

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084126.D
 Acq On : 25 Dec 2015 13:34
 Operator : UM/SJ
 Sample : G4961-02MSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Manual Integrations
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Sohil
 12/28/2015 1:10:27 PM

Quant Time: Dec 26 03:40:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49425	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	191096	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	89528	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	165976	20.00	ng	0.00
75) Chrysene-d12	13.96	240	116411	20.00	ng	0.00
86) Perylene-d12	15.38	264	98336	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	379765	130.27	ng	0.01
7) Phenol-d6	6.46	99	490631	136.01	ng	0.01
23) Nitrobenzene-d5	7.37	82	292881	89.71	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	141771	148.49	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	567211	86.69	ng	0.00
78) Terphenyl-d14	12.90	244	491094	76.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	45709	38.26	ng	98
3) Pyridine	3.13	79	125671	43.07	ng	99
4) n-Nitrosodimethylamine	3.08	42	59595	46.35	ng	99
6) Aniline	6.46	93	109587	24.03	ng	# 70
8) 2-Chlorophenol	6.59	128	163187	45.08	ng	100
9) Benzaldehyde	6.35	77	46323	24.01	ng	91
10) Phenol	6.48	94	210894	51.12	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	133981	45.03	ng	91
12) 1,3-Dichlorobenzene	6.74	146	170080	43.03	ng	97
13) 1,4-Dichlorobenzene	6.82	146	172911m	43.47	ng	
14) 1,2-Dichlorobenzene	6.97	146	154461	42.14	ng	98
15) Benzyl Alcohol	6.96	79	140951	51.60	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.08	45	120056	41.31	ng	# 1
17) 2-Methylphenol	7.08	107	127351	45.81	ng	# 89
18) Hexachloroethane	7.31	117	61988	42.70	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	95067	42.79	ng	# 86
20) 3+4-Methylphenols	7.23	107	168413	47.49	ng	# 51
22) Acetophenone	7.22	105	222005	46.50	ng	# 88
24) Nitrobenzene	7.39	77	163464	47.16	ng	91
25) Isophorone	7.63	82	279836	46.34	ng	95
26) 2-Nitrophenol	7.71	139	85030	47.93	ng	93
27) 2,4-Dimethylphenol	7.76	122	149363	50.73	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	160016	45.45	ng	99
29) 2,4-Dichlorophenol	7.96	162	130652	47.78	ng	91
30) 1,2,4-Trichlorobenzene	8.03	180	137774	45.97	ng	98
31) Naphthalene	8.11	128	473270	46.55	ng	99
32) Benzoic acid	7.88	122	34412	24.37	ng	93
33) 4-Chloroaniline	8.17	127	50439	12.47	ng	# 89
34) Hexachlorobutadiene	8.22	225	73388	42.94	ng	98
35) Caprolactam	8.53	113	42319m	55.80	ng	
36) 4-Chloro-3-methylphenol	8.67	107	156739	50.97	ng	94
37) 2-Methylnaphthalene	8.80	142	302177	47.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	131062	46.44	ng	99
40) Hexachlorocyclopentadiene	8.96	237	72157	85.45	ng	98

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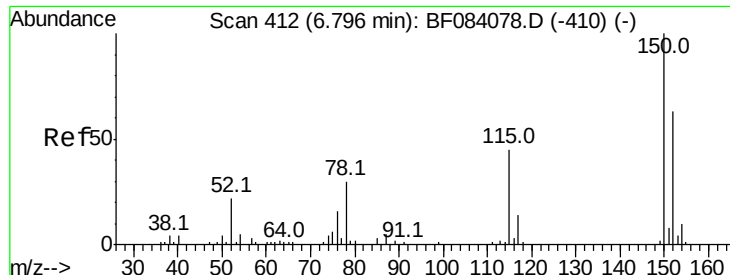
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	80534	43.76	nq	96
43) 2,4,5-Trichlorophenol	9.14	196	88556	48.08	nq	98
45) 1,1'-Biphenyl	9.26	154	400541	49.52	nq	97
46) 2-Chloronaphthalene	9.29	162	289985	47.16	nq	95
47) 2-Nitroaniline	9.39	65	88818	54.36	nq	# 76
48) Acenaphthylene	9.70	152	434626	43.04	nq	99
49) Dimethylphthalate	9.57	163	521704	70.36	nq	# 91
50) 2,6-Dinitrotoluene	9.63	165	73325	46.59	nq	# 66
51) Acenaphthene	9.87	154	256145	43.61	nq	99
52) 3-Nitroaniline	9.80	138	44052	26.08	nq	# 76
53) 2,4-Dinitrophenol	9.92	184	35654	63.99	nq	90
54) Dibenzofuran	10.04	168	375065	46.44	nq	# 89
55) 4-Nitrophenol	10.00	139	82788	96.03	nq	97
56) 2,4-Dinitrotoluene	10.04	165	106973	51.49	nq	91
57) Fluorene	10.38	166	300378	43.76	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	66526	50.67	nq	97
59) Diethylphthalate	10.27	149	362690	48.15	nq	100
60) 4-Chlorophenyl-phenylether	10.37	204	129671	40.96	nq	# 79
61) 4-Nitroaniline	10.42	138	74400	47.66	nq	97
62) Azobenzene	10.53	77	309415	49.86	nq	89
64) 4,6-Dinitro-2-methylphenol	10.45	198	41764	45.33	nq	88
65) n-Nitrosodiphenylamine	10.50	169	280044	47.33	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	87750	45.64	nq	# 76
67) Hexachlorobenzene	10.93	284	93206	44.28	nq	# 73
68) Atrazine	11.04	200	88921	49.90	nq	92
69) Pentachlorophenol	11.14	266	66415	94.38	nq	99
70) Phenanthrene	11.34	178	434406	44.15	nq	99
71) Anthracene	11.40	178	472711	45.94	nq	99
72) Carbazole	11.55	167	407722	46.58	nq	99
73) Di-n-butylphthalate	11.88	149	491580	43.59	nq	# 98
74) Fluoranthene	12.53	202	455807	44.65	nq	97
76) Benzidine	12.65	184	141186	35.68	nq	100
77) Pyrene	12.76	202	478642	47.66	nq	100
79) Butylbenzylphthalate	13.38	149	203329	48.91	nq	# 76
80) Benzo(a)anthracene	13.95	228	332387	46.42	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	80370	37.06	nq	# 95
82) Chrysene	13.99	228	316048	47.86	nq	100
83) Bis(2-ethylhexyl)phthalate	13.94	149	267770	49.85	nq	# 96
84) Di-n-octyl phthalate	14.55	149	402786	53.29	nq	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	322584	48.79	nq	99
87) Benzo(b)fluoranthene	14.98	252	323996m	44.37	nq	
88) Benzo(k)fluoranthene	15.00	252	253072m	51.14	nq	
89) Benzo(a)pyrene	15.32	252	280310	46.59	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	267461	45.55	nq	96
91) Benzo(g,h,i)perylene	17.19	276	271117	45.24	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion:152 Resp: 49425

Ion Ratio Lower Upper

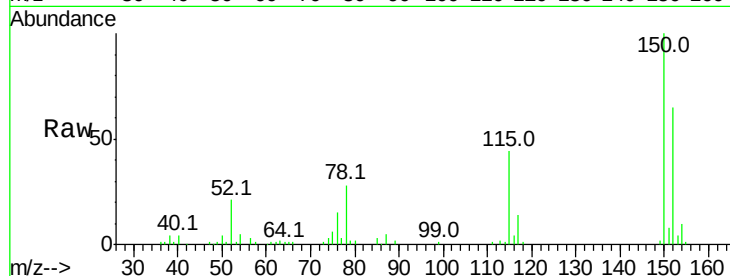
152 100

150 153.9 123.0 184.4

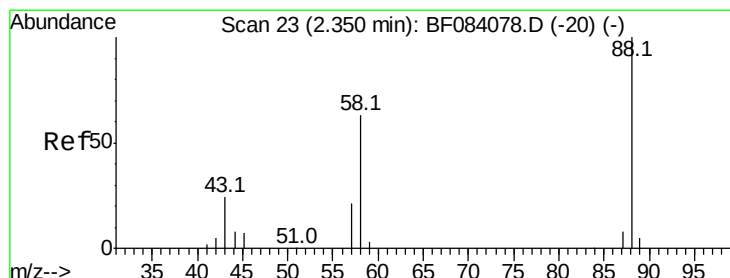
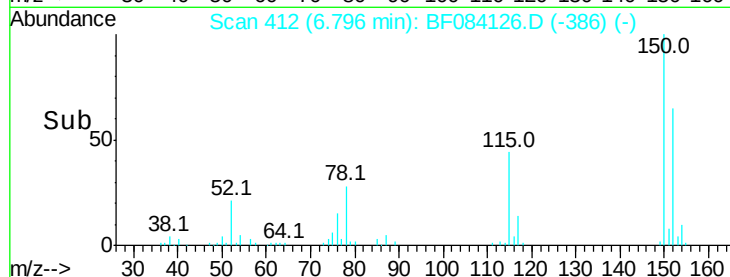
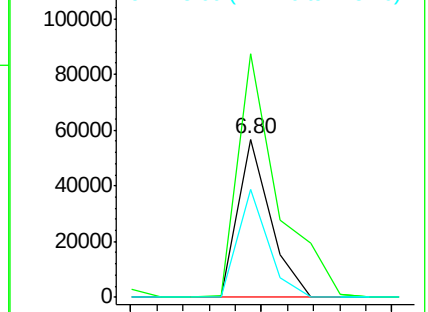
115 68.3 51.4 77.2

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



#2

1,4-Dioxane

Concen: 38.26 ng

RT: 2.42 min Scan# 29

Delta R.T. 0.07 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

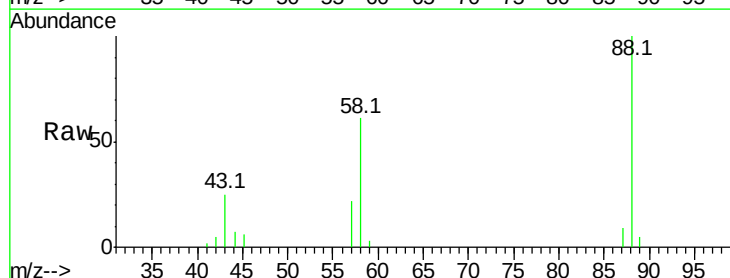
Tgt Ion: 88 Resp: 45709

Ion Ratio Lower Upper

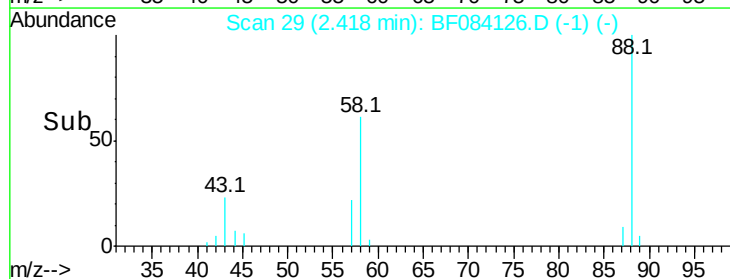
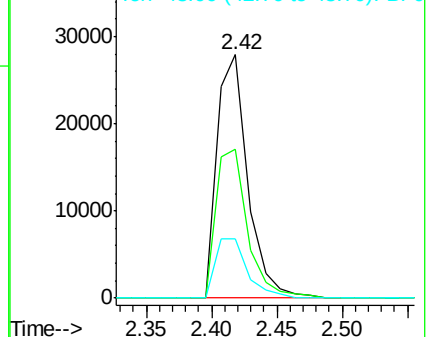
88 100

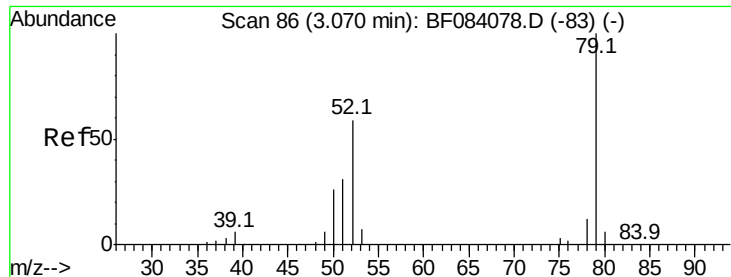
58 63.0 51.2 76.8

43 25.9 19.5 29.3



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





#3

Pvridine

Concen: 43.07 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.06 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

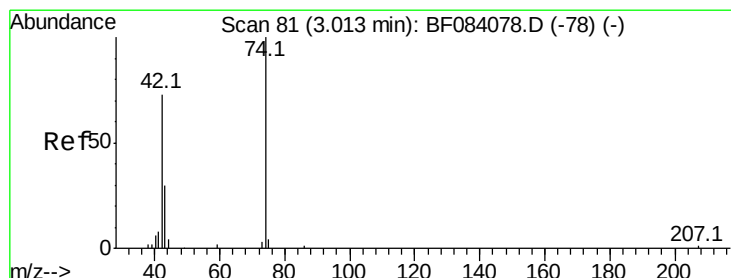
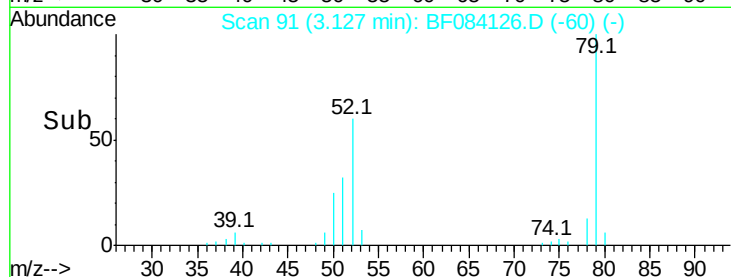
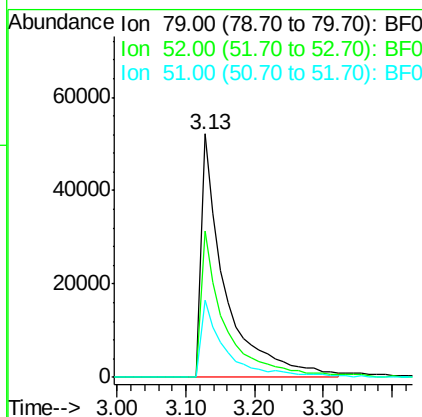
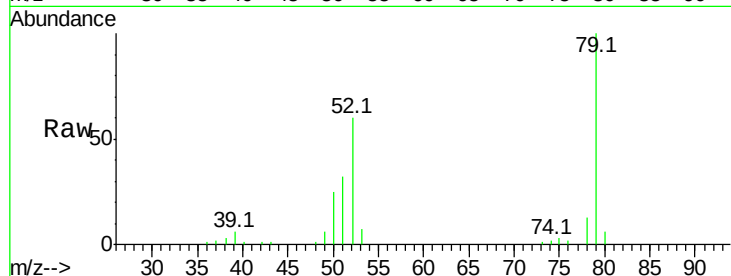
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion:	79	Resp:	125671
Ion Ratio	Lower	Upper	
79	100		
52	60.0	49.0	73.4
51	31.6	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 46.35 ng

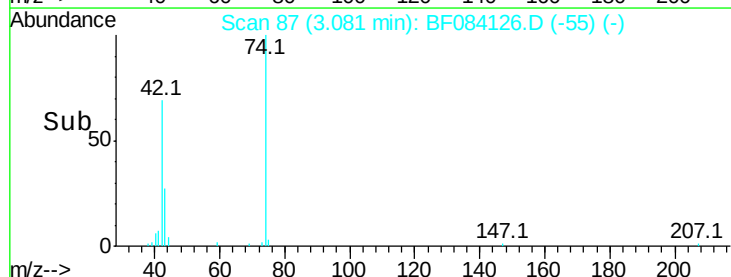
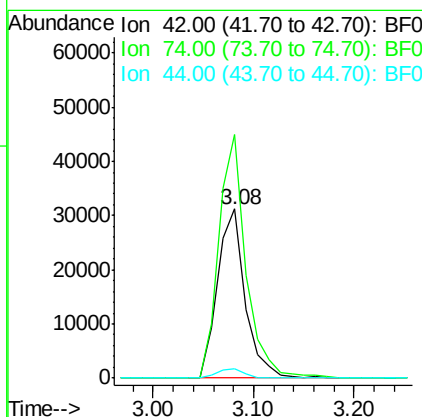
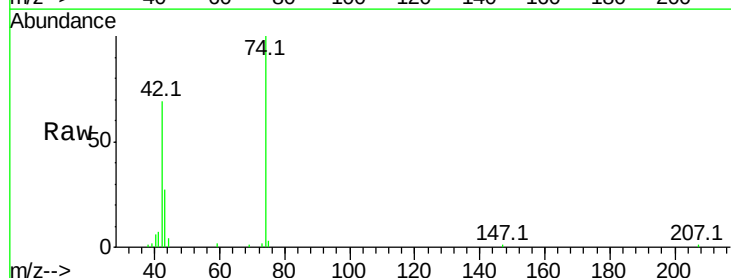
RT: 3.08 min Scan# 87

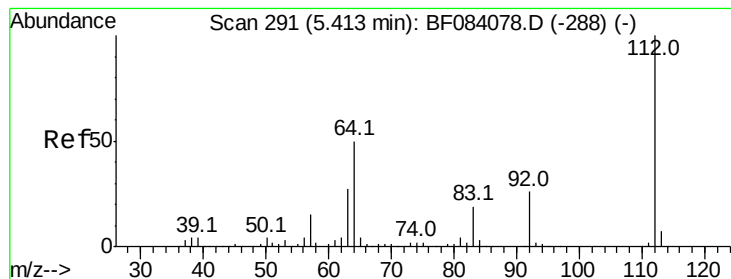
Delta R.T. 0.07 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:	42	Resp:	59595
Ion Ratio	Lower	Upper	
42	100		
74	144.0	115.7	173.5
44	5.9	5.1	7.7





#5

2-Fluorophenol

Concen: 130.27 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

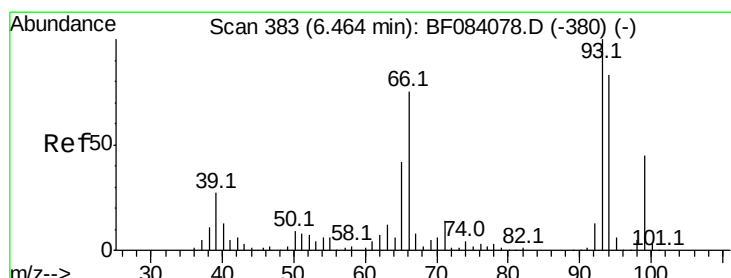
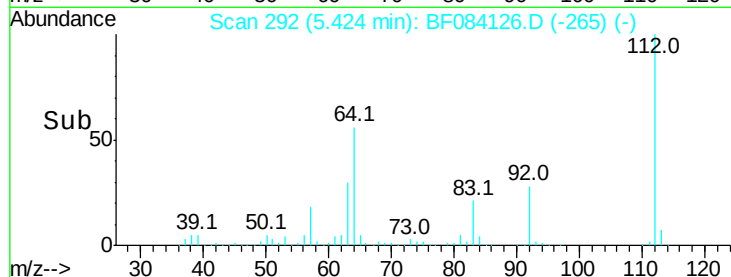
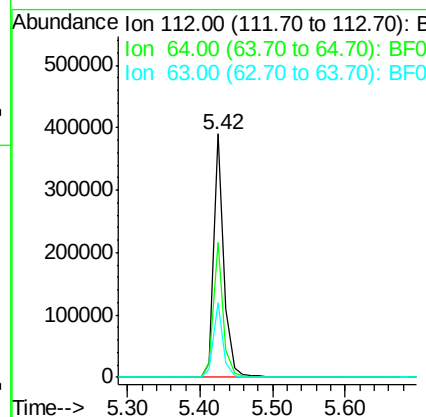
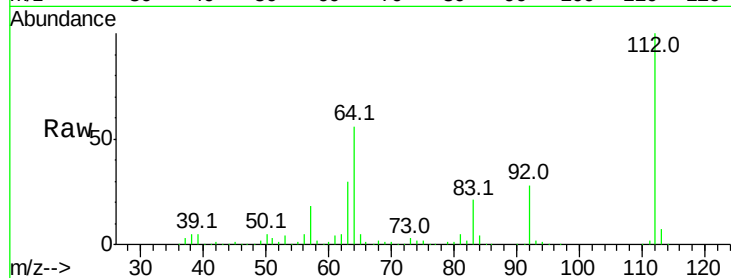
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	379765		
64	55.6	36.6	55.0#	
63	30.4	19.4	29.0#	

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#6

Aniline

Concen: 24.03 ng

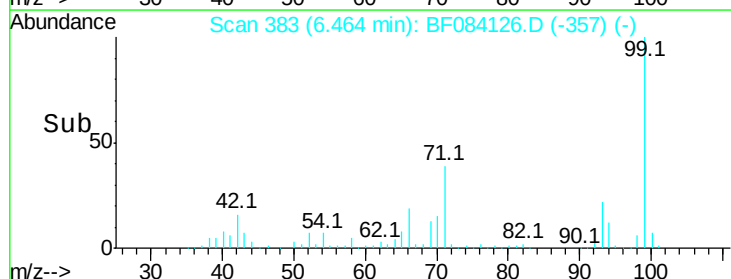
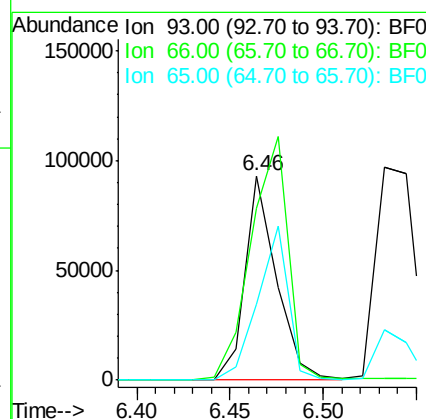
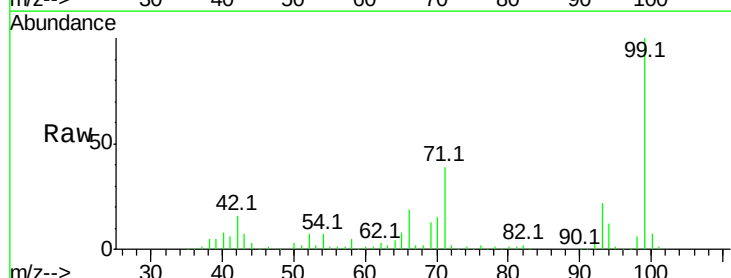
RT: 6.46 min Scan# 383

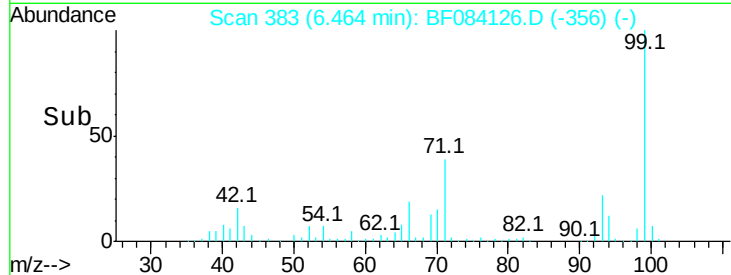
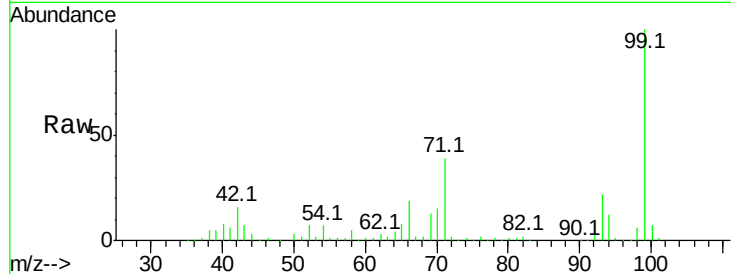
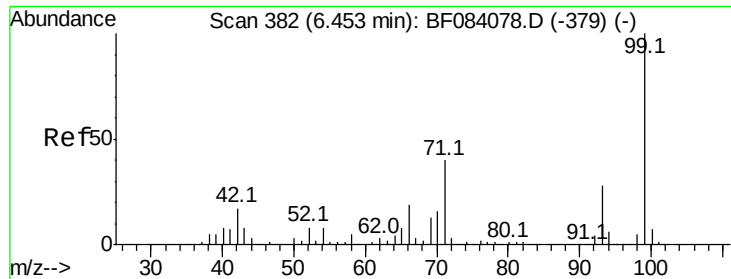
Delta R.T. -0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	109587		
66	84.1	44.9	67.3#	
65	37.1	23.7	35.5#	





#7

Phenol-d6

Concen: 136.01 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF084126.D

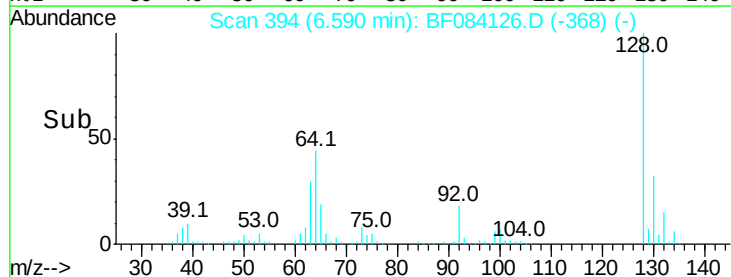
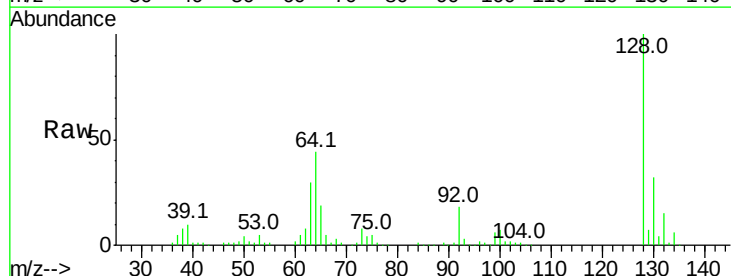
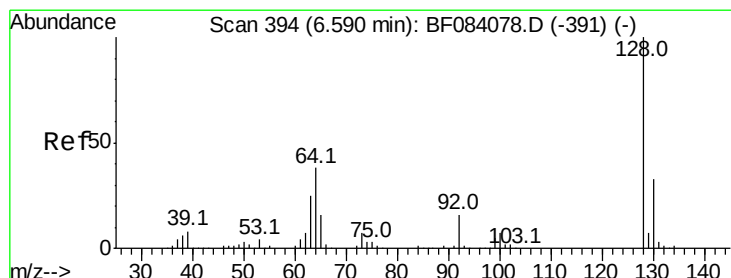
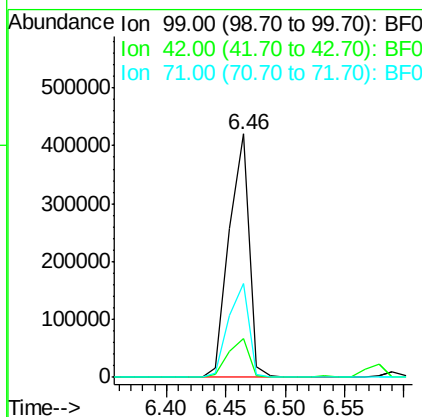
Acq: 25 Dec 2015 13:34

Tot Ion:	99	Resp:	490631
Ion Ratio	Lower	Upper	
99	100		
42	15.7	12.8	19.2
71	38.7	30.9	46.3

Instrument :
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#8

2-Chlorophenol

Concen: 45.08 ng

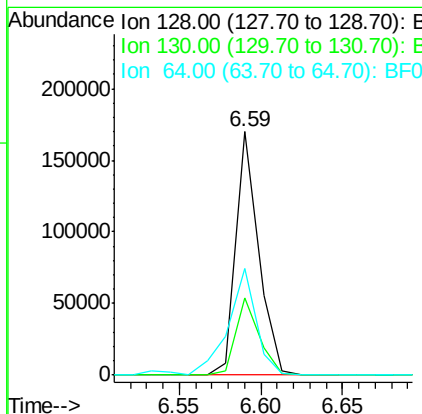
RT: 6.59 min Scan# 394

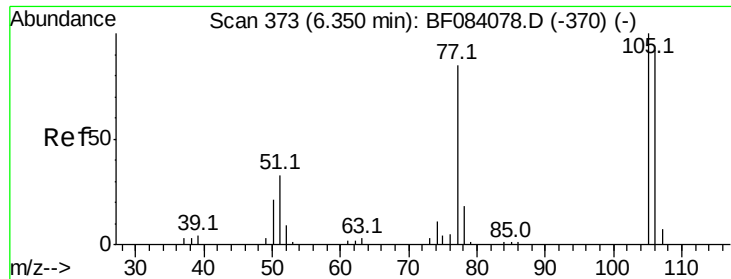
Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:	128	Resp:	163187
Ion Ratio	Lower	Upper	
128	100		
130	31.6	11.6	51.6
64	43.7	23.8	63.8





#9

Benzaldehyde

Concen: 24.01 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion: 77 Resp: 46323

Ion Ratio Lower Upper

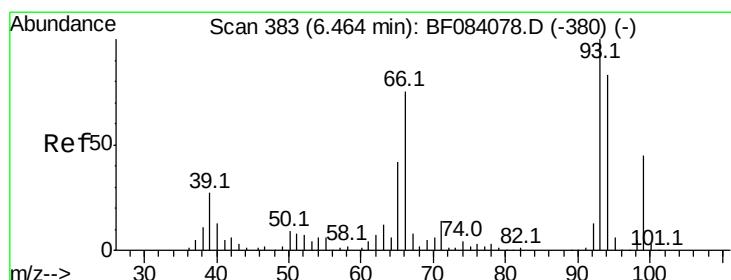
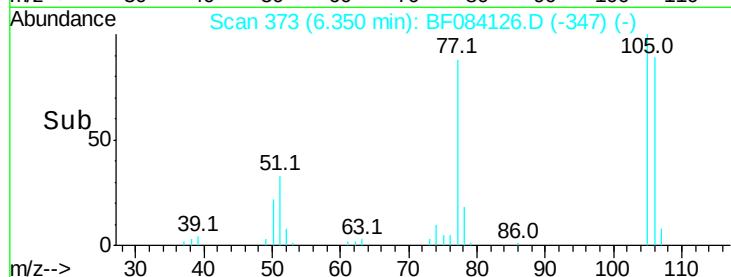
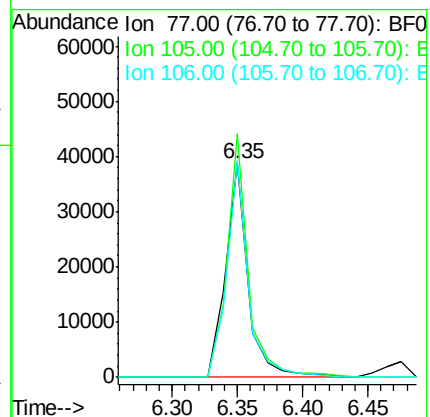
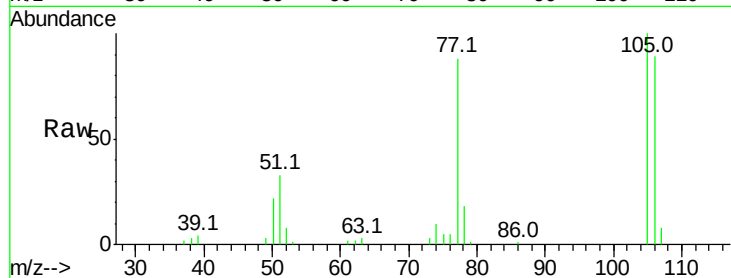
77 100

