

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092255.D
 Acq On : 13 Jan 2017 21:28
 Operator : UM/SJ
 Sample : PB95972BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Manual Integrations
 APPROVED

Sohil
 1/16/2017 8:39:22 AM

Quant Time: Jan 16 02:33:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	176119	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	721350	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	390790	20.00	ng	-0.01
63) Phenanthrene-d10	11.09	188	613536	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	421059	20.00	ng	-0.01
86) Perylene-d12	15.07	264	396297	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1592398	150.97	ng	0.01
7) Phenol-d6	6.26	99	2283438	177.32	ng	0.00
23) Nitrobenzene-d5	7.15	82	1189331	91.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	409195	126.53	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	2106121	114.97	ng	0.00
78) Terphenyl-d14	12.68	244	1926352	110.96	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	247817	47.72	ng	94
3) Pyridine	2.72	79	728364	40.19	ng	99
4) n-Nitrosodimethylamine	2.70	42	313122	45.80	ng	100
6) Aniline	6.24	93	275196	16.45	ng	# 82
8) 2-Chlorophenol	6.37	128	645596	53.81	ng	92
9) Benzaldehyde	6.12	77	42268	4.19	ng	92
10) Phenol	6.27	94	711393	48.48	ng	# 60
11) bis(2-Chloroethyl)ether	6.32	93	610760	52.31	ng	100
12) 1,3-Dichlorobenzene	6.51	146	623347	48.67	ng	# 88
13) 1,4-Dichlorobenzene	6.59	146	576719m	44.24	ng	
14) 1,2-Dichlorobenzene	6.75	146	523409	46.27	ng	98
15) Benzyl Alcohol	6.74	79	429407	42.91	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	769722	44.27	ng	# 43
17) 2-Methylphenol	6.87	107	444066	46.02	ng	# 89
18) Hexachloroethane	7.08	117	220792	45.68	ng	# 88
19) n-Nitroso-di-n-propylamine	7.01	70	400981	46.80	ng	97
20) 3+4-Methylphenols	7.02	107	618052	53.70	ng	# 70
22) Acetophenone	7.00	105	813548	45.72	ng	# 93
24) Nitrobenzene	7.17	77	627059	45.38	ng	95
25) Isophorone	7.41	82	1117986	46.71	ng	96
26) 2-Nitrophenol	7.49	139	321615	47.20	ng	89
27) 2,4-Dimethylphenol	7.55	122	514147	45.50	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	683695	47.11	ng	98
29) 2,4-Dichlorophenol	7.74	162	472963	49.42	ng	93
30) 1,2,4-Trichlorobenzene	7.81	180	488445	46.58	ng	96
31) Naphthalene	7.89	128	1597454	48.39	ng	99
32) Benzoic acid	7.72	122	301440	35.96	ng	99
33) 4-Chloroaniline	7.95	127	129195	8.68	ng	96
34) Hexachlorobutadiene	8.00	225	256992	46.43	ng	99
35) Caprolactam	8.34	113	145364m	46.23	ng	
36) 4-Chloro-3-methylphenol	8.46	107	526300	47.80	ng	96
37) 2-Methylnaphthalene	8.58	142	994725	53.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	451975	45.78	ng	98
40) Hexachlorocyclopentadiene	8.74	237	355308	80.76	ng	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	293236	42.47	nq	100
43) 2,4,5-Trichlorophenol	8.92	196	269354	37.90	nq	94
45) 1,1'-Biphenyl	9.04	154	1262553	47.18	nq	98
46) 2-Chloronaphthalene	9.07	162	982020	46.34	nq	97
47) 2-Nitroaniline	9.17	65	281451	37.30	nq	99
48) Acenaphthylene	9.48	152	1490418	45.73	nq	99
49) Dimethylphthalate	9.36	163	1176600	47.07	nq	99
50) 2,6-Dinitrotoluene	9.42	165	284754	52.05	nq	97
51) Acenaphthene	9.65	154	980874	44.40	nq	99
52) 3-Nitroaniline	9.58	138	80434	11.88	nq	99
53) 2,4-Dinitrophenol	9.71	184	194656	63.95	nq	# 90
54) Dibenzofuran	9.82	168	1284705	43.06	nq	99
55) 4-Nitrophenol	9.79	139	356058m	77.46	nq	
56) 2,4-Dinitrotoluene	9.82	165	294931	42.95	nq	# 62
57) Fluorene	10.16	166	1053564	48.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	242095	43.08	nq	99
59) Diethylphthalate	10.05	149	1120949	46.18	nq	99
60) 4-Chlorophenyl-phenylether	10.15	204	418797	44.06	nq	96
61) 4-Nitroaniline	10.20	138	234182	33.38	nq	97
62) Azobenzene	10.31	77	1197696	44.82	nq	99
64) 4,6-Dinitro-2-methylphenol	10.23	198	162873	43.90	nq	# 49
65) n-Nitrosodiphenylamine	10.28	169	859291	47.20	nq	100
66) 4-Bromophenyl-phenylether	10.64	248	308275	48.30	nq	93
67) Hexachlorobenzene	10.71	284	329521	48.30	nq	# 85
68) Atrazine	10.82	200	266625	45.40	nq	97
69) Pentachlorophenol	10.91	266	255675	76.38	nq	98
70) Phenanthrene	11.11	178	1407262	42.30	nq	98
71) Anthracene	11.17	178	1643131	66.36	nq	98
72) Carbazole	11.33	167	1402309	60.47	nq	99
73) Di-n-butylphthalate	11.66	149	1730757	55.90	nq	99
74) Fluoranthene	12.29	202	1532826	53.22	nq	100
76) Benzidine	12.43	184	266577	21.51	nq	96
77) Pyrene	12.52	202	1420897	45.99	nq	100
79) Butylbenzylphthalate	13.16	149	762157	54.24	nq	# 78
80) Benzo(a)anthracene	13.71	228	1288775	54.22	nq	100
81) 3,3'-Dichlorobenzidine	13.67	252	153622	17.04	nq	97
82) Chrysene	13.74	228	978329	41.04	nq	99
83) Bis(2-ethylhexyl)phthalate	13.72	149	931919	56.32	nq	# 98
84) Di-n-octyl phthalate	14.33	149	1576856	51.44	nq	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	1013965	49.09	nq	99
87) Benzo(b)fluoranthene	14.71	252	1440536m	58.38	nq	
88) Benzo(k)fluoranthene	14.74	252	748301m	35.57	nq	
89) Benzo(a)pyrene	15.02	252	1027448	46.92	nq	# 94
90) Dibenzo(a,h)anthracene	16.31	278	839223	46.62	nq	96
91) Benzo(g,h,i)perylene	16.67	276	851370	45.49	nq	95

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

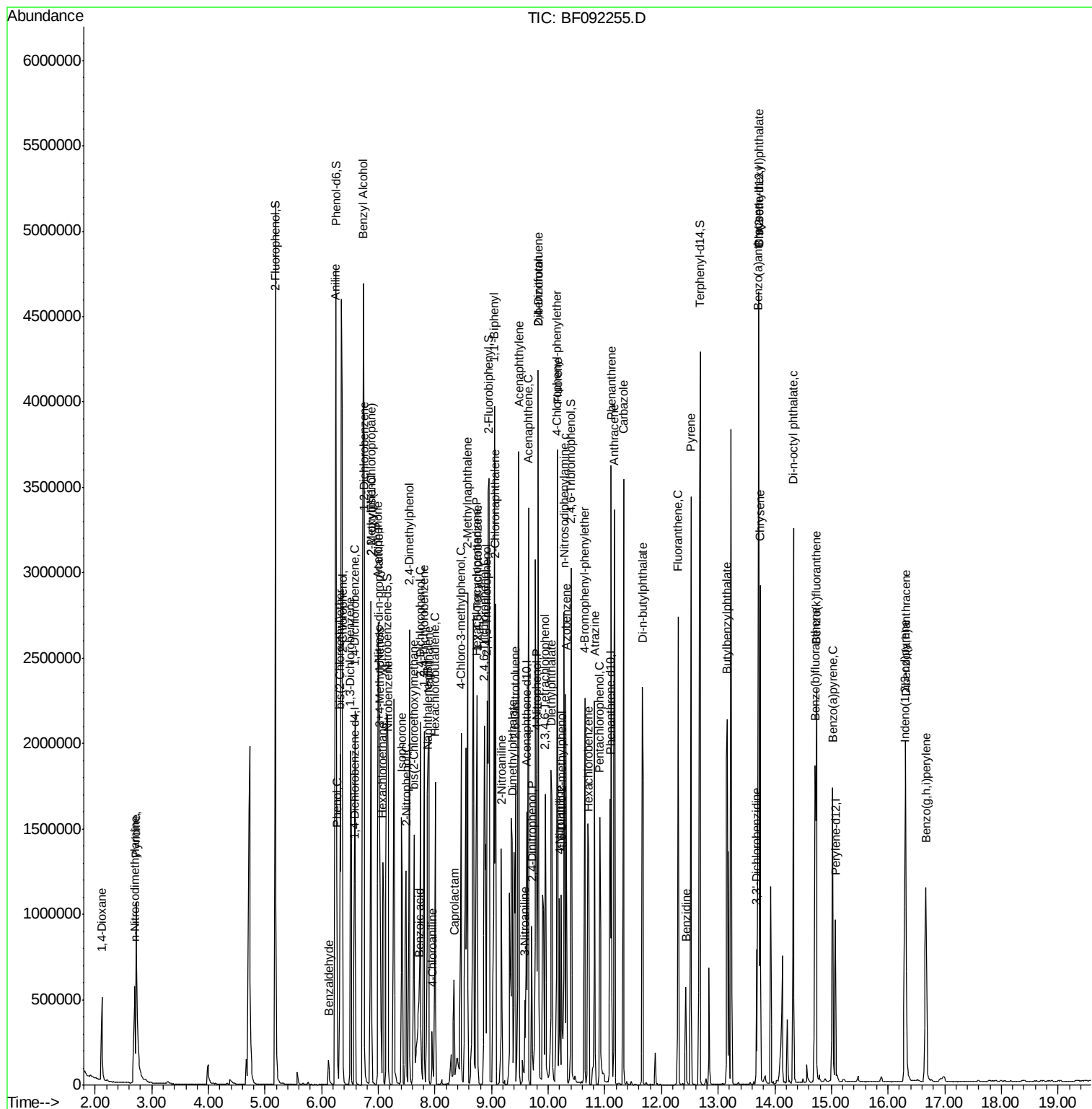
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Operator  : UM/SJ  
Sample    : PB95972BSD  
Misc      :  
ALS Vial  : 16      Sample Multiplier: 1
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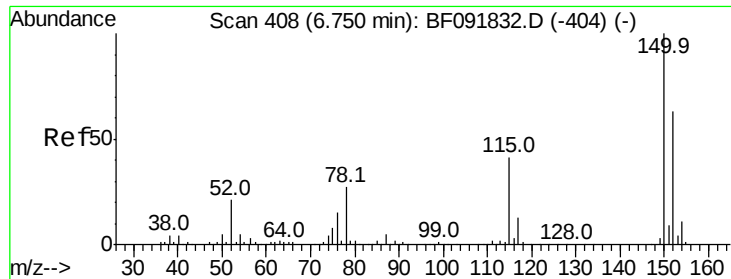
Instrument :
BNA_F
ClientSampleId :
PB95972BSD

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#1

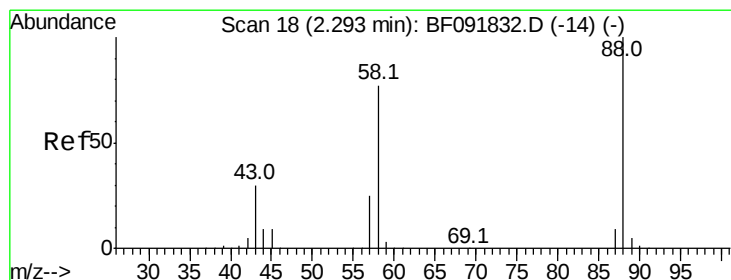
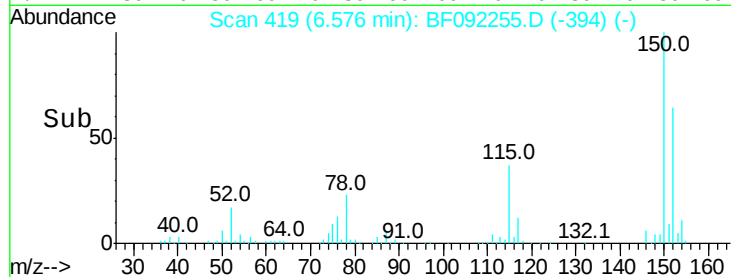
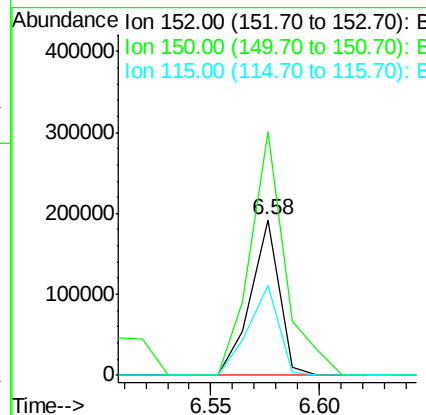
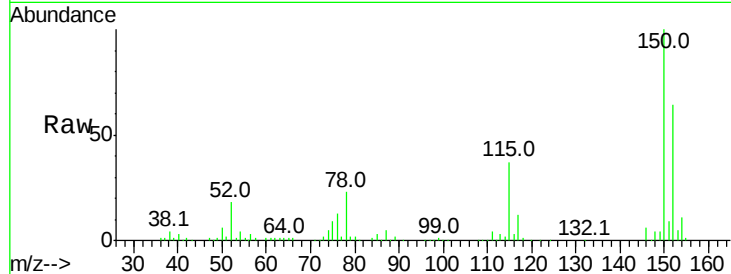
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.9	187.3
115	58.1	46.0	69.0

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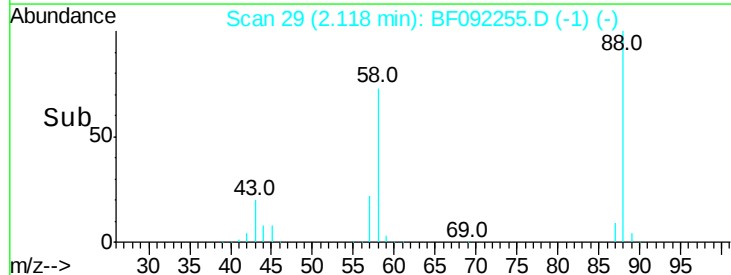
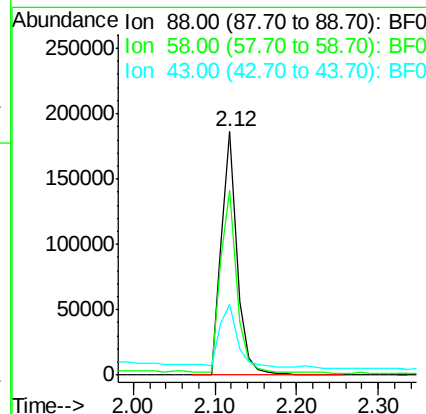
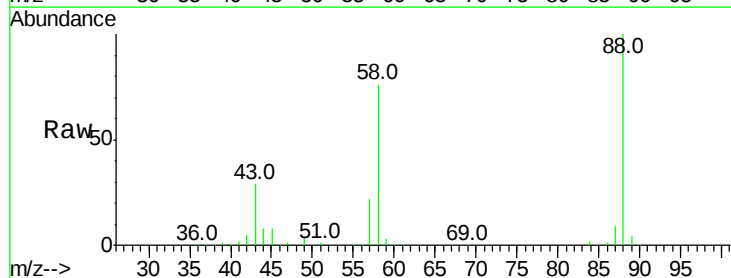
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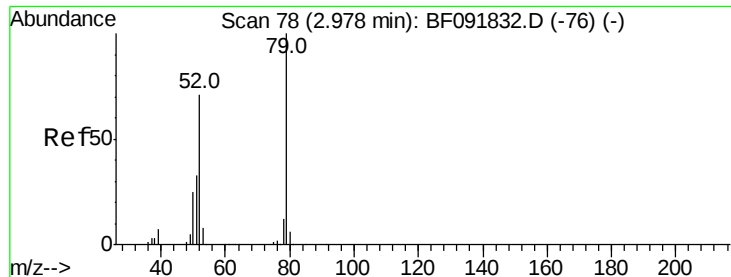


#2

1,4-Dioxane
Concen: 47.72 ng
RT: 2.12 min Scan# 29
Delta R.T. 0.10 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	57.8	86.8
43	28.9	22.3	33.5





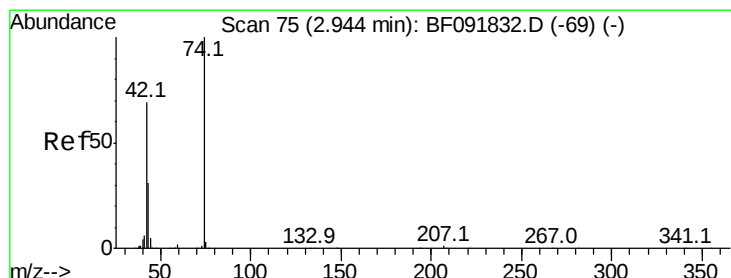
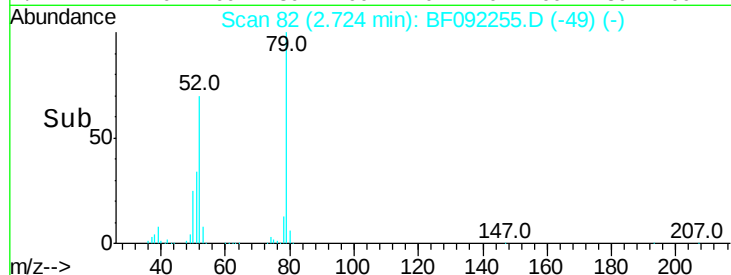
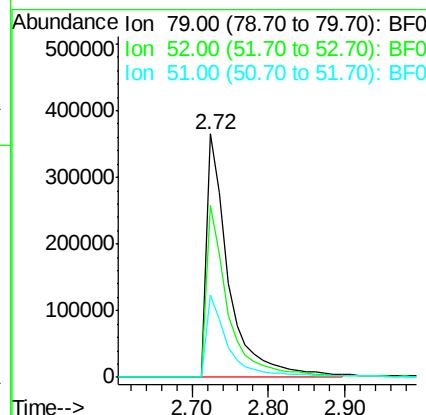
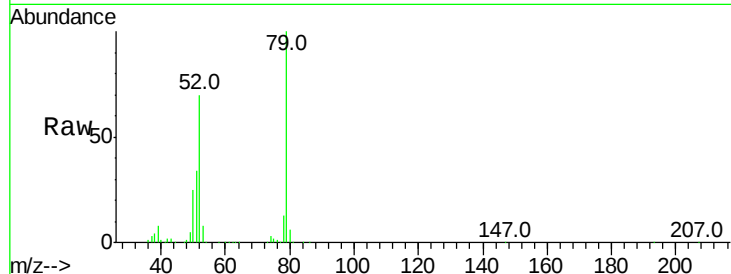
#3
 Pvridine
 Concen: 40.19 ng
 RT: 2.72 min Scan# 82
 Delta R.T. 0.08 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		728364		
52	70.5		57.1	85.7	
51	33.8		27.3	40.9	

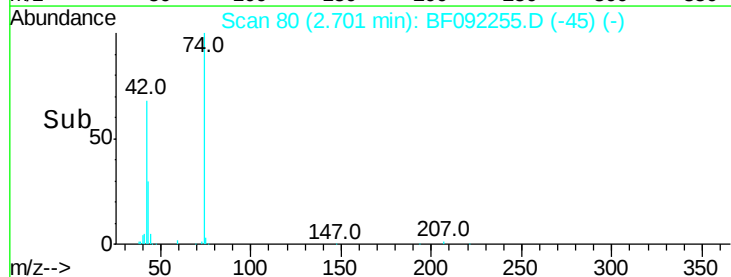
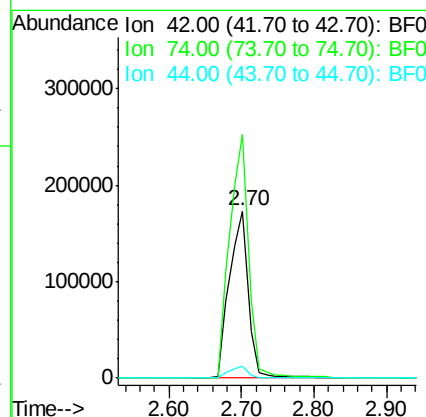
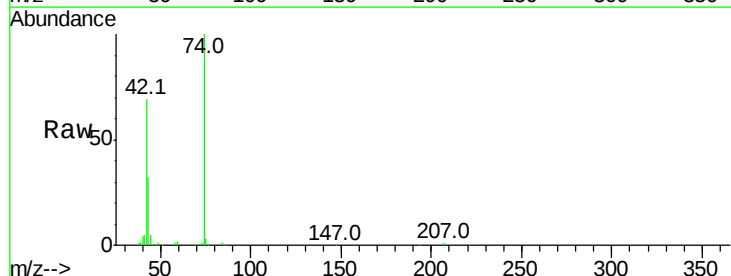
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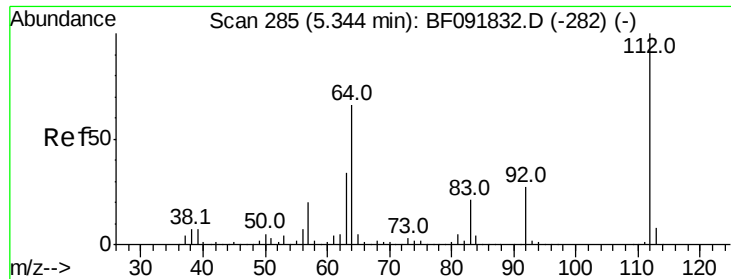
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#4
 n-Nitrosodimethylamine
 Concen: 45.80 ng
 RT: 2.70 min Scan# 80
 Delta R.T. 0.10 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		313122		
74	145.8		117.0	175.4	
44	6.8		5.5	8.3	





#5

2-Fluorophenol

Concen: 150.97 ng

RT: 5.18 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

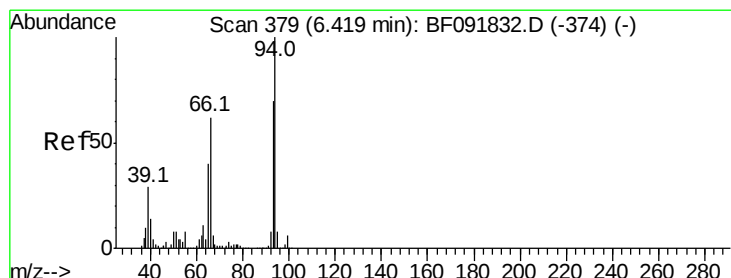
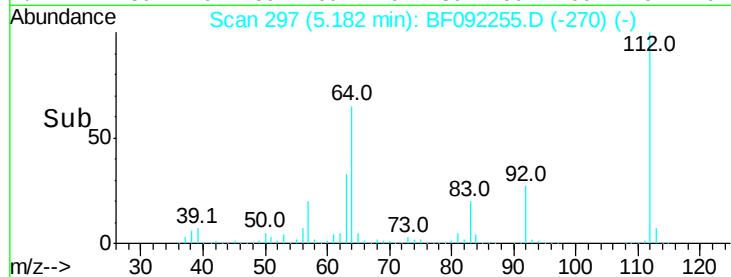
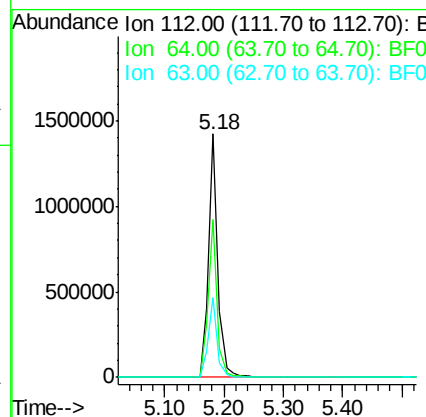
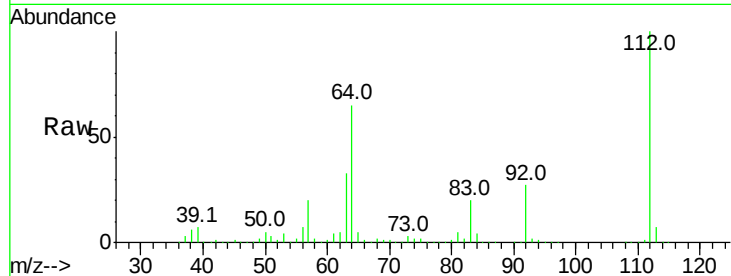
ClientSampleId :

PB95972BSD

Tot Ion:	112	Resp:	1592398
Ion Ratio	Lower	Upper	
112	100		
64	64.8	46.1	69.1
63	33.0	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 16.45 ng

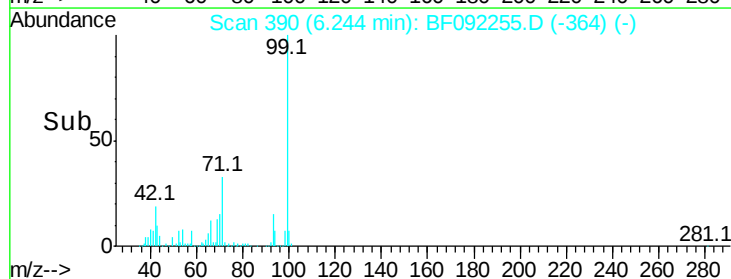
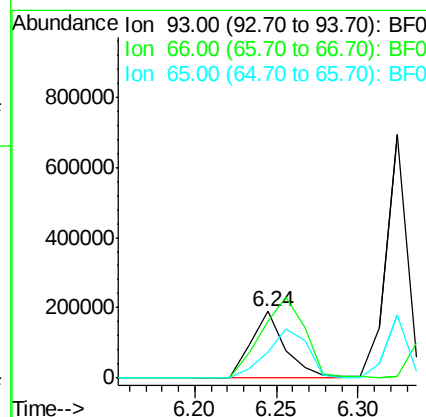
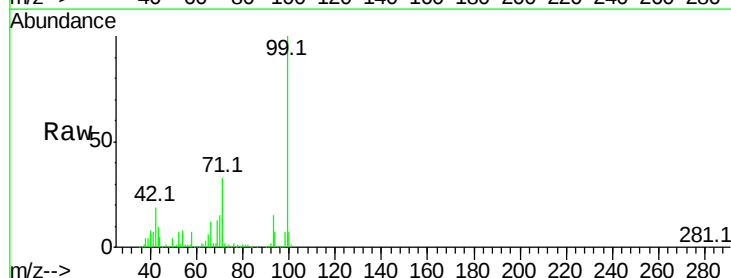
RT: 6.24 min Scan# 390

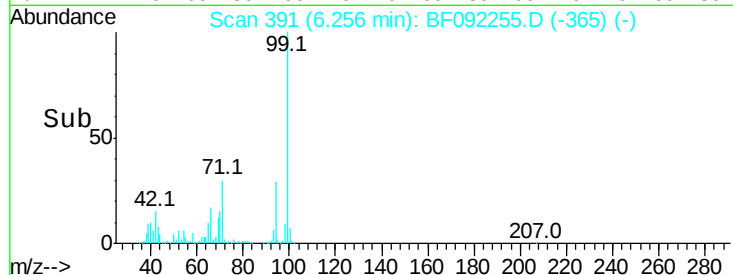
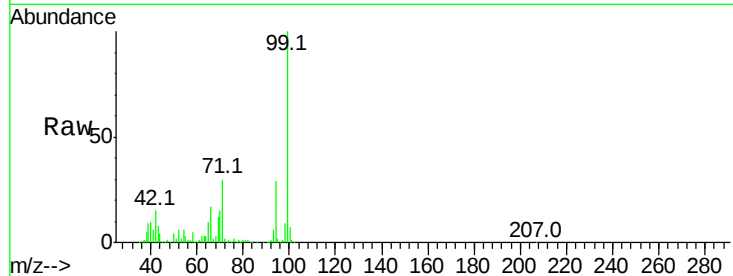
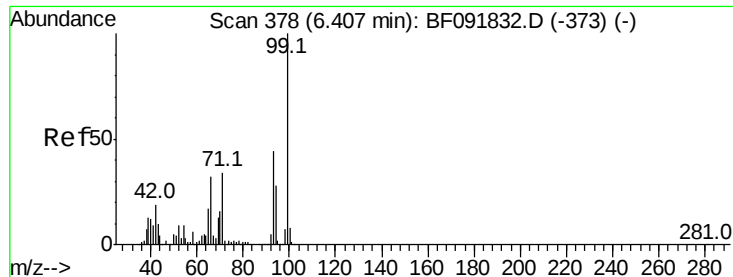
Delta R.T. 0.00 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tgt Ion:	93	Resp:	275196
Ion Ratio	Lower	Upper	
93	100		
66	86.0	76.2	114.2
65	38.2	49.3	73.9#





#7

Phenol-d6

Concen: 177.32 ng

RT: 6.26 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tot Ion: 99 Resp: 2283438

Ion Ratio Lower Upper

99 100

42 15.2 15.6 23.4#

71 29.9 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

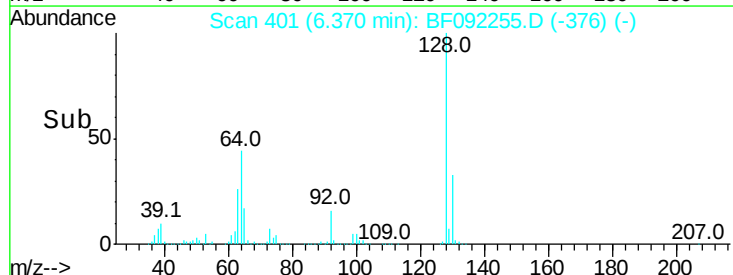
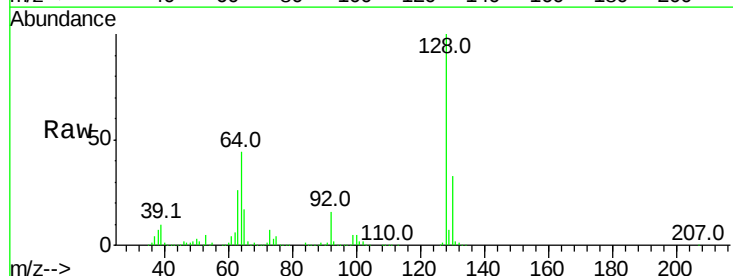
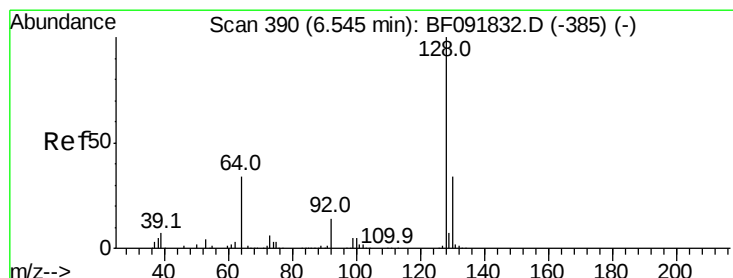
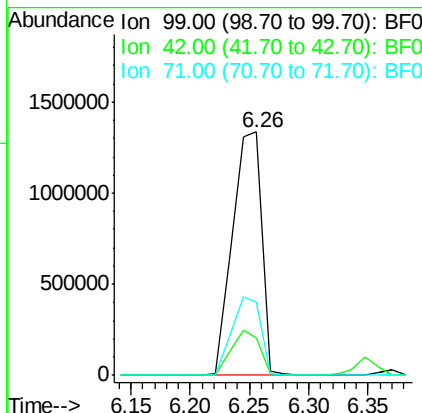
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#8

