

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092268.D
 Acq On : 14 Jan 2017 3:34
 Operator : UM/SJ
 Sample : I1147-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOD-SB-01-0-2MS

Manual Integrations
 APPROVED

Sohil
 1/16/2017 8:39:26 AM

Quant Time: Jan 16 03:05:07 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	206947	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	769352	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	328061	20.00	ng	-0.01
63) Phenanthrene-d10	11.09	188	450802	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	283222	20.00	ng	-0.01
86) Perylene-d12	15.07	264	302320	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1597242	128.87	ng	0.01
7) Phenol-d6	6.26	99	2141258	141.51	ng	0.00
23) Nitrobenzene-d5	7.15	82	1291140	93.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	300257	110.59	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1646953	106.06	ng	-0.01
78) Terphenyl-d14	12.67	244	1034517	88.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	222872	36.53	ng	95
3) Pyridine	2.70	79	481902	22.63	ng	96
4) n-Nitrosodimethylamine	2.66	42	272186	33.88	ng	94
6) Aniline	6.24	93	460403	23.43	ng	# 60
8) 2-Chlorophenol	6.37	128	512056	36.32	ng	92
9) Benzaldehyde	6.12	77	37144	3.06	ng	97
10) Phenol	6.27	94	778989	45.18	ng	# 64
11) bis(2-Chloroethyl)ether	6.32	93	541633	39.48	ng	97
12) 1,3-Dichlorobenzene	6.52	146	513751	34.14	ng	98
13) 1,4-Dichlorobenzene	6.59	146	611926m	39.95	ng	
14) 1,2-Dichlorobenzene	6.75	146	516272	38.84	ng	99
15) Benzyl Alcohol	6.74	79	410009	34.87	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	768058	37.59	ng	55
17) 2-Methylphenol	6.87	107	412799	36.41	ng	# 87
18) Hexachloroethane	7.09	117	201621	35.50	ng	# 88
19) n-Nitroso-di-n-propylamine	7.01	70	398547	39.59	ng	97
20) 3+4-Methylphenols	7.02	107	583151	43.12	ng	# 71
22) Acetophenone	7.00	105	785228	41.38	ng	# 92
24) Nitrobenzene	7.17	77	583869	39.62	ng	95
25) Isophorone	7.41	82	1055178	41.34	ng	95
26) 2-Nitrophenol	7.49	139	331571	45.63	ng	# 85
27) 2,4-Dimethylphenol	7.55	122	484271	40.18	ng	97
28) bis(2-Chloroethoxy)methane	7.63	93	703147	45.43	ng	99
29) 2,4-Dichlorophenol	7.74	162	465862	45.64	ng	92
30) 1,2,4-Trichlorobenzene	7.81	180	473506	42.34	ng	96
31) Naphthalene	7.89	128	1572228	44.65	ng	98
32) Benzoic acid	7.66	122	32143	3.60	ng	93
33) 4-Chloroaniline	7.95	127	268250	16.90	ng	97
34) Hexachlorobutadiene	8.00	225	211494	35.82	ng	99
35) Caprolactam	8.32	113	105709	31.52	ng	# 62
36) 4-Chloro-3-methylphenol	8.46	107	384932	32.78	ng	# 84
37) 2-Methylnaphthalene	8.58	142	829814	36.34	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	375866	45.35	ng	100
40) Hexachlorocyclopentadiene	8.74	237	79688	24.49	ng	99

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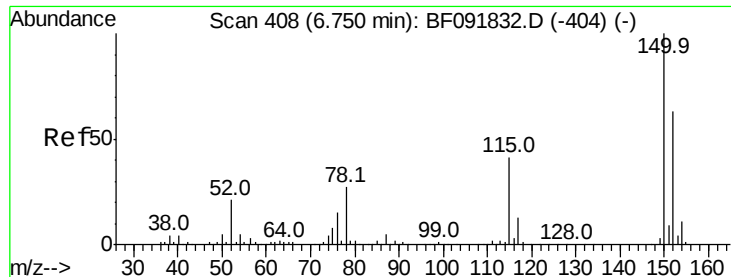
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	237706	41.01	nq	99
43) 2,4,5-Trichlorophenol	8.92	196	238478	39.98	nq	97
45) 1,1'-Biphenyl	9.04	154	1045196	46.53	nq	98
46) 2-Chloronaphthalene	9.07	162	776734	43.66	nq	99
47) 2-Nitroaniline	9.17	65	226604	35.78	nq	99
48) Acenaphthylene	9.48	152	1144360	41.83	nq	98
49) Dimethylphthalate	9.35	163	1061050	50.57	nq	98
50) 2,6-Dinitrotoluene	9.42	165	203663	44.35	nq	# 86
51) Acenaphthene	9.65	154	802901	43.29	nq	100
52) 3-Nitroaniline	9.58	138	152907	26.90	nq	98
53) 2,4-Dinitrophenol	9.71	184	34367	13.45	nq	# 85
54) Dibenzofuran	9.82	168	1031443	41.18	nq	96
55) 4-Nitrophenol	9.78	139	210781m	54.62	nq	
56) 2,4-Dinitrotoluene	9.82	165	224156	38.89	nq	# 85
57) Fluorene	10.16	166	799254	43.86	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	175330	37.16	nq	98
59) Diethylphthalate	10.05	149	811846	39.84	nq	99
60) 4-Chlorophenyl-phenylether	10.15	204	313589	39.30	nq	99
61) 4-Nitroaniline	10.20	138	196862	33.43	nq	93
62) Azobenzene	10.31	77	874073	38.96	nq	98
64) 4,6-Dinitro-2-methylphenol	10.23	198	66682	24.46	nq	83
65) n-Nitrosodiphenylamine	10.28	169	656060	49.04	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	219301	46.77	nq	# 84
67) Hexachlorobenzene	10.70	284	197909	39.48	nq	# 71
68) Atrazine	10.82	200	199716	46.28	nq	98
69) Pentachlorophenol	10.91	266	153197	62.29	nq	97
70) Phenanthrene	11.11	178	1322053	54.08	nq	99
71) Anthracene	11.17	178	1141857	58.82	nq	97
72) Carbazole	11.33	167	964270	50.85	nq	97
73) Di-n-butylphthalate	11.67	149	1135301	49.42	nq	# 96
74) Fluoranthene	12.29	202	1421748	68.27	nq	100
76) Benzidine	12.43	184	157886	18.41	nq	96
77) Pyrene	12.52	202	1225606	58.98	nq	99
79) Butylbenzylphthalate	13.15	149	386589	40.90	nq	93
80) Benzo(a)anthracene	13.71	228	1021915	63.92	nq	99
81) 3,3'-Dichlorobenzidine	13.67	252	204079	33.66	nq	95
82) Chrysene	13.74	228	729106	45.47	nq	98
83) Bis(2-ethylhexyl)phthalate	13.72	149	557440	50.08	nq	# 97
84) Di-n-octyl phthalate	14.33	149	937950	45.49	nq	99
85) Indeno(1,2,3-cd)pyrene	16.31	276	850195	61.20	nq	99
87) Benzo(b)fluoranthene	14.71	252	1129249m	60.00	nq	
88) Benzo(k)fluoranthene	14.74	252	631824m	39.37	nq	
89) Benzo(a)pyrene	15.02	252	857711	51.34	nq	98
90) Dibenzo(a,h)anthracene	16.31	278	664822	48.42	nq	98
91) Benzo(g,h,i)perylene	16.68	276	709200	49.67	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

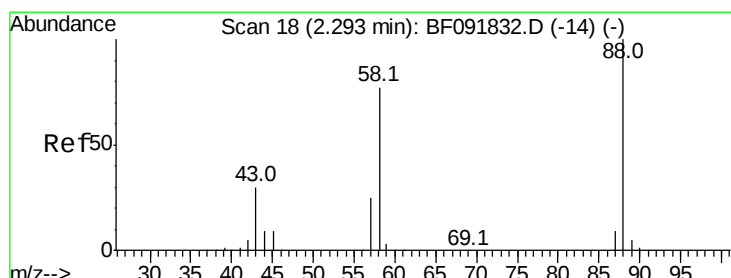
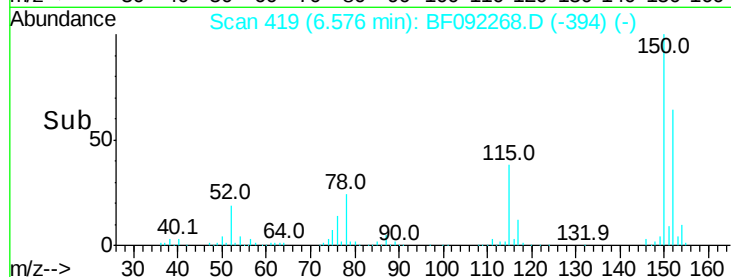
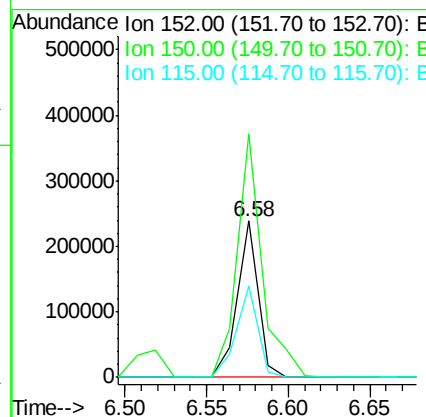
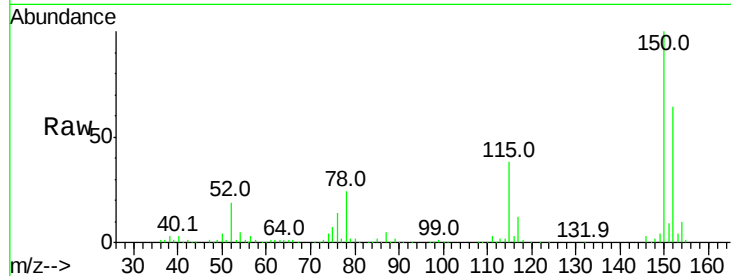
ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion:	152	Resp:	206947
Ion Ratio	Lower	Upper	
152	100		
150	155.8	124.9	187.3
115	58.6	46.0	69.0

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#2

1,4-Dioxane

Concen: 36.53 ng

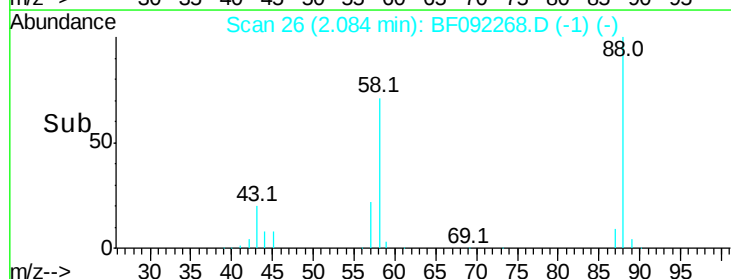
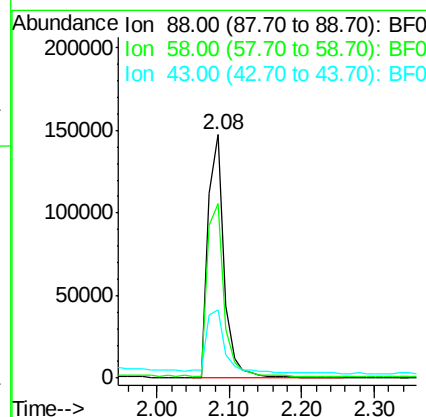
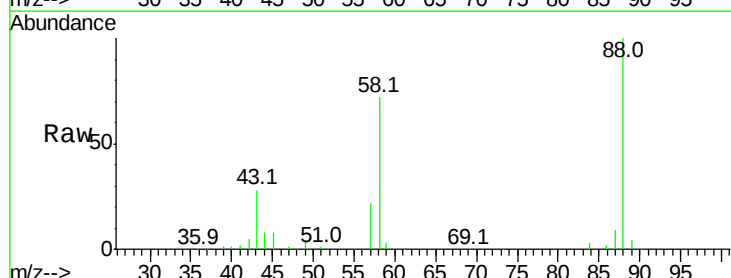
RT: 2.08 min Scan# 26

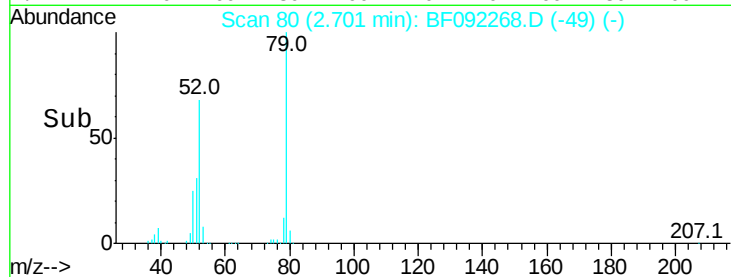
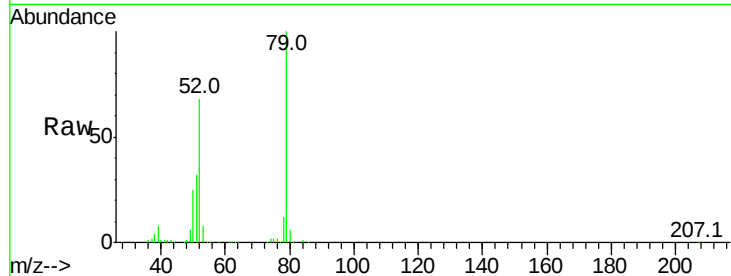
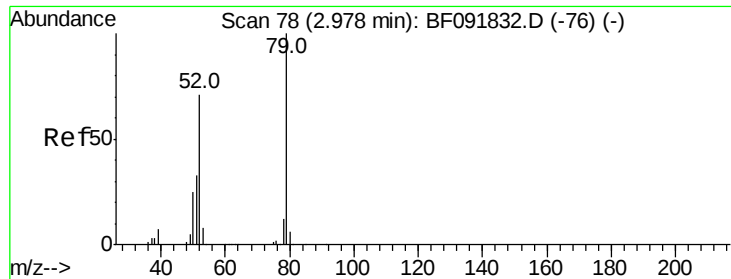
Delta R.T. 0.07 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Tgt Ion:	88	Resp:	222872
Ion Ratio	Lower	Upper	
88	100		
58	75.6	57.8	86.8
43	32.6	22.3	33.5





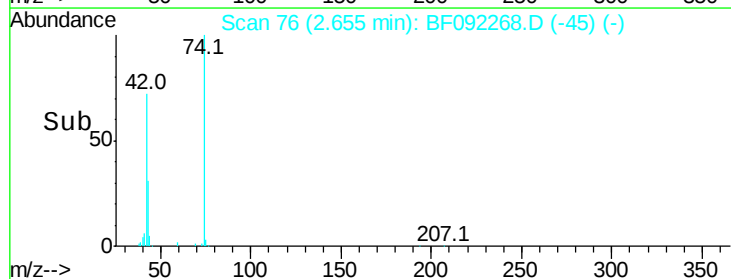
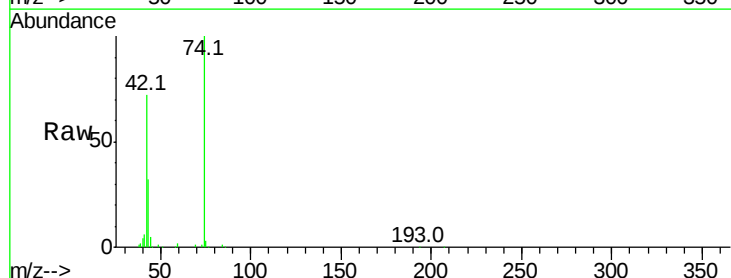
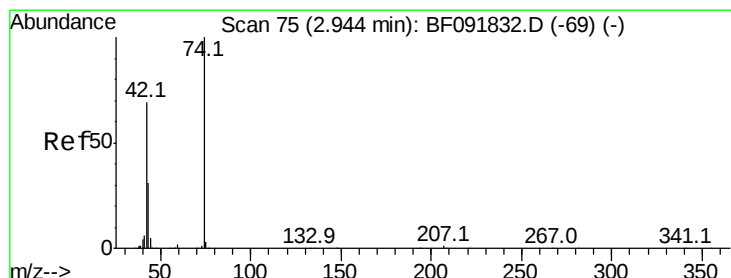
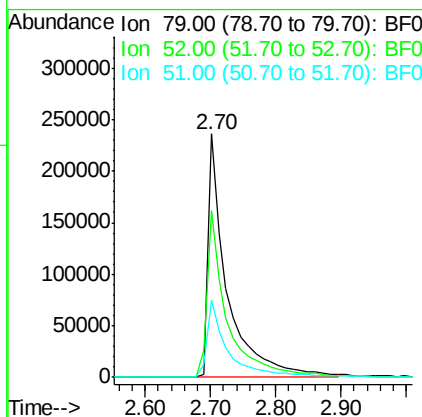
#3
 Pvridine
 Concen: 22.63 ng
 RT: 2.70 min Scan# 80
 Delta R.T. 0.06 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.3	57.1	85.7
51	31.9	27.3	40.9

Instrument :
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 ClientSampleId :
 TOD-SB-01-0-2MS

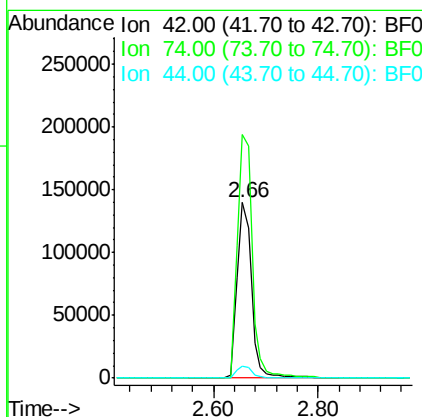
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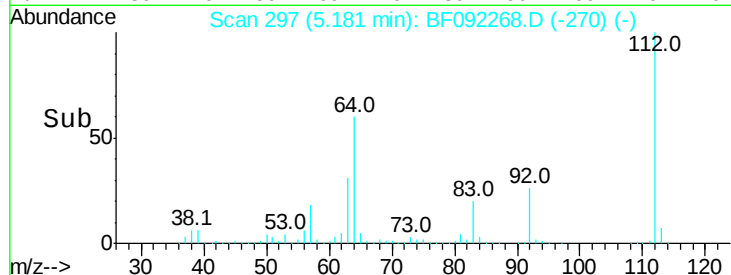
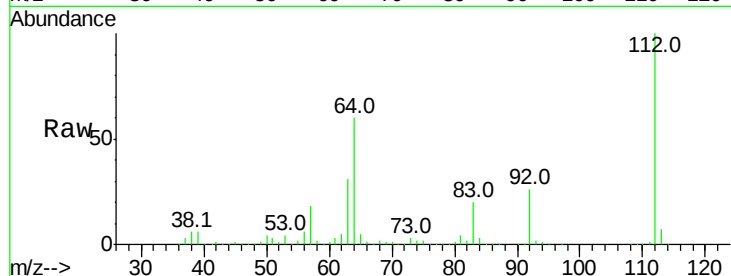
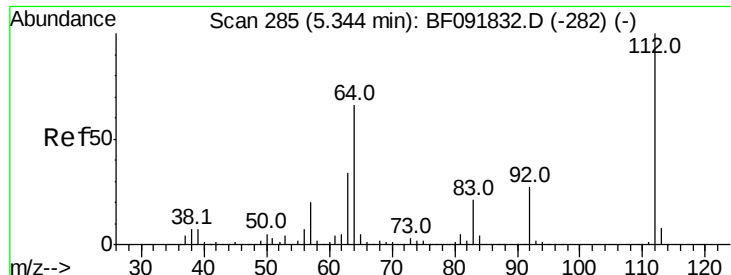
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#4
 n-Nitrosodimethylamine
 Concen: 33.88 ng
 RT: 2.66 min Scan# 76
 Delta R.T. 0.06 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.6	117.0	175.4
44	7.0	5.5	8.3





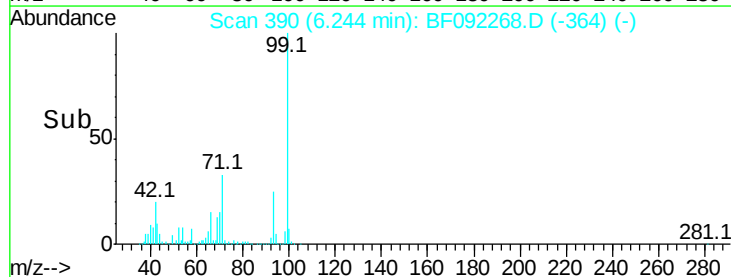
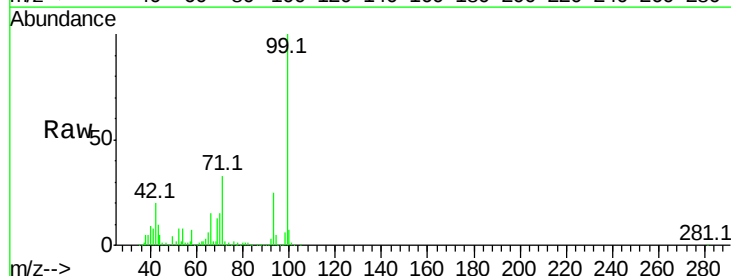
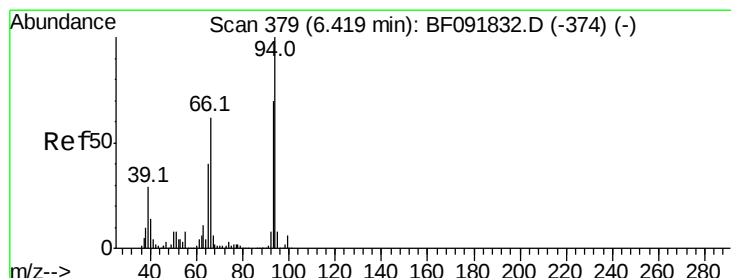
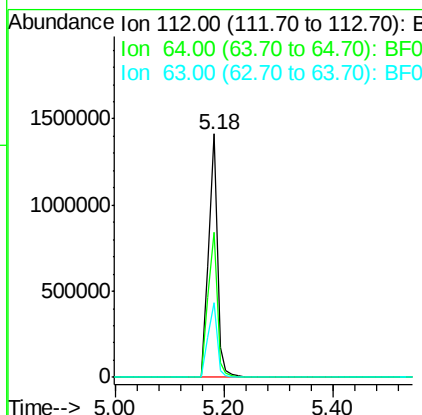
#5
2-Fluorophenol
Concen: 128.87 ng
RT: 5.18 min Scan# 297
Delta R.T. 0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.1	69.1
63	30.8	23.8	35.6

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

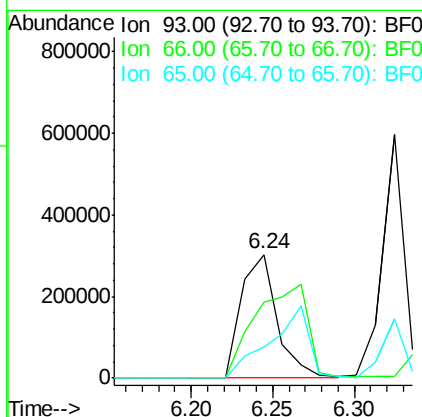
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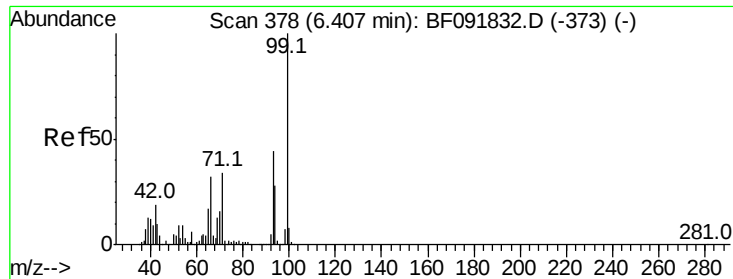
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#6
Aniline
Concen: 23.43 ng
RT: 6.24 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
93	100		
66	61.1	76.2	114.2#
65	25.7	49.3	73.9#





#7

Phenol-d6

Concen: 141.51 ng

RT: 6.26 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion: 99 Resp: 2141258

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

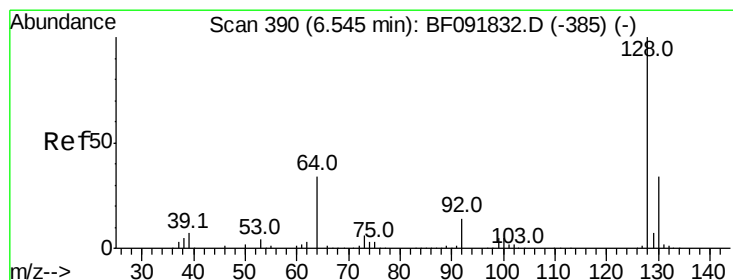
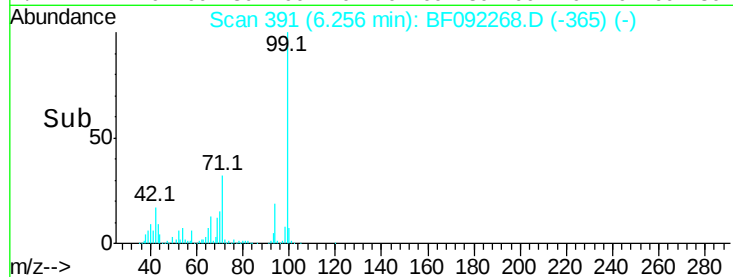
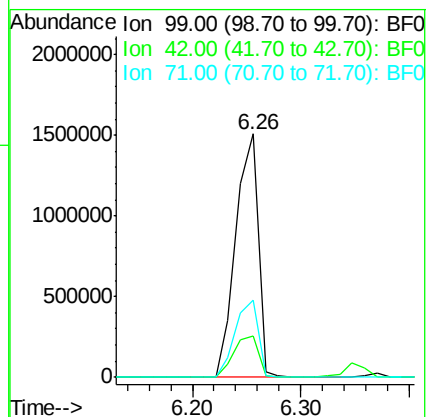
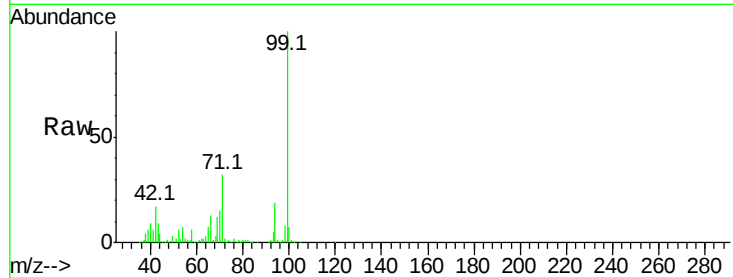
71 31.9 27.5 41.3

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#8

2-Chlorophenol

Concen: 36.32 ng

RT: 6.37 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

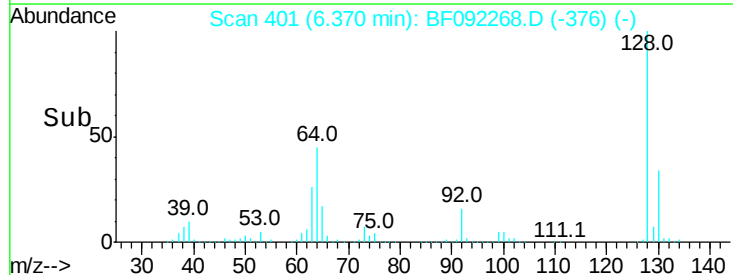
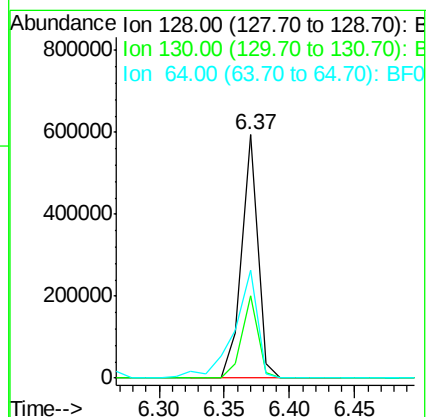
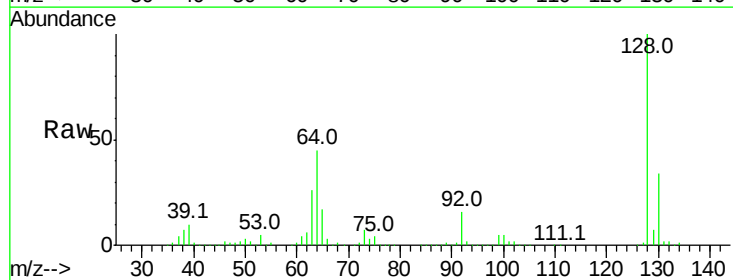
Tgt Ion: 128 Resp: 512056

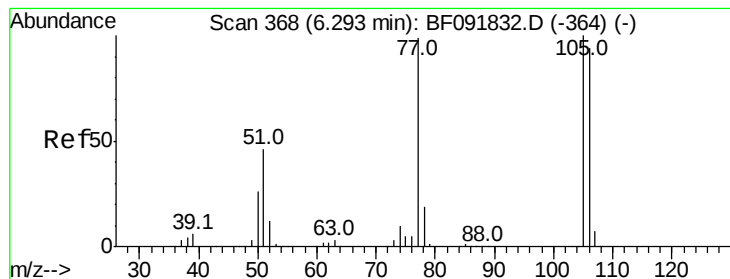
Ion Ratio Lower Upper

128 100

130 33.6 12.3 52.3

64 44.5 32.2 72.2





#9

Benzaldehyde

Concen: 3.06 ng

RT: 6.12 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

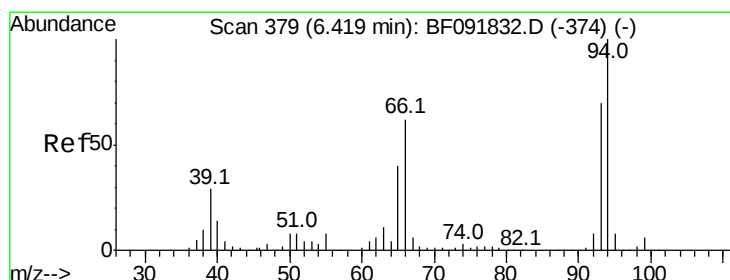
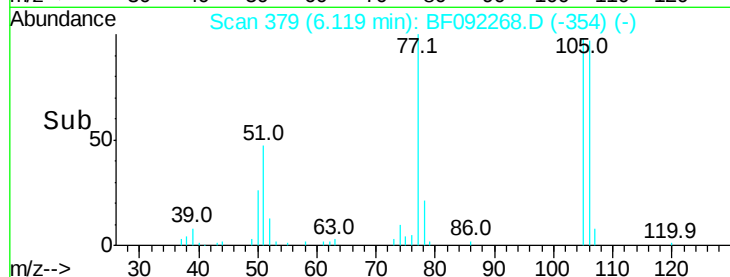
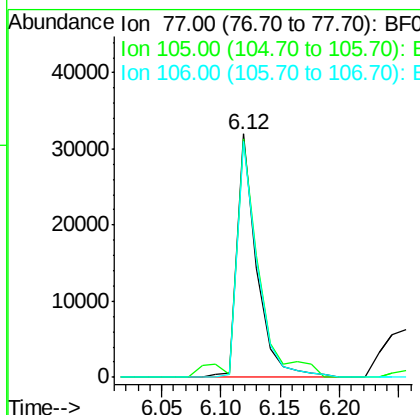
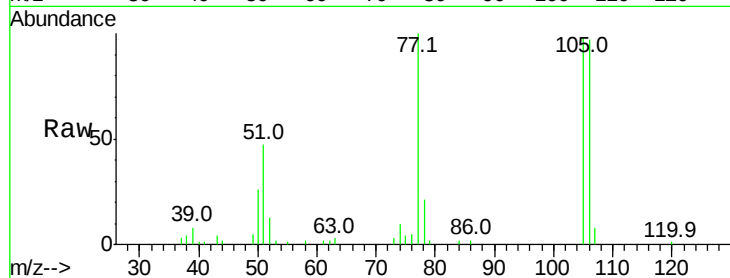
ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion:	77	Resp:	37144
Ion	Ratio	Lower	Upper
77	100		
105	97.7	83.9	123.9
106	97.0	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 45.18 ng

