

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090644.D
 Acq On : 19 Oct 2016 13:41
 Operator : UM/SJ
 Sample : PB94156BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Manual Integrations
 APPROVED

Sohil
 10/20/2016 10:36:44 AM

Quant Time: Oct 19 15:20:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	252773	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1096791	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	594216	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	999595	20.00	ng	0.00
75) Chrysene-d12	14.06	240	877431	20.00	ng	0.00
86) Perylene-d12	15.52	264	619213	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1494390	108.38	ng	0.01
7) Phenol-d6	6.53	99	2083368	101.69	ng	0.00
23) Nitrobenzene-d5	7.46	82	1360642	68.91	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	537544	101.47	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2189526	60.71	ng	-0.01
78) Terphenyl-d14	13.01	244	2408209	63.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	230733	29.36	ng	95
3) Pyridine	3.32	79	663605m	37.68	ng	
4) n-Nitrosodimethylamine	3.26	42	241073	39.70	ng	84
6) Aniline	6.55	93	663247	26.79	ng	96
8) 2-Chlorophenol	6.68	128	666738	37.29	ng	86
9) Benzaldehyde	6.43	77	155142	11.91	ng	91
10) Phenol	6.54	94	737497	31.47	ng	88
11) bis(2-Chloroethyl)ether	6.62	93	652761	33.76	ng	95
12) 1,3-Dichlorobenzene	6.83	146	623673	34.98	ng	99
13) 1,4-Dichlorobenzene	6.91	146	649763	33.51	ng	99
14) 1,2-Dichlorobenzene	7.06	146	591797	32.64	ng	97
15) Benzyl Alcohol	7.03	79	555651	39.82	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	964335	35.44	ng	89
17) 2-Methylphenol	7.15	107	497556	35.71	ng	99
18) Hexachloroethane	7.40	117	246708	32.19	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	506076	36.03	ng	# 93
20) 3+4-Methylphenols	7.31	107	659494	39.04	ng	# 72
22) Acetophenone	7.30	105	856761	35.36	ng	# 94
24) Nitrobenzene	7.48	77	700100	34.55	ng	# 83
25) Isophorone	7.72	82	1364669	37.98	ng	# 94
26) 2-Nitrophenol	7.79	139	313951	34.15	ng	97
27) 2,4-Dimethylphenol	7.83	122	591064	38.75	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	766828	36.14	ng	99
29) 2,4-Dichlorophenol	8.04	162	506110	37.88	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	535887	34.24	ng	99
31) Naphthalene	8.20	128	1773540	31.74	ng	99
32) Benzoic acid	7.98	122	322161	34.38	ng	92
33) 4-Chloroaniline	8.25	127	345676	16.19	ng	97
34) Hexachlorobutadiene	8.31	225	264220	30.22	ng	99
35) Caprolactam	8.63	113	153924m	41.28	ng	
36) 4-Chloro-3-methylphenol	8.74	107	508585	32.99	ng	88
37) 2-Methylnaphthalene	8.89	142	1054895	32.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	491924	31.22	ng	99
40) Hexachlorocyclopentadiene	9.05	237	601501	78.15	ng	99

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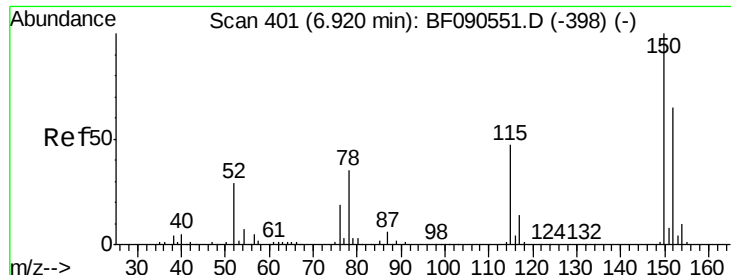
Manual Integrations
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 10/20/2016 10:36:44 AM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	346917	39.04	nq	97
43) 2,4,5-Trichlorophenol	9.22	196	350082	33.02	nq	# 87
45) 1,1'-Biphenyl	9.35	154	1282983	28.37	nq	100
46) 2-Chloronaphthalene	9.38	162	1010802	29.98	nq	100
47) 2-Nitroaniline	9.48	65	345707	28.28	nq	93
48) Acenaphthylene	9.80	152	1706773	31.79	nq	99
49) Dimethylphthalate	9.66	163	1278925	33.17	nq	# 99
50) 2,6-Dinitrotoluene	9.72	165	272427	32.29	nq	91
51) Acenaphthene	9.97	154	1154466	32.35	nq	100
52) 3-Nitroaniline	9.89	138	203210	19.20	nq	95
53) 2,4-Dinitrophenol	9.99	184	243829	55.14	nq	# 74
54) Dibenzofuran	10.14	168	1507142	32.11	nq	98
55) 4-Nitrophenol	10.06	139	403116	63.28	nq	86
56) 2,4-Dinitrotoluene	10.12	165	370229	32.31	nq	# 89
57) Fluorene	10.49	166	1205360	31.13	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	295187	33.43	nq	96
59) Diethylphthalate	10.36	149	1241960	31.76	nq	96
60) 4-Chlorophenyl-phenylether	10.47	204	561534	30.76	nq	95
61) 4-Nitroaniline	10.51	138	273516	25.77	nq	94
62) Azobenzene	10.63	77	1288227	28.48	nq	99
64) 4,6-Dinitro-2-methylphenol	10.53	198	176028	29.10	nq	73
65) n-Nitrosodiphenylamine	10.60	169	1051221	31.84	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	347957	32.44	nq	# 92
67) Hexachlorobenzene	11.03	284	406537	34.91	nq	# 74
68) Atrazine	11.13	200	302897	33.17	nq	99
69) Pentachlorophenol	11.23	266	425582	73.74	nq	97
70) Phenanthrene	11.45	178	1596084	29.91	nq	99
71) Anthracene	11.50	178	1873264	32.62	nq	100
72) Carbazole	11.65	167	1443472	28.08	nq	99
73) Di-n-butylphthalate	11.98	149	1850489	30.73	nq	# 98
74) Fluoranthene	12.64	202	1714520	31.95	nq	96
76) Benzidine	12.76	184	181816m	8.33	nq	
77) Pyrene	12.86	202	1709087	29.41	nq	99
79) Butylbenzylphthalate	13.48	149	840726	32.65	nq	94
80) Benzo(a)anthracene	14.05	228	1694153	33.92	nq	100
81) 3,3'-Dichlorobenzidine	14.02	252	441255	25.86	nq	# 98
82) Chrysene	14.10	228	1721163	35.76	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1342458	38.65	nq	# 97
84) Di-n-octyl phthalate	14.66	149	2246924	48.24	nq	96
85) Indeno(1,2,3-cd)pyrene	16.96	276	1050567	37.75	nq	98
87) Benzo(b)fluoranthene	15.09	252	1616475m	39.89	nq	
88) Benzo(k)fluoranthene	15.13	252	1108727m	25.43	nq	
89) Benzo(a)pyrene	15.46	252	1203600	32.45	nq	98
90) Dibenzo(a,h)anthracene	16.97	278	894692	31.63	nq	97
91) Benzo(g,h,i)perylene	17.39	276	831724	30.83	nq	99

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



#1

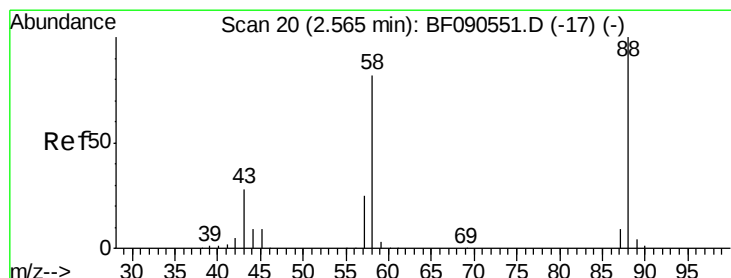
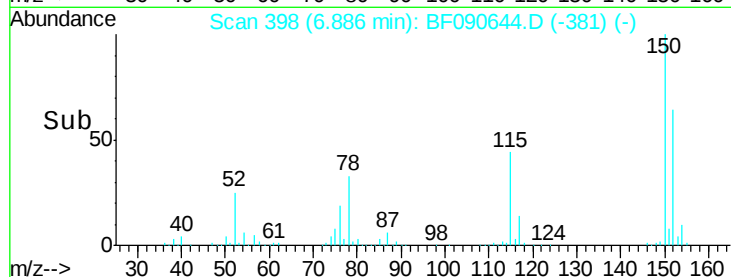
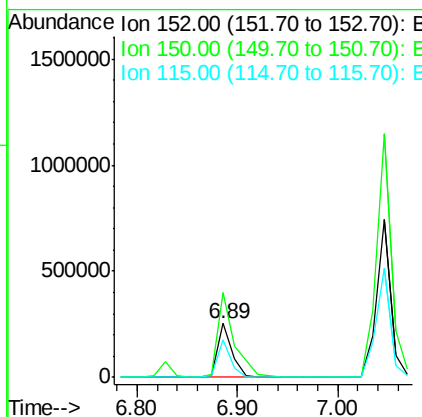
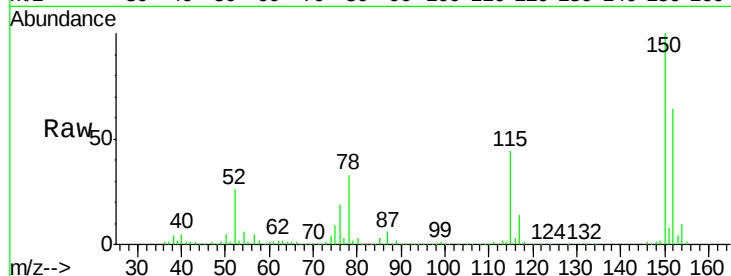
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.2	190.8
115	69.3	58.6	88.0

Manual Integrations
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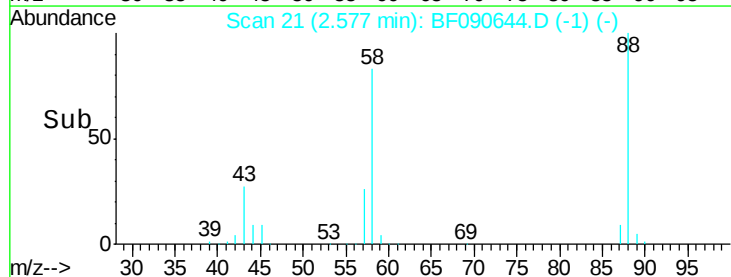
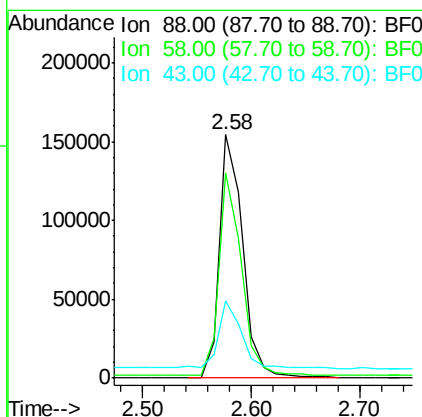
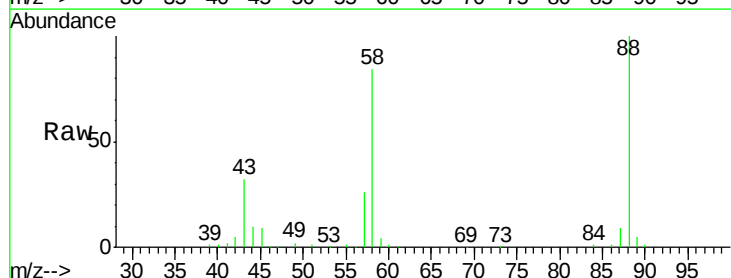
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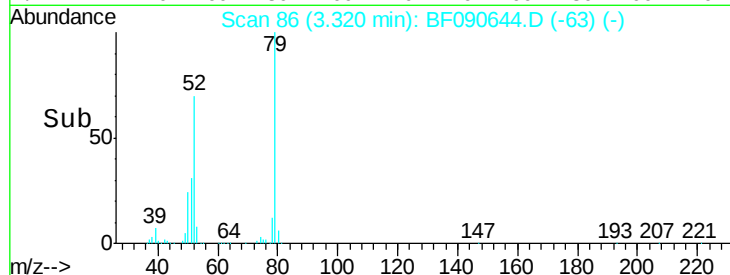
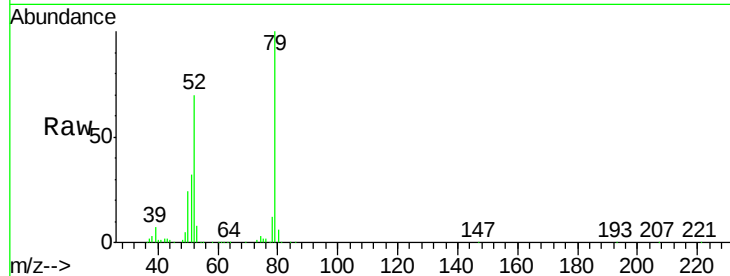
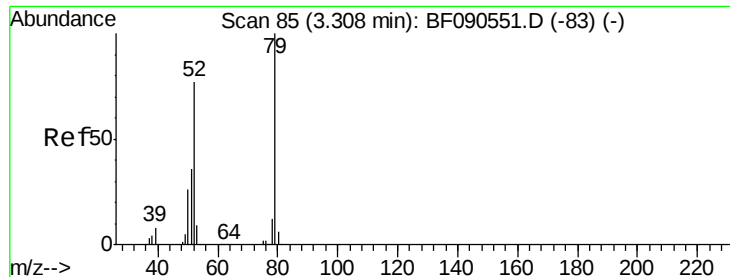


#2

1,4-Dioxane
Concen: 29.36 ng
RT: 2.58 min Scan# 21
Delta R.T. 0.06 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.5	67.2	100.8
43	33.2	24.1	36.1





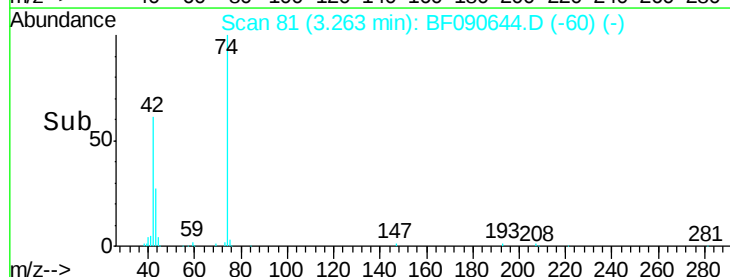
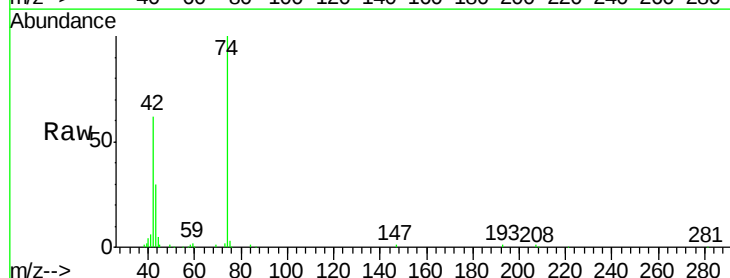
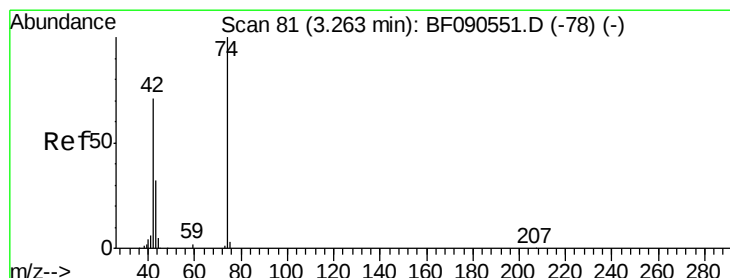
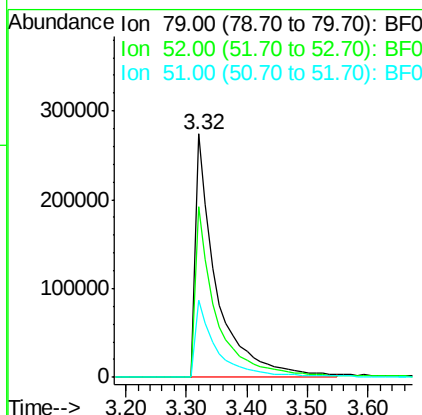
#3
 Pvridine
 Concen: 37.68 ng/ml
 RT: 3.32 min Scan# 86
 Delta R.T. 0.07 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tot Ion:	79	Resp:	663605
Ion Ratio	Lower	Upper	
79	100		
52	70.2	61.8	92.8
51	31.7	29.2	43.8

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

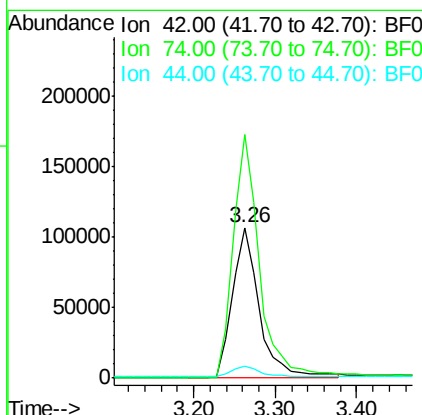
Manual Integrations
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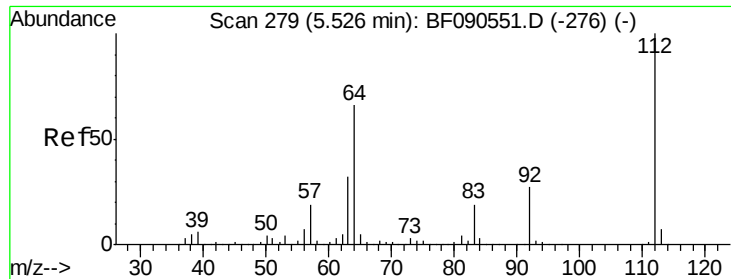
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#4
 n-Nitrosodimethylamine
 Concen: 39.70 ng/ml
 RT: 3.26 min Scan# 81
 Delta R.T. 0.05 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion:	42	Resp:	241073
Ion Ratio	Lower	Upper	
42	100		
74	161.7	113.3	169.9
44	7.8	6.0	9.0





#5

2-Fluorophenol

Concen: 108.38 ng

RT: 5.50 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:112 Resp: 1494390

Ion Ratio Lower Upper

112 100

64 65.9 52.6 78.8

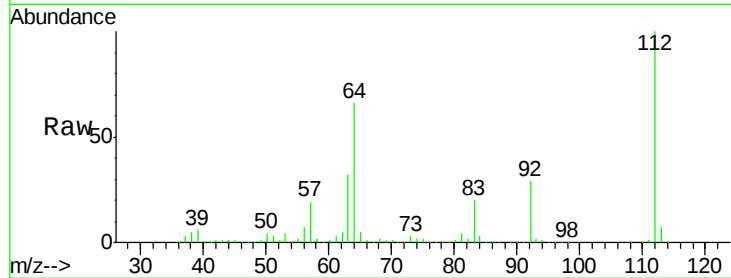
63 32.2 26.0 39.0

Manual Integrations

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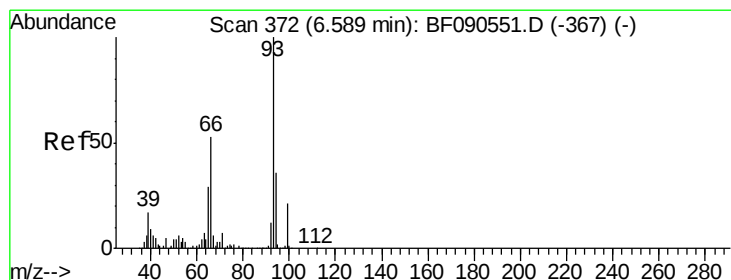
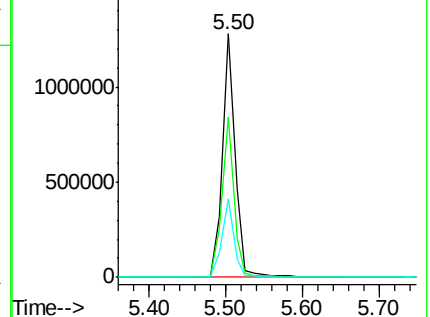
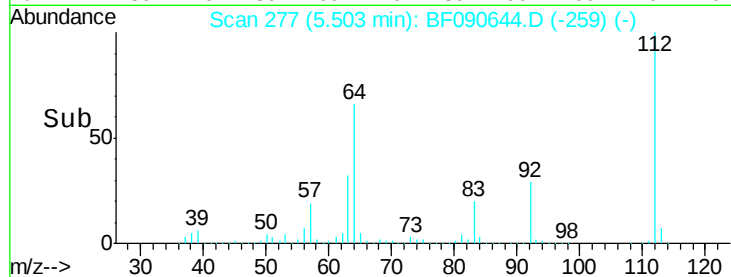
10/20/2016 10:36:44 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.79 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

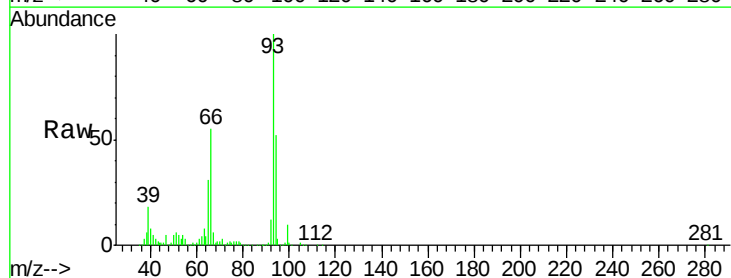
Tgt Ion: 93 Resp: 663247

Ion Ratio Lower Upper

93 100

66 54.7 42.2 63.2

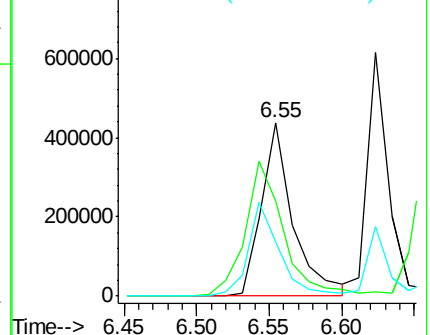
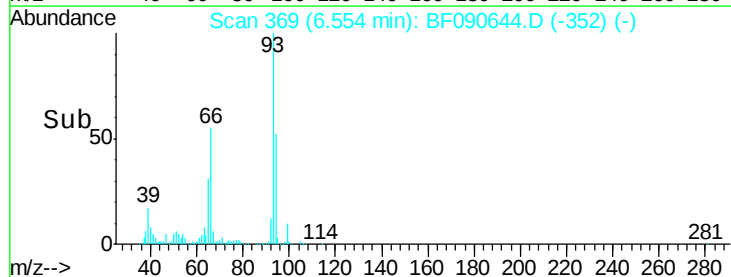
65 31.1 22.9 34.3

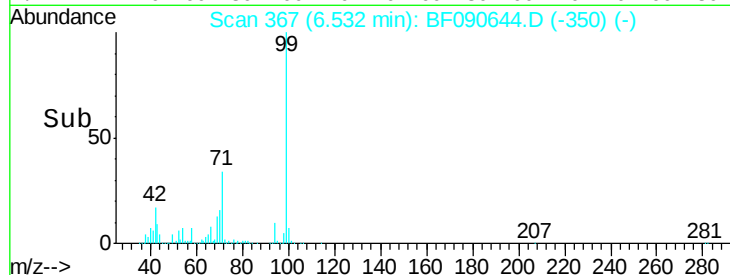
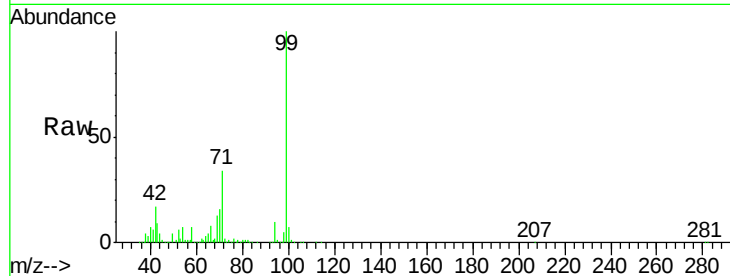
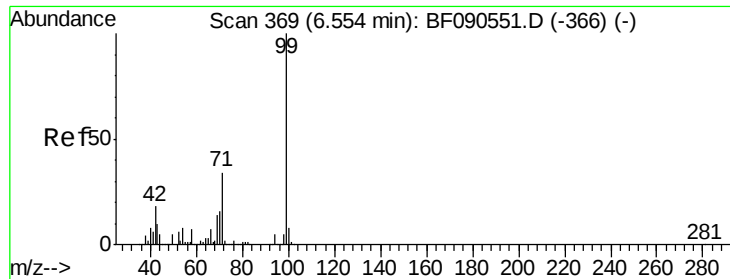


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.69 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Tot Ion: 99 Resp: 2083368

Ion Ratio Lower Upper

99 100

42 16.8 14.7 22.1

71 33.8 27.6 41.4

Instrument :

BNA_F

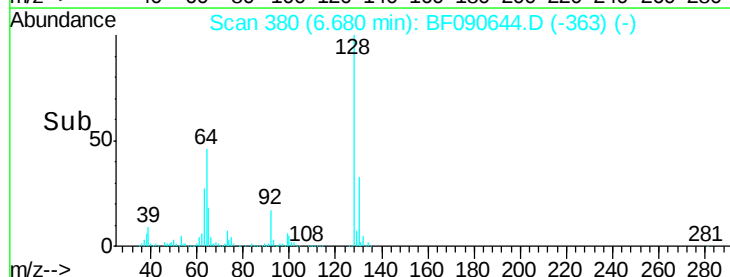
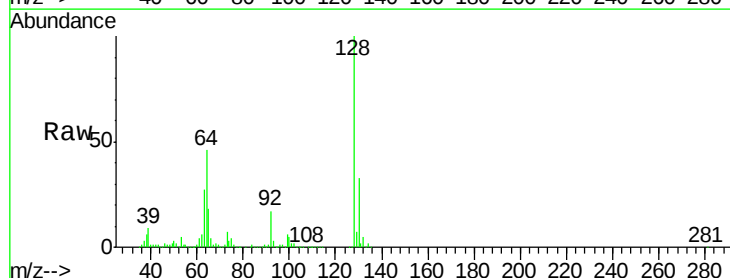
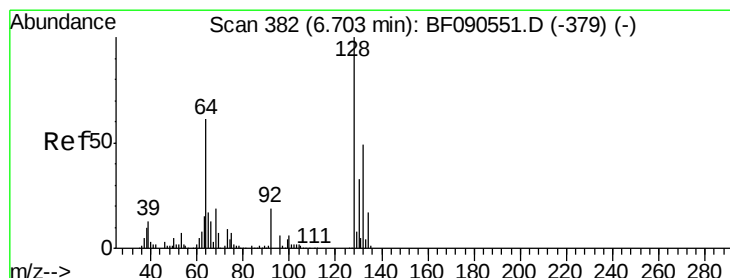
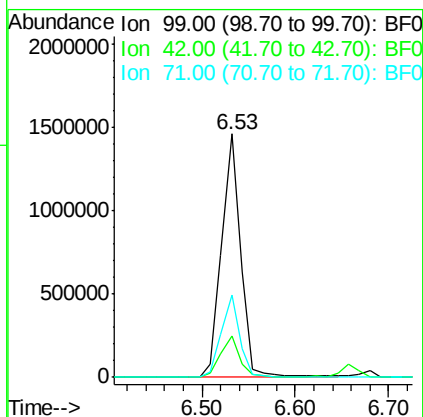
ClientSampleId :

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#8

2-Chlorophenol

Concen: 37.29 ng

RT: 6.68 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

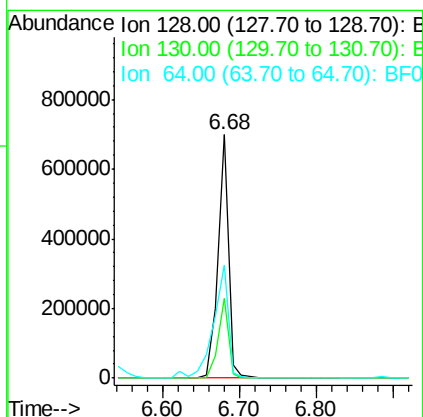
Tgt Ion: 128 Resp: 666738

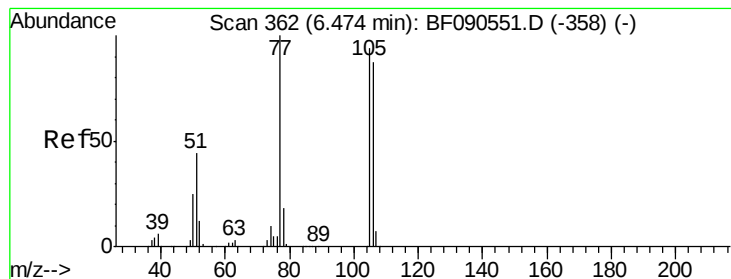
Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

64 46.4 42.6 82.6





#9

Benzaldehyde

Concen: 11.91 ng

RT: 6.43 min Scan# 358

Delta R.T. -0.01 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

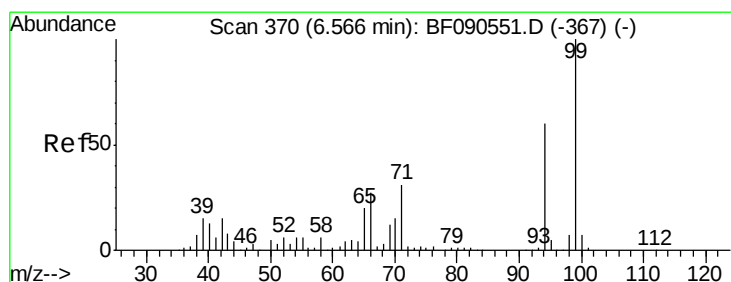
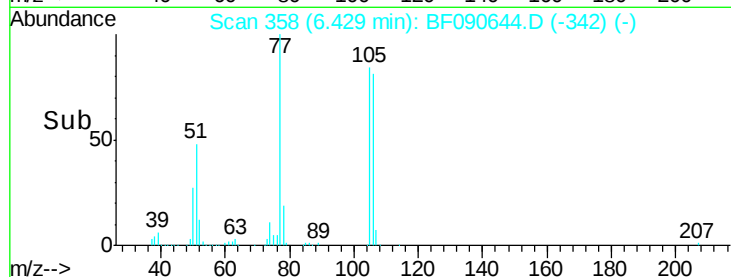
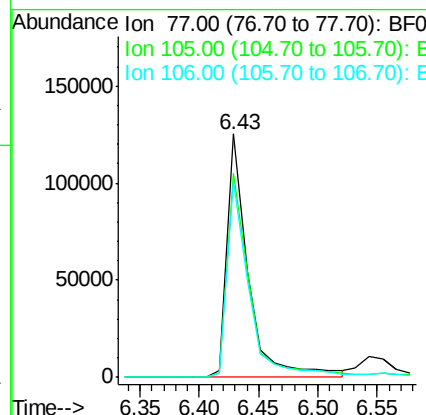
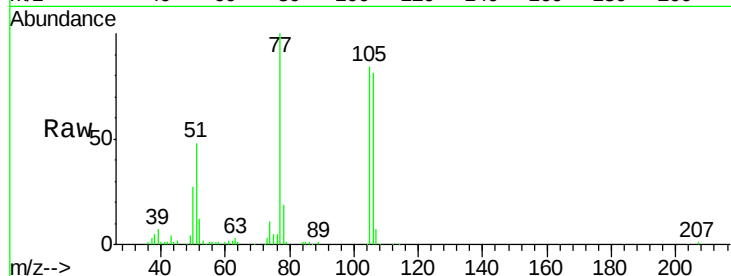
ClientSampleId :

