

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091852.D
 Acq On : 21 Dec 2016 23:51
 Operator : UM/SJ
 Sample : PB95527BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95527BS

Manual Integrations
 APPROVED

Sohil
 12/29/2016 12:01:34 PM

Quant Time: Dec 22 03:41:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	350043	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1481349	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	771684	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	1200744	20.00	ng	0.00
75) Chrysene-d12	13.90	240	840062	20.00	ng	0.00
86) Perylene-d12	15.30	264	770464	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	2324933	110.90	ng	0.02
7) Phenol-d6	6.41	99	3198963	124.98	ng	0.00
23) Nitrobenzene-d5	7.32	82	2231665	83.77	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	672552	105.31	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3239371	86.19	ng	0.00
78) Terphenyl-d14	12.85	244	2540547	73.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	378948	36.72	ng	99
3) Pyridine	3.08	79	1116304	30.99	ng	99
4) n-Nitrosodimethylamine	3.05	42	473633	34.86	ng	96
6) Aniline	6.42	93	339629	10.22	ng	# 1
8) 2-Chlorophenol	6.53	128	884894	37.11	ng	93
9) Benzaldehyde	6.29	77	124599	6.40	ng	93
10) Phenol	6.42	94	1225874	42.03	ng	# 69
11) bis(2-Chloroethyl)ether	6.49	93	908752	39.16	ng	98
12) 1,3-Dichlorobenzene	6.68	146	943960	37.08	ng	# 89
13) 1,4-Dichlorobenzene	6.76	146	918640	35.45	ng	99
14) 1,2-Dichlorobenzene	6.92	146	906626	40.32	ng	98
15) Benzyl Alcohol	6.90	79	705437	35.47	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1355372	39.22	ng	96
17) 2-Methylphenol	7.02	107	850317	44.34	ng	98
18) Hexachloroethane	7.26	117	399533	41.59	ng	95
19) n-Nitroso-di-n-propylamine	7.17	70	693387	40.72	ng	96
20) 3+4-Methylphenols	7.17	107	1046291	45.74	ng	92
22) Acetophenone	7.16	105	1418003	38.81	ng	# 96
24) Nitrobenzene	7.33	77	1008877	35.56	ng	98
25) Isophorone	7.58	82	2077452	42.27	ng	98
26) 2-Nitrophenol	7.65	139	556488	39.77	ng	97
27) 2,4-Dimethylphenol	7.70	122	944678	40.71	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	1231481	41.32	ng	100
29) 2,4-Dichlorophenol	7.90	162	868666	44.20	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	863700	40.11	ng	# 94
31) Naphthalene	8.05	128	2704806	39.90	ng	100
32) Benzoic acid	7.85	122	668151	38.82	ng	97
33) 4-Chloroaniline	8.11	127	240219	7.86	ng	96
34) Hexachlorobutadiene	8.18	225	454866	40.02	ng	99
35) Caprolactam	8.49	113	290064m	44.92	ng	
36) 4-Chloro-3-methylphenol	8.61	107	969307	42.86	ng	94
37) 2-Methylnaphthalene	8.75	142	1883973	46.35	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	741426	38.03	ng	99
40) Hexachlorocyclopentadiene	8.90	237	715410	82.27	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	553889m	40.62	nq	
43) 2,4,5-Trichlorophenol	9.08	196	562527m	40.09	nq	
45) 1,1'-Biphenyl	9.22	154	2247583	42.54	nq	99
46) 2-Chloronaphthalene	9.24	162	1716704	41.03	nq	99
47) 2-Nitroaniline	9.33	65	529135	35.52	nq	99
48) Acenaphthylene	9.65	152	2635257	40.95	nq	100
49) Dimethylphthalate	9.53	163	2041271	41.36	nq	100
50) 2,6-Dinitrotoluene	9.58	165	504936	46.74	nq	98
51) Acenaphthene	9.82	154	1712310	39.25	nq	99
52) 3-Nitroaniline	9.74	138	175622	13.14	nq	96
53) 2,4-Dinitrophenol	9.86	184	479758	79.82	nq	# 70
54) Dibenzofuran	10.00	168	2223653	37.74	nq	99
55) 4-Nitrophenol	9.93	139	652048	71.83	nq	95
56) 2,4-Dinitrotoluene	9.98	165	516148	38.07	nq	90
57) Fluorene	10.34	166	1779159	41.51	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	441454	39.78	nq	99
59) Diethylphthalate	10.22	149	1883879	39.30	nq	94
60) 4-Chlorophenyl-phenylether	10.33	204	695099	37.03	nq	96
61) 4-Nitroaniline	10.36	138	422379	30.49	nq	95
62) Azobenzene	10.49	77	2173221	41.18	nq	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	341881	47.09	nq	81
65) n-Nitrosodiphenylamine	10.45	169	1588940	44.60	nq	100
66) 4-Bromophenyl-phenylether	10.82	248	517005	41.39	nq	91
67) Hexachlorobenzene	10.89	284	549846	41.18	nq	# 90
68) Atrazine	10.98	200	444069	38.64	nq	98
69) Pentachlorophenol	11.08	266	532098	81.22	nq	99
70) Phenanthrene	11.30	178	2561046	39.33	nq	98
71) Anthracene	11.34	178	2476905	41.91	nq	100
72) Carbazole	11.50	167	2422500	45.32	nq	99
73) Di-n-butylphthalate	11.84	149	2514257	40.33	nq	99
74) Fluoranthene	12.48	202	2311208	40.04	nq	99
76) Benzidine	12.60	184	330407	11.91	nq	98
77) Pyrene	12.70	202	2502575	40.60	nq	99
79) Butylbenzylphthalate	13.33	149	1241417	44.29	nq	85
80) Benzo(a)anthracene	13.89	228	1750504	36.92	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	367088	20.41	nq	# 95
82) Chrysene	13.93	228	1747121	36.73	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1249111	37.84	nq	# 97
84) Di-n-octyl phthalate	14.50	149	2428641	39.71	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1786942	43.37	nq	98
87) Benzo(b)fluoranthene	14.91	252	2161308m	45.06	nq	
88) Benzo(k)fluoranthene	14.93	252	1329940m	32.51	nq	
89) Benzo(a)pyrene	15.24	252	1671897	39.27	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	1434779	41.00	nq	98
91) Benzo(g,h,i)perylene	17.04	276	1520111	41.78	nq	# 93

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

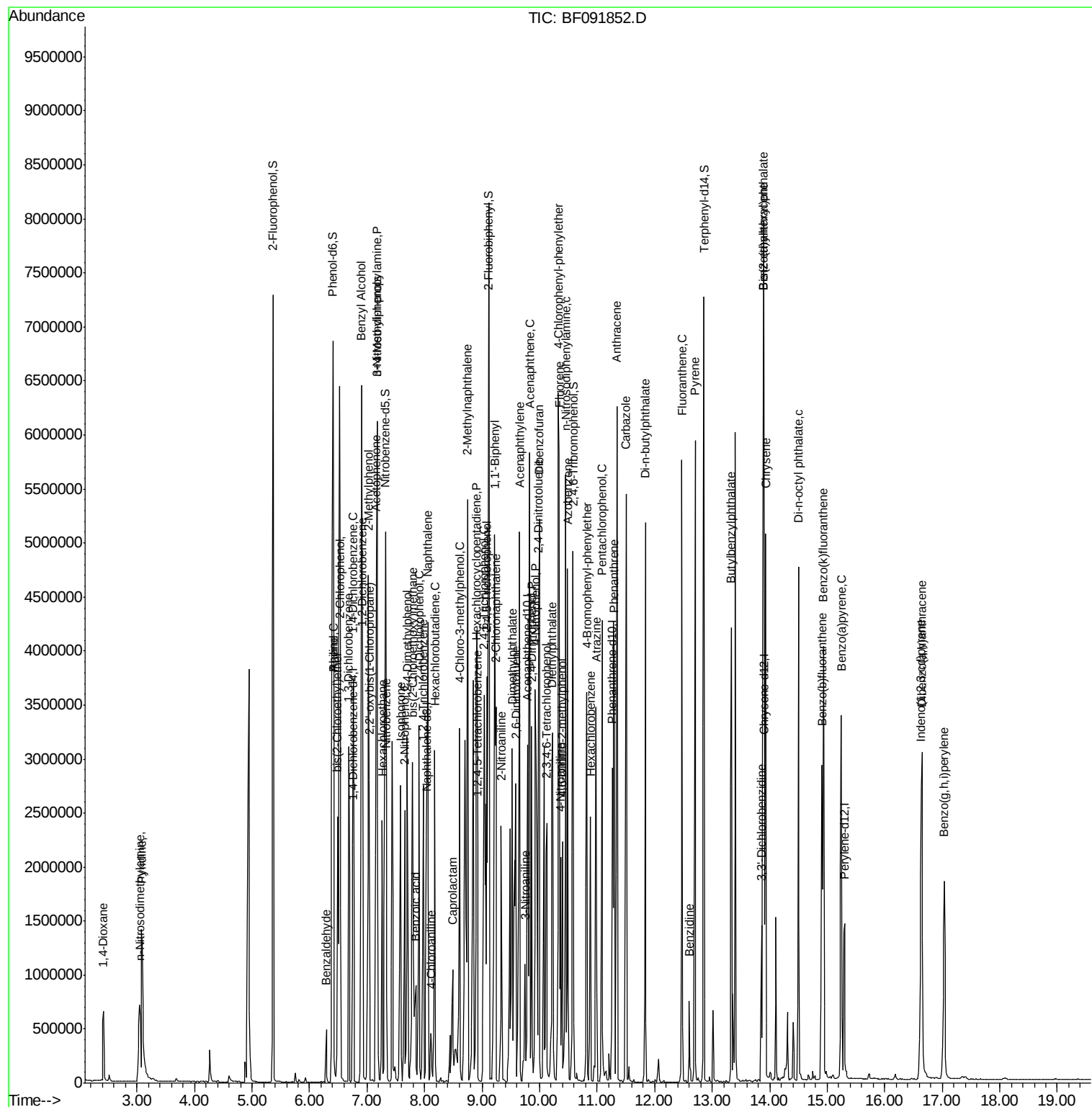
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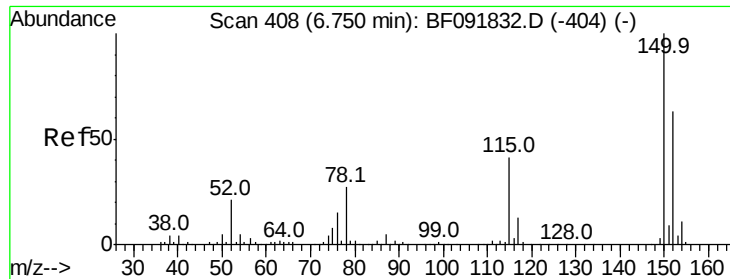
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

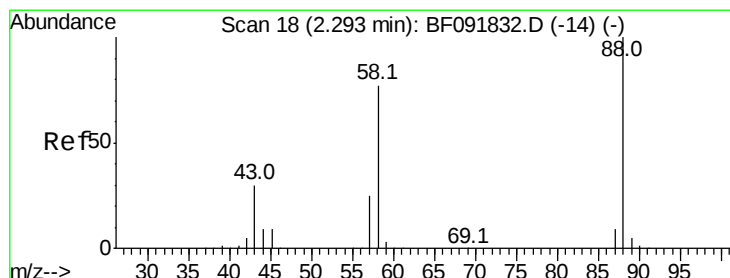
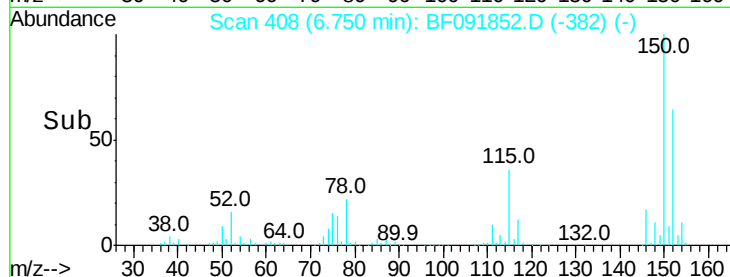
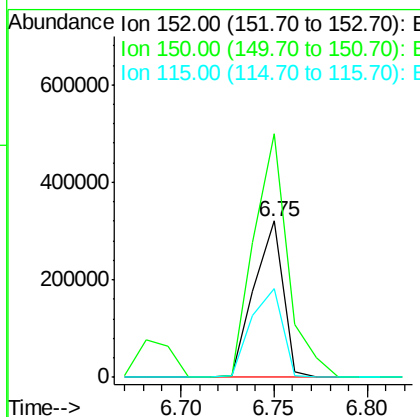
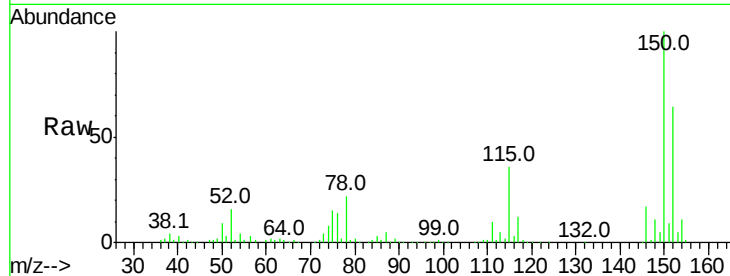
ClientSampleId :

PB95527BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.9	187.3
115	56.8	46.0	69.0

Manual Integrations
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#2

1,4-Dioxane

Concen: 36.72 ng

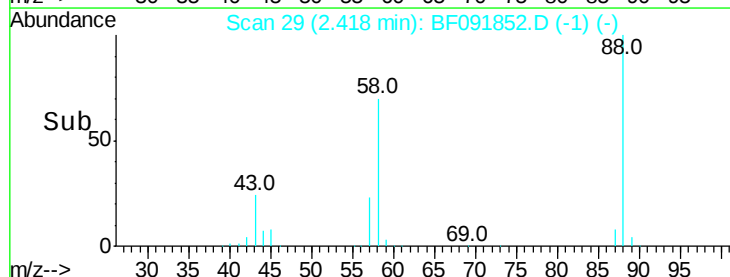
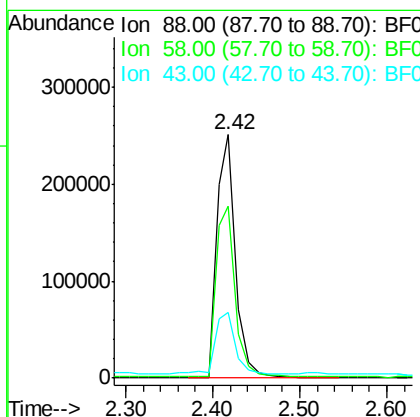
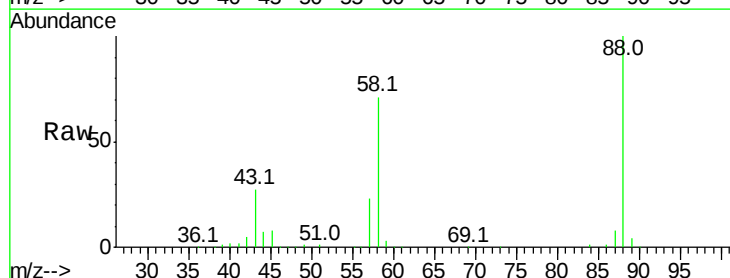
RT: 2.42 min Scan# 29

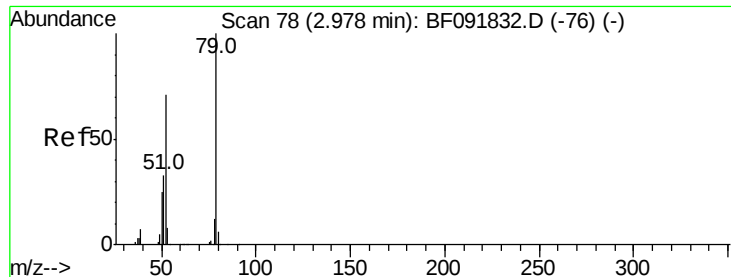
Delta R.T. 0.13 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	57.8	86.8
43	27.2	22.3	33.5





#3

Pvridine

Concen: 30.99 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.10 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

PB95527BS

Tot Ion: 79 Resp: 1116304

Ion Ratio Lower Upper

79 100

52 70.9 57.1 85.7

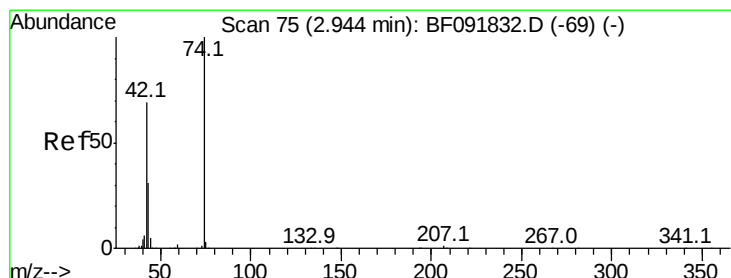
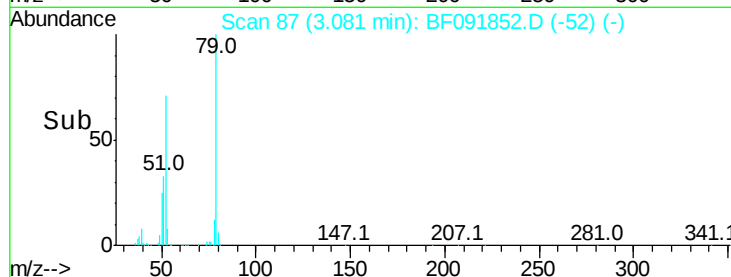
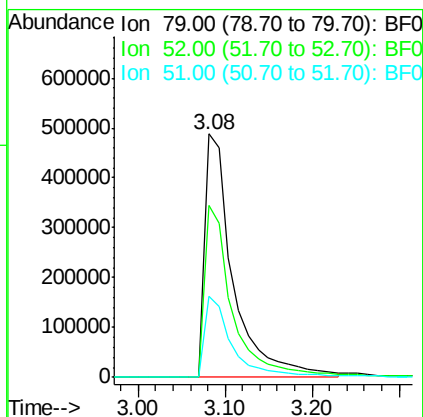
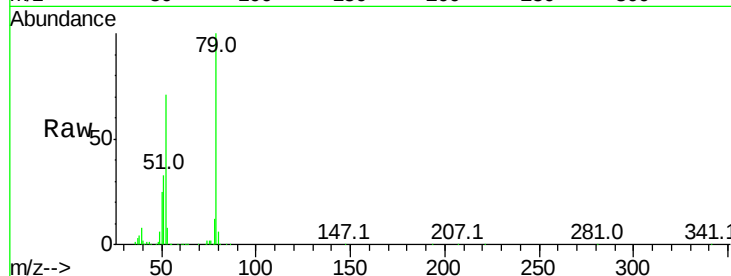
51 33.2 27.3 40.9

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#4

n-Nitrosodimethylamine

Concen: 34.86 ng

RT: 3.05 min Scan# 84

Delta R.T. 0.10 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

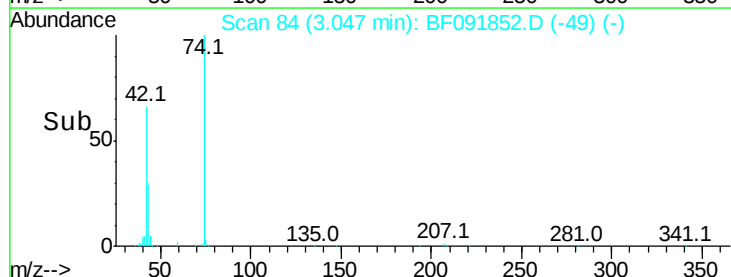
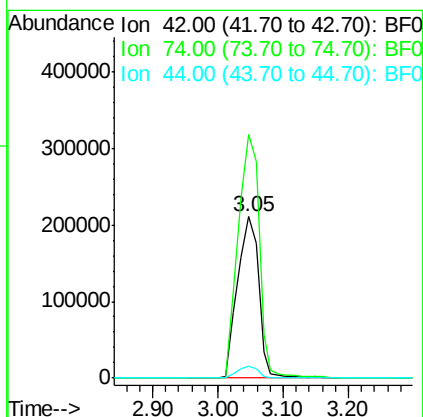
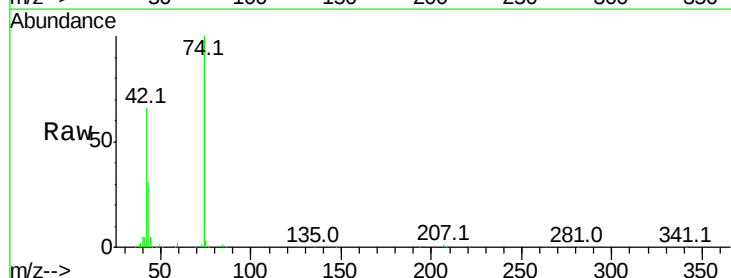
Tgt Ion: 42 Resp: 473633

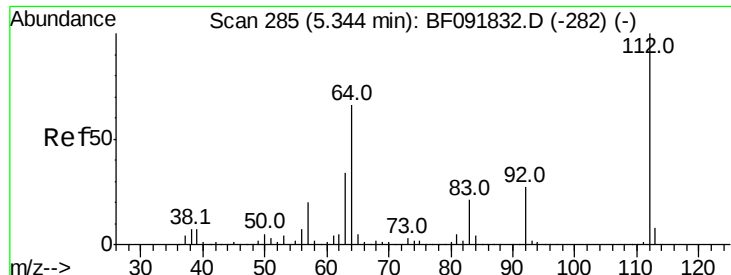
Ion Ratio Lower Upper

42 100

74 151.1 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 110.90 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

PB95527BS

Tot Ion:112 Resp: 2324933

Ion Ratio Lower Upper

112 100

64 62.3 46.1 69.1

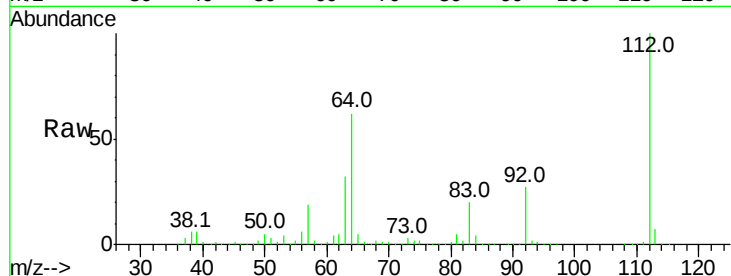
63 32.0 23.8 35.6

Manual Integrations

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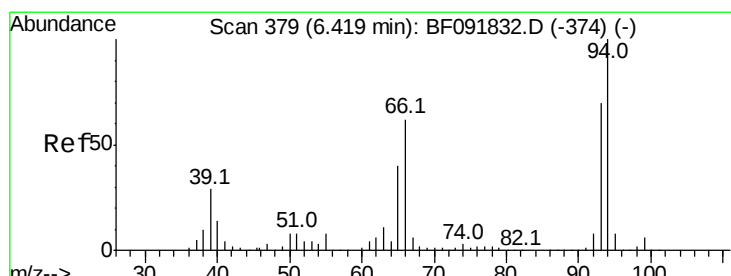
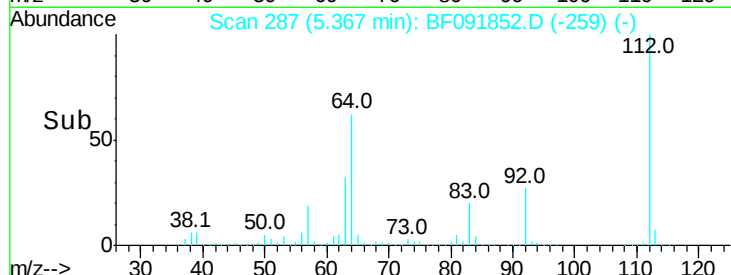
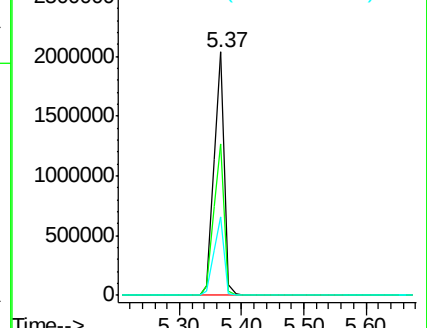
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.22 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

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Acq: 21 Dec 2016 23:51

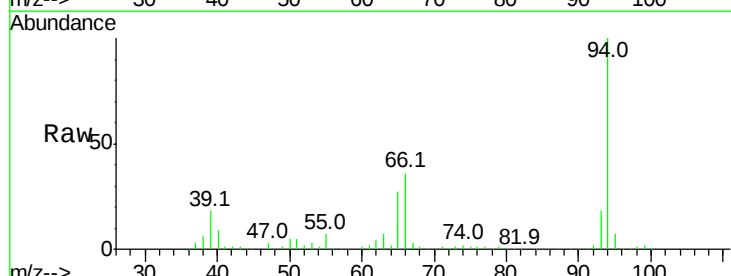
Tgt Ion: 93 Resp: 339629

Ion Ratio Lower Upper

93 100

66 197.4 76.2 114.2#

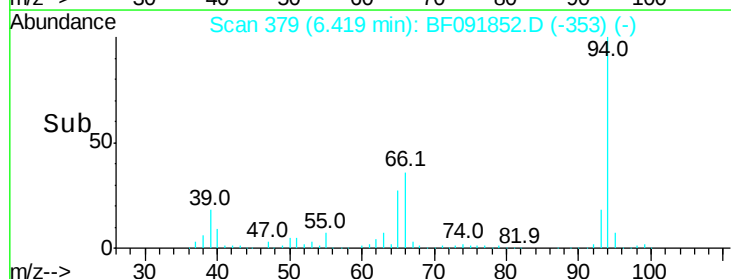
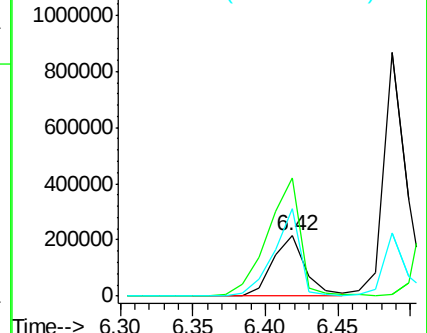
65 146.7 49.3 73.9#

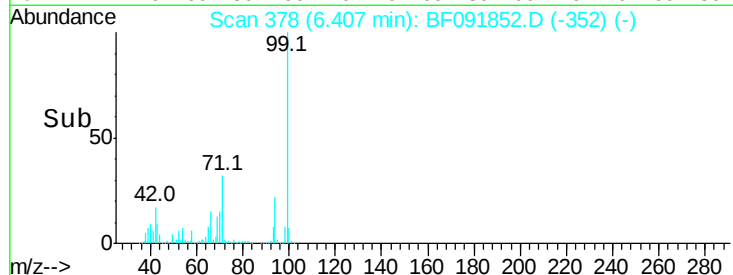
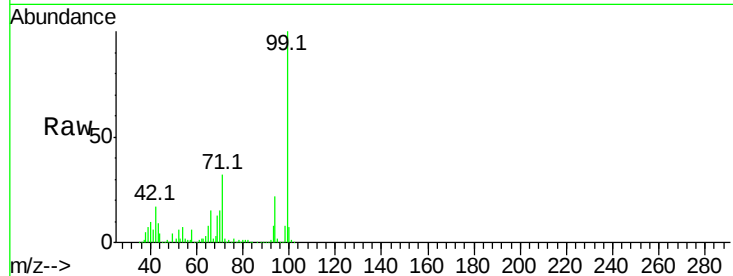
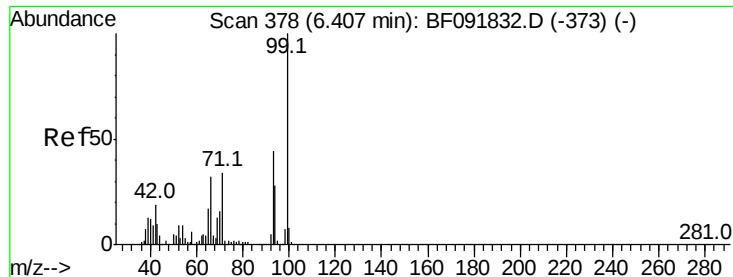


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.98 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tot Ion:	99	Resp:	3198963
Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.6	23.4
71	31.5	27.5	41.3

Instrument :

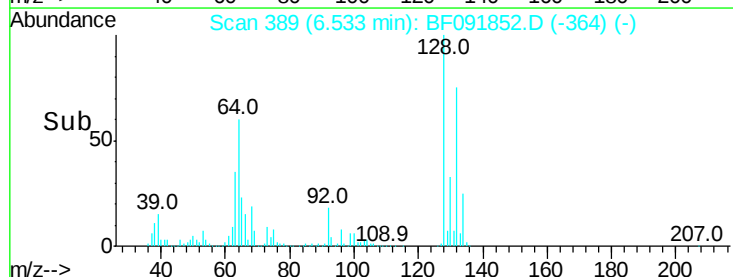
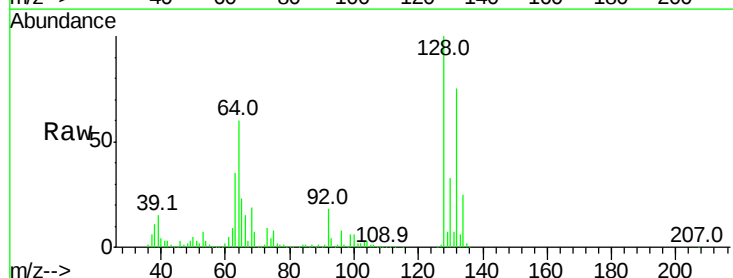
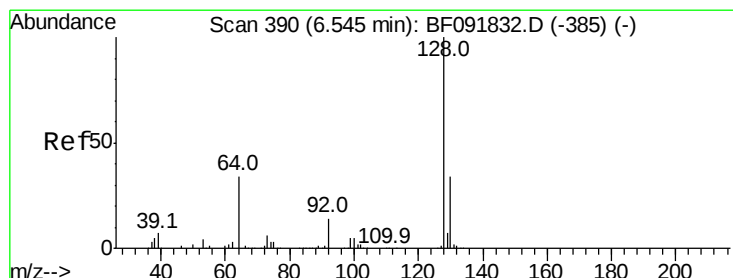
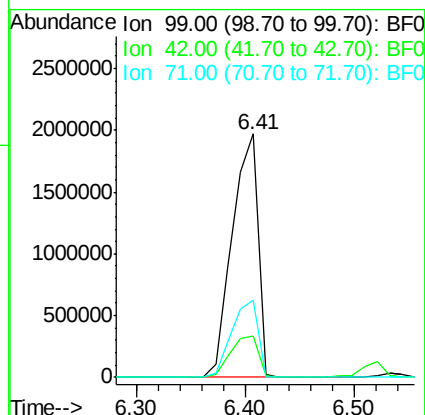
BNA_F

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#8

2-Chlorophenol

Concen: 37.11 ng

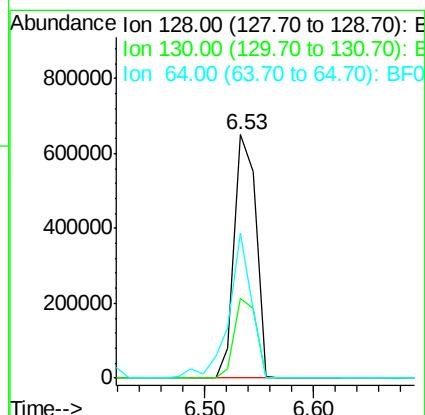
RT: 6.53 min Scan# 389

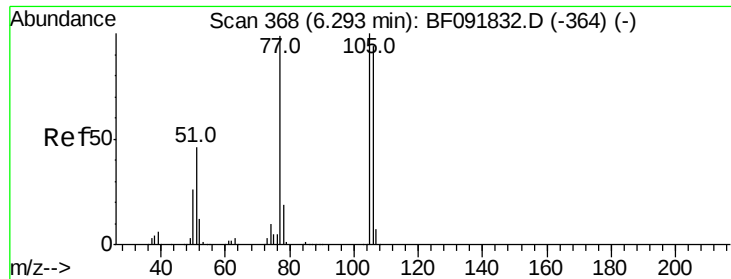
Delta R.T. -0.01 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tgt Ion:	128	Resp:	884894
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	59.6	32.2	72.2