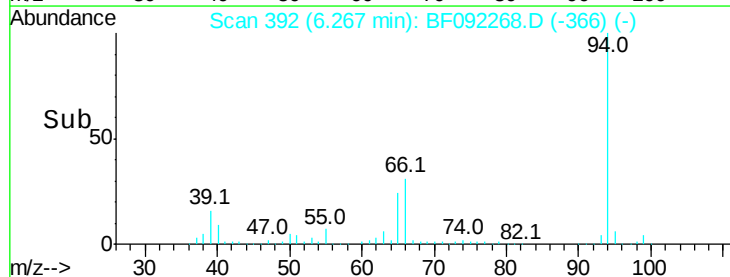
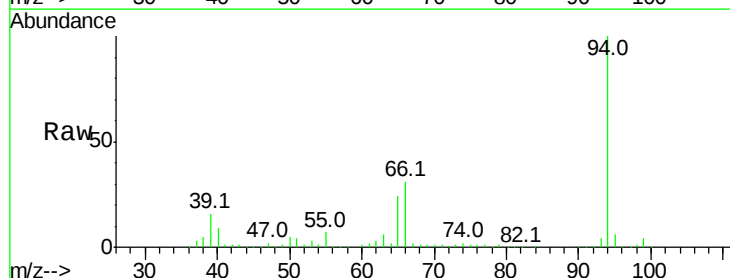
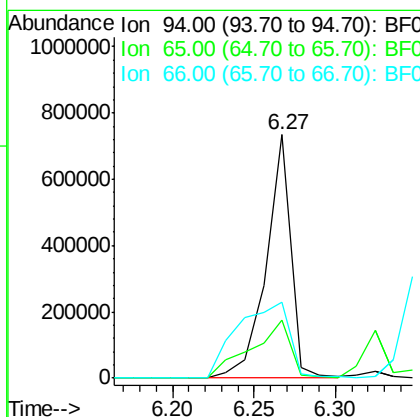
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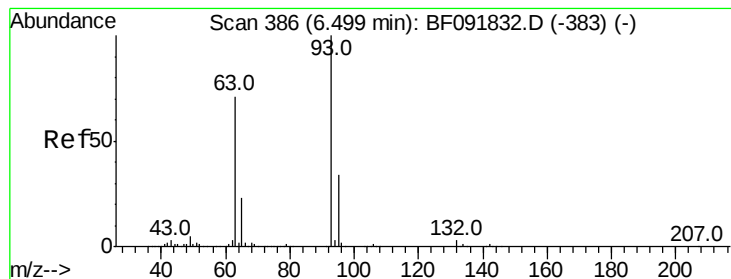
Delta R.T. 0.00 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Tgt Ion:	94	Resp:	778989
Ion	Ratio	Lower	Upper
94	100		
65	24.1	21.4	61.4
66	31.1	44.0	84.0#





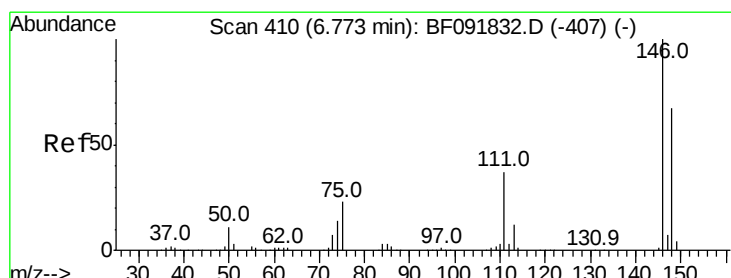
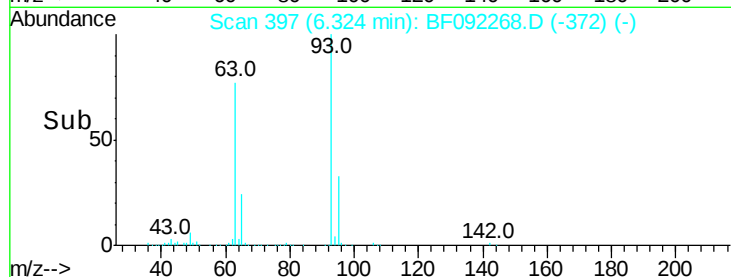
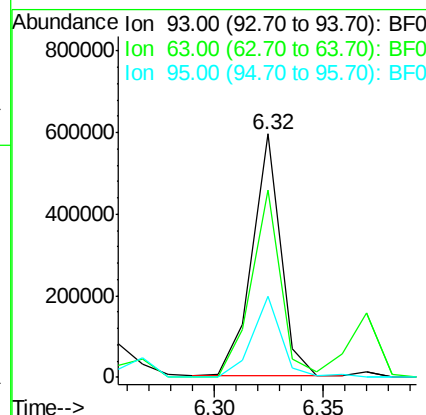
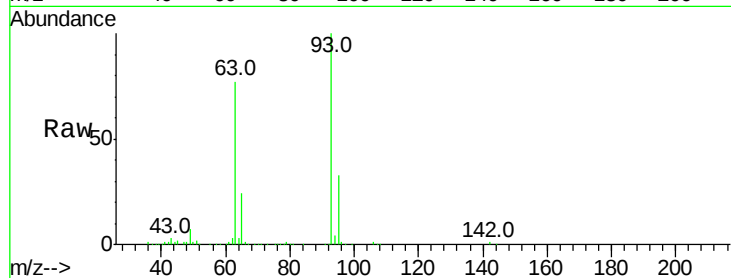
#11
bis(2-Chloroethyl)ether
Concen: 39.48 ng
RT: 6.32 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.0	60.4	100.4
95	33.3	12.8	52.8

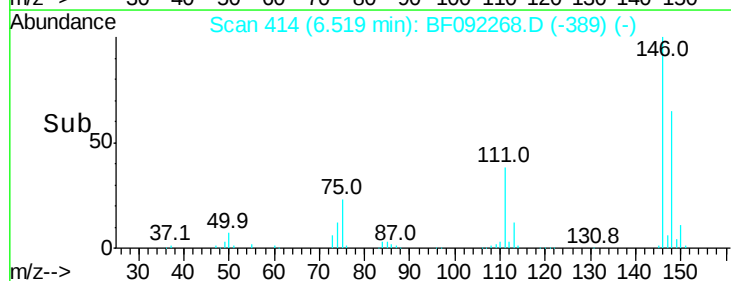
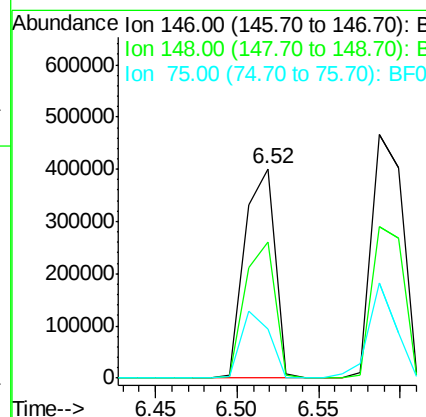
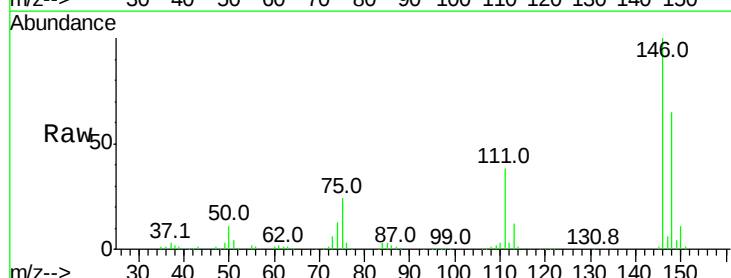
Manual Integrations
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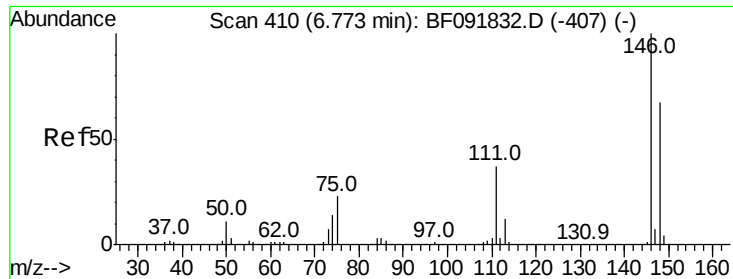
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#12
1,3-Dichlorobenzene
Concen: 34.14 ng
RT: 6.52 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.4	80.0
75	23.5	18.5	27.7





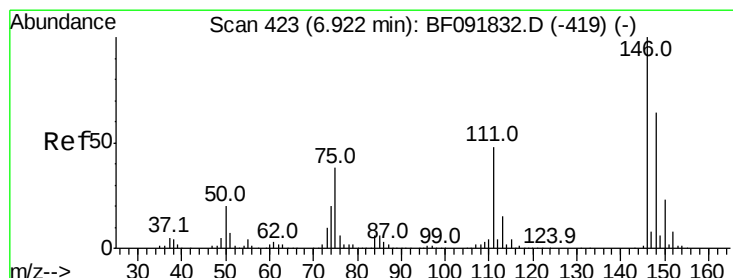
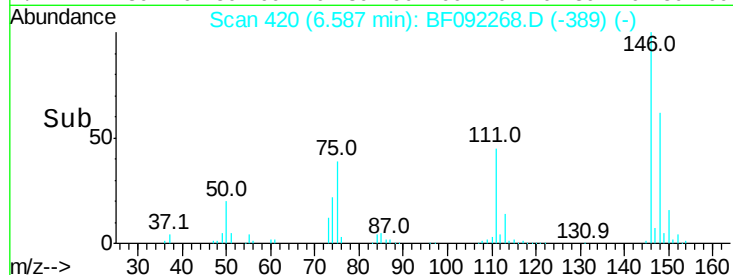
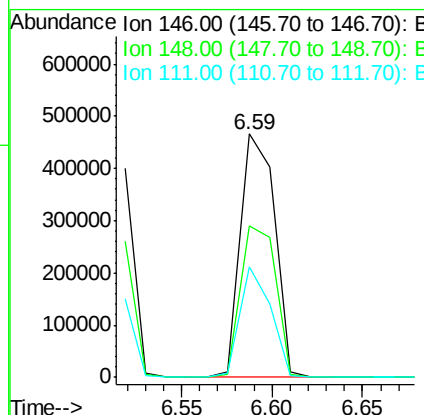
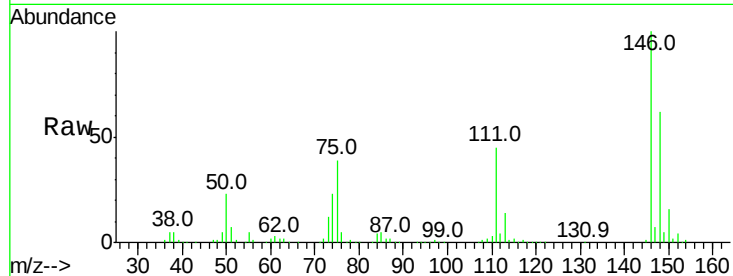
#13
 1,4-Dichlorobenzene
 Concen: 39.95 ng/mL
 RT: 6.59 min Scan# 420
 Delta R.T. 0.06 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Instrument :
 BNA_F
 ClientSampleId :
 TOD-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.6	76.0
111	45.4	36.2	54.4

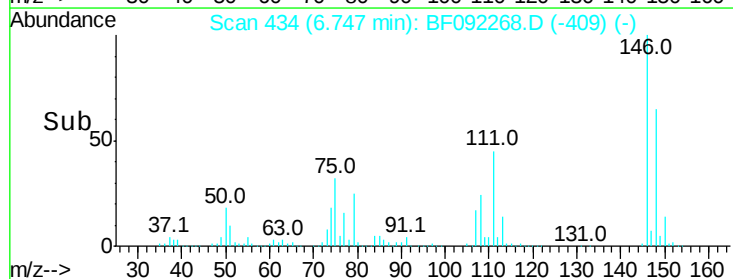
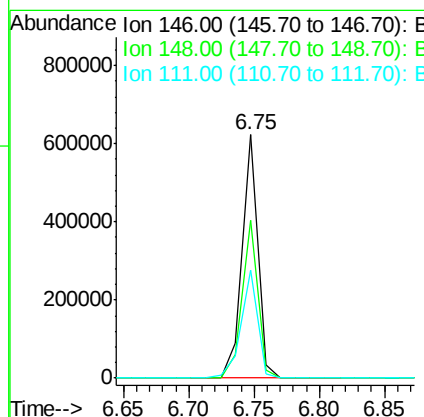
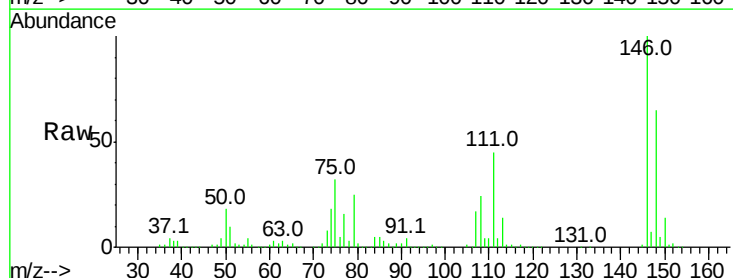
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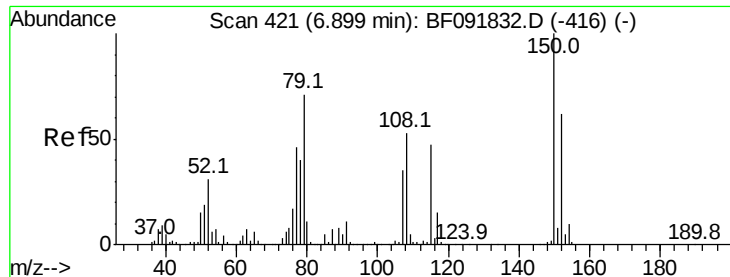
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#14
 1,2-Dichlorobenzene
 Concen: 38.84 ng/mL
 RT: 6.75 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	44.6	36.2	54.2





#15

Benzyl Alcohol

Concen: 34.87 ng

RT: 6.74 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

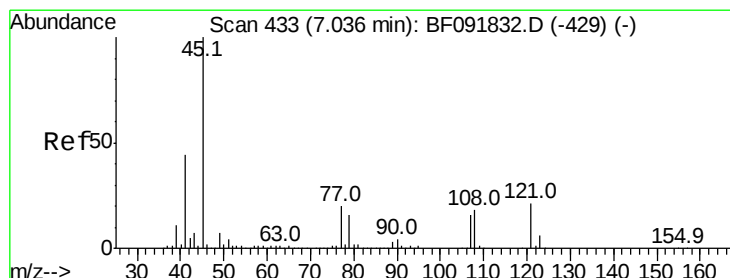
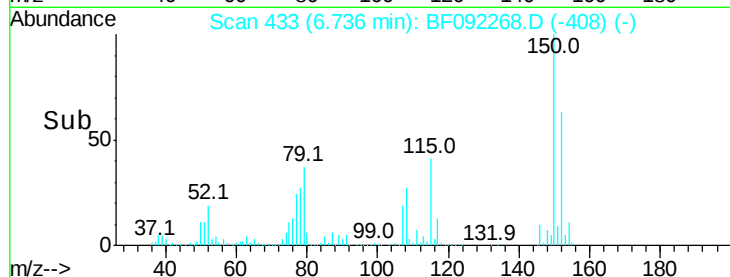
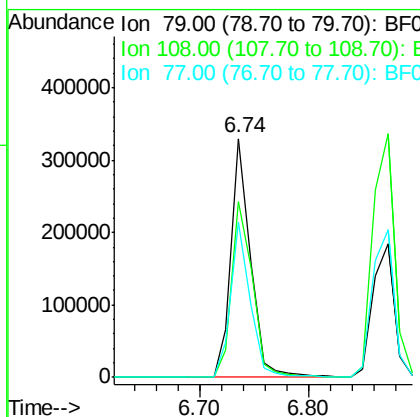
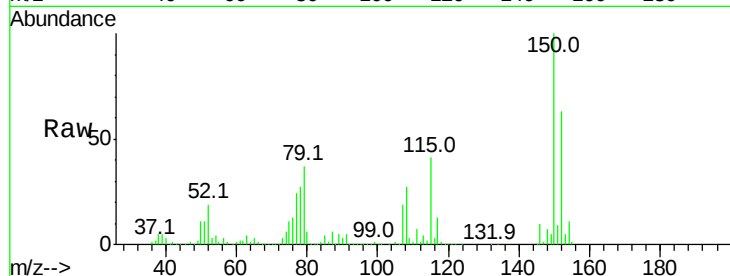
ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion:	79	Resp:	410009
Ion Ratio	Lower	Upper	
79	100		
108	73.5	61.4	92.0
77	65.3	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.59 ng

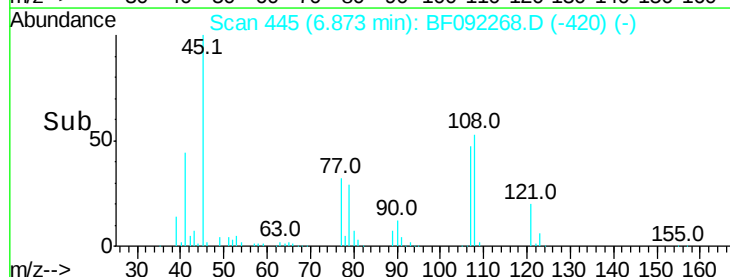
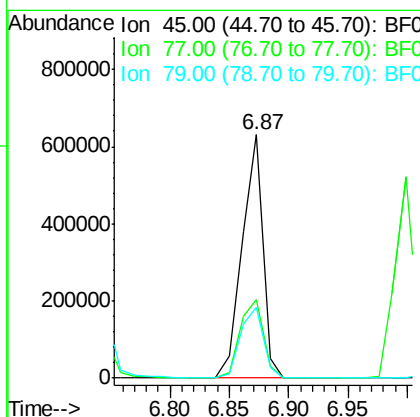
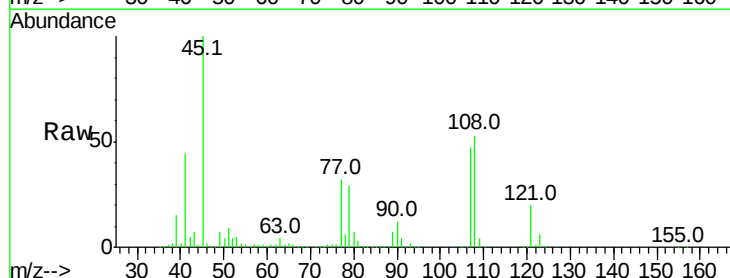
RT: 6.87 min Scan# 445

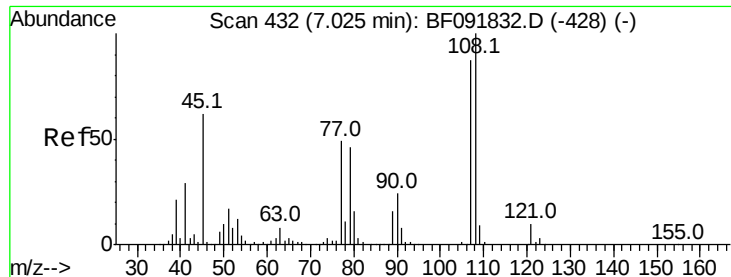
Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Tgt Ion:	45	Resp:	768058
Ion Ratio	Lower	Upper	
45	100		
77	32.4	0.0	34.6
79	29.3	0.0	31.2





#17

2-Methylphenol

Concen: 36.41 ng

RT: 6.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

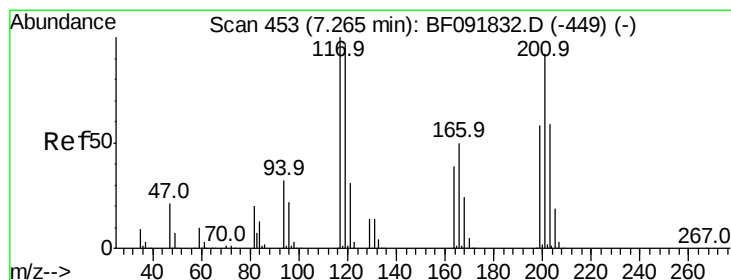
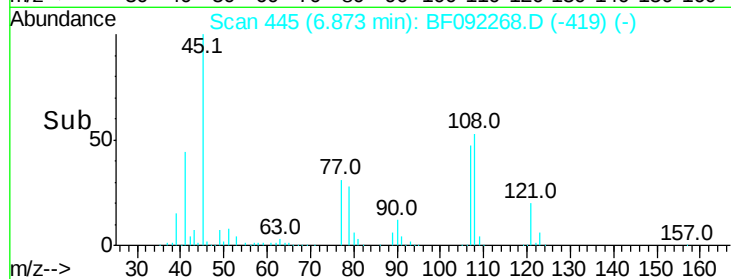
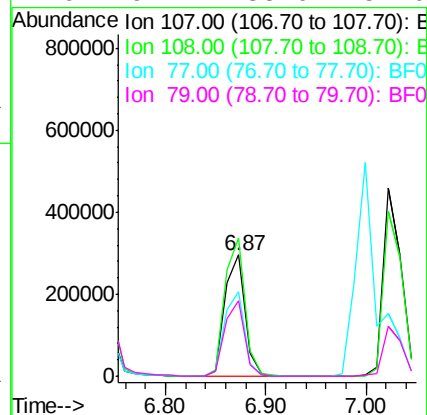
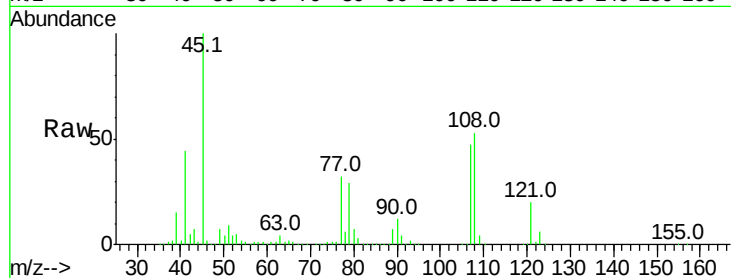
ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion:	107	Resp:	412799
Ion Ratio	Lower	Upper	
107	100		
108	113.9	93.0	139.6
77	69.3	39.8	59.8#
79	62.7	38.0	57.0#

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#18

Hexachloroethane

Concen: 35.50 ng

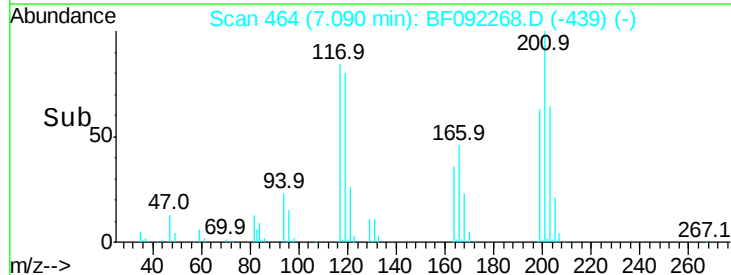
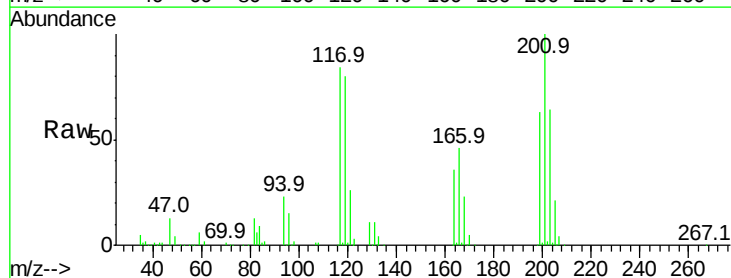
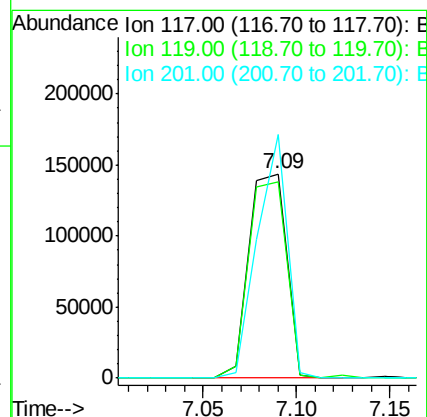
RT: 7.09 min Scan# 464

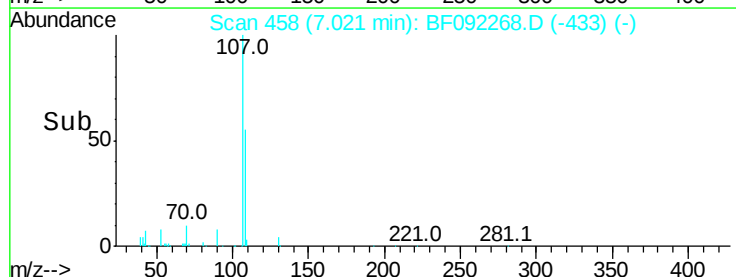
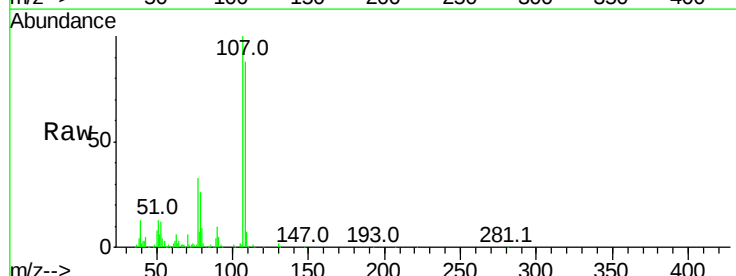
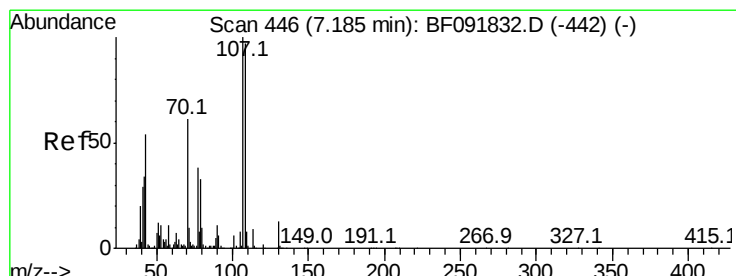
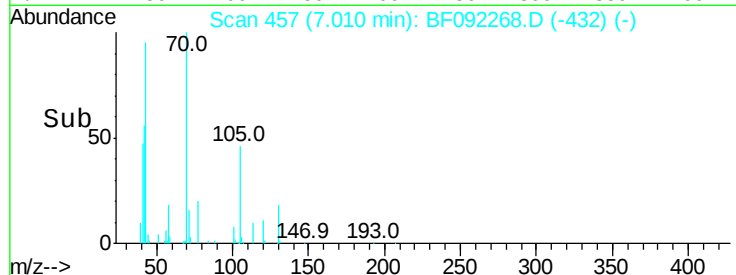
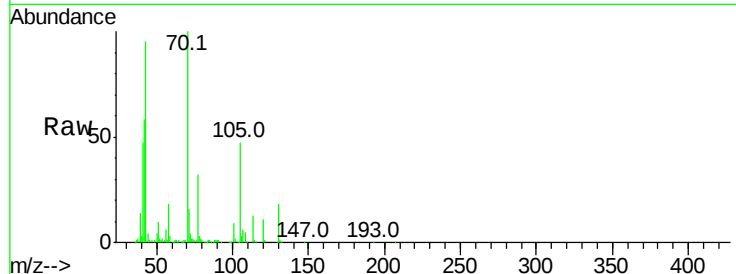
Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Tgt Ion:	117	Resp:	201621
Ion Ratio	Lower	Upper	
117	100		
119	95.8	78.1	117.1
201	119.1	78.6	117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 39.59 ng

RT: 7.01 min Scan# 457

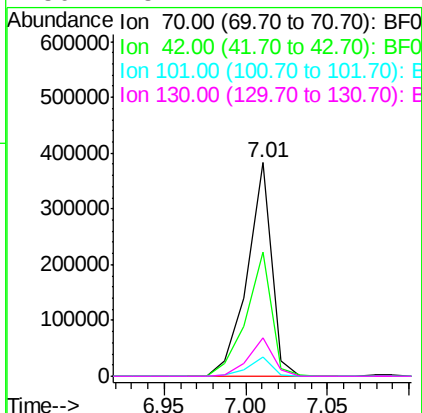
Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.3	49.4	74.0
101	8.7	7.4	11.2
130	18.1	14.2	21.4



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#20

3+4-Methylphenols

Concen: 43.12 ng

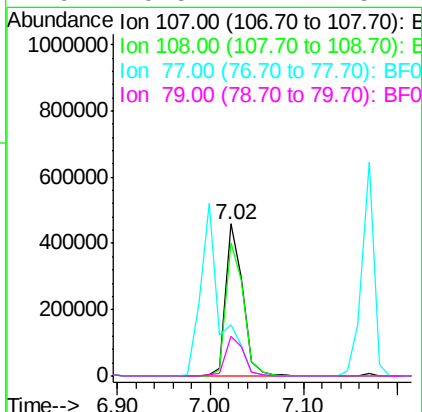
RT: 7.02 min Scan# 458

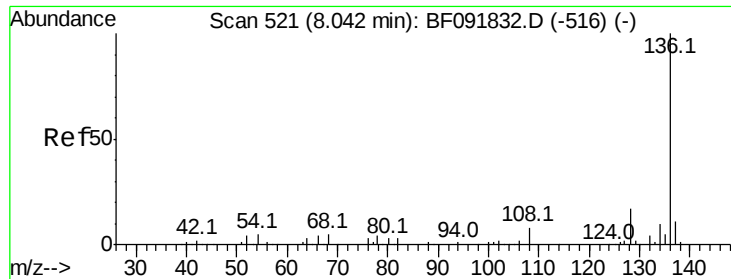
Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	73.0	113.0
77	33.4	71.3	111.3#
79	26.5	11.1	51.1