PB94156BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	83.8	74.3	114.3
106	80.8	67.2	107.2

Manual Integrations
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10/20/2016 10:36:44 AM



#10

Phenol

Concen: 31.47 ng

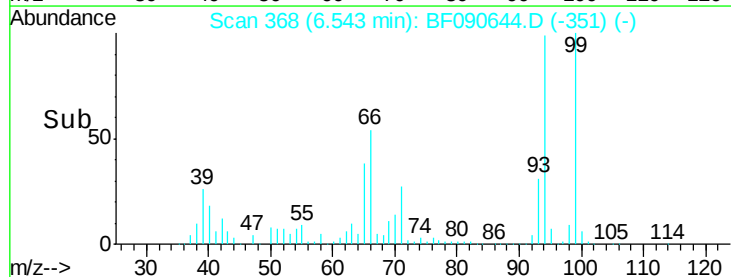
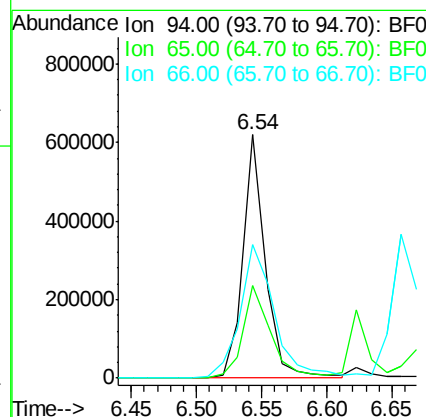
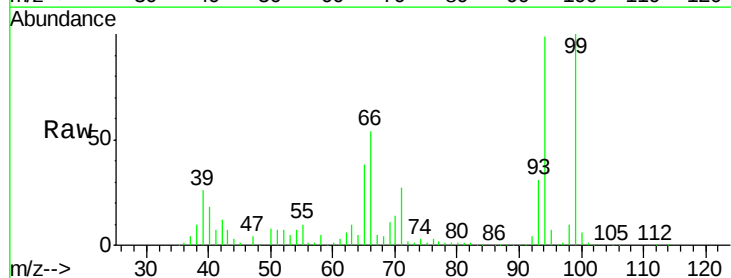
RT: 6.54 min Scan# 368

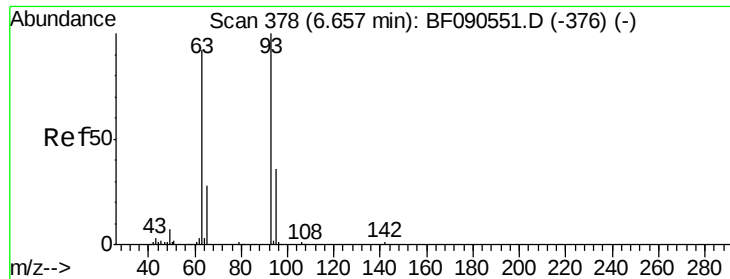
Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.1	12.5	52.5
66	54.9	25.5	65.5





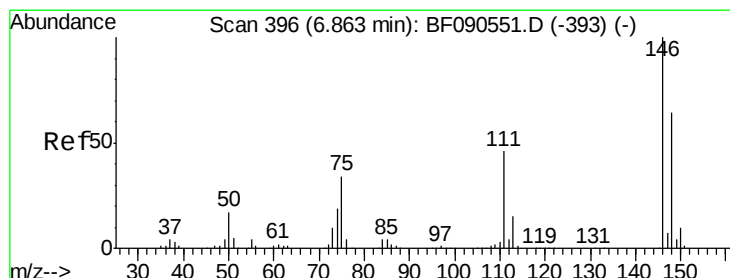
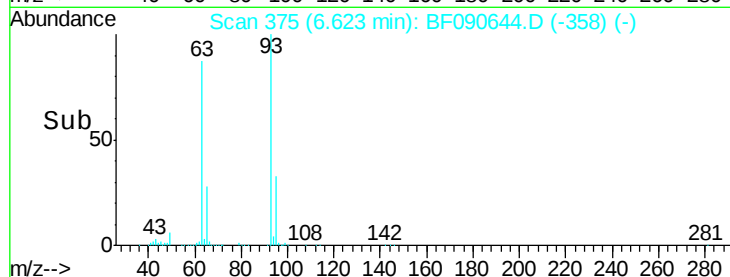
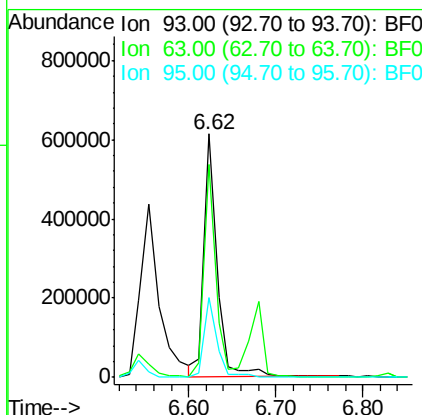
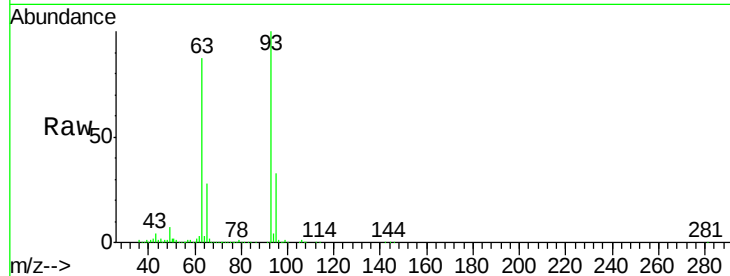
#11
bis(2-Chloroethyl)ether
Concen: 33.76 ng
RT: 6.62 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	93	Resp	652761
Ion	Ratio	Lower	Upper
93	100		
63	87.5	61.6	101.6
95	32.7	11.8	51.8

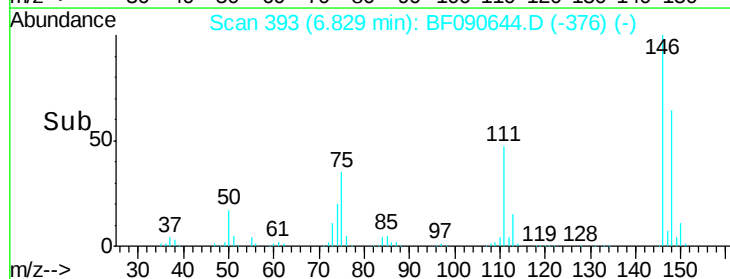
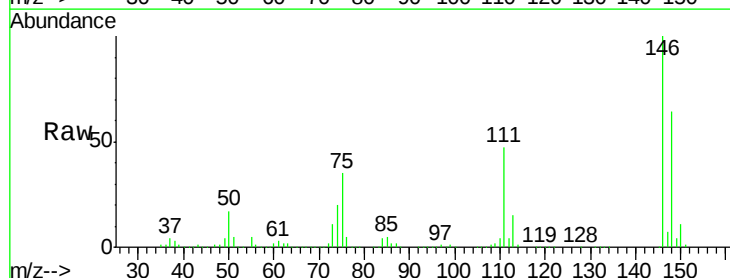
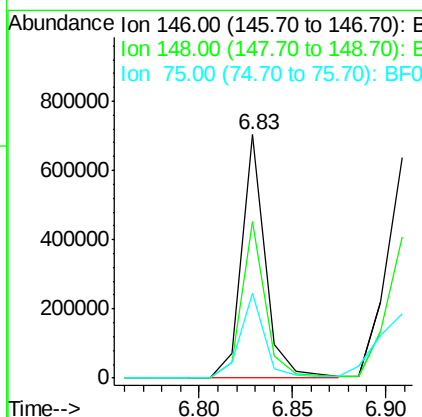
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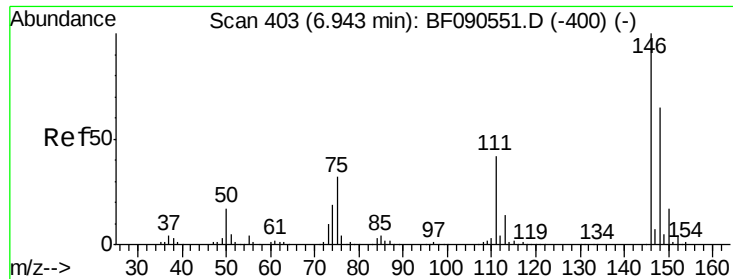
Sohil
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#12
1,3-Dichlorobenzene
Concen: 34.98 ng
RT: 6.83 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	146	Resp	623673
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
75	34.9	27.0	40.6





#13

1,4-Dichlorobenzene

Concen: 33.51 ng

RT: 6.91 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

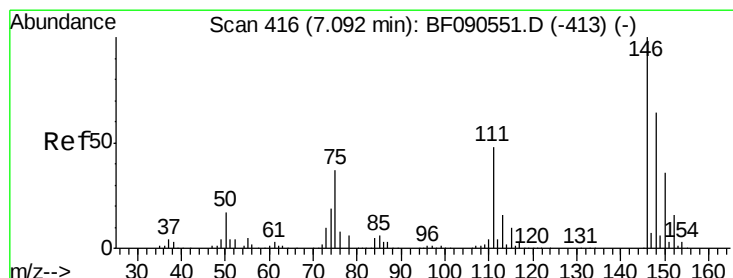
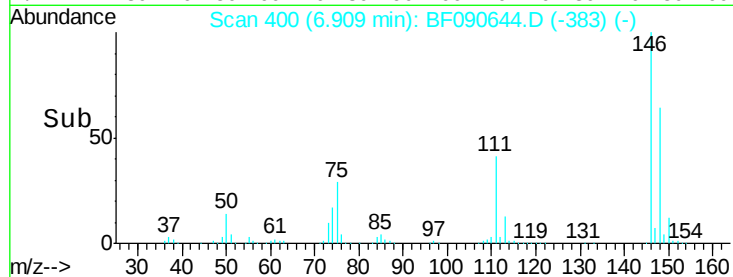
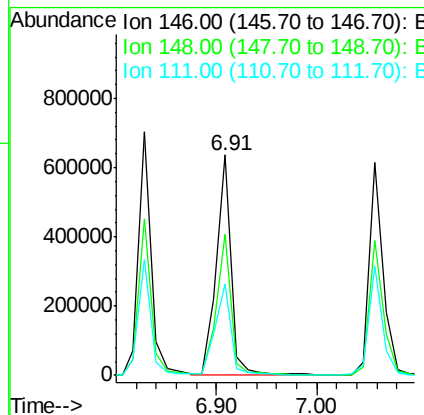
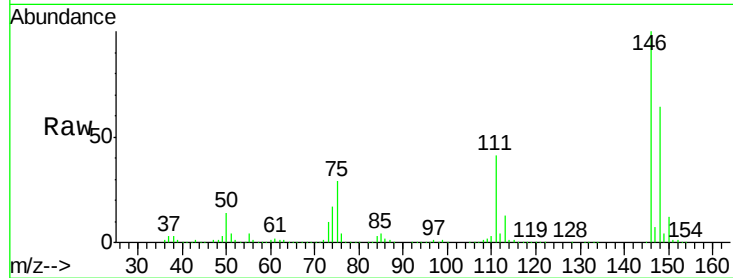
ClientSampled :

PB94156BS

Tot Ion:	146	Resp:	649763
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.9	77.9
111	41.4	33.7	50.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 32.64 ng

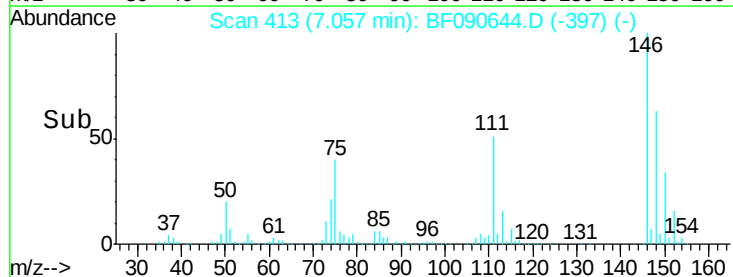
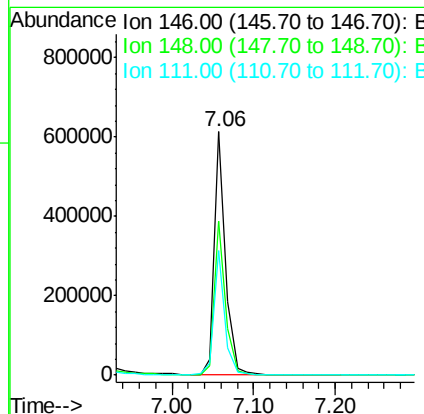
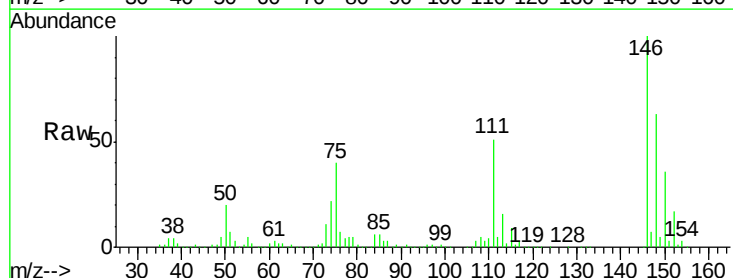
RT: 7.06 min Scan# 413

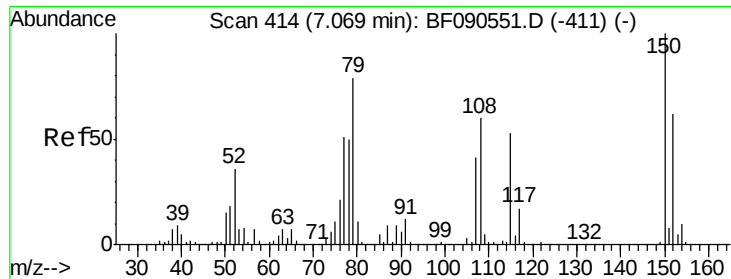
Delta R.T. -0.01 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Tgt Ion:	146	Resp:	591797
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.2	76.8
111	51.2	38.2	57.2





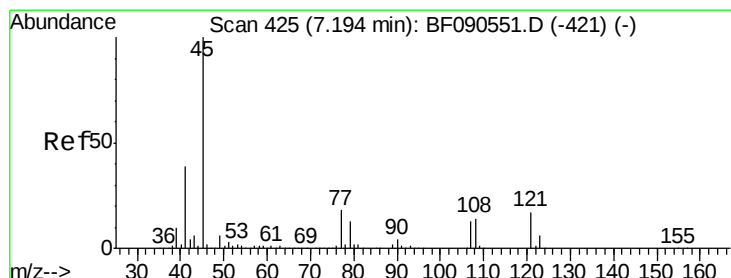
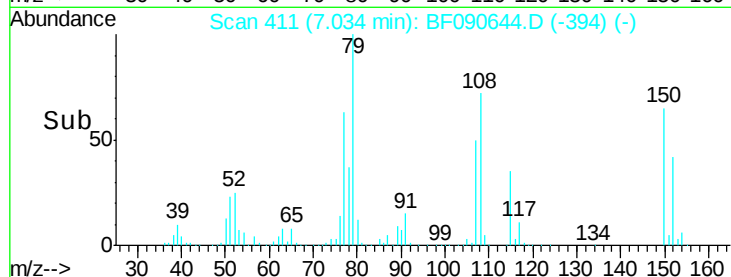
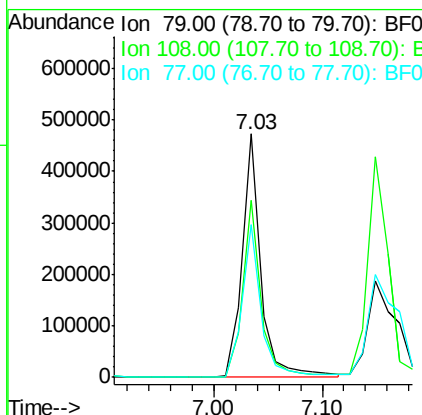
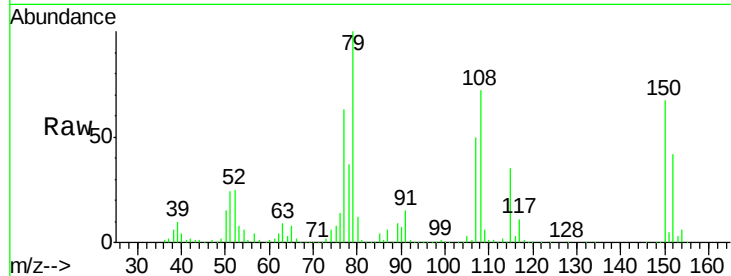
#15
Benzyl Alcohol
Concen: 39.82 ng
RT: 7.03 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampled :
PB94156BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.5	60.2	90.4
77	62.8	52.0	78.0

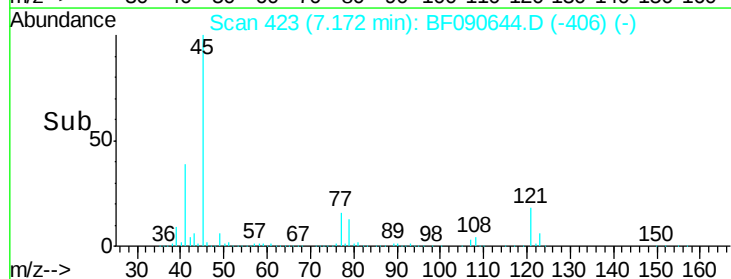
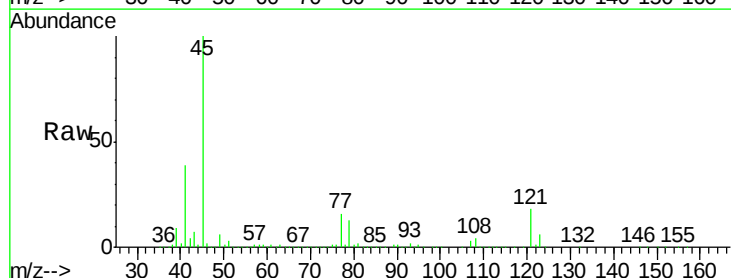
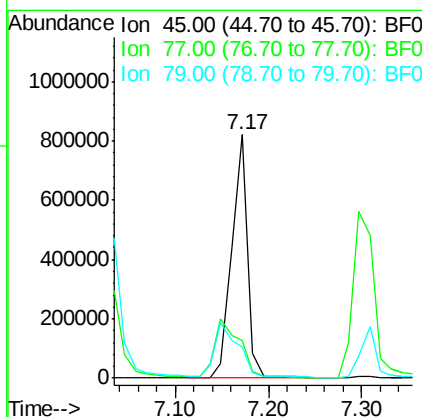
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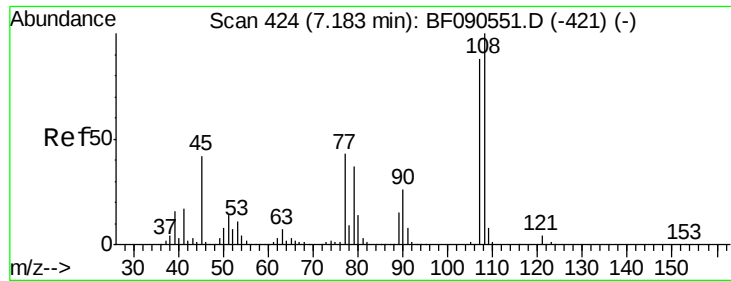
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.44 ng
RT: 7.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.9	40.9
79	12.8	0.0	37.3





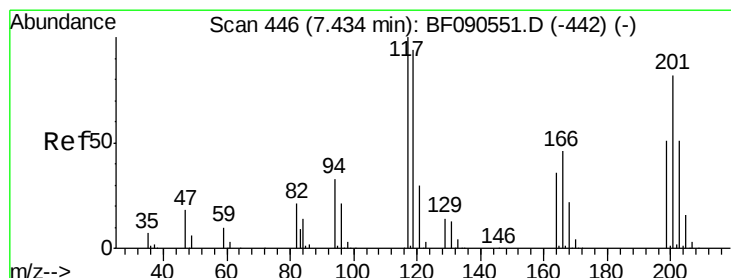
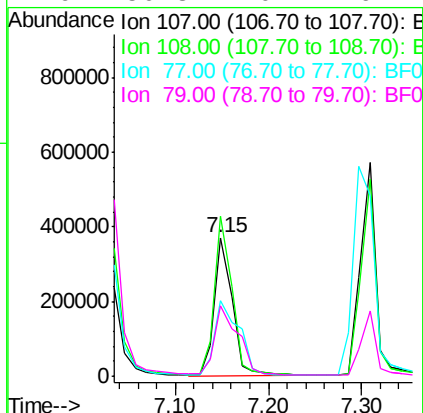
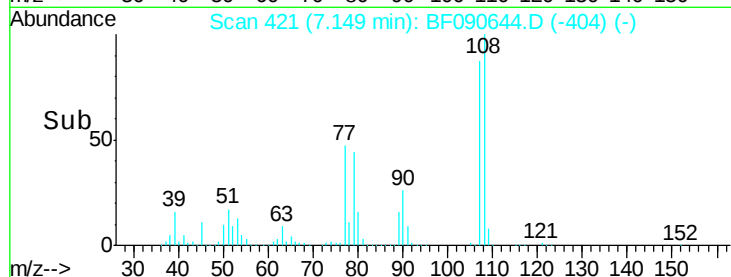
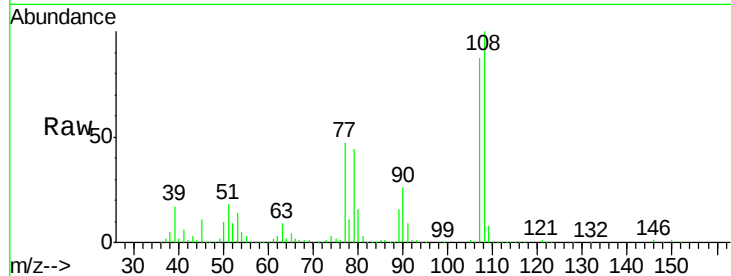
#17
2-Methylphenol
Concen: 35.71 ng
RT: 7.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	92.6	138.8	
77	54.1	42.2	63.2	
79	50.3	40.7	61.1	

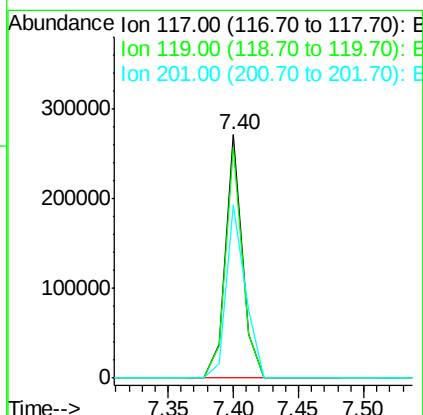
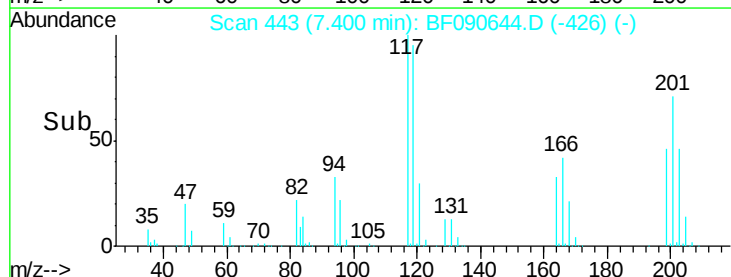
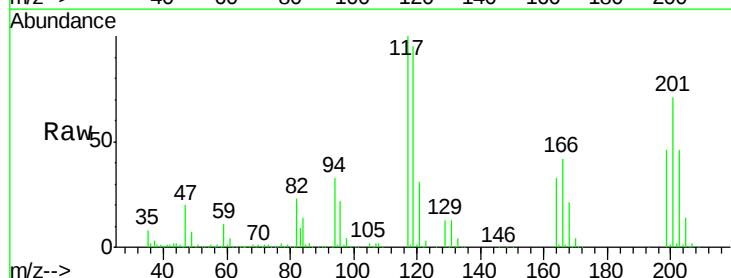
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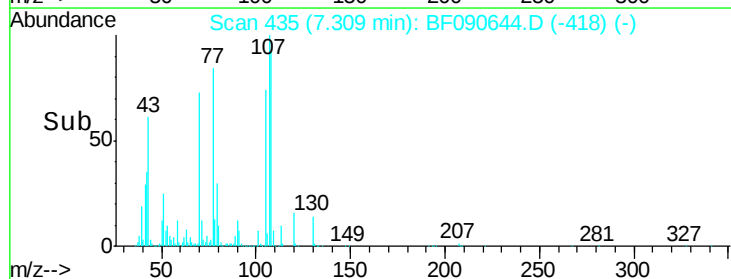
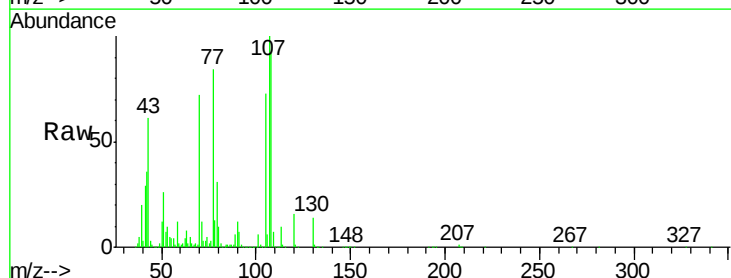
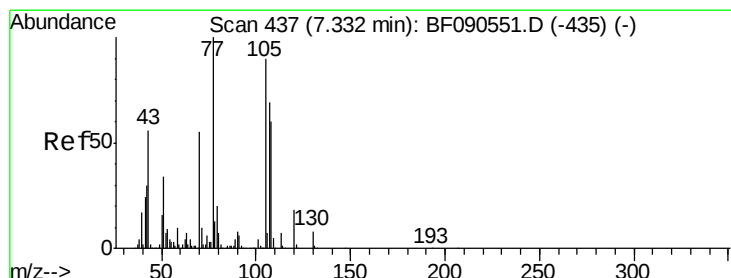
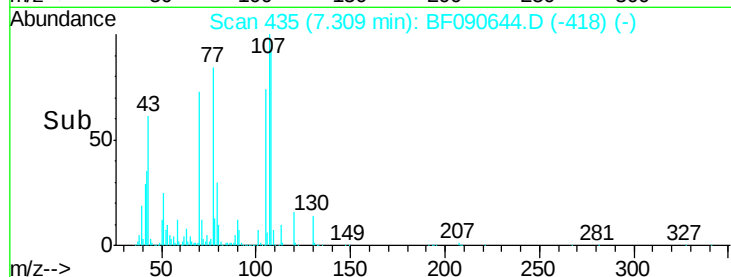
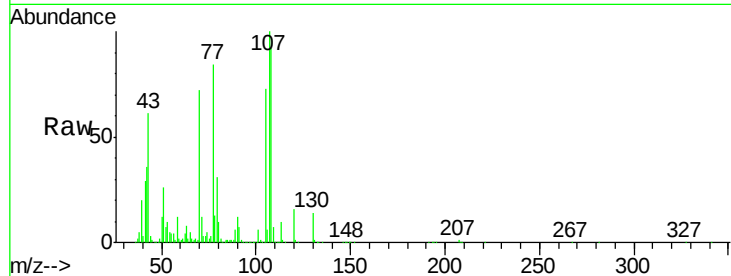
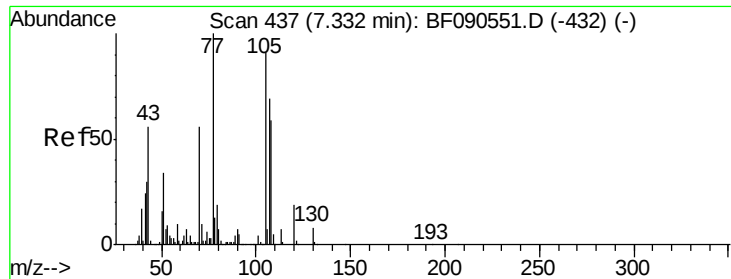
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#18
Hexachloroethane
Concen: 32.19 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	75.6	113.4	
201	71.1	65.4	98.0	





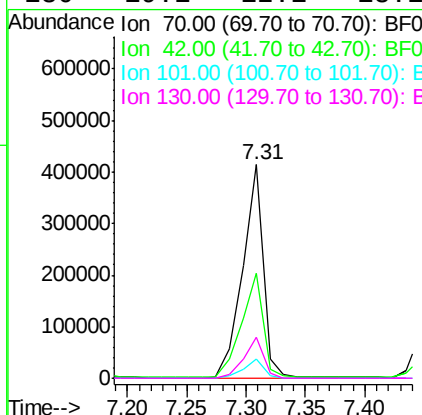
#19
n-Nitroso-di-n-propylamine
Concen: 36.03 ng
RT: 7.31 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.0	43.4	65.0
101	8.9	6.4	9.6
130	19.1	12.1	18.1#

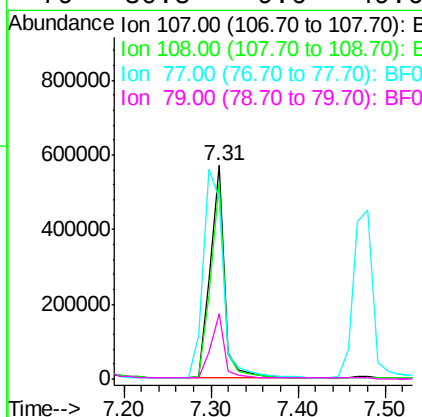
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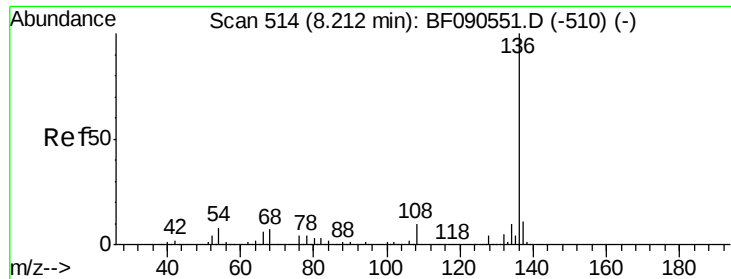
Sohil
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#20
3+4-Methylphenols
Concen: 39.04 ng
RT: 7.31 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	67.7	107.7
77	84.5	123.1	163.1#
79	30.8	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:136 Resp: 1096791

Ion Ratio Lower Upper

136 100

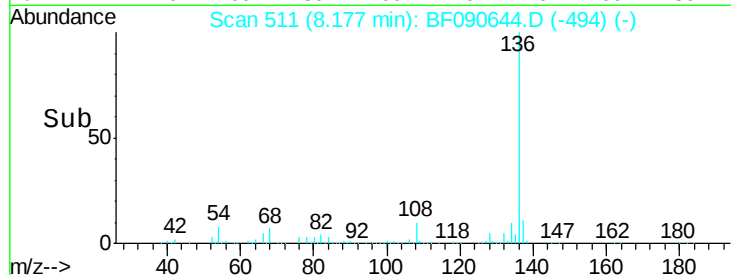
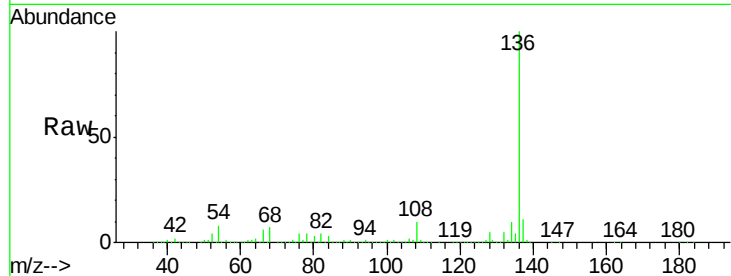
137 11.5 8.8 13.2