2-Chlorophenol

Concen: 53.81 ng

RT: 6.37 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

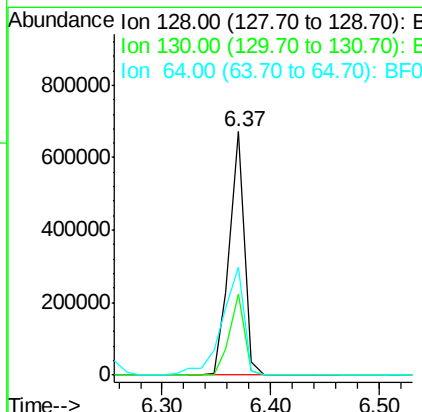
Tgt Ion:128 Resp: 645596

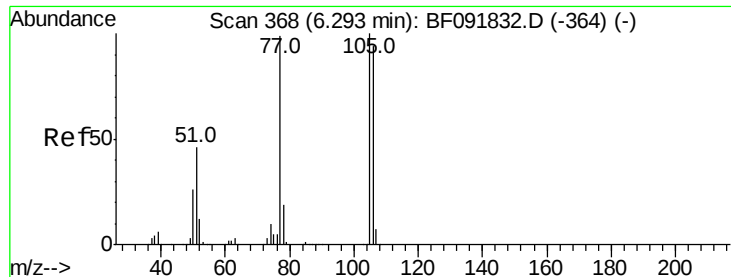
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 44.3 32.2 72.2





#9

Benzaldehyde

Concen: 4.19 ng

RT: 6.12 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

Tot Ion: 77 Resp: 42268

Ion Ratio Lower Upper

77 100

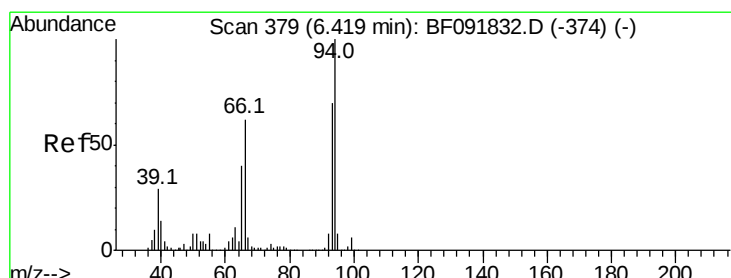
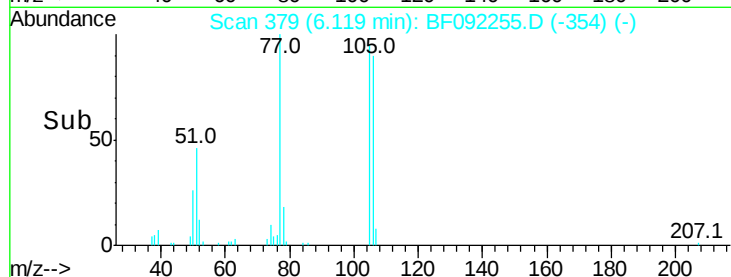
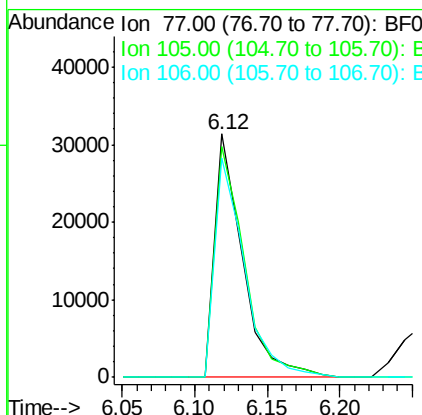
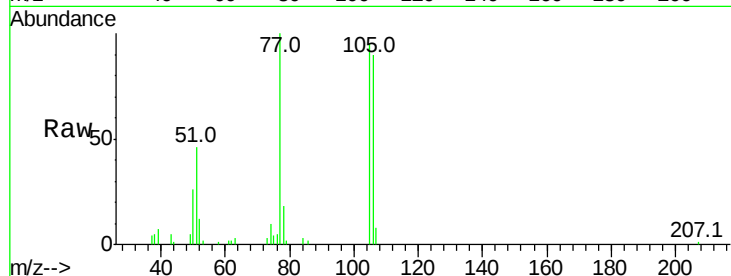
105 94.6 83.9 123.9

106 89.9 77.6 117.6

Manual Integrations
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#10

Phenol

Concen: 48.48 ng

RT: 6.27 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

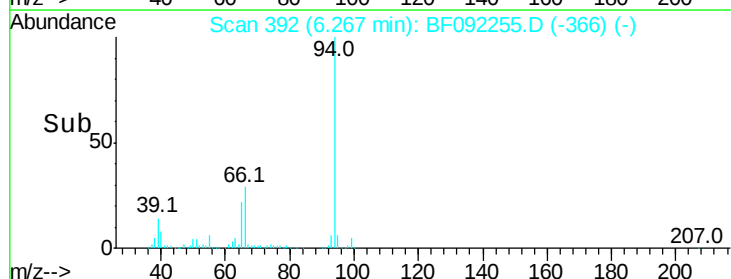
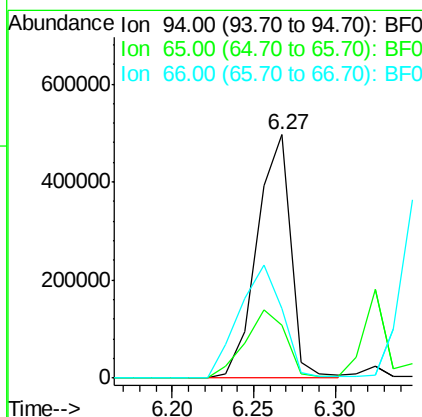
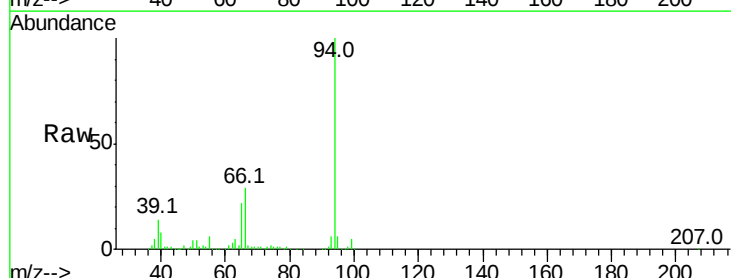
Tgt Ion: 94 Resp: 711393

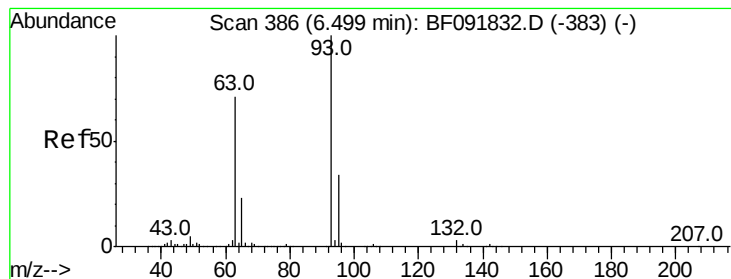
Ion Ratio Lower Upper

94 100

65 21.5 21.4 61.4

66 28.7 44.0 84.0#





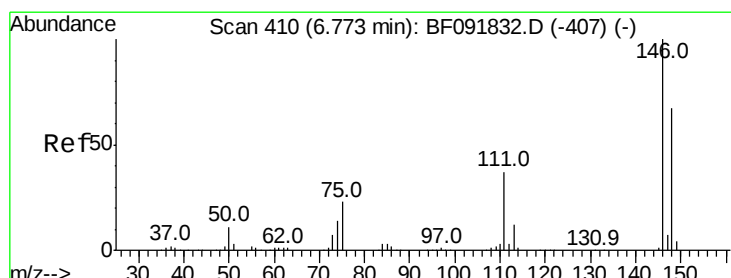
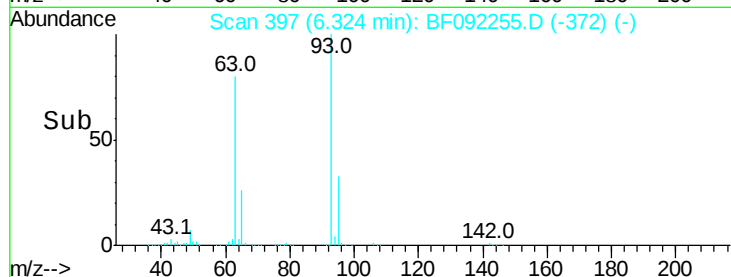
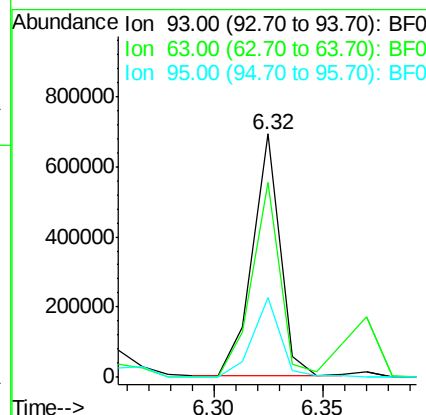
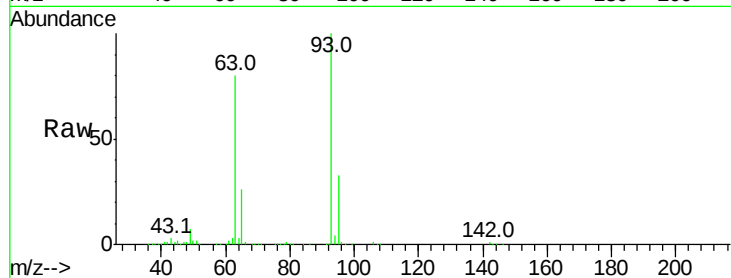
#11
bis(2-Chloroethyl)ether
Concen: 52.31 ng
RT: 6.32 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.3	60.4	100.4
95	32.8	12.8	52.8

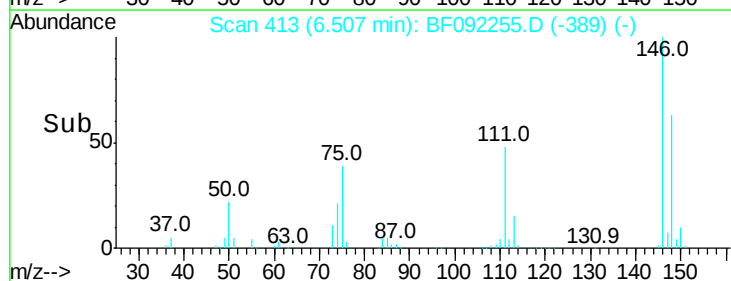
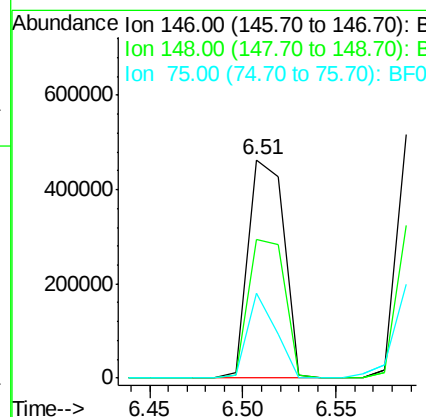
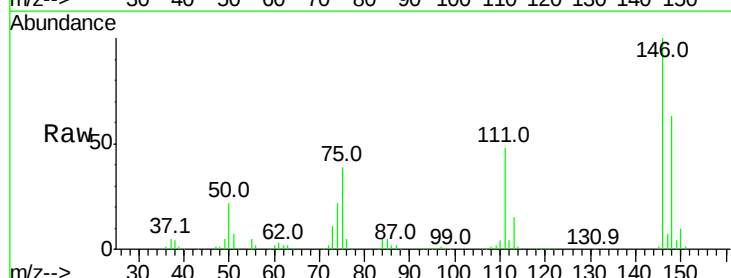
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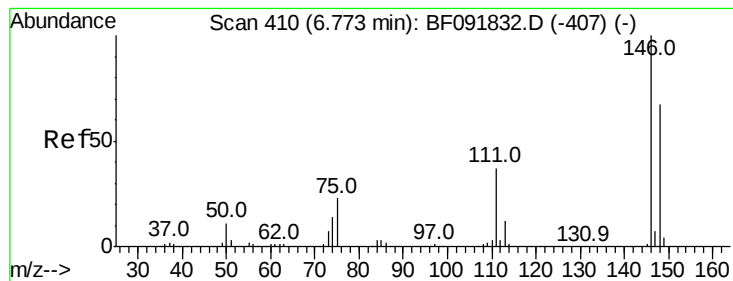
Sohil
1/16/2017 8:39:22 AM



#12
1,3-Dichlorobenzene
Concen: 48.67 ng
RT: 6.51 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	53.4	80.0
75	39.0	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 44.24 ng

RT: 6.59 min Scan# 420

Delta R.T. 0.06 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

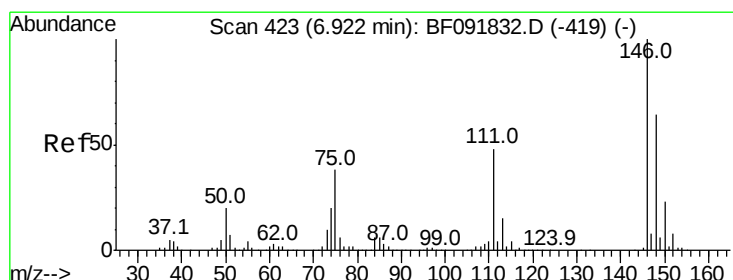
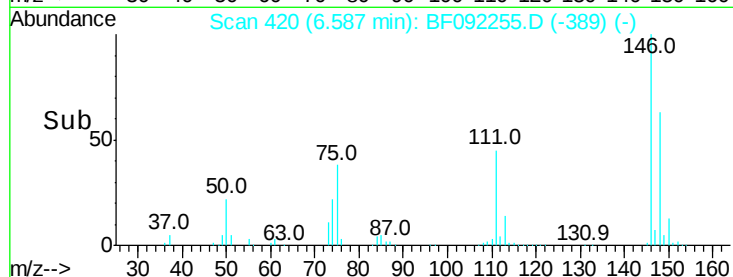
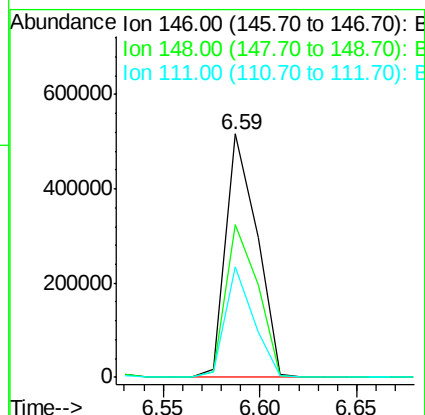
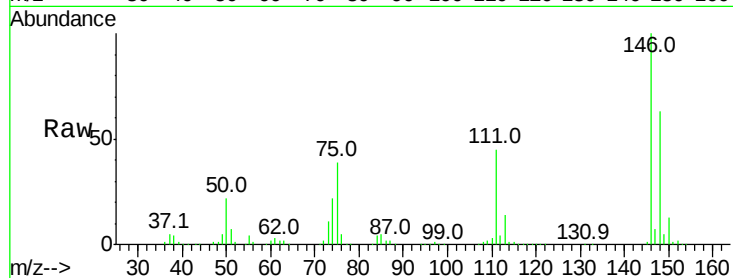
ClientSampleId :

PB95972BSD

Tot Ion:	146	Resp:	576719
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.6	76.0
111	45.1	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 46.27 ng

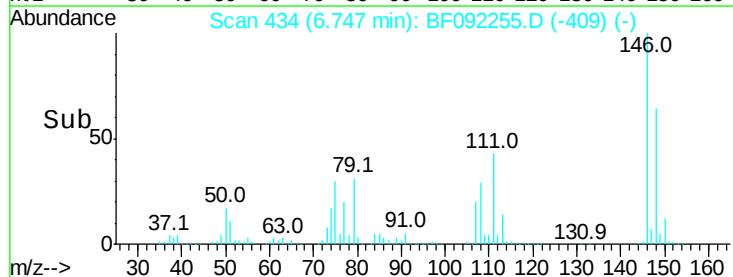
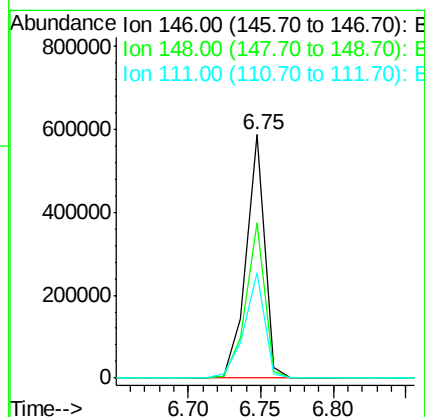
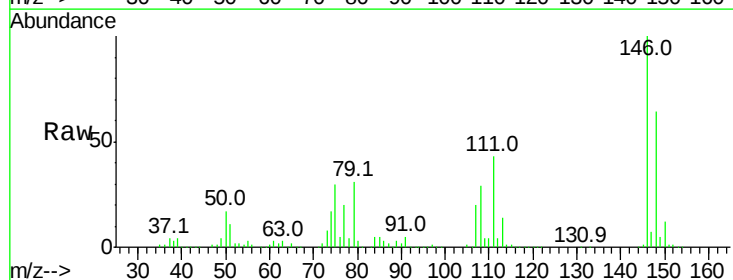
RT: 6.75 min Scan# 434

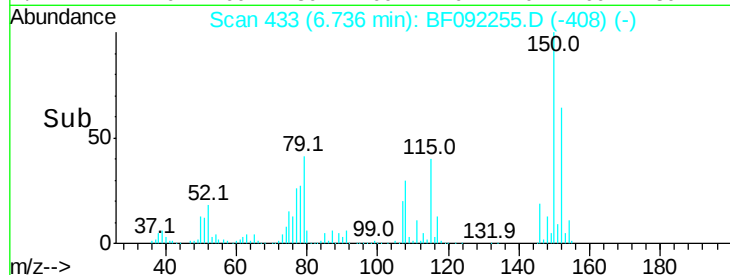
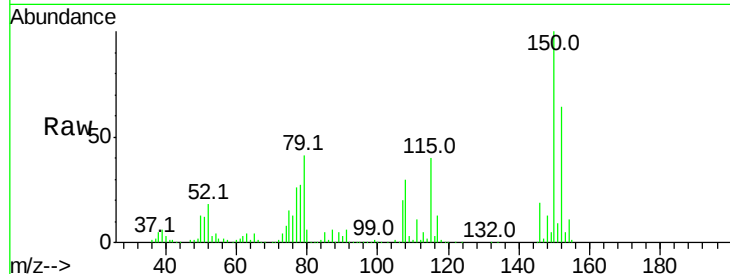
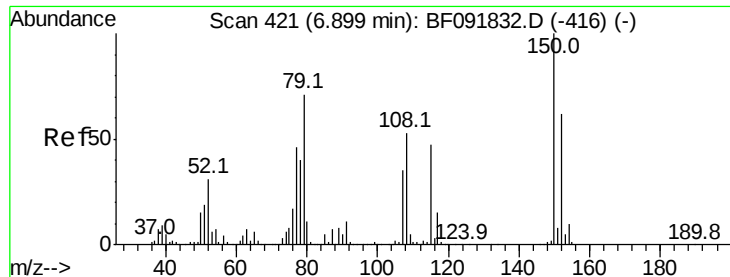
Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tgt Ion:	146	Resp:	523409
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.2	78.2
111	43.1	36.2	54.2





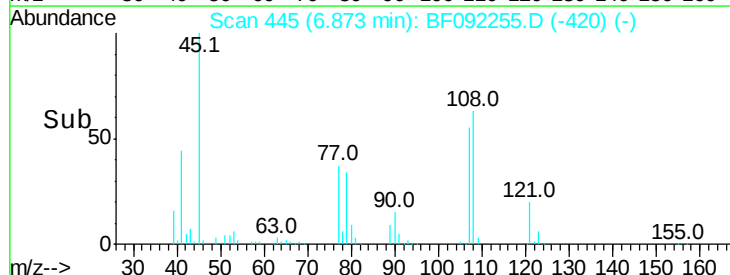
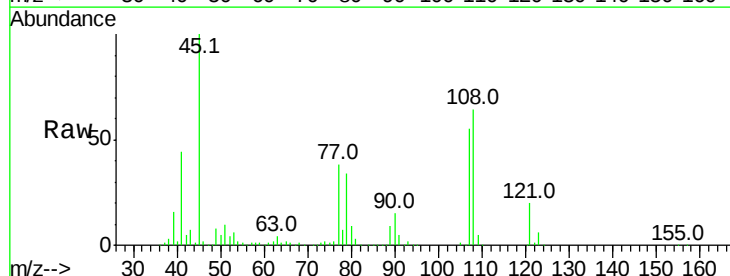
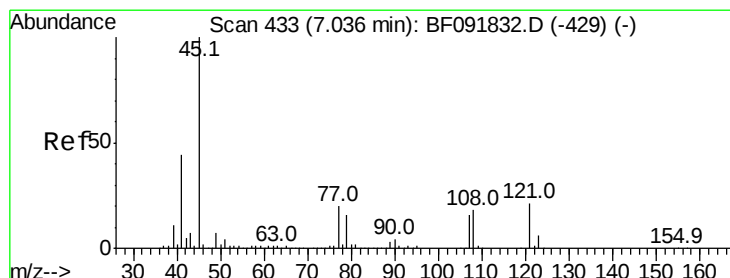
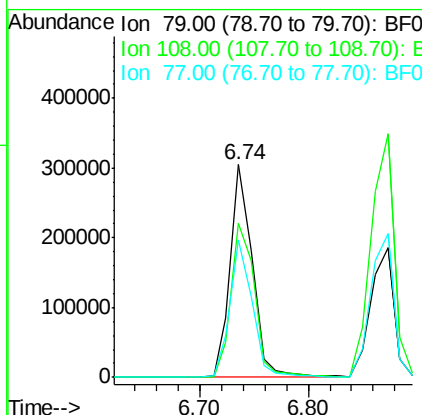
#15
Benzyl Alcohol
Concen: 42.91 ng
RT: 6.74 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	72.8	61.4	92.0	
77	64.6	50.9	76.3	

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

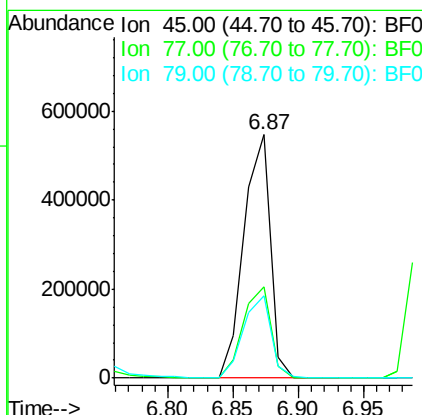
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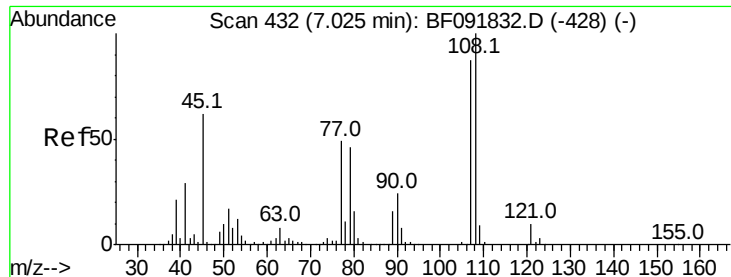
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.27 ng
RT: 6.87 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	37.6	0.0	34.6#	
79	33.9	0.0	31.2#	





#17

2-Methylphenol

Concen: 46.02 ng

RT: 6.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

Tot Ion:107 Resp: 444066
Ion Ratio Lower Upper

107 100

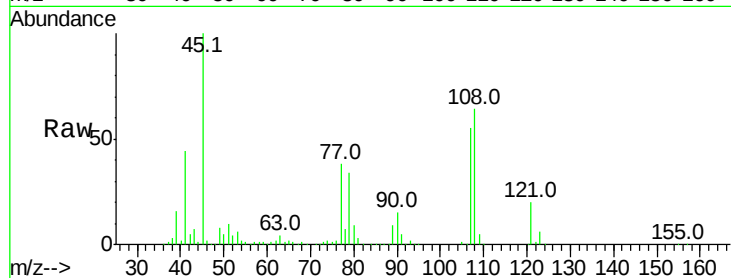
108 115.6 93.0 139.6

77 68.1 39.8 59.8#

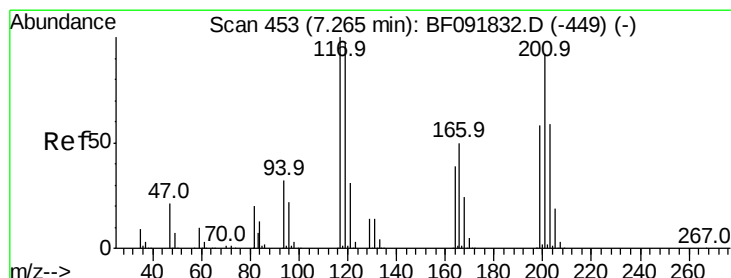
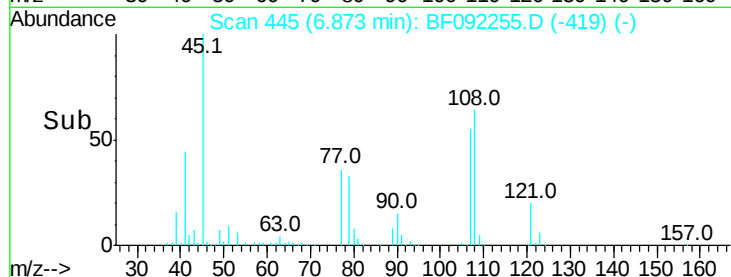
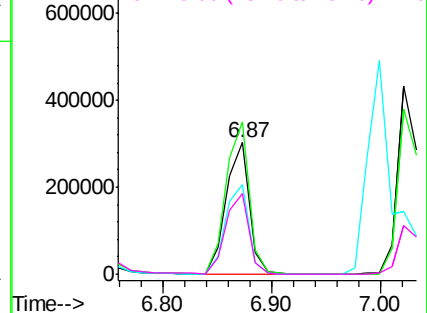
79 61.4 38.0 57.0#

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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: 45.68 ng

RT: 7.08 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF092255.D

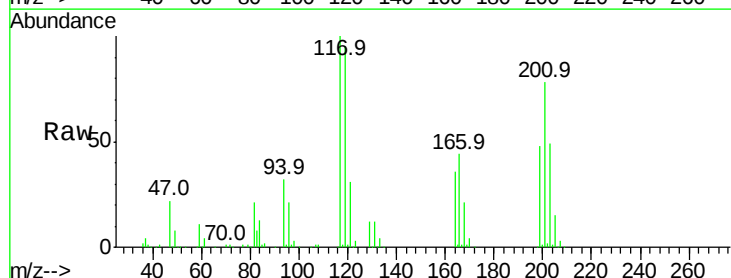
Acq: 13 Jan 2017 21:28

Tgt Ion:117 Resp: 220792
Ion Ratio Lower Upper

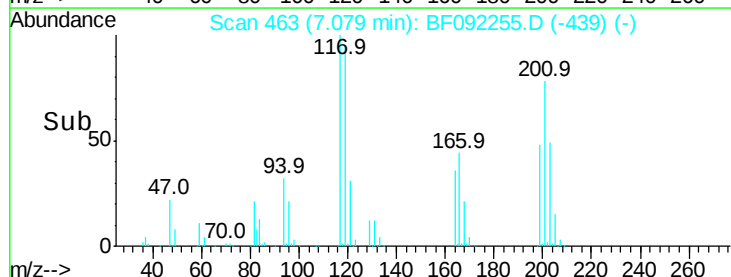
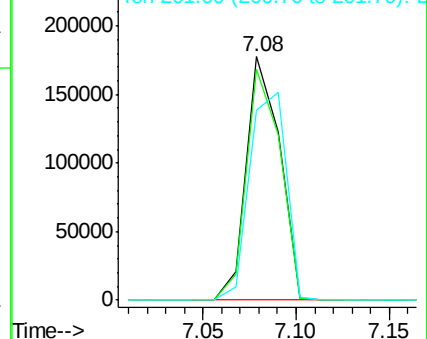
117 100

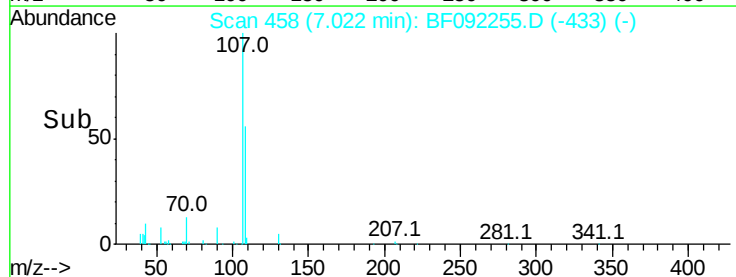
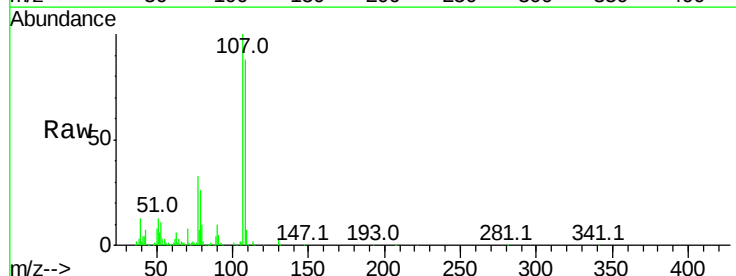
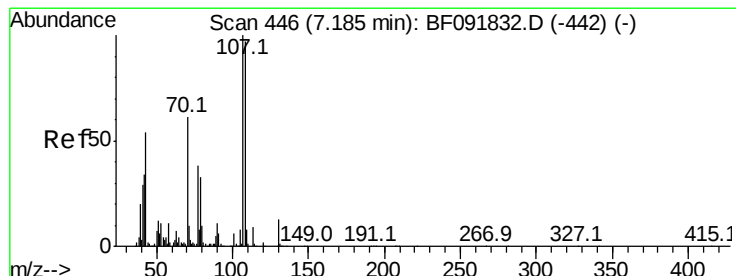
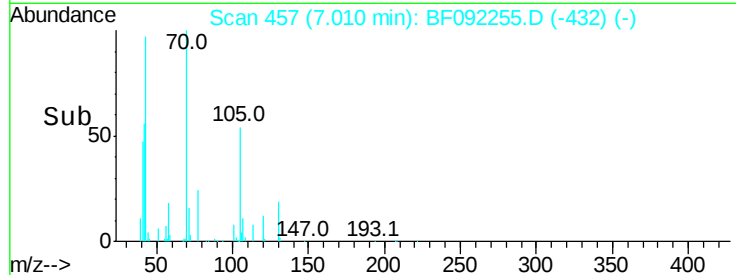
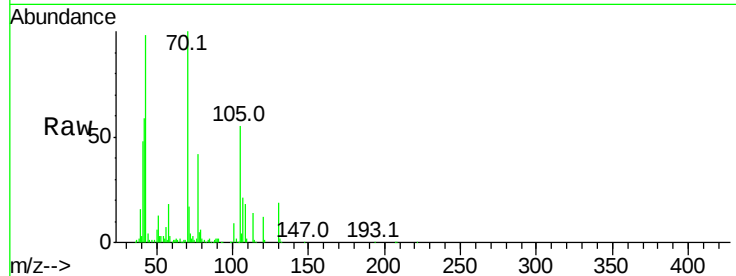
119 95.0 78.1 117.1

