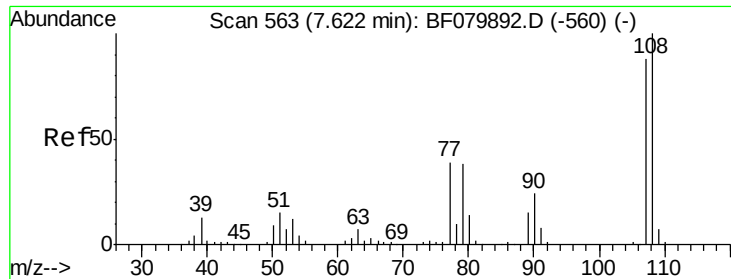
Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion:	45	Resp:	228948
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	31.9
79	11.0	0.0	29.6





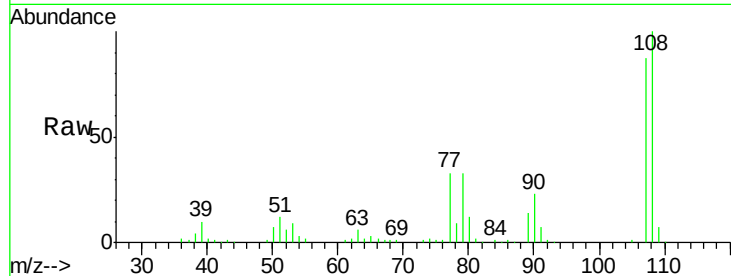
#17
2-Methylphenol
Concen: 32.15 ng
RT: 7.61 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Tgt Ion:	107	Resp:	87082
Ion Ratio	Lower	Upper	
107	100		
108	114.7	90.8	136.2
77	38.2	35.4	53.2
79	37.8	34.7	52.1

Manual Integrations
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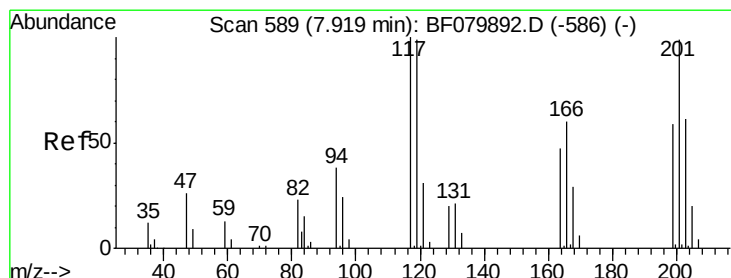
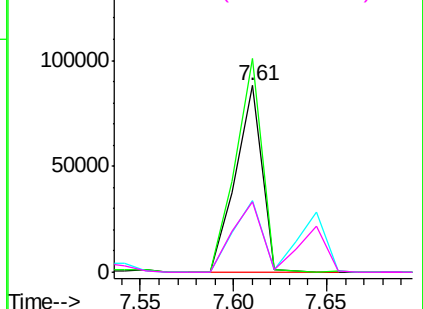
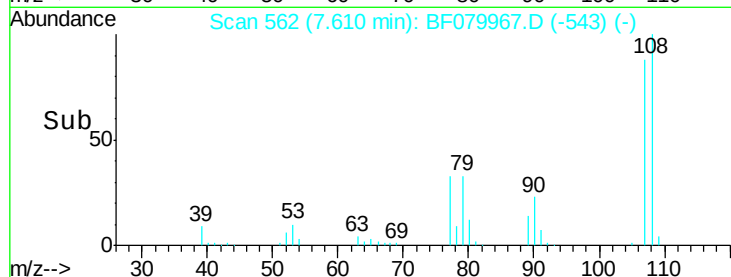
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

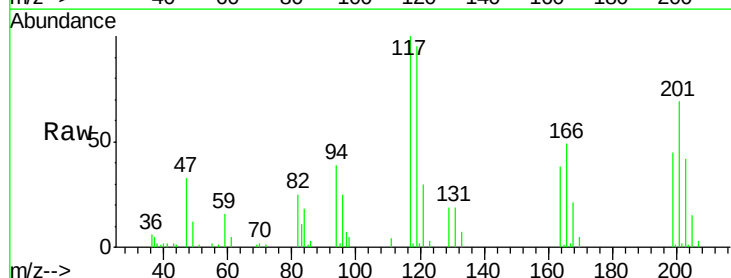
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 34.30 ng
RT: 7.90 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion:	117	Resp:	39900
Ion Ratio	Lower	Upper	
117	100		
119	94.8	79.0	118.6
201	69.0	79.0	118.6#

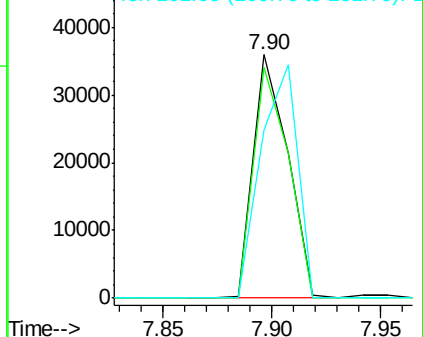
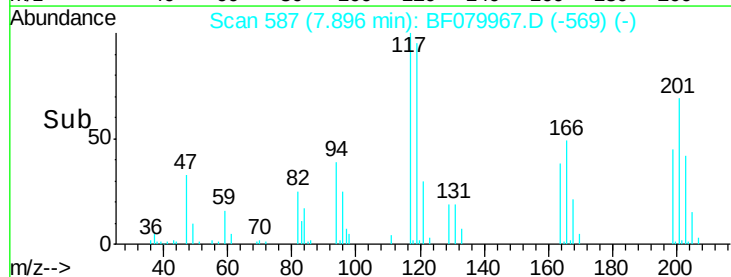


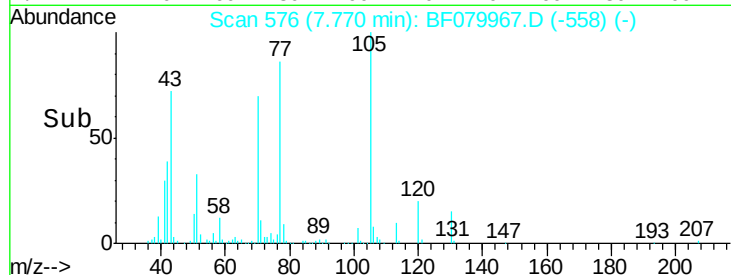
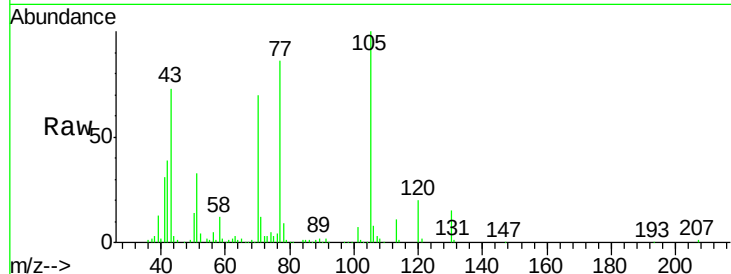
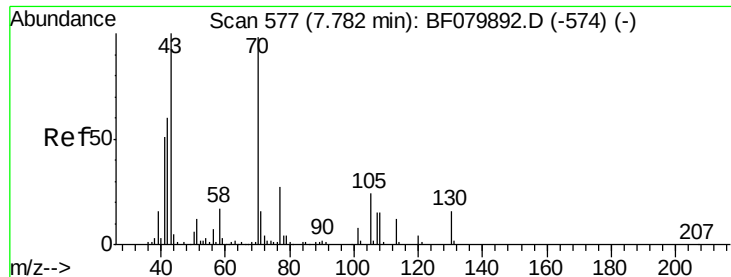
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





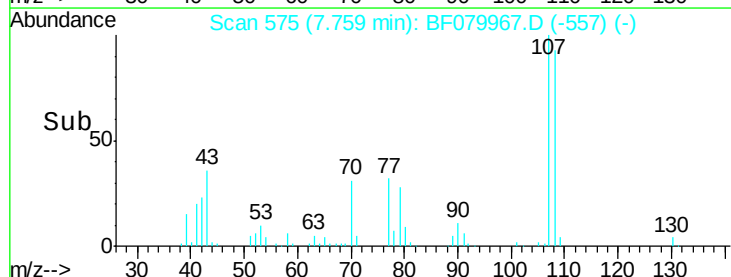
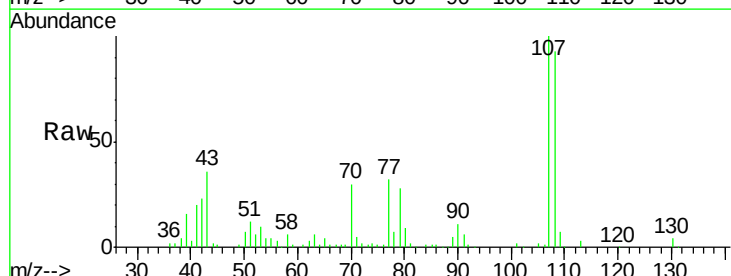
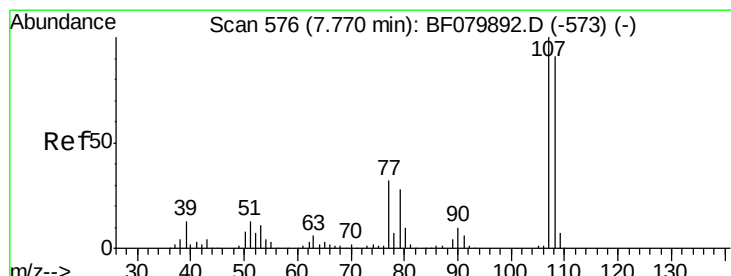
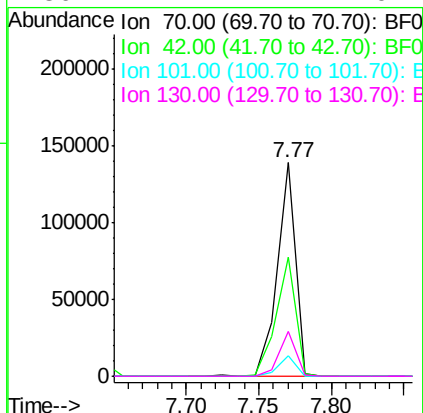
#19
n-Nitroso-di-n-propylamine
Concen: 48.76 ng
RT: 7.77 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.0	49.0	73.4
101	9.5	6.6	9.8
130	21.1	12.7	19.1#

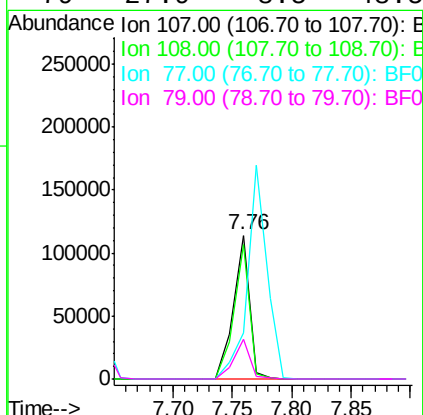
Manual Integrations
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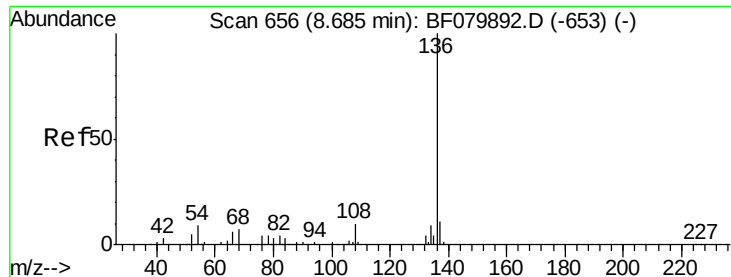
apatel
6/15/2015 1:00:42 PM



#20
3+4-Methylphenols
Concen: 31.22 ng
RT: 7.76 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	71.1	111.1
77	32.2	12.2	52.2
79	27.9	8.5	48.5





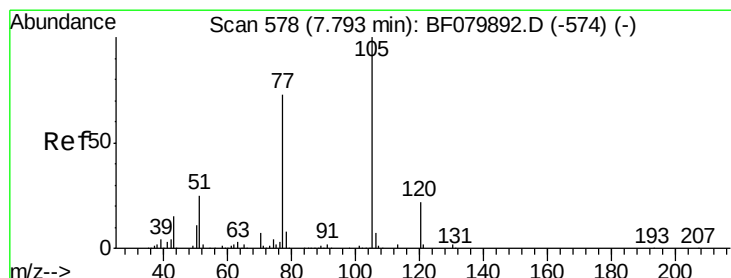
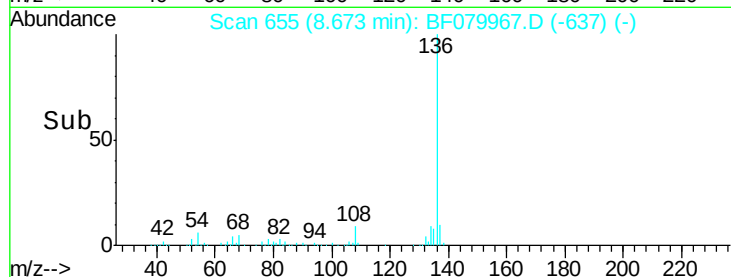
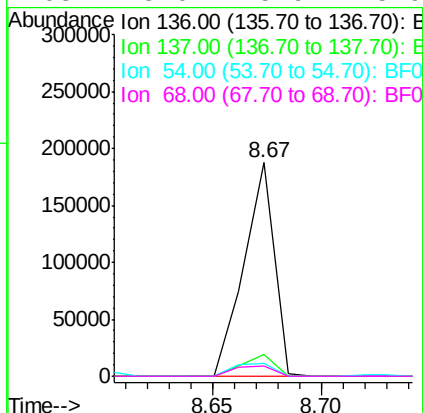
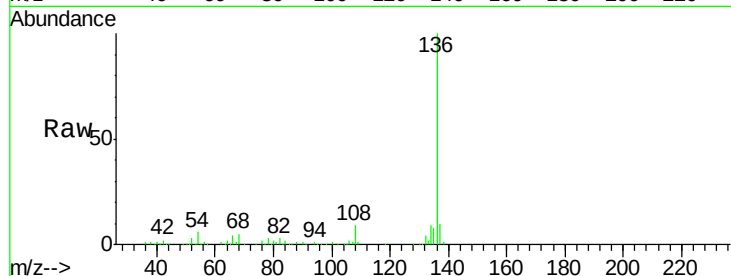
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.3	8.7	13.1
54	5.8	7.3	10.9
68	5.0	5.9	8.9

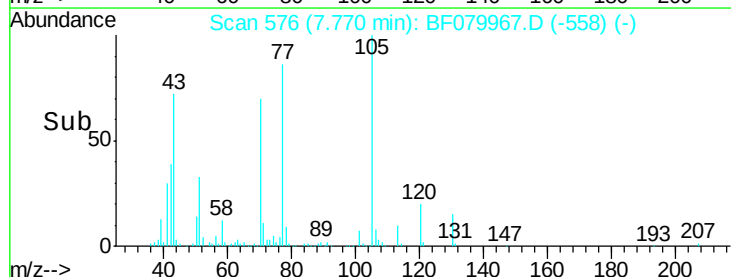
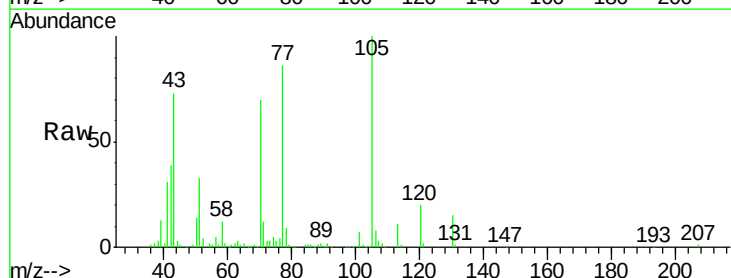
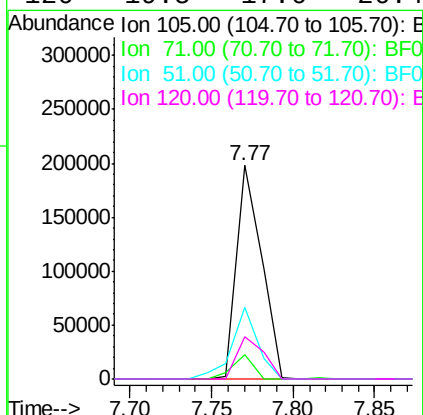
Manual Integrations
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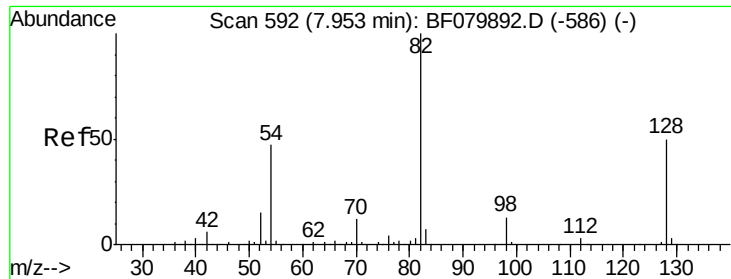
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#22
Acetophenone
Concen: 48.82 ng
RT: 7.77 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	11.5	1.0	1.4
51	33.5	19.8	29.6
120	19.5	17.6	26.4





#23

Nitrobenzene-d5

Concen: 103.47 ng

RT: 7.93 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

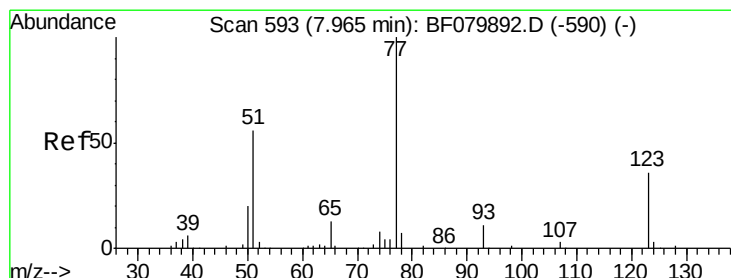
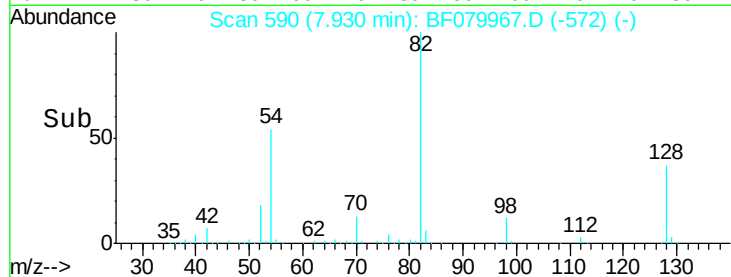
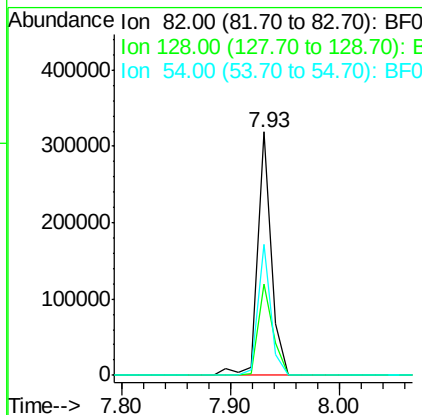
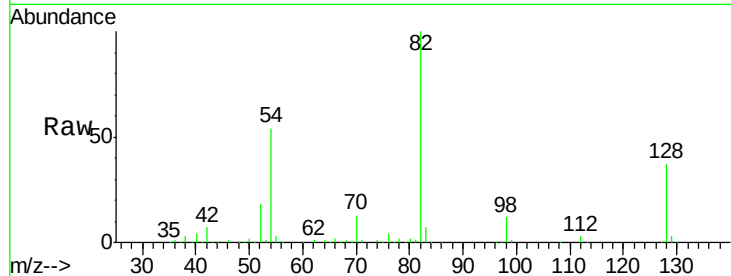
ClientSampleId :

PZ-1-6-4-15MSD

Tgt Ion:	82	Resp:	283846
Ion Ratio	Lower	Upper	
82	100		
128	37.5	40.3	60.5#
54	53.8	38.0	57.0

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#24

Nitrobenzene

Concen: 57.09 ng

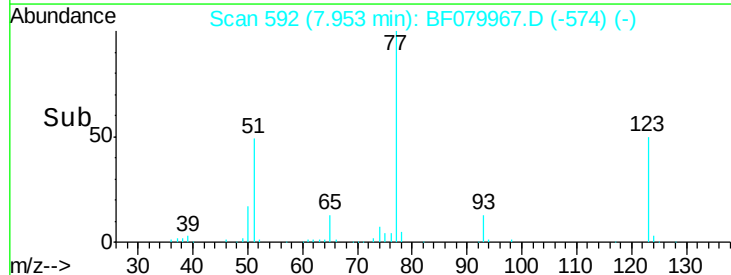
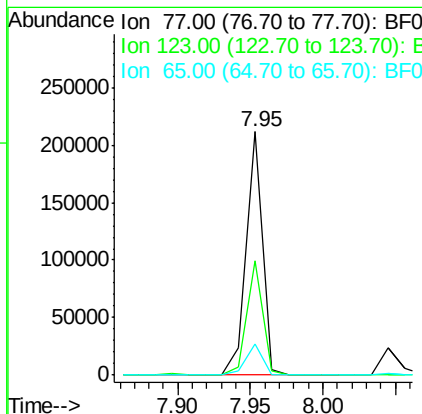
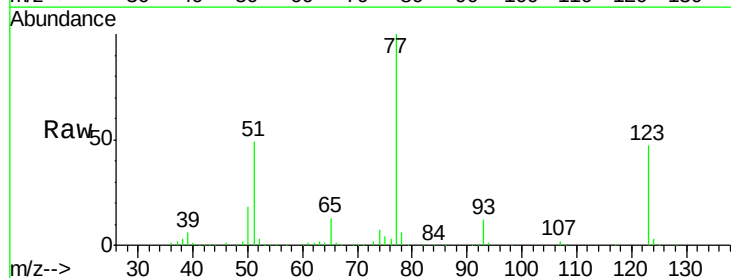
RT: 7.95 min Scan# 592

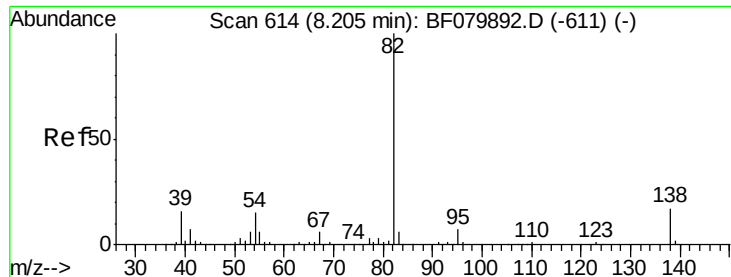
Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion:	77	Resp:	166590
Ion Ratio	Lower	Upper	
77	100		
123	46.9	28.8	43.2#
65	12.8	10.3	15.5





#25

Isophorone

Concen: 46.61 ng

RT: 8.19 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

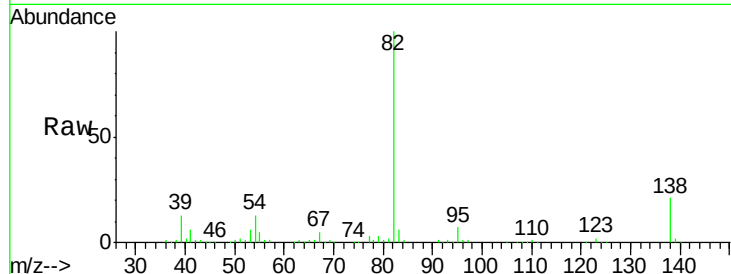
ClientSampleId :

PZ-1-6-4-15MSD

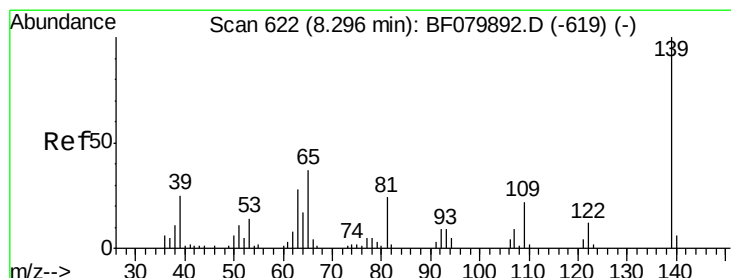
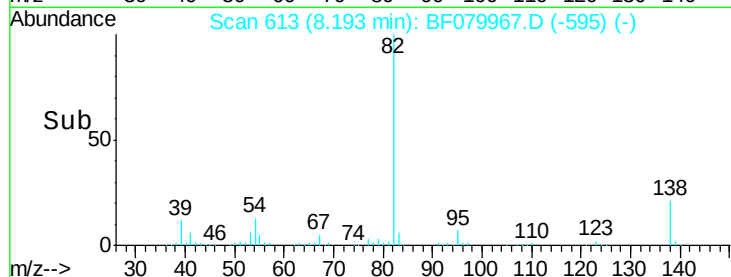
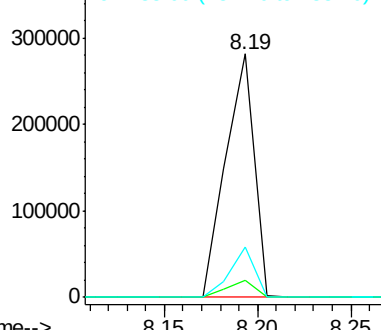
Tgt Ion	82	95	138
Ratio	100	7.0	20.8
Resp	297572	5.2	13.3
Lower		5.2	13.3
Upper		7.8	19.9

