

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091899.D
 Acq On : 22 Dec 2016 21:16
 Operator : UM/SJ
 Sample : PB95563BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Manual Integrations
 APPROVED

SOHIL
 12/23/2016 5:53:15 PM

Quant Time: Dec 23 04:09:58 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	206921	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	868186	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	417671	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	612931	20.00	ng	0.01
75) Chrysene-d12	13.91	240	415526	20.00	ng	0.00
86) Perylene-d12	15.30	264	408723	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1679010	135.49	ng	0.07
7) Phenol-d6	6.45	99	2028681	134.08	ng	0.05
23) Nitrobenzene-d5	7.32	82	1262183	80.84	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	396396	114.68	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	2152894	109.30	ng	0.00
78) Terphenyl-d14	12.85	244	1750952	102.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	208516	34.18	ng	96
3) Pyridine	3.06	79	637722	29.95	ng	97
4) n-Nitrosodimethylamine	3.02	42	305591	38.05	ng	90
6) Aniline	6.42	93	362122	18.43	ng	# 45
8) 2-Chlorophenol	6.56	128	553740	39.28	ng	92
9) Benzaldehyde	6.29	77	85218	7.49	ng	92
10) Phenol	6.46	94	641789	37.22	ng	86
11) bis(2-Chloroethyl)ether	6.50	93	626746	45.69	ng	98
12) 1,3-Dichlorobenzene	6.69	146	632880	42.06	ng	# 94
13) 1,4-Dichlorobenzene	6.77	146	654068	42.70	ng	96
14) 1,2-Dichlorobenzene	6.92	146	534813	40.24	ng	96
15) Benzyl Alcohol	6.92	79	521093	44.33	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	847249	41.47	ng	96
17) 2-Methylphenol	7.06	107	497386	43.87	ng	99
18) Hexachloroethane	7.26	117	232956	41.02	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	451714	44.88	ng	98
20) 3+4-Methylphenols	7.22	107	689234	50.97	ng	# 73
22) Acetophenone	7.17	105	931881	43.52	ng	# 89
24) Nitrobenzene	7.34	77	694785	41.78	ng	94
25) Isophorone	7.58	82	1160271	40.28	ng	96
26) 2-Nitrophenol	7.65	139	250835	30.59	ng	93
27) 2,4-Dimethylphenol	7.72	122	522837	38.44	ng	96
28) bis(2-Chloroethoxy)methane	7.80	93	788377	45.13	ng	99
29) 2,4-Dichlorophenol	7.93	162	495685	43.04	ng	94
30) 1,2,4-Trichlorobenzene	7.98	180	539506	42.75	ng	95
31) Naphthalene	8.06	128	1762873	44.37	ng	99
32) Benzoic acid	7.86	122	185085	18.35	ng	97
33) 4-Chloroaniline	8.12	127	221310	12.35	ng	99
34) Hexachlorobutadiene	8.18	225	297881	44.71	ng	99
35) Caprolactam	8.50	113	148215	39.16	ng	# 68
36) 4-Chloro-3-methylphenol	8.64	107	519383	39.19	ng	99
37) 2-Methylnaphthalene	8.75	142	1080978	44.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	511392	48.46	ng	99
40) Hexachlorocyclopentadiene	8.90	237	242942	53.10	ng	98

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Quant Time: Dec 23 04:09:58 2016
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 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)
42) 2,4,6-Trichlorophenol	9.05	196	286046	38.76	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	275217	36.24	nq #	88
45) 1,1'-Biphenyl	9.22	154	1433171	50.11	nq	99
46) 2-Chloronaphthalene	9.24	162	1038487	45.85	nq	96
47) 2-Nitroaniline	9.34	65	318331	39.48	nq	94
48) Acenaphthylene	9.65	152	1503355	43.16	nq	99
49) Dimethylphthalate	9.53	163	1304542	48.83	nq	99
50) 2,6-Dinitrotoluene	9.58	165	224984	38.48	nq #	67
51) Acenaphthene	9.82	154	954646	40.43	nq	99
52) 3-Nitroaniline	9.77	138	241717	33.41	nq #	72
53) 2,4-Dinitrophenol	9.87	184	21946	6.75	nq #	82
54) Dibenzofuran	10.00	168	1332459	41.78	nq	98
55) 4-Nitrophenol	9.97	139	322764m	65.70	nq	
56) 2,4-Dinitrotoluene	9.98	165	250965	34.20	nq #	80
57) Fluorene	10.34	166	1002908	43.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	211557	35.22	nq	98
59) Diethylphthalate	10.22	149	1263697	48.71	nq	95
60) 4-Chlorophenyl-phenylether	10.34	204	473534	46.61	nq #	78
61) 4-Nitroaniline	10.37	138	228484	30.47	nq	95
62) Azobenzene	10.49	77	1229898	43.06	nq	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	27054	7.30	nq #	63
65) n-Nitrosodiphenylamine	10.45	169	878592	48.31	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	293968	46.11	nq	96
67) Hexachlorobenzene	10.89	284	314849	46.20	nq	96
68) Atrazine	10.99	200	306673	52.27	nq	96
69) Pentachlorophenol	11.09	266	171298	51.23	nq	99
70) Phenanthrene	11.30	178	1468660	44.19	nq	99
71) Anthracene	11.34	178	1365011	47.05	nq	99
72) Carbazole	11.52	167	1303319	50.21	nq	99
73) Di-n-butylphthalate	11.84	149	1746147	56.49	nq	99
74) Fluoranthene	12.48	202	1397944	48.22	nq	98
76) Benzidine	12.61	184	280675	23.28	nq	95
77) Pyrene	12.71	202	1281482	42.03	nq	99
79) Butylbenzylphthalate	13.33	149	679707	49.02	nq	96
80) Benzo(a)anthracene	13.89	228	1022694	43.60	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	290630	32.68	nq	98
82) Chrysene	13.94	228	1080891	45.94	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	883819	54.12	nq	100
84) Di-n-octyl phthalate	14.51	149	1539188	50.88	nq	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	809622	39.72	nq	98
87) Benzo(b)fluoranthene	14.91	252	1075316m	42.26	nq	
88) Benzo(k)fluoranthene	14.95	252	1125772m	51.88	nq	
89) Benzo(a)pyrene	15.25	252	1044459	46.24	nq #	96
90) Dibenzo(a,h)anthracene	16.66	278	679322	36.59	nq	98
91) Benzo(g,h,i)perylene	17.05	276	648301	33.58	nq	97

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

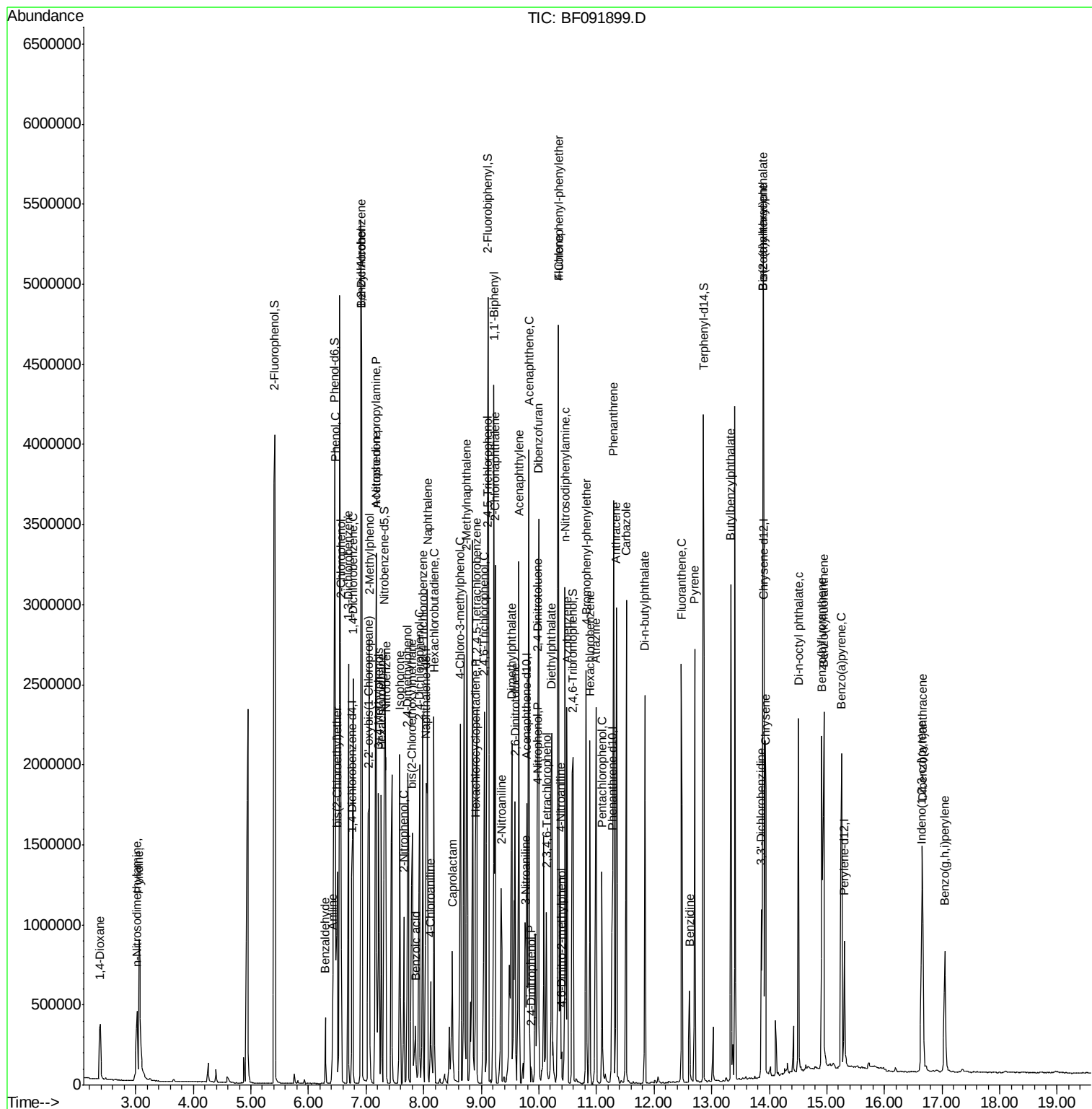
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Operator  : UM/SJ  
Sample    : PB95563BS  
Misc      :  
ALS Vial  : 11      Sample Multiplier: 1
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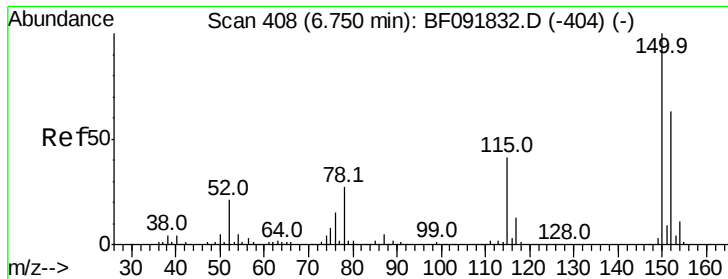
Instrument :
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#1

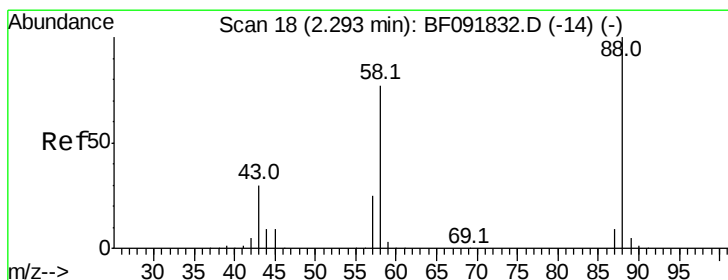
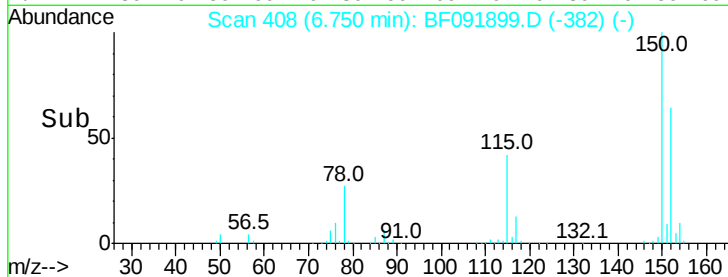
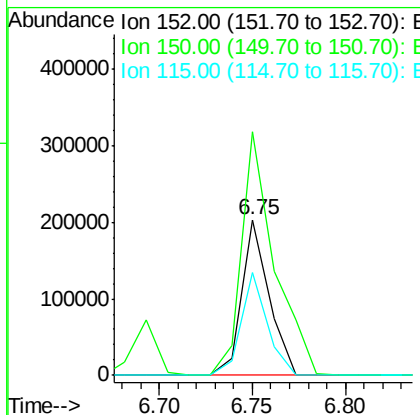
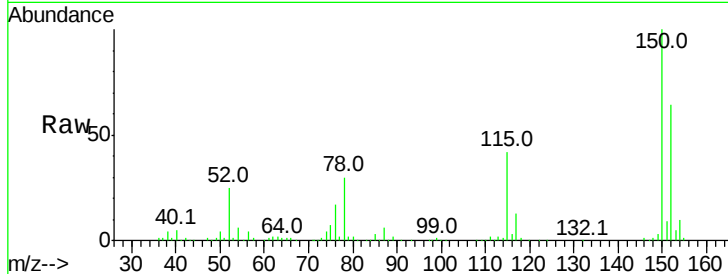
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.9	187.3
115	65.9	46.0	69.0

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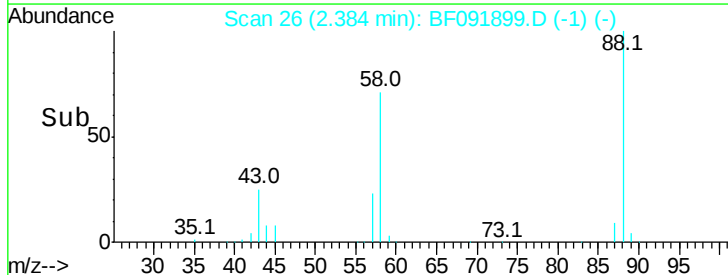
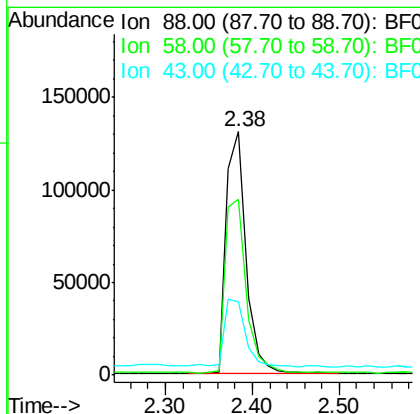
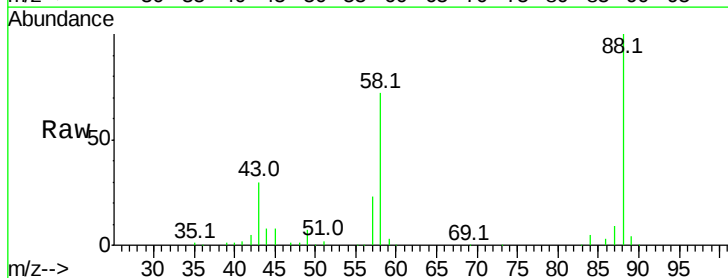
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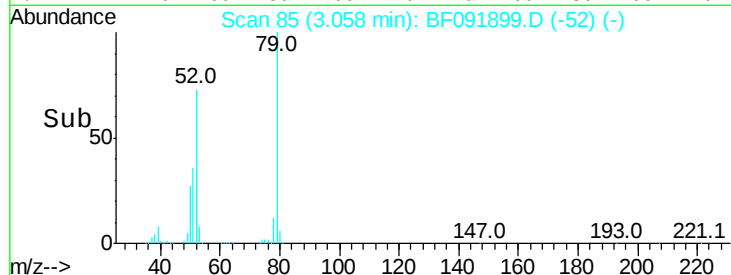
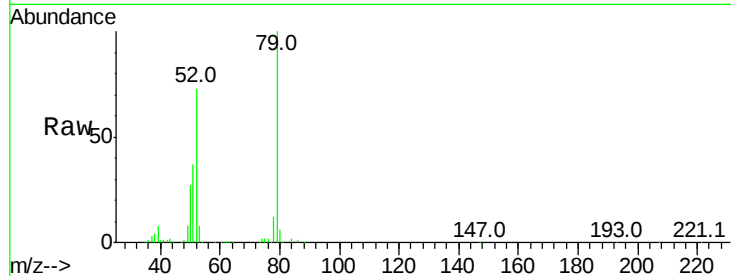
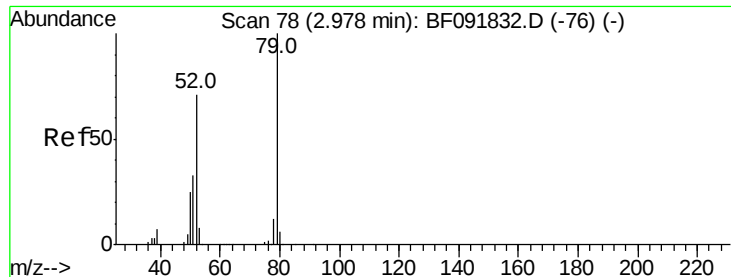


#2

1,4-Dioxane
Concen: 34.18 ng
RT: 2.38 min Scan# 26
Delta R.T. 0.09 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	57.8	86.8
43	29.6	22.3	33.5





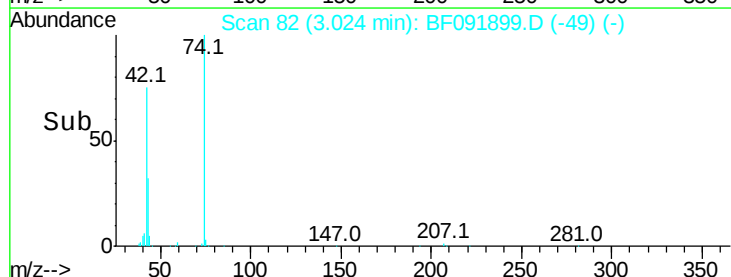
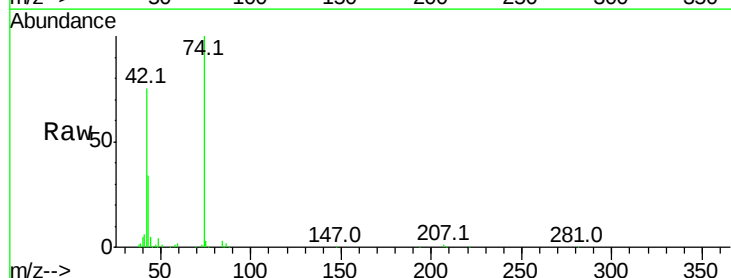
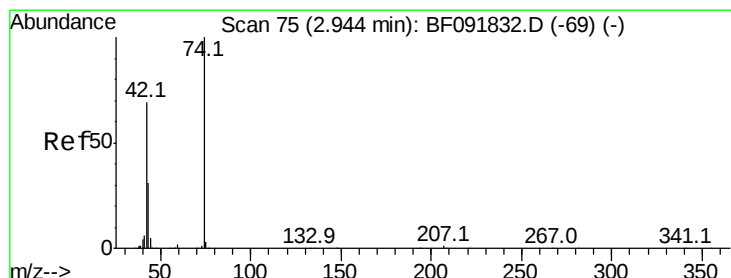
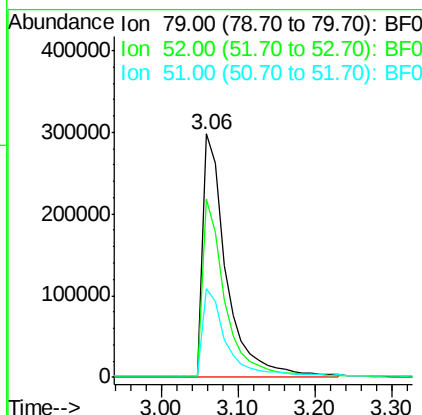
#3
Pvridine
Concen: 29.95 ng
RT: 3.06 min Scan# 85
Delta R.T. 0.08 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		637722		
52	73.2	57.1		85.7	
51	36.7	27.3		40.9	

Instrument :
BNA_F
ClientSampleId :
PB95563BS

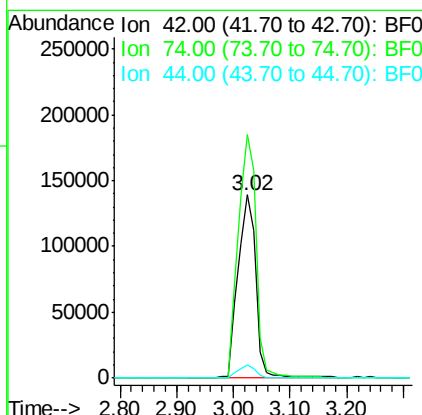
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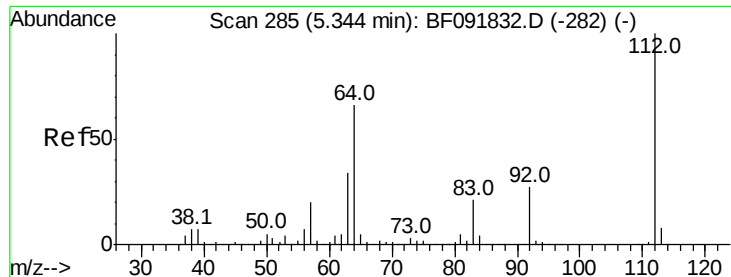
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#4
n-Nitrosodimethylamine
Concen: 38.05 ng
RT: 3.02 min Scan# 82
Delta R.T. 0.08 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		305591		
74	133.1	117.0		175.4	
44	7.0	5.5		8.3	





#5

2-Fluorophenol

Concen: 135.49 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.07 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

Tot Ion:112 Resp: 1679010

Ion Ratio Lower Upper

112 100

64 52.9 46.1 69.1

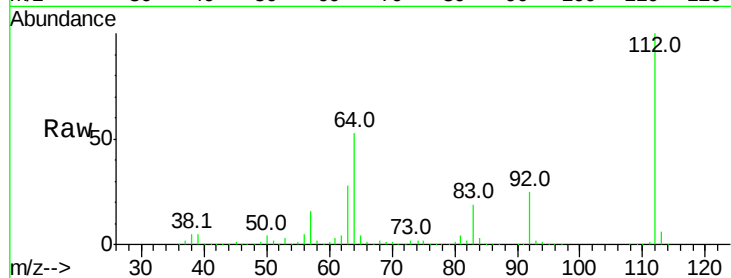
63 27.9 23.8 35.6

Manual Integrations

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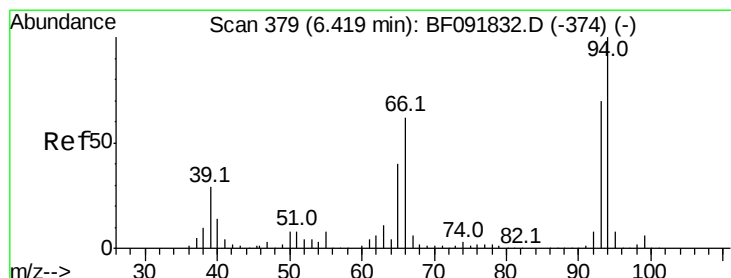
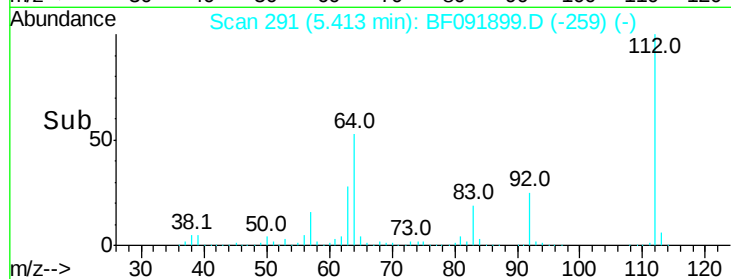
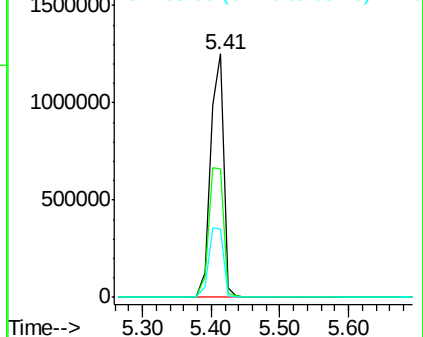
12/23/2016 5:53:15 PM



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: 18.43 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

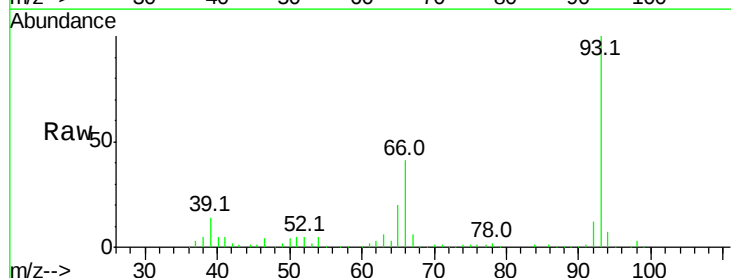
Tgt Ion: 93 Resp: 362122

Ion Ratio Lower Upper

93 100

66 40.8 76.2 114.2#

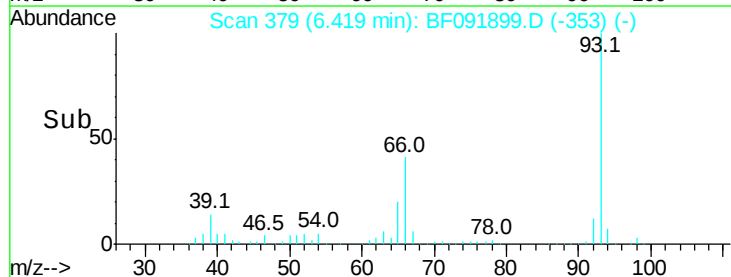
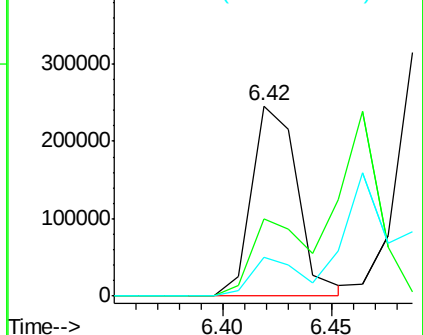
65 20.5 49.3 73.9#

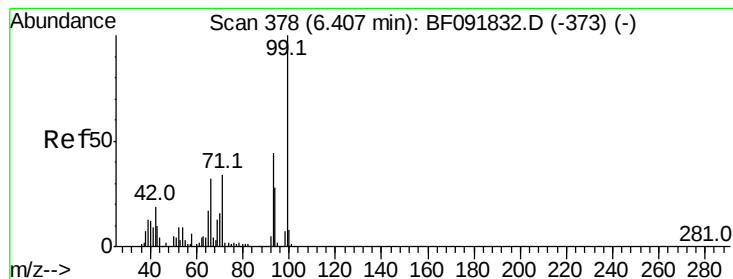


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.08 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

Tot Ion: 99 Resp: 2028681

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

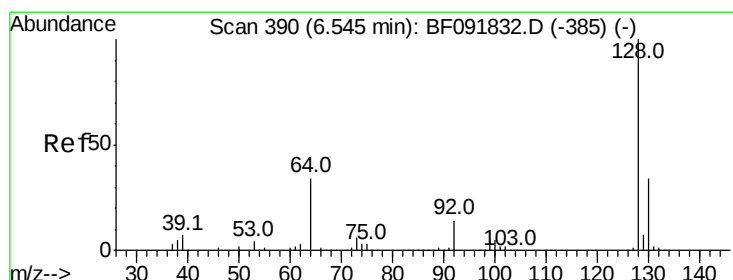
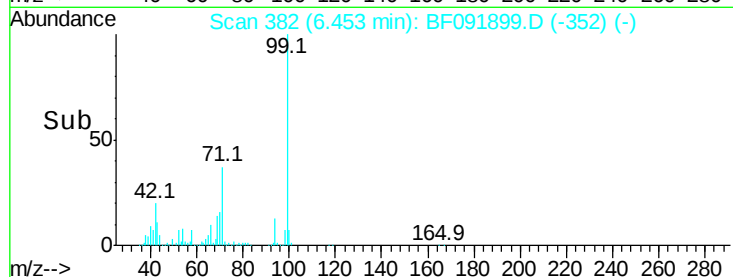
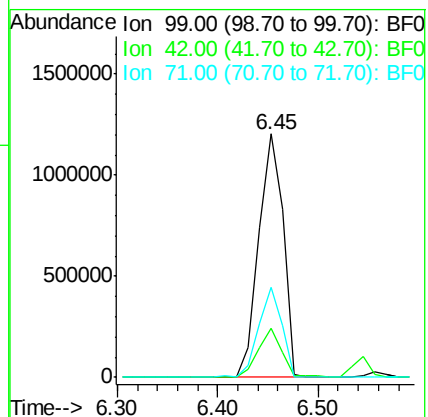
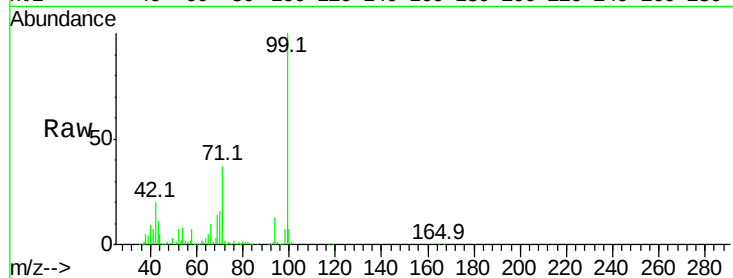
71 36.9 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.28 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

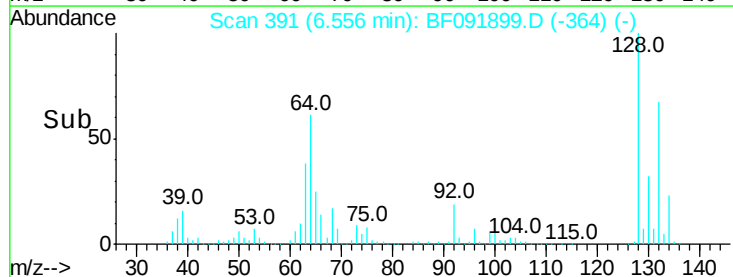
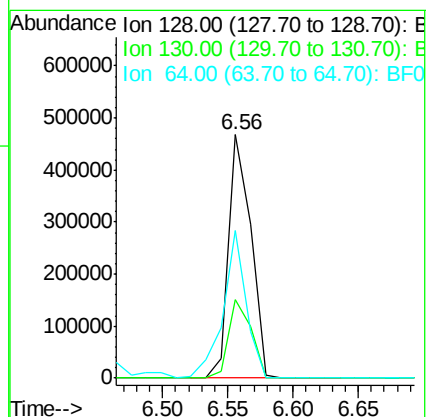
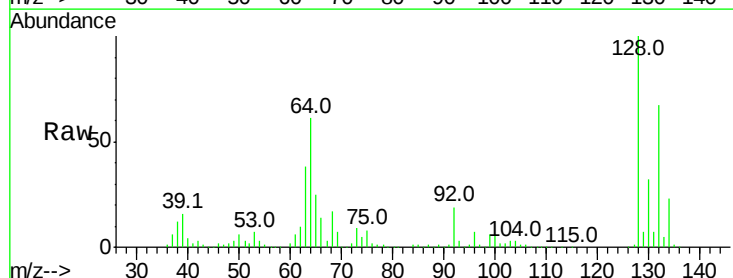
Tgt Ion:128 Resp: 553740