105 113.8 83.0 123.0

106 101.4 74.6 114.6

Manual Integrations
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#10

Phenol

Concen: 51.12 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

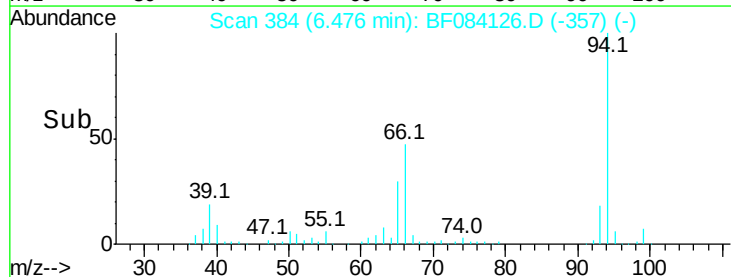
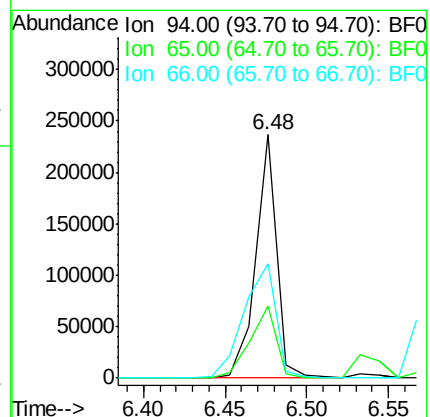
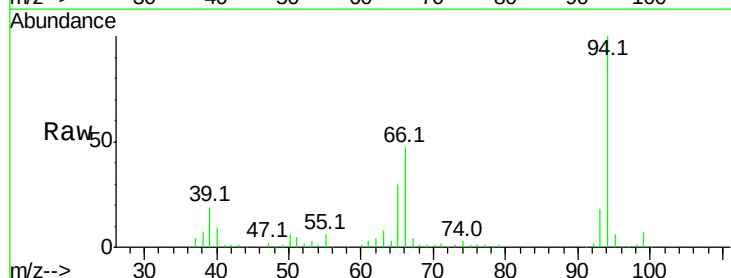
Tgt Ion: 94 Resp: 210894

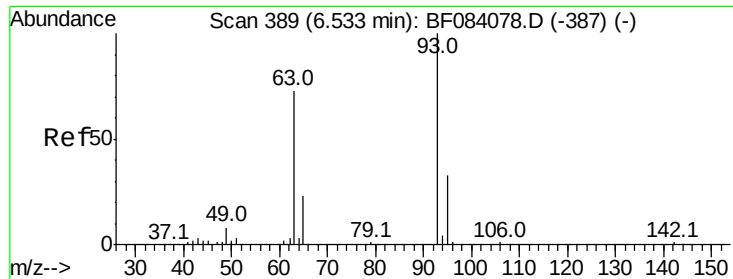
Ion Ratio Lower Upper

94 100

65 29.5 12.9 52.9

66 46.9 32.7 72.7





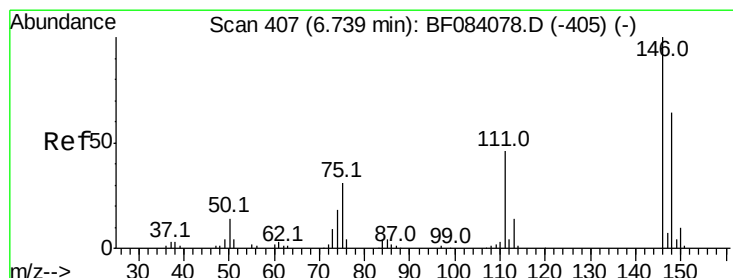
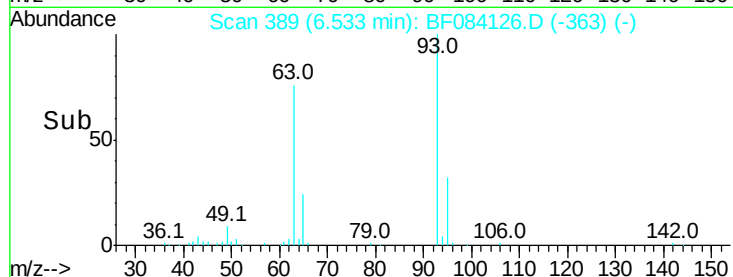
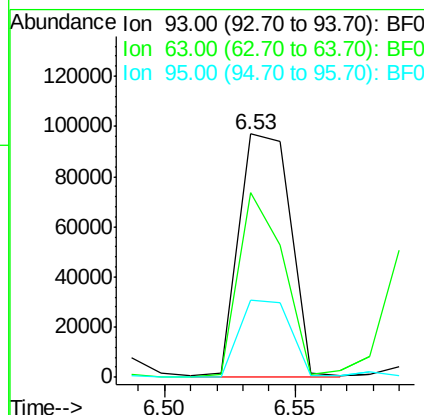
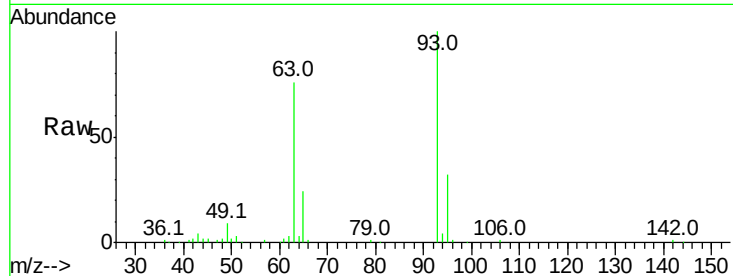
#11
bis(2-Chloroethyl)ether
Concen: 45.03 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion:	93	Resp:	133981
Ion Ratio	Lower	Upper	
93	100		
63	76.0	45.9	85.9
95	31.8	12.3	52.3

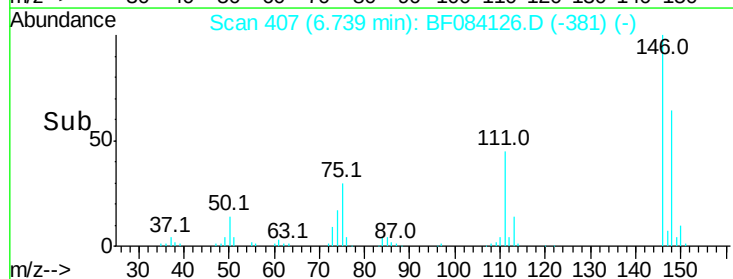
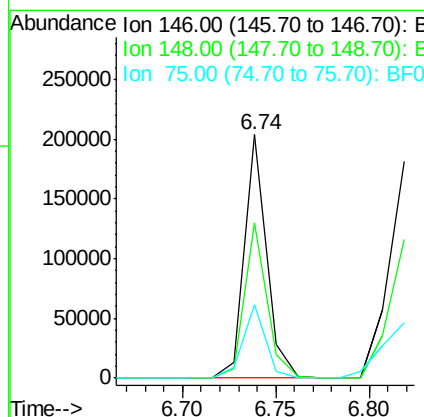
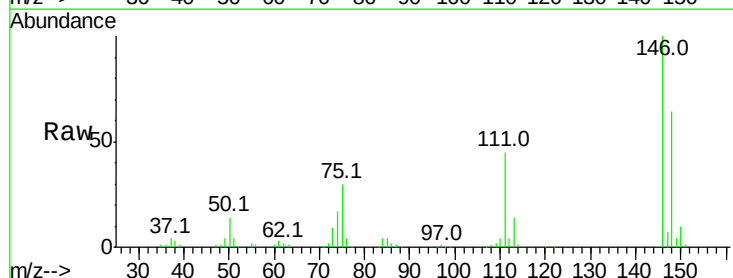
Manual Integrations
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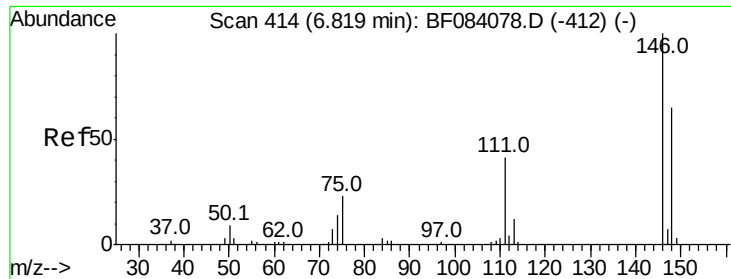
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.03 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion:	146	Resp:	170080
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.9	77.9
75	30.3	20.5	30.7





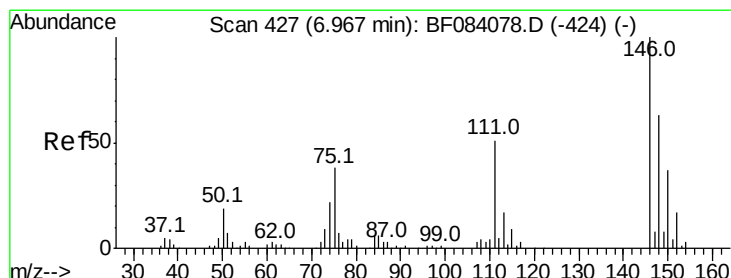
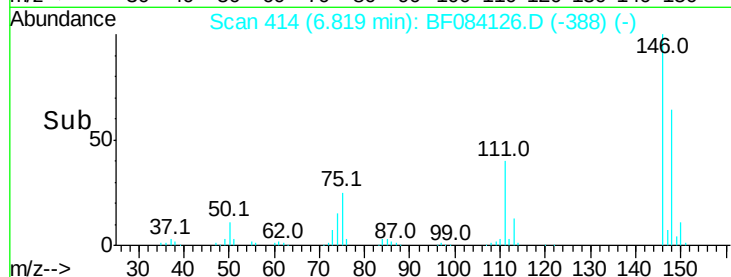
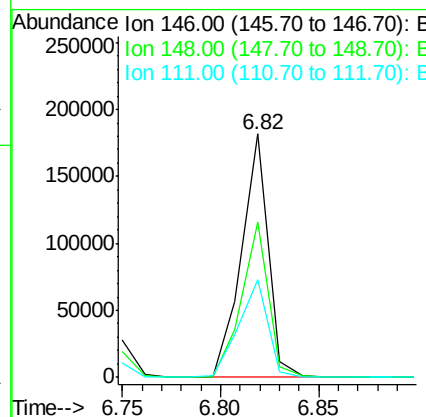
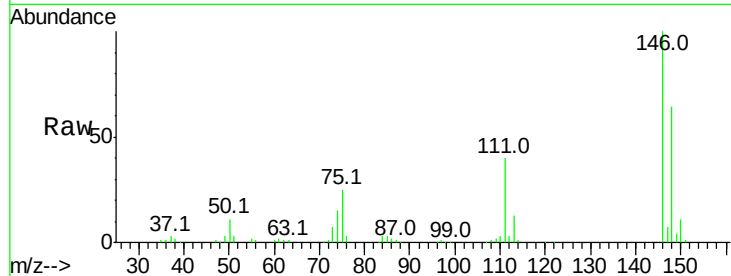
#13
 1,4-Dichlorobenzene
 Concen: 43.47 ng/mL
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	40.1	41.6	62.4

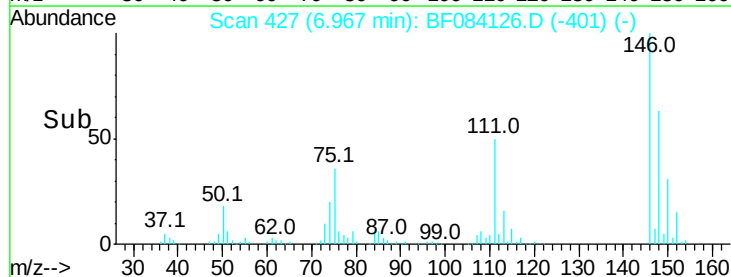
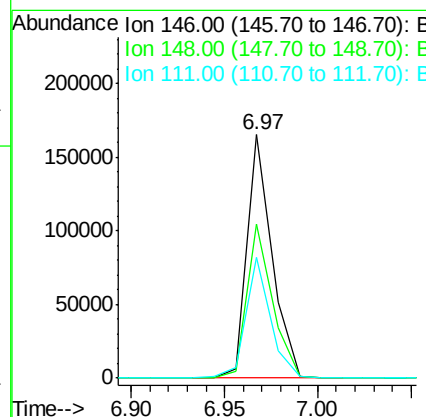
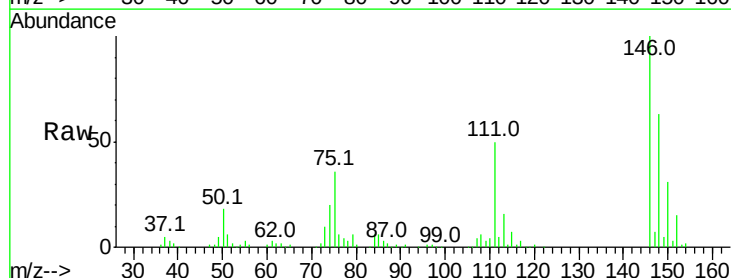
Manual Integrations
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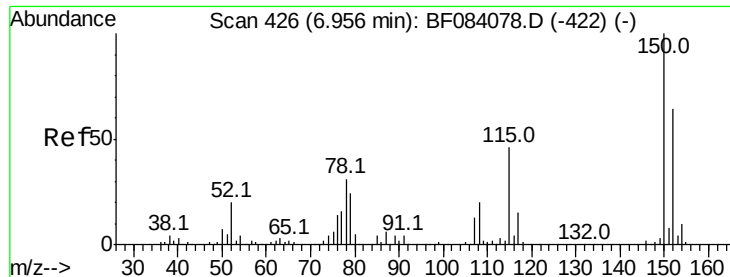
Sohil
 12/28/2015 1:10:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.14 ng/mL
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	49.6	38.0	57.0





#15

Benzyl Alcohol

Concen: 51.60 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

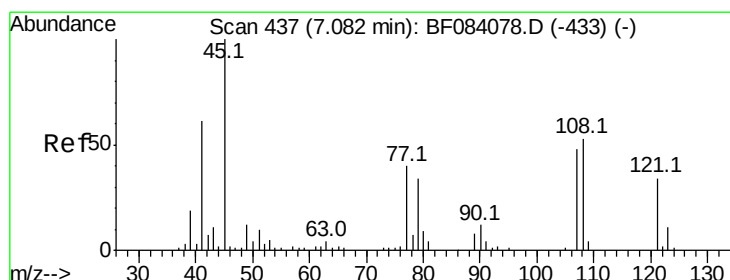
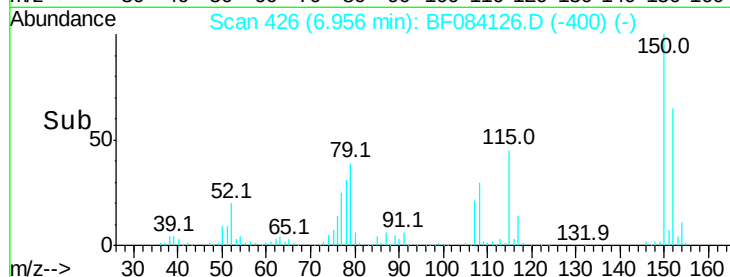
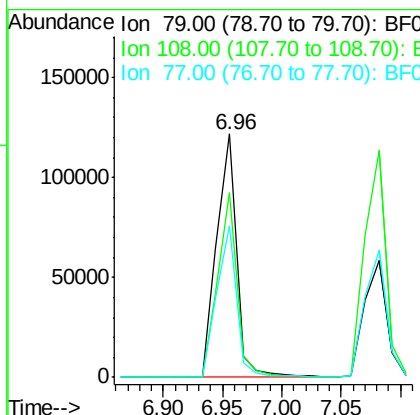
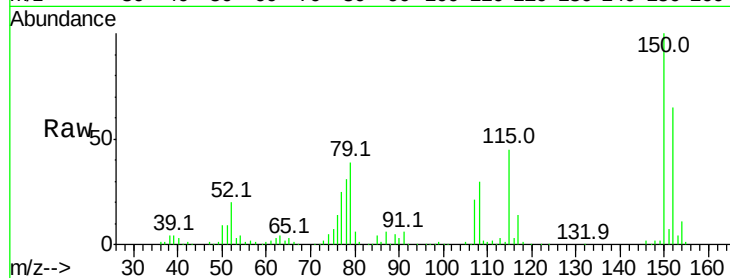
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion:	79	Resp:	140951
Ion Ratio	Lower	Upper	
79	100		
108	75.9	69.0	103.4
77	62.3	50.0	75.0

Manual Integrations
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12/28/2015 1:10:27 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.31 ng

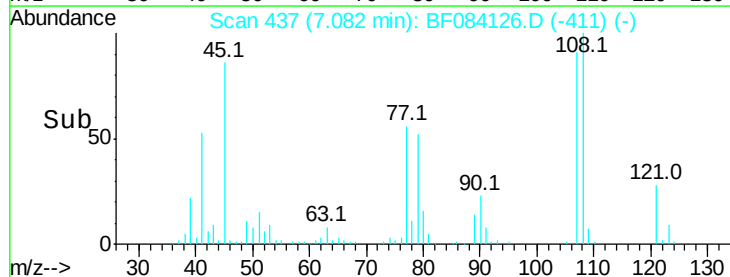
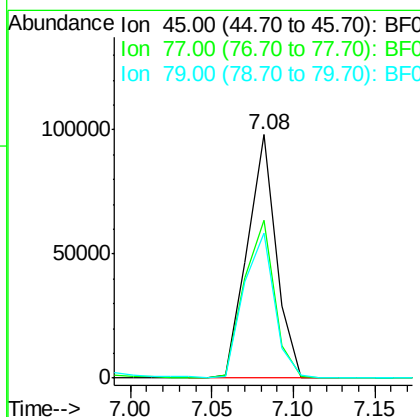
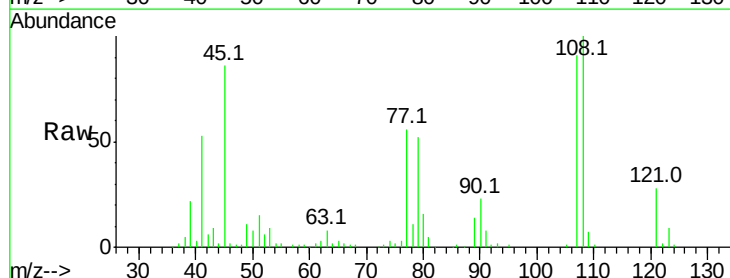
RT: 7.08 min Scan# 437

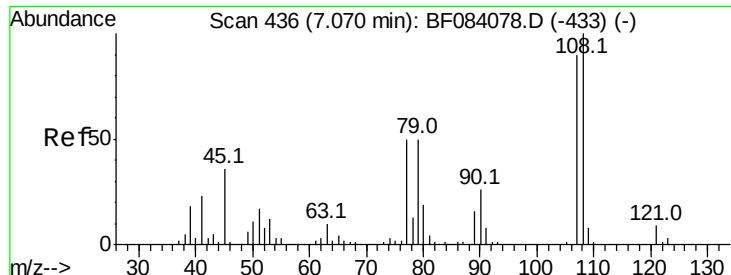
Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:	45	Resp:	120056
Ion Ratio	Lower	Upper	
45	100		
77	64.9	0.0	39.6#
79	59.8	0.0	35.0#





#17

2-Methylphenol

Concen: 45.81 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion:107 Resp: 127351
Ion Ratio Lower Upper

107 100

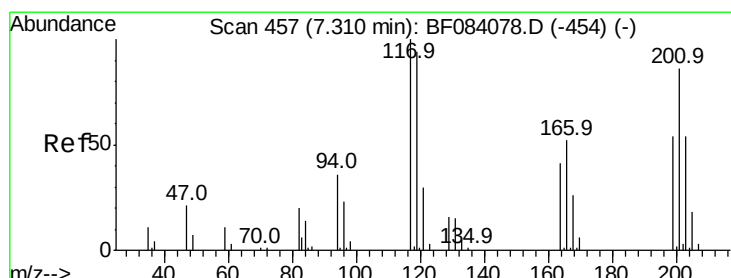
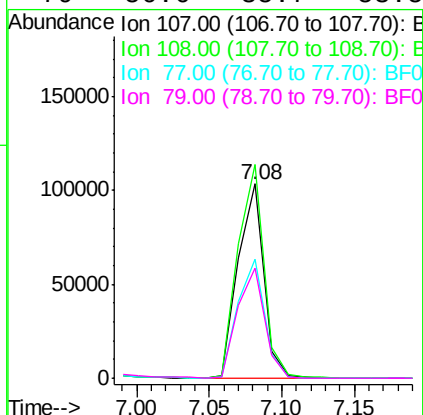
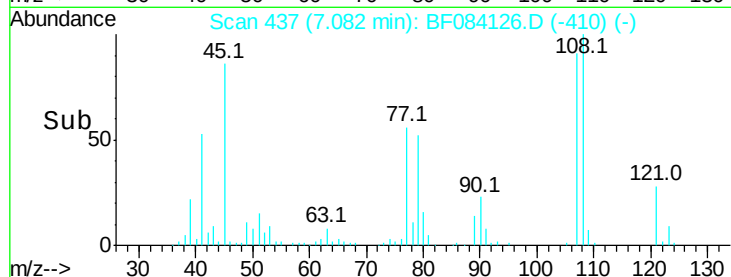
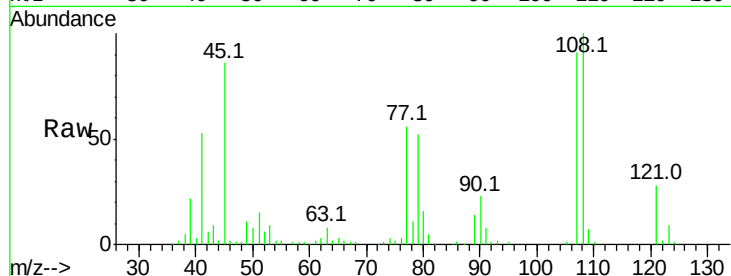
108 109.9 89.8 134.6

77 61.5 35.7 53.5#

79 56.6 35.7 53.5#

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#18

Hexachloroethane

Concen: 42.70 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084126.D

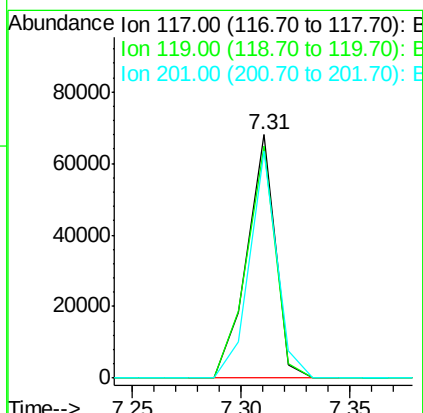
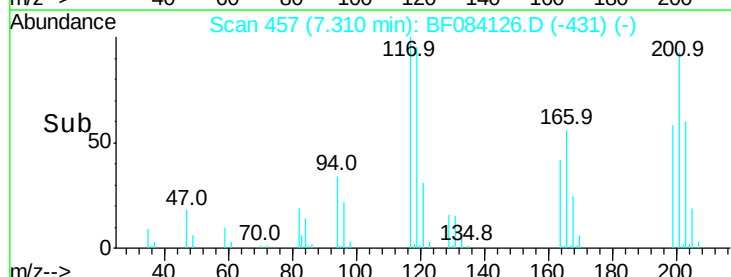
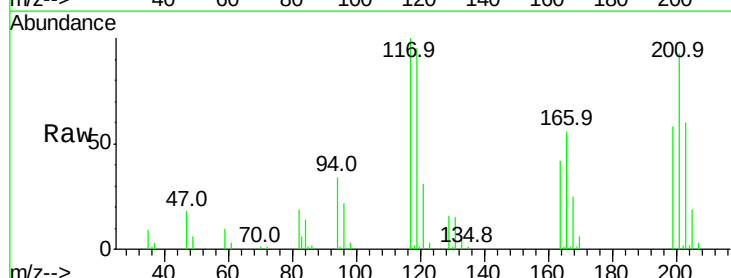
Acq: 25 Dec 2015 13:34

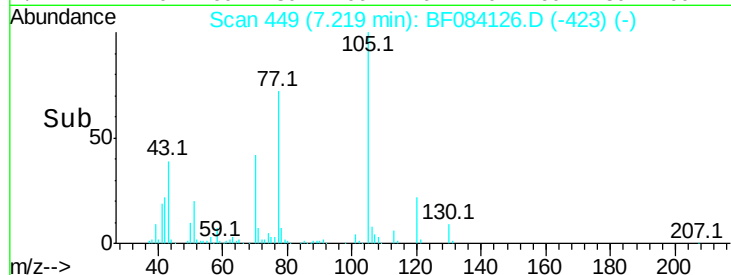
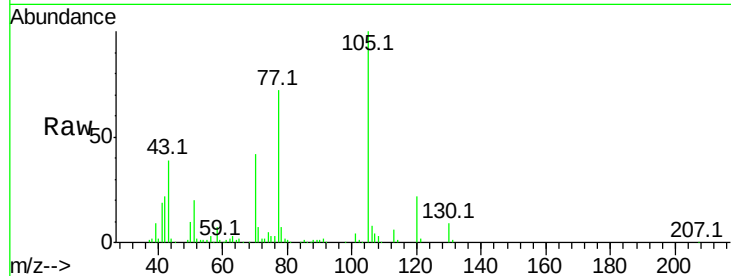
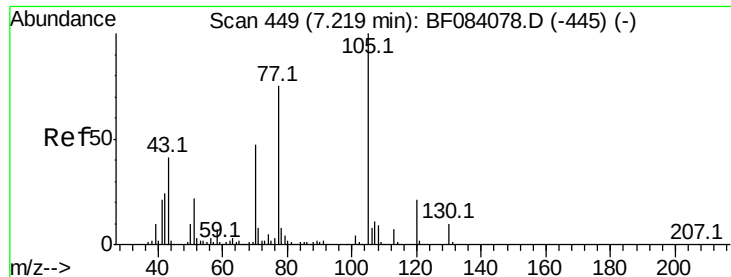
Tgt Ion:117 Resp: 61988
Ion Ratio Lower Upper

117 100

119 95.2 77.4 116.0

201 93.4 68.6 103.0





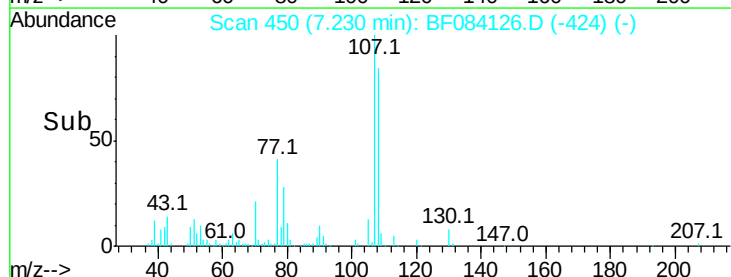
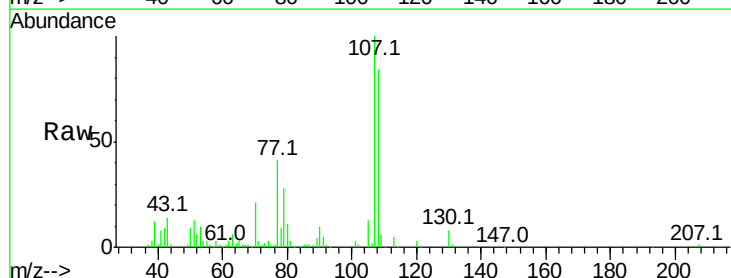
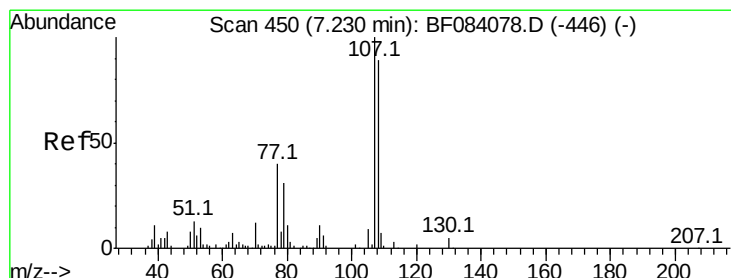
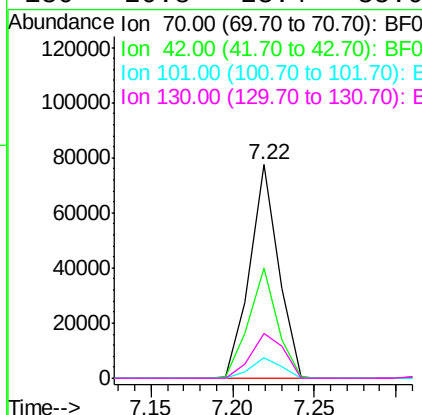
#19
n-Nitroso-di-n-propylamine
Concen: 42.79 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.3	33.3	49.9#
101	9.8	9.3	13.9
130	20.8	23.4	35.0#

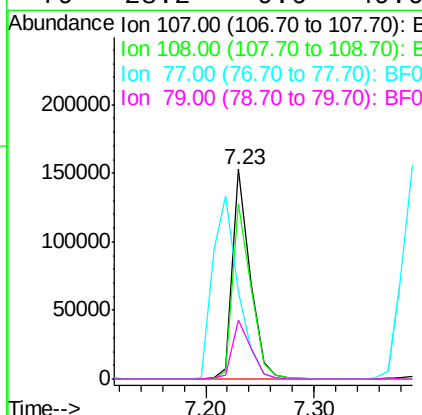
Manual Integrations
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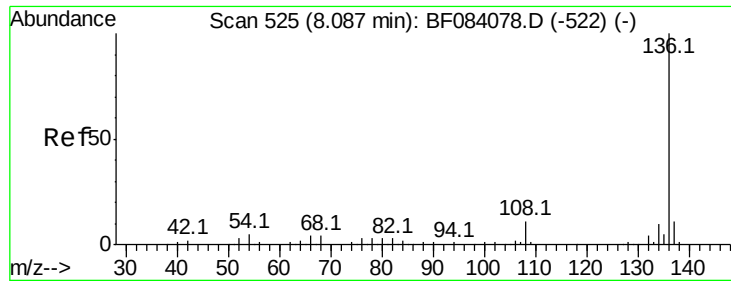
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#20
3+4-Methylphenols
Concen: 47.49 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.6	64.1	104.1
77	41.3	128.9	168.9#
79	28.2	9.6	49.6





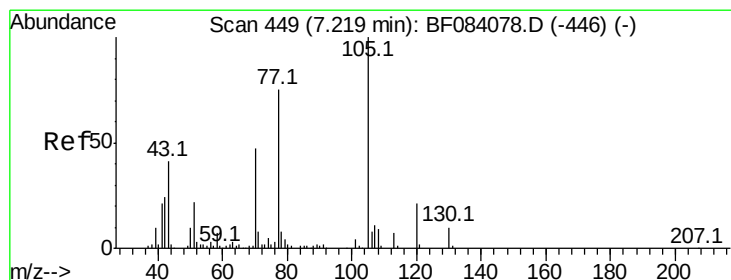
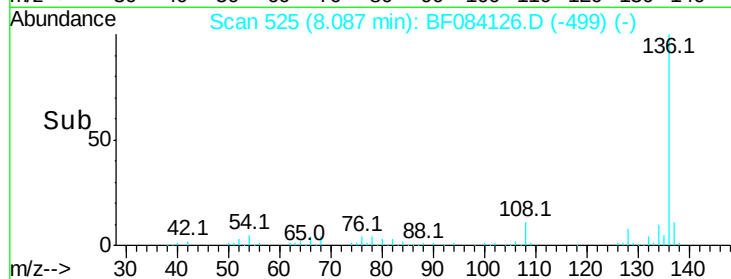
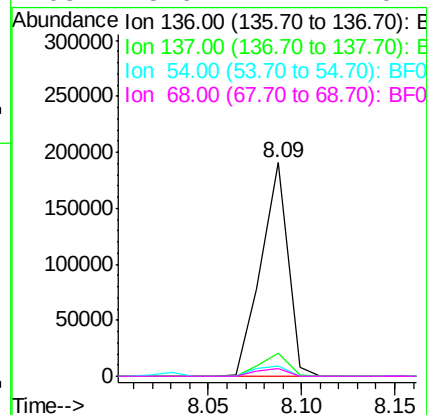
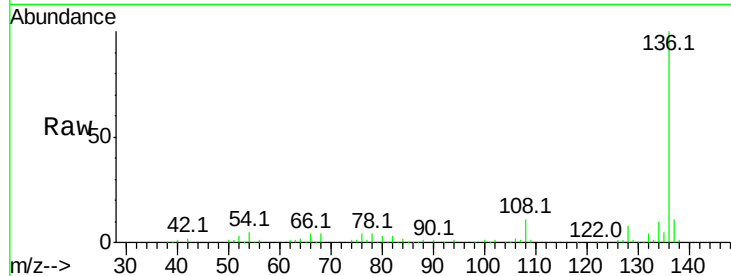
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.7	13.1	
54	5.1	5.8	8.8#	
68	3.6	4.2	6.2#	