#9

Benzaldehyde

Concen: 6.40 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

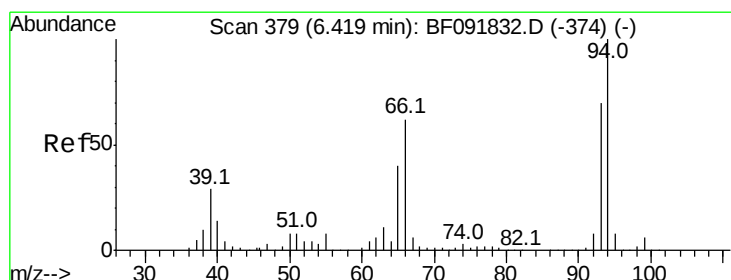
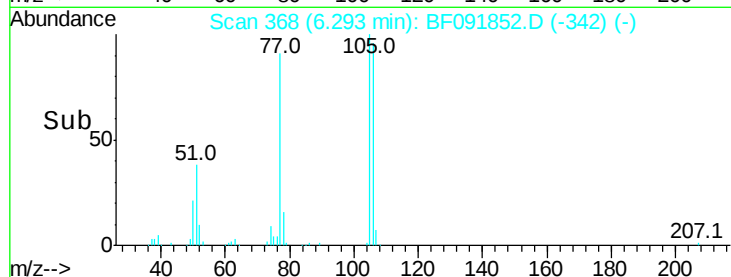
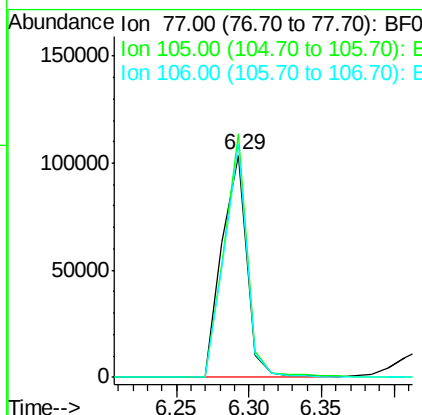
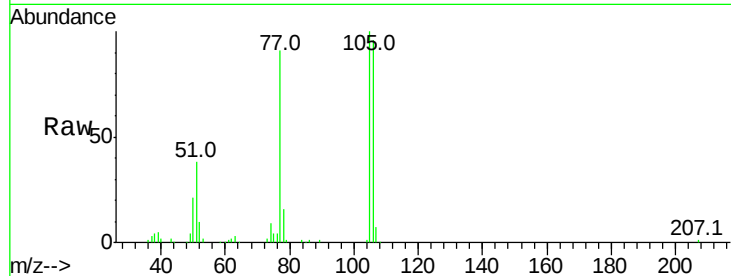
ClientSampleId :

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Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	109.7	83.9	123.9	
106	105.2	77.6	117.6	

Manual Integrations
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#10

Phenol

Concen: 42.03 ng

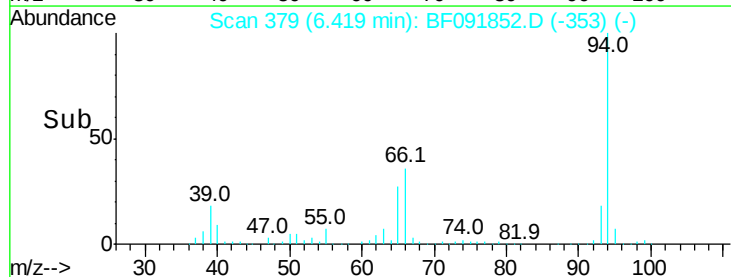
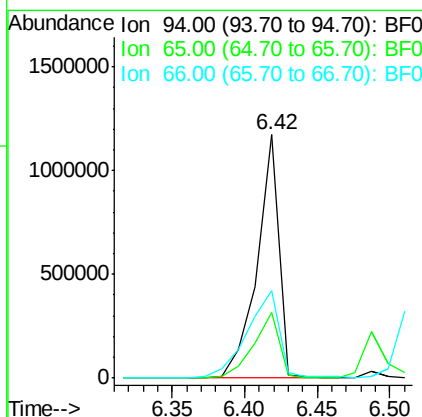
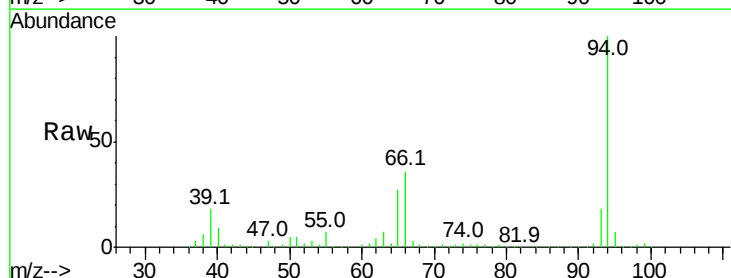
RT: 6.42 min Scan# 379

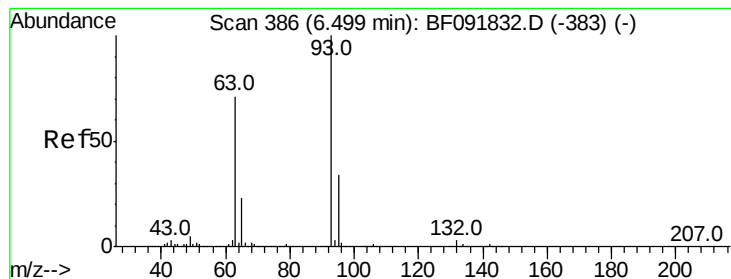
Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	26.7	21.4	61.4	
66	36.0	44.0	84.0	





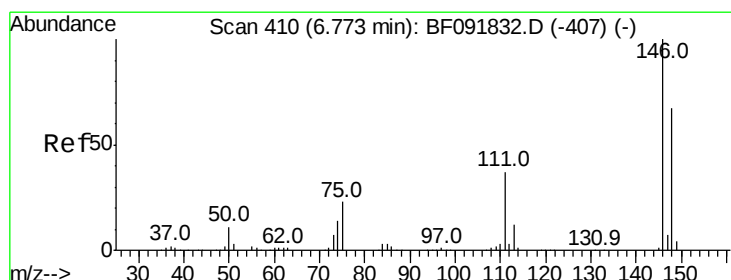
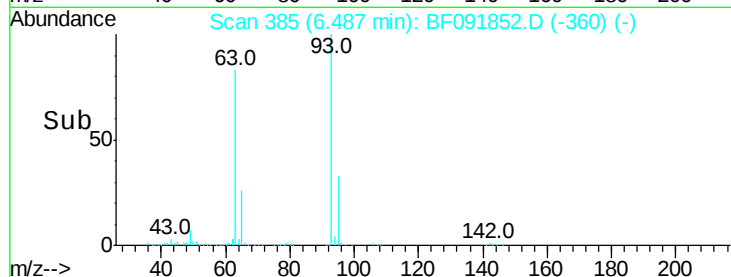
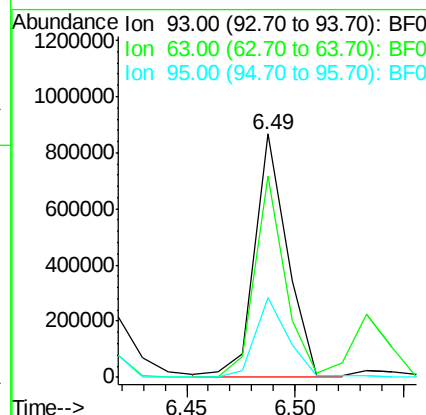
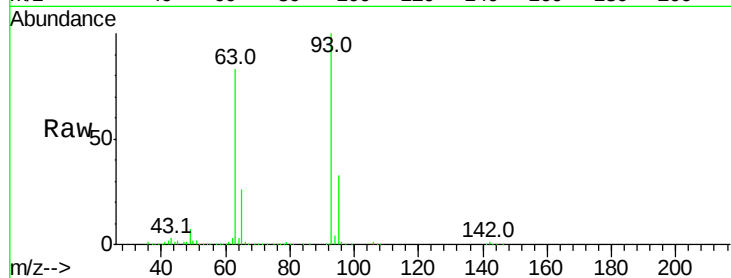
#11
bis(2-Chloroethyl)ether
Concen: 39.16 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	82.9	60.4	100.4	
95	32.7	12.8	52.8	

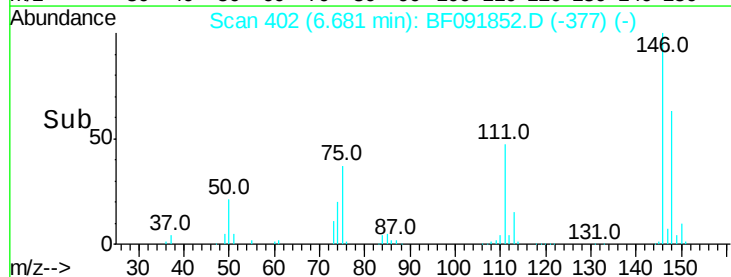
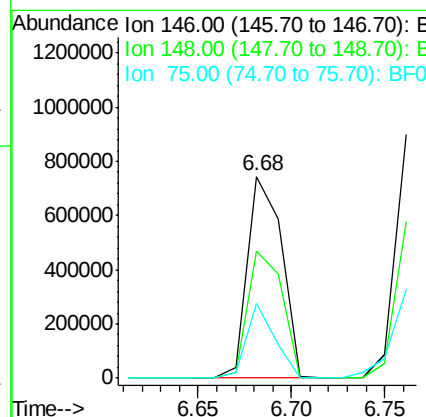
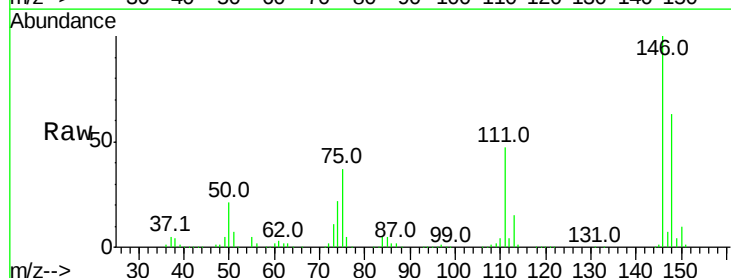
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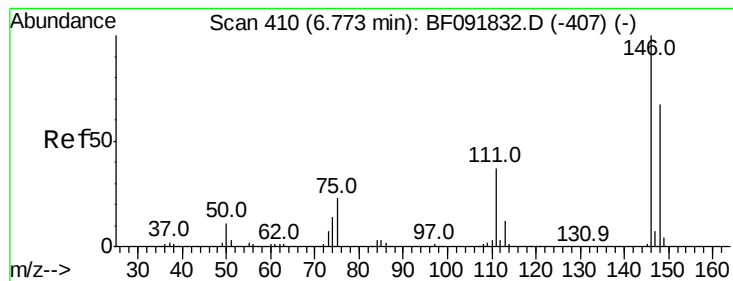
Sohil
12/29/2016 12:01:34 PM



#12
1,3-Dichlorobenzene
Concen: 37.08 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.1	53.4	80.0	
75	37.2	18.5	27.7	





#13

1,4-Dichlorobenzene

Concen: 35.45 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

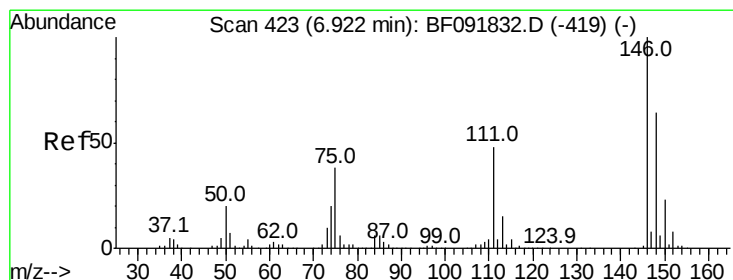
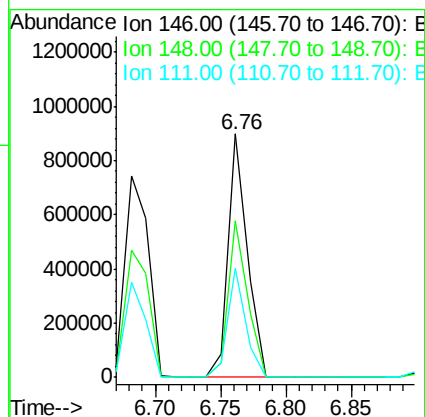
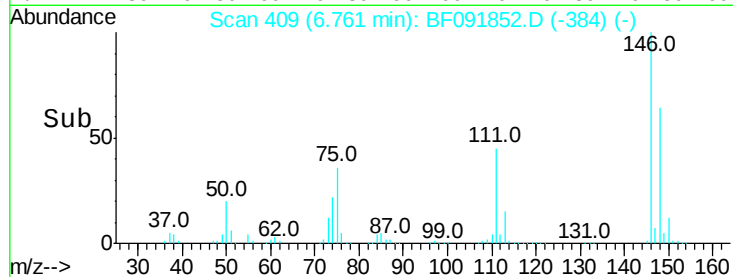
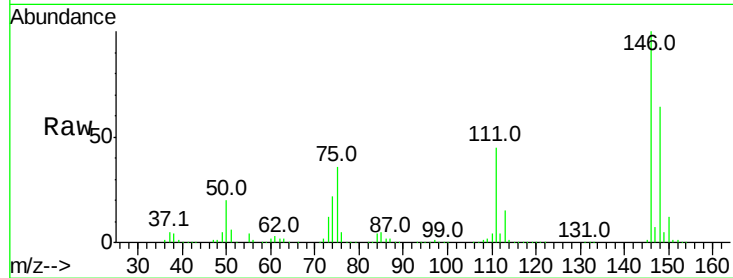
ClientSampleId :

PB95527BS

Tot Ion:	146	Resp:	918640
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	76.0
111	44.7	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 40.32 ng

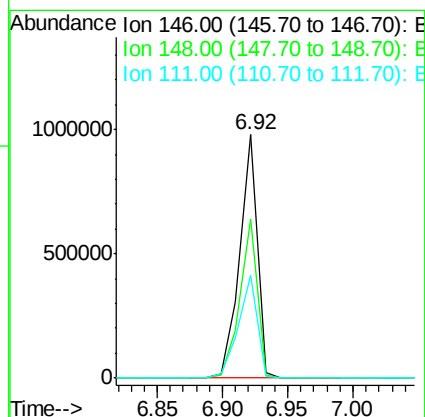
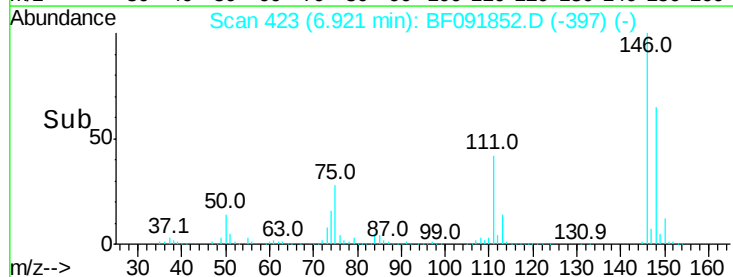
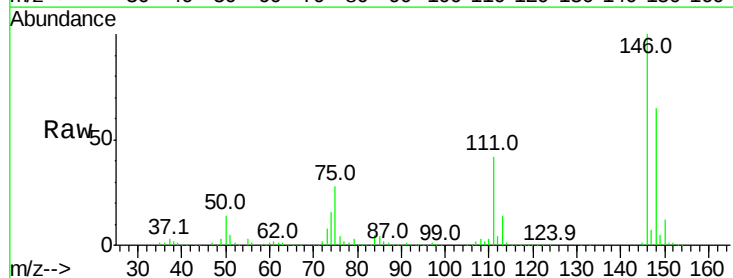
RT: 6.92 min Scan# 423

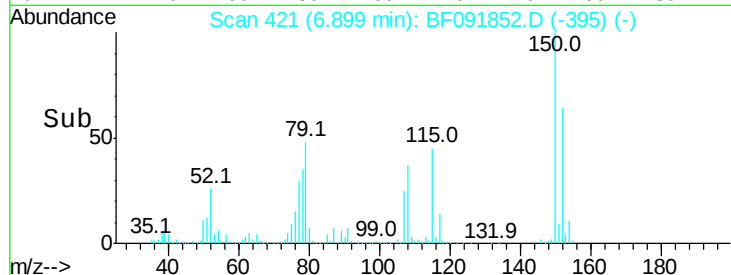
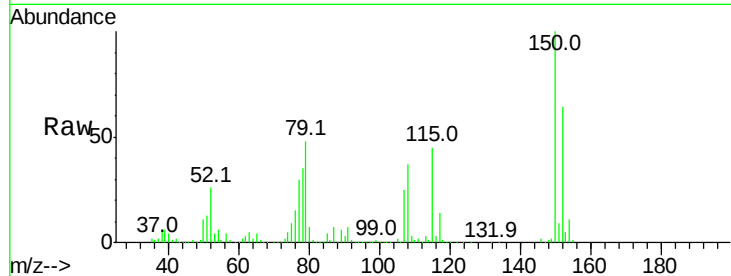
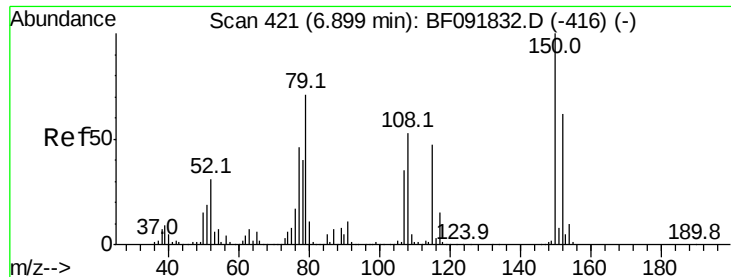
Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tgt Ion:	146	Resp:	906626
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.2	78.2
111	42.4	36.2	54.2





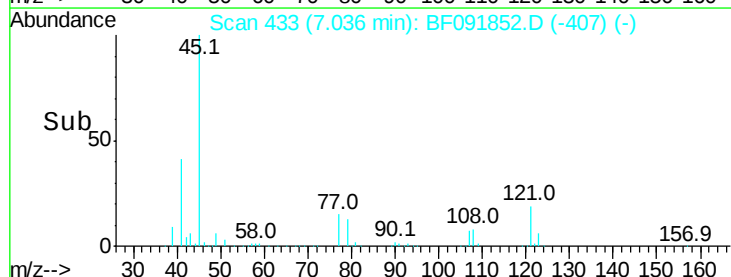
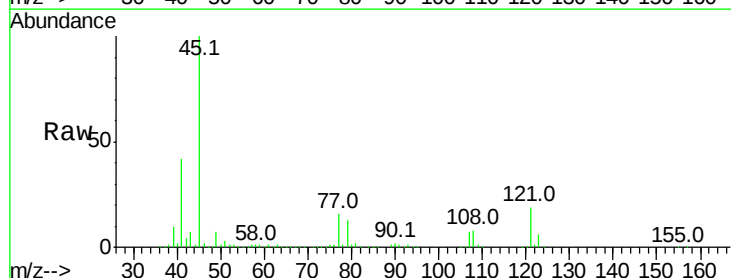
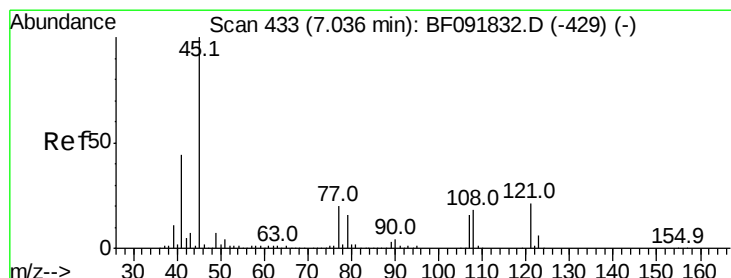
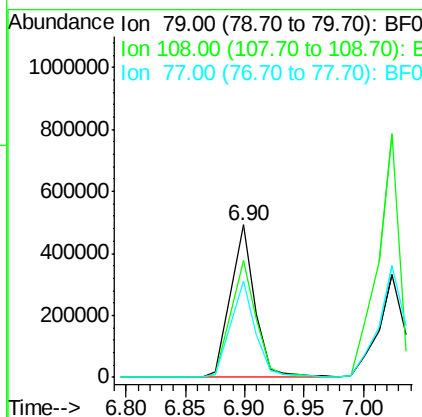
#15
Benzyl Alcohol
Concen: 35.47 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.4	92.0
77	63.3	50.9	76.3

Instrument :
BNA_F
ClientSampled :
PB95527BS

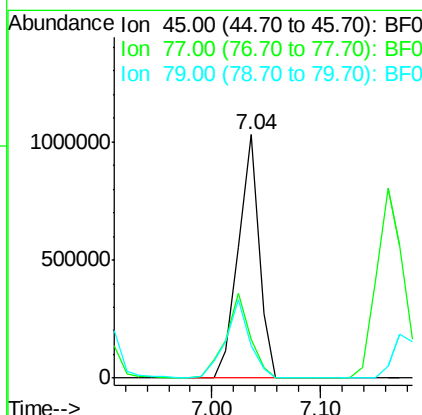
Manual Integrations
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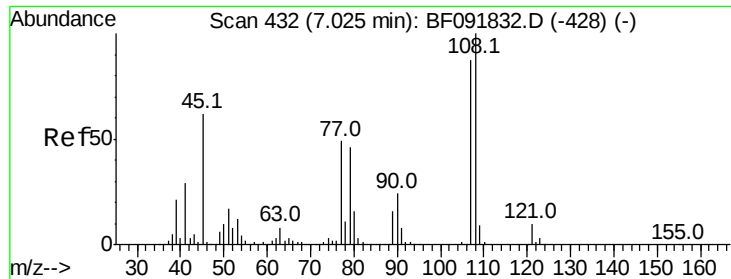
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.22 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	34.6
79	13.3	0.0	31.2





#17

2-Methylphenol

Concen: 44.34 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

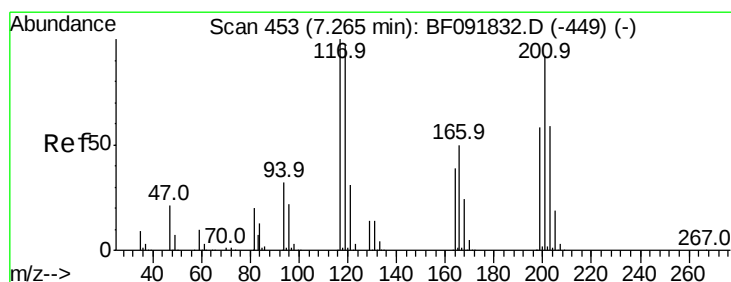
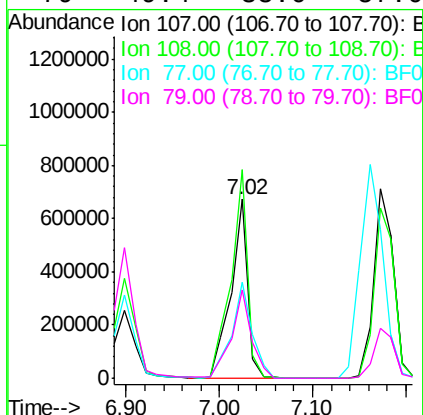
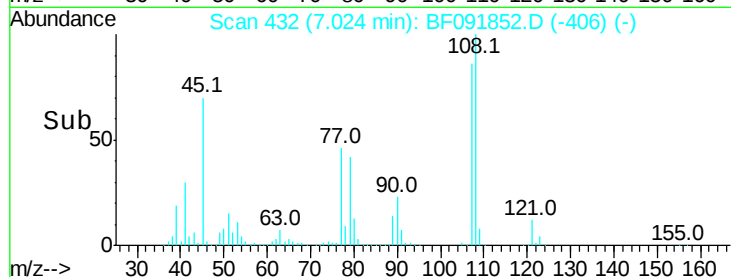
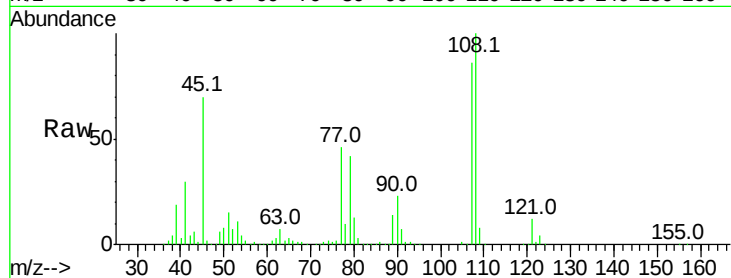
ClientSampleId :

PB95527BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	850317		
108	116.9	93.0	139.6	
77	53.6	39.8	59.8	
79	49.4	38.0	57.0	

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#18

Hexachloroethane

Concen: 41.59 ng

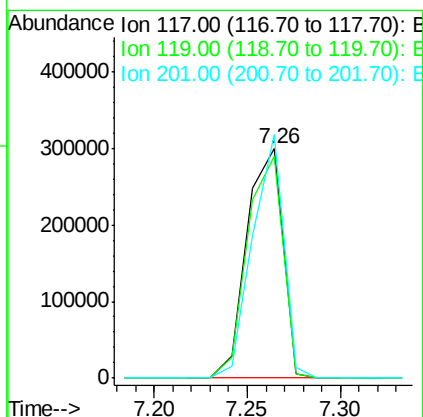
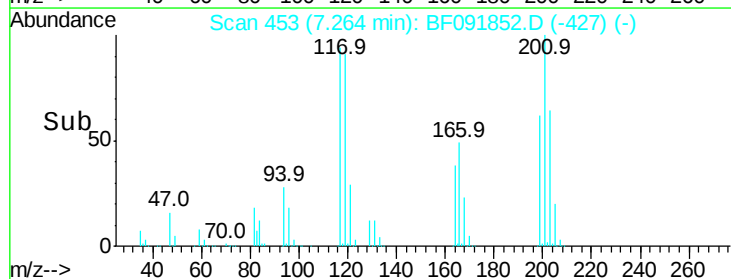
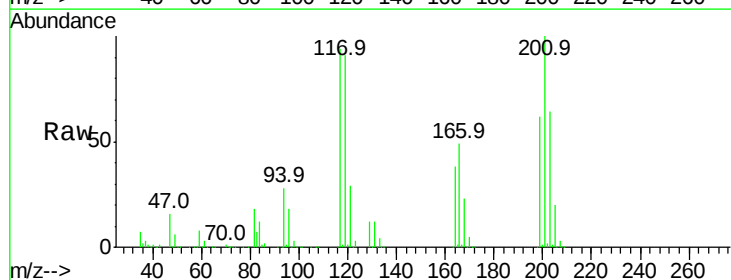
RT: 7.26 min Scan# 453

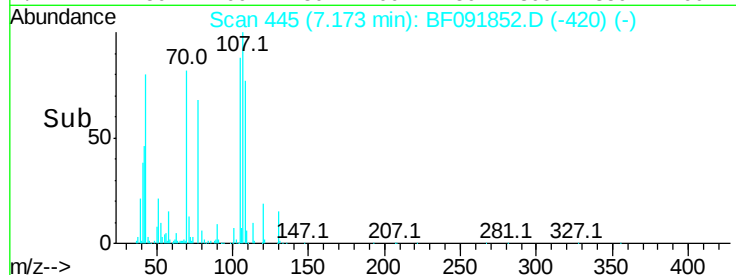
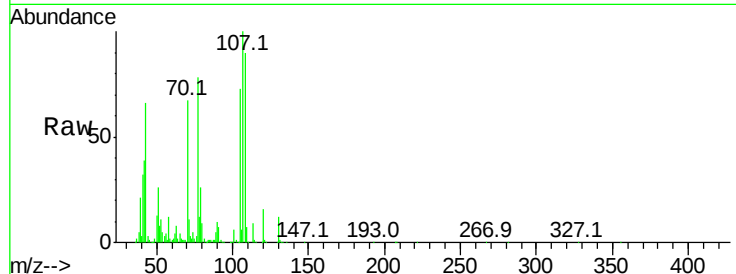
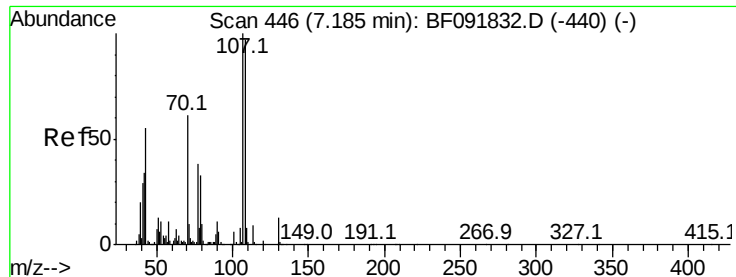
Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	399533		
119	96.6	78.1	117.1	
201	106.2	78.6	117.8	





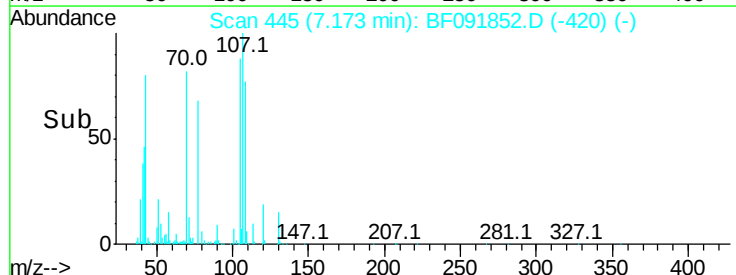
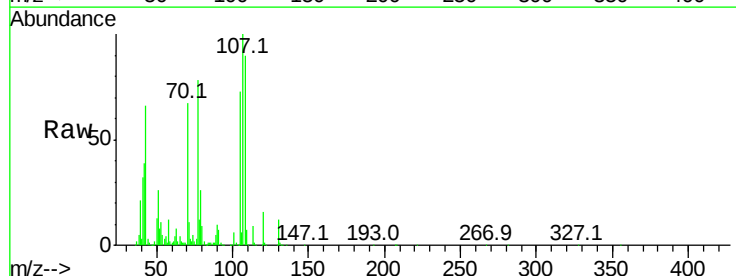
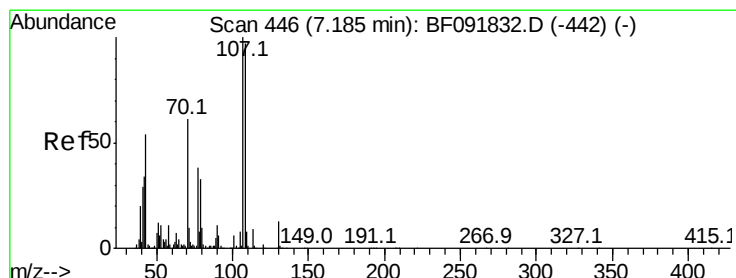
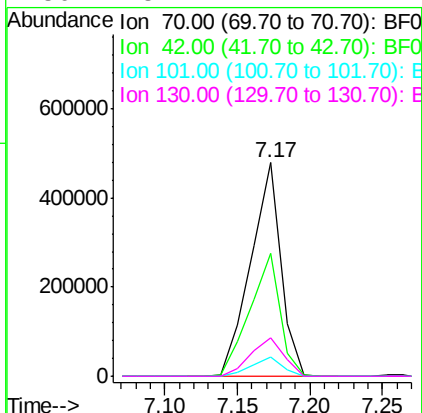
#19
n-Nitroso-di-n-propylamine
Concen: 40.72 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		693387		
42	57.6	49.4	74.0		
101	8.9	7.4	11.2		
130	18.2	14.2	21.4		