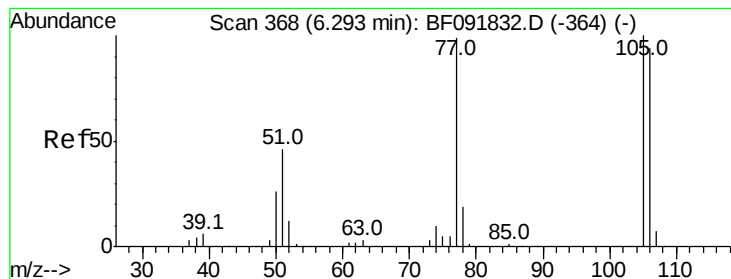
Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 60.8 32.2 72.2





#9

Benzaldehyde

Concen: 7.49 ng

RT: 6.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

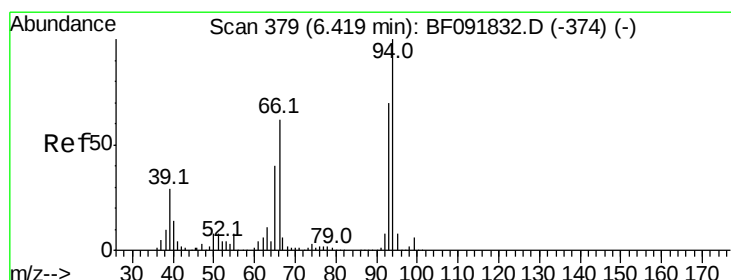
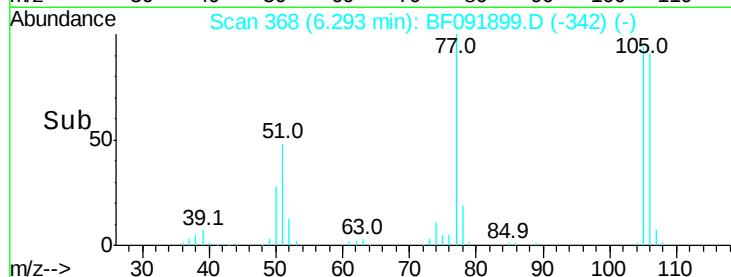
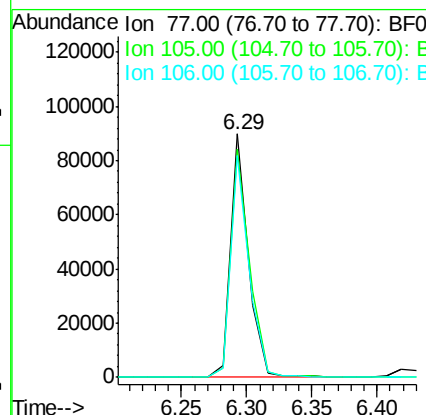
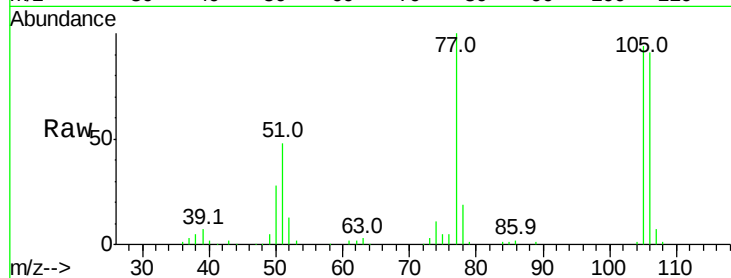
ClientSampleId :

PB95563BS

Tot Ion:	77	Resp:	85218
Ion	Ratio	Lower	Upper
77	100		
105	93.9	83.9	123.9
106	91.3	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 37.22 ng

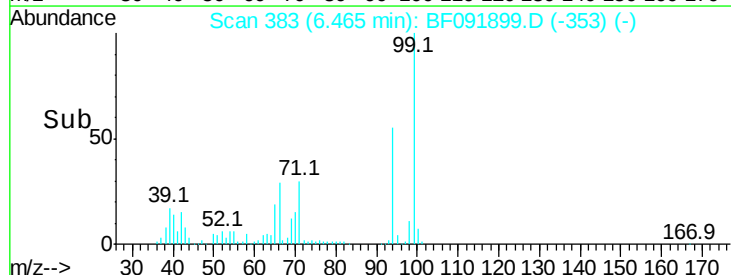
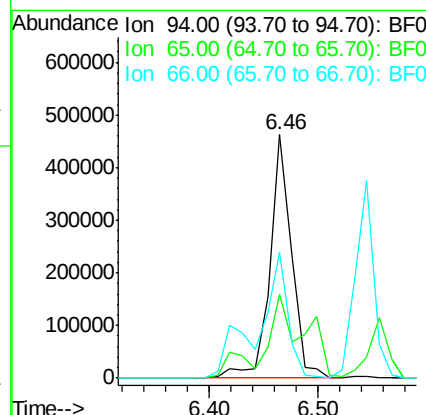
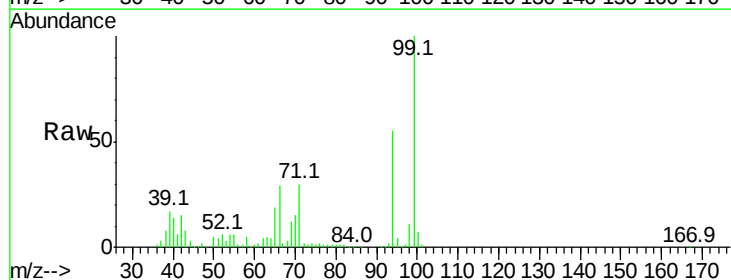
RT: 6.46 min Scan# 383

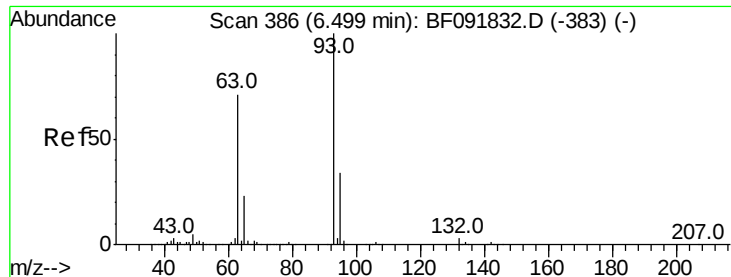
Delta R.T. 0.05 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion:	94	Resp:	641789
Ion	Ratio	Lower	Upper
94	100		
65	34.5	21.4	61.4
66	51.7	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 45.69 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

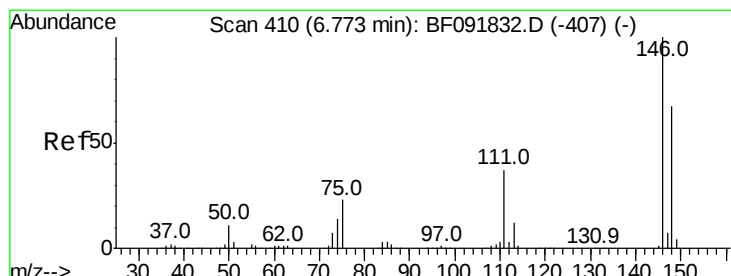
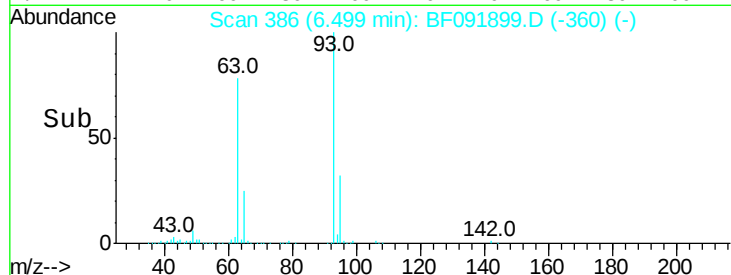
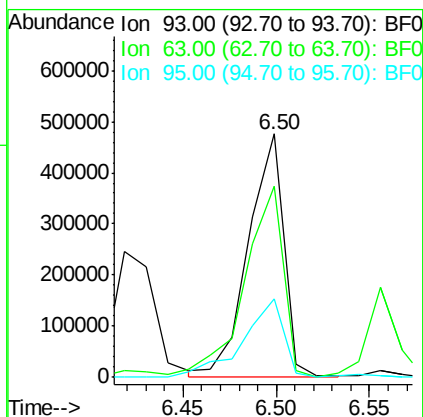
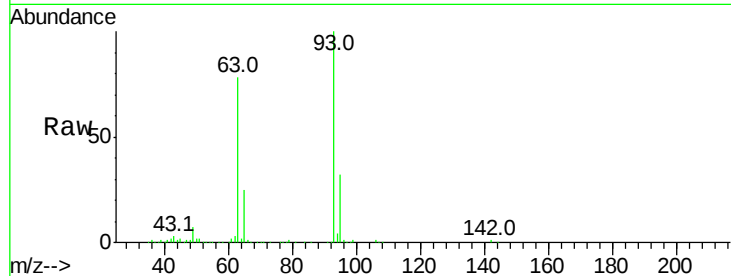
ClientSampleId :

PB95563BS

Tot Ion:	93	Resp:	626746
Ion Ratio	Lower	Upper	
93	100		
63	78.4	60.4	100.4
95	32.4	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.06 ng

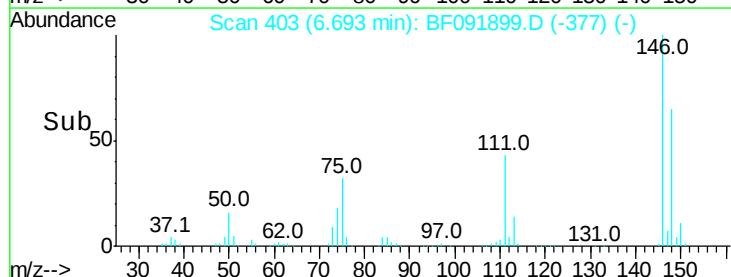
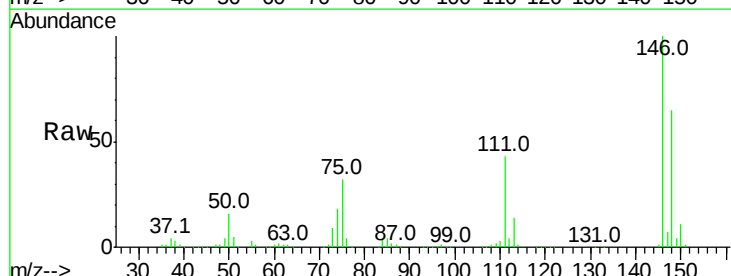
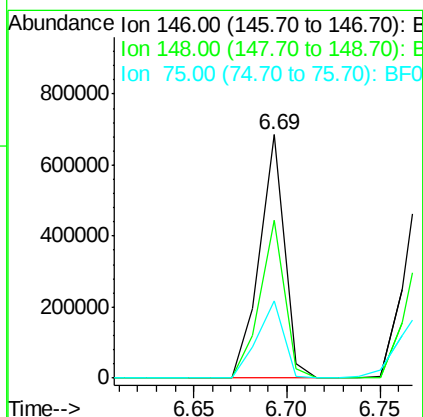
RT: 6.69 min Scan# 403

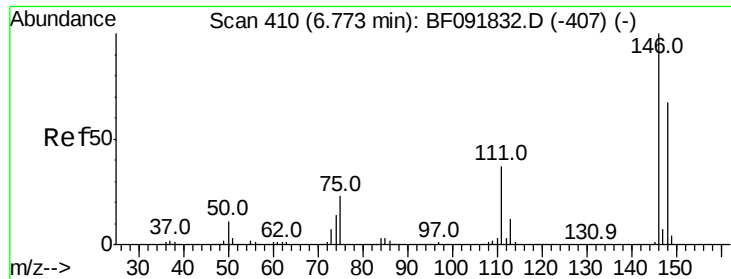
Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion:	146	Resp:	632880
Ion Ratio	Lower	Upper	
146	100		
148	65.0	53.4	80.0
75	31.6	18.5	27.7#





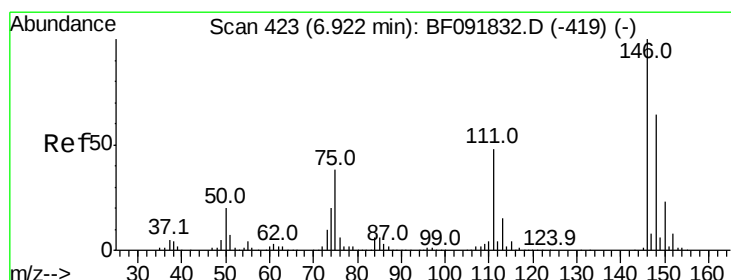
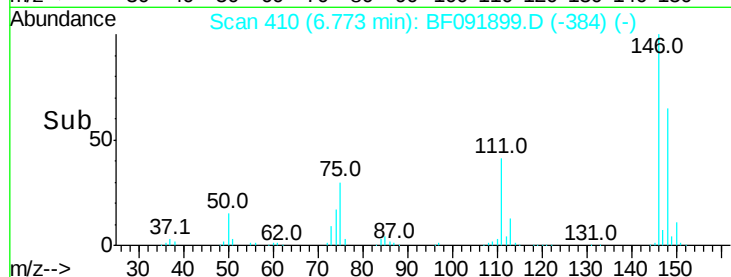
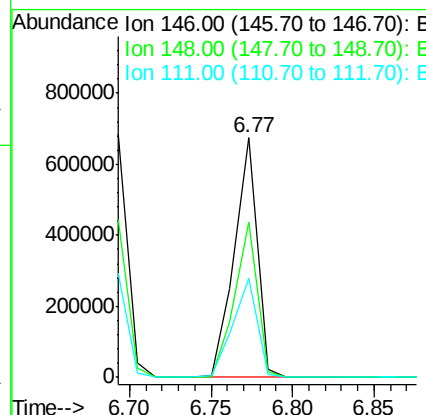
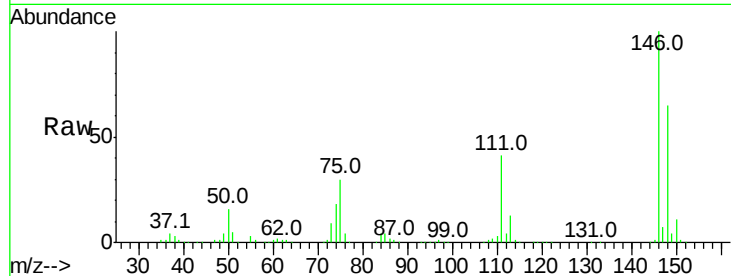
#13
 1,4-Dichlorobenzene
 Concen: 42.70 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	76.0
111	41.3	36.2	54.4

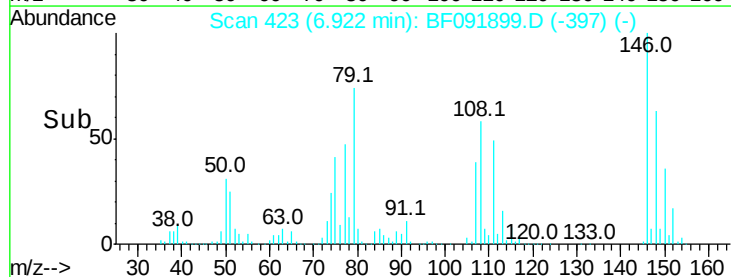
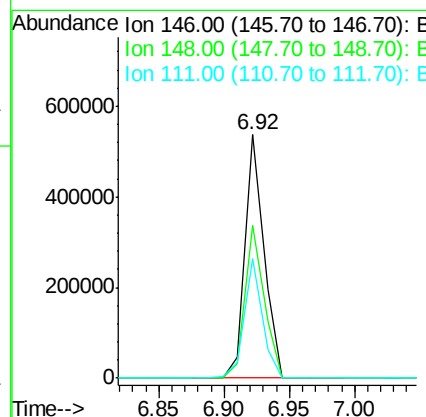
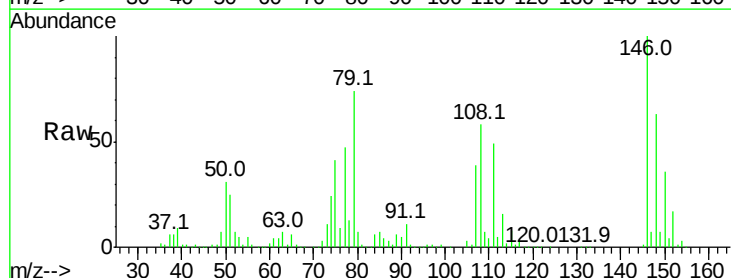
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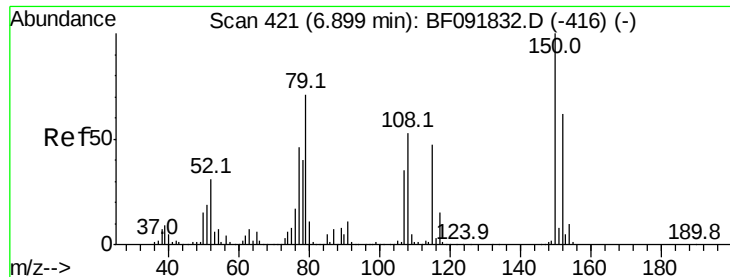
SOHIL
 12/23/2016 5:53:15 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.24 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.2	78.2
111	49.1	36.2	54.2





#15

Benzyl Alcohol

Concen: 44.33 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.02 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

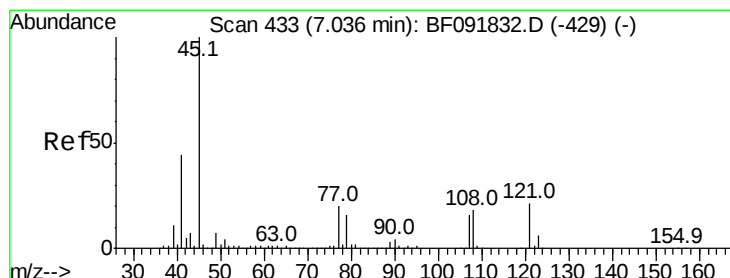
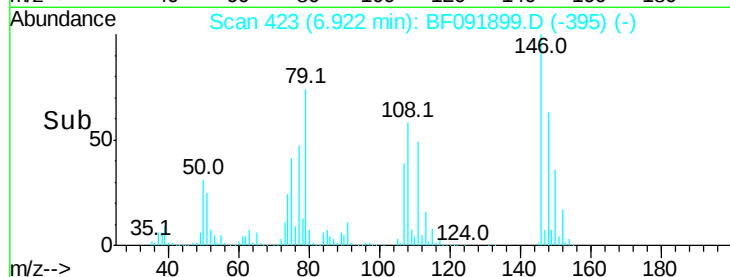
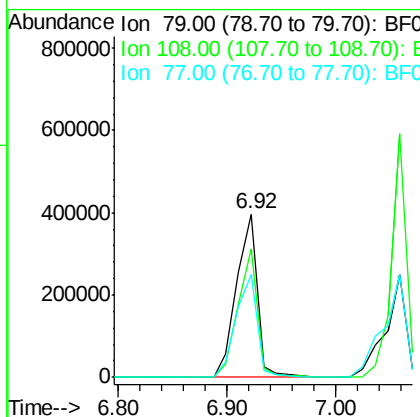
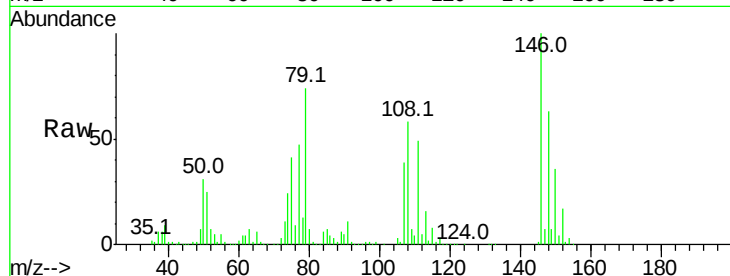
ClientSampleId :

PB95563BS

Tot Ion:	79	Resp:	521093
Ion Ratio	Lower	Upper	
79	100		
108	78.3	61.4	92.0
77	63.0	50.9	76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.47 ng

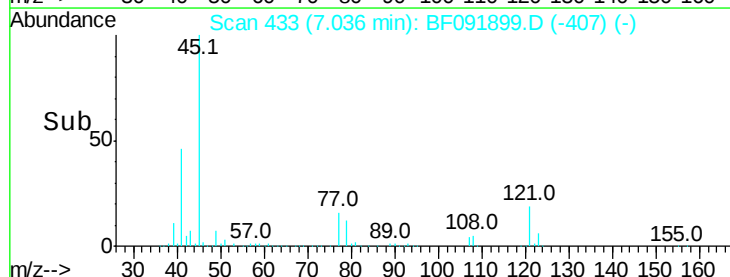
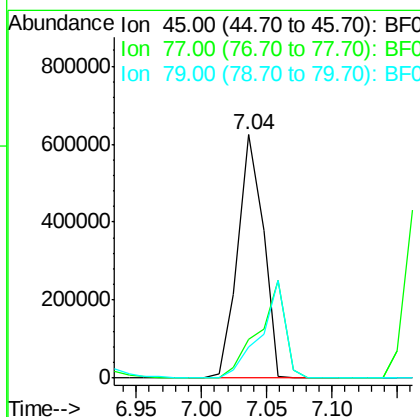
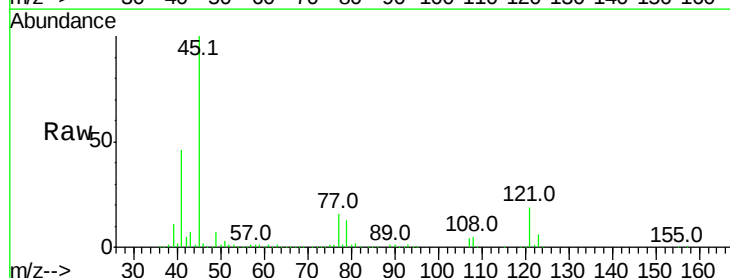
RT: 7.04 min Scan# 433

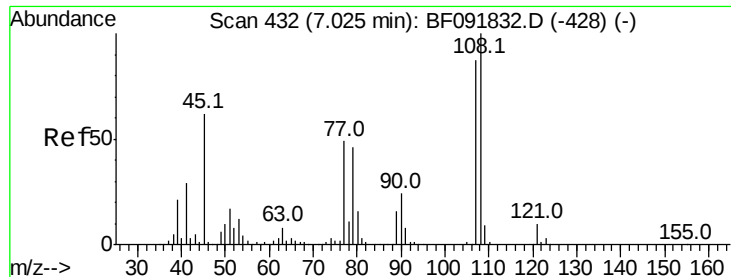
Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion:	45	Resp:	847249
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.0	34.6
79	12.5	0.0	31.2





#17

2-Methylphenol

Concen: 43.87 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.03 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

Tot Ion:107 Resp: 497386

Ion Ratio Lower Upper

107 100

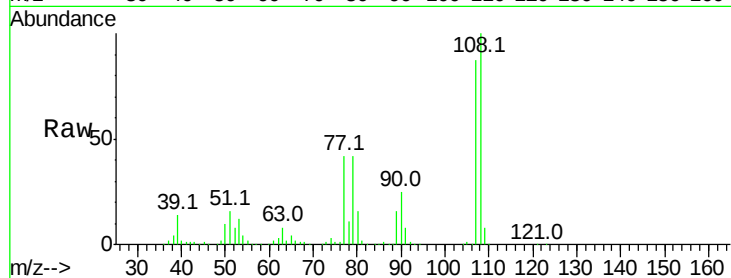
108 115.4 93.0 139.6

77 48.7 39.8 59.8

79 48.6 38.0 57.0

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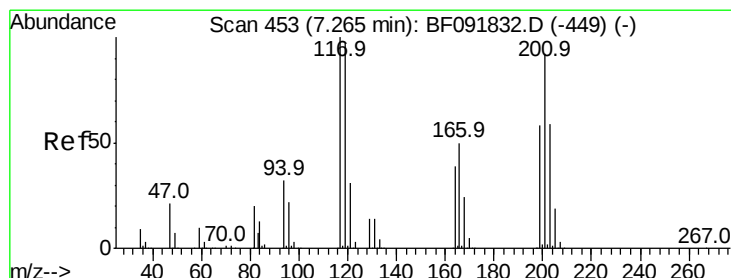
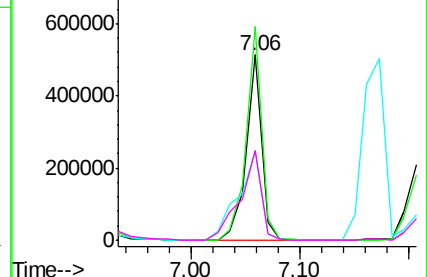
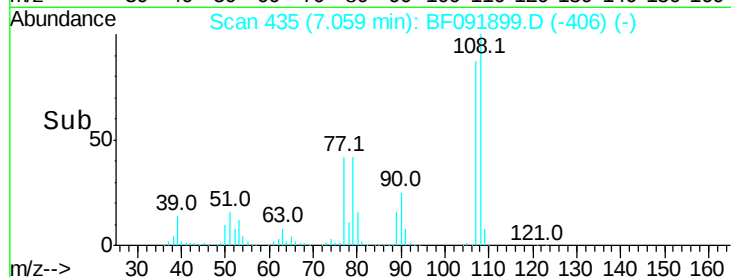


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.02 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

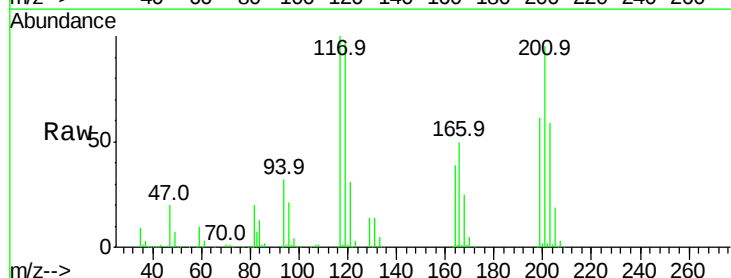
Tgt Ion:117 Resp: 232956

Ion Ratio Lower Upper

117 100

119 97.5 78.1 117.1

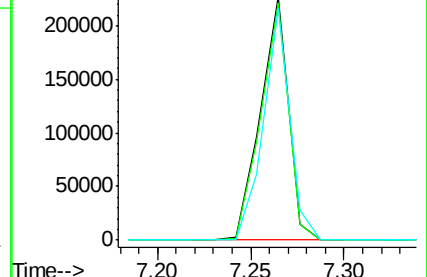
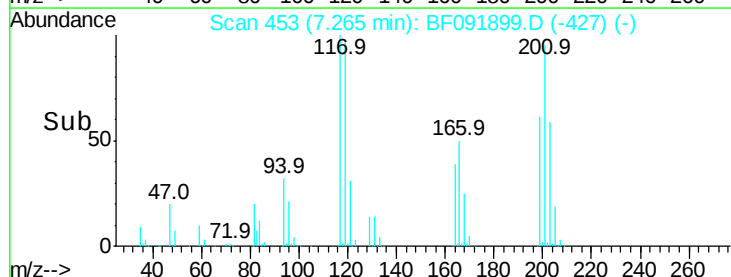
201 95.2 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.88 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091899.D

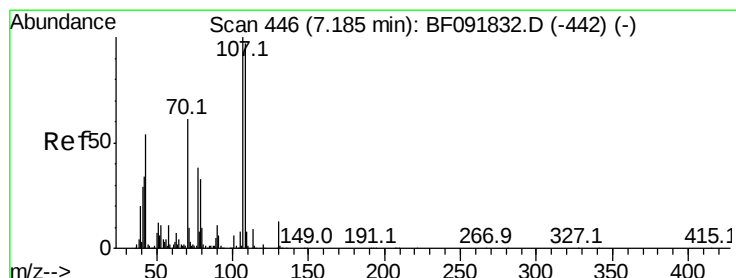
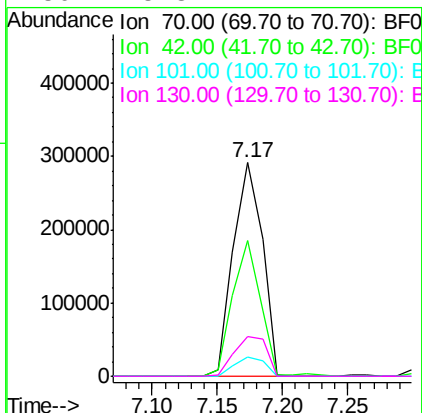
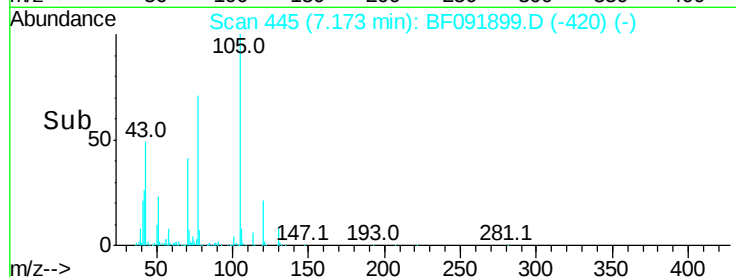
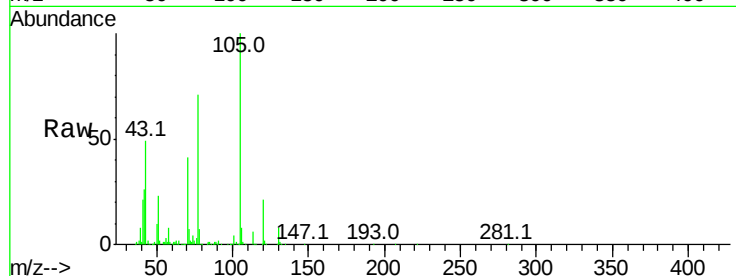
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	49.4	74.0
101	9.2	7.4	11.2
130	18.8	14.2	21.4