54 8.0 6.8 10.2

68 7.4 6.0 9.0

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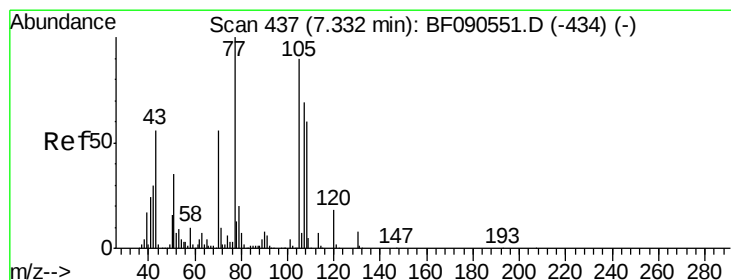
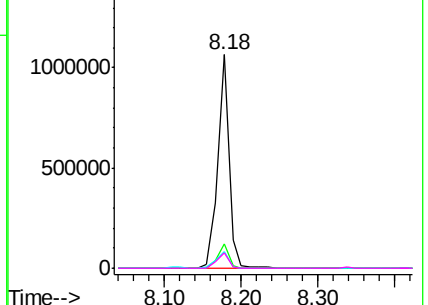


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.36 ng

RT: 7.30 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Tgt Ion:105 Resp: 856761

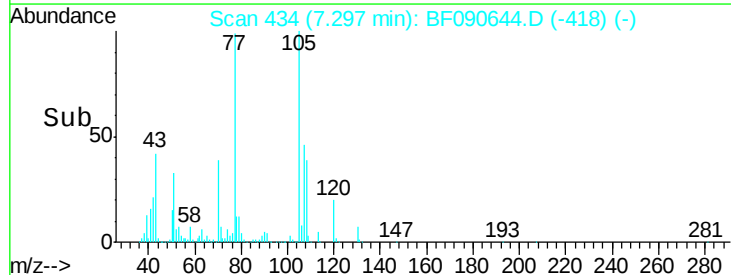
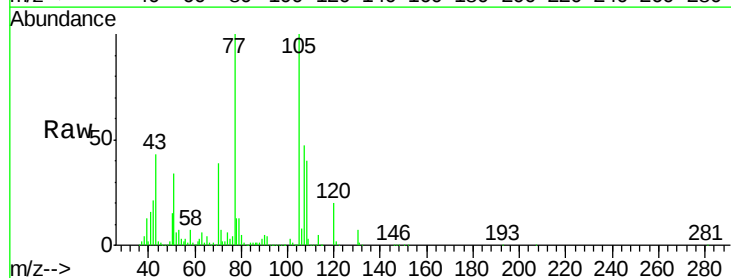
Ion Ratio Lower Upper

105 100

71 6.7 8.5 12.7#

51 33.6 31.0 46.4

120 20.3 16.2 24.4

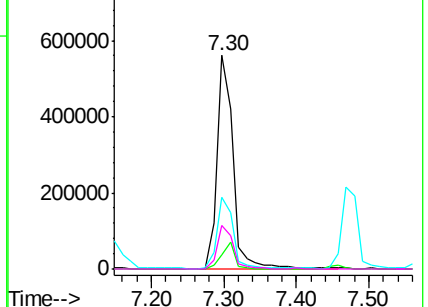


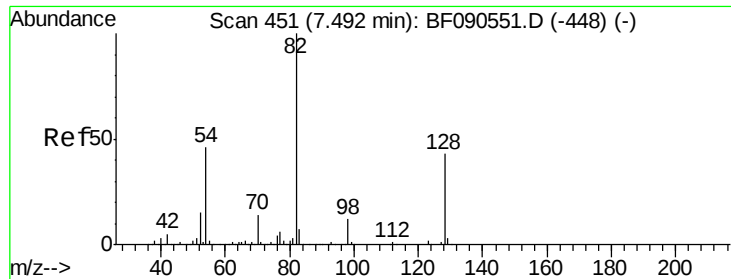
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





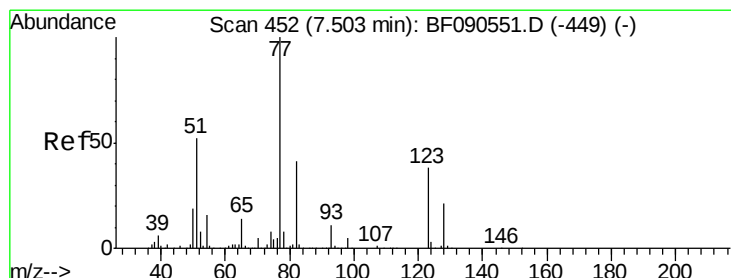
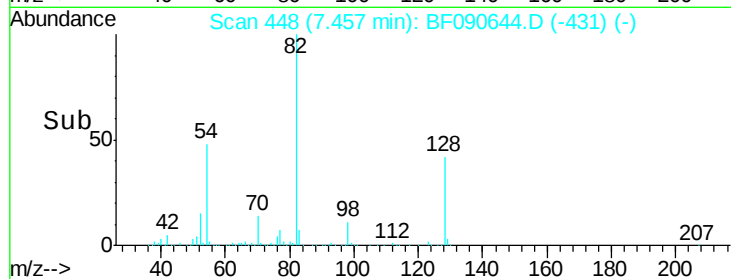
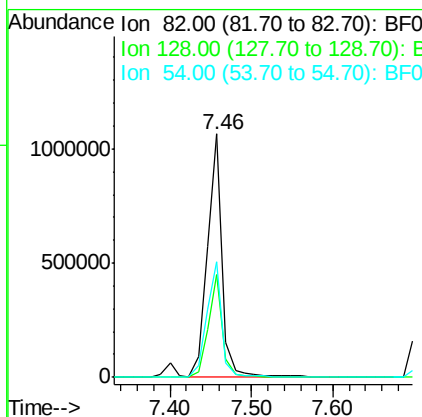
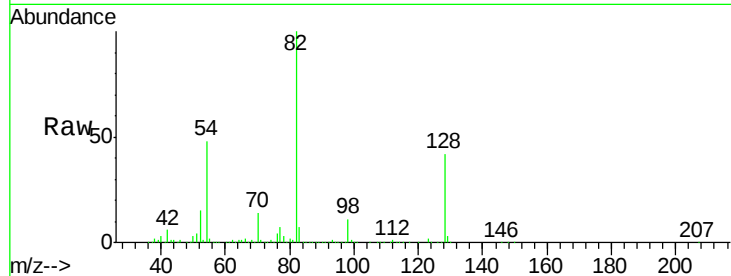
#23
 Nitrobenzene-d5
 Concen: 68.91 ng
 RT: 7.46 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampleID :
 PB94156BS

Tot Ion	82	Resp	1360642
Ion Ratio	100	Lower	Upper
82	100		
128	42.5	34.3	51.5
54	47.6	37.0	55.6

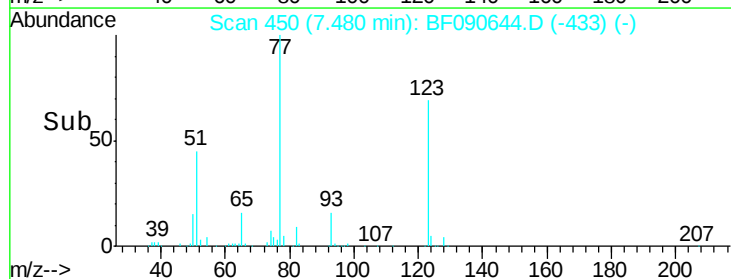
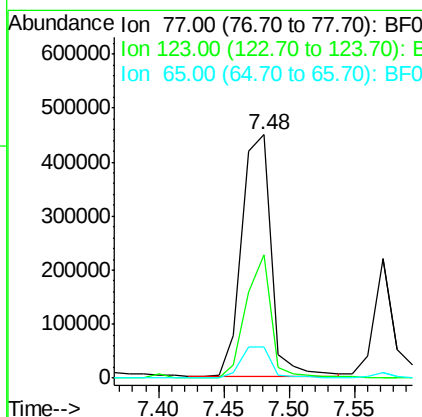
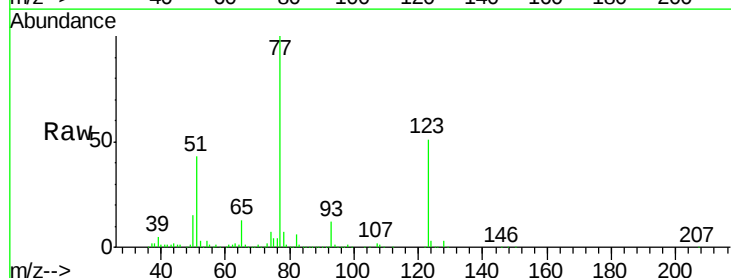
Manual Integrations
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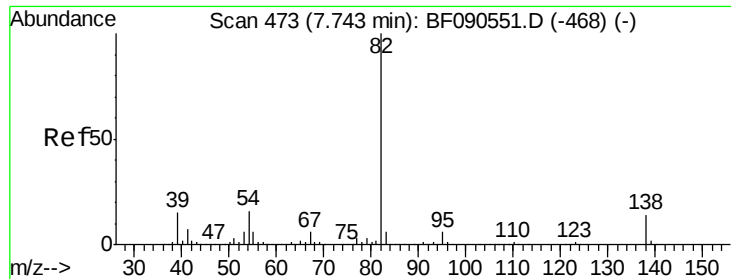
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#24
 Nitrobenzene
 Concen: 34.55 ng
 RT: 7.48 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion	77	Resp	700100
Ion Ratio	100	Lower	Upper
77	100		
123	50.8	29.8	44.6#
65	12.8	10.9	16.3





#25

Isophorone

Concen: 37.98 ng

RT: 7.72 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion: 82 Resp: 1364669

Ion Ratio Lower Upper

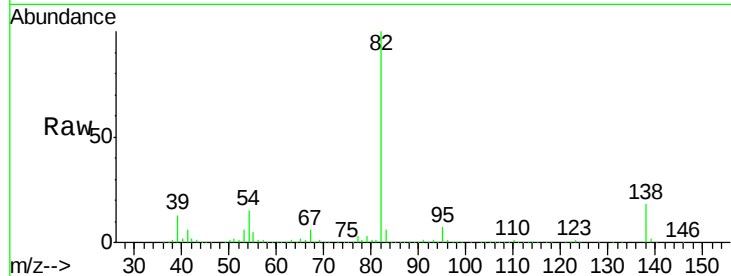
82 100

95 6.8 5.0 7.6

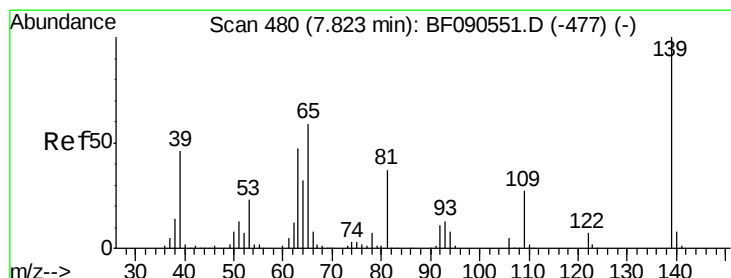
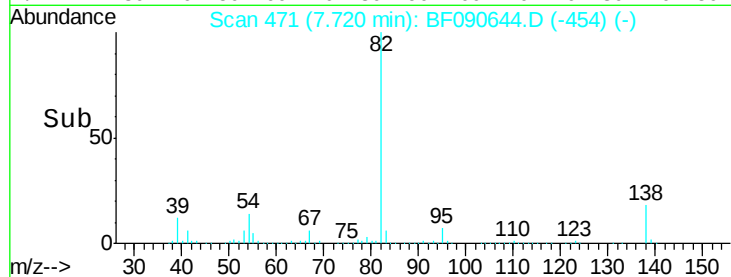
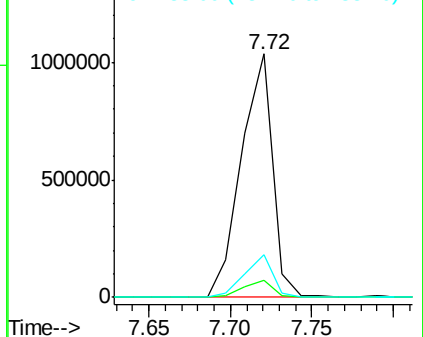
138 17.5 11.5 17.3#

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 34.15 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

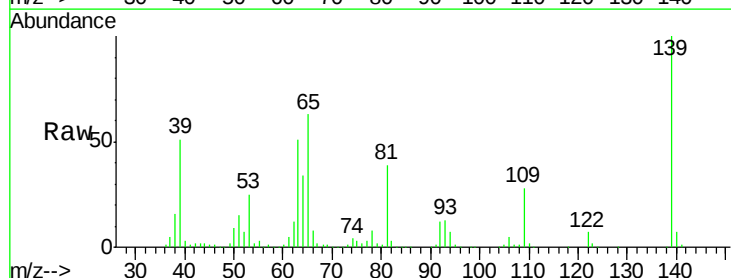
Tgt Ion: 139 Resp: 313951

Ion Ratio Lower Upper

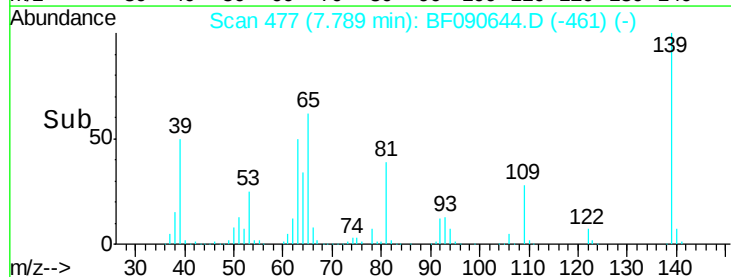
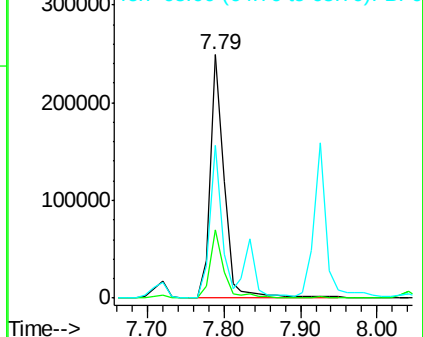
139 100

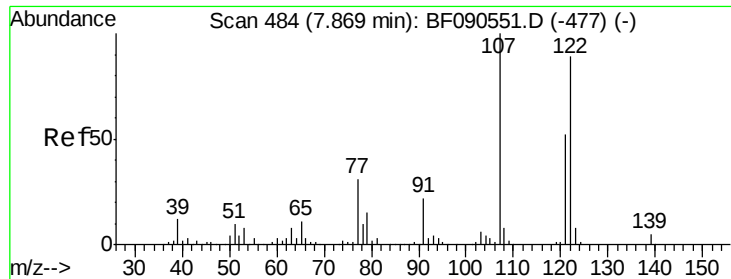
109 27.8 21.8 32.6

65 62.9 47.7 71.5



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





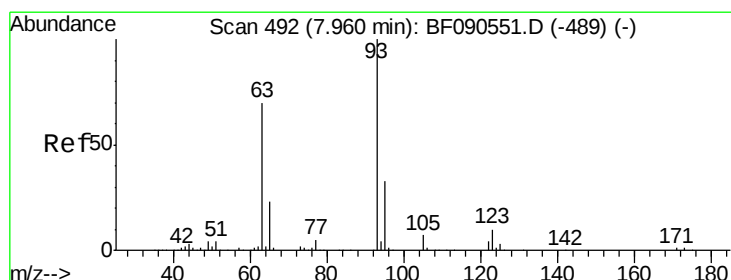
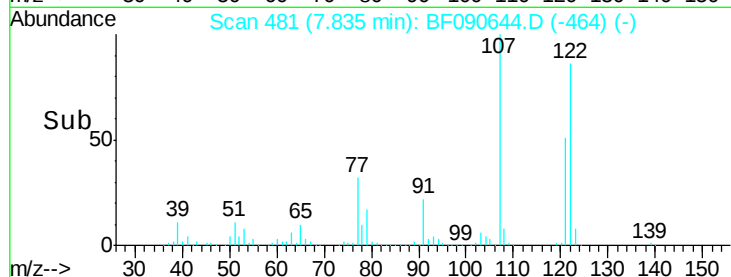
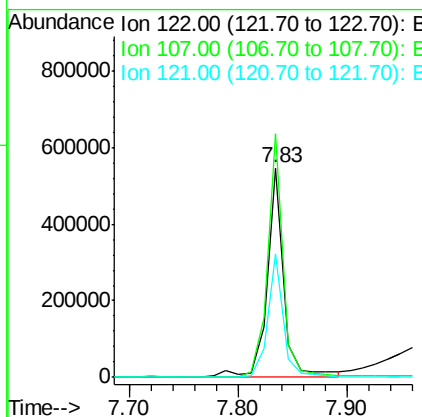
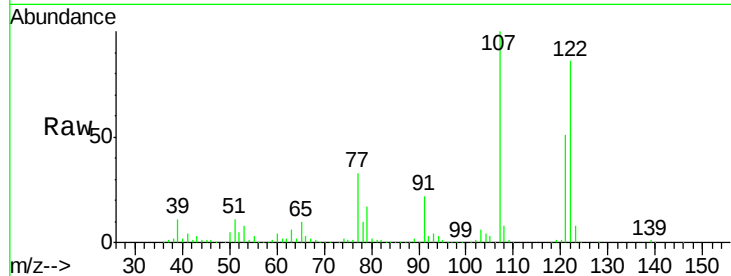
#27
2,4-Dimethylphenol
Concen: 38.75 ng
RT: 7.83 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	591064		
107	116.1	89.8	134.6	
121	58.8	46.1	69.1	

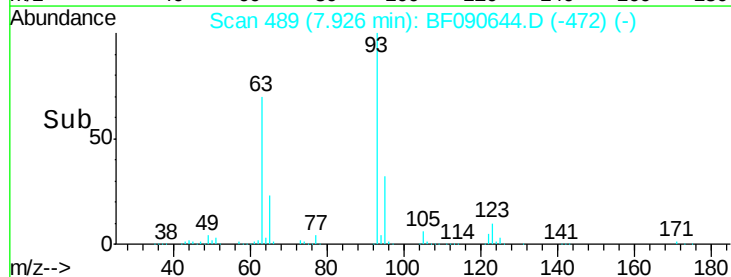
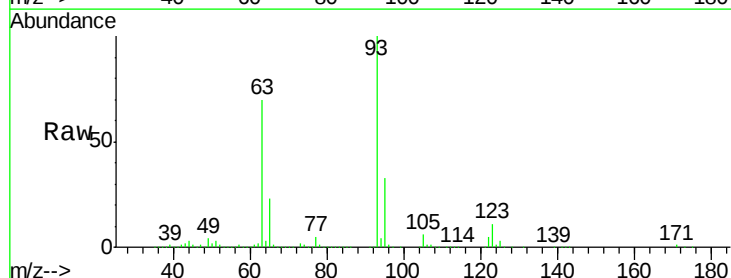
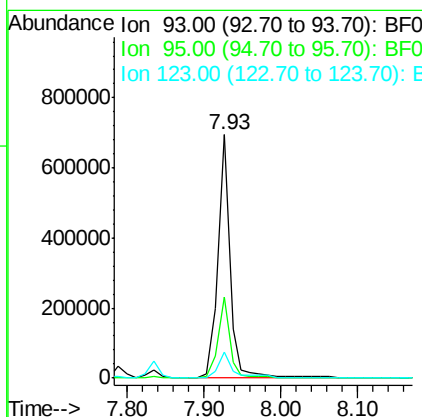
Manual Integrations
APPROVED

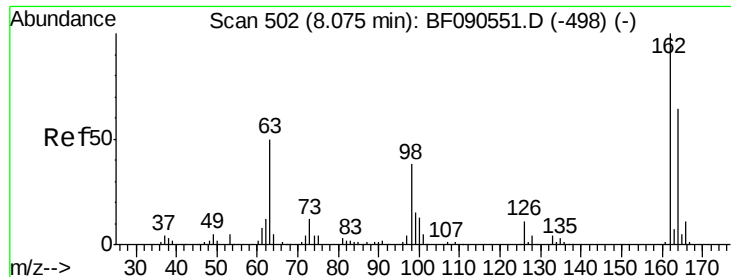
Sohil
10/20/2016 10:36:44 AM



#28
bis(2-Chloroethoxy)methane
Concen: 36.14 ng
RT: 7.93 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	766828		
95	33.3	26.2	39.2	
123	10.7	8.6	13.0	





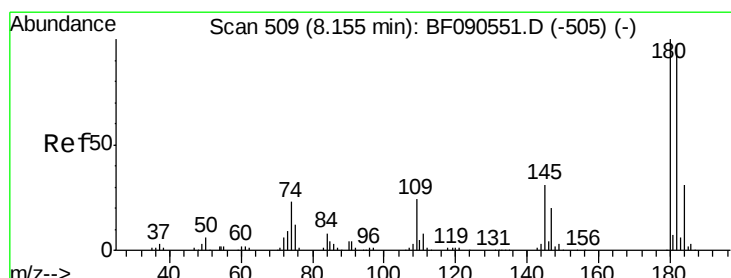
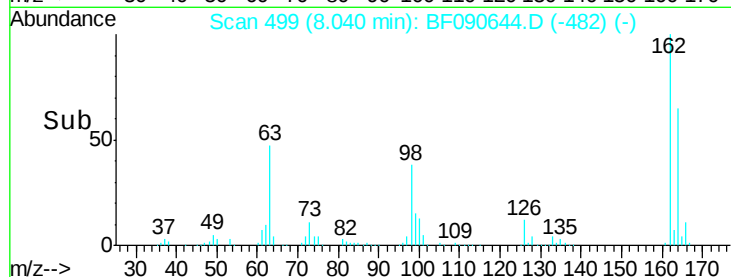
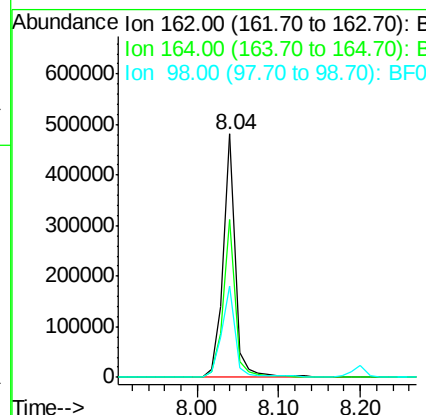
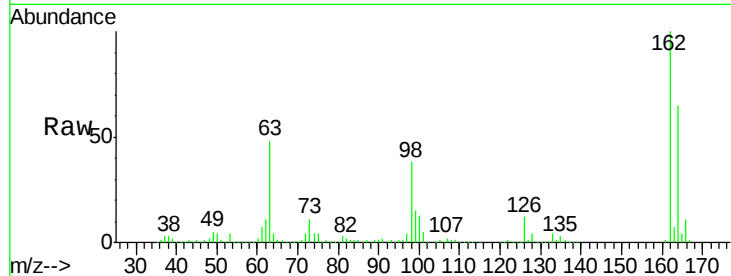
#29
2,4-Dichlorophenol
Concen: 37.88 ng
RT: 8.04 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	506110		
164	65.0	44.0	84.0	
98	37.6	18.0	58.0	

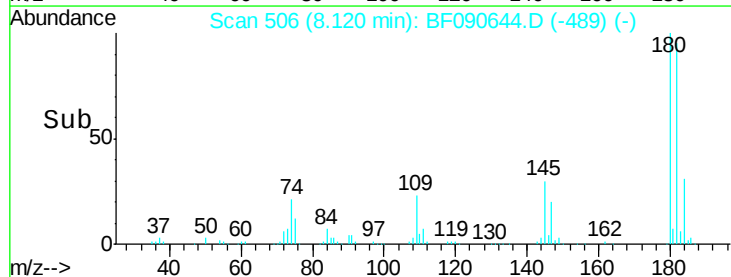
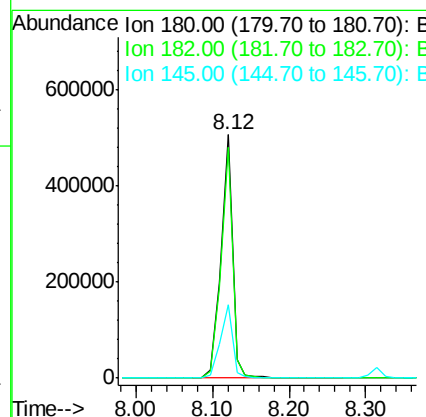
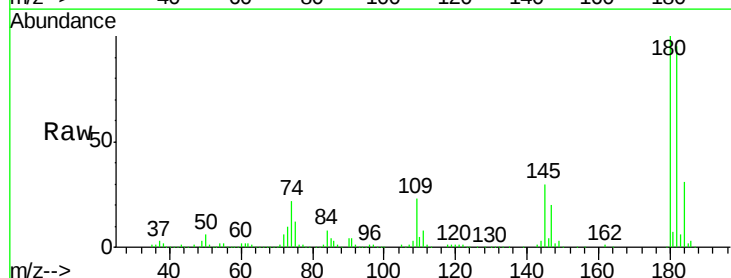
Manual Integrations
APPROVED

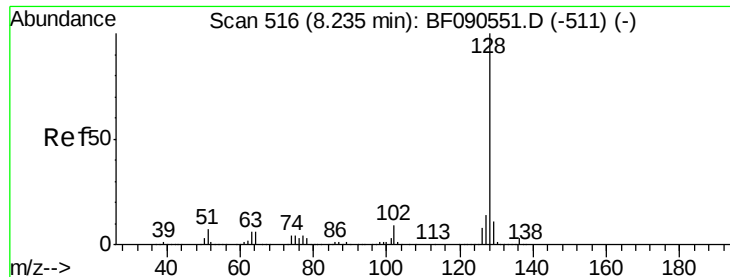
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 34.24 ng
RT: 8.12 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	535887		
182	94.7	77.2	115.8	
145	30.3	24.4	36.6	





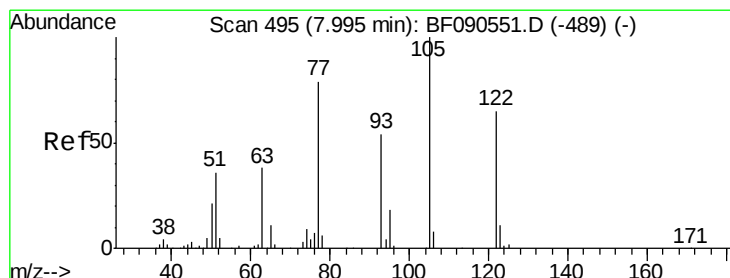
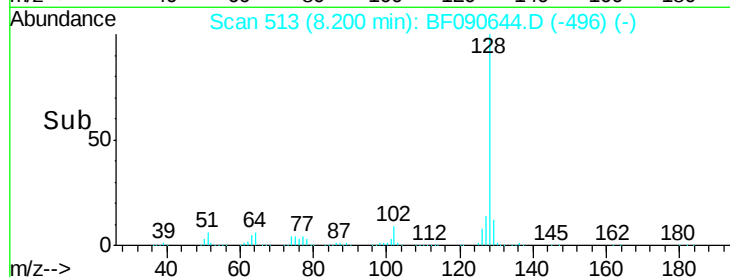
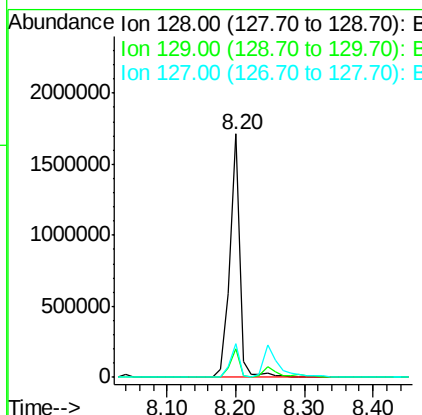
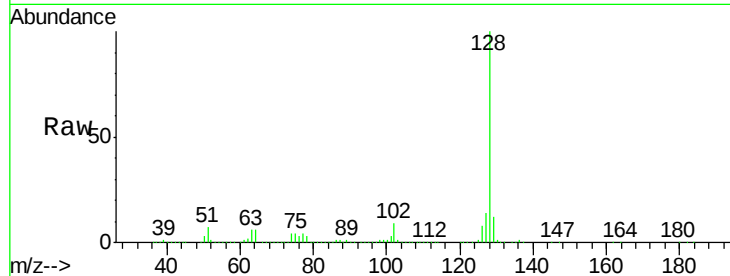
#31
Naphthalene
Concen: 31.74 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion:128 Resp: 1773540
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.8 10.8 16.2

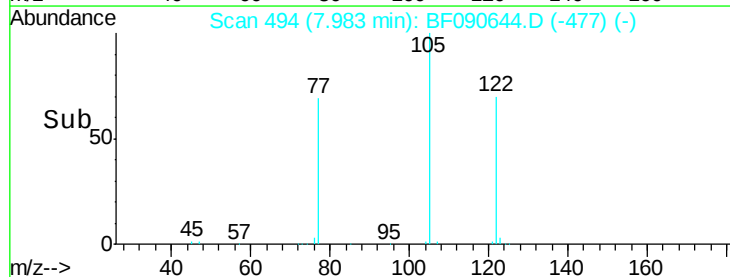
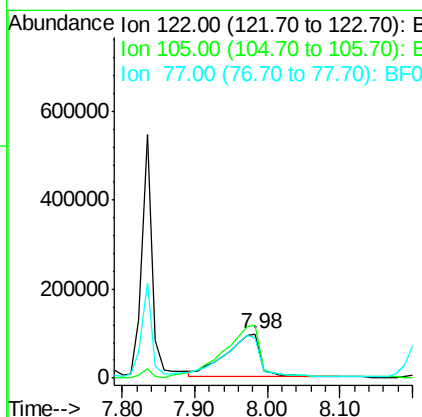
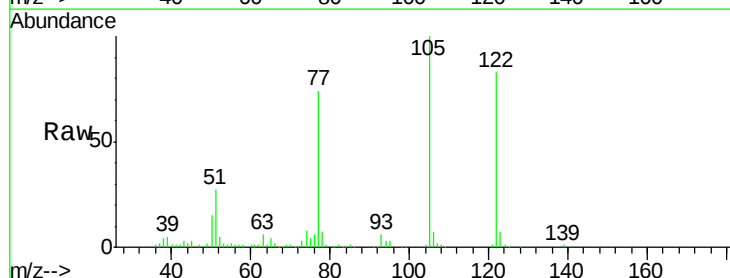
Manual Integrations
APPROVED

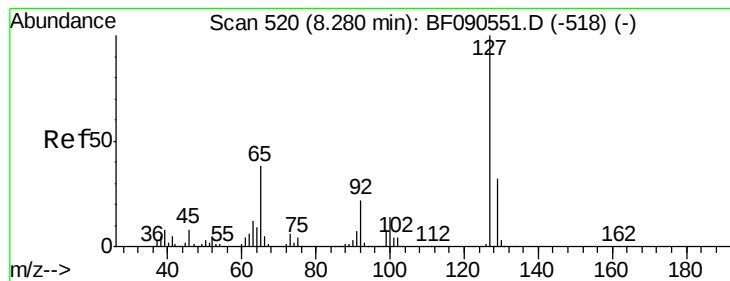
Sohil
10/20/2016 10:36:44 AM



#32
Benzoic acid
Concen: 34.38 ng
RT: 7.98 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion:122 Resp: 322161
Ion Ratio Lower Upper
122 100
105 120.2 101.1 141.1
77 88.9 84.7 124.7