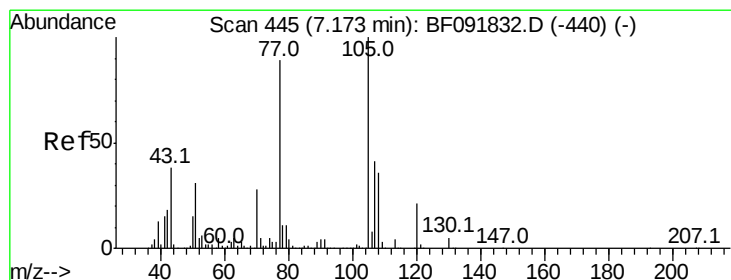
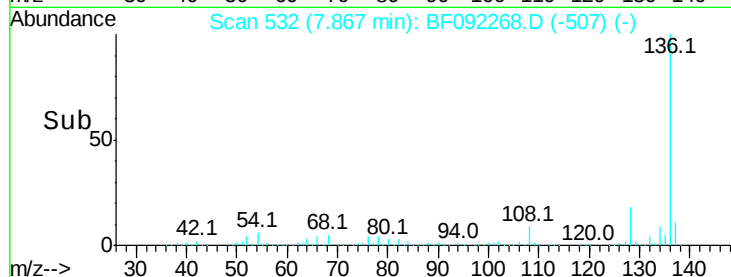
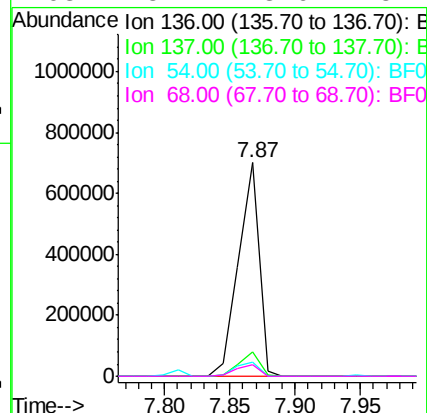
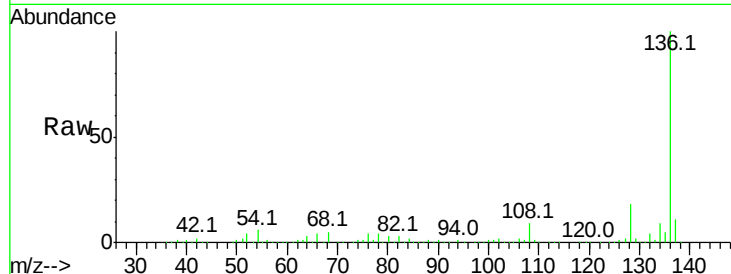
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.4	4.5	6.7
68	5.4	3.6	5.4#

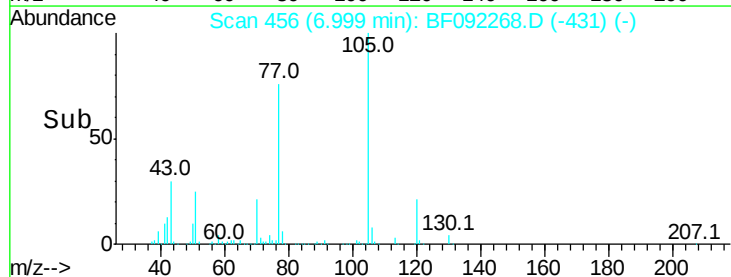
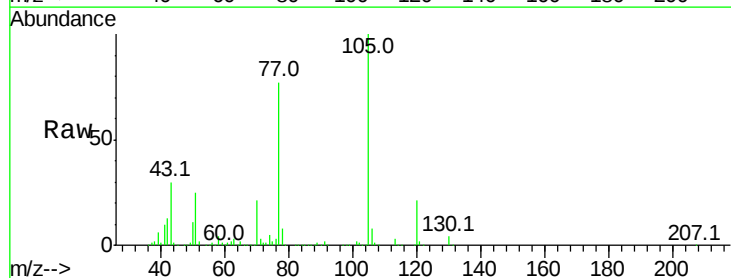
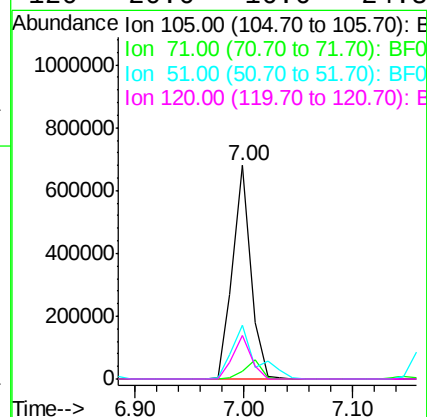
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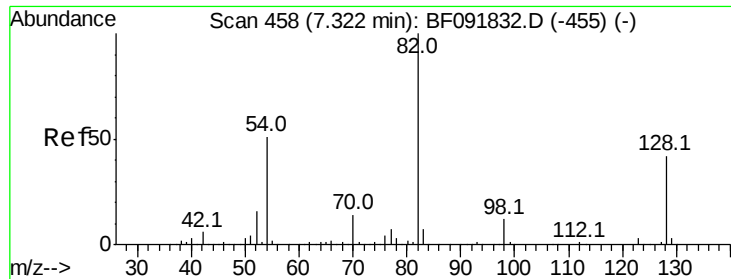
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#22
Acetophenone
Concen: 41.38 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.4	3.2	4.8
51	25.3	26.2	39.4#
120	20.6	16.6	24.8





#23

Nitrobenzene-d5

Concen: 93.32 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion: 82 Resp: 1291140

Ion Ratio Lower Upper

82 100

128 40.5 34.6 52.0

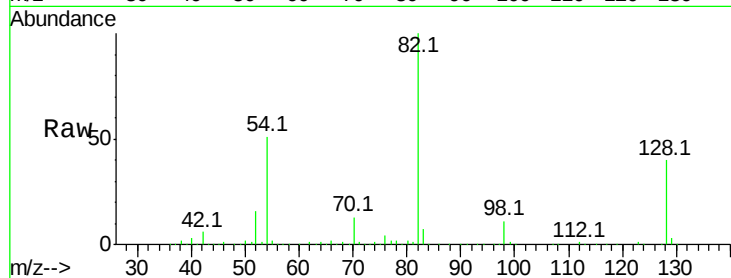
54 50.6 39.5 59.3

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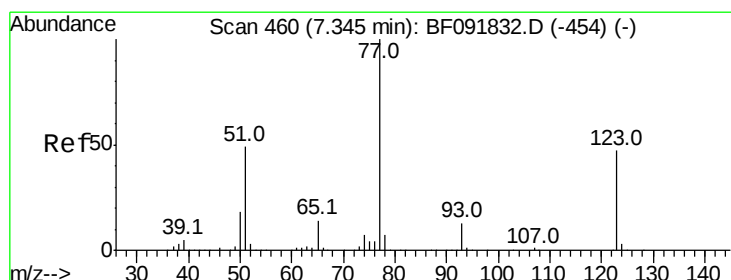
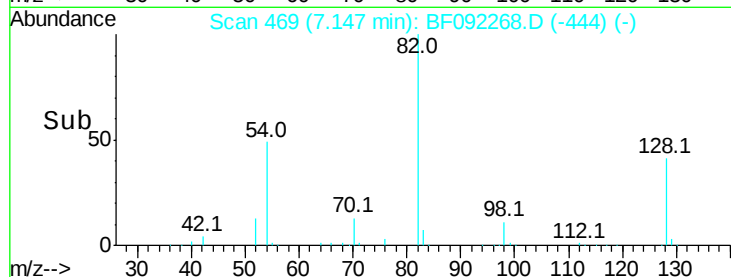
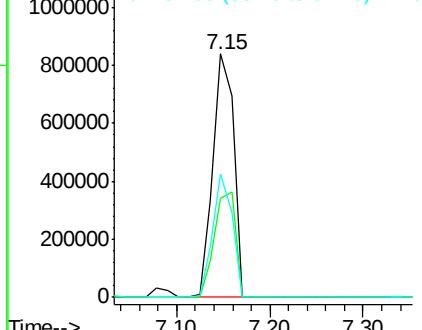
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.62 ng

RT: 7.17 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

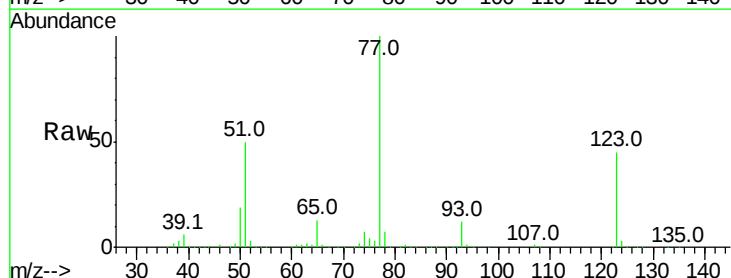
Tgt Ion: 77 Resp: 583869

Ion Ratio Lower Upper

77 100

123 45.1 33.0 49.4

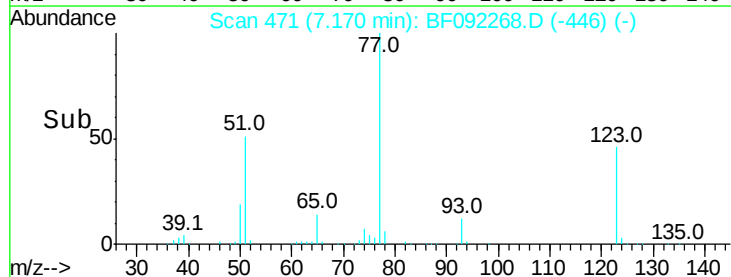
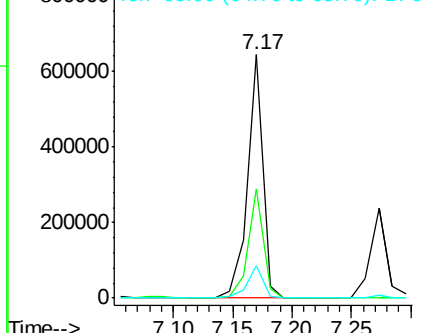
65 13.4 11.2 16.8

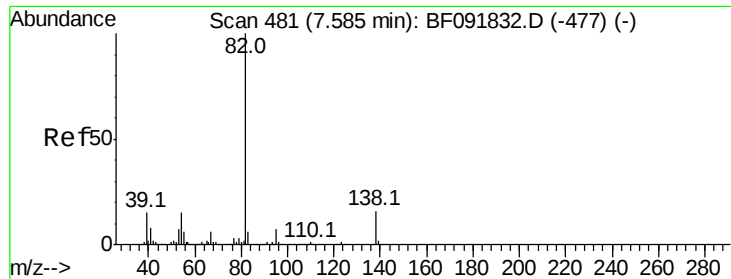


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.34 ng

RT: 7.41 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion: 82 Resp: 1055178

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

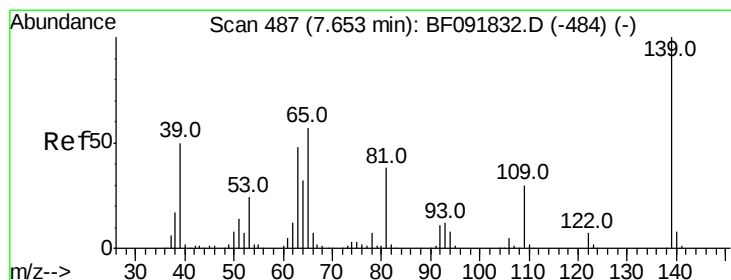
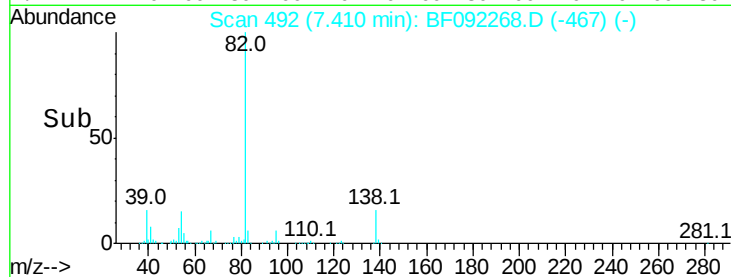
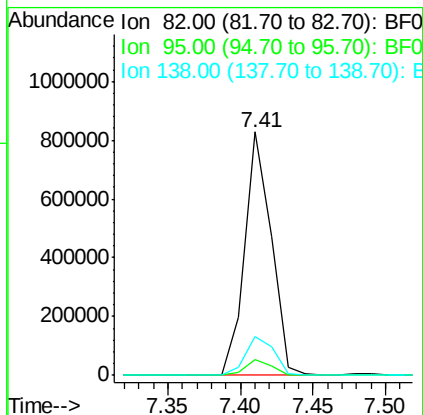
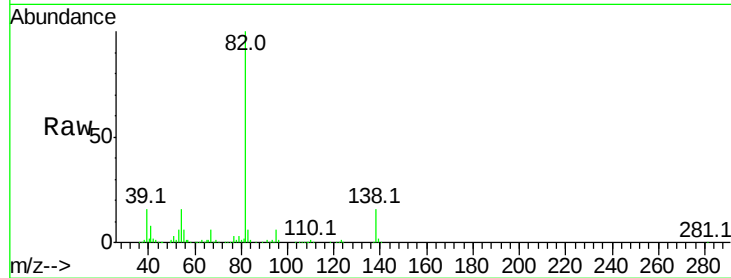
138 15.8 14.6 22.0

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#26

2-Nitrophenol

Concen: 45.63 ng

RT: 7.49 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

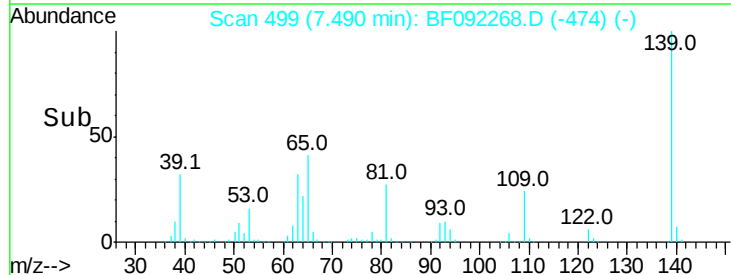
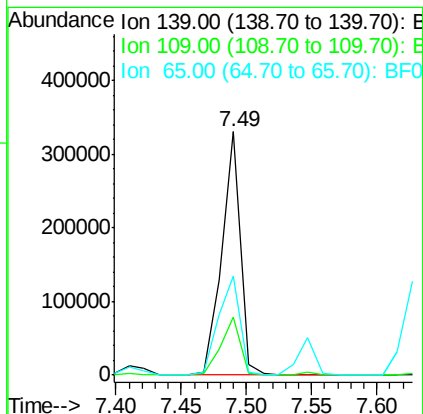
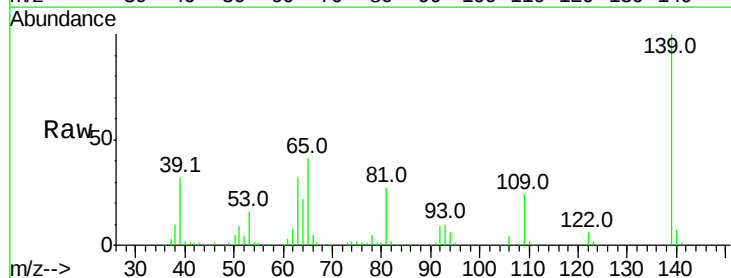
Tgt Ion: 139 Resp: 331571

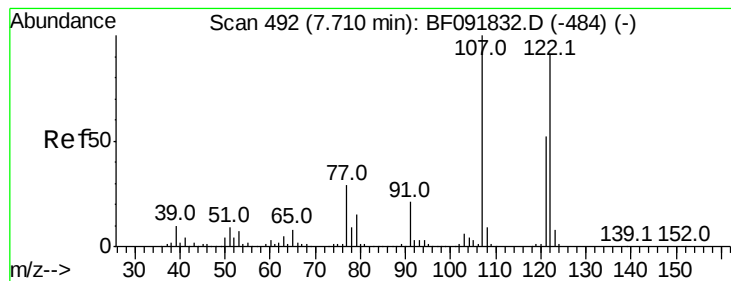
Ion Ratio Lower Upper

139 100

109 24.0 23.3 34.9

65 40.8 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 40.18 ng

RT: 7.55 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

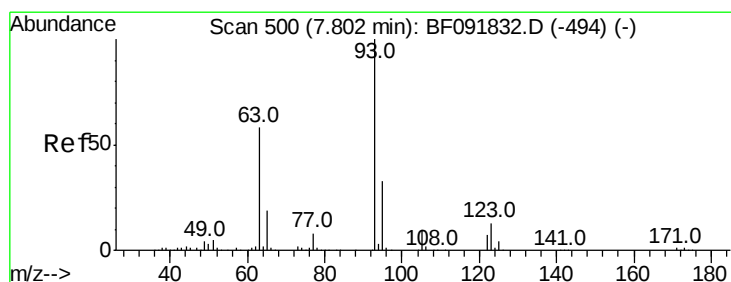
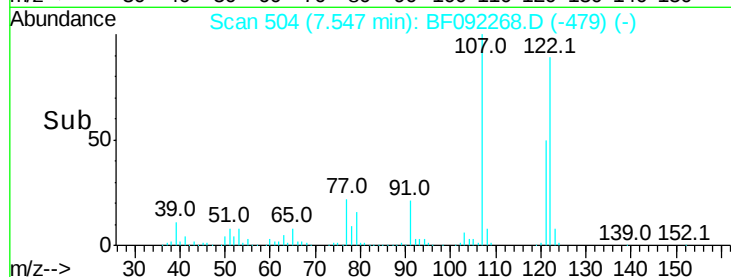
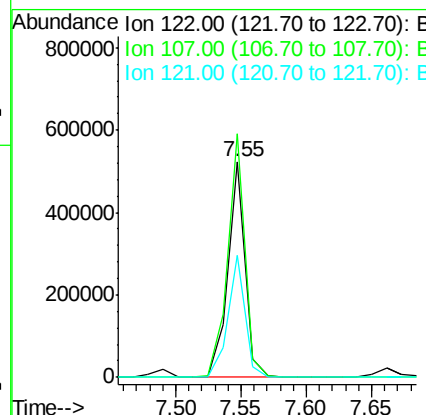
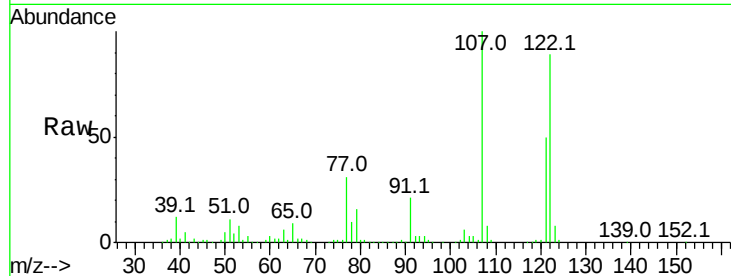
ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion:	122	Resp:	484271
Ion Ratio	Lower	Upper	
122	100		
107	113.0	94.1	141.1
121	56.9	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 45.43 ng

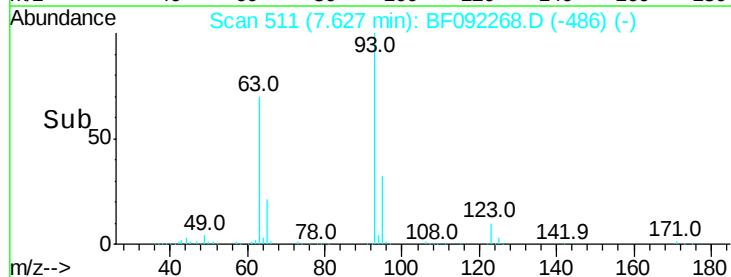
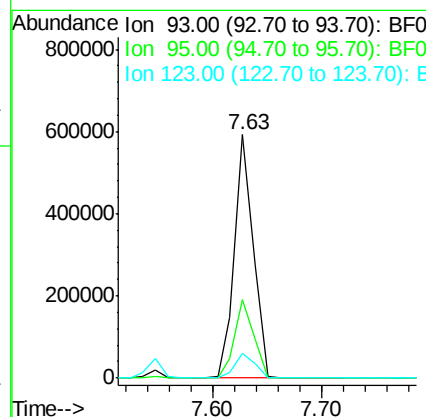
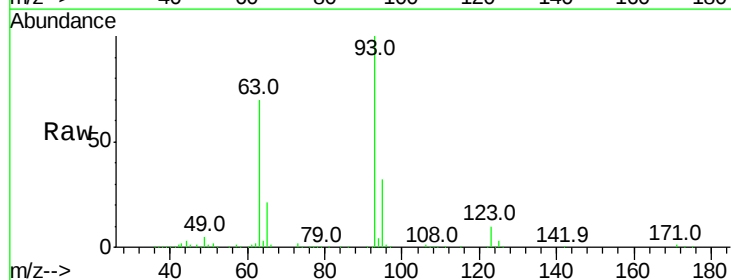
RT: 7.63 min Scan# 511

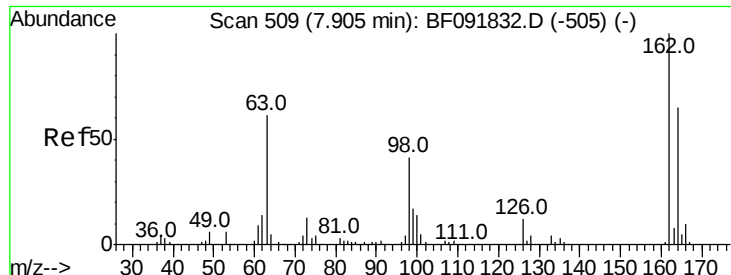
Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Tgt Ion:	93	Resp:	703147
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.5	39.7
123	10.1	8.6	13.0





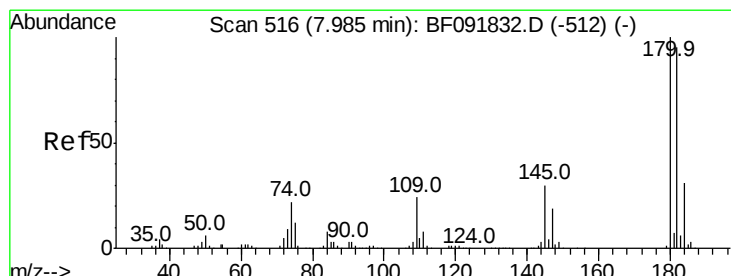
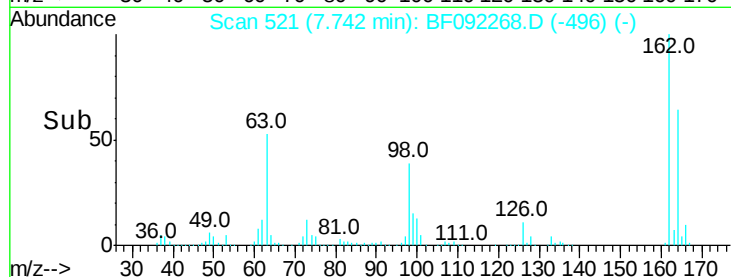
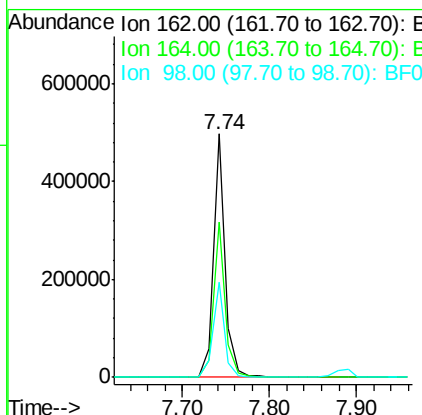
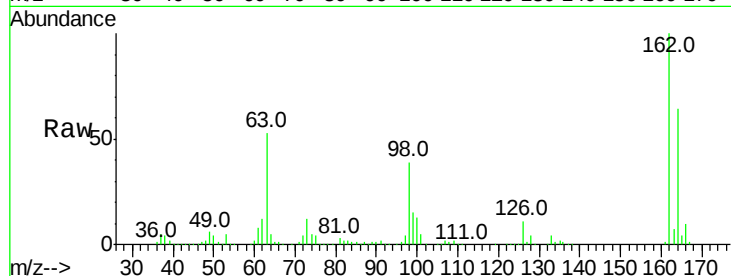
#29
2,4-Dichlorophenol
Concen: 45.64 ng
RT: 7.74 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	46.8	86.8
98	39.1	9.1	49.1

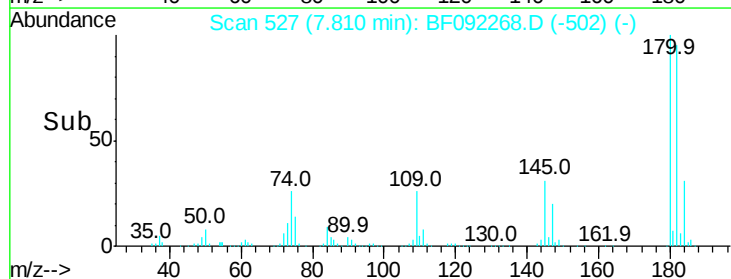
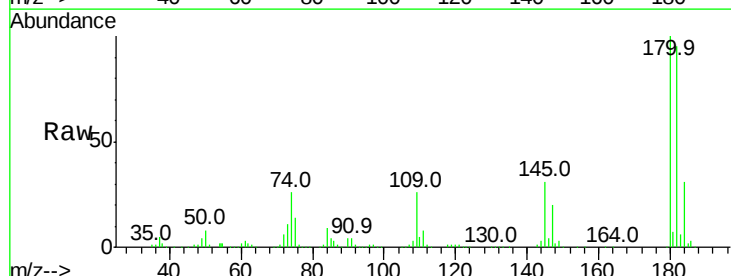
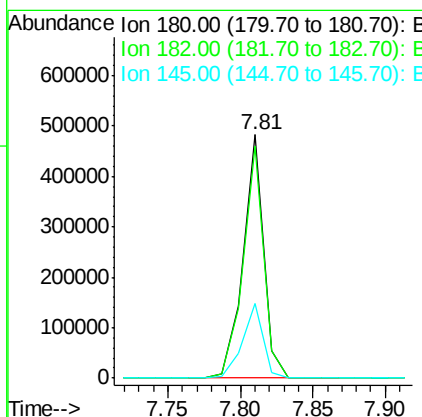
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#30
1,2,4-Trichlorobenzene
Concen: 42.34 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	78.2	117.4
145	30.8	21.6	32.4





#31

Naphthalene

Concen: 44.65 ng

RT: 7.89 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion:128 Resp: 1572228

Ion Ratio Lower Upper

128 100

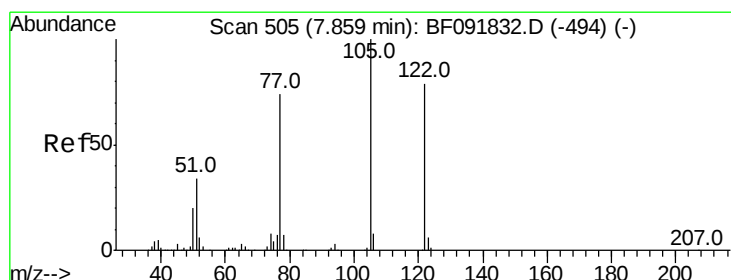
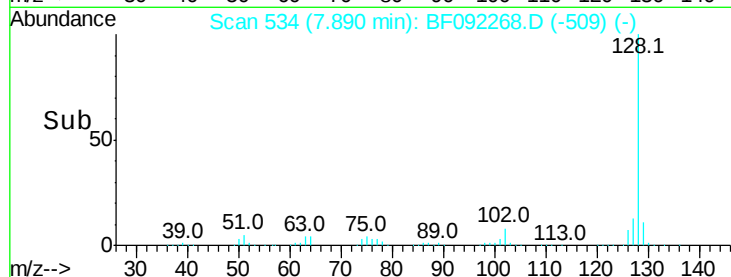
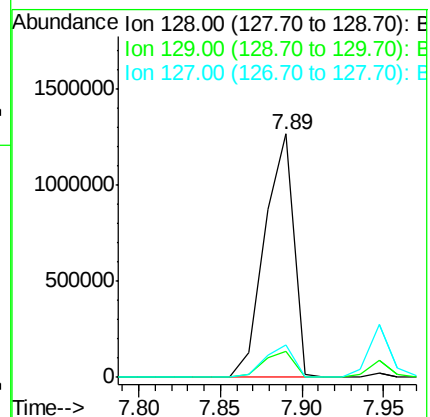
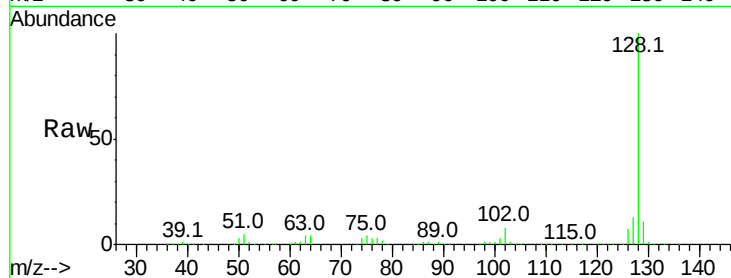
129 10.9 9.5 14.3

127 13.2 10.8 16.2

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#32

Benzoic acid

Concen: 3.60 ng

RT: 7.66 min Scan# 514

Delta R.T. -0.06 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

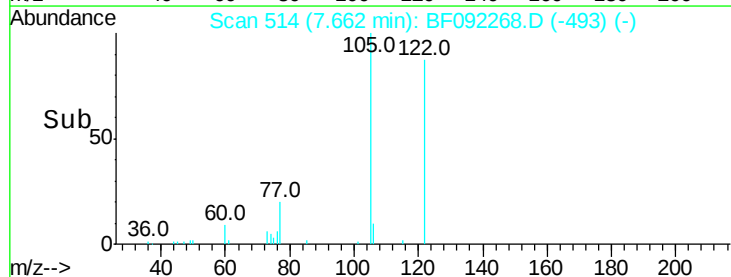
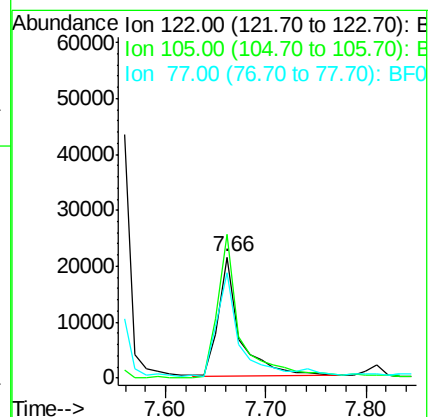
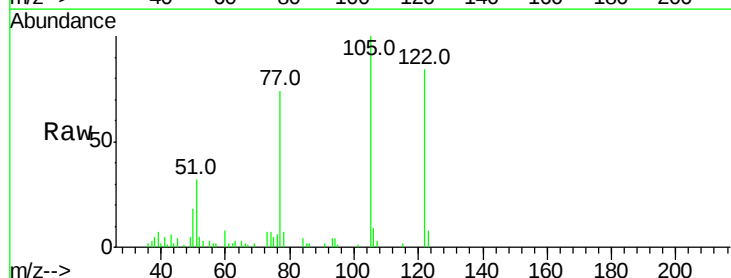
Tgt Ion:122 Resp: 32143