Manual Integrations
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#20

3+4-Methylphenols

Concen: 50.97 ng

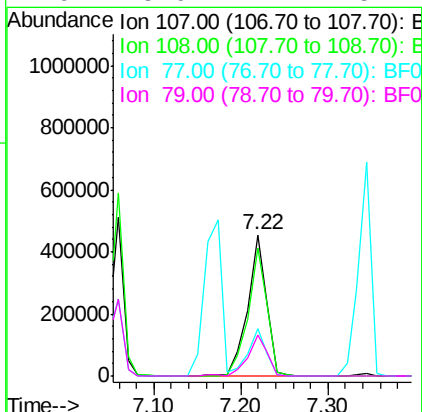
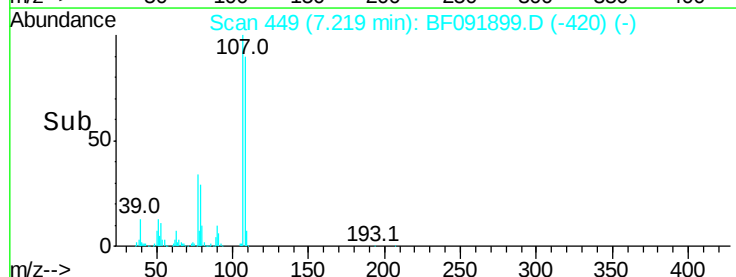
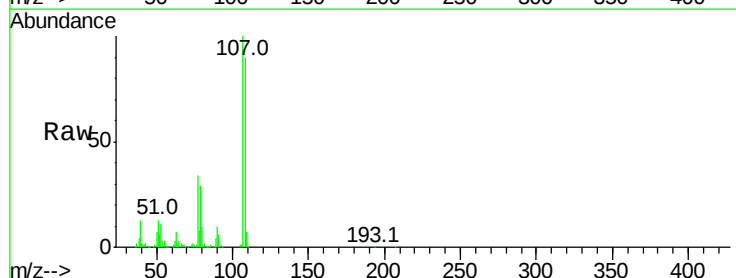
RT: 7.22 min Scan# 449

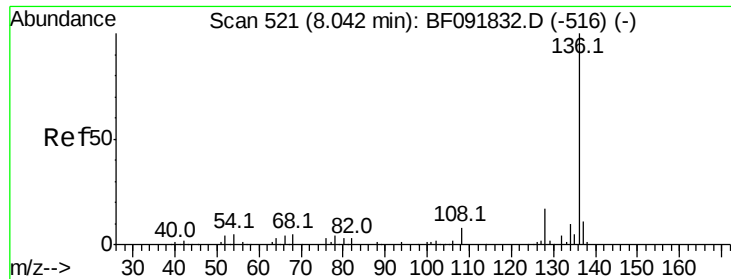
Delta R.T. 0.03 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	73.0	113.0
77	33.9	71.3	111.3#
79	28.9	11.1	51.1





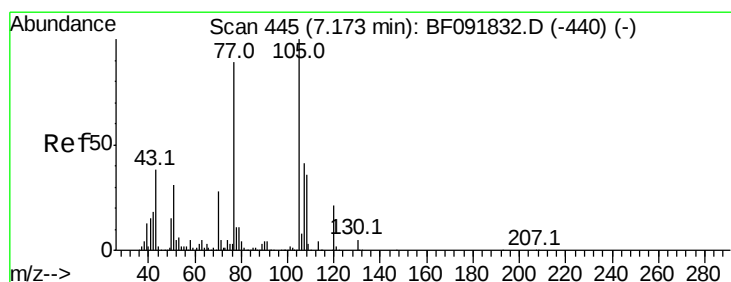
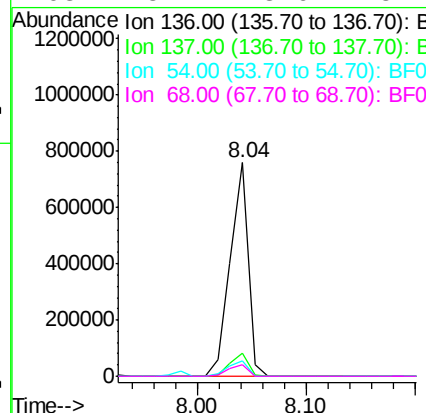
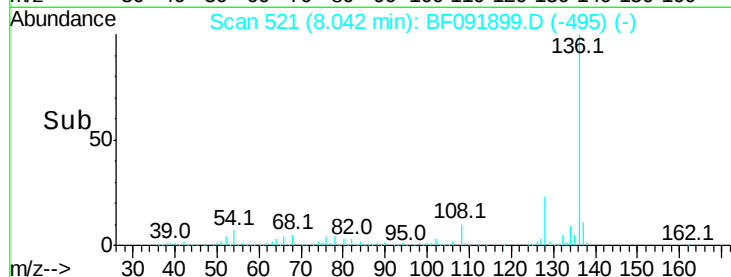
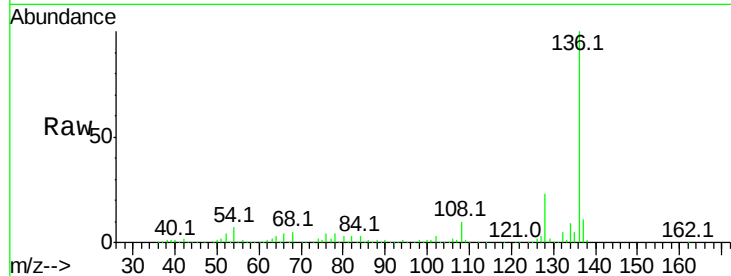
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.9	4.5	6.7#
68	5.2	3.6	5.4

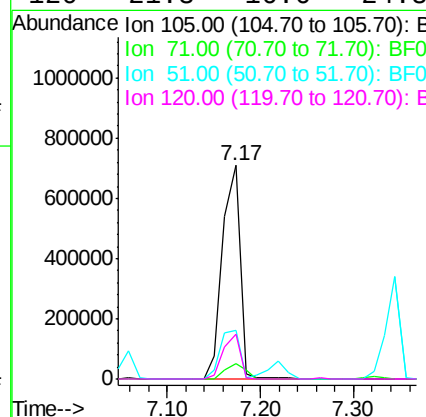
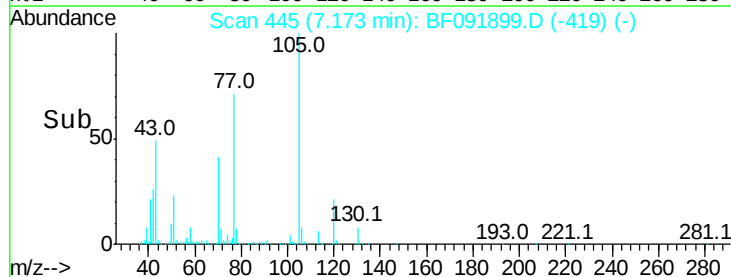
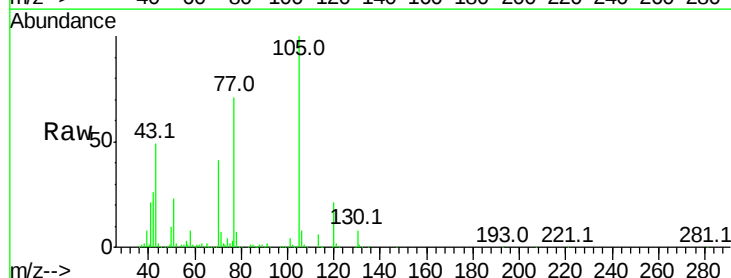
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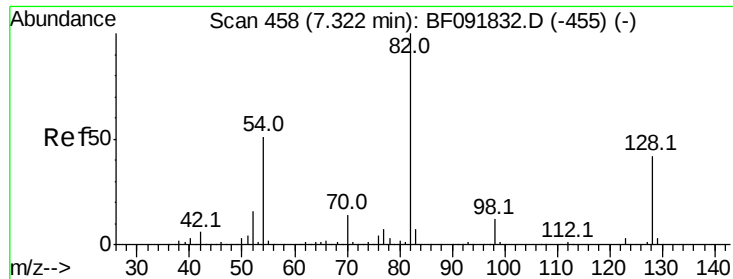
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#22
Acetophenone
Concen: 43.52 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.9	3.2	4.8#
51	22.8	26.2	39.4#
120	21.3	16.6	24.8





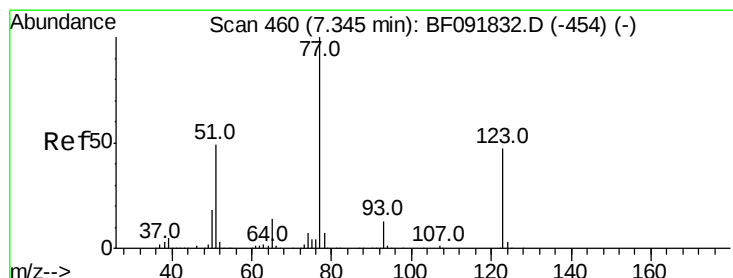
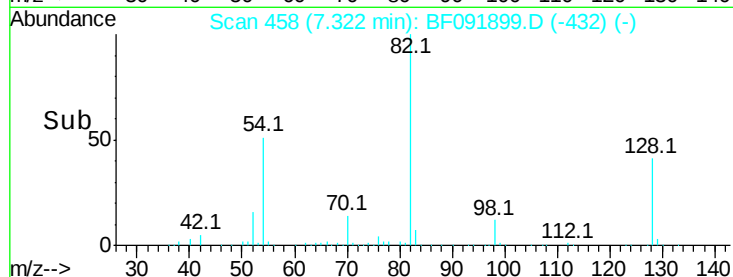
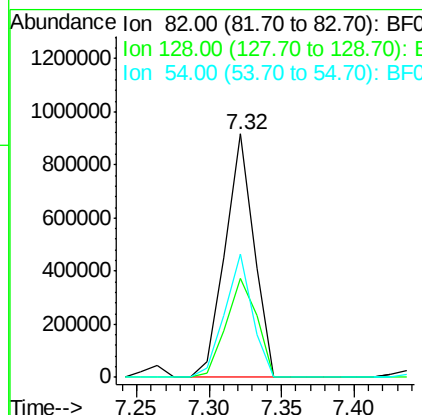
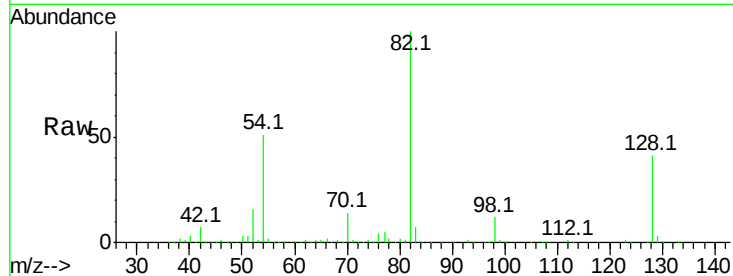
#23
Nitrobenzene-d5
Concen: 80.84 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion: 82 Resp: 1262183
Ion Ratio Lower Upper
82 100
128 40.7 34.6 52.0
54 50.8 39.5 59.3

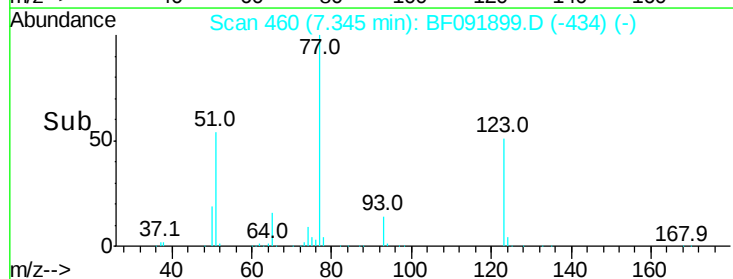
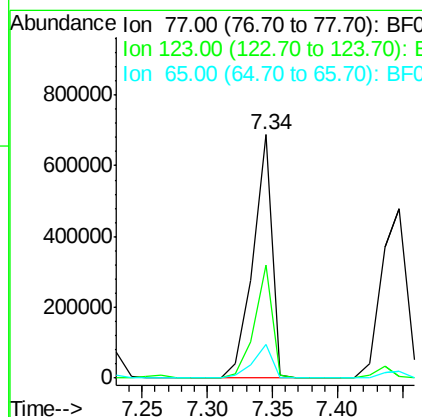
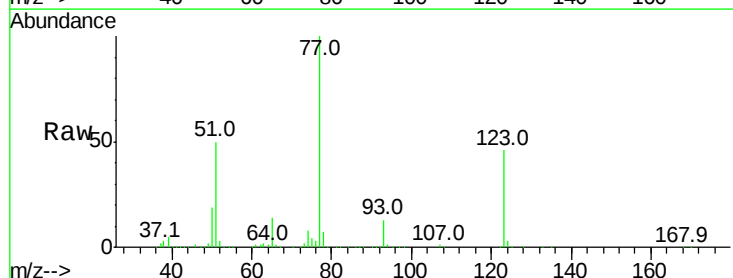
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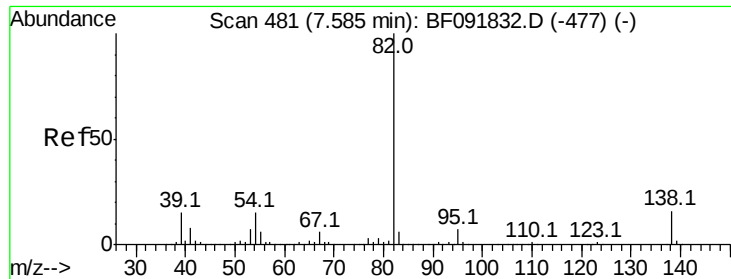
SOHIL
12/23/2016 5:53:15 PM



#24
Nitrobenzene
Concen: 41.78 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion: 77 Resp: 694785
Ion Ratio Lower Upper
77 100
123 46.4 33.0 49.4
65 13.7 11.2 16.8





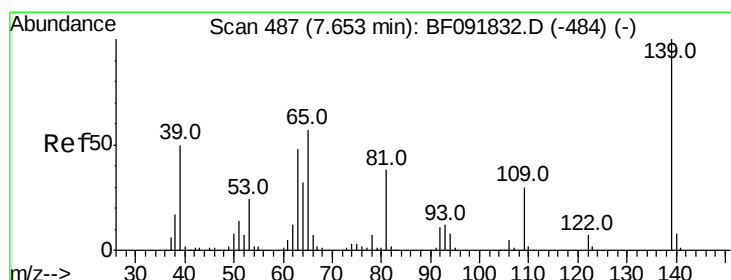
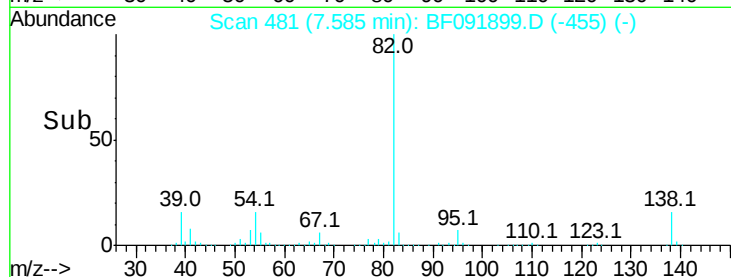
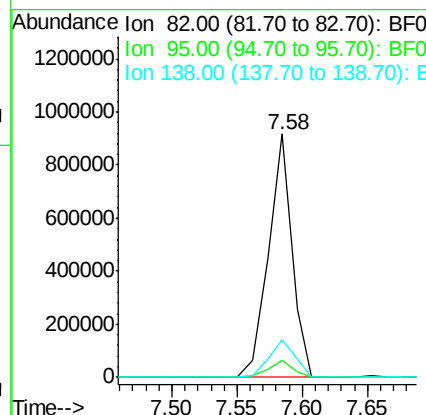
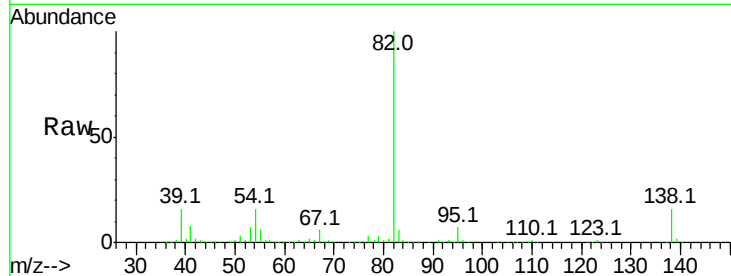
#25
Isophorone
Concen: 40.28 ng
RT: 7.58 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion	82	Resp	1160271
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	15.6	14.6	22.0

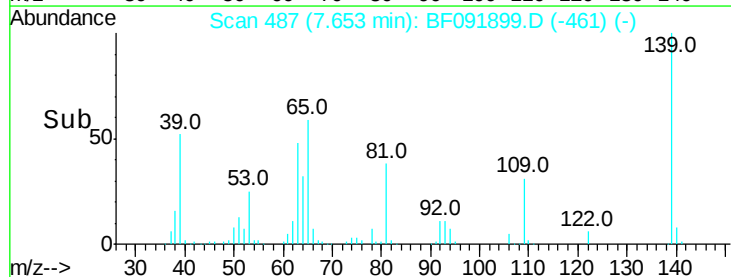
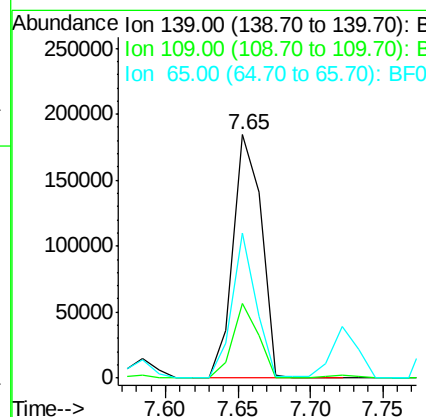
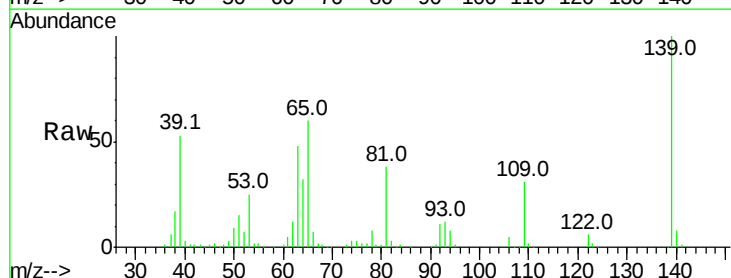
Manual Integrations
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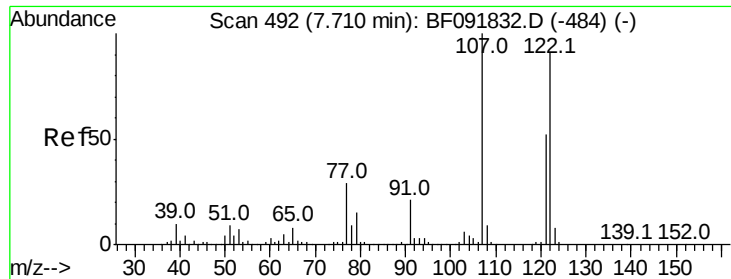
SOHIL
12/23/2016 5:53:15 PM



#26
2-Nitrophenol
Concen: 30.59 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	139	Resp	250835
Ion Ratio	Lower	Upper	
139	100		
109	30.9	23.3	34.9
65	59.7	42.7	64.1





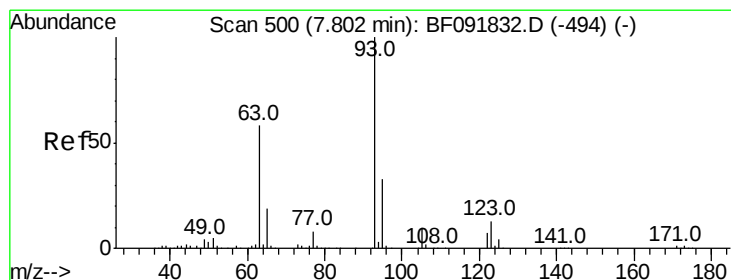
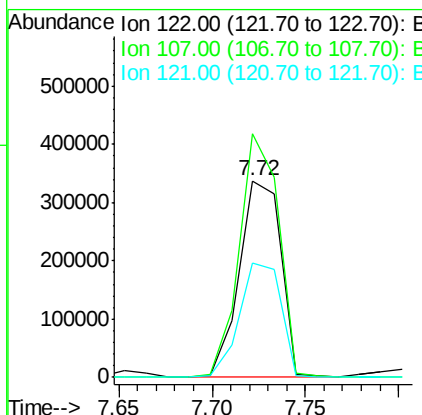
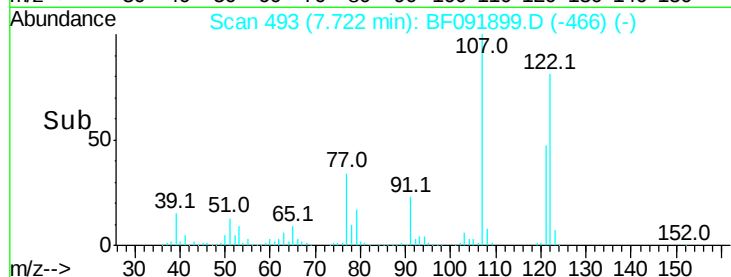
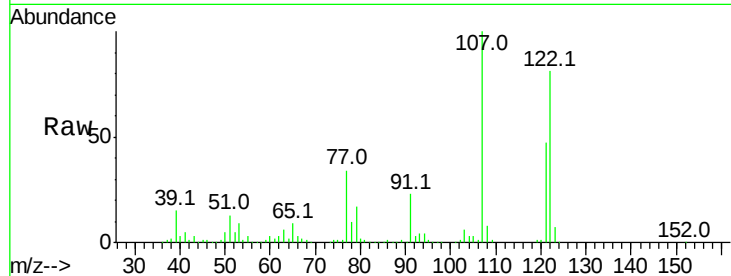
#27
2,4-Dimethylphenol
Concen: 38.44 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.01 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.7	94.1	141.1
121	57.9	46.0	69.0

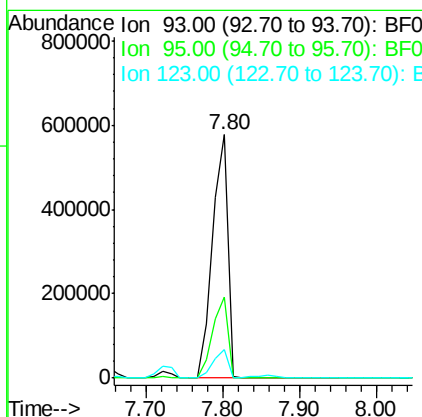
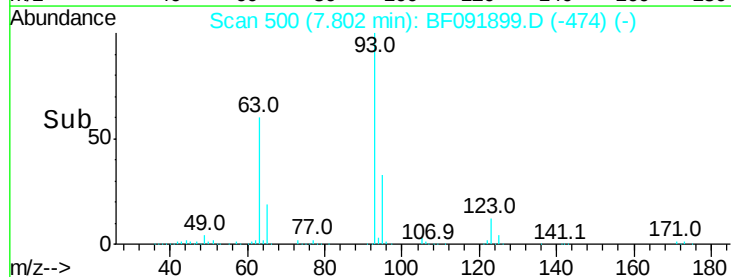
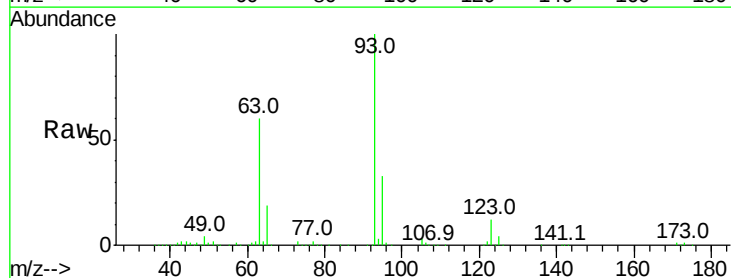
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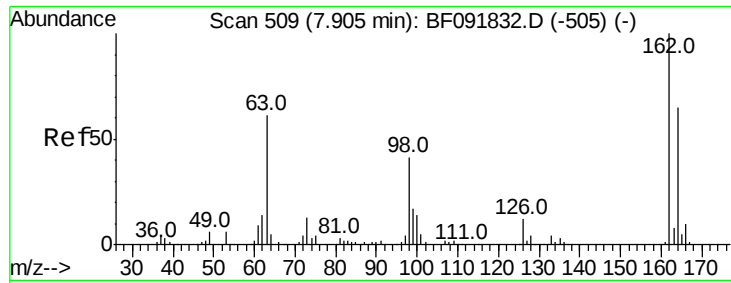
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#28
bis(2-Chloroethoxy)methane
Concen: 45.13 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.7	8.6	13.0





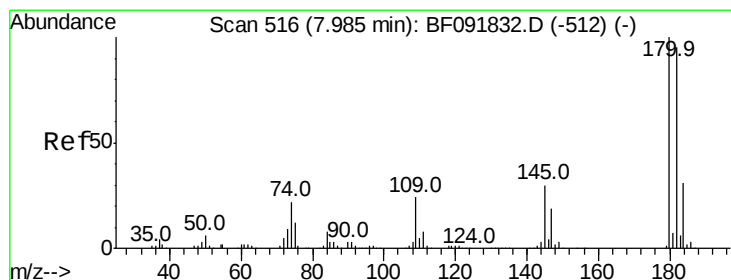
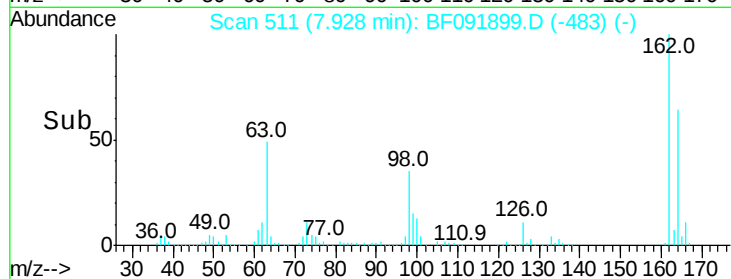
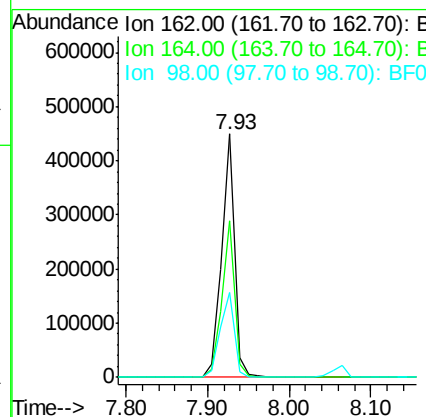
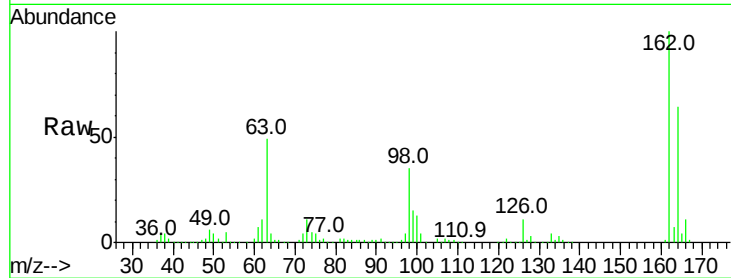
#29
 2,4-Dichlorophenol
 Concen: 43.04 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.02 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	46.8	86.8
98	35.0	9.1	49.1

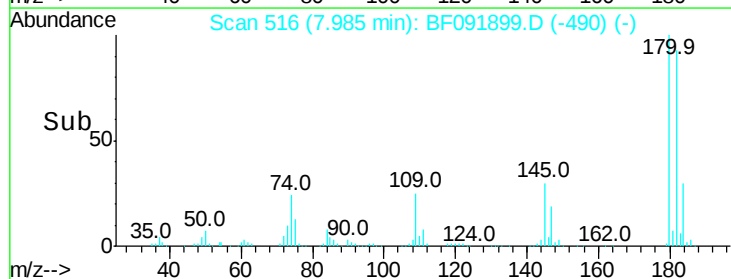
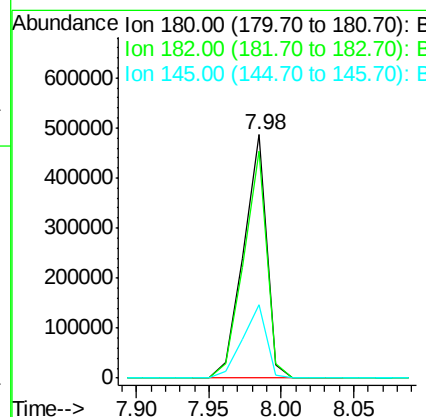
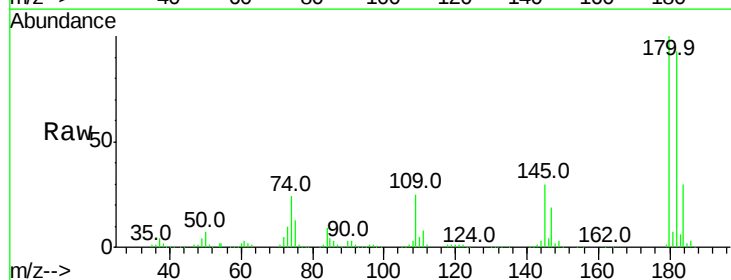
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.75 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.3	78.2	117.4
145	30.4	21.6	32.4





#31

Naphthalene

Concen: 44.37 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

Tot Ion:128 Resp: 1762873

Ion Ratio Lower Upper

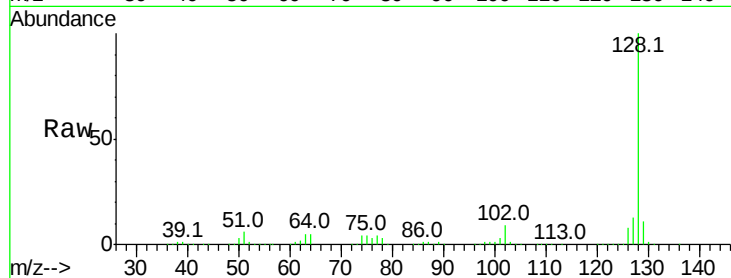
128 100

129 11.4 9.5 14.3

127 13.5 10.8 16.2

Manual Integrations
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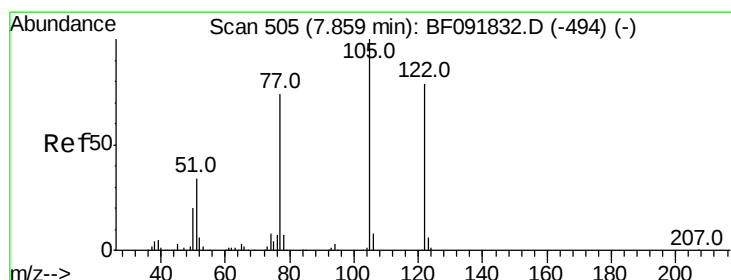
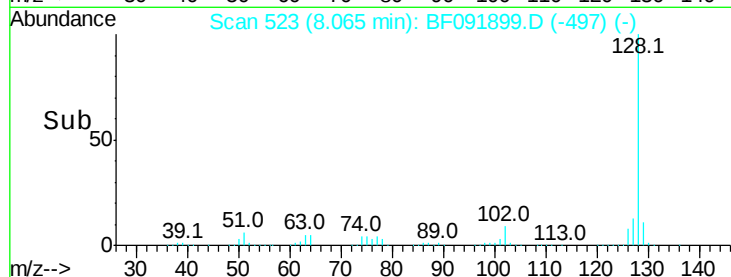
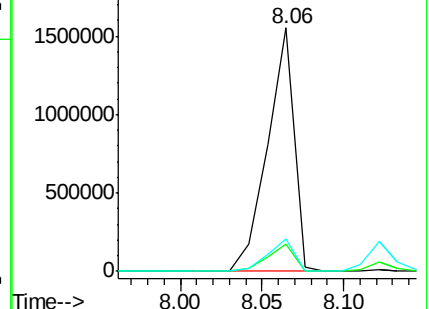
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.35 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