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF079892.D (-611) (-)



#26

2-Nitrophenol

Concen: 59.39 ng

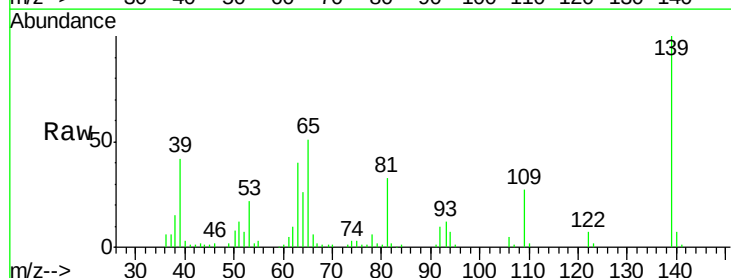
RT: 8.27 min Scan# 620

Delta R.T. 0.00 min

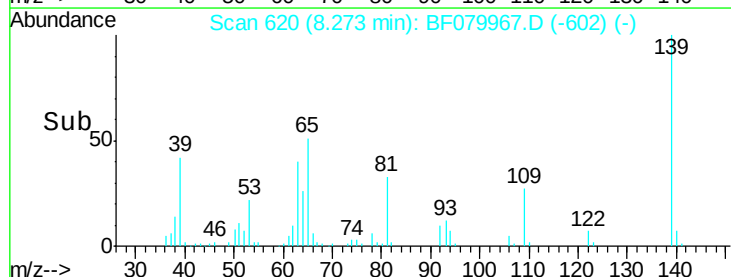
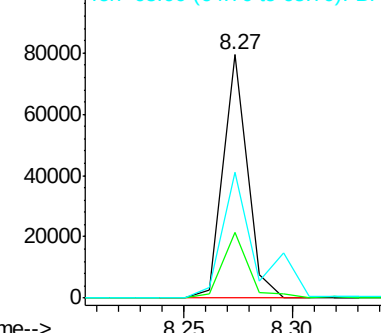
Lab File: BF079967.D

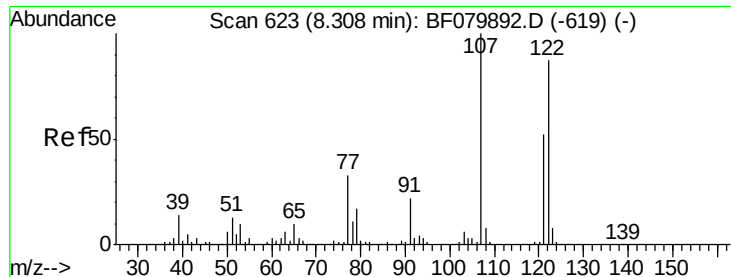
Acq: 13 Jun 2015 9:12

Tgt Ion	139	109	65
Ratio	100	27.1	51.5
Resp	61652	17.8	29.4
Lower		17.8	29.4
Upper		26.6	44.0



Abundance Ion 139.00 (138.70 to 139.70): BF079892.D (-619) (-)





#27

2,4-Dimethylphenol

Concen: 48.39 ng

RT: 8.30 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

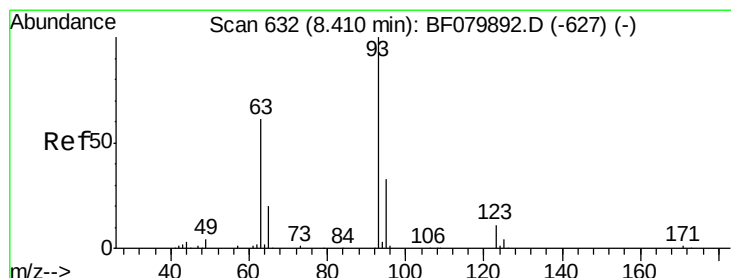
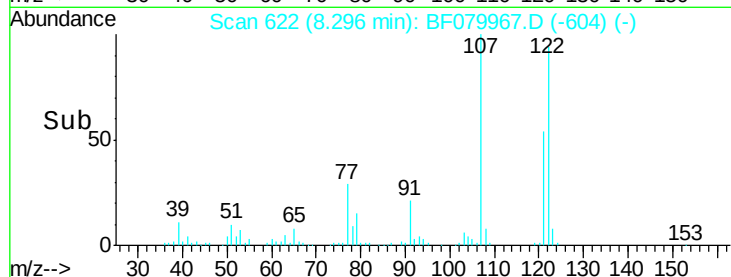
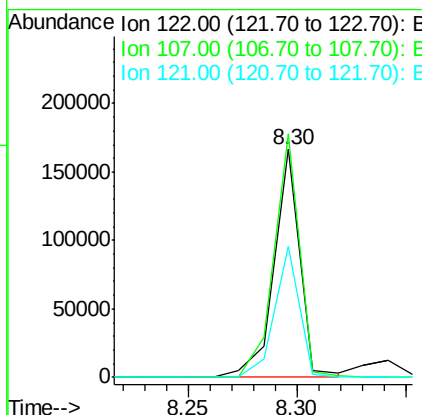
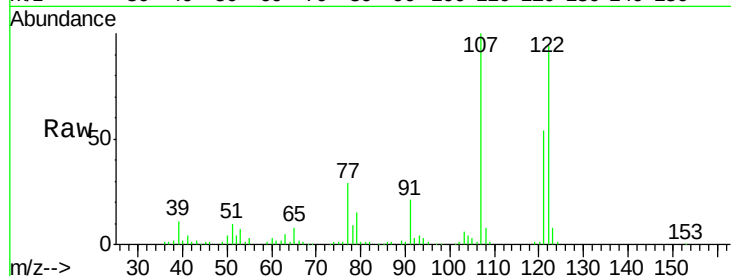
ClientSampleId :

PZ-1-6-4-15MSD

Tgt Ion:	122	Resp:	138448
Ion Ratio	Lower	Upper	
122	100		
107	106.8	91.7	137.5
121	57.2	47.8	71.6

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#28

bis(2-Chloroethoxy)methane

Concen: 47.47 ng

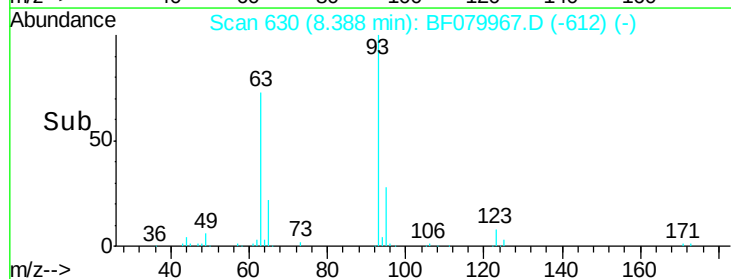
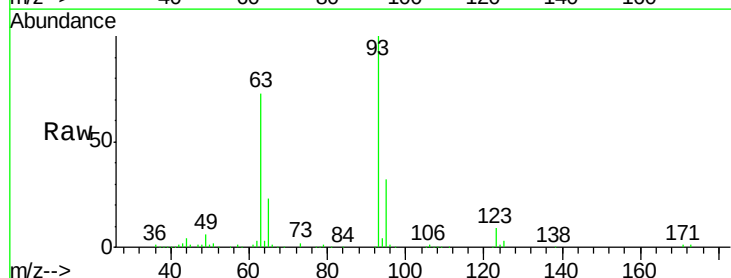
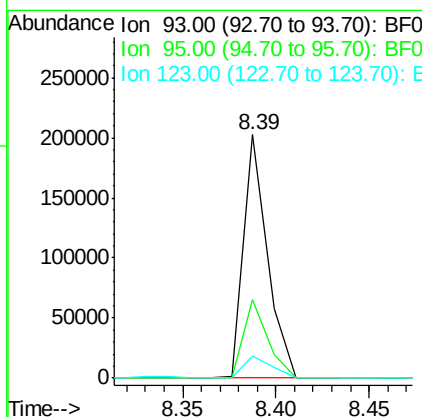
RT: 8.39 min Scan# 630

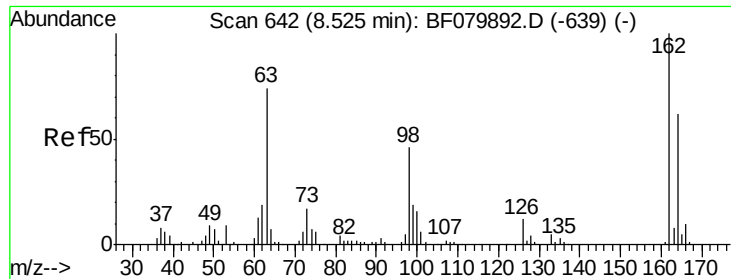
Delta R.T. 0.00 min

Lab File: BF079967.D

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Tgt Ion:	93	Resp:	179948
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.1	39.1
123	9.2	8.9	13.3





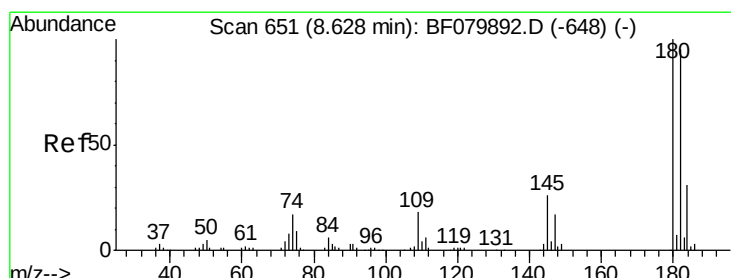
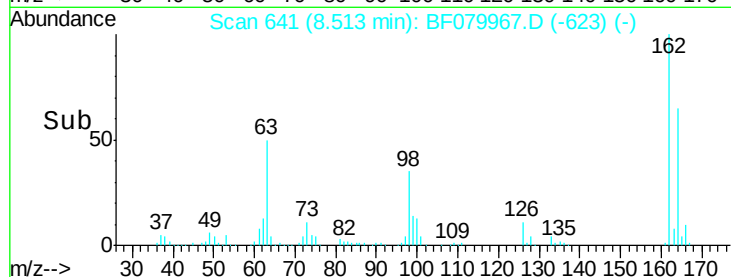
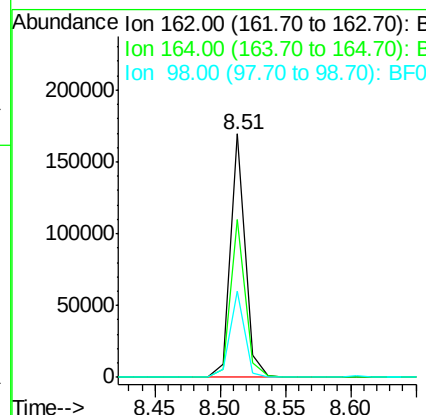
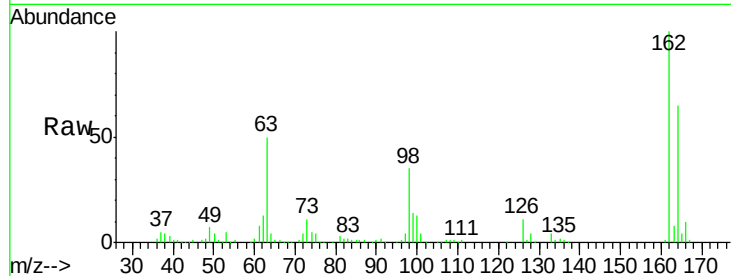
#29
2,4-Dichlorophenol
Concen: 56.15 ng
RT: 8.51 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.7	42.2	82.2
98	35.4	26.0	66.0

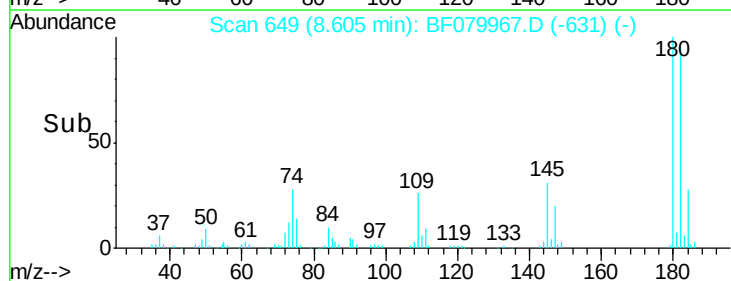
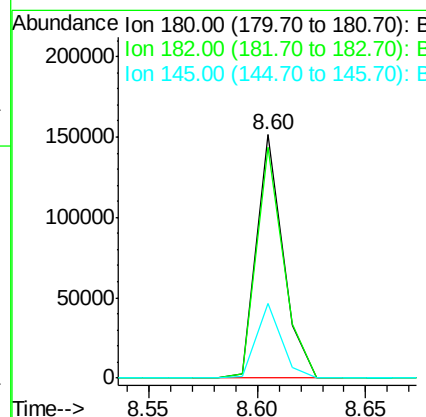
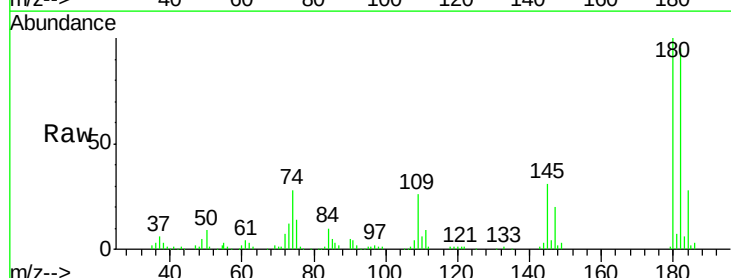
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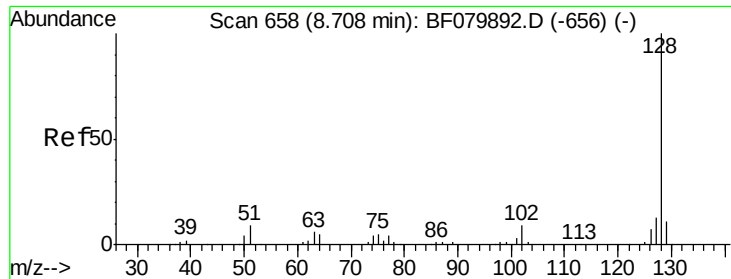
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#30
1,2,4-Trichlorobenzene
Concen: 42.25 ng
RT: 8.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	75.7	113.5
145	30.9	21.1	31.7





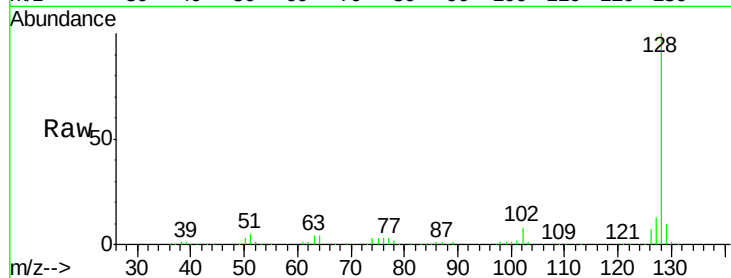
#31
Naphthalene
Concen: 42.07 ng
RT: 8.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

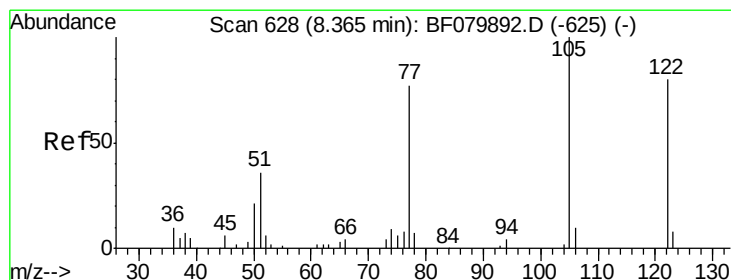
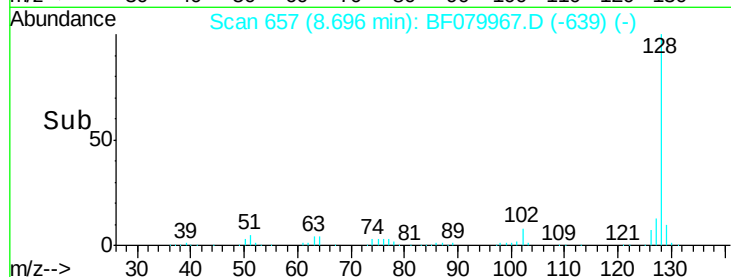
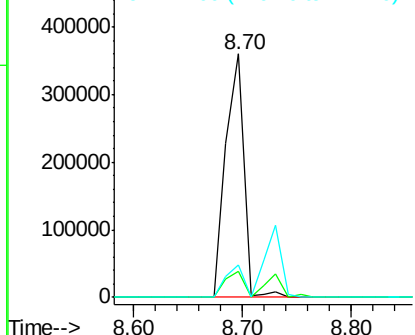
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	416274		
129	10.5	8.8	13.2	
127	13.1	10.5	15.7	

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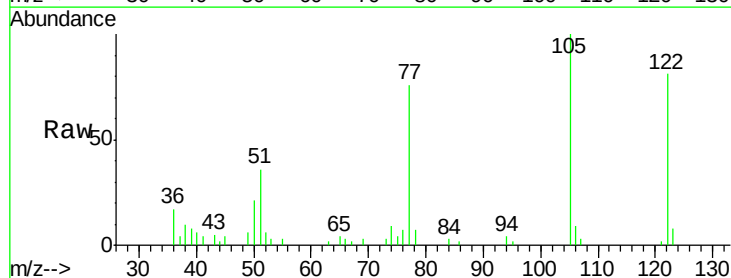


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

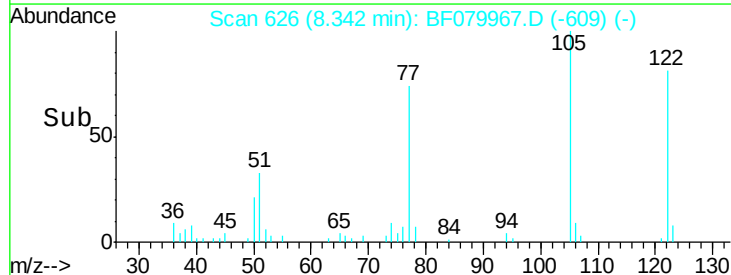
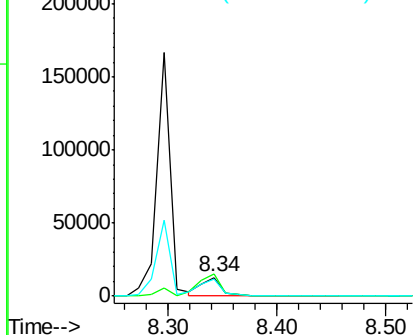


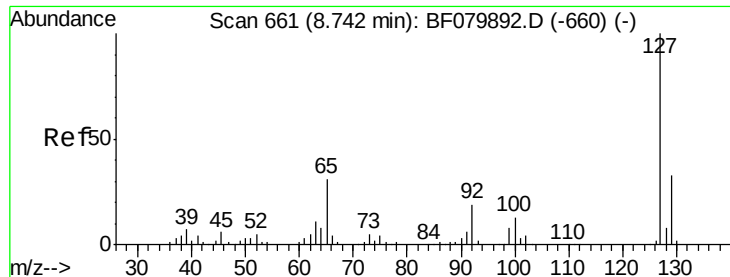
#32
Benzoic acid
Concen: 22.05 ng
RT: 8.34 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	18354		
105	123.2	102.7	142.7	
77	94.2	77.1	117.1	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





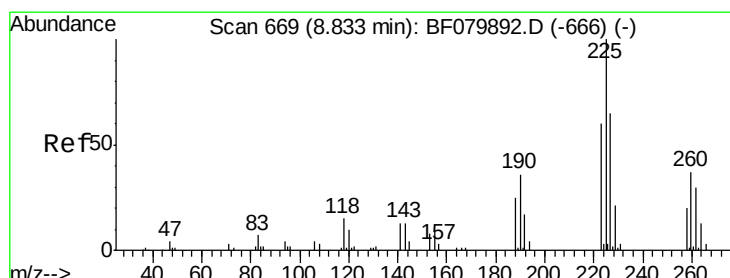
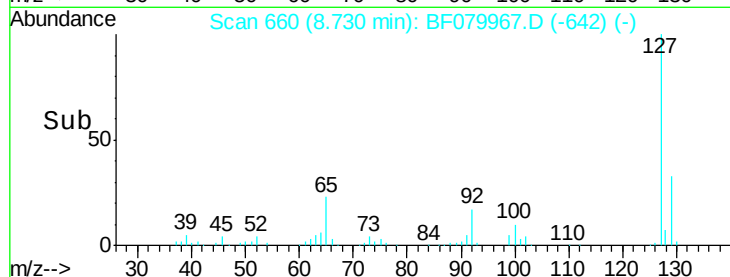
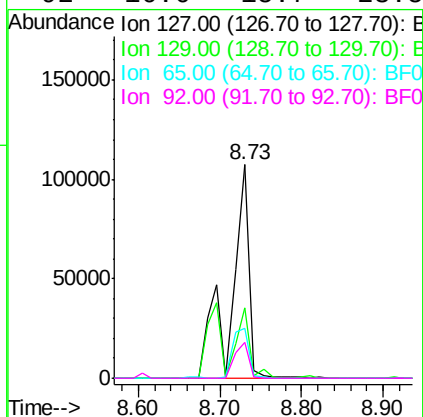
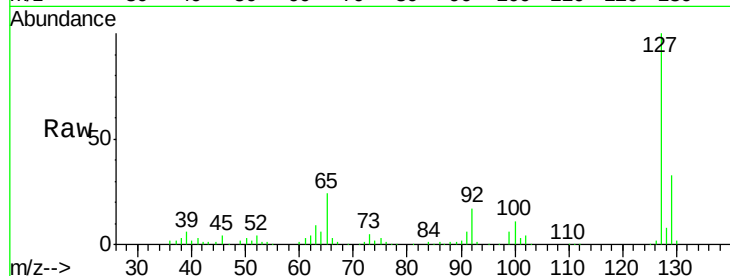
#33
4-Chloroaniline
Concen: 44.46 ng
RT: 8.73 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.0	26.1	39.1
65	23.5	25.5	38.3
92	16.6	15.7	23.5

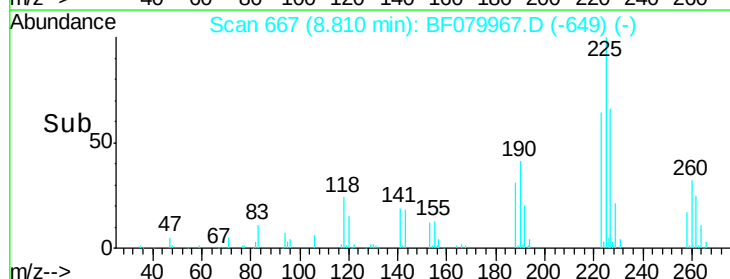
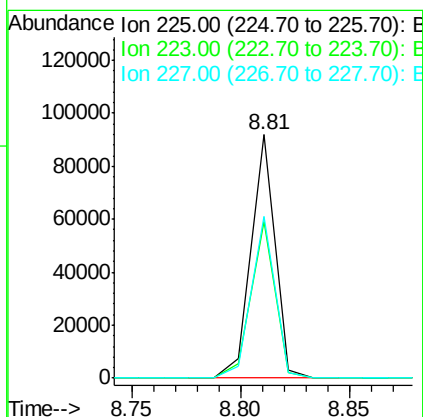
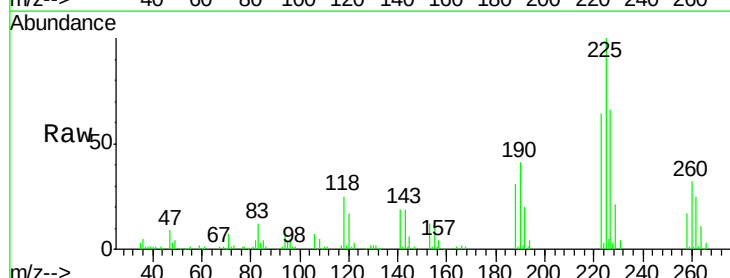
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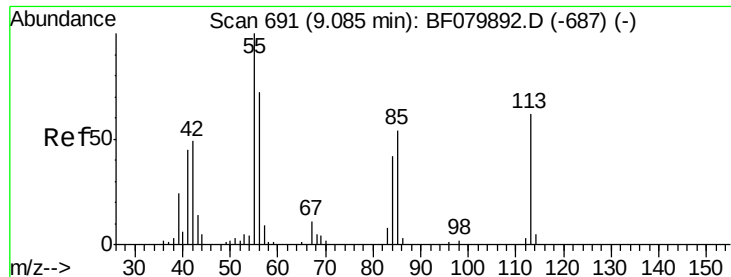
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#34
Hexachlorobutadiene
Concen: 41.56 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.2	47.8	71.6
227	66.3	52.0	78.0