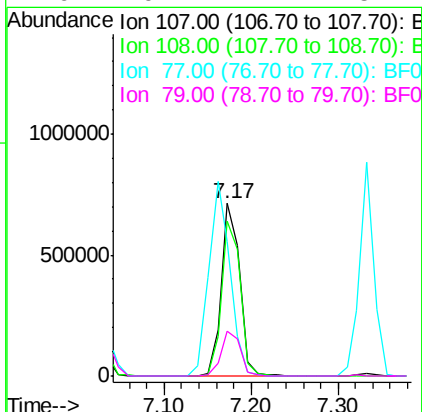
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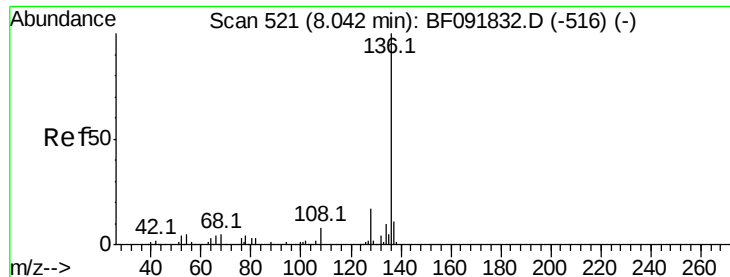
Sohil
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#20
3+4-Methylphenols
Concen: 45.74 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		1046291		
108	90.1	73.0	113.0		
77	78.2	71.3	111.3		
79	26.2	11.1	51.1		





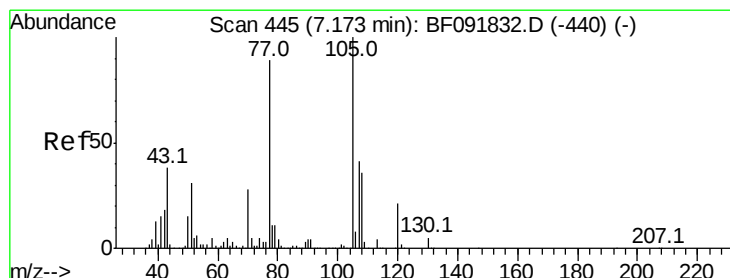
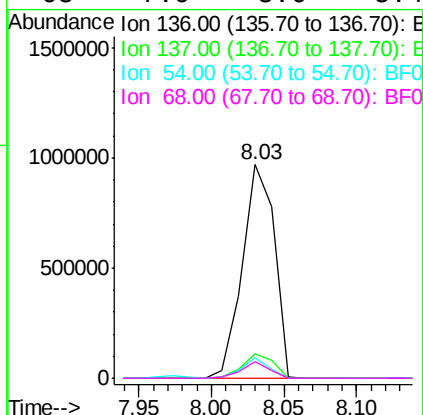
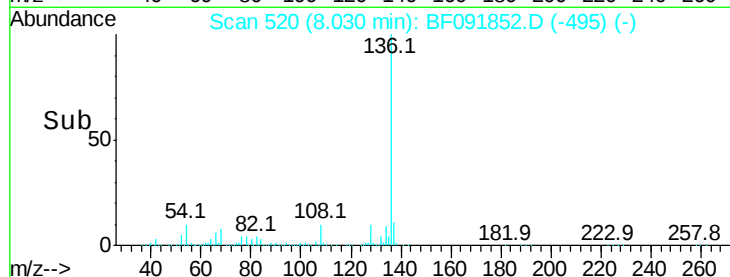
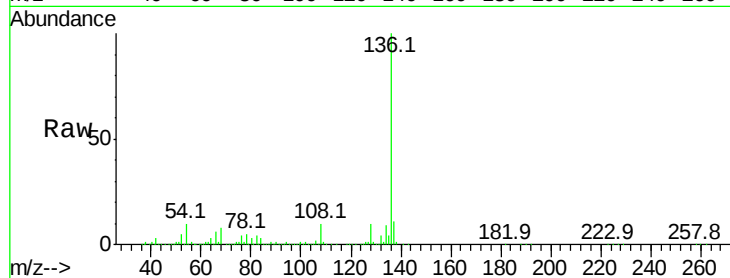
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.7	4.5	6.7#
68	7.9	3.6	5.4#

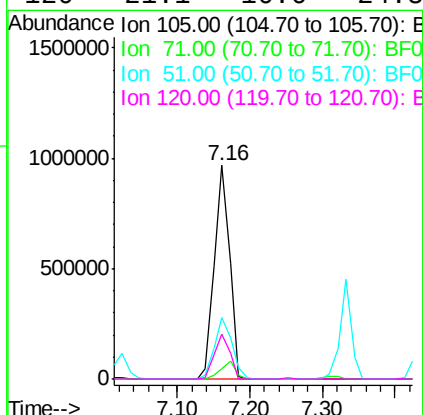
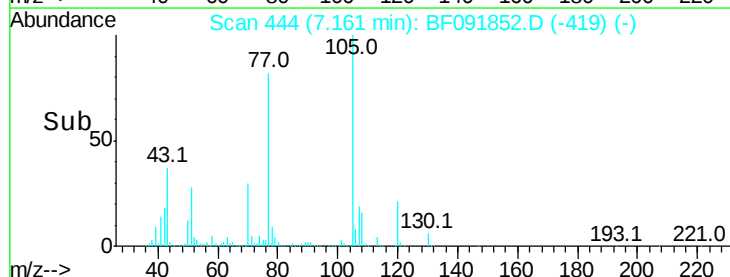
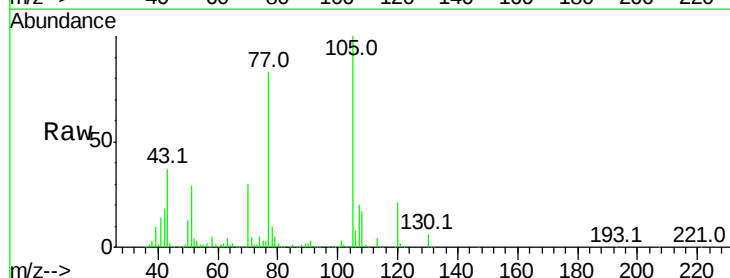
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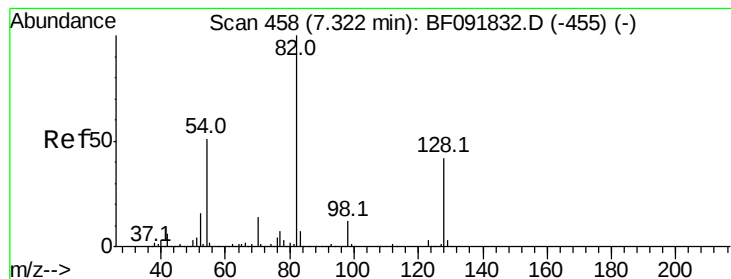
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#22
Acetophenone
Concen: 38.81 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.2	4.8#
51	29.0	26.2	39.4
120	21.1	16.6	24.8





#23

Nitrobenzene-d5

Concen: 83.77 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

PB95527BS

Tot Ion: 82 Resp: 2231665

Ion Ratio Lower Upper

82 100

128 45.3 34.6 52.0

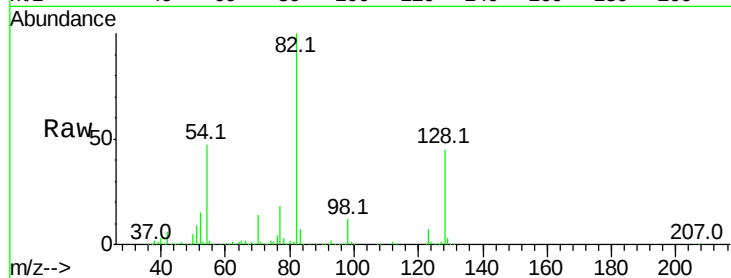
54 47.5 39.5 59.3

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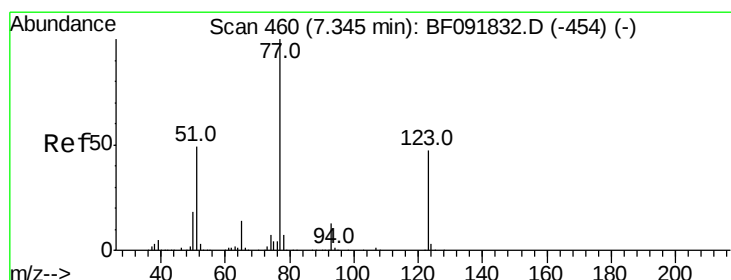
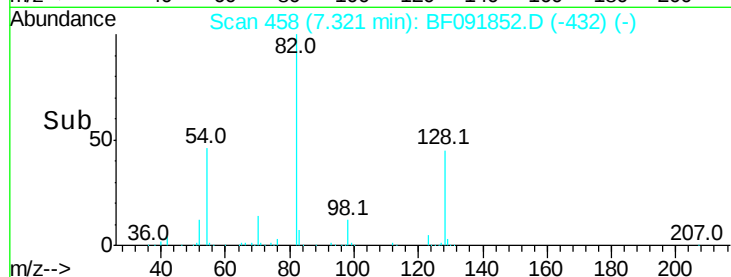
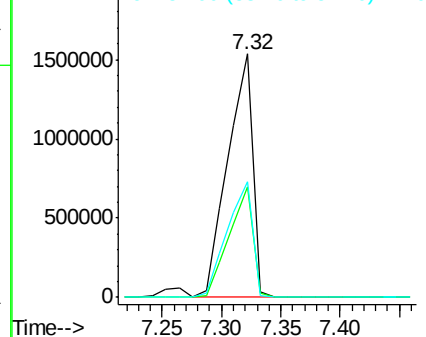
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.56 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

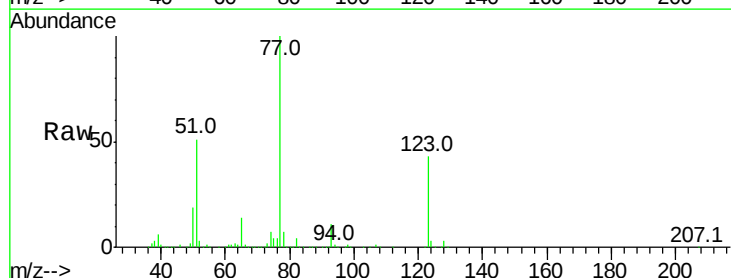
Tgt Ion: 77 Resp: 1008877

Ion Ratio Lower Upper

77 100

123 42.7 33.0 49.4

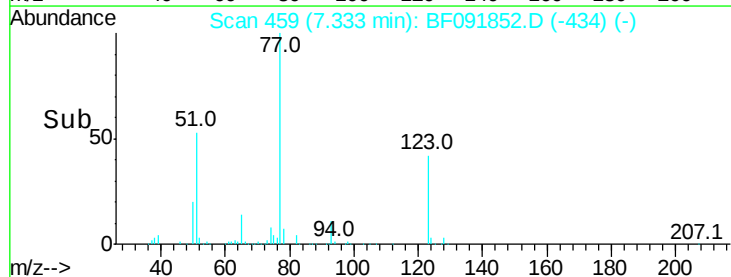
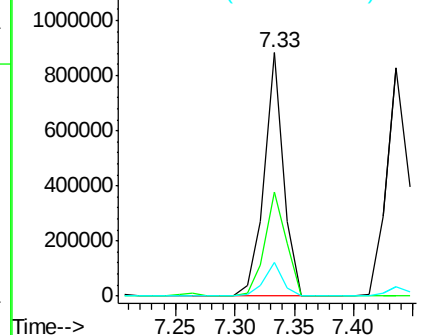
65 13.7 11.2 16.8

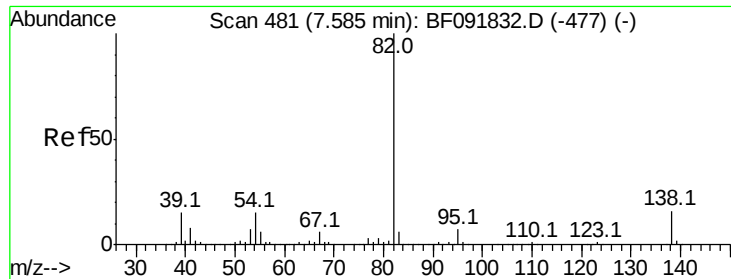


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.27 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

PB95527BS

Tot Ion: 82 Resp: 2077452

Ion Ratio Lower Upper

82 100

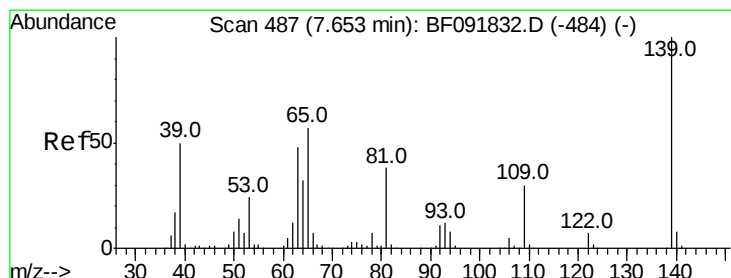
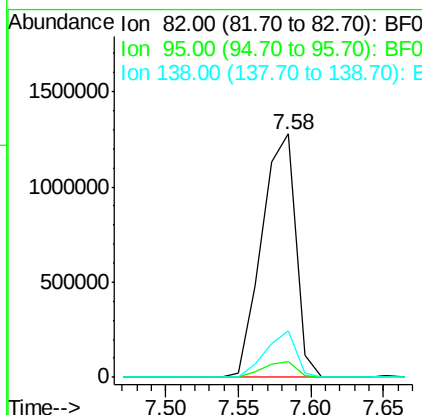
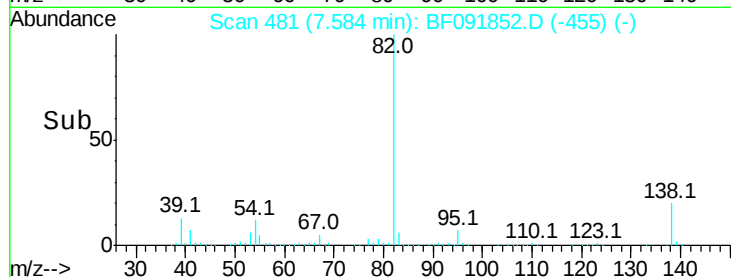
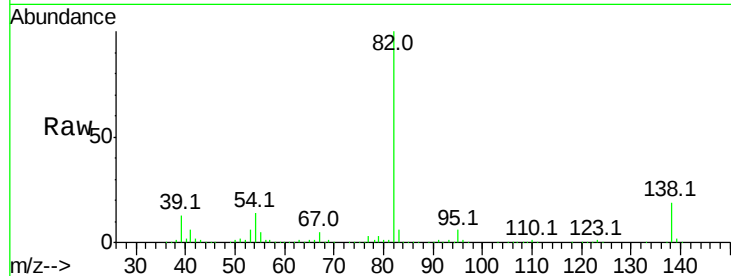
95 6.4 5.6 8.4

138 19.0 14.6 22.0

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 39.77 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

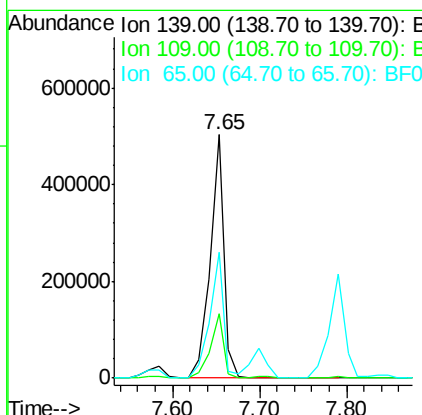
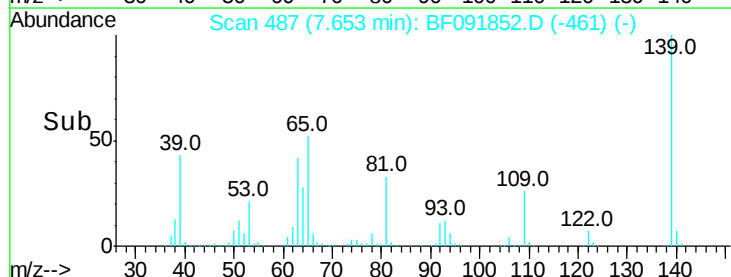
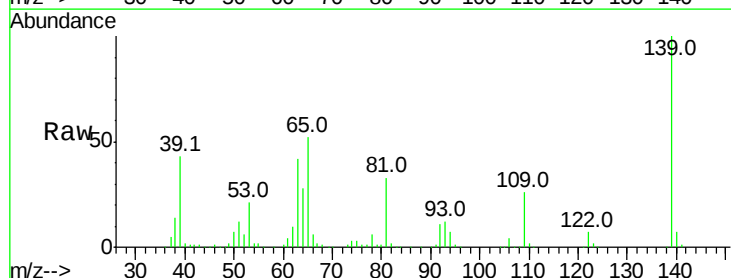
Tgt Ion:139 Resp: 556488

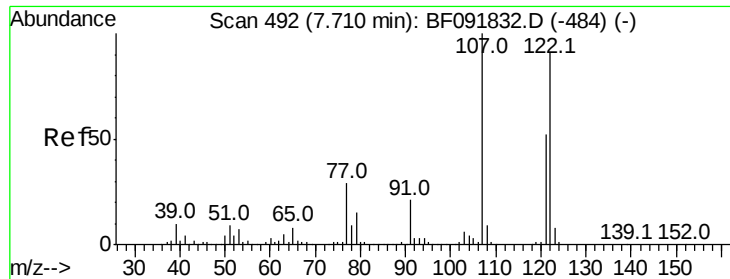
Ion Ratio Lower Upper

139 100

109 26.3 23.3 34.9

65 51.8 42.7 64.1





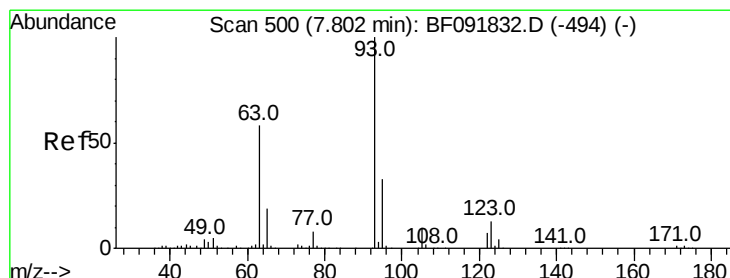
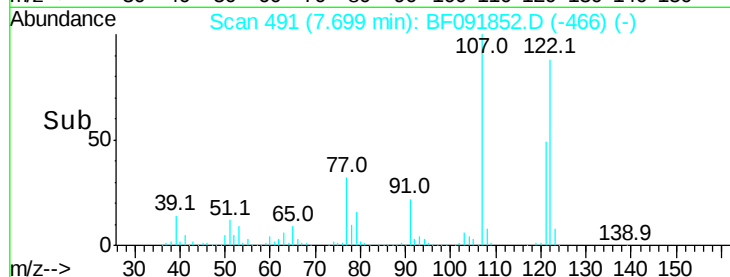
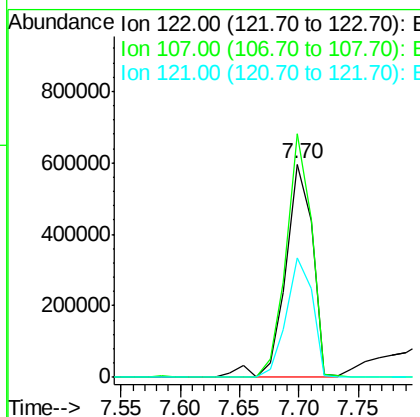
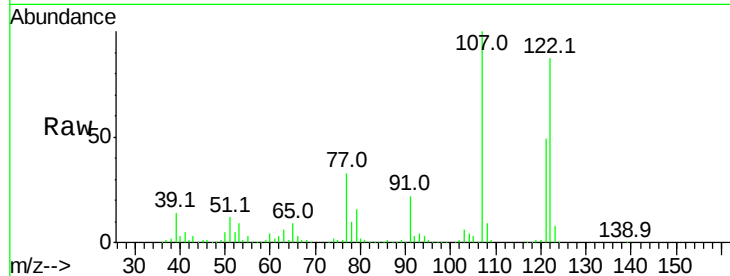
#27
2,4-Dimethylphenol
Concen: 40.71 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	94.1	141.1
121	55.9	46.0	69.0

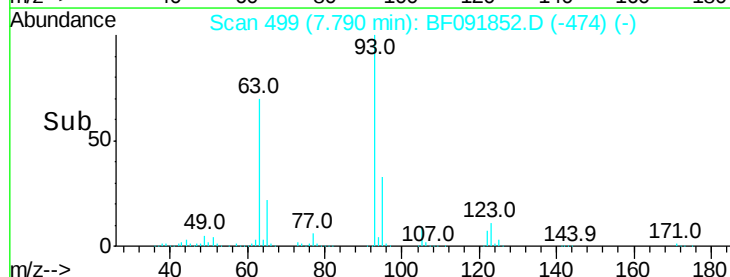
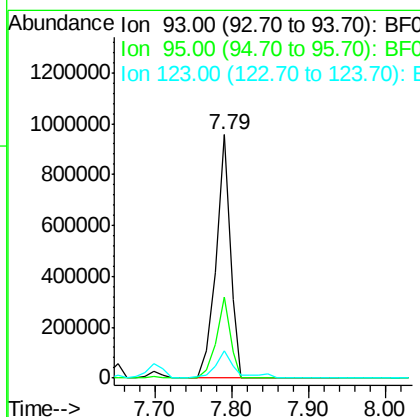
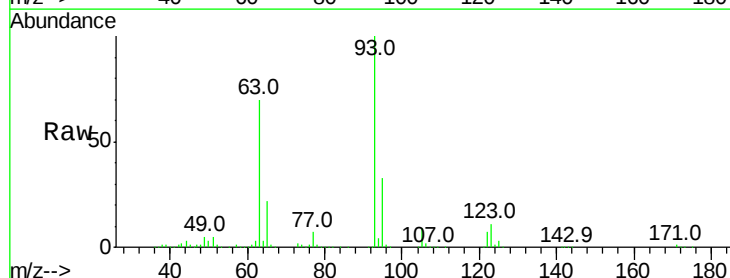
Manual Integrations
APPROVED

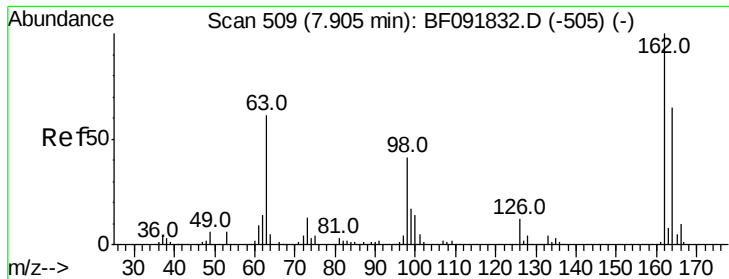
Sohil
12/29/2016 12:01:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.32 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	11.1	8.6	13.0





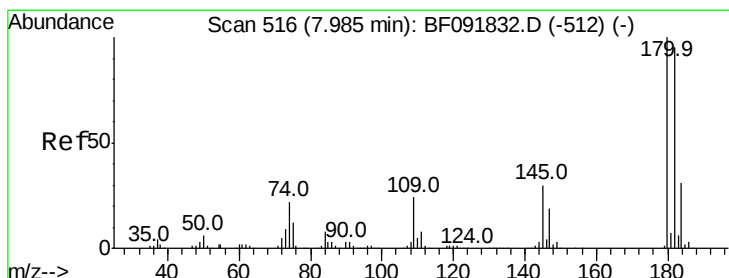
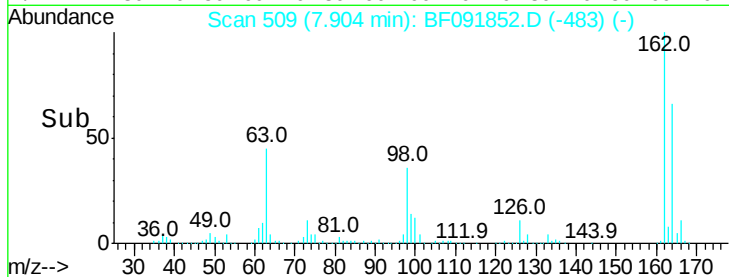
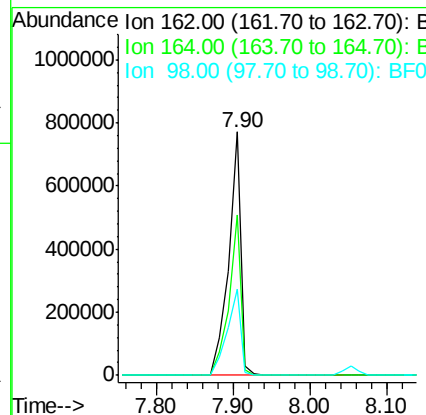
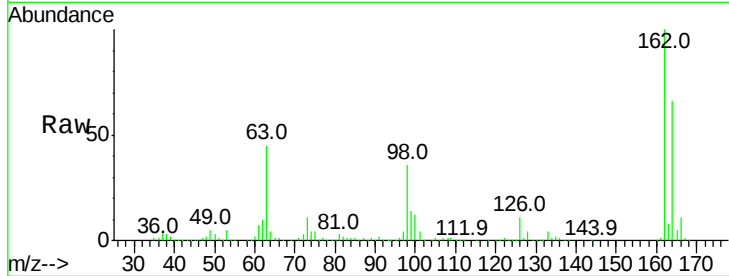
#29
 2,4-Dichlorophenol
 Concen: 44.20 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Instrument :
 BNA_F
 ClientSampleId :
 PB95527BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.6	46.8	86.8	
98	35.7	9.1	49.1	

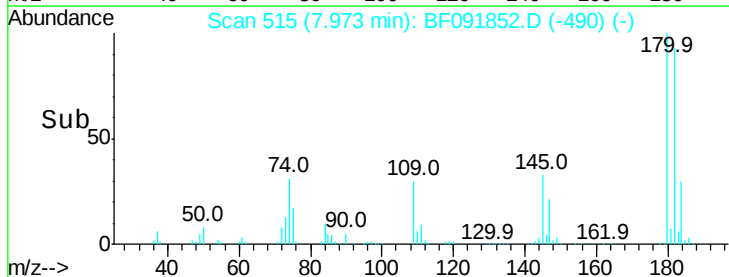
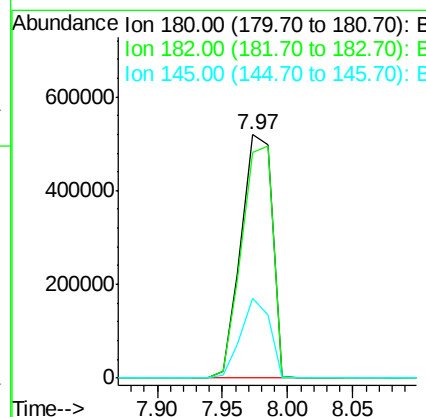
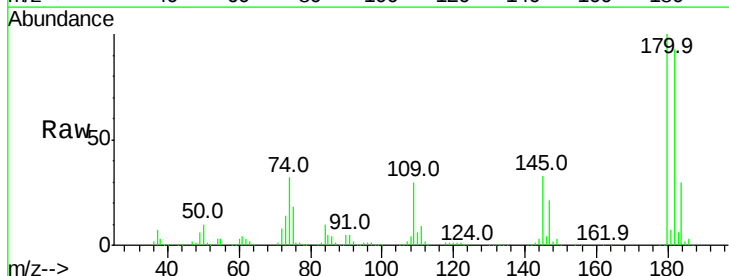
Manual Integrations
 APPROVED

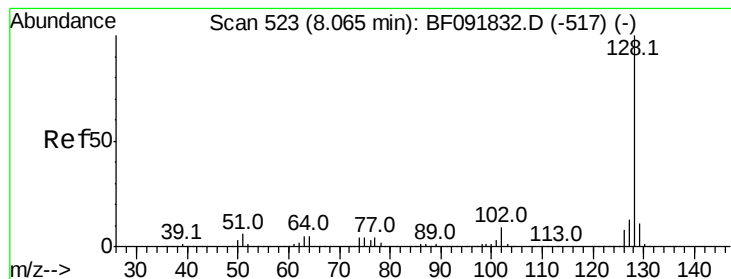
Sohil
 12/29/2016 12:01:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.11 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.7	78.2	117.4	
145	32.7	21.6	32.4#	





#31

Naphthalene

Concen: 39.90 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

PB95527BS

Tot Ion:128 Resp: 2704806

Ion Ratio Lower Upper

128 100

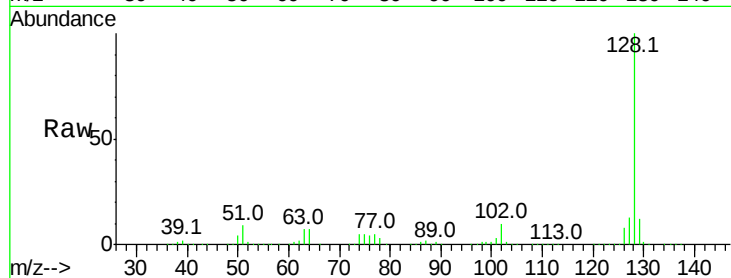
129 12.0 9.5 14.3

127 13.4 10.8 16.2

Manual Integrations
APPROVED

Sohil

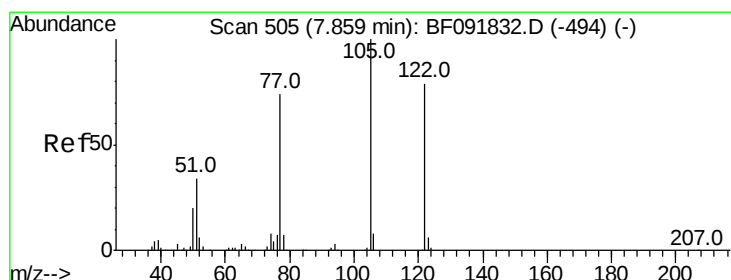
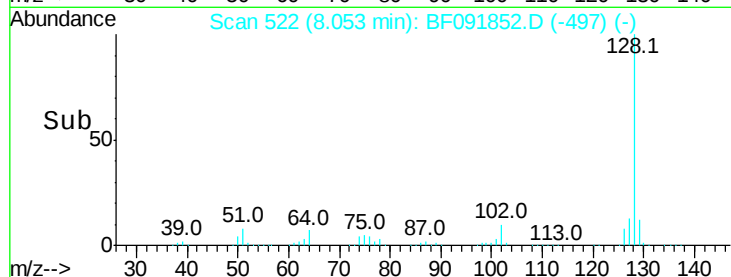
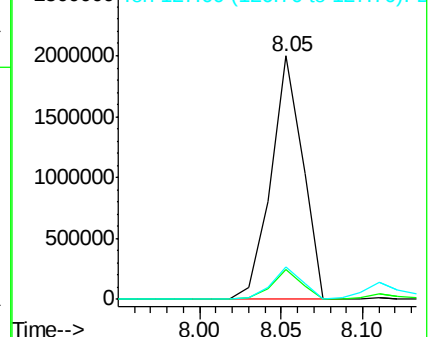
12/29/2016 12:01:34 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.82 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