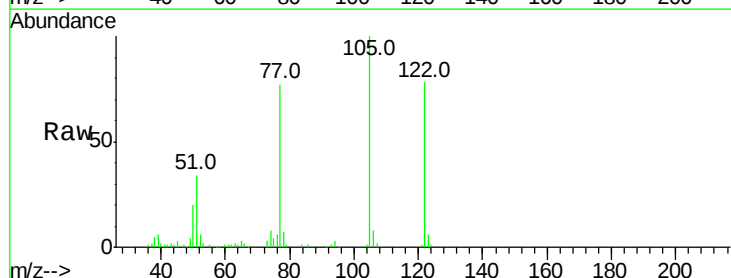
Tgt Ion:122 Resp: 185085

Ion Ratio Lower Upper

122 100

105 128.6 107.2 147.2

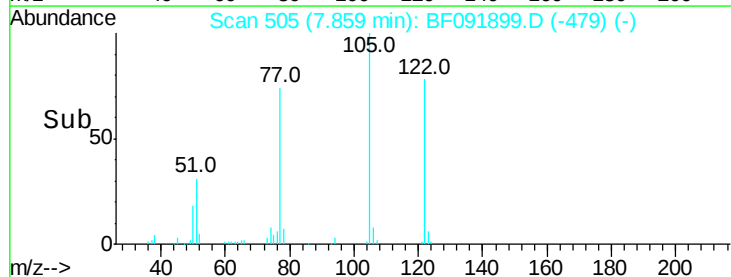
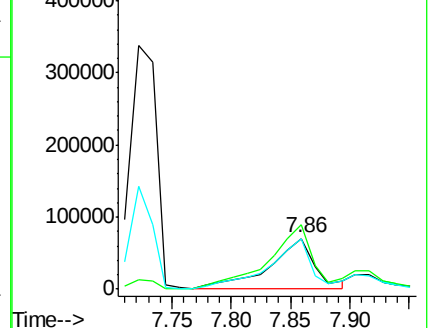
77 98.6 74.5 114.5

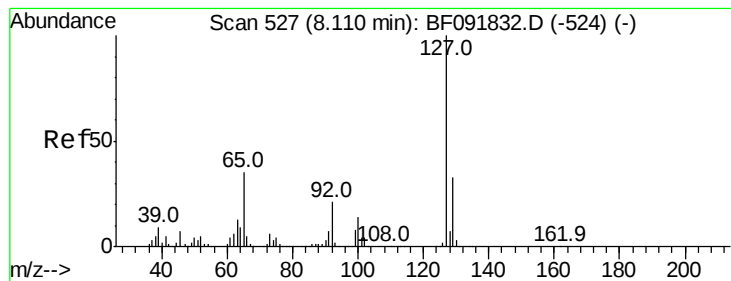


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 12.35 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

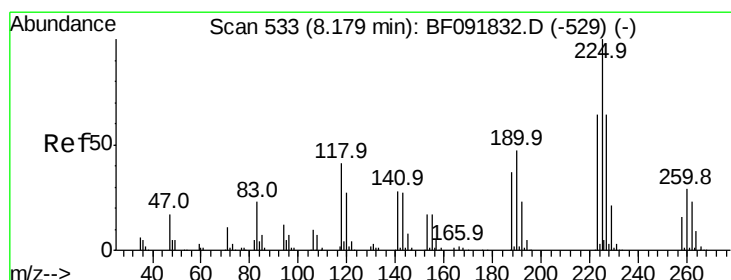
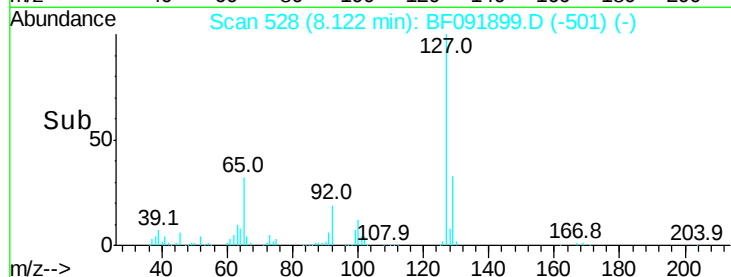
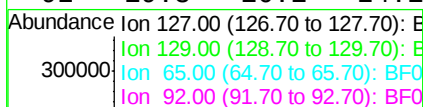
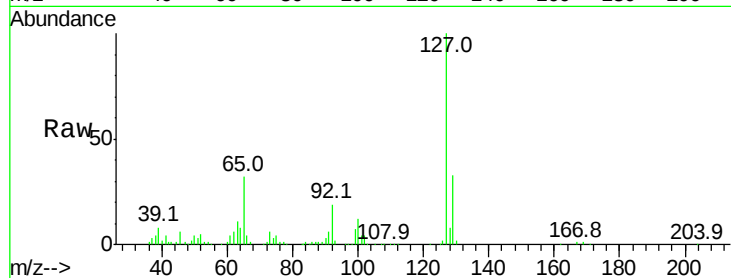
ClientSampleId :

PB95563BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		221310		
129	32.6	26.3	39.5		
65	32.5	25.8	38.8		
92	19.3	16.1	24.1		

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#34

Hexachlorobutadiene

Concen: 44.71 ng

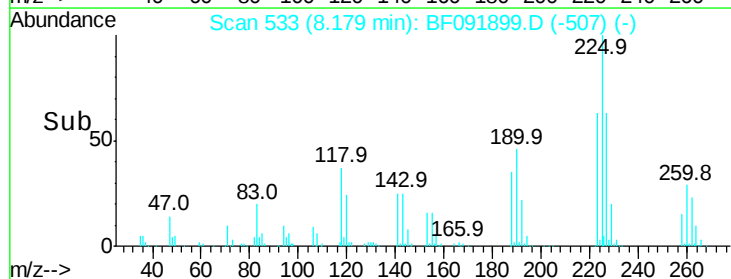
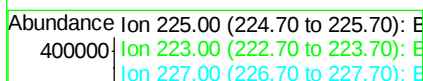
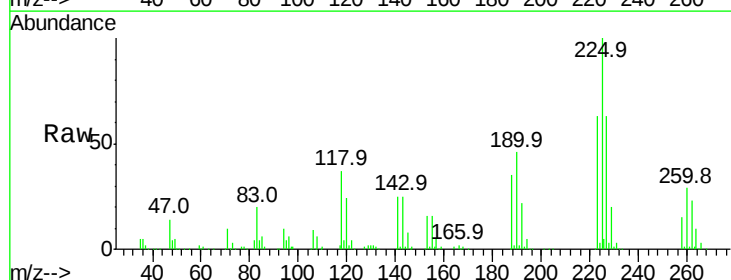
RT: 8.18 min Scan# 533

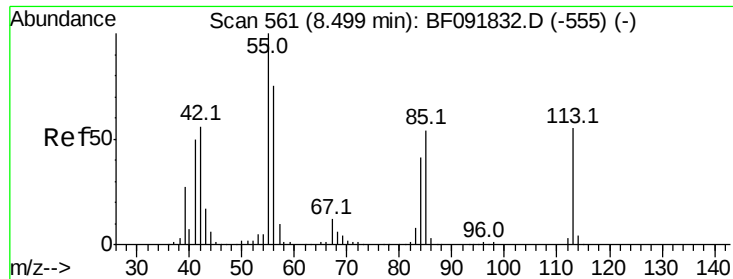
Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		297881		
223	62.9	51.0	76.6		
227	62.5	50.6	76.0		





#35

Caprolactam

Concen: 39.16 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

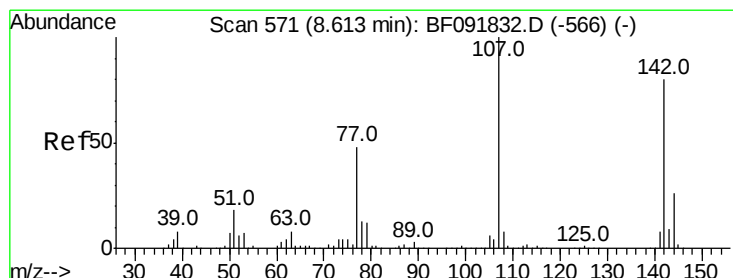
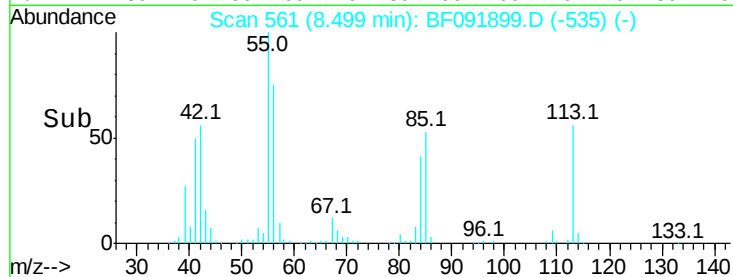
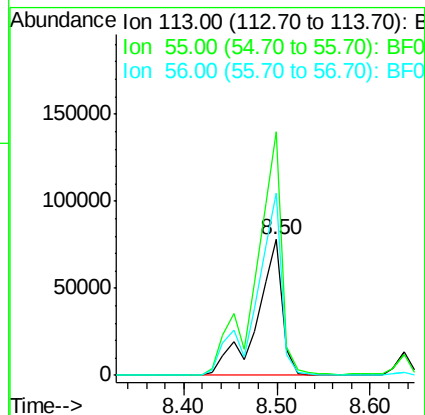
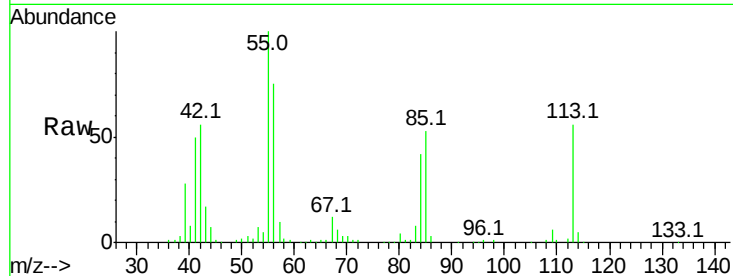
ClientSampleId :

PB95563BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.4	119.2	159.2#
56	134.2	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 39.19 ng

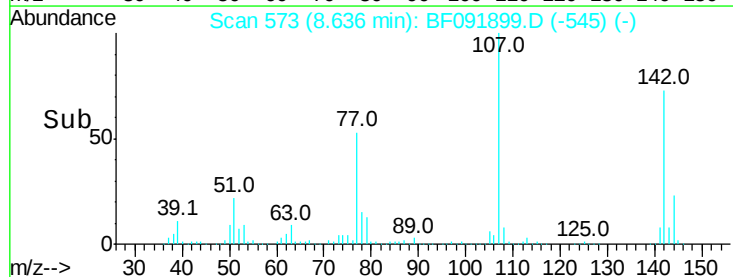
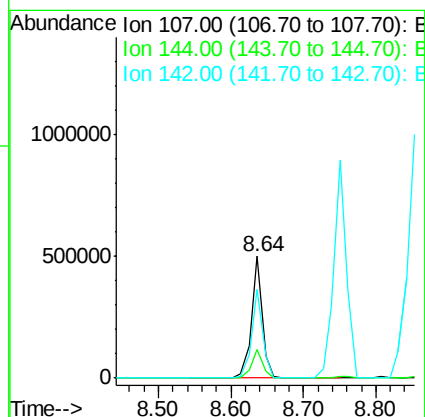
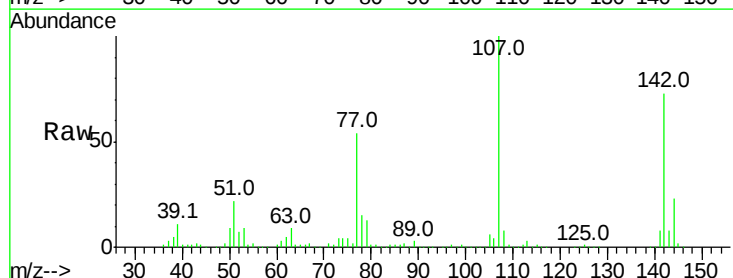
RT: 8.64 min Scan# 573

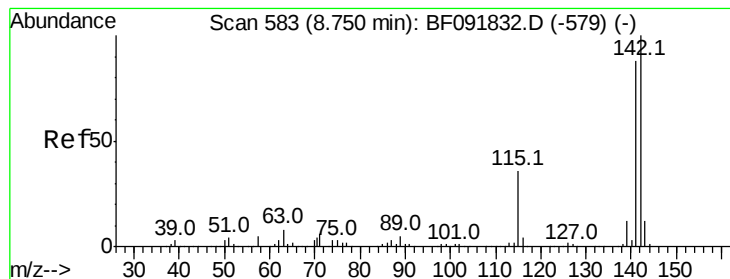
Delta R.T. 0.02 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.2	19.3	28.9
142	73.0	59.0	88.6





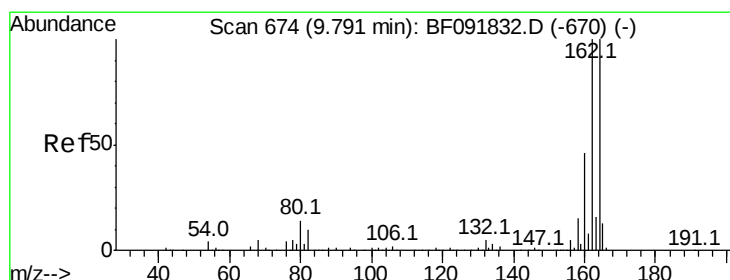
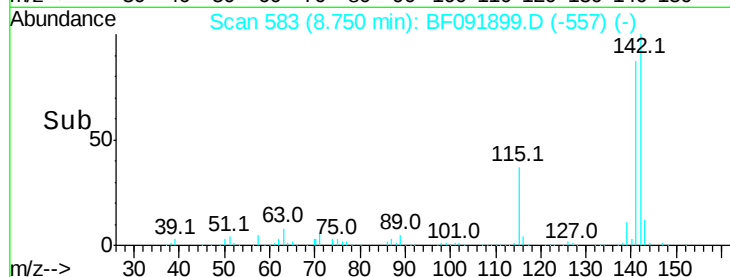
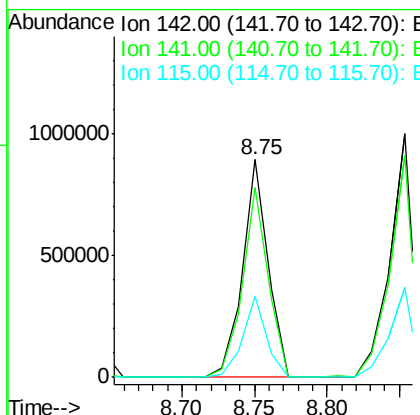
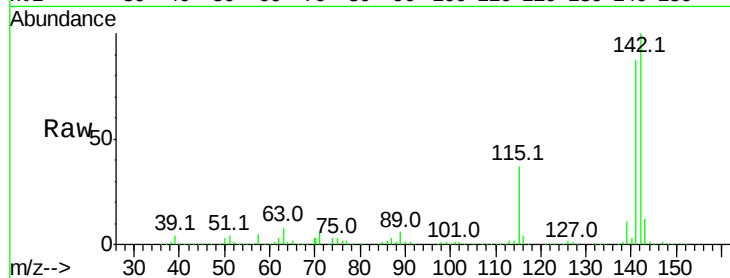
#37
2-Methylnaphthalene
Concen: 44.82 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion:142 Resp: 1080978
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.6
115 37.3 28.3 42.5

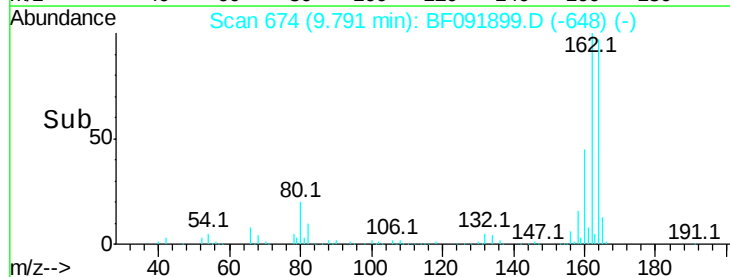
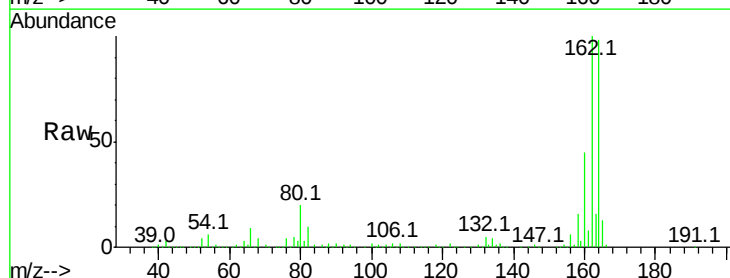
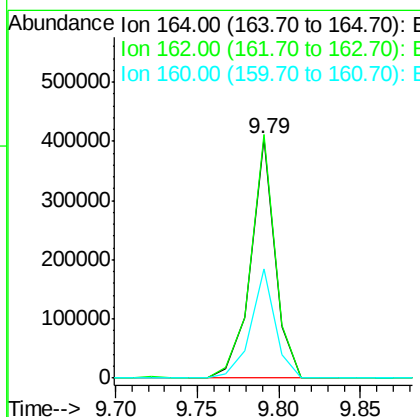
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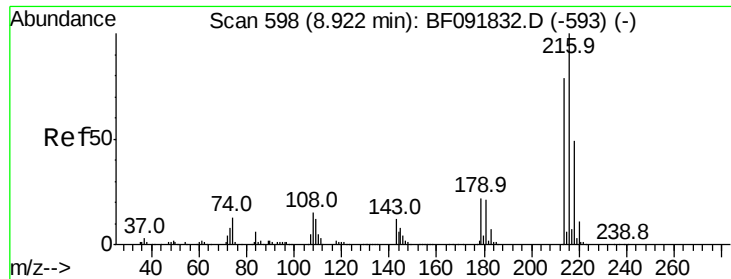
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion:164 Resp: 417671
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 45.7 36.9 55.3





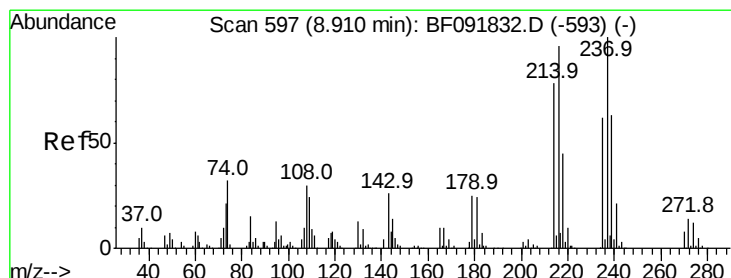
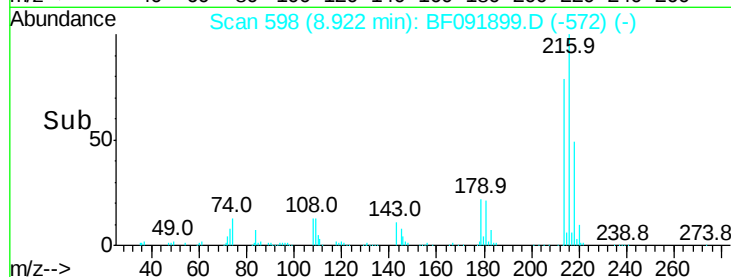
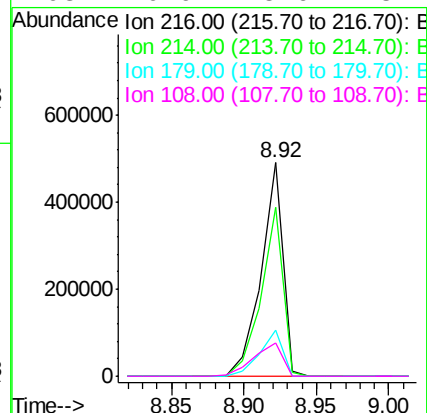
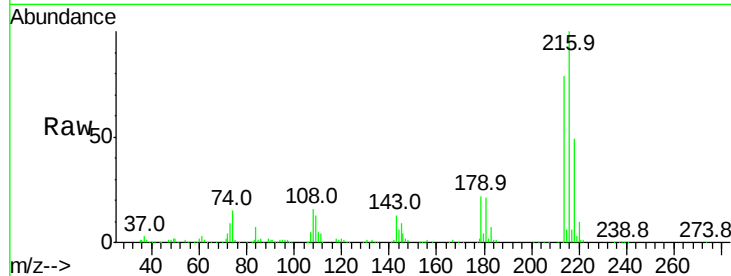
#39
1,2,4,5-Tetrachlorobenzene
Concen: 48.46 ng
RT: 8.92 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	511392		
214	79.2	63.4	95.0	
179	22.6	17.4	26.2	
108	20.9	15.6	23.4	

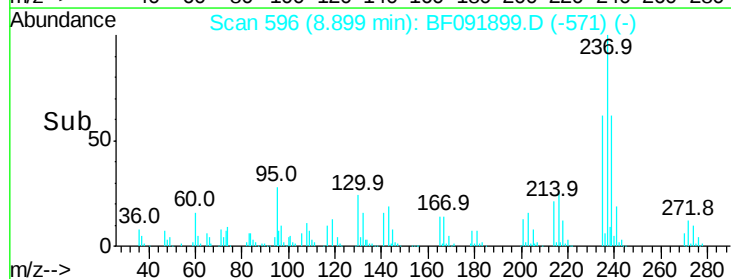
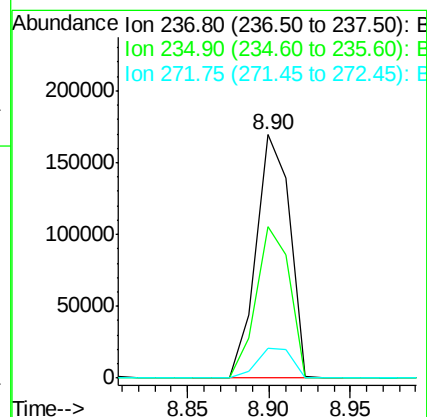
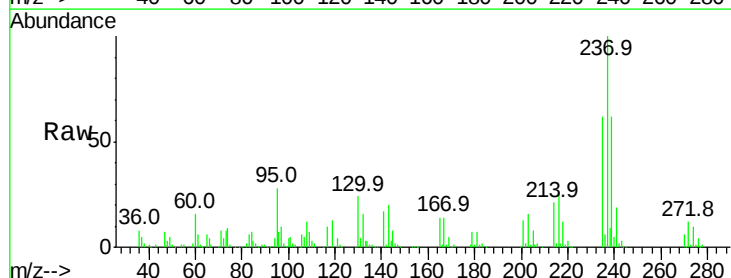
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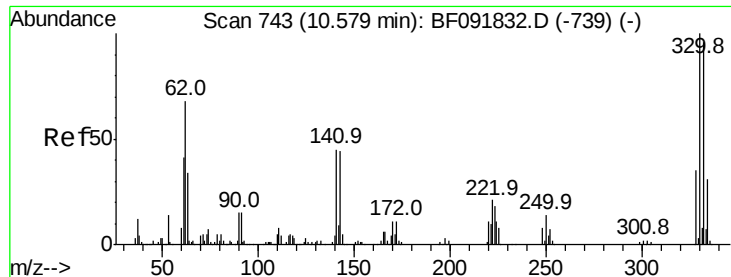
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#40
Hexachlorocyclopentadiene
Concen: 53.10 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	242942		
235	62.0	41.2	81.2	
272	12.4	0.0	35.4	





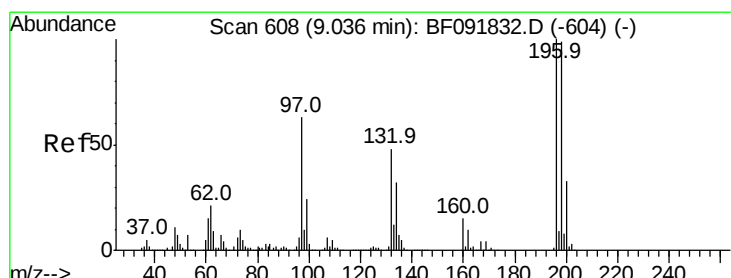
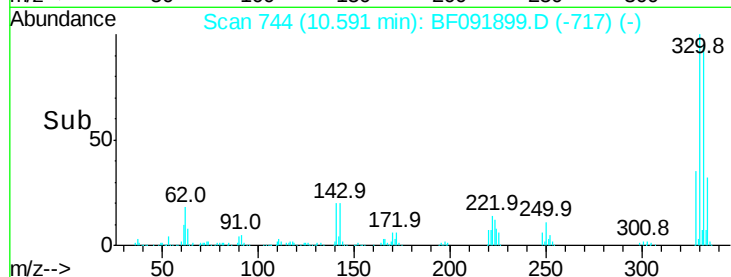
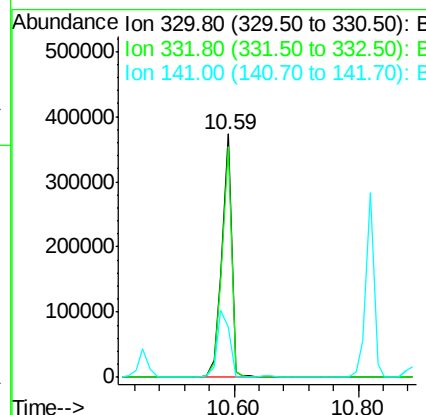
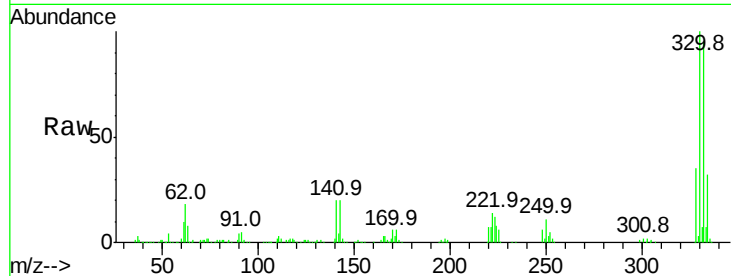
#41
 2,4,6-Tribromophenol
 Concen: 114.68 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	396396		
332	94.5	77.4	116.2	
141	34.9	34.1	51.1	

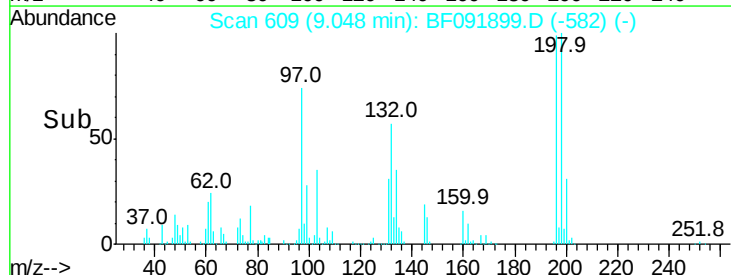
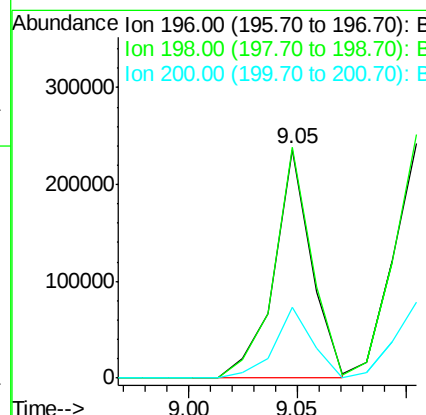
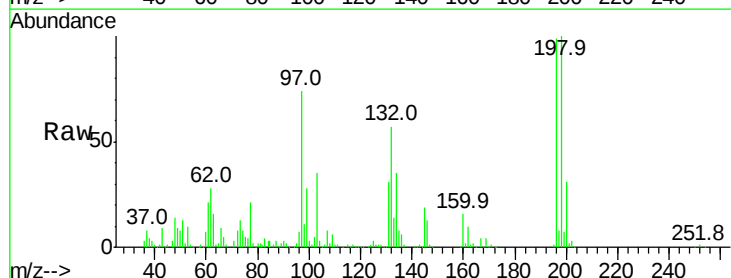
Manual Integrations
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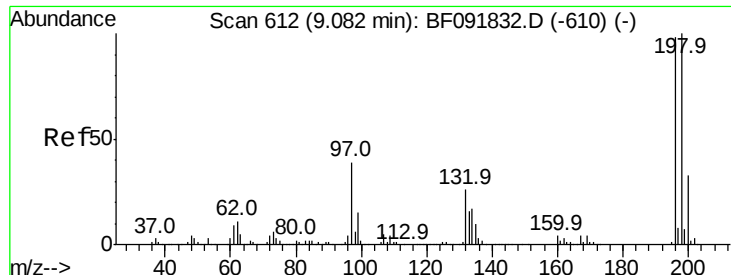
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 12/23/2016 5:53:15 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.76 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	286046		
198	101.1	82.1	123.1	
200	31.1	27.0	40.4	





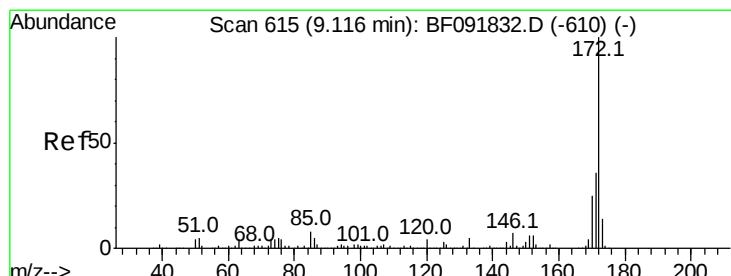
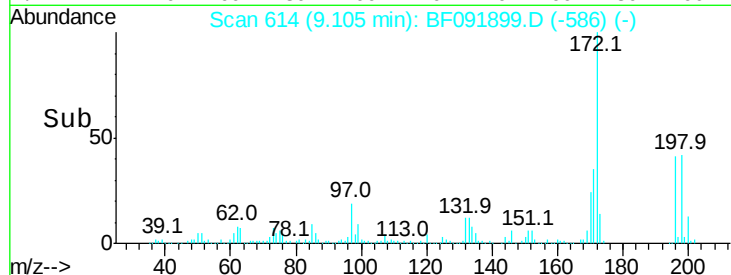
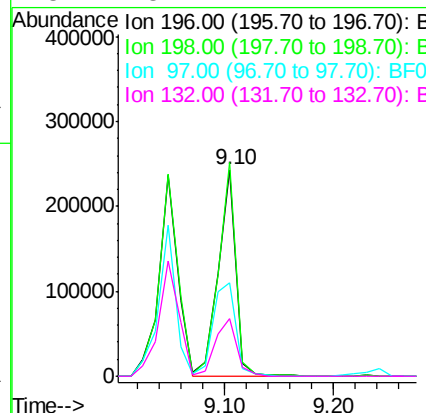
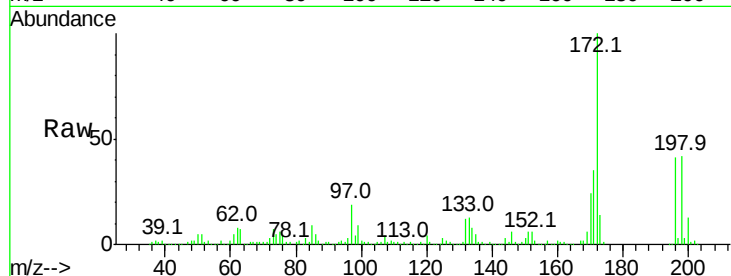
#43
 2,4,5-Trichlorophenol
 Concen: 36.24 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tot Ion:	196	Resp:	275217
Ion Ratio	Lower	Upper	
196	100		
198	103.5	79.4	119.2
97	45.4	51.5	77.3#
132	28.2	27.4	41.2