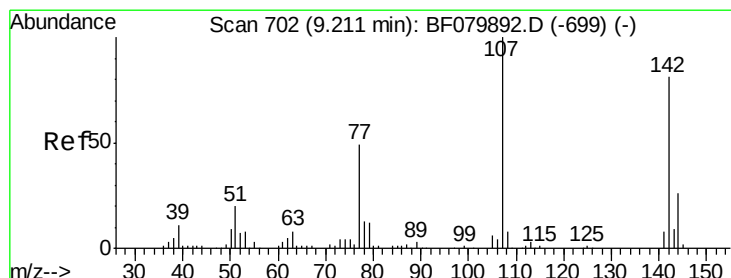
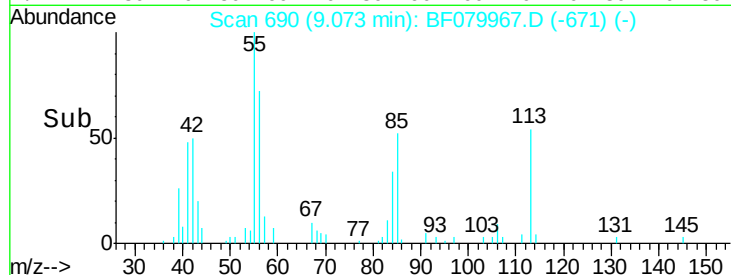
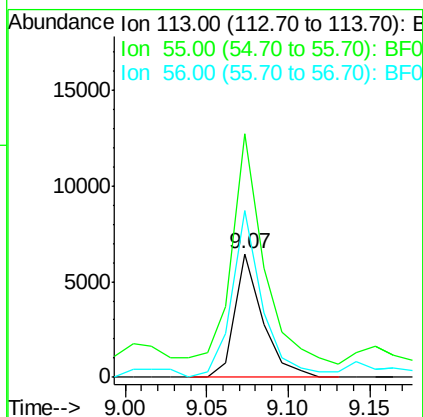
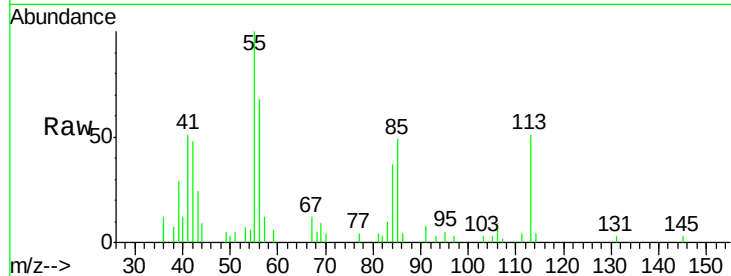
#35
Caprolactam
Concen: 9.99 ng
RT: 9.07 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	197.0	141.4	181.4#
56	134.8	95.9	135.9

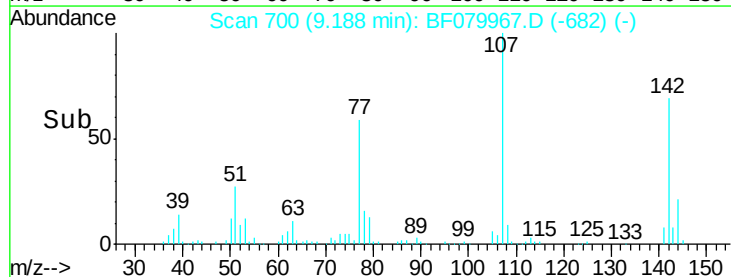
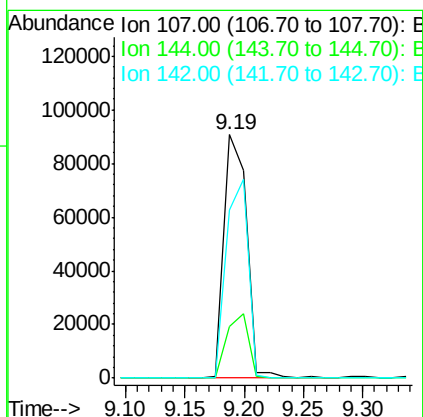
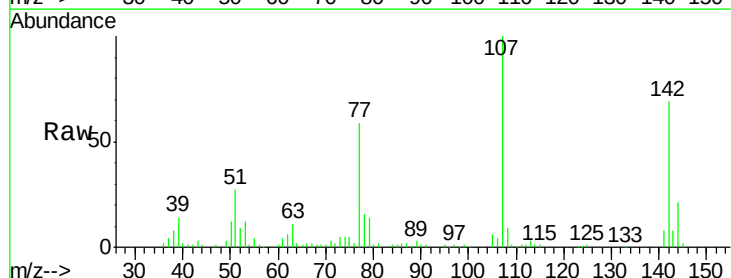
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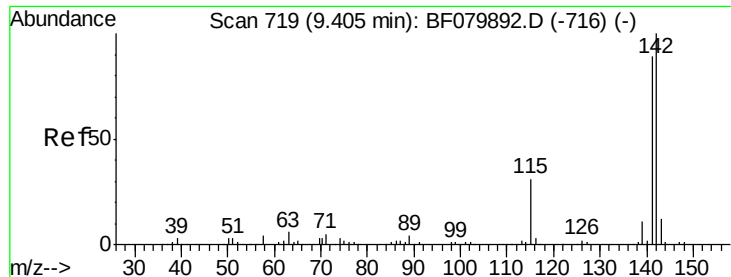
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#36
4-Chloro-3-methylphenol
Concen: 43.64 ng
RT: 9.19 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.0	21.0	31.6#
142	68.8	64.5	96.7





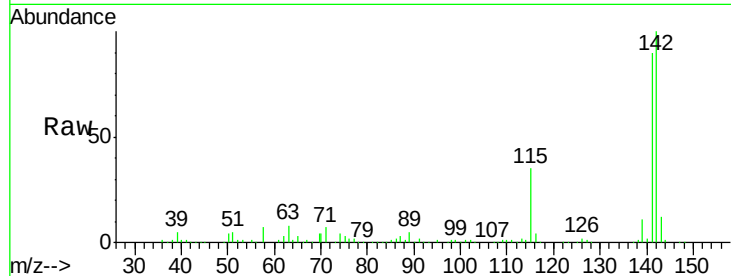
#37
 2-Methylnaphthalene
 Concen: 42.80 ng
 RT: 9.38 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF079967.D
 Acq: 13 Jun 2015 9:12

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MSD

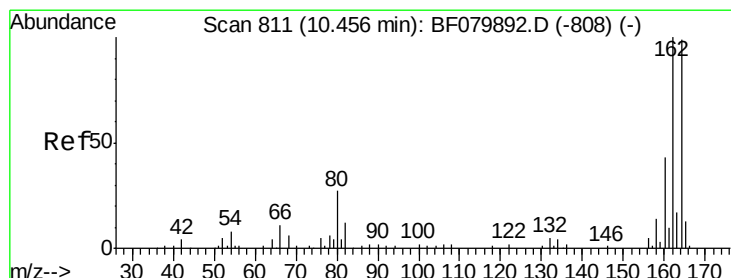
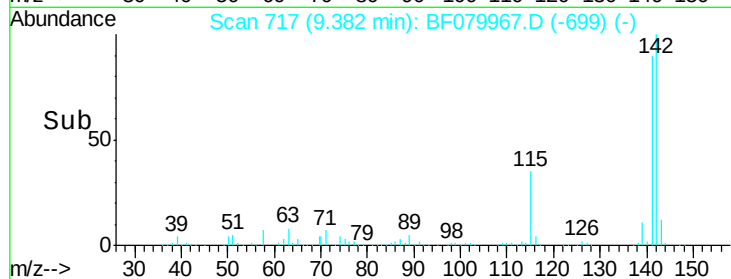
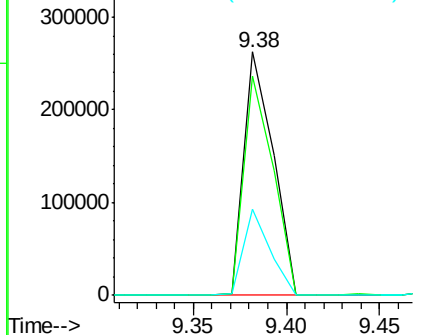
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	286116		
141	90.1	70.9	106.3	
115	35.4	25.0	37.4	

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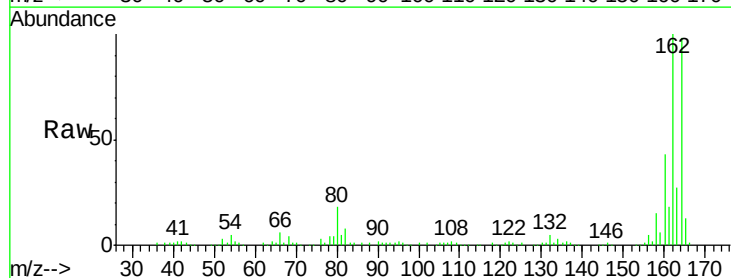


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

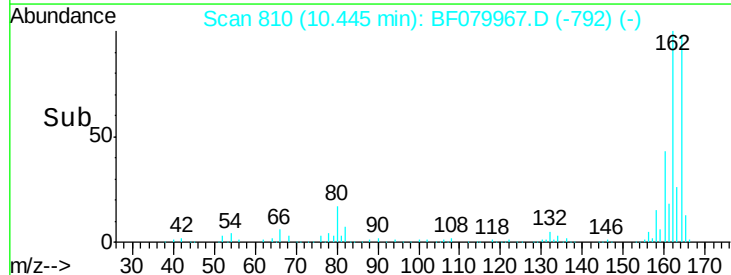
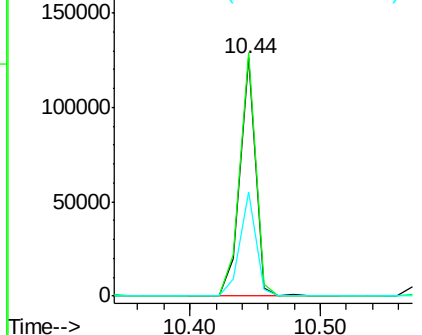


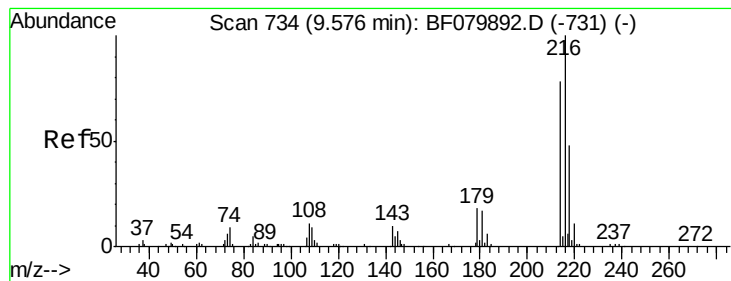
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079967.D
 Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	104661		
162	102.1	80.7	121.1	
160	43.8	34.6	51.8	



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.21 ng

RT: 9.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF079967.D

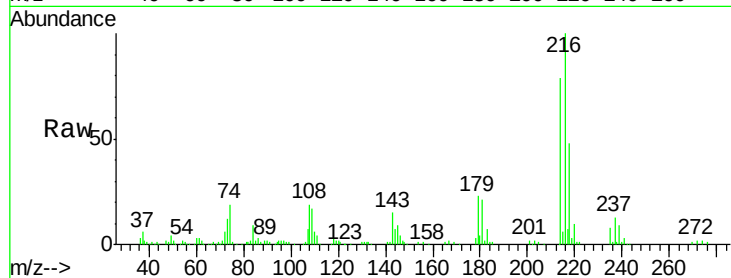
Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

ClientSampleId :

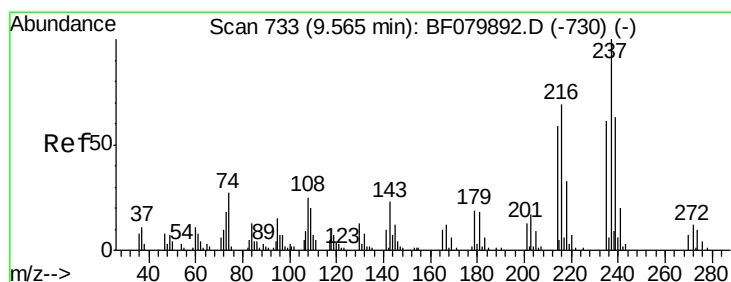
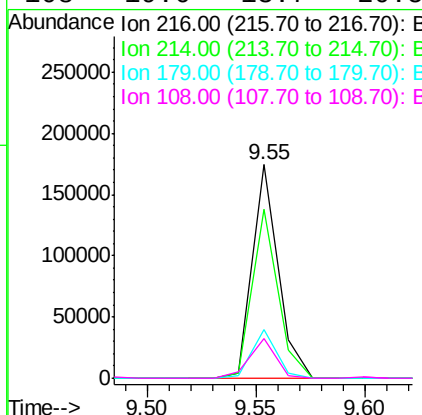
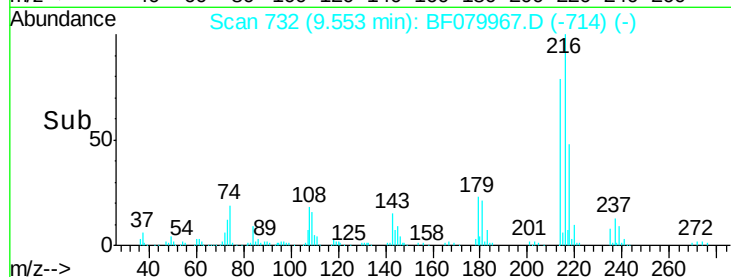
PZ-1-6-4-15MSD



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		144456		
214	78.3	63.5	95.3		
179	21.5	15.8	23.8		
108	19.6	13.7	20.5		

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#40

Hexachlorocyclopentadiene

Concen: 47.74 ng

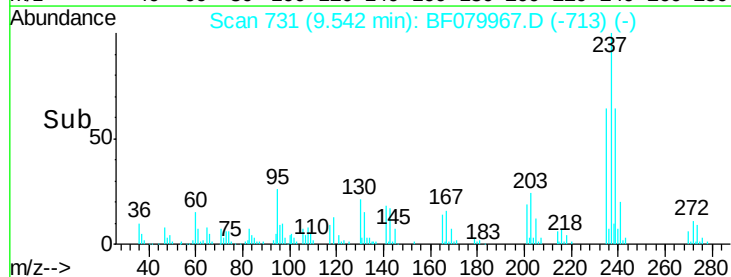
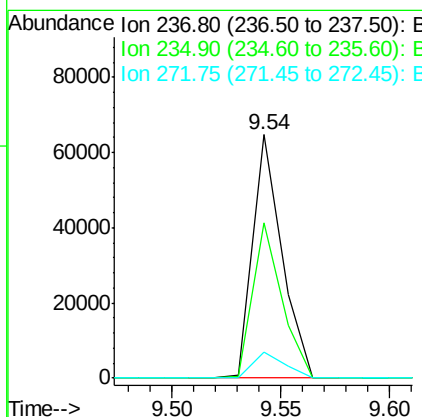
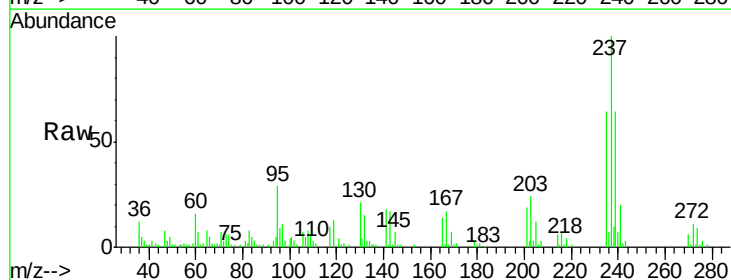
RT: 9.54 min Scan# 731

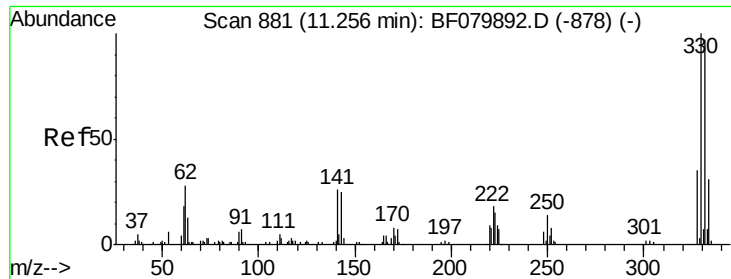
Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		60214		
235	63.8	41.3	81.3		
272	10.8	0.0	32.2		





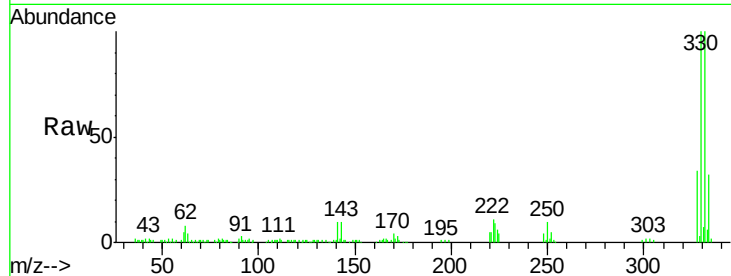
#41
 2,4,6-Tribromophenol
 Concen: 129.53 ng
 RT: 11.24 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF079967.D
 Acq: 13 Jun 2015 9:12

Instrument :
 BNA_F
 ClientSampled :
 PZ-1-6-4-15MSD

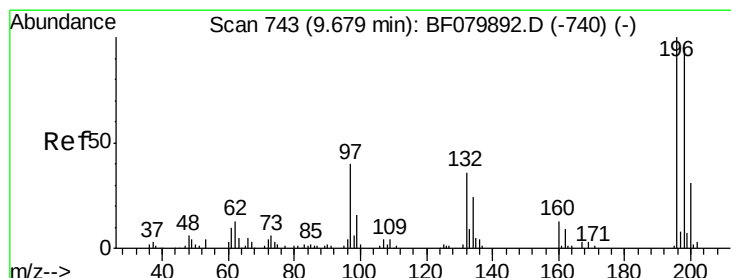
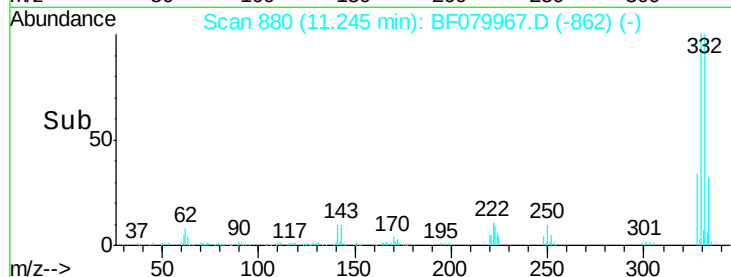
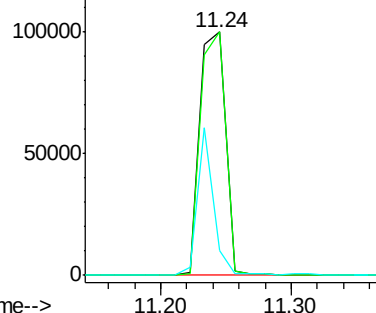
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	136526		
332	98.0	77.3	115.9	
141	37.9	26.8	40.2	

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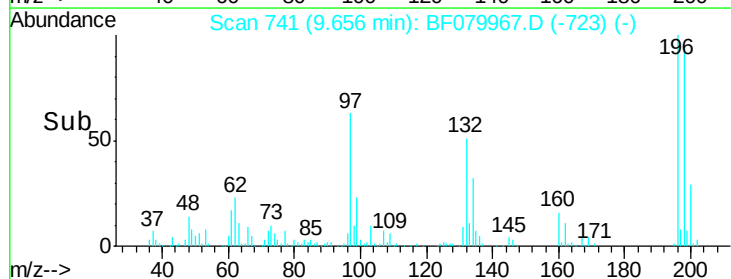
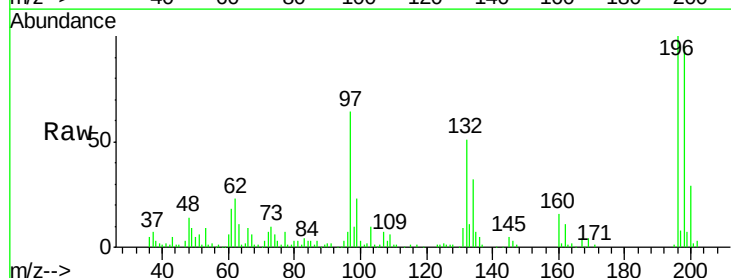
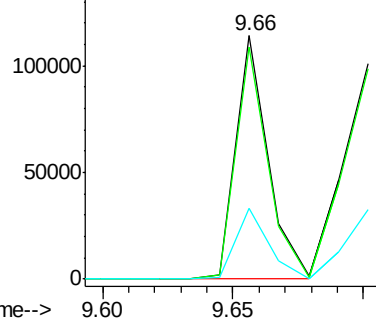
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

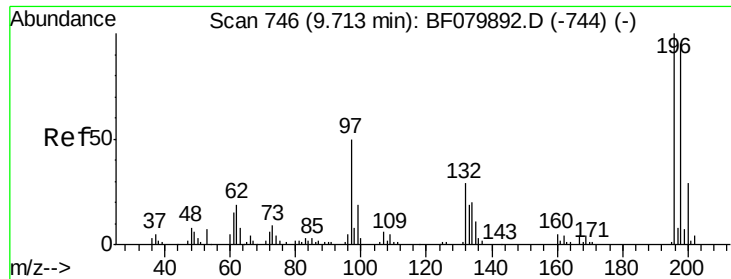


#42
 2,4,6-Trichlorophenol
 Concen: 45.52 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF079967.D
 Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	98311		
198	95.2	76.0	114.0	
200	29.3	24.9	37.3	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





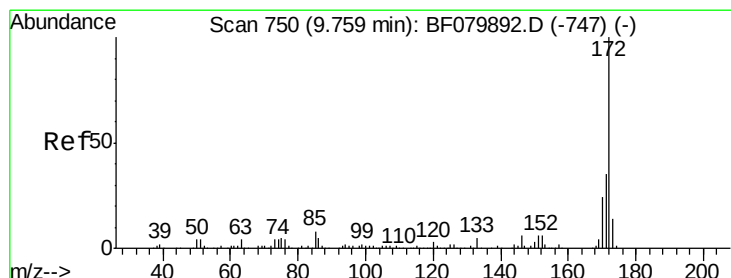
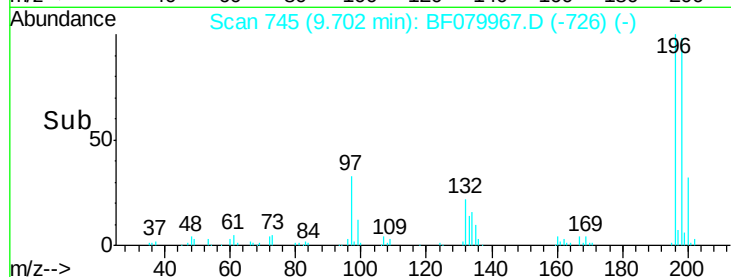
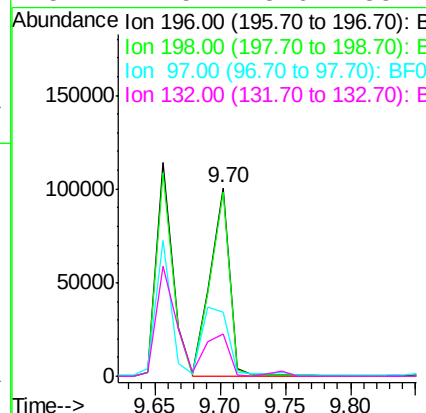
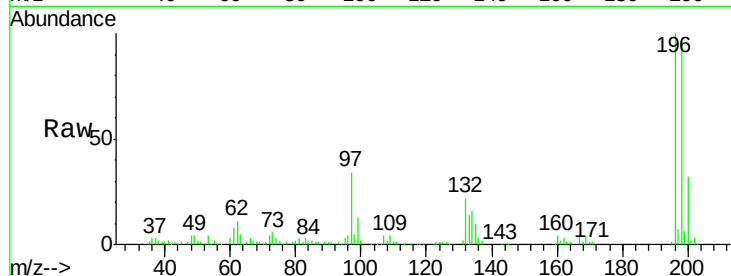
#43
 2,4,5-Trichlorophenol
 Concen: 44.15 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF079967.D
 Acq: 13 Jun 2015 9:12

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105262		
198	97.7	76.0	114.0	
97	34.0	39.4	59.2	#
132	22.5	23.6	35.4	#