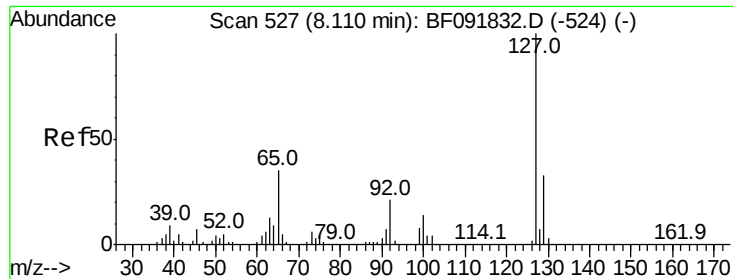
Ion Ratio Lower Upper

122 100

105 118.6 107.2 147.2

77 87.3 74.5 114.5





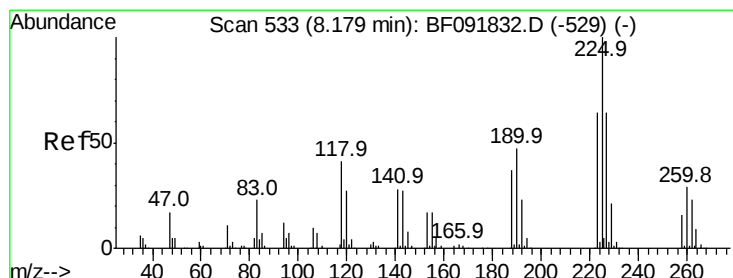
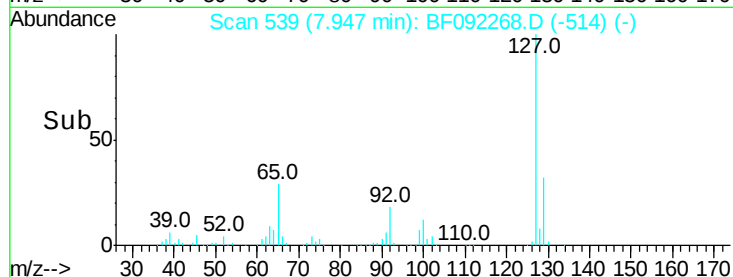
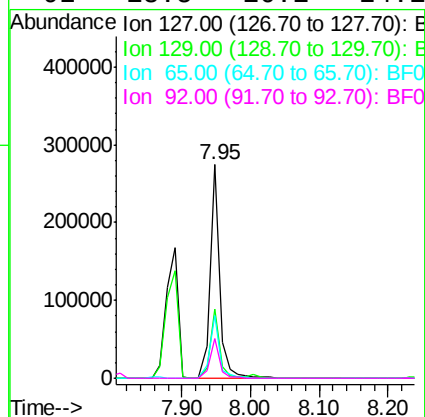
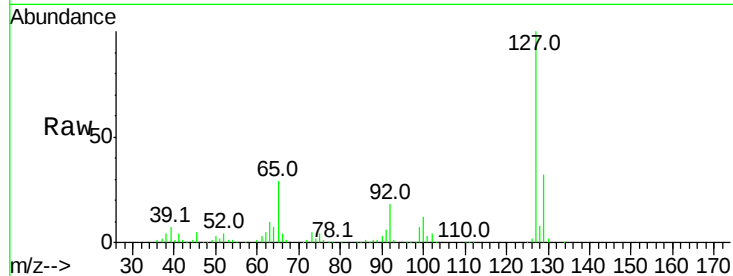
#33
4-Chloroaniline
Concen: 16.90 ng
RT: 7.95 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.3	39.5		
65	29.1	25.8	38.8		
92	18.5	16.1	24.1		

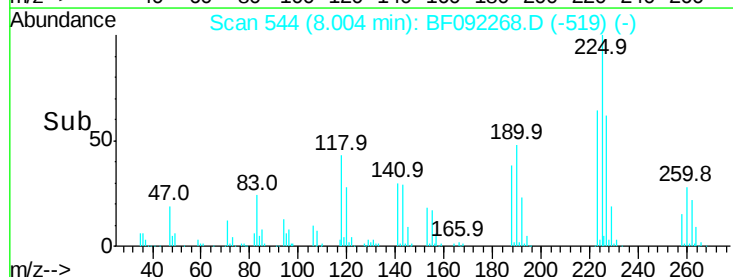
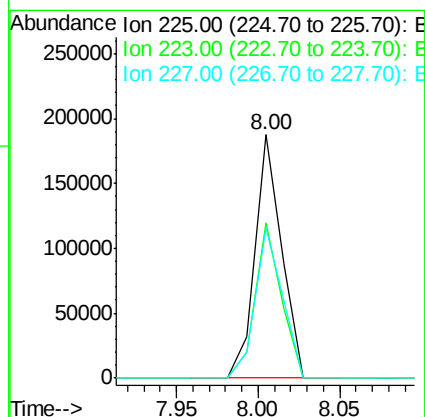
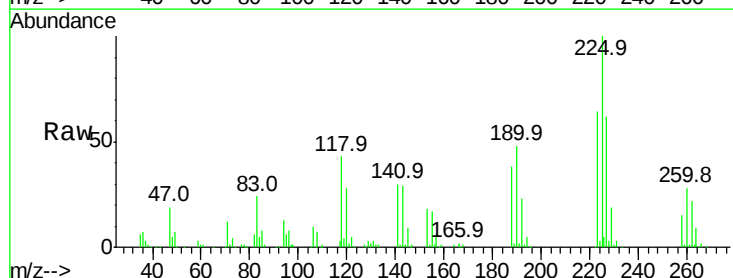
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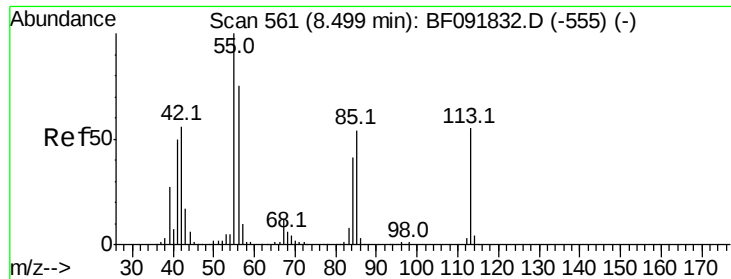
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#34
Hexachlorobutadiene
Concen: 35.82 ng
RT: 8.00 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	51.0	76.6		
227	61.7	50.6	76.0		





#35

Caprolactam

Concen: 31.52 ng

RT: 8.32 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

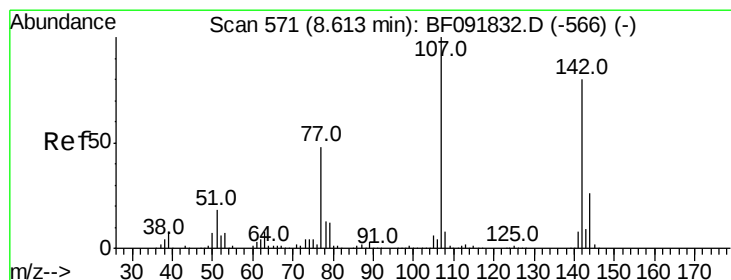
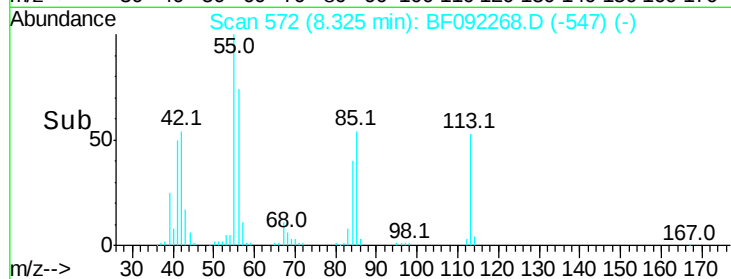
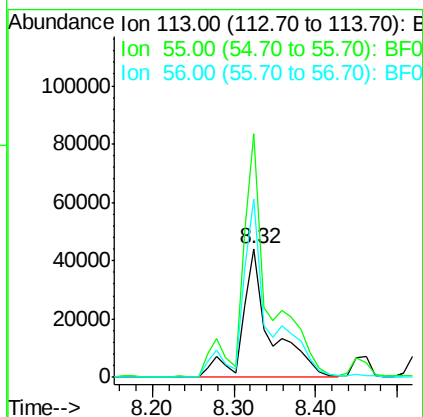
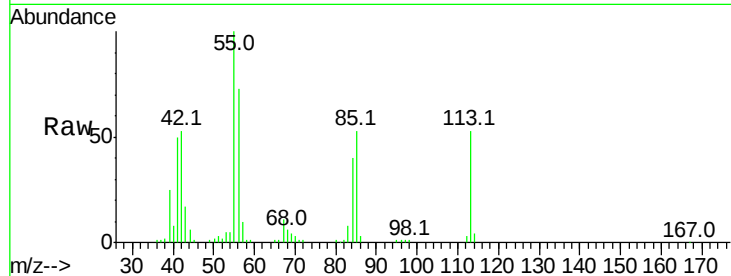
ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.7	119.2	159.2#
56	138.0	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 32.78 ng

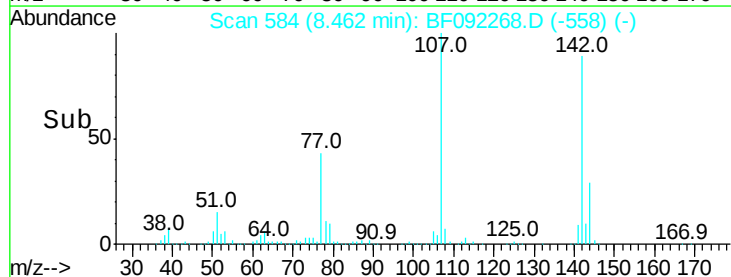
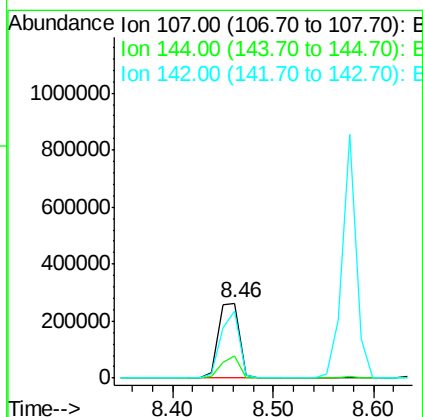
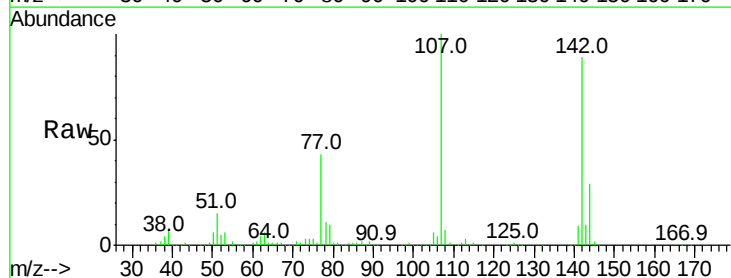
RT: 8.46 min Scan# 584

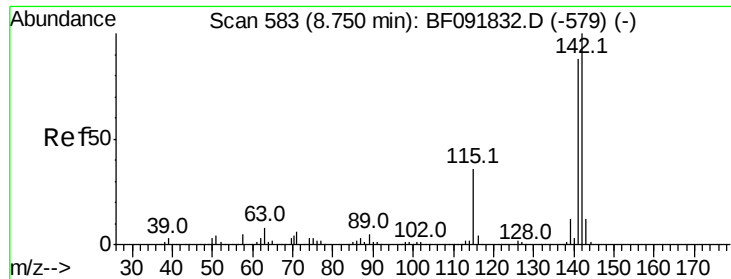
Delta R.T. 0.00 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.8	19.3	28.9
142	89.2	59.0	88.6#





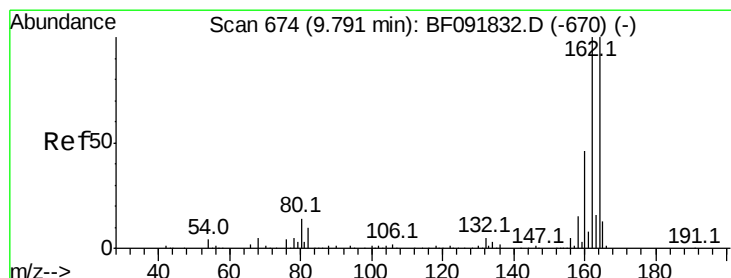
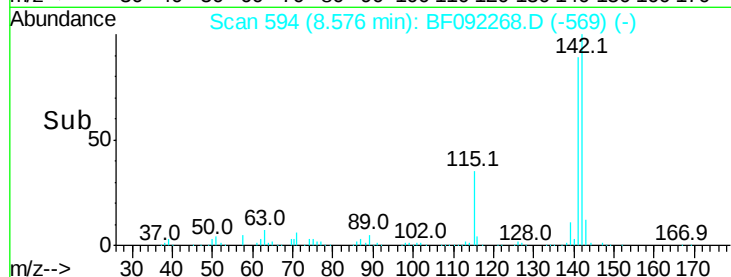
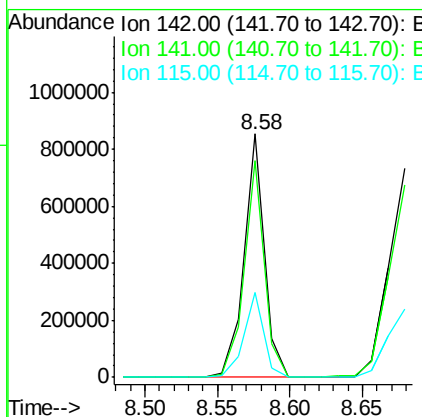
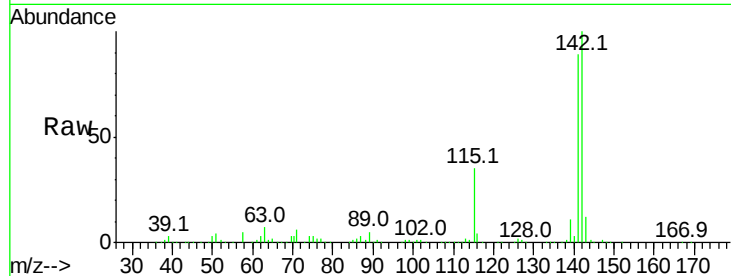
#37
2-Methylnaphthalene
Concen: 36.34 ng
RT: 8.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	34.9	28.3	42.5

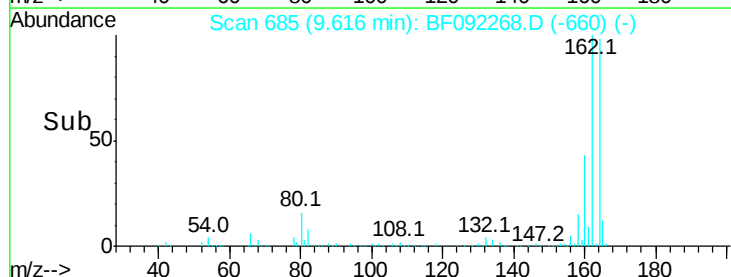
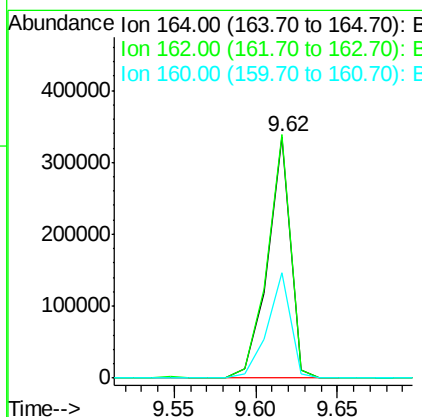
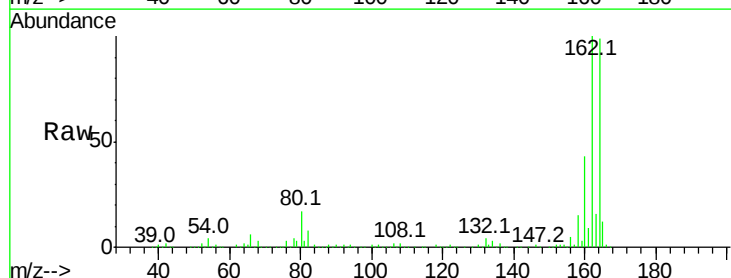
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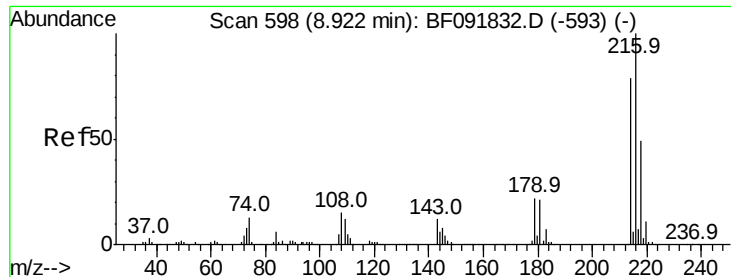
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	43.7	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.35 ng

RT: 8.75 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF092268.D

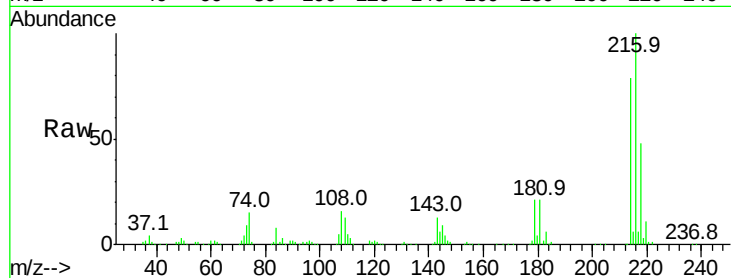
Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

ClientSampleId :

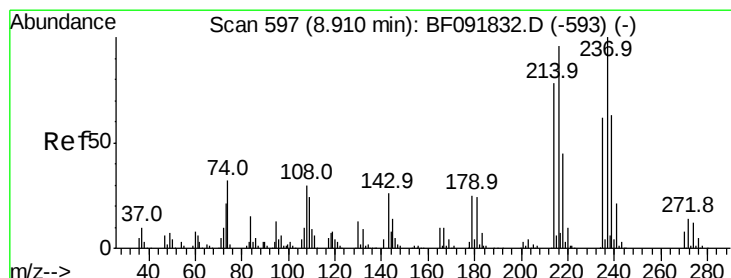
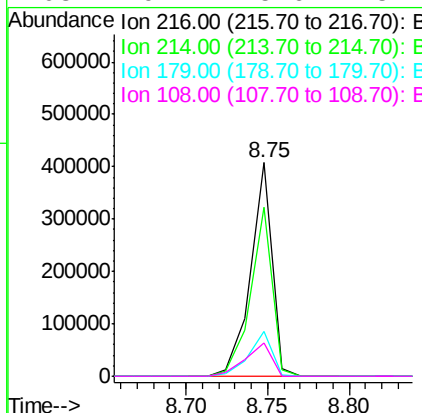
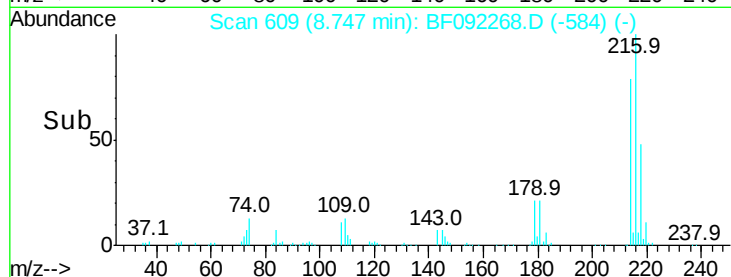
TOD-SB-01-0-2MS



Tot Ion	Ratio	Resp	Lower	Upper
216	100	375866		
214	78.8	63.4	95.0	
179	22.2	17.4	26.2	
108	19.4	15.6	23.4	

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#40

Hexachlorocyclopentadiene

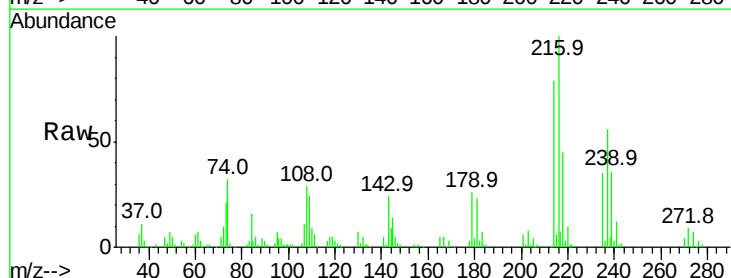
Concen: 24.49 ng

RT: 8.74 min Scan# 608

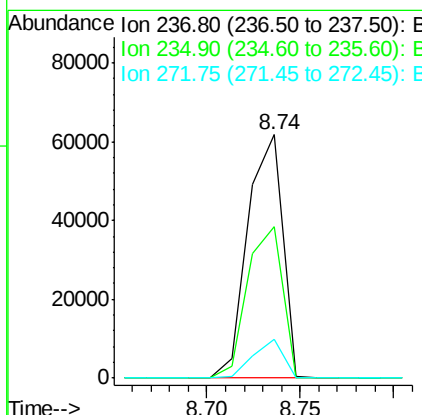
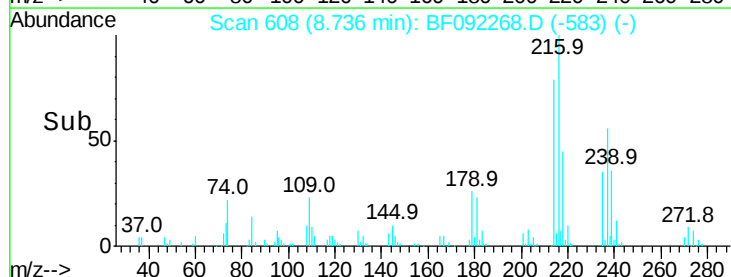
Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	79688		
235	62.3	41.2	81.2	
272	15.8	0.0	35.4	





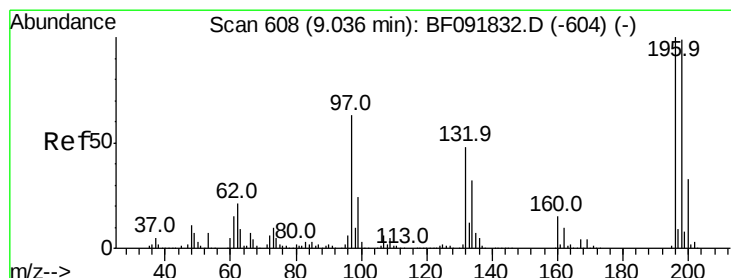
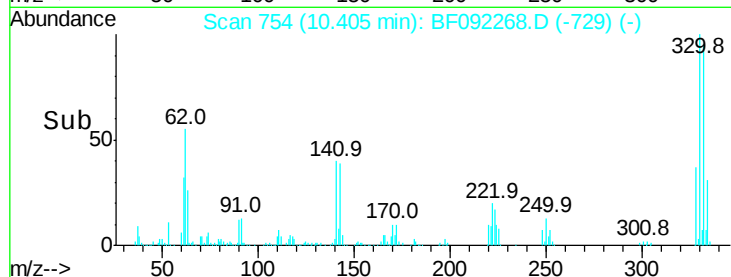
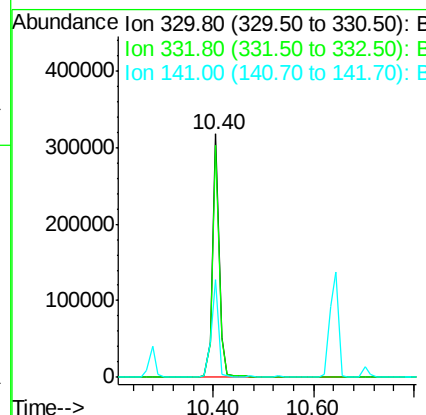
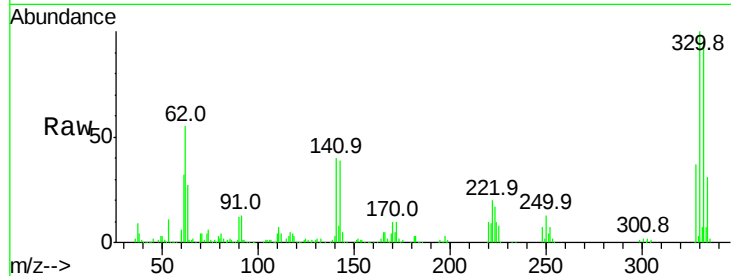
#41
 2,4,6-Tribromophenol
 Concen: 110.59 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Instrument :
 BNA_F
 ClientSampleId :
 TOD-SB-01-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	300257		
332	95.7		77.4	116.2
141	42.0		34.1	51.1

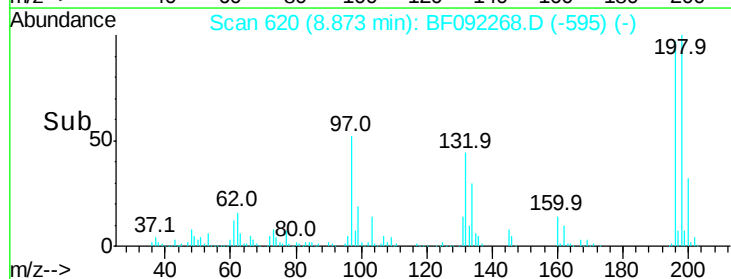
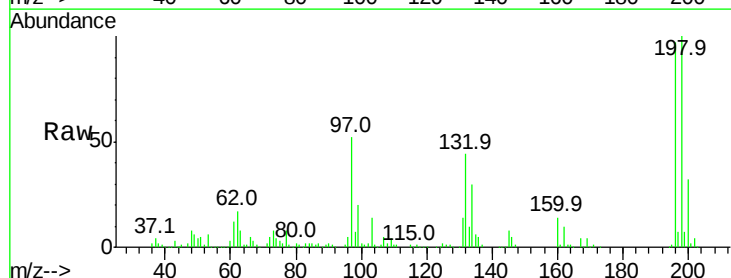
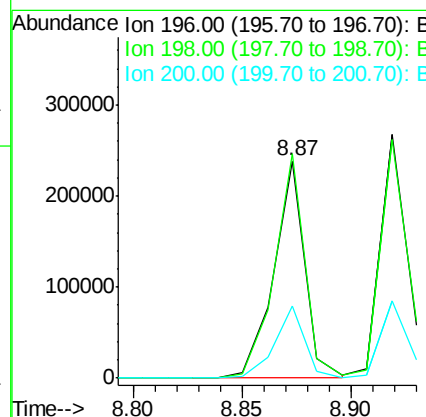
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#42
 2,4,6-Trichlorophenol
 Concen: 41.01 ng
 RT: 8.87 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	237706		
198	103.2		82.1	123.1
200	33.1		27.0	40.4





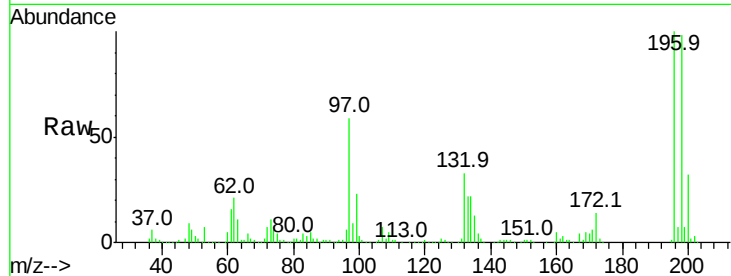
#43
 2,4,5-Trichlorophenol
 Concen: 39.98 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Instrument :
 BNA_F
 ClientSampleId :
 TOD-SB-01-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	238478		
198	98.1	79.4	119.2	
97	58.7	51.5	77.3	
132	33.2	27.4	41.2	

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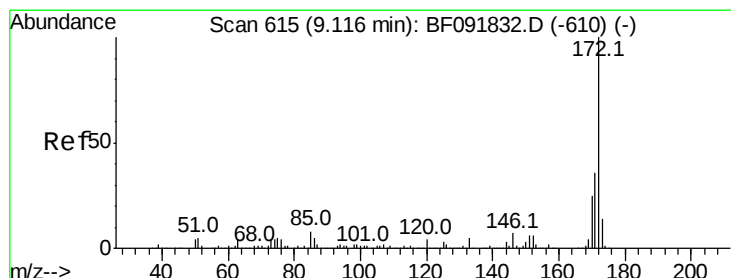
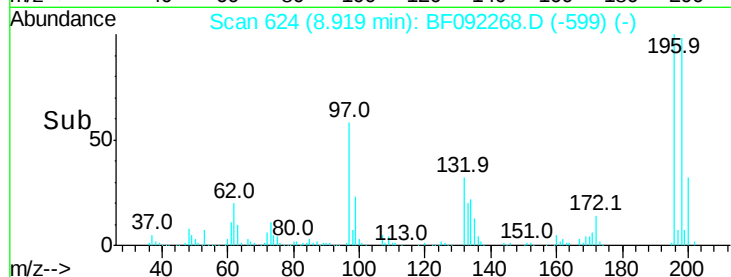
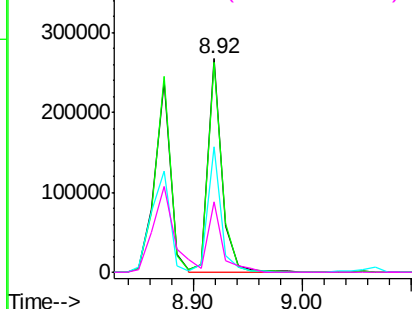
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.06 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

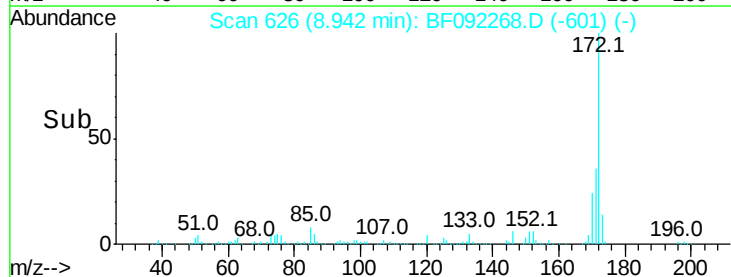
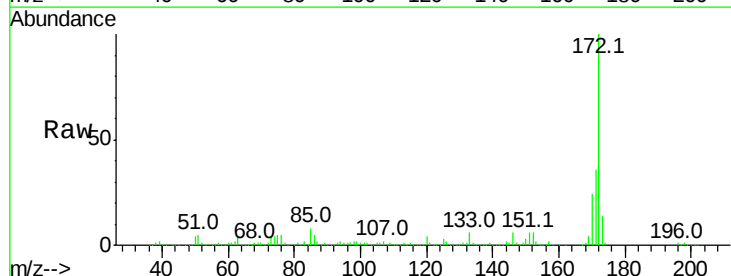
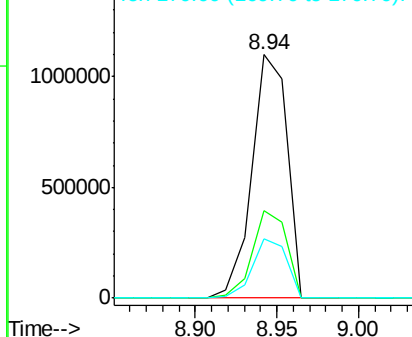
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1646953		
171	35.7	29.4	44.0	
170	24.1	20.2	30.4	

Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.53 ng

RT: 9.04 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion:154 Resp: 1045196