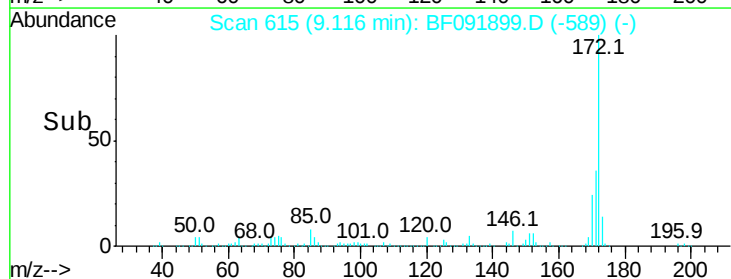
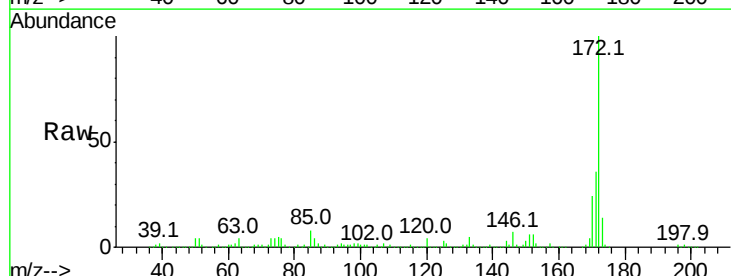
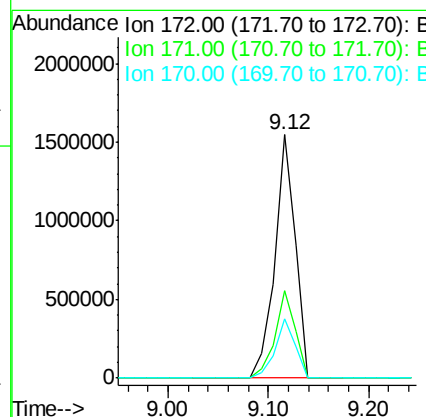
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 109.30 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion:	172	Resp:	2152894
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.4	44.0
170	24.2	20.2	30.4





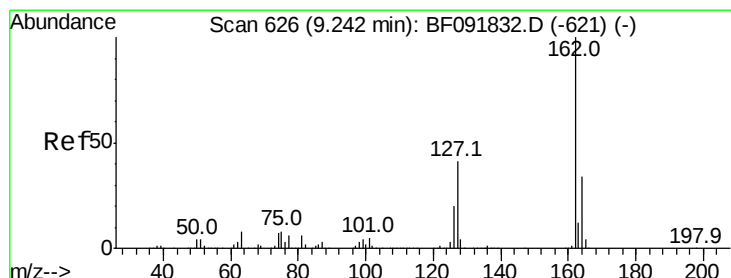
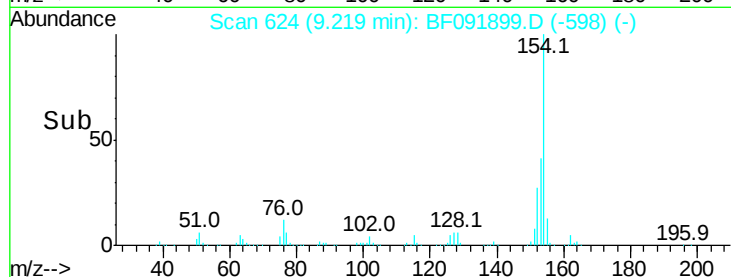
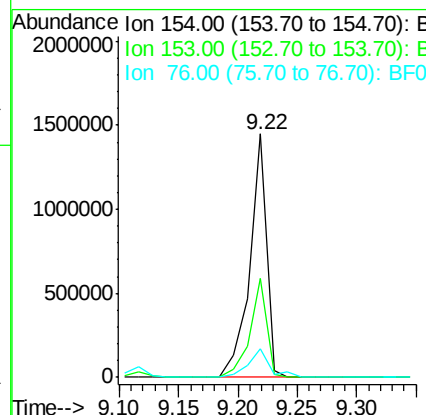
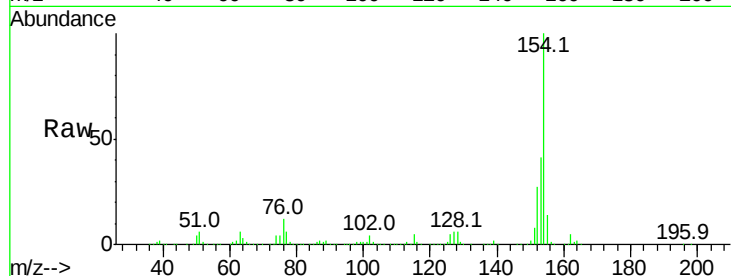
#45
 1,1'-Biphenyl
 Concen: 50.11 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	11.8	0.0	30.5

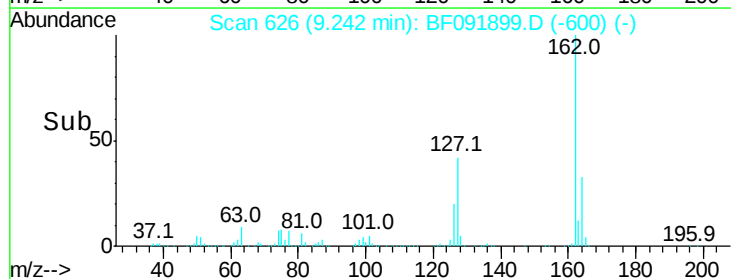
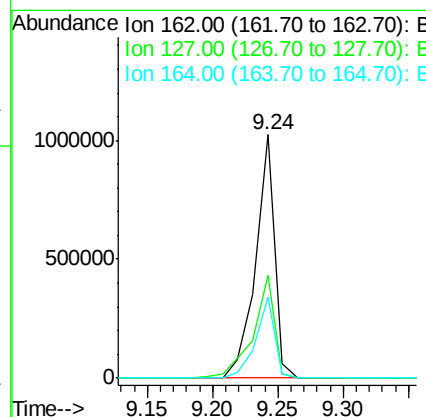
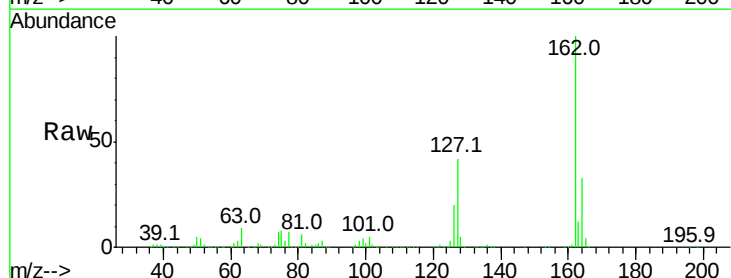
Manual Integrations
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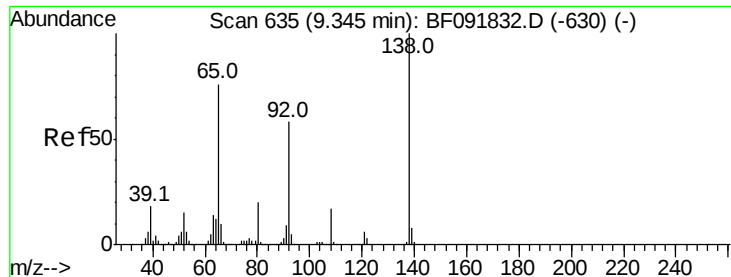
SOHIL
 12/23/2016 5:53:15 PM



#46
 2-Chloronaphthalene
 Concen: 45.85 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	30.7	46.1
164	33.1	27.6	41.4





#47

2-Nitroaniline

Concen: 39.48 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

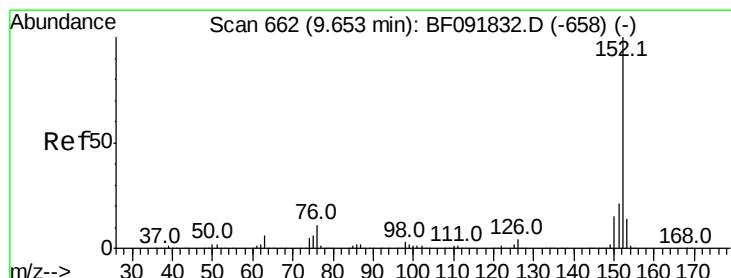
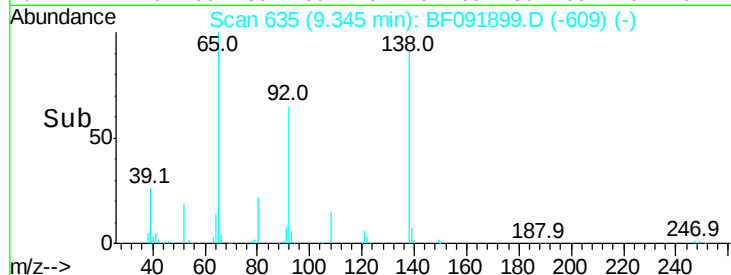
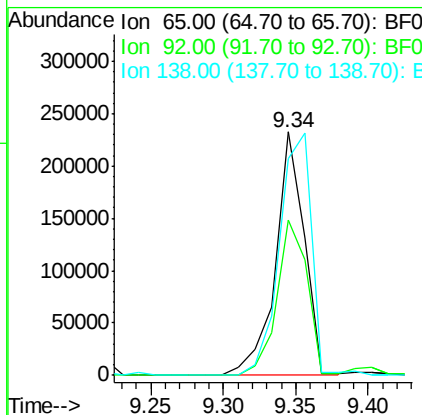
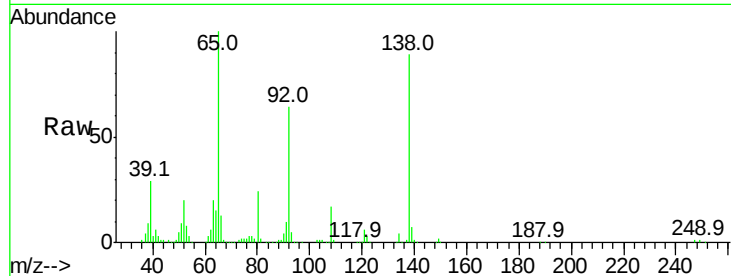
ClientSampleId :

PB95563BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	53.9	80.9
138	89.2	76.8	115.2

Manual Integrations
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#48

Acenaphthylene

Concen: 43.16 ng

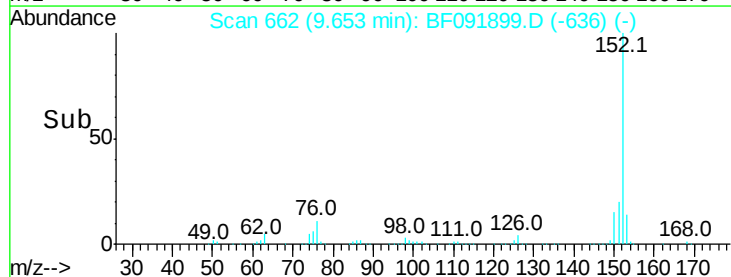
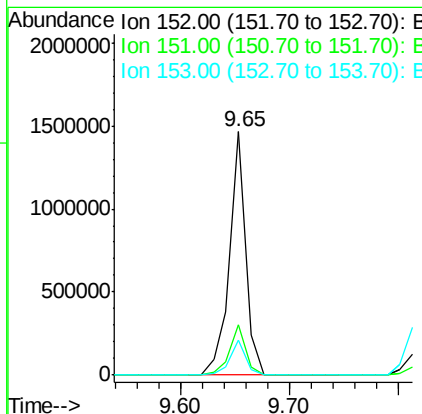
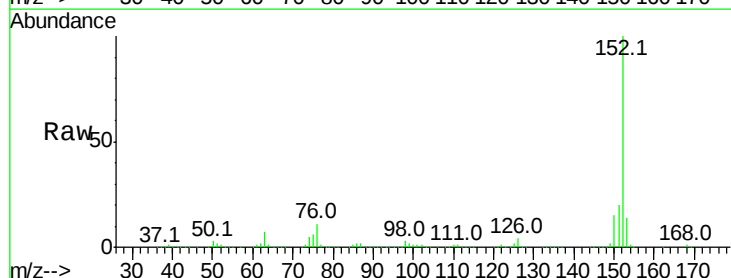
RT: 9.65 min Scan# 662

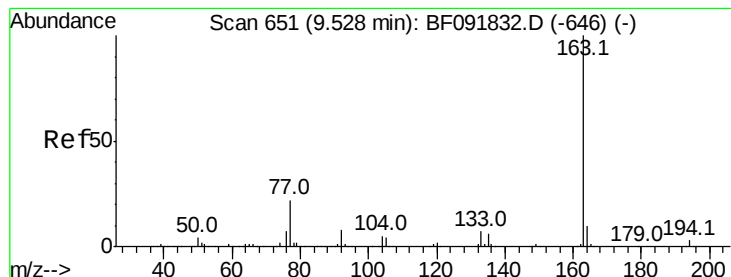
Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	14.4	11.4	17.2





#49

Dimethylphthalate

Concen: 48.83 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

Tot Ion:163 Resp: 1304542

Ion Ratio Lower Upper

163 100

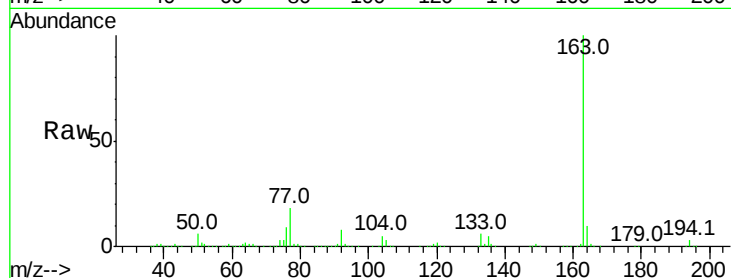
194 3.5 3.0 4.4

164 9.8 8.0 12.0

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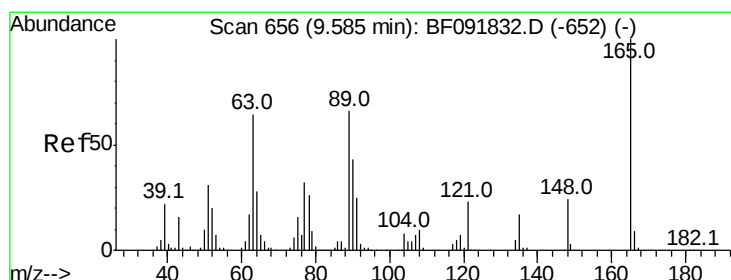
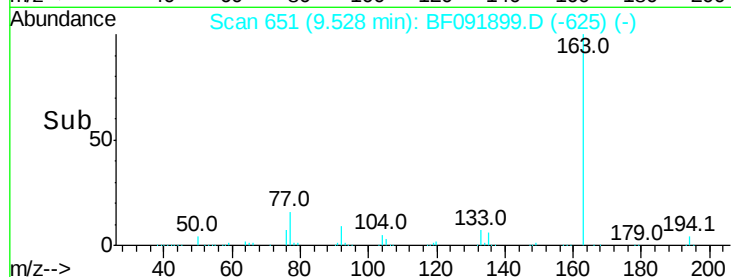
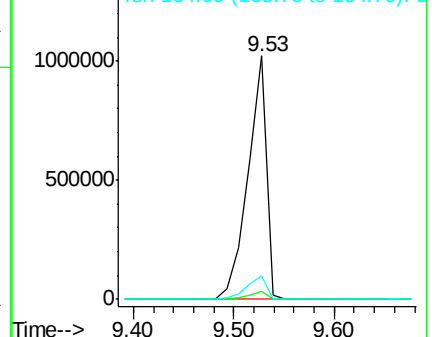
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.48 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

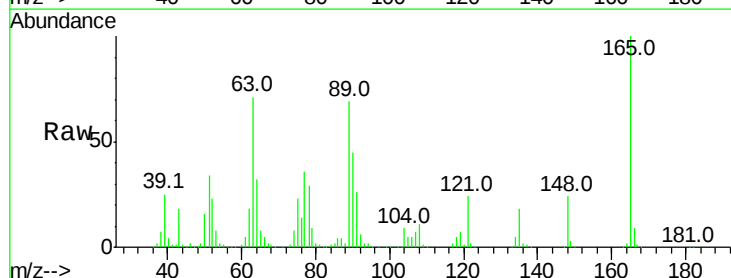
Tgt Ion:165 Resp: 224984

Ion Ratio Lower Upper

165 100

63 70.8 36.2 54.4#

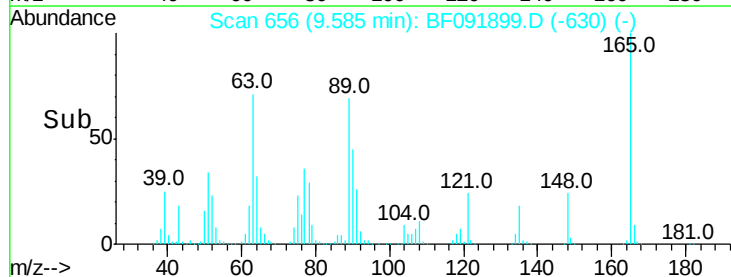
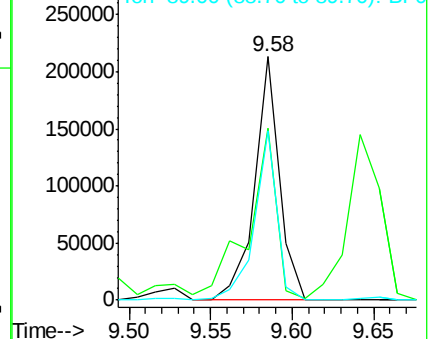
89 69.4 40.2 60.4#

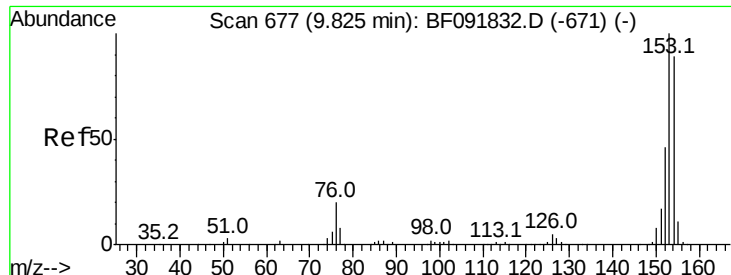


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





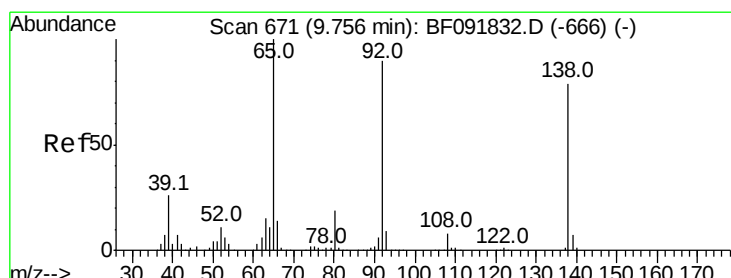
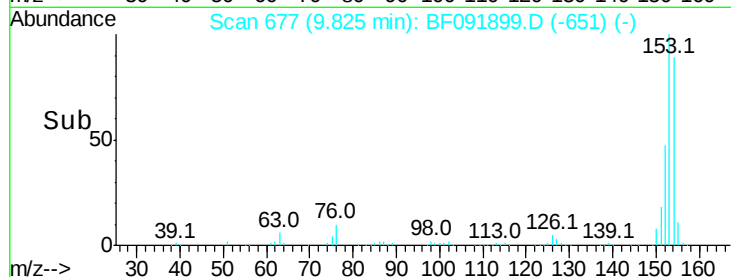
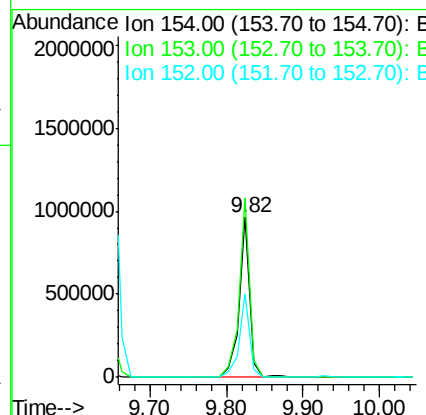
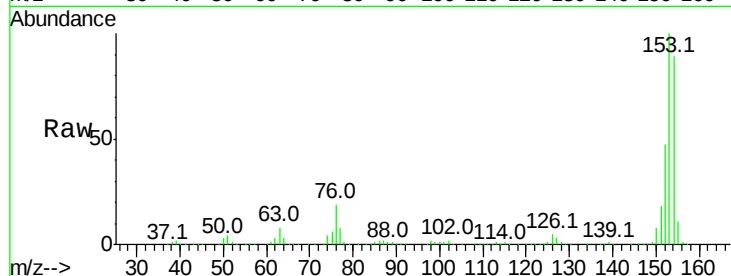
#51
Acenaphthene
Concen: 40.43 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.8	88.6	133.0
152	52.1	41.6	62.4

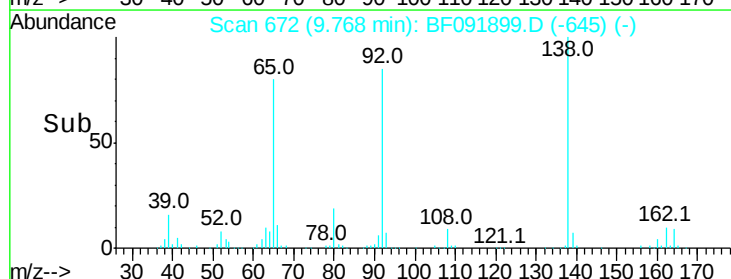
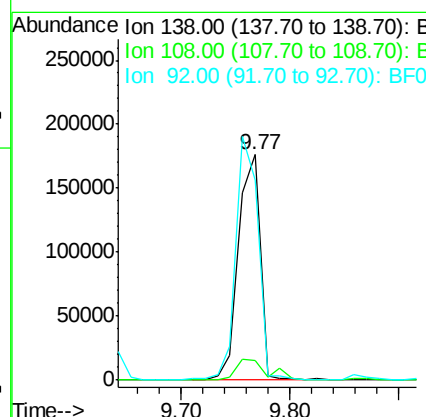
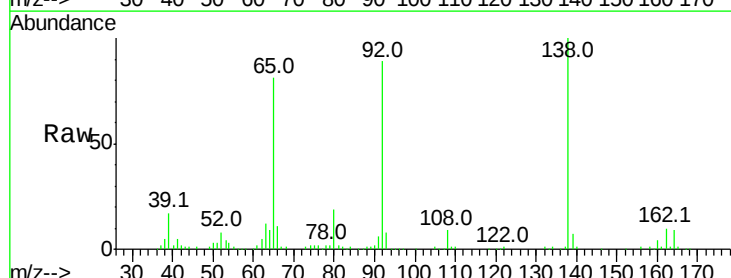
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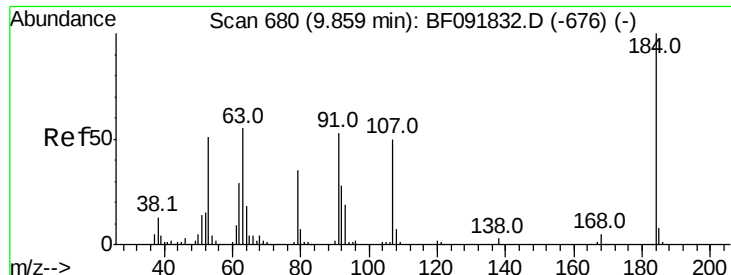
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#52
3-Nitroaniline
Concen: 33.41 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.01 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.7	8.5	12.7
92	89.2	97.8	146.8#





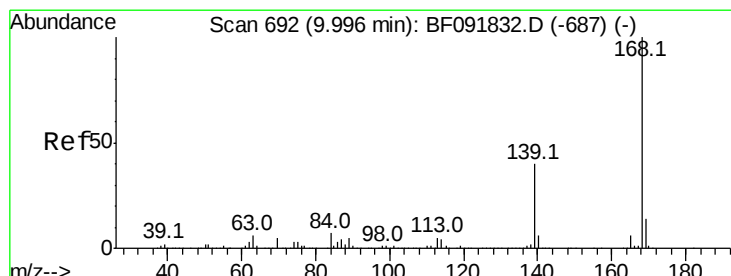
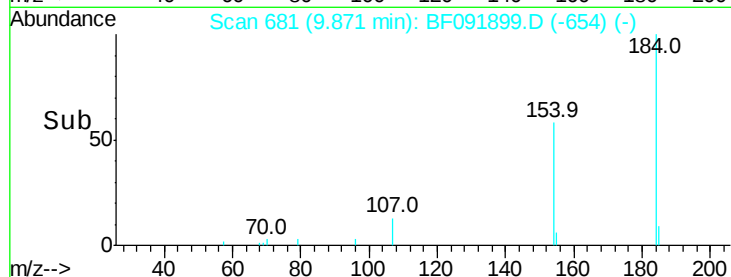
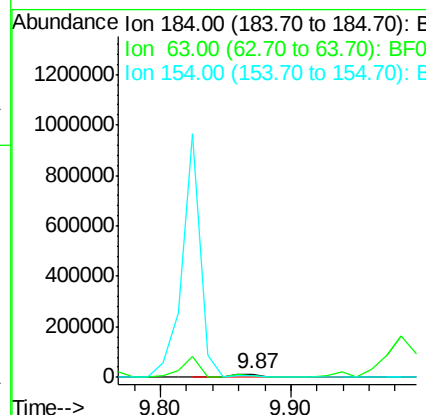
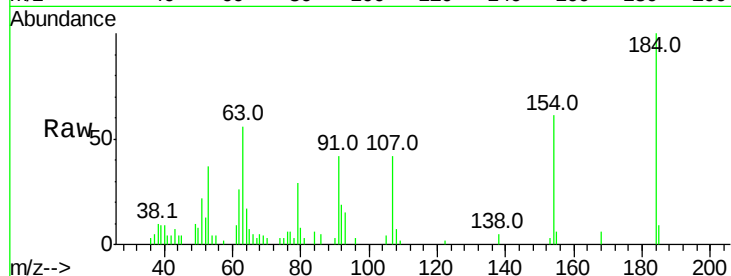
#53
 2,4-Dinitrophenol
 Concen: 6.75 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.5	28.4	42.6
154	61.3	44.3	66.5

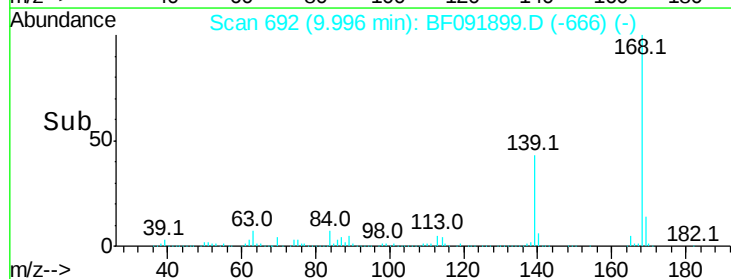
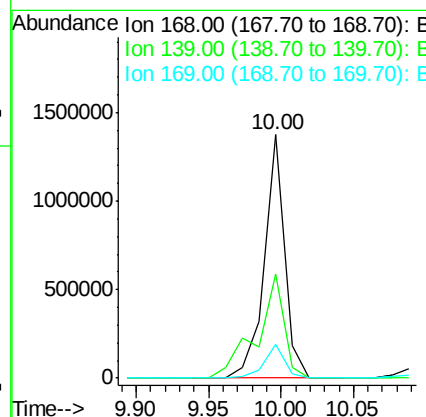
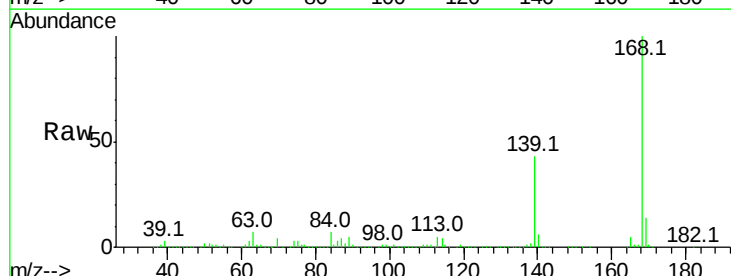
Manual Integrations
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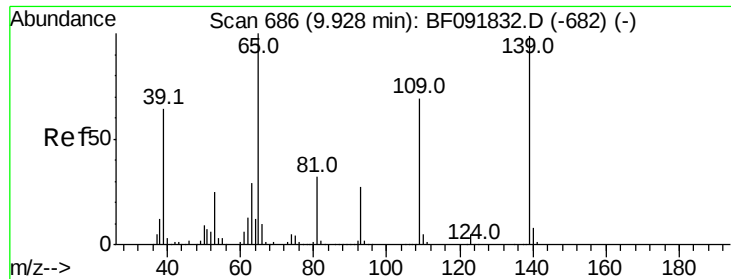
SOHIL
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#54
 Dibenzofuran
 Concen: 41.78 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.7	32.6	49.0
169	13.8	11.3	16.9





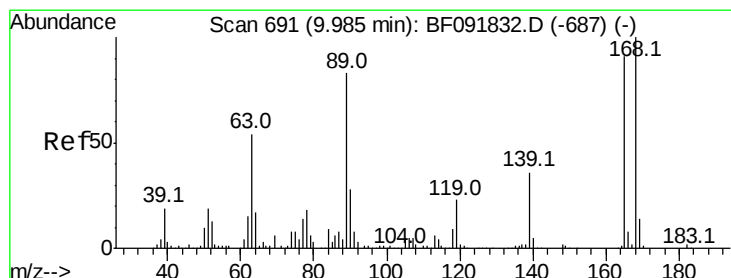
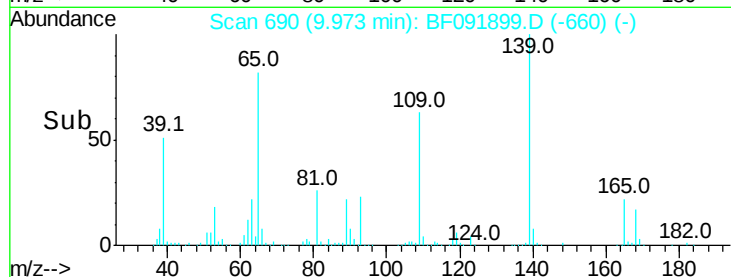
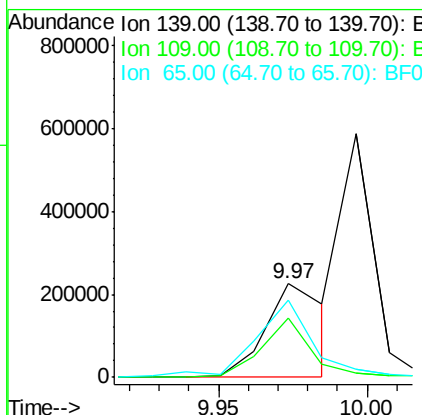
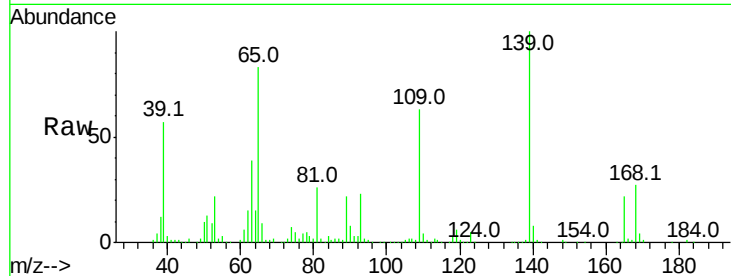
#55
4-Nitrophenol
Concen: 65.70 ng/ml
RT: 9.97 min Scan# 690
Delta R.T. 0.05 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleID :
PB95563BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.8	52.2	92.2	
65	83.0	85.8	125.8	