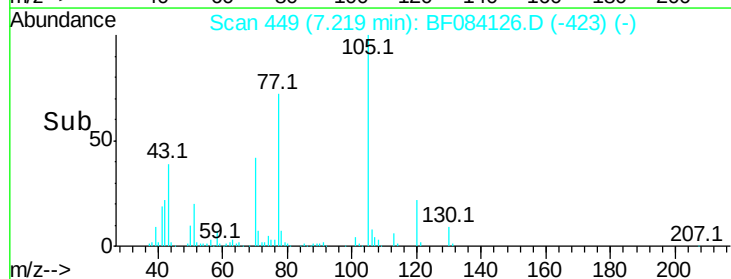
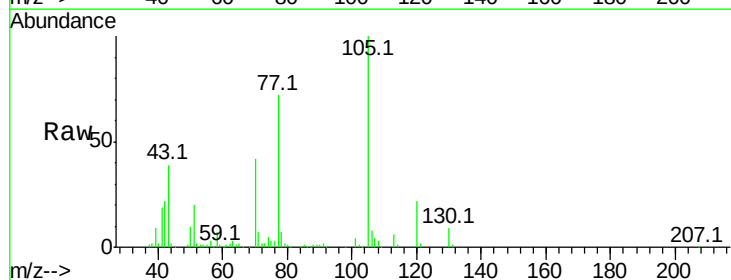
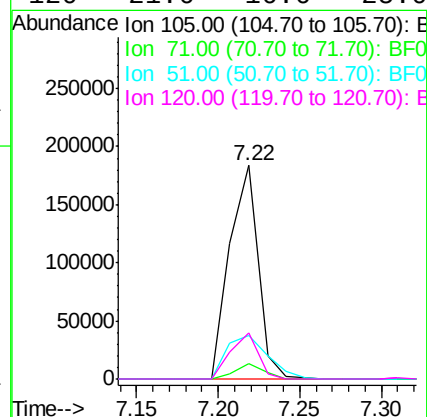
Manual Integrations
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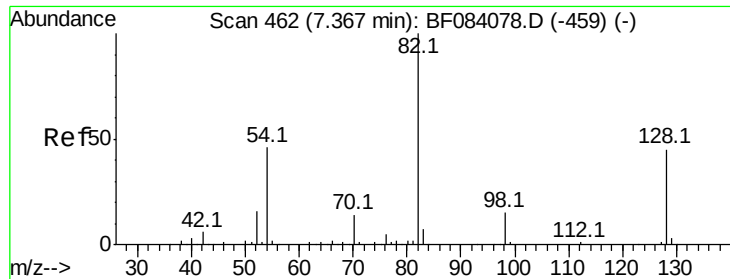
Sohil
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#22
Acetophenone
Concen: 46.50 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	3.7	5.5#	
51	20.5	25.1	37.7#	
120	21.6	16.6	25.0	





#23

Nitrobenzene-d5

Concen: 89.71 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

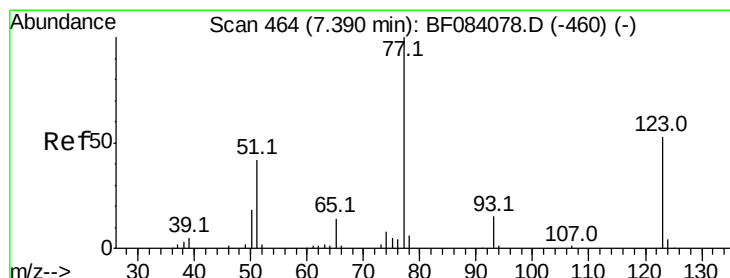
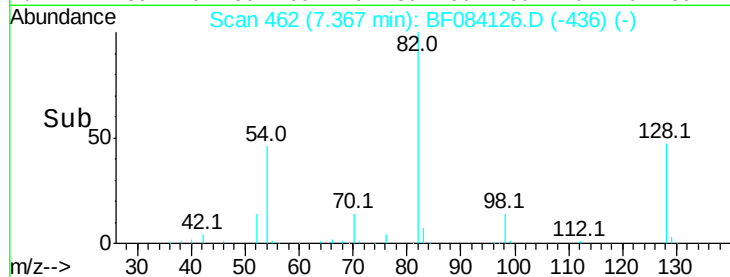
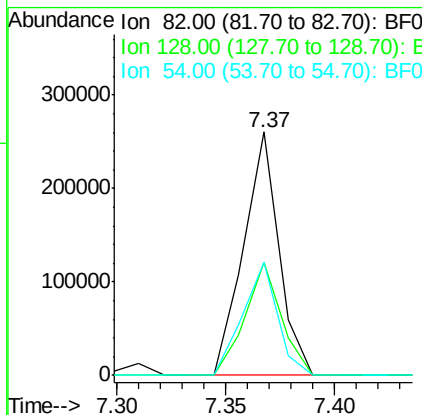
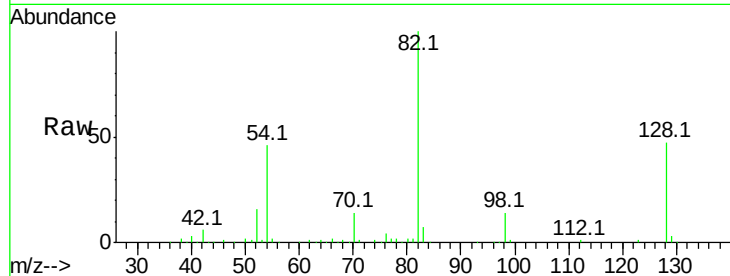
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion:	82	Resp:	292881
Ion Ratio	Lower	Upper	
82	100		
128	46.5	34.6	51.8
54	46.4	38.4	57.6

Manual Integrations
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#24

Nitrobenzene

Concen: 47.16 ng

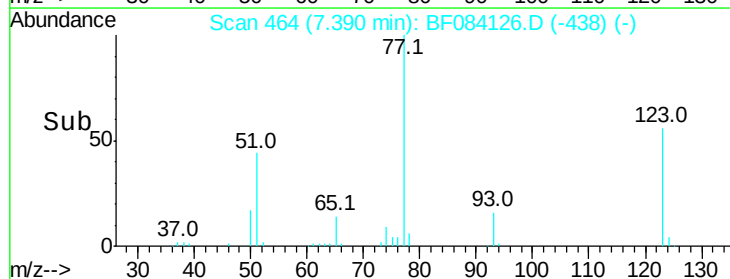
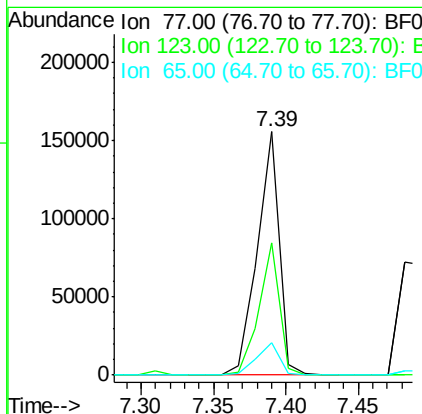
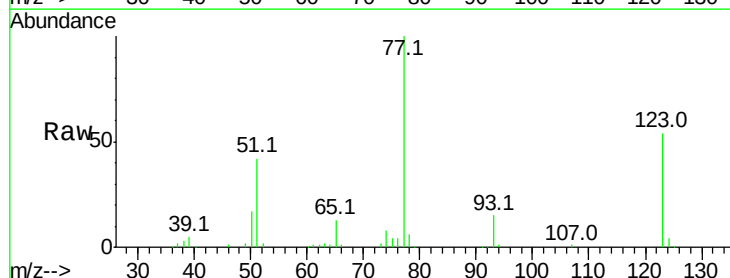
RT: 7.39 min Scan# 464

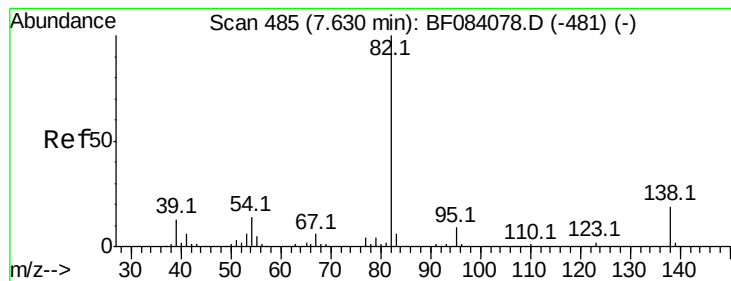
Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:	77	Resp:	163464
Ion Ratio	Lower	Upper	
77	100		
123	54.3	37.4	56.2
65	13.3	10.9	16.3





#25

Isophorone

Concen: 46.34 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

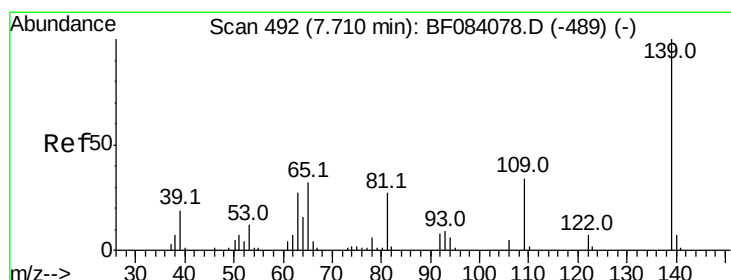
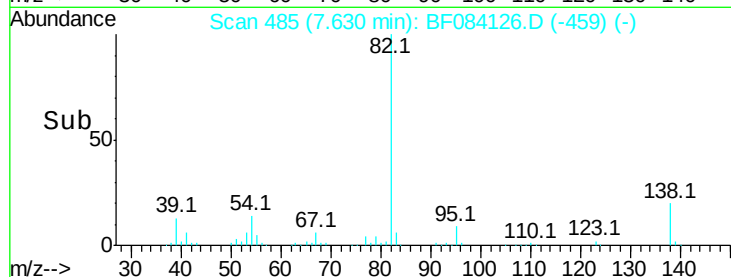
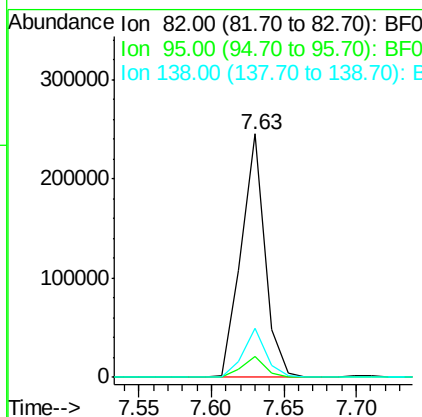
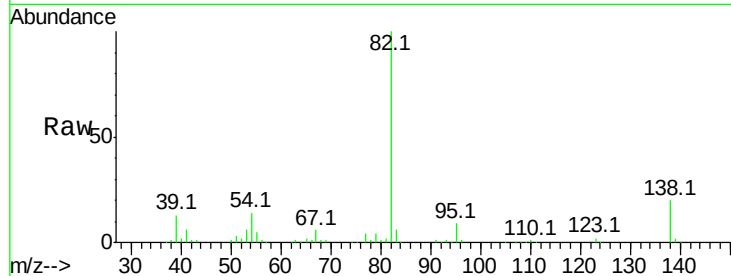
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion:	82	Resp:	279836
Ion Ratio	Lower	Upper	
82	100		
95	8.7	6.6	10.0
138	20.1	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.93 ng

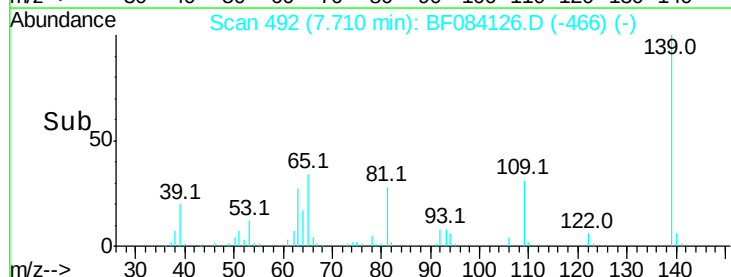
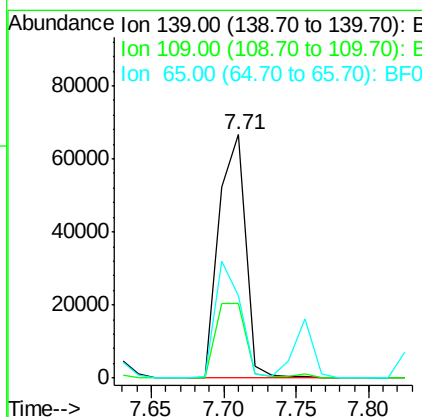
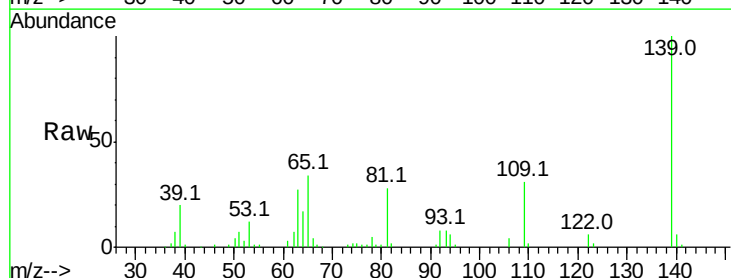
RT: 7.71 min Scan# 492

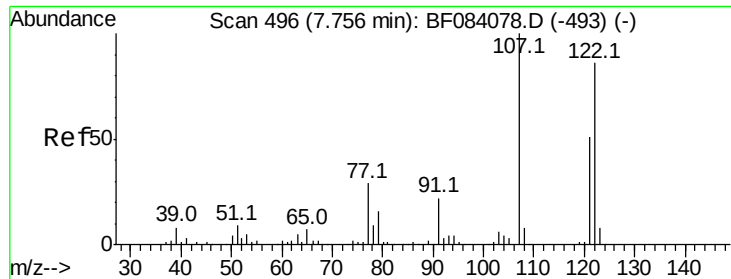
Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:	139	Resp:	85030
Ion Ratio	Lower	Upper	
139	100		
109	30.6	25.4	38.2
65	33.8	32.3	48.5





#27

2,4-Dimethylphenol

Concen: 50.73 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

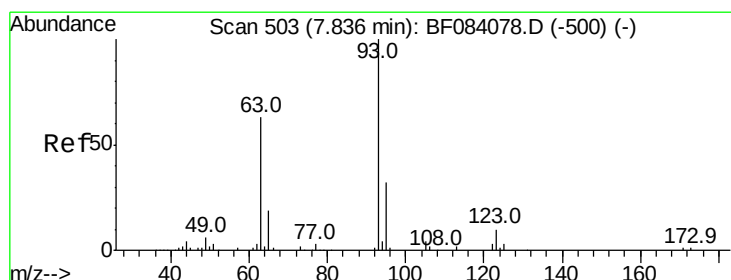
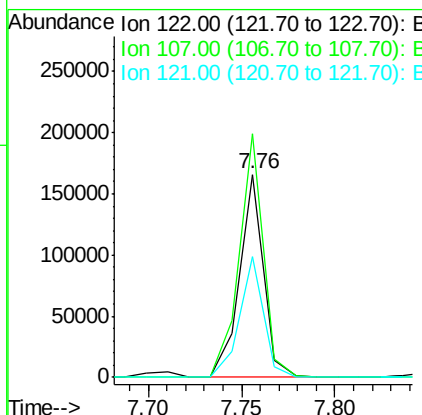
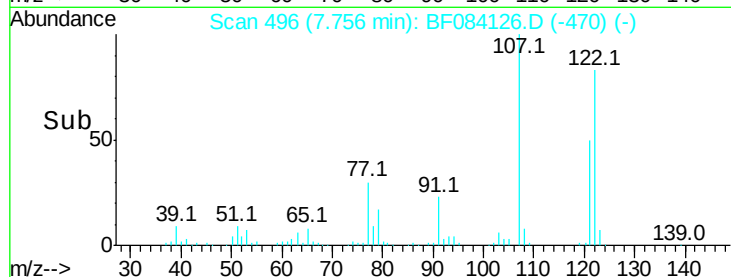
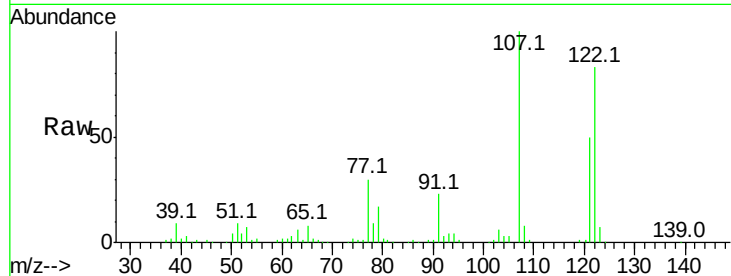
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion:	122	Resp:	149363
Ion Ratio	Lower	Upper	
122	100		
107	119.8	99.1	148.7
121	59.7	47.9	71.9

Manual Integrations
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12/28/2015 1:10:27 PM



#28

bis(2-Chloroethoxy)methane

Concen: 45.45 ng

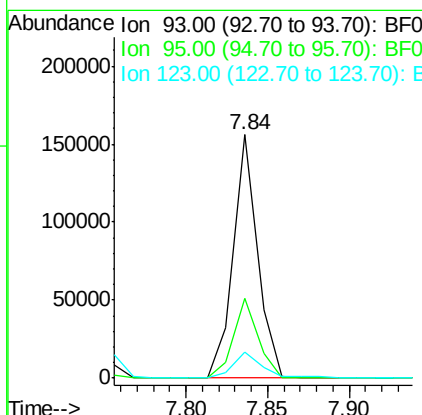
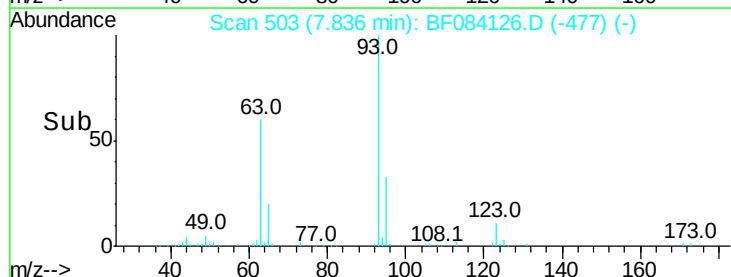
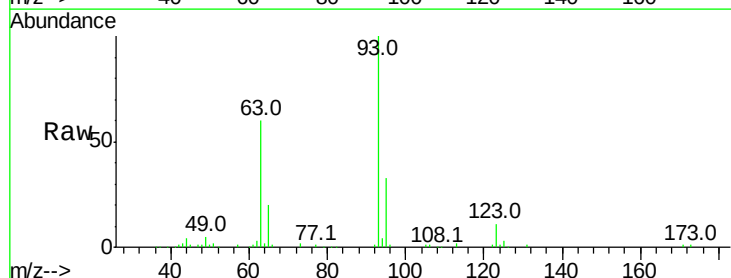
RT: 7.84 min Scan# 503

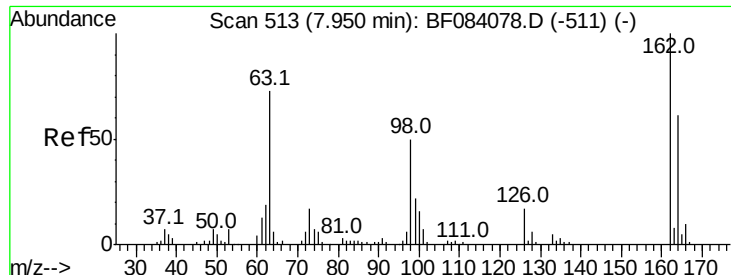
Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:	93	Resp:	160016
Ion Ratio	Lower	Upper	
93	100		
95	32.5	25.8	38.6
123	10.8	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 47.78 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

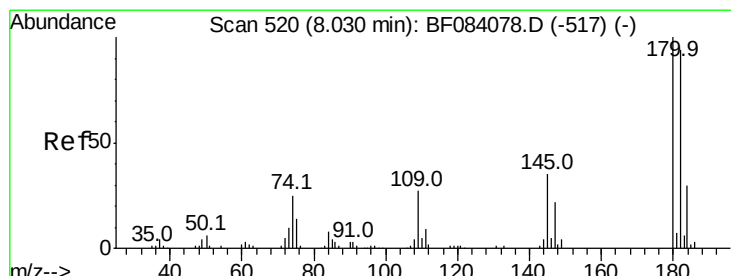
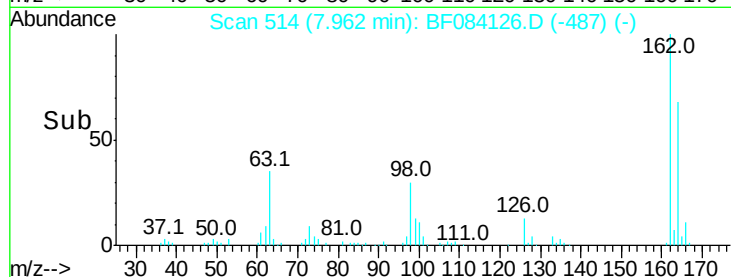
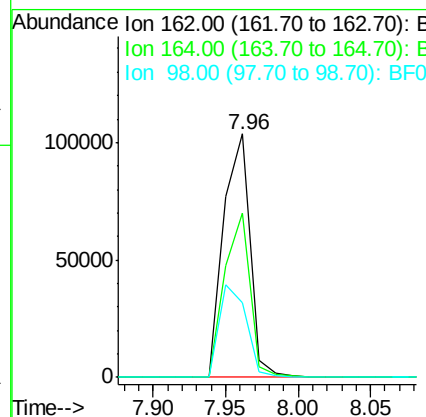
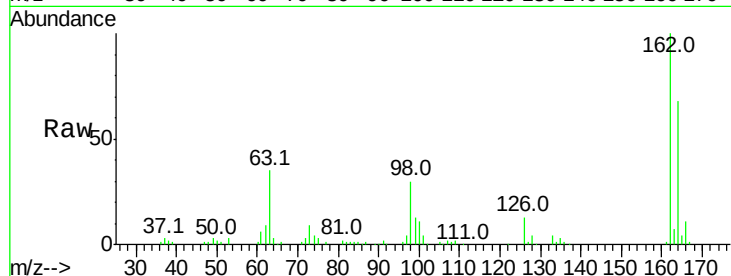
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion:	162	Resp:	130652
Ion Ratio	Lower	Upper	
162	100		
164	67.6	44.1	84.1
98	30.5	20.2	60.2

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 45.97 ng

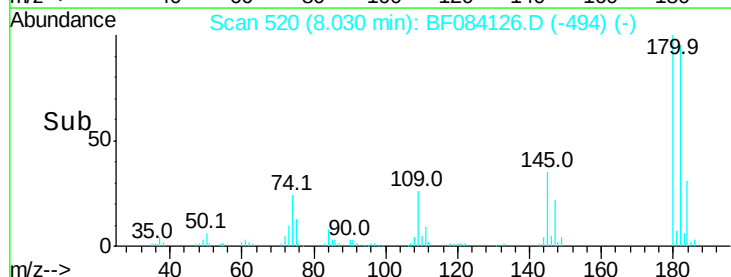
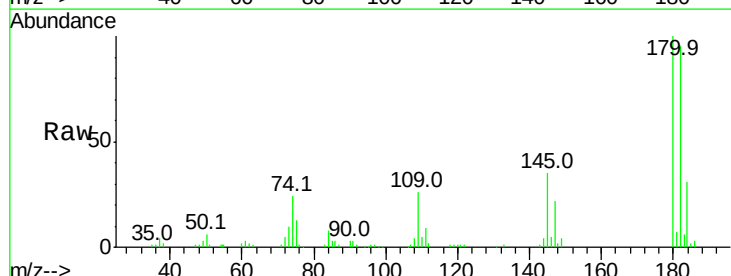
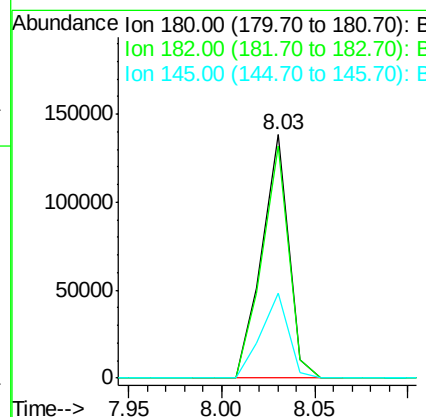
RT: 8.03 min Scan# 520

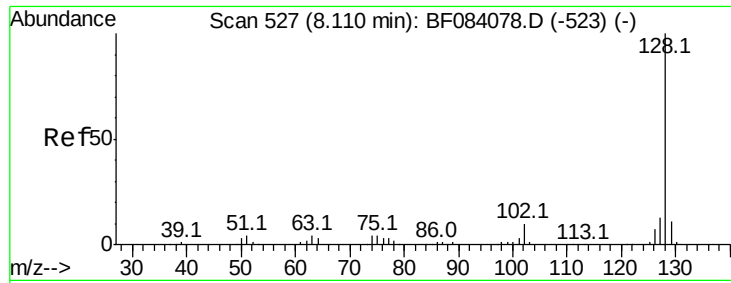
Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:	180	Resp:	137774
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.4	114.6
145	35.0	31.6	47.4





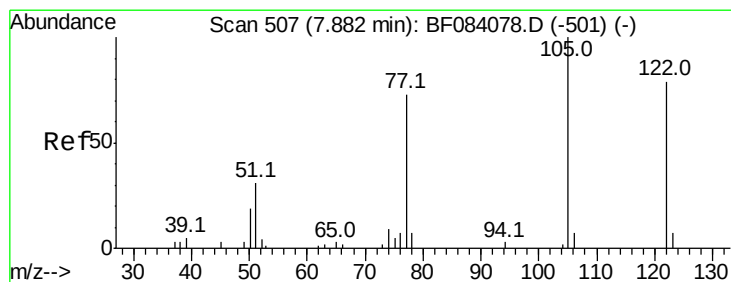
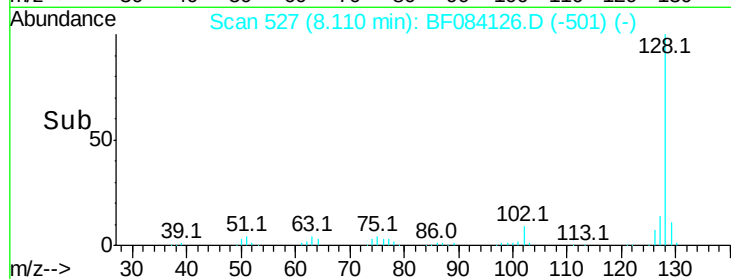
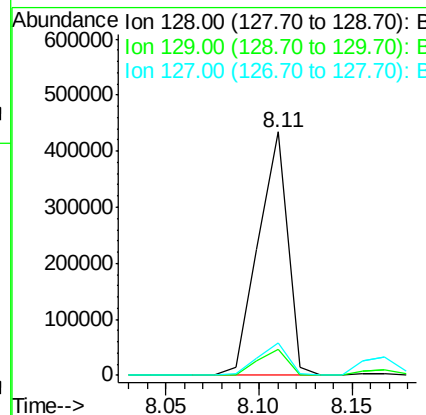
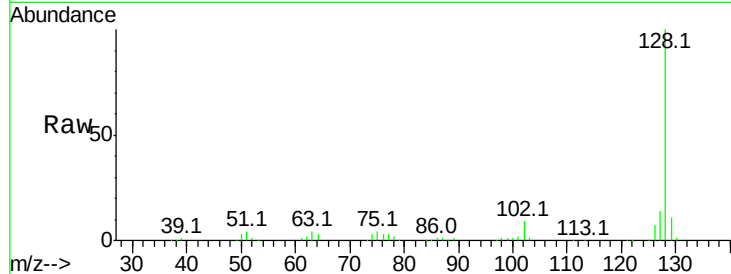
#31
Naphthalene
Concen: 46.55 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.7	9.1	13.7
127	13.5	11.1	16.7

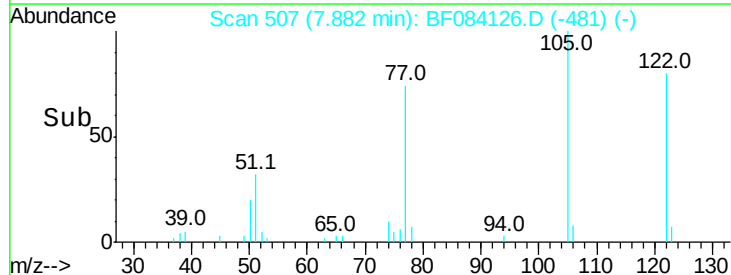
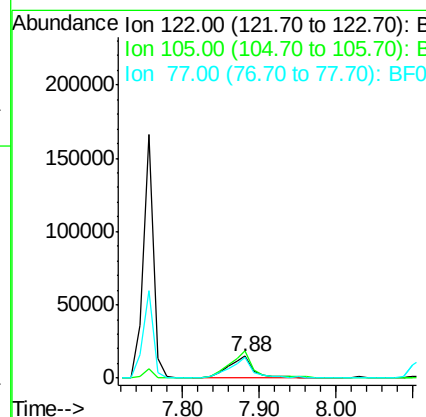
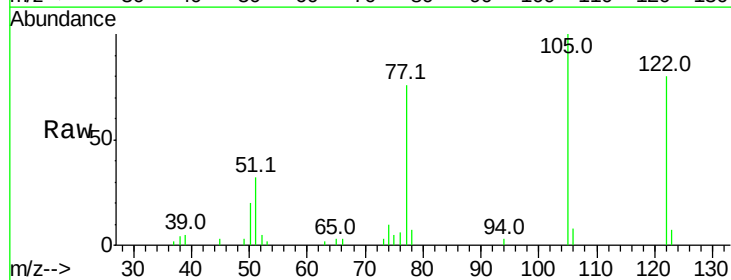
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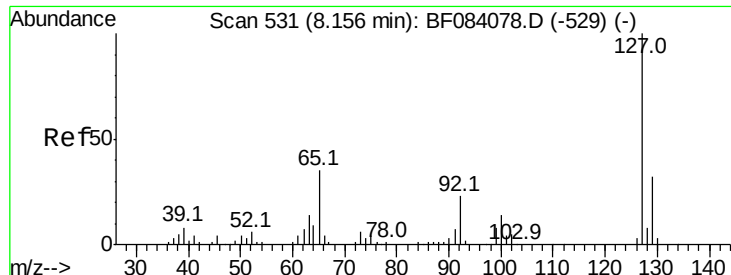
Sohil
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#32
Benzoic acid
Concen: 24.37 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	124.3	100.3	140.3
77	94.1	63.5	103.5