#33

4-Chloroaniline

Concen: 16.19 ng

RT: 8.25 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

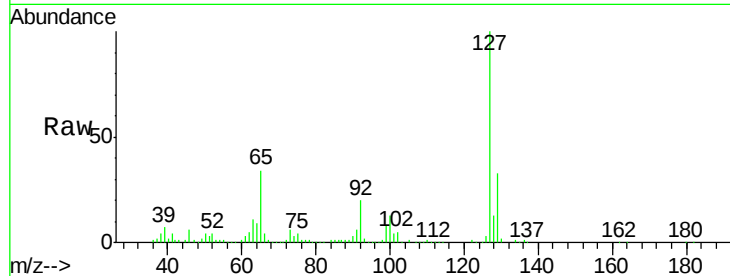
ClientSampled :

PB94156BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		345676		
129	32.9	26.2	39.2		
65	33.7	30.1	45.1		
92	20.4	17.2	25.8		

Manual Integrations
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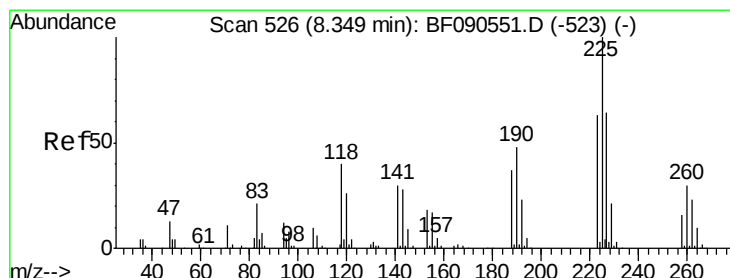
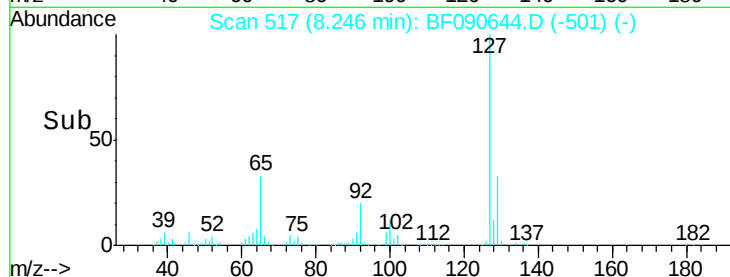
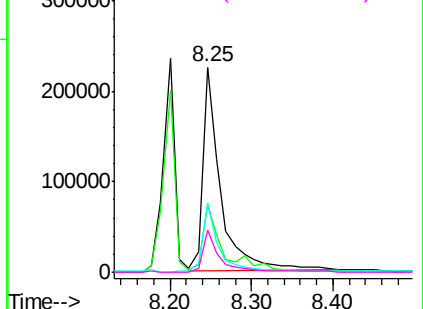


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 30.22 ng

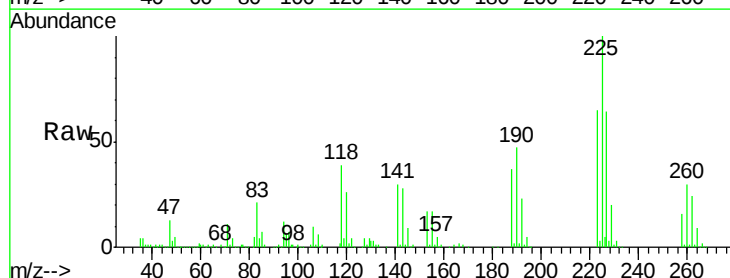
RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

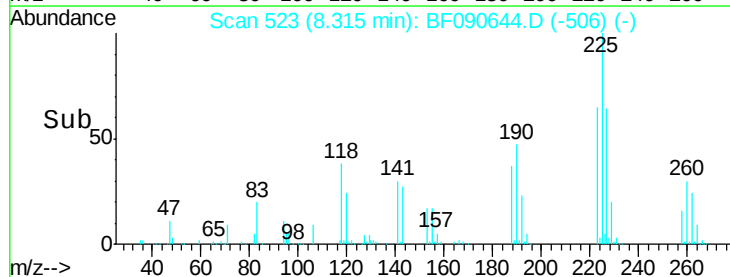
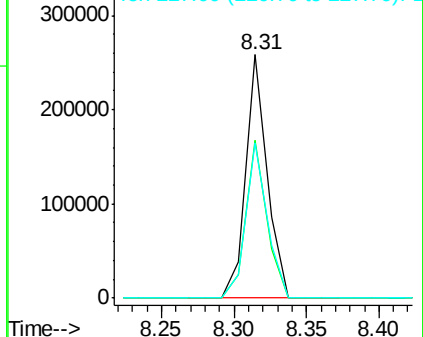
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		264220		
223	64.7	50.6	76.0		
227	63.9	51.4	77.2		

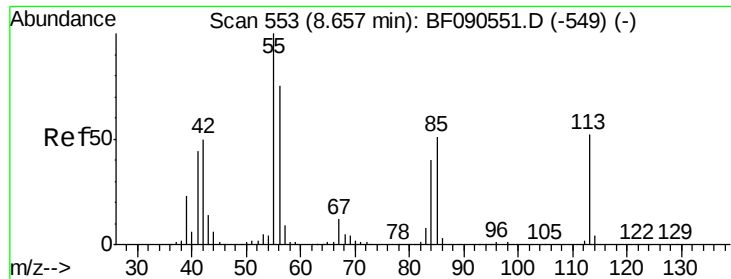


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





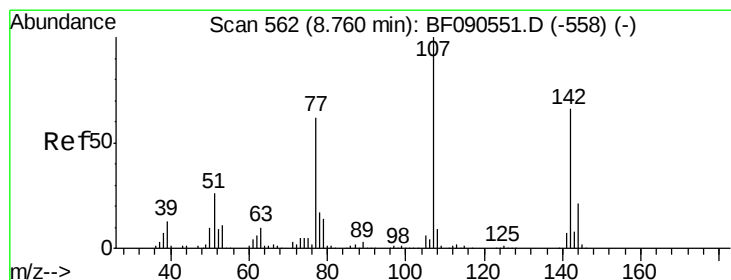
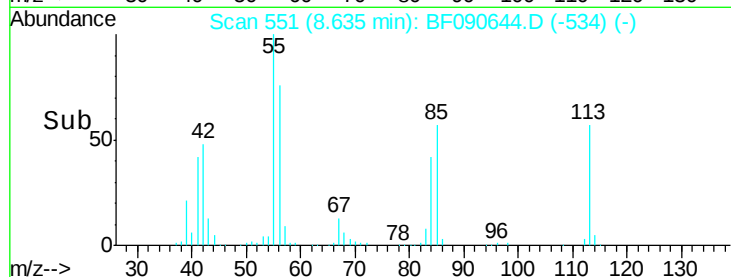
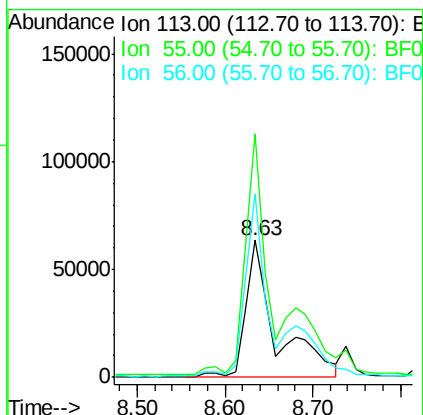
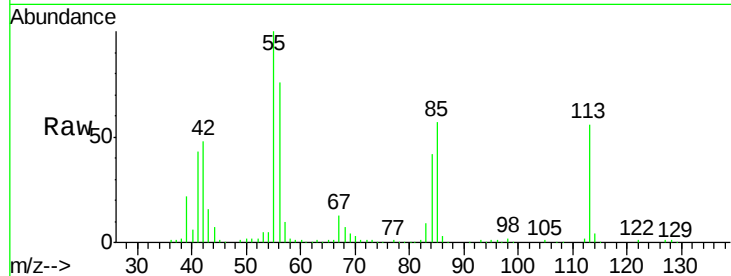
#35
Caprolactam
Concen: 41.28 ng/ml
RT: 8.63 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleID :
PB94156BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	177.6		170.8	210.8	
56	134.2		122.4	162.4	

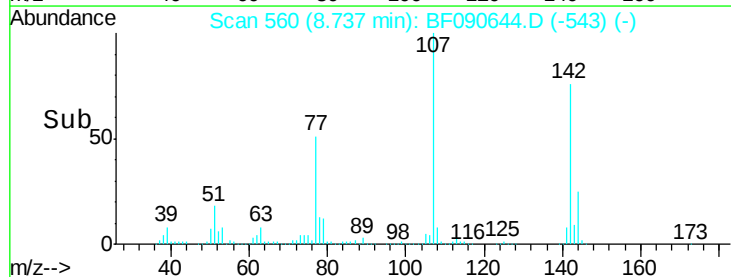
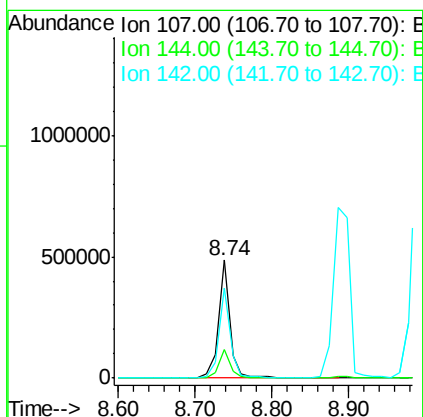
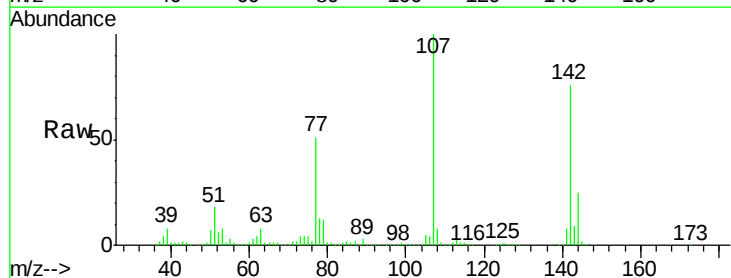
Manual Integrations
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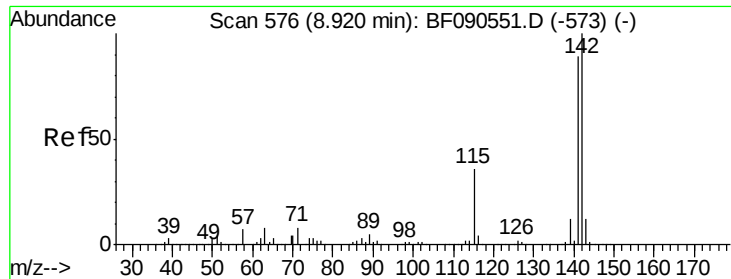
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 32.99 ng/ml
RT: 8.74 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.6		16.9	25.3	
142	76.0		52.5	78.7	





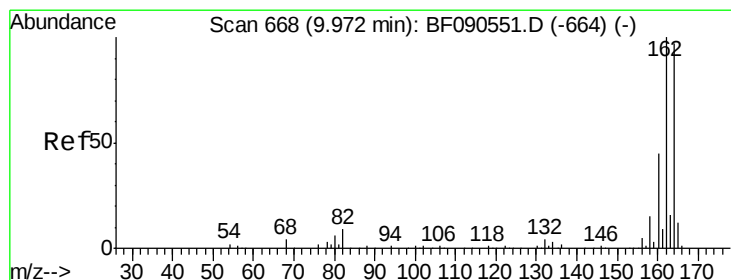
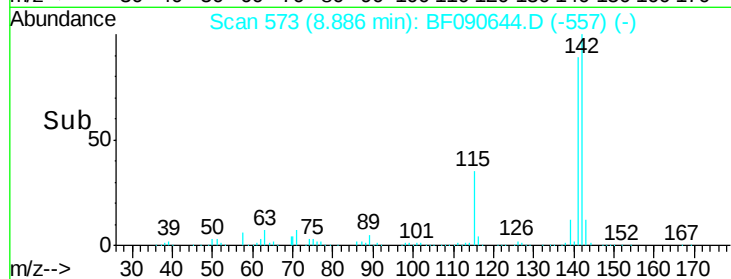
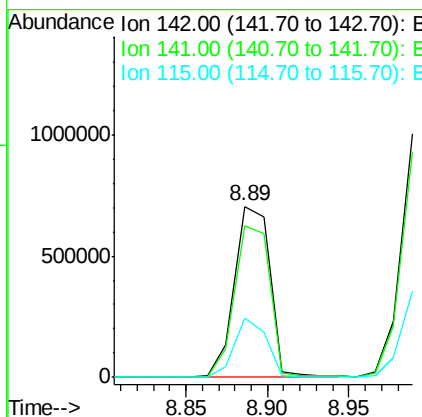
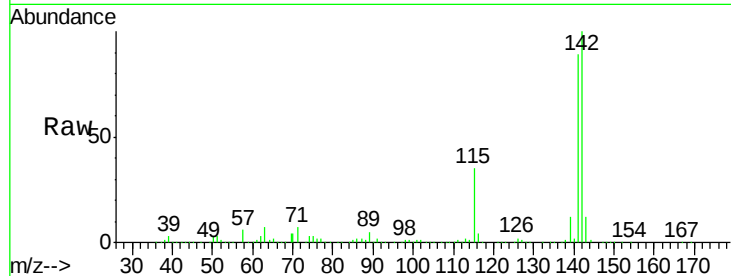
#37
2-Methylnaphthalene
Concen: 32.15 ng
RT: 8.89 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	34.8	28.8	43.2

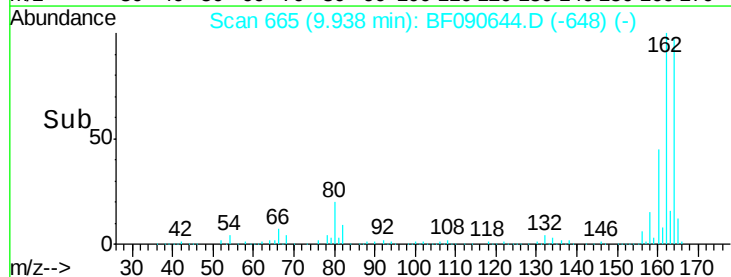
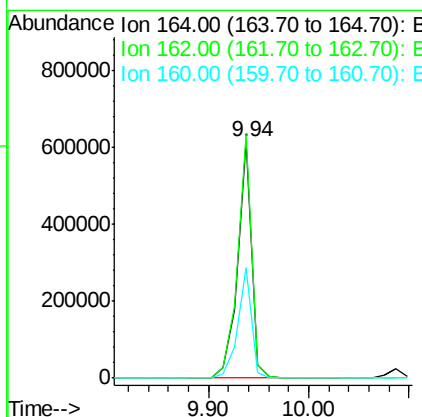
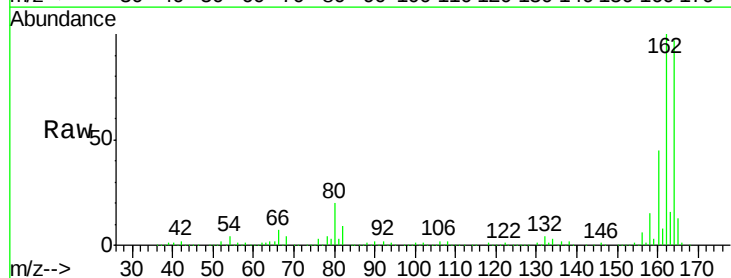
Manual Integrations
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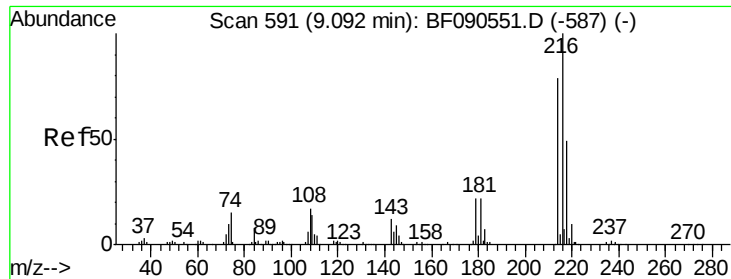
Sohil
10/20/2016 10:36:44 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.4
160	46.5	36.6	55.0





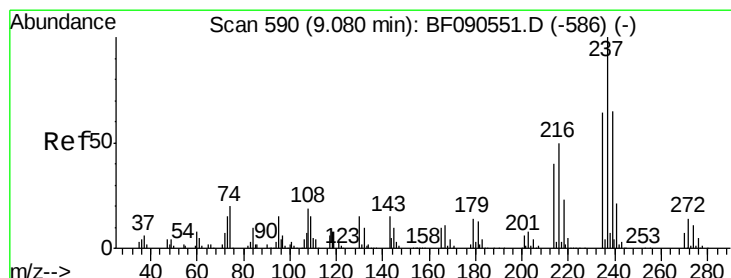
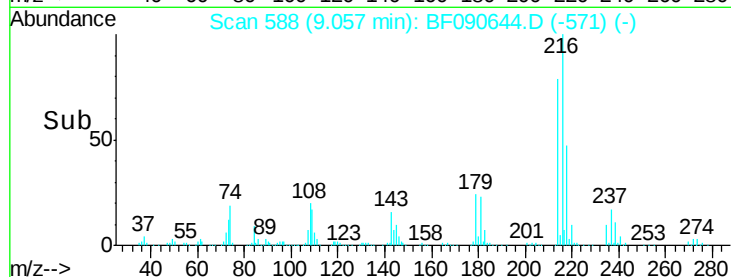
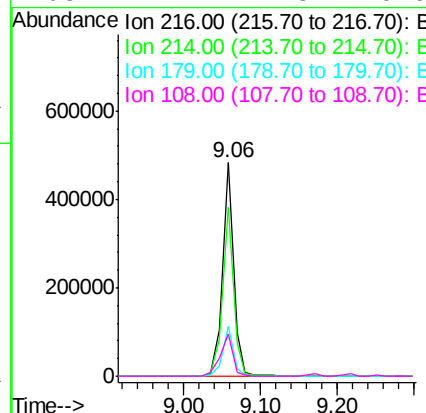
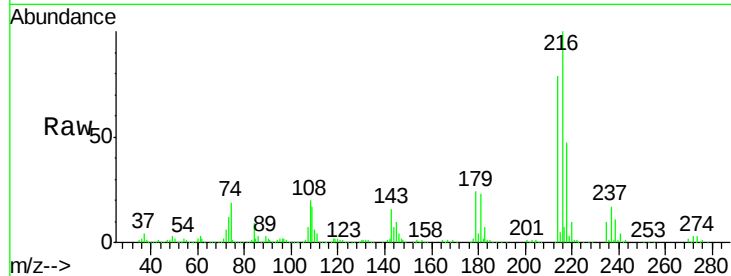
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.22 ng
 RT: 9.06 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		491924		
214	78.9	63.5	95.3		
179	22.3	18.9	28.3		
108	21.7	17.8	26.6		

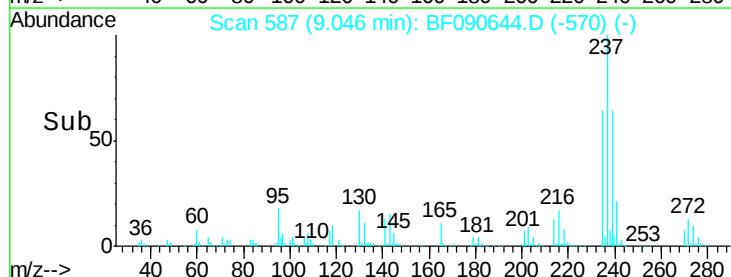
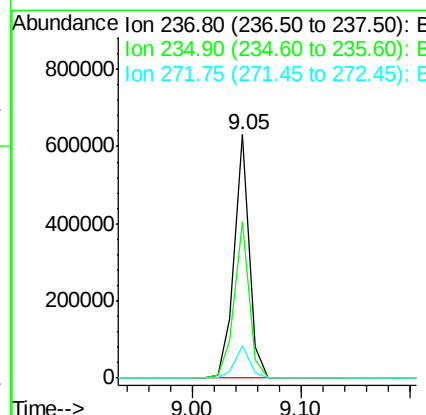
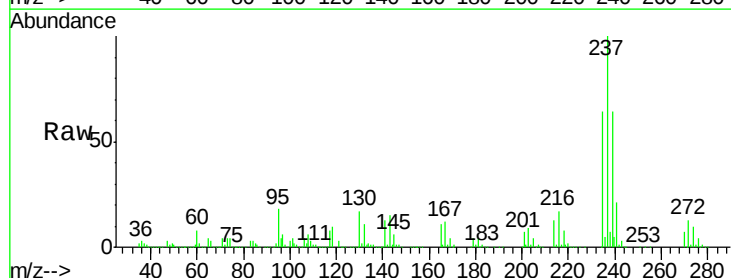
Manual Integrations
 APPROVED

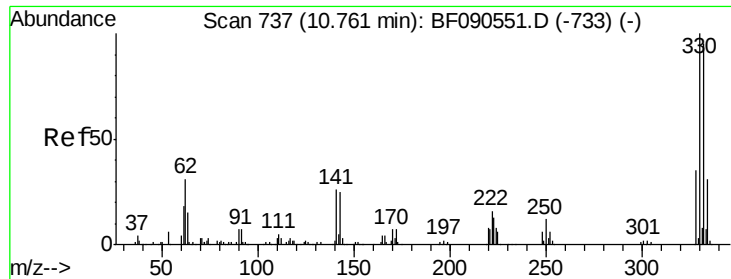
Sohil
 10/20/2016 10:36:44 AM



#40
 Hexachlorocyclopentadiene
 Concen: 78.15 ng
 RT: 9.05 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		601501		
235	64.5	43.8	83.8		
272	13.3	0.0	33.7		





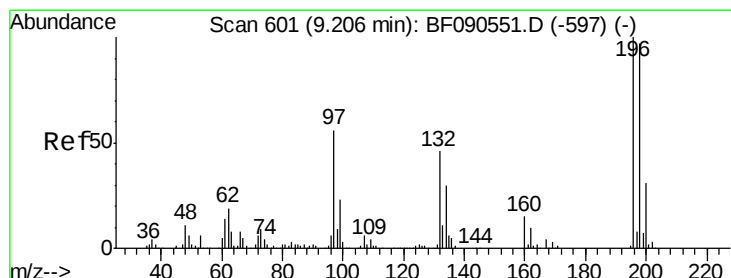
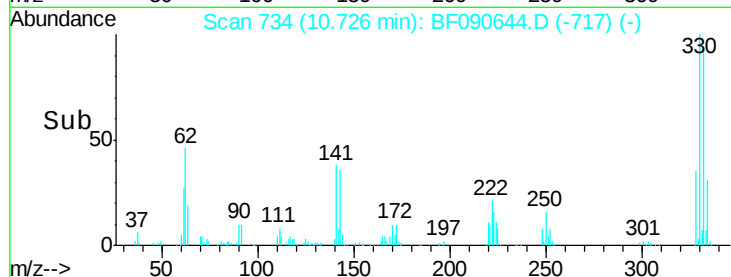
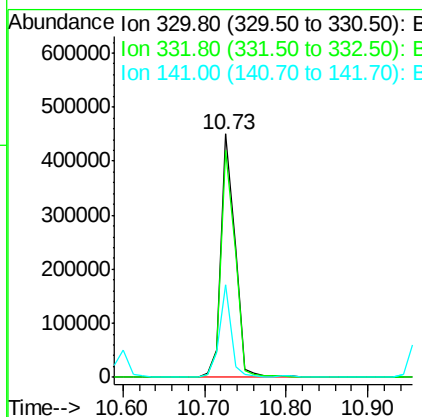
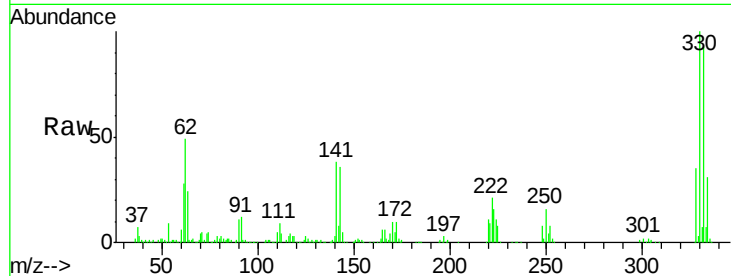
#41
 2,4,6-Tribromophenol
 Concen: 101.47 ng
 RT: 10.73 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.2	114.2
141	31.7	31.4	47.2

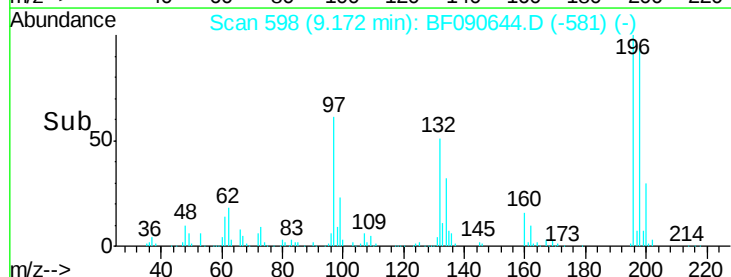
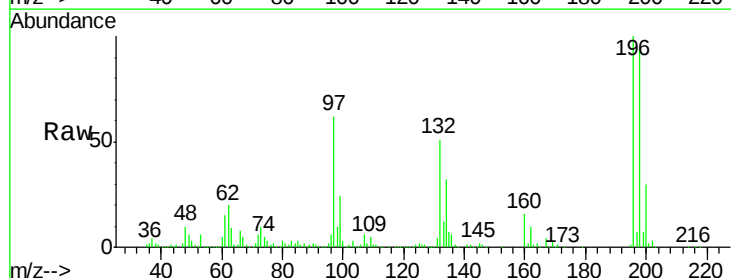
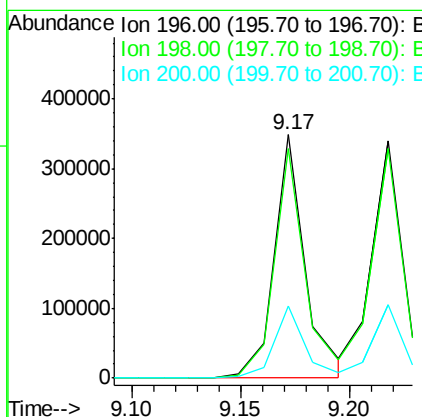
Manual Integrations
 APPROVED

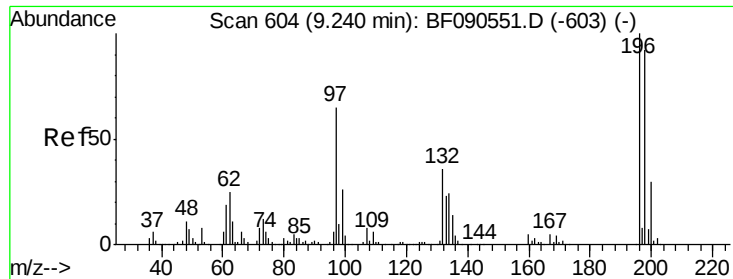
Sohil
 10/20/2016 10:36:44 AM



#42
 2,4,6-Trichlorophenol
 Concen: 39.04 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	77.9	116.9
200	29.9	25.1	37.7





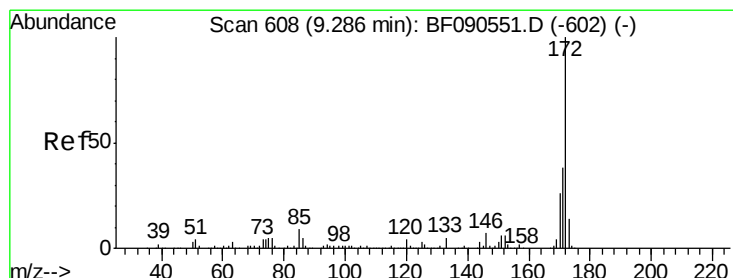
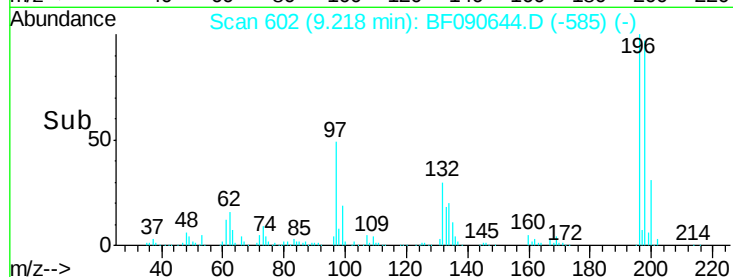
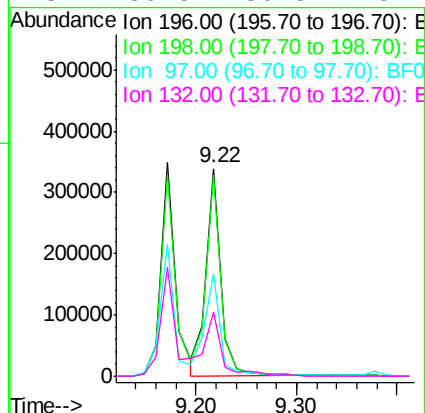
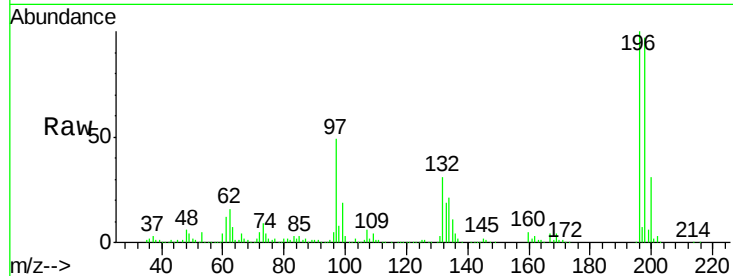
#43
2,4,5-Trichlorophenol
Concen: 33.02 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	350082		
198	96.9	74.0	111.0	
97	49.4	54.7	82.1	
132	30.5	30.5	45.7	

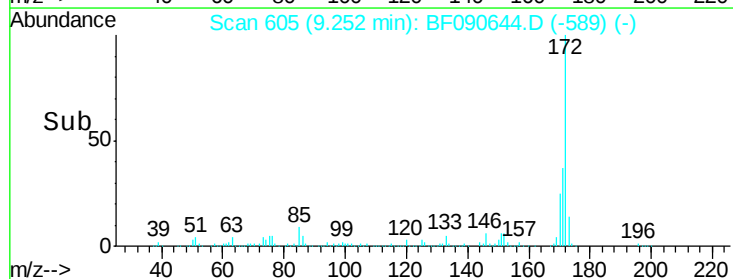
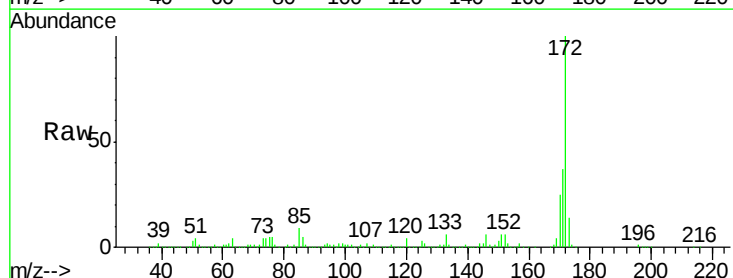
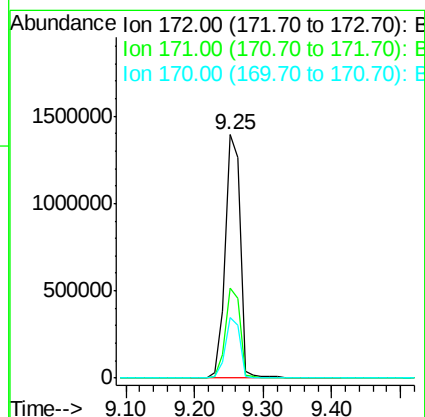
Manual Integrations
APPROVED