Ion Ratio Lower Upper

154 100

153 39.8 20.9 60.9

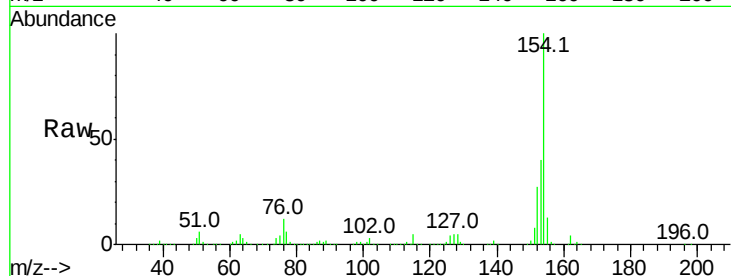
76 12.4 0.0 30.5

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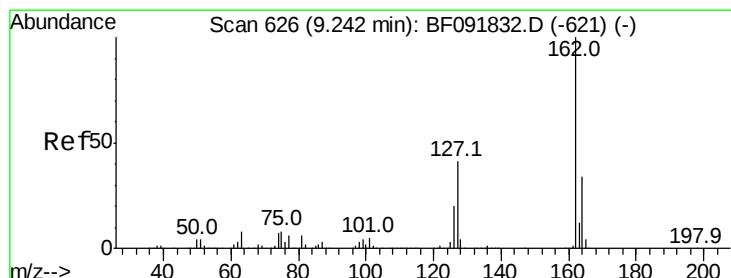
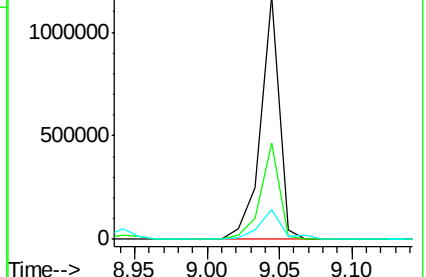
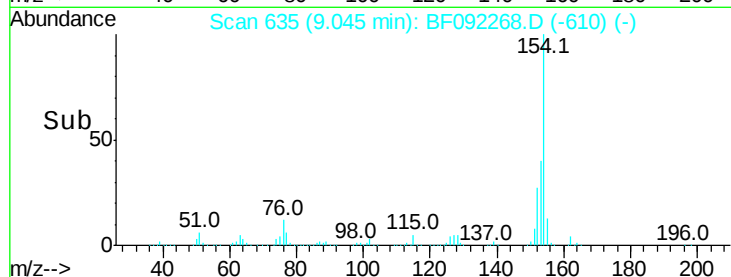
1/16/2017 8:39:26 AM



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: 43.66 ng

RT: 9.07 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

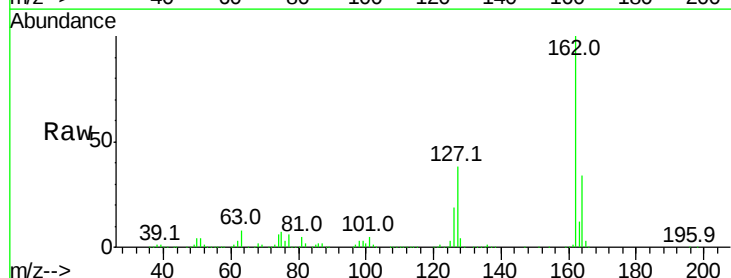
Tgt Ion:162 Resp: 776734

Ion Ratio Lower Upper

162 100

127 38.2 30.7 46.1

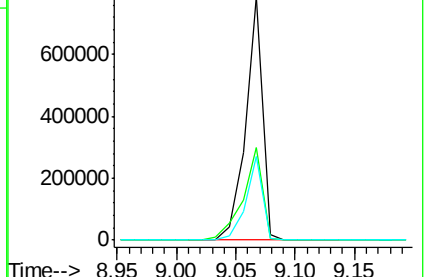
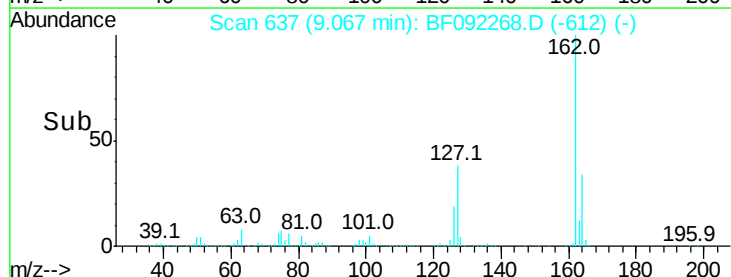
164 34.1 27.6 41.4

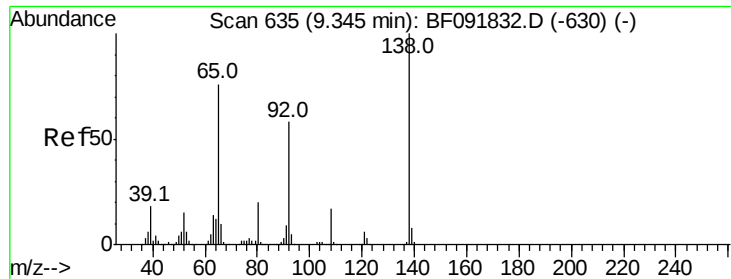


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





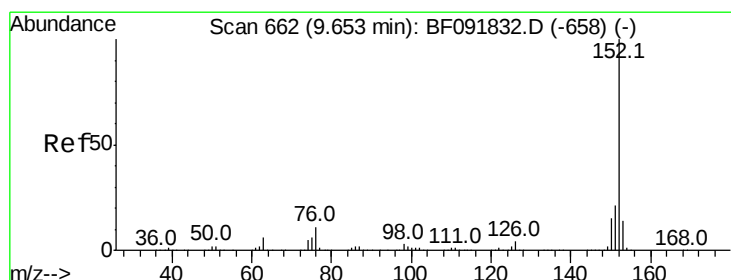
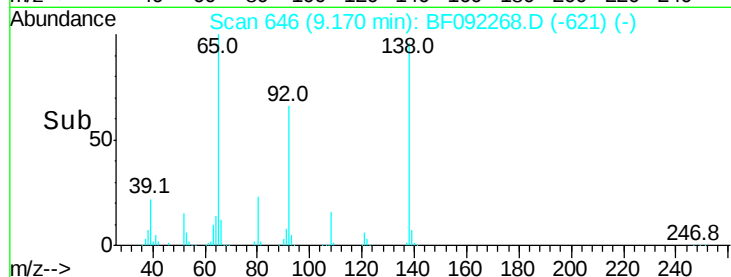
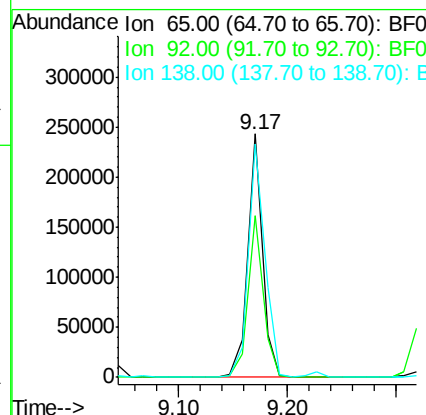
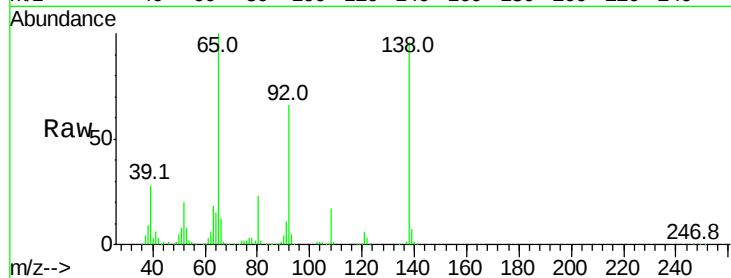
#47
2-Nitroaniline
Concen: 35.78 ng
RT: 9.17 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.4	53.9	80.9
138	95.8	76.8	115.2

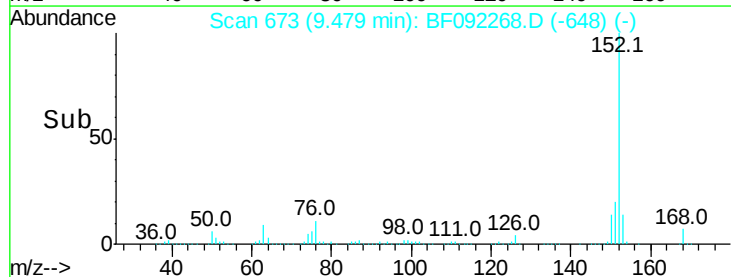
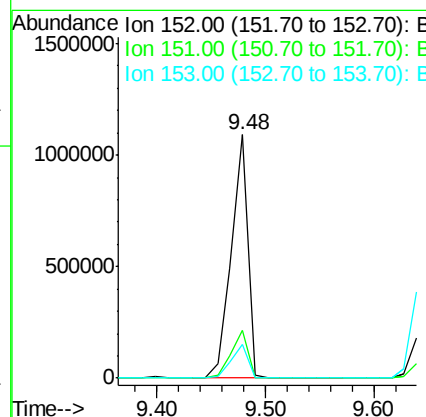
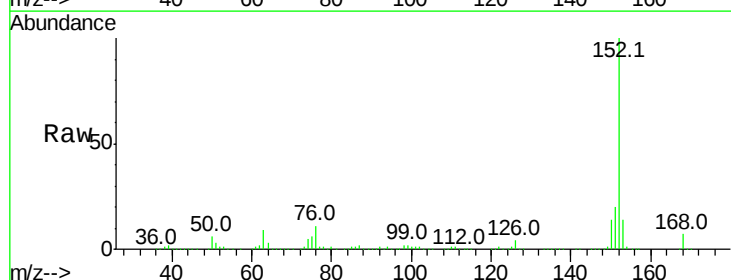
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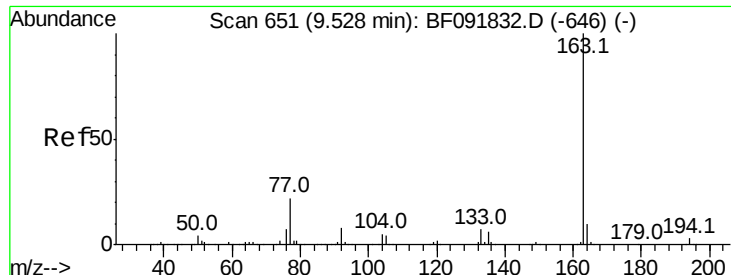
Sohil
1/16/2017 8:39:26 AM



#48
Acenaphthylene
Concen: 41.83 ng
RT: 9.48 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.9	25.3
153	13.8	11.4	17.2





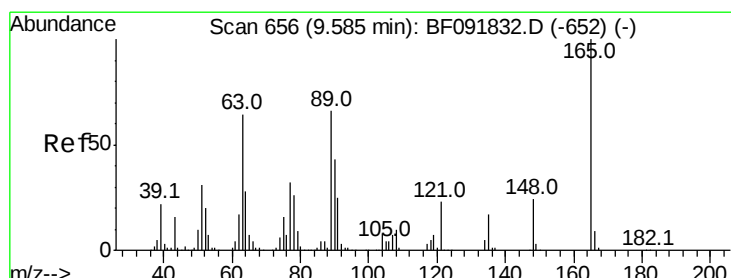
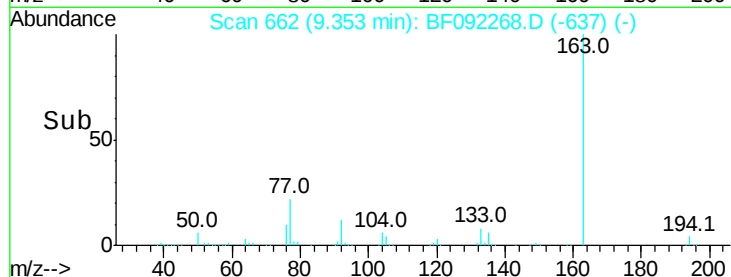
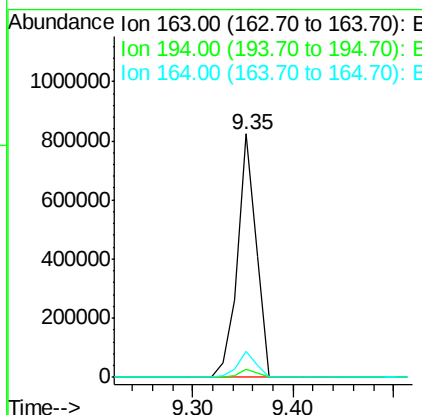
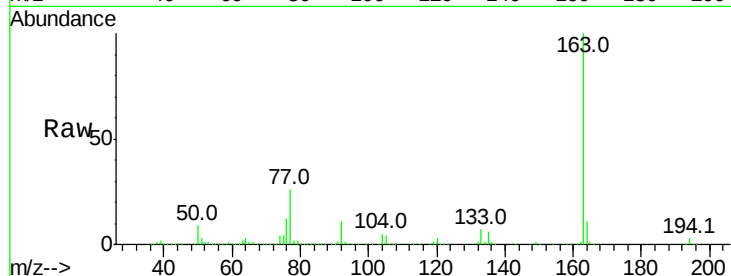
#49
Dimethylphthalate
Concen: 50.57 ng
RT: 9.35 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion:163 Resp: 1061050
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.6 8.0 12.0

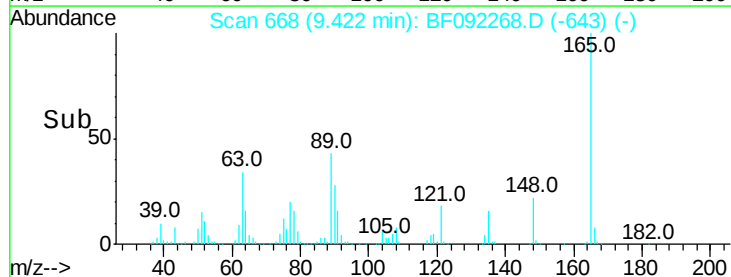
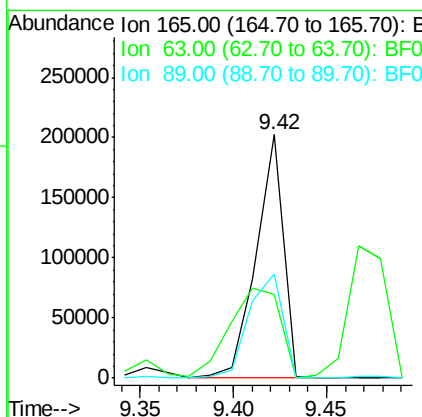
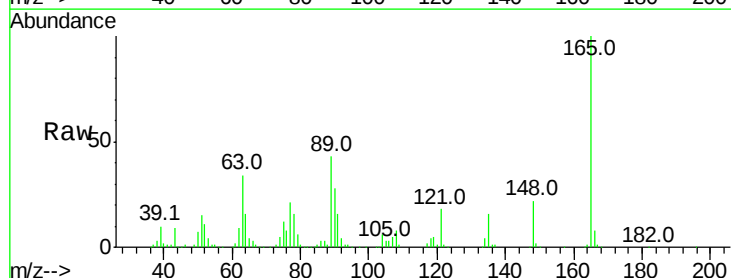
Manual Integrations
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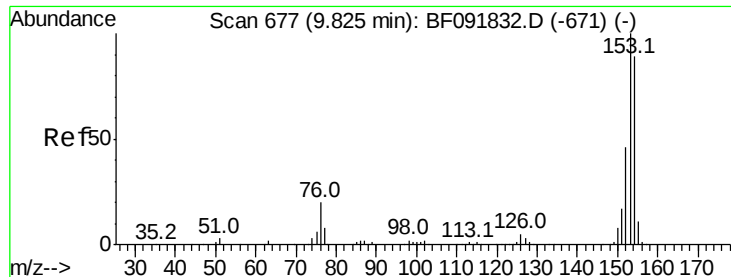
Sohil
1/16/2017 8:39:26 AM



#50
2,6-Dinitrotoluene
Concen: 44.35 ng
RT: 9.42 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion:165 Resp: 203663
Ion Ratio Lower Upper
165 100
63 34.2 36.2 54.4#
89 42.6 40.2 60.4





#51

Acenaphthene

Concen: 43.29 ng

RT: 9.65 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

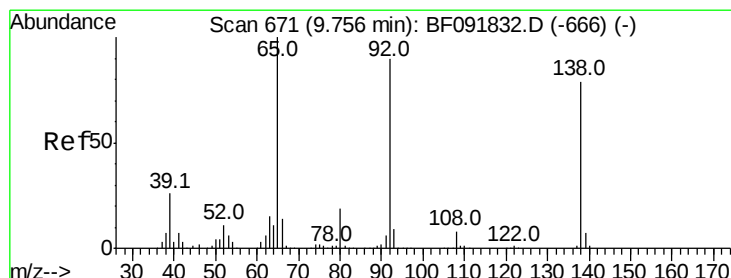
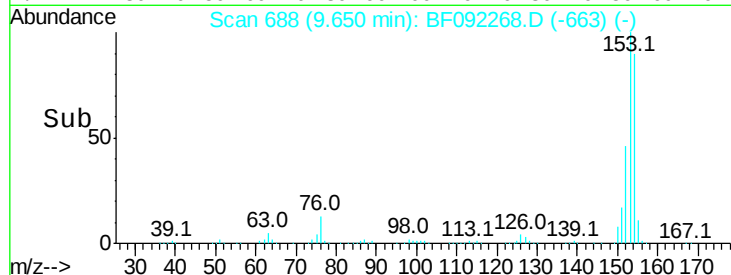
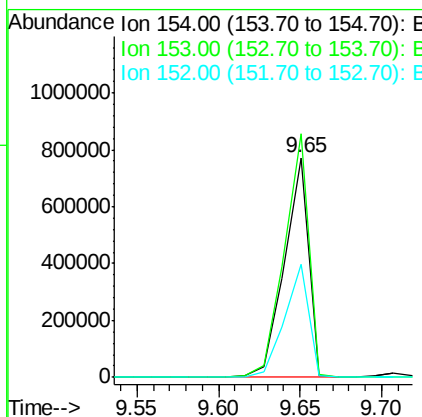
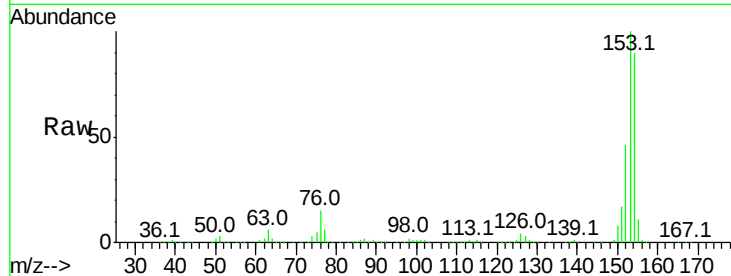
ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion:	154	Resp:	802901
Ion Ratio	Lower	Upper	
154	100		
153	110.8	88.6	133.0
152	51.4	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 26.90 ng

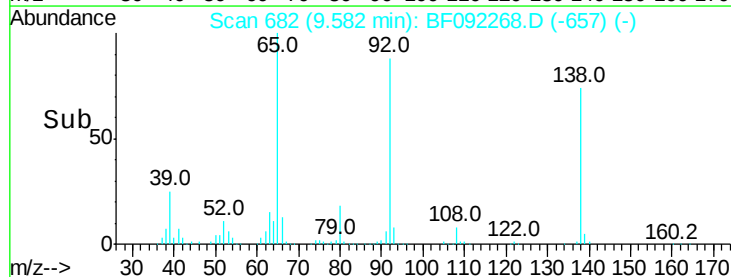
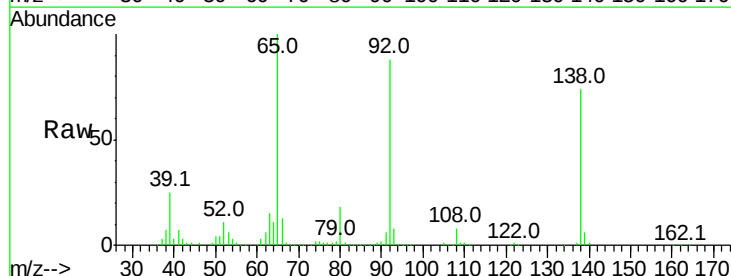
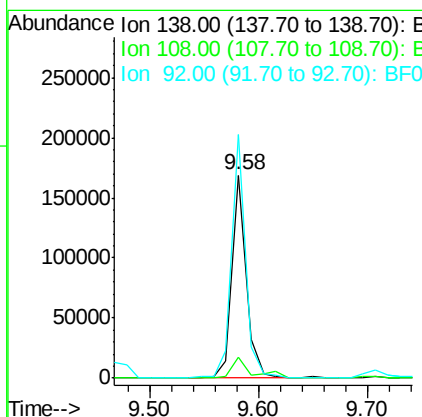
RT: 9.58 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Tgt Ion:	138	Resp:	152907
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.5	12.7
92	119.9	97.8	146.8





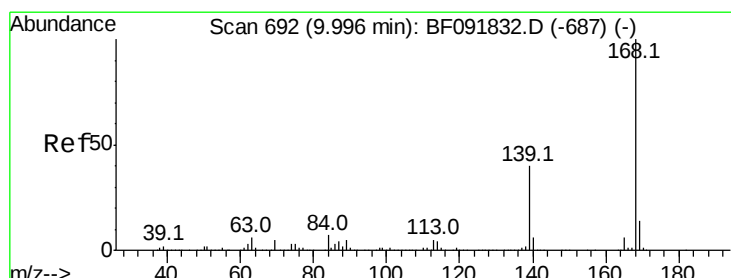
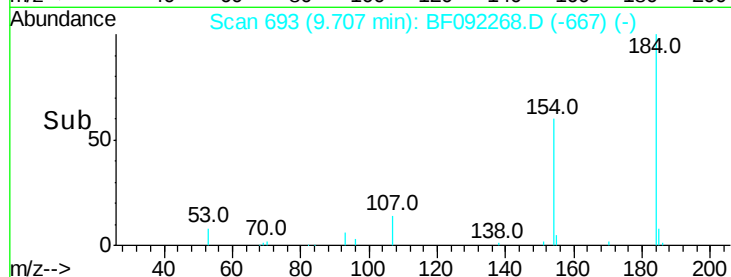
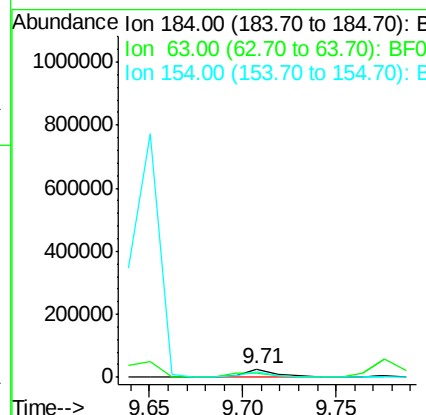
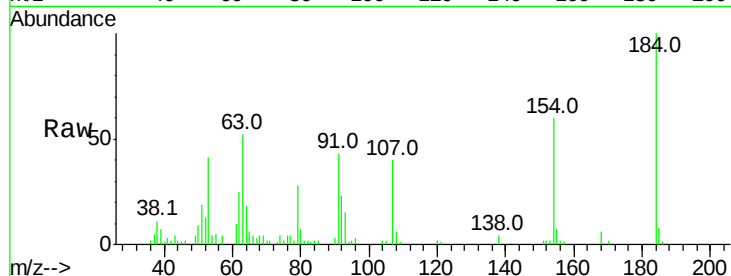
#53
2,4-Dinitrophenol
Concen: 13.45 ng
RT: 9.71 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.3	28.4	42.6#
154	60.2	44.3	66.5

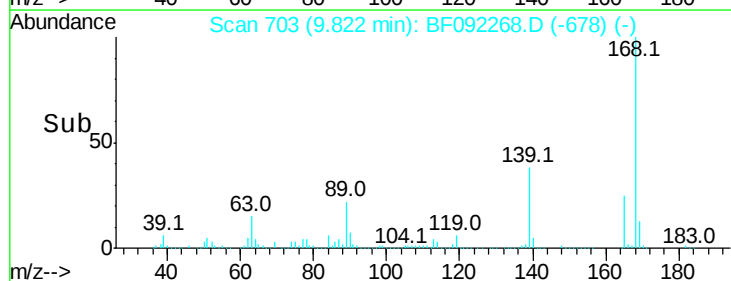
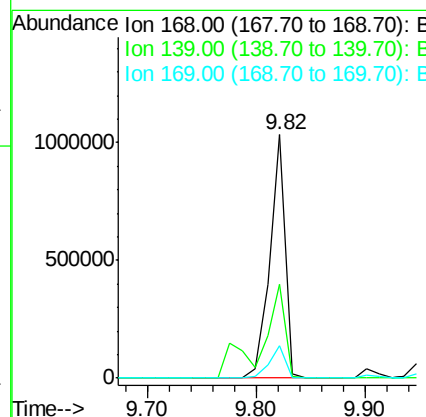
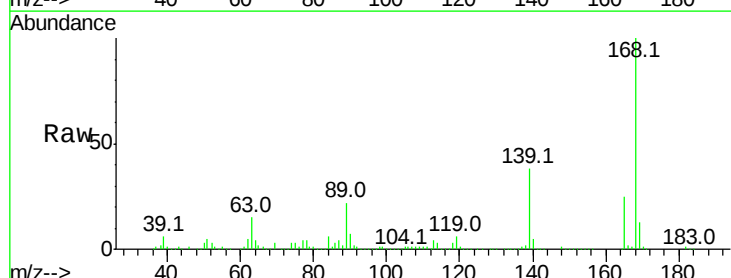
Manual Integrations
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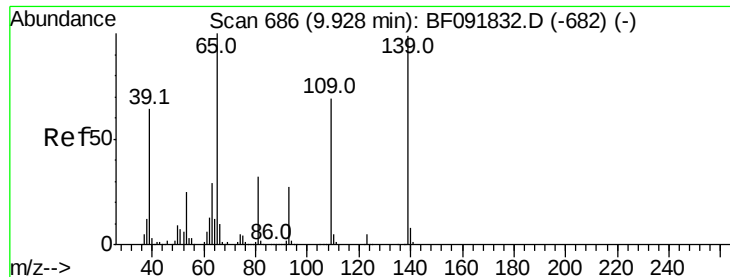
Sohil
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#54
Dibenzofuran
Concen: 41.18 ng
RT: 9.82 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	32.6	49.0
169	13.2	11.3	16.9





#55

4-Nitrophenol

Concen: 54.62 ng/mL

RT: 9.78 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

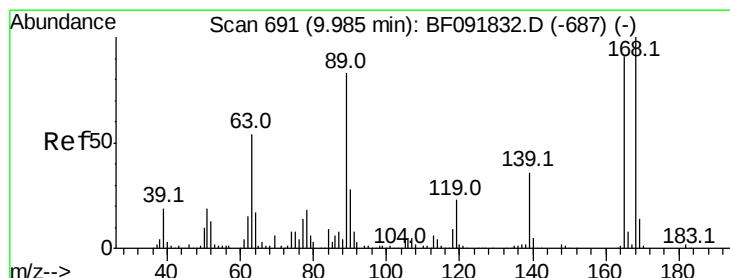
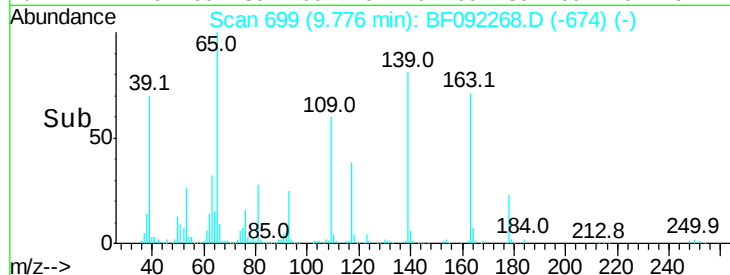
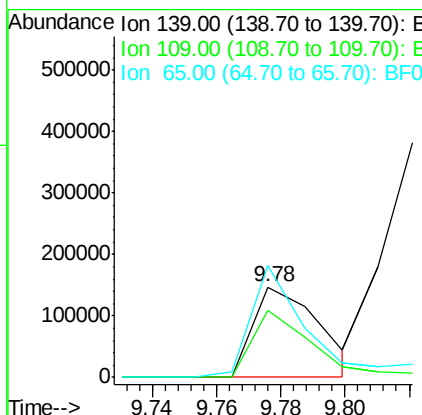
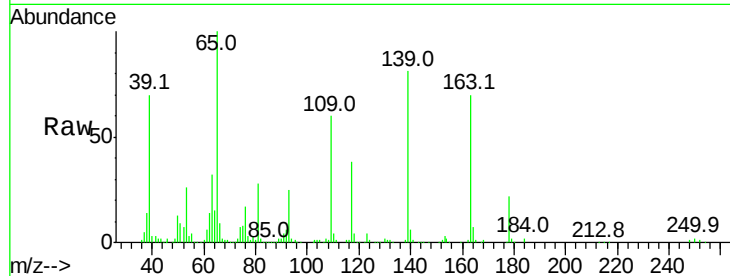
ClientSampleID :

TOD-SB-01-0-2MS

Tot Ion:	139	Resp:	210781
Ion Ratio	Lower	Upper	
139	100		
109	74.3	52.2	92.2
65	123.4	85.8	125.8

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 38.89 ng/mL

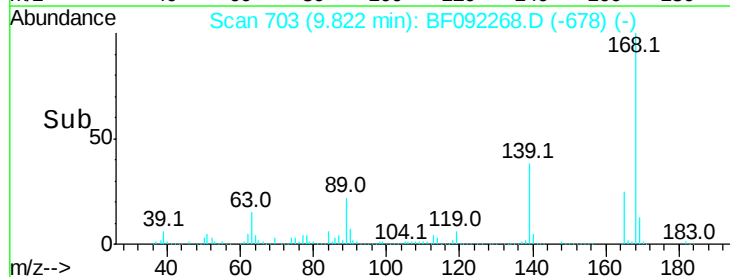
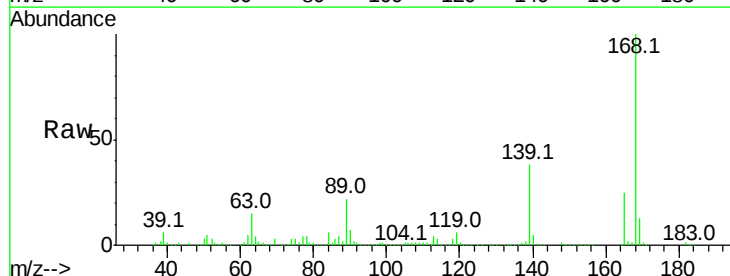
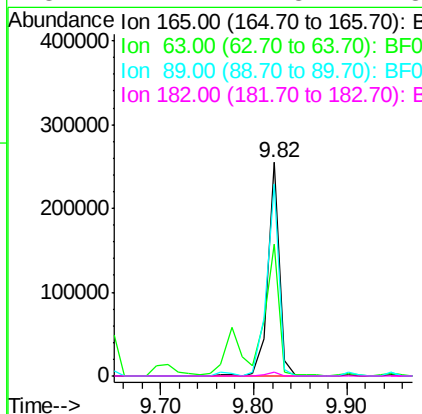
RT: 9.82 min Scan# 703