201 77.8 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: 46.80 ng

RT: 7.01 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF092255.D

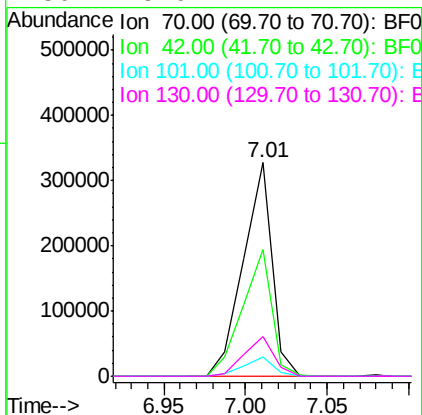
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.2	49.4	74.0		
101	8.8	7.4	11.2		
130	18.9	14.2	21.4		

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#20

3+4-Methylphenols

Concen: 53.70 ng

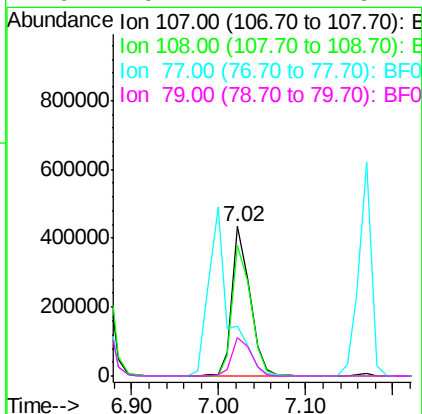
RT: 7.02 min Scan# 458

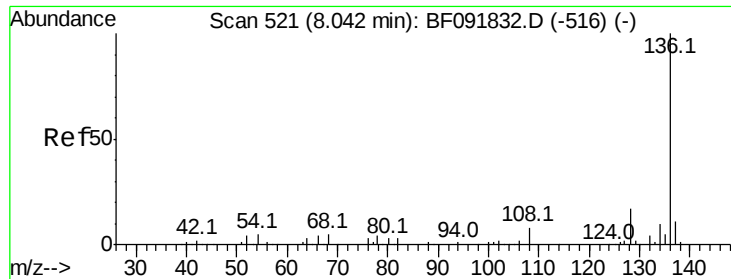
Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.6	73.0	113.0		
77	33.2	71.3	111.3#		
79	26.1	11.1	51.1		





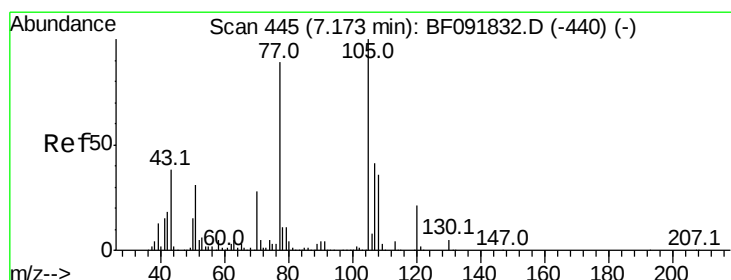
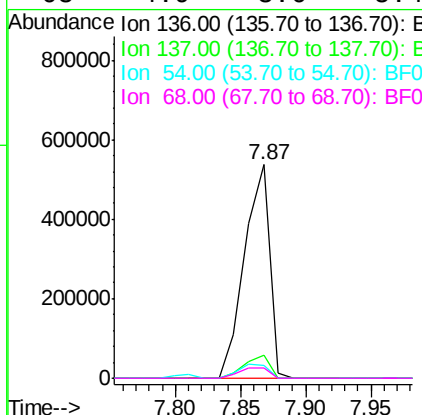
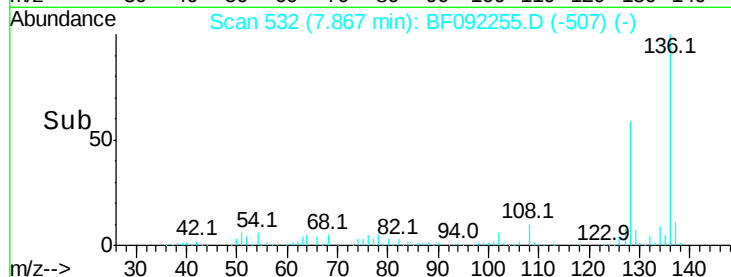
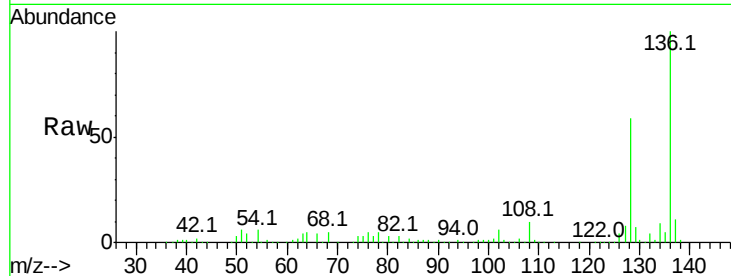
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	721350		
137	10.7		8.4	12.6
54	5.9		4.5	6.7
68	4.9		3.6	5.4

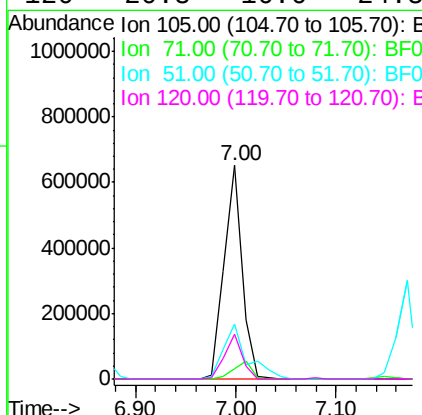
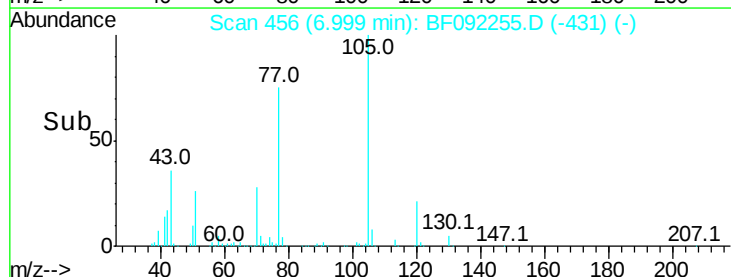
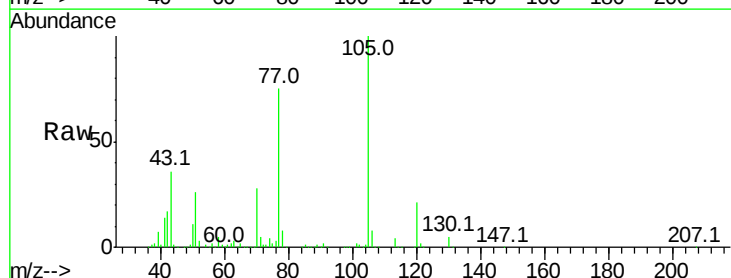
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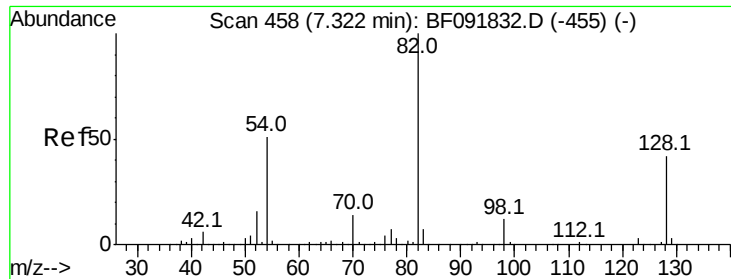
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#22
Acetophenone
Concen: 45.72 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	813548		
71	4.6		3.2	4.8
51	25.6		26.2	39.4#
120	20.8		16.6	24.8





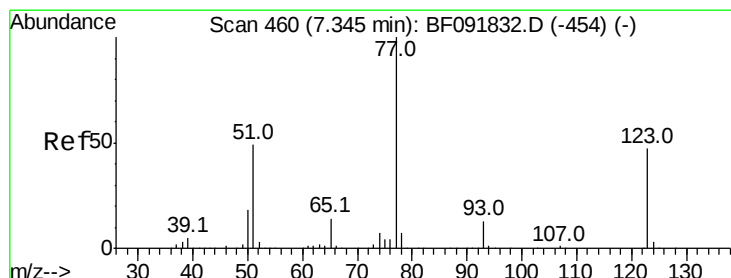
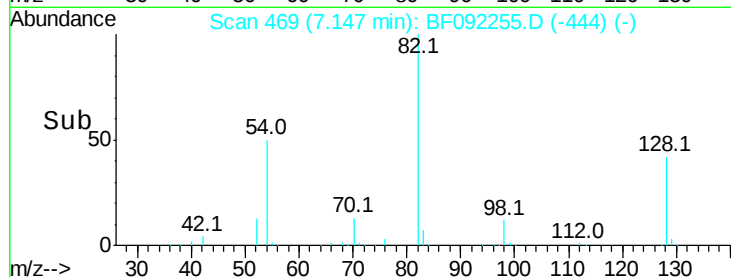
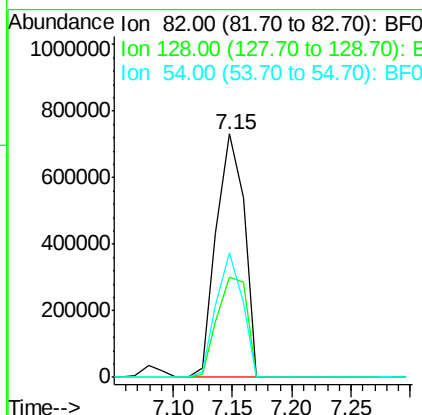
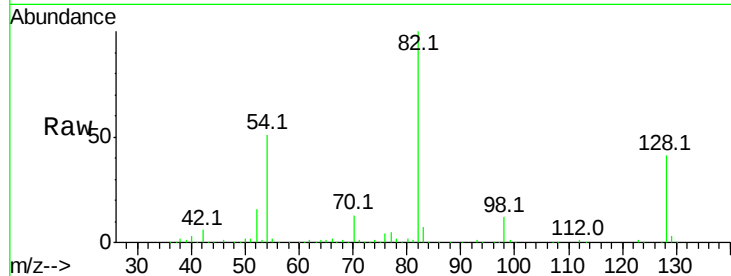
#23
Nitrobenzene-d5
Concen: 91.68 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	51.1	39.5	59.3

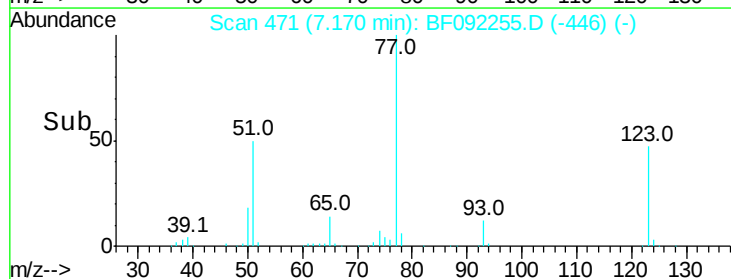
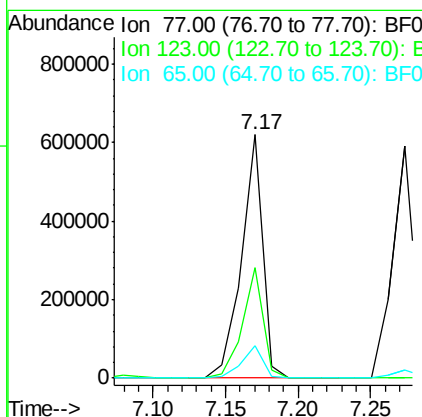
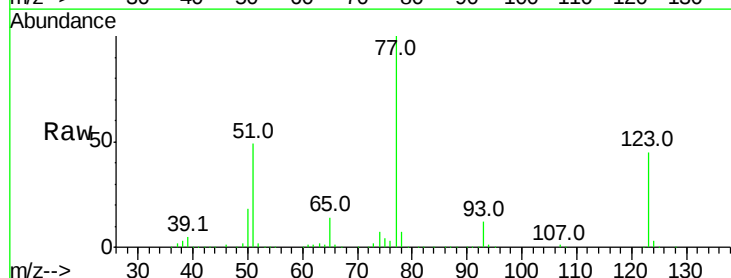
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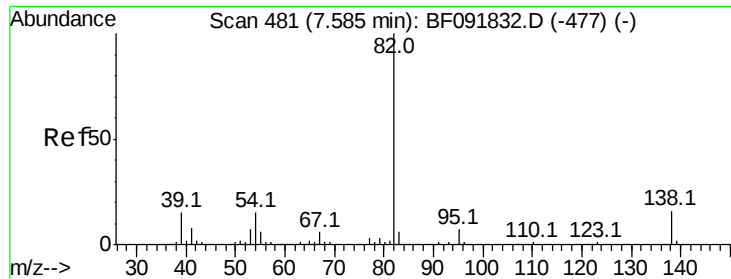
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#24
Nitrobenzene
Concen: 45.38 ng
RT: 7.17 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	33.0	49.4
65	13.6	11.2	16.8





#25

Isophorone

Concen: 46.71 ng

RT: 7.41 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

Tot Ion: 82 Resp: 1117986

Ion Ratio Lower Upper

82 100

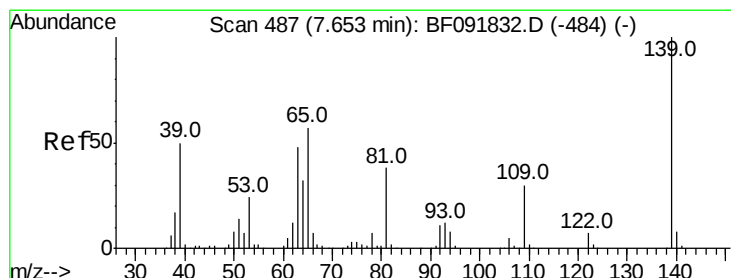
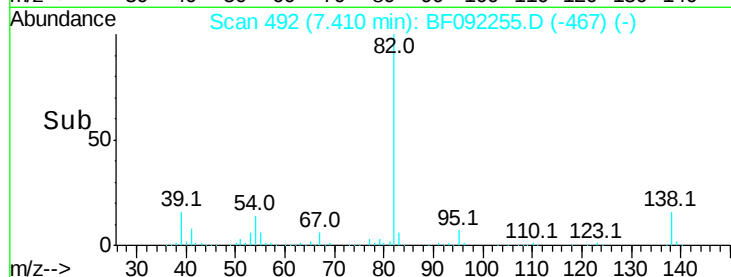
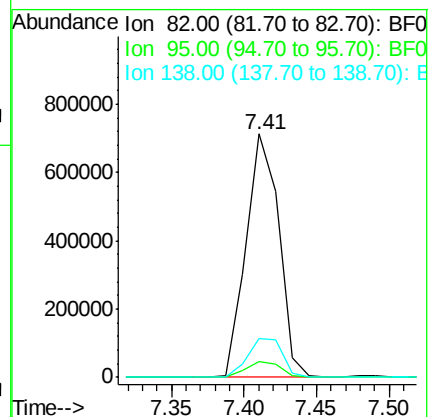
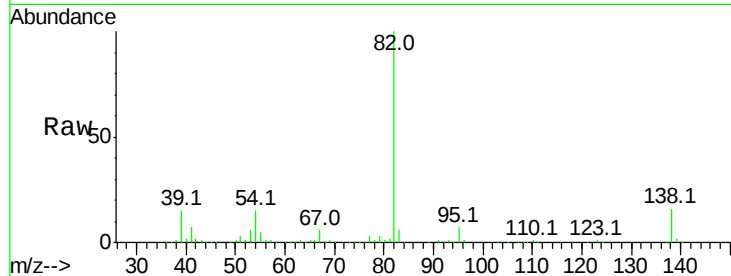
95 6.5 5.6 8.4

138 15.8 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.20 ng

RT: 7.49 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

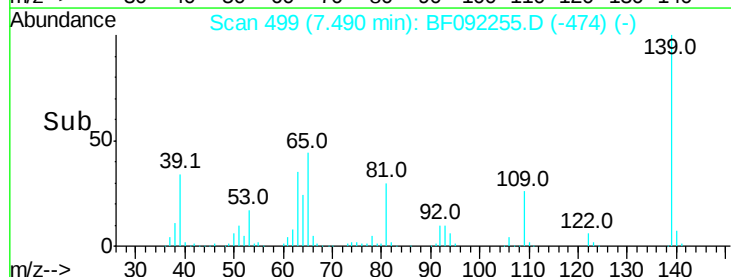
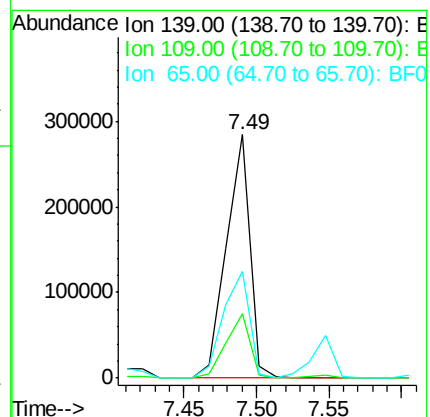
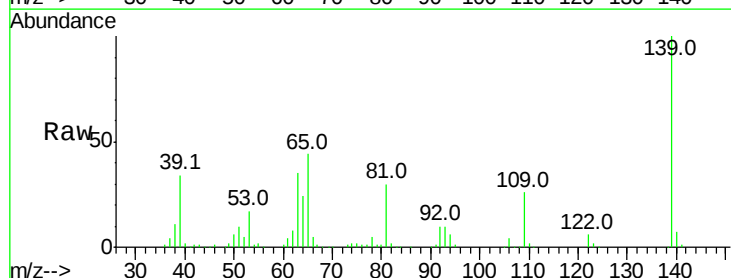
Tgt Ion: 139 Resp: 321615

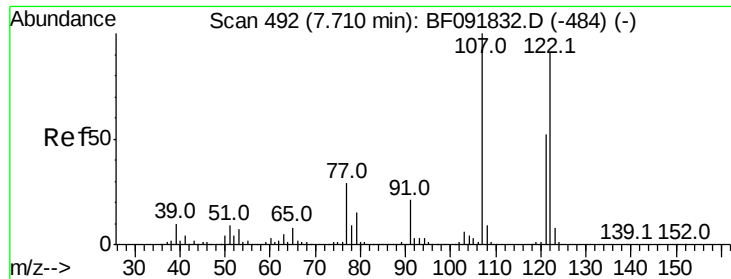
Ion Ratio Lower Upper

139 100

109 26.4 23.3 34.9

65 43.8 42.7 64.1





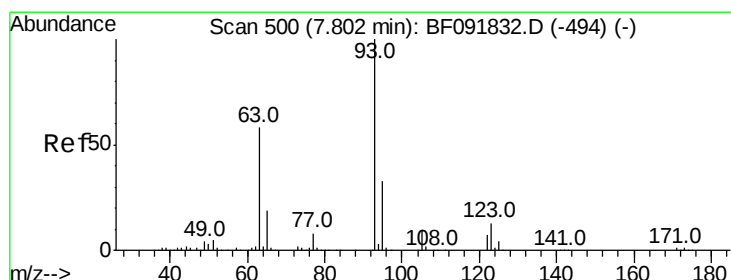
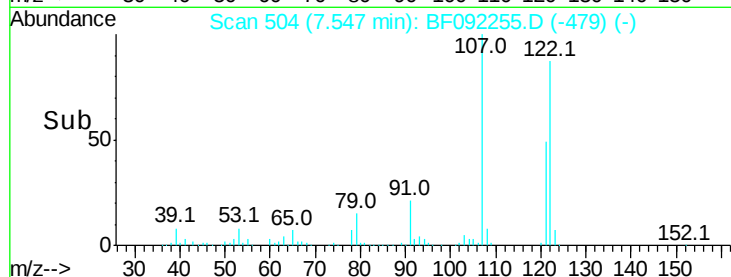
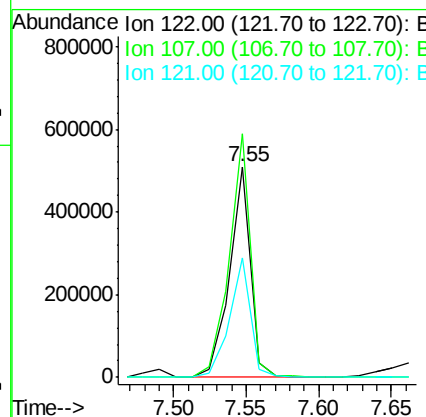
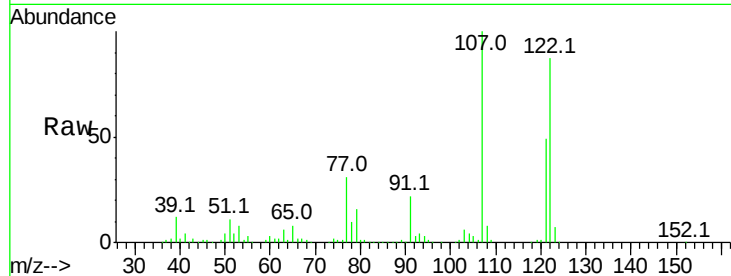
#27
2,4-Dimethylphenol
Concen: 45.50 ng
RT: 7.55 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	514147		
107	115.5	94.1	141.1	
121	56.9	46.0	69.0	

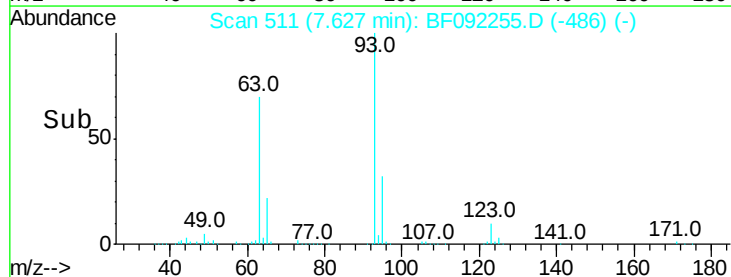
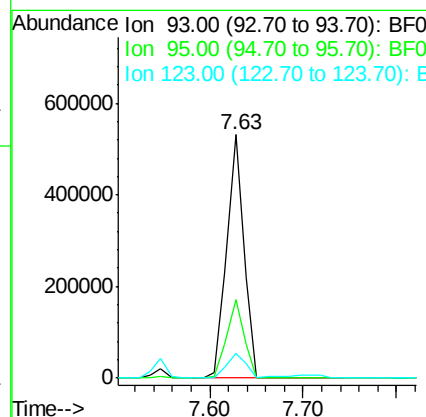
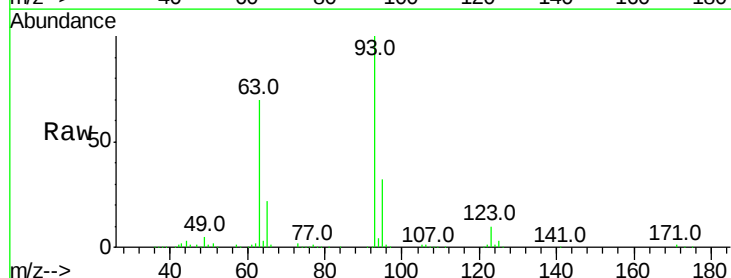
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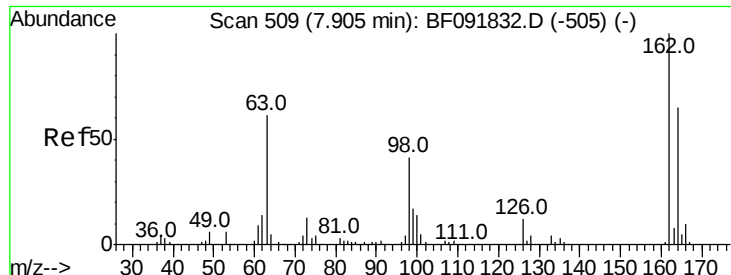
Sohil
1/16/2017 8:39:22 AM



#28
bis(2-Chloroethoxy)methane
Concen: 47.11 ng
RT: 7.63 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	683695		
95	32.0	26.5	39.7	
123	10.1	8.6	13.0	





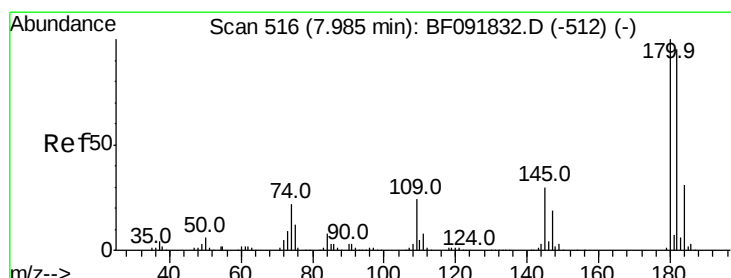
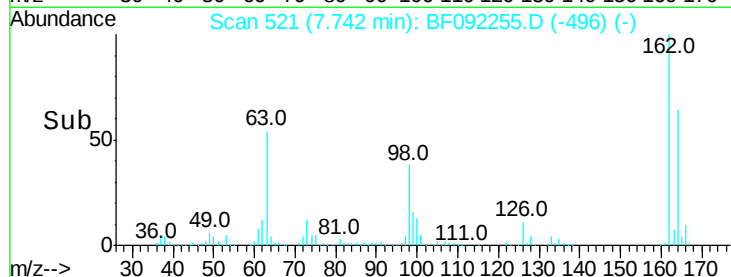
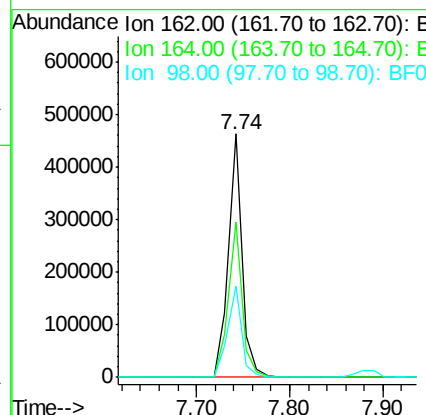
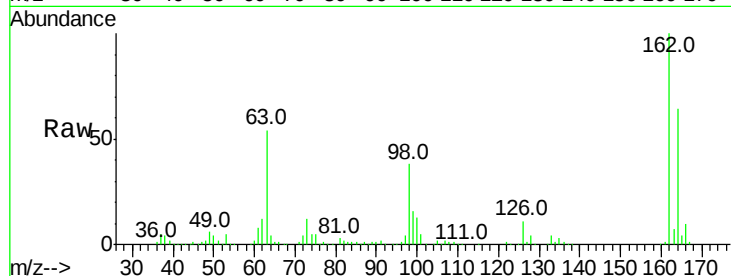
#29
 2,4-Dichlorophenol
 Concen: 49.42 ng
 RT: 7.74 min Scan# 521
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	472963		
164	63.8	46.8	86.8	
98	37.6	9.1	49.1	

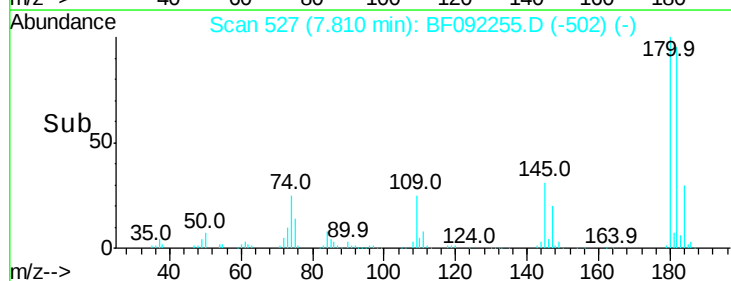
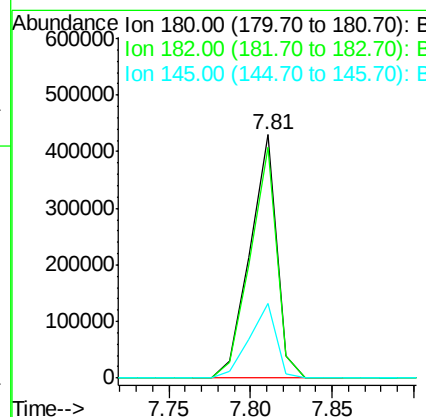
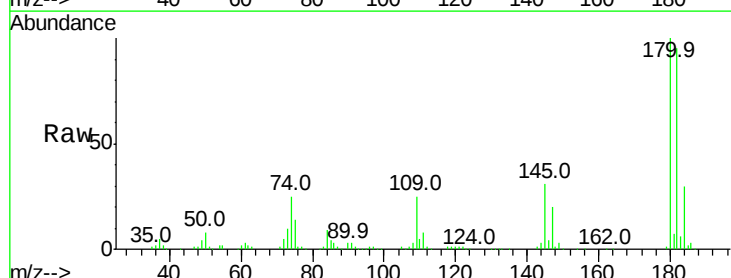
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.58 ng
 RT: 7.81 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	488445		
182	94.7	78.2	117.4	
145	30.7	21.6	32.4	





#31

Naphthalene

Concen: 48.39 ng

RT: 7.89 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

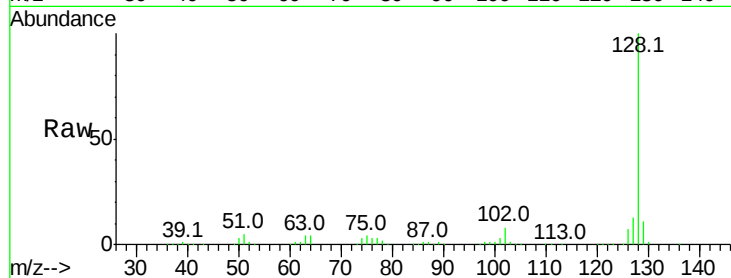
ClientSampleId :

PB95972BSD

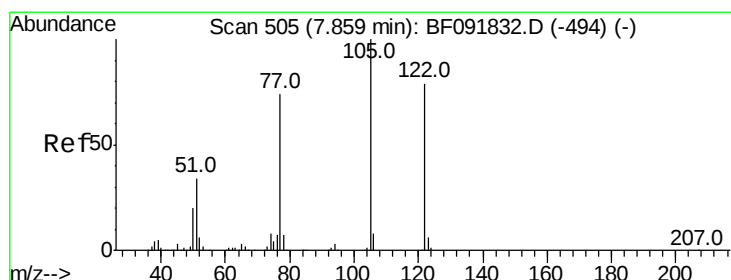
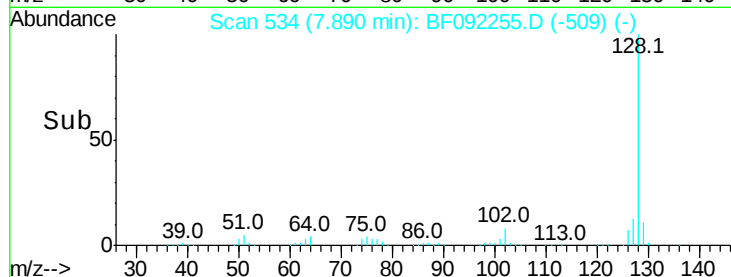
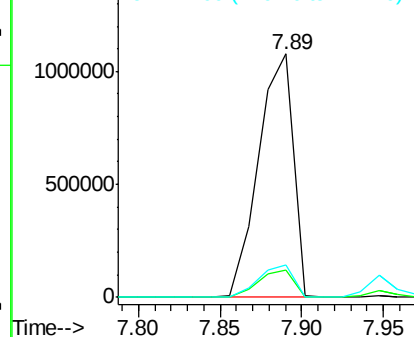
Tot Ion:128	Resp: 1597454
Ion Ratio	Lower Upper
128 100	
129 11.1	9.5 14.3
127 13.3	10.8 16.2

Manual Integrations
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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: 35.96 ng