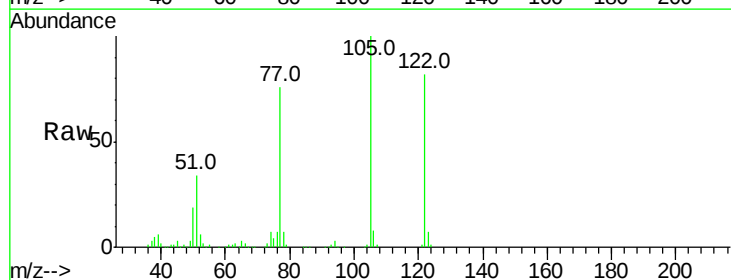
Tgt Ion:122 Resp: 668151

Ion Ratio Lower Upper

122 100

105 122.2 107.2 147.2

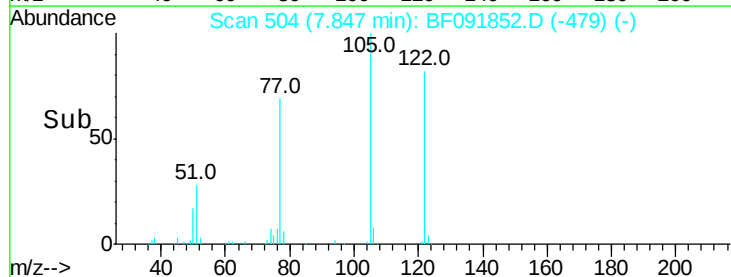
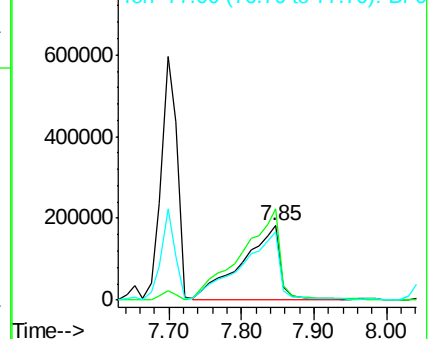
77 92.5 74.5 114.5

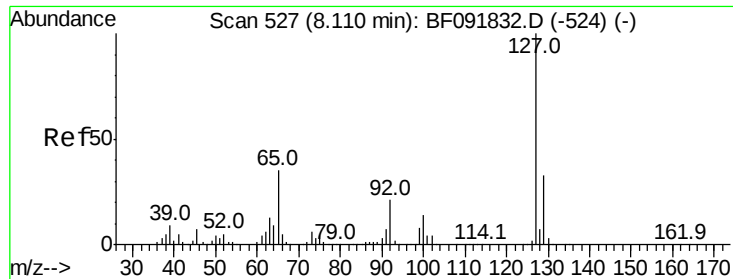


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





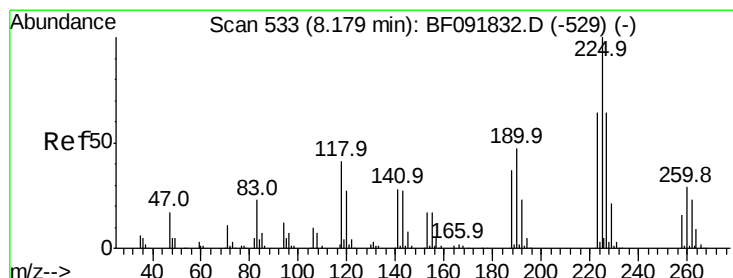
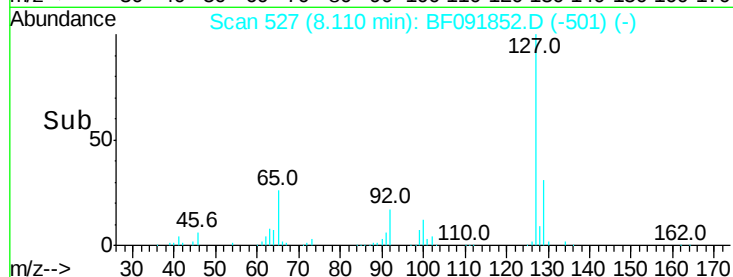
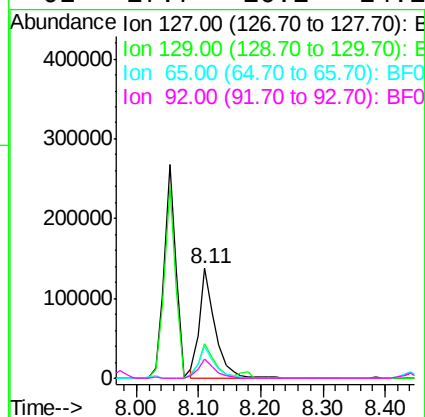
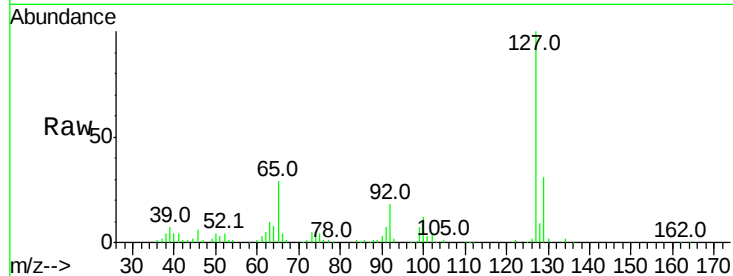
#33
4-Chloroaniline
Concen: 7.86 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.3	39.5		
65	29.1	25.8	38.8		
92	17.7	16.1	24.1		

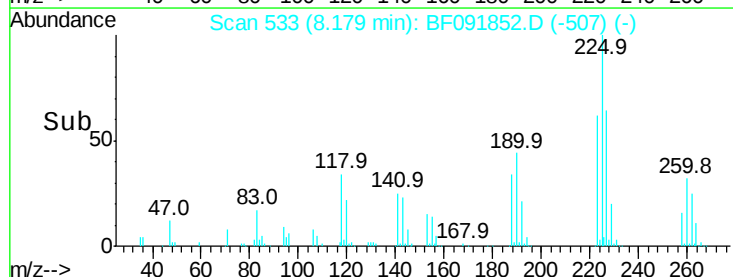
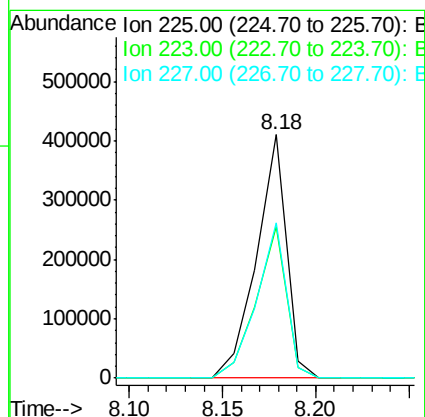
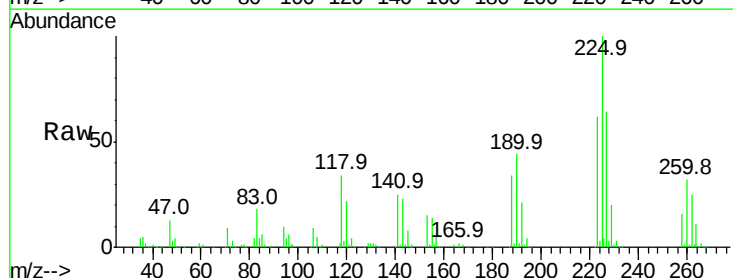
Manual Integrations
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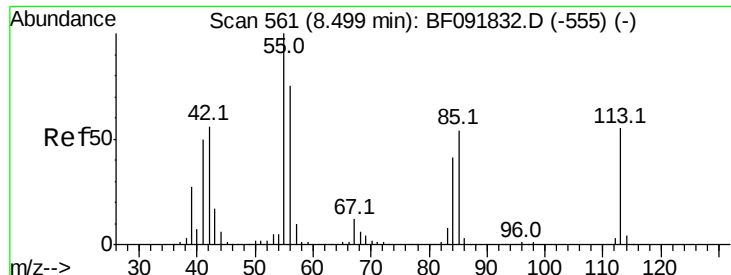
Sohil
12/29/2016 12:01:34 PM



#34
Hexachlorobutadiene
Concen: 40.02 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	51.0	76.6		
227	63.5	50.6	76.0		





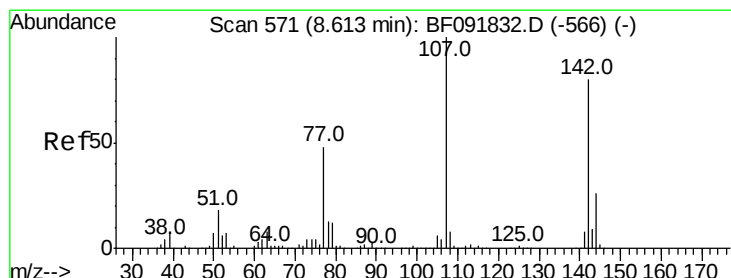
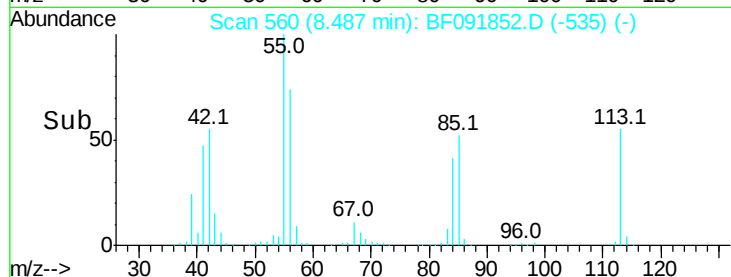
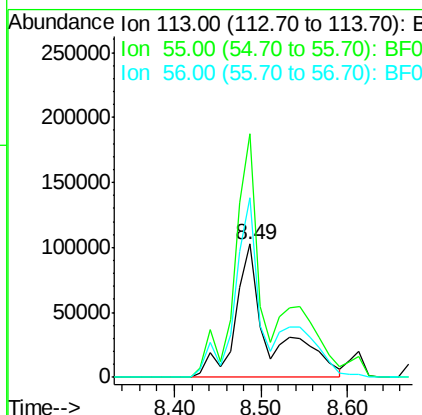
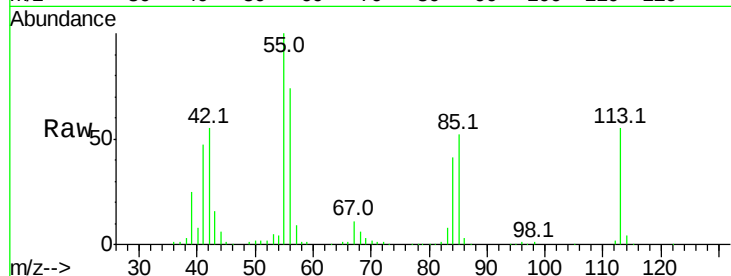
#35
 Caprolactam
 Concen: 44.92 ng/ml
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Instrument :
 BNA_F
 ClientSampleID :
 PB95527BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	182.9	119.2	159.2		
56	134.6	83.8	123.8		

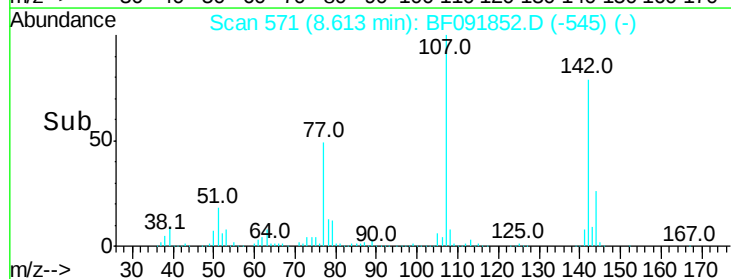
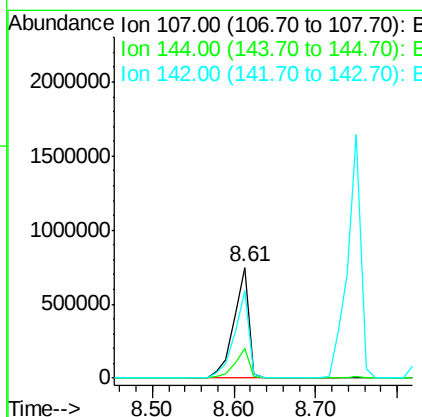
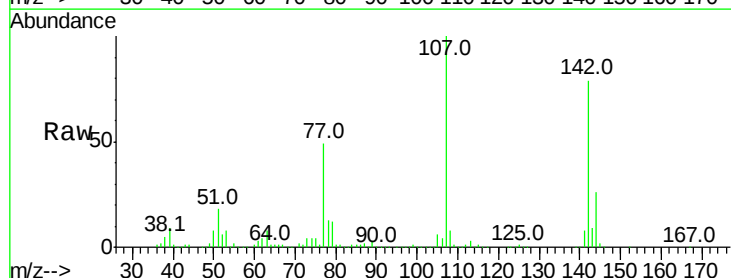
Manual Integrations
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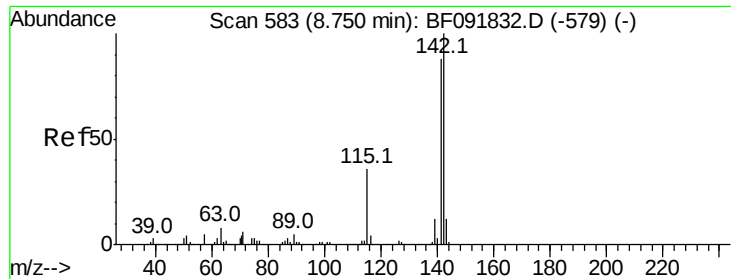
Sohil
 12/29/2016 12:01:34 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.86 ng/ml
 RT: 8.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.4	19.3	28.9		
142	79.3	59.0	88.6		





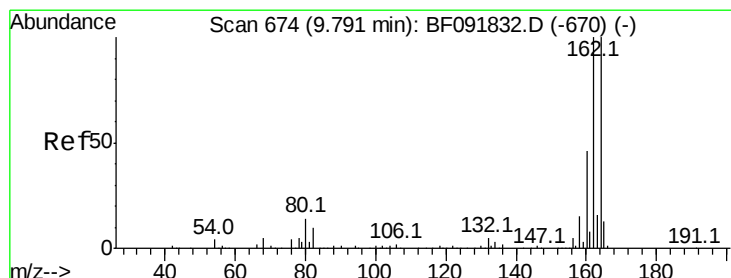
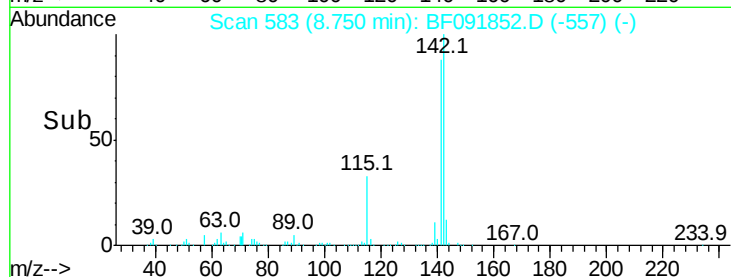
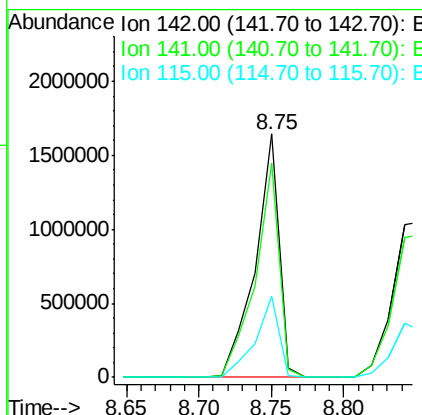
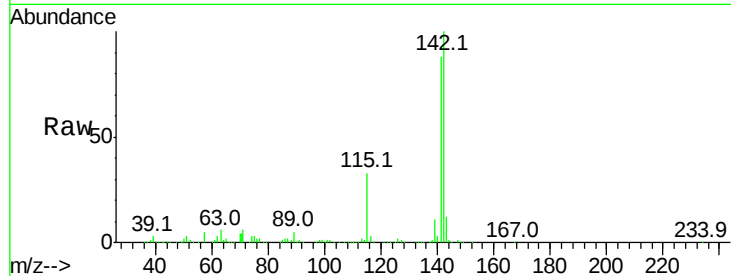
#37
2-Methylnaphthalene
Concen: 46.35 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion:142 Resp: 1883973
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6
115 33.1 28.3 42.5

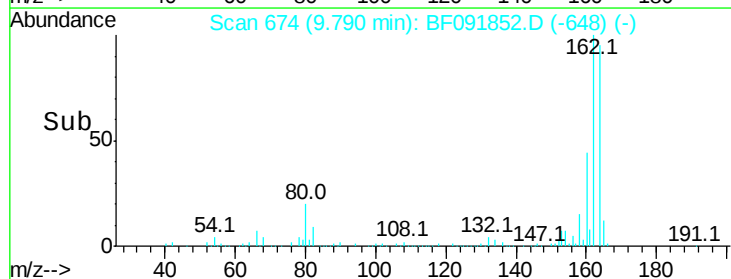
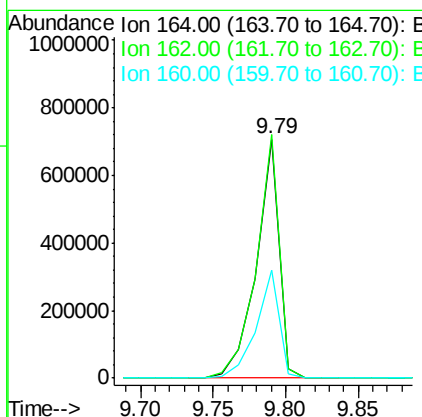
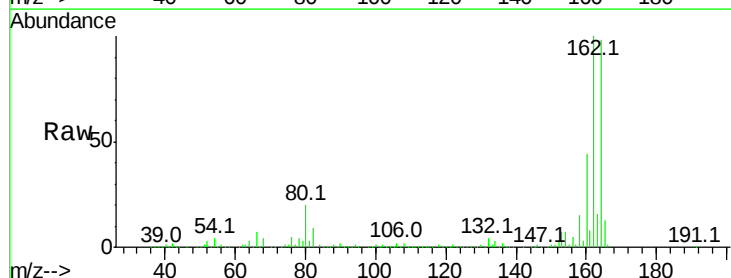
Manual Integrations
APPROVED

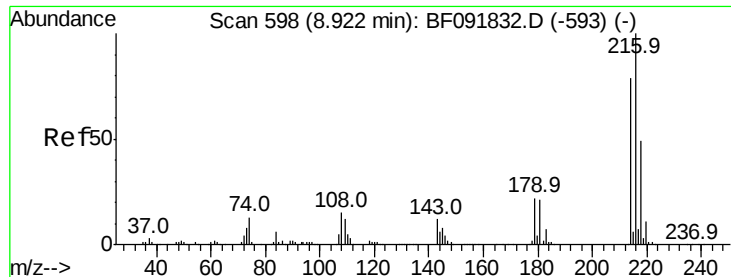
Sohil
12/29/2016 12:01:34 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:164 Resp: 771684
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 45.3 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.03 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

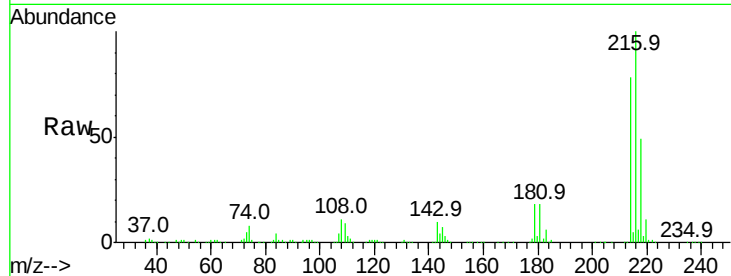
ClientSampleId :

PB95527BS

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.1	63.4	95.0
179	21.6	17.4	26.2
108	21.9	15.6	23.4

Manual Integrations
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Sohil
12/29/2016 12:01:34 PM

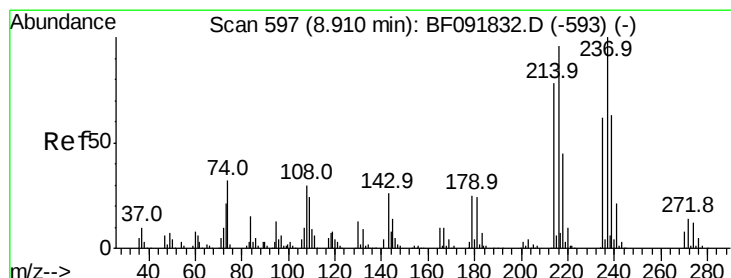
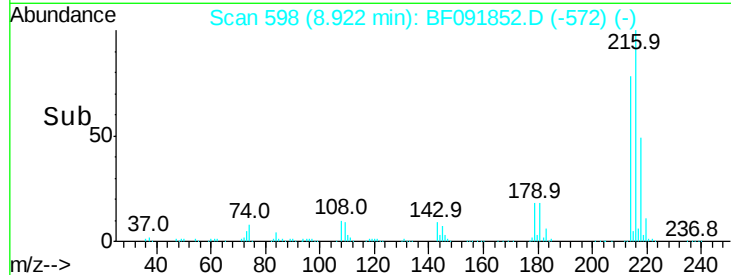
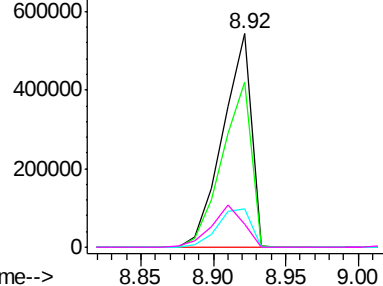


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.27 ng

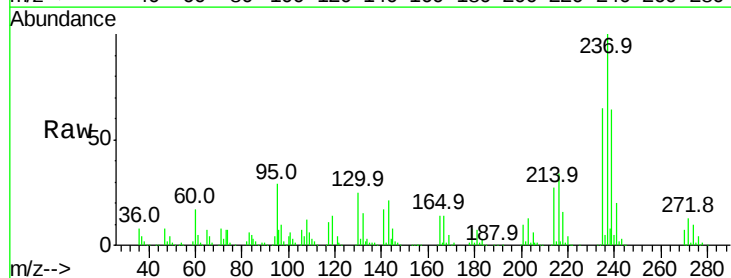
RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

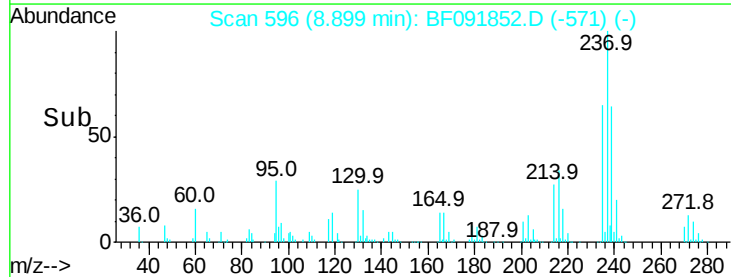
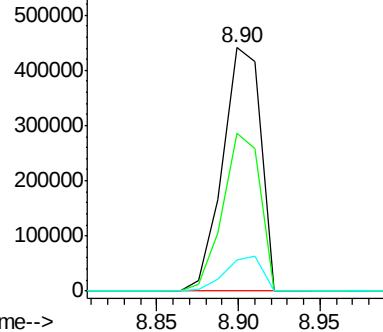
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.8	41.2	81.2
272	12.9	0.0	35.4

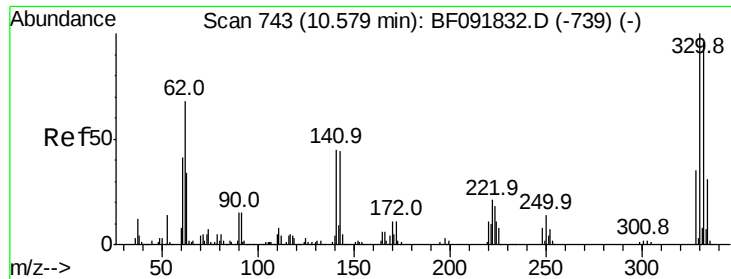


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





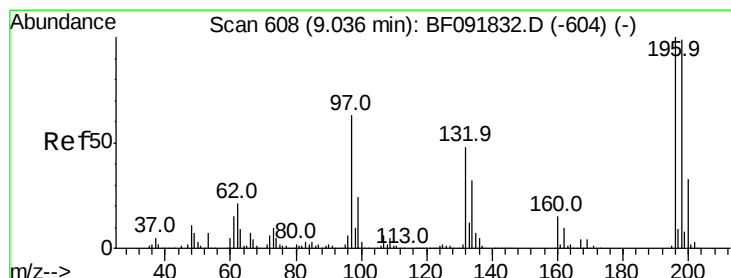
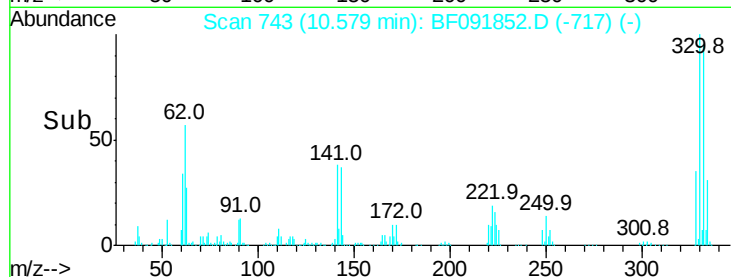
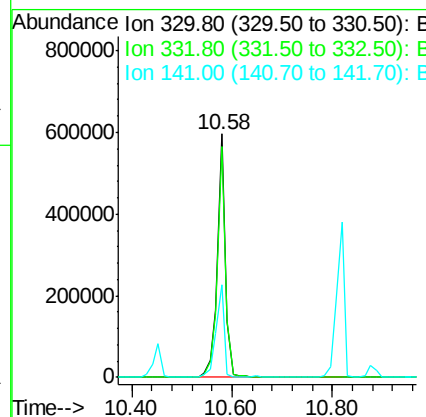
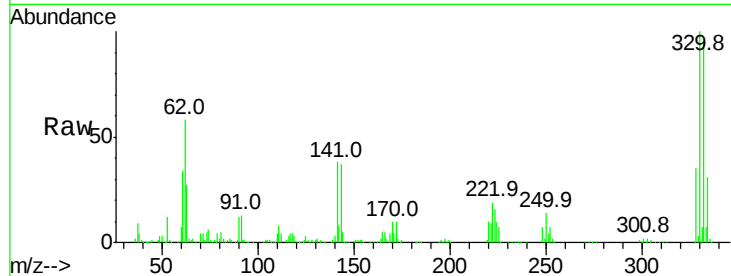
#41
 2,4,6-Tribromophenol
 Concen: 105.31 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Instrument :
 BNA_F
 ClientSampleId :
 PB95527BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	672552		
332	95.6	77.4	116.2	
141	38.4	34.1	51.1	

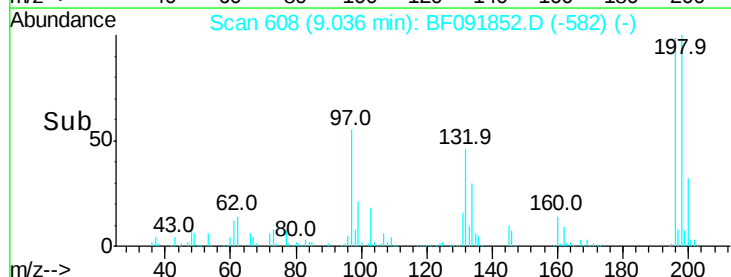
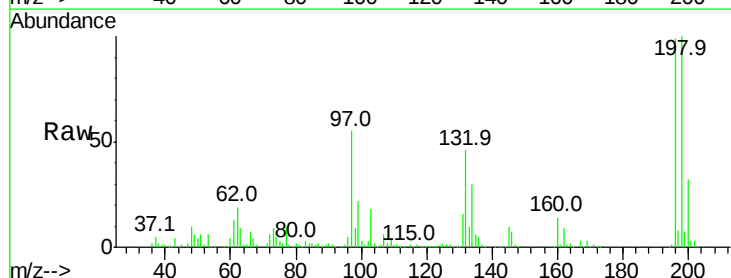
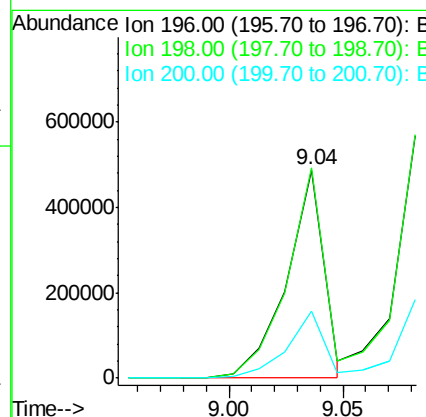
Manual Integrations
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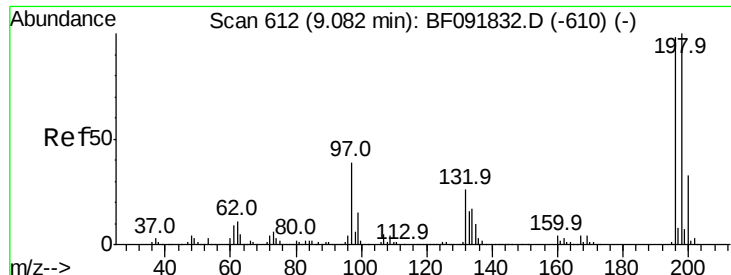
Sohil
 12/29/2016 12:01:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.62 ng m
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	553889		
198	100.7	82.1	123.1	
200	32.3	27.0	40.4	





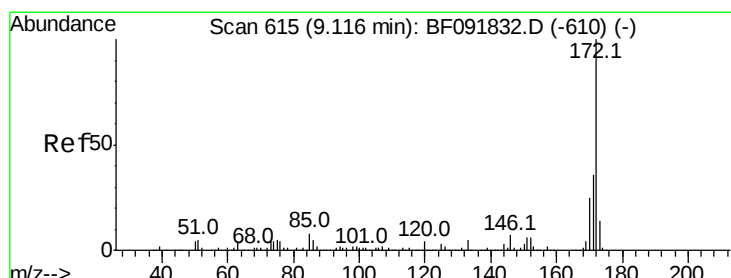
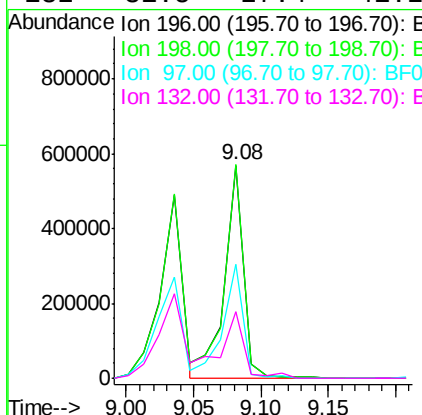
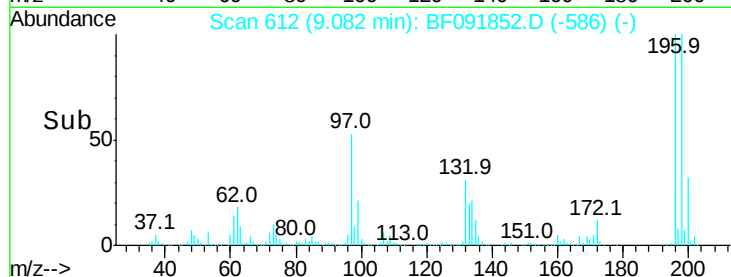
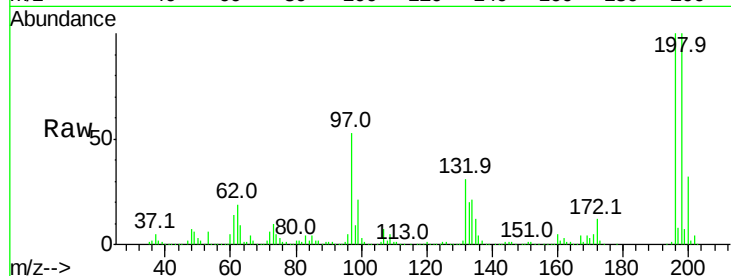
#43
 2,4,5-Trichlorophenol
 Concen: 40.09 ng/ml
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Instrument :
 BNA_F
 ClientSampleId :
 PB95527BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	562527		
198	100.5	79.4	119.2	
97	53.4	51.5	77.3	
132	31.5	27.4	41.2	