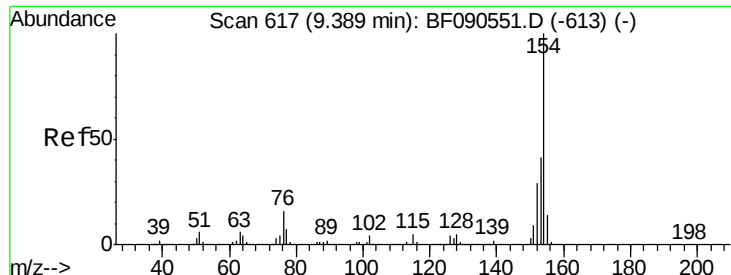
Sohil
10/20/2016 10:36:44 AM



#44
2-Fluorobiphenyl
Concen: 60.71 ng
RT: 9.25 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2189526		
171	36.8	30.1	45.1	
170	24.7	20.6	30.8	





#45

1,1'-Biphenyl

Concen: 28.37 ng

RT: 9.35 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:154 Resp: 1282983

Ion Ratio Lower Upper

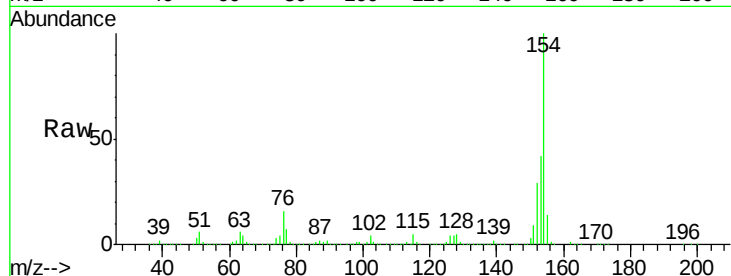
154 100

153 41.9 21.5 61.5

76 16.0 0.0 36.0

Manual Integrations
APPROVED

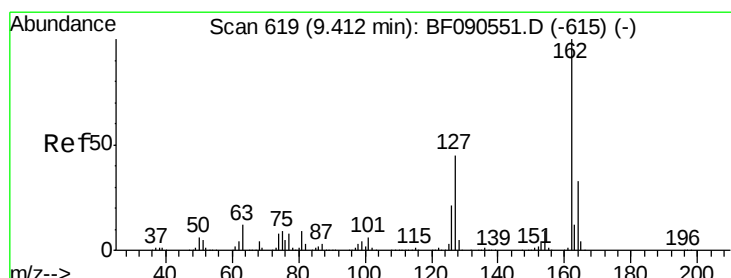
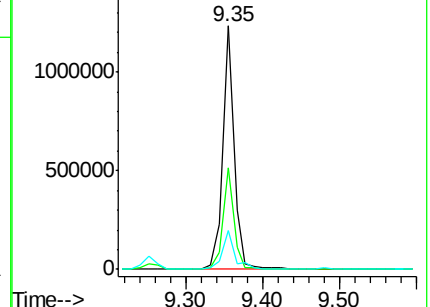
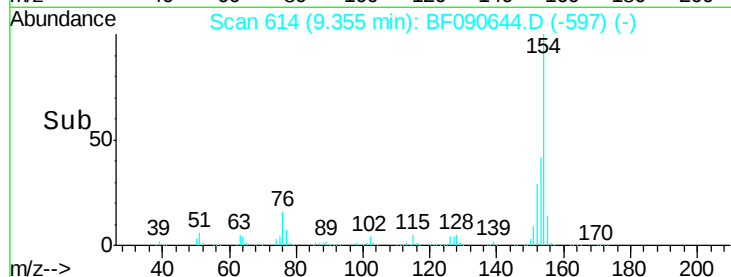
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 29.98 ng

RT: 9.38 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

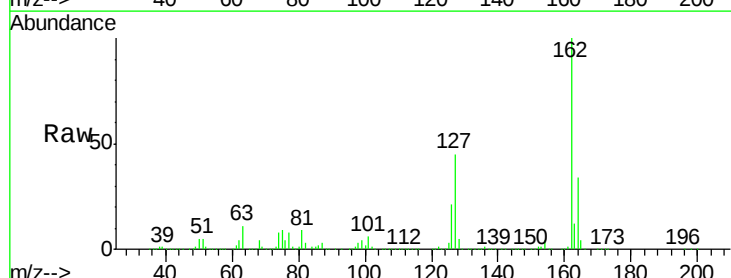
Tgt Ion:162 Resp: 1010802

Ion Ratio Lower Upper

162 100

127 44.9 35.9 53.9

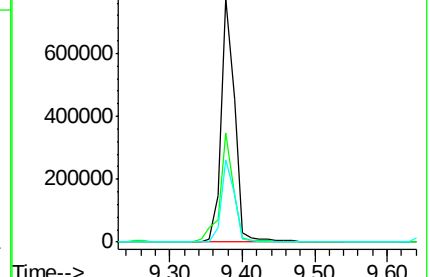
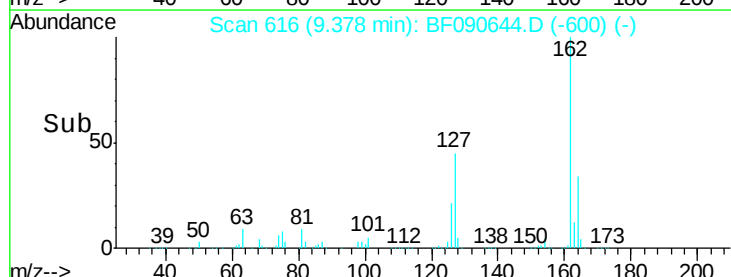
164 33.6 26.7 40.1

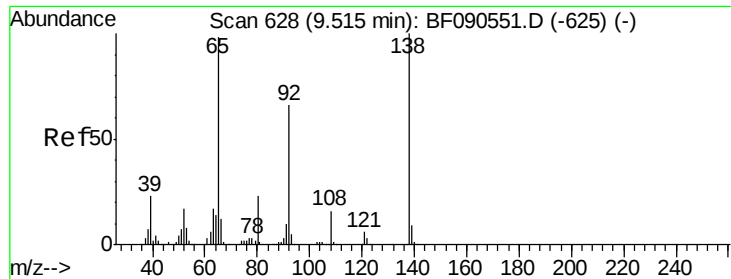


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





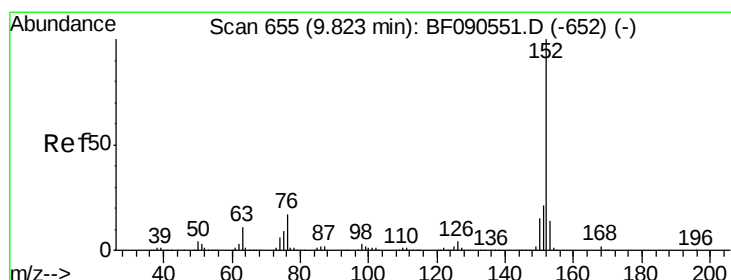
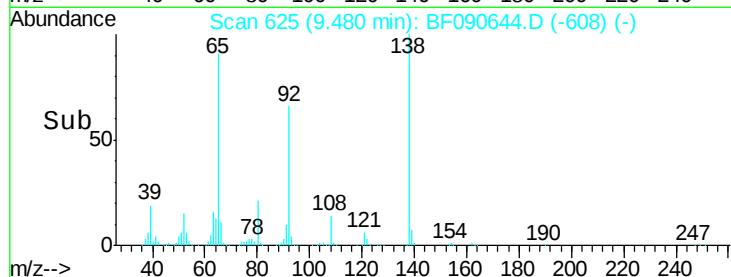
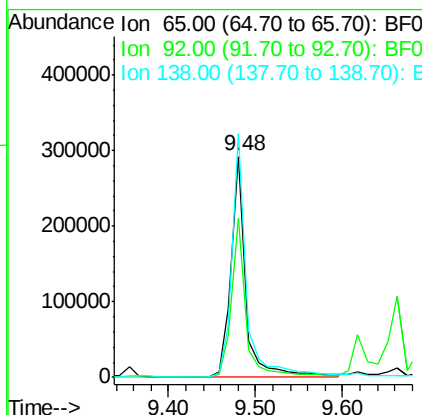
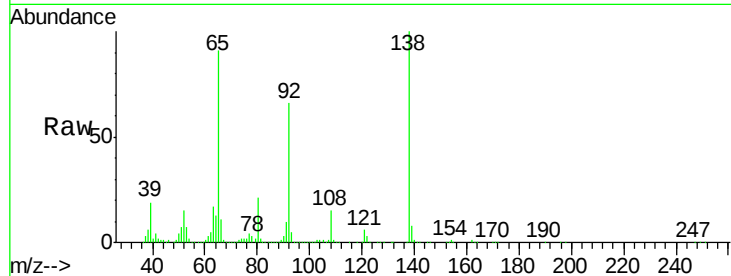
#47
2-Nitroaniline
Concen: 28.28 ng
RT: 9.48 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.1	54.3	81.5
138	110.1	81.7	122.5

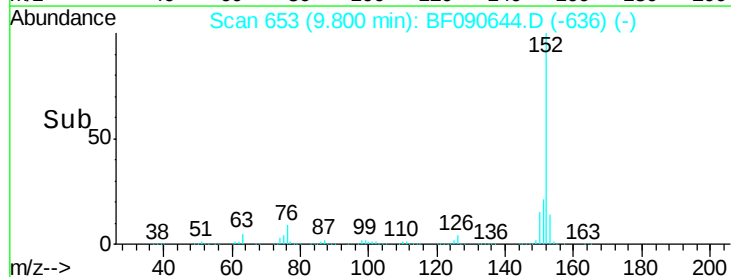
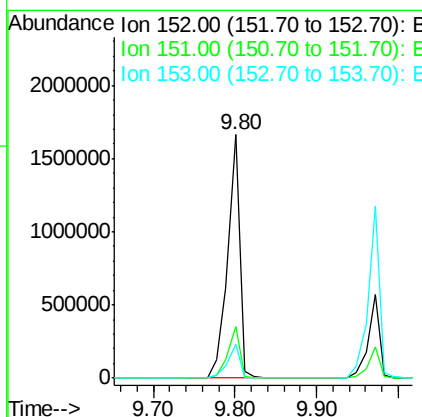
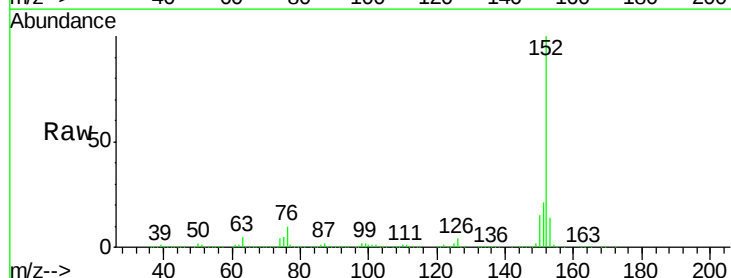
Manual Integrations
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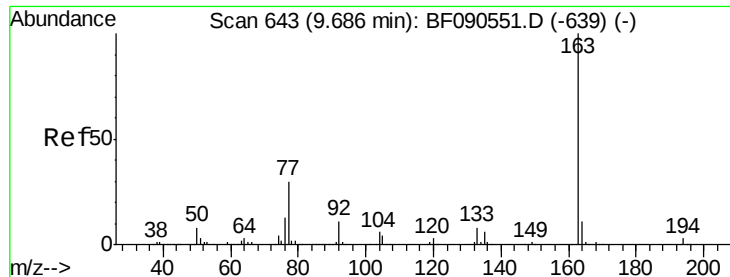
Sohil
10/20/2016 10:36:44 AM



#48
Acenaphthylene
Concen: 31.79 ng
RT: 9.80 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	25.0
153	13.8	11.3	16.9





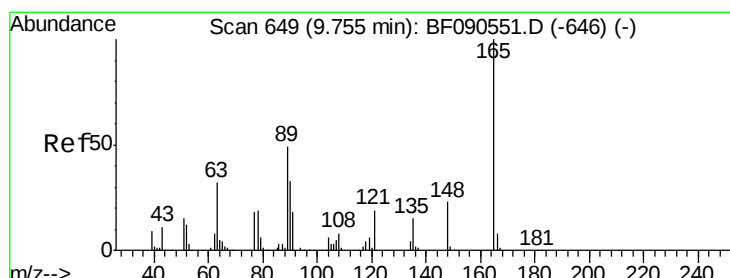
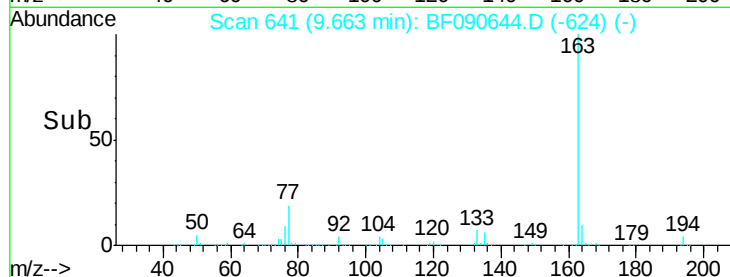
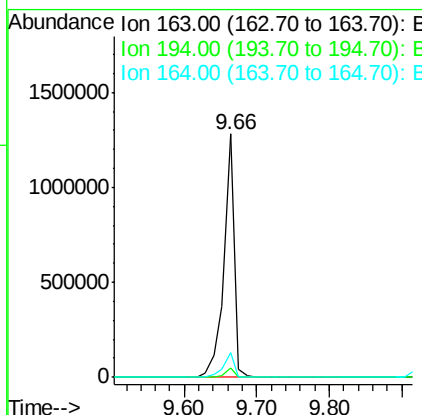
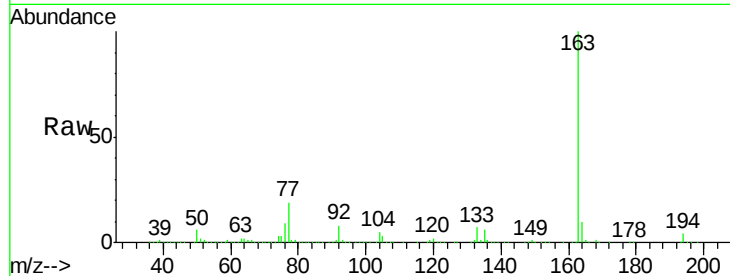
#49
Dimethylphthalate
Concen: 33.17 ng
RT: 9.66 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion:163 Resp: 1278925
Ion Ratio Lower Upper
163 100
194 3.7 2.3 3.5#
164 10.4 8.6 13.0

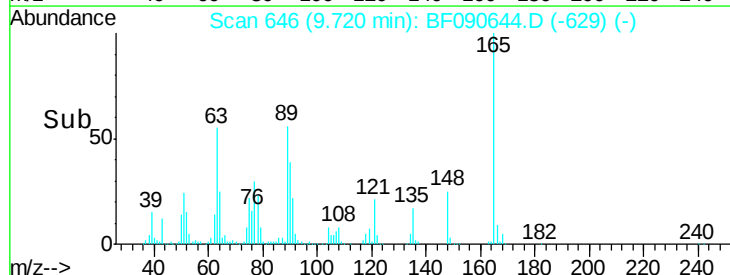
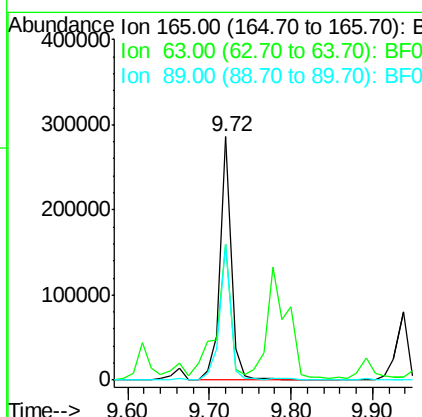
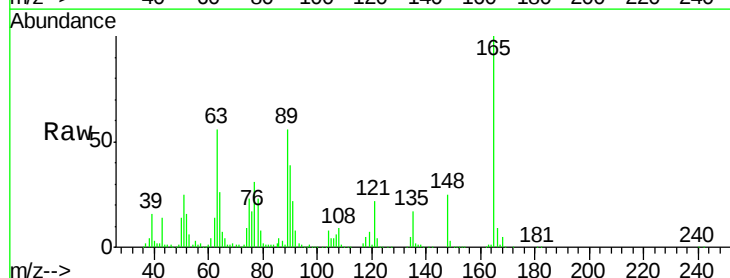
Manual Integrations
APPROVED

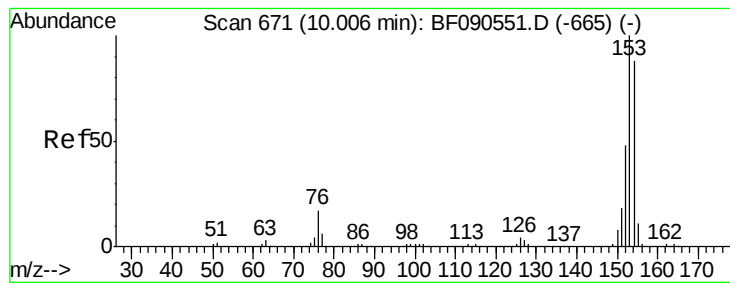
Sohil
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#50
2,6-Dinitrotoluene
Concen: 32.29 ng
RT: 9.72 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion:165 Resp: 272427
Ion Ratio Lower Upper
165 100
63 55.7 40.1 60.1
89 55.8 39.5 59.3





#51

Acenaphthene

Concen: 32.35 ng

RT: 9.97 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:154 Resp: 1154466

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

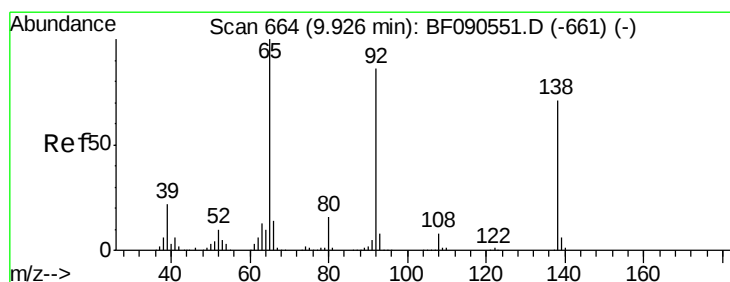
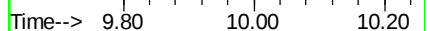
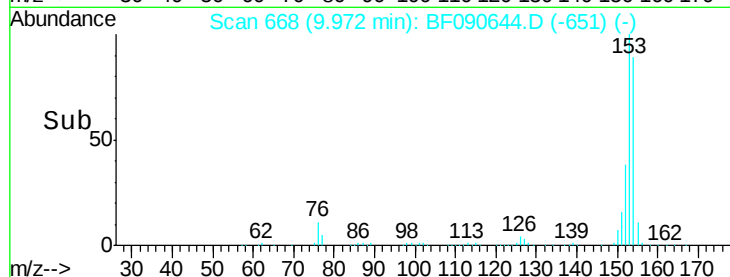
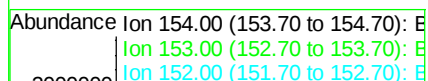
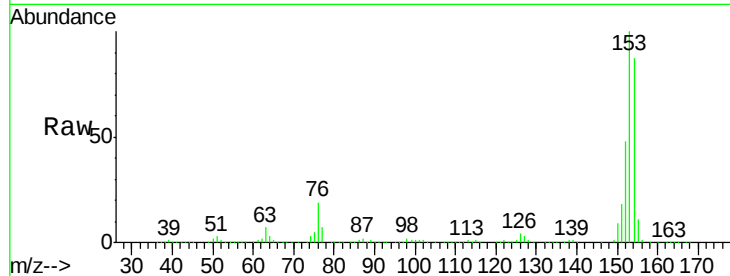
152 55.3 44.0 66.0

Manual Integrations

APPROVED

Sohil

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#52

3-Nitroaniline

Concen: 19.20 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

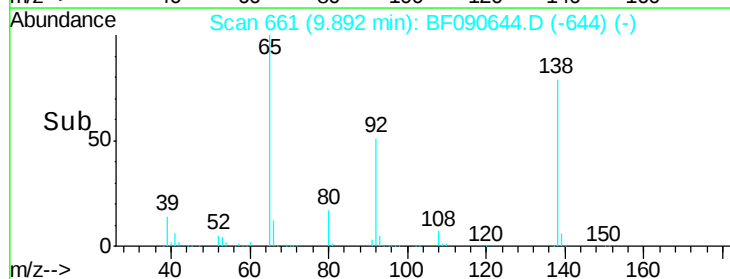
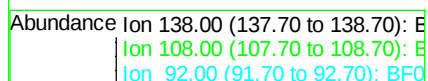
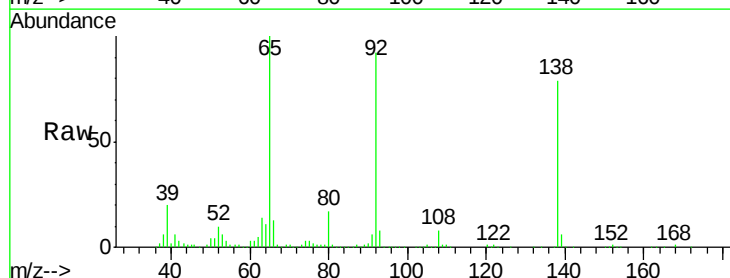
Tgt Ion:138 Resp: 203210

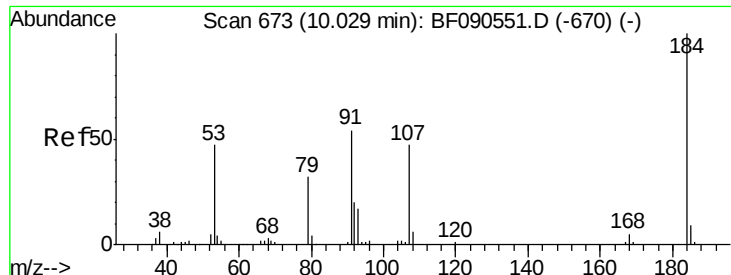
Ion Ratio Lower Upper

138 100

108 10.0 8.6 12.8

92 116.7 97.8 146.8





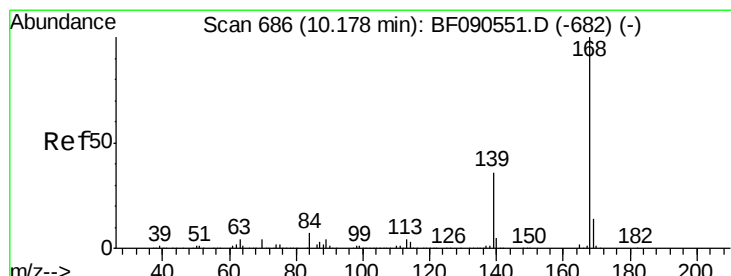
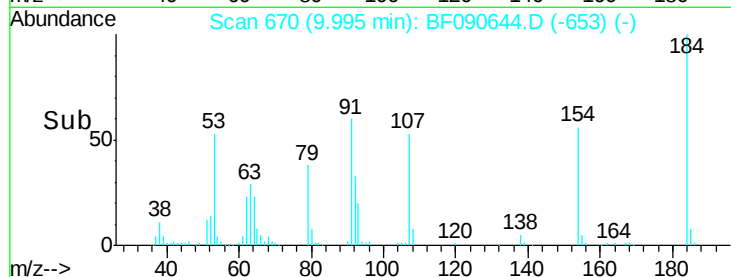
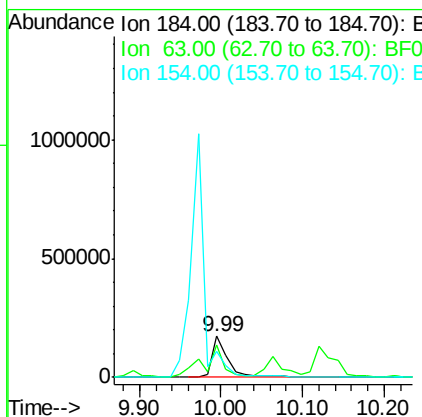
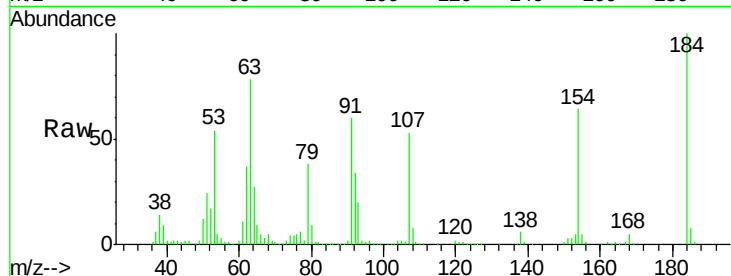
#53
2,4-Dinitrophenol
Concen: 55.14 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	243829		
63	78.5	60.2	90.2	
154	63.9	86.1	129.1	

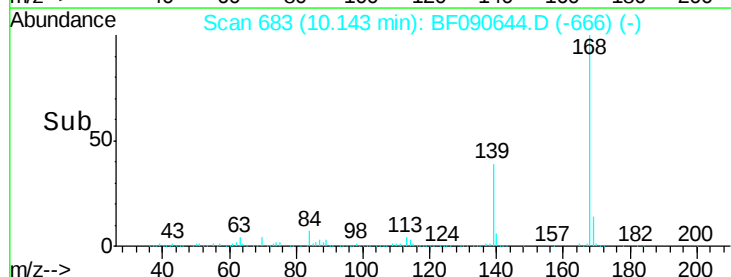
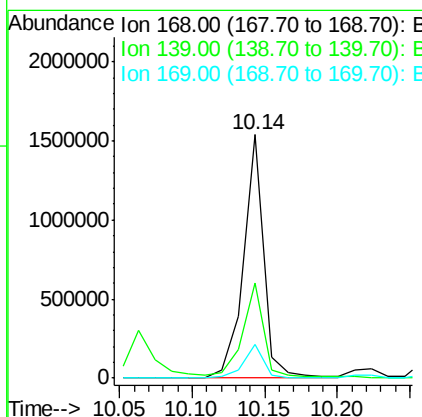
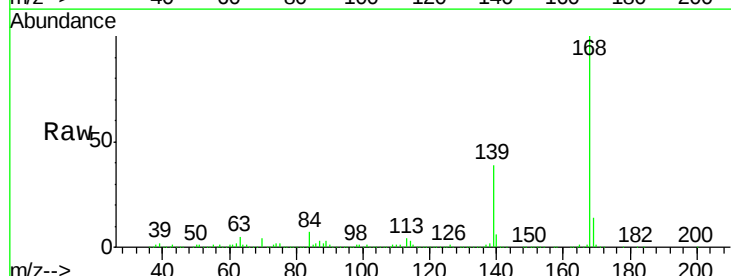
Manual Integrations
APPROVED

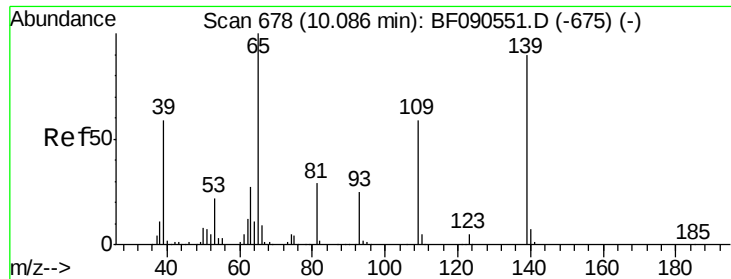
Sohil
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#54
Dibenzofuran
Concen: 32.11 ng
RT: 10.14 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1507142		
139	39.2	30.5	45.7	
169	13.9	10.9	16.3	





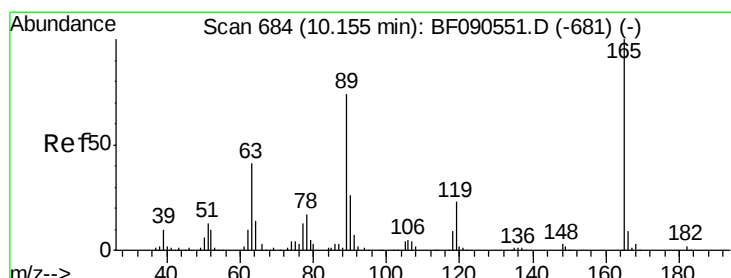
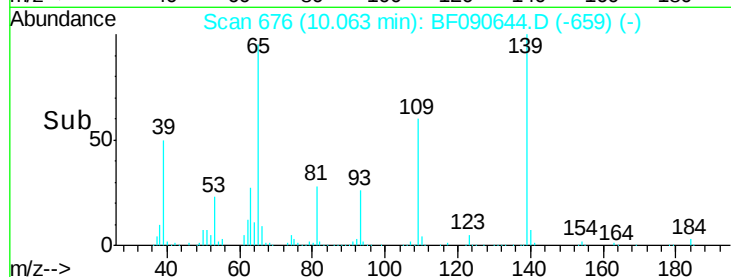
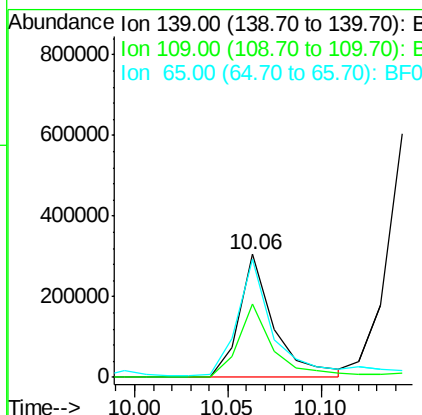
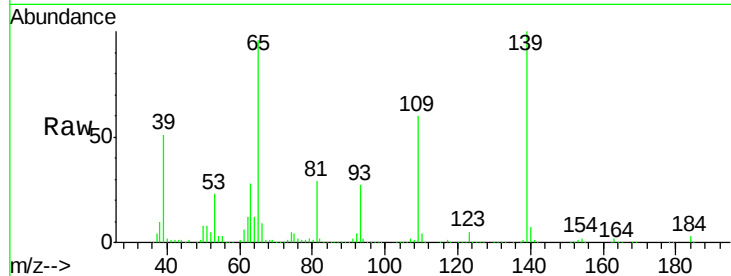
#55
4-Nitrophenol
Concen: 63.28 ng
RT: 10.06 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	403116		
109	59.9	45.9	85.9	
65	96.3	95.8	135.8	

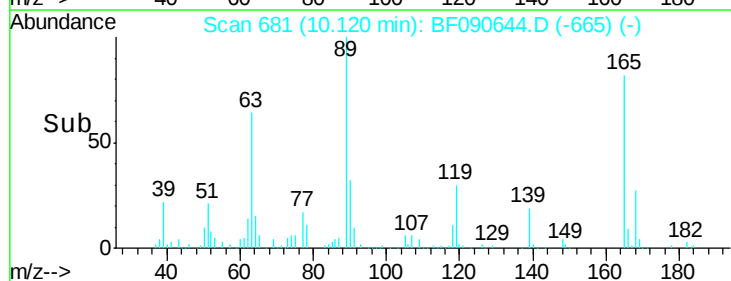
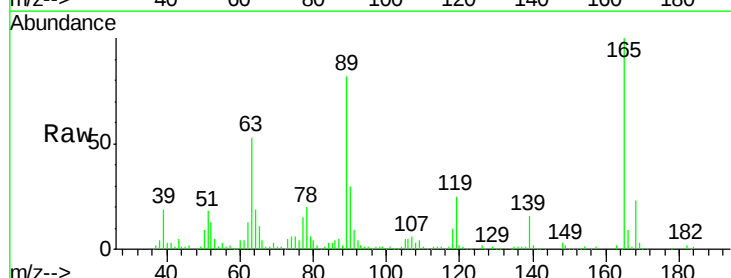
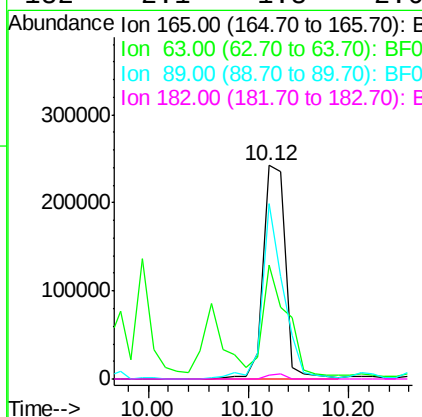
Manual Integrations
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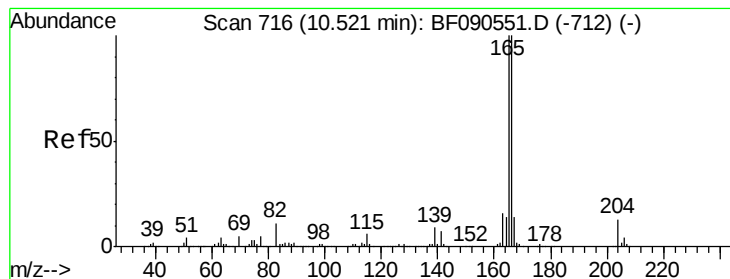
Sohil
10/20/2016 10:36:44 AM