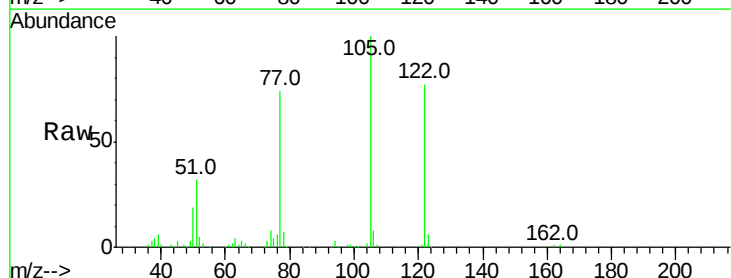
RT: 7.72 min Scan# 519

Delta R.T. 0.00 min

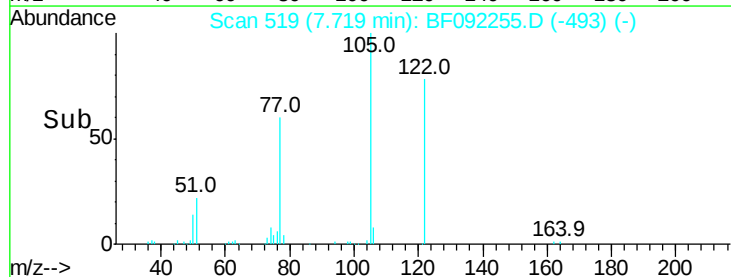
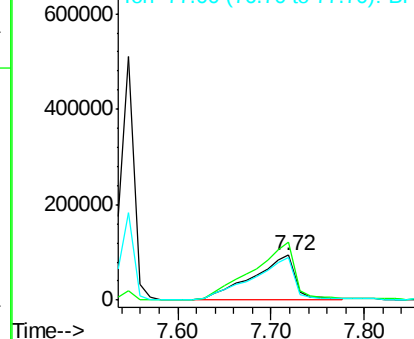
Lab File: BF092255.D

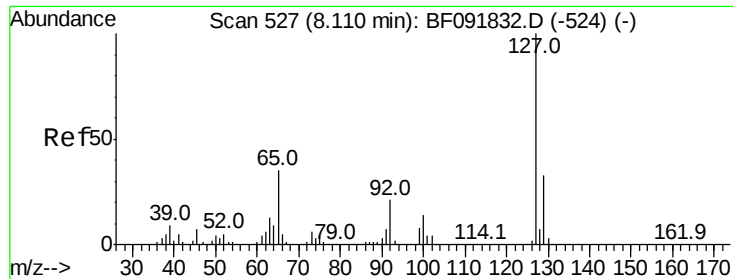
Acq: 13 Jan 2017 21:28

Tgt	Ion:122	Resp:	301440
Ion	Ratio	Lower	Upper
122	100		
105	129.1	107.2	147.2
77	95.2	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





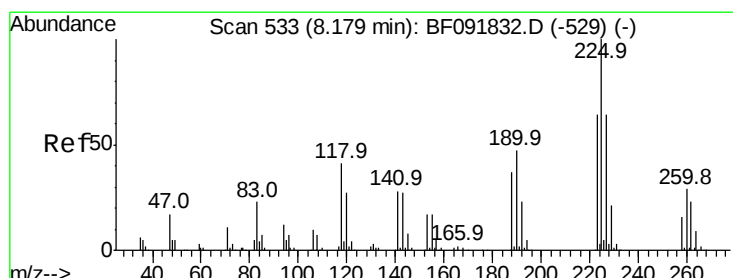
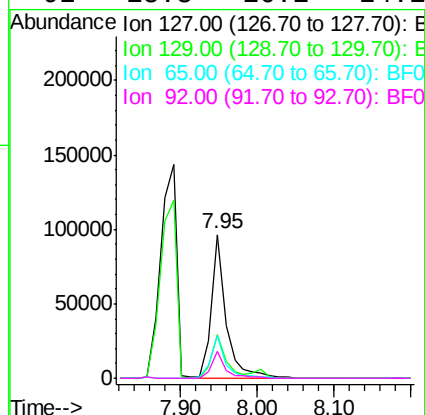
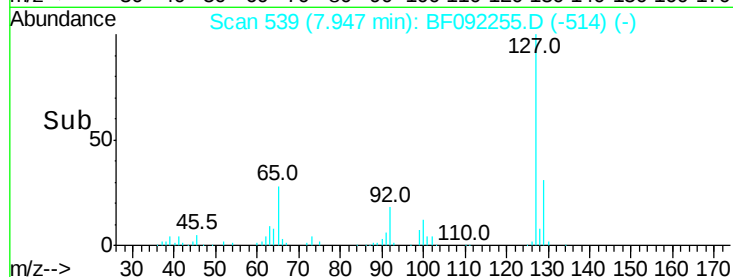
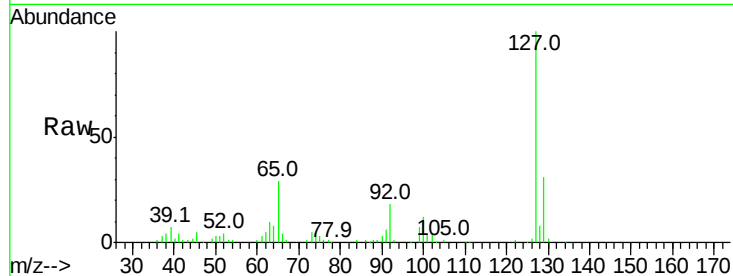
#33
4-Chloroaniline
Concen: 8.68 ng
RT: 7.95 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.6	26.3	39.5		
65	29.3	25.8	38.8		
92	18.3	16.1	24.1		

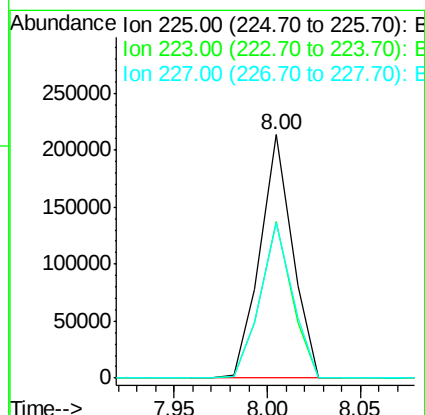
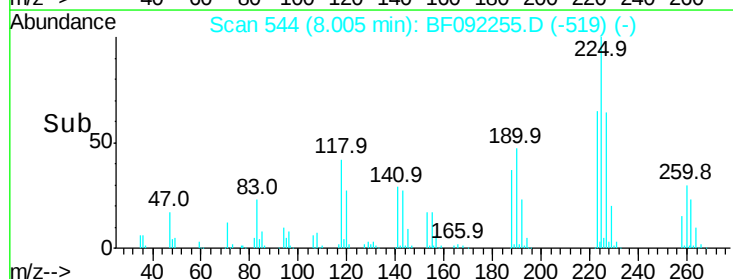
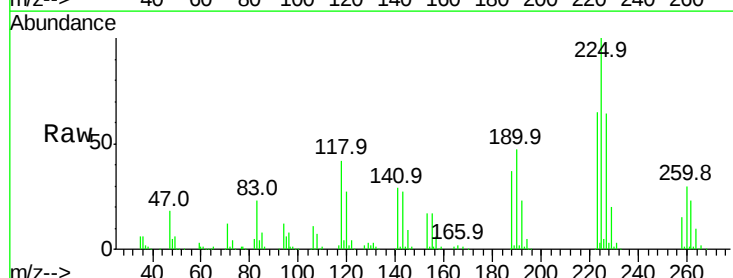
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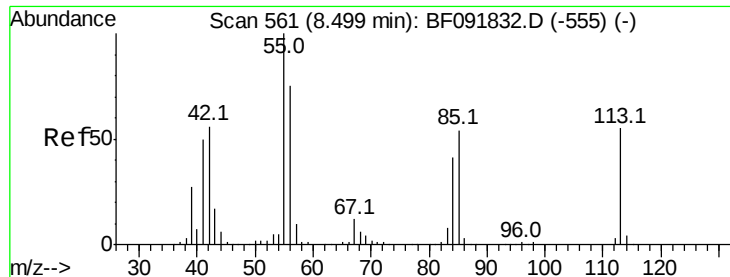
Sohil
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#34
Hexachlorobutadiene
Concen: 46.43 ng
RT: 8.00 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	51.0	76.6		
227	64.1	50.6	76.0		





#35

Caprolactam

Concen: 46.23 ng/ml

RT: 8.34 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

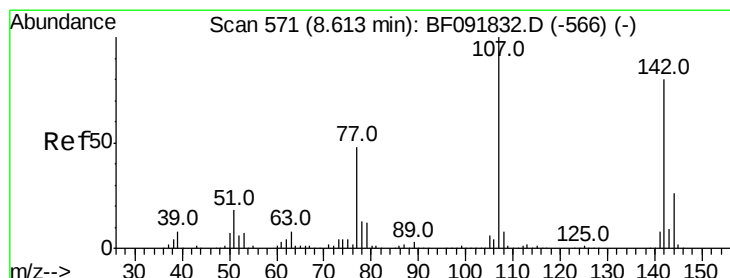
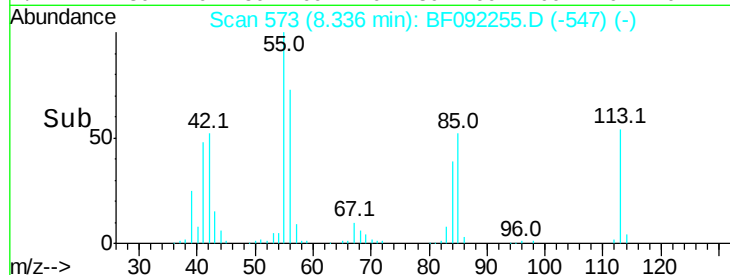
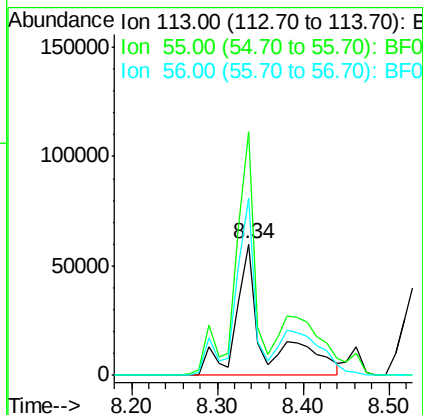
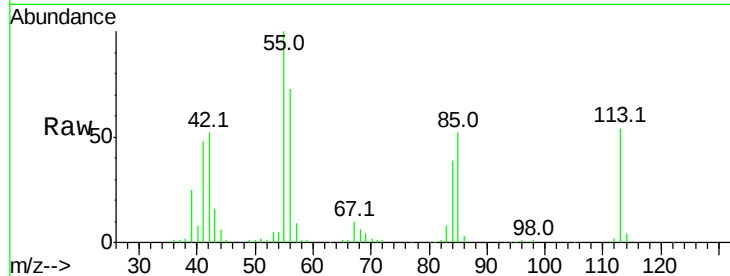
ClientSampleId :

PB95972BSD

Tot Ion:	113	Resp:	145364
Ion Ratio	Lower	Upper	
113	100		
55	185.5	119.2	159.2#
56	134.8	83.8	123.8#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 47.80 ng/ml

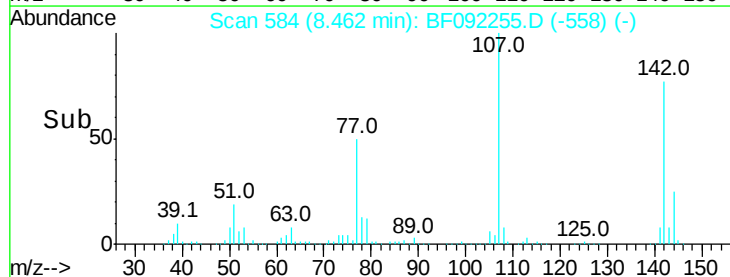
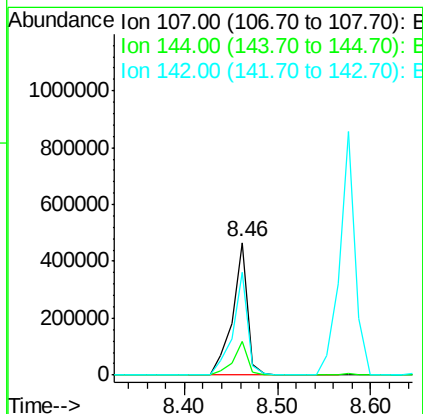
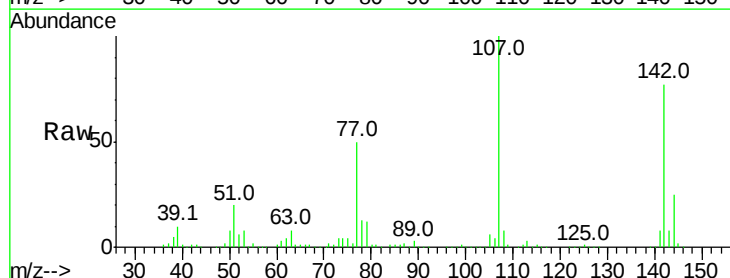
RT: 8.46 min Scan# 584

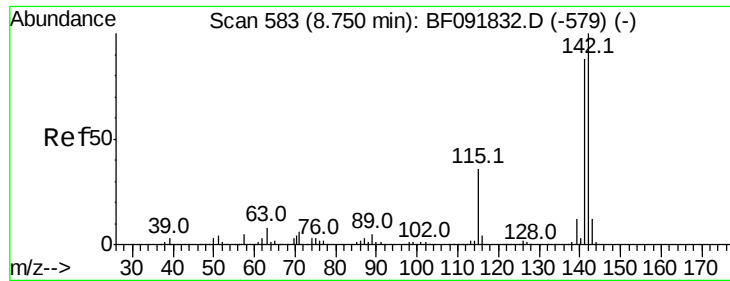
Delta R.T. 0.00 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tgt Ion:	107	Resp:	526300
Ion Ratio	Lower	Upper	
107	100		
144	25.0	19.3	28.9
142	77.4	59.0	88.6





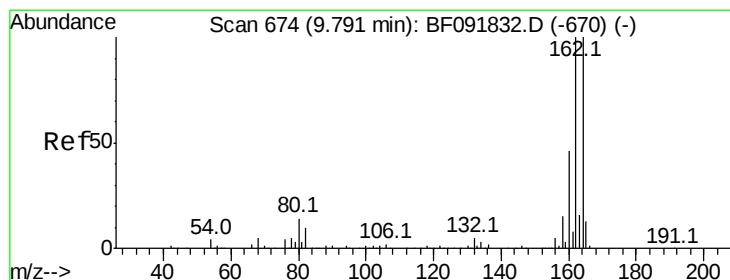
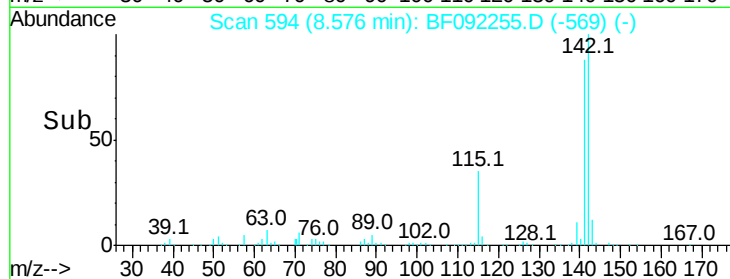
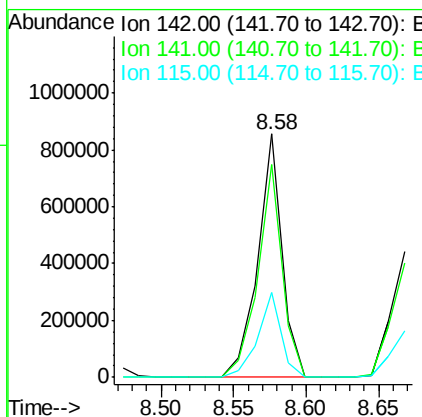
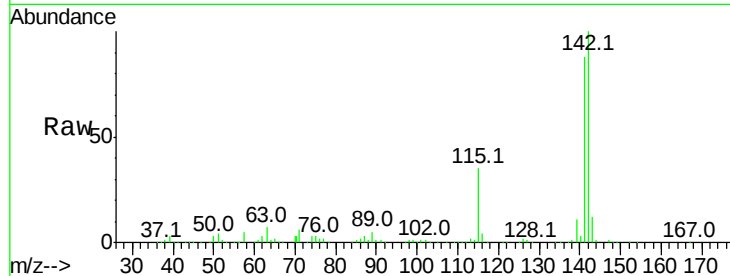
#37
2-Methylnaphthalene
Concen: 53.20 ng
RT: 8.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.0	106.6
115	34.9	28.3	42.5

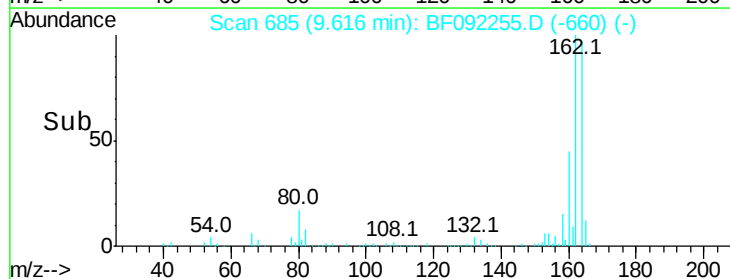
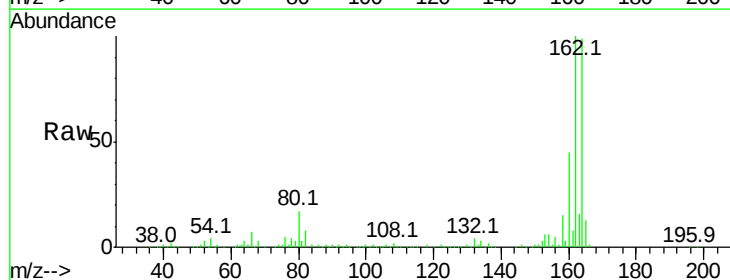
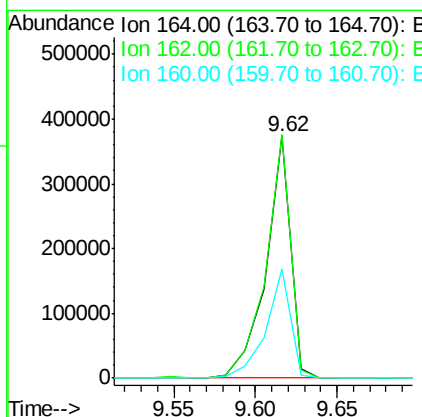
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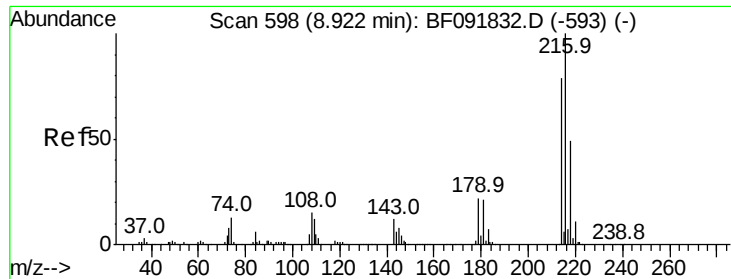
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	45.1	36.9	55.3





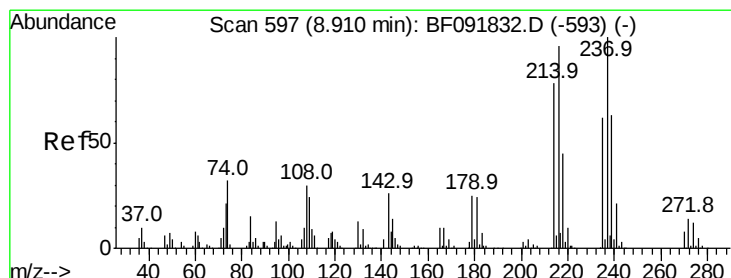
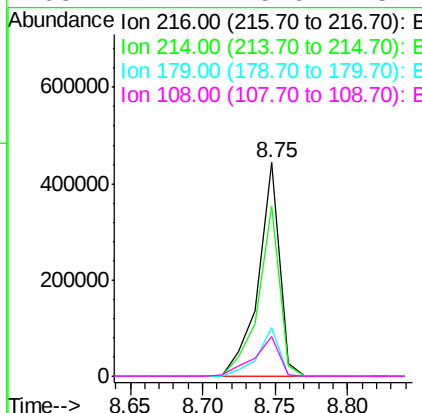
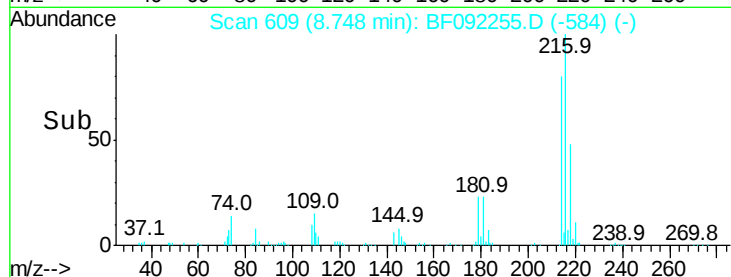
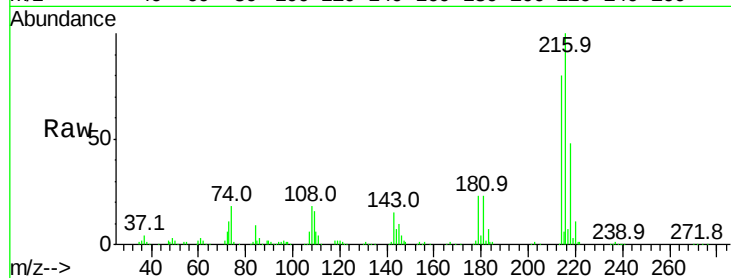
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.78 ng
 RT: 8.75 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	451975		
214	79.8	63.4	95.0	
179	22.5	17.4	26.2	
108	22.2	15.6	23.4	

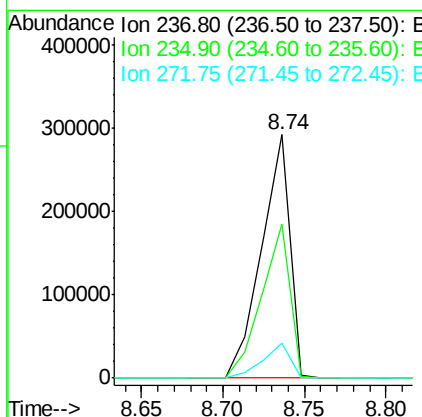
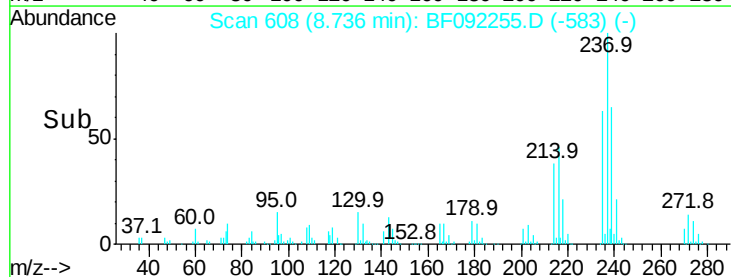
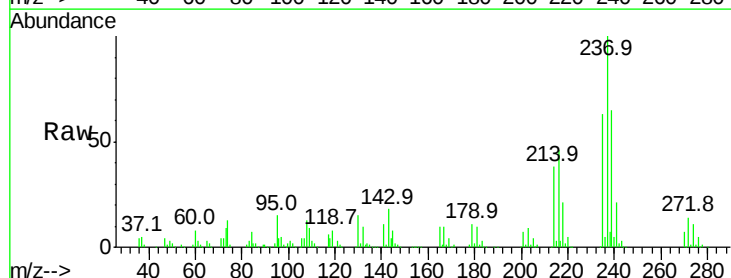
Manual Integrations
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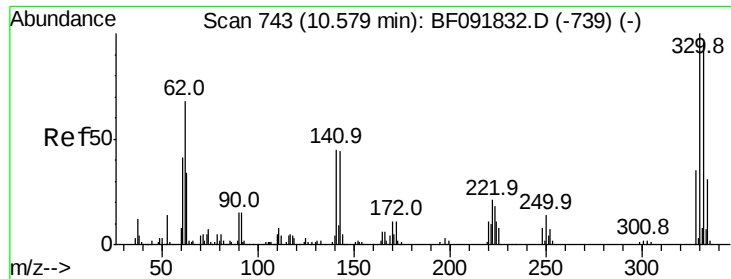
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#40
 Hexachlorocyclopentadiene
 Concen: 80.76 ng
 RT: 8.74 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	355308		
235	63.2	41.2	81.2	
272	14.2	0.0	35.4	





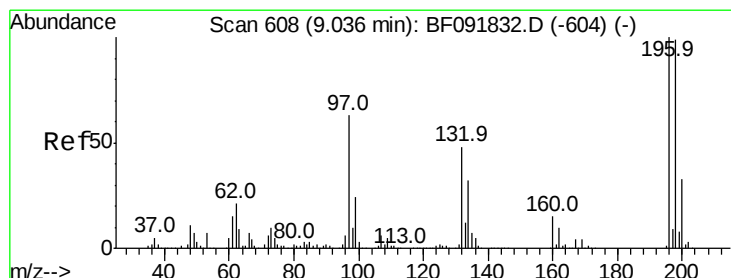
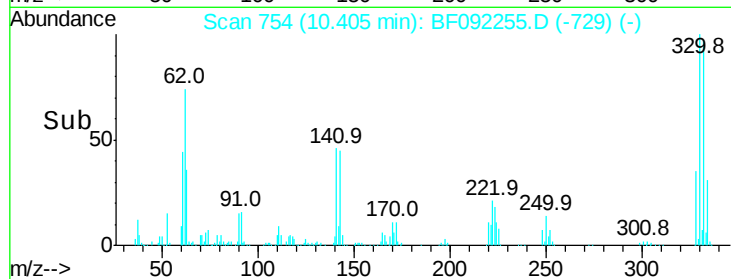
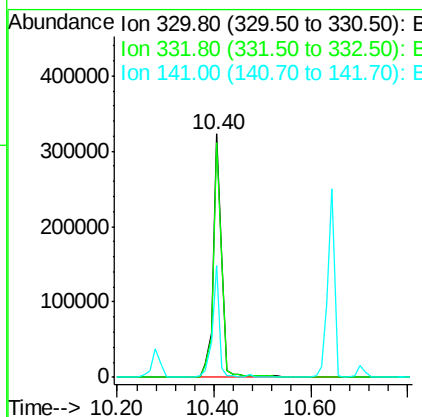
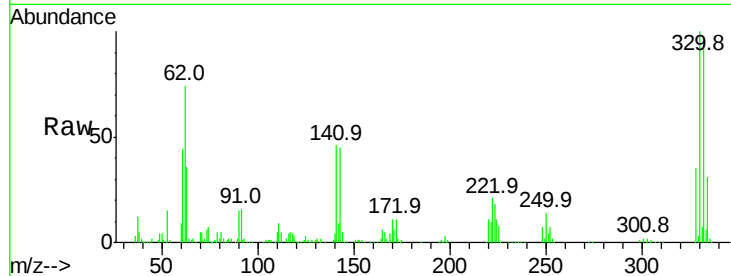
#41
 2,4,6-Tribromophenol
 Concen: 126.53 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	409195		
332	96.5		77.4	116.2
141	37.5		34.1	51.1

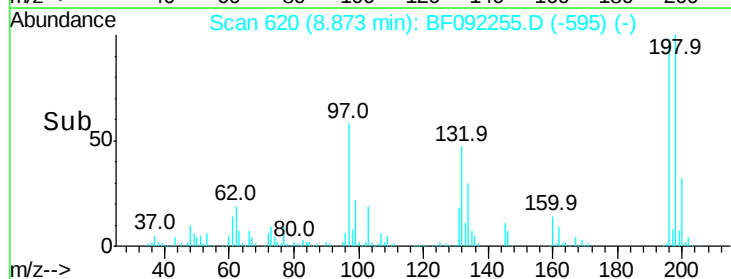
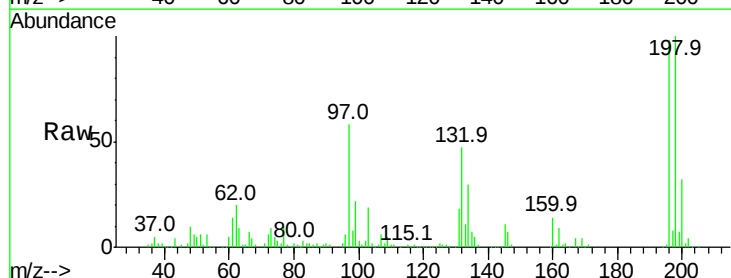
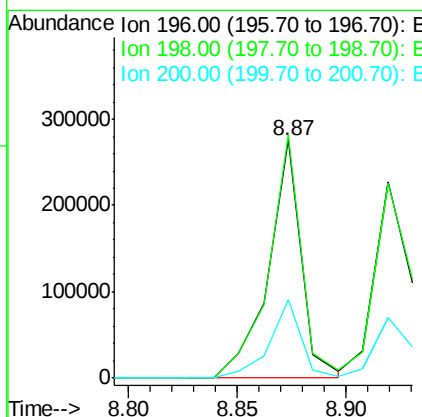
Manual Integrations
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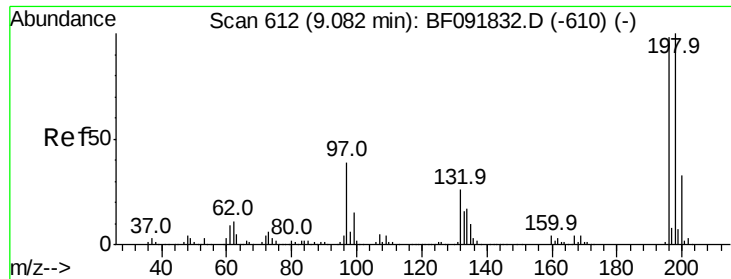
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 42.47 ng
 RT: 8.87 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	293236		
198	102.3		82.1	123.1
200	33.1		27.0	40.4





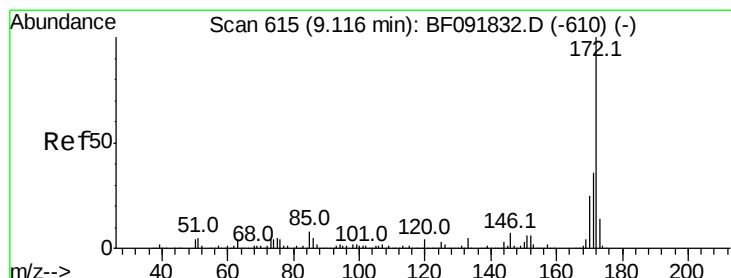
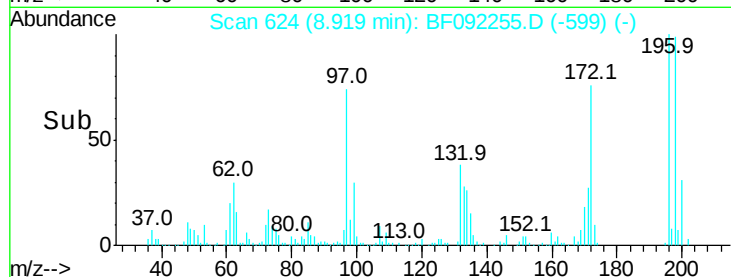
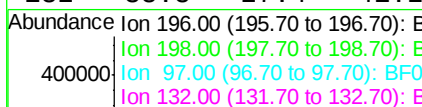
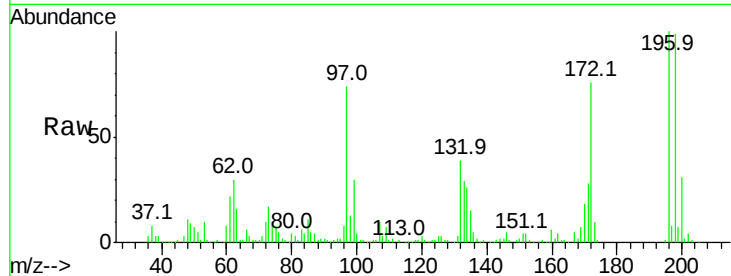
#43
 2,4,5-Trichlorophenol
 Concen: 37.90 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tot Ion:	196	Resp:	269354
Ion Ratio	Lower	Upper	
196	100		
198	99.2	79.4	119.2
97	74.5	51.5	77.3
132	38.8	27.4	41.2