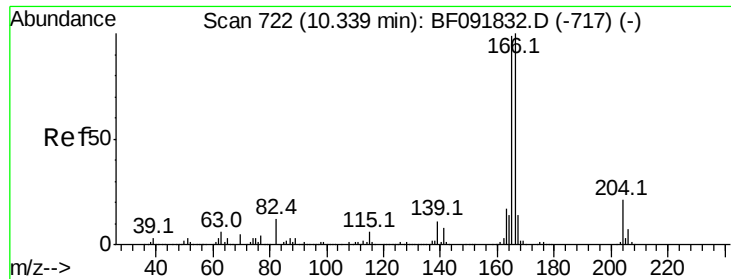
Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Tgt Ion:	165	Resp:	224156
Ion Ratio	Lower	Upper	
165	100		
63	62.0	40.2	60.4#
89	89.8	62.5	93.7
182	2.1	1.8	2.8





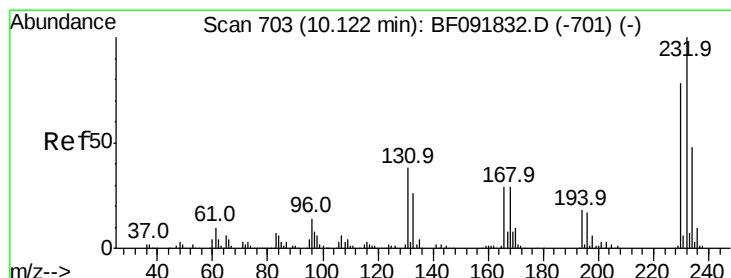
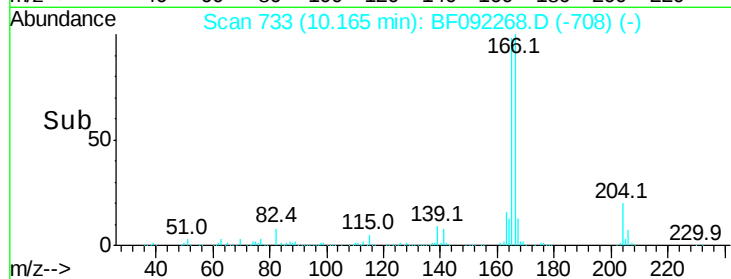
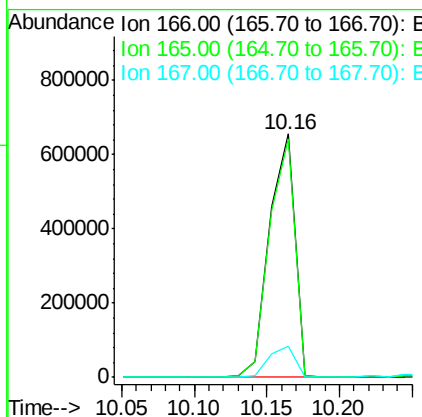
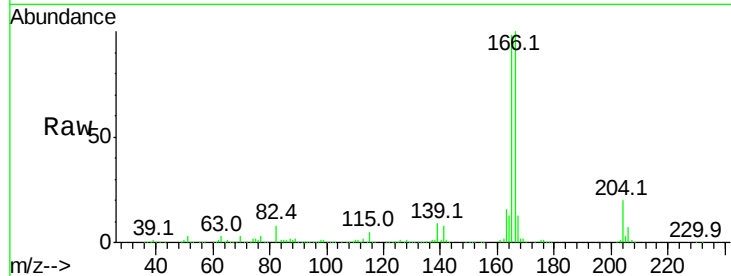
#57
 Fluorene
 Concen: 43.86 ng
 RT: 10.16 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Instrument :
 BNA_F
 ClientSampleId :
 TOD-SB-01-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	799254		
165	97.8		77.8	116.8
167	13.1		10.8	16.2

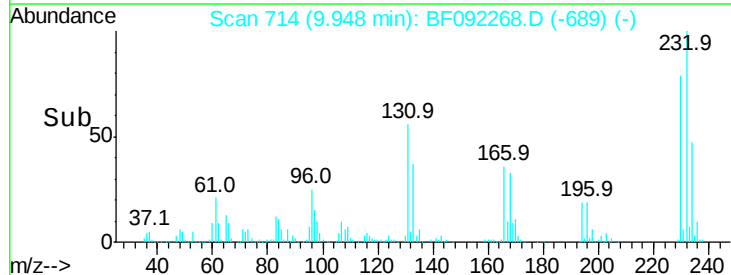
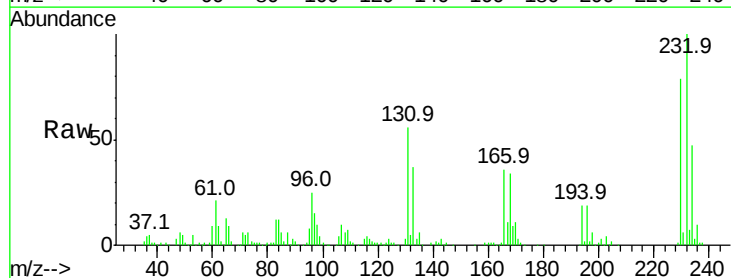
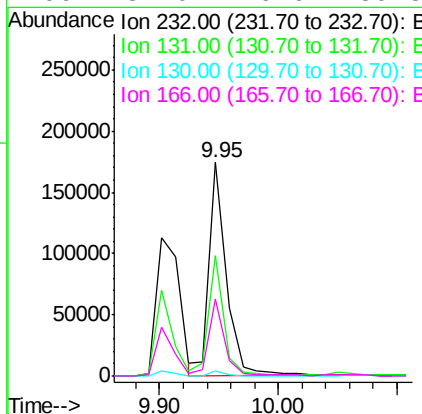
Manual Integrations
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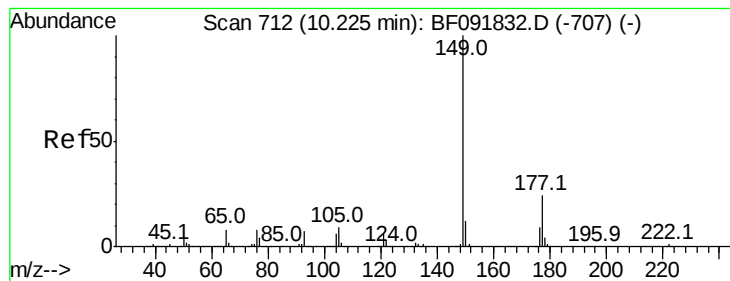
Sohil
 1/16/2017 8:39:26 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.16 ng
 RT: 9.95 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	175330		
131	51.1		40.1	60.1
130	2.3		1.8	2.8
166	32.0		26.6	39.8





#59

Diethylphthalate

Concen: 39.84 ng

RT: 10.05 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

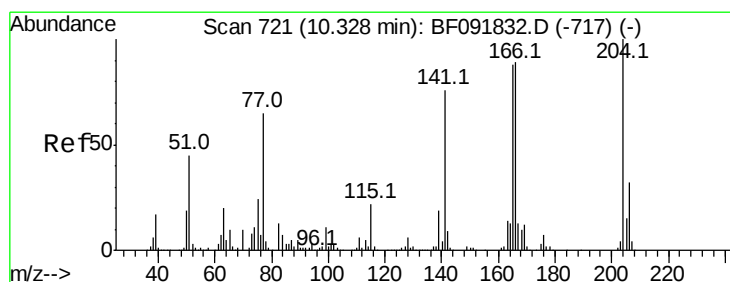
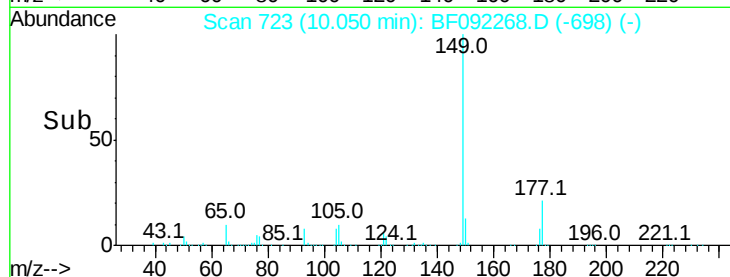
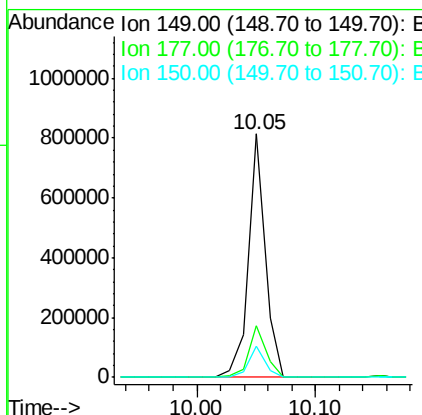
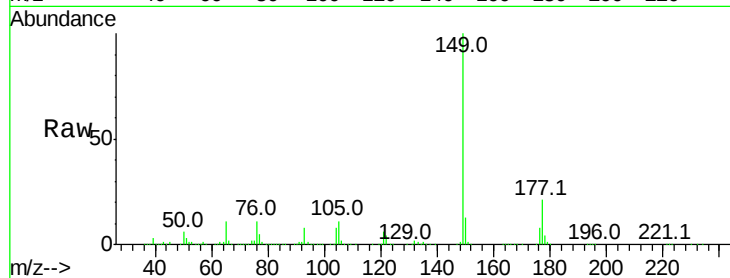
ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion:	149	Resp:	811846
Ion Ratio	Lower	Upper	
149	100		
177	21.2	16.6	25.0
150	12.8	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 39.30 ng

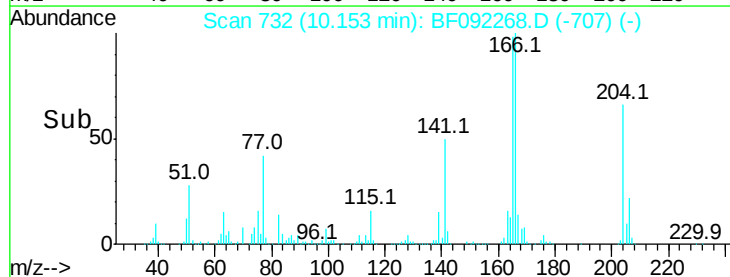
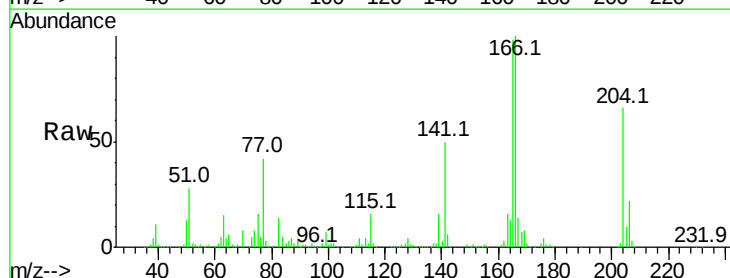
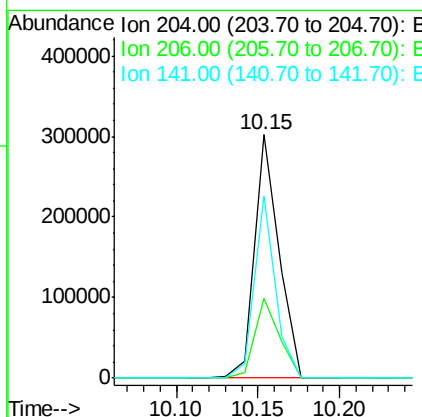
RT: 10.15 min Scan# 732

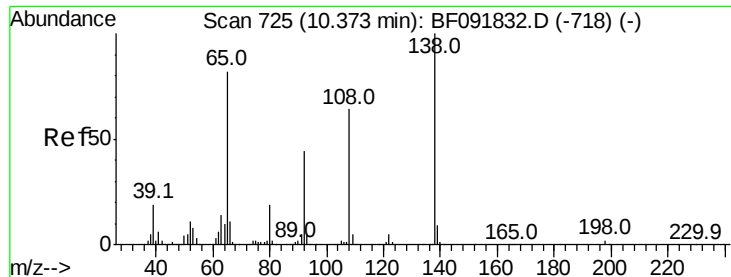
Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Tgt Ion:	204	Resp:	313589
Ion Ratio	Lower	Upper	
204	100		
206	32.8	25.8	38.6
141	75.1	59.4	89.0





#61

4-Nitroaniline

Concen: 33.43 ng

RT: 10.20 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

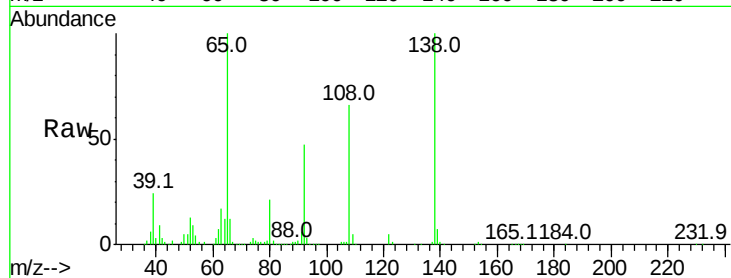
ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion:	138	Resp:	196862
Ion Ratio	Lower	Upper	
138	100		
92	46.9	31.7	71.7
108	66.1	52.6	92.6

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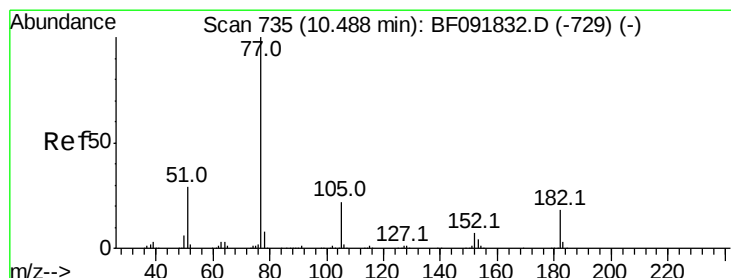
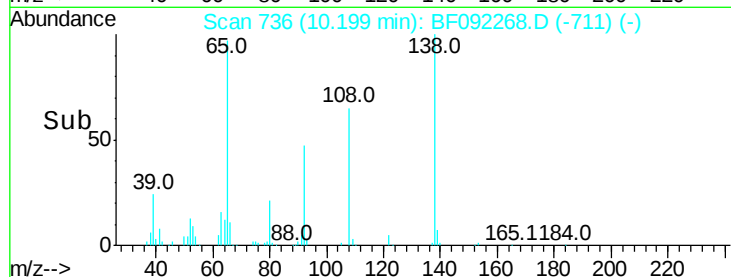
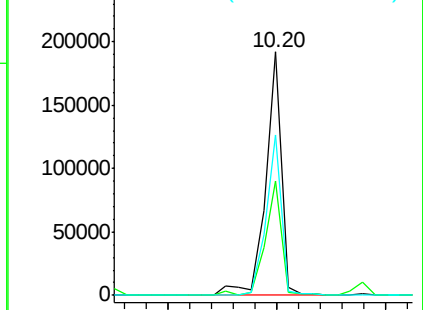
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.96 ng

RT: 10.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

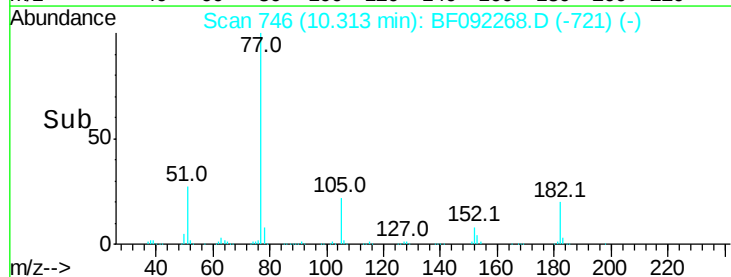
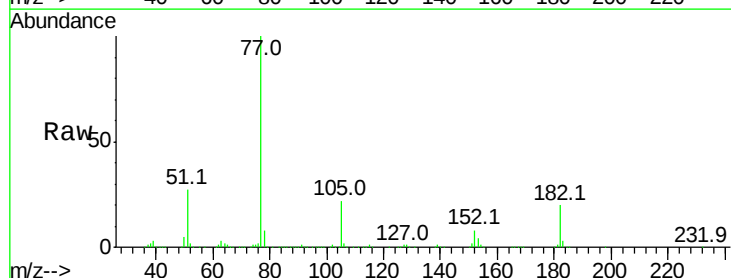
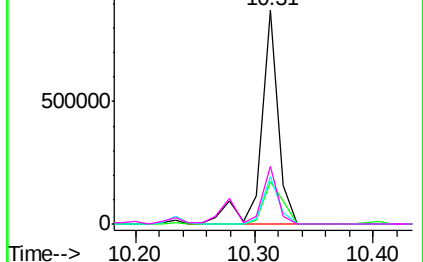
Tgt Ion:	77	Resp:	874073
Ion Ratio	Lower	Upper	
77	100		
182	19.8	0.0	39.3
105	22.4	2.3	42.3
51	27.2	8.9	48.9

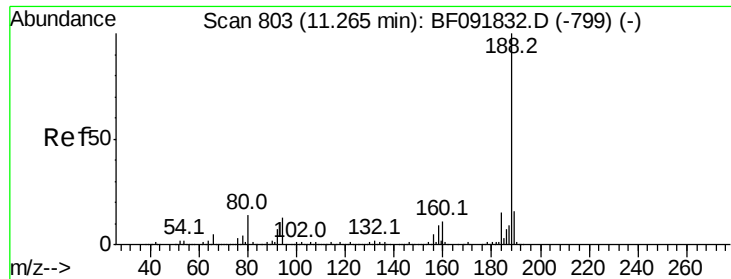
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





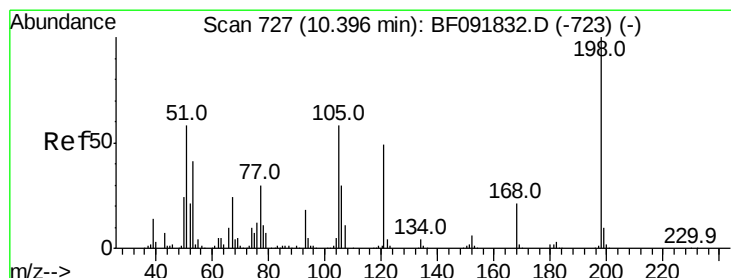
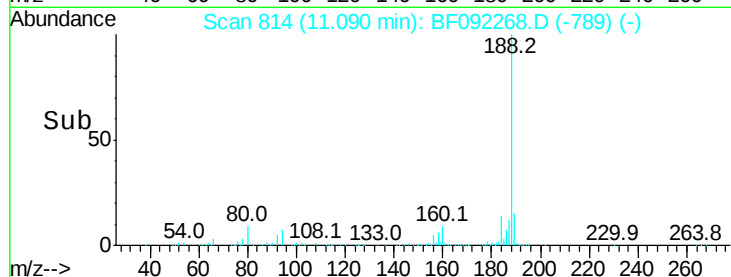
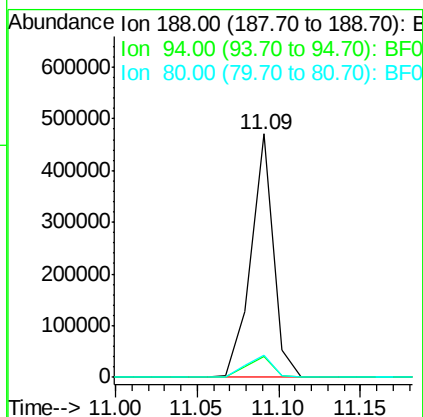
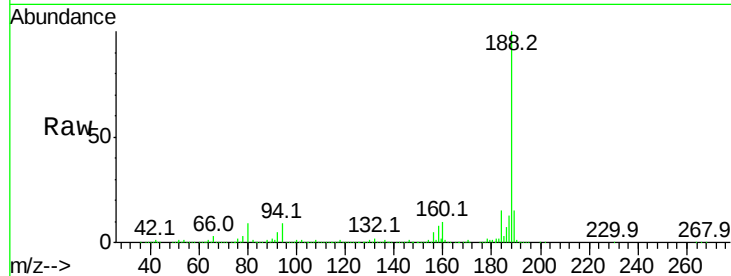
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.7	10.0	15.0#	
80	9.2	11.2	16.8#	

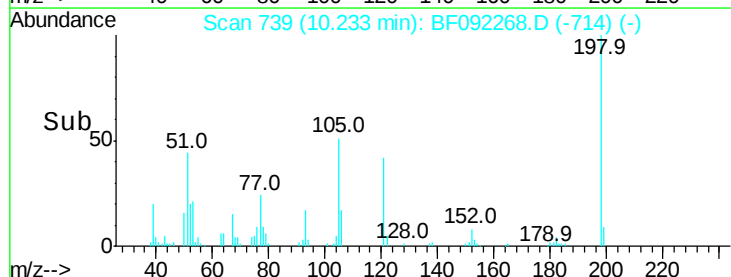
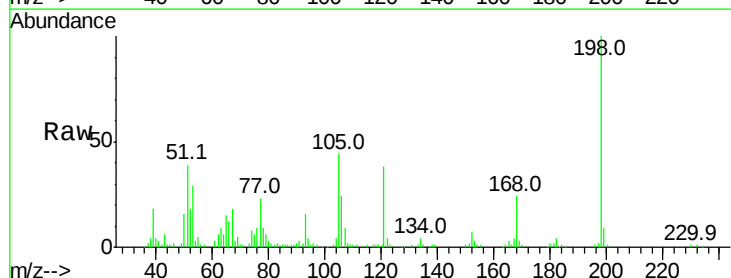
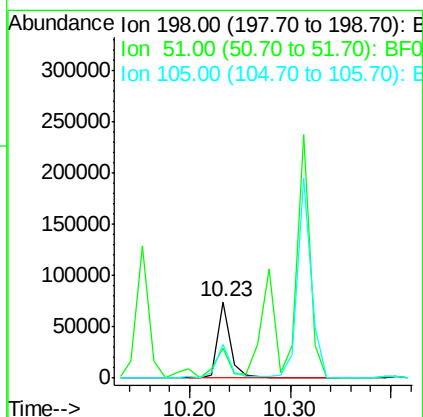
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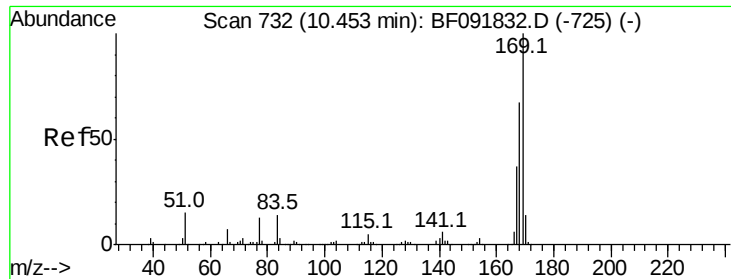
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.46 ng
RT: 10.23 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	38.5	6.7	46.7	
105	44.2	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 49.04 ng

RT: 10.28 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

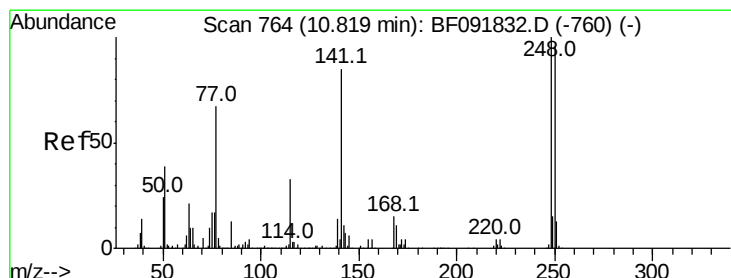
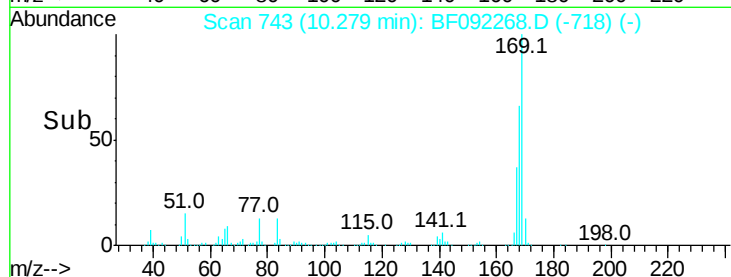
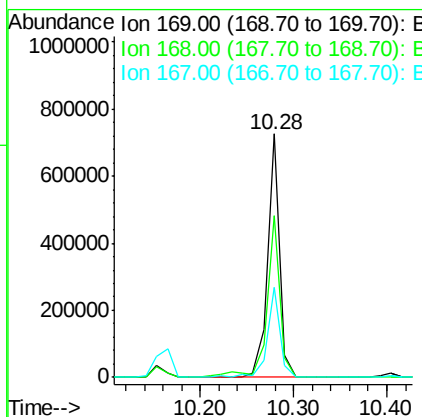
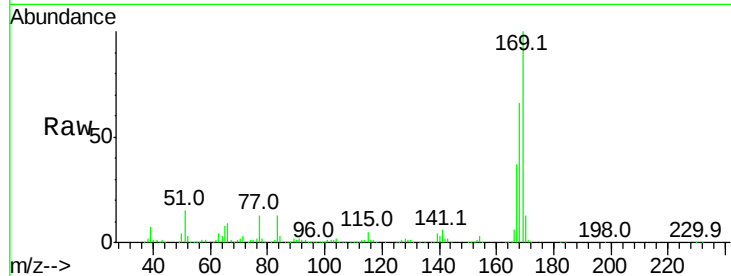
ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion:	169	Resp:	656060
Ion Ratio	Lower	Upper	
169	100		
168	66.4	54.2	81.2
167	37.1	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 46.77 ng

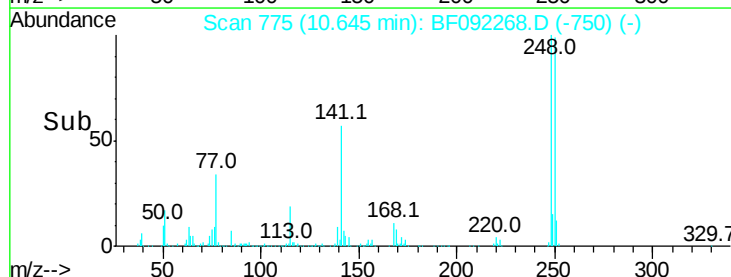
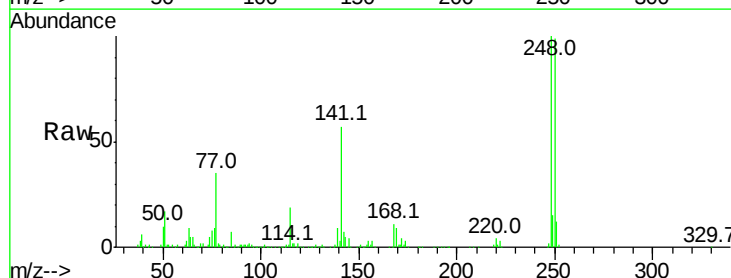
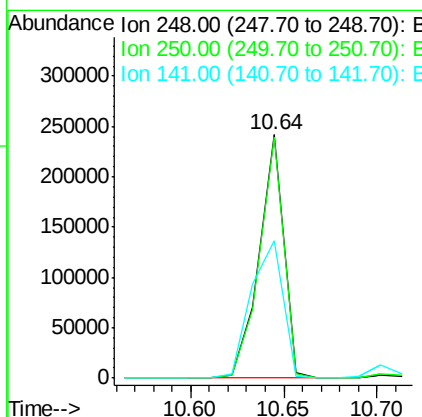
RT: 10.64 min Scan# 775

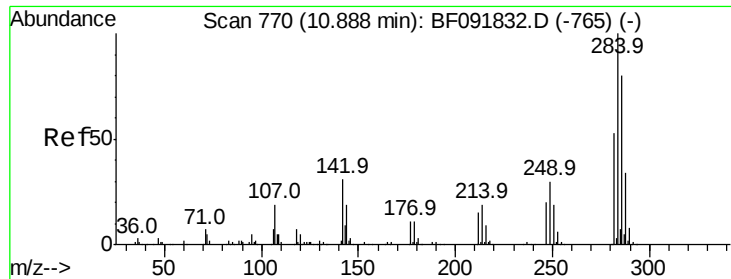
Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Tgt Ion:	248	Resp:	219301
Ion Ratio	Lower	Upper	
248	100		
250	99.0	76.9	115.3
141	56.6	68.2	102.4#





#67

Hexachlorobenzene

Concen: 39.48 ng

RT: 10.70 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

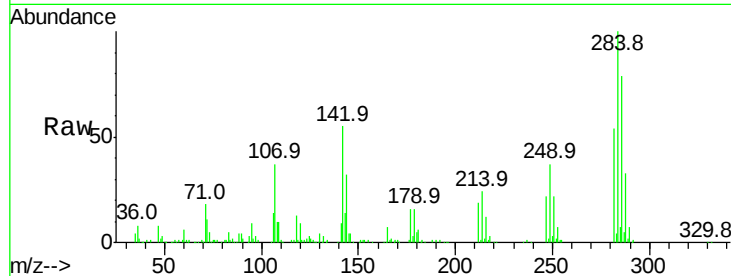
ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	197909		
142	55.0	22.6	33.8#	
249	36.7	25.4	38.0	

Manual Integrations
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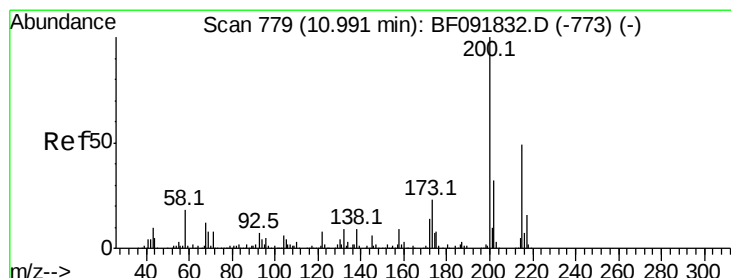
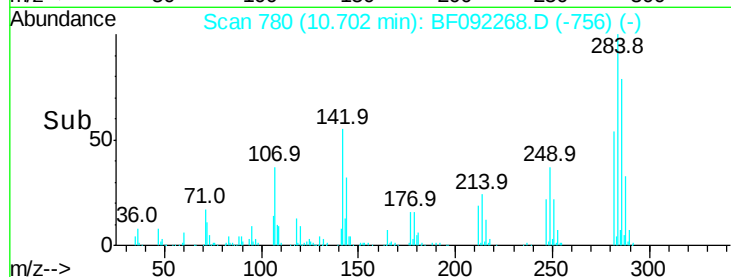
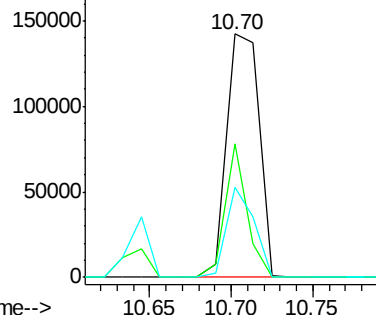
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.28 ng

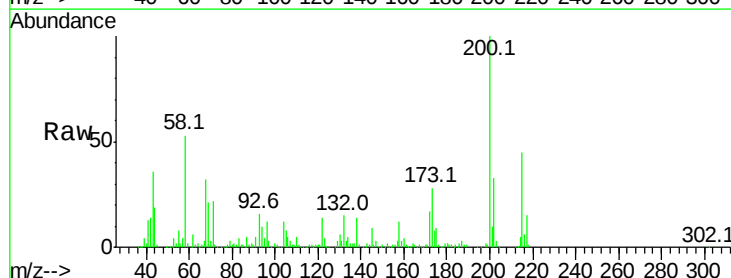
RT: 10.82 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