#56
2,4-Dinitrotoluene
Concen: 32.31 ng
RT: 10.12 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	370229		
63	53.5	35.4	53.0#	
89	81.9	59.0	88.4	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 31.13 ng

RT: 10.49 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:166 Resp: 1205360

Ion Ratio Lower Upper

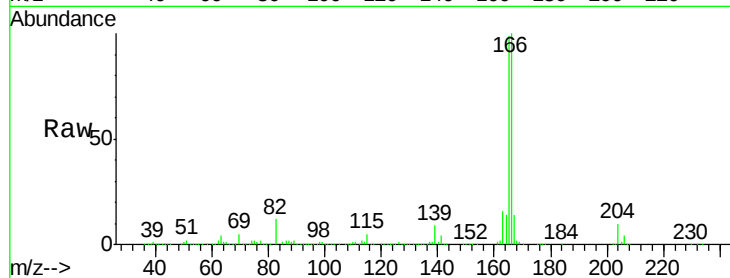
166 100

165 99.0 79.9 119.9

167 13.8 10.9 16.3

Manual Integrations
APPROVED

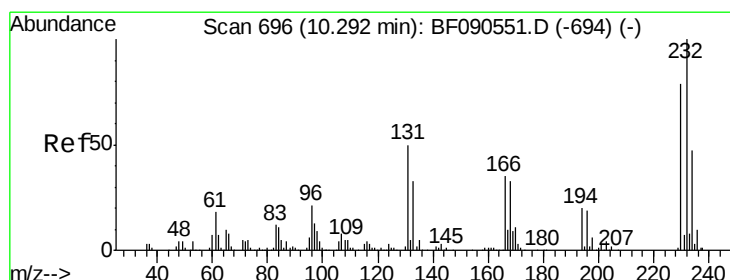
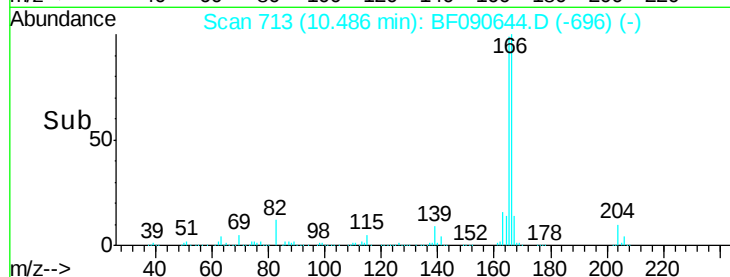
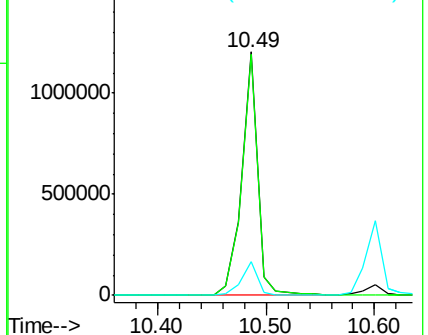
Sohil
10/20/2016 10:36:44 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.43 ng

RT: 10.26 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Tgt Ion:232 Resp: 295187

Ion Ratio Lower Upper

232 100

131 49.0 42.6 64.0

130 2.2 1.8 2.8

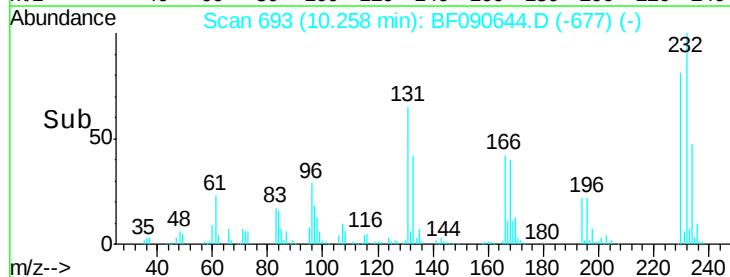
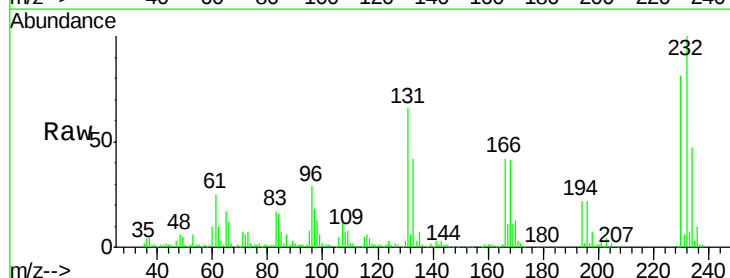
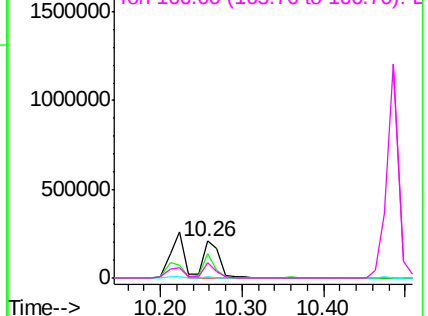
166 33.1 27.5 41.3

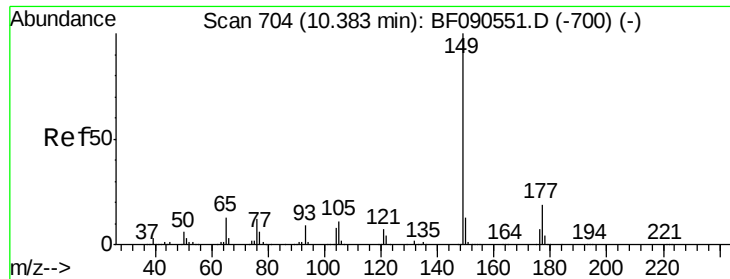
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





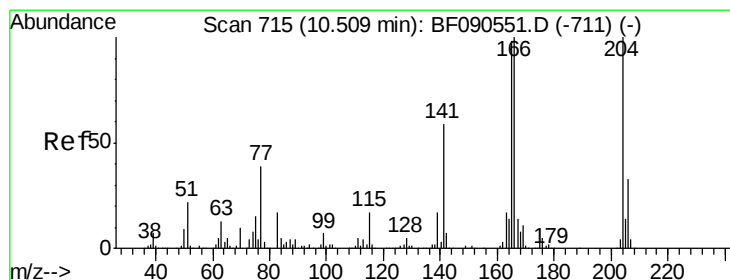
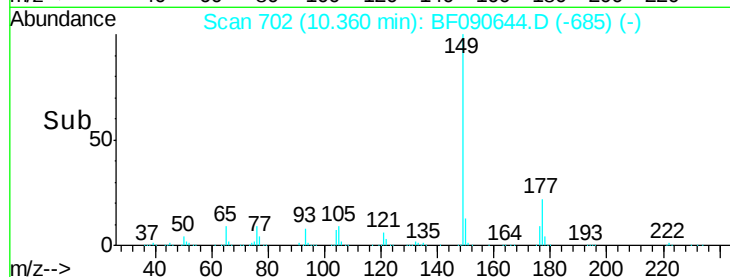
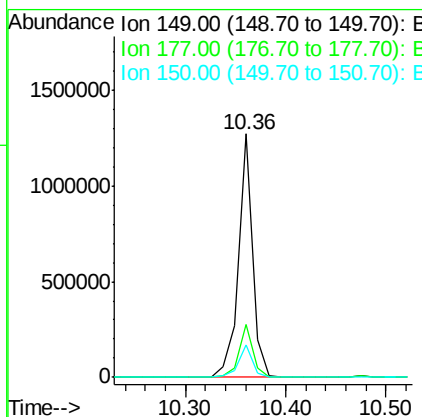
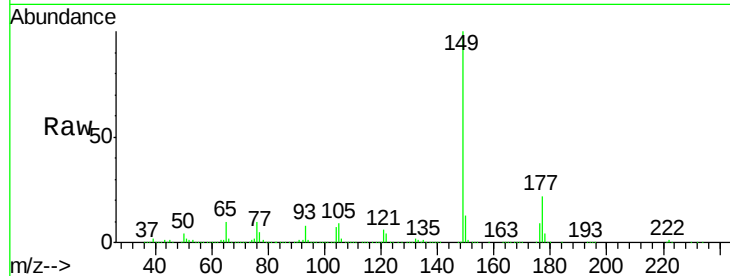
#59
Diethylphthalate
Concen: 31.76 ng
RT: 10.36 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion:149 Resp: 1241960
Ion Ratio Lower Upper
149 100
177 21.6 15.3 22.9
150 13.1 10.3 15.5

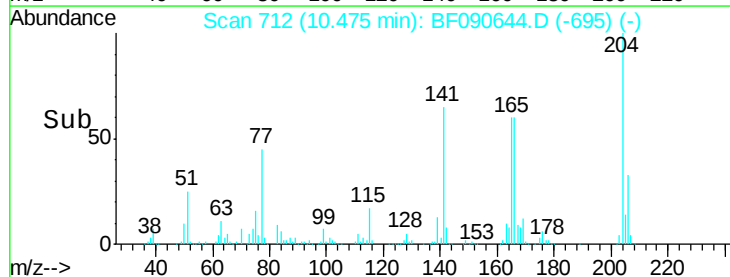
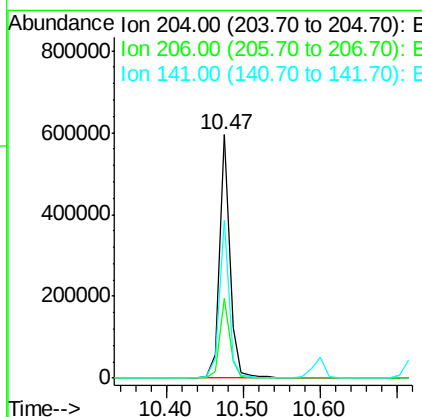
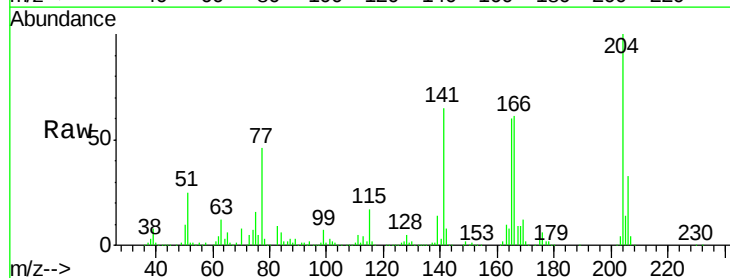
Manual Integrations
APPROVED

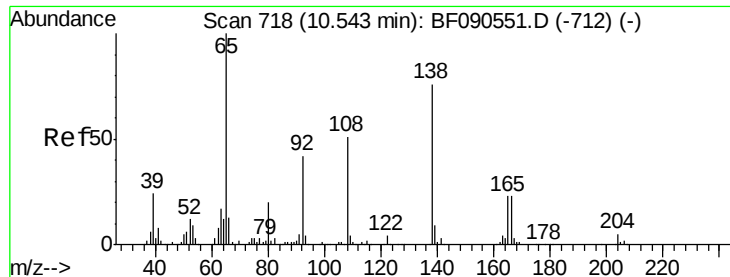
Sohil
10/20/2016 10:36:44 AM



#60
4-Chlorophenyl-phenylether
Concen: 30.76 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion:204 Resp: 561534
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 64.8 47.2 70.8





#61

4-Nitroaniline

Concen: 25.77 ng

RT: 10.51 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

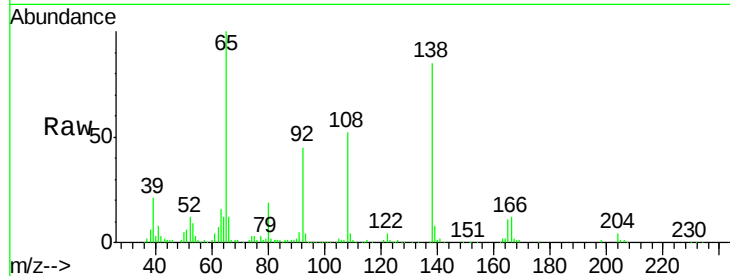
ClientSampled :

PB94156BS

Tot Ion:	138	Resp:	273516
Ion Ratio	Lower	Upper	
138	100		
92	52.8	35.7	75.7
108	60.9	46.9	86.9

Manual Integrations
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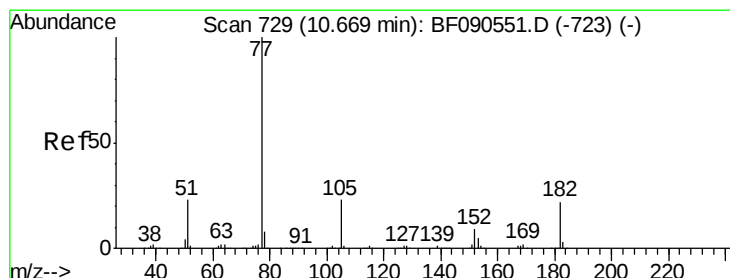
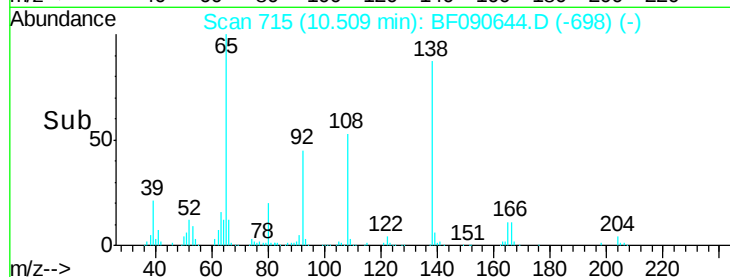
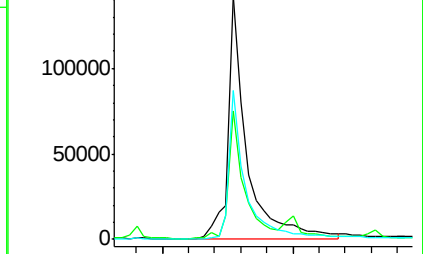
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 28.48 ng

RT: 10.63 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

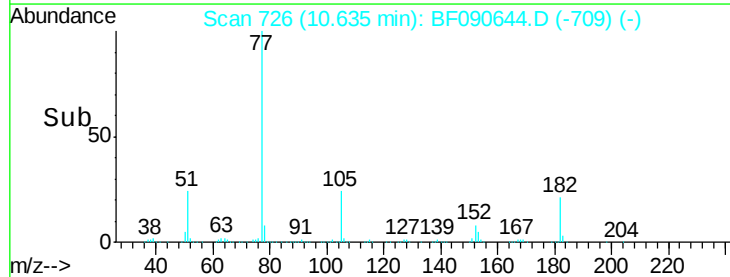
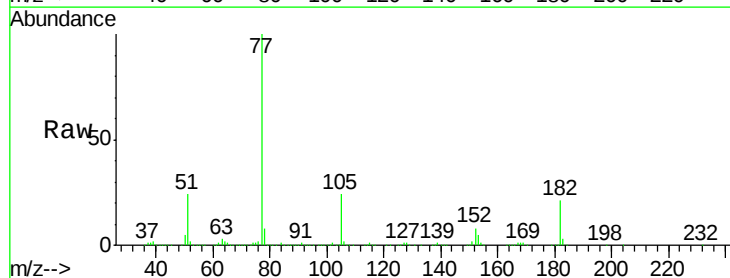
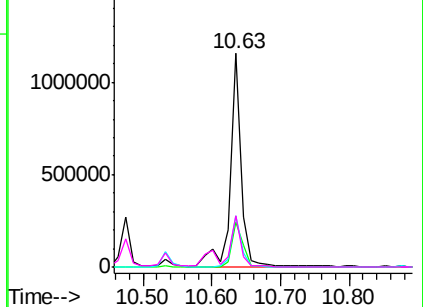
Tgt Ion:	77	Resp:	1288227
Ion Ratio	Lower	Upper	
77	100		
182	20.9	2.2	42.2
105	24.0	3.5	43.5
51	23.9	3.7	43.7

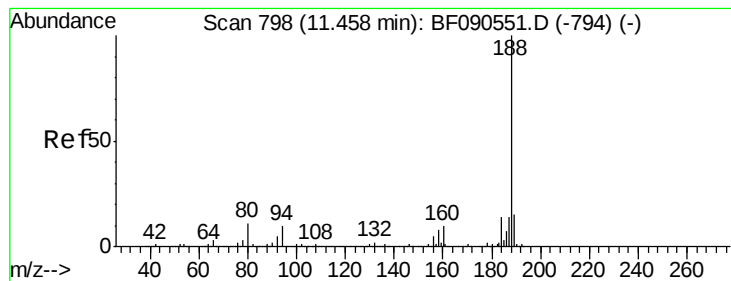
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

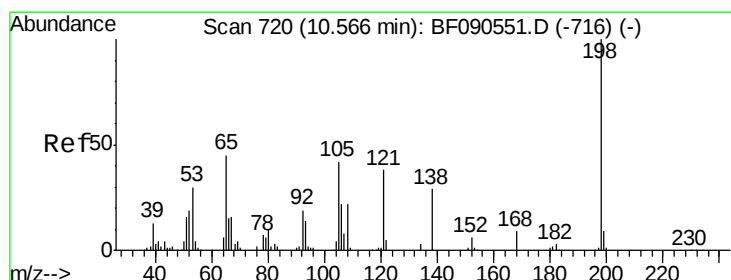
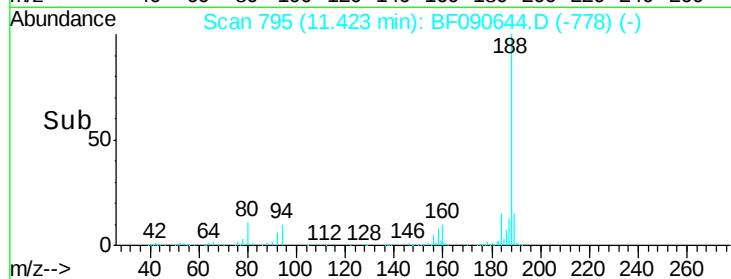
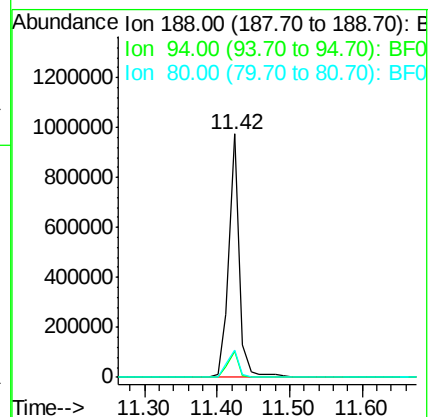
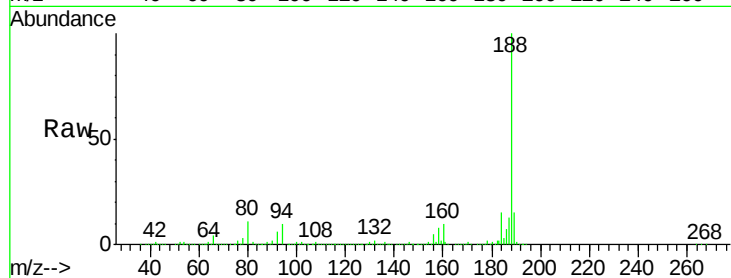
ClientSampleId :

PB94156BS

Tot Ion:	188	Resp:	999595
Ion Ratio	Lower	Upper	
188	100		
94	10.5	7.7	11.5
80	11.4	8.6	12.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 29.10 ng

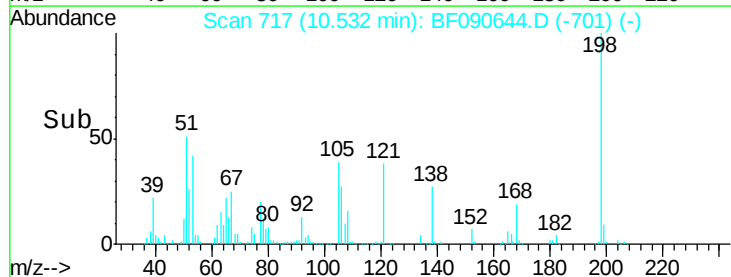
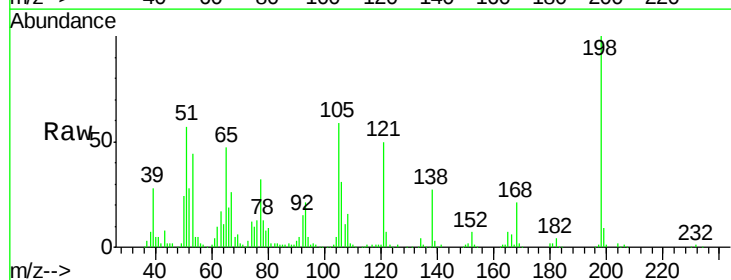
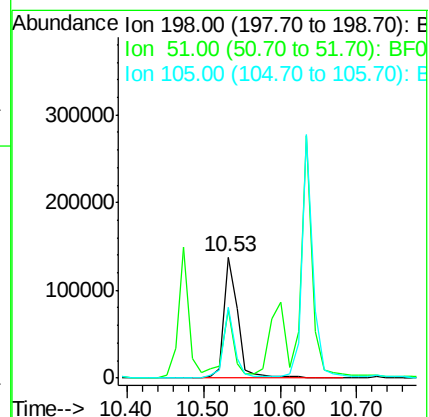
RT: 10.53 min Scan# 717

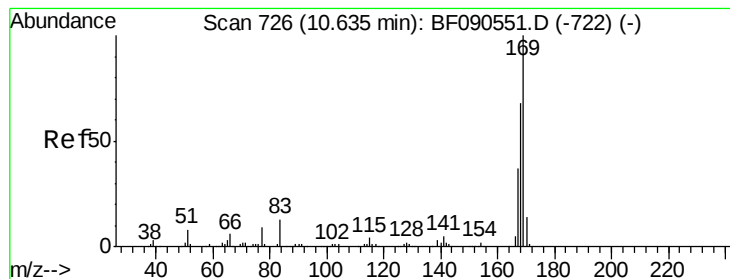
Delta R.T. -0.01 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Tgt Ion:	198	Resp:	176028
Ion Ratio	Lower	Upper	
198	100		
51	56.7	19.7	59.7
105	58.9	22.6	62.6





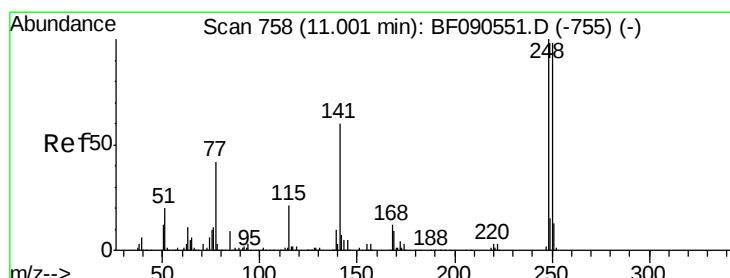
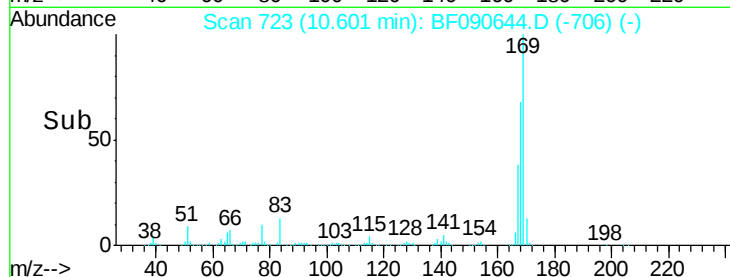
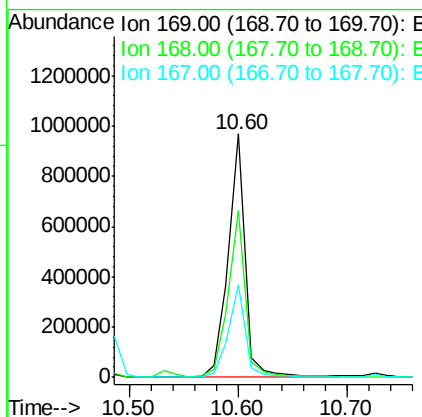
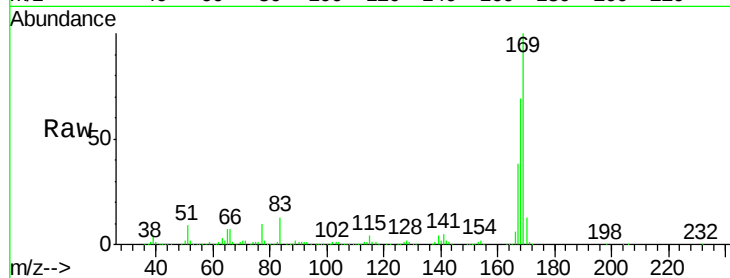
#65
n-Nitrosodiphenylamine
Concen: 31.84 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.6	54.6	81.8
167	37.9	29.8	44.8

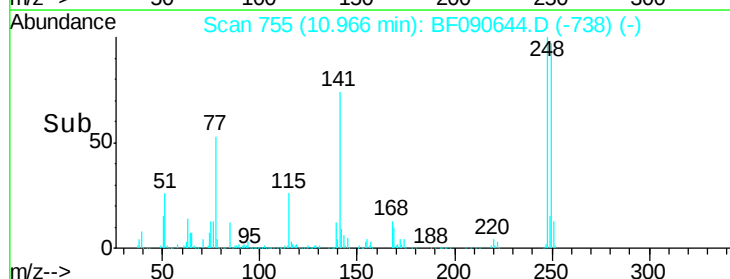
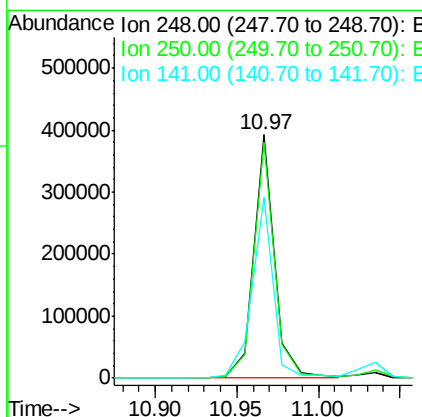
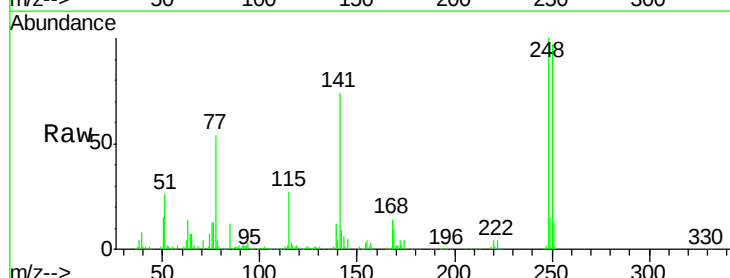
Manual Integrations
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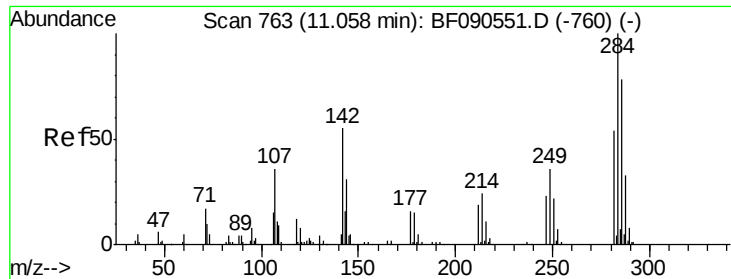
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#66
4-Bromophenyl-phenylether
Concen: 32.44 ng
RT: 10.97 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.4	117.6
141	74.3	48.4	72.6





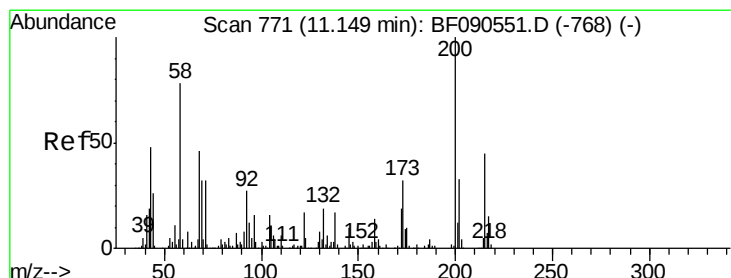
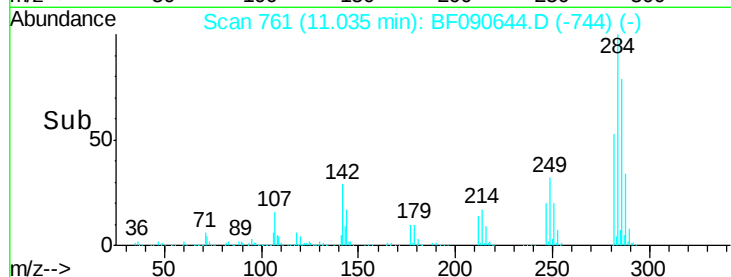
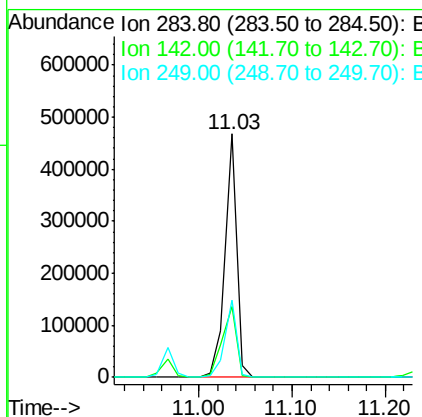
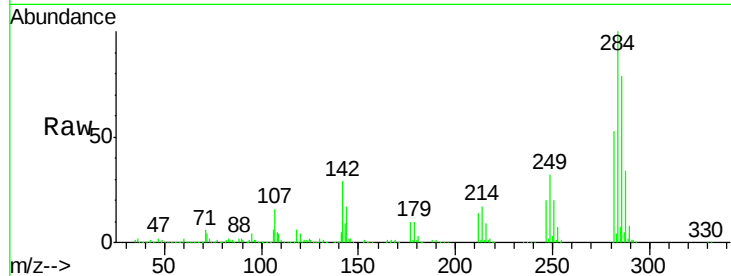
#67
Hexachlorobenzene
Concen: 34.91 ng
RT: 11.03 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	406537		
142	29.0		44.5	66.7#
249	31.5		29.6	44.4