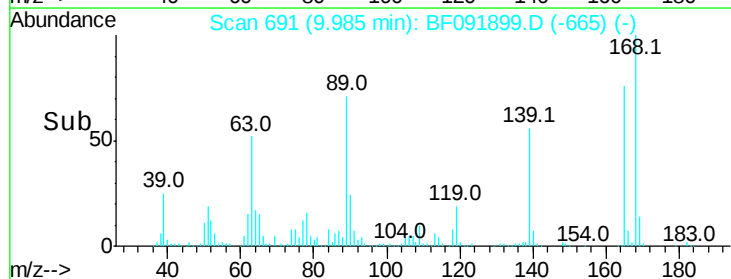
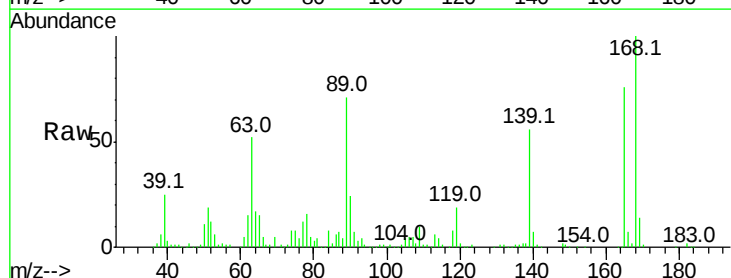
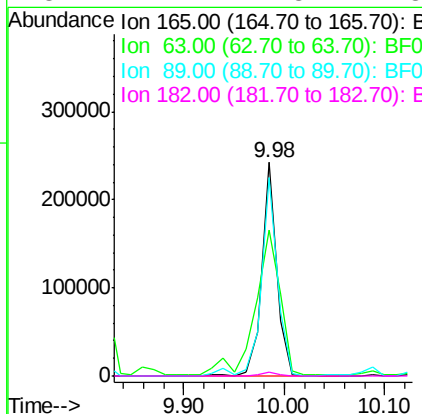
Manual Integrations
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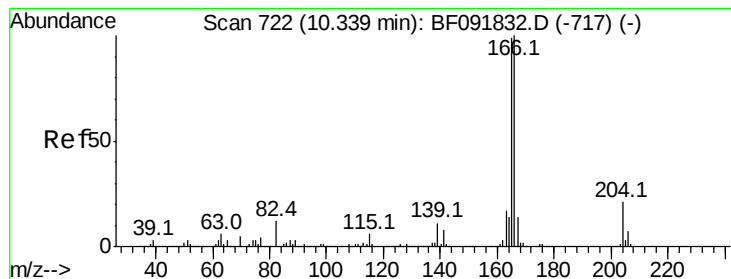
SOHIL
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#56
2,4-Dinitrotoluene
Concen: 34.20 ng/ml
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.5	40.2	60.4	
89	93.1	62.5	93.7	
182	2.1	1.8	2.8	





#57

Fluorene

Concen: 43.23 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampled :

PB95563BS

Tot Ion:166 Resp: 1002908

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.8

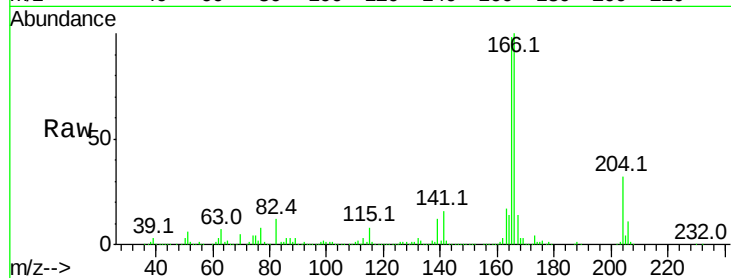
167 13.7 10.8 16.2

Manual Integrations

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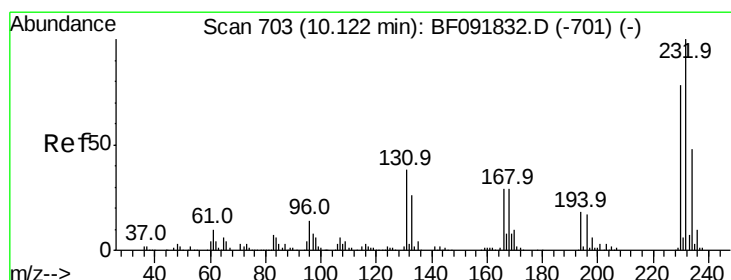
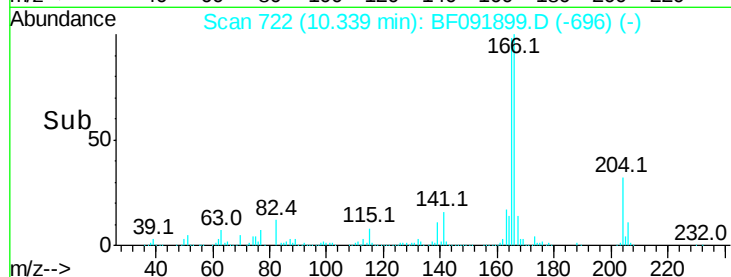
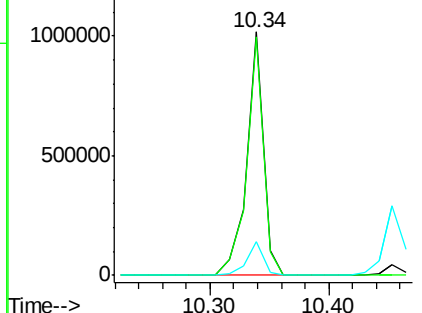
12/23/2016 5:53:15 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.22 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion:232 Resp: 211557

Ion Ratio Lower Upper

232 100

131 49.0 40.1 60.1

130 2.3 1.8 2.8

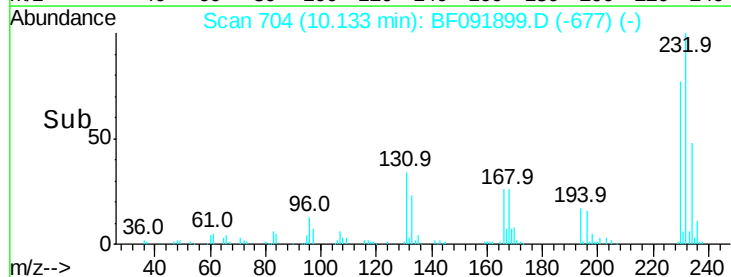
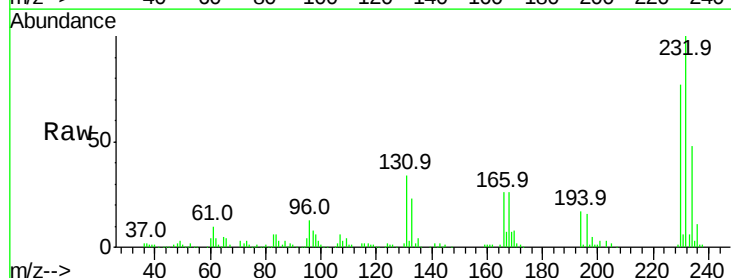
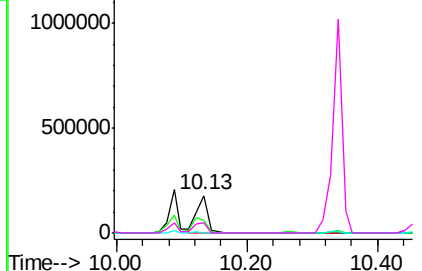
166 32.3 26.6 39.8

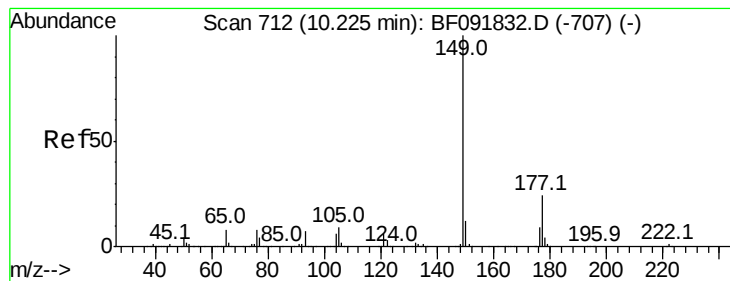
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.71 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

Tot Ion:149 Resp: 1263697

Ion Ratio Lower Upper

149 100

177 23.9 16.6 25.0

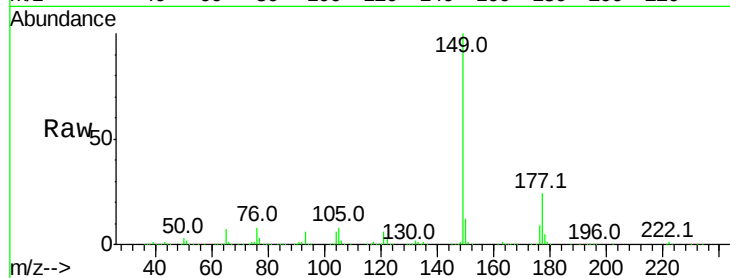
150 12.3 10.4 15.6

Manual Integrations

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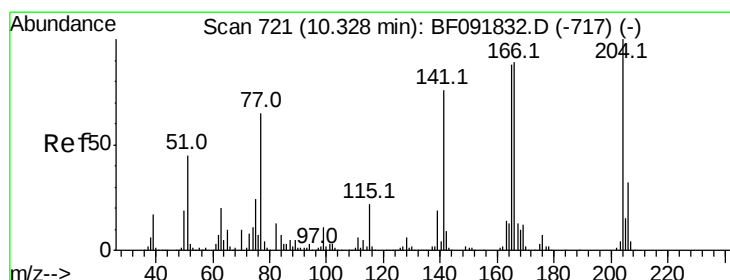
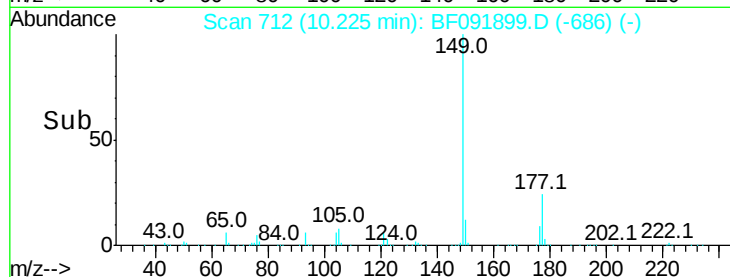
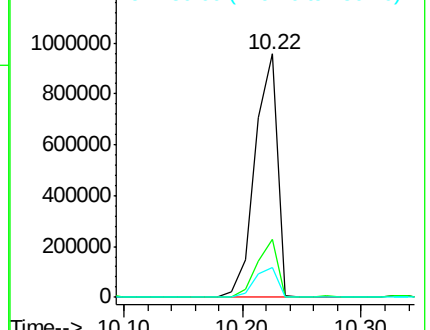
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.61 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

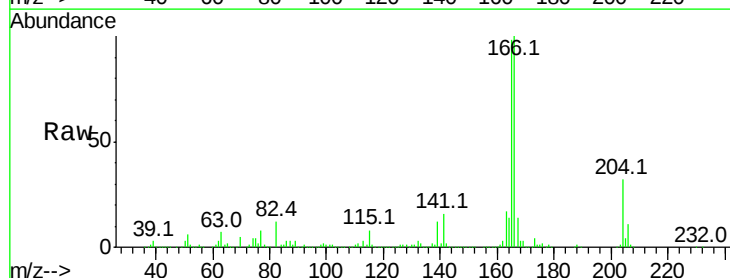
Tgt Ion:204 Resp: 473534

Ion Ratio Lower Upper

204 100

206 34.5 25.8 38.6

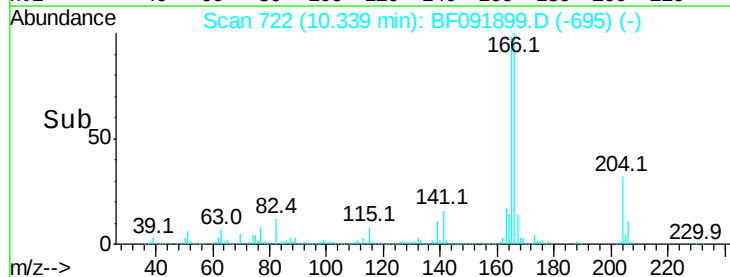
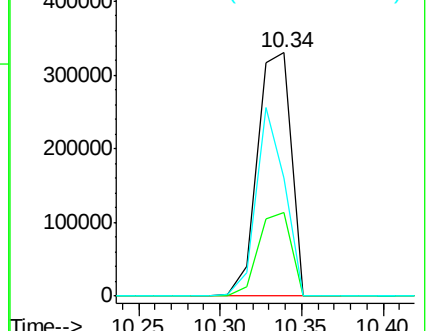
141 48.5 59.4 89.0#

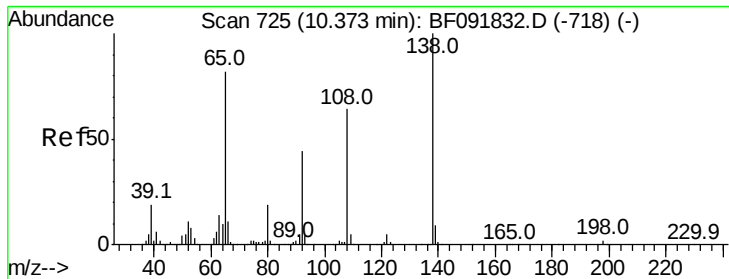


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.47 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

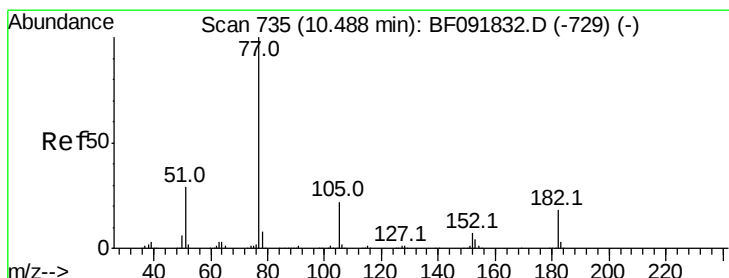
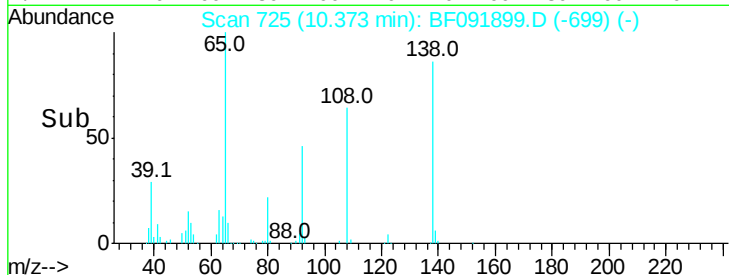
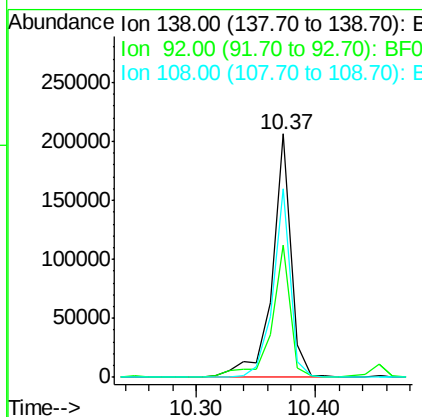
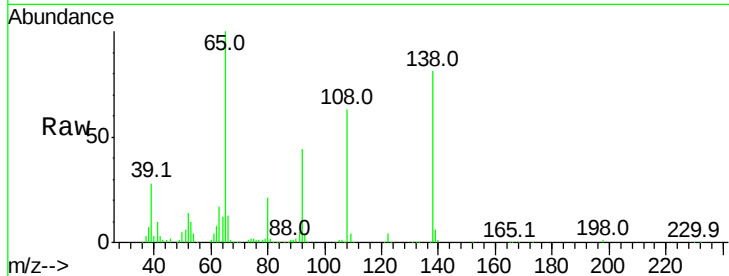
ClientSampleId :

PB95563BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.3	31.7	71.7
108	77.2	52.6	92.6

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#62

Azobenzene

Concen: 43.06 ng

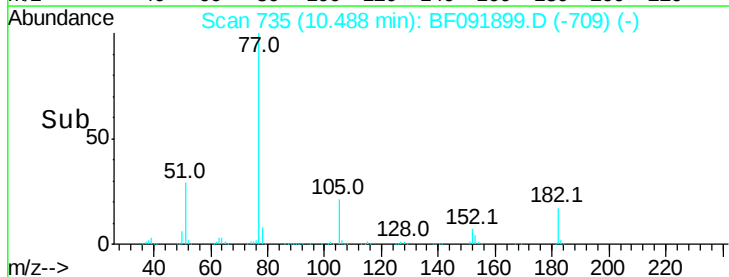
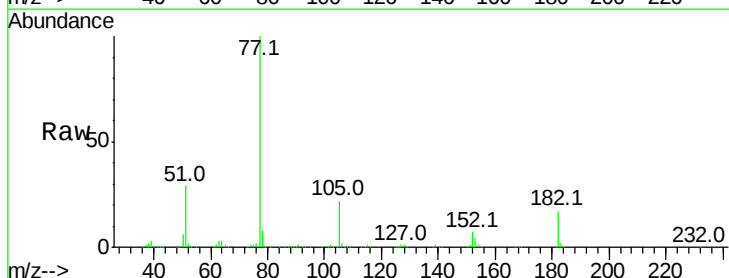
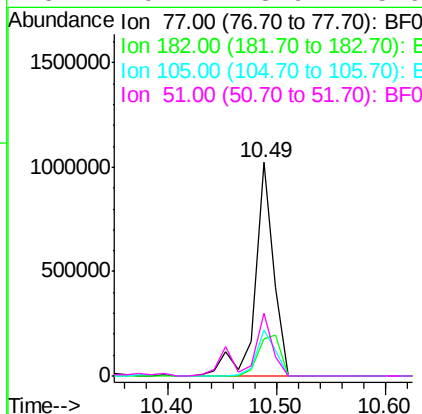
RT: 10.49 min Scan# 735

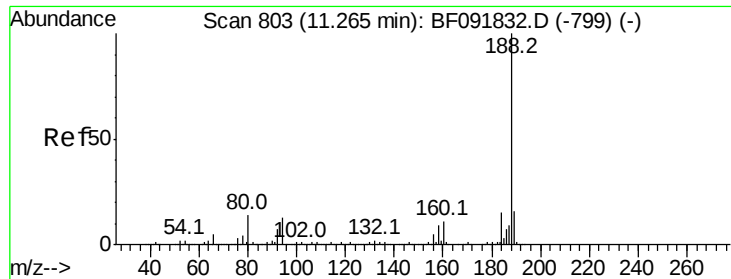
Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.5	0.0	39.3
105	21.5	2.3	42.3
51	29.4	8.9	48.9





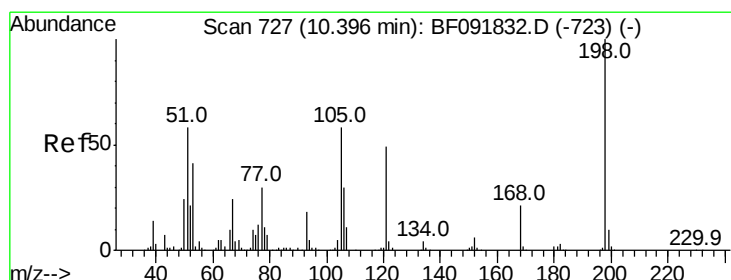
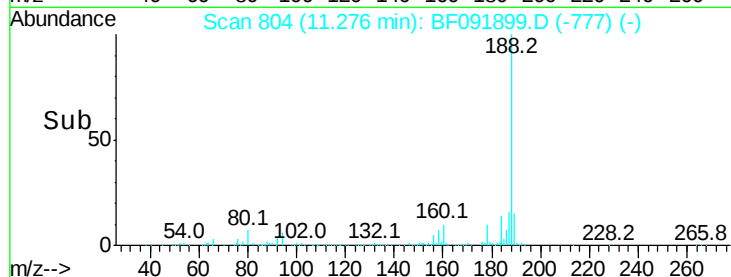
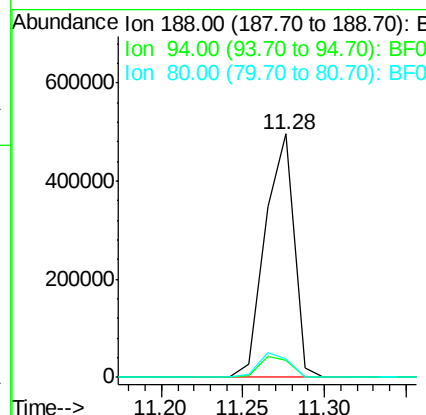
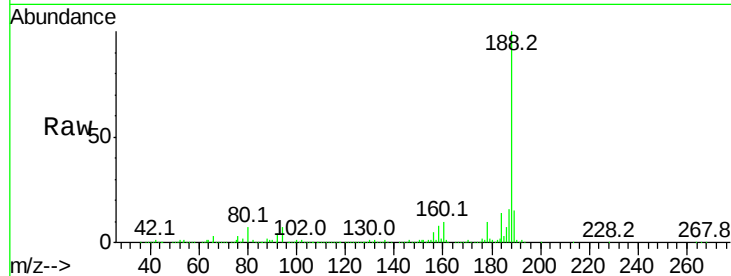
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	612931		
94	6.9	10.0	15.0#	
80	7.4	11.2	16.8#	

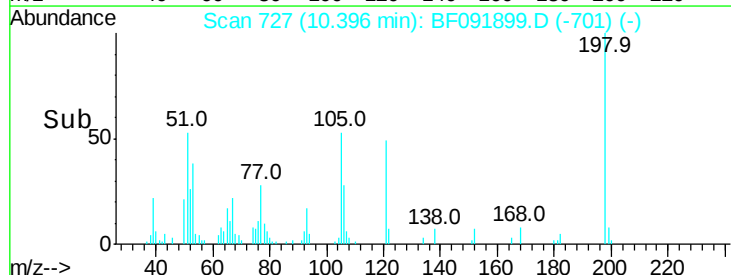
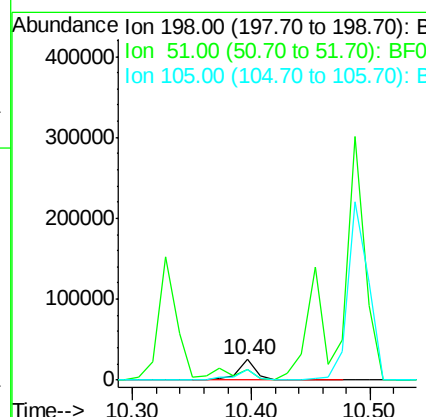
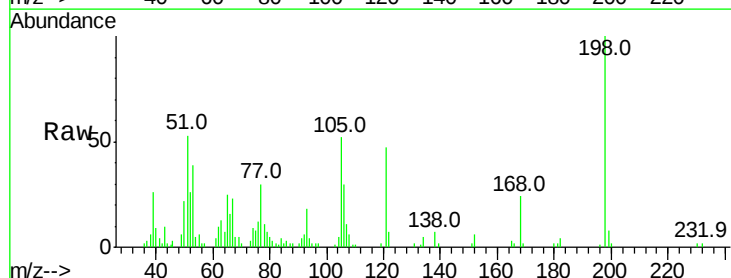
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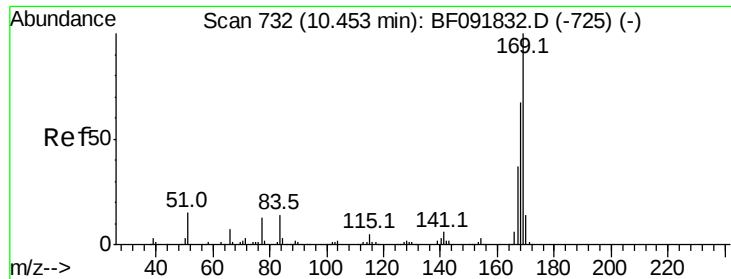
SOHIL
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#64
4,6-Dinitro-2-methylphenol
Concen: 7.30 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	27054		
51	53.5	6.7	46.7#	
105	52.4	16.6	56.6	





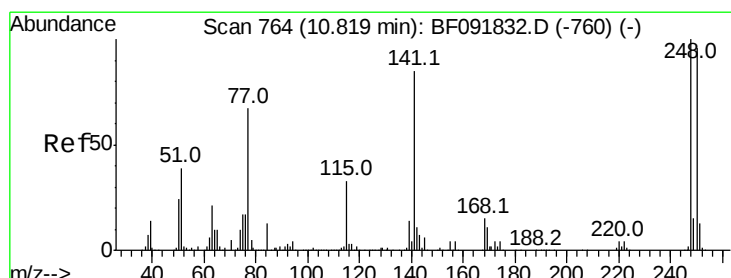
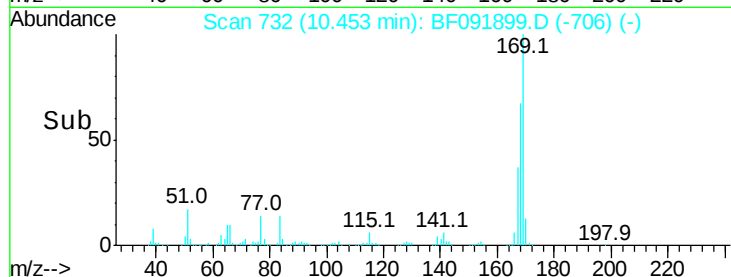
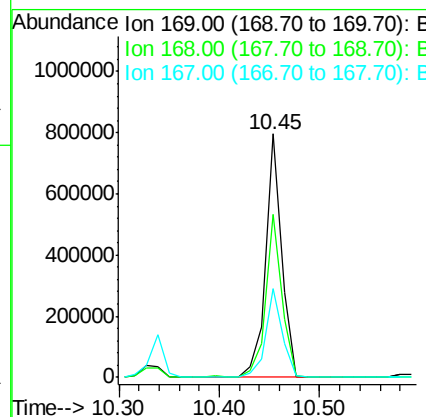
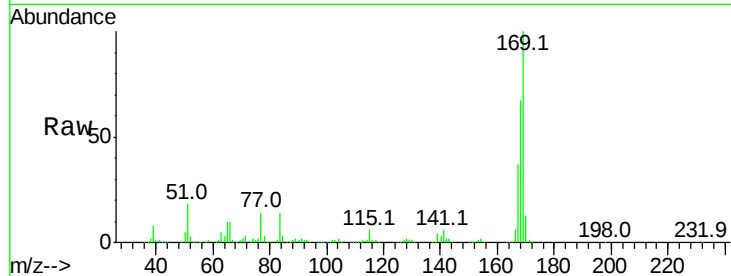
#65
n-Nitrosodiphenylamine
Concen: 48.31 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.0	54.2	81.2	
167	36.7	30.2	45.4	

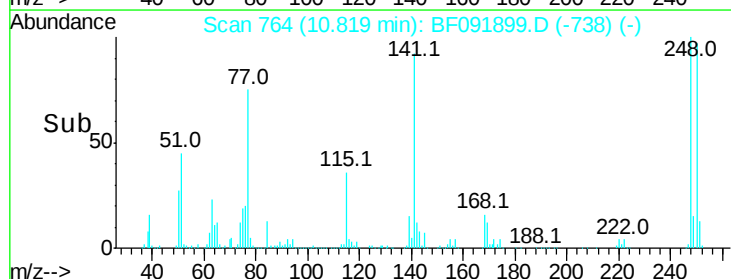
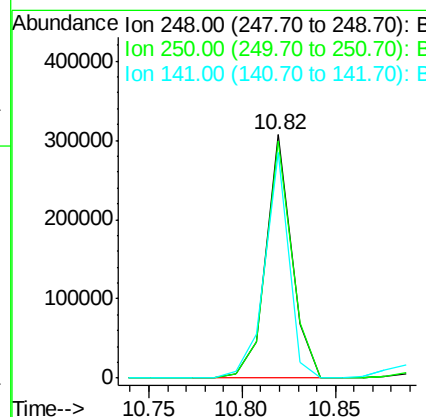
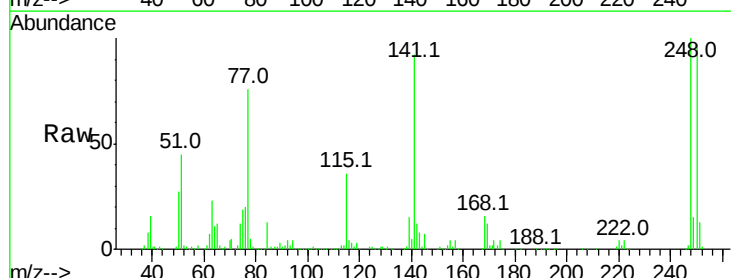
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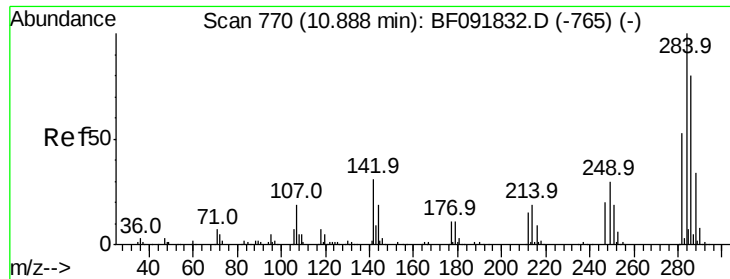
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#66
4-Bromophenyl-phenylether
Concen: 46.11 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.5	76.9	115.3	
141	92.4	68.2	102.4	