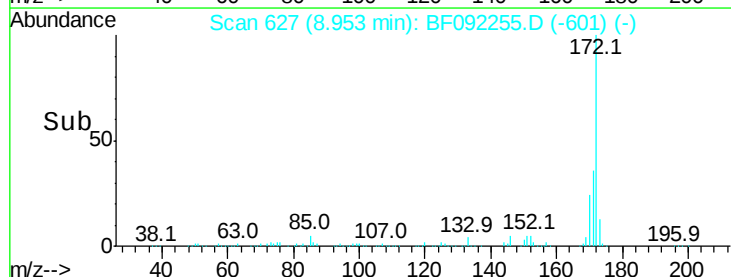
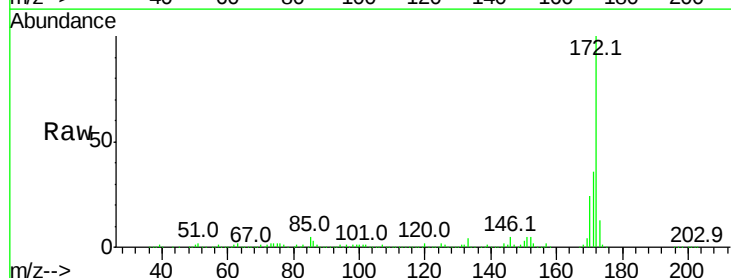
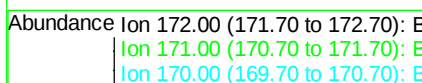
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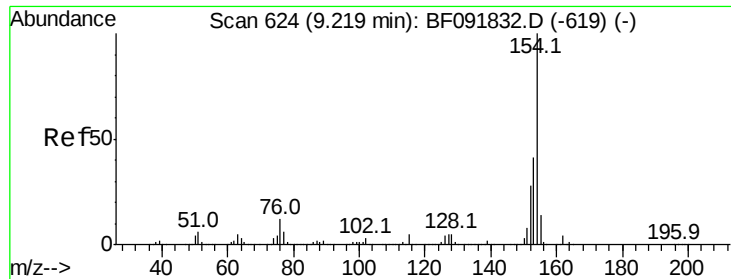
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 114.97 ng
 RT: 8.95 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion:	172	Resp:	2106121
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.4	44.0
170	24.0	20.2	30.4





#45

1,1'-Biphenyl

Concen: 47.18 ng

RT: 9.04 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

Tot Ion:154 Resp: 1262553

Ion Ratio Lower Upper

154 100

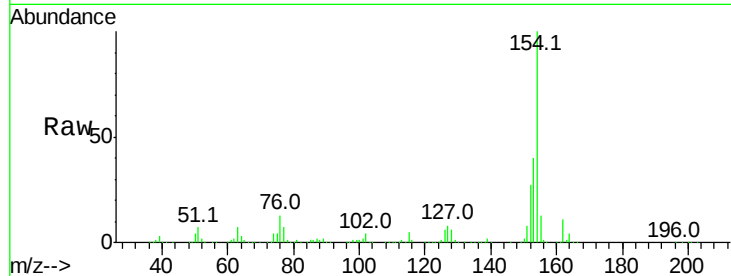
153 40.3 20.9 60.9

76 13.4 0.0 30.5

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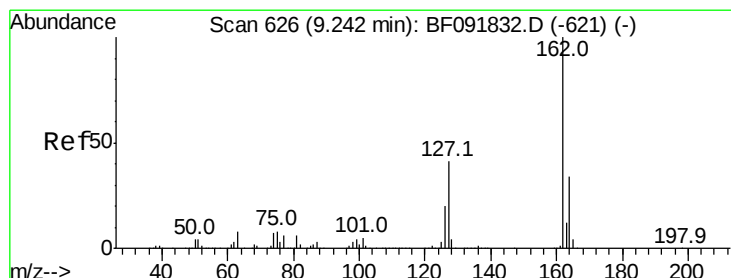
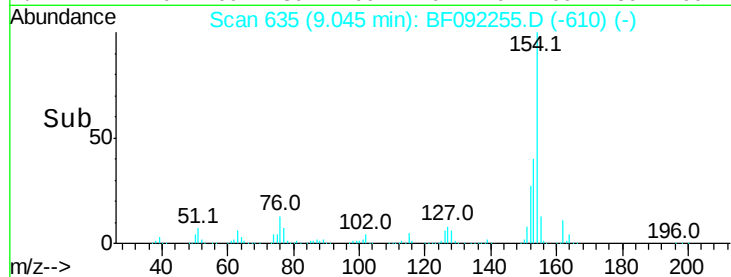
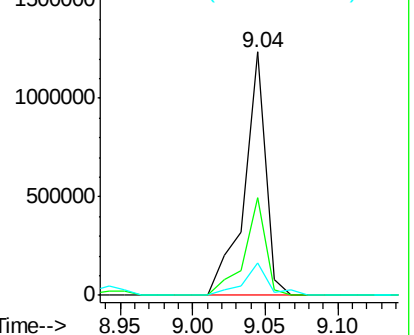
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.34 ng

RT: 9.07 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

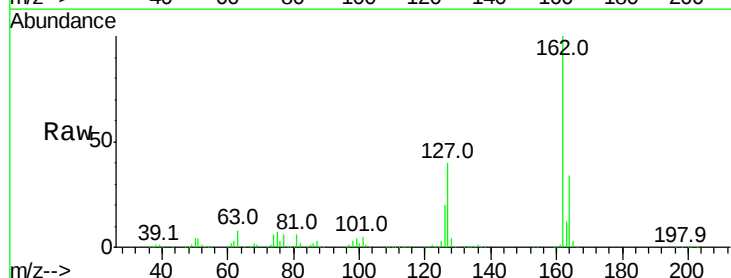
Tgt Ion:162 Resp: 982020

Ion Ratio Lower Upper

162 100

127 40.5 30.7 46.1

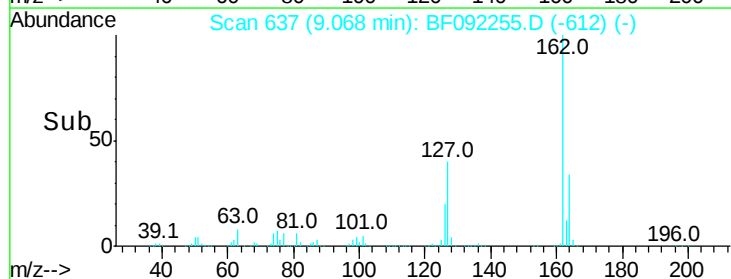
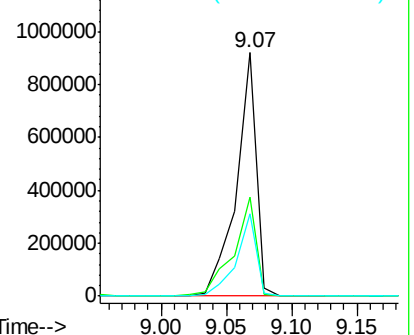
164 33.6 27.6 41.4

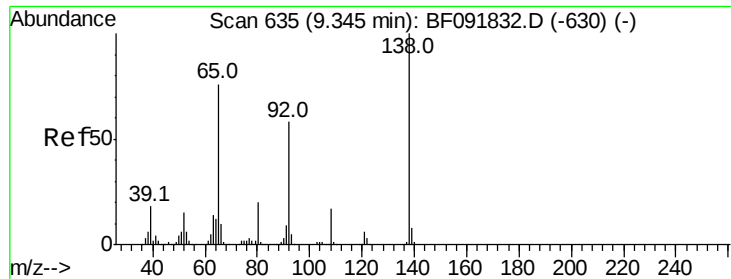


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.30 ng

RT: 9.17 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

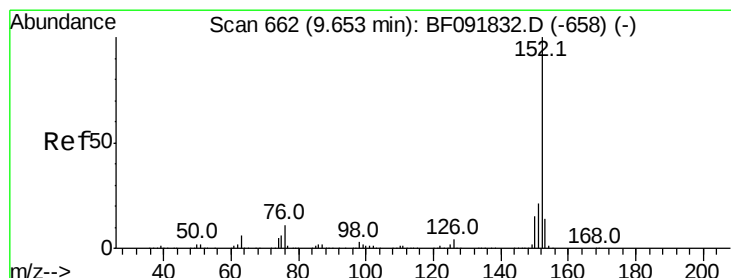
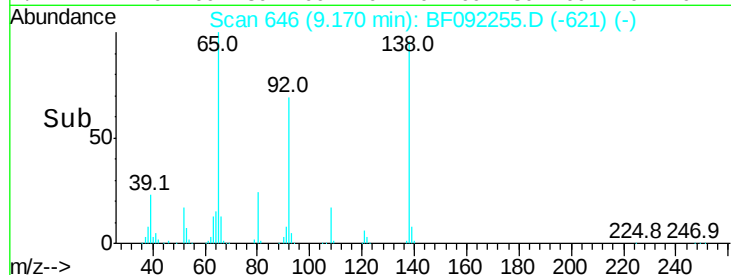
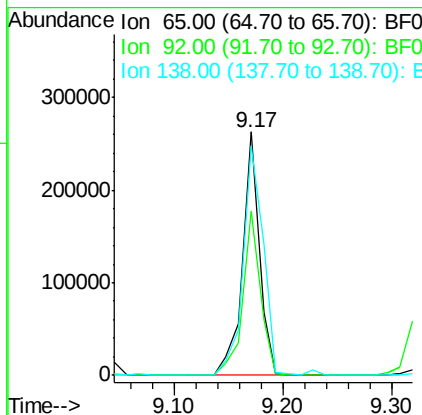
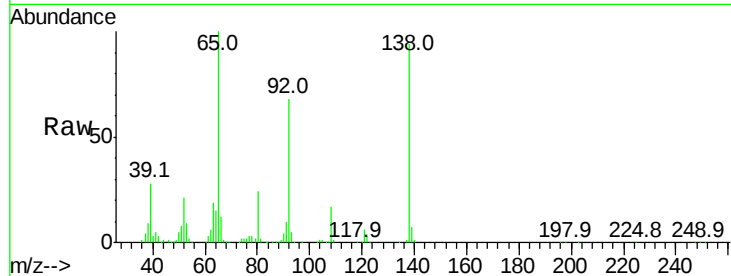
ClientSampleId :

PB95972BSD

Tot Ion:	65	Resp:	281451
Ion Ratio	Lower	Upper	
65	100		
92	67.6	53.9	80.9
138	94.1	76.8	115.2

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#48

Acenaphthylene

Concen: 45.73 ng

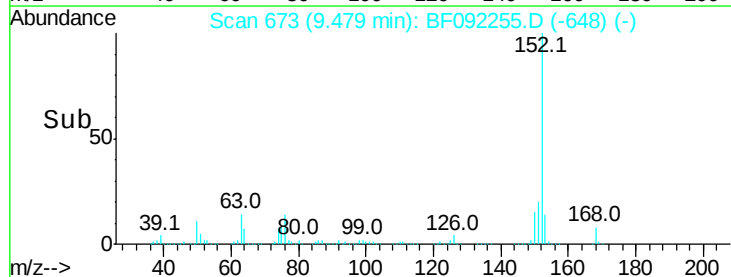
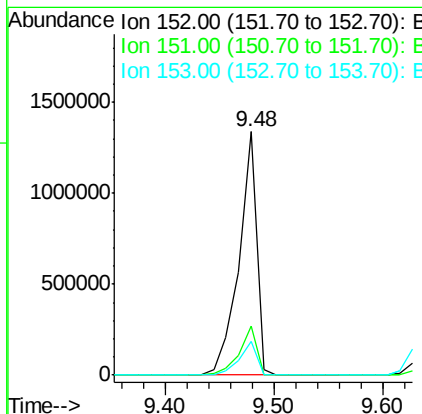
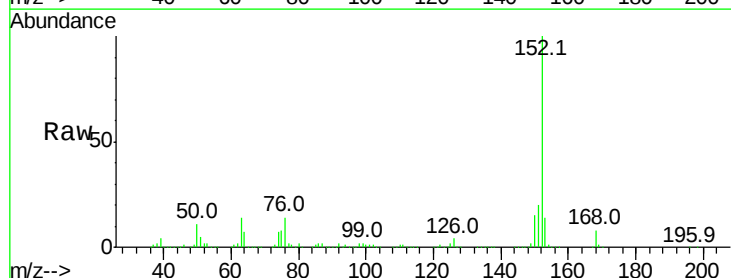
RT: 9.48 min Scan# 673

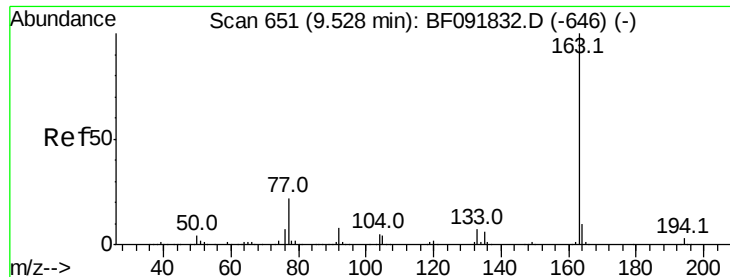
Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tgt Ion:	152	Resp:	1490418
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.9	25.3
153	14.0	11.4	17.2





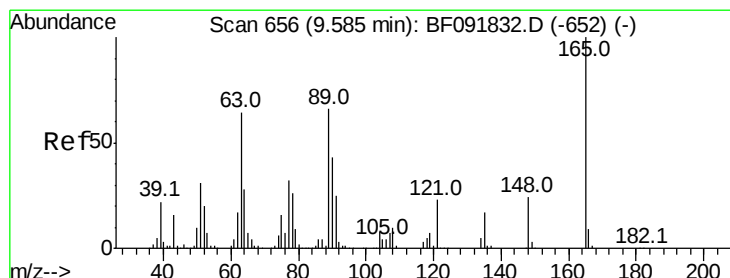
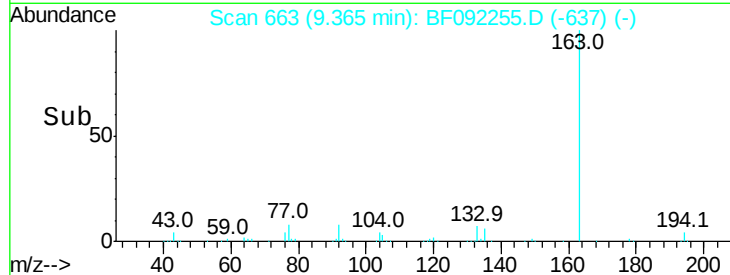
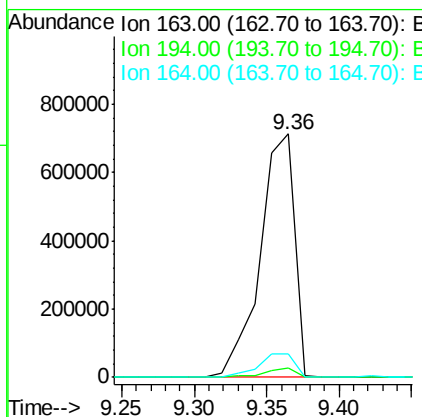
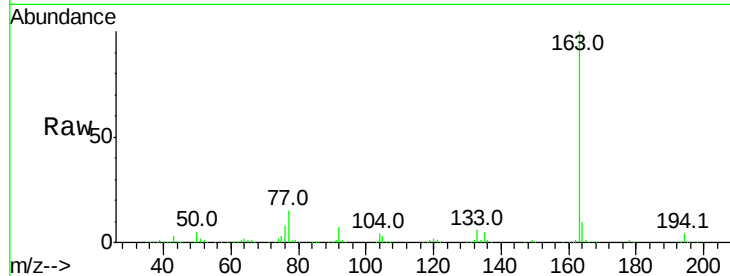
#49
Dimethylphthalate
Concen: 47.07 ng
RT: 9.36 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tot Ion:163 Resp: 1176600
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.8 8.0 12.0

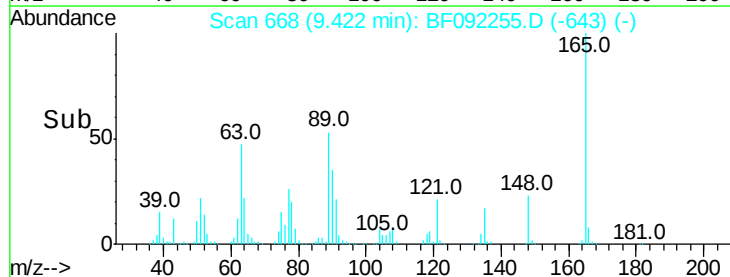
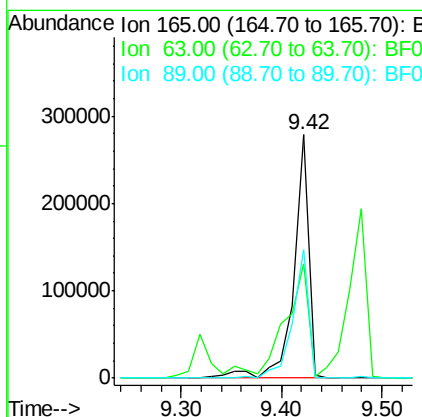
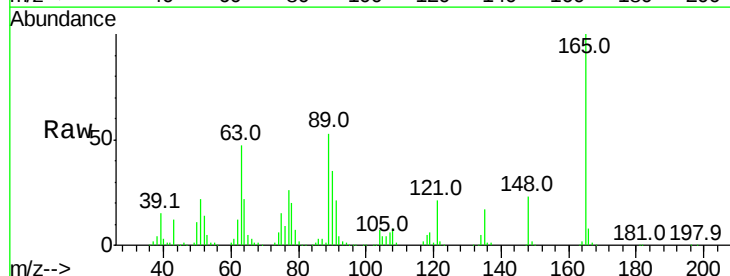
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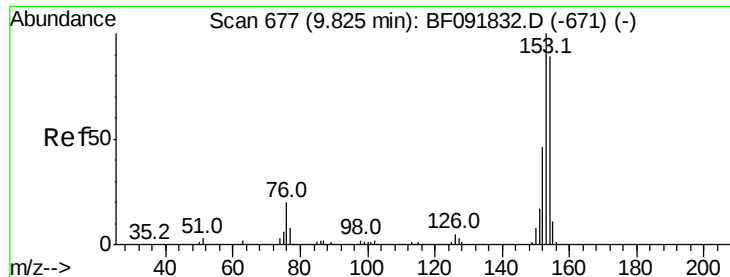
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#50
2,6-Dinitrotoluene
Concen: 52.05 ng
RT: 9.42 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion:165 Resp: 284754
Ion Ratio Lower Upper
165 100
63 46.9 36.2 54.4
89 52.9 40.2 60.4





#51

Acenaphthene

Concen: 44.40 ng

RT: 9.65 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

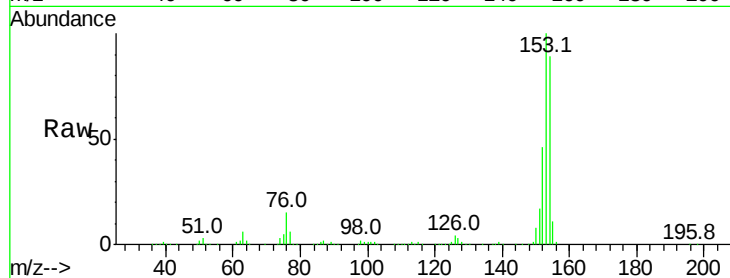
ClientSampleId :

PB95972BSD

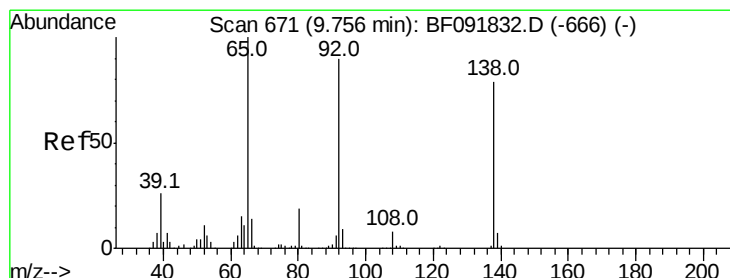
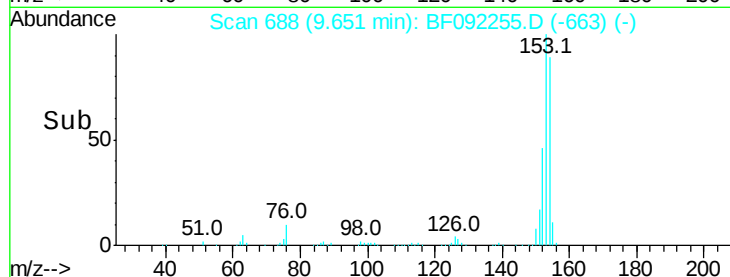
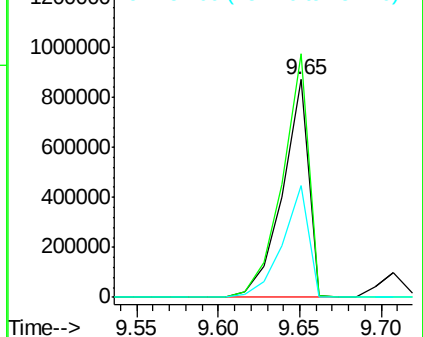
Tot Ion:	154	Resp:	980874
Ion Ratio	Lower	Upper	
154	100		
153	111.8	88.6	133.0
152	51.4	41.6	62.4

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



#52

3-Nitroaniline

Concen: 11.88 ng

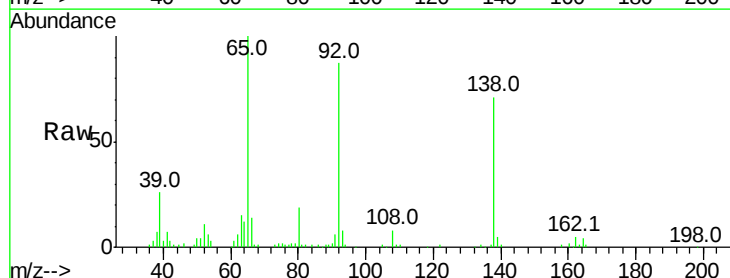
RT: 9.58 min Scan# 682

Delta R.T. -0.01 min

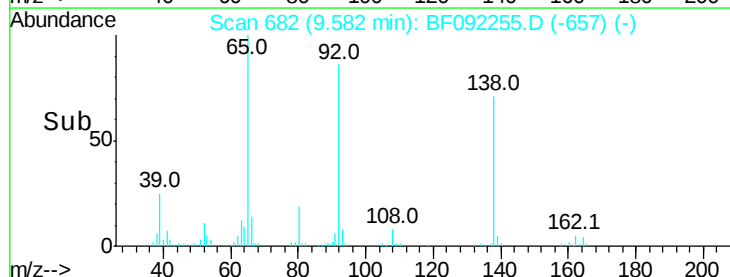
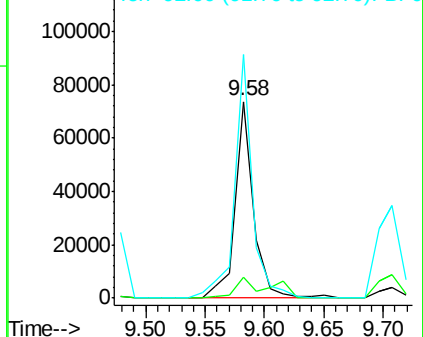
Lab File: BF092255.D

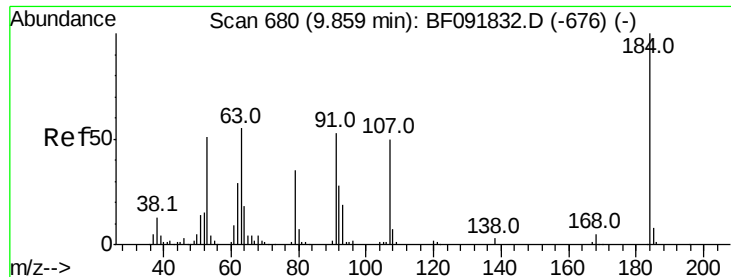
Acq: 13 Jan 2017 21:28

Tgt Ion:	138	Resp:	80434
Ion Ratio	Lower	Upper	
138	100		
108	10.9	8.5	12.7
92	124.0	97.8	146.8



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





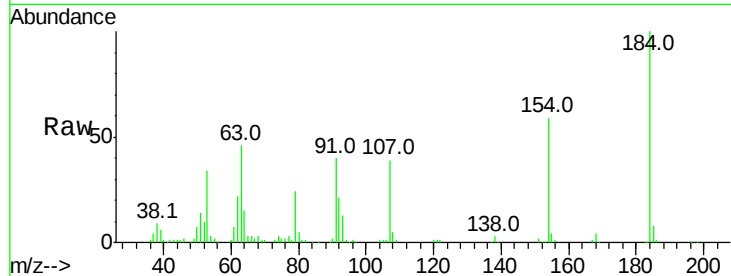
#53
 2,4-Dinitrophenol
 Concen: 63.95 ng
 RT: 9.71 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	46.4	28.4	42.6	
154	58.5	44.3	66.5	

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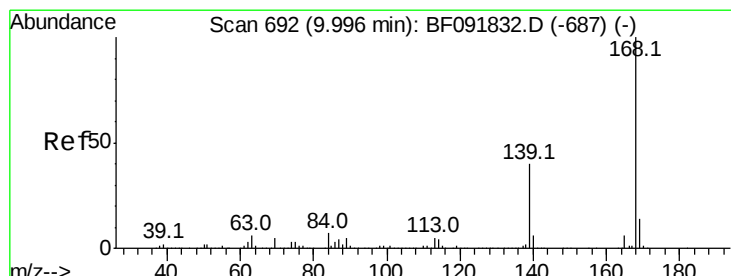
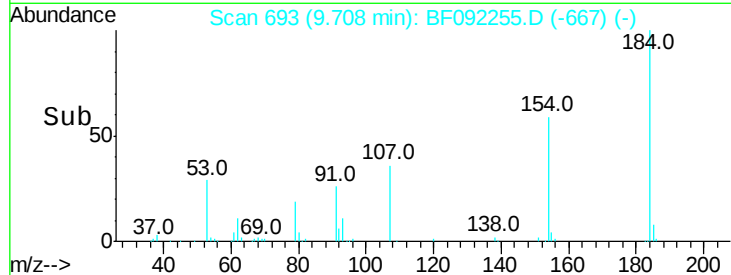
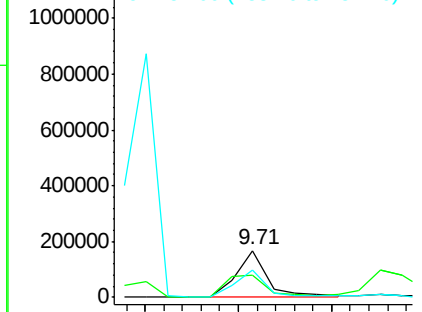


Abundance

Ion 184.00 (183.70 to 184.70): E

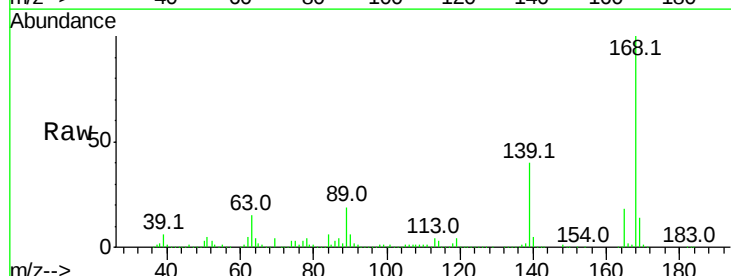
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 43.06 ng
 RT: 9.82 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.9	32.6	49.0	
169	13.7	11.3	16.9	

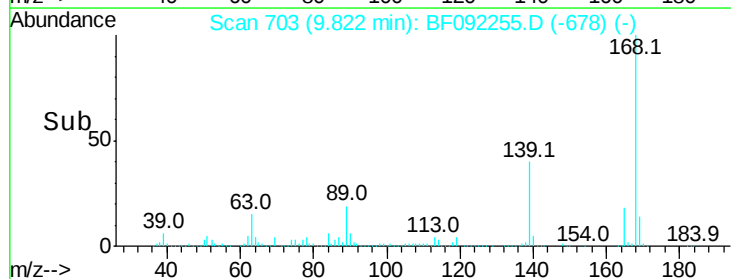
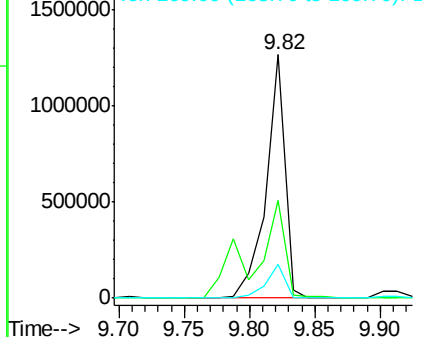


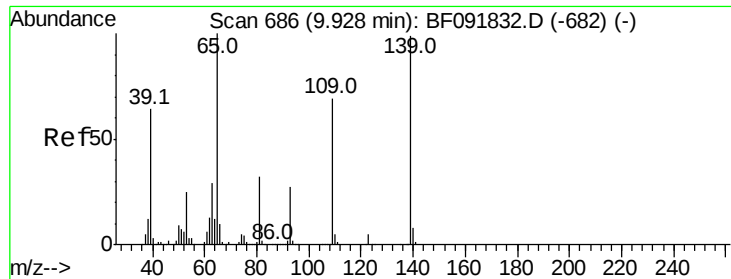
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 77.46 ng/mL

RT: 9.79 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

Tot Ion:139 Resp: 356058

Ion Ratio Lower Upper

139 100

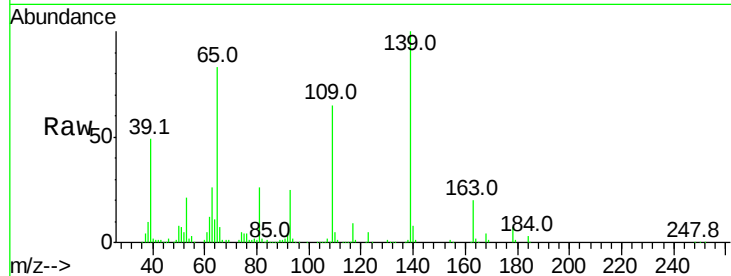
109 65.3 52.2 92.2

65 82.6 85.8 125.8#

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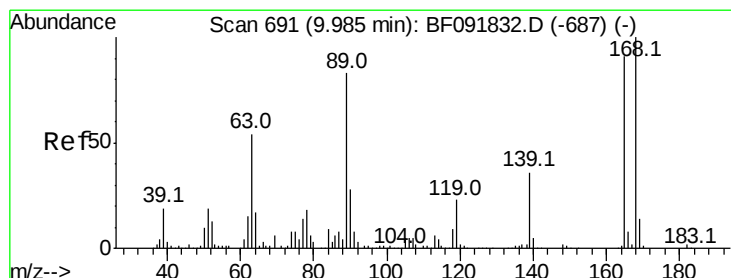
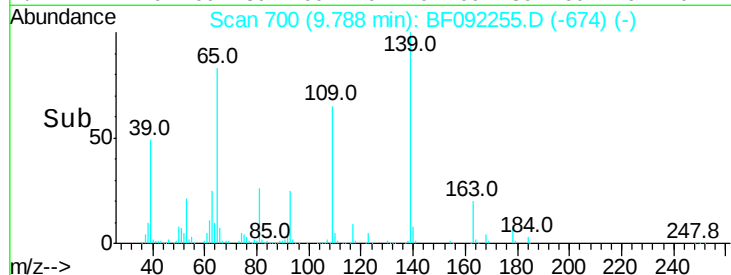
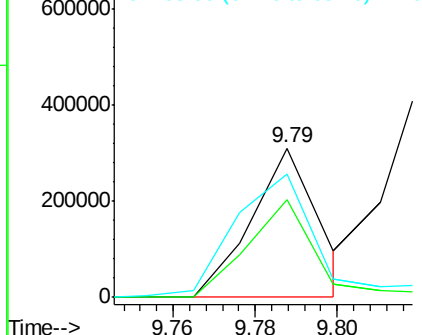
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 42.95 ng/mL