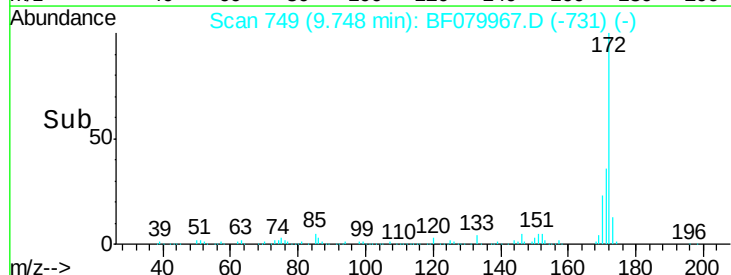
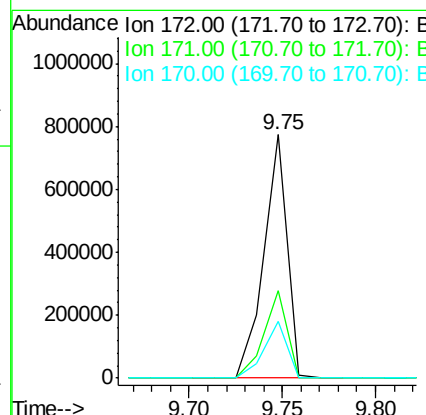
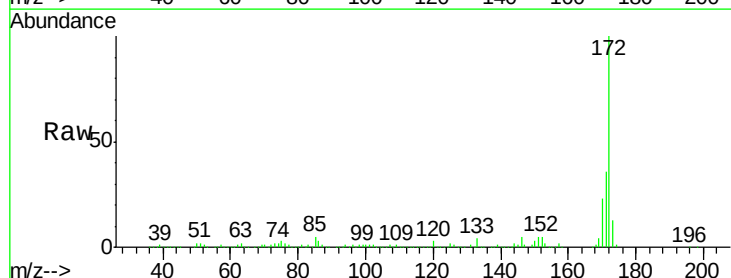
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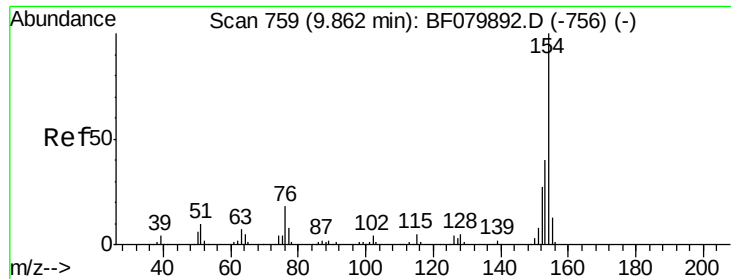
apatel
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#44
 2-Fluorobiphenyl
 Concen: 90.28 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079967.D
 Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	674793		
171	36.2	28.3	42.5	
170	23.5	19.0	28.4	





#45

1,1'-Biphenyl

Concen: 48.91 ng

RT: 9.85 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

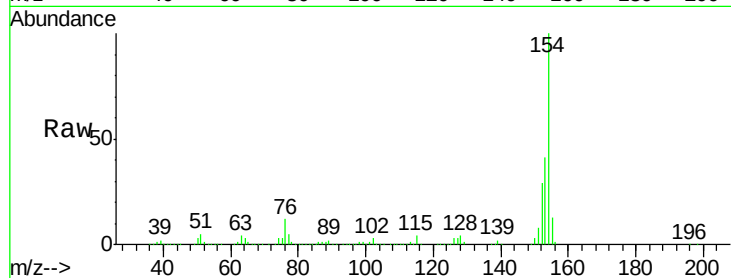
ClientSampleId :

PZ-1-6-4-15MSD

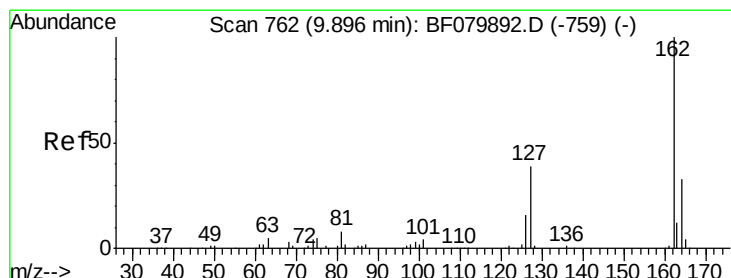
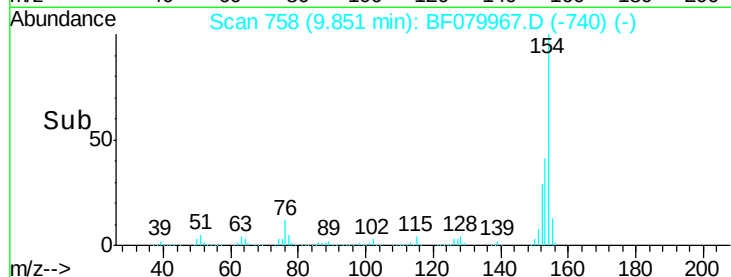
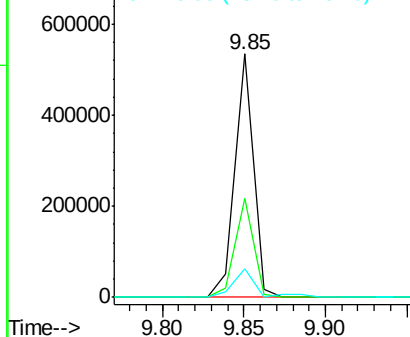
Tgt Ion:	154	Resp:	414266
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.1	60.1
76	11.9	0.0	38.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.36 ng

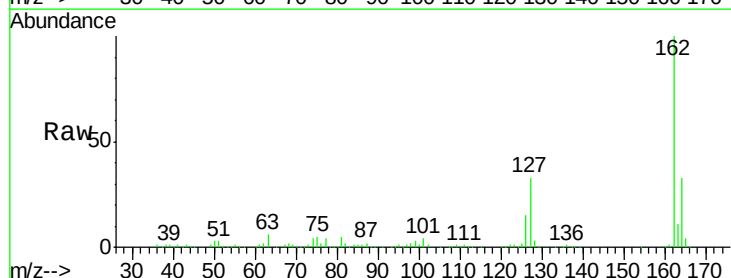
RT: 9.88 min Scan# 761

Delta R.T. 0.00 min

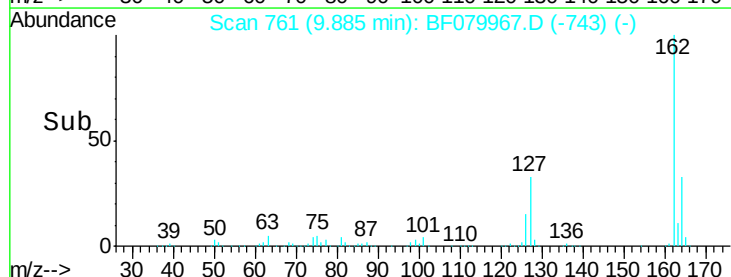
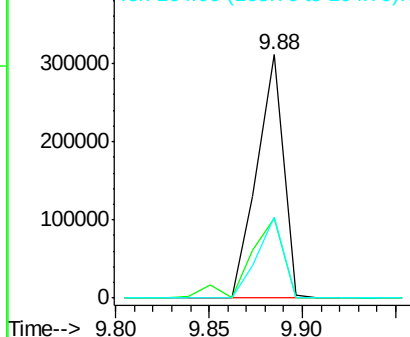
Lab File: BF079967.D

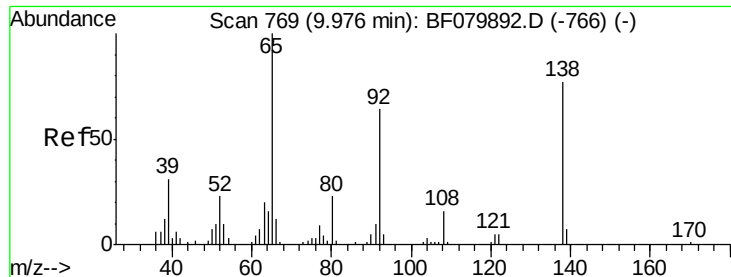
Acq: 13 Jun 2015 9:12

Tgt Ion:	162	Resp:	305438
Ion Ratio	Lower	Upper	
162	100		
127	32.8	33.1	49.7#
164	33.3	26.2	39.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.44 ng

RT: 9.96 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

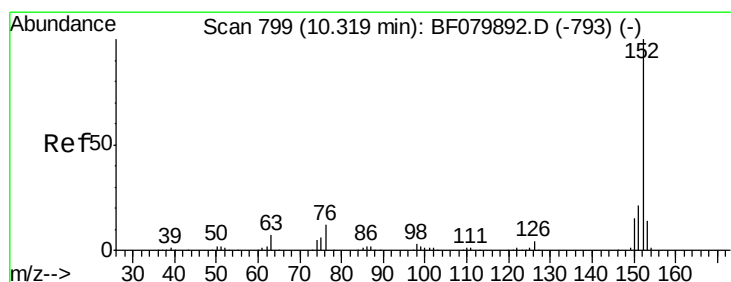
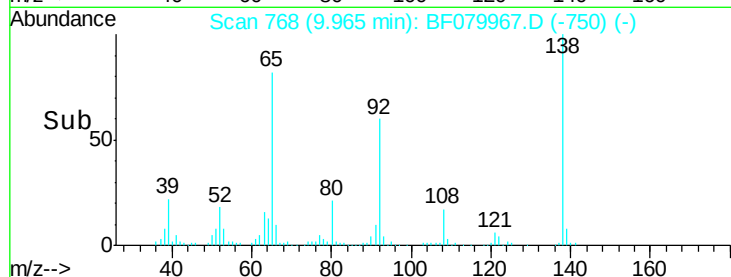
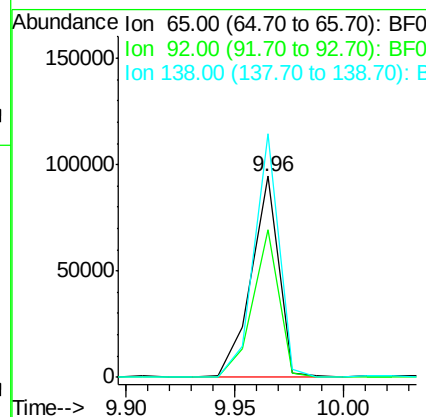
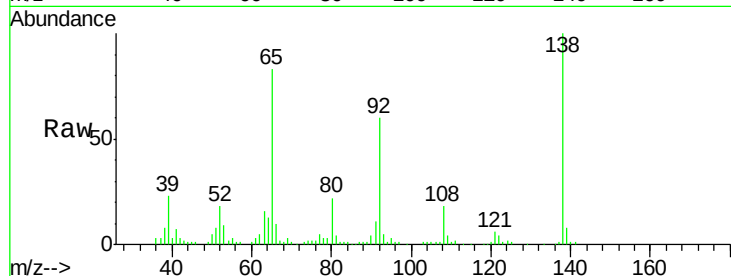
ClientSampleId :

PZ-1-6-4-15MSD

Tgt Ion:	65	Resp:	83598
Ion Ratio	Lower	Upper	
65	100		
92	73.2	51.1	76.7
138	121.2	62.0	93.0#

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#48

Acenaphthylene

Concen: 39.59 ng

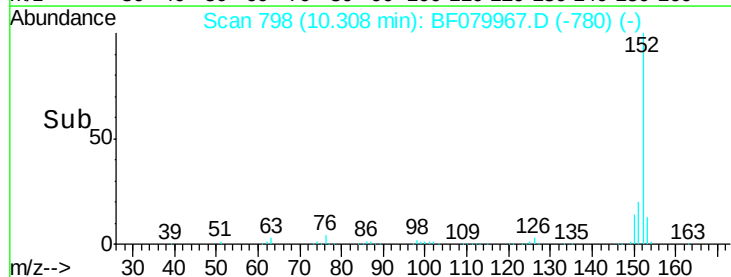
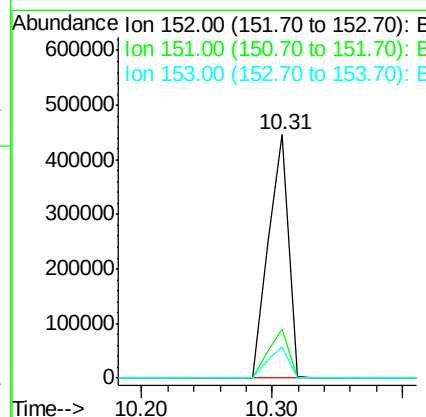
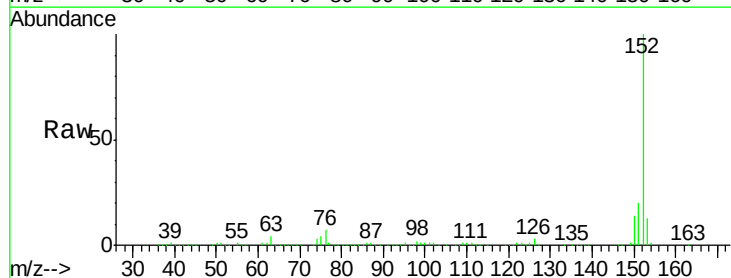
RT: 10.31 min Scan# 798

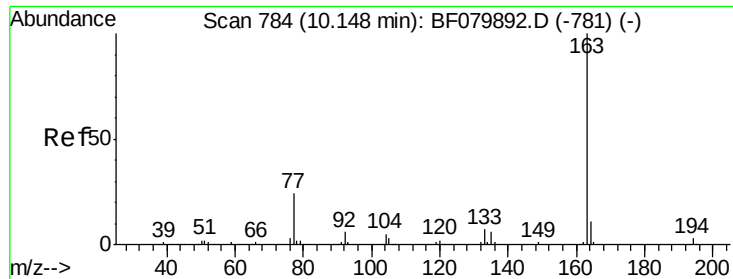
Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion:	152	Resp:	481895
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.8	25.2
153	12.8	10.8	16.2





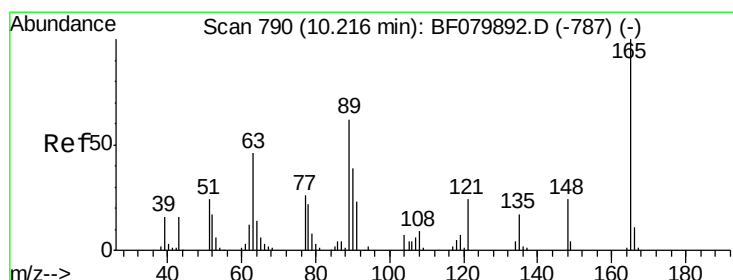
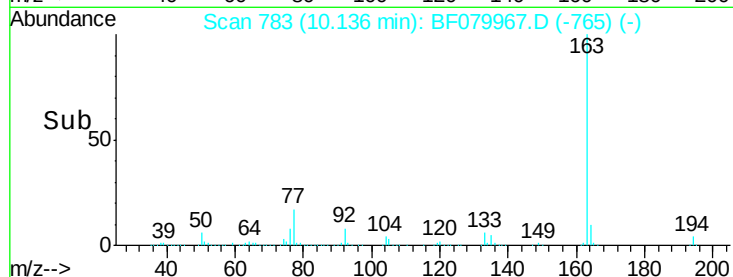
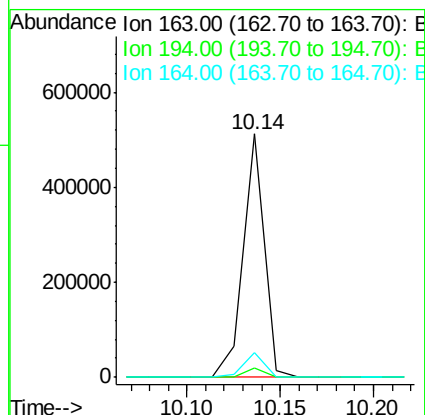
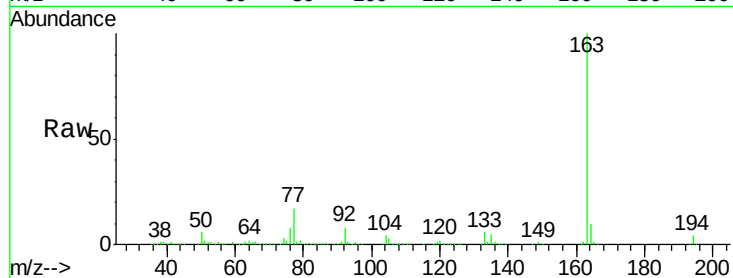
#49
Dimethylphthalate
Concen: 48.43 ng
RT: 10.14 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	406129		
194	3.7	2.6	4.0	
164	10.0	8.6	12.8	

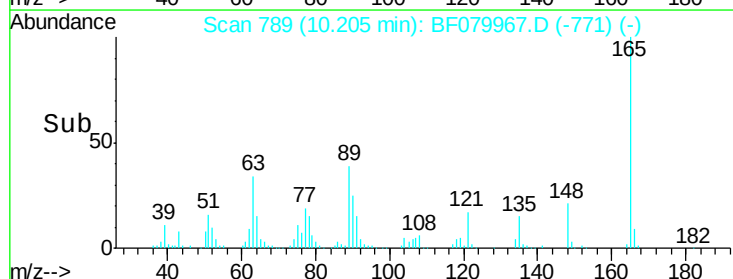
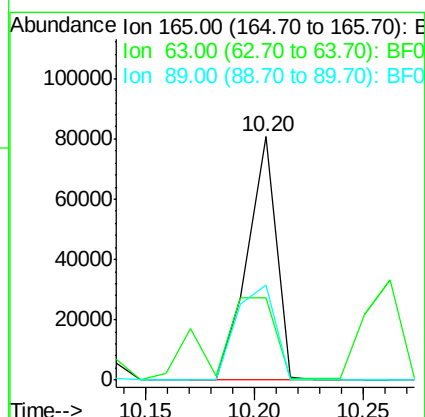
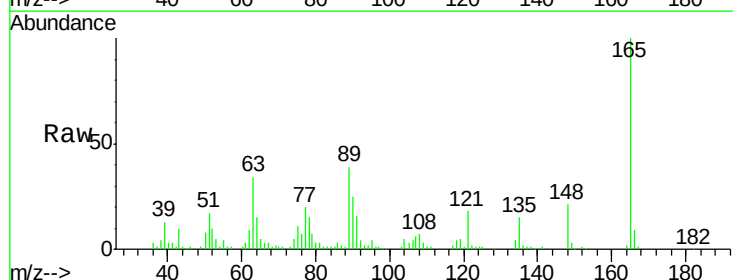
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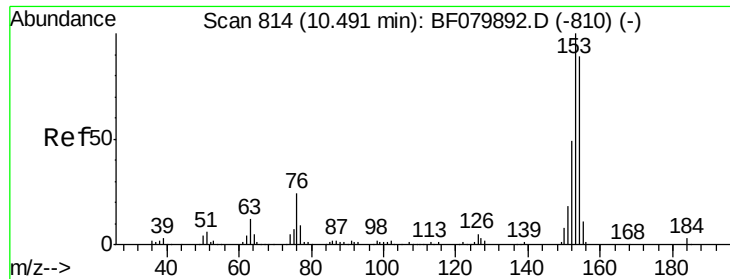
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#50
2,6-Dinitrotoluene
Concen: 48.66 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	74638		
63	33.6	46.4	69.6#	
89	39.3	49.6	74.4#	





#51

Acenaphthene

Concen: 44.97 ng

RT: 10.48 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

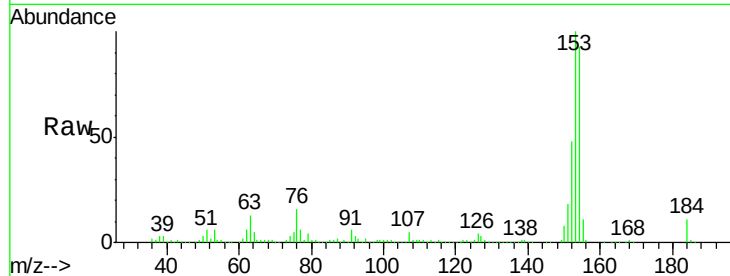
ClientSampleId :

PZ-1-6-4-15MSD

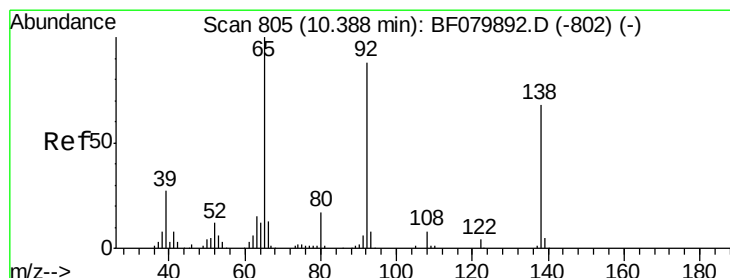
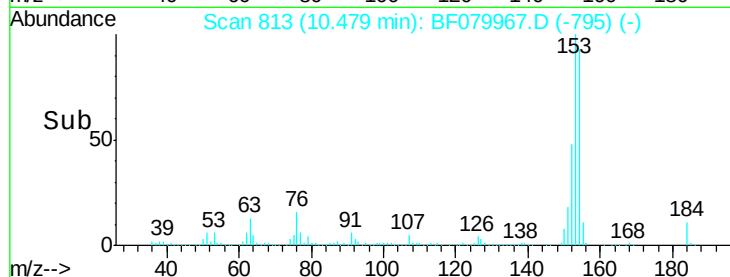
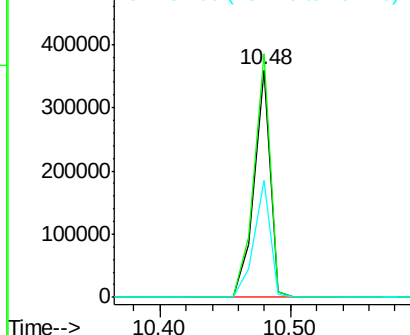
Tgt Ion:	154	Resp:	311151
Ion Ratio	Lower	Upper	
154	100		
153	107.2	90.0	135.0
152	51.4	43.7	65.5

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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: 33.81 ng

RT: 10.38 min Scan# 804

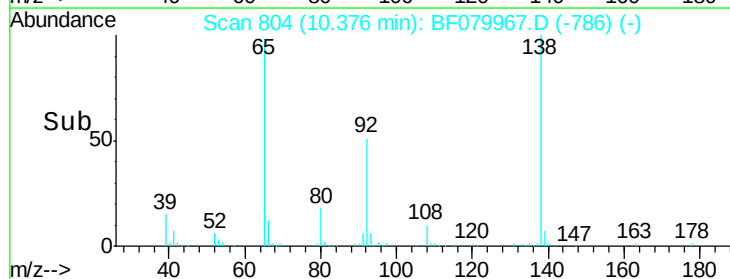
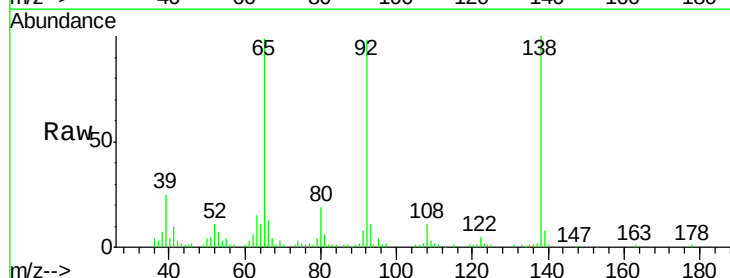
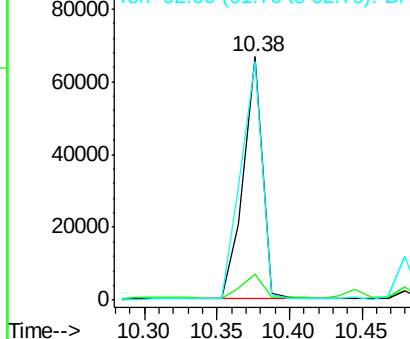
Delta R.T. 0.00 min

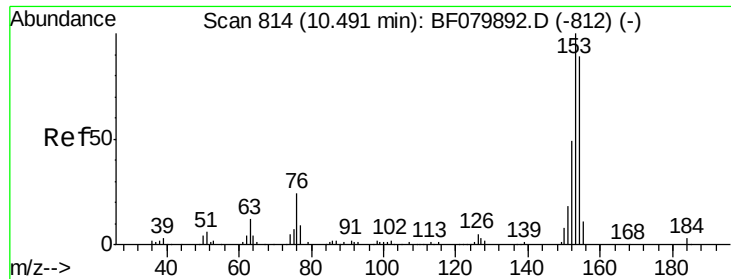
Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion:	138	Resp:	61293
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.0	13.6
92	97.9	103.1	154.7#

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





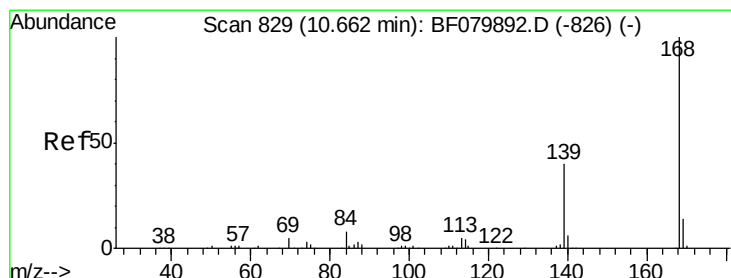
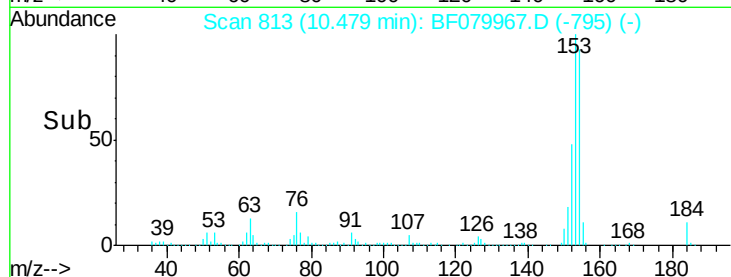
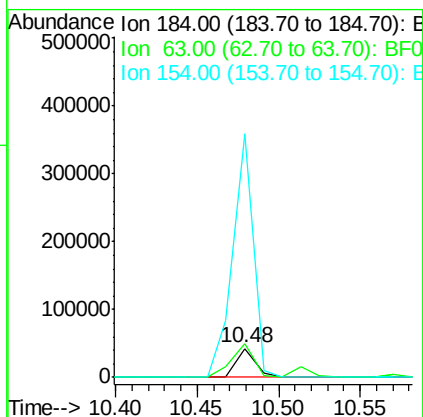
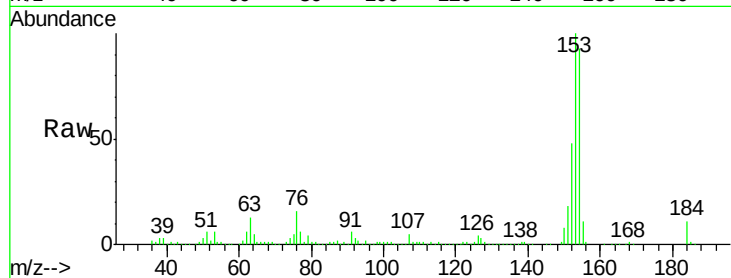
#53
2,4-Dinitrophenol
Concen: 94.95 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Tgt Ion:184 Resp: 34802
Ion Ratio Lower Upper
184 100
63 117.7 357.0 535.4#
154 837.5 2660.2 3990.