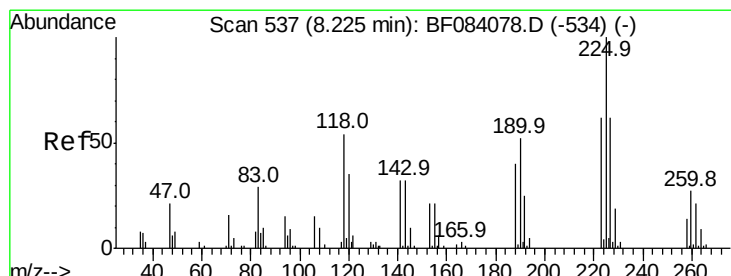
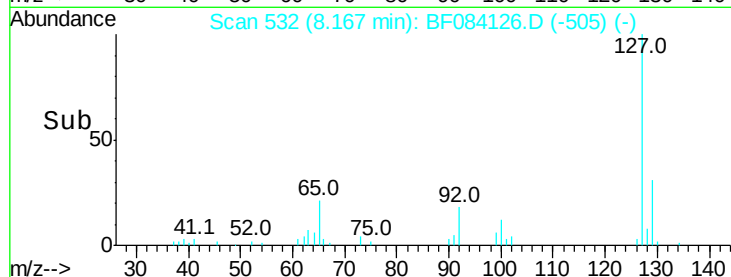
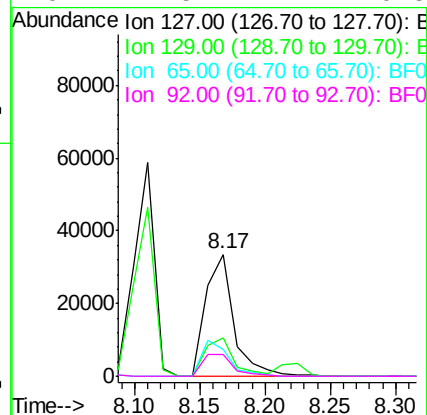
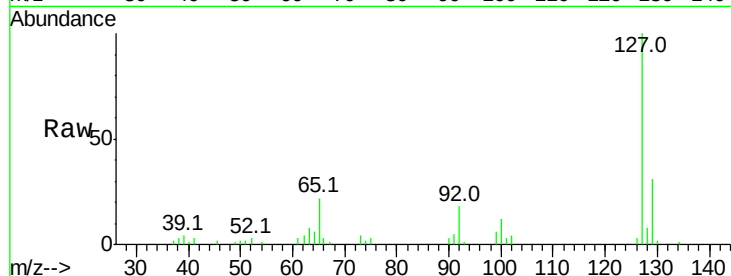
#33
4-Chloroaniline
Concen: 12.47 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.5	39.7
65	22.0	27.2	40.8
92	17.5	17.7	26.5

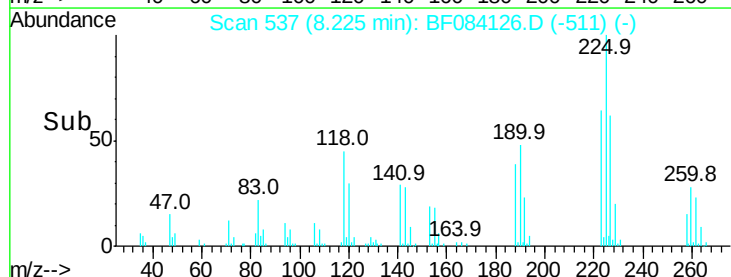
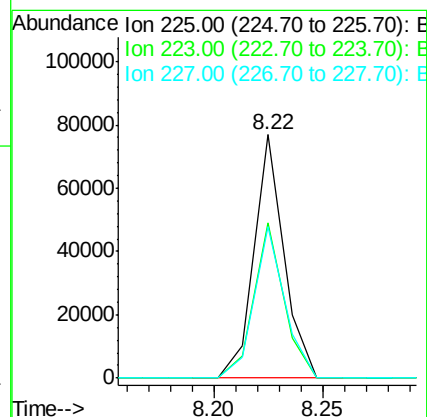
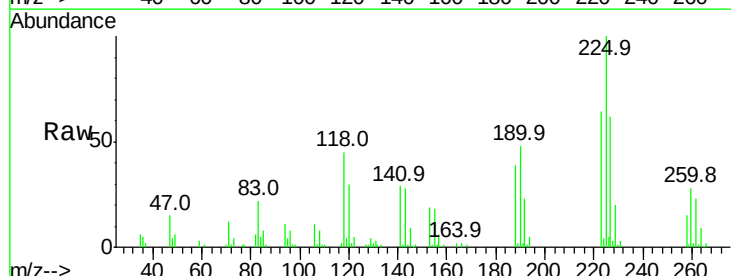
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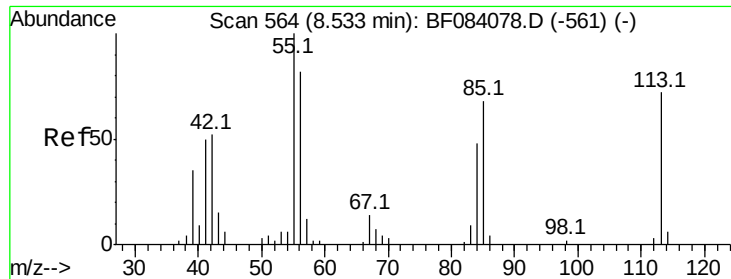
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#34
Hexachlorobutadiene
Concen: 42.94 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.4	74.0
227	62.2	50.8	76.2





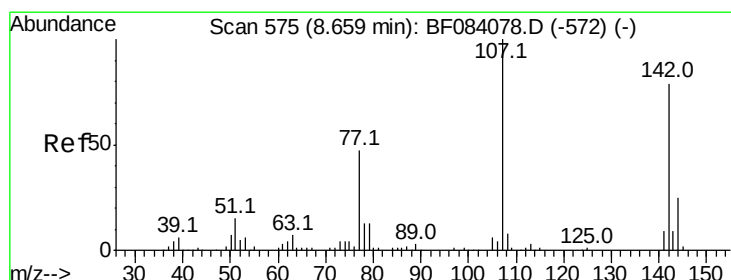
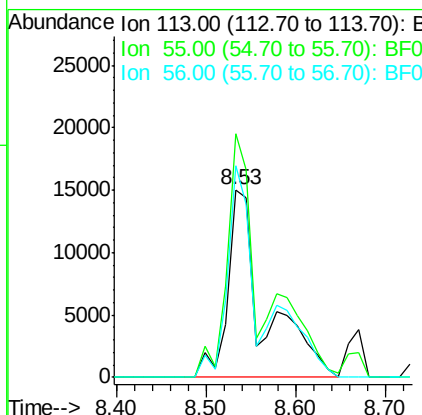
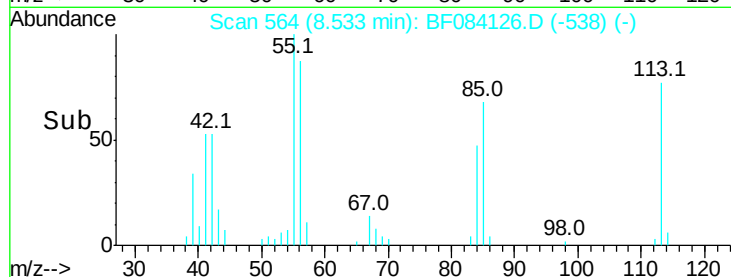
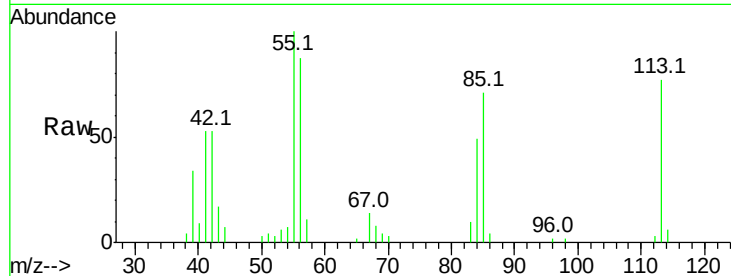
#35
Caprolactam
Concen: 55.80 ng/ml
RT: 8.53 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	129.8	116.9	156.9
56	113.1	93.8	133.8

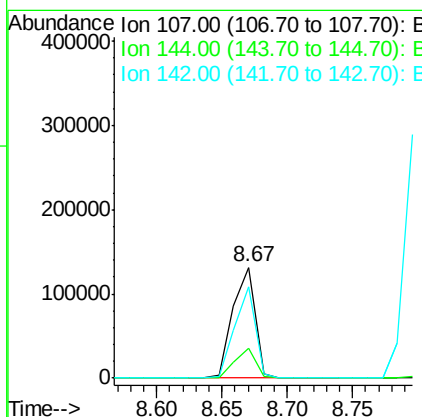
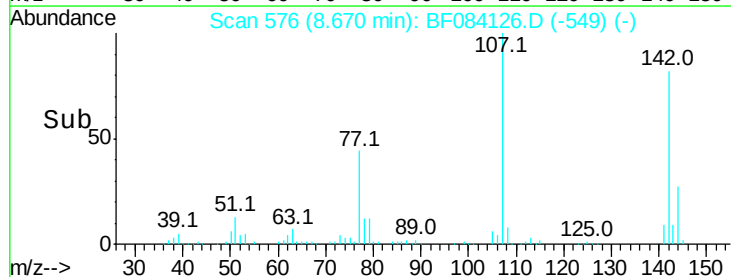
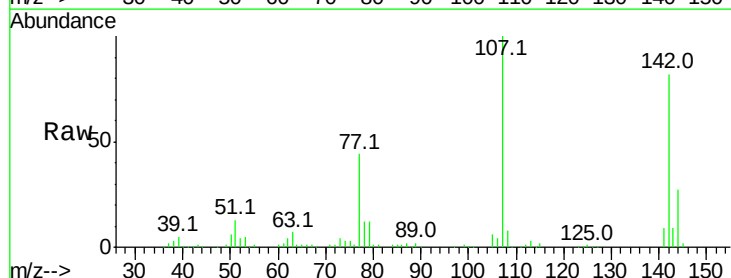
Manual Integrations
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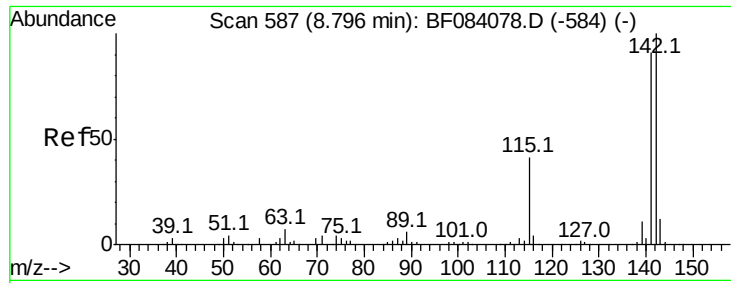
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#36
4-Chloro-3-methylphenol
Concen: 50.97 ng/ml
RT: 8.67 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	19.7	29.5
142	82.3	61.8	92.6





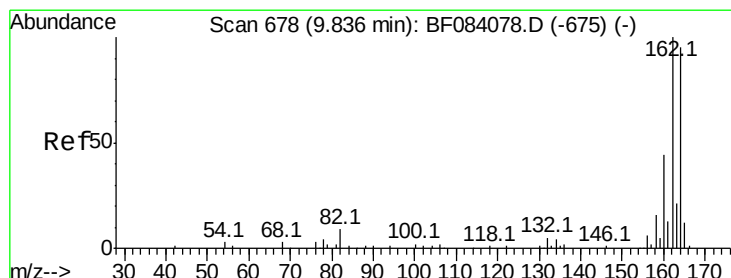
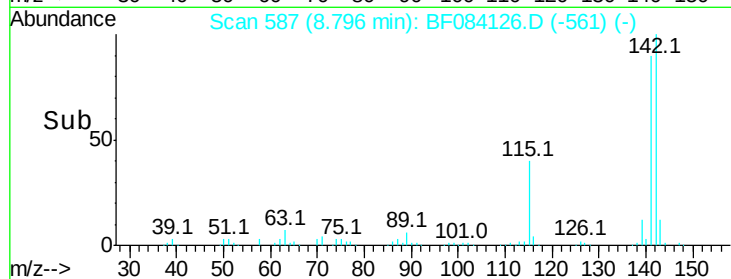
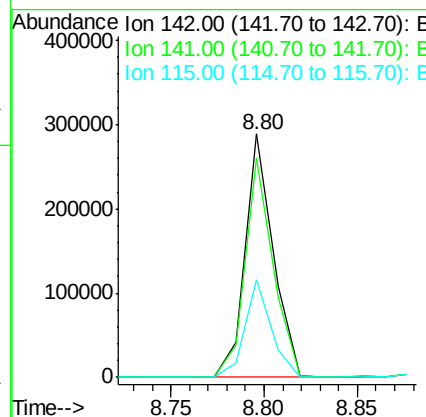
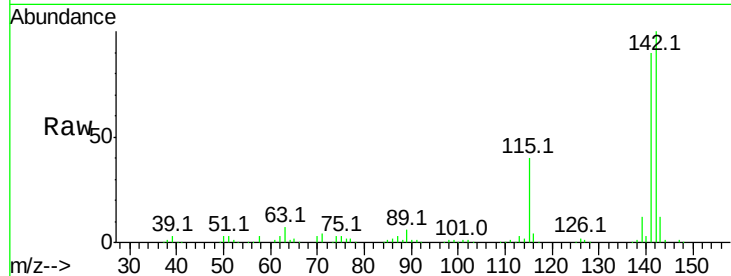
#37
 2-Methylnaphthalene
 Concen: 47.48 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.4	108.6
115	40.2	27.9	41.9

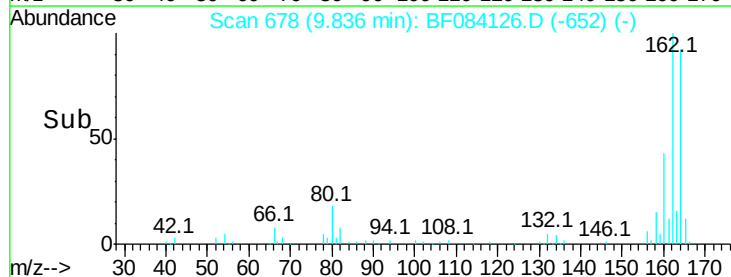
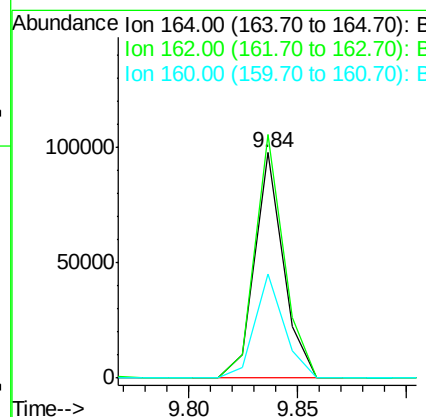
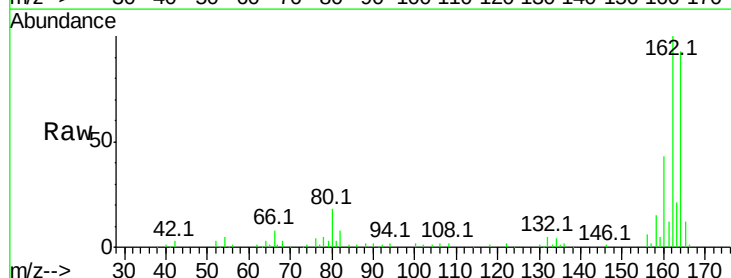
Manual Integrations
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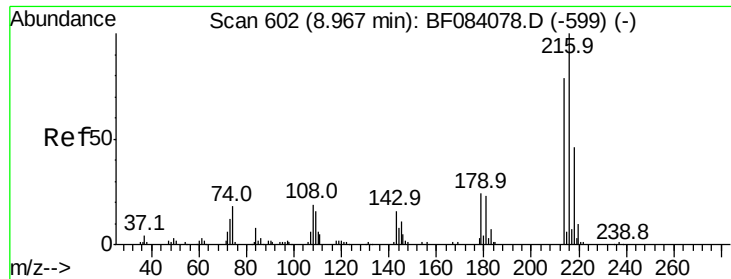
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 12/28/2015 1:10:27 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.1	85.1	127.7
160	46.0	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.44 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF084126.D

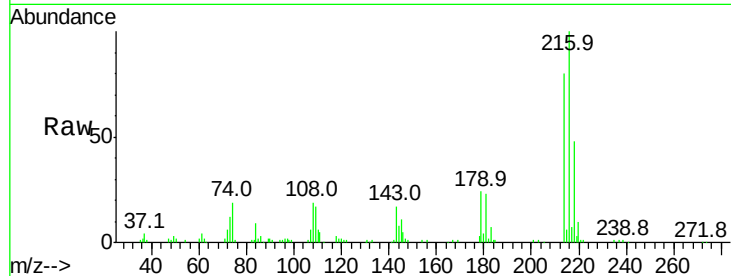
Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(21.0-21.5)MSD



Tot Ion:216 Resp: 131062

Ion Ratio Lower Upper

216 100

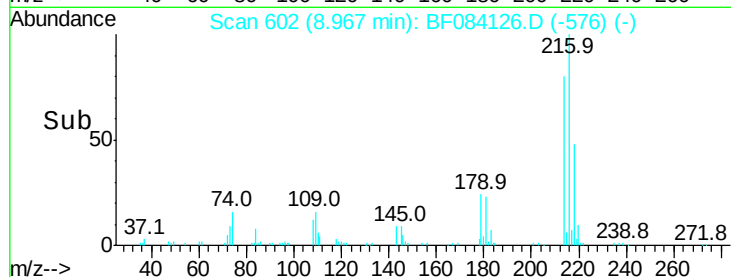
214 79.7 64.2 96.2

179 23.8 18.7 28.1

108 21.7 16.8 25.2

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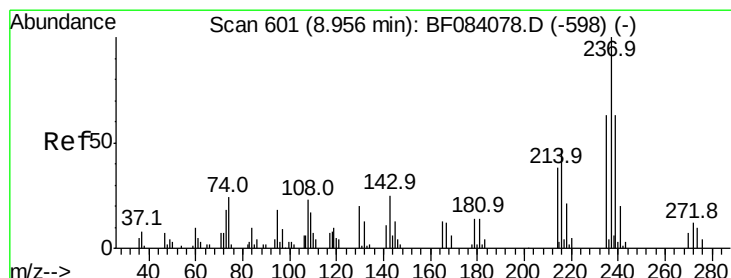
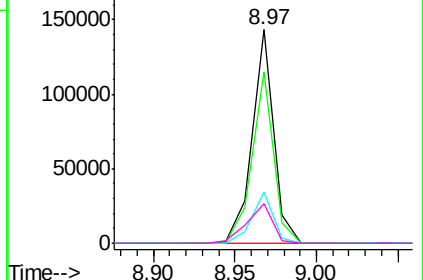


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 85.45 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

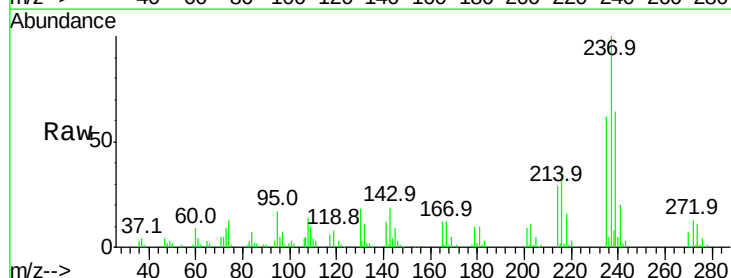
Tgt Ion:237 Resp: 72157

Ion Ratio Lower Upper

237 100

235 61.8 43.1 83.1

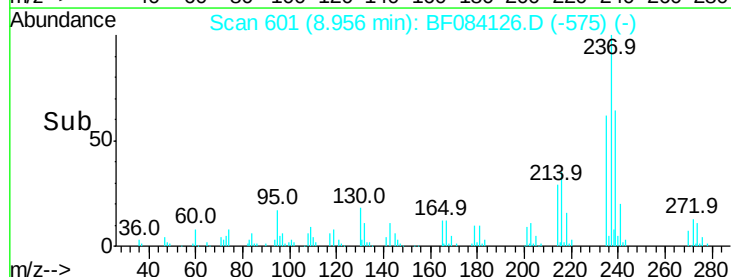
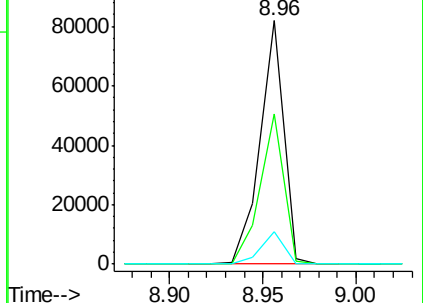
272 13.2 0.0 35.1

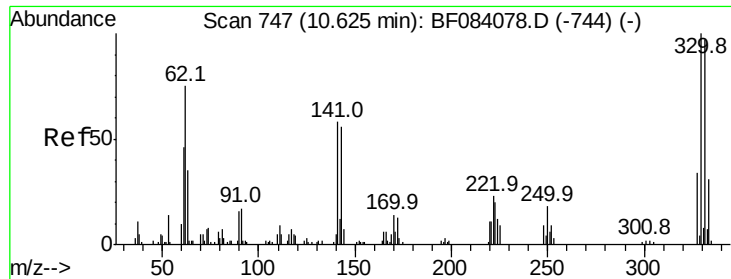


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





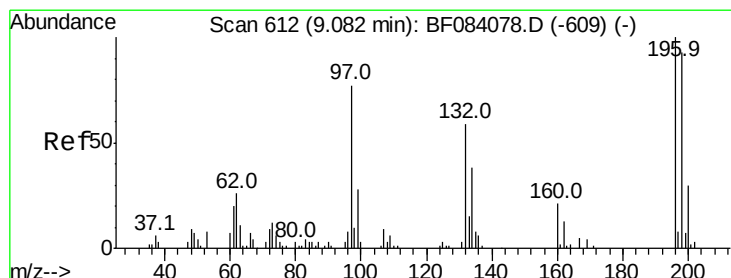
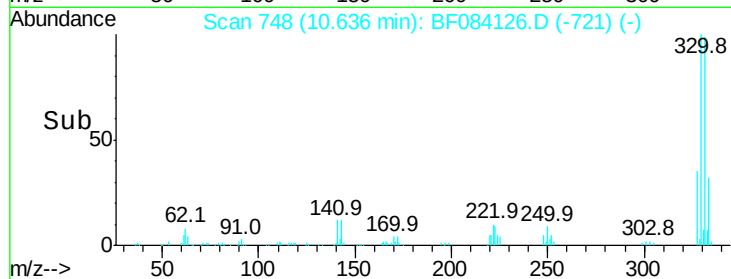
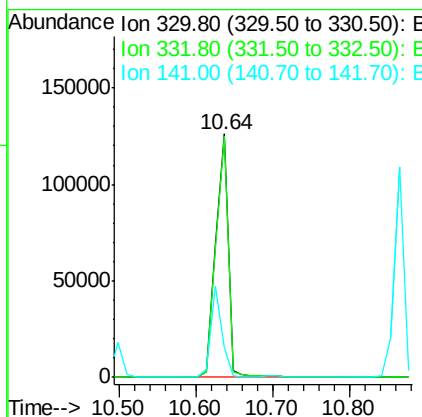
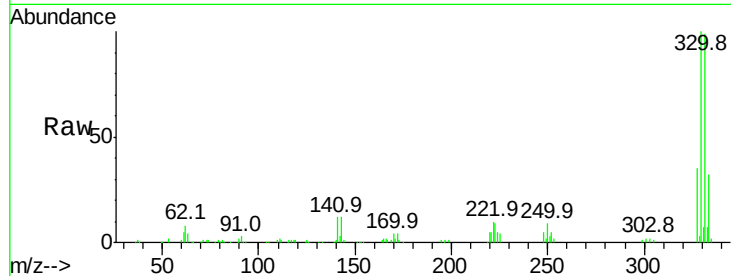
#41
 2,4,6-Tribromophenol
 Concen: 148.49 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	141771		
332	97.8	76.6	114.8	
141	33.4	27.8	41.6	

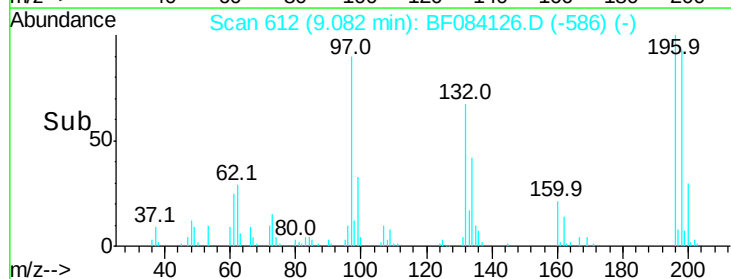
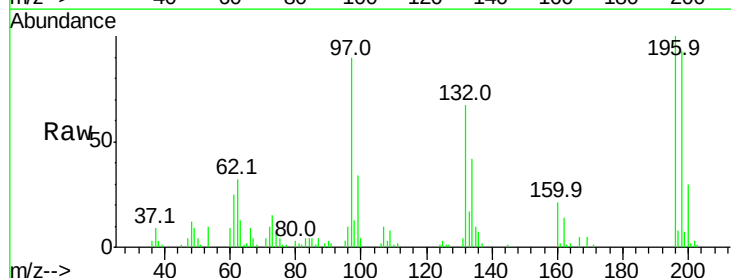
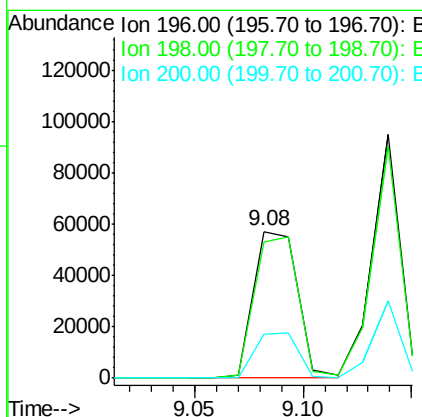
Manual Integrations
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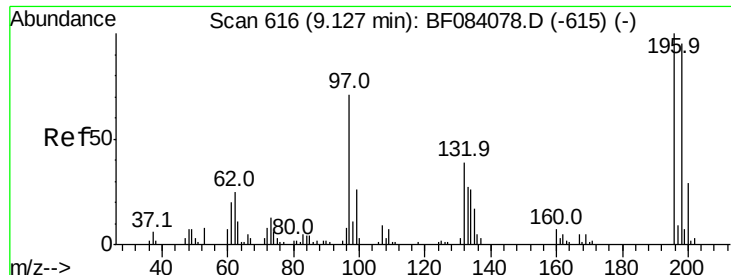
Sohil
 12/28/2015 1:10:27 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.76 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80534		
198	92.6	77.7	116.5	
200	29.9	24.6	37.0	





#43

2,4,5-Trichlorophenol

Concen: 48.08 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF084126.D

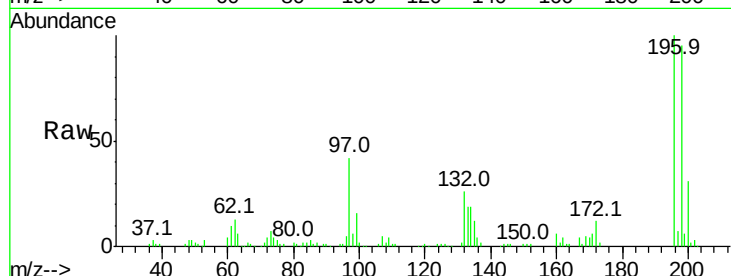
Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

ClientSampleId :

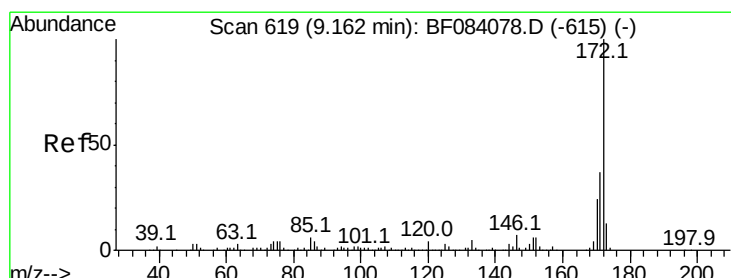
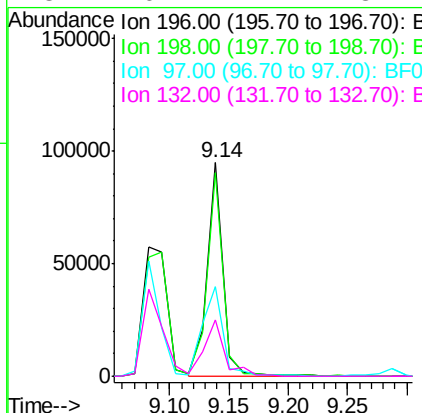
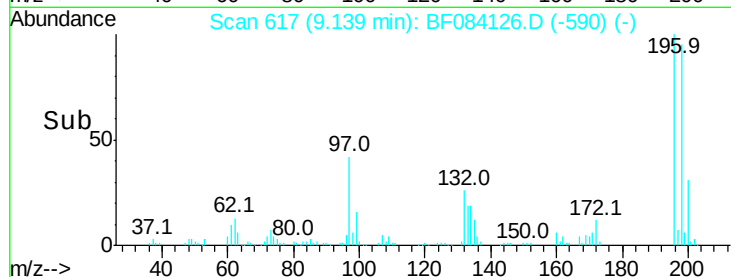
PJ-SB-7(21.0-21.5)MSD



Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.3	79.0	118.6	
97	42.0	33.0	49.6	
132	26.4	21.1	31.7	

Manual Integrations
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Sohil
12/28/2015 1:10:27 PM



#44

2-Fluorobiphenyl

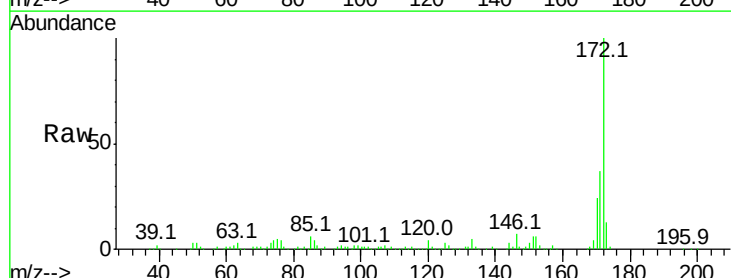
Concen: 86.69 ng

RT: 9.16 min Scan# 619

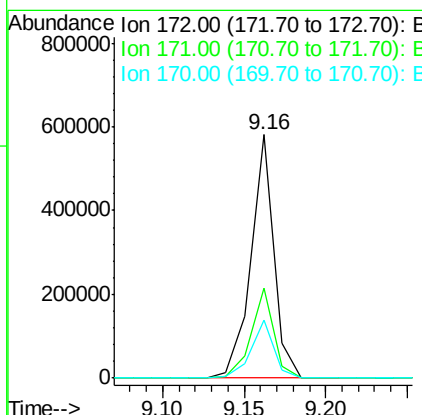
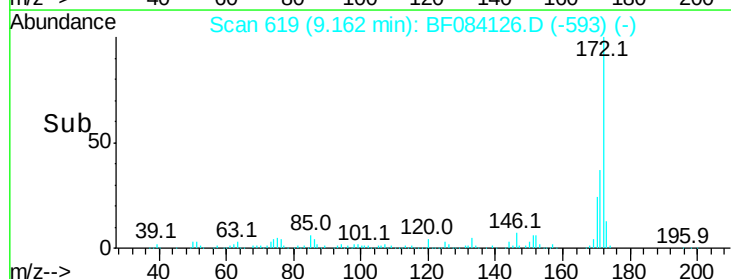
Delta R.T. 0.00 min