RT: 9.82 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tgt Ion:165 Resp: 294931

Ion Ratio Lower Upper

165 100

63 83.0 40.2 60.4#

89 106.4 62.5 93.7#

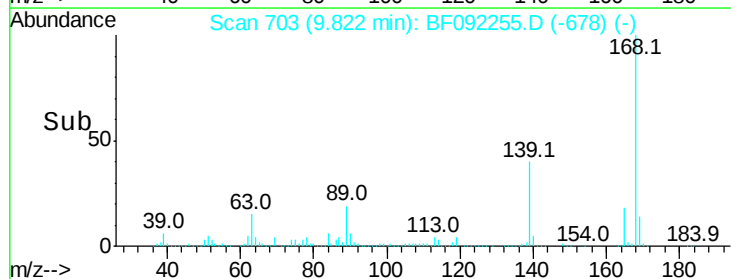
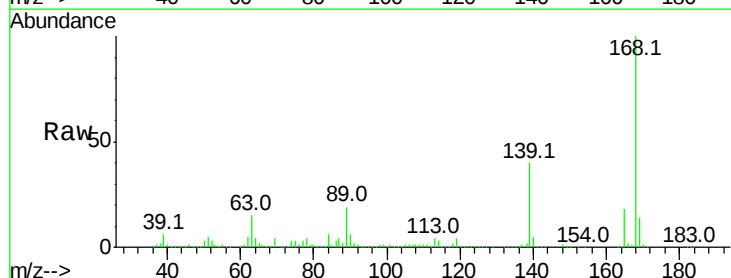
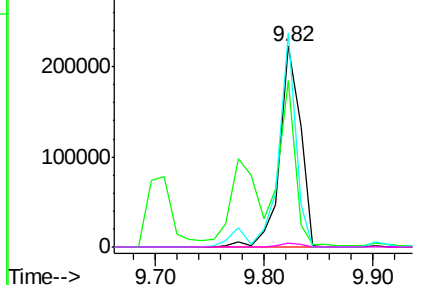
182 2.0 1.8 2.8

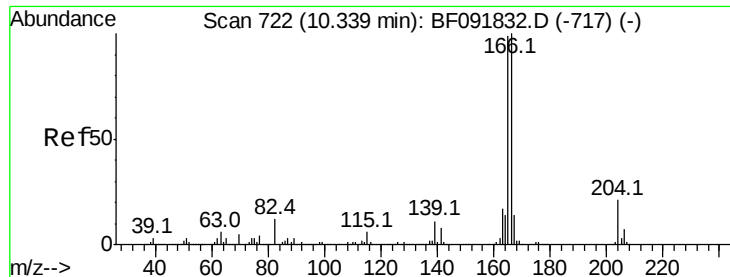
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.53 ng

RT: 10.16 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

Tot Ion:166 Resp: 1053564

Ion Ratio Lower Upper

166 100

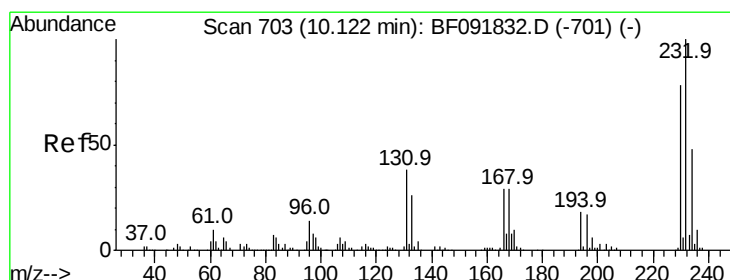
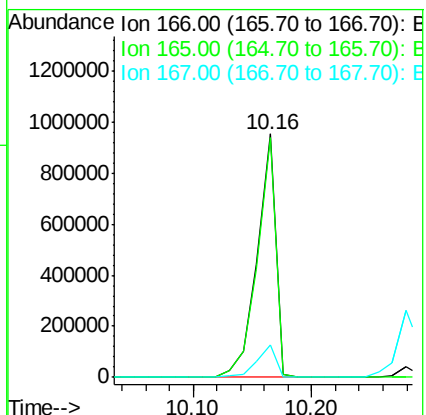
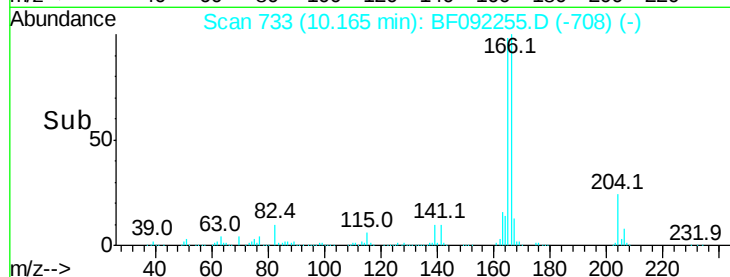
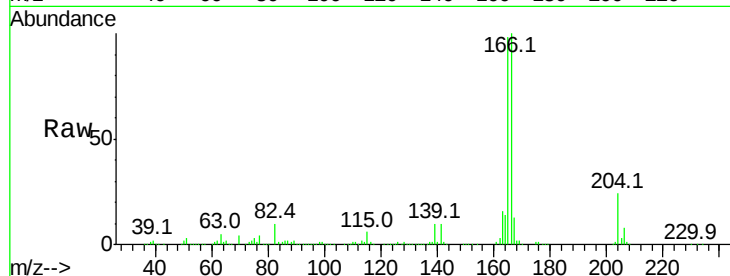
165 98.2 77.8 116.8

167 13.2 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.08 ng

RT: 9.95 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tgt Ion:232 Resp: 242095

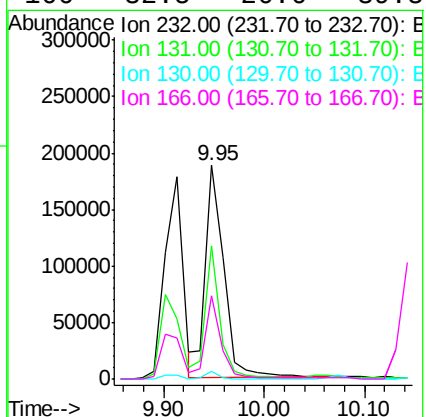
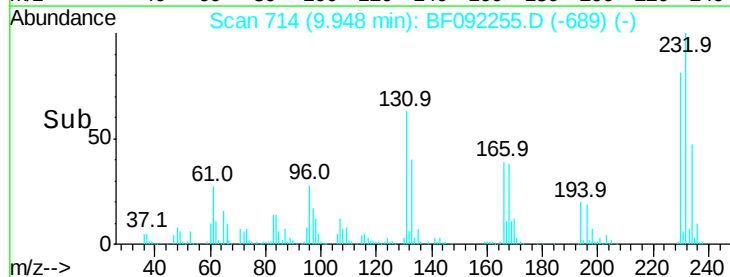
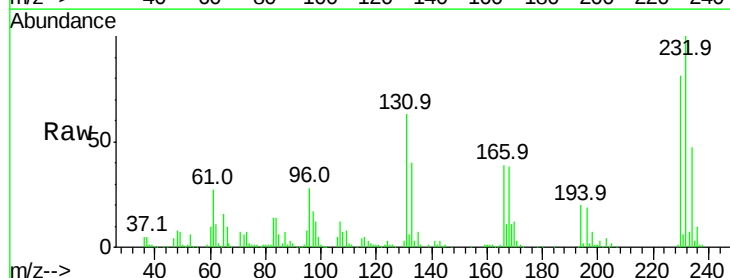
Ion Ratio Lower Upper

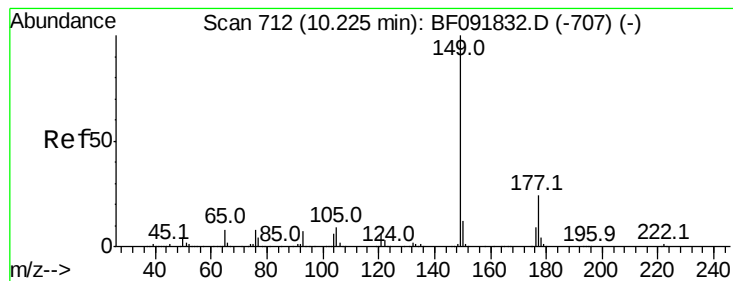
232 100

131 50.9 40.1 60.1

130 2.5 1.8 2.8

166 32.5 26.6 39.8





#59

Diethylphthalate

Concen: 46.18 ng

RT: 10.05 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

Tot Ion:149 Resp: 1120949

Ion Ratio Lower Upper

149 100

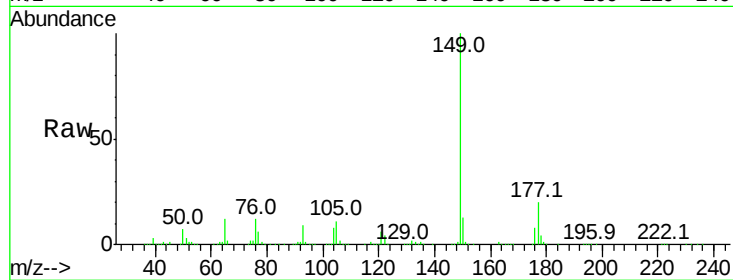
177 20.2 16.6 25.0

150 12.7 10.4 15.6

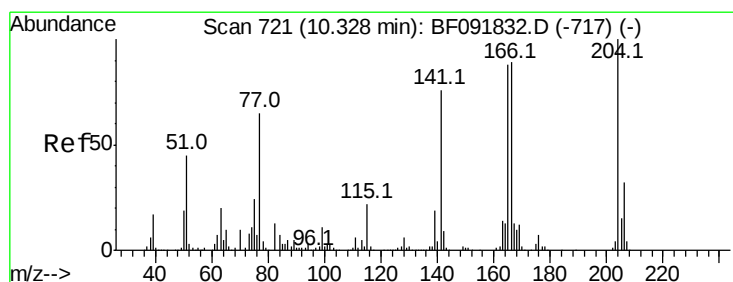
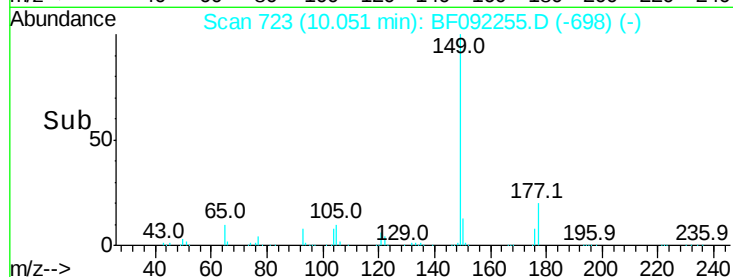
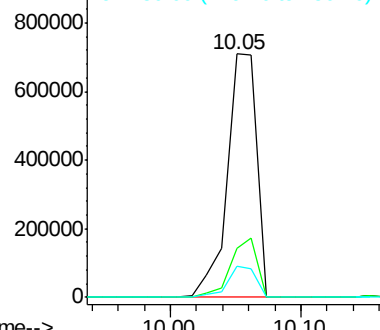
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.06 ng

RT: 10.15 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

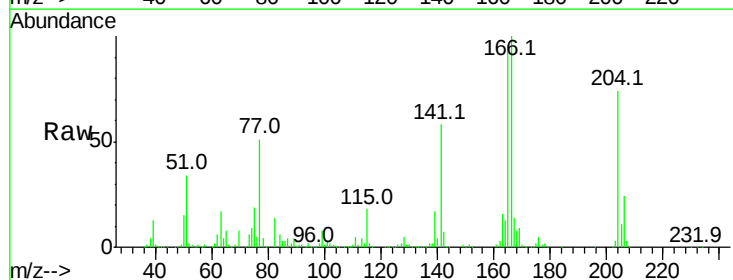
Tgt Ion:204 Resp: 418797

Ion Ratio Lower Upper

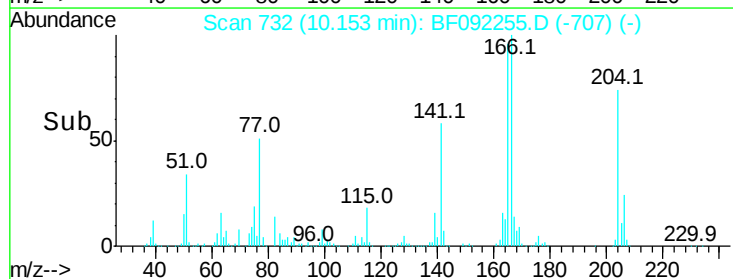
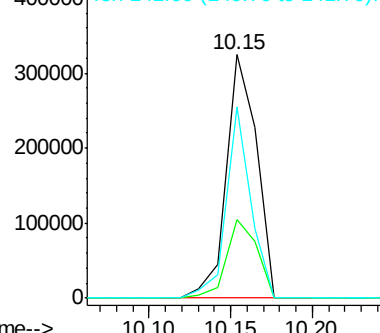
204 100

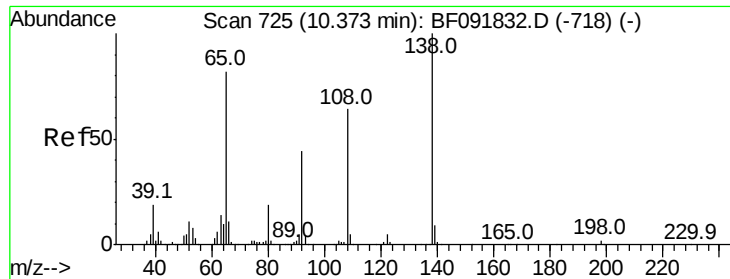
206 32.4 25.8 38.6

141 78.6 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





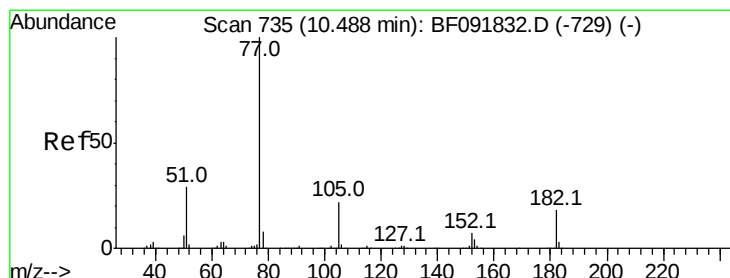
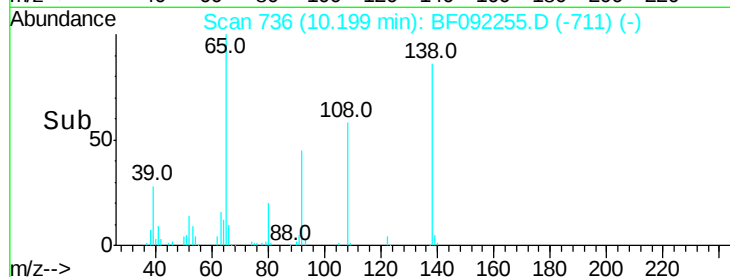
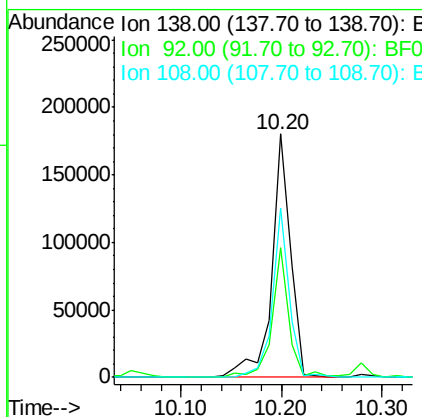
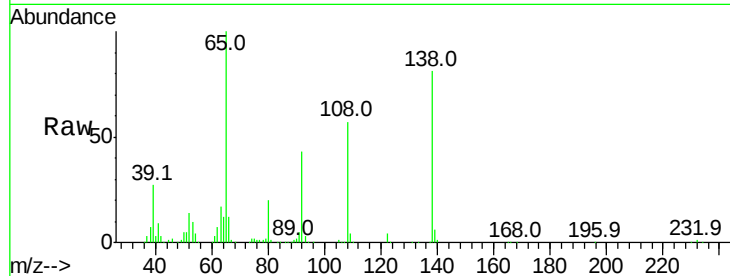
#61
4-Nitroaniline
Concen: 33.38 ng
RT: 10.20 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.3	31.7	71.7
108	69.8	52.6	92.6

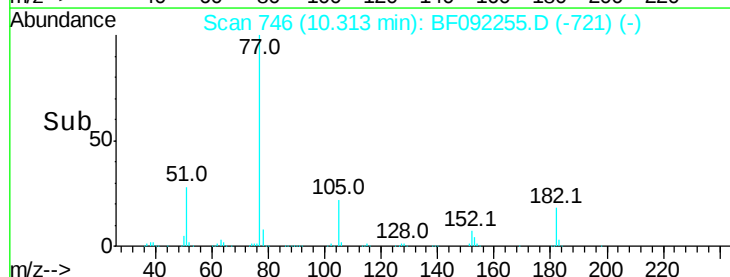
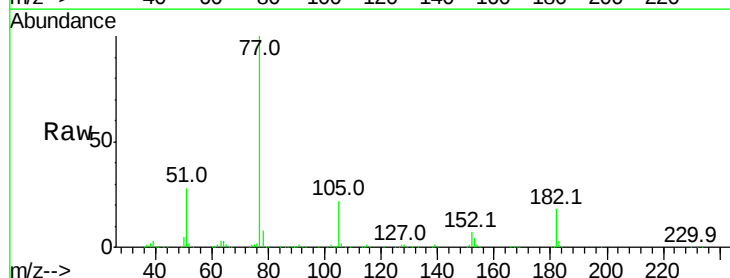
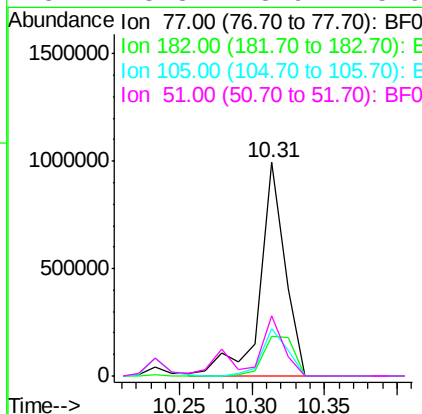
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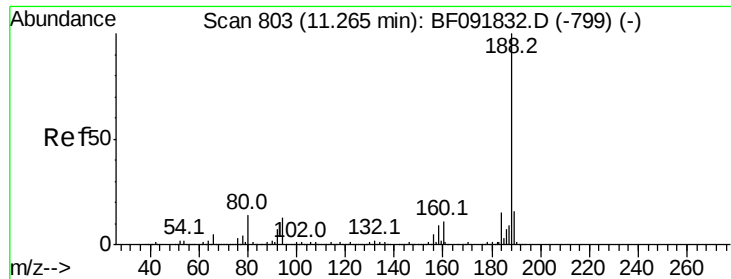
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#62
Azobenzene
Concen: 44.82 ng
RT: 10.31 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.4	0.0	39.3
105	22.4	2.3	42.3
51	28.3	8.9	48.9





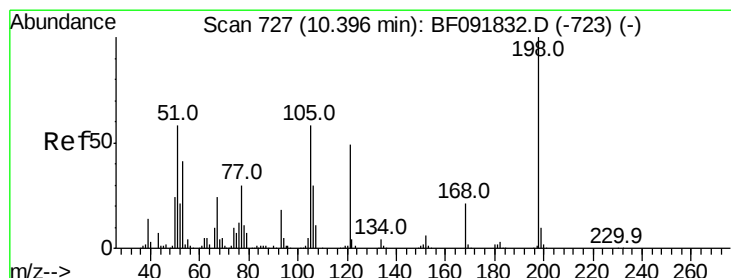
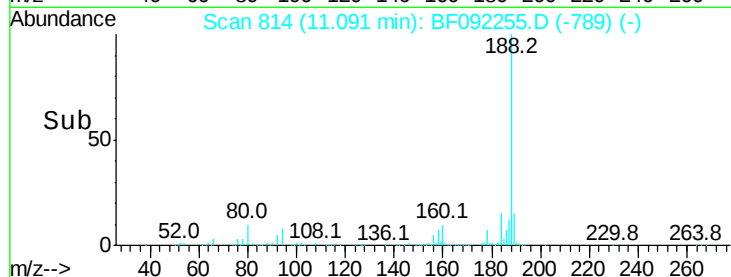
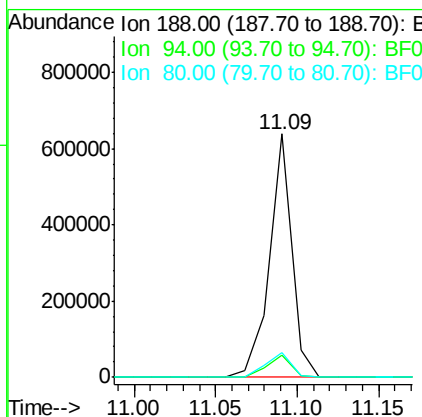
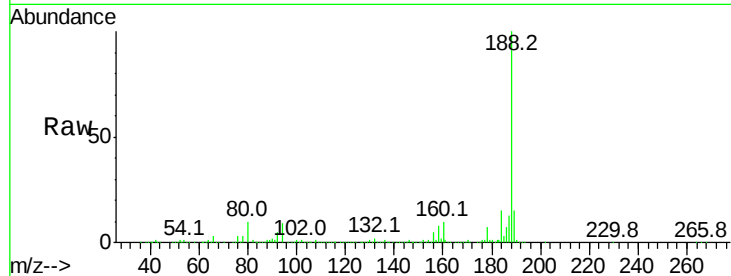
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	613536		
94	9.2	10.0	15.0#	
80	10.2	11.2	16.8#	

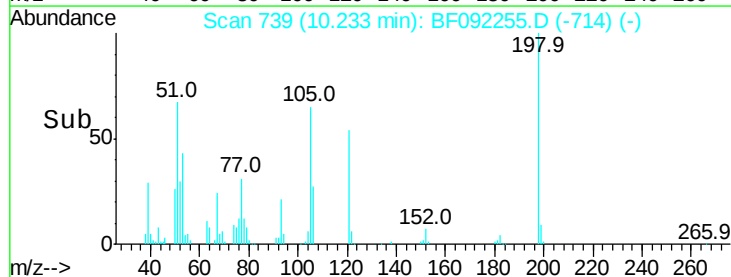
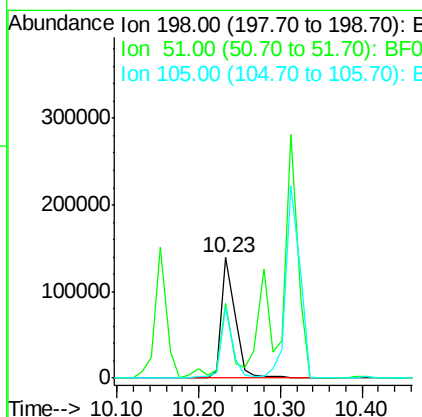
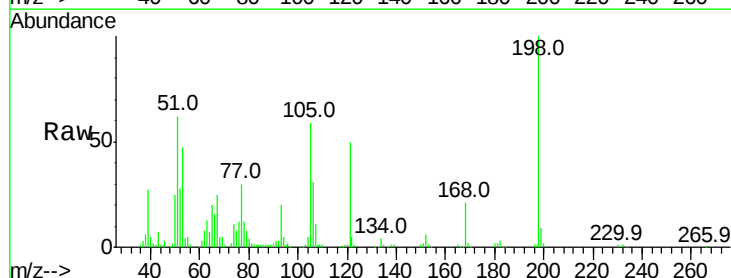
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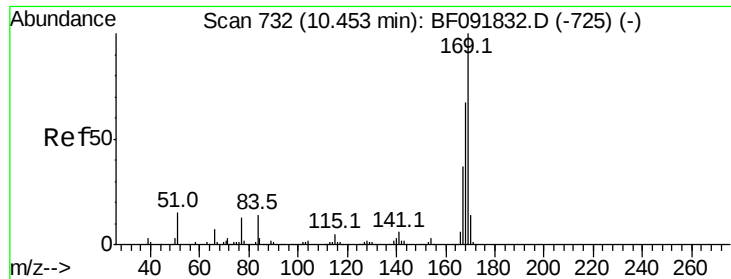
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.90 ng
RT: 10.23 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	162873		
51	61.9	6.7	46.7#	
105	59.1	16.6	56.6#	





#65

n-Nitrosodiphenylamine

Concen: 47.20 ng

RT: 10.28 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

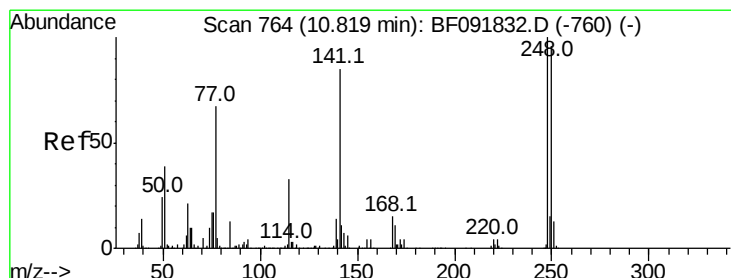
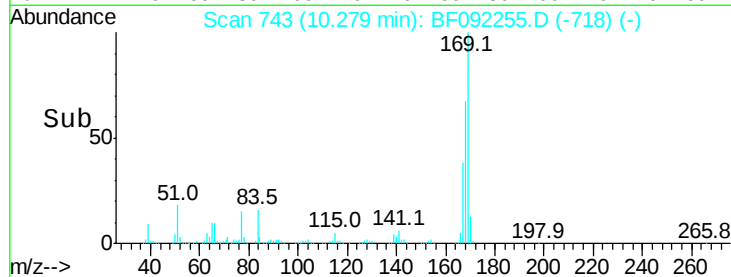
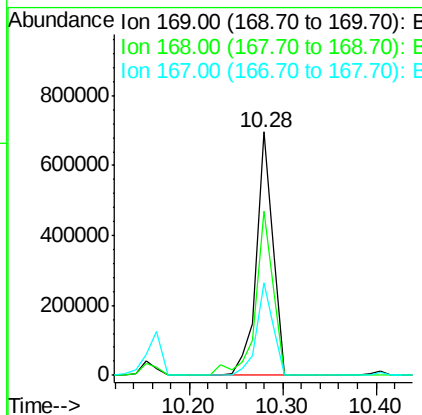
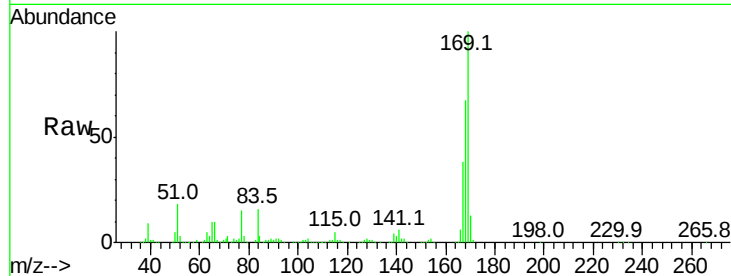
ClientSampleId :

PB95972BSD

Tot Ion:	169	Resp:	859291
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.2	81.2
167	37.8	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 48.30 ng

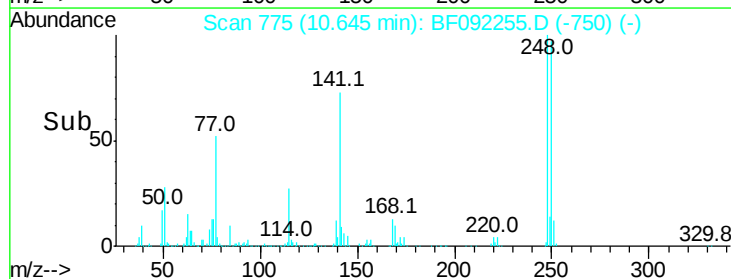
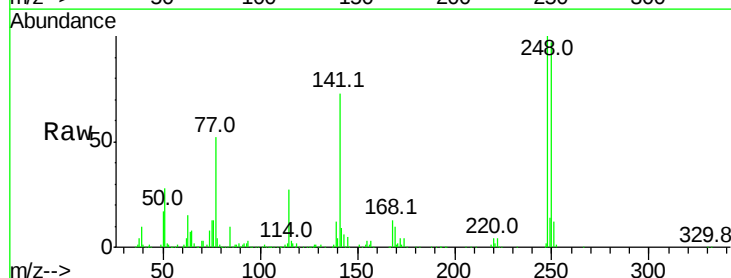
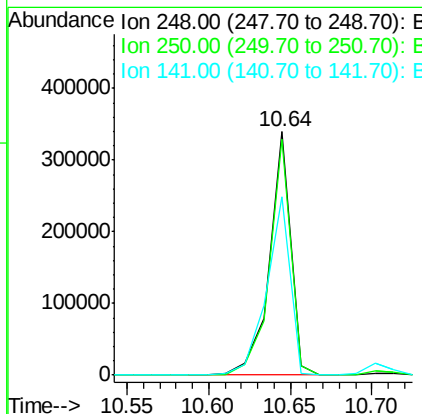
RT: 10.64 min Scan# 775

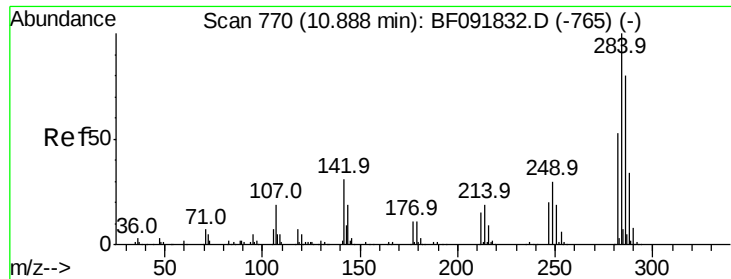
Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tgt Ion:	248	Resp:	308275
Ion Ratio	Lower	Upper	
248	100		
250	97.1	76.9	115.3
141	73.4	68.2	102.4