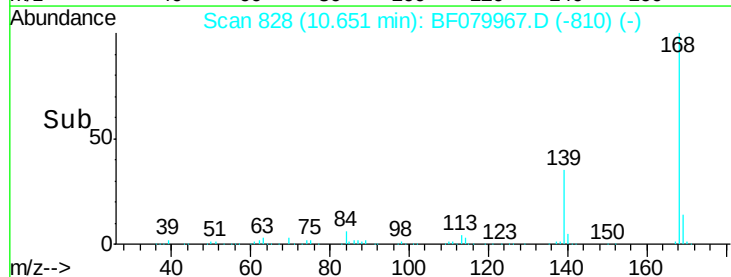
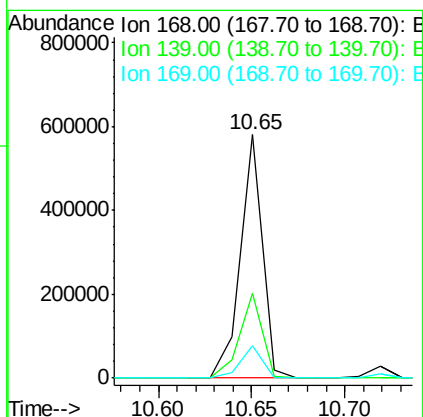
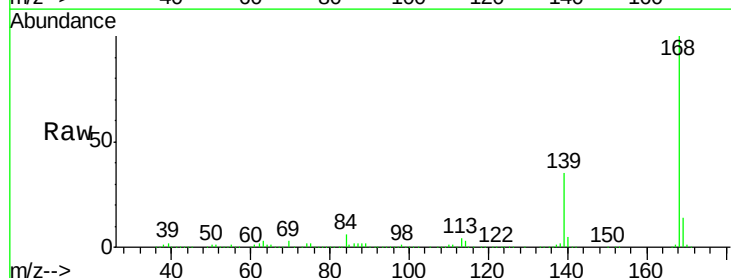
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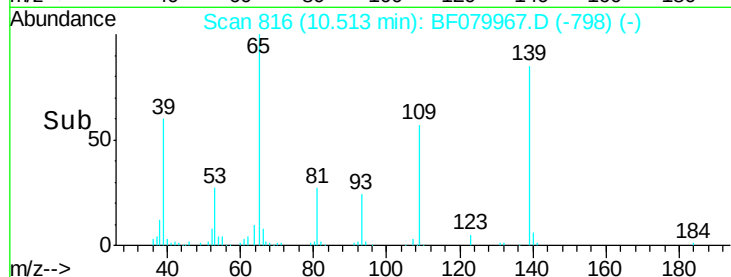
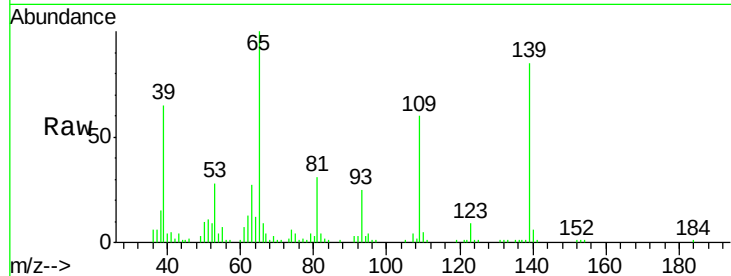
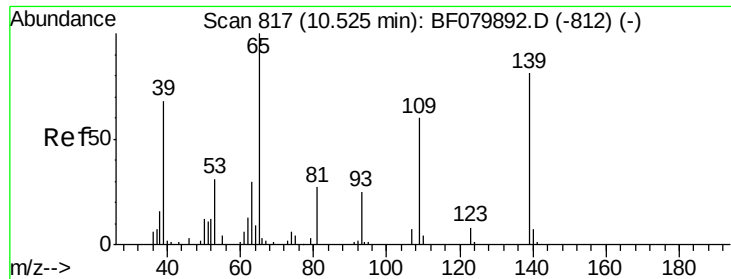
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#54
Dibenzofuran
Concen: 47.36 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion:168 Resp: 478755
Ion Ratio Lower Upper
168 100
139 34.7 32.2 48.2
169 13.5 11.0 16.6





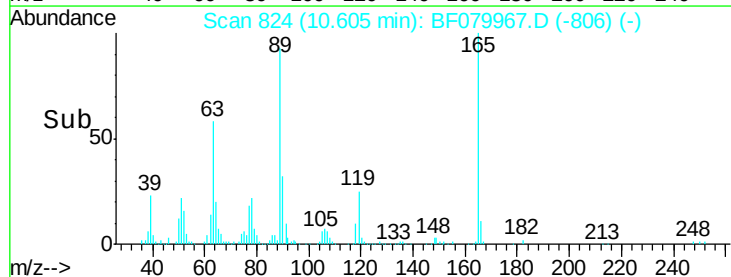
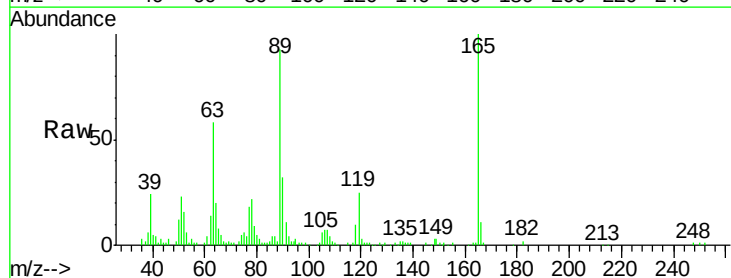
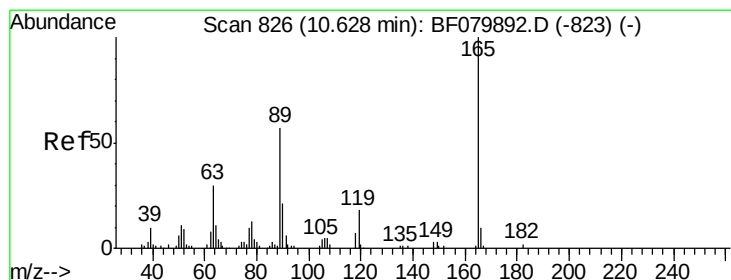
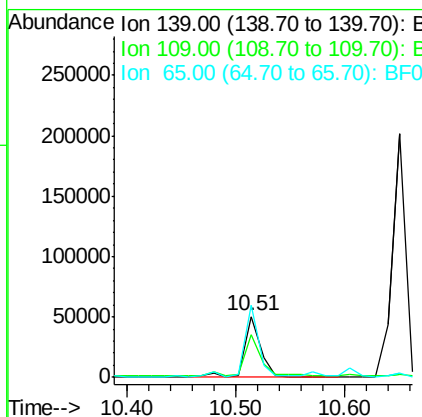
#55
4-Nitrophenol
Concen: 40.87 ng
RT: 10.51 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion:139 Resp: 52961
Ion Ratio Lower Upper
139 100
109 70.8 54.8 94.8
65 117.9 104.8 144.8

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

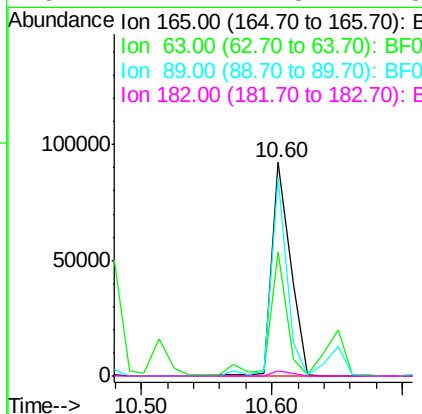
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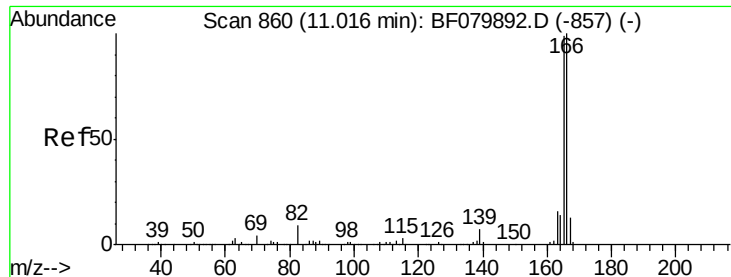
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#56
2,4-Dinitrotoluene
Concen: 45.88 ng
RT: 10.60 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion:165 Resp: 92686
Ion Ratio Lower Upper
165 100
63 58.0 24.3 36.5#
89 92.6 45.4 68.2#
182 2.2 1.8 2.8





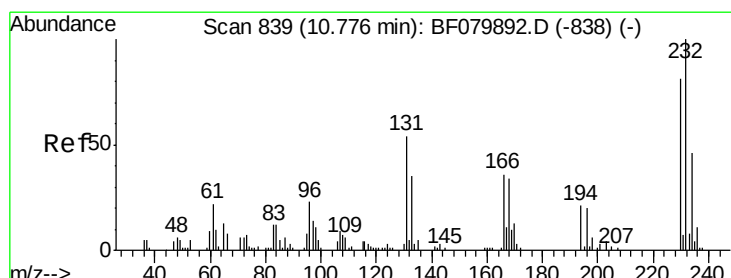
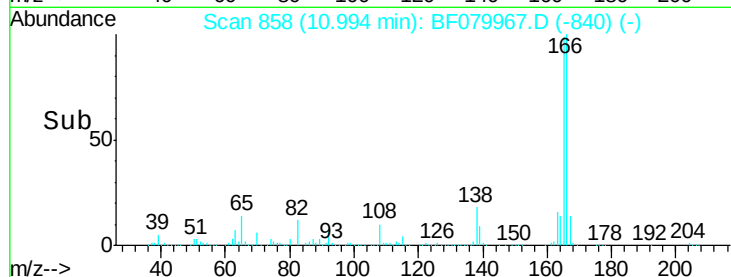
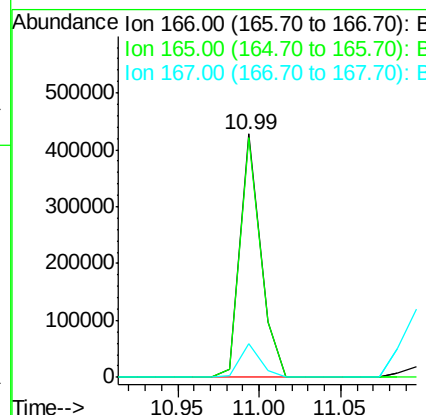
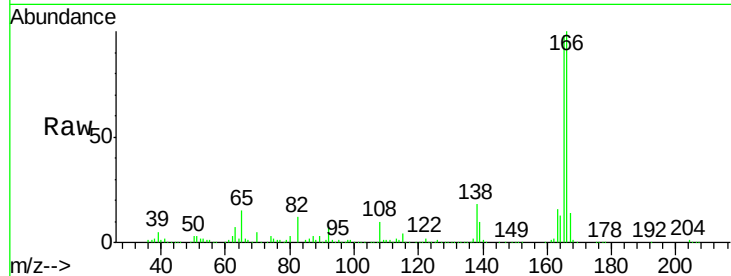
#57
 Fluorene
 Concen: 42.14 ng
 RT: 10.99 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BF079967.D
 Acq: 13 Jun 2015 9:12

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	371319		
165	98.5	79.0	118.6	
167	13.6	10.3	15.5	

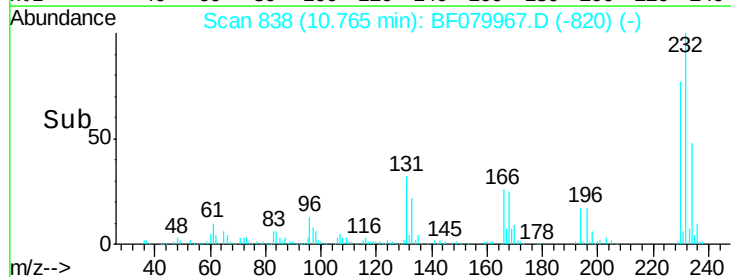
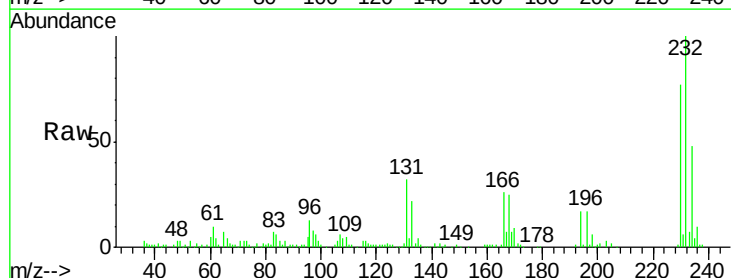
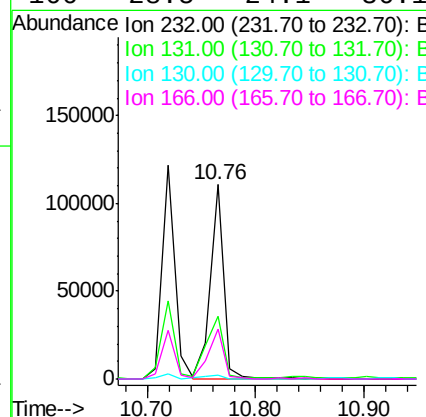
Manual Integrations
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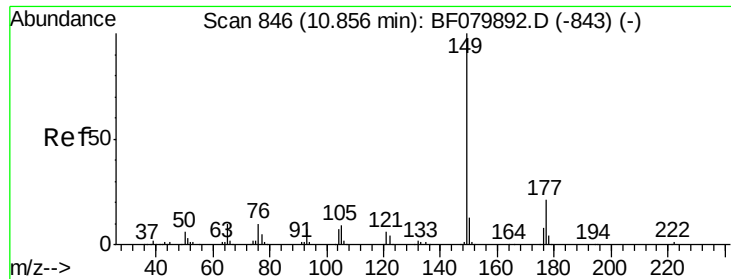
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.17 ng
 RT: 10.76 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079967.D
 Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	97890		
131	39.9	35.4	53.2	
130	3.1	1.5	2.3	
166	28.5	24.1	36.1	





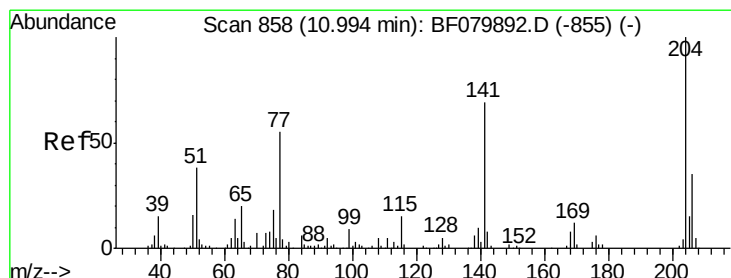
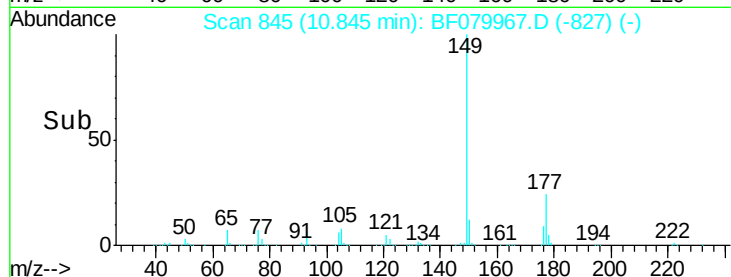
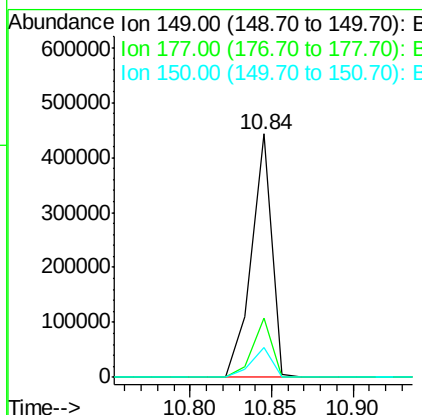
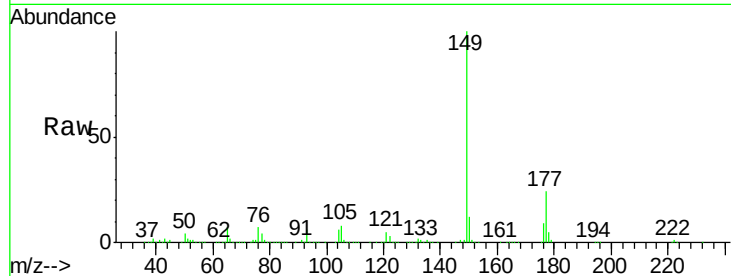
#59
Diethylphthalate
Concen: 45.71 ng
RT: 10.84 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	383195		
177	24.5	16.9	25.3	
150	12.3	10.4	15.6	

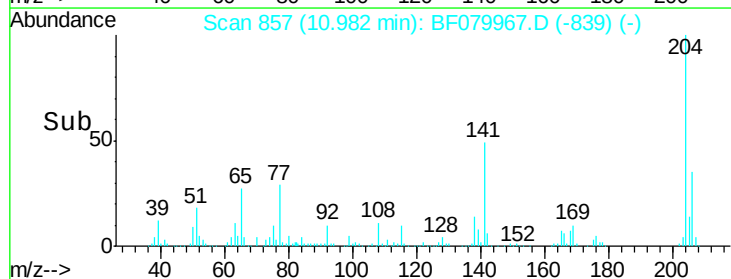
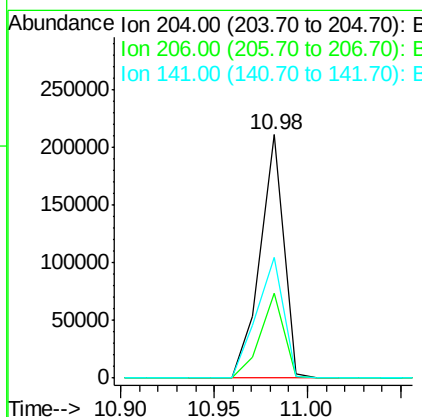
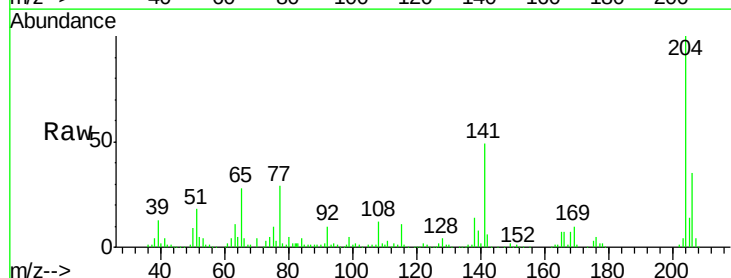
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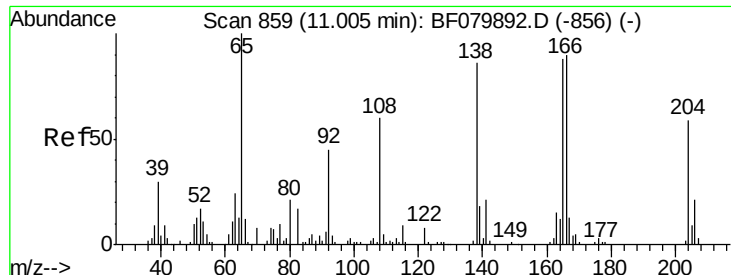
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#60
4-Chlorophenyl-phenylether
Concen: 46.86 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	184382		
206	34.9	28.0	42.0	
141	49.5	55.3	82.9	





#61

4-Nitroaniline

Concen: 40.01 ng

RT: 10.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF079967.D

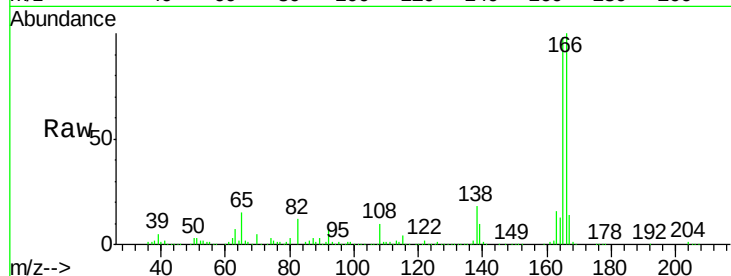
Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

ClientSampleId :

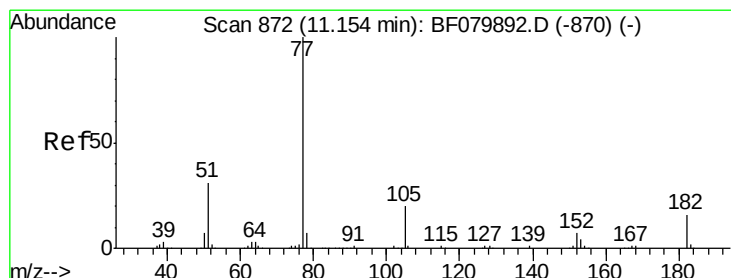
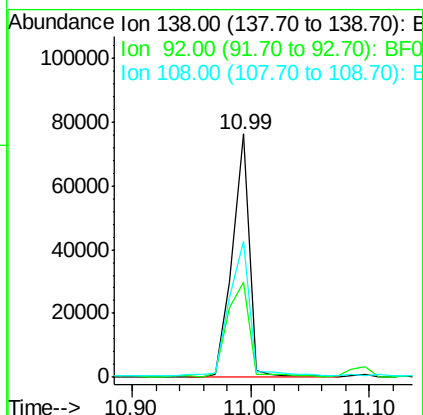
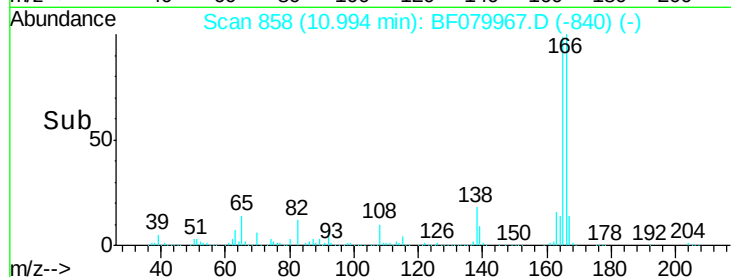
PZ-1-6-4-15MSD



Tgt Ion:	138	Resp:	77089
Ion Ratio	Lower	Upper	
138	100		
92	39.1	32.9	72.9
108	55.9	50.4	90.4

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#62

Azobenzene

Concen: 45.72 ng

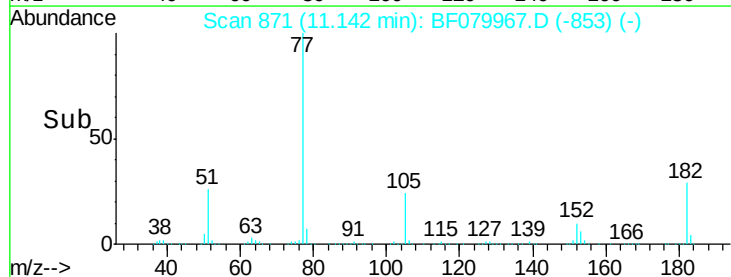
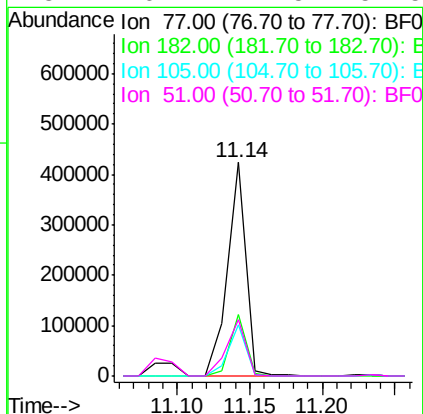
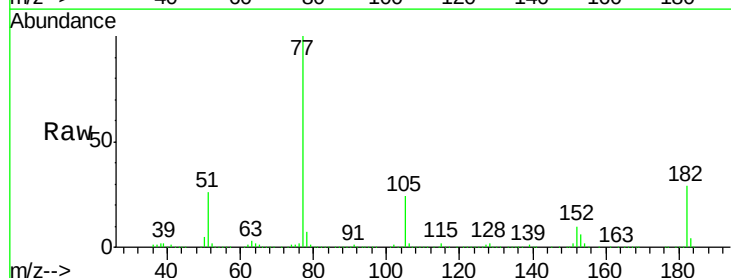
RT: 11.14 min Scan# 871