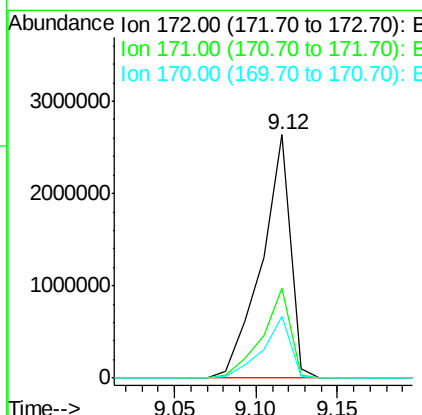
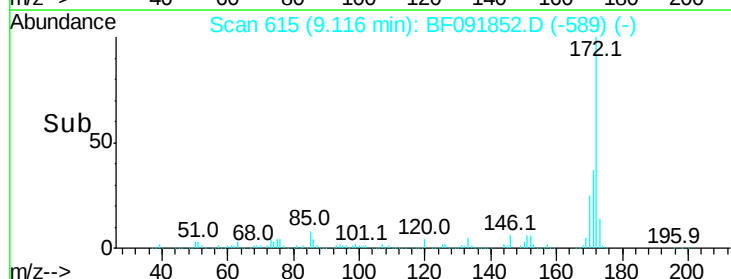
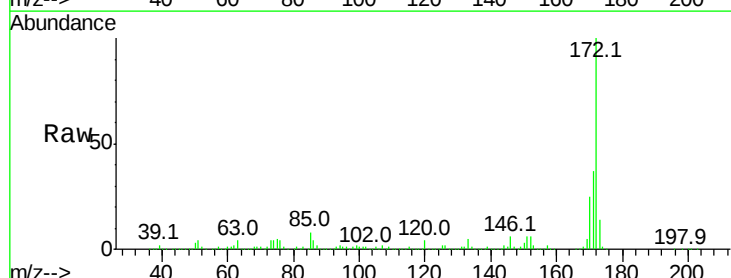
Manual Integrations
 APPROVED

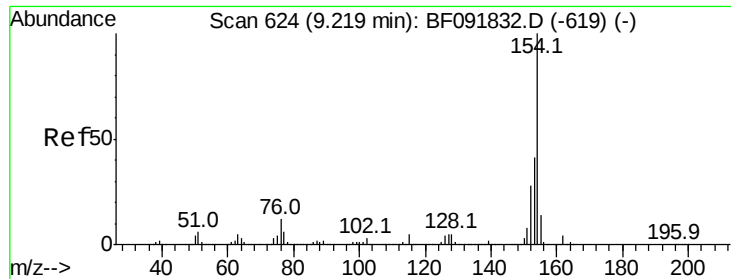
Sohil
 12/29/2016 12:01:34 PM



#44
 2-Fluorobiphenyl
 Concen: 86.19 ng/ml
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3239371		
171	36.9	29.4	44.0	
170	25.4	20.2	30.4	





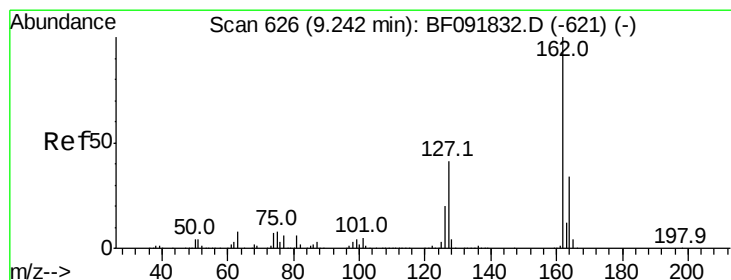
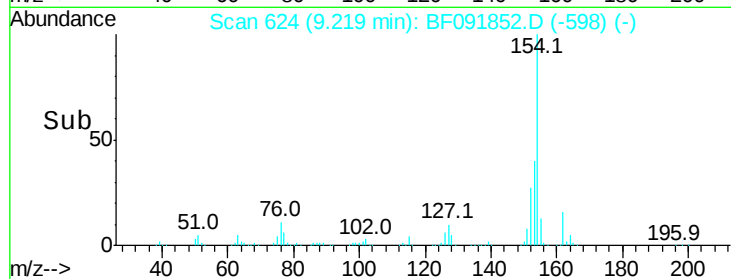
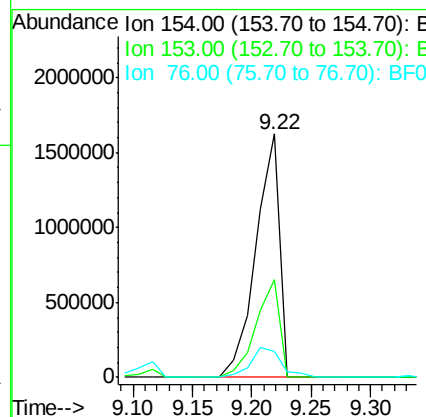
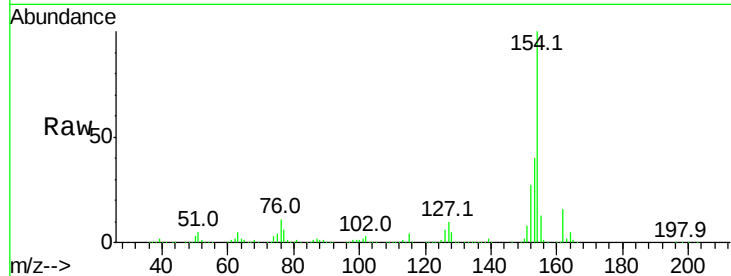
#45
 1,1'-Biphenyl
 Concen: 42.54 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Instrument :
 BNA_F
 ClientSampleId :
 PB95527BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.9	60.9
76	10.6	0.0	30.5

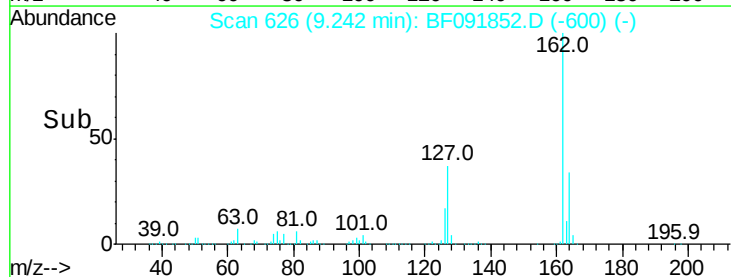
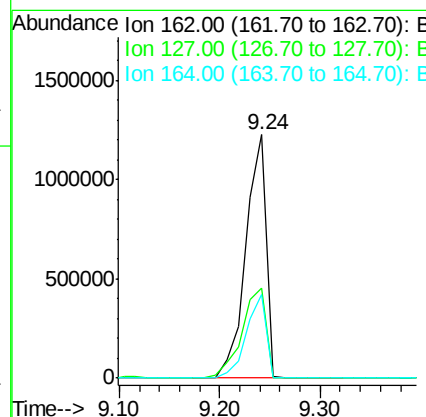
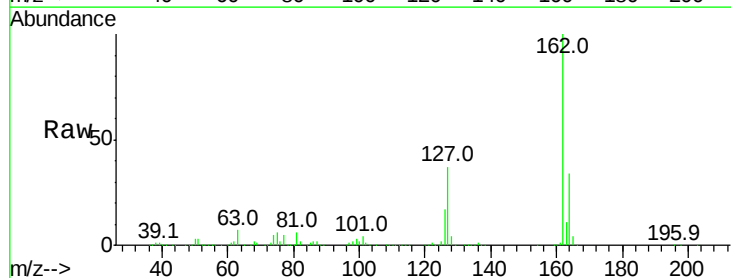
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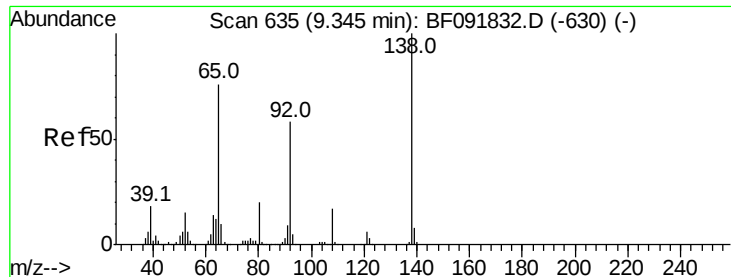
Sohil
 12/29/2016 12:01:34 PM



#46
 2-Chloronaphthalene
 Concen: 41.03 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.7	46.1
164	34.4	27.6	41.4





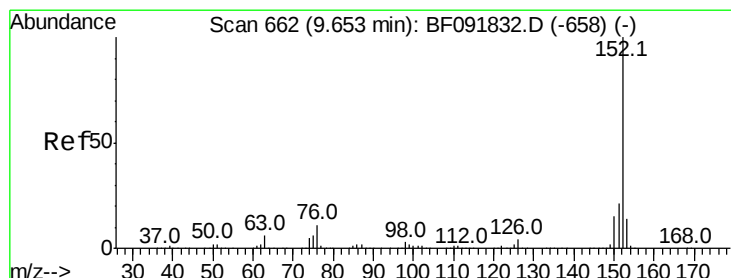
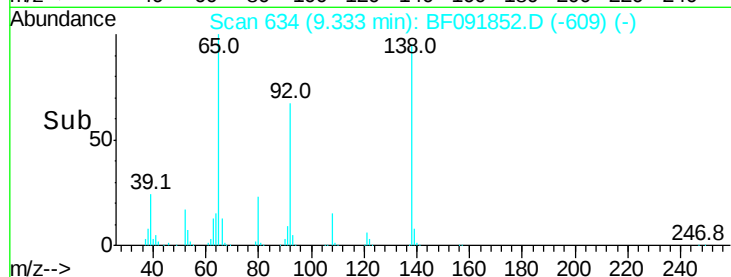
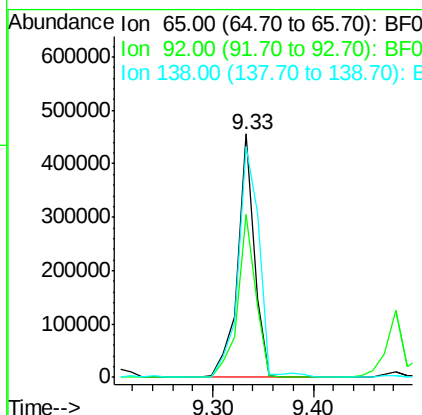
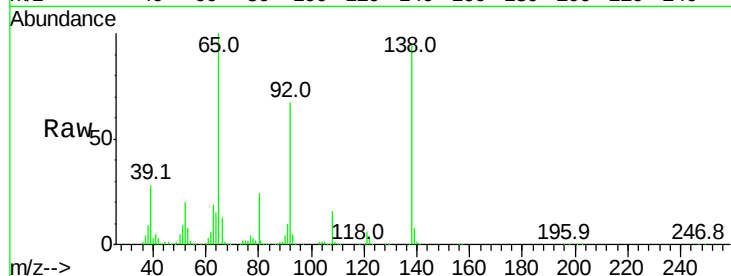
#47
2-Nitroaniline
Concen: 35.52 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.9	80.9
138	94.8	76.8	115.2

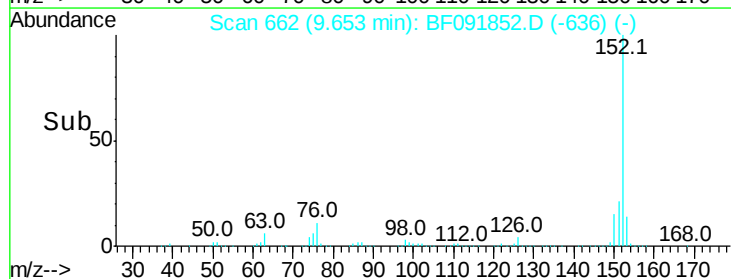
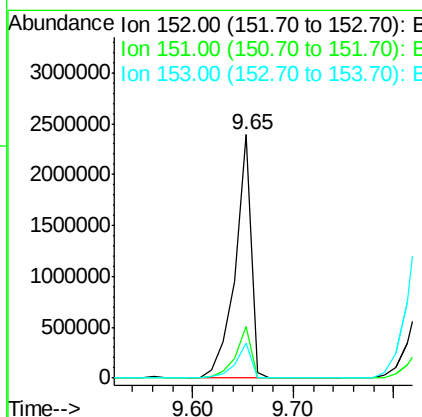
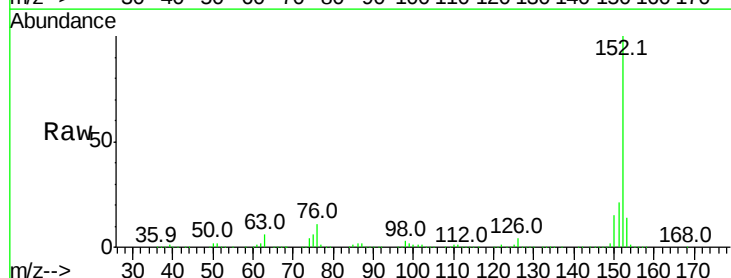
Manual Integrations
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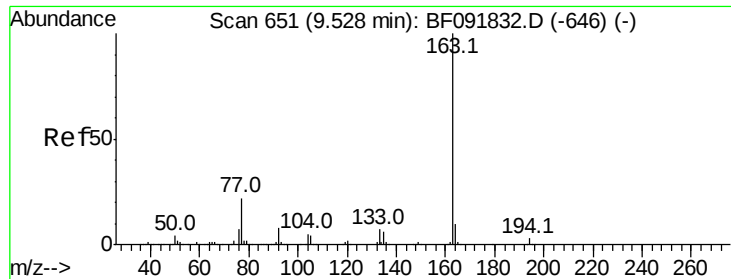
Sohil
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#48
Acenaphthylene
Concen: 40.95 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	14.5	11.4	17.2





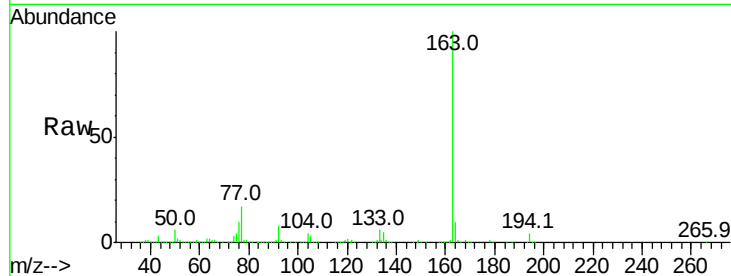
#49
Dimethylphthalate
Concen: 41.36 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.0	8.0	12.0

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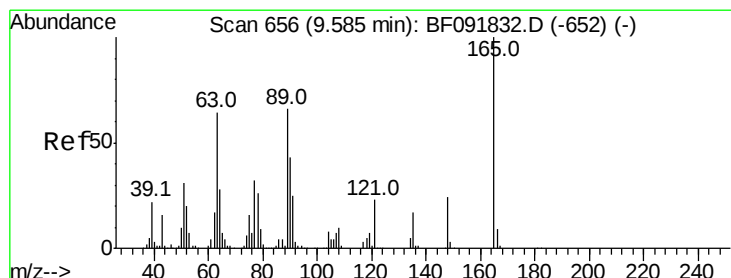
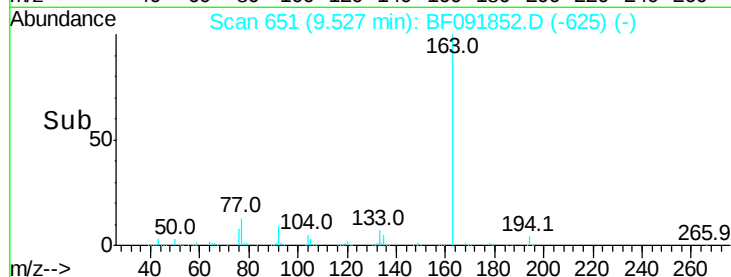
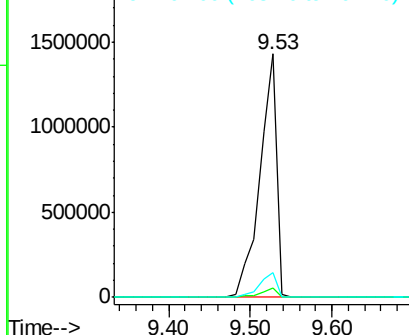


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 46.74 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

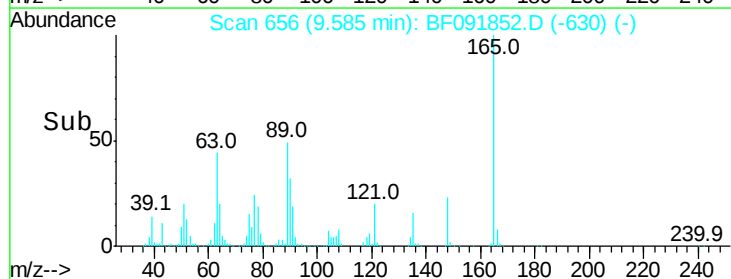
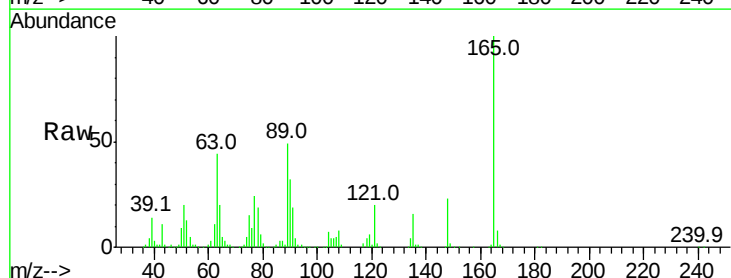
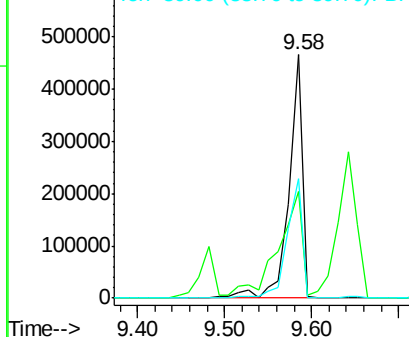
Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.8	36.2	54.4
89	48.8	40.2	60.4

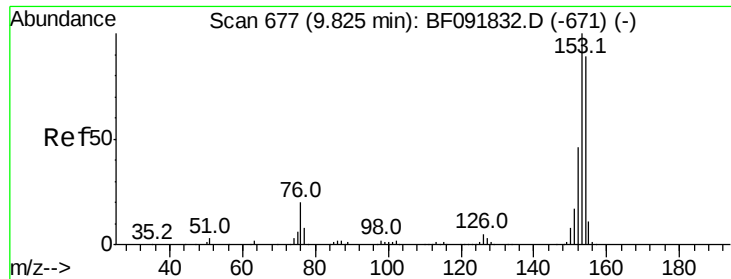
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.25 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

PB95527BS

Tot Ion:154 Resp: 1712310

Ion Ratio Lower Upper

154 100

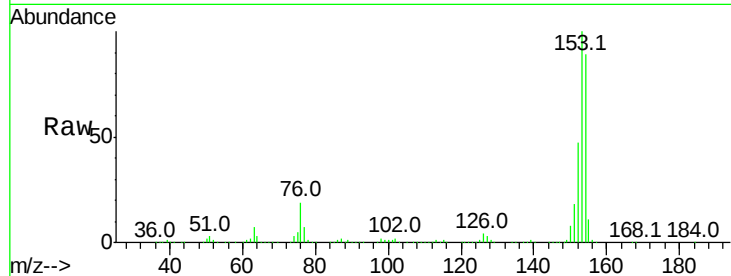
153 111.8 88.6 133.0

152 52.1 41.6 62.4

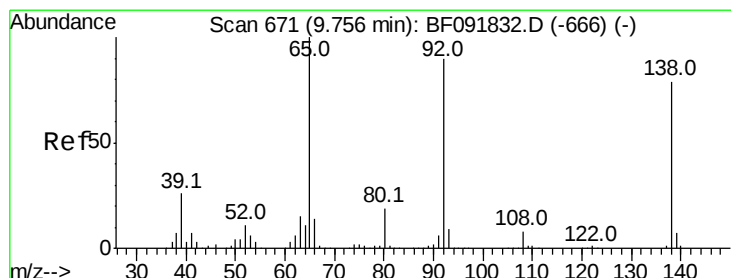
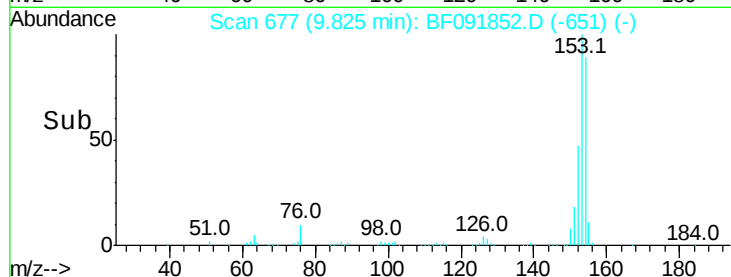
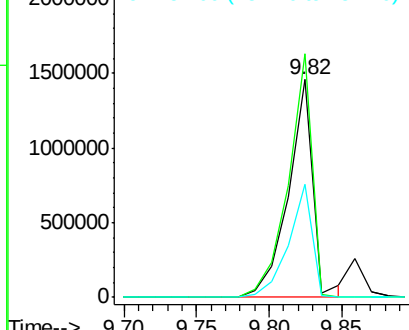
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.14 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

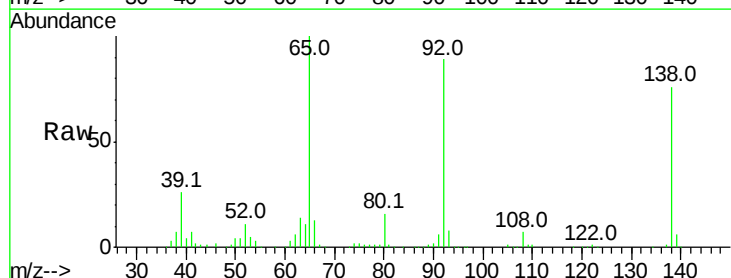
Tgt Ion:138 Resp: 175622

Ion Ratio Lower Upper

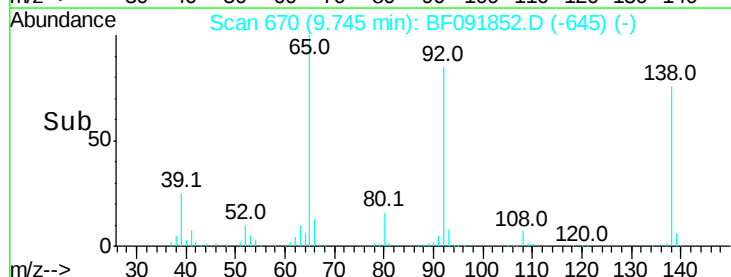
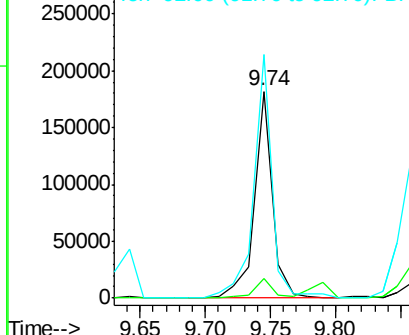
138 100

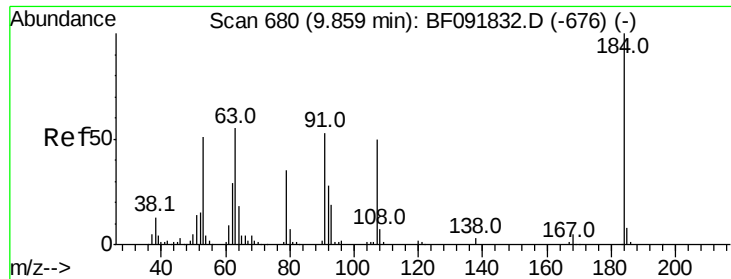
108 9.6 8.5 12.7

92 117.9 97.8 146.8



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





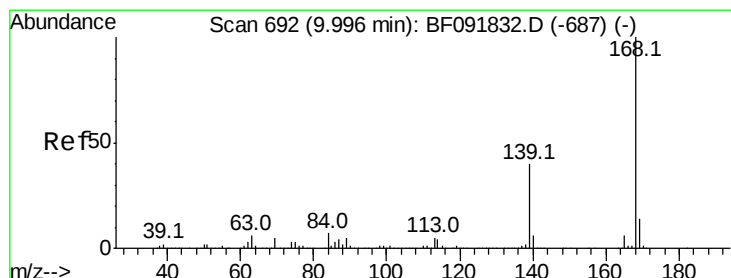
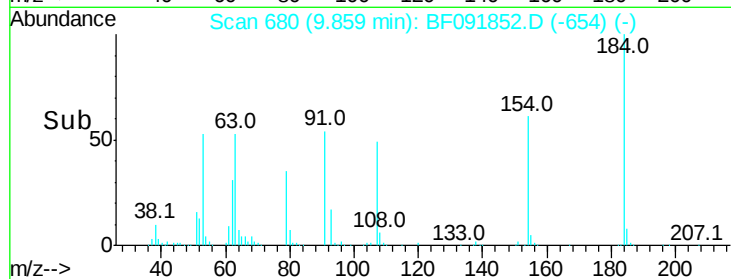
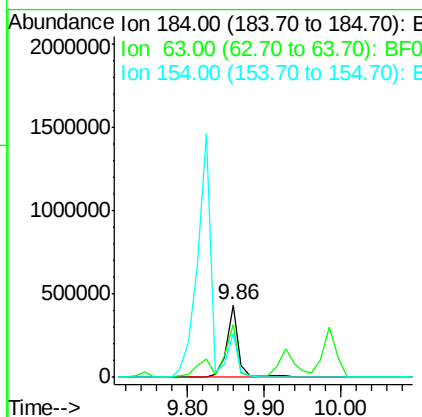
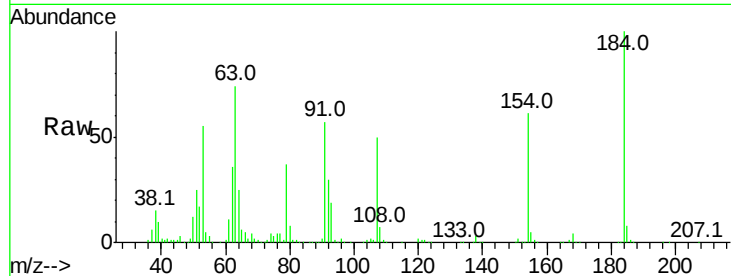
#53
2,4-Dinitrophenol
Concen: 79.82 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	73.8	28.4	42.6	
154	60.8	44.3	66.5	

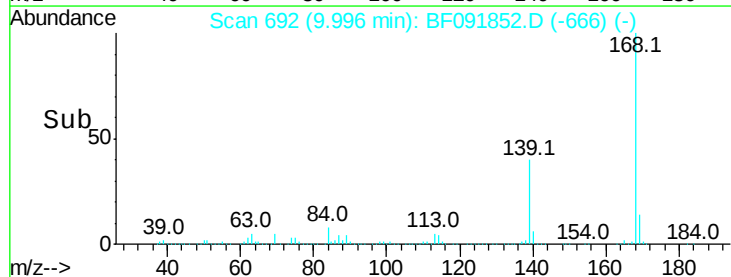
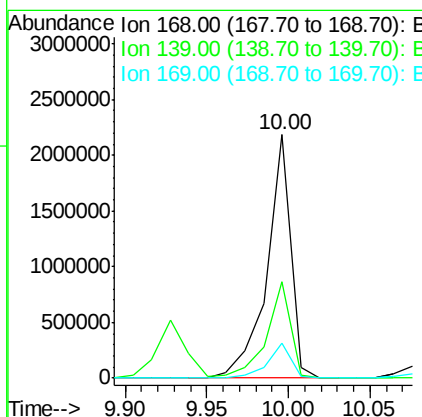
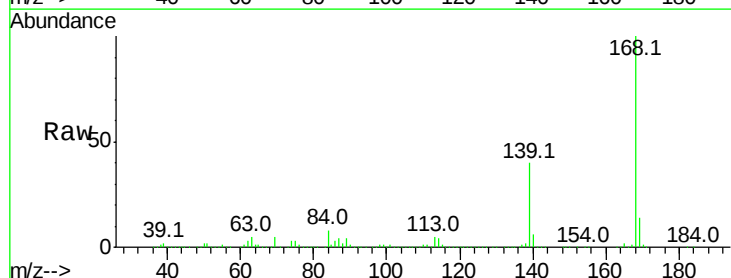
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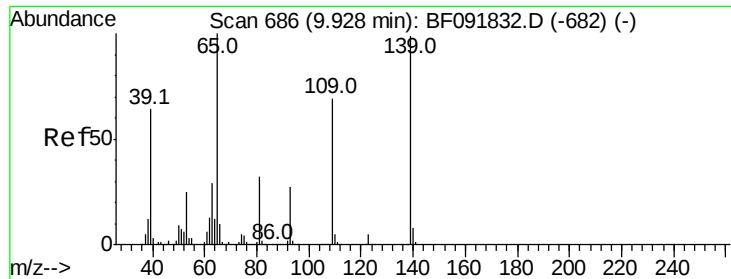
Sohil
12/29/2016 12:01:34 PM



#54
Dibenzofuran
Concen: 37.74 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.6	32.6	49.0	
169	14.2	11.3	16.9	





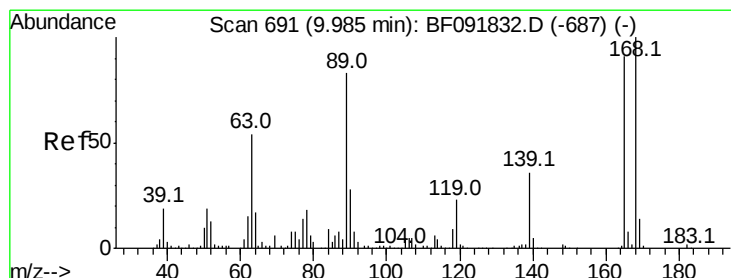
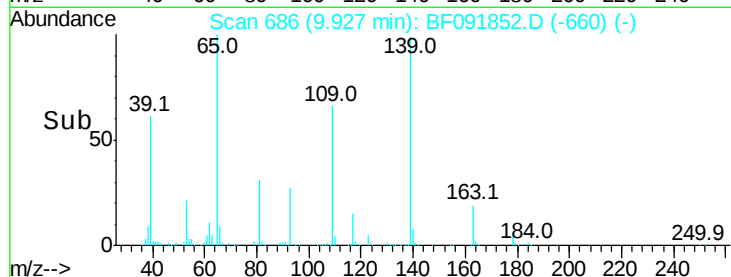
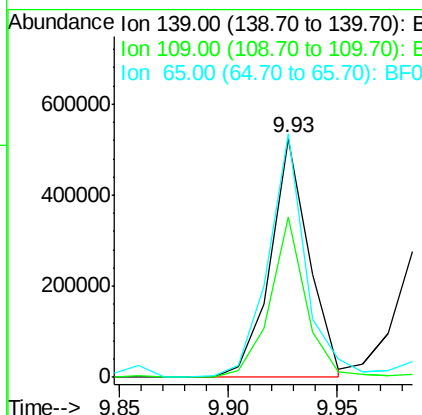
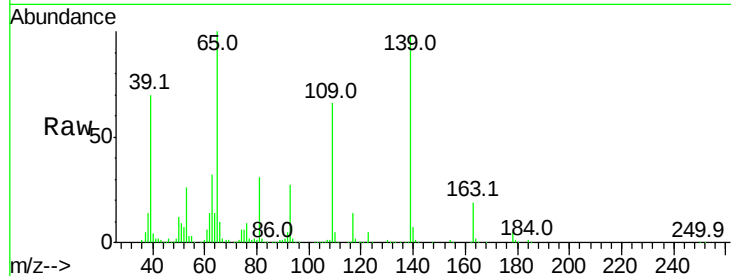
#55
4-Nitrophenol
Concen: 71.83 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.1	52.2	92.2
65	102.0	85.8	125.8