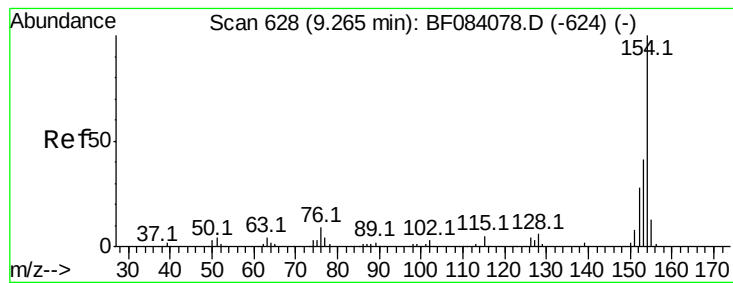
Lab File: BF084126.D

Acq: 25 Dec 2015 13:34



Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.9	28.9	43.3	
170	23.9	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 49.52 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

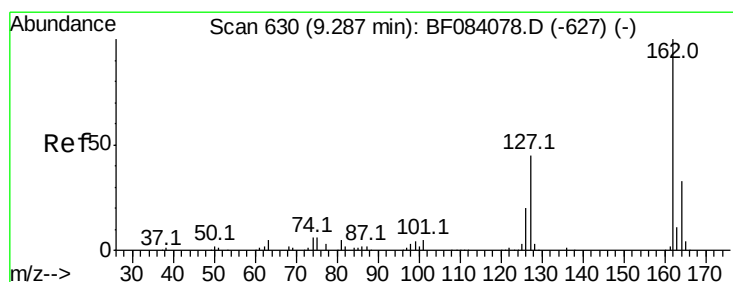
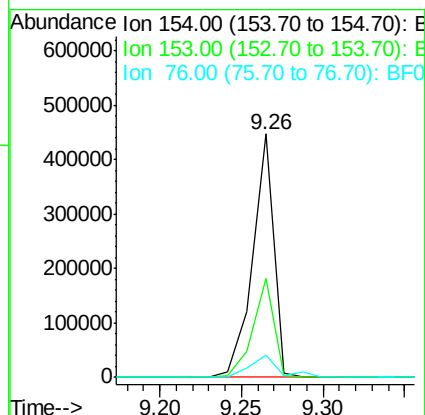
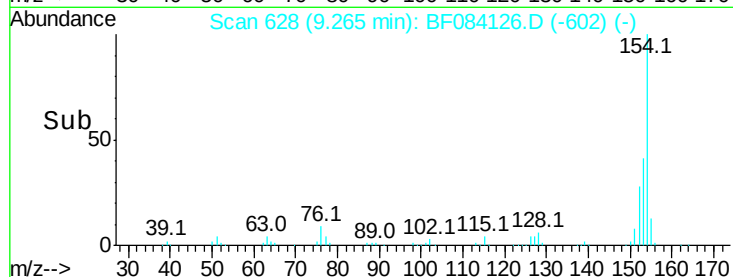
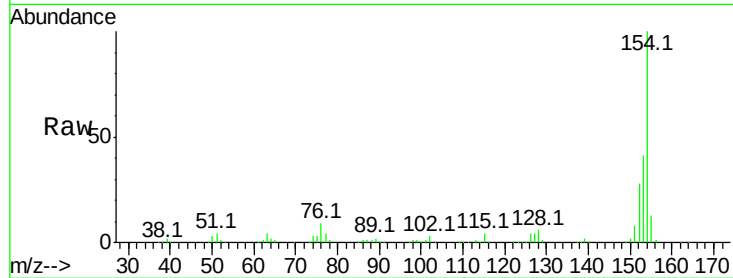
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion:	154	Resp:	400541
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.6	61.6
76	9.1	0.0	32.7

Manual Integrations
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Sohil
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#46

2-Chloronaphthalene

Concen: 47.16 ng

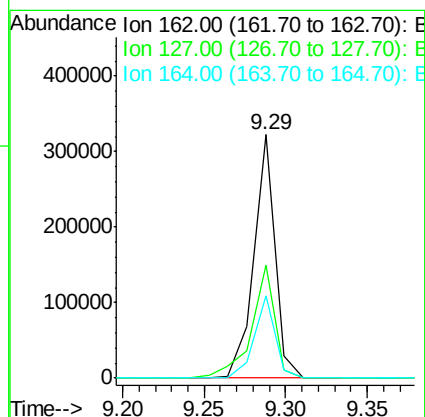
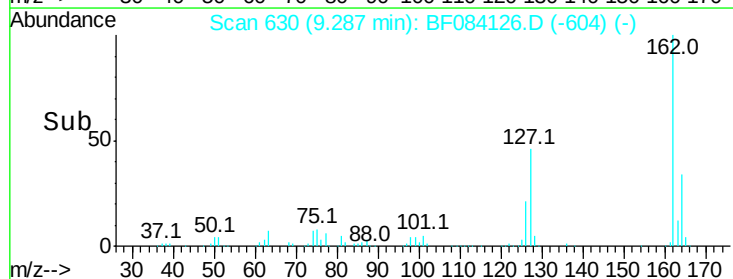
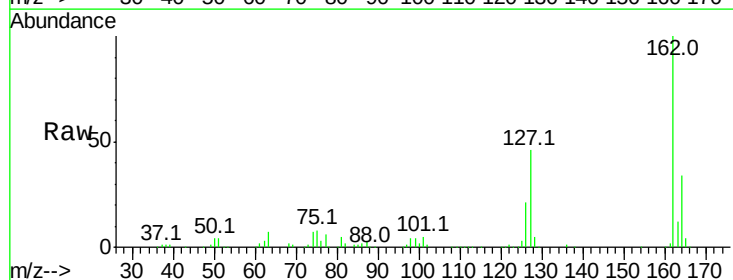
RT: 9.29 min Scan# 630

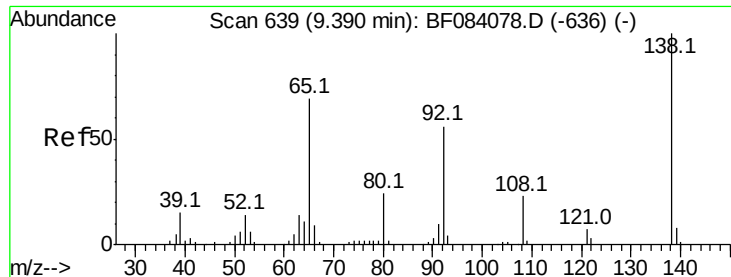
Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:	162	Resp:	289985
Ion Ratio	Lower	Upper	
162	100		
127	46.3	40.2	60.4
164	33.6	25.7	38.5





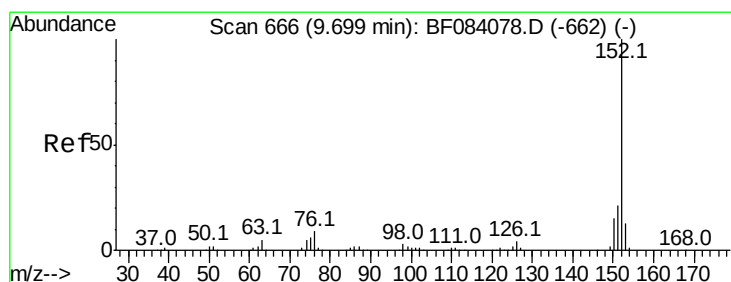
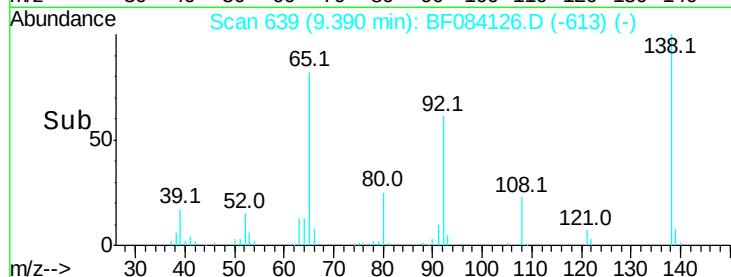
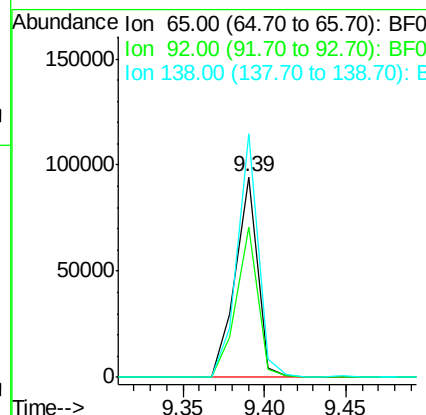
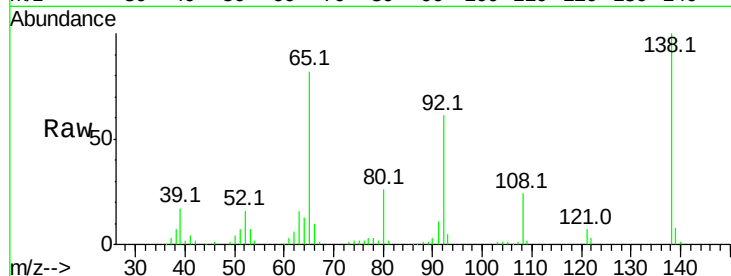
#47
2-Nitroaniline
Concen: 54.36 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.7	53.4	80.2
138	121.6	71.1	106.7

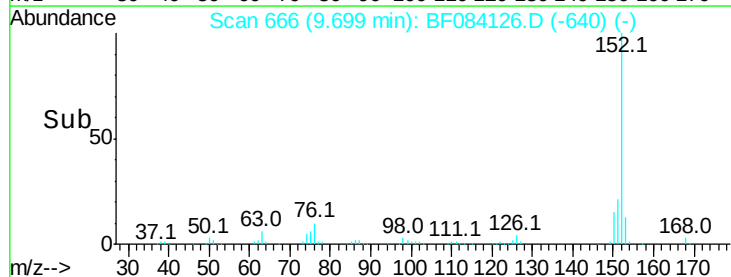
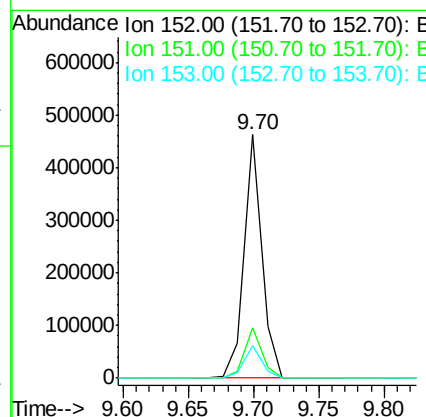
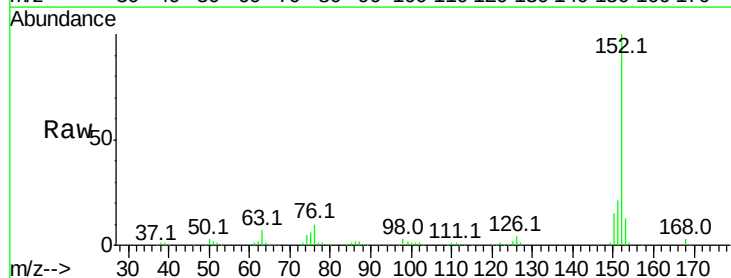
Manual Integrations
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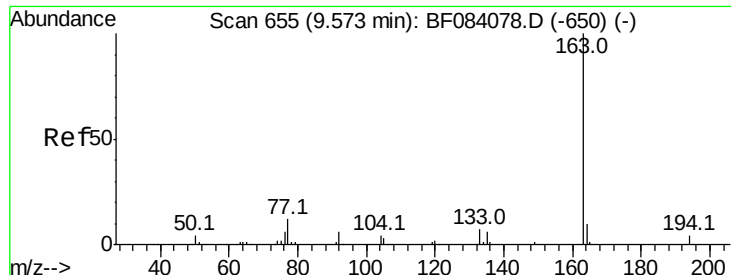
Sohil
12/28/2015 1:10:27 PM



#48
Acenaphthylene
Concen: 43.04 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.4	10.4	15.6





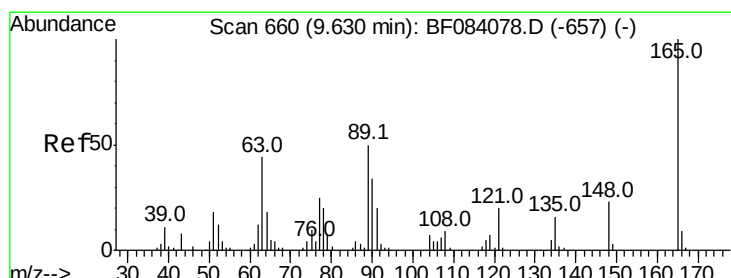
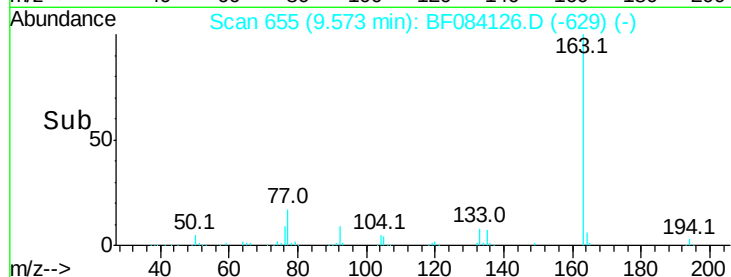
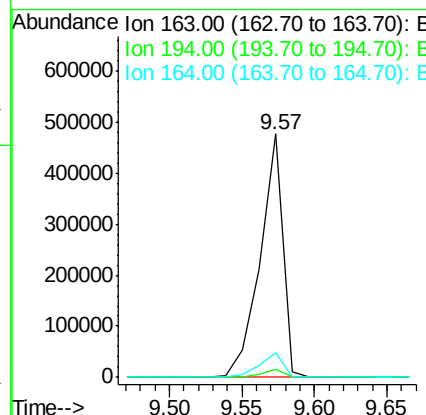
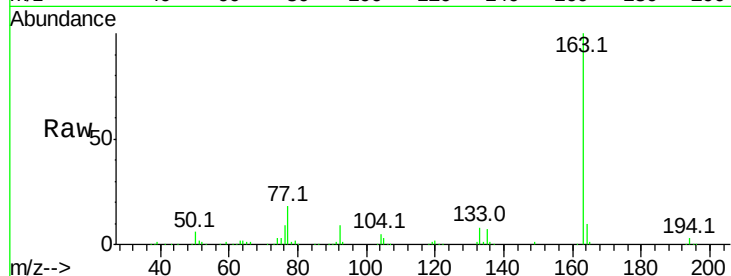
#49
Dimethylphthalate
Concen: 70.36 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	10.0	8.0	12.0

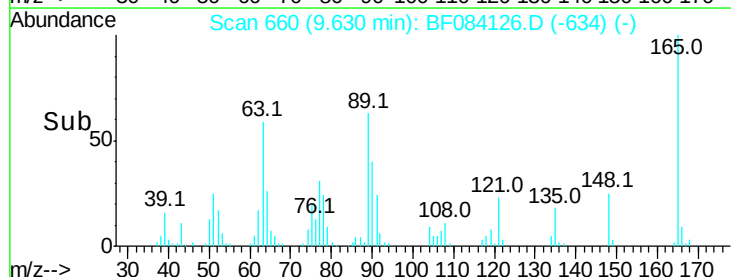
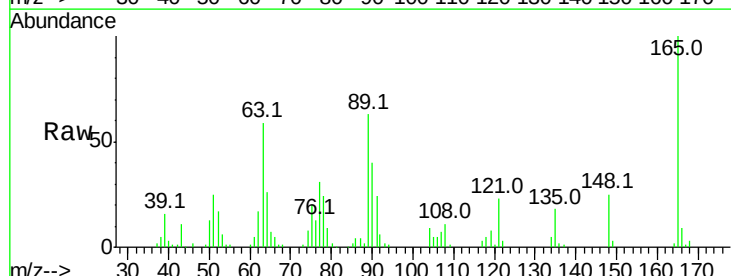
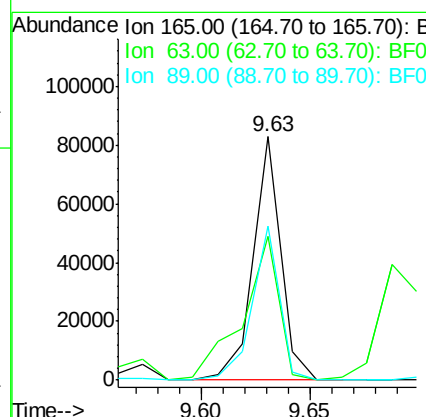
Manual Integrations
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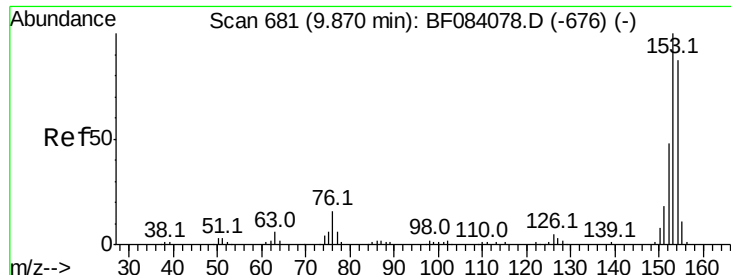
Sohil
12/28/2015 1:10:27 PM



#50
2,6-Dinitrotoluene
Concen: 46.59 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	59.1	28.8	43.2#
89	63.4	35.1	52.7#





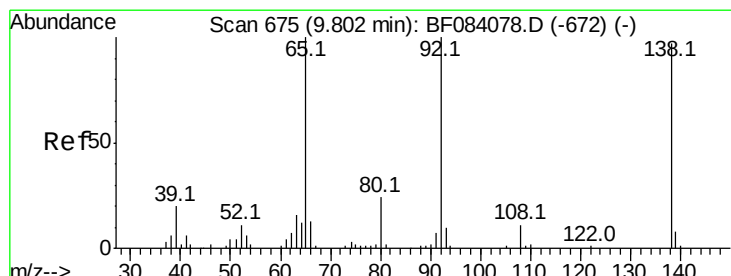
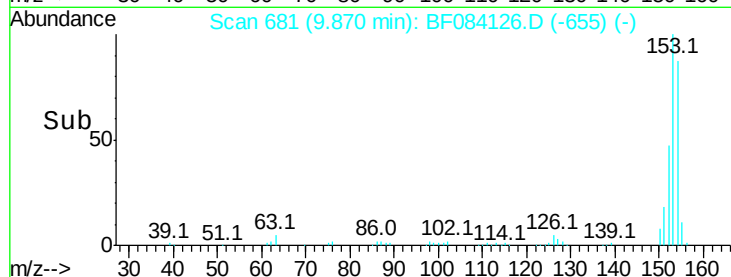
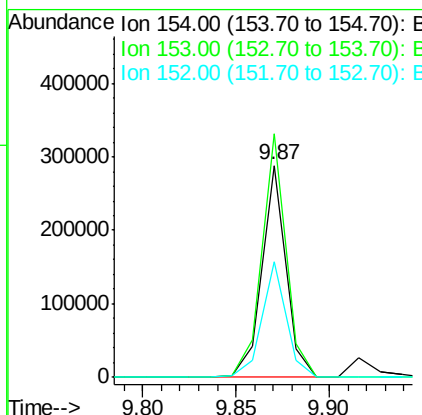
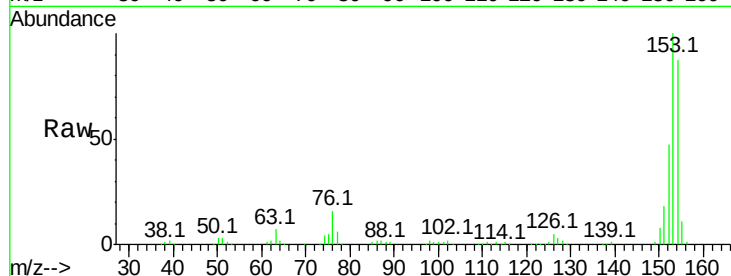
#51
Acenaphthene
Concen: 43.61 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.5	137.3
152	54.3	43.0	64.6

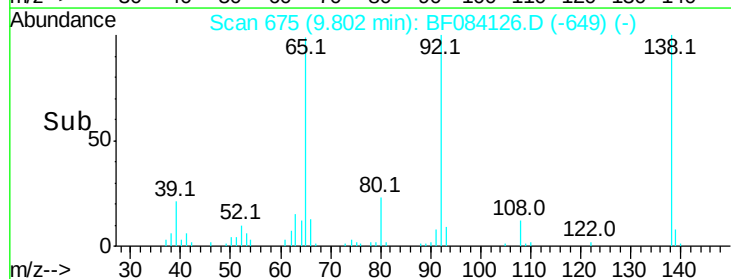
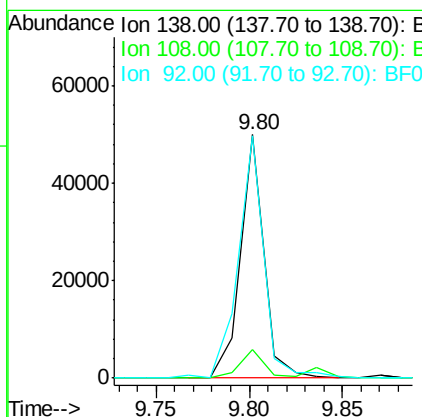
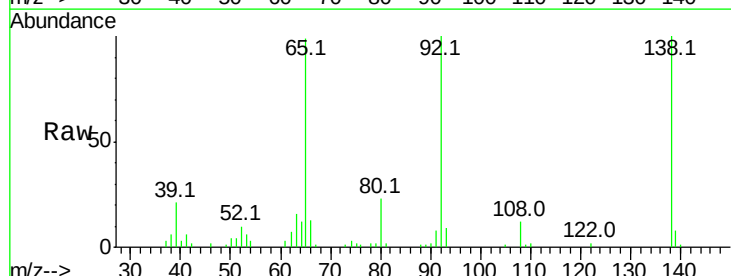
Manual Integrations
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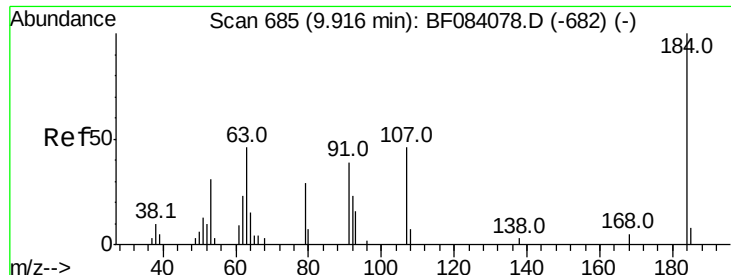
Sohil
12/28/2015 1:10:27 PM



#52
3-Nitroaniline
Concen: 26.08 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.6	10.5	15.7
92	99.8	103.9	155.9#





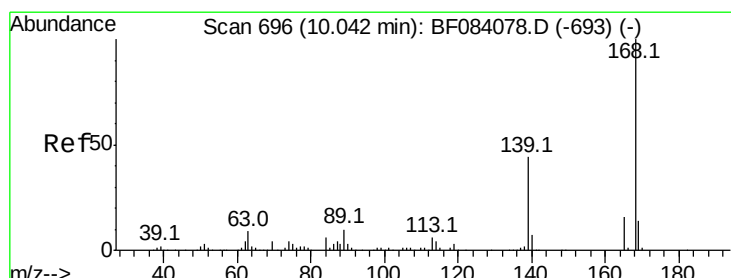
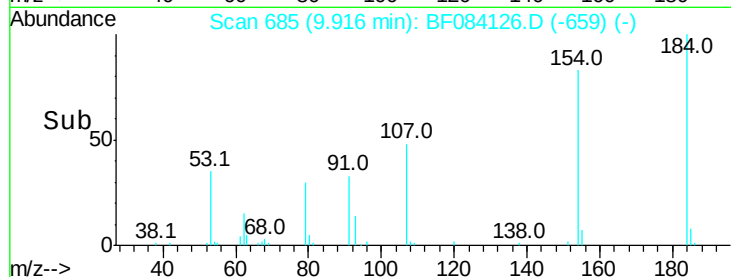
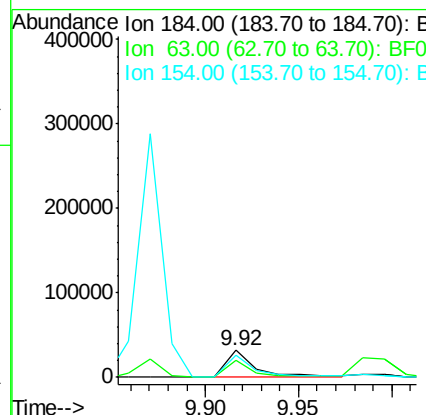
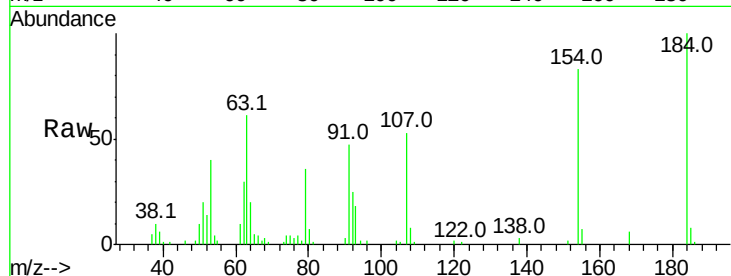
#53
 2,4-Dinitrophenol
 Concen: 63.99 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	61.4	43.1	64.7	
154	83.3	60.5	90.7	

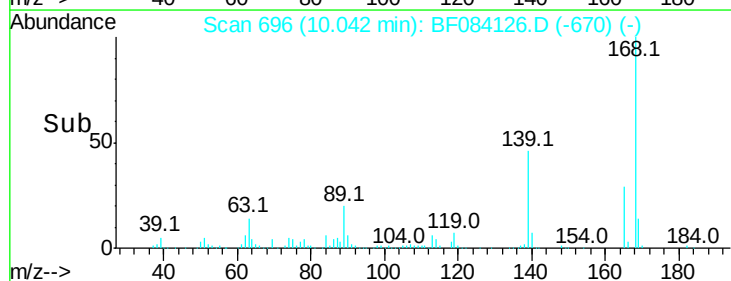
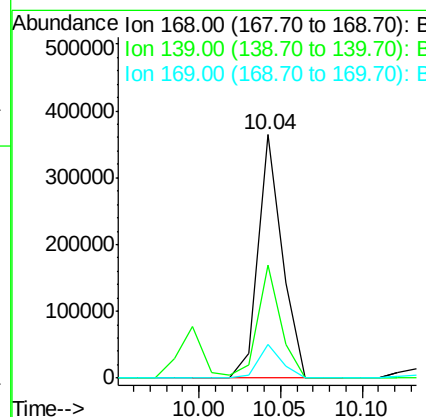
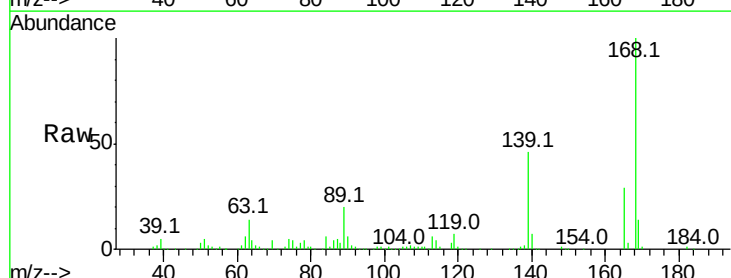
Manual Integrations
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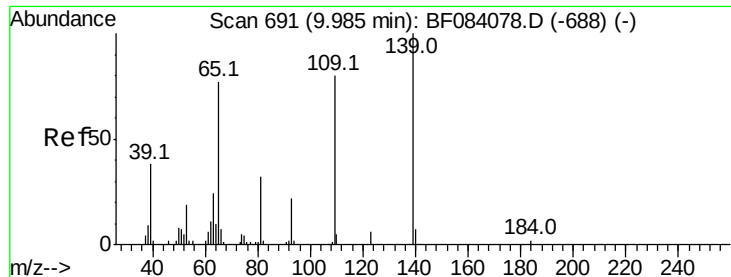
Sohil
 12/28/2015 1:10:27 PM



#54
 Dibenzofuran
 Concen: 46.44 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	46.4	30.5	45.7#	
169	13.7	10.4	15.6	





#55

4-Nitrophenol

Concen: 96.03 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

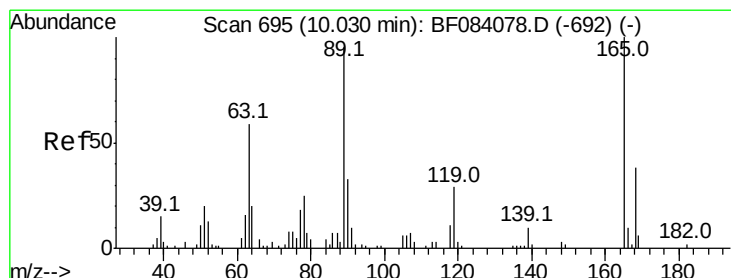
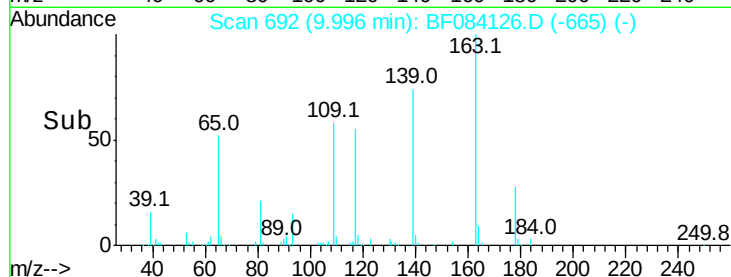
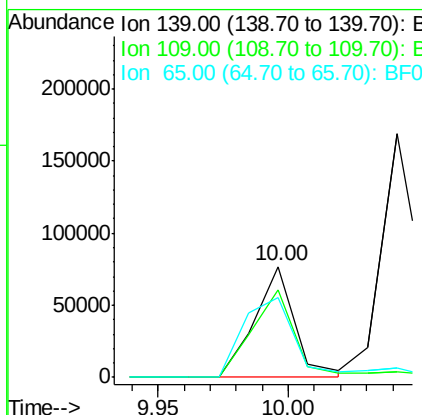
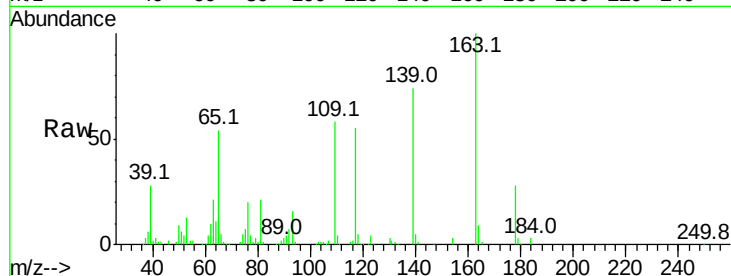
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Manual Integrations
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Tot Ion:	139	Resp:	82788
Ion Ratio	Lower	Upper	
139	100		
109	78.6	58.5	98.5
65	72.3	57.6	97.6