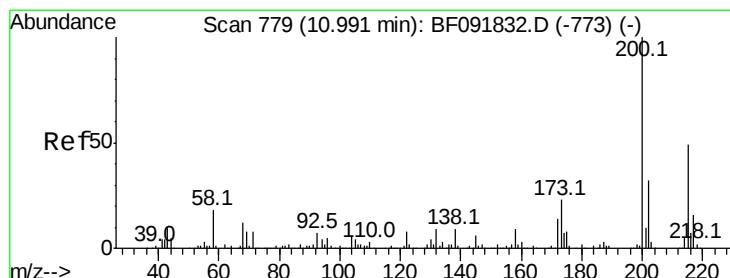
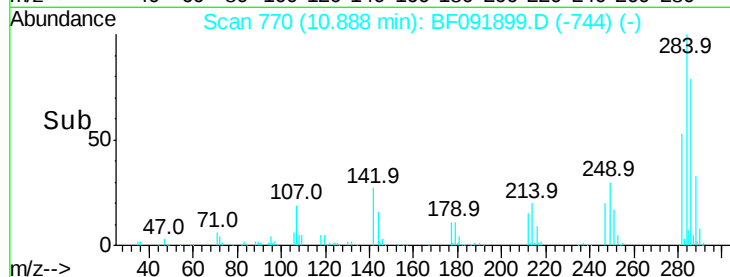
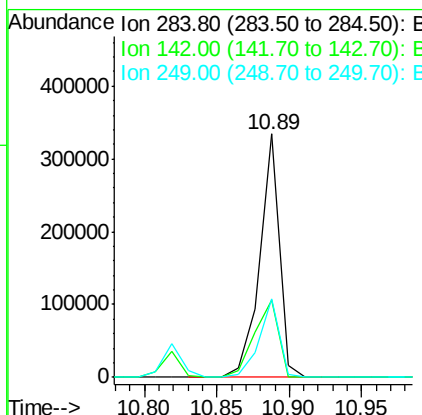
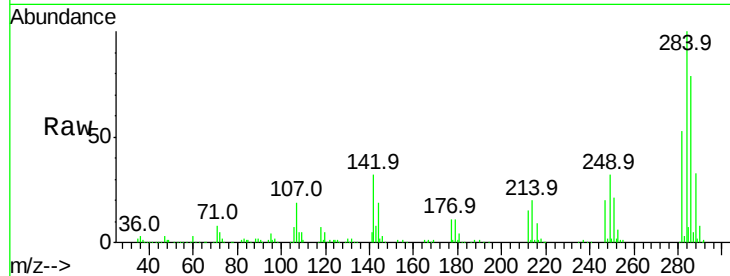
#67
Hexachlorobenzene
Concen: 46.20 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.7	22.6	33.8	
249	32.3	25.4	38.0	

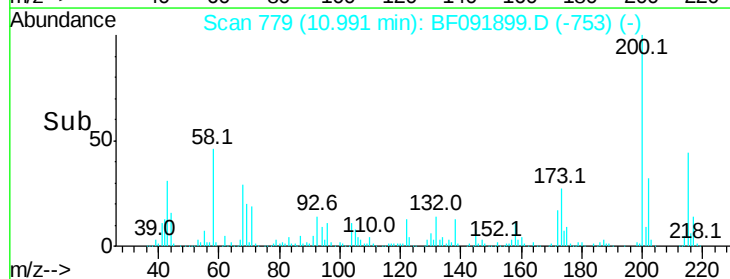
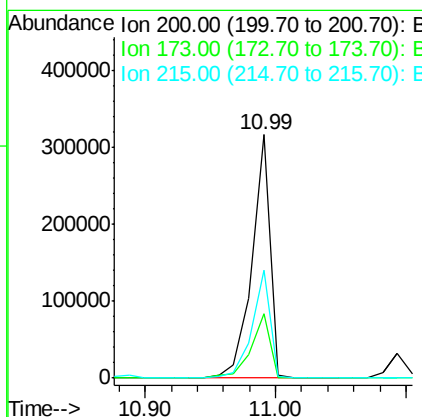
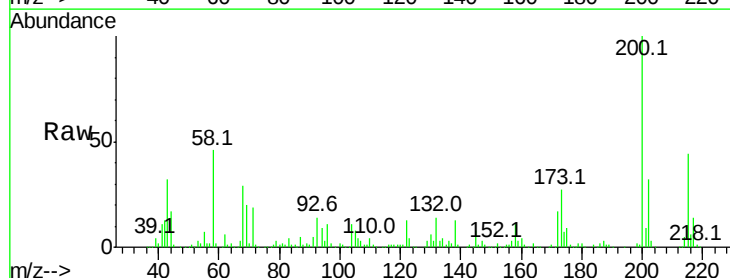
Manual Integrations
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#68
Atrazine
Concen: 52.27 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.7	9.6	49.6	
215	44.1	25.7	65.7	





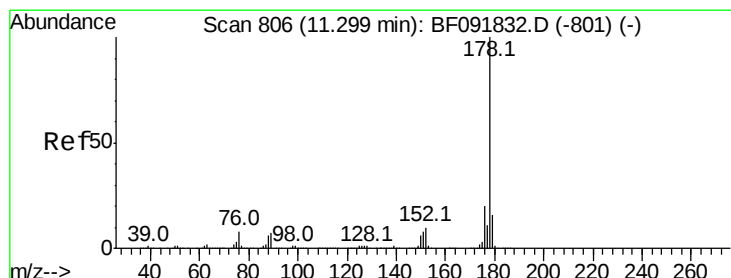
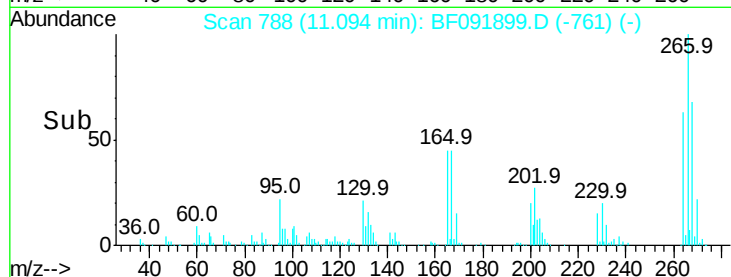
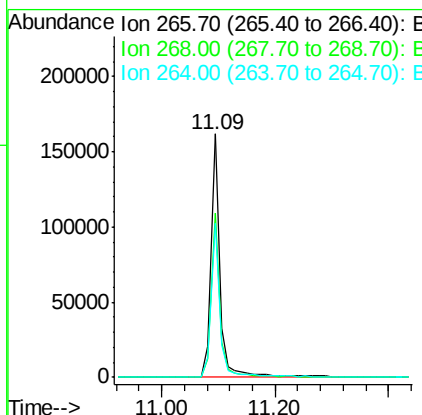
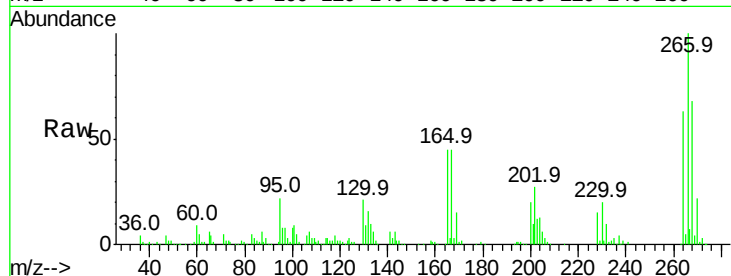
#69
 Pentachlorophenol
 Concen: 51.23 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	171298		
268	67.5	53.3	79.9	
264	63.2	50.3	75.5	

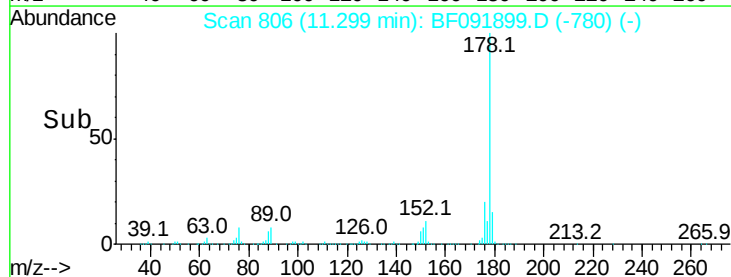
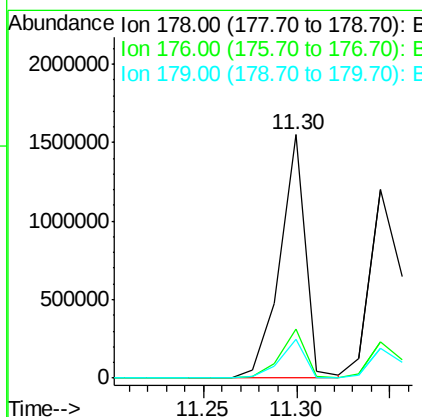
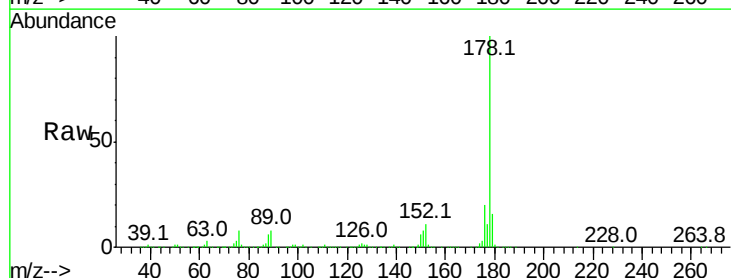
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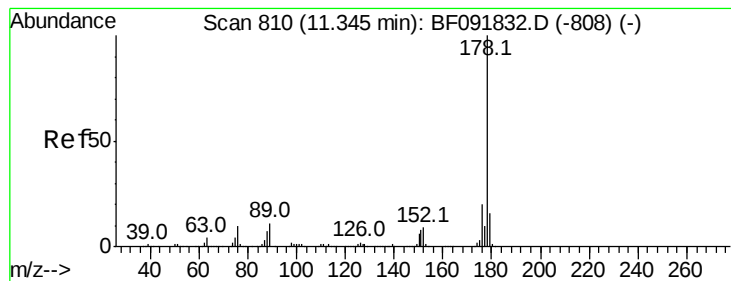
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#70
 Phenanthrene
 Concen: 44.19 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1468660		
176	20.0	16.6	25.0	
179	15.8	12.8	19.2	





#71

Anthracene

Concen: 47.05 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

Tot Ion:178 Resp: 1365011

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

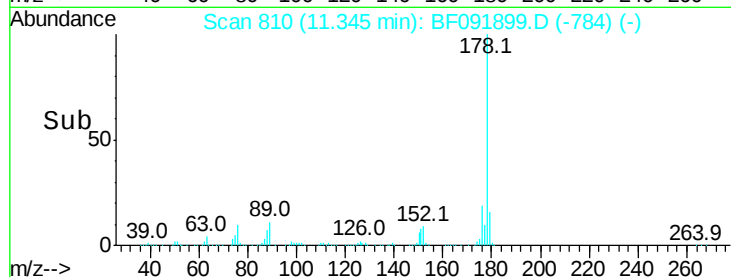
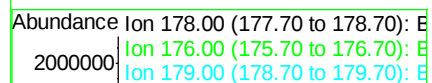
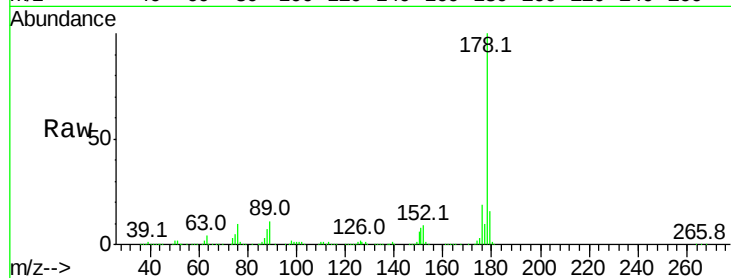
179 16.0 13.2 19.8

Manual Integrations

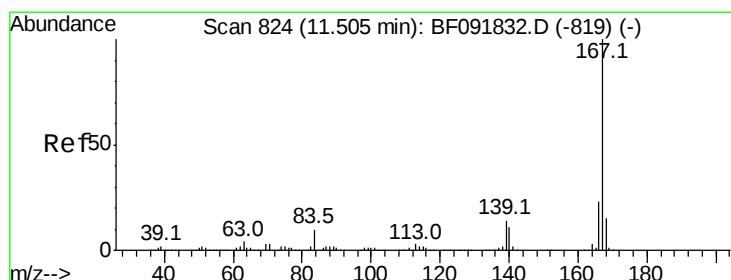
APPROVED

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Time-->



#72

Carbazole

Concen: 50.21 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

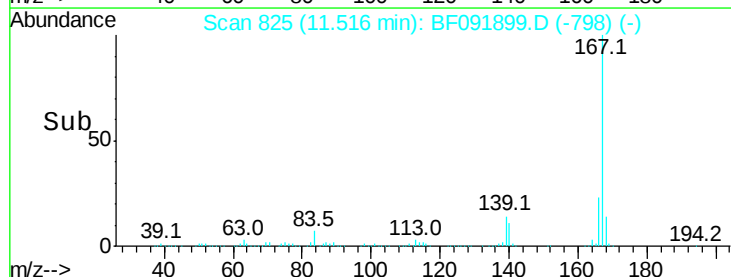
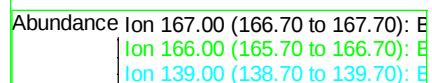
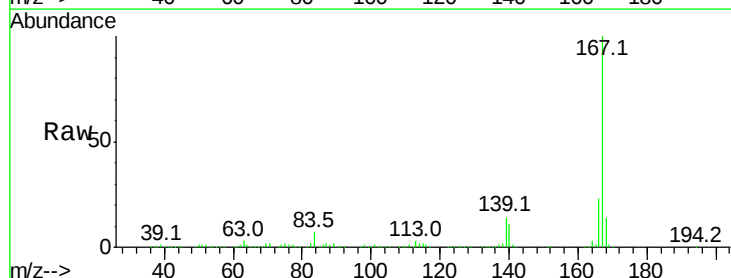
Tgt Ion:167 Resp: 1303319

Ion Ratio Lower Upper

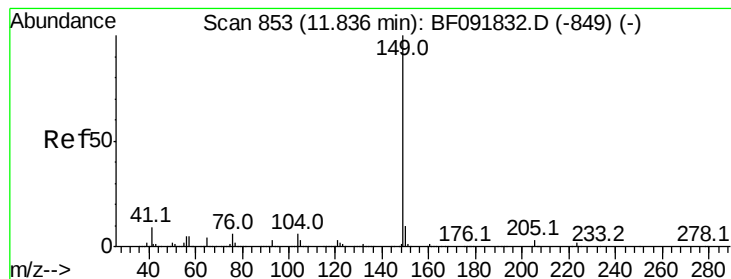
167 100

166 22.6 18.2 27.2

139 13.7 11.4 17.2



Time-->



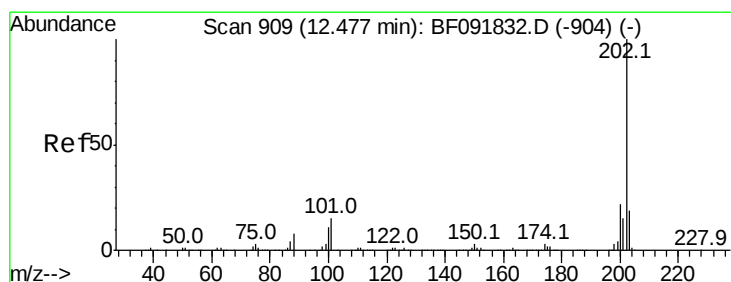
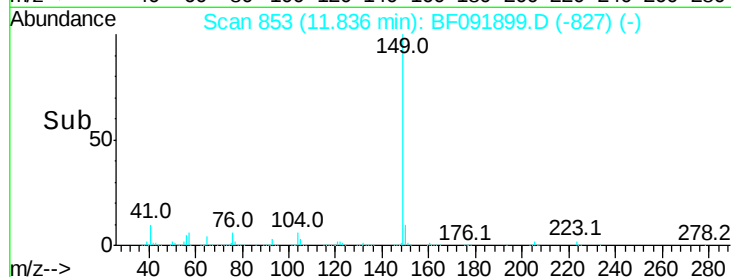
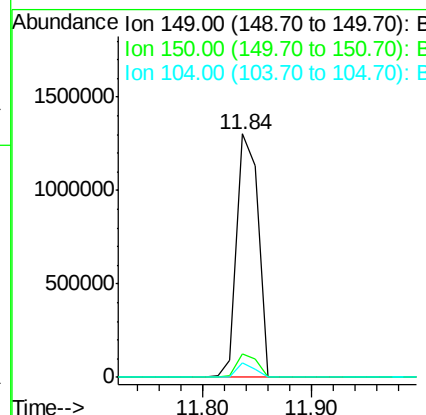
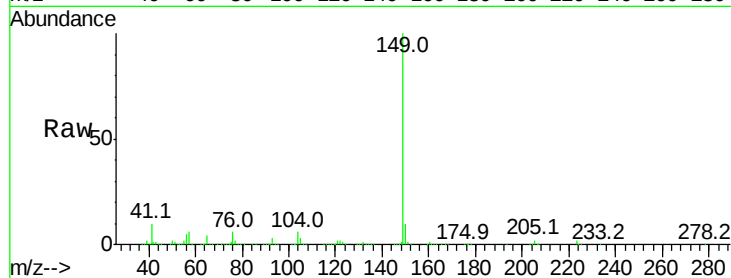
#73
Di-n-butylphthalate
Concen: 56.49 ng
RT: 11.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	5.9	4.6	7.0

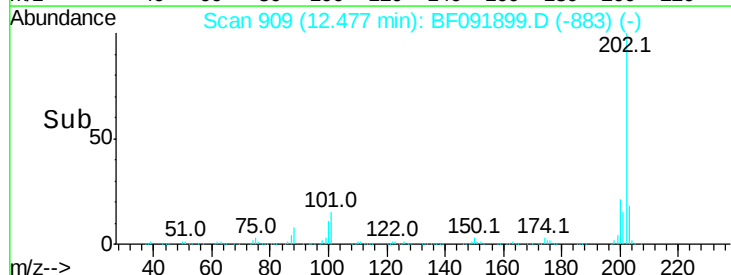
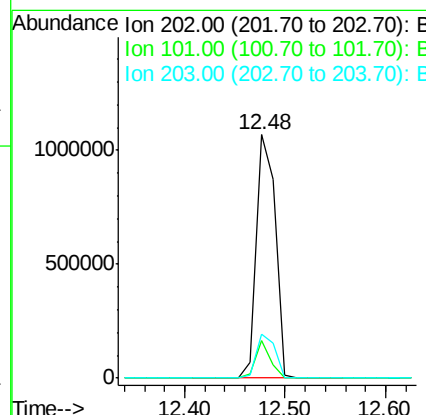
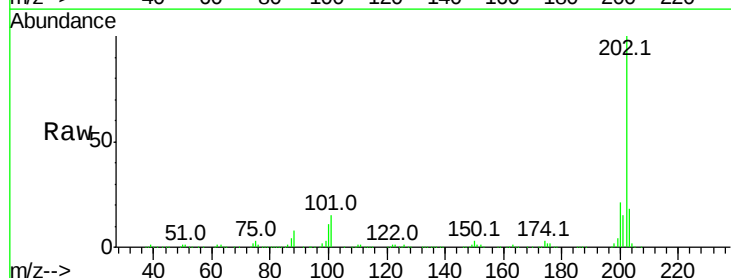
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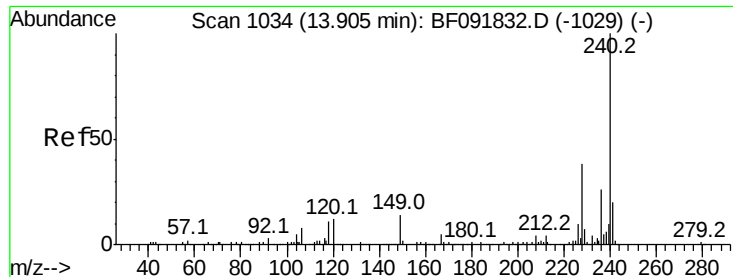
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#74
Fluoranthene
Concen: 48.22 ng
RT: 12.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	34.6
203	17.9	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

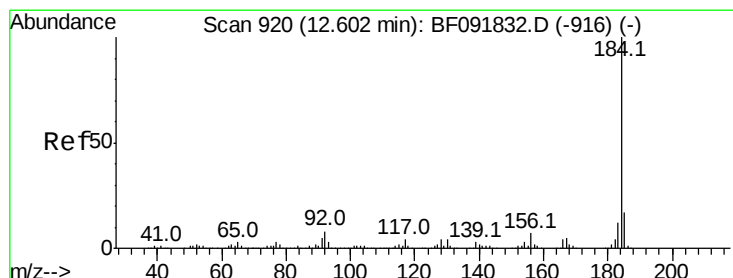
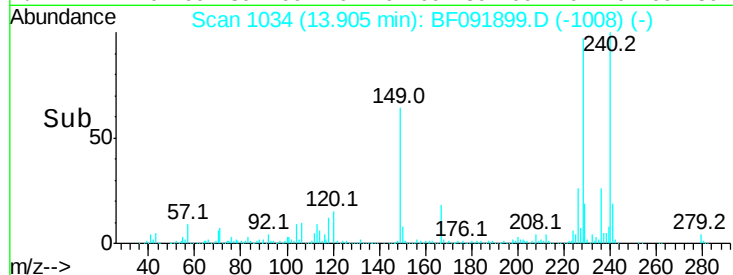
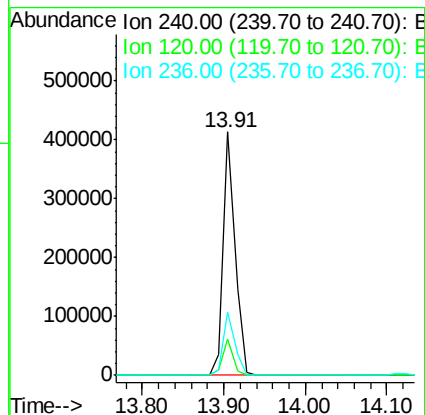
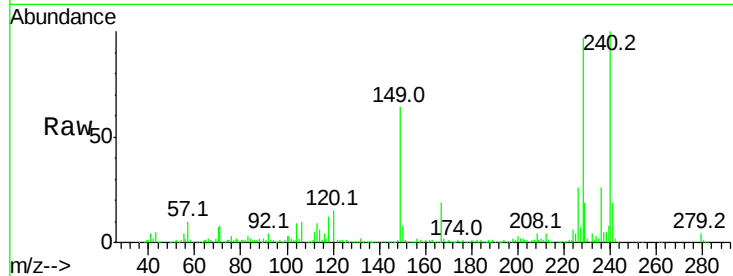
ClientSampleId :

PB95563BS

Tot Ion:	240	Resp:	415526
Ion Ratio	Lower	Upper	
240	100		
120	14.8	12.9	19.3
236	26.1	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 23.28 ng

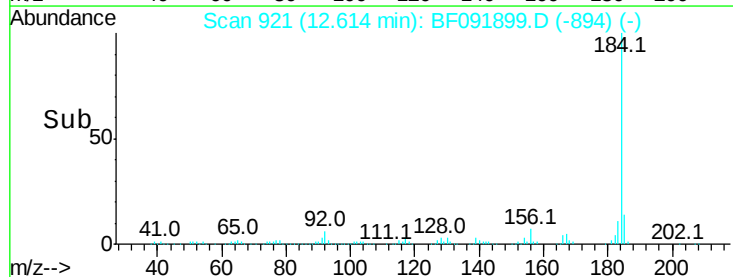
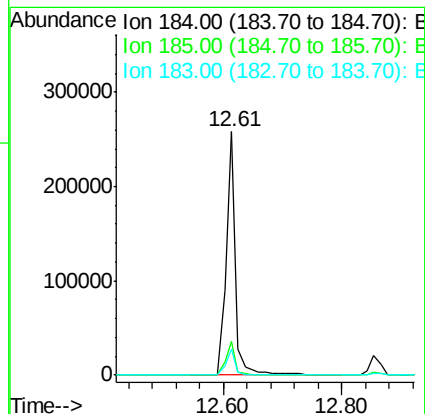
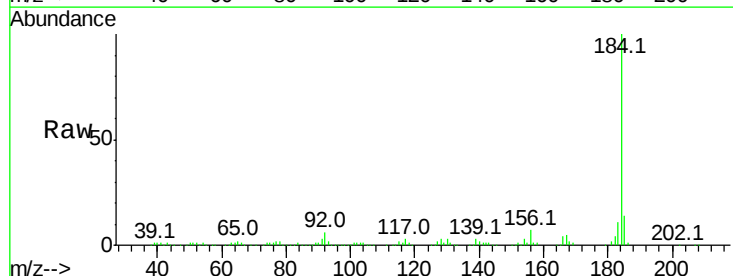
RT: 12.61 min Scan# 921

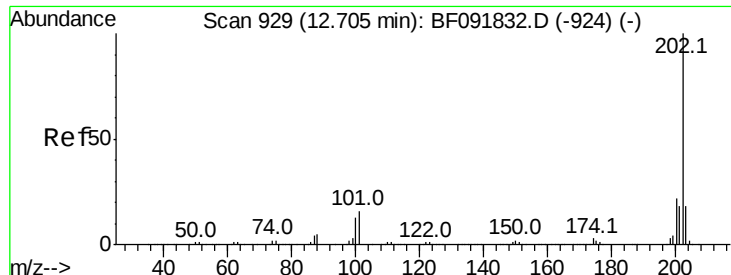
Delta R.T. 0.01 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion:	184	Resp:	280675
Ion Ratio	Lower	Upper	
184	100		
185	14.0	13.4	20.0
183	10.6	9.2	13.8





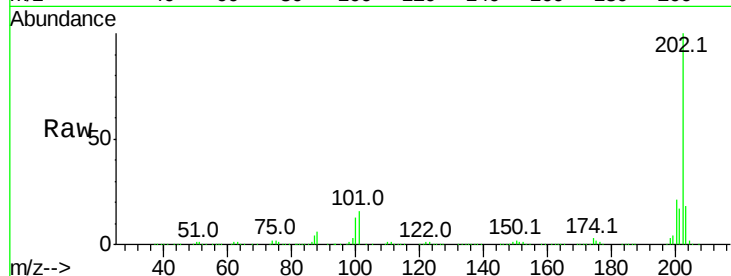
#77
Pvrene
Concen: 42.03 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	18.0	14.7	22.1

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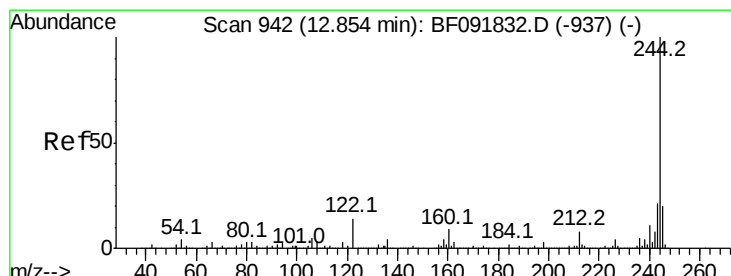
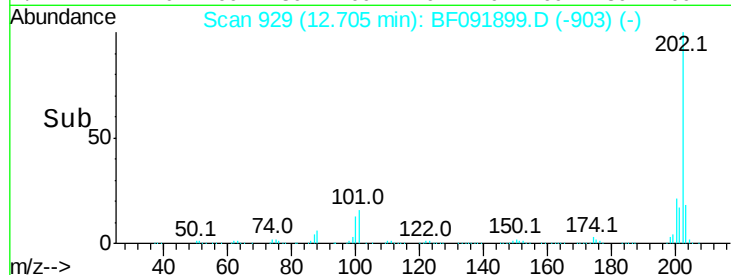
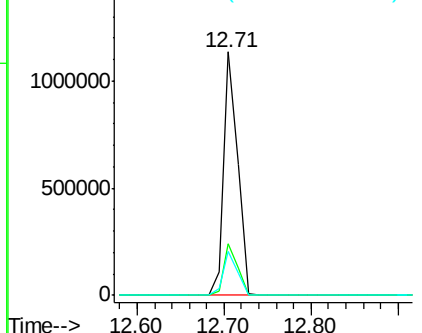


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 102.20 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

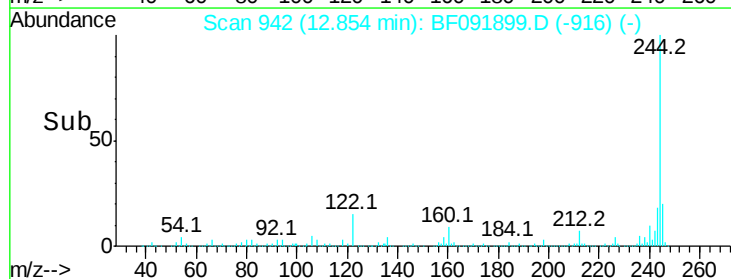
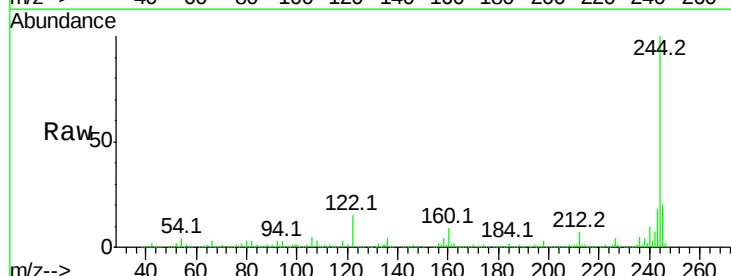
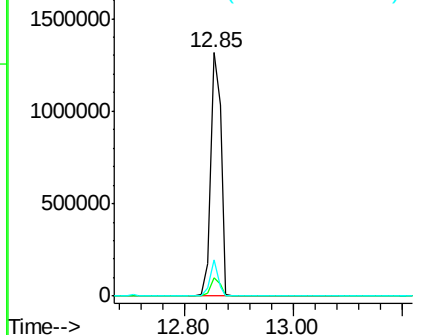
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	15.0	11.4	17.2

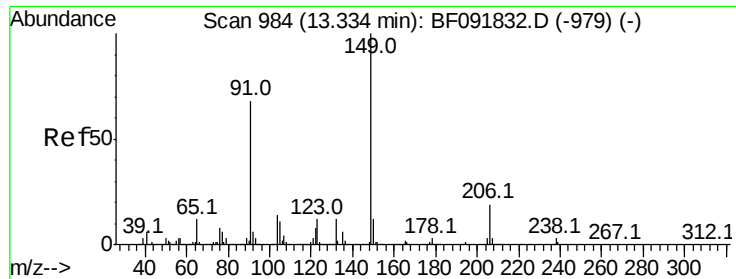
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