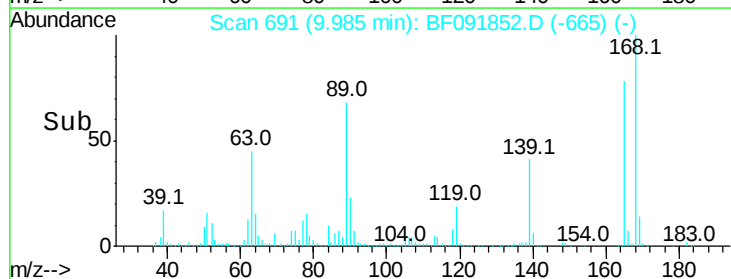
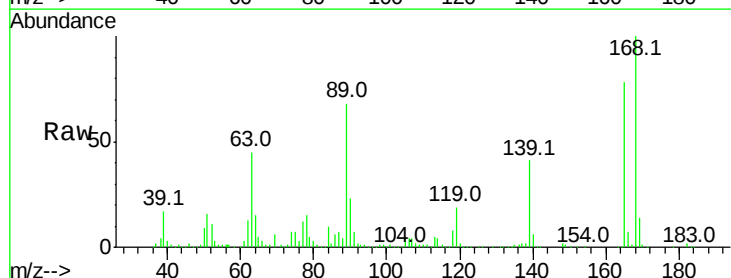
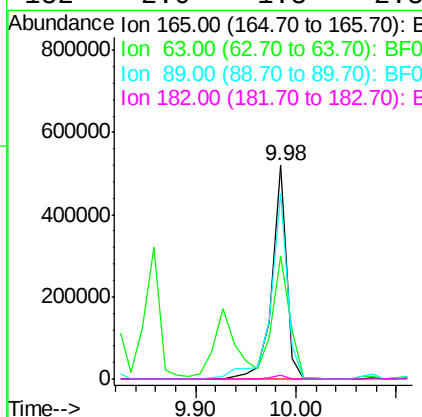
Manual Integrations
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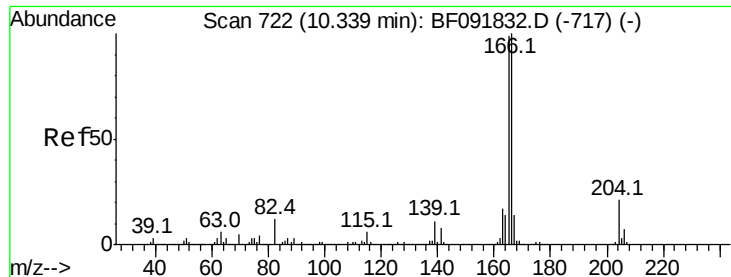
Sohil
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#56
2,4-Dinitrotoluene
Concen: 38.07 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.6	40.2	60.4
89	87.1	62.5	93.7
182	2.0	1.8	2.8





#57

Fluorene

Concen: 41.51 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

PB95527BS

Tot Ion:166 Resp: 1779159

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

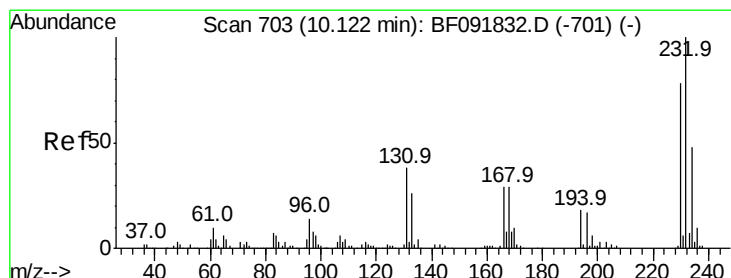
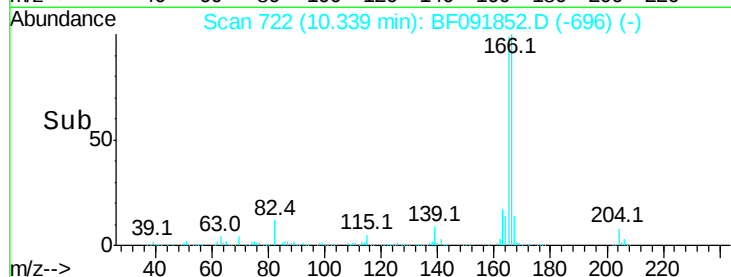
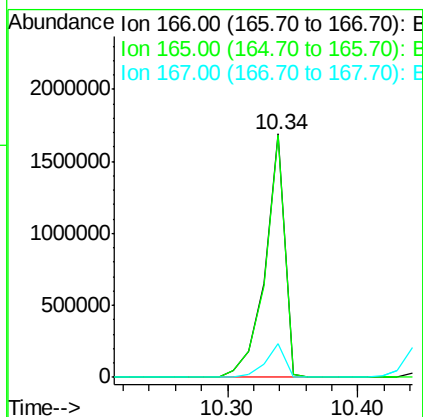
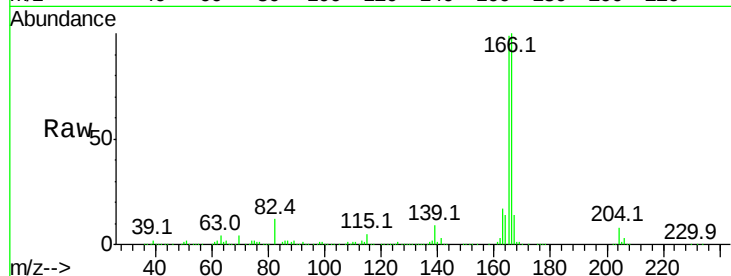
167 13.8 10.8 16.2

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.78 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tgt Ion:232 Resp: 441454

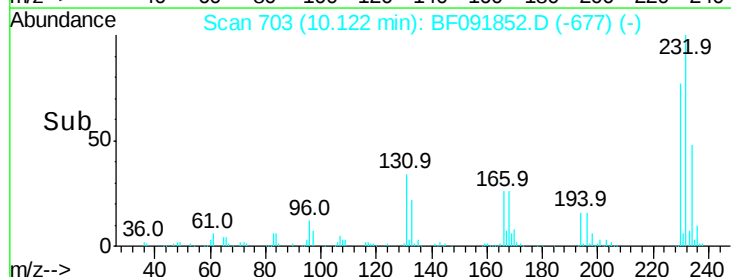
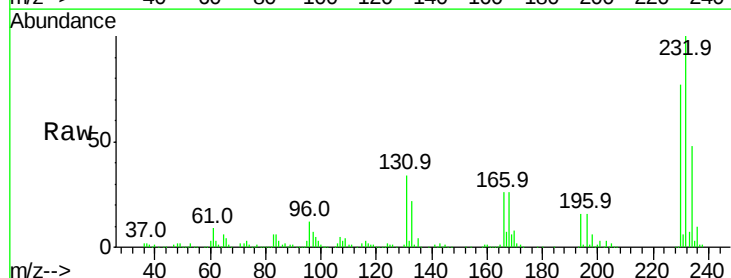
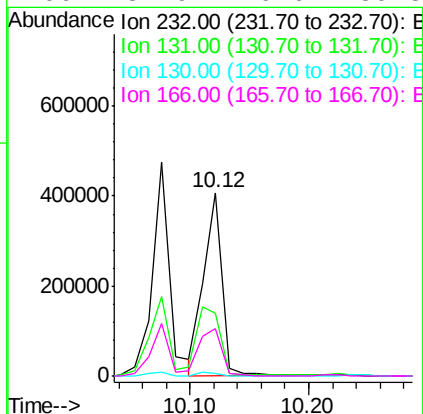
Ion Ratio Lower Upper

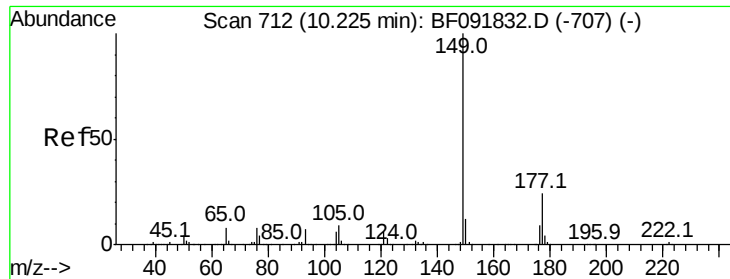
232 100

131 50.6 40.1 60.1

130 2.4 1.8 2.8

166 32.9 26.6 39.8





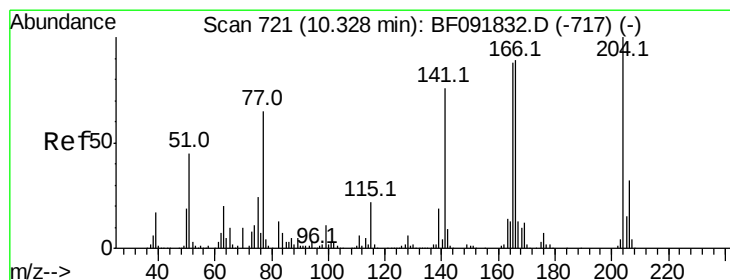
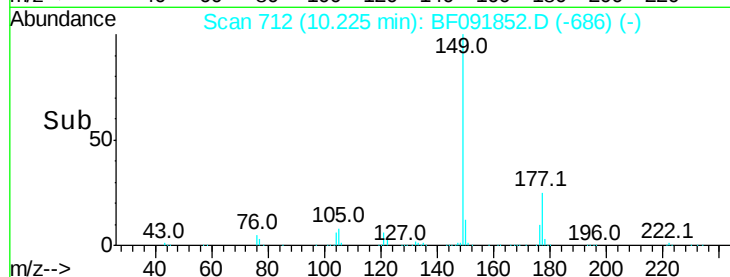
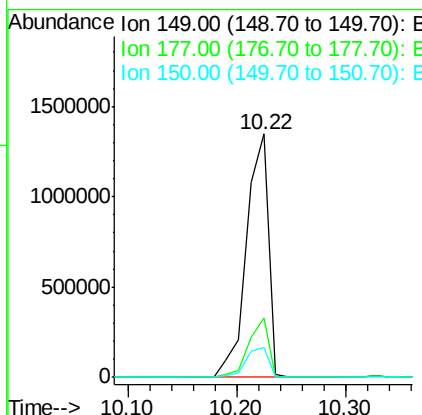
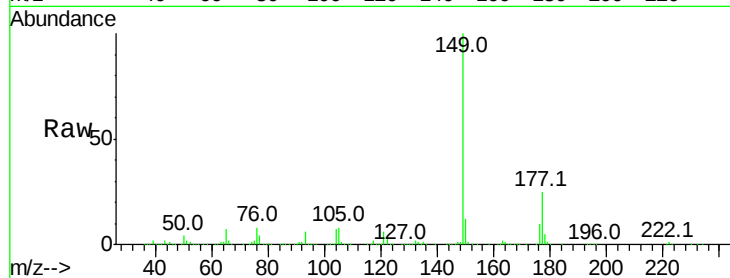
#59
Diethylphthalate
Concen: 39.30 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.5	16.6	25.0
150	12.3	10.4	15.6

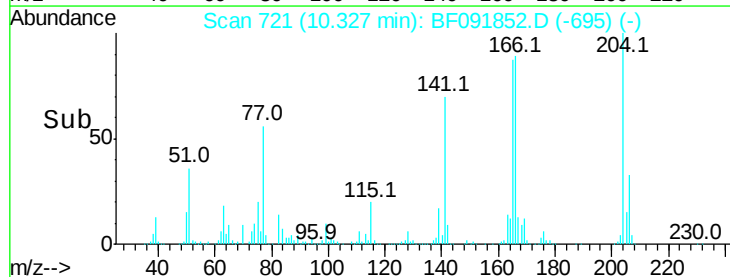
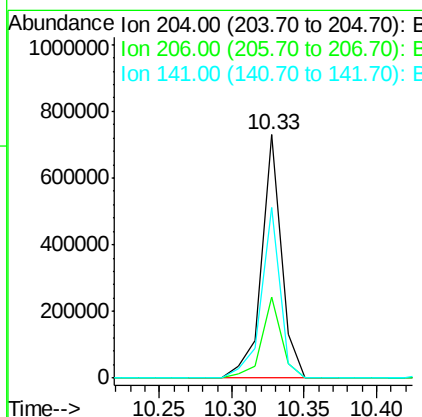
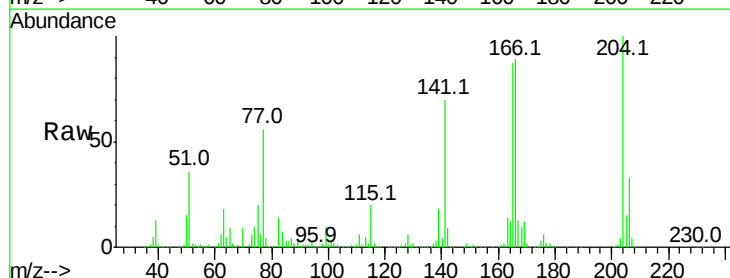
Manual Integrations
APPROVED

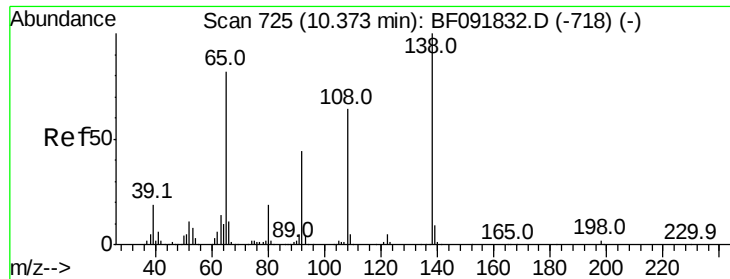
Sohil
12/29/2016 12:01:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.03 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.6
141	70.1	59.4	89.0





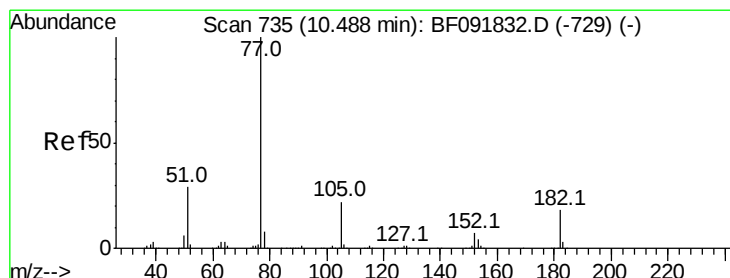
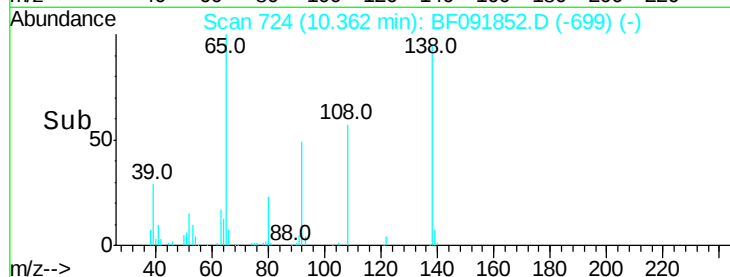
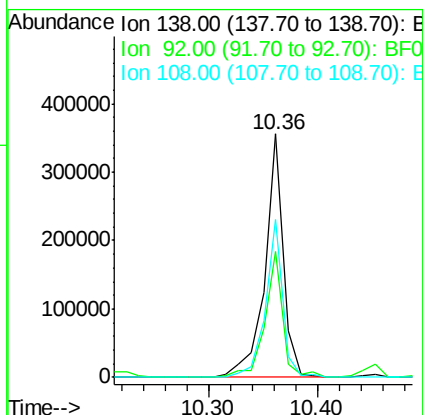
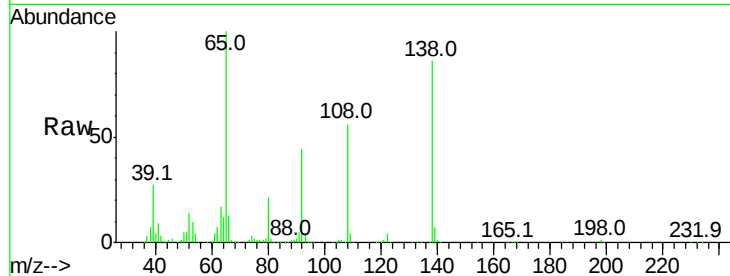
#61
4-Nitroaniline
Concen: 30.49 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.8	31.7	71.7
108	64.8	52.6	92.6

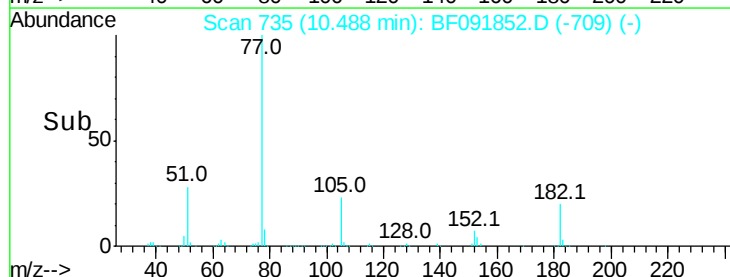
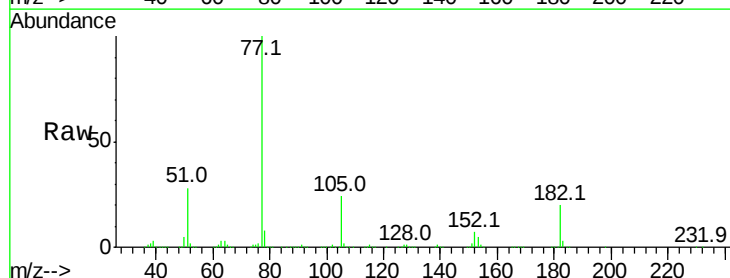
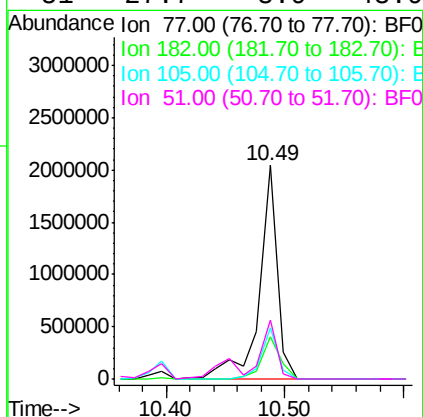
Manual Integrations
APPROVED

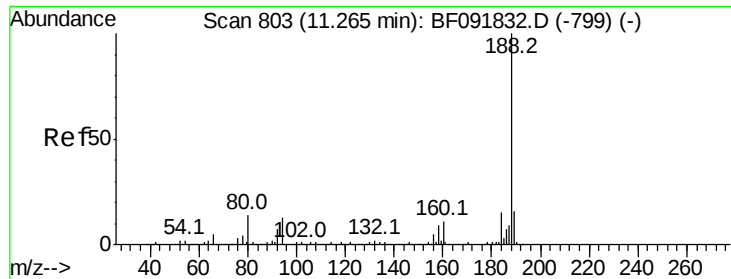
Sohil
12/29/2016 12:01:34 PM



#62
Azobenzene
Concen: 41.18 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	0.0	39.3
105	23.8	2.3	42.3
51	27.7	8.9	48.9





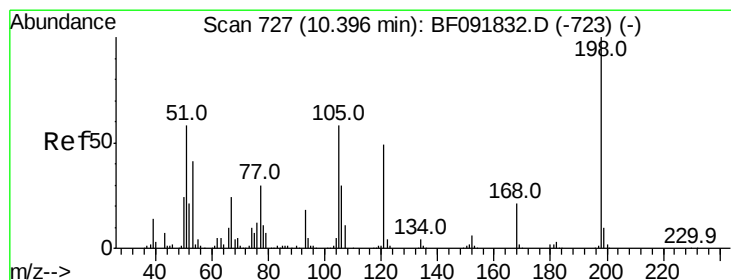
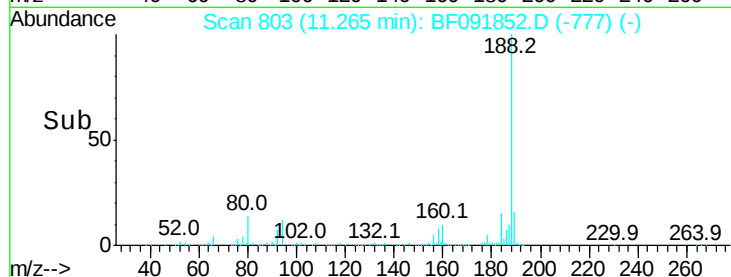
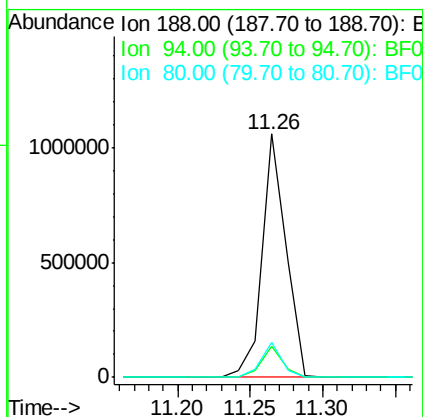
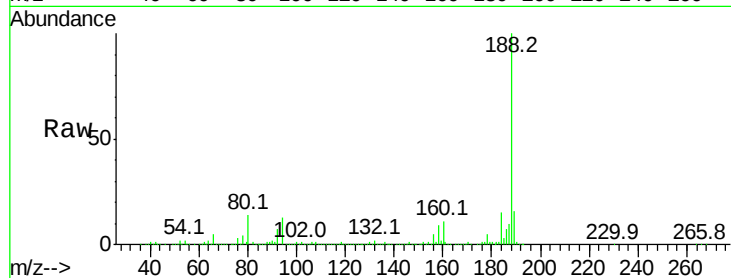
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.9	10.0	15.0
80	14.2	11.2	16.8

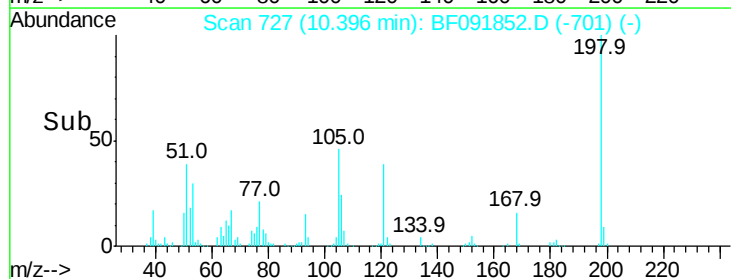
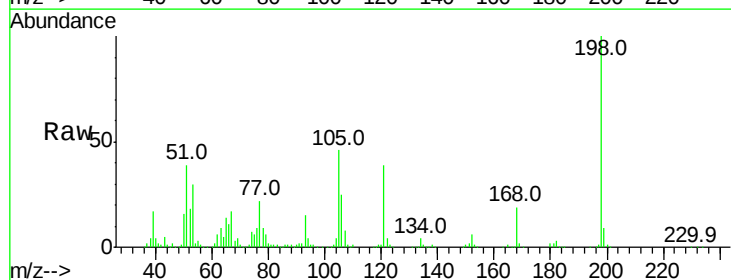
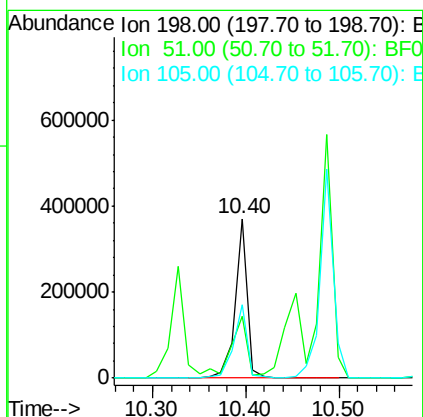
Manual Integrations
APPROVED

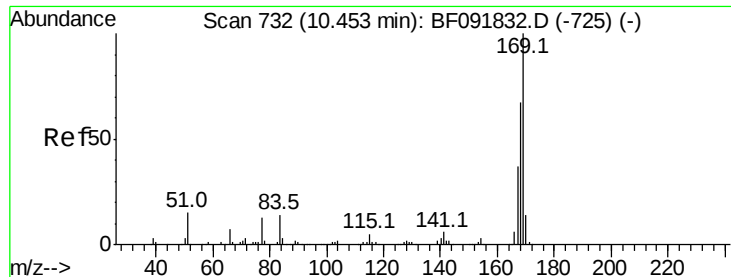
Sohil
12/29/2016 12:01:34 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.09 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.9	6.7	46.7
105	45.8	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 44.60 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

PB95527BS

Tot Ion:169 Resp: 1588940

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

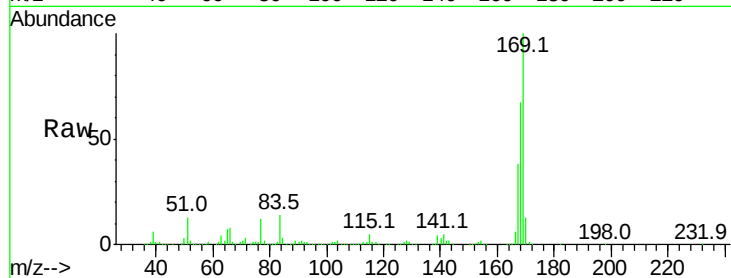
167 38.2 30.2 45.4

Manual Integrations

APPROVED

Sohil

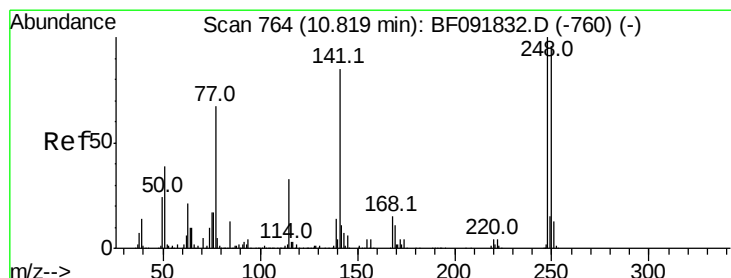
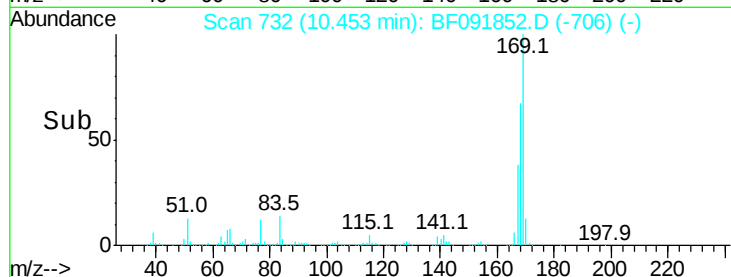
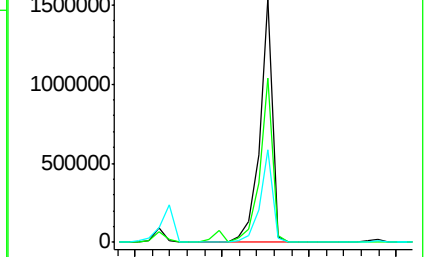
12/29/2016 12:01:34 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.39 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

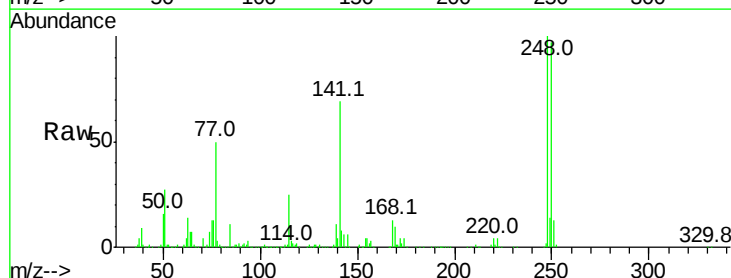
Tgt Ion:248 Resp: 517005

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

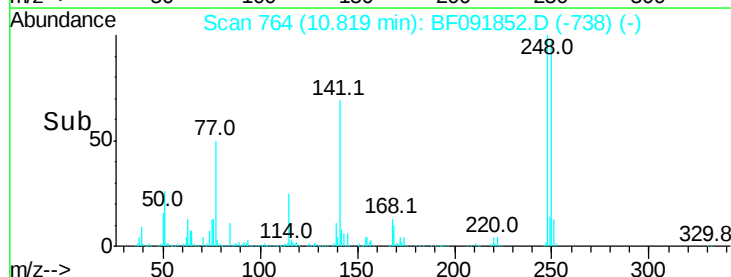
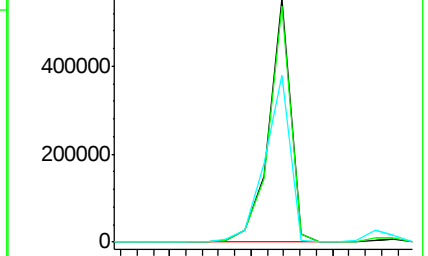
141 68.8 68.2 102.4

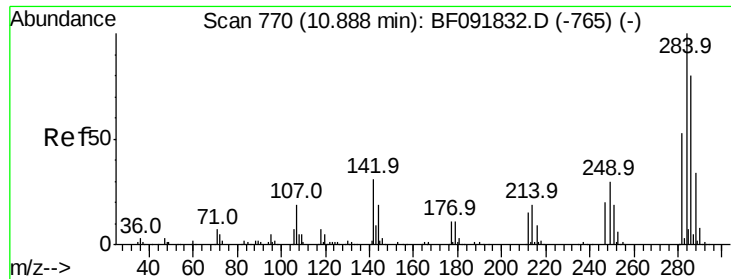


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





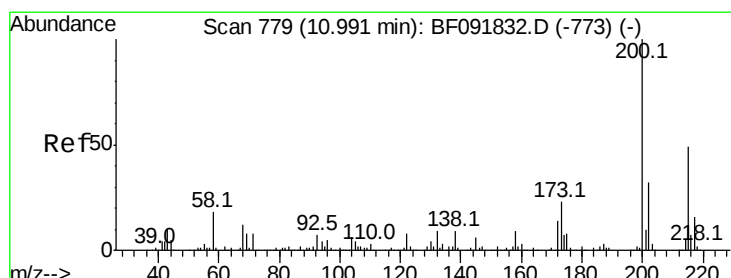
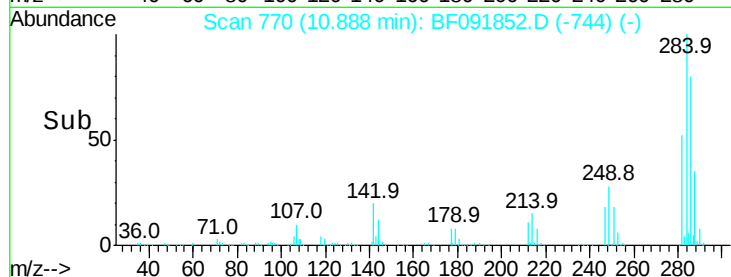
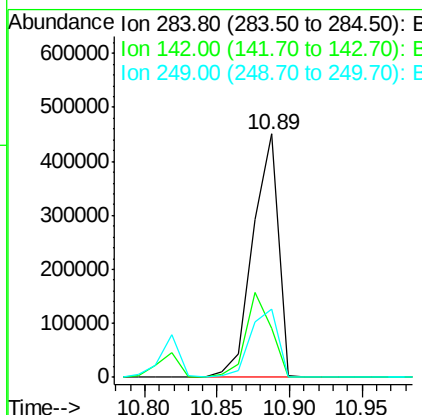
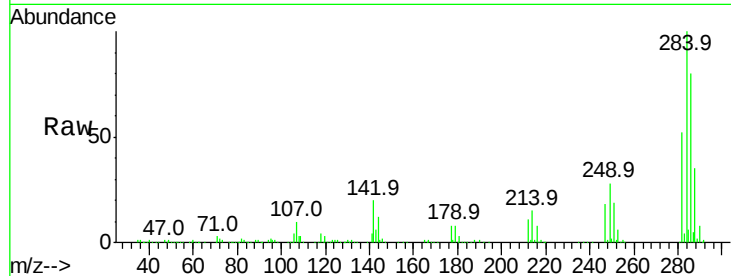
#67
Hexachlorobenzene
Concen: 41.18 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	20.3	22.6	33.8#	
249	28.2	25.4	38.0	