#56

2,4-Dinitrotoluene

Concen: 51.49 ng

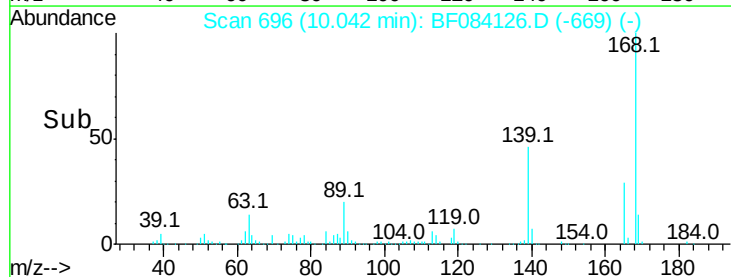
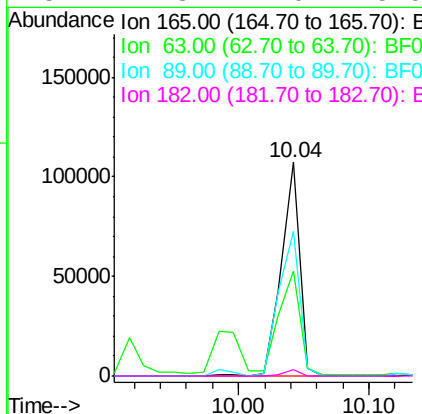
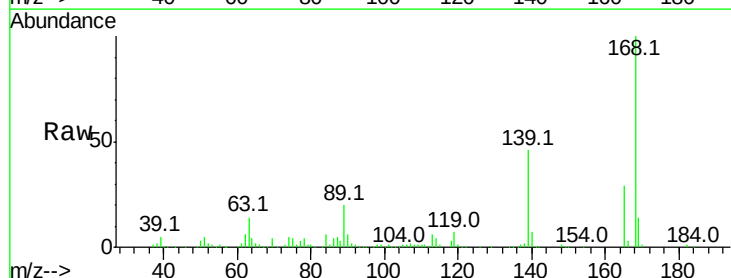
RT: 10.04 min Scan# 696

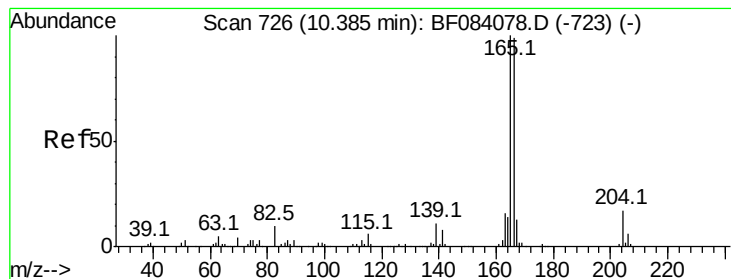
Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:	165	Resp:	106973
Ion Ratio	Lower	Upper	
165	100		
63	49.1	36.7	55.1
89	67.9	61.9	92.9
182	2.8	2.0	3.0





#57

Fluorene

Concen: 43.76 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

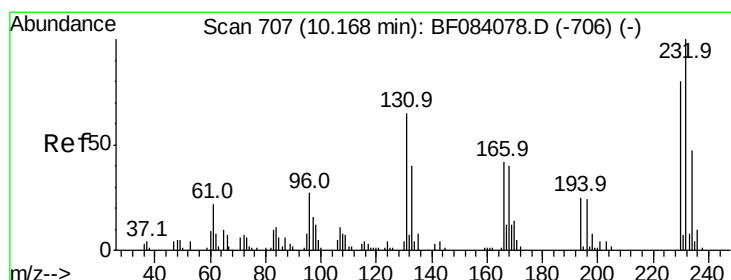
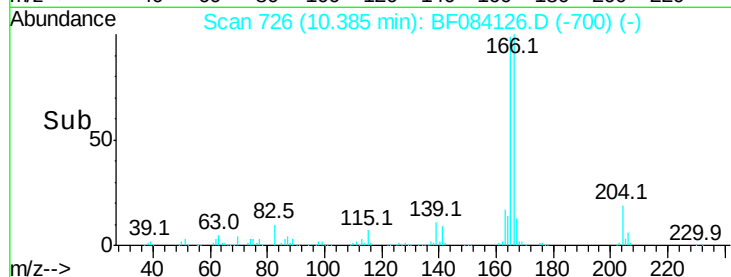
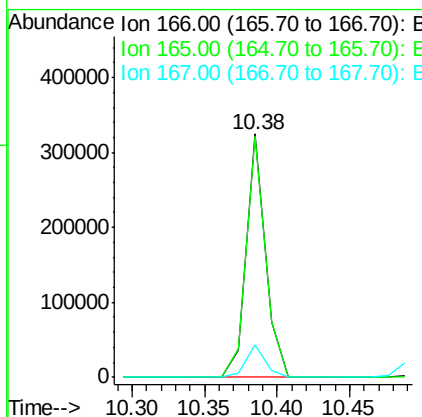
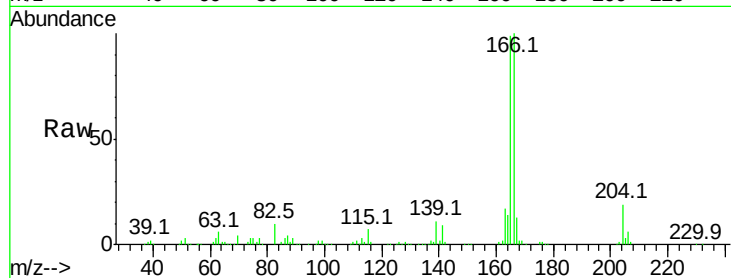
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion	166	Resp	300378
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.1	118.7
167	13.4	10.4	15.6

Manual Integrations
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12/28/2015 1:10:27 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.67 ng

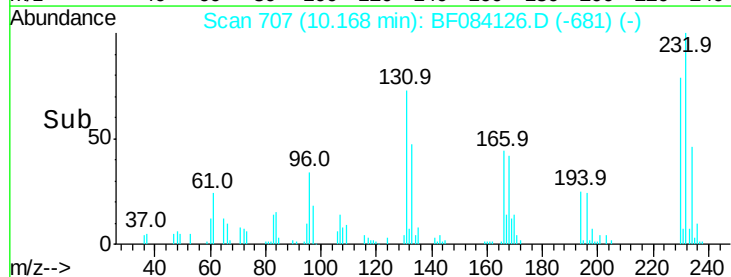
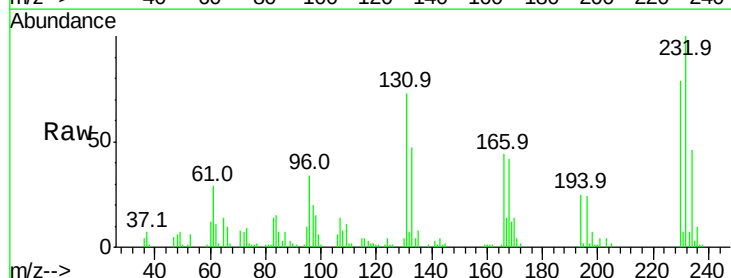
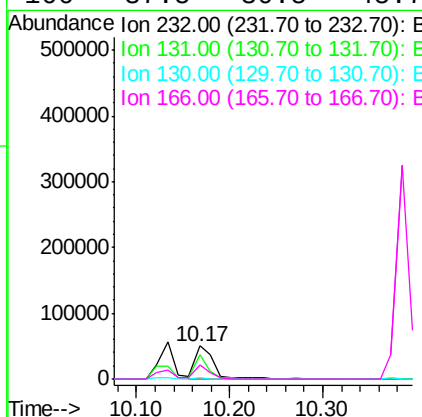
RT: 10.17 min Scan# 707

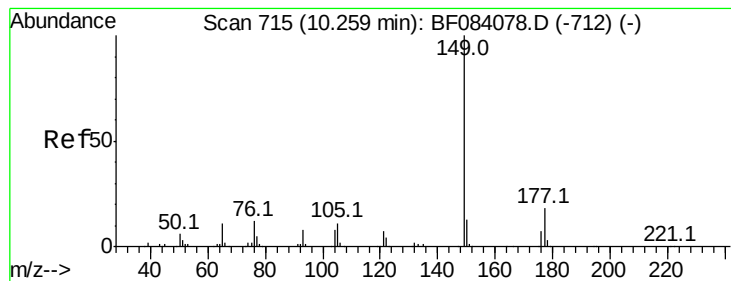
Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion	232	Resp	66526
Ion Ratio	Lower	Upper	
232	100		
131	55.8	47.0	70.6
130	2.8	2.0	3.0
166	37.5	30.5	45.7





#59

Diethylphthalate

Concen: 48.15 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

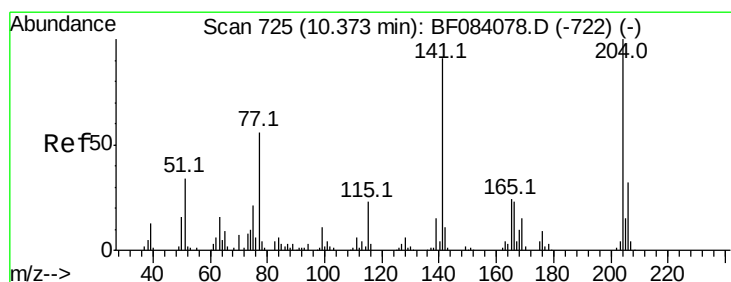
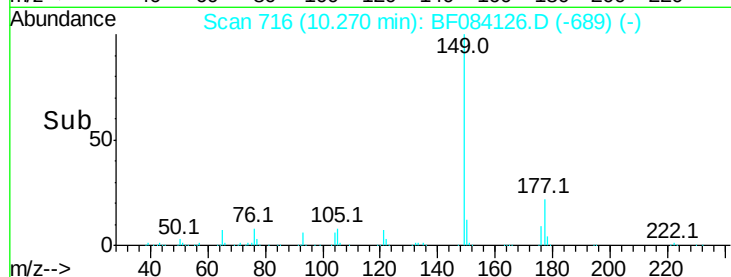
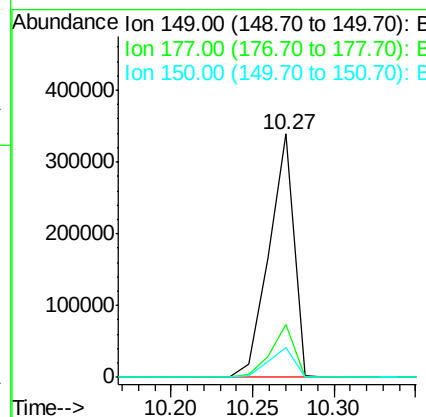
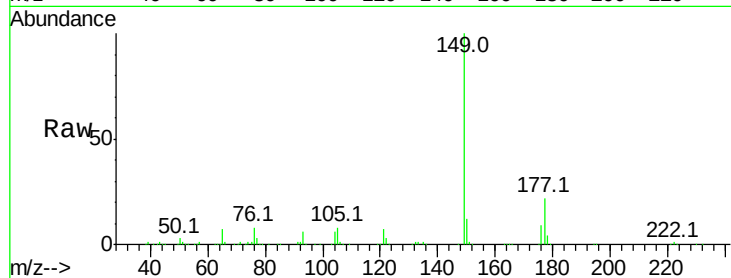
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Manual Integrations
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12/28/2015 1:10:27 PM

Tot Ion:	149	Resp:	362690
Ion Ratio	Lower	Upper	
149	100		
177	21.5	17.3	25.9
150	12.4	9.8	14.8



#60

4-Chlorophenyl-phenylether

Concen: 40.96 ng

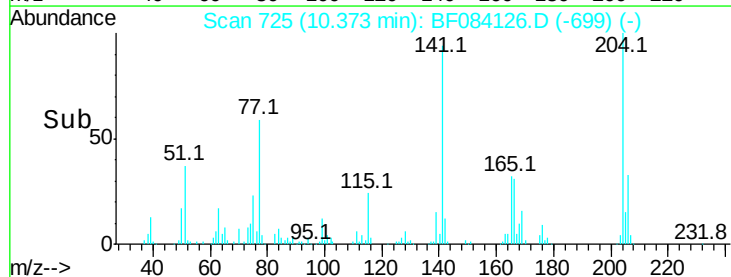
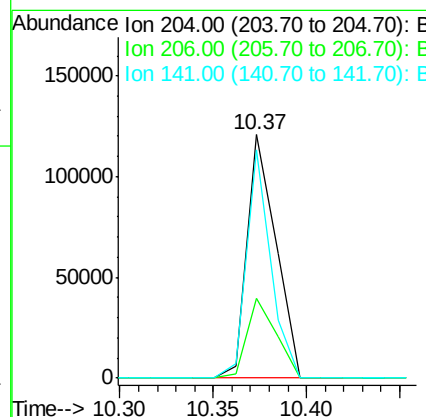
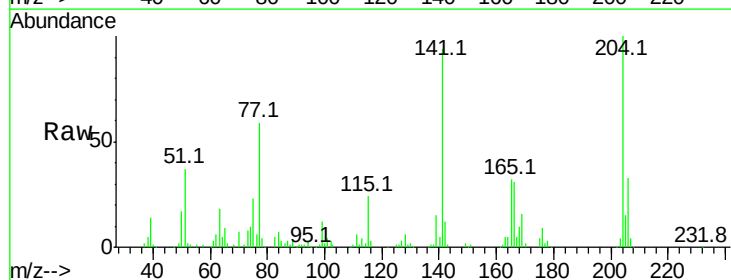
RT: 10.37 min Scan# 725

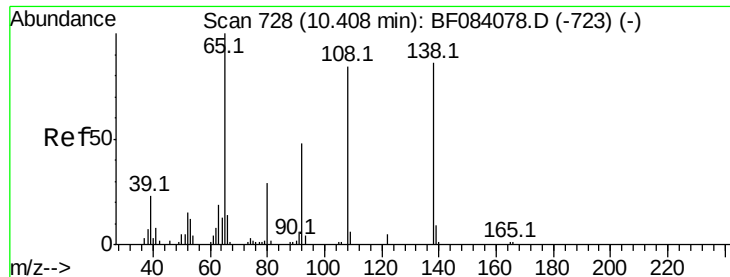
Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:	204	Resp:	129671
Ion Ratio	Lower	Upper	
204	100		
206	32.6	25.7	38.5
141	93.6	55.1	82.7#





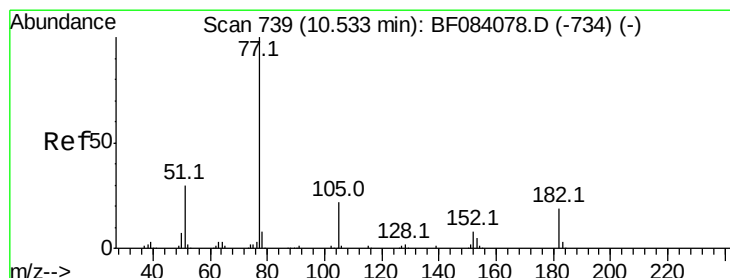
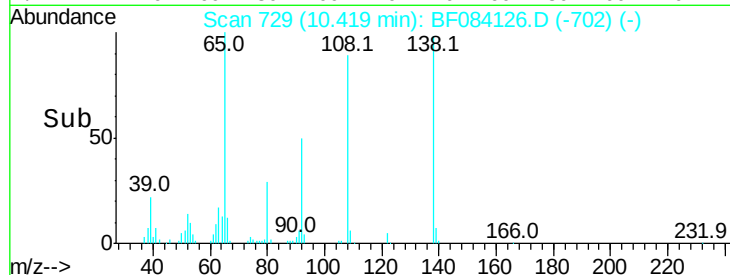
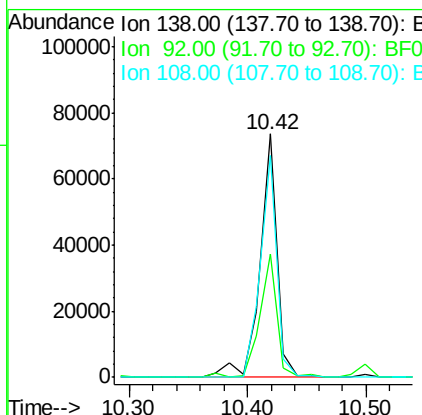
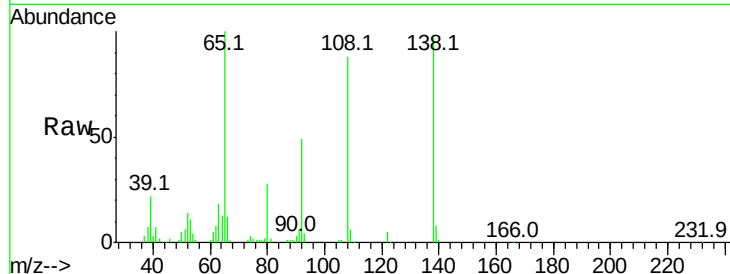
#61
4-Nitroaniline
Concen: 47.66 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.7	32.6	72.6
108	91.2	68.6	108.6

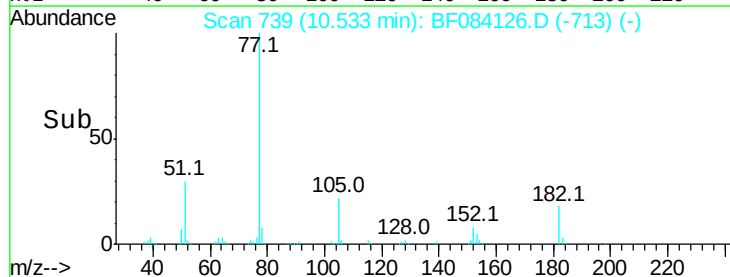
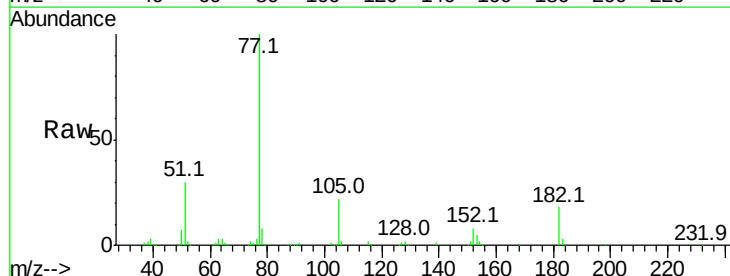
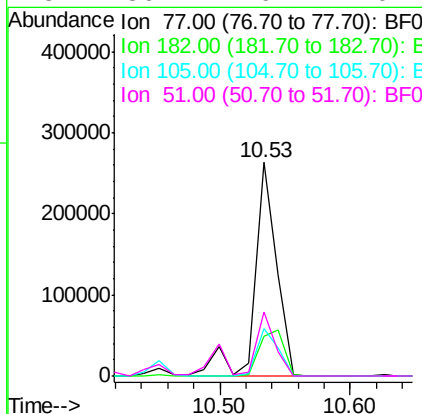
Manual Integrations
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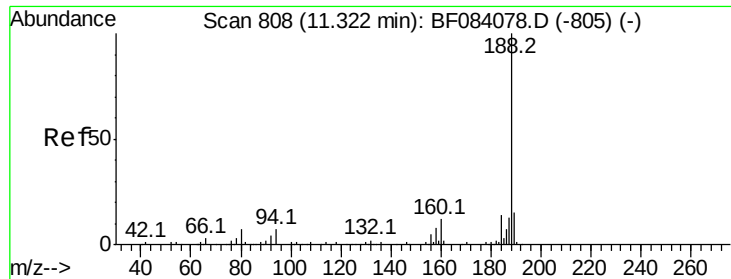
Sohil
12/28/2015 1:10:27 PM



#62
Azobenzene
Concen: 49.86 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.3	8.3	48.3
105	22.2	4.6	44.6
51	30.2	6.2	46.2





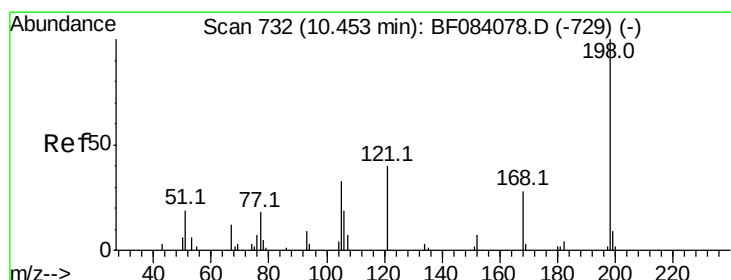
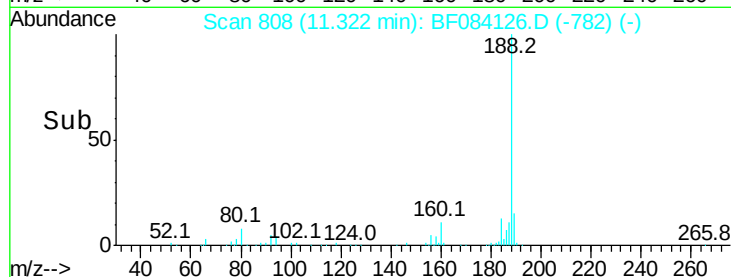
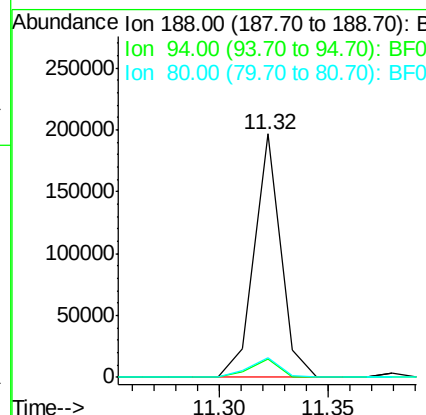
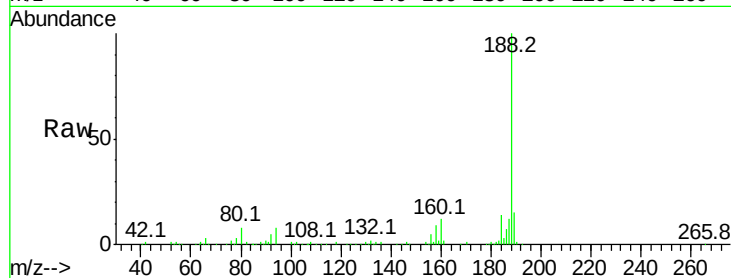
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.6	9.0	13.4#
80	8.3	9.6	14.4#

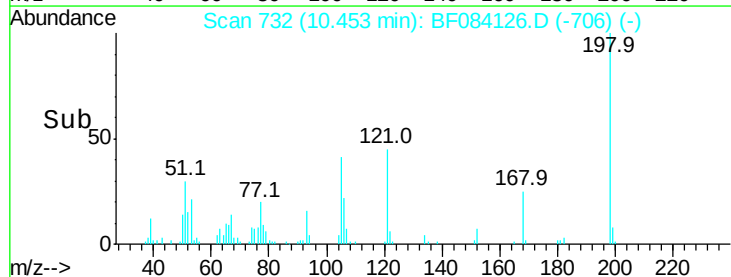
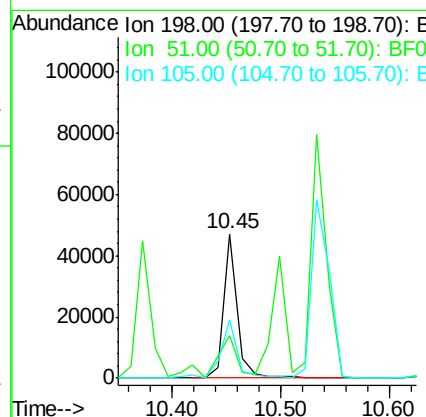
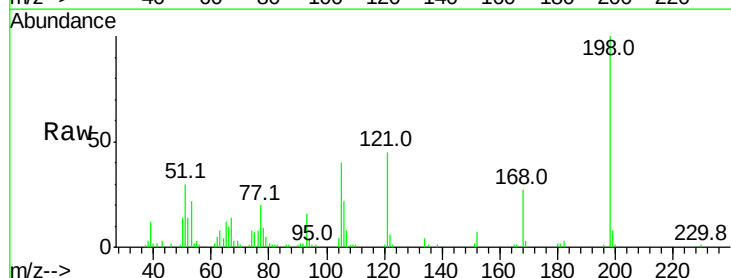
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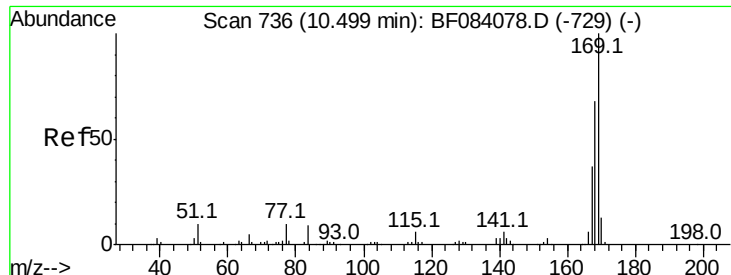
Sohil
12/28/2015 1:10:27 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 45.33 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	29.7	18.9	58.9
105	40.4	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 47.33 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

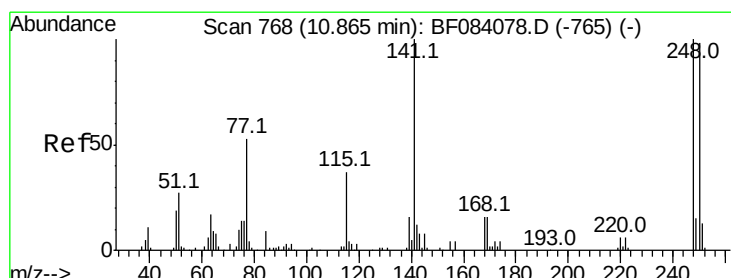
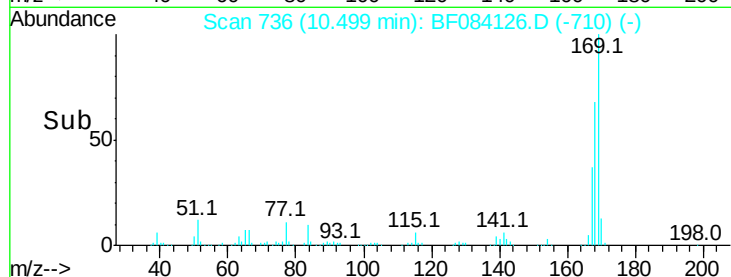
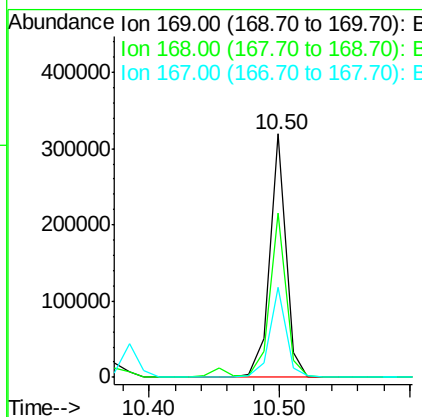
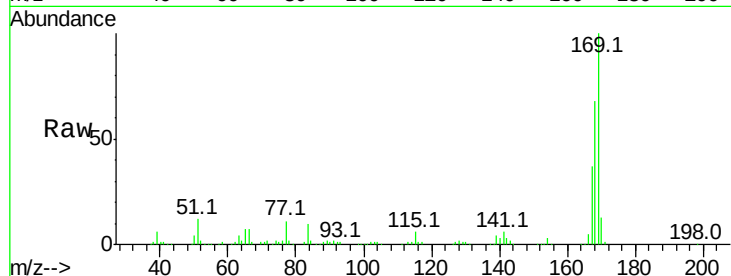
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion:	169	Resp:	280044
Ion Ratio	Lower	Upper	
169	100		
168	67.7	55.1	82.7
167	36.7	30.0	45.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 45.64 ng

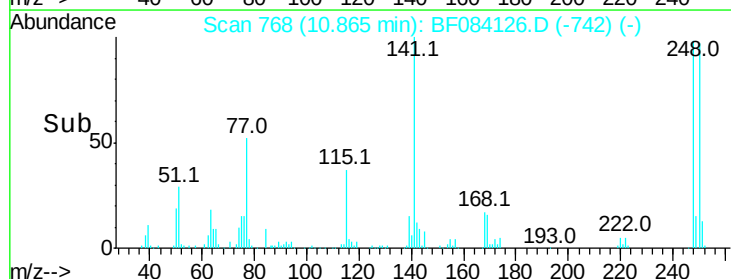
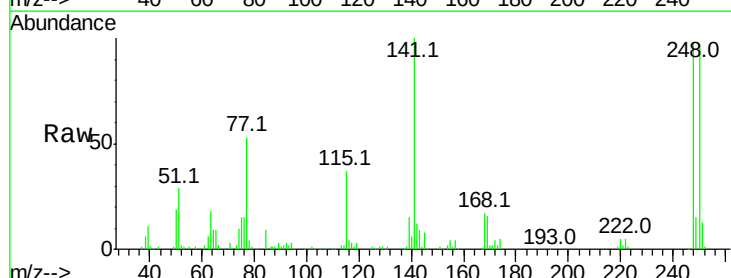
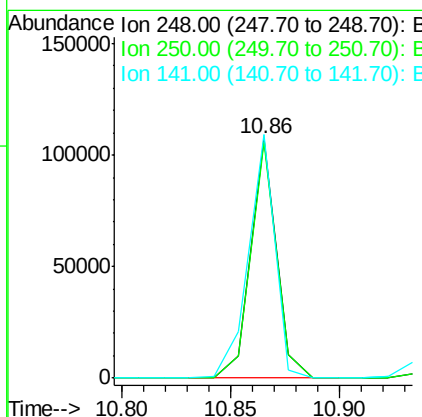
RT: 10.86 min Scan# 768

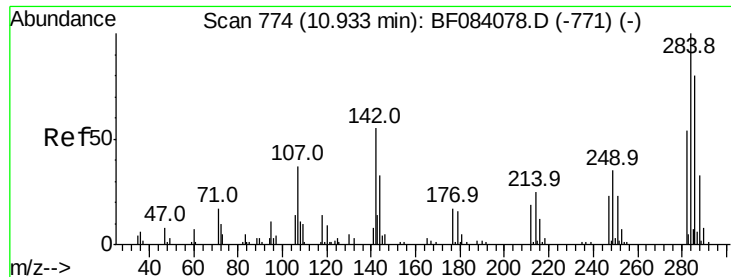
Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion:	248	Resp:	87750
Ion Ratio	Lower	Upper	
248	100		
250	98.5	78.4	117.6
141	101.6	44.0	66.0#





#67

Hexachlorobenzene

Concen: 44.28 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

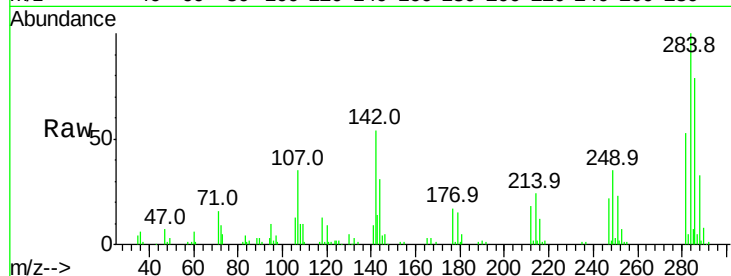
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

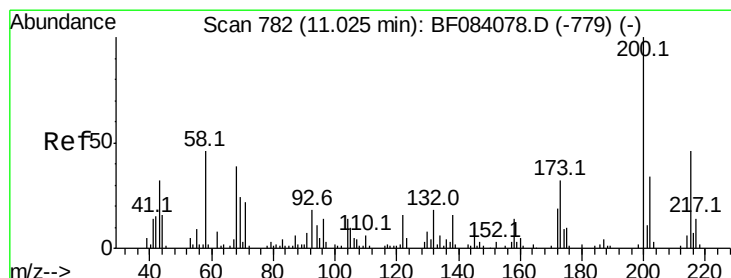
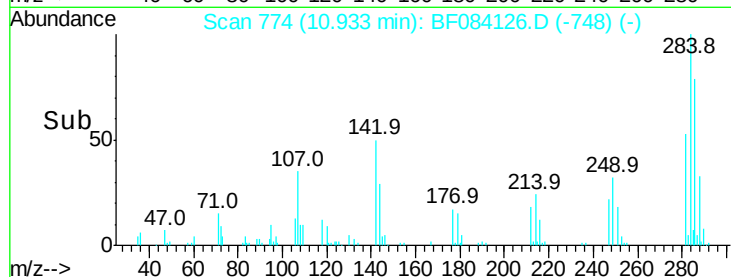
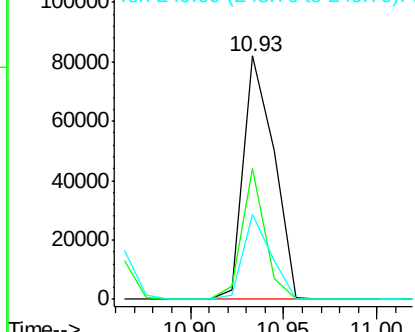
Tot Ion:	284	Resp:	93206
Ion Ratio	Lower	Upper	
284	100		
142	53.5	22.2	33.4#
249	35.0	24.6	37.0