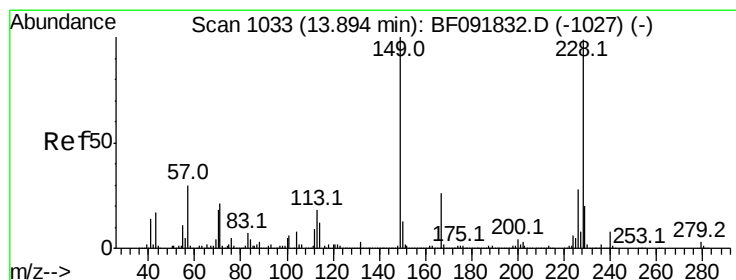
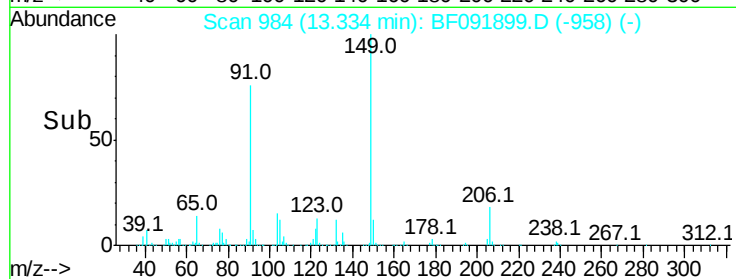
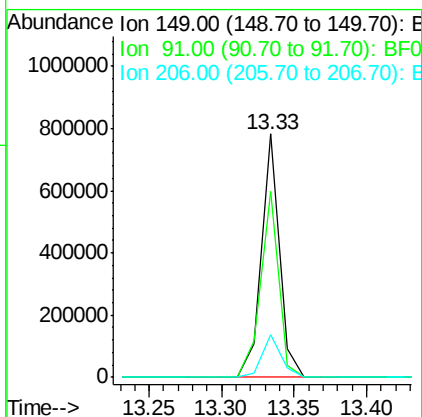
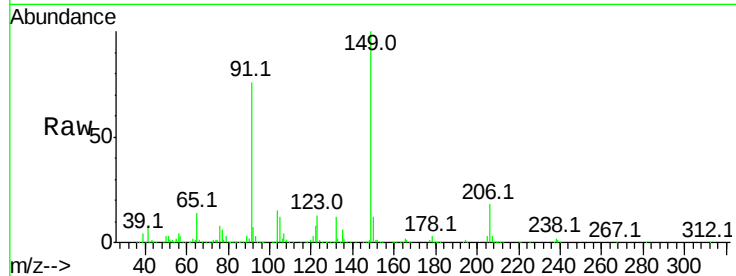
#79
Butylbenzylphthalate
Concen: 49.02 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleID :
PB95563BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.3	63.9	95.9
206	17.7	14.6	21.8

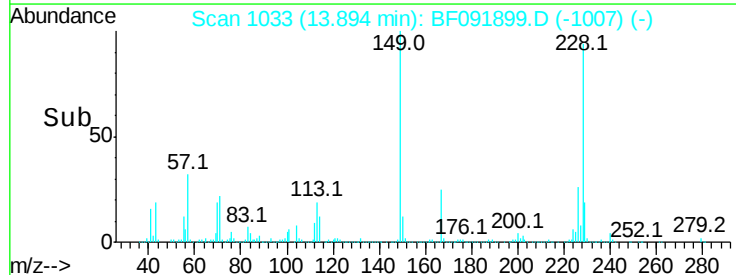
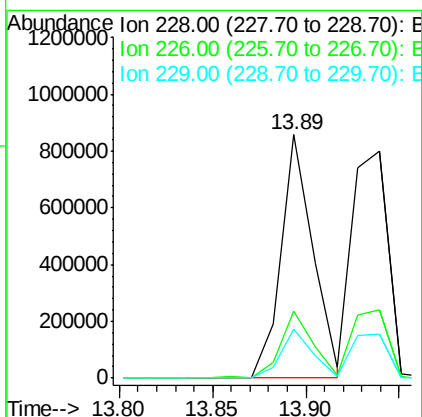
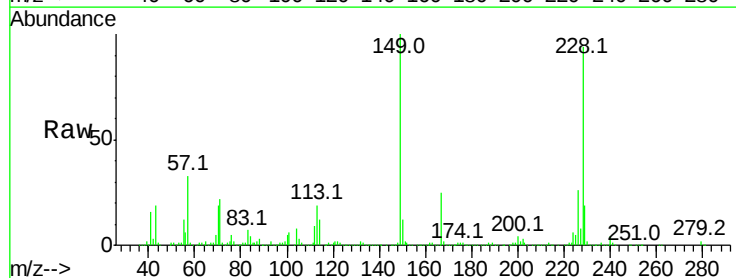
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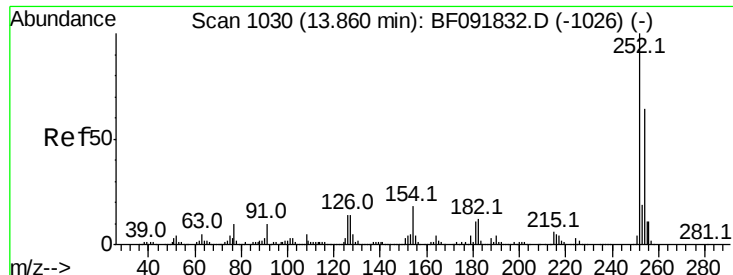
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#80
Benzo(a)anthracene
Concen: 43.60 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.4	33.6
229	20.3	16.2	24.4





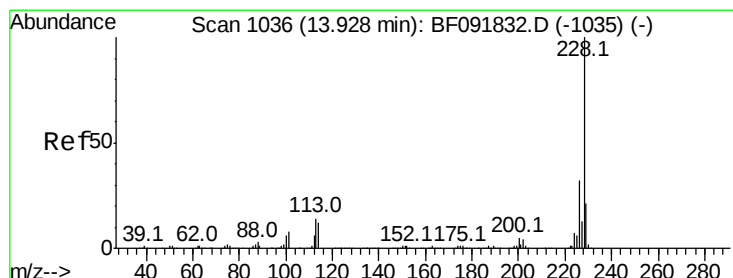
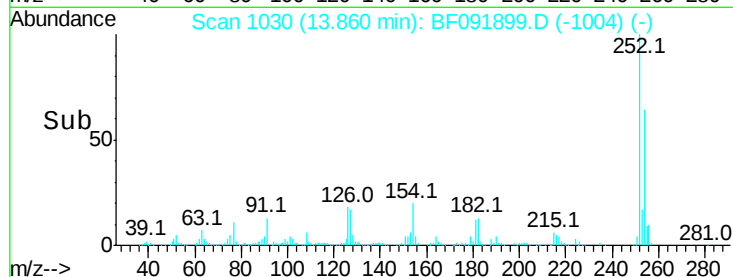
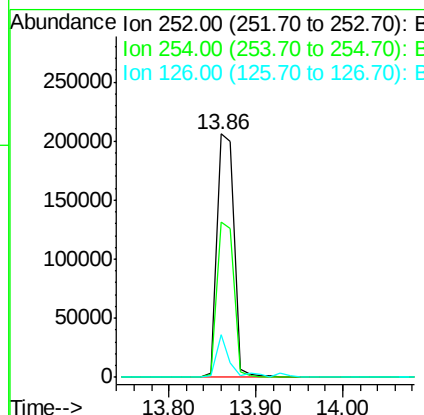
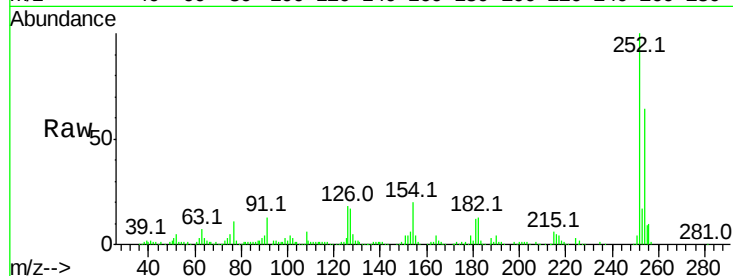
#81
 3,3'-Dichlorobenzidine
 Concen: 32.68 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.3	78.5
126	17.6	13.6	20.4

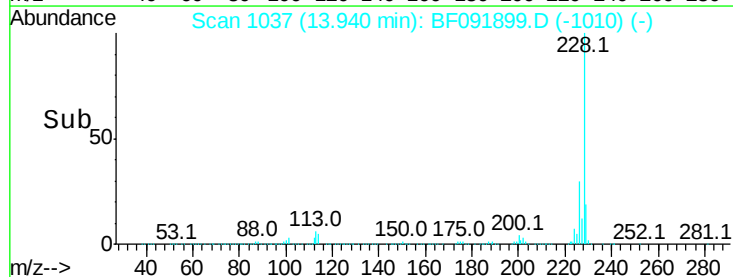
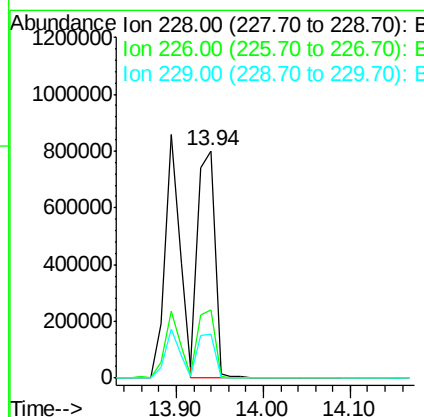
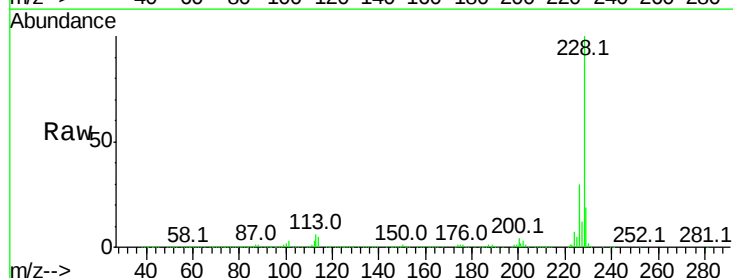
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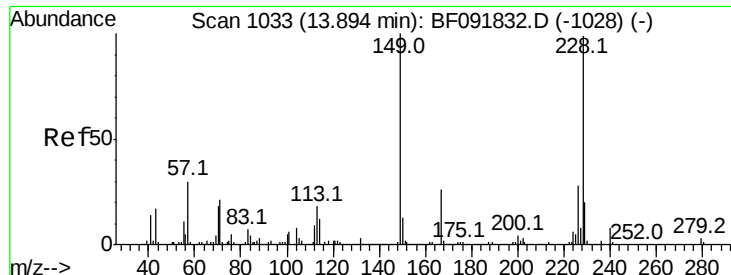
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#82
 Chrysene
 Concen: 45.94 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	19.3	16.2	24.2





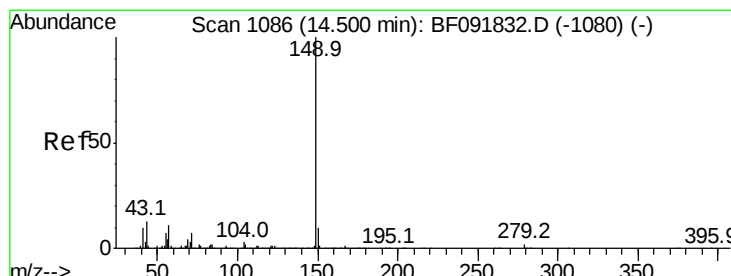
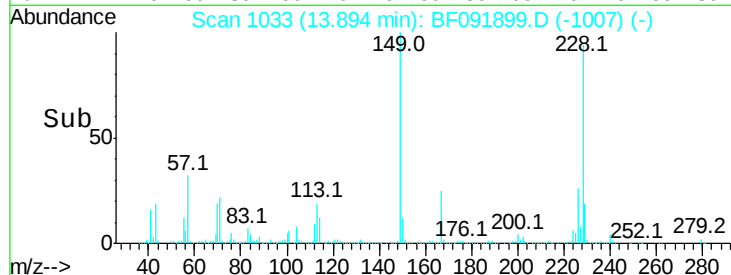
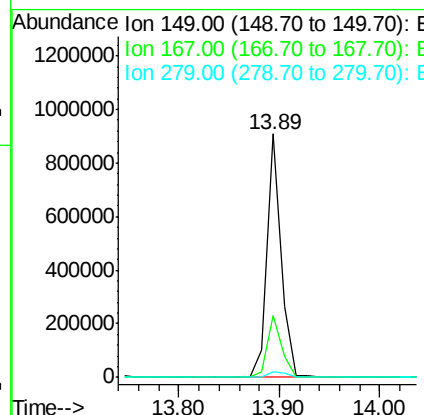
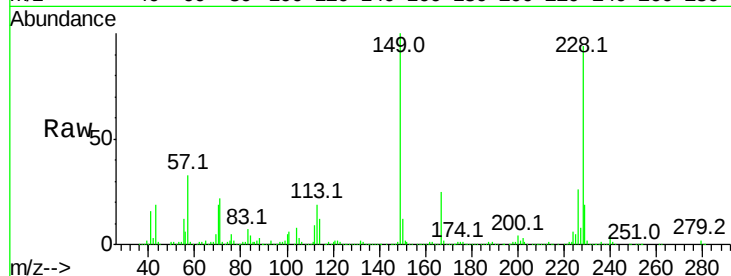
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.12 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.2	30.4
279	2.4	1.8	2.8

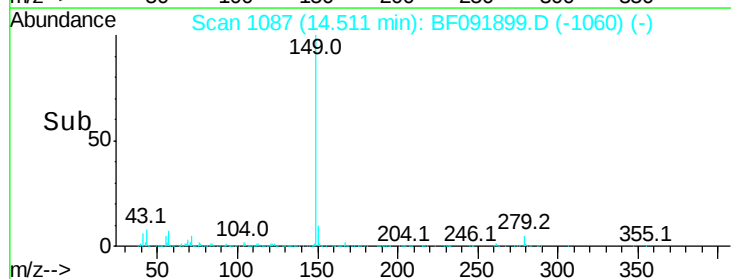
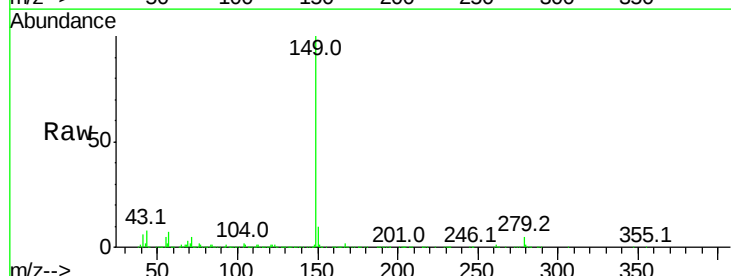
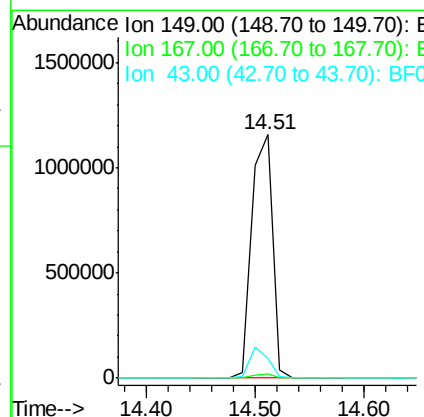
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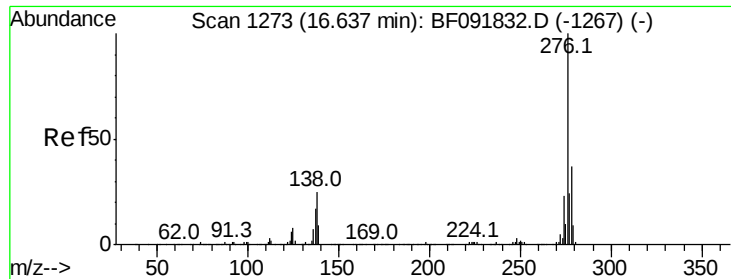
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#84
 Di-n-octyl phthalate
 Concen: 50.88 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.0	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.72 ng

RT: 16.65 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

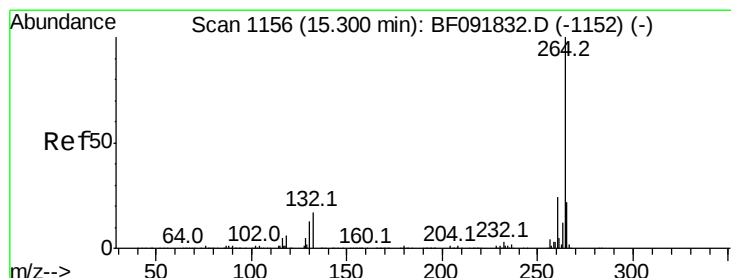
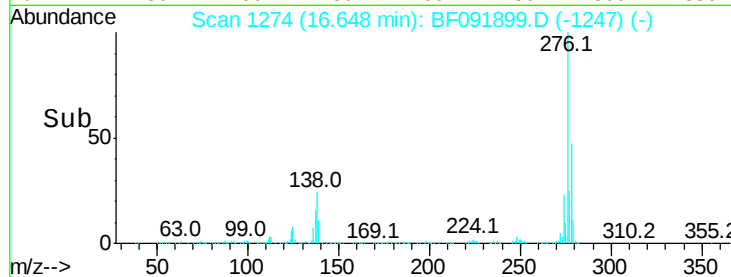
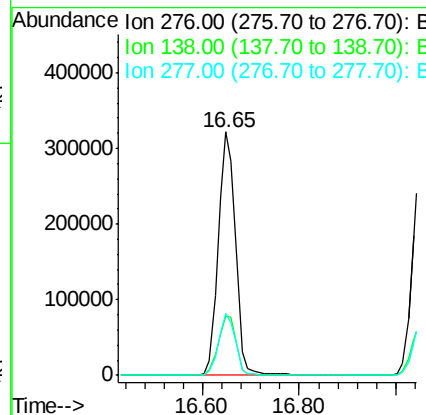
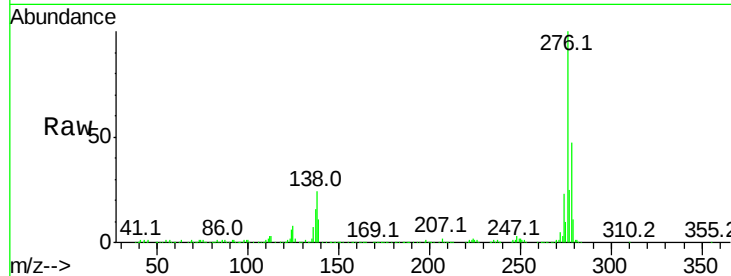
ClientSampleId :

PB95563BS

Tot Ion:	276	Resp:	809622
Ion Ratio	Lower	Upper	
276	100		
138	25.6	21.8	32.6
277	25.0	20.2	30.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

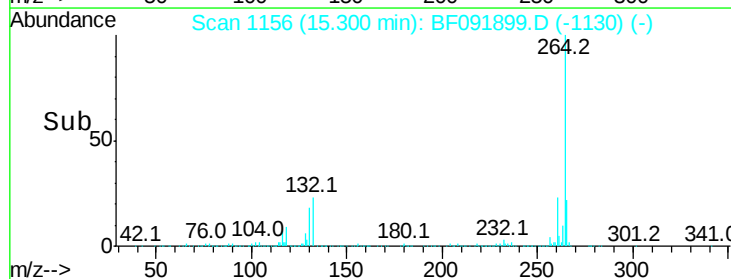
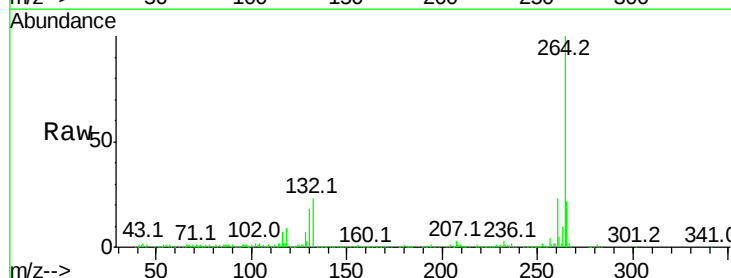
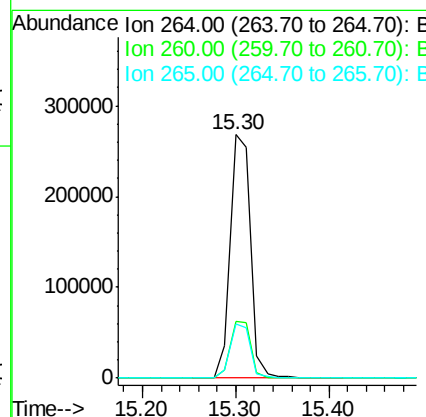
RT: 15.30 min Scan# 1156

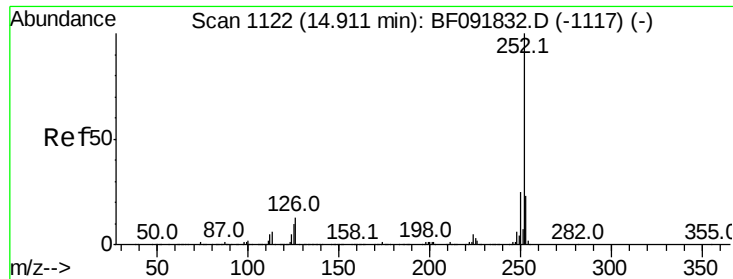
Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion:	264	Resp:	408723
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	22.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.26 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampled :

PB95563BS

Tot Ion:252 Resp: 1075316

Ion Ratio Lower Upper

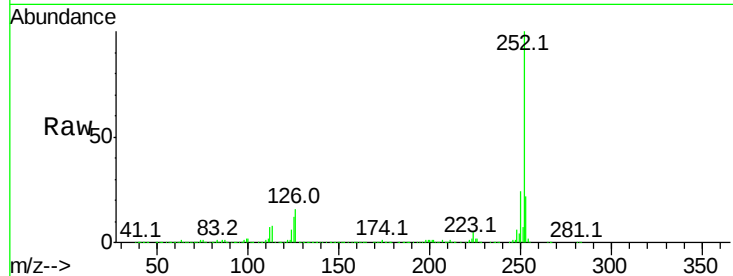
252 100

253 22.5 18.2 27.4

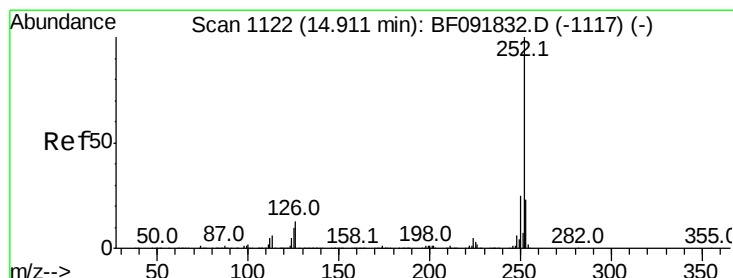
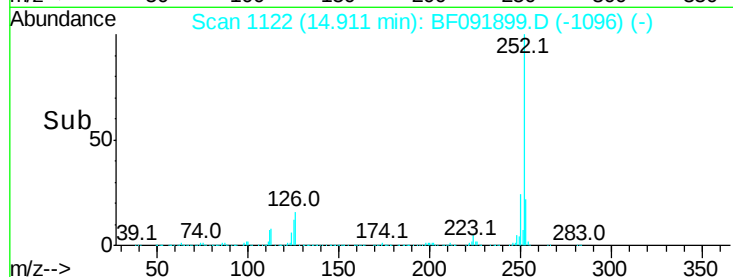
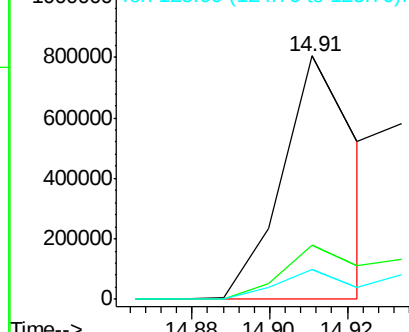
125 12.3 9.8 14.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 51.88 ng m

RT: 14.95 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

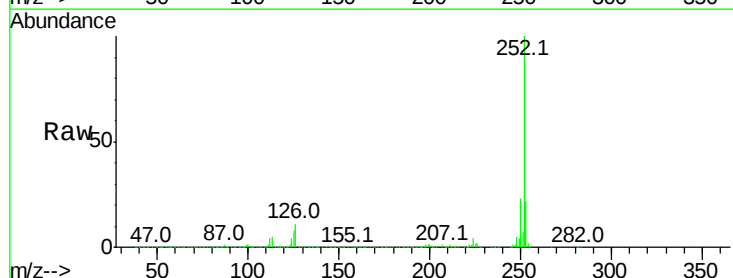
Tgt Ion:252 Resp: 1125772

Ion Ratio Lower Upper

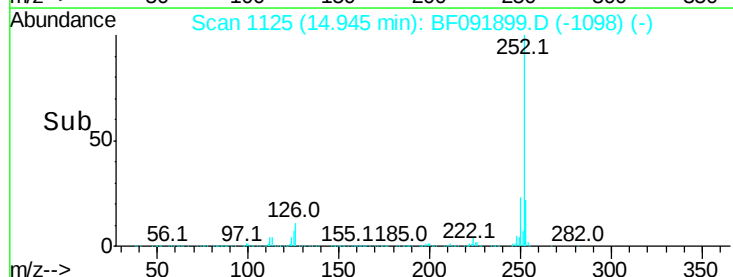
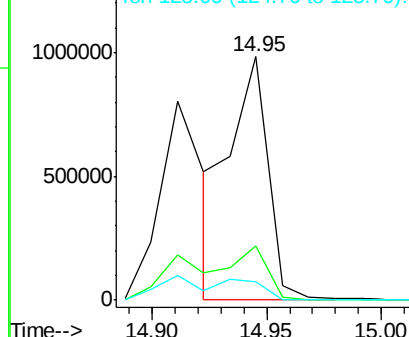
252 100

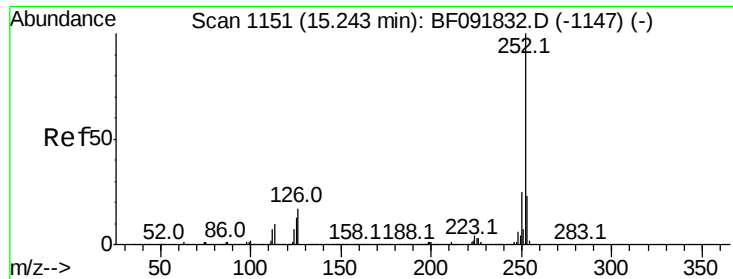
253 22.2 18.5 27.7

125 7.5 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





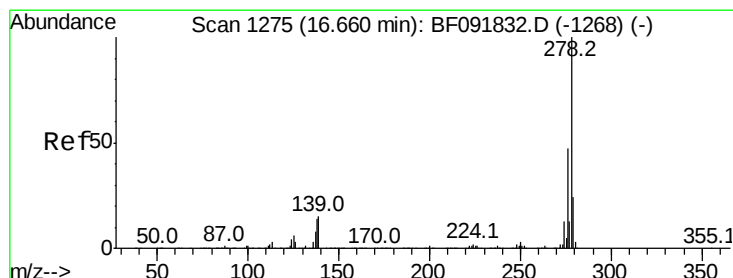
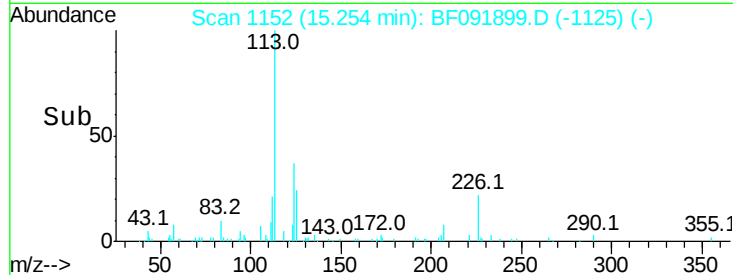
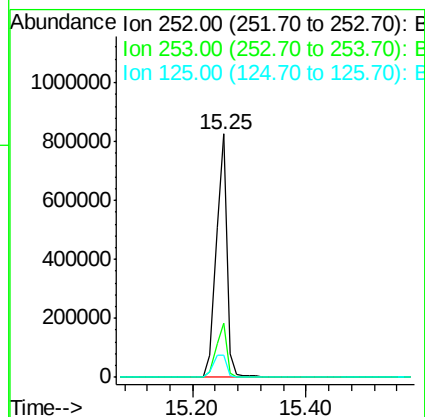
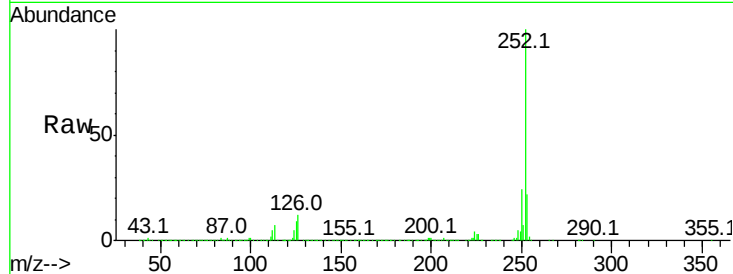
#89
Benzo(a)pyrene
Concen: 46.24 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tot Ion:252 Resp: 1044459
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 9.4 10.0 15.0#

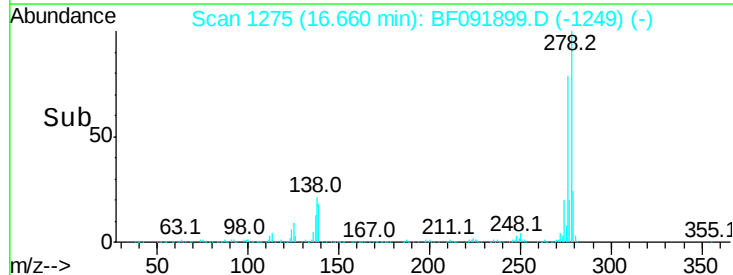
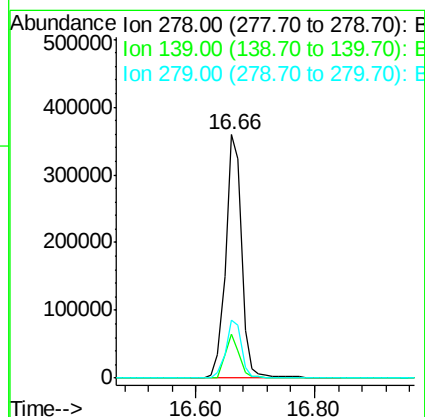
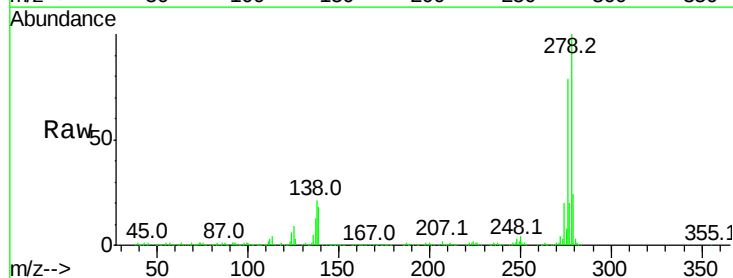
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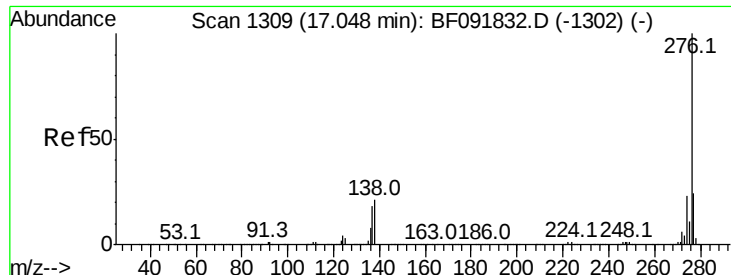
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#90
Dibenzo(a,h)anthracene
Concen: 36.59 ng
RT: 16.66 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion:278 Resp: 679322
Ion Ratio Lower Upper
278 100
139 17.9 14.8 22.2
279 23.6 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 33.58 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.9	19.2	28.8
138	23.3	16.0	24.0

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