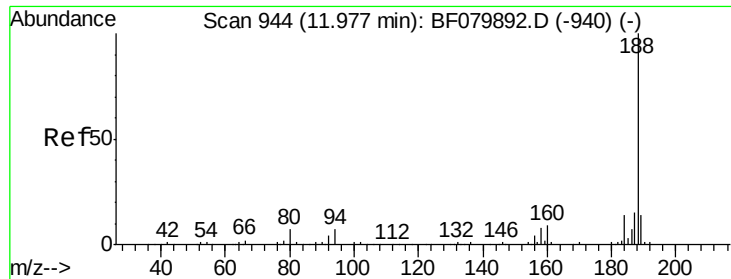
Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion:	77	Resp:	368798
Ion Ratio	Lower	Upper	
77	100		
182	28.6	0.0	35.9
105	23.9	0.1	40.1
51	26.4	11.5	51.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.95 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

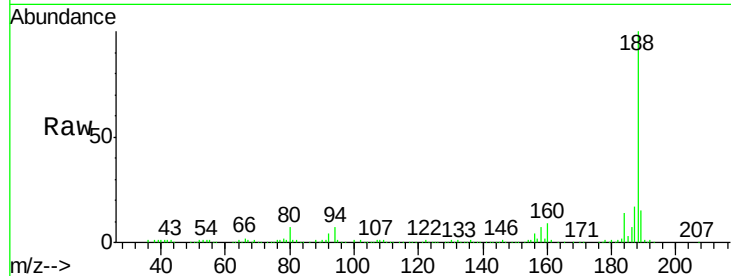
ClientSampleId :

PZ-1-6-4-15MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		201415		
94	6.6	5.8	8.8		
80	6.7	5.9	8.9		

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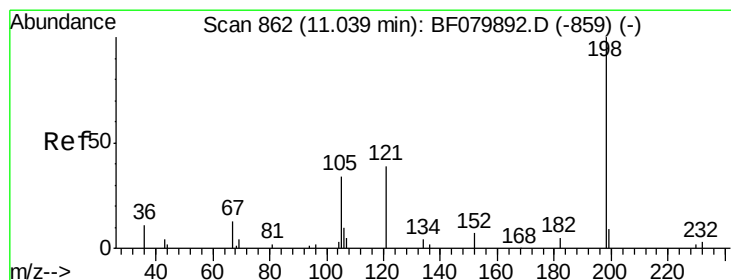
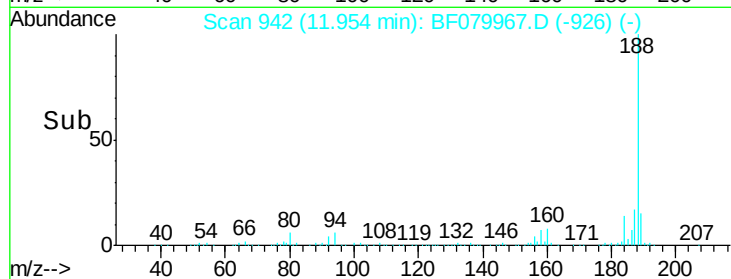
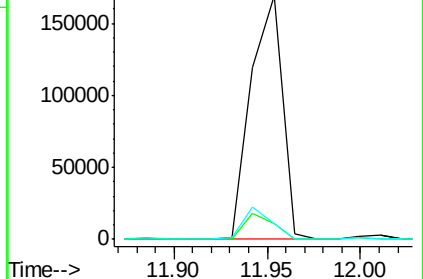
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 56.59 ng

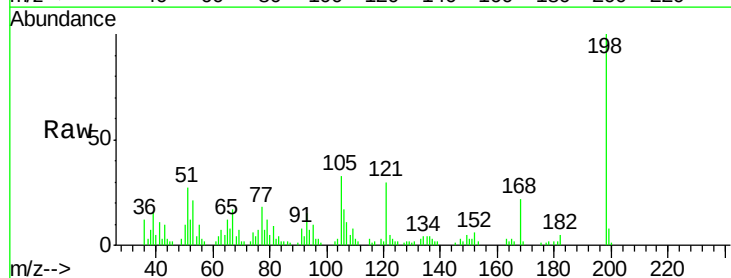
RT: 11.03 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

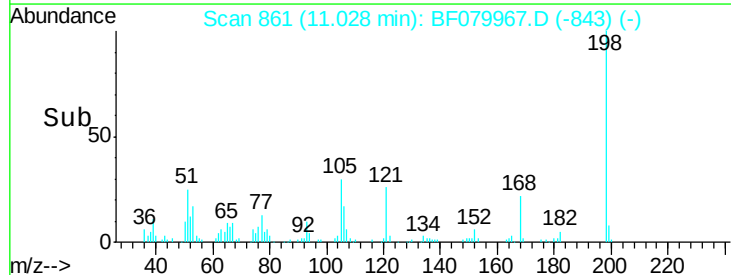
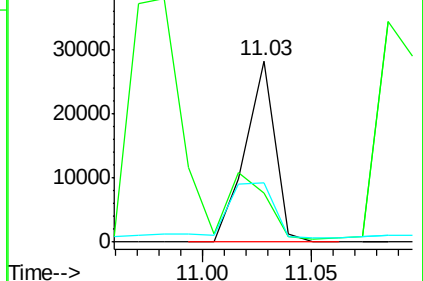
Tgt	Ion	Ratio	Resp	Lower	Upper
198	100		26945		
51	27.0	22.1	62.1		
105	33.0	22.7	62.7		

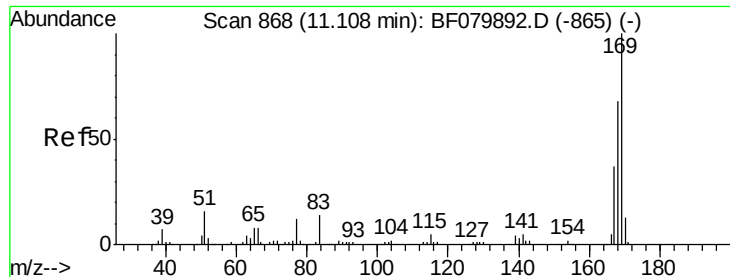


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.02 ng

RT: 11.10 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

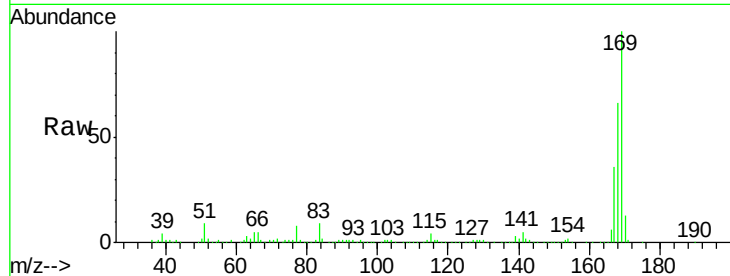
ClientSampleId :

PZ-1-6-4-15MSD

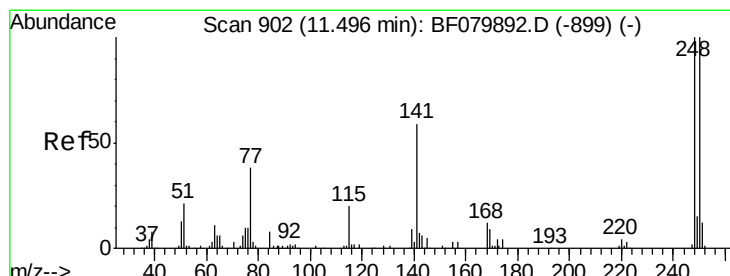
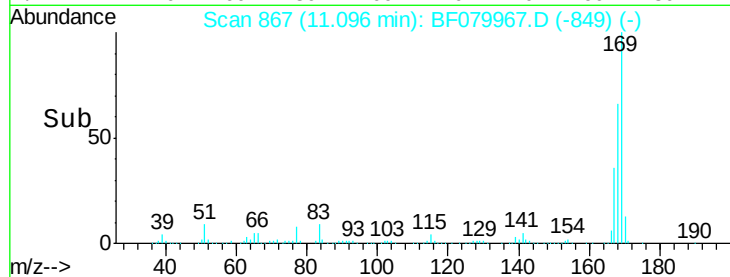
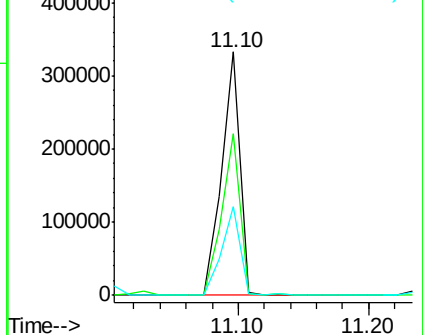
Tgt Ion:	169	Resp:	325225
Ion Ratio	Lower	Upper	
169	100		
168	66.5	54.2	81.4
167	36.2	29.7	44.5

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.26 ng

RT: 11.47 min Scan# 900

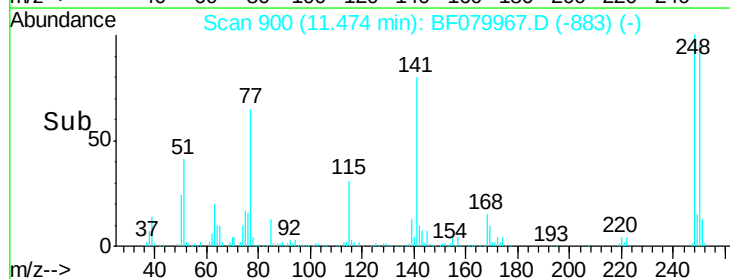
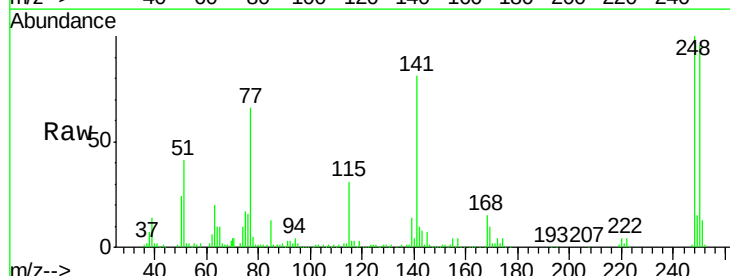
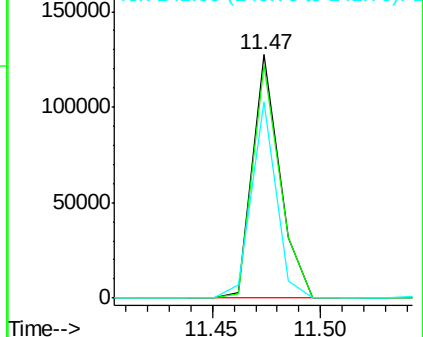
Delta R.T. -0.01 min

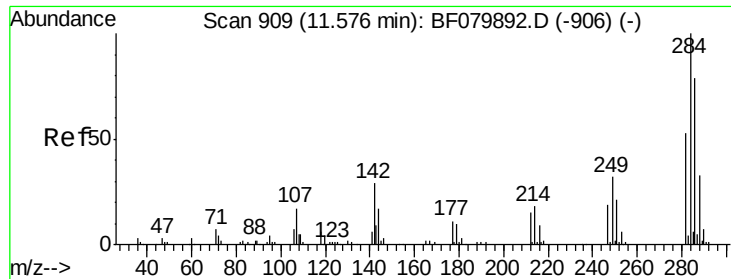
Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion:	248	Resp:	111184
Ion Ratio	Lower	Upper	
248	100		
250	95.8	80.2	120.2
141	80.7	46.9	70.3#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.48 ng

RT: 11.55 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF079967.D

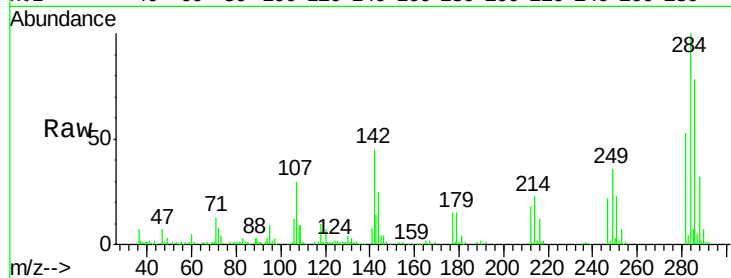
Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

ClientSampleId :

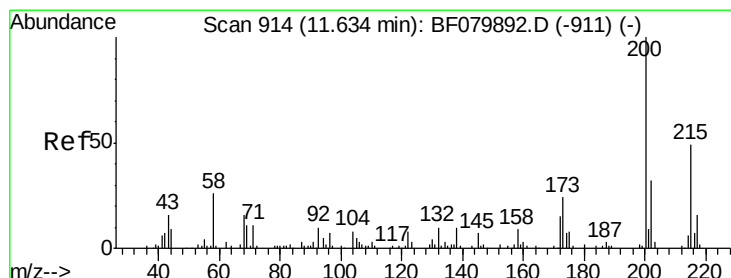
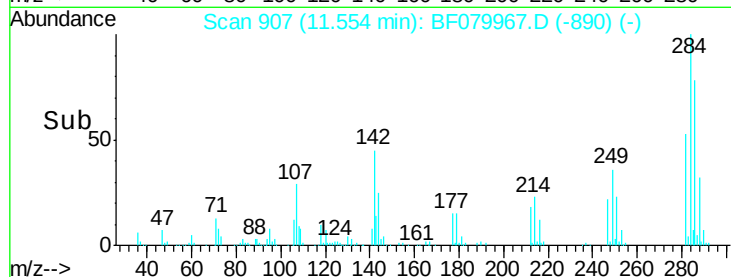
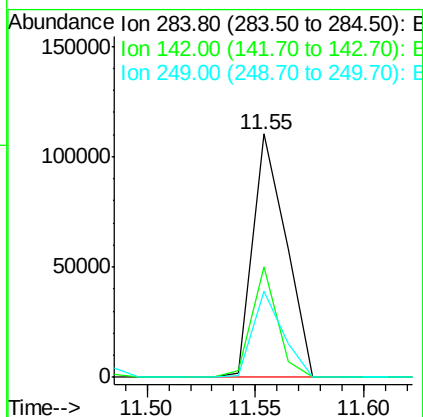
PZ-1-6-4-15MSD



Tgt Ion:	284	Resp:	116899
Ion Ratio	Lower	Upper	
284	100		
142	45.4	23.5	35.3#
249	35.5	25.3	37.9

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#68

Atrazine

Concen: 52.83 ng

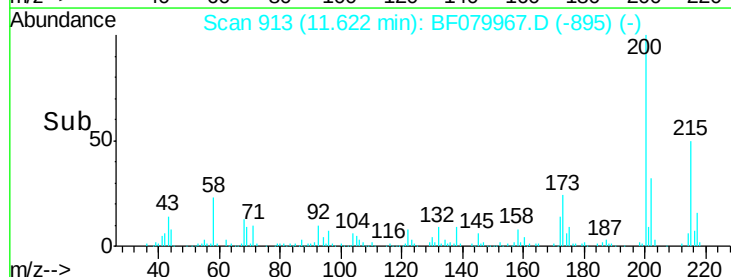
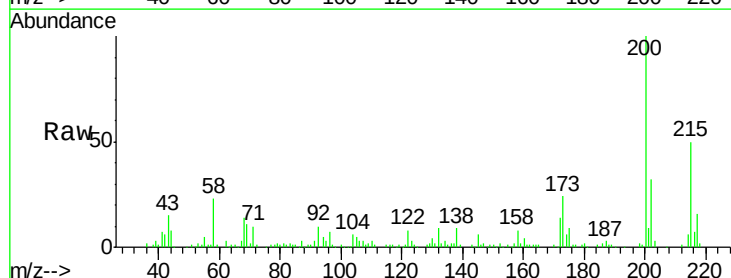
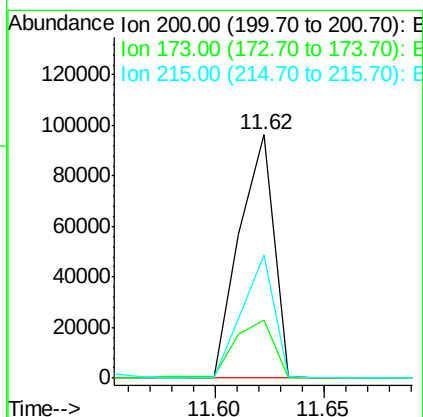
RT: 11.62 min Scan# 913

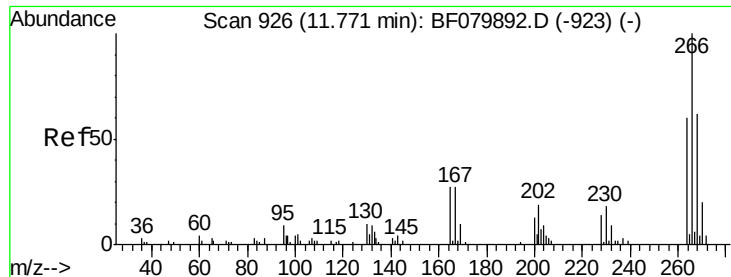
Delta R.T. 0.00 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion:	200	Resp:	105720
Ion Ratio	Lower	Upper	
200	100		
173	23.7	4.1	44.1
215	50.4	29.2	69.2





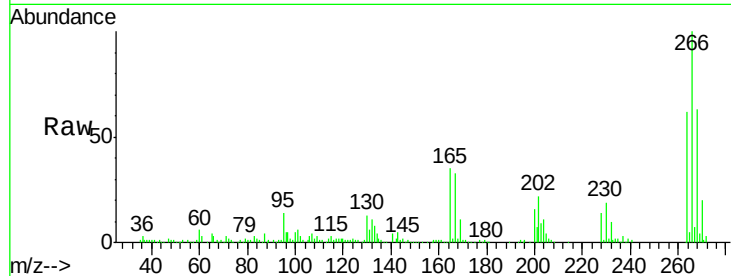
#69
 Pentachlorophenol
 Concen: 115.85 ng
 RT: 11.75 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF079967.D
 Acq: 13 Jun 2015 9:12

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-6-4-15MSD

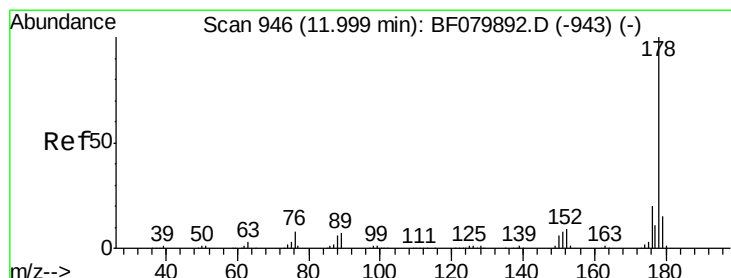
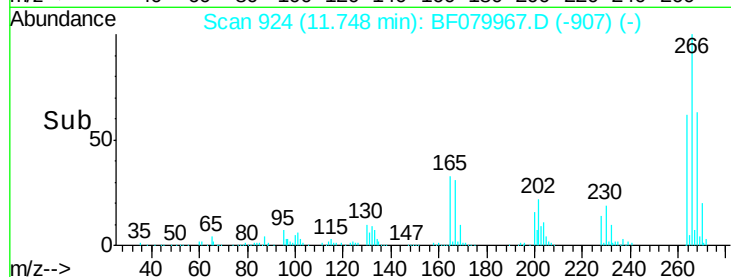
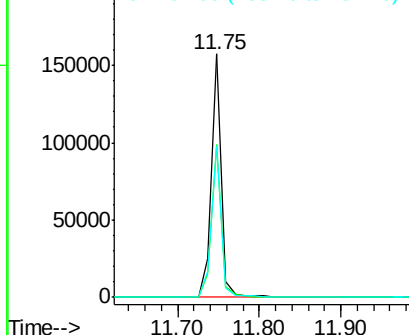
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	138212		
268	62.5	49.4	74.2	
264	62.4	47.7	71.5	

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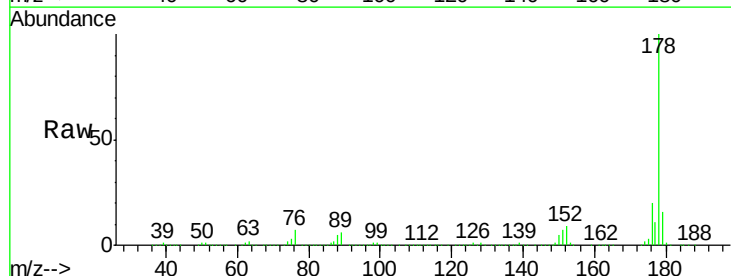


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

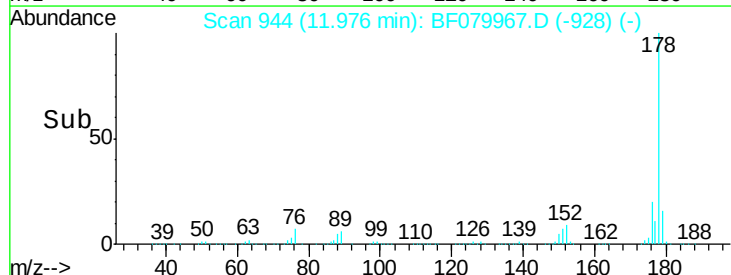
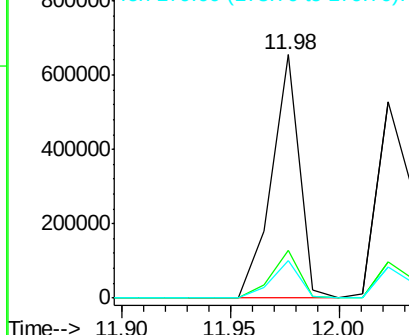


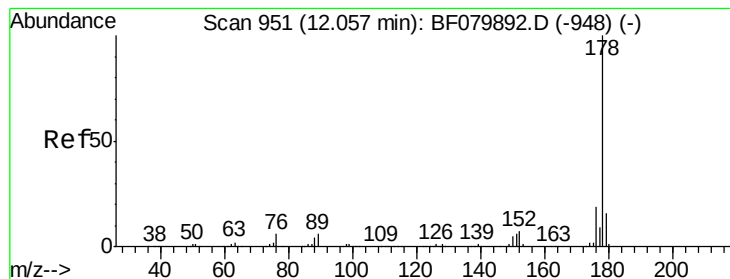
#70
 Phenanthrene
 Concen: 49.08 ng
 RT: 11.98 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: BF079967.D
 Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	589120		
176	19.6	15.9	23.9	
179	15.5	12.3	18.5	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 49.49 ng

RT: 12.02 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

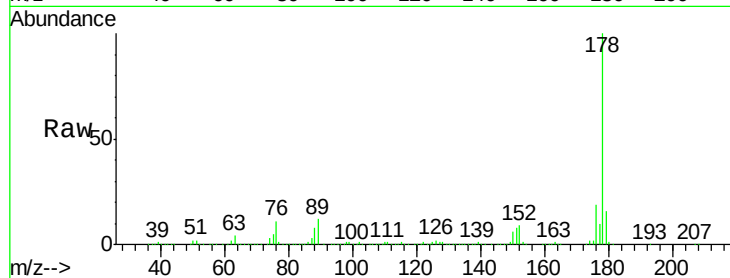
ClientSampleId :

PZ-1-6-4-15MSD

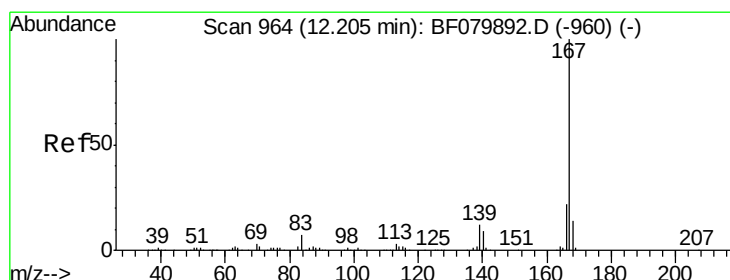
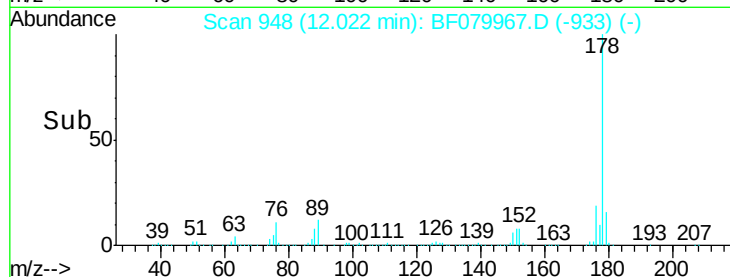
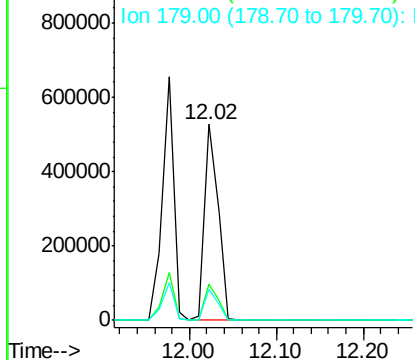
Tgt Ion:	178	Resp:	574877
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.2	22.8
179	15.8	12.5	18.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.95 ng