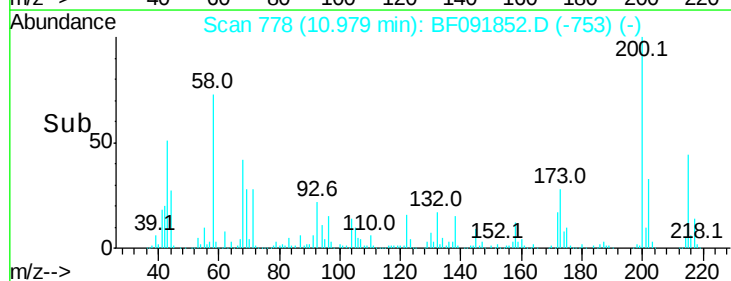
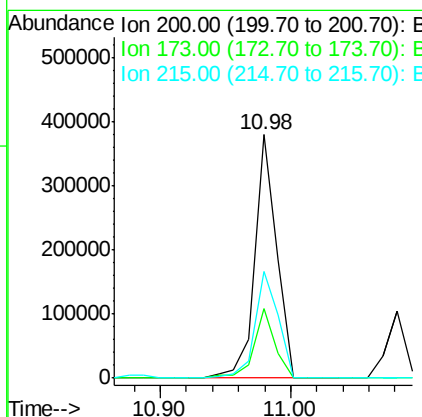
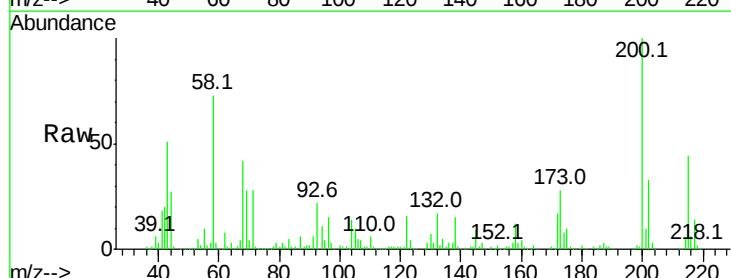
Manual Integrations
APPROVED

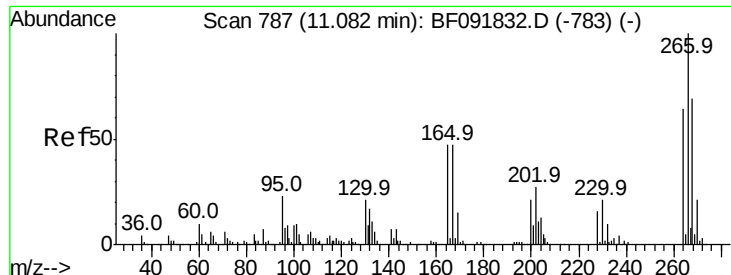
Sohil
12/29/2016 12:01:34 PM



#68
Atrazine
Concen: 38.64 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.4	9.6	49.6	
215	44.1	25.7	65.7	





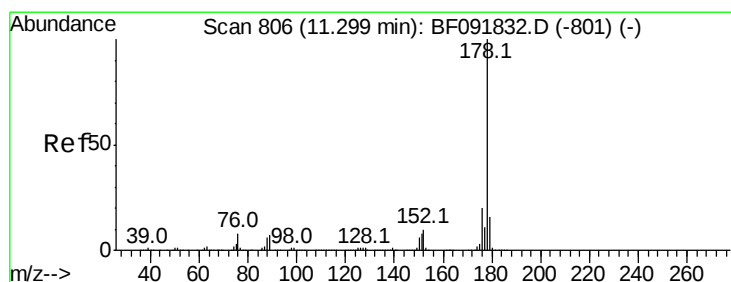
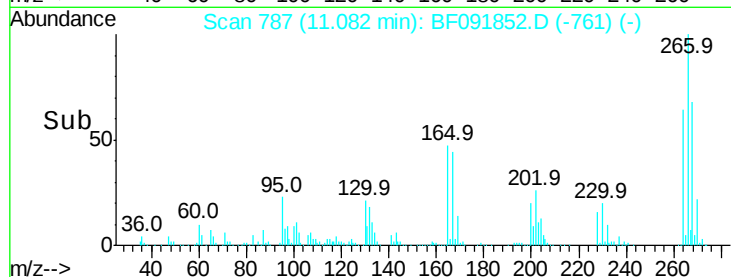
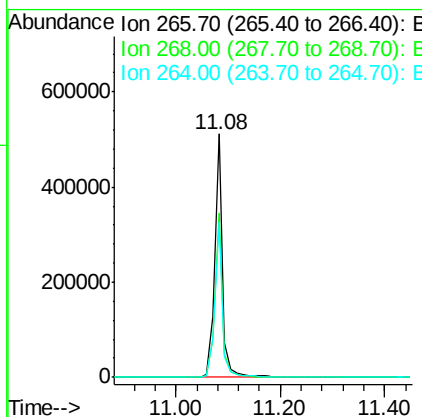
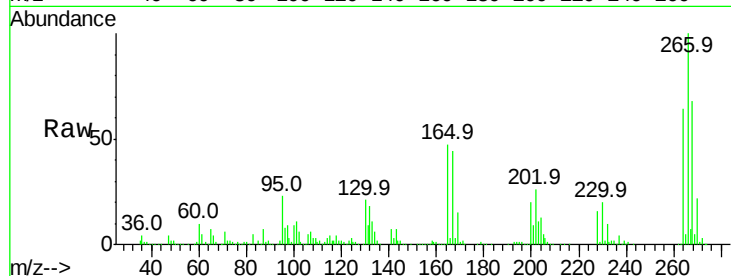
#69
 Pentachlorophenol
 Concen: 81.22 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Instrument :
 BNA_F
 ClientSampleId :
 PB95527BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.7	53.3	79.9
264	63.8	50.3	75.5

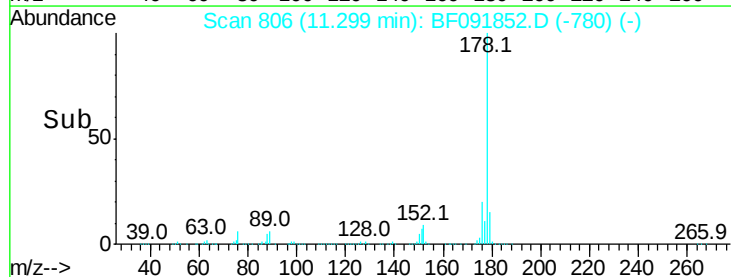
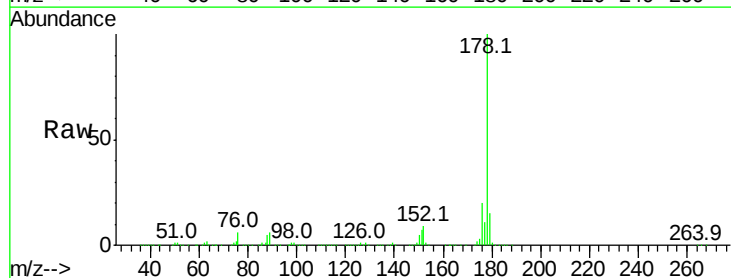
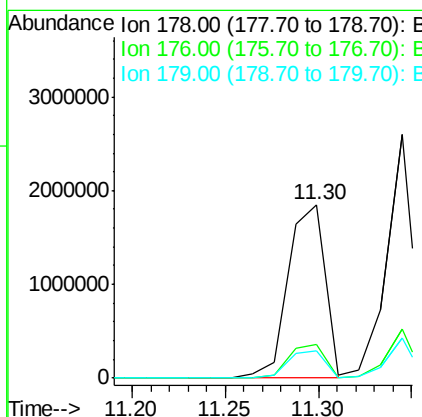
Manual Integrations
 APPROVED

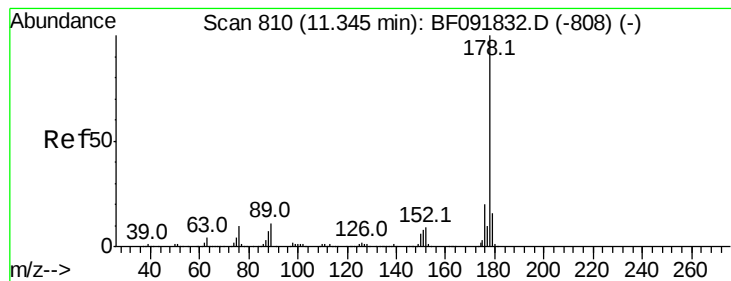
Sohil
 12/29/2016 12:01:34 PM



#70
 Phenanthrene
 Concen: 39.33 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	15.5	12.8	19.2





#71
 Anthracene
 Concen: 41.91 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

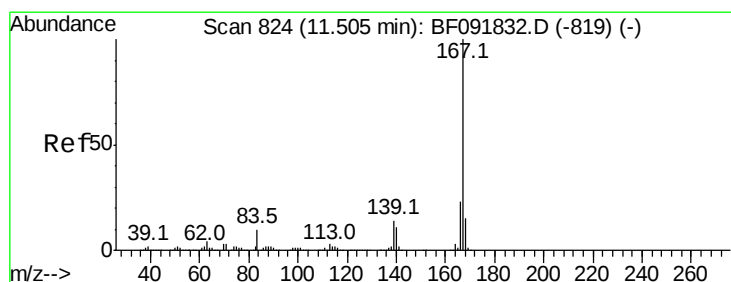
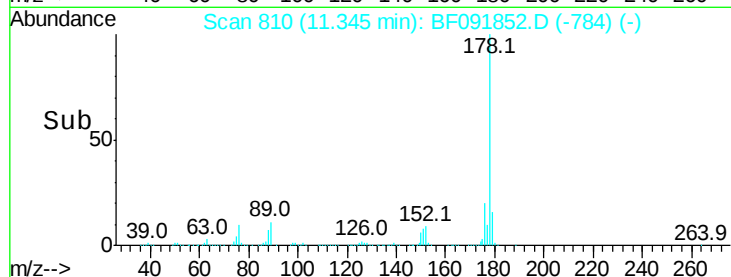
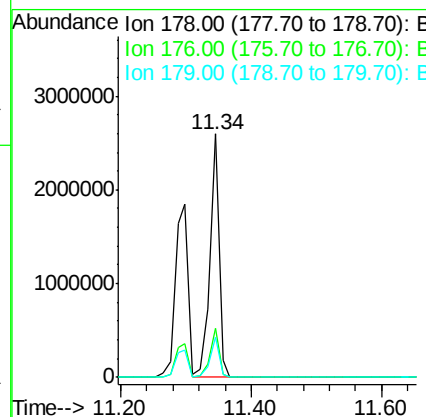
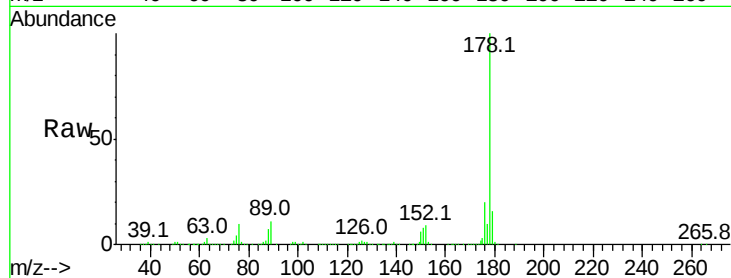
Instrument :
 BNA_F
 ClientSampleId :
 PB95527BS

Tot Ion:178 Resp: 2476905

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	16.4	13.2	19.8

Manual Integrations
 APPROVED

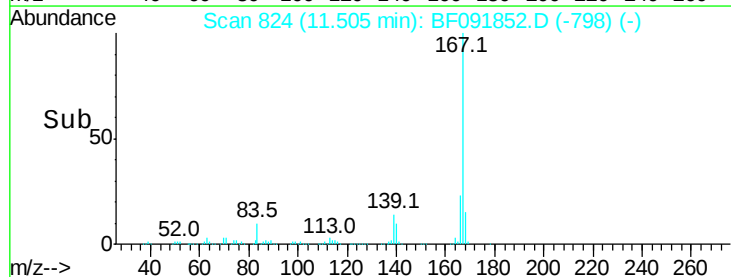
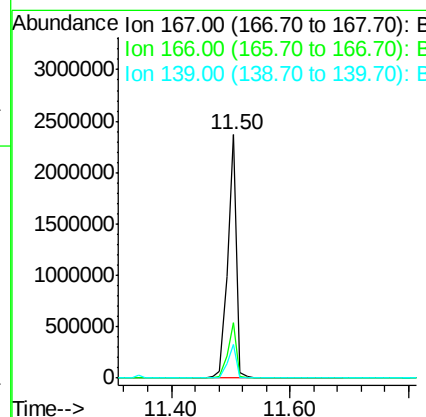
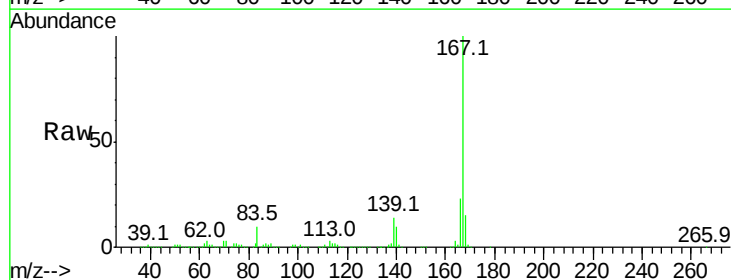
Sohil
 12/29/2016 12:01:34 PM

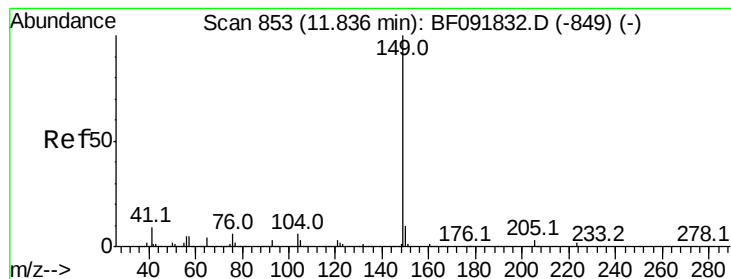


#72
 Carbazole
 Concen: 45.32 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion:167 Resp: 2422500

Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.2
139	13.8	11.4	17.2





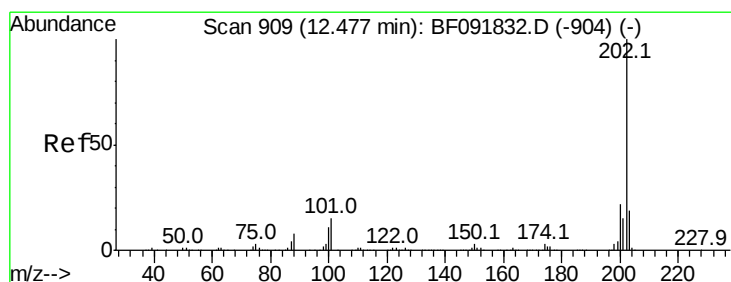
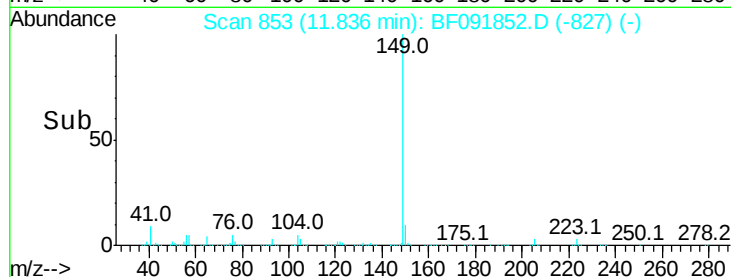
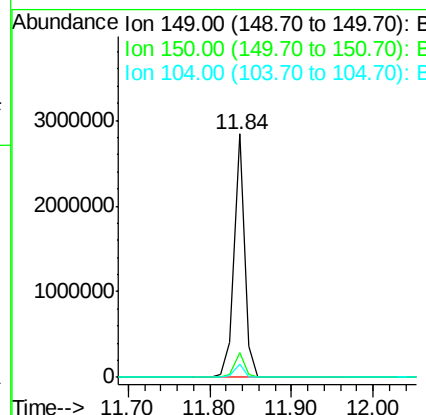
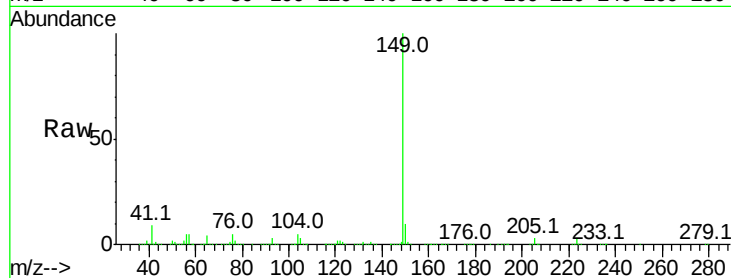
#73
Di-n-butylphthalate
Concen: 40.33 ng
RT: 11.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion:149 Resp: 2514257
Ion Ratio Lower Upper
149 100
150 10.2 8.1 12.1
104 5.5 4.6 7.0

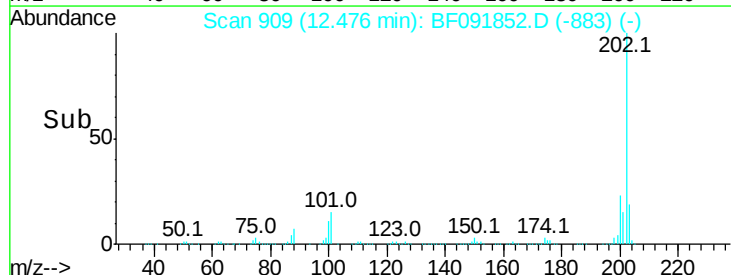
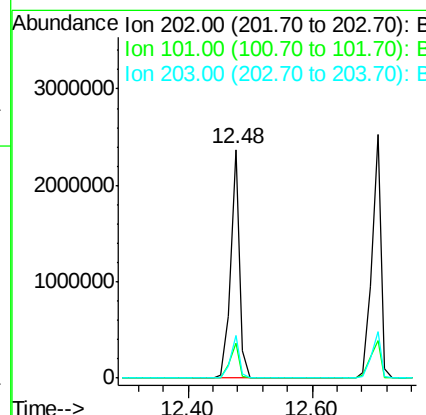
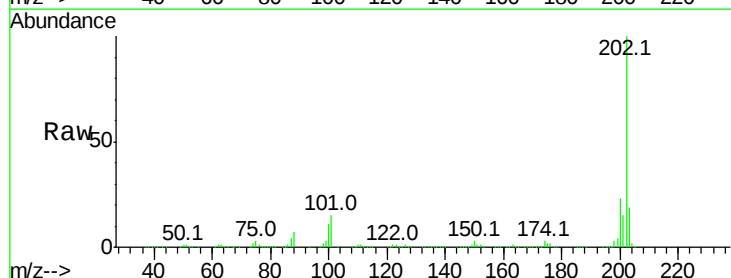
Manual Integrations
APPROVED

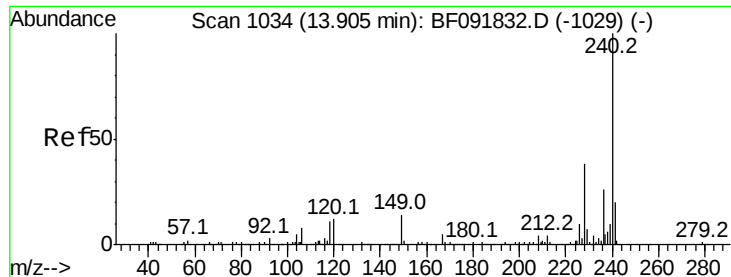
Sohil
12/29/2016 12:01:34 PM



#74
Fluoranthene
Concen: 40.04 ng
RT: 12.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:202 Resp: 2311208
Ion Ratio Lower Upper
202 100
101 15.1 0.0 34.6
203 18.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

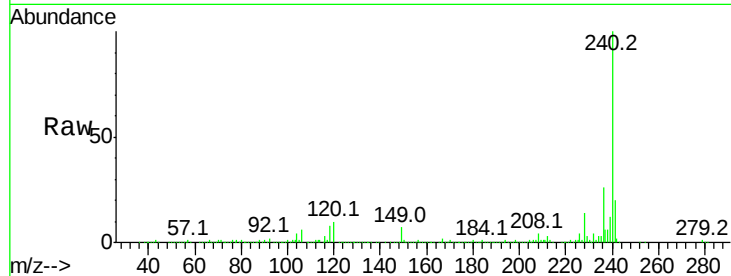
ClientSampleId :

PB95527BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.9	19.3#
236	26.1	20.9	31.3

Manual Integrations
APPROVED

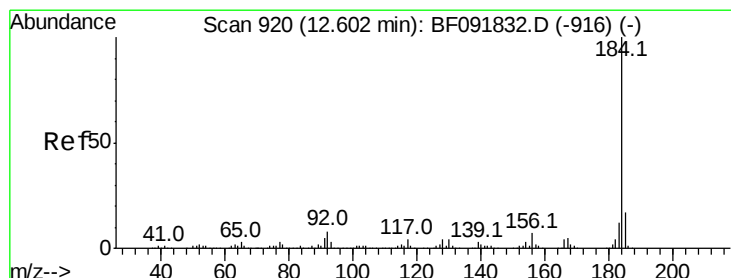
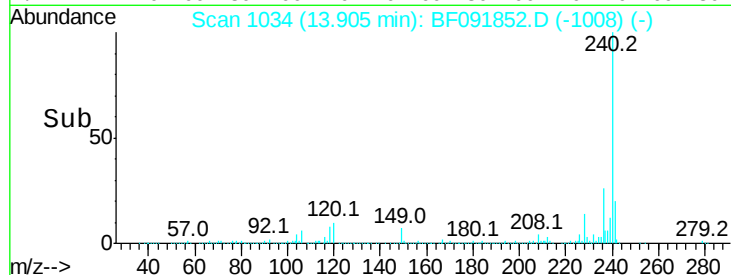
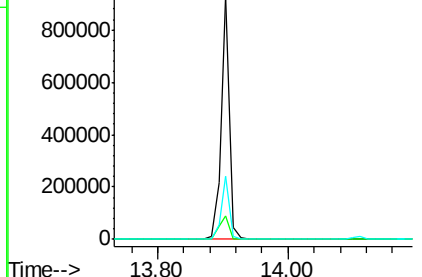
Sohil
12/29/2016 12:01:34 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.91 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091852.D

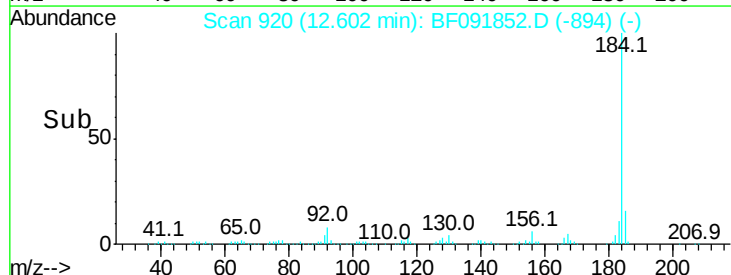
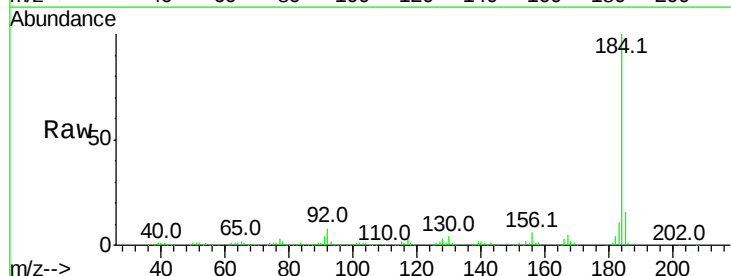
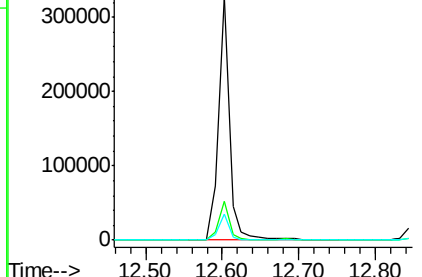
Acq: 21 Dec 2016 23:51

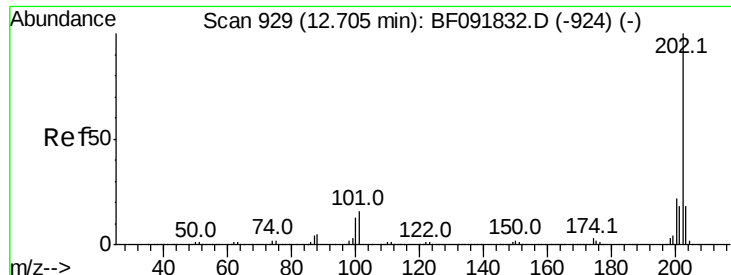
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.4	20.0
183	10.8	9.2	13.8

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





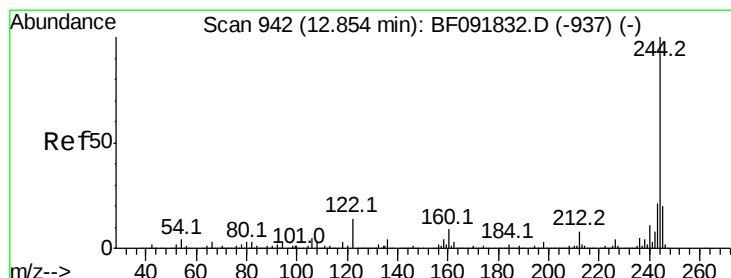
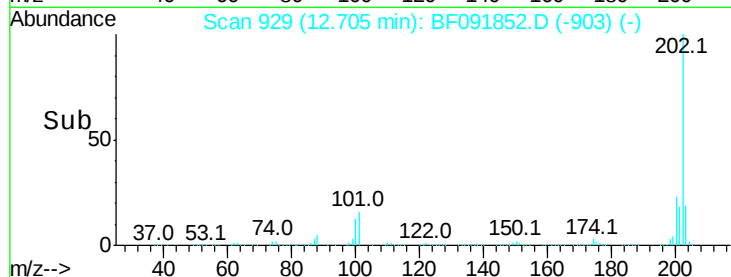
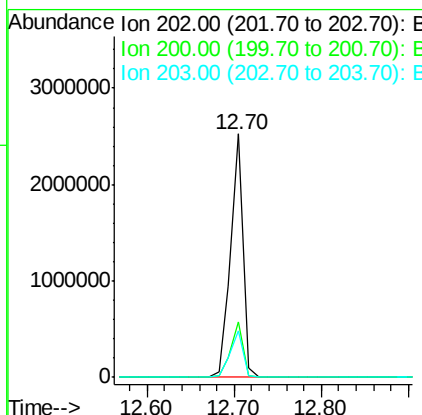
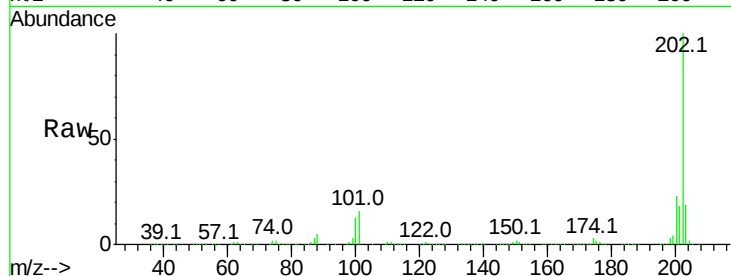
#77
Pvrene
Concen: 40.60 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.7	26.5
203	18.9	14.7	22.1

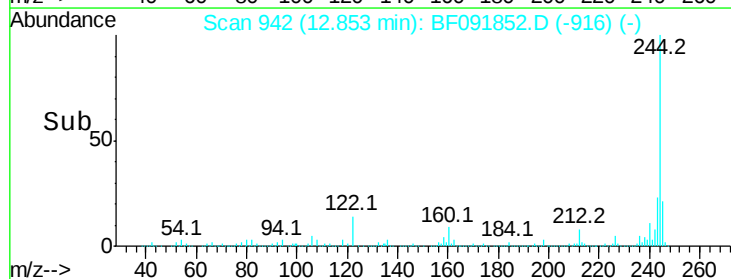
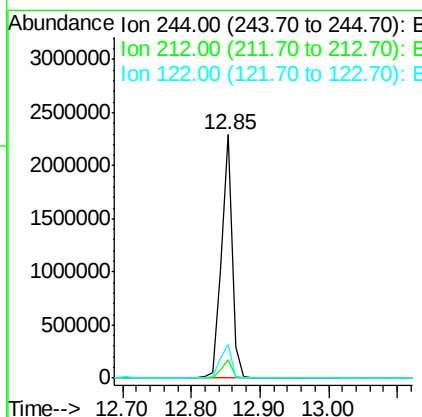
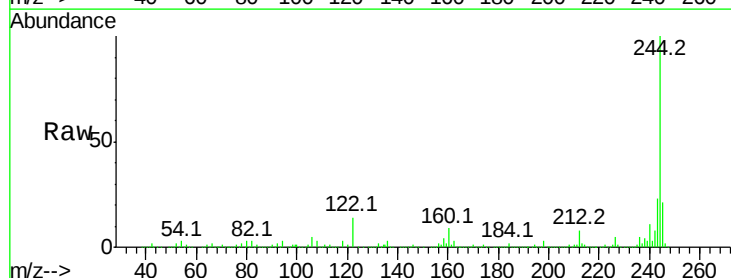
Manual Integrations
APPROVED

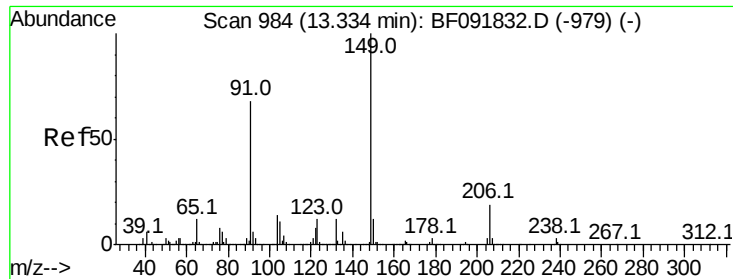
Sohil
12/29/2016 12:01:34 PM



#78
Terphenyl-d14
Concen: 73.35 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.8	11.4	17.2





