

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092139.D
 Acq On : 9 Jan