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



#68

Atrazine

Concen: 49.90 ng

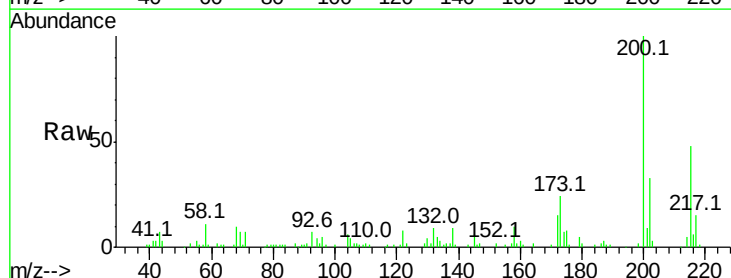
RT: 11.04 min Scan# 783

Delta R.T. 0.01 min

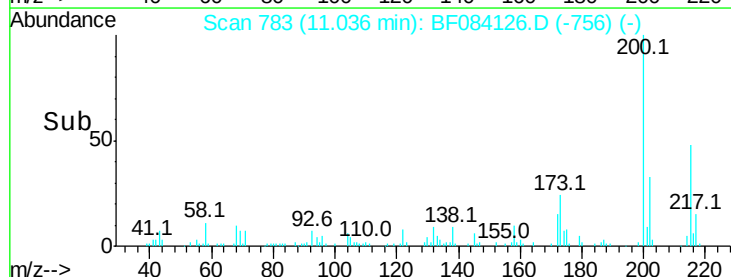
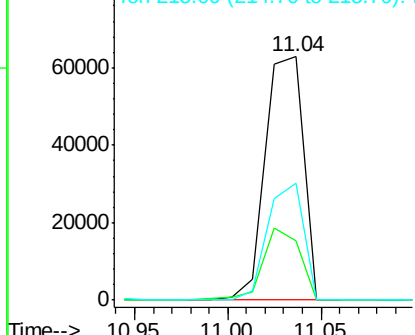
Lab File: BF084126.D

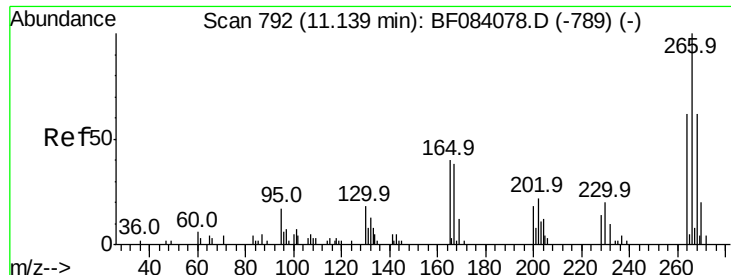
Acq: 25 Dec 2015 13:34

Tgt Ion:	200	Resp:	88921
Ion Ratio	Lower	Upper	
200	100		
173	24.2	9.5	49.5
215	48.1	23.8	63.8



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





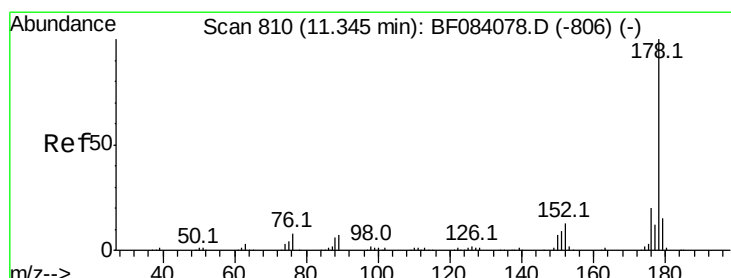
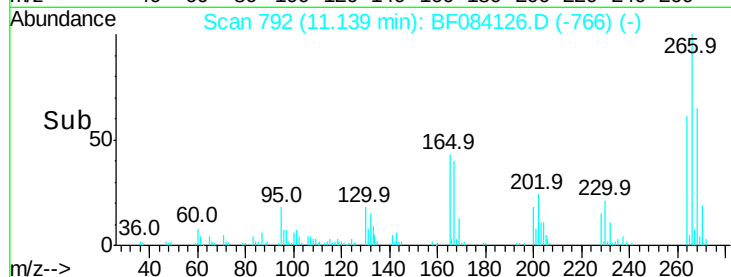
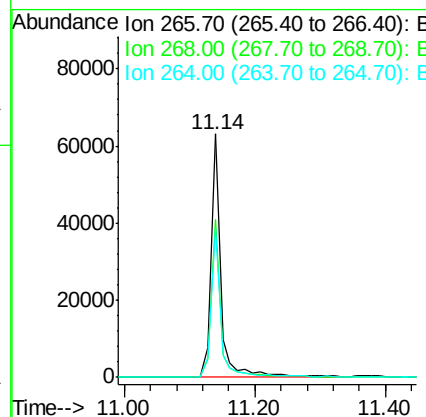
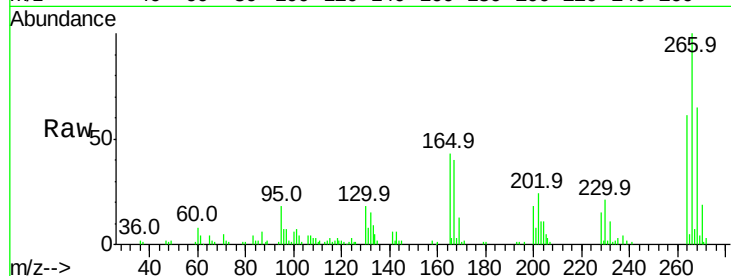
#69
 Pentachlorophenol
 Concen: 94.38 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	66415		
268	64.8		52.4	78.6
264	61.3		50.2	75.2

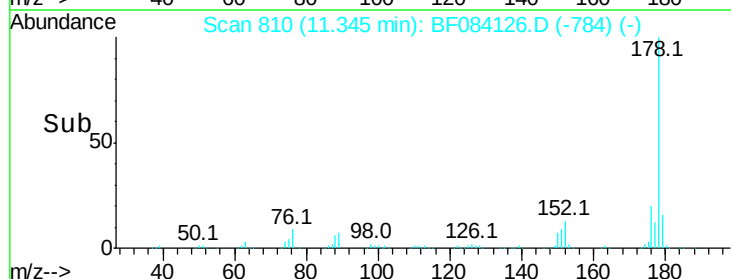
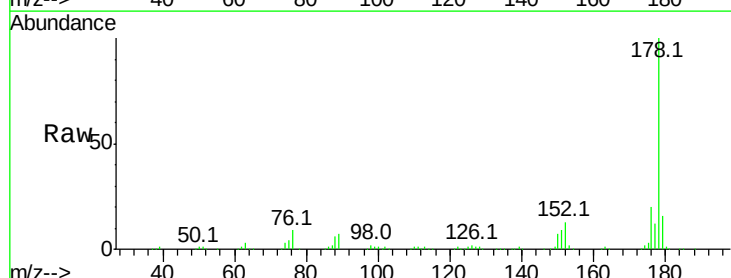
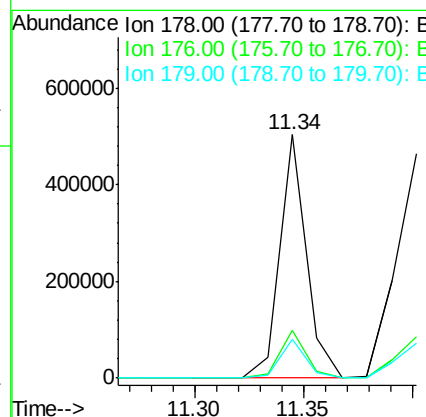
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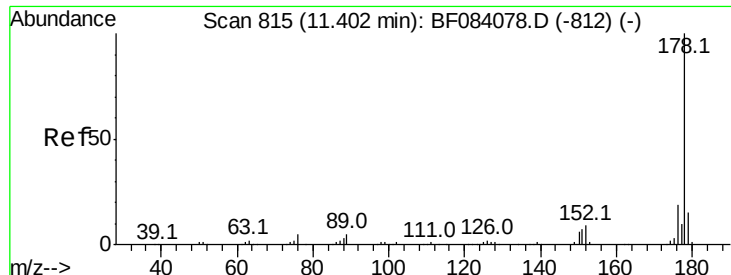
Sohil
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#70
 Phenanthrene
 Concen: 44.15 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	434406		
176	19.5		15.3	22.9
179	15.8		12.0	18.0





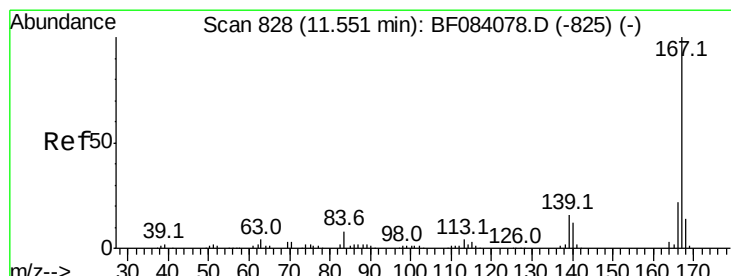
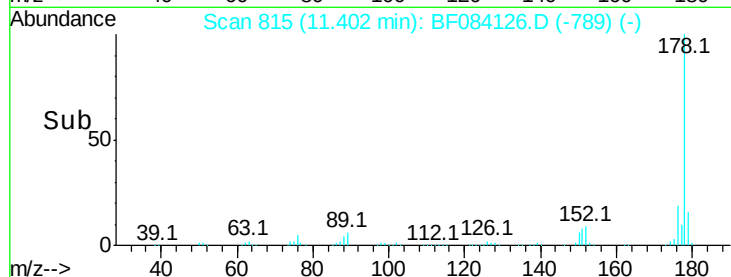
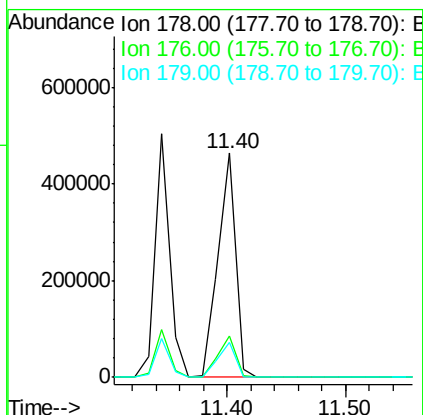
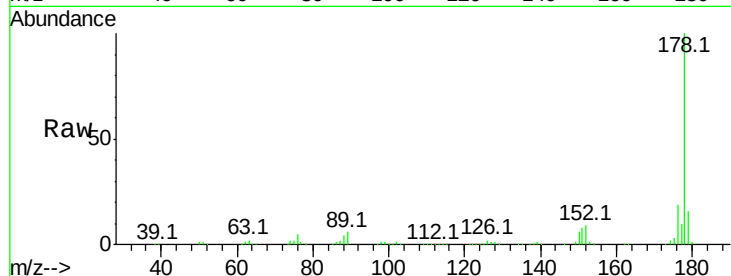
#71
 Anthracene
 Concen: 45.94 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	15.5	12.5	18.7

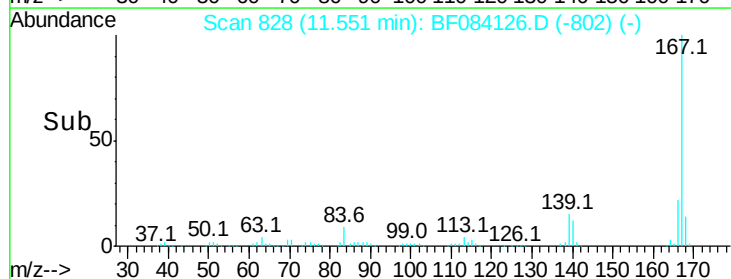
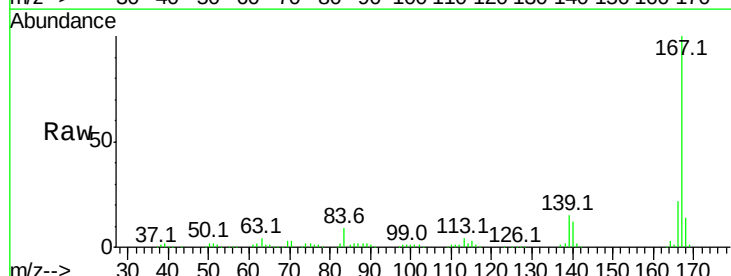
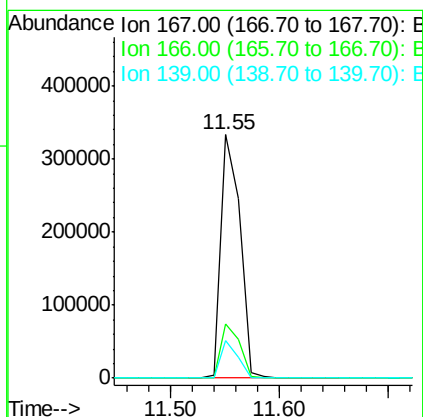
Manual Integrations
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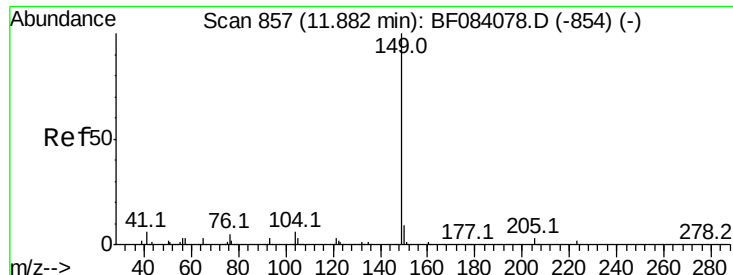
Sohil
 12/28/2015 1:10:27 PM



#72
 Carbazole
 Concen: 46.58 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	15.3	11.8	17.8





#73

Di-n-butylphthalate

Concen: 43.59 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

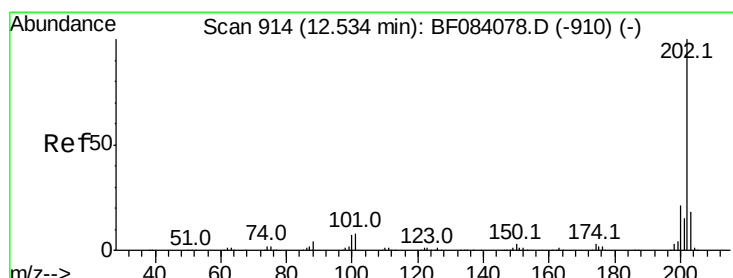
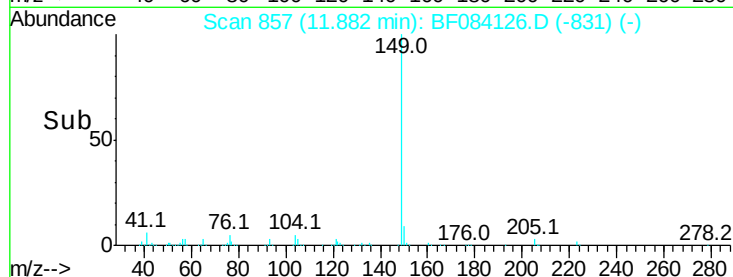
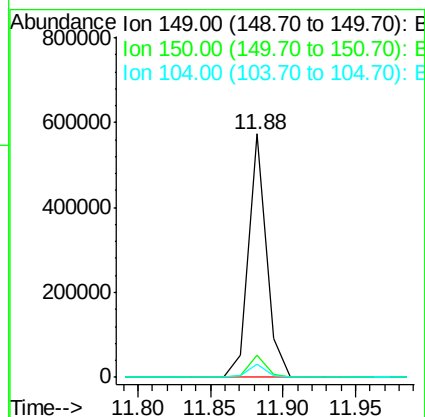
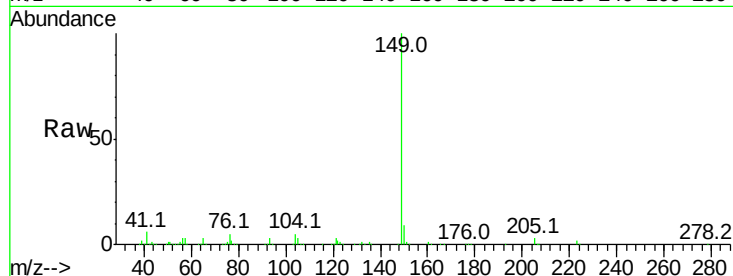
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

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Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.1	10.7	
104	5.5	3.2	4.8	



#74

Fluoranthene

Concen: 44.65 ng

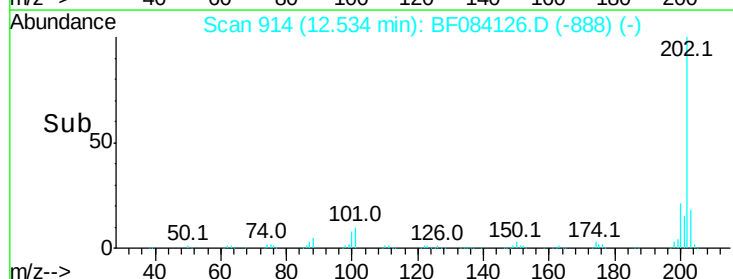
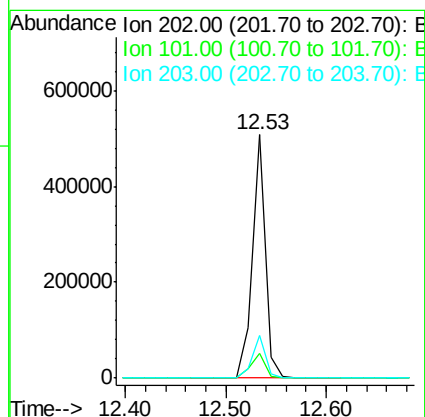
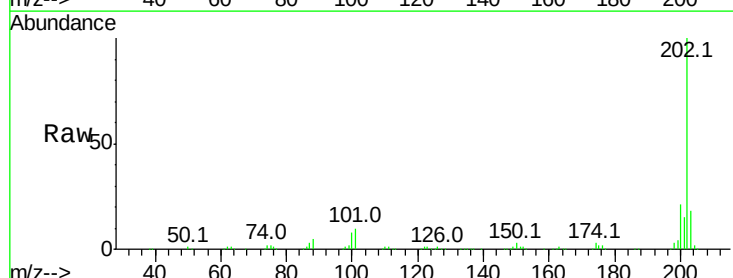
RT: 12.53 min Scan# 914

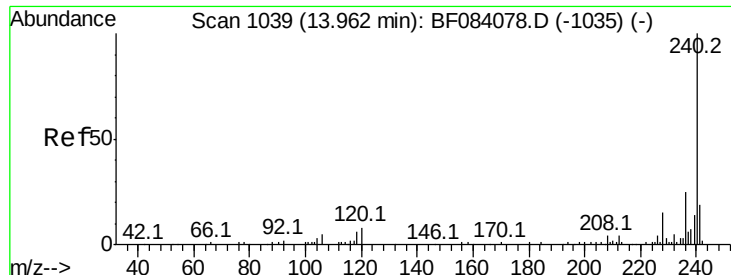
Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.9	0.0	32.8	
203	17.7	0.0	37.9	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

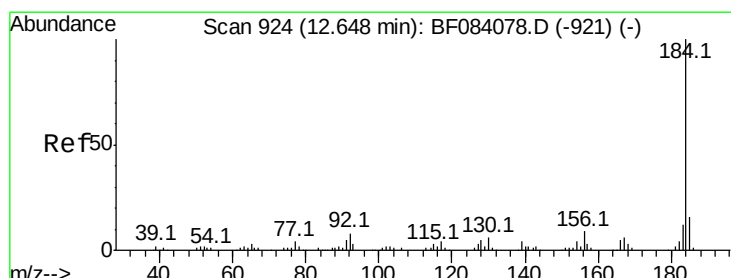
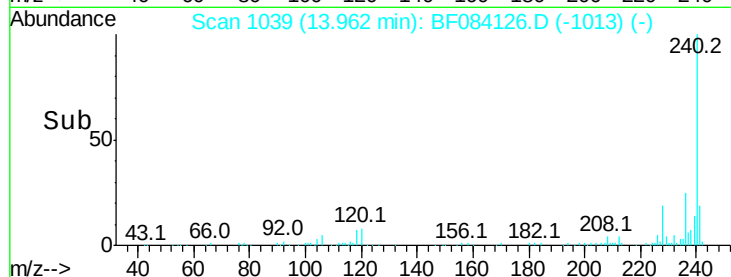
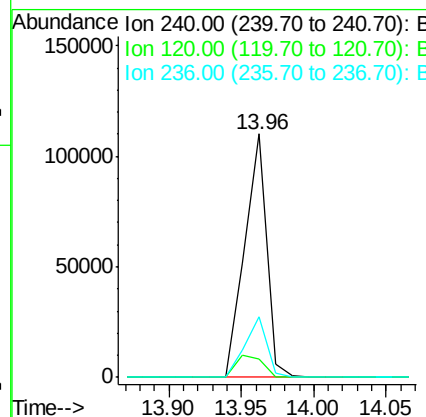
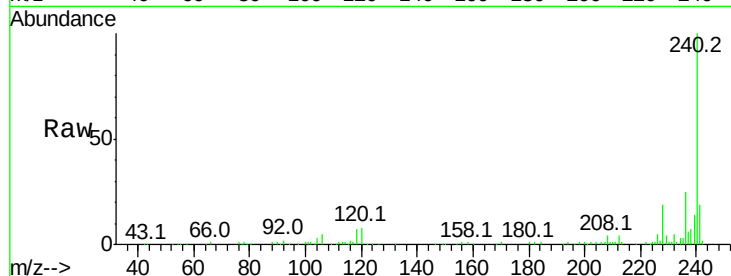
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	116411		
120	7.6	9.5	14.3	#
236	24.9	20.6	31.0	

Manual Integrations
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#76

Benzidine

Concen: 35.68 ng

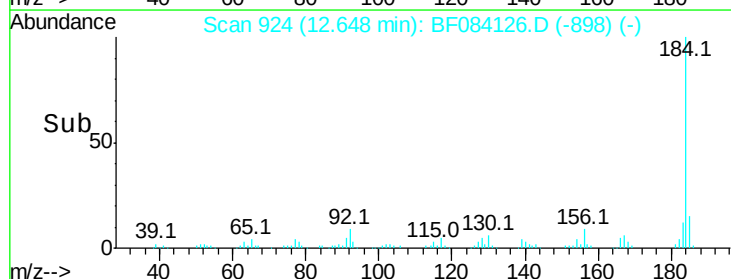
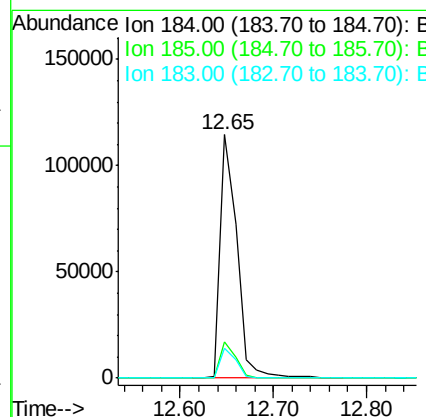
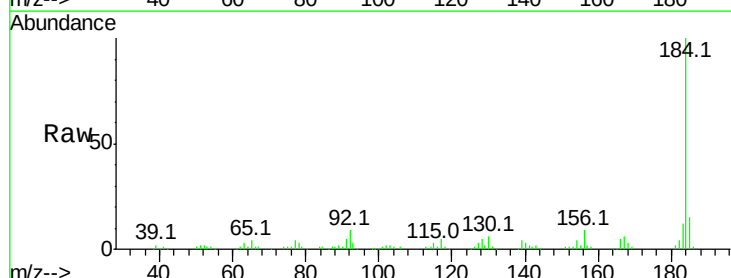
RT: 12.65 min Scan# 924

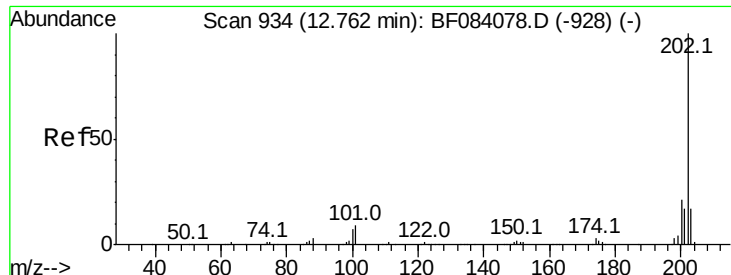
Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	141186		
185	15.1	12.2	18.2	
183	12.2	9.8	14.8	





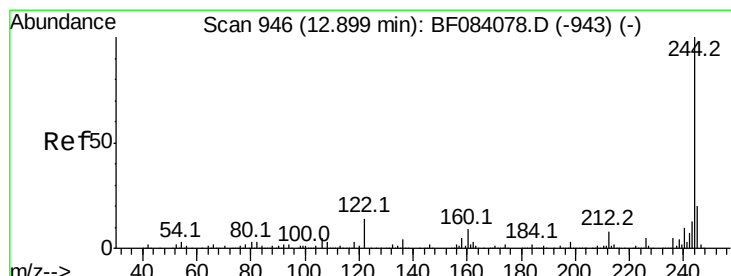
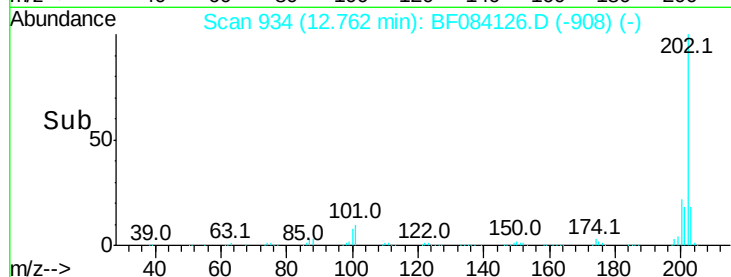
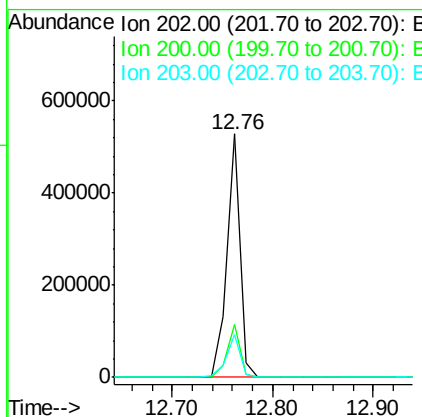
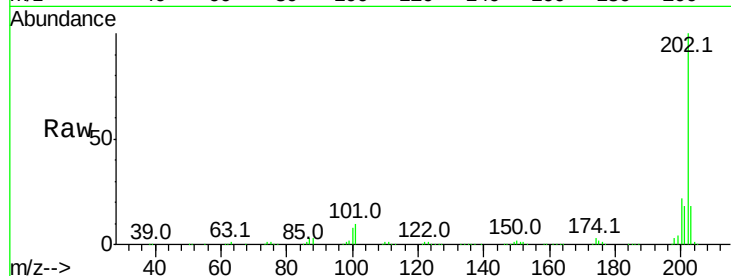
#77
Pvrene
Concen: 47.66 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	478642		
200	21.6		17.2	25.8
203	17.6		14.3	21.5

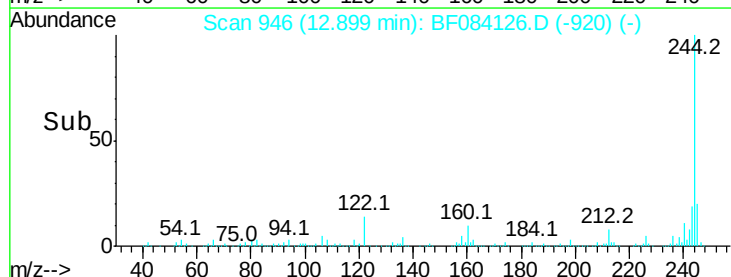
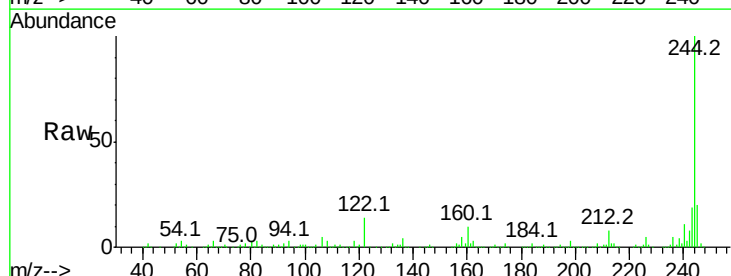
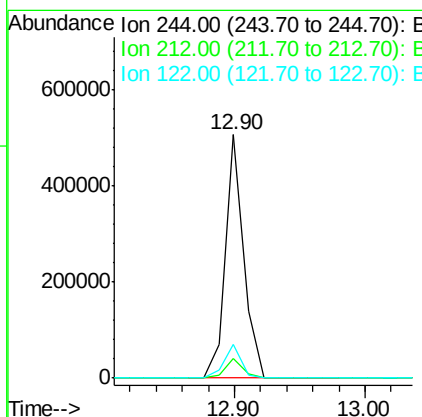
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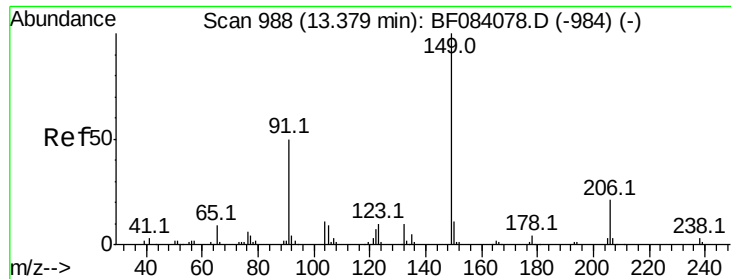
Sohil
12/28/2015 1:10:27 PM



#78
Terphenyl-d14
Concen: 76.34 ng
RT: 12.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	491094		
212	7.9		5.7	8.5
122	13.9		7.4	11.0#