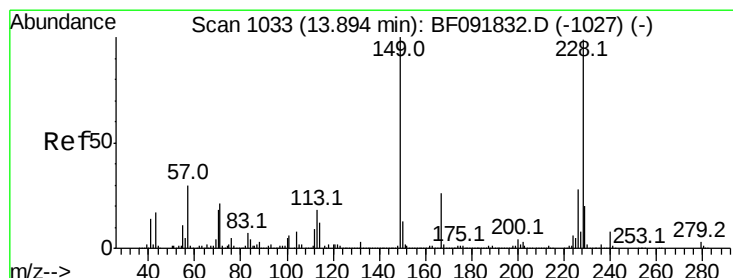
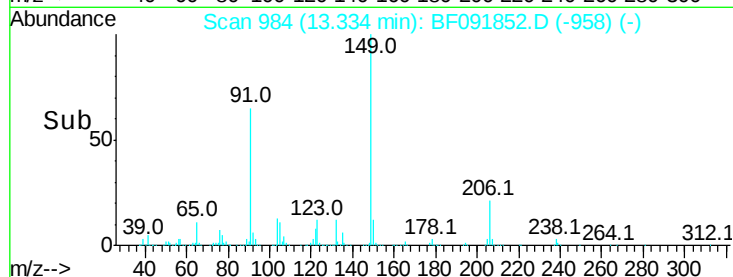
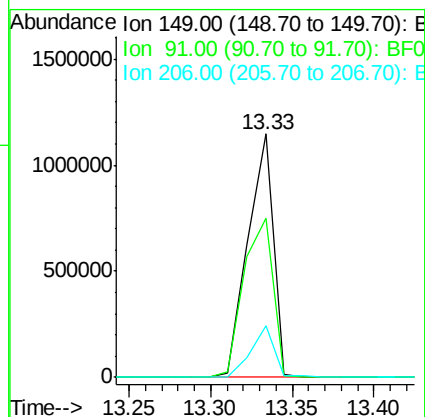
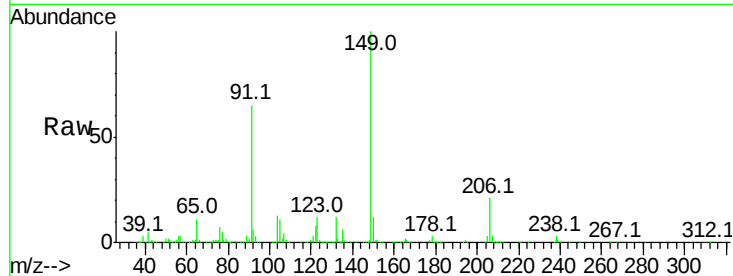
#79
Butylbenzylphthalate
Concen: 44.29 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.5	63.9	95.9
206	21.2	14.6	21.8

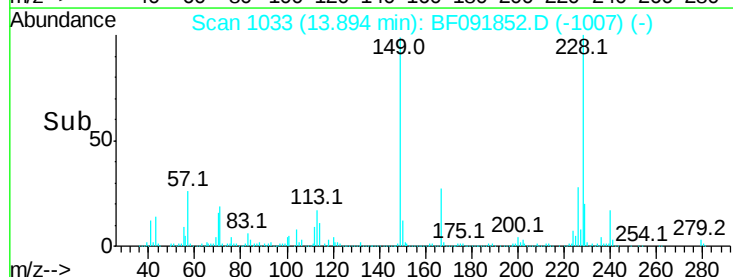
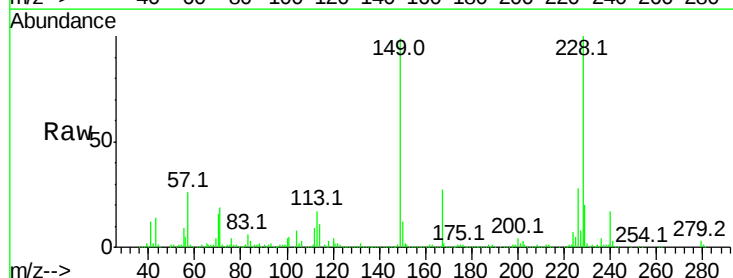
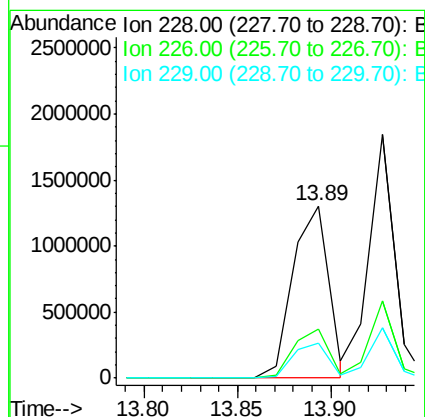
Manual Integrations
APPROVED

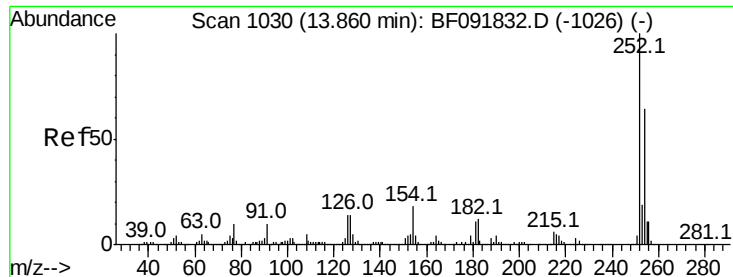
Sohil
12/29/2016 12:01:34 PM



#80
Benzo(a)anthracene
Concen: 36.92 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	20.2	16.2	24.4





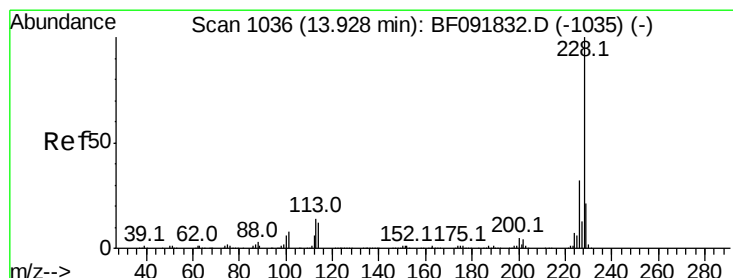
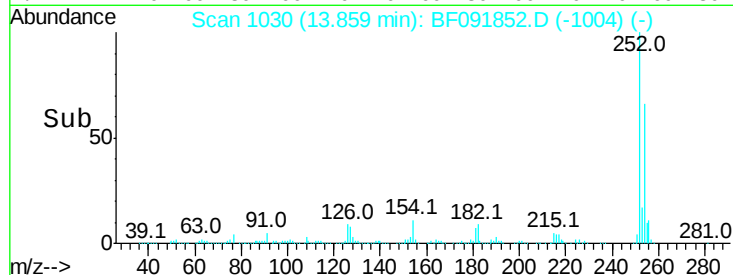
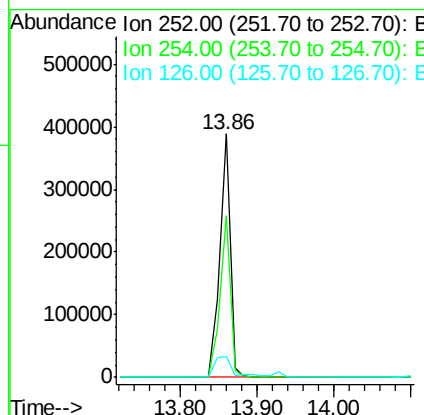
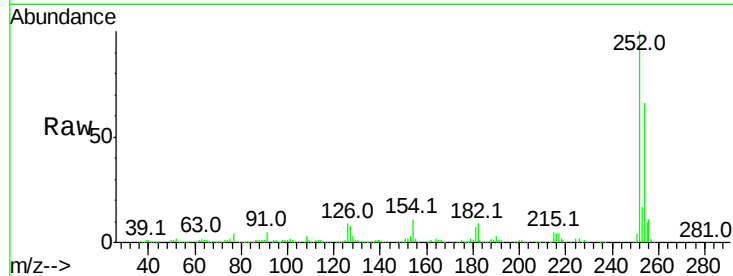
#81
 3,3'-Dichlorobenzidine
 Concen: 20.41 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Instrument :
 BNA_F
 ClientSampleId :
 PB95527BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	367088		
254	66.2	52.3	78.5	
126	8.8	13.6	20.4	

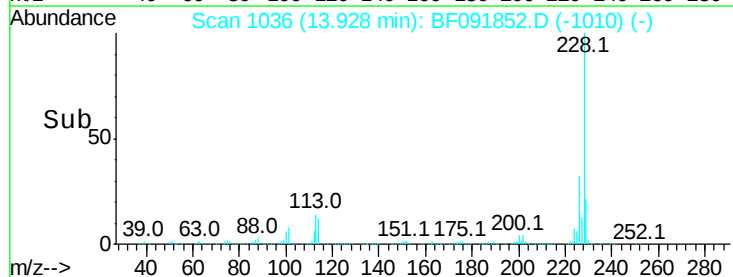
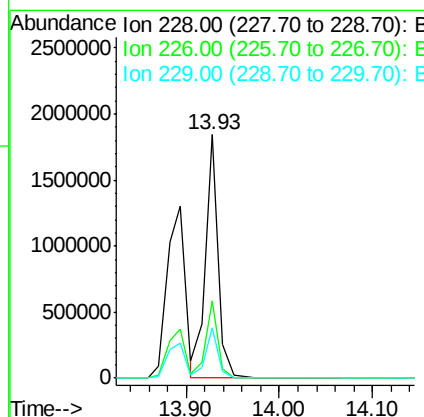
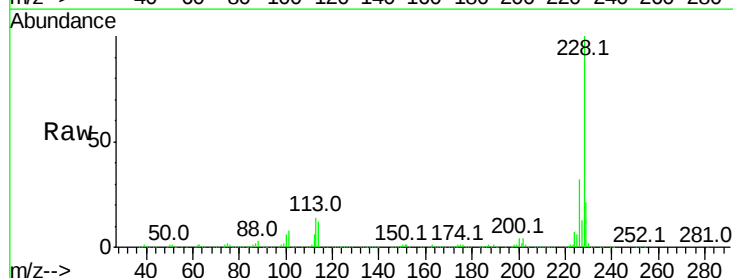
Manual Integrations
 APPROVED

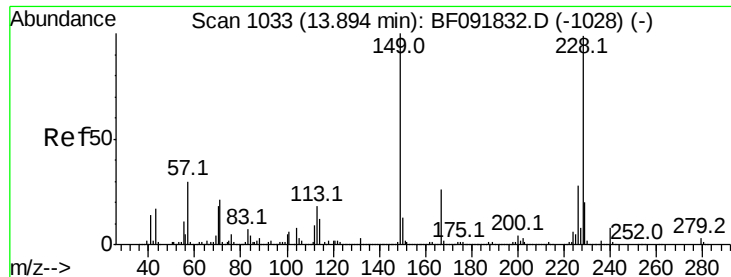
Sohil
 12/29/2016 12:01:34 PM



#82
 Chrysene
 Concen: 36.73 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1747121		
226	31.6	25.4	38.0	
229	20.8	16.2	24.2	





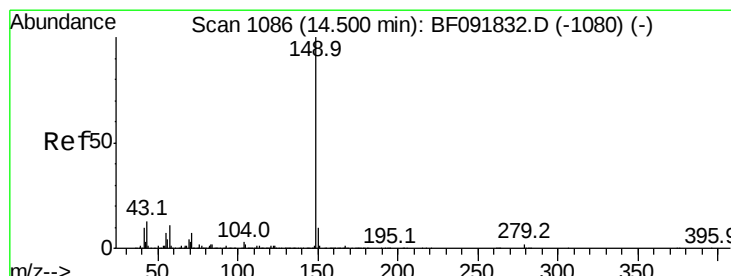
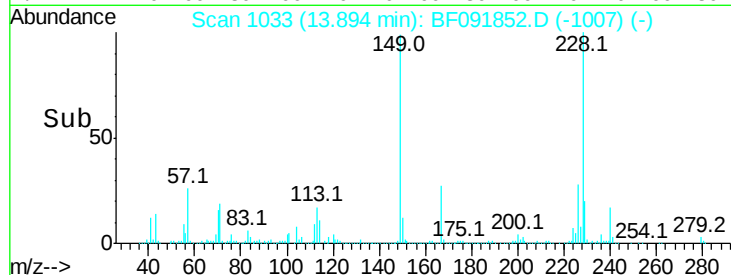
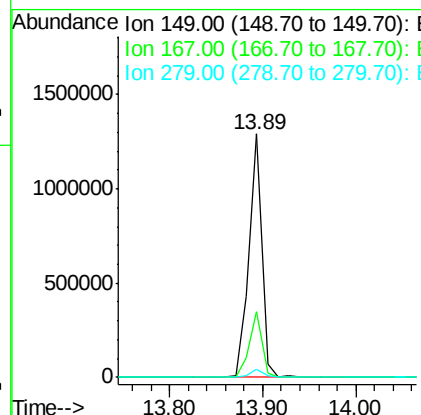
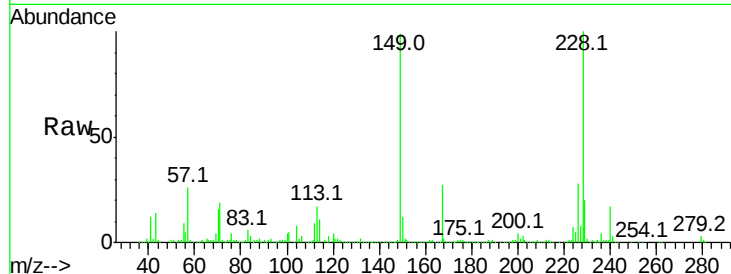
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.84 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Instrument :
 BNA_F
 ClientSampleId :
 PB95527BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.2	30.4
279	3.3	1.8	2.8

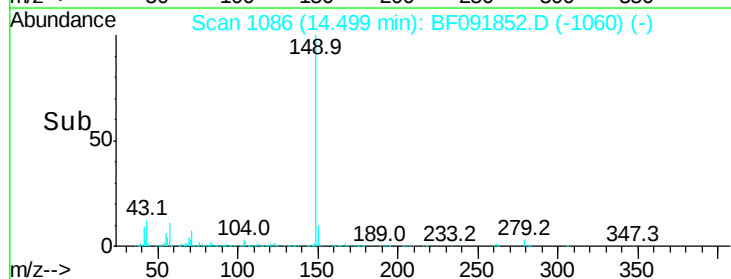
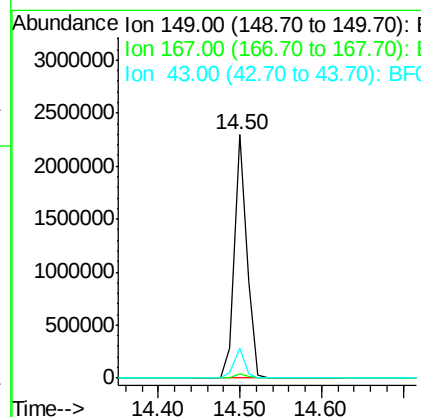
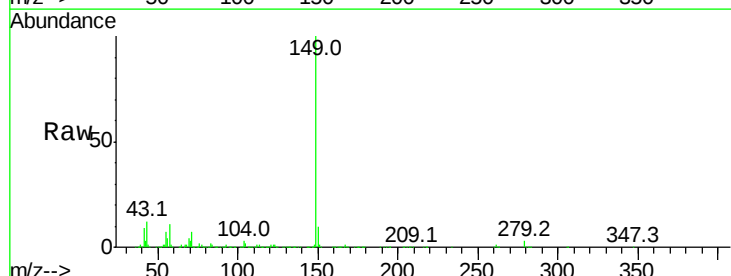
Manual Integrations
 APPROVED

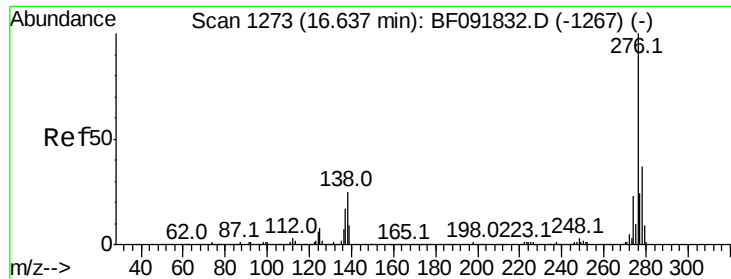
Sohil
 12/29/2016 12:01:34 PM



#84
 Di-n-octyl phthalate
 Concen: 39.71 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.6	8.9	13.3





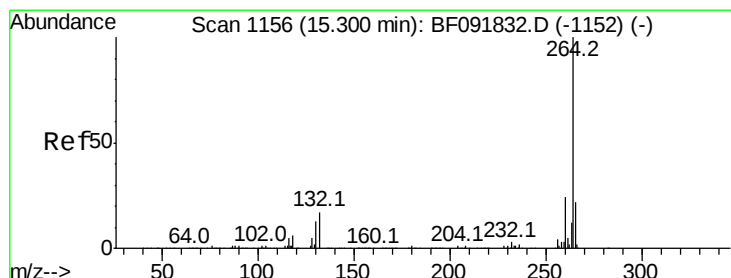
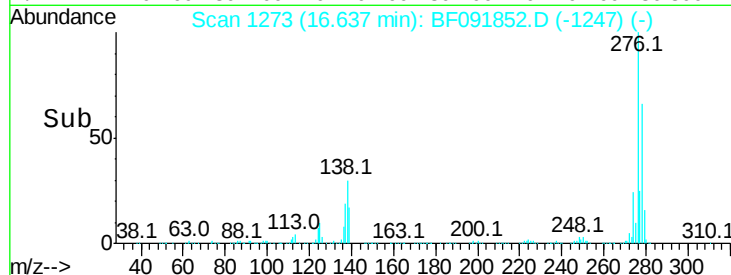
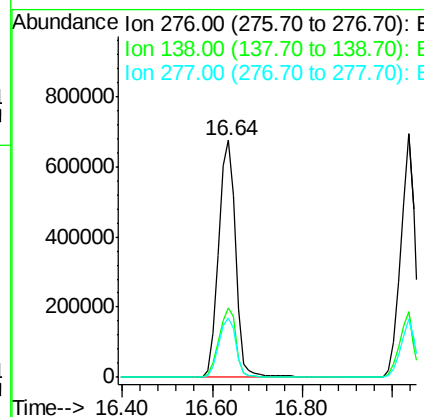
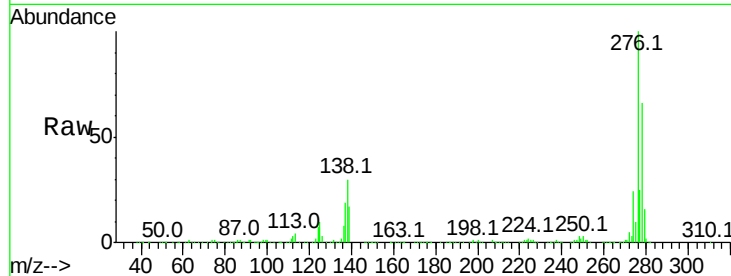
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.37 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	21.8	32.6
277	25.1	20.2	30.4

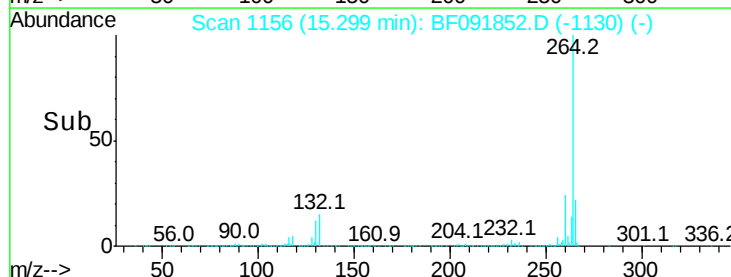
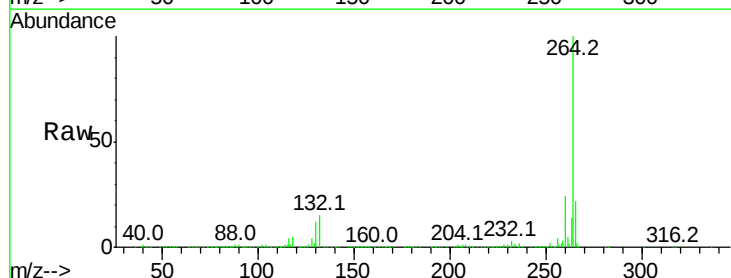
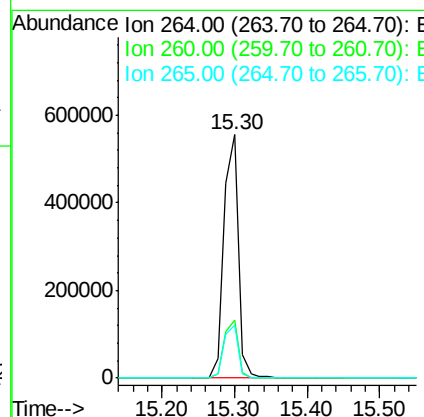
Manual Integrations
APPROVED

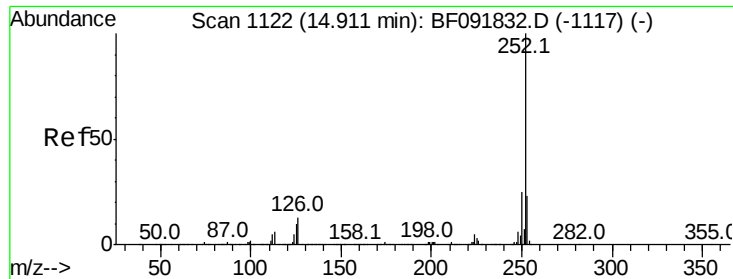
Sohil
12/29/2016 12:01:34 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 45.06 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

PB95527BS

Tot Ion:252 Resp: 2161308

Ion Ratio Lower Upper

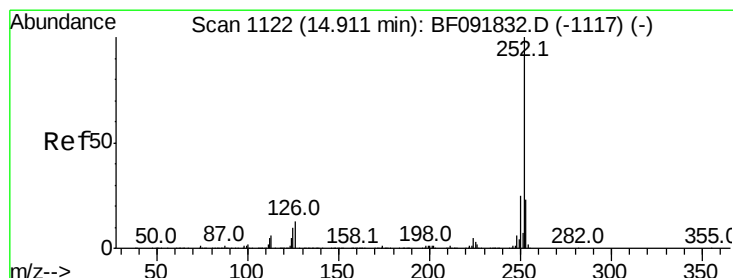
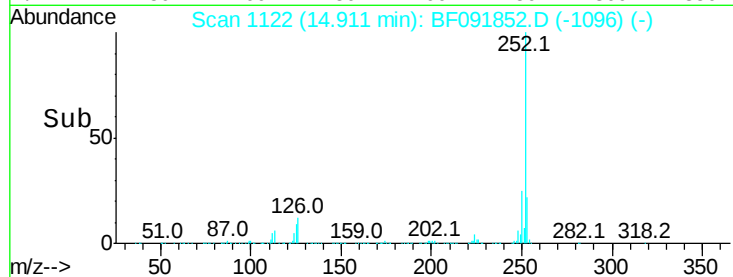
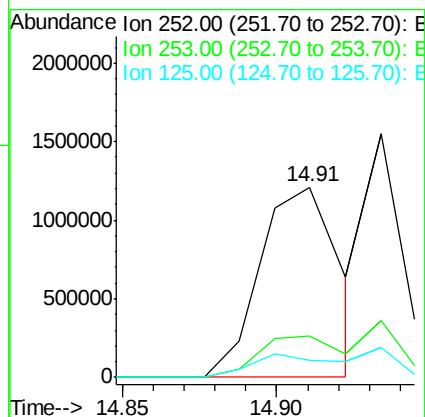
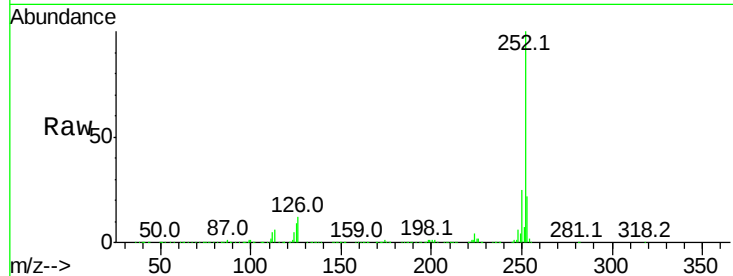
252 100

253 22.1 18.2 27.4

125 9.0 9.8 14.6#

Manual Integrations
APPROVED

Sohil
12/29/2016 12:01:34 PM



#88

Benzo(k)fluoranthene

Concen: 32.51 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

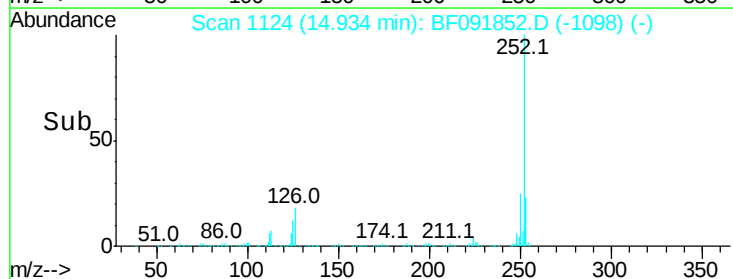
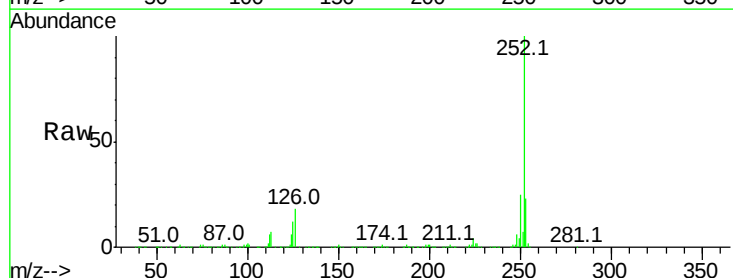
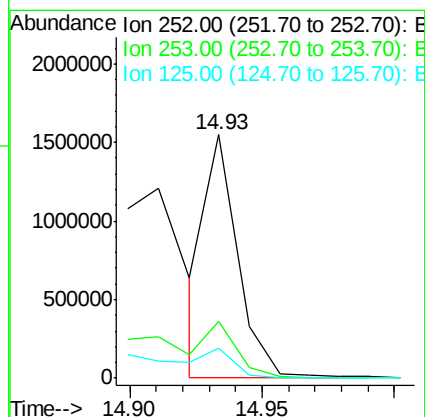
Tgt Ion:252 Resp: 1329940

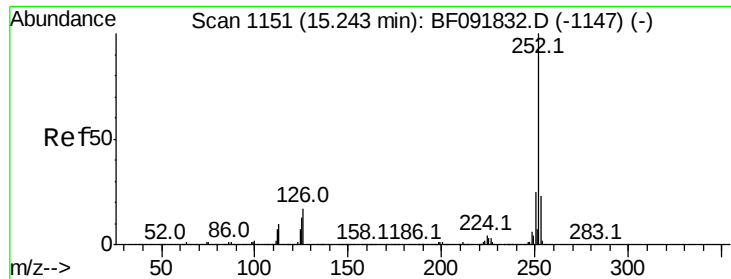
Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

125 12.5 8.9 13.3





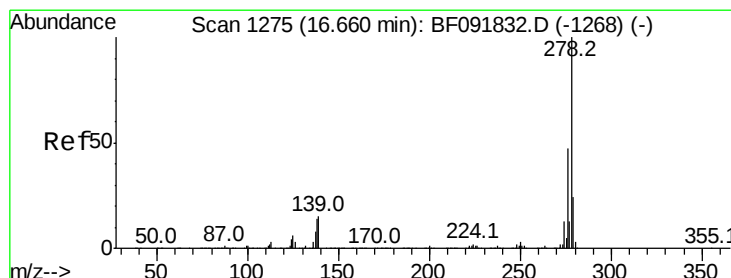
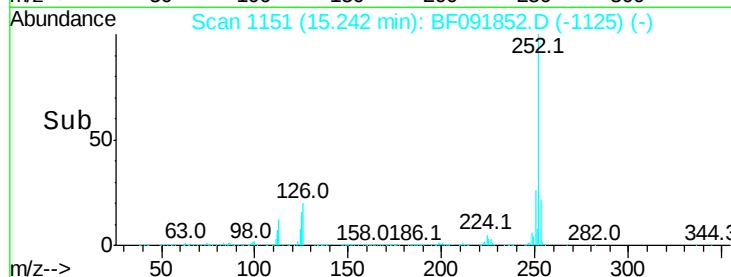
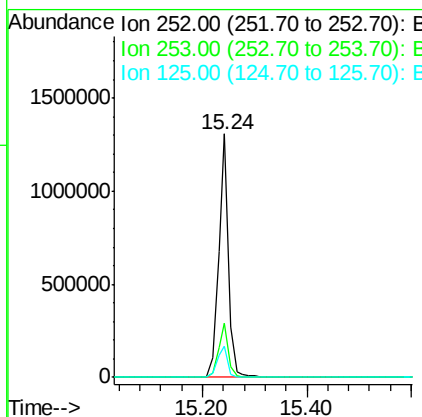
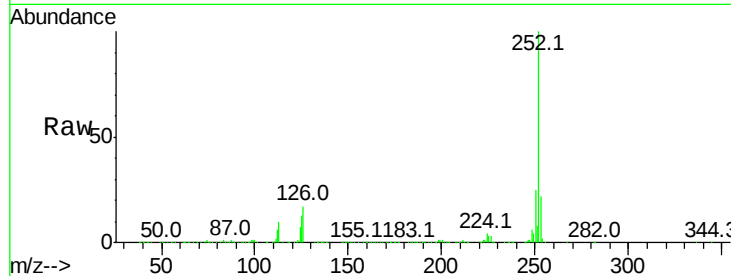
#89
Benzo(a)pyrene
Concen: 39.27 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
PB95527BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	12.9	10.0	15.0

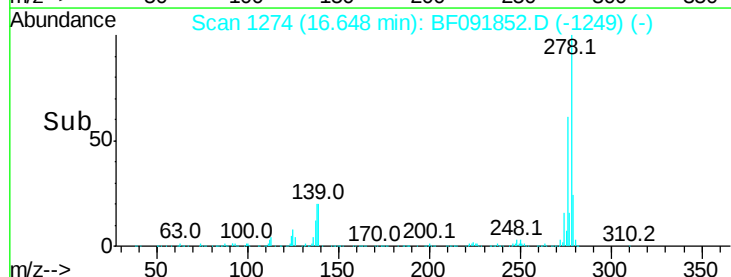
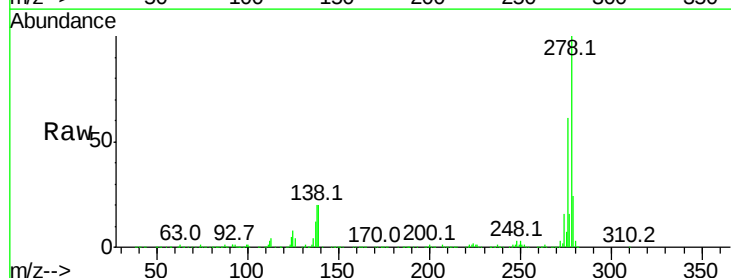
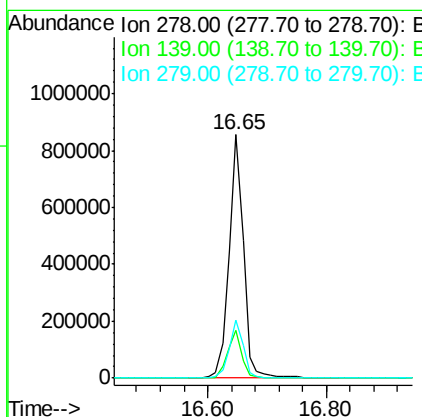
Manual Integrations
APPROVED

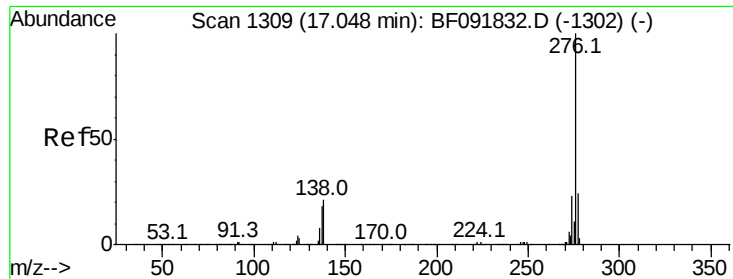
Sohil
12/29/2016 12:01:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.00 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.8	22.2
279	24.1	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.78 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Instrument :
 BNA_F
 ClientSampleId :
 PB95527BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	26.8	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 12/29/2016 12:01:34 PM