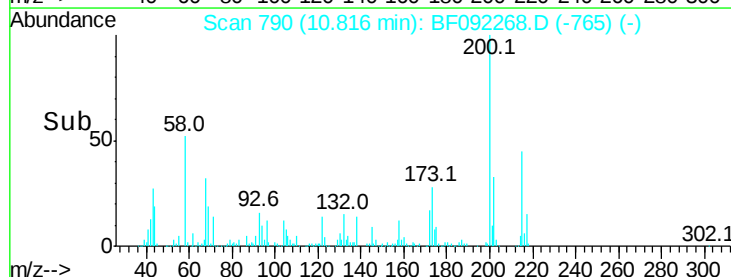
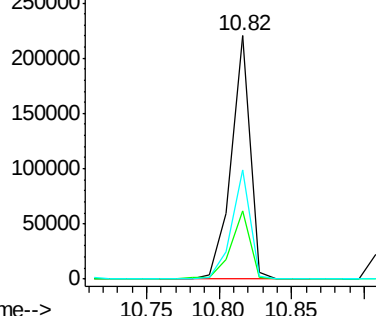
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	199716		
173	28.3	9.6	49.6	
215	44.7	25.7	65.7	



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





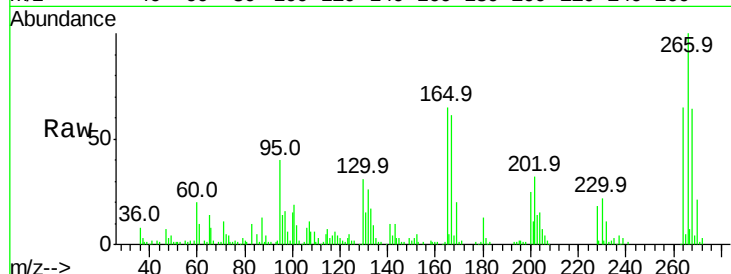
#69
 Pentachlorophenol
 Concen: 62.29 ng
 RT: 10.91 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Instrument :
 BNA_F
 ClientSampleId :
 TOD-SB-01-0-2MS

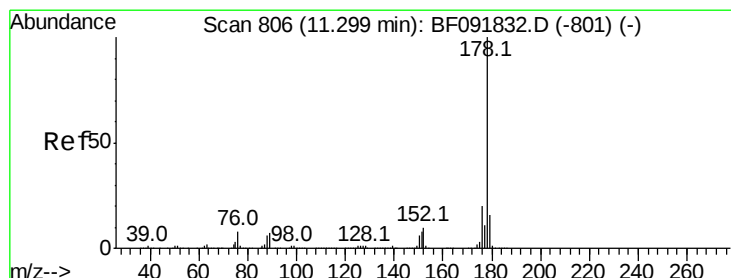
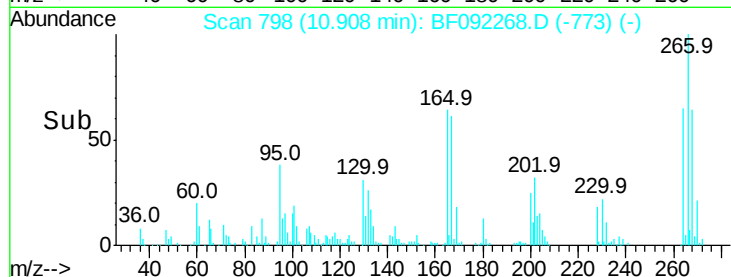
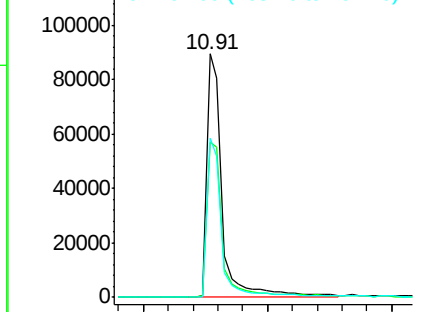
Tot Ion	Ratio	Resp	Lower	Upper
266	100	153197		
268	64.0	53.3	79.9	
264	65.2	50.3	75.5	

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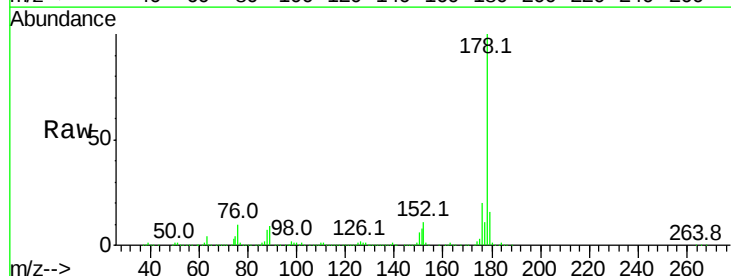


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

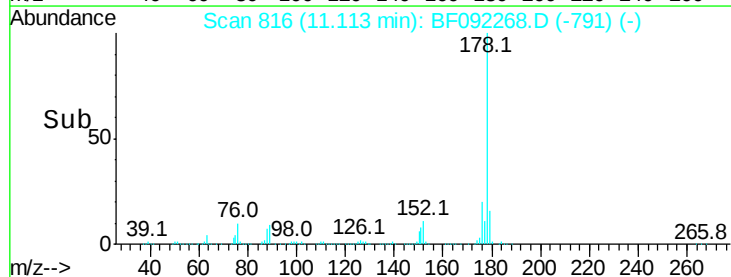
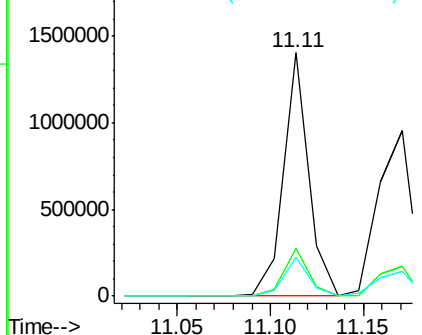


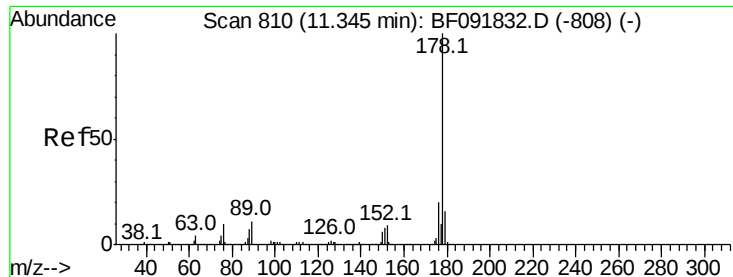
#70
 Phenanthrene
 Concen: 54.08 ng
 RT: 11.11 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1322053		
176	19.7	16.6	25.0	
179	15.9	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





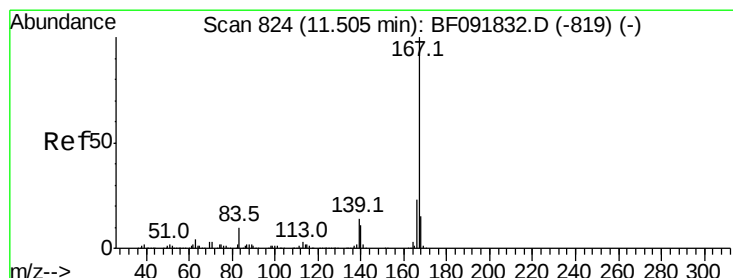
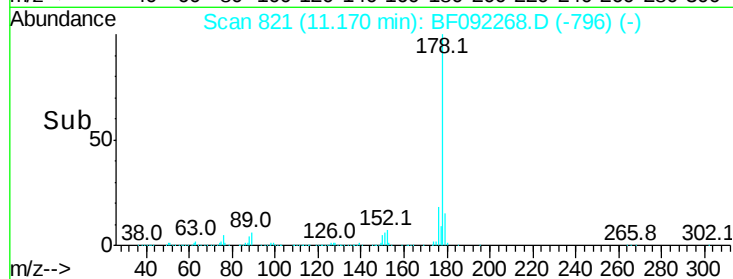
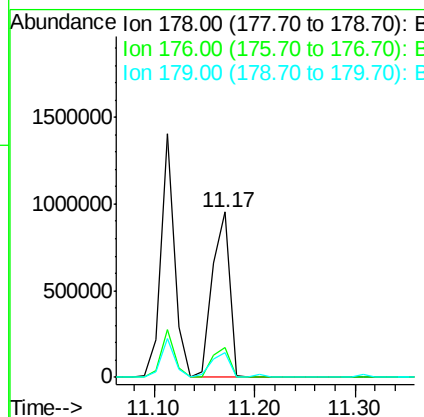
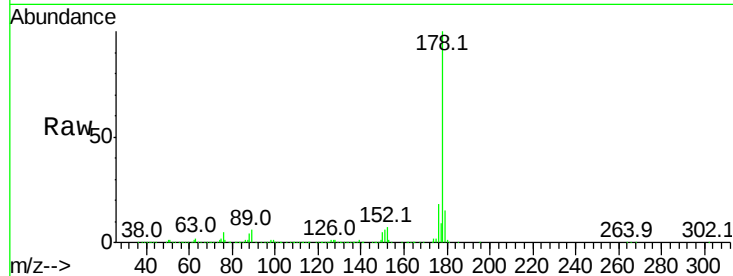
#71
 Anthracene
 Concen: 58.82 ng
 RT: 11.17 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Instrument :
 BNA_F
 ClientSampleId :
 TOD-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	15.3	13.2	19.8

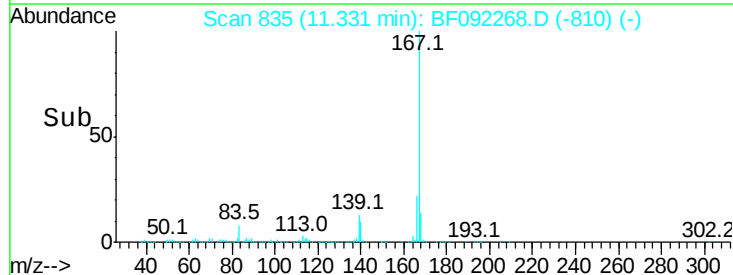
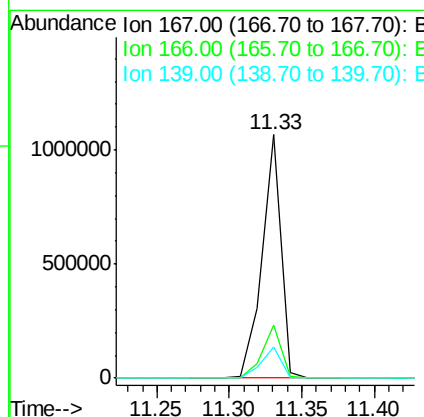
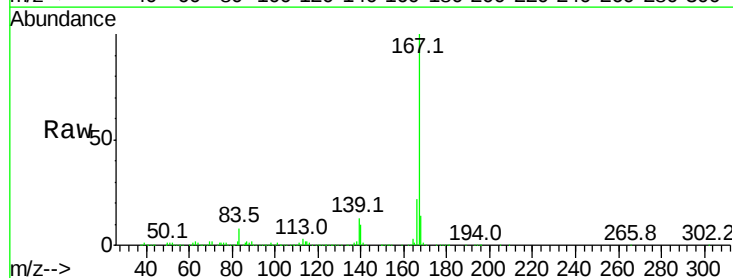
Manual Integrations
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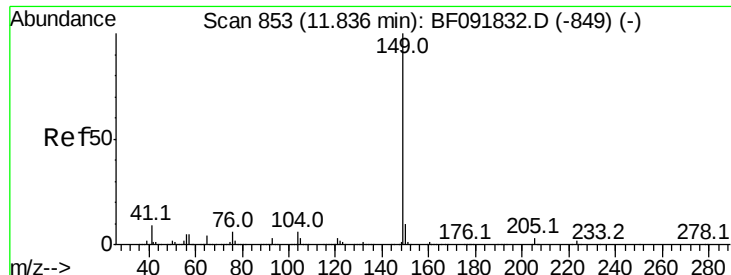
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#72
 Carbazole
 Concen: 50.85 ng
 RT: 11.33 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.2
139	12.8	11.4	17.2





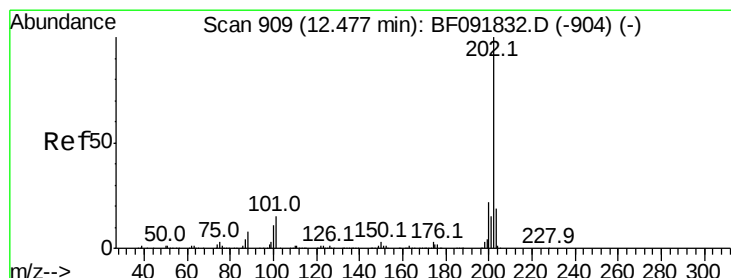
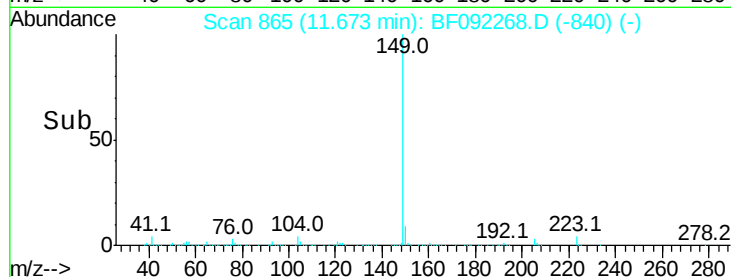
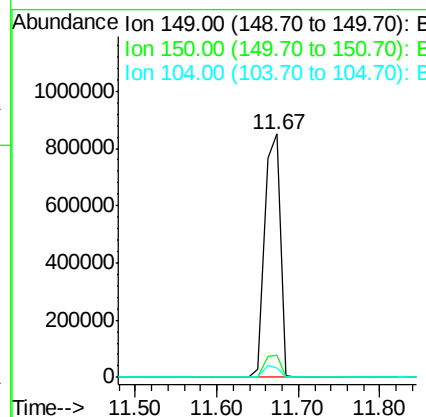
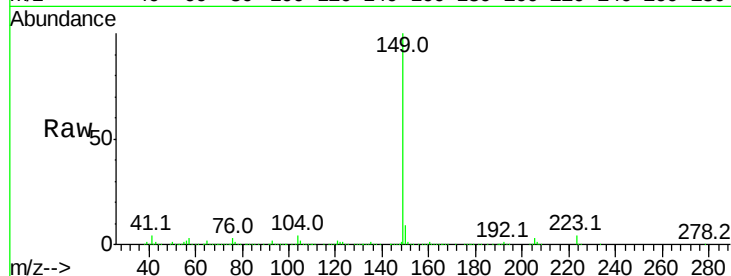
#73
Di-n-butylphthalate
Concen: 49.42 ng
RT: 11.67 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	3.7	4.6	7.0

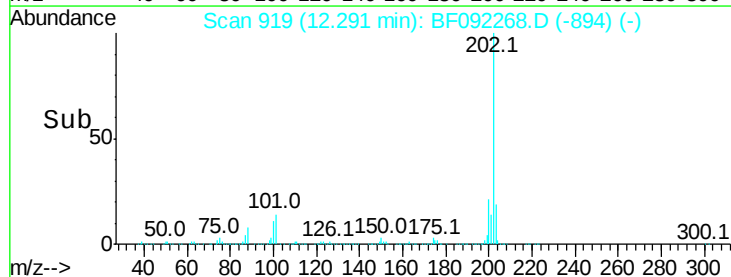
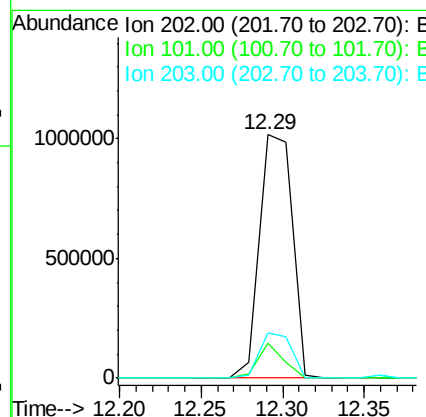
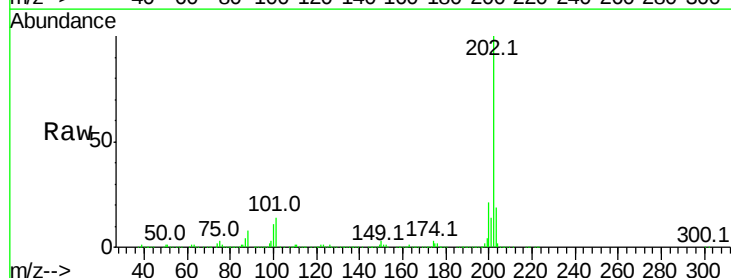
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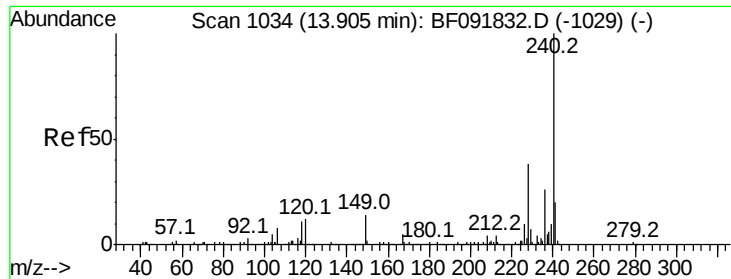
Sohil
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#74
Fluoranthene
Concen: 68.27 ng
RT: 12.29 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.6
203	18.5	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.72 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

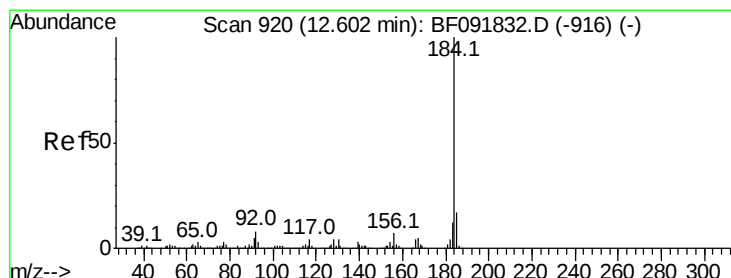
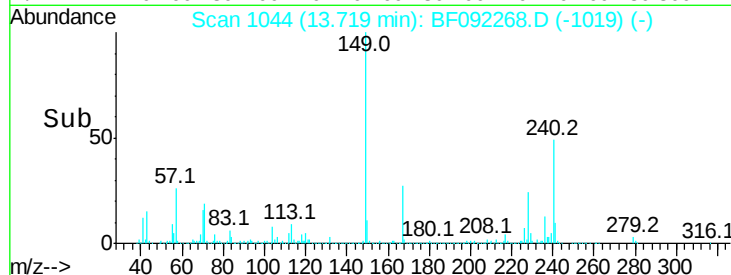
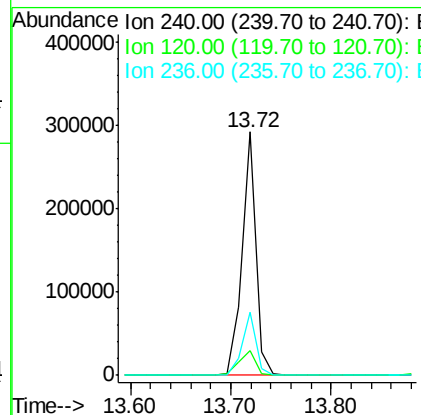
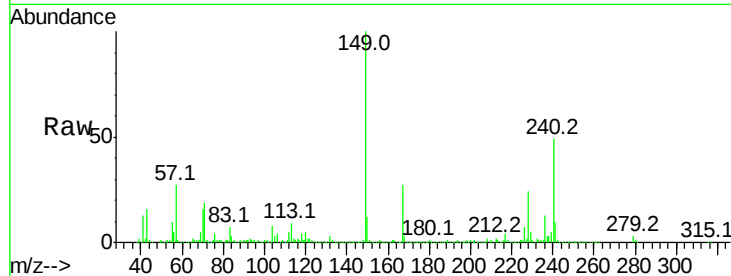
ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion:	240	Resp:	283222
Ion Ratio	Lower	Upper	
240	100		
120	9.9	12.9	19.3#
236	25.9	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 18.41 ng

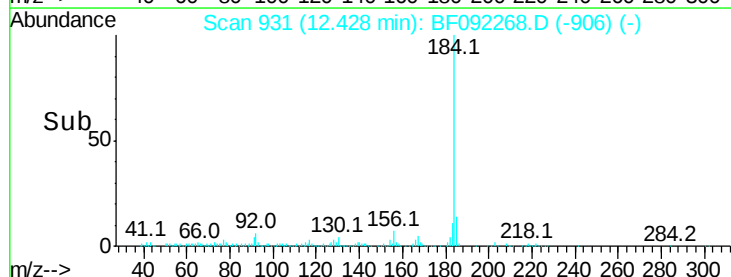
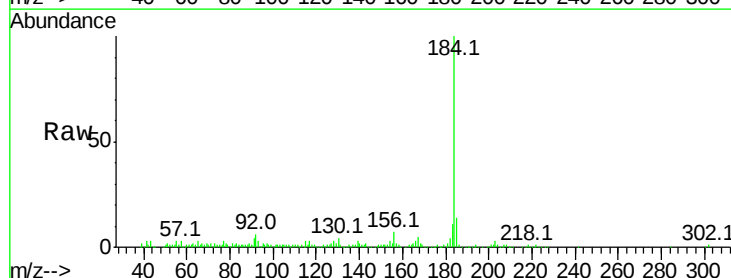
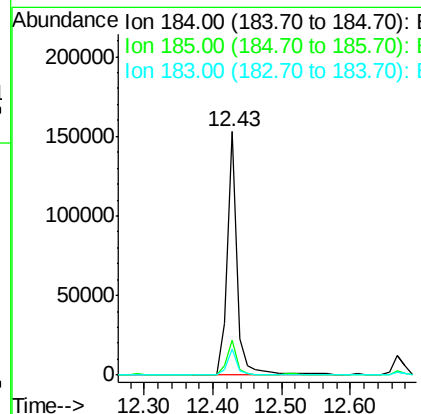
RT: 12.43 min Scan# 931

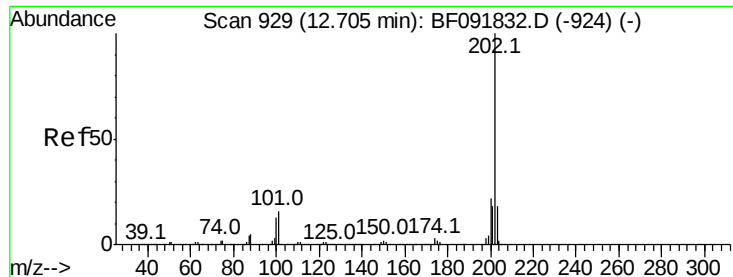
Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Tgt Ion:	184	Resp:	157886
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.4	20.0
183	10.5	9.2	13.8





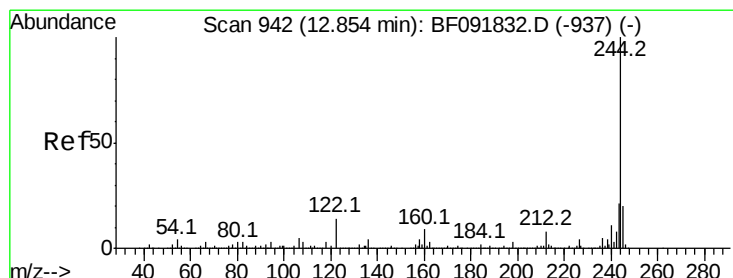
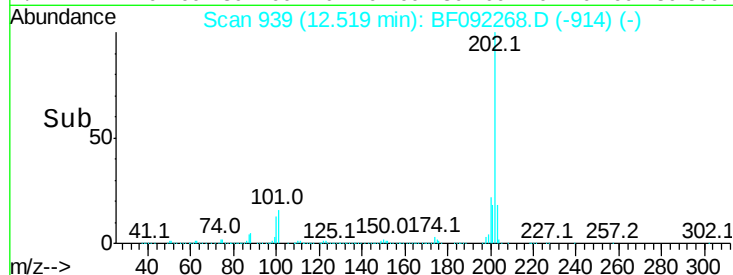
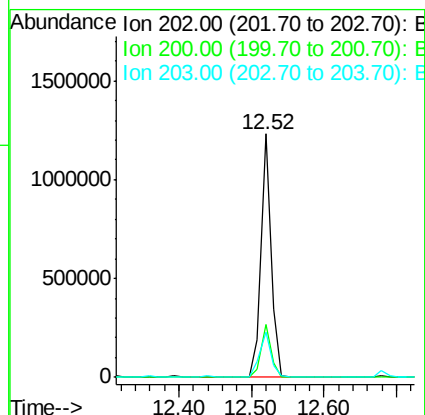
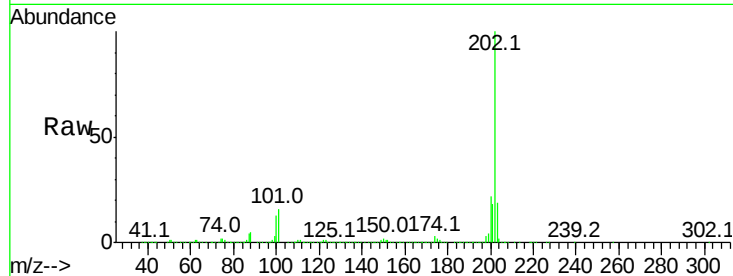
#77
Pvrene
Concen: 58.98 ng
RT: 12.52 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion:202 Resp: 1225606
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 18.7 14.7 22.1

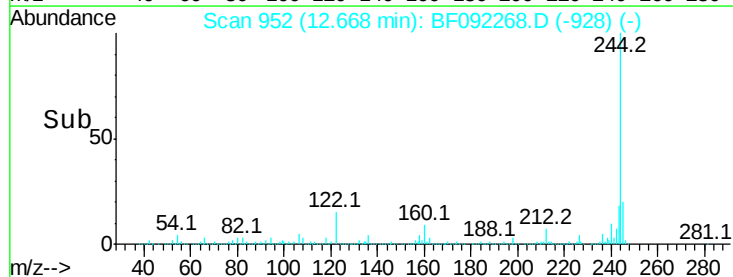
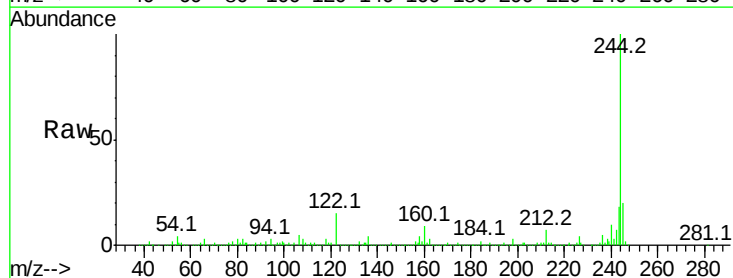
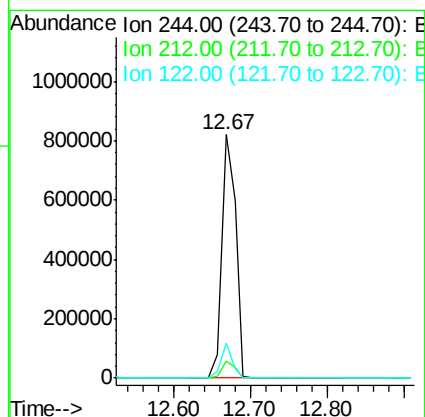
Manual Integrations
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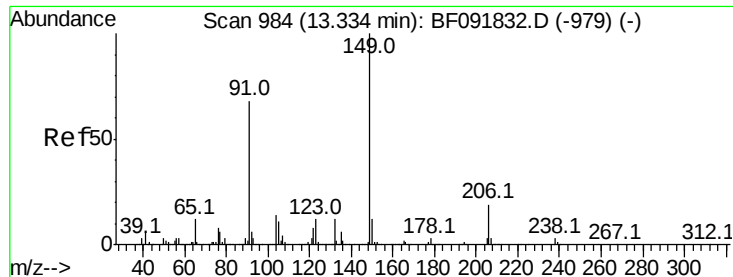
Sohil
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#78
Terphenyl-d14
Concen: 88.59 ng
RT: 12.67 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion:244 Resp: 1034517
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 14.6 11.4 17.2





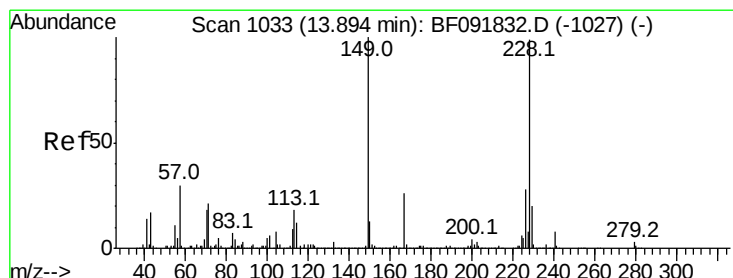
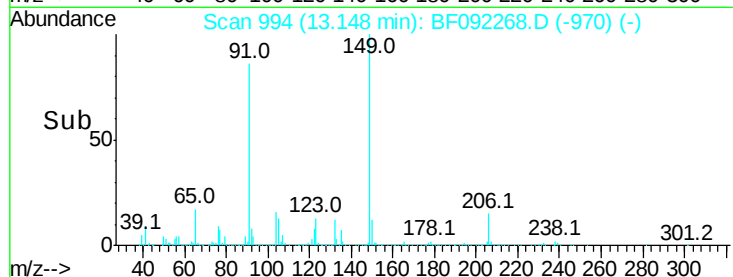
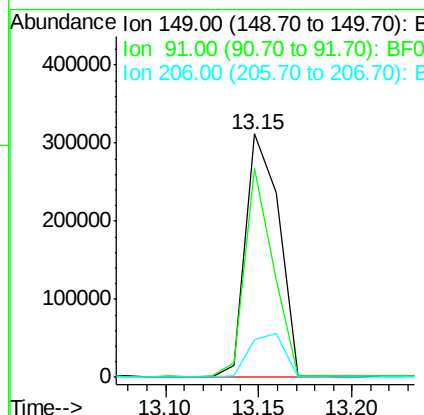
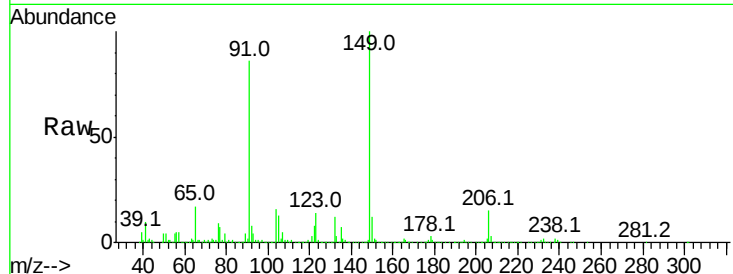
#79
Butylbenzylphthalate
Concen: 40.90 ng
RT: 13.15 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	86.1	63.9	95.9
206	15.2	14.6	21.8