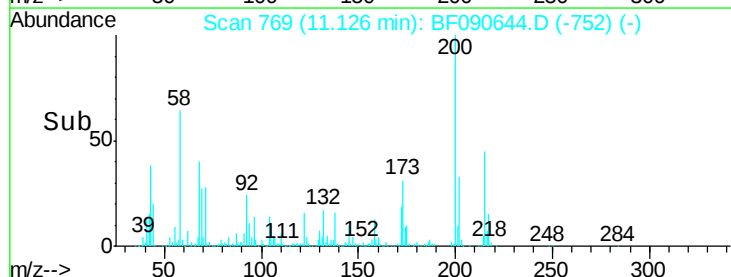
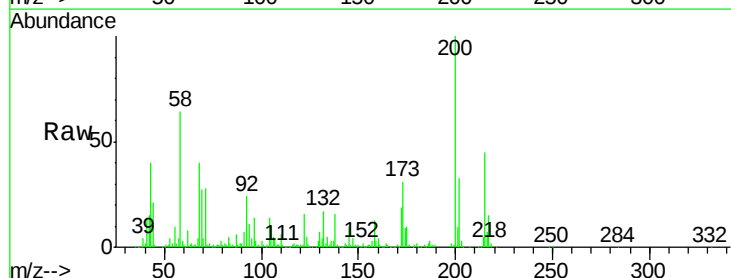
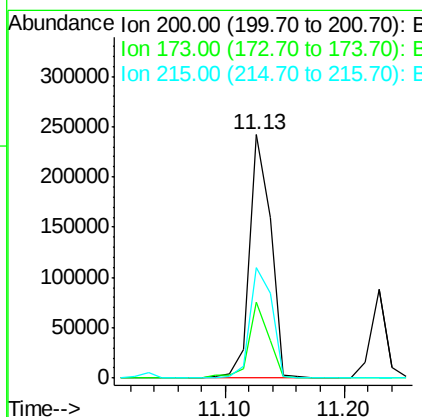
Manual Integrations
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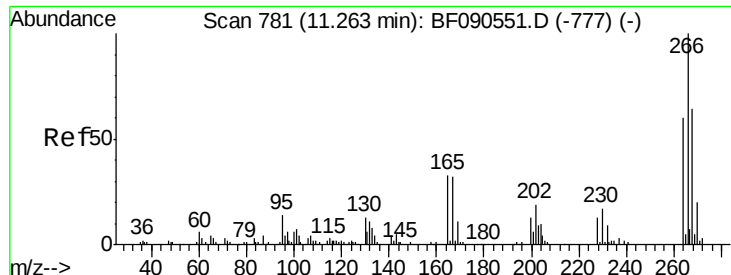
Sohil
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#68
Atrazine
Concen: 33.17 ng
RT: 11.13 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	302897		
173	31.4		12.0	52.0
215	45.5		25.2	65.2





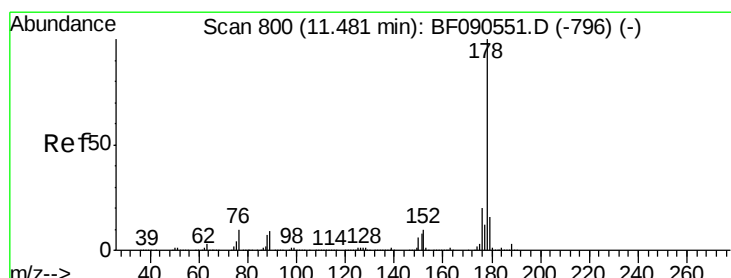
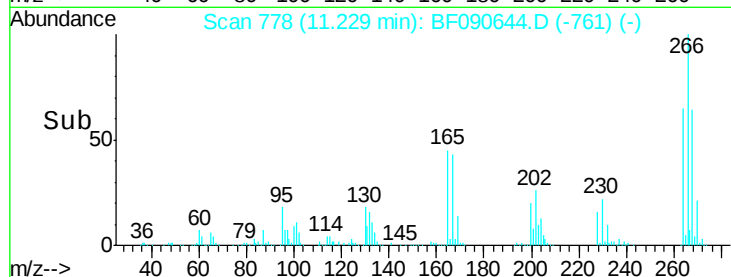
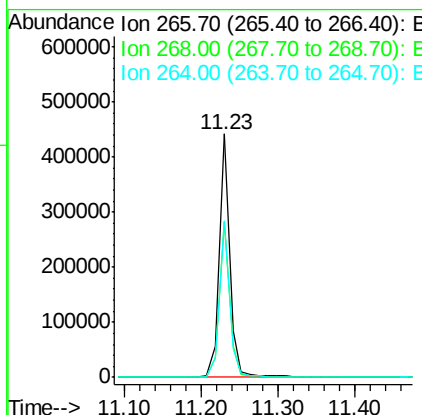
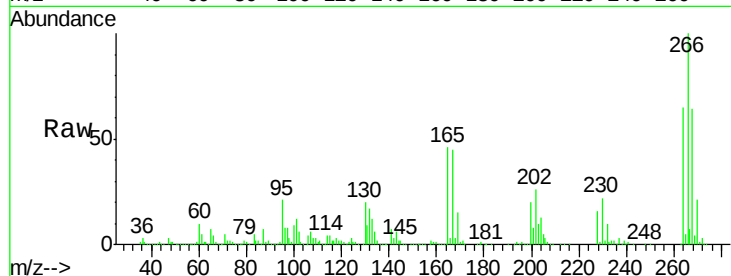
#69
 Pentachlorophenol
 Concen: 73.74 ng
 RT: 11.23 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampled :
 PB94156BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.5	77.3
264	64.5	47.9	71.9

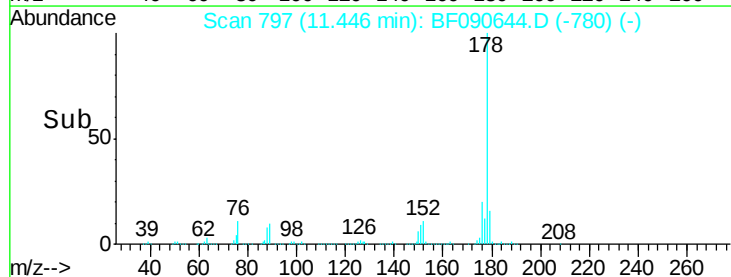
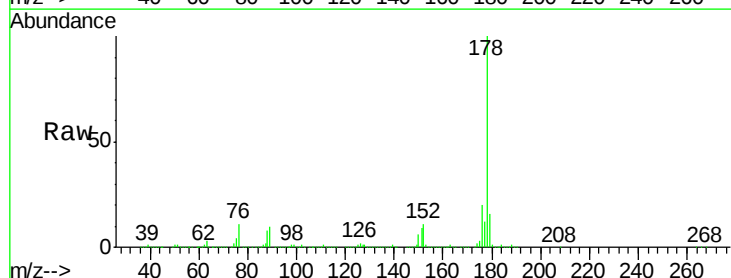
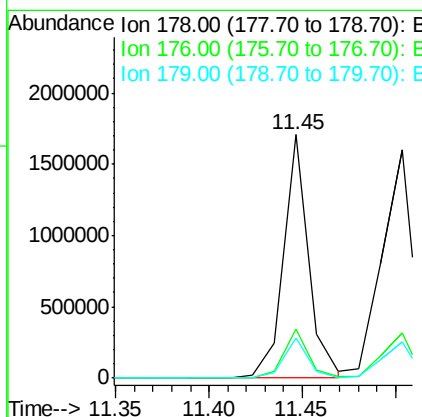
Manual Integrations
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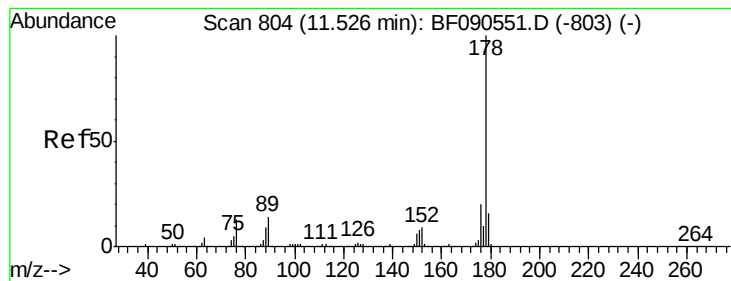
Sohil
 10/20/2016 10:36:44 AM



#70
 Phenanthrene
 Concen: 29.91 ng
 RT: 11.45 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.1	24.1
179	16.2	12.6	19.0





#71
 Anthracene
 Concen: 32.62 ng
 RT: 11.50 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

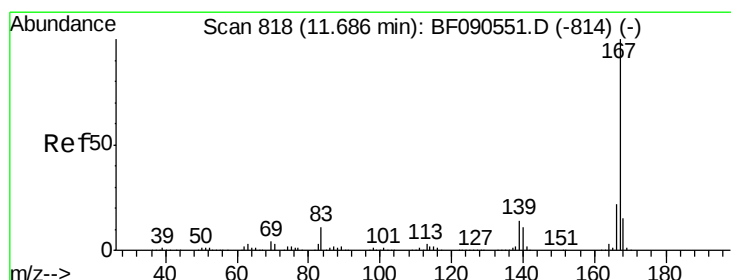
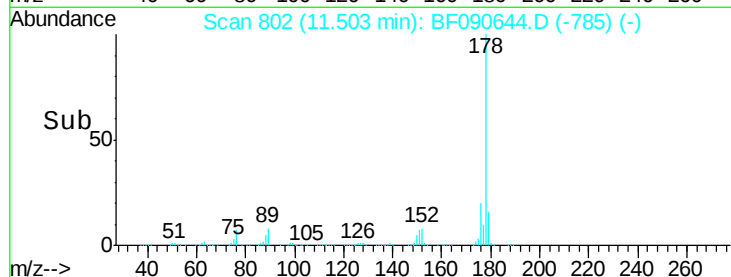
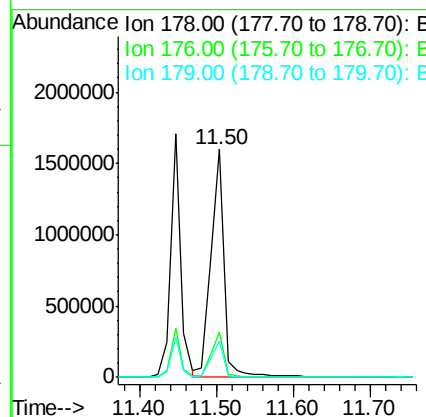
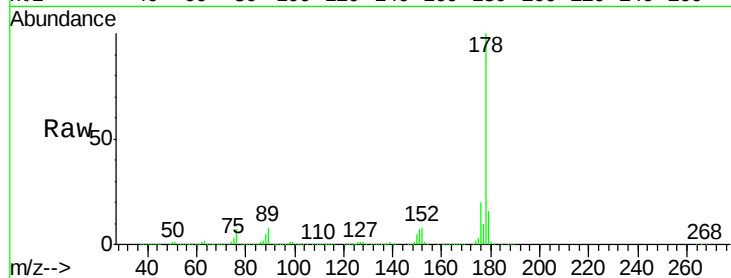
Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion:178 Resp: 1873264

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	16.1	13.0	19.4

Manual Integrations
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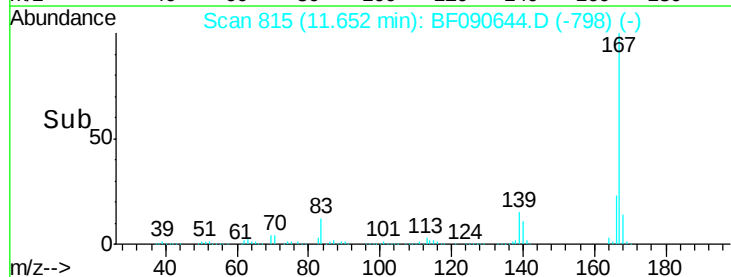
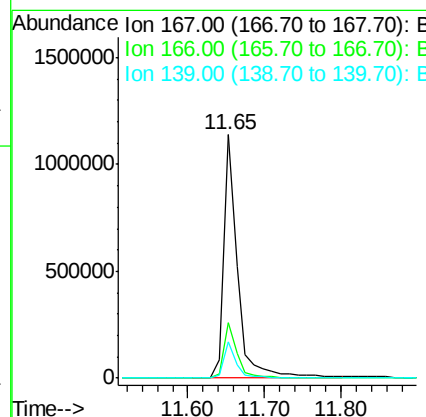
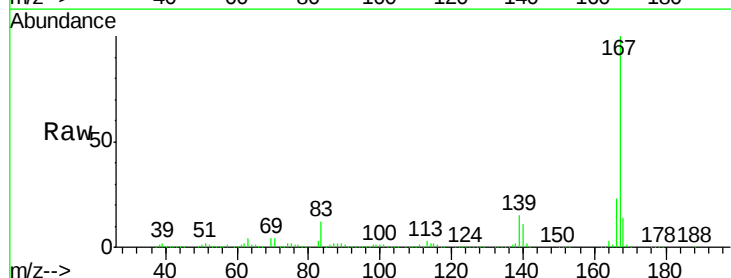
Sohil
 10/20/2016 10:36:44 AM

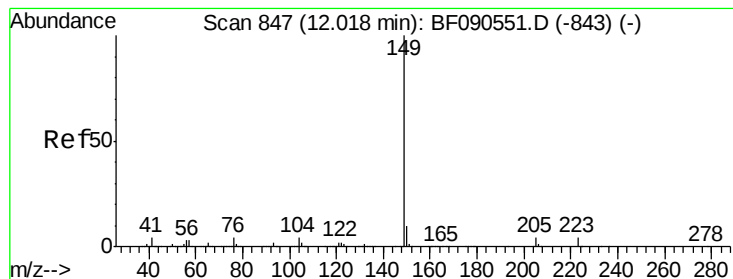


#72
 Carbazole
 Concen: 28.08 ng
 RT: 11.65 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion:167 Resp: 1443472

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.8
139	14.8	11.3	16.9





#73

Di-n-butylphthalate

Concen: 30.73 ng

RT: 11.98 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleID :

PB94156BS

Tot Ion:149 Resp: 1850489

Ion Ratio Lower Upper

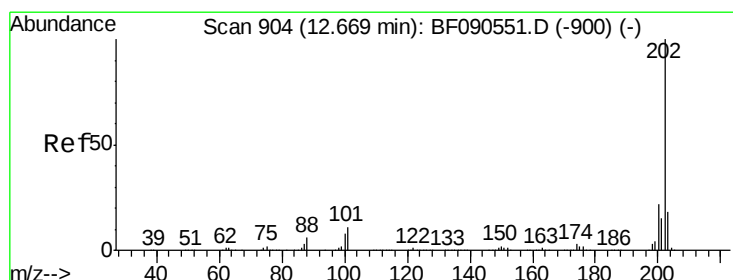
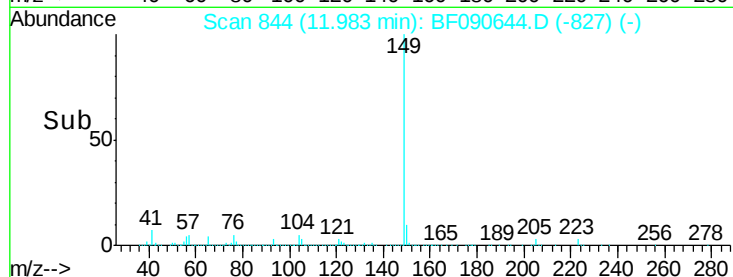
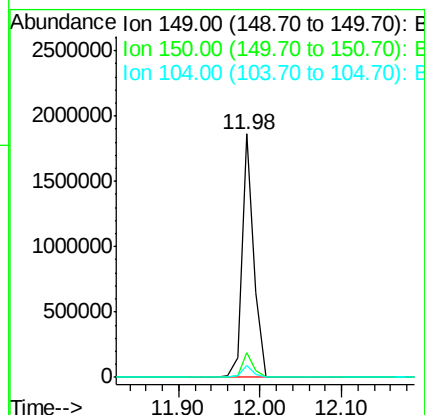
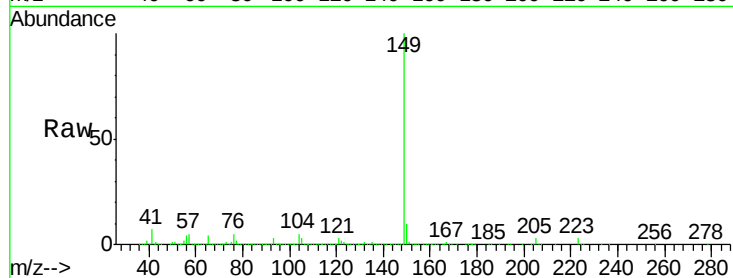
149 100

150 10.1 7.8 11.6

104 5.1 3.3 4.9#

Manual Integrations
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#74

Fluoranthene

Concen: 31.95 ng

RT: 12.64 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

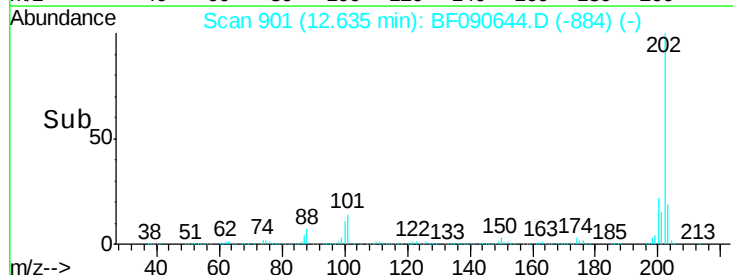
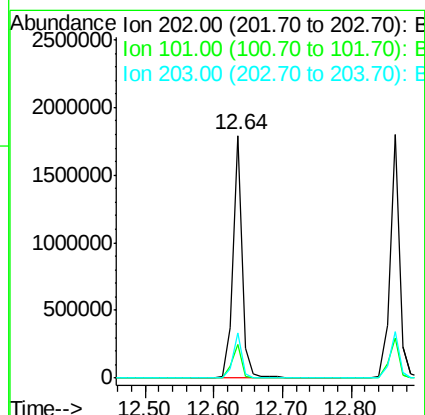
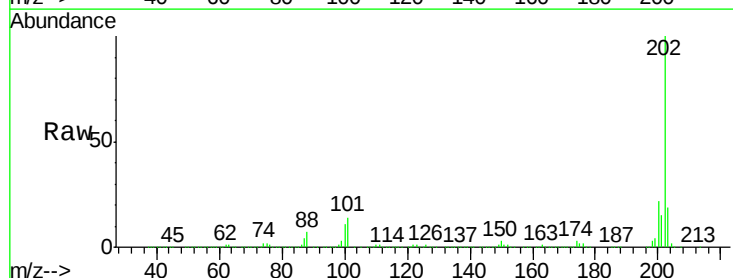
Tgt Ion:202 Resp: 1714520

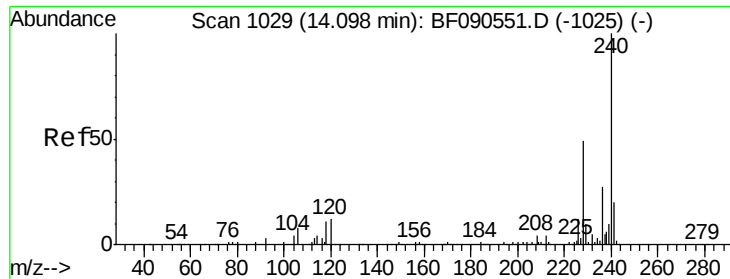
Ion Ratio Lower Upper

202 100

101 14.0 0.0 31.1

203 18.6 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

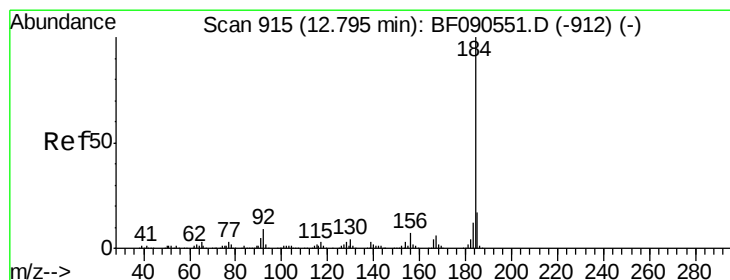
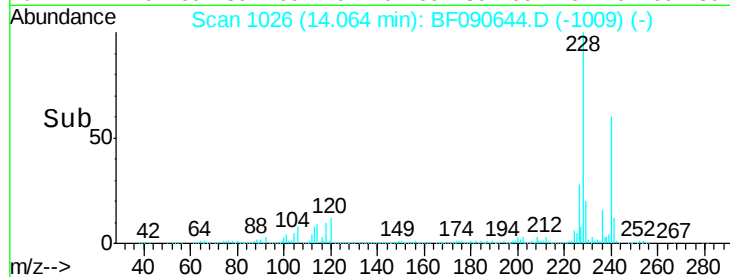
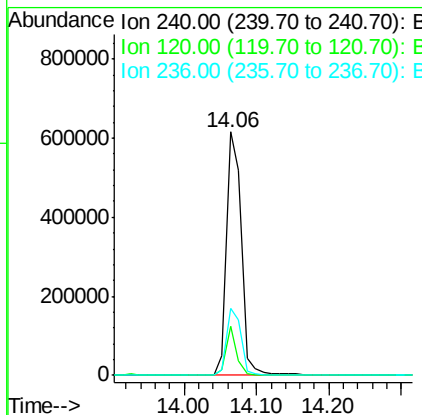
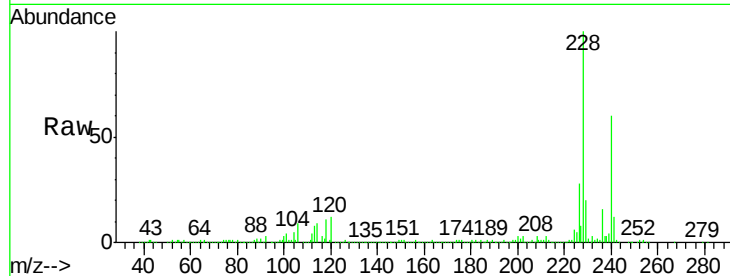
ClientSampleId :

PB94156BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	877431		
120	19.9	9.8	14.8#	
236	27.3	21.7	32.5	

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#76

Benzidine

Concen: 8.33 ng m

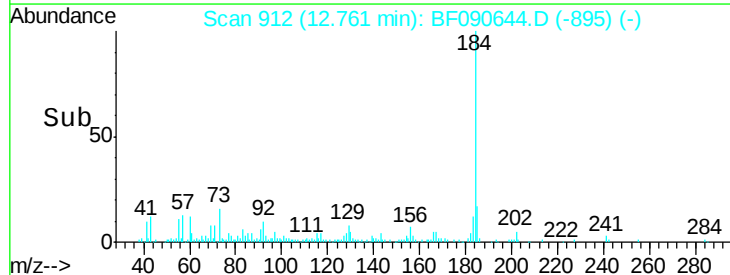
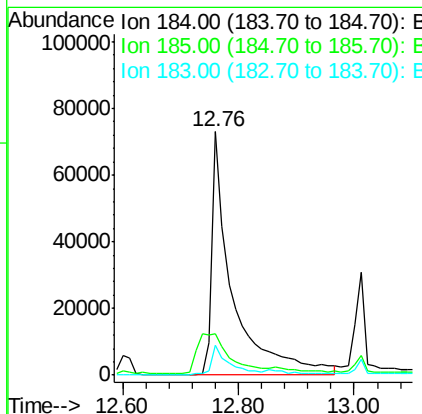
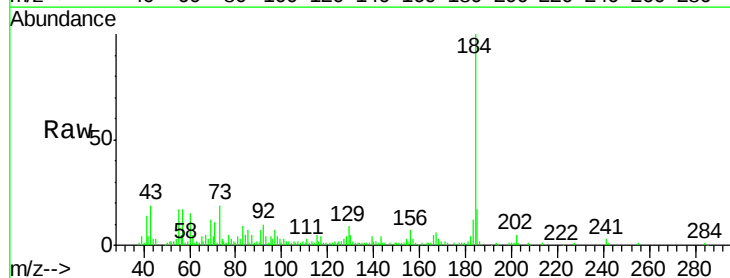
RT: 12.76 min Scan# 912

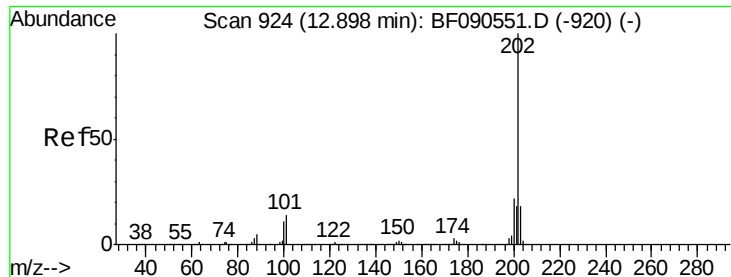
Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	181816		
185	17.1	13.4	20.0	
183	12.1	9.4	14.0	





#77

Pvrene

Concen: 29.41 ng

RT: 12.86 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

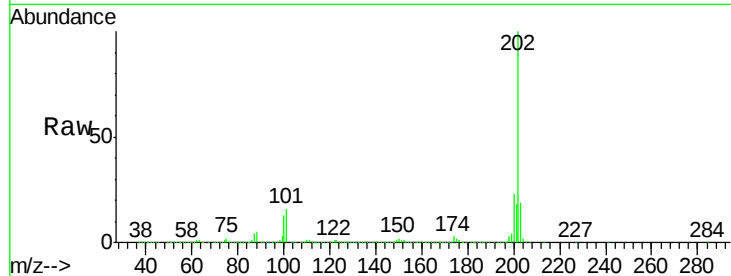
ClientSampleId :

PB94156BS

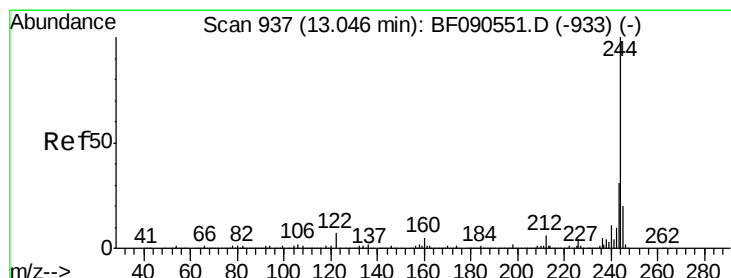
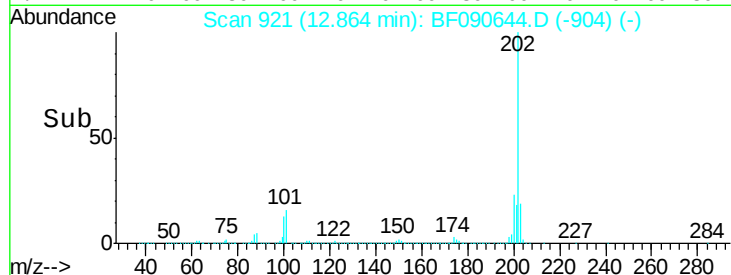
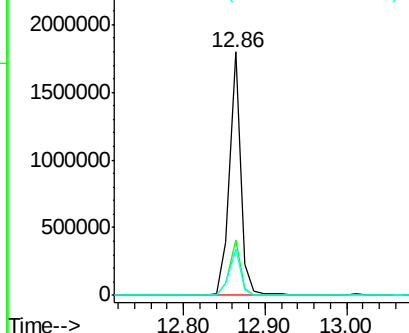
Tot Ion:	202	Resp:	1709087
Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.8	26.6
203	18.9	14.6	21.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.91 ng

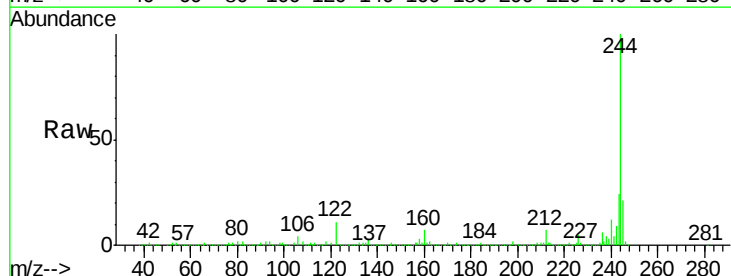
RT: 13.01 min Scan# 934

Delta R.T. -0.00 min

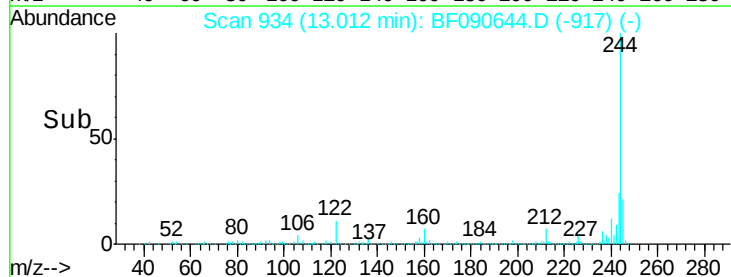
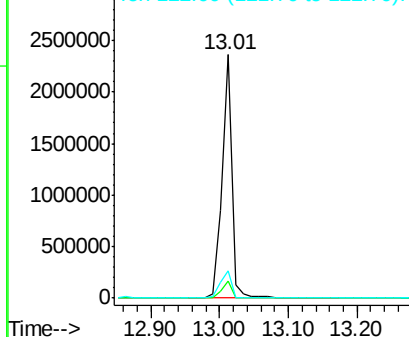
Lab File: BF090644.D

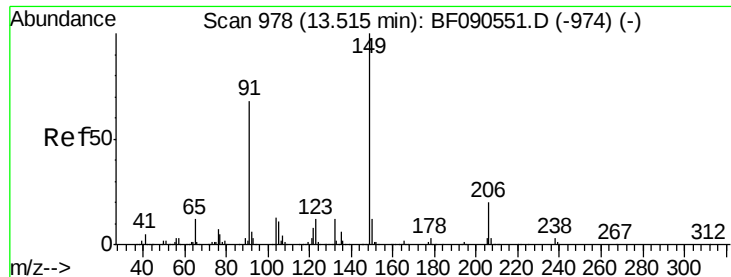
Acq: 19 Oct 2016 13:41

Tgt Ion:	244	Resp:	2408209
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.0	7.4
122	11.1	5.6	8.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





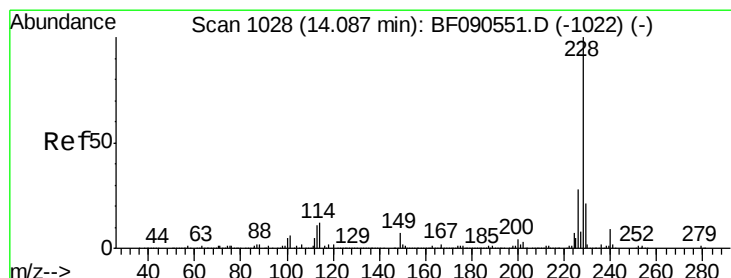
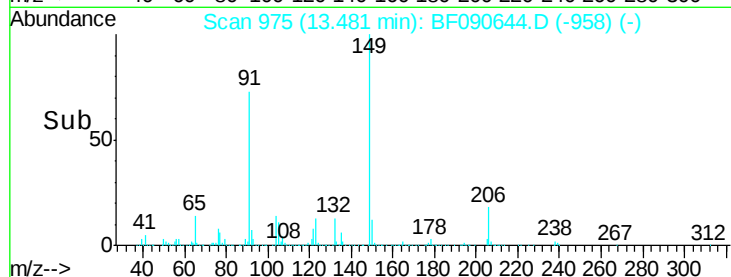
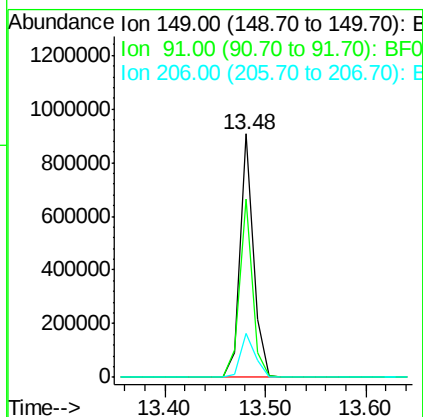
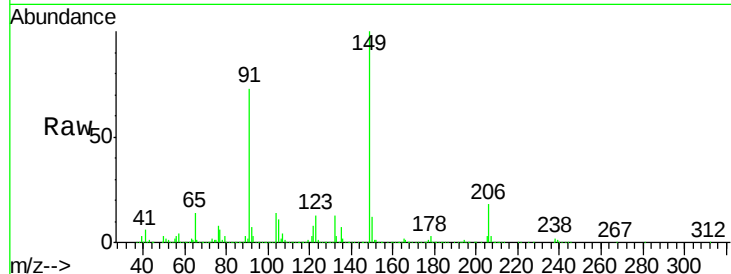
#79
Butylbenzylphthalate
Concen: 32.65 ng
RT: 13.48 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.2	54.3	81.5
206	18.0	15.8	23.6