#67

Hexachlorobenzene

Concen: 48.30 ng

RT: 10.71 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

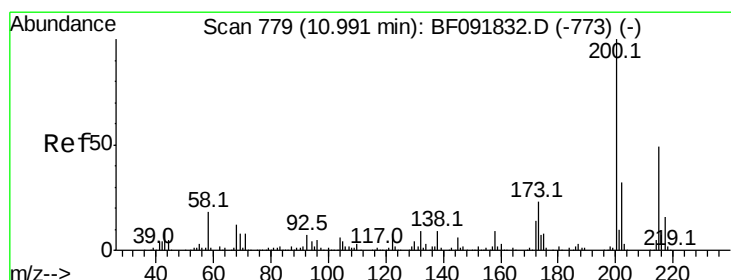
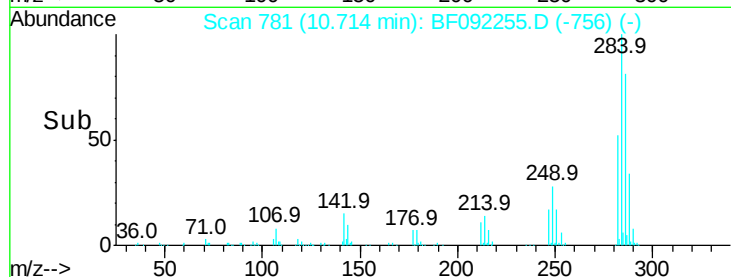
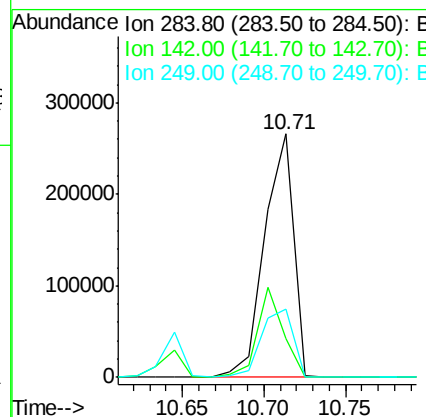
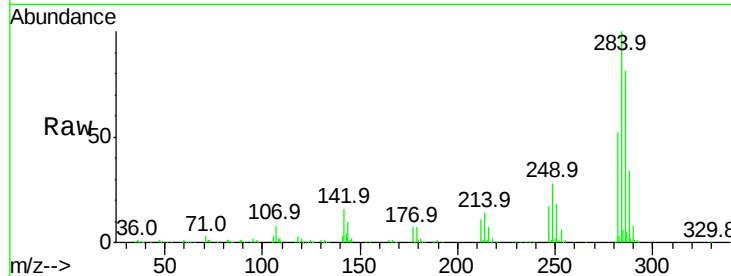
ClientSampleId :

PB95972BSD

Tot Ion:	284	Resp:	329521
Ion Ratio	Lower	Upper	
284	100		
142	15.7	22.6	33.8#
249	28.0	25.4	38.0

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#68

Atrazine

Concen: 45.40 ng

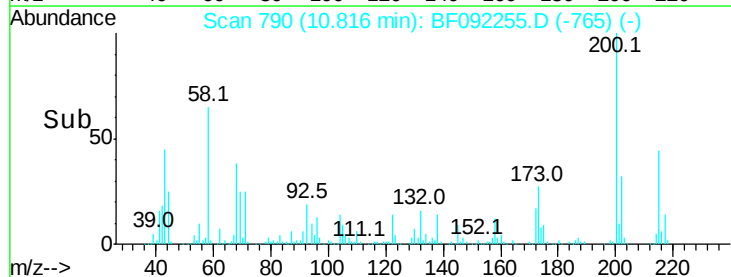
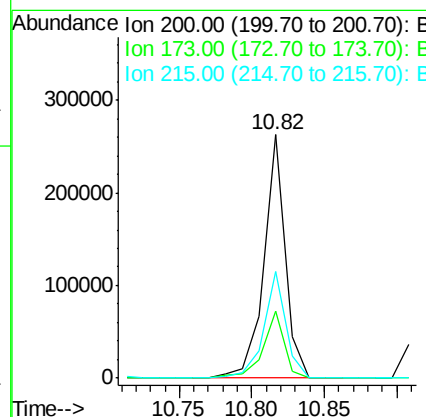
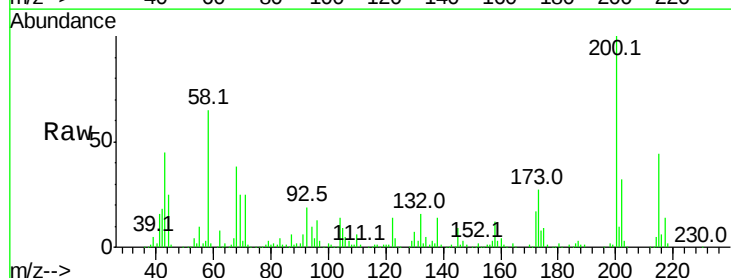
RT: 10.82 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tgt Ion:	200	Resp:	266625
Ion Ratio	Lower	Upper	
200	100		
173	27.4	9.6	49.6
215	44.0	25.7	65.7





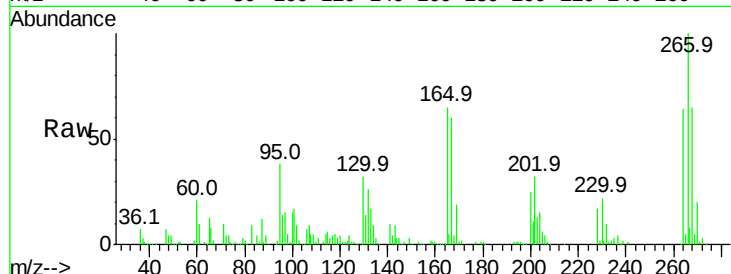
#69
 Pentachlorophenol
 Concen: 76.38 ng
 RT: 10.91 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

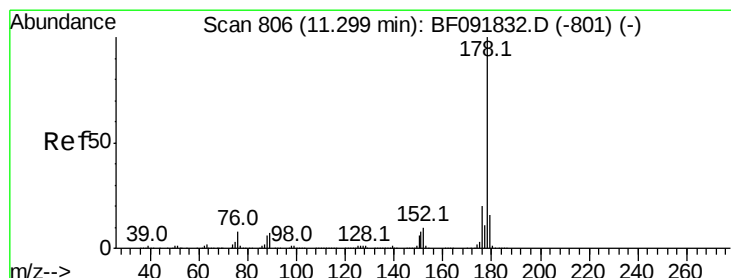
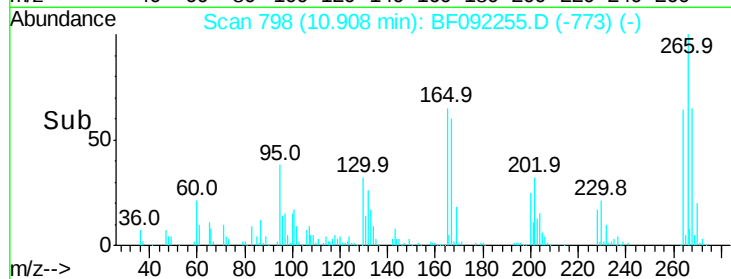
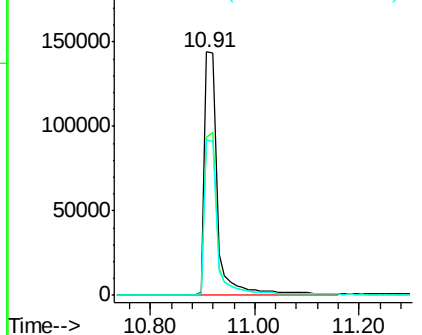
Tot Ion	Ratio	Resp	Lower	Upper
266	100	255675		
268	64.7	53.3	79.9	
264	63.7	50.3	75.5	

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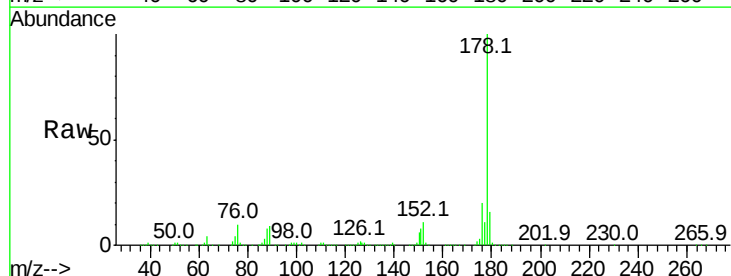


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

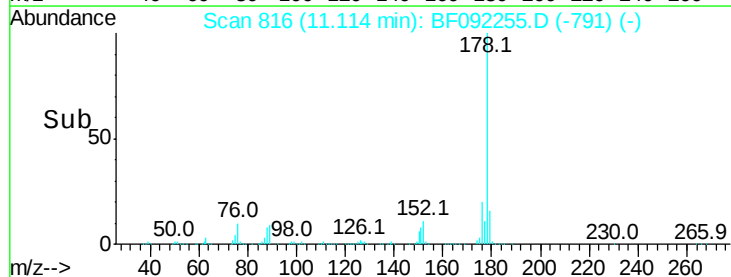
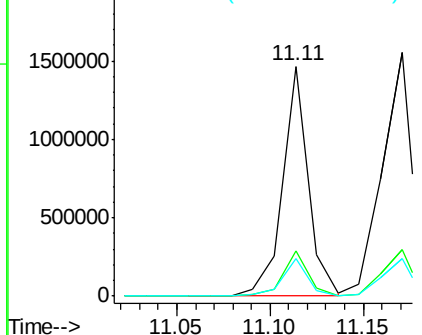


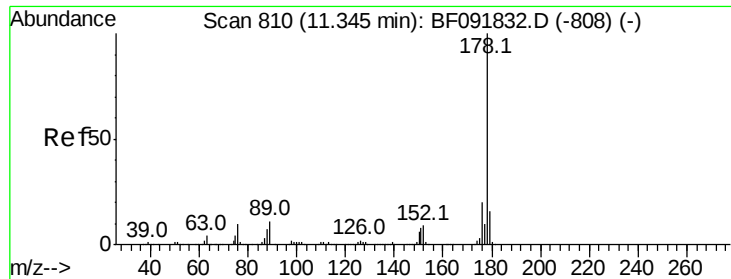
#70
 Phenanthrene
 Concen: 42.30 ng
 RT: 11.11 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1407262		
176	19.8	16.6	25.0	
179	16.3	12.8	19.2	



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





#71
 Anthracene
 Concen: 66.36 ng
 RT: 11.17 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

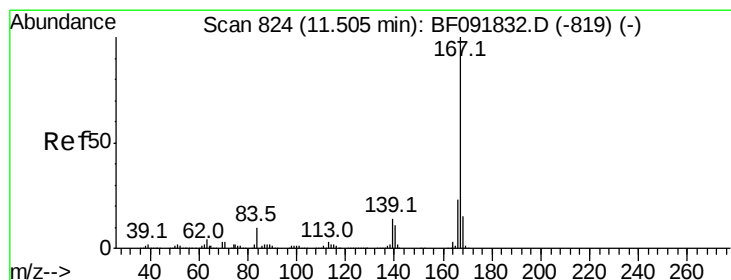
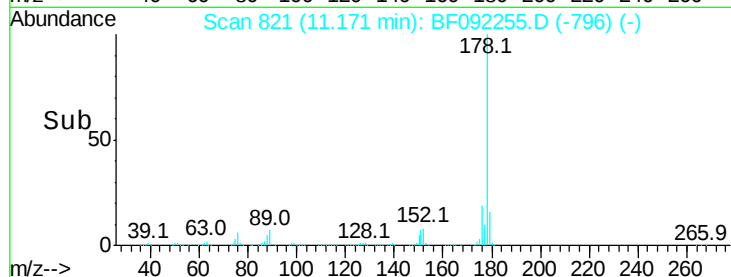
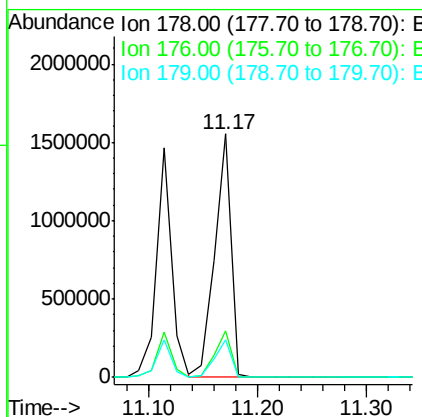
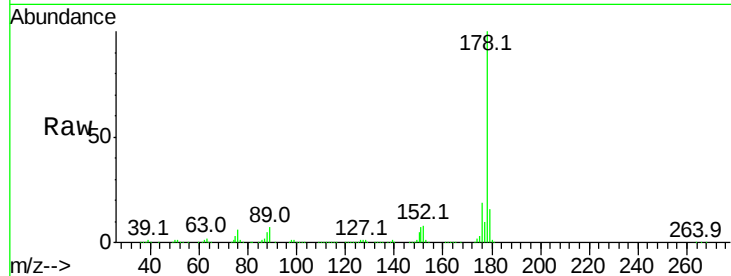
Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tot Ion:178 Resp: 1643131

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.5	13.2	19.8

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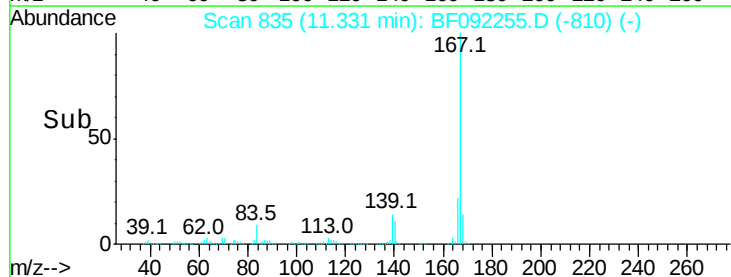
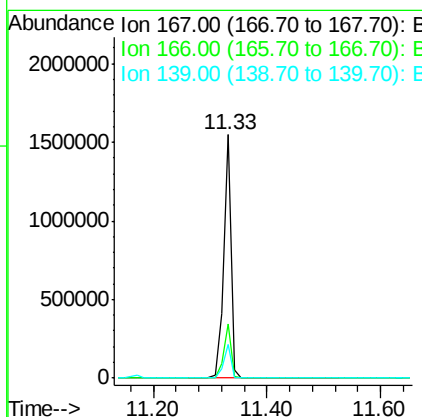
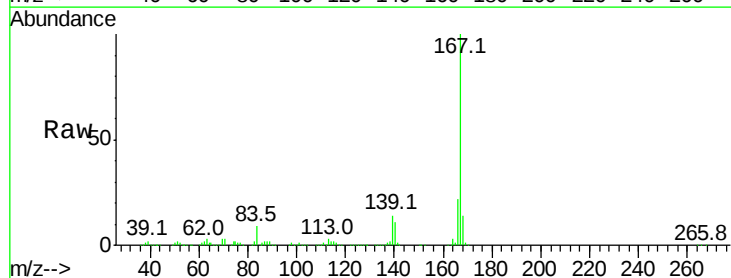
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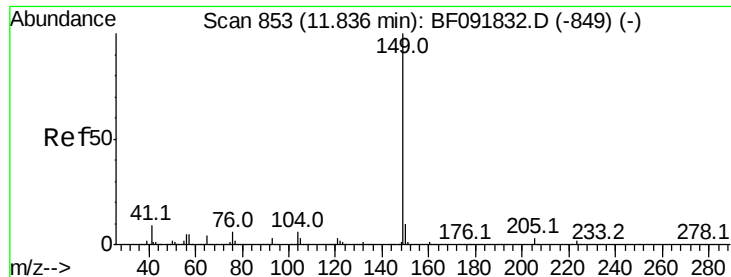


#72
 Carbazole
 Concen: 60.47 ng
 RT: 11.33 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion:167 Resp: 1402309

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.2
139	14.0	11.4	17.2





#73

Di-n-butylphthalate

Concen: 55.90 ng

RT: 11.66 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

Tot Ion:149 Resp: 1730757

Ion Ratio Lower Upper

149 100

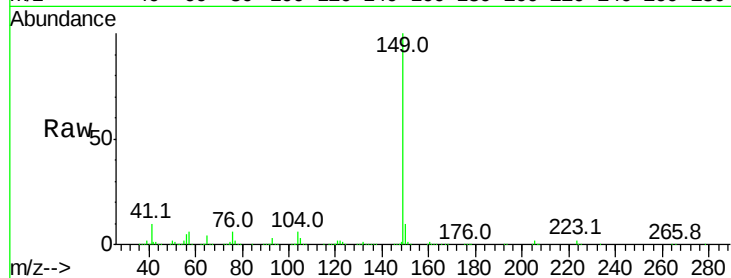
150 9.8 8.1 12.1

104 5.5 4.6 7.0

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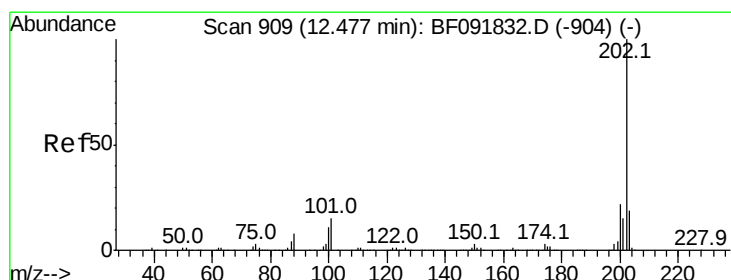
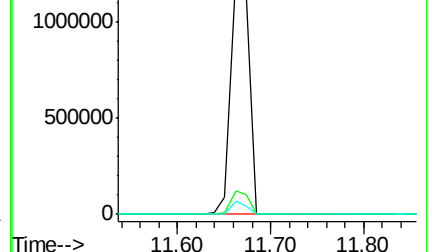
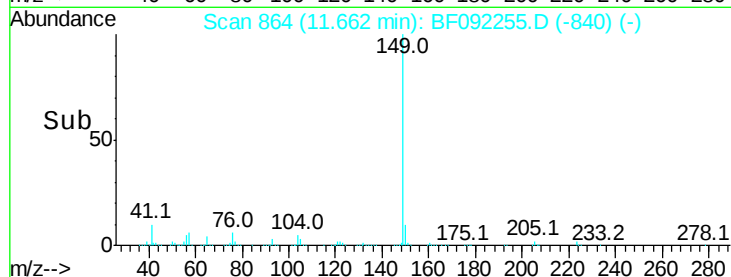
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 53.22 ng

RT: 12.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

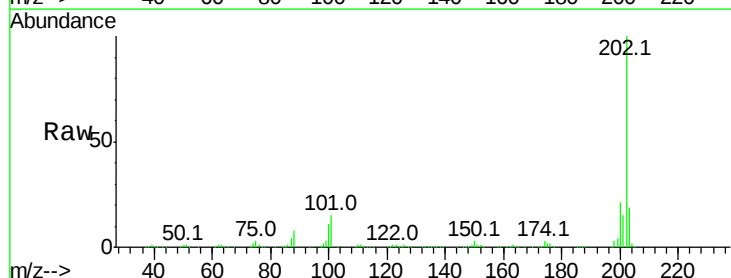
Tgt Ion:202 Resp: 1532826

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.6

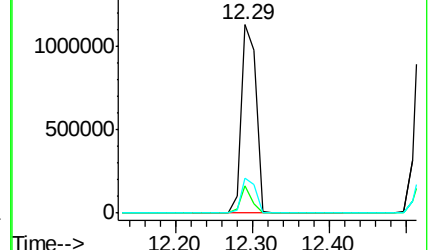
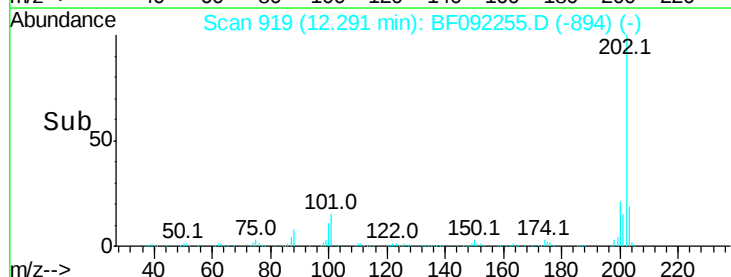
203 18.5 0.0 38.7

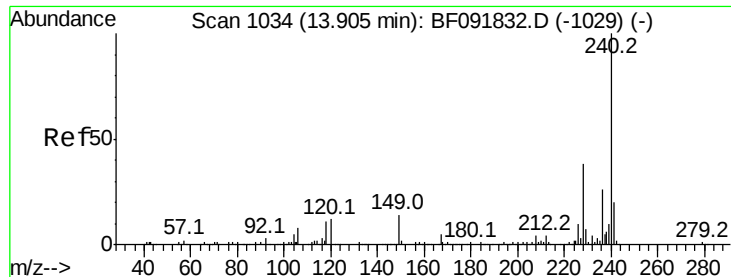


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





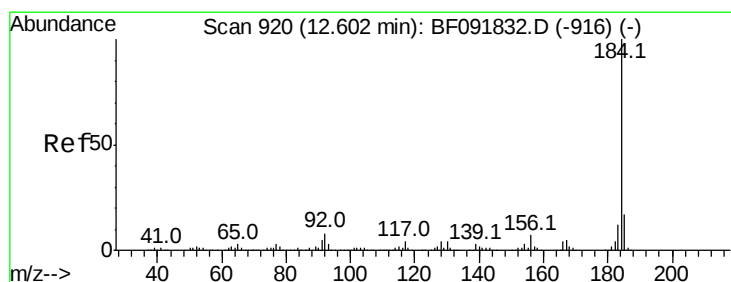
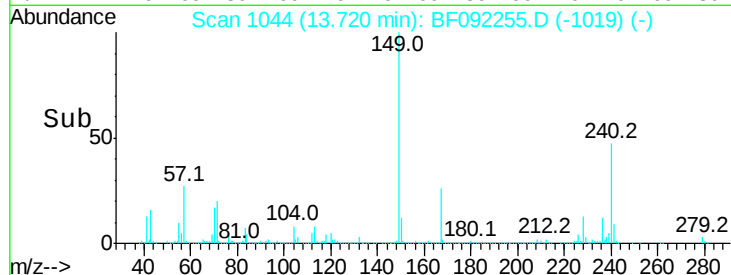
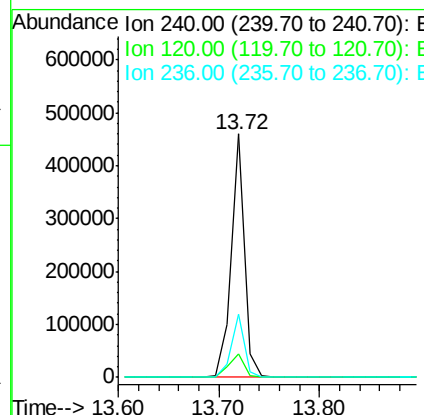
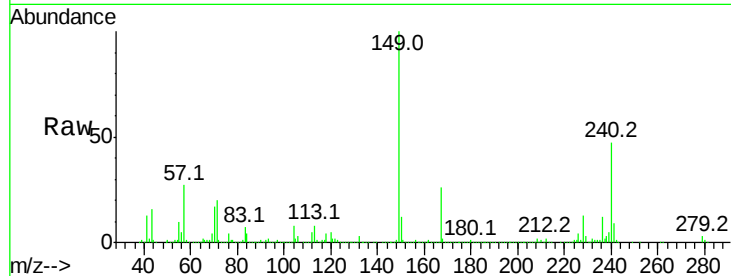
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.72 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	12.9	19.3#
236	25.7	20.9	31.3

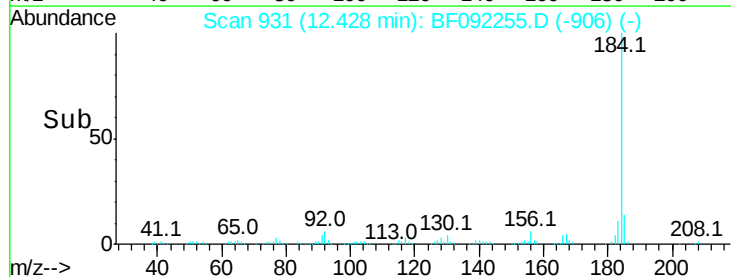
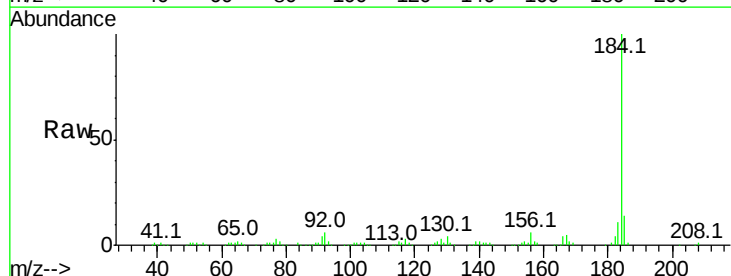
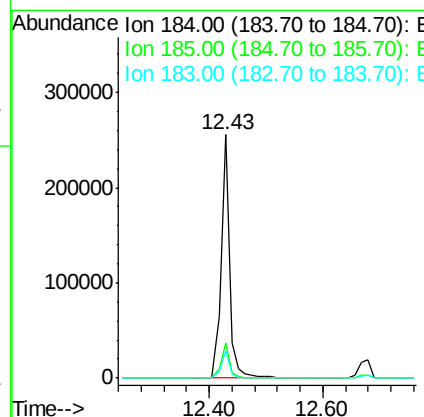
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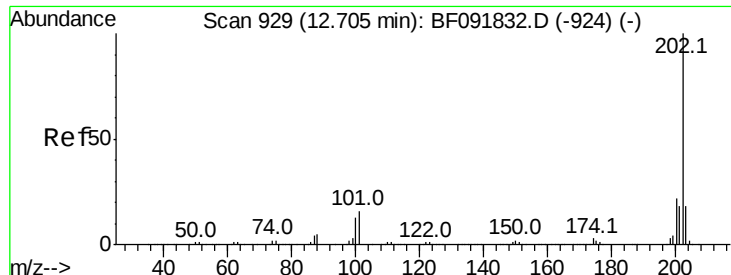
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#76
 Benzidine
 Concen: 21.51 ng
 RT: 12.43 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.4	20.0
183	11.4	9.2	13.8





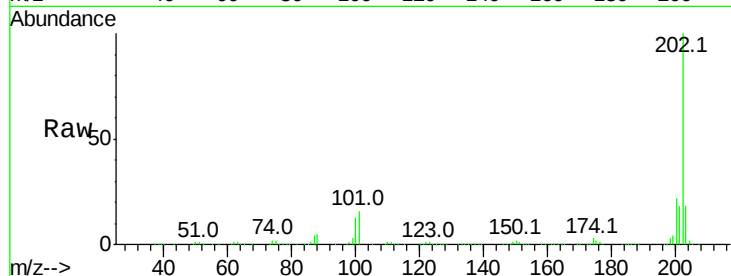
#77
Pvrene
Concen: 45.99 ng
RT: 12.52 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

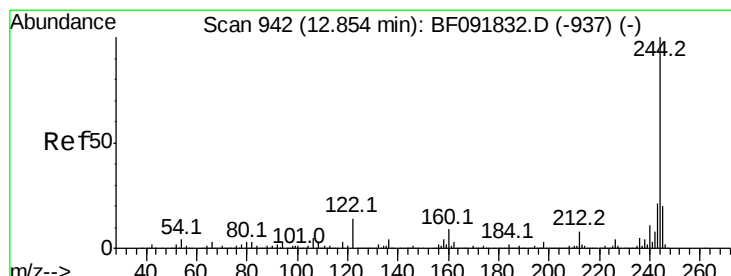
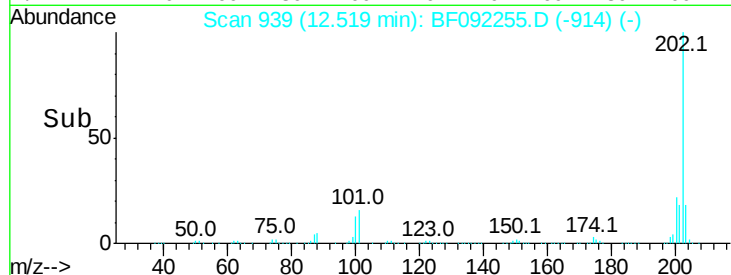
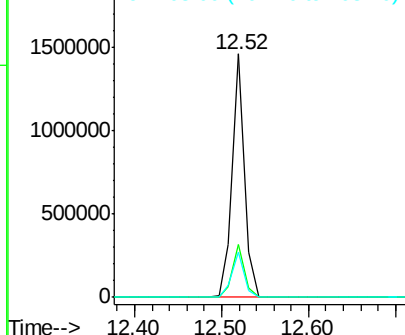
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.4	14.7	22.1

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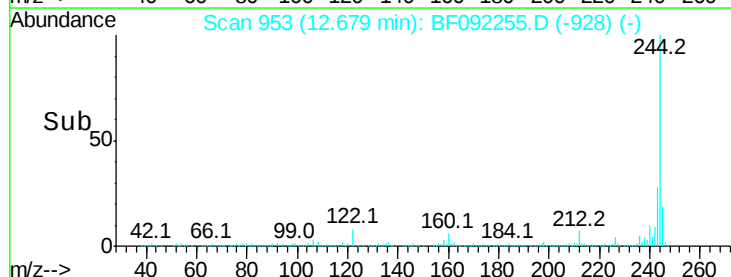
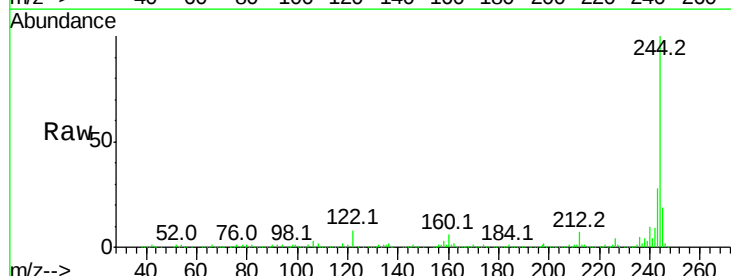
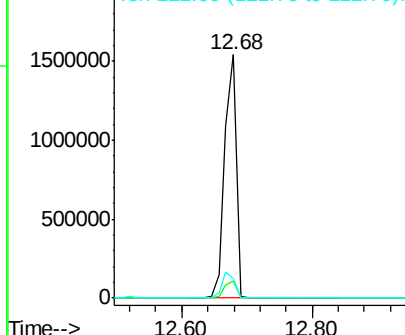
Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

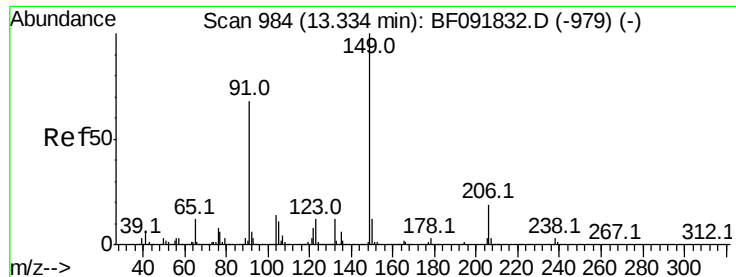


#78
Terphenyl-d14
Concen: 110.96 ng
RT: 12.68 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	8.1	11.4	17.2#

Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 54.24 ng

RT: 13.16 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

Tot Ion:149 Resp: 762157
Ion Ratio Lower Upper

149 100

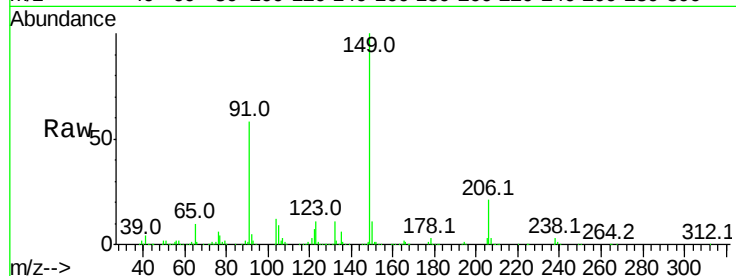
91 57.7 63.9 95.9#

206 20.8 14.6 21.8

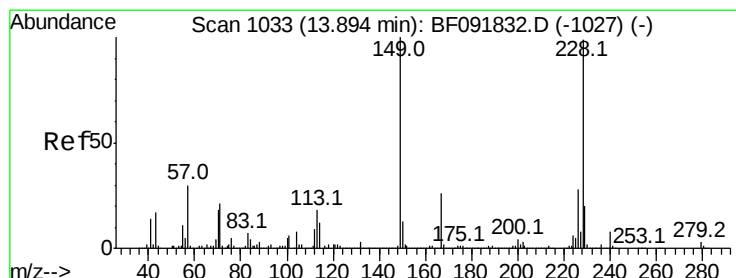
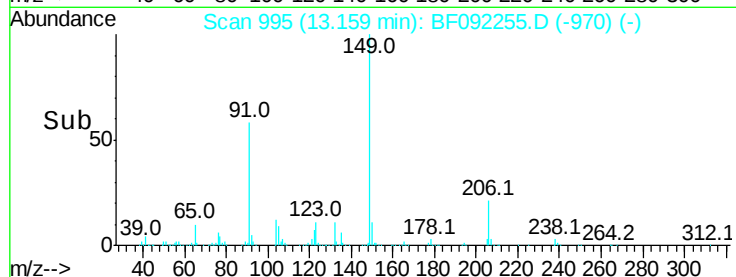
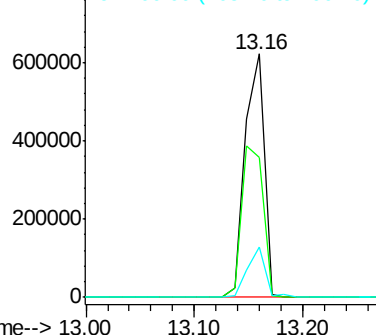
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 54.22 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF092255.D

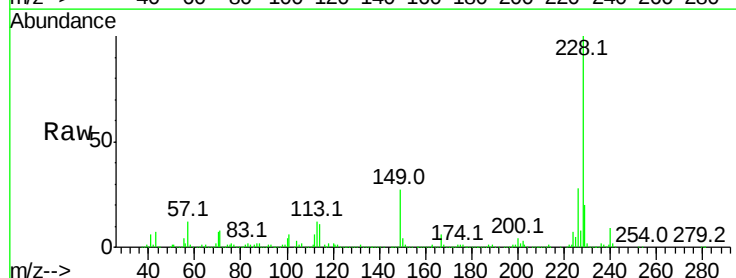
Acq: 13 Jan 2017 21:28

Tgt Ion:228 Resp: 1288775
Ion Ratio Lower Upper

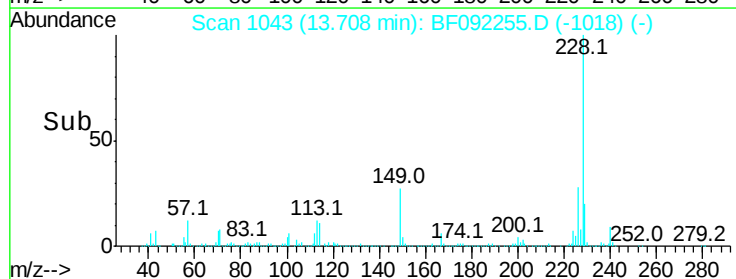
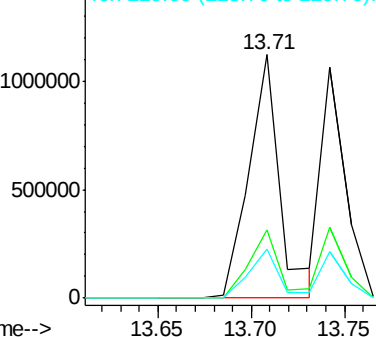
228 100

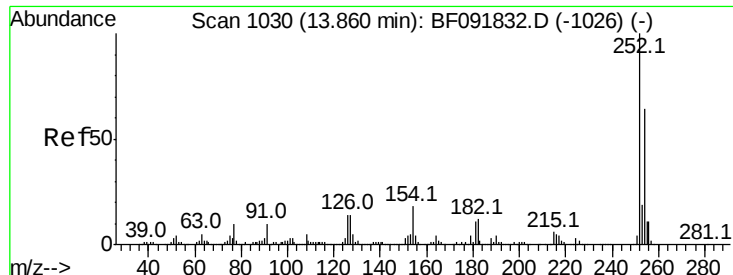
226 28.0 22.4 33.6

229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





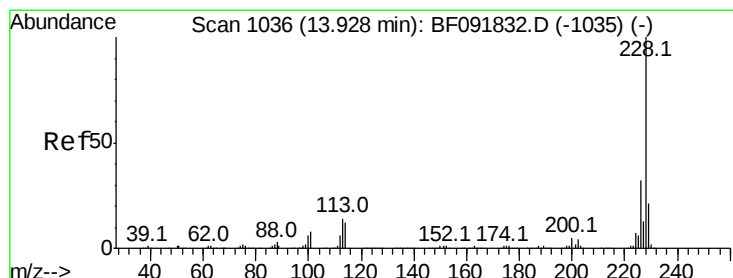
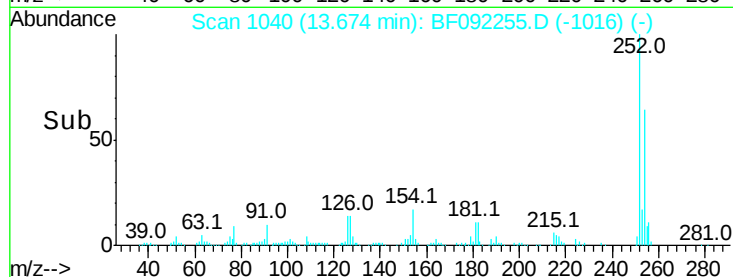
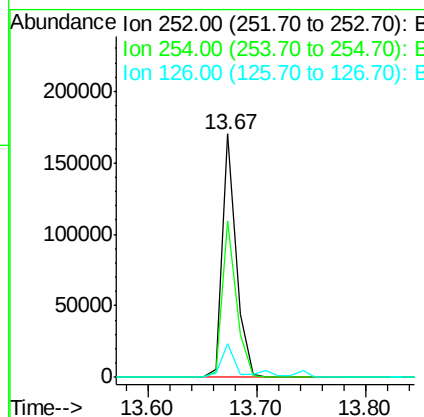
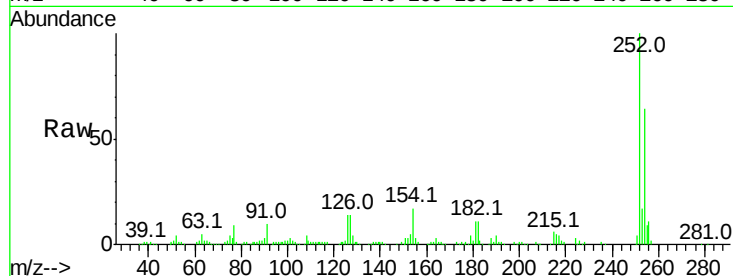
#81
 3,3'-Dichlorobenzidine
 Concen: 17.04 ng
 RT: 13.67 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	153622		
254	64.2	52.3	78.5	
126	13.9	13.6	20.4	

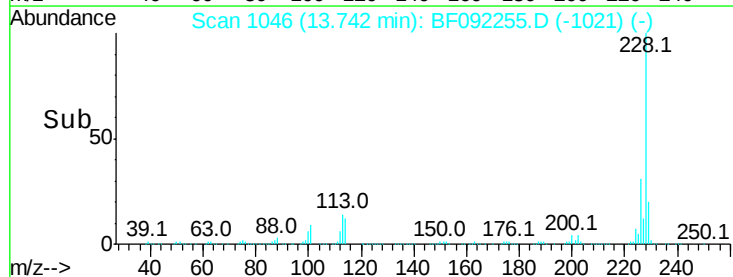
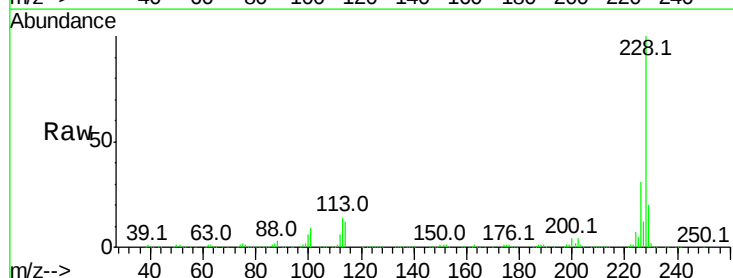
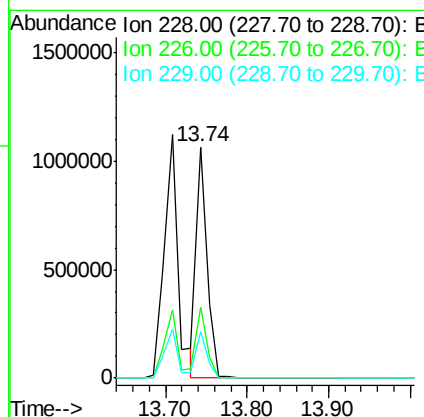
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#82
 Chrysene
 Concen: 41.04 ng
 RT: 13.74 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	978329		
226	30.5	25.4	38.0	
229	20.1	16.2	24.2	





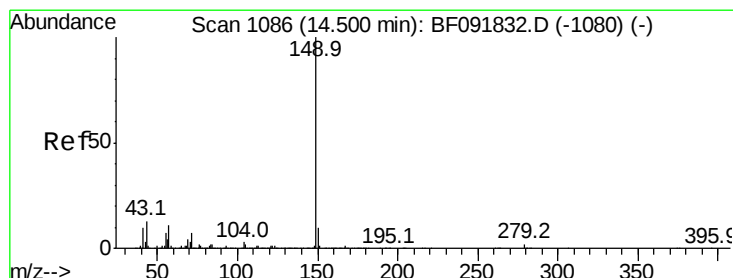
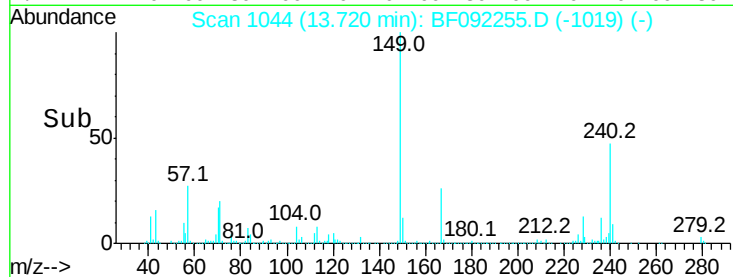
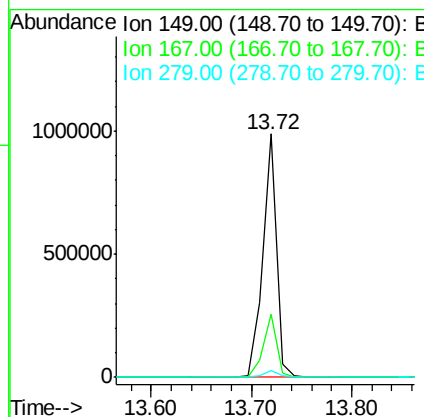
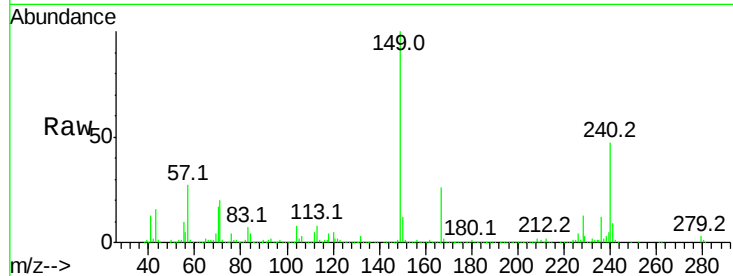
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.32 ng
 RT: 13.72 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.2	30.4
279	3.0	1.8	2.8

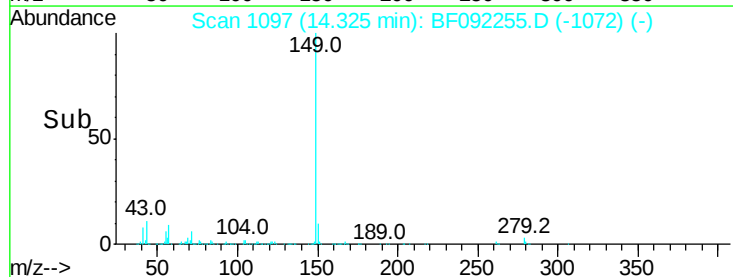
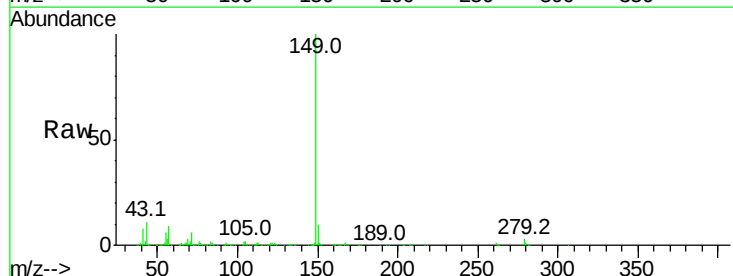
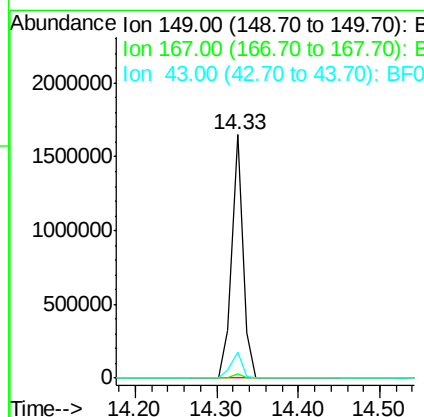
Manual Integrations
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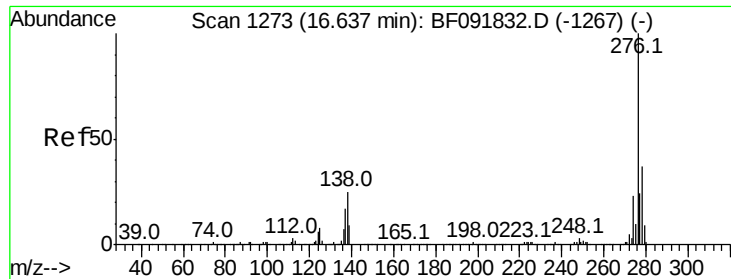
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#84
 Di-n-octyl phthalate
 Concen: 51.44 ng
 RT: 14.33 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.7	8.9	13.3





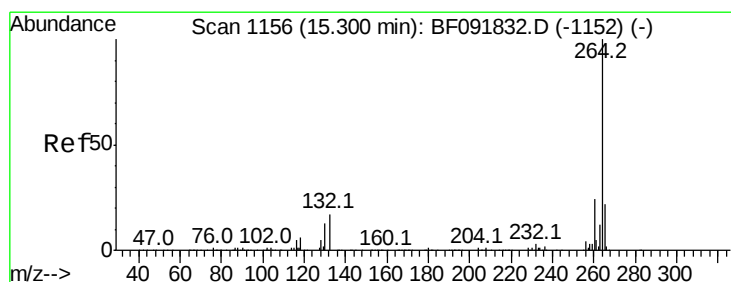
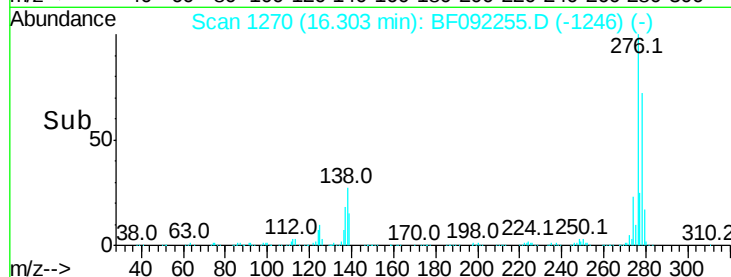
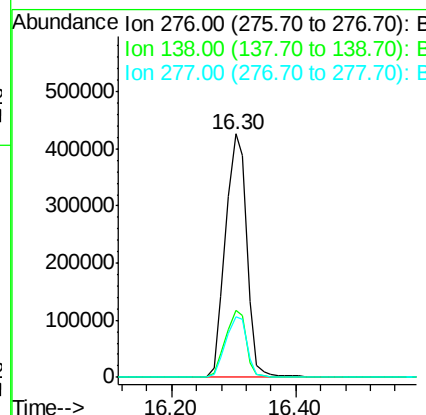
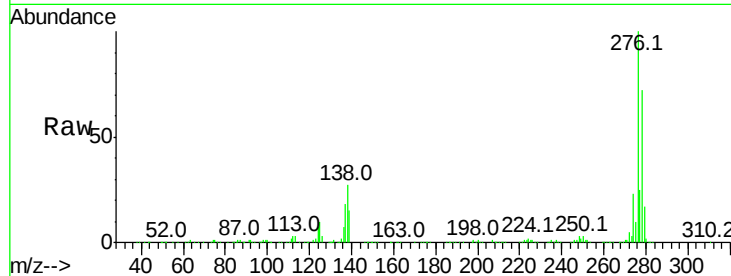
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.09 ng
RT: 16.30 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.8	32.6
277	25.1	20.2	30.4

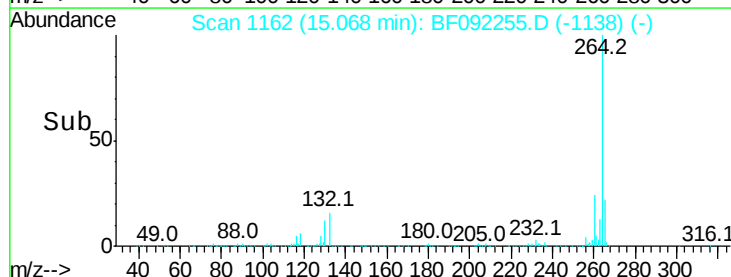
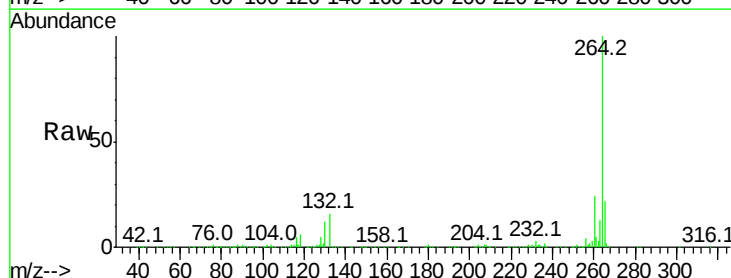
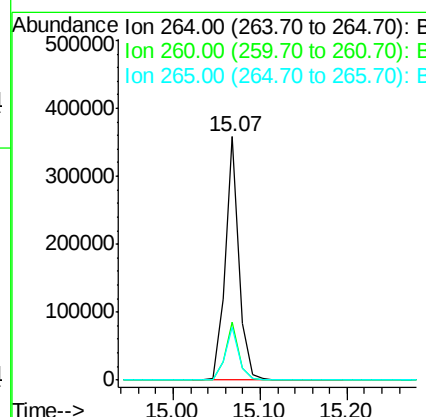
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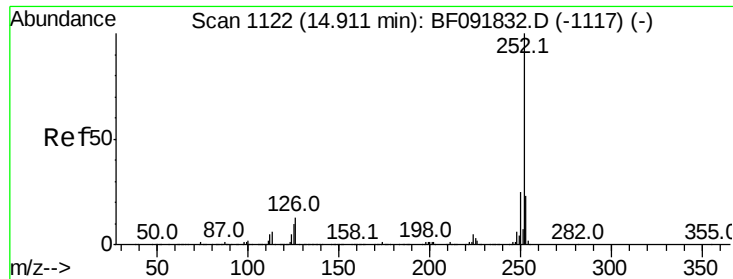
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 58.38 ng m

RT: 14.71 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

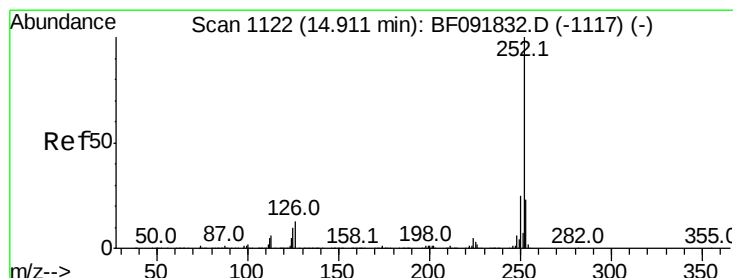
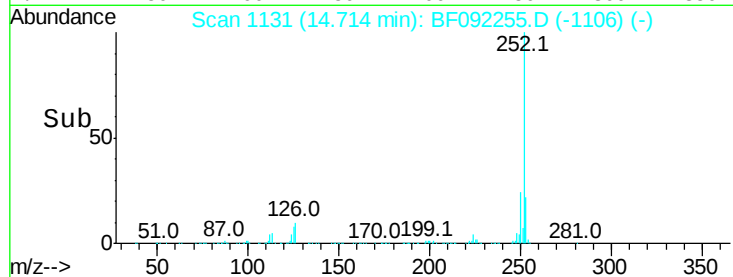
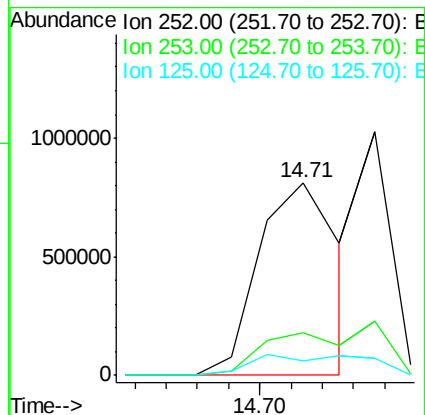
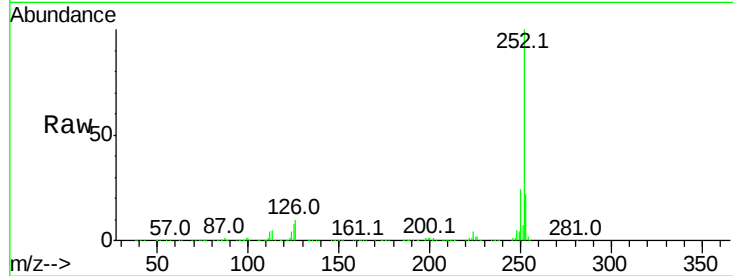
ClientSampleId :

PB95972BSD

Tot	Ion:252	Resp: 1440536	
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	7.7	9.8	14.6#

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#88

Benzo(k)fluoranthene

Concen: 35.57 ng m

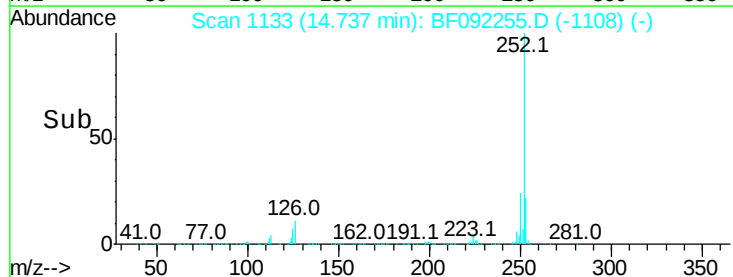
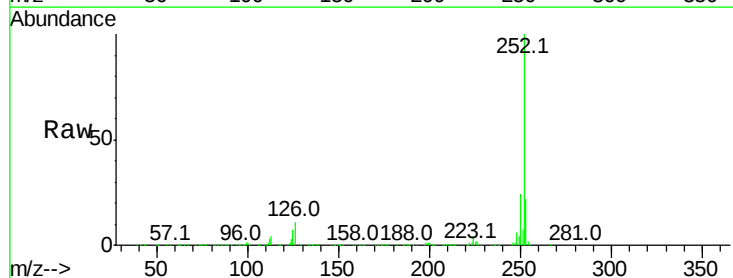
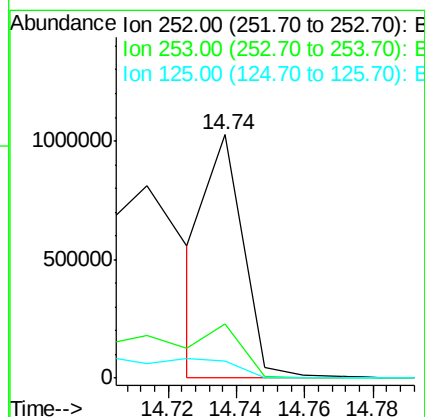
RT: 14.74 min Scan# 1133

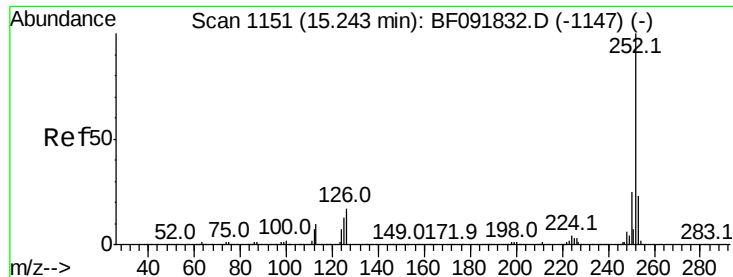
Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tgt	Ion:252	Resp:	748301
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	7.1	8.9	13.3#





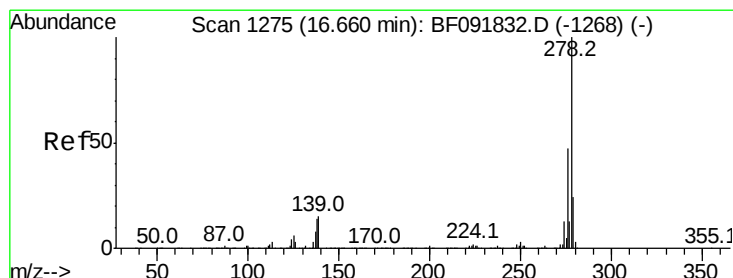
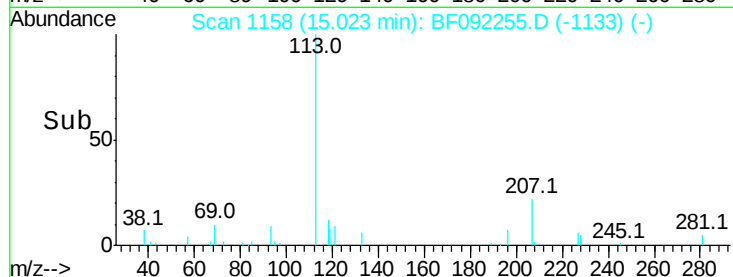
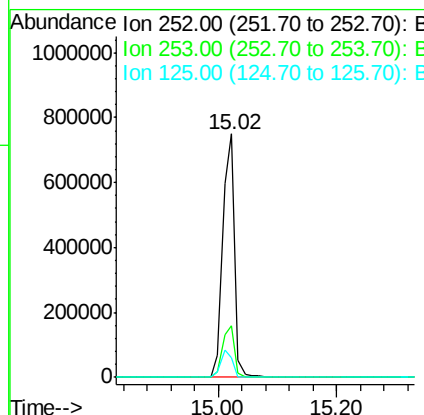
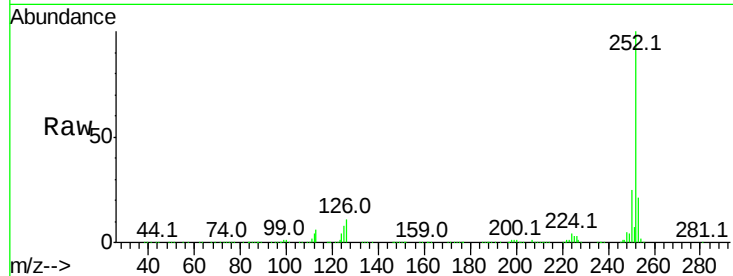
#89
Benzo(a)pyrene
Concen: 46.92 ng
RT: 15.02 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	8.1	10.0	15.0

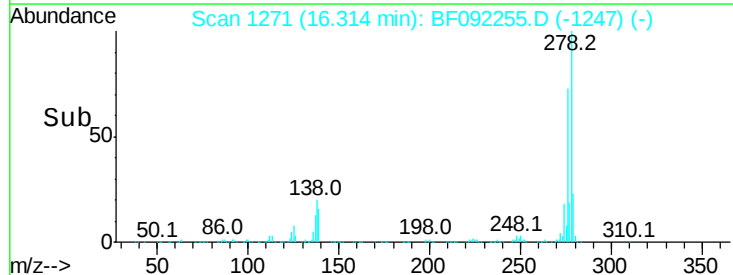
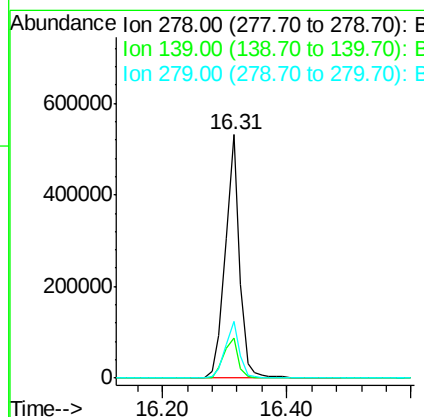
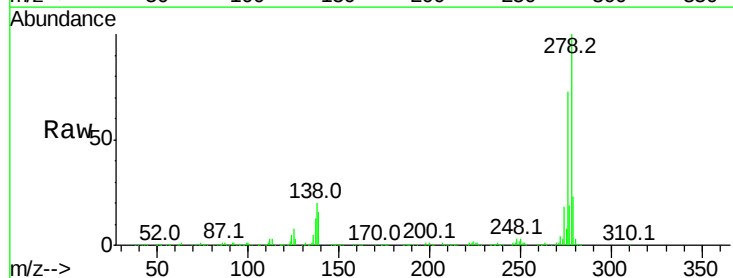
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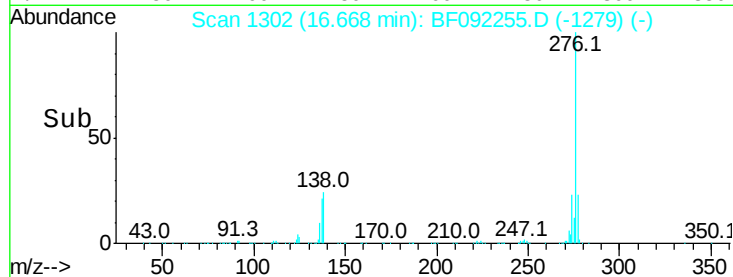
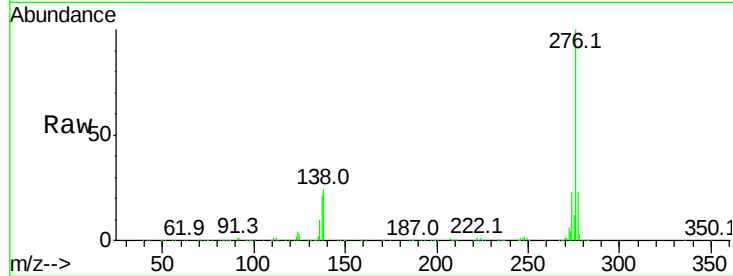
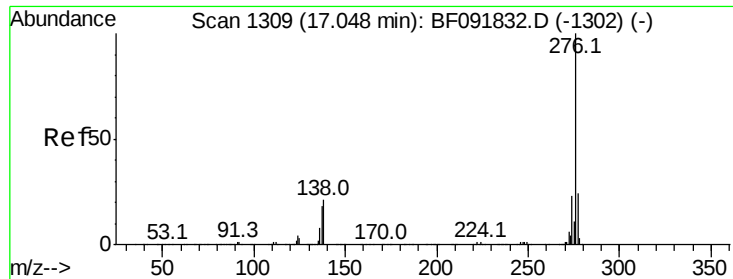
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#90
Dibenzo(a,h)anthracene
Concen: 46.62 ng
RT: 16.31 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.8	22.2
279	23.4	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 45.49 ng
 RT: 16.67 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.2	19.2	28.8
138	23.8	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 1/16/2017 8:39:22 AM