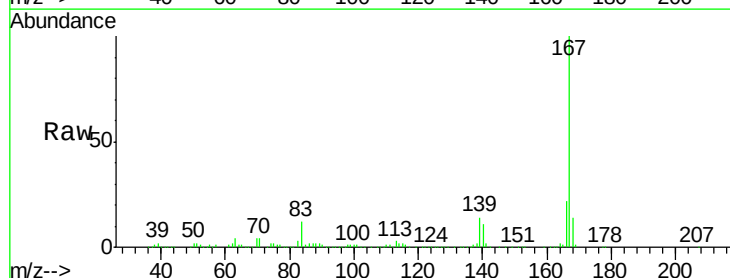
RT: 12.17 min Scan# 961

Delta R.T. -0.05 min

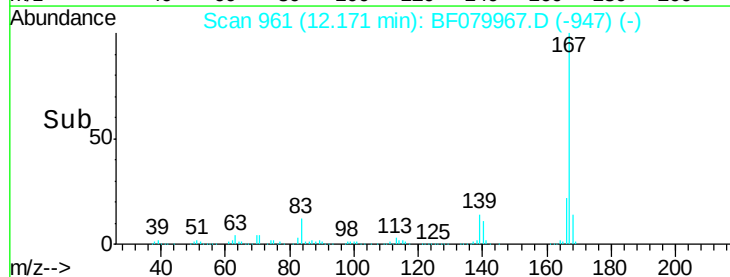
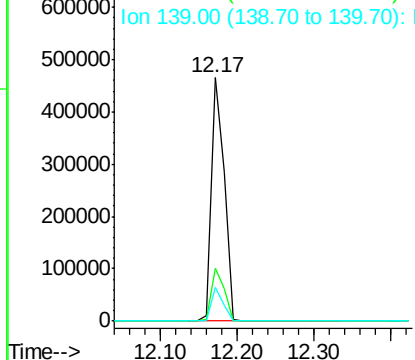
Lab File: BF079967.D

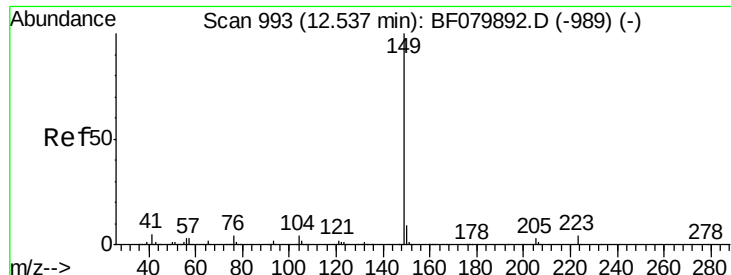
Acq: 13 Jun 2015 9:12

Tgt Ion:	167	Resp:	528980
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.4	26.2
139	13.7	9.5	14.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 52.59 ng

RT: 12.50 min Scan# 990

Delta R.T. -0.06 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

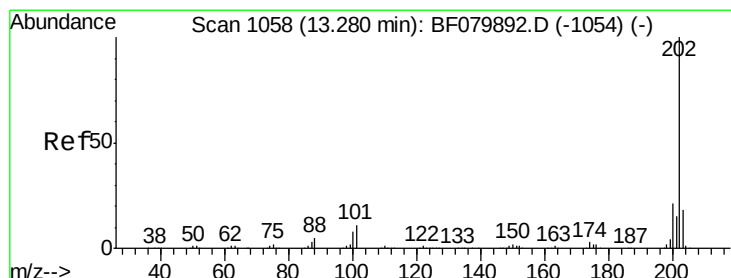
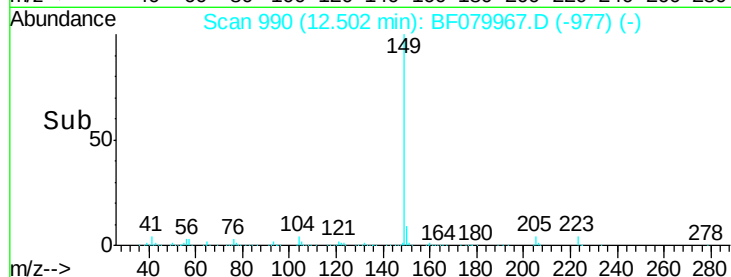
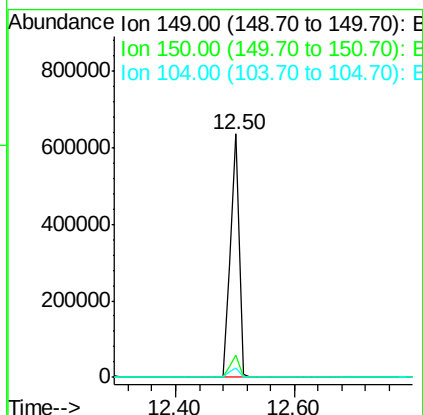
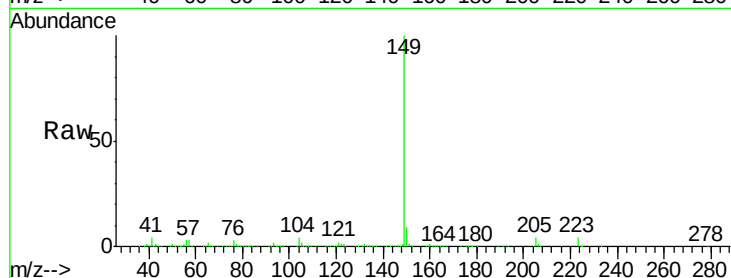
ClientSampleId :

PZ-1-6-4-15MSD

Tgt Ion:	149	Resp:	645412
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.2	10.8
104	3.7	3.3	4.9

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#74

Fluoranthene

Concen: 49.29 ng

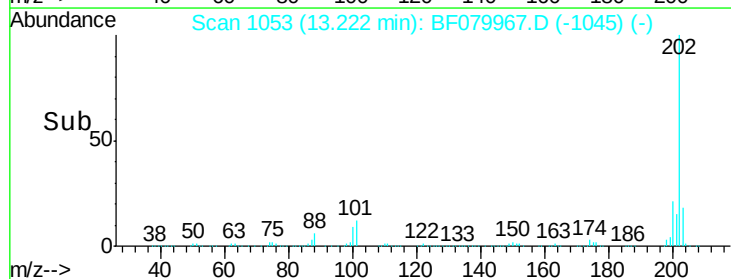
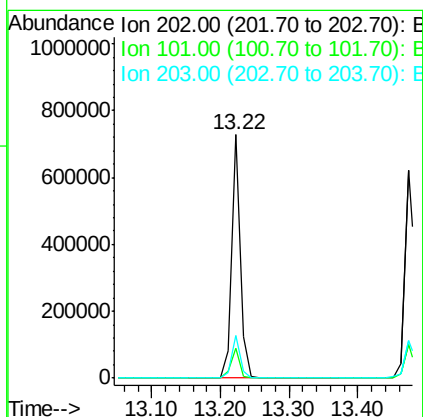
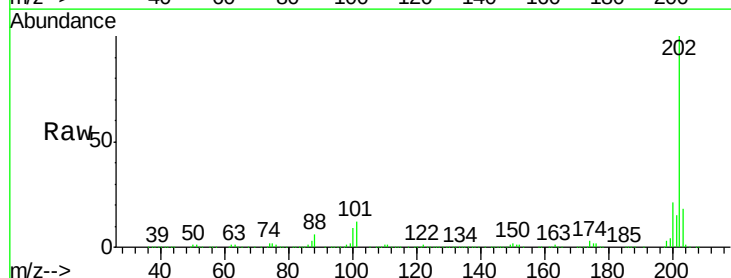
RT: 13.22 min Scan# 1053

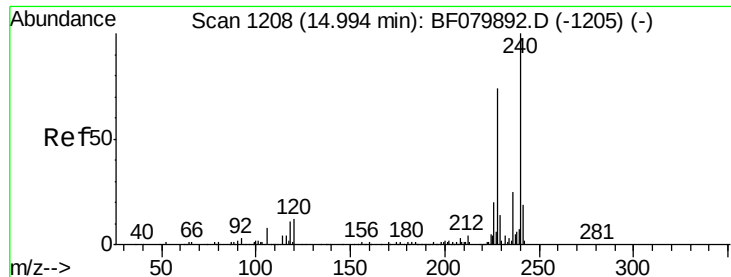
Delta R.T. -0.11 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion:	202	Resp:	654062
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	30.7
203	17.6	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng m

RT: 14.87 min Scan# 1197

Delta R.T. -0.27 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

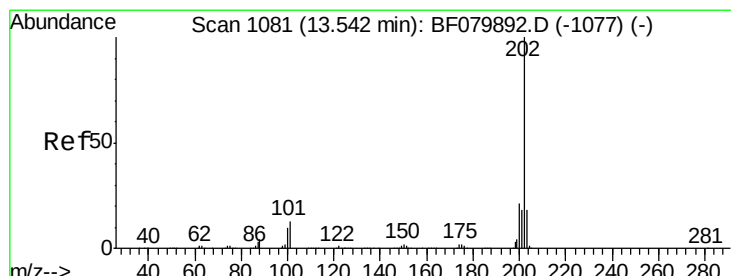
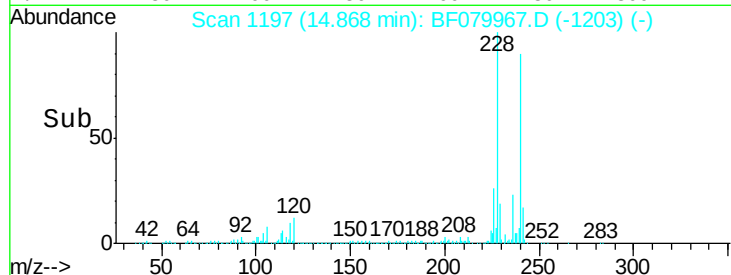
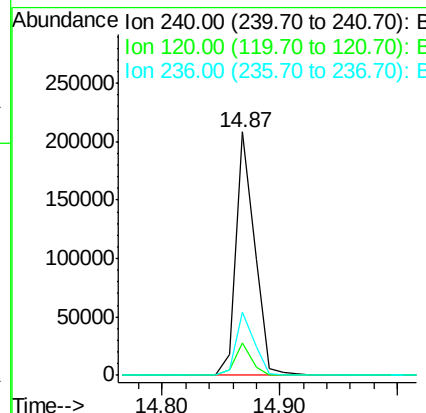
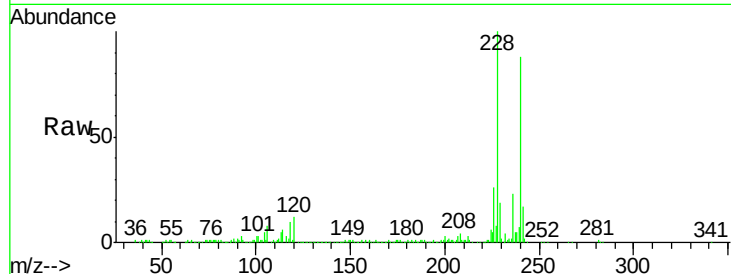
ClientSampleId :

PZ-1-6-4-15MSD

Tgt Ion:	240	Resp:	230977
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.4	14.2
236	25.9	19.6	29.4

Manual Integrations
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#77

Pyrene

Concen: 46.07 ng

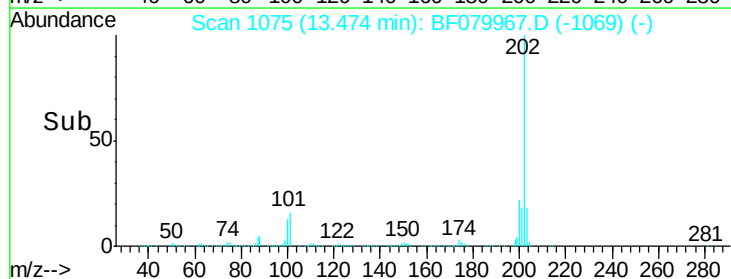
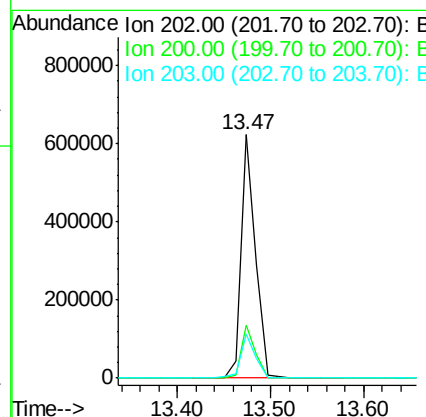
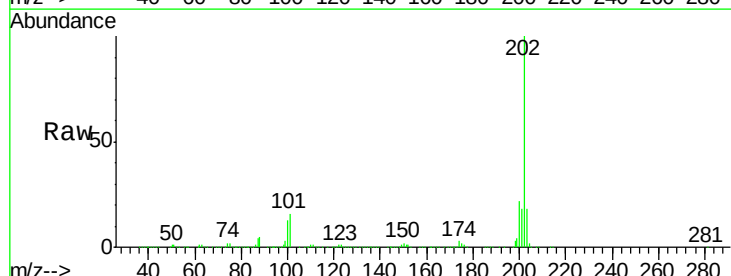
RT: 13.47 min Scan# 1075

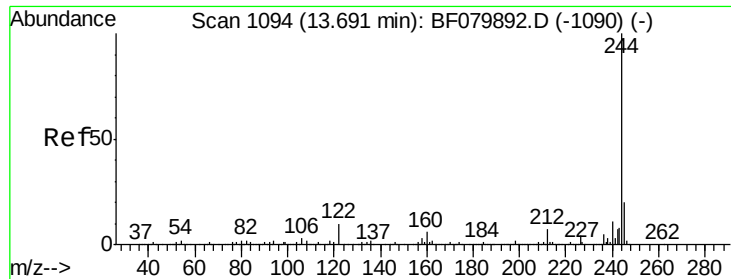
Delta R.T. -0.14 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Tgt Ion:	202	Resp:	668380
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.8	25.2
203	18.0	14.4	21.6





#78

Terphenyl-d14

Concen: 87.44 ng

RT: 13.62 min Scan# 1088

Delta R.T. -0.15 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

ClientSampleId :

PZ-1-6-4-15MSD

Tgt Ion: 244 Resp: 875988

Ion Ratio Lower Upper

244 100

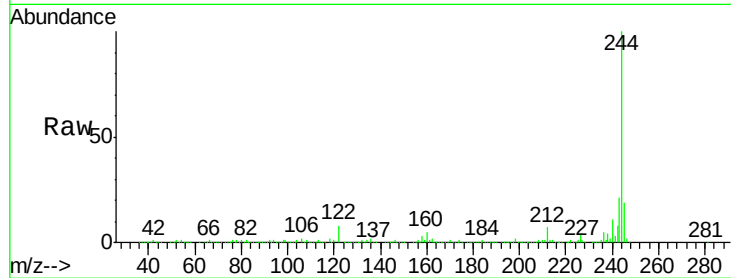
212 6.5 5.4 8.2

122 7.8 7.8 11.8#

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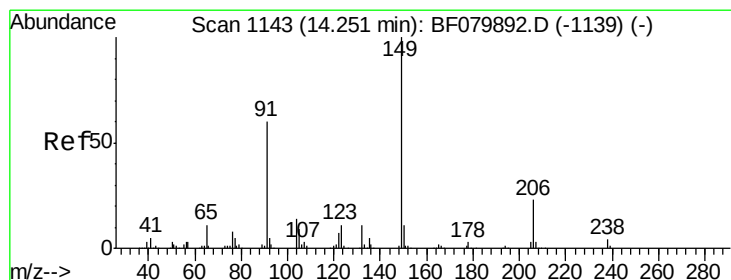
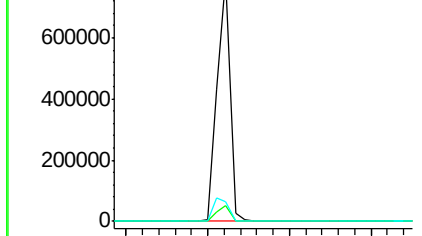
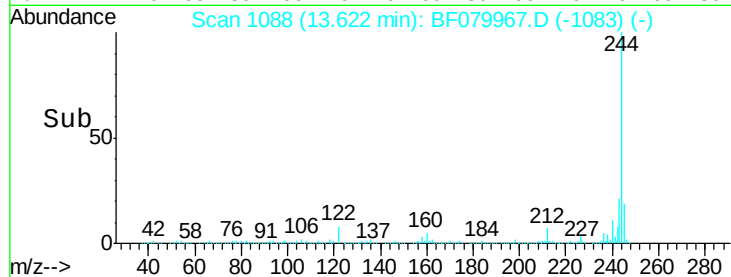


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#79

Butylbenzylphthalate

Concen: 59.03 ng

RT: 14.15 min Scan# 1134

Delta R.T. -0.22 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

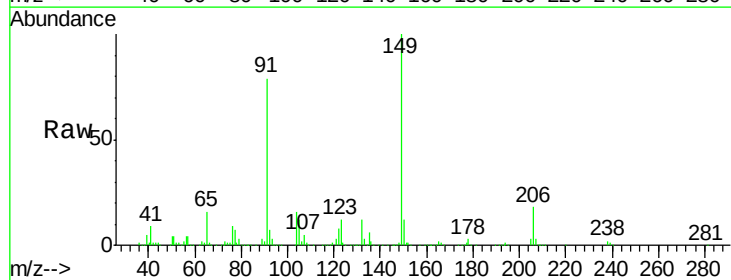
Tgt Ion: 149 Resp: 289157

Ion Ratio Lower Upper

149 100

91 78.5 48.1 72.1#

206 18.2 18.6 27.8#

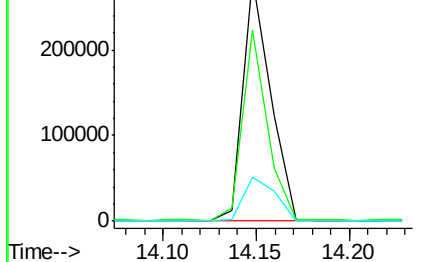
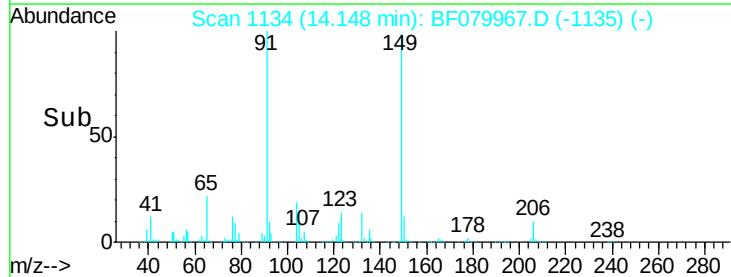


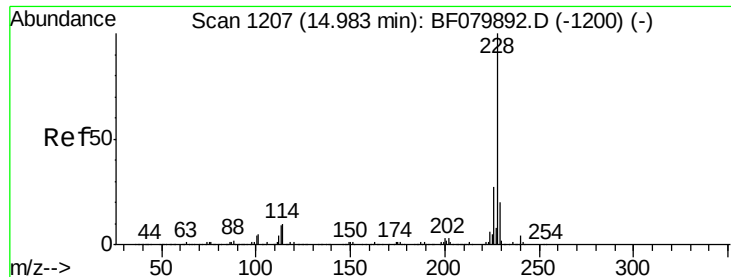
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time-->





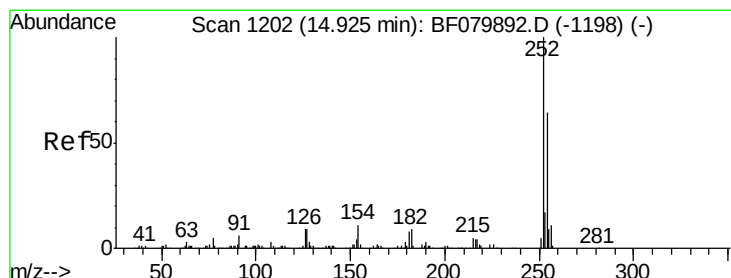
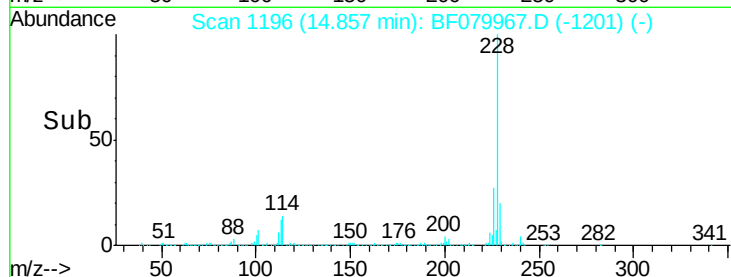
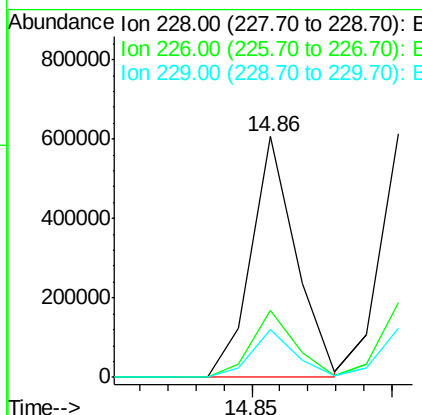
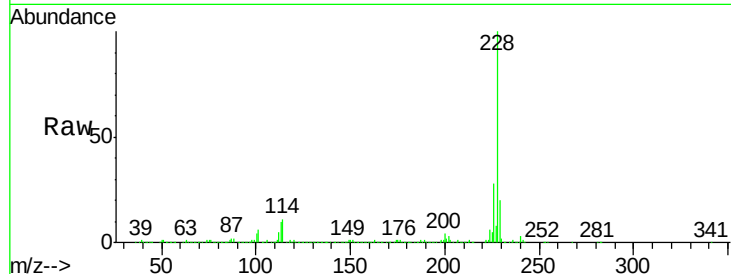
#80
Benzo(a)anthracene
Concen: 46.00 ng m
RT: 14.86 min Scan# 1196
Delta R.T. -0.26 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.0	15.9	23.9

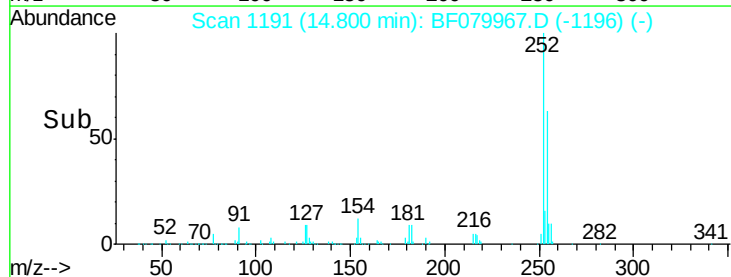
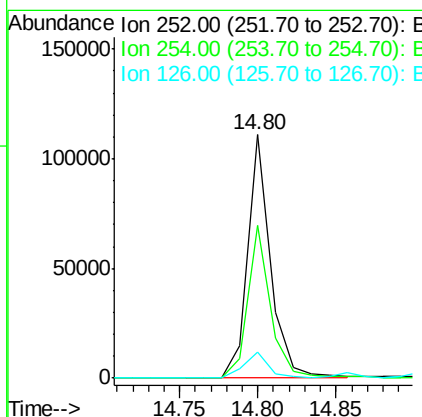
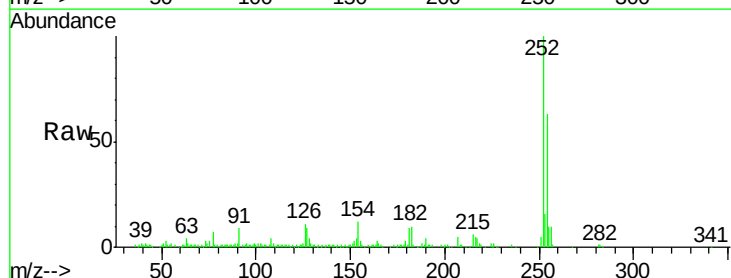
Manual Integrations
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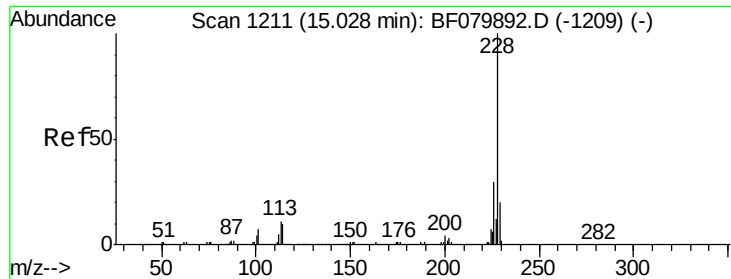
apatel
6/15/2015 1:00:42 PM



#81
3,3'-Dichlorobenzidine
Concen: 24.10 ng m
RT: 14.80 min Scan# 1191
Delta R.T. -0.26 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.1	76.7
126	10.7	7.3	10.9