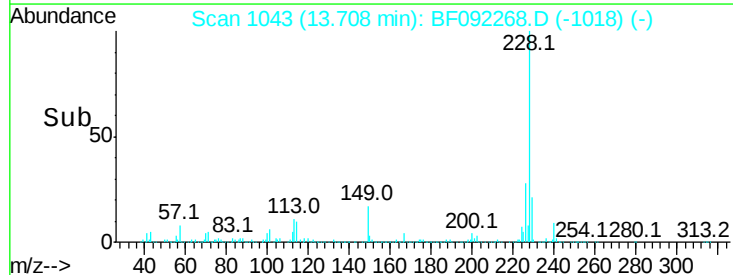
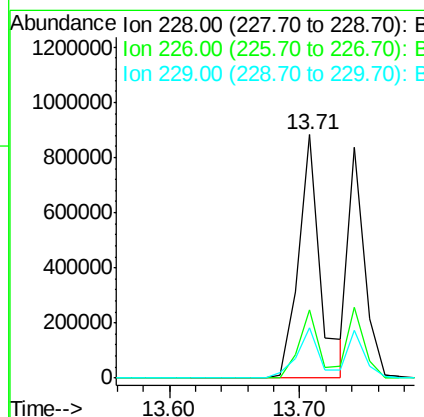
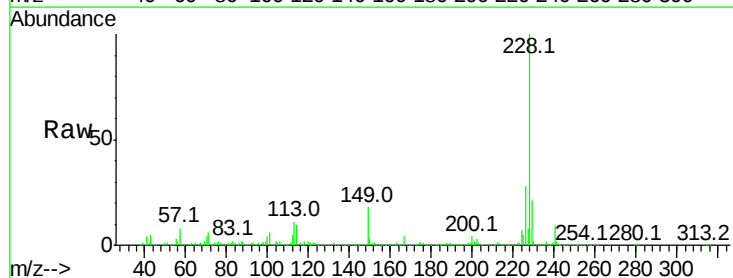
Manual Integrations
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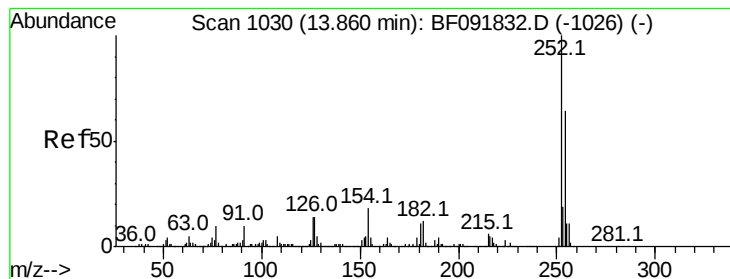
Sohil
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#80
Benzo(a)anthracene
Concen: 63.92 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.2	22.4	33.6
229	20.7	16.2	24.4





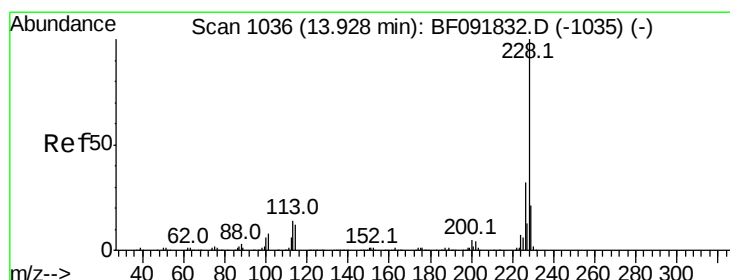
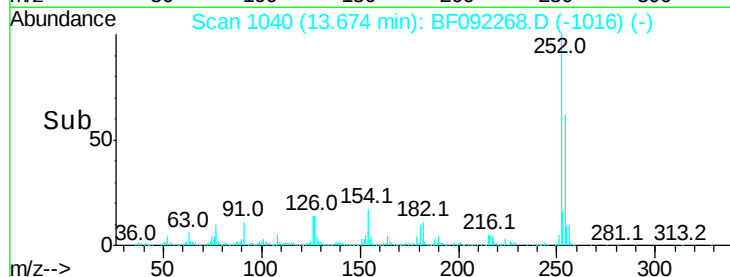
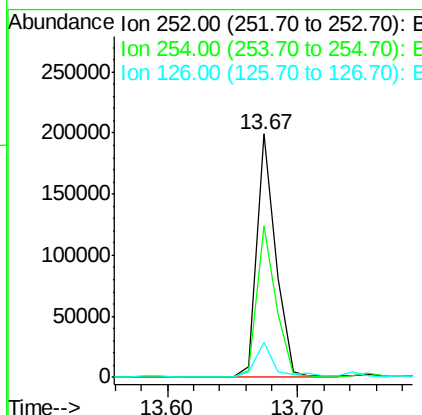
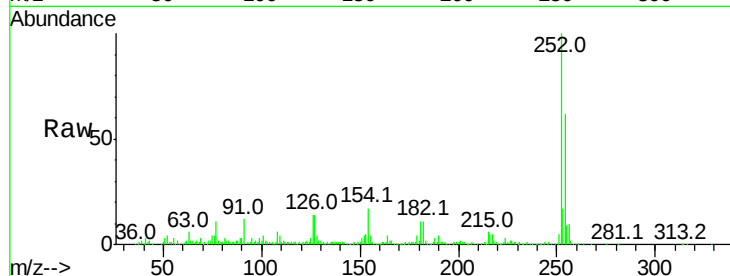
#81
 3,3'-Dichlorobenzidine
 Concen: 33.66 ng
 RT: 13.67 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Instrument :
 BNA_F
 ClientSampleId :
 TOD-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.0	52.3	78.5
126	14.5	13.6	20.4

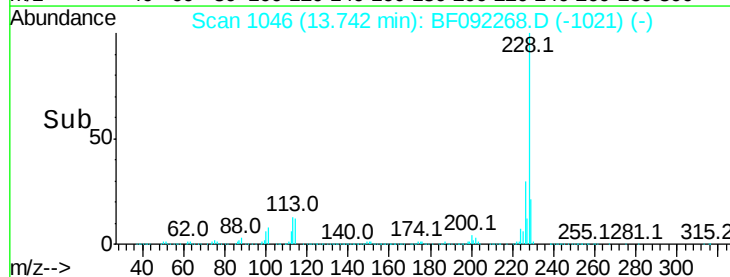
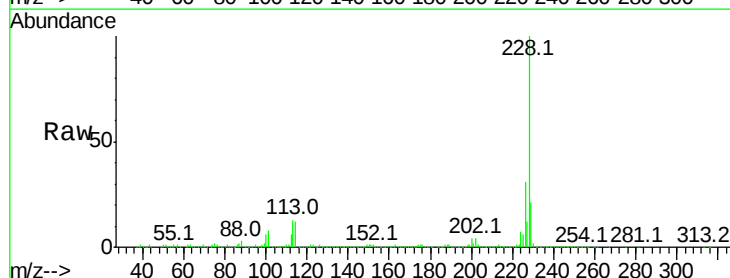
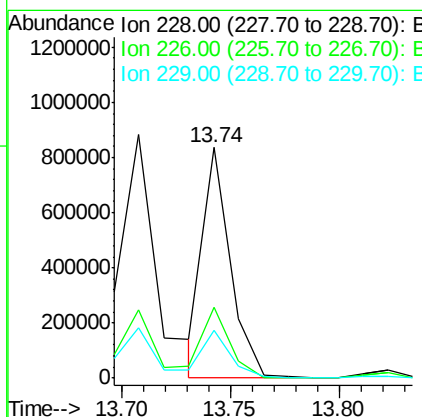
Manual Integrations
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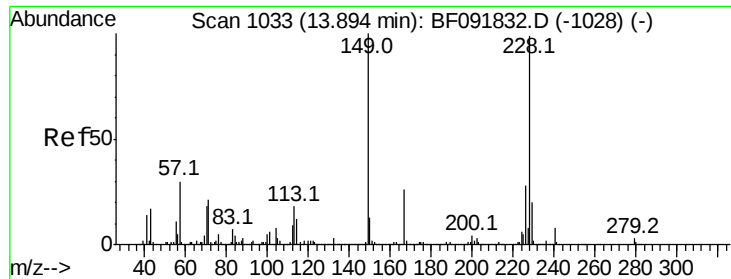
Sohil
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#82
 Chrysene
 Concen: 45.47 ng
 RT: 13.74 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF092268.D
 Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	20.9	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.08 ng

RT: 13.72 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

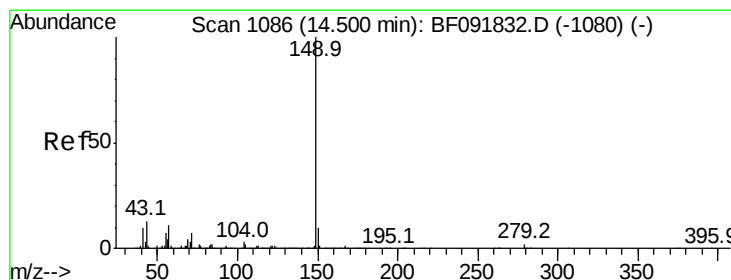
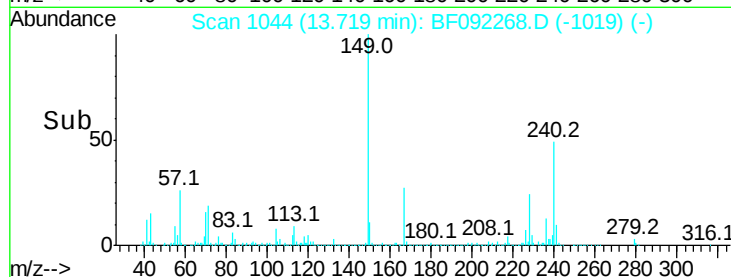
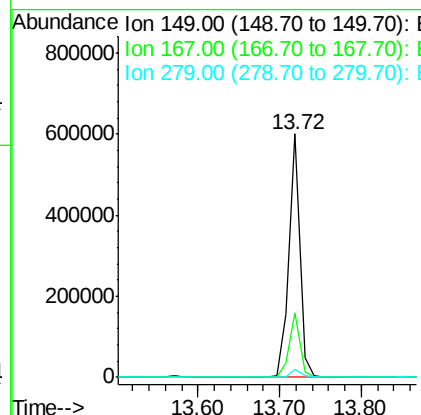
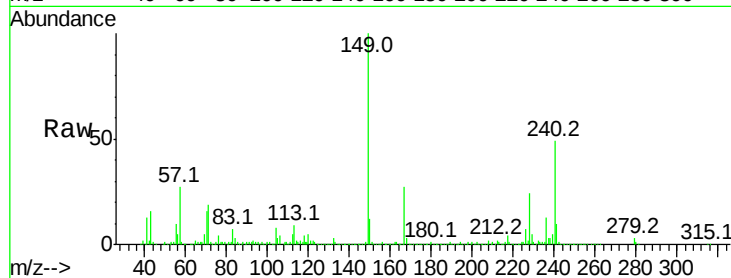
ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	557440		
167	26.6	20.2	30.4	
279	3.1	1.8	2.8#	

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 45.49 ng

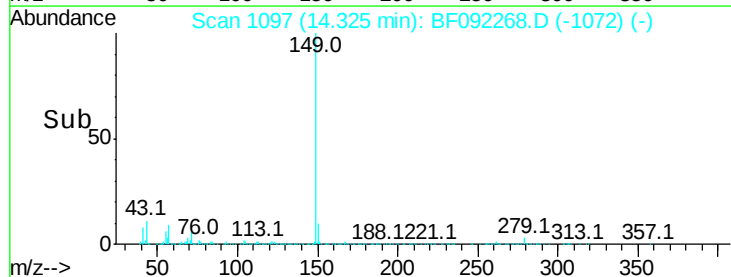
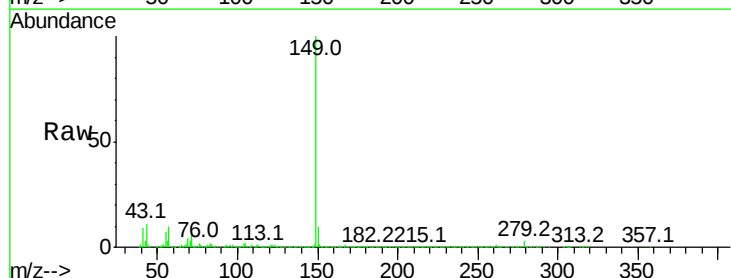
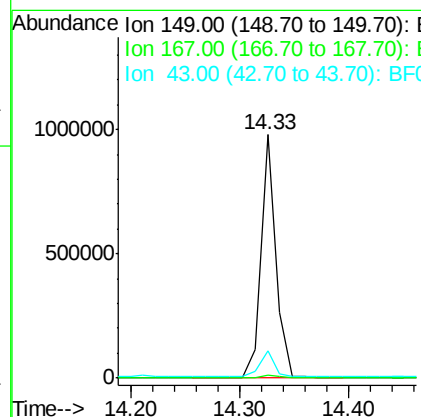
RT: 14.33 min Scan# 1097

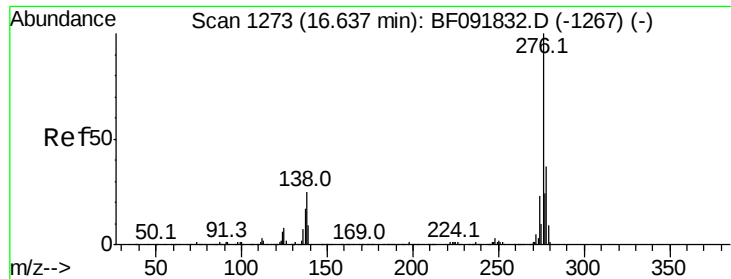
Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	937950		
167	1.5	1.3	1.9	
43	10.5	8.9	13.3	





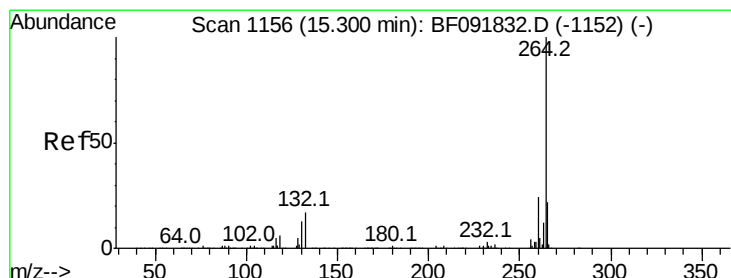
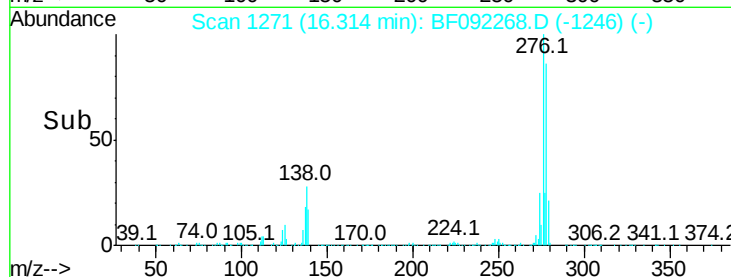
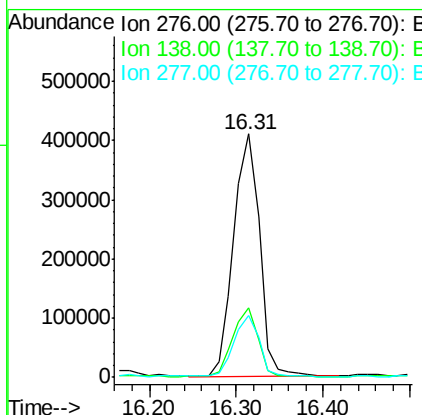
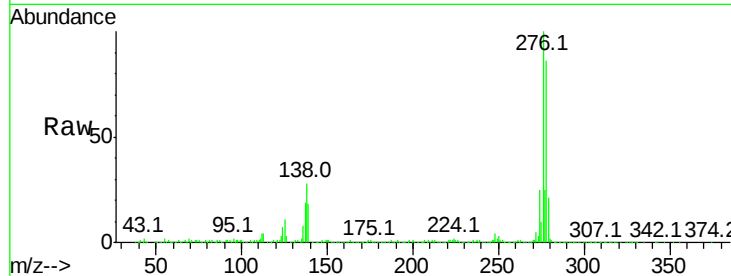
#85
Indeno(1,2,3-cd)pyrene
Concen: 61.20 ng
RT: 16.31 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.8	32.6
277	25.2	20.2	30.4

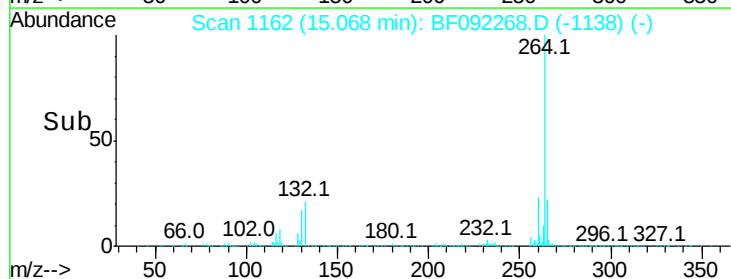
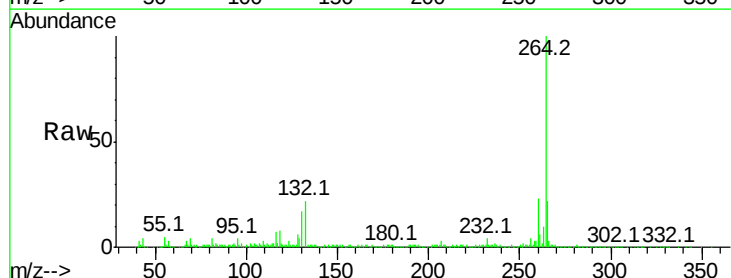
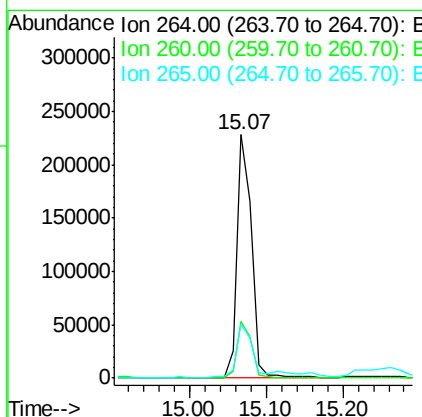
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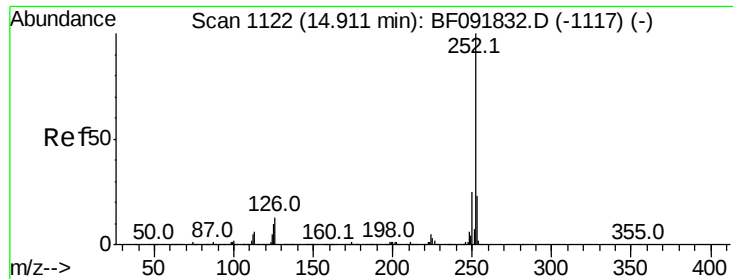
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 60.00 ng m

RT: 14.71 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :

BNA_F

ClientSampleId :

TOD-SB-01-0-2MS

Tot Ion:252 Resp: 1129249

Ion Ratio Lower Upper

252 100

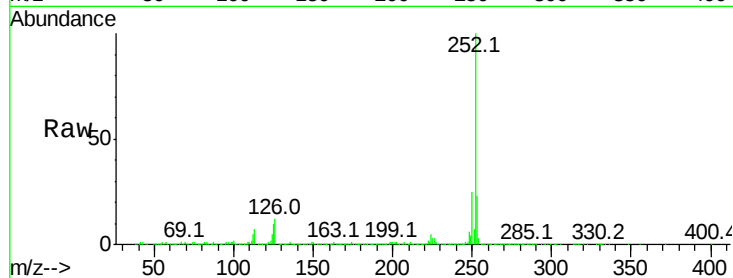
253 22.6 18.2 27.4

125 9.9 9.8 14.6

Manual Integrations
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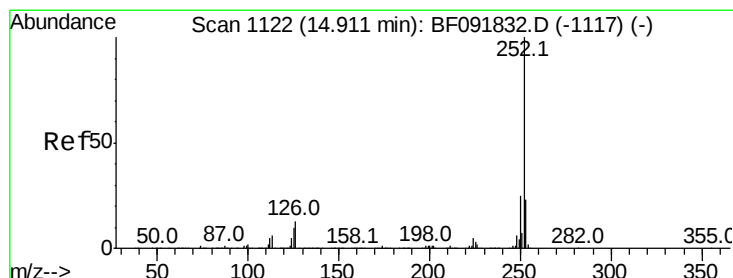
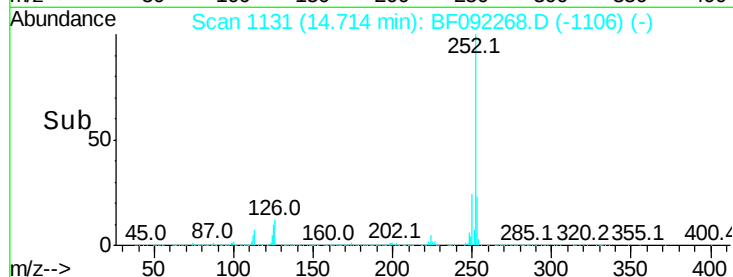
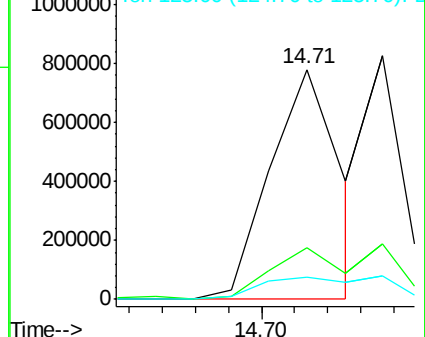
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.37 ng m

RT: 14.74 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

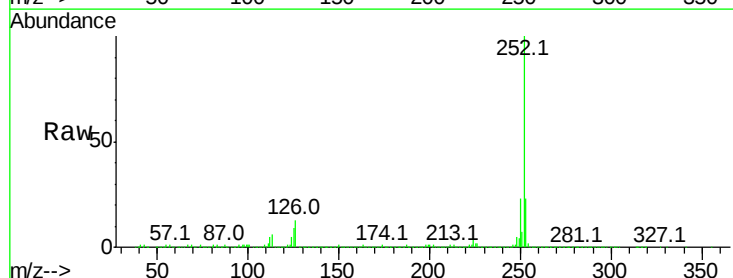
Tgt Ion:252 Resp: 631824

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

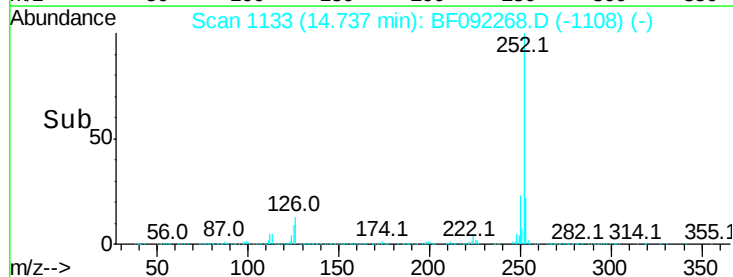
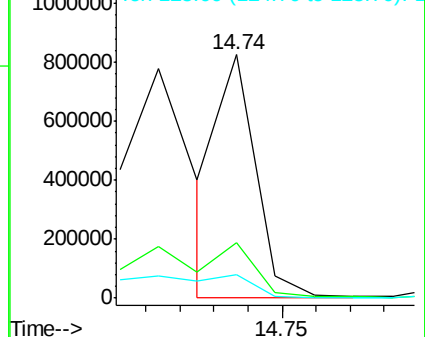
125 9.4 8.9 13.3

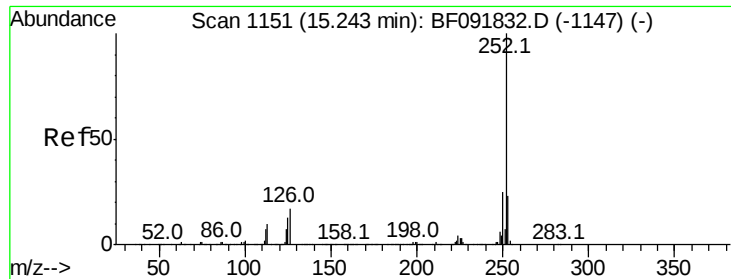


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





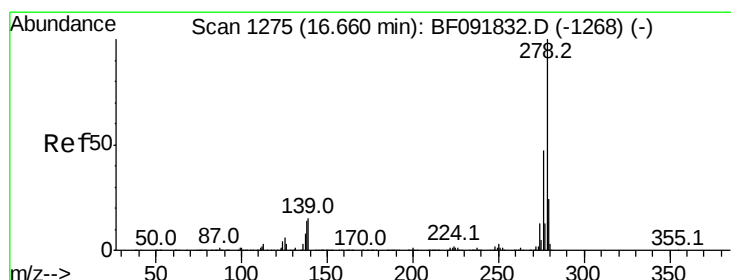
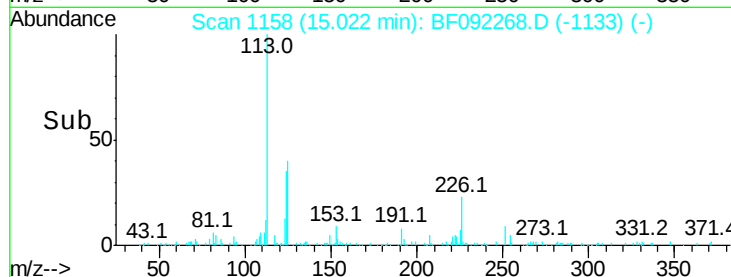
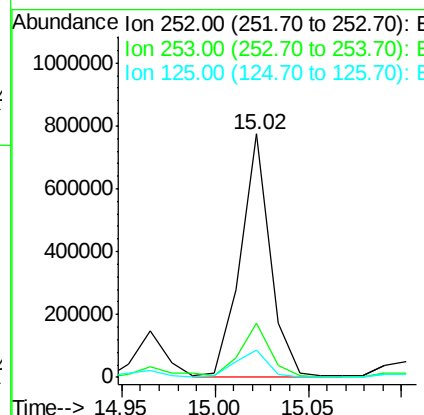
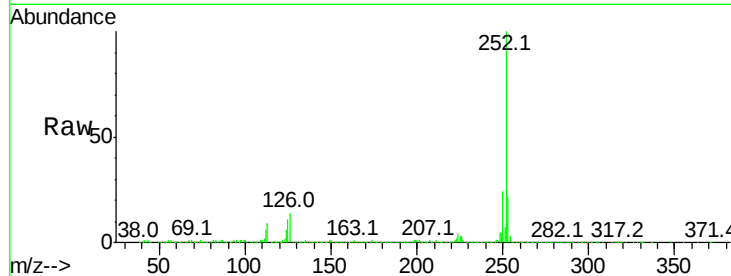
#89
Benzo(a)pyrene
Concen: 51.34 ng
RT: 15.02 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	11.2	10.0	15.0

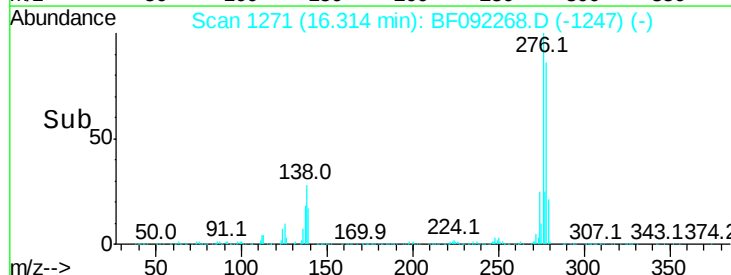
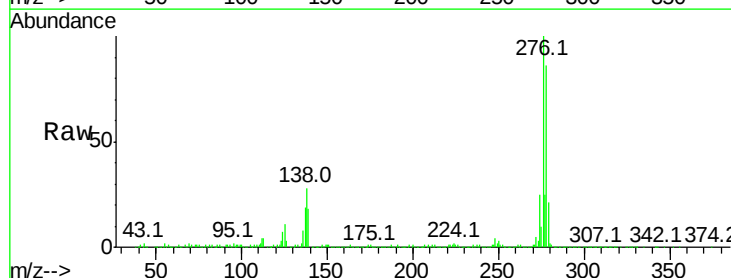
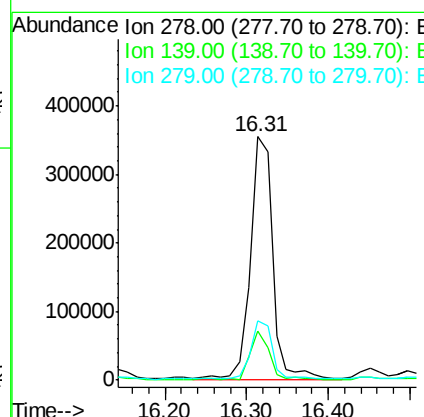
Manual Integrations
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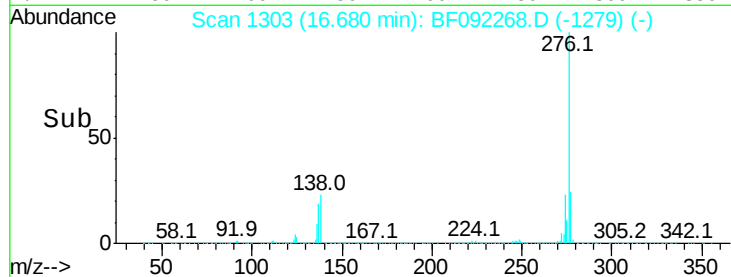
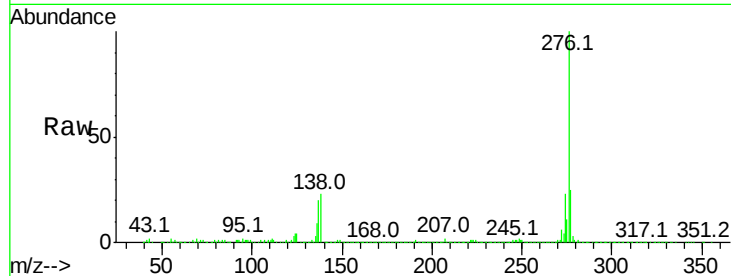
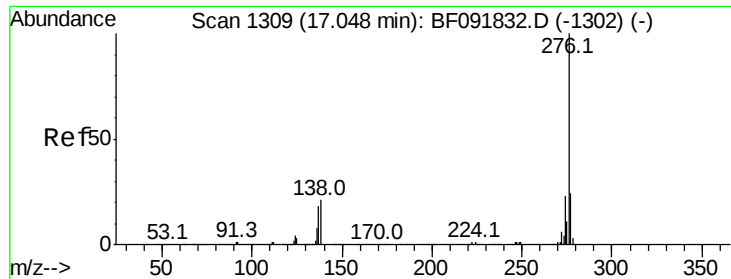
Sohil
1/16/2017 8:39:26 AM



#90
Dibenzo(a,h)anthracene
Concen: 48.42 ng
RT: 16.31 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF092268.D
Acq: 14 Jan 2017 3:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	14.8	22.2
279	24.3	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 49.67 ng

RT: 16.68 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF092268.D

Acq: 14 Jan 2017 3:34

Instrument :
BNA_F

ClientSampleId :
TOD-SB-01-0-2MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.6	19.2	28.8
138	23.2	16.0	24.0

Manual Integrations
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