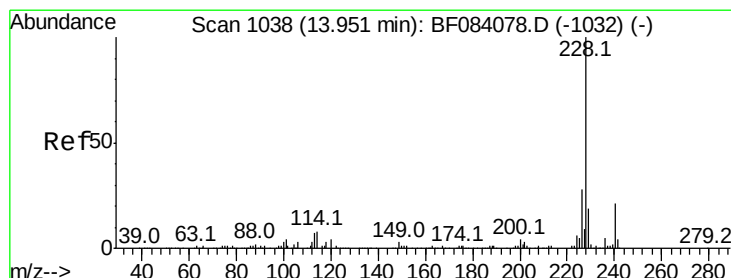
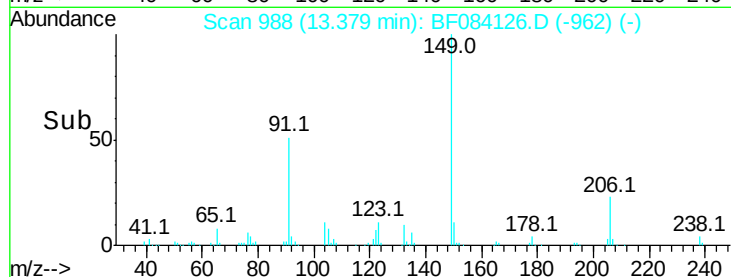
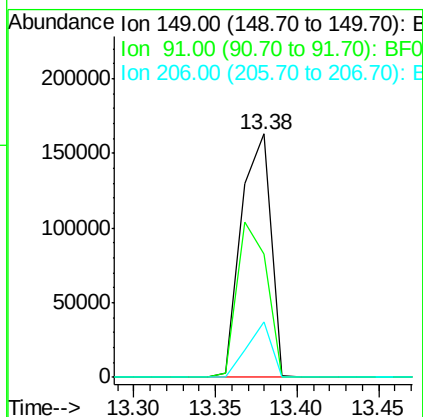
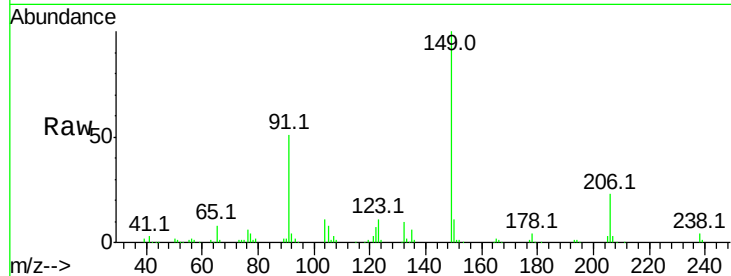
#79
Butylbenzylphthalate
Concen: 48.91 ng
RT: 13.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	203329		
91	50.5	57.6	86.4#	
206	22.8	13.2	19.8#	

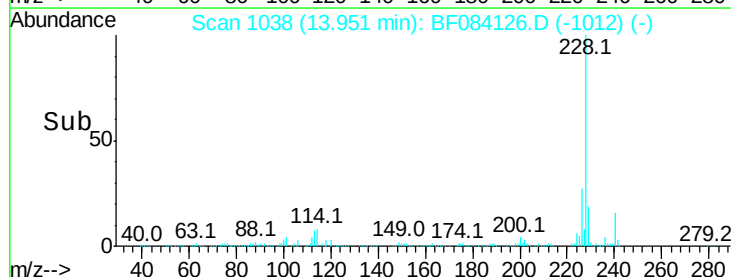
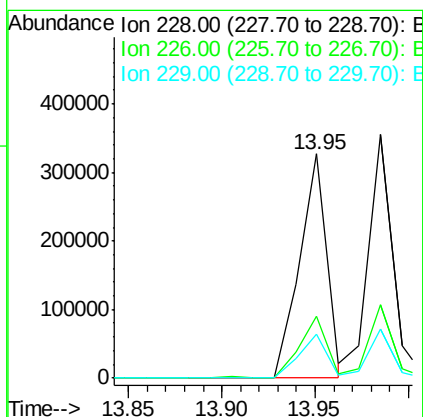
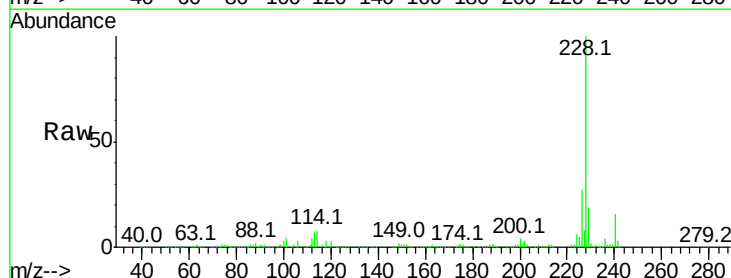
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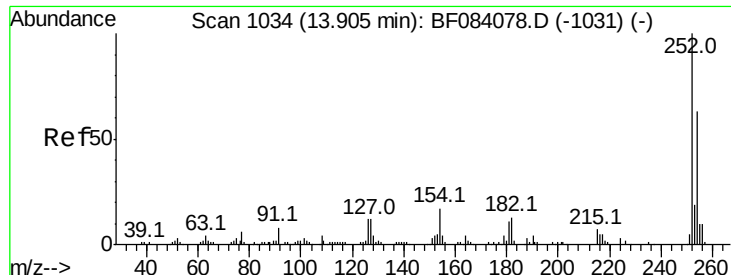
Sohil
12/28/2015 1:10:27 PM



#80
Benzo(a)anthracene
Concen: 46.42 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	332387		
226	27.5	21.8	32.6	
229	19.4	15.8	23.8	





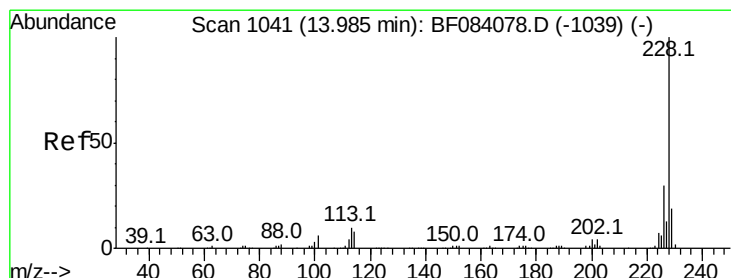
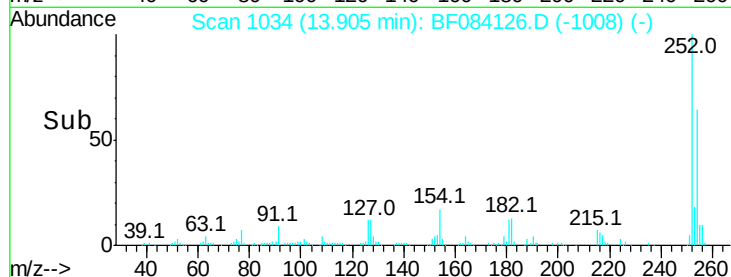
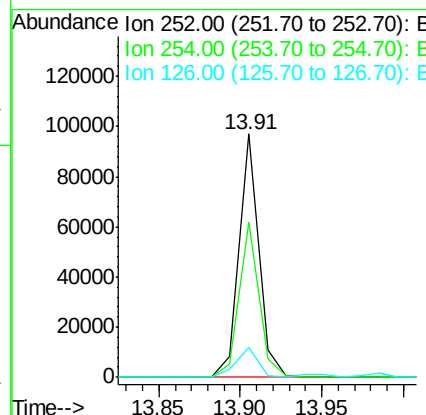
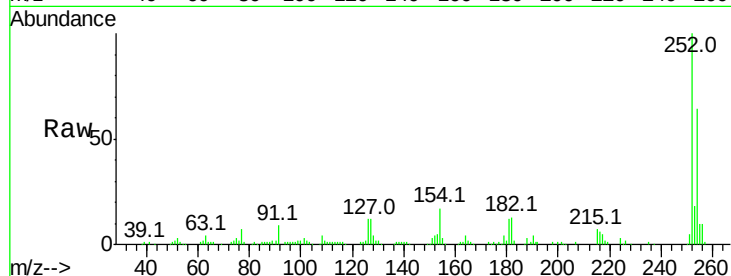
#81
 3,3'-Dichlorobenzidine
 Concen: 37.06 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.5	80.3
126	12.5	4.9	7.3

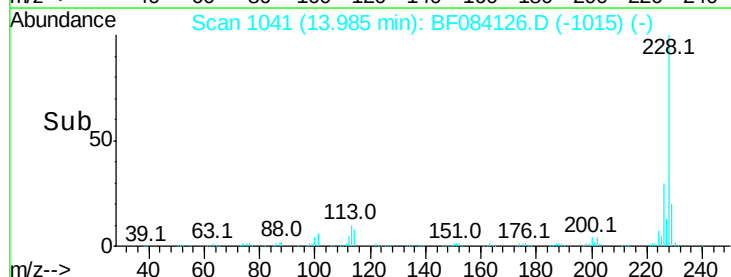
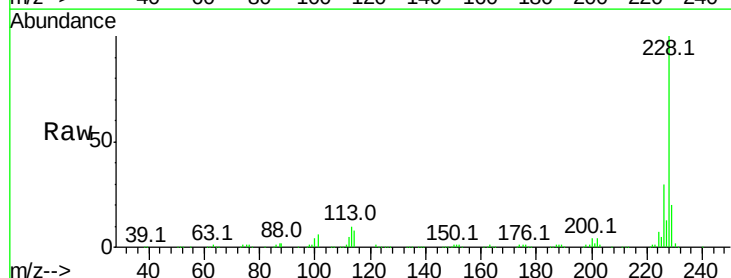
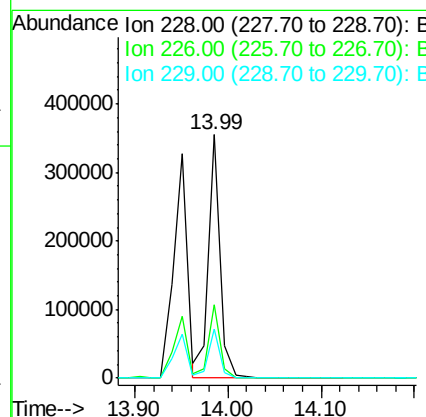
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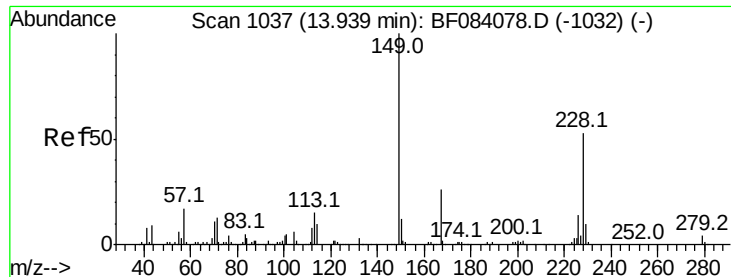
Sohil
 12/28/2015 1:10:27 PM



#82
 Chrysene
 Concen: 47.86 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.9	16.1	24.1





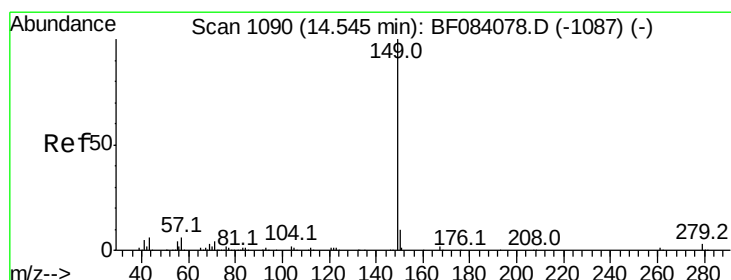
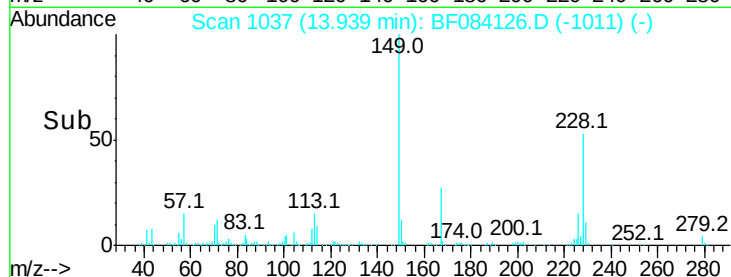
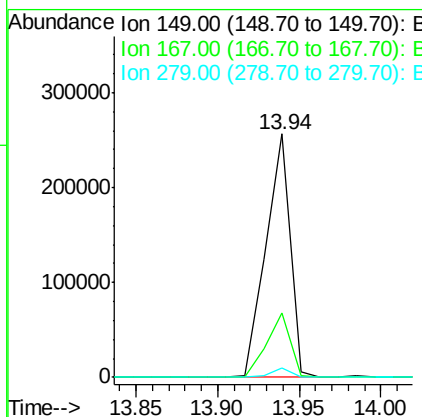
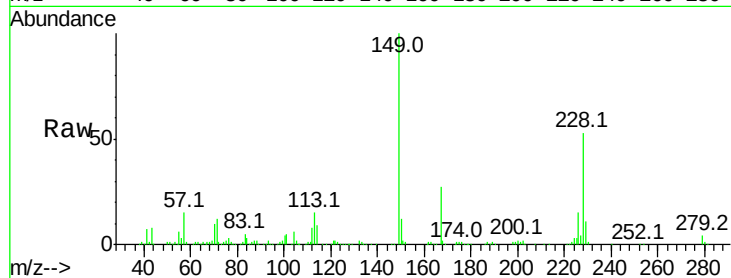
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.85 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	267770		
167	26.5	19.7	29.5	
279	4.0	1.8	2.6	

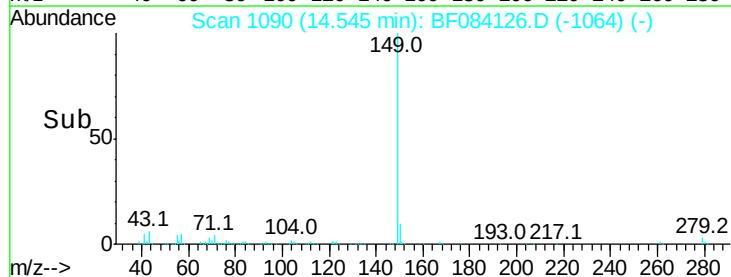
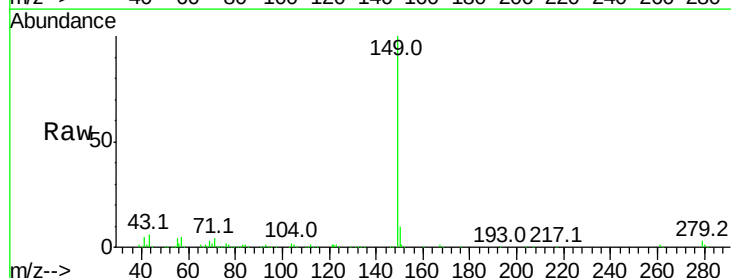
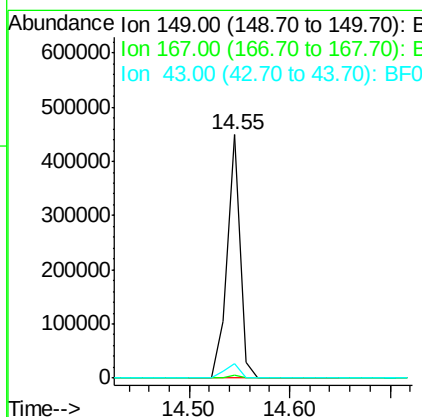
Manual Integrations
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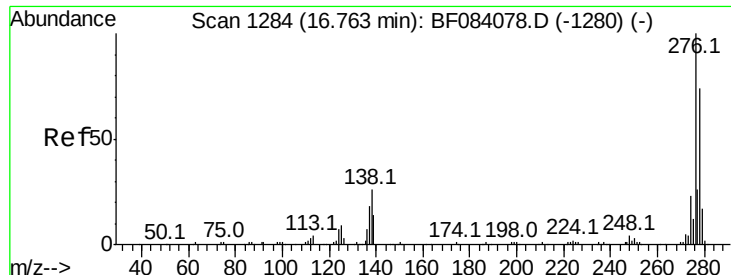
Sohil
 12/28/2015 1:10:27 PM



#84
 Di-n-octyl phthalate
 Concen: 53.29 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	402786		
167	1.5	1.2	1.8	
43	7.3	5.6	8.4	





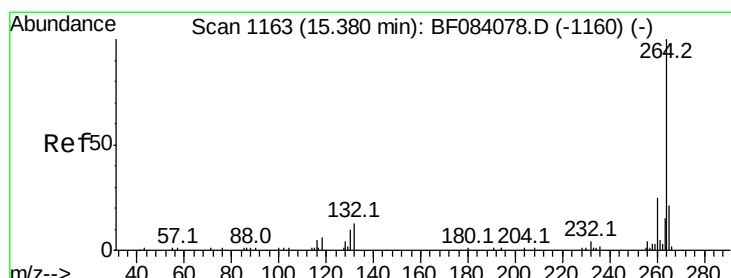
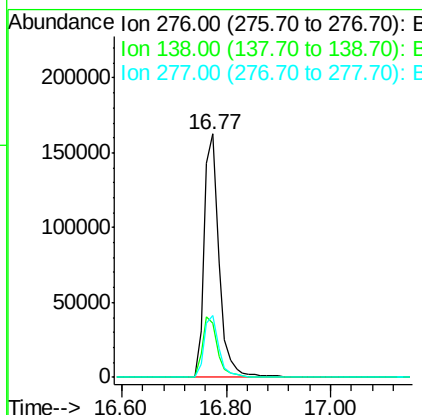
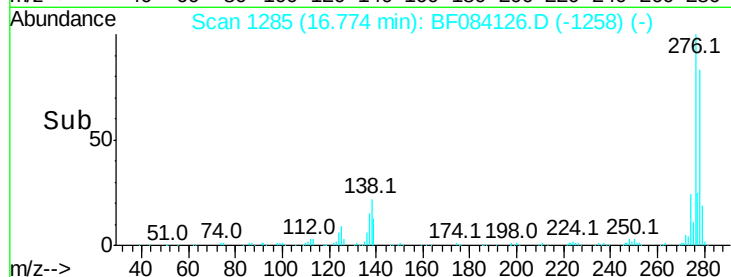
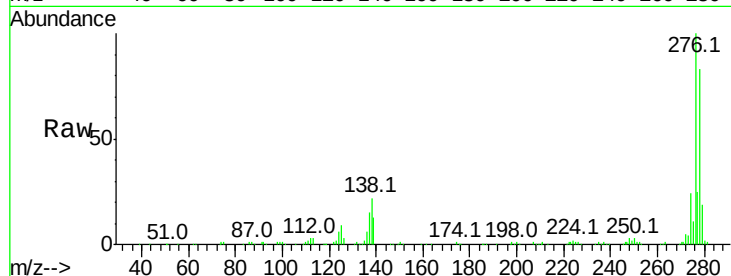
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.79 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.6	30.8
277	25.1	20.1	30.1

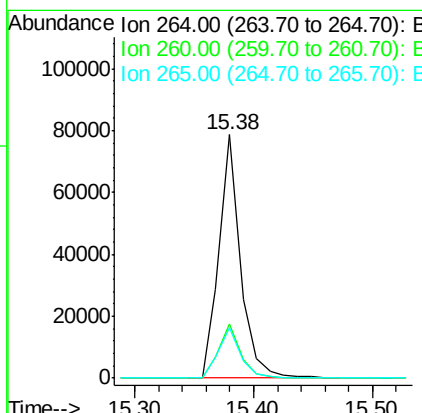
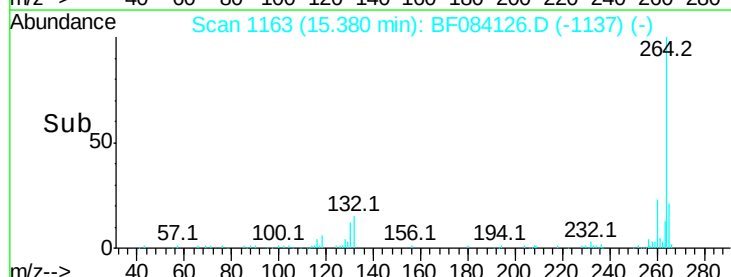
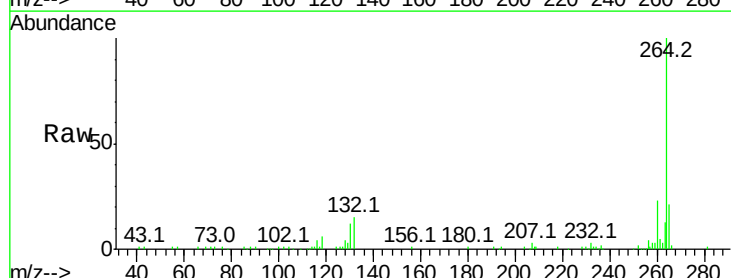
Manual Integrations
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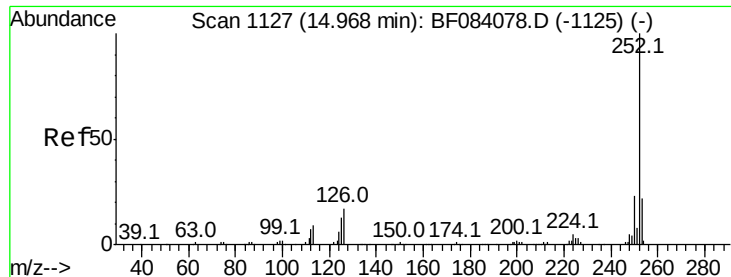
Sohil
 12/28/2015 1:10:27 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.2
265	20.9	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 44.37 ng m

RT: 14.98 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Instrument :

BNA_F

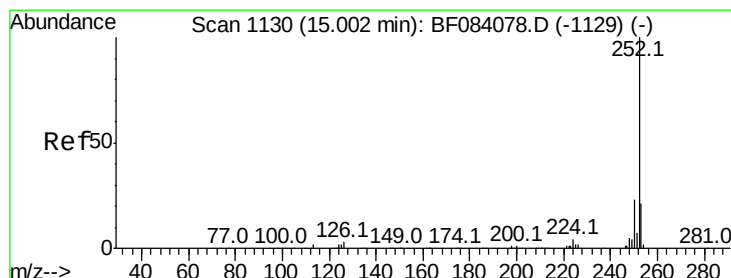
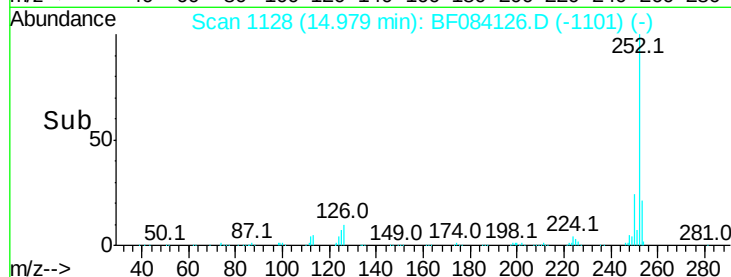
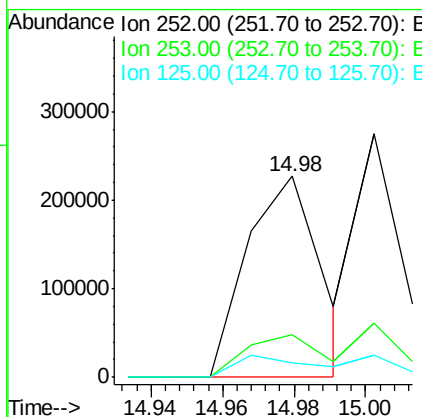
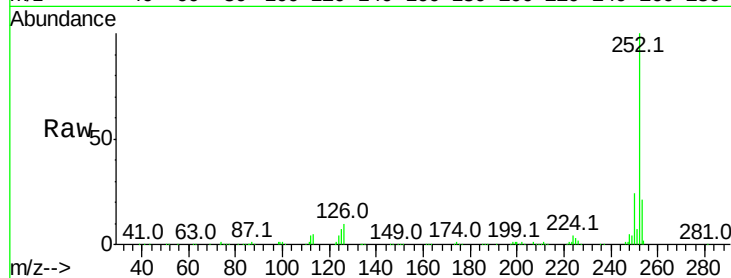
ClientSampleId :

PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	7.3	6.5	9.7

Manual Integrations
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Sohil
12/28/2015 1:10:27 PM



#88

Benzo(k)fluoranthene

Concen: 51.14 ng m

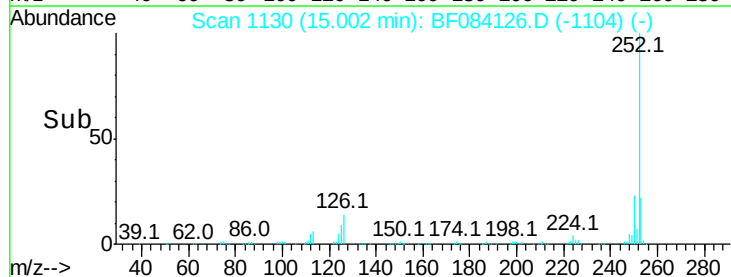
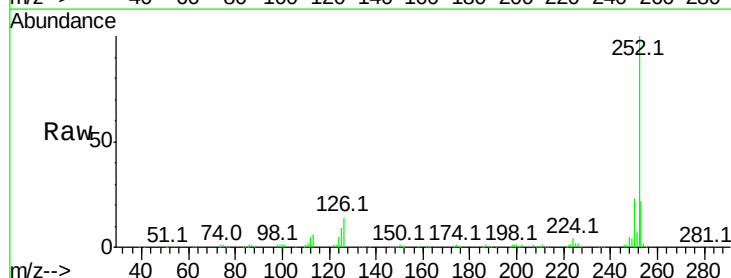
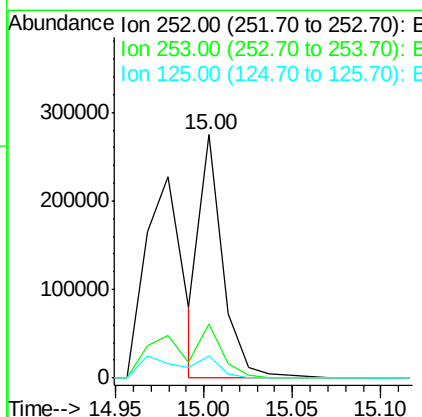
RT: 15.00 min Scan# 1130

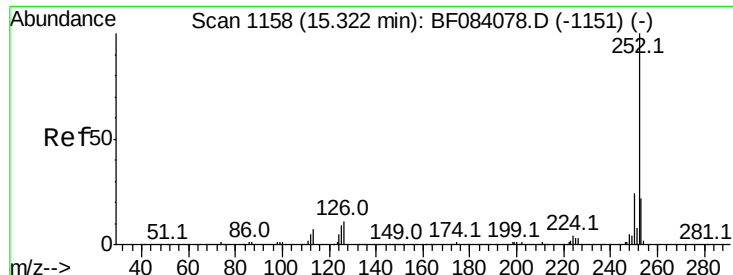
Delta R.T. 0.00 min

Lab File: BF084126.D

Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	9.0	9.0	13.6





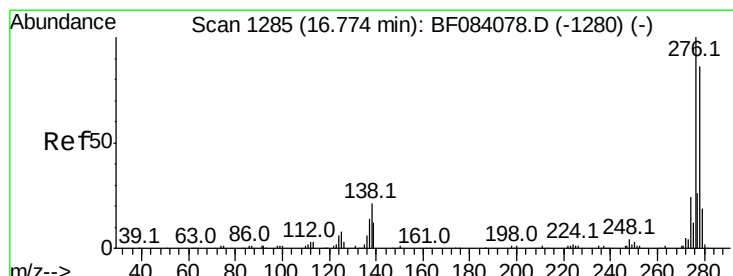
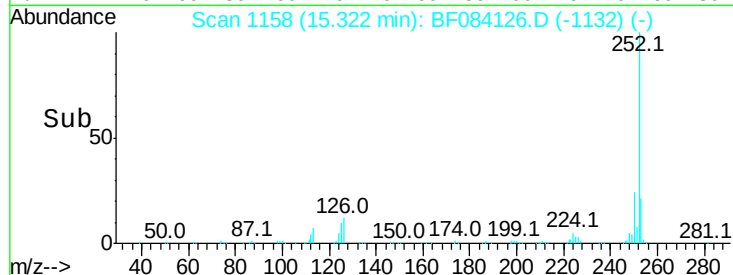
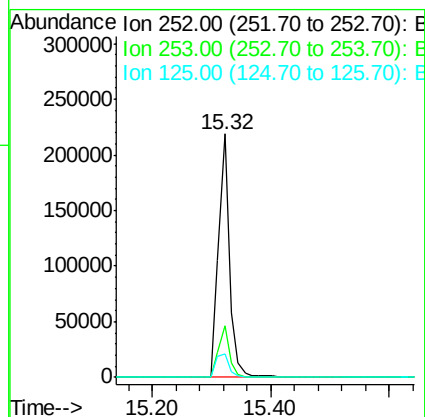
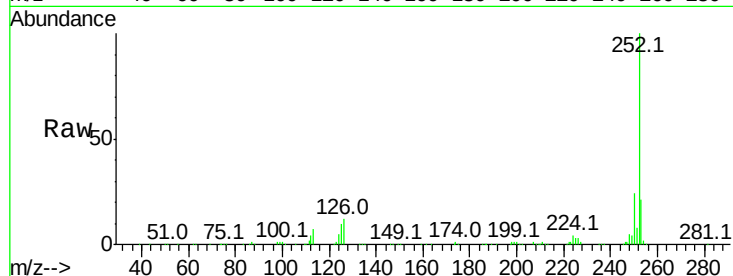
#89
Benzo(a)pyrene
Concen: 46.59 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(21.0-21.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	280310		
253	21.4	17.3	25.9	
125	9.7	7.0	10.4	

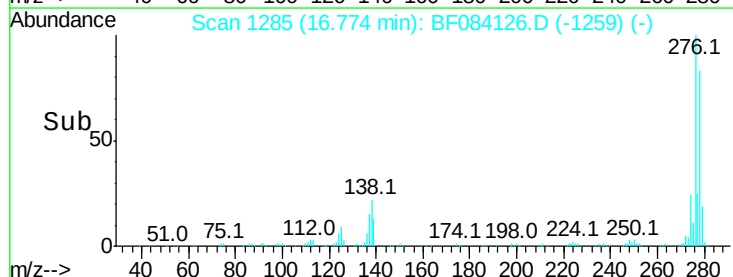
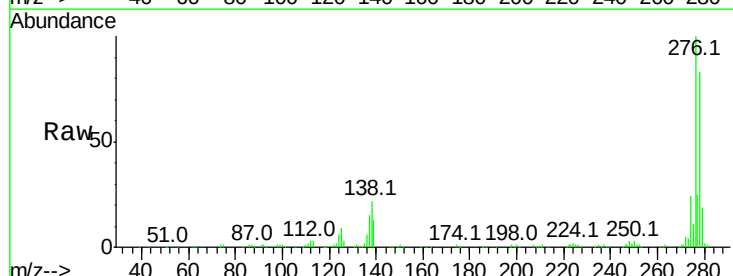
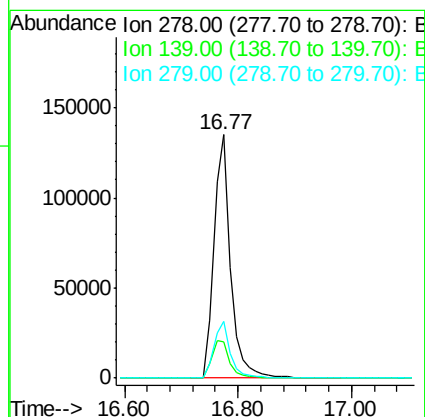
Manual Integrations
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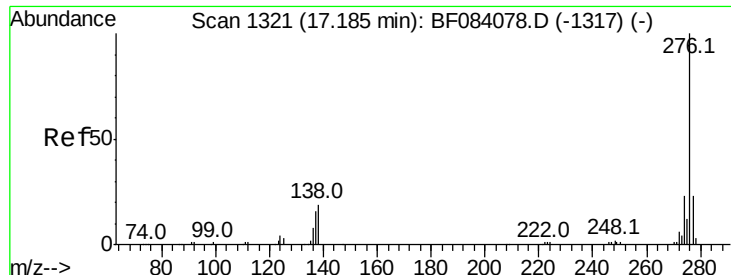
Sohil
12/28/2015 1:10:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.55 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF084126.D
Acq: 25 Dec 2015 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	267461		
139	15.1	15.0	22.4	
279	23.4	18.9	28.3	





#91
 Benzo(a,h,i)perylene
 Concen: 45.24 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF084126.D
 Acq: 25 Dec 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(21.0-21.5)MSD

Tot Ion:	276	Resp:	271117
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.8	28.2
138	21.2	17.8	26.6

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:10:27 PM