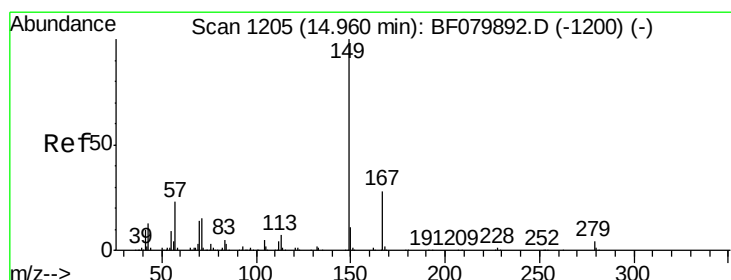
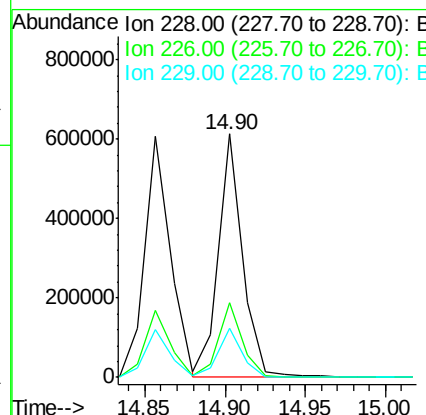
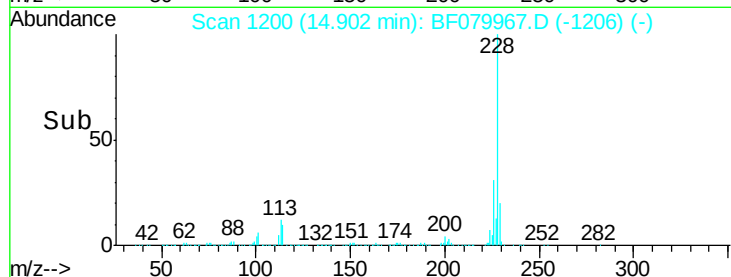
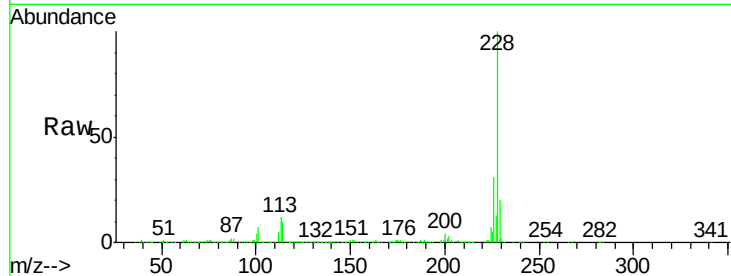
#82
Chrysene
Concen: 49.71 ng m
RT: 14.90 min Scan# 1200
Delta R.T. -0.27 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	642990		
226	30.9	23.9	35.9	
229	20.0	16.1	24.1	

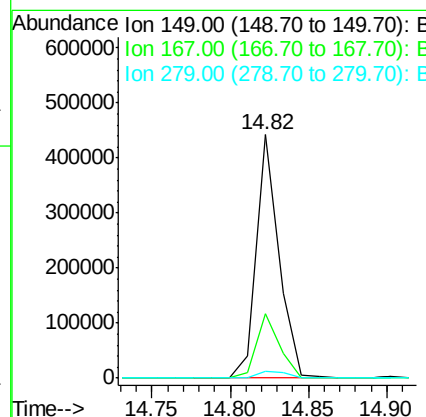
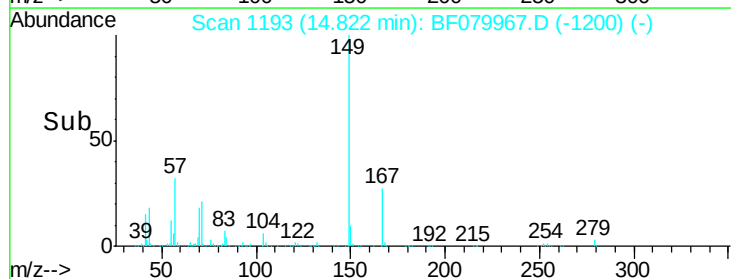
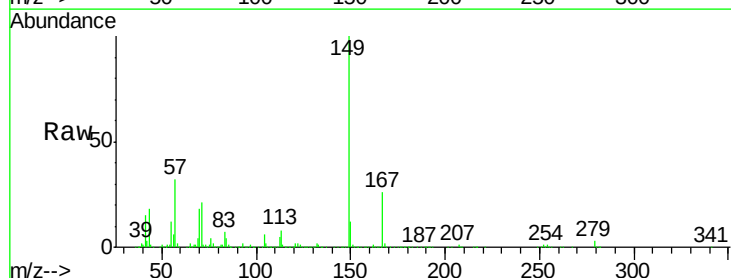
Manual Integrations
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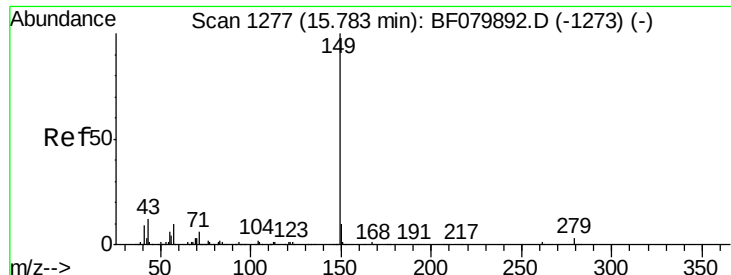
apatel
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#83
Bis(2-ethylhexyl)phthalate
Concen: 56.69 ng m
RT: 14.82 min Scan# 1193
Delta R.T. -0.29 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	444446		
167	26.3	22.2	33.4	
279	2.6	3.1	4.7#	





#84

Di-n-octyl phthalate

Concen: 60.43 ng m

RT: 15.61 min Scan# 1262

Delta R.T. -0.35 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

Instrument :

BNA_F

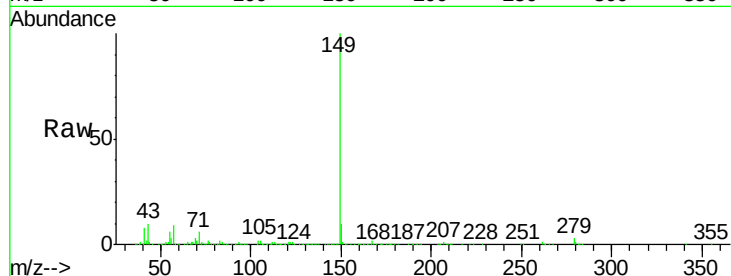
ClientSampleId :

PZ-1-6-4-15MSD

Tgt Ion:	149	Resp:	772680
Ion Ratio	Lower	Upper	
149	100		
167	0.1	1.1	1.7#
43	0.2	8.8	13.2#

Manual Integrations
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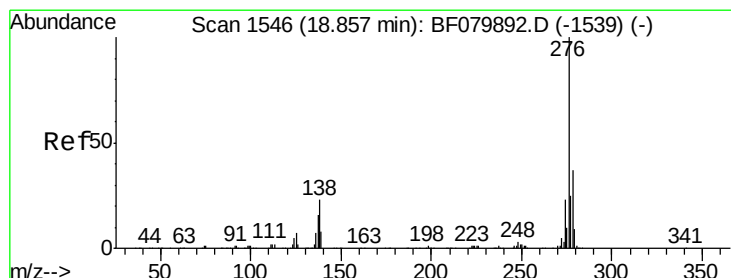
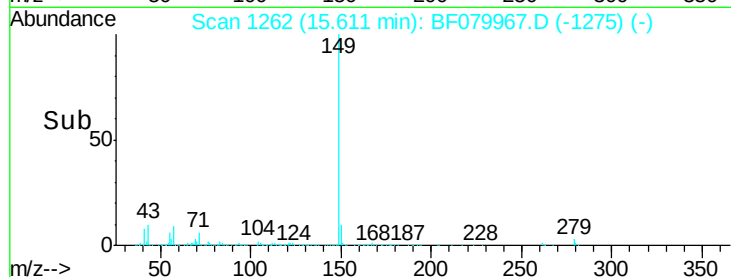
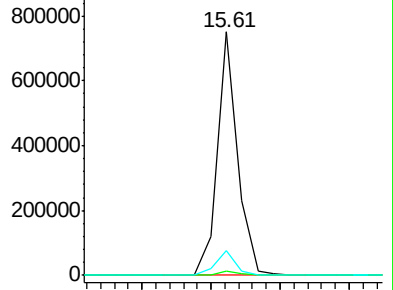
apatel
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 50.38 ng m

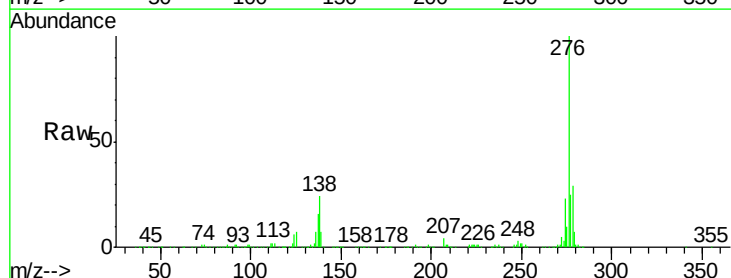
RT: 18.64 min Scan# 1527

Delta R.T. -0.38 min

Lab File: BF079967.D

Acq: 13 Jun 2015 9:12

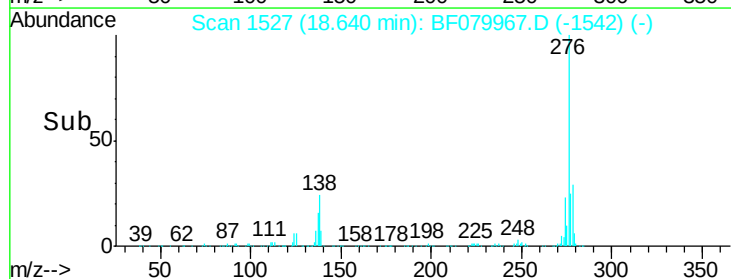
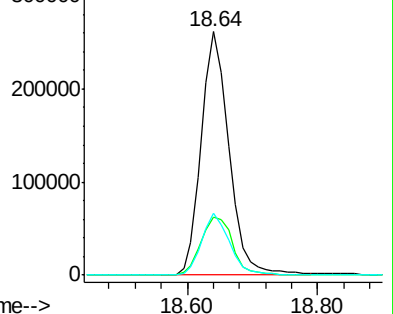
Tgt Ion:	276	Resp:	773769
Ion Ratio	Lower	Upper	
276	100		
138	0.0	21.0	31.4#
277	0.0	19.9	29.9#

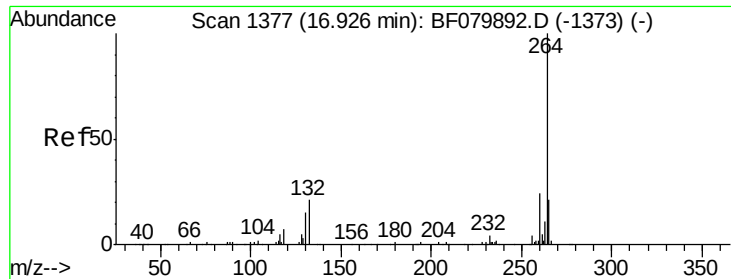


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





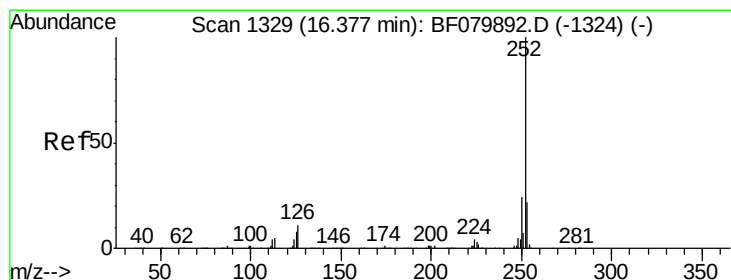
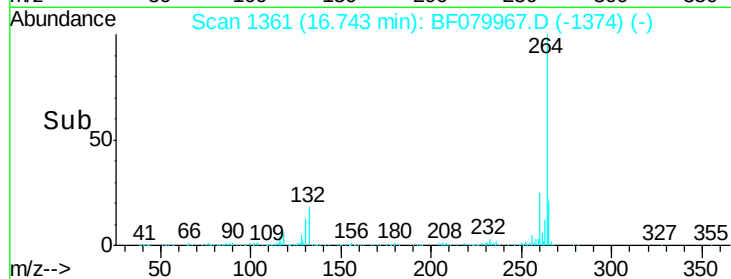
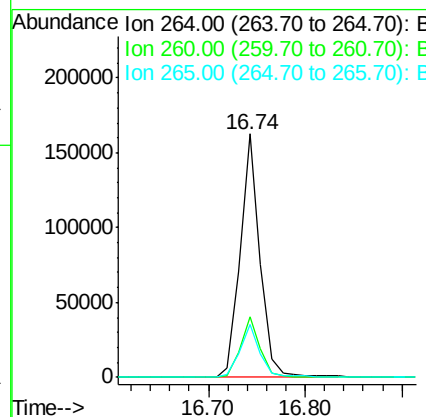
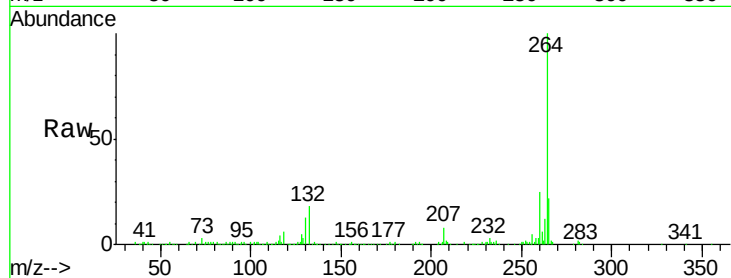
#86
Perylene-d12
Concen: 20.00 ng m
RT: 16.74 min Scan# 1361
Delta R.T. -0.35 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.6	17.0	25.6

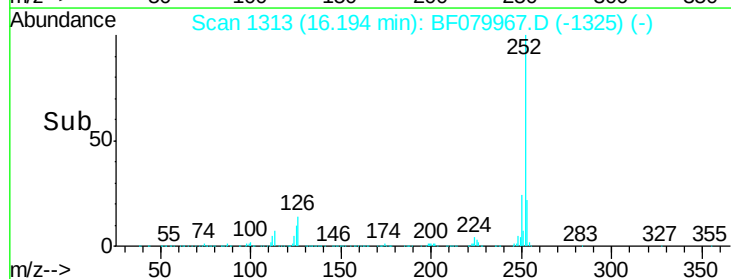
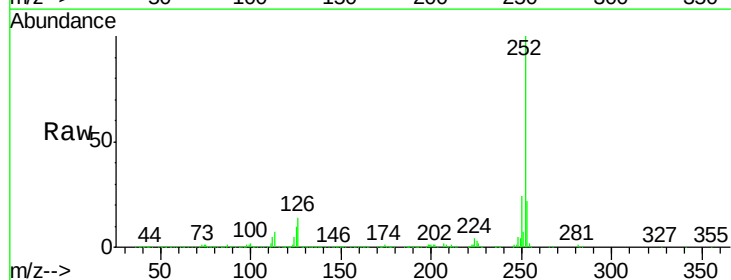
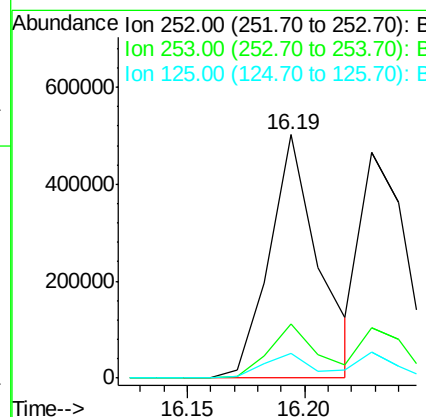
Manual Integrations
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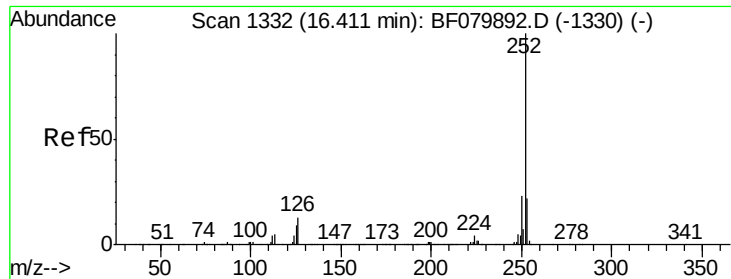
apatel
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#87
Benzo(b)fluoranthene
Concen: 51.80 ng m
RT: 16.19 min Scan# 1313
Delta R.T. -0.34 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.3	6.5	9.7#





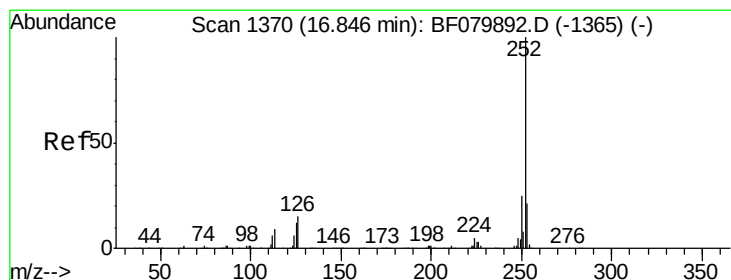
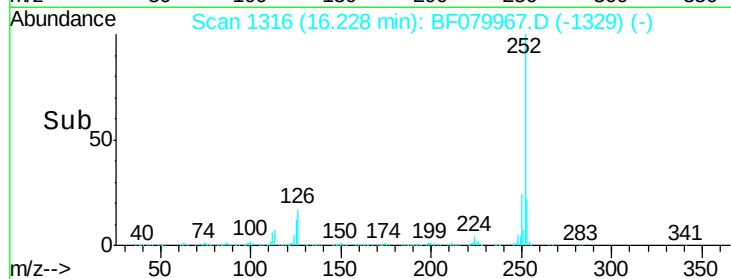
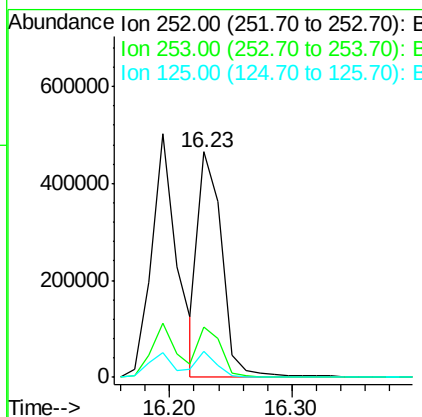
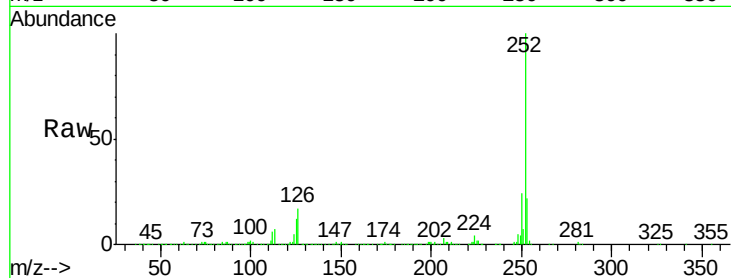
#88
Benzo(k)fluoranthene
Concen: 43.59 ng m
RT: 16.23 min Scan# 1316
Delta R.T. -0.35 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.6	7.4	11.0

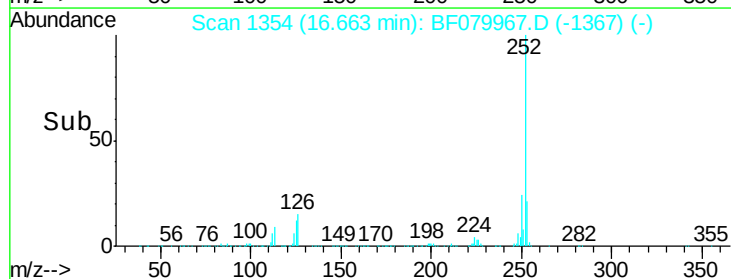
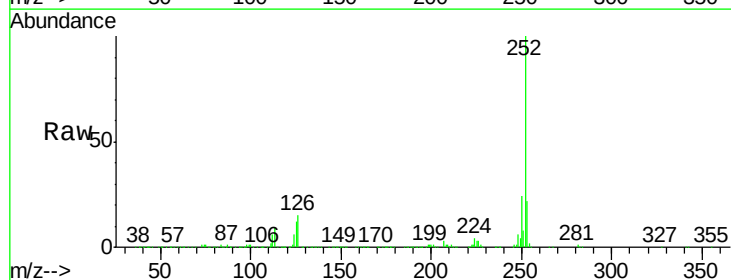
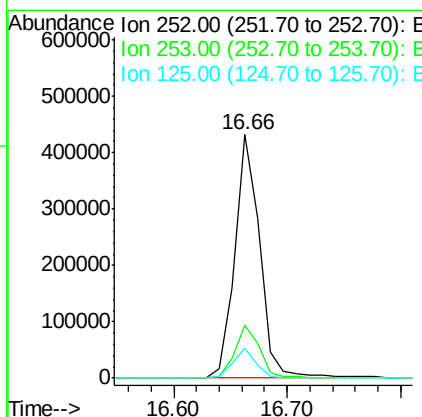
Manual Integrations
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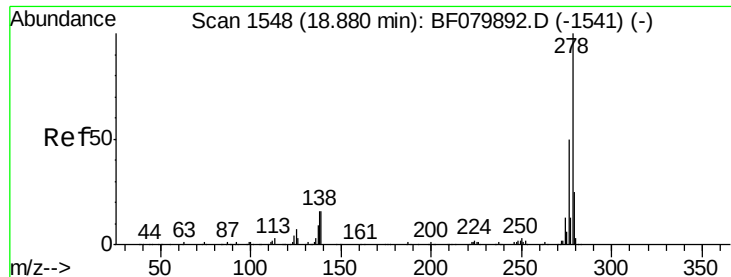
apatel
6/15/2015 1:00:42 PM



#89
Benzo(a)pyrene
Concen: 49.53 ng m
RT: 16.66 min Scan# 1354
Delta R.T. -0.35 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	12.0	9.7	14.5





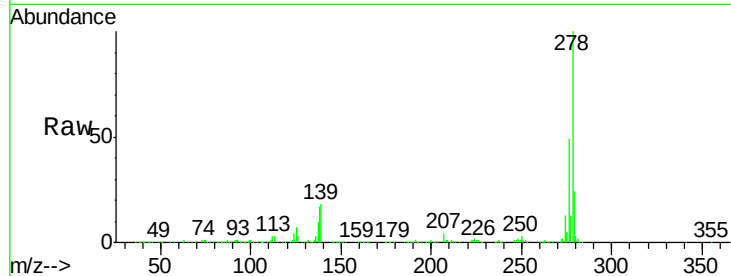
#90
Dibenzo(a,h)anthracene
Concen: 48.96 ng m
RT: 18.66 min Scan# 1529
Delta R.T. -0.38 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Instrument :
BNA_F
ClientSampleId :
PZ-1-6-4-15MSD

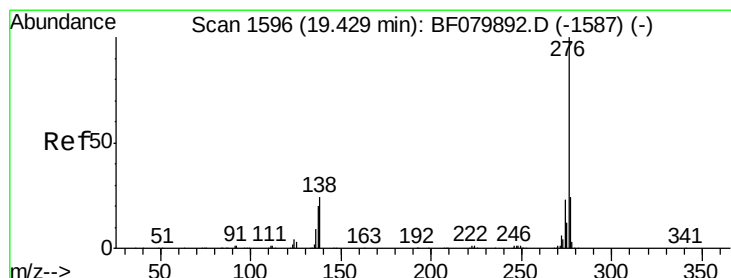
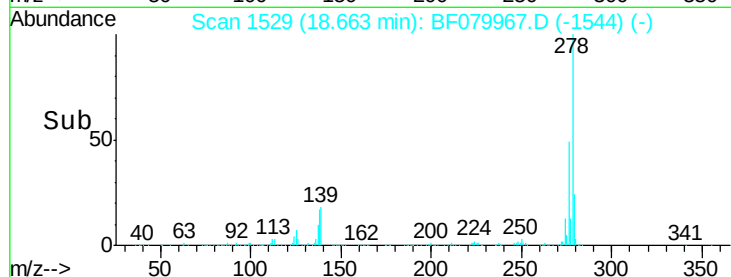
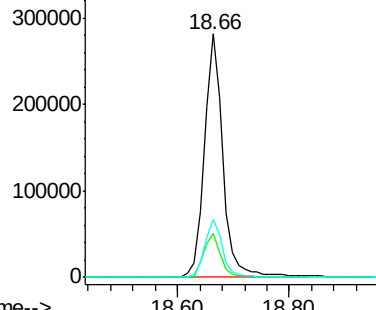
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	12.8	19.2
279	23.6	19.7	29.5

Manual Integrations
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apatel
6/15/2015 1:00:42 PM

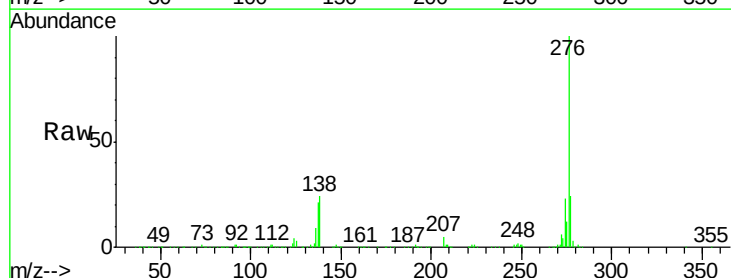


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 48.20 ng m
RT: 19.21 min Scan# 1577
Delta R.T. -0.38 min
Lab File: BF079967.D
Acq: 13 Jun 2015 9:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.2
138	24.0	19.1	28.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