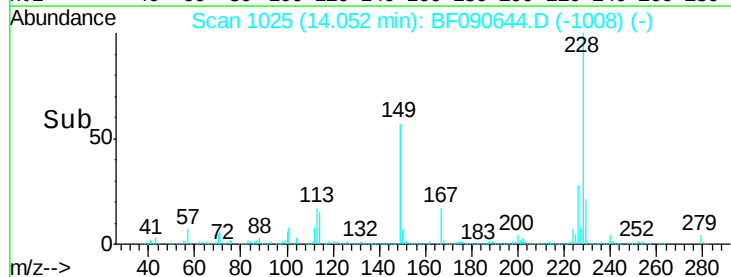
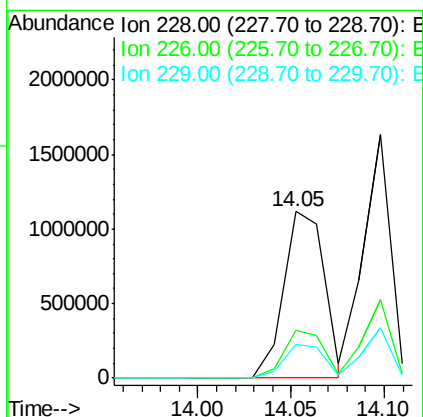
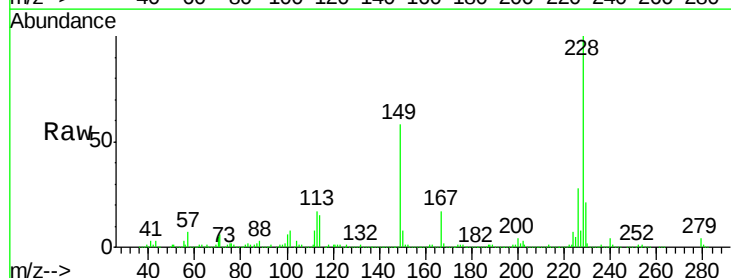
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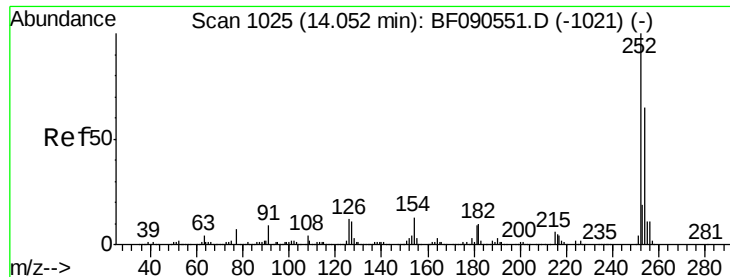
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#80
Benzo(a)anthracene
Concen: 33.92 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.8	34.2
229	20.6	16.6	25.0





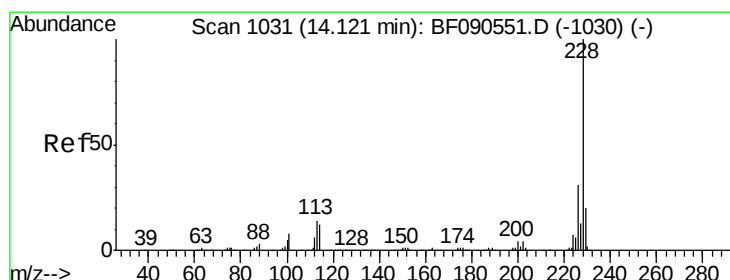
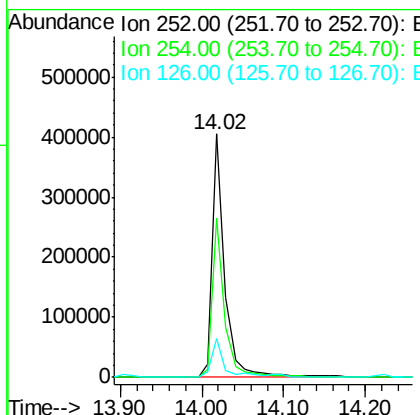
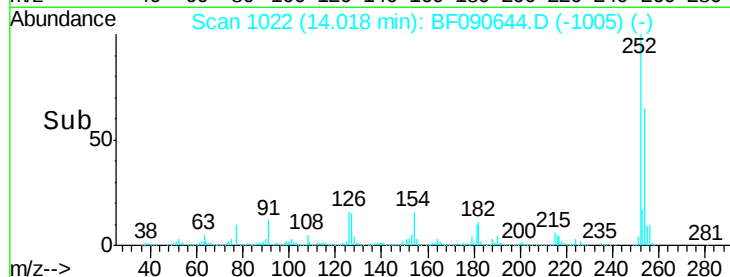
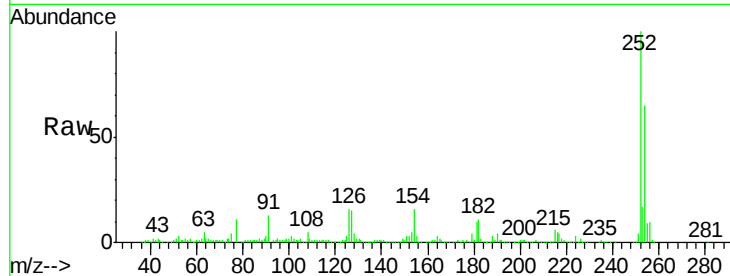
#81
 3,3'-Dichlorobenzidine
 Concen: 25.86 ng
 RT: 14.02 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampled :
 PB94156BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	16.0	9.3	13.9

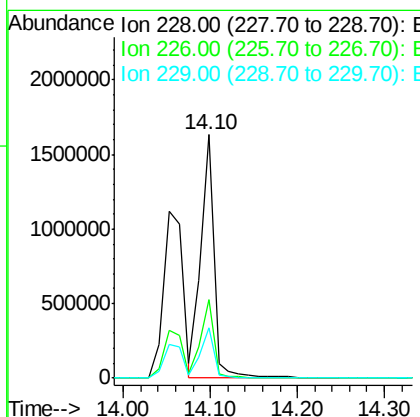
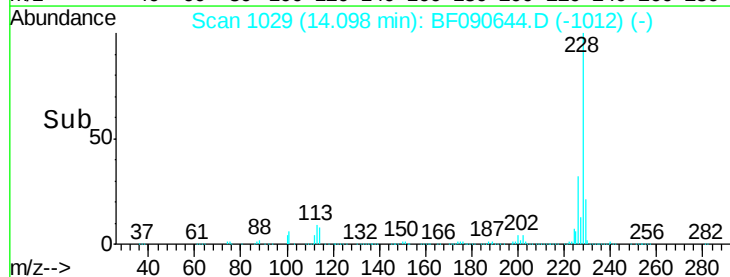
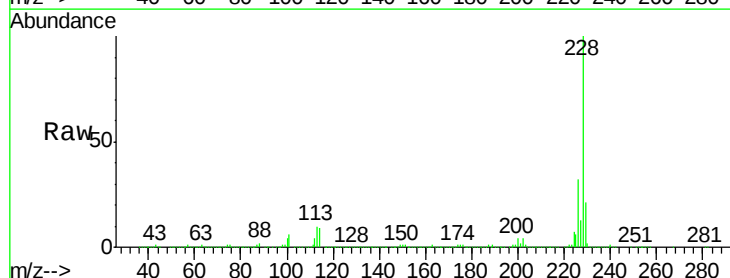
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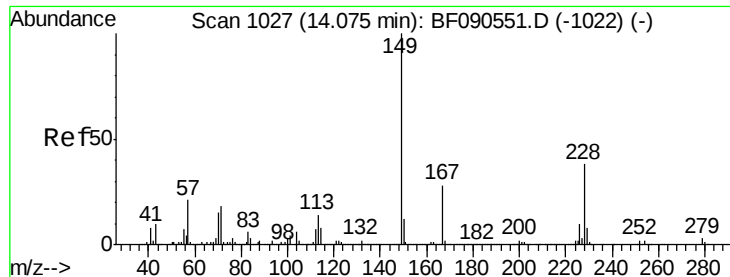
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#82
 Chrysene
 Concen: 35.76 ng
 RT: 14.10 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.8	37.2
229	20.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.65 ng

RT: 14.04 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

PB94156BS

Tot Ion:149 Resp: 1342458

Ion Ratio Lower Upper

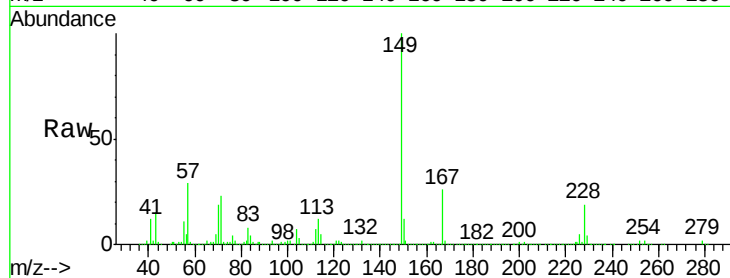
149 100

167 25.8 22.1 33.1

279 2.0 2.6 4.0#

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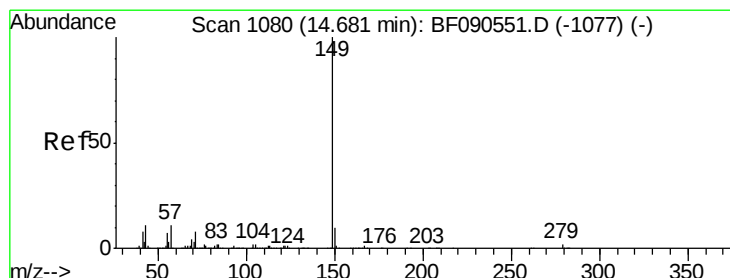
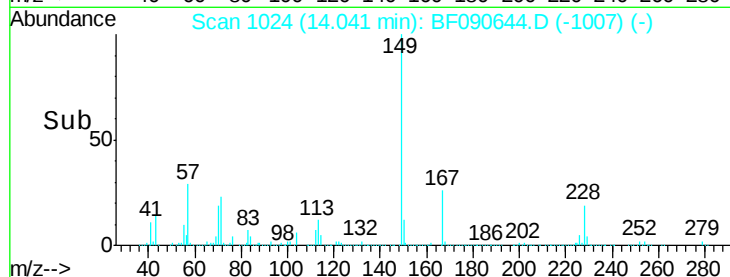
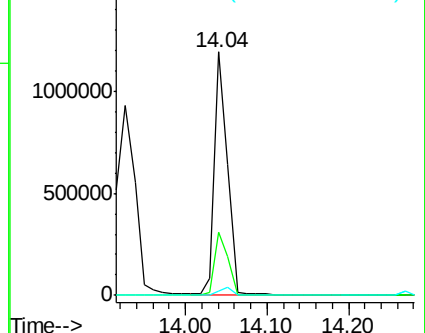
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.24 ng

RT: 14.66 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF090644.D

Acq: 19 Oct 2016 13:41

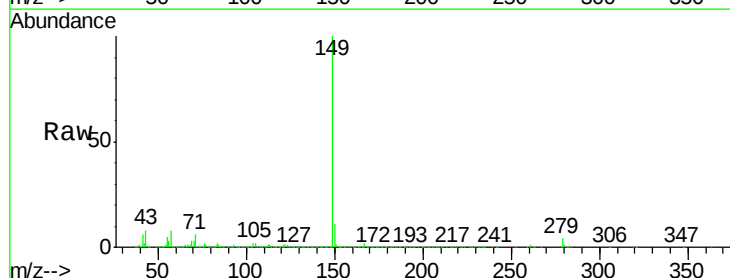
Tgt Ion:149 Resp: 2246924

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

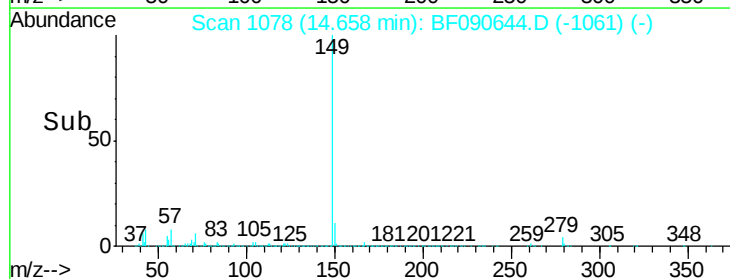
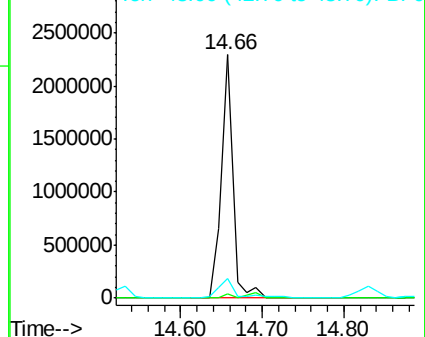
43 9.8 6.7 10.1

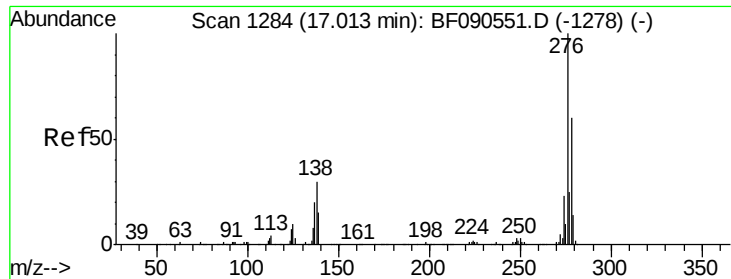


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





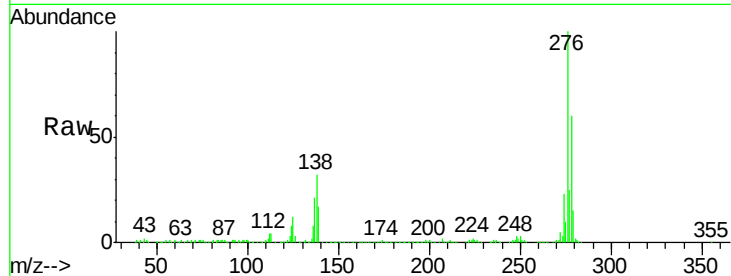
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.75 ng
RT: 16.96 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

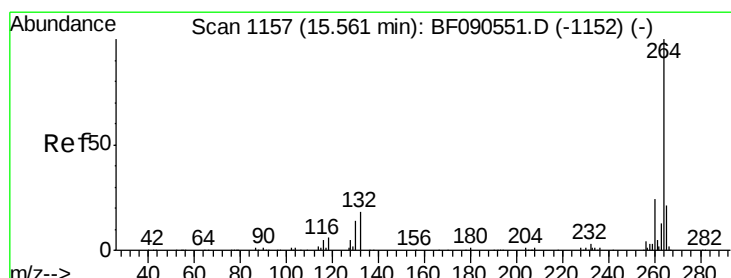
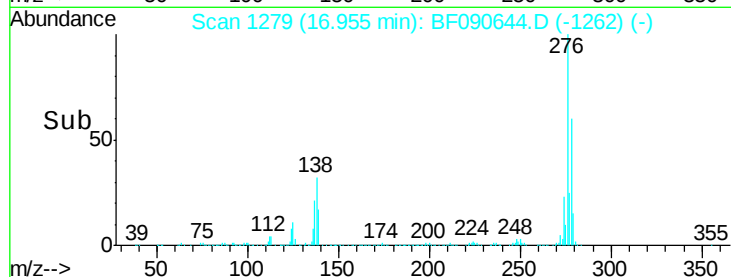
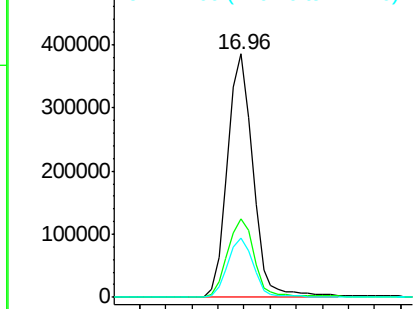
Tot Ion:276 Resp: 1050567
Ion Ratio Lower Upper
276 100
138 34.0 25.8 38.6
277 25.1 20.1 30.1

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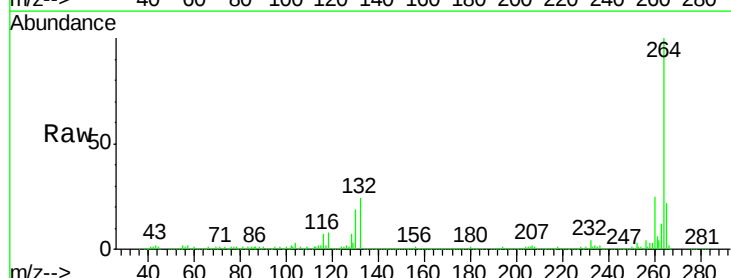


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

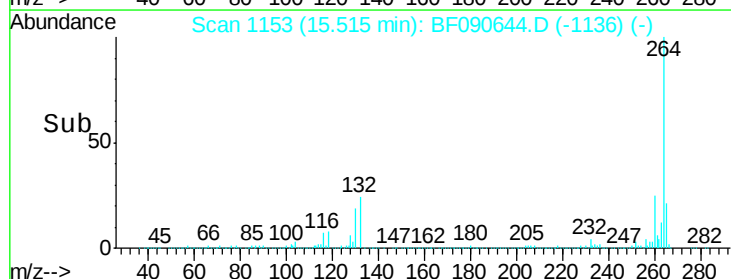
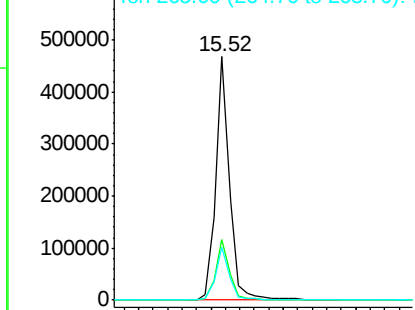


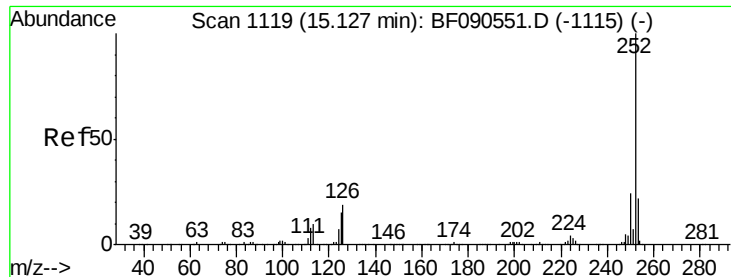
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion:264 Resp: 619213
Ion Ratio Lower Upper
264 100
260 24.9 19.3 28.9
265 21.5 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





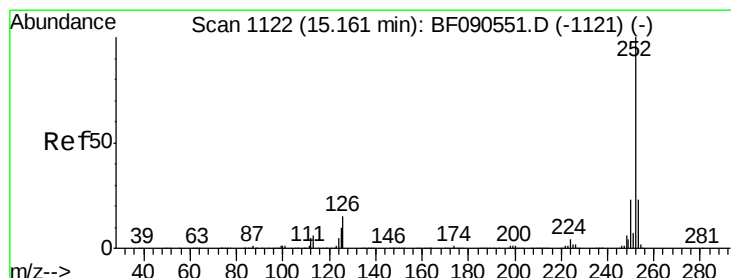
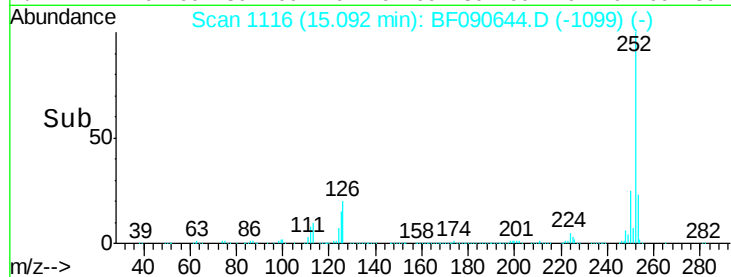
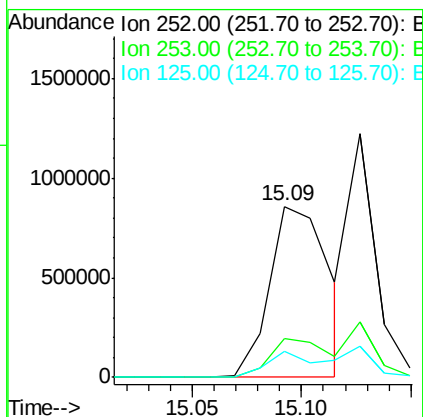
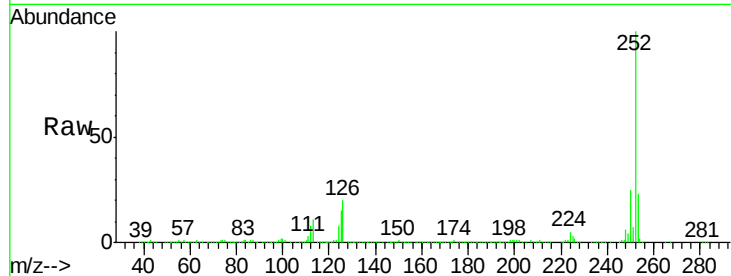
#87
Benzo(b)fluoranthene
Concen: 39.89 ng m
RT: 15.09 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	15.2	12.0	18.0

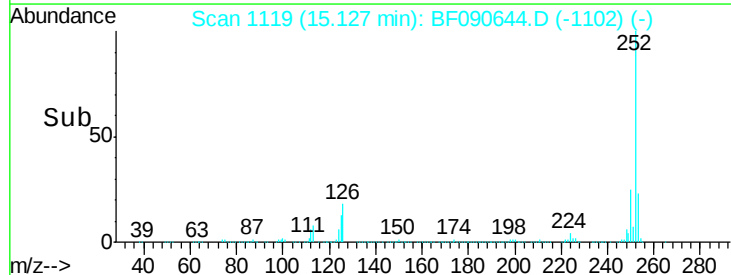
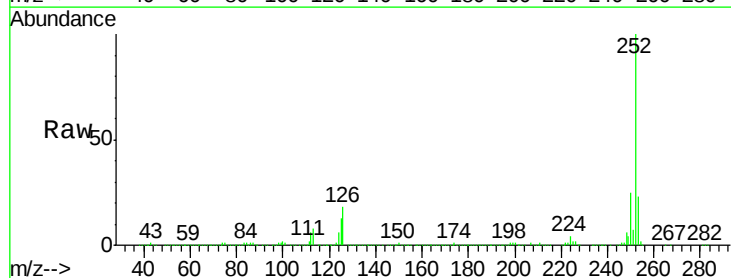
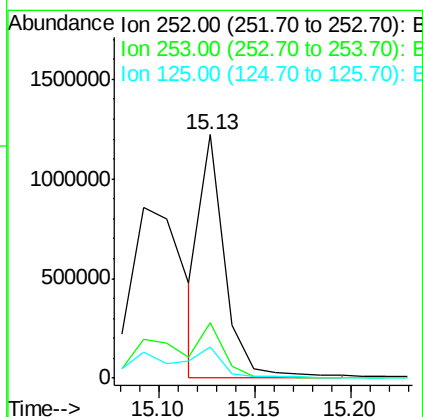
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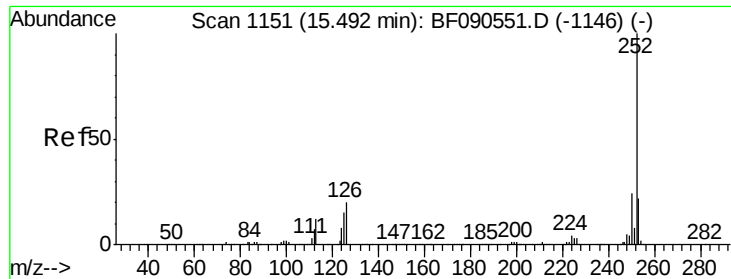
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#88
Benzo(k)fluoranthene
Concen: 25.43 ng m
RT: 15.13 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	13.0	10.0	15.0





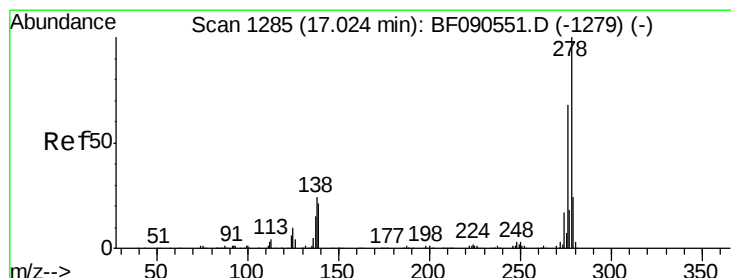
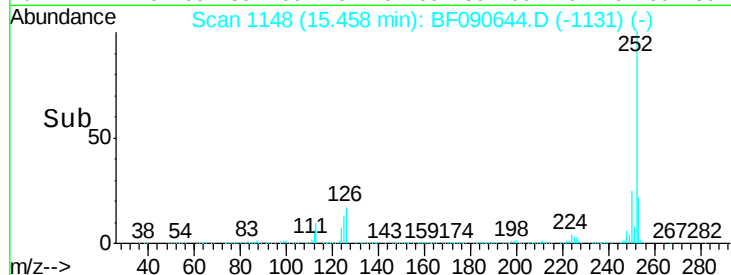
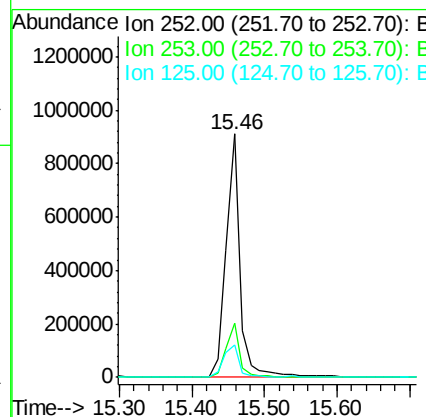
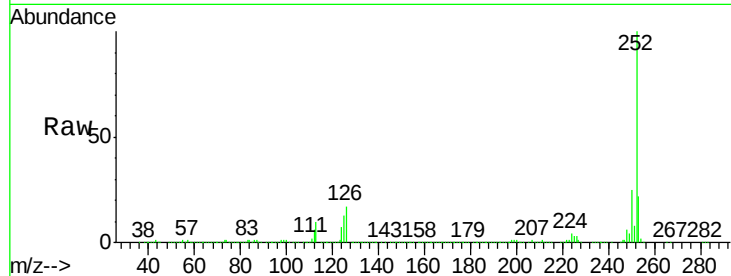
#89
Benzo(a)pyrene
Concen: 32.45 ng
RT: 15.46 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.1	12.3	18.5

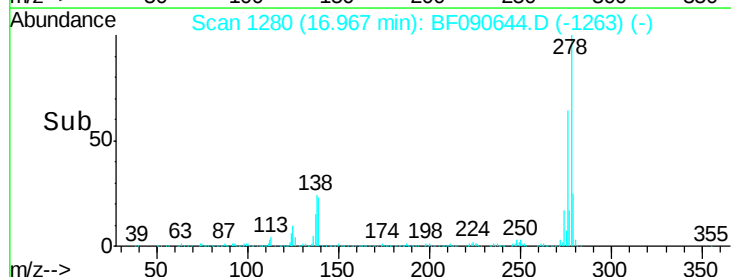
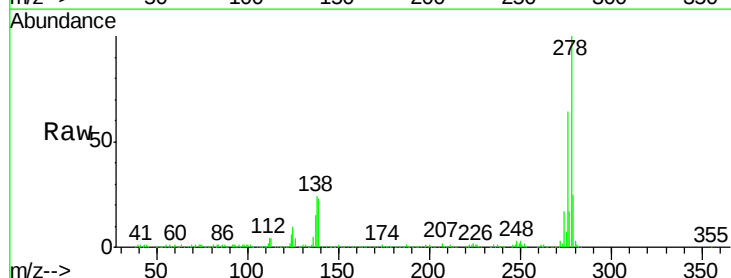
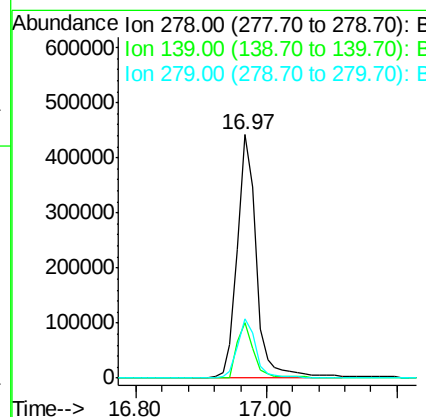
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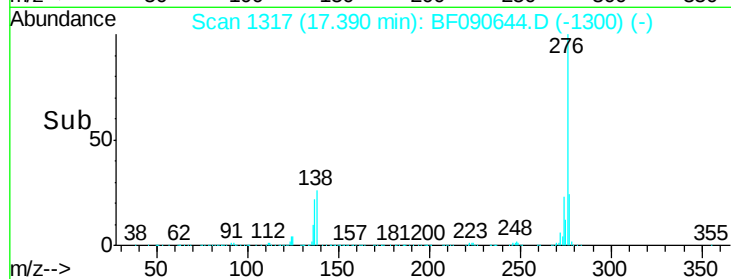
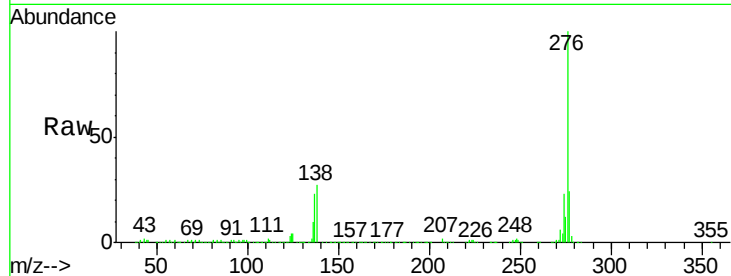
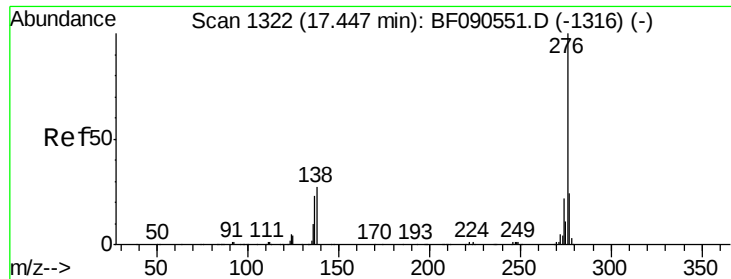
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 31.63 ng
RT: 16.97 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF090644.D
Acq: 19 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	16.6	25.0
279	24.5	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 30.83 ng
 RT: 17.39 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF090644.D
 Acq: 19 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94156BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	26.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/20/2016 10:36:44 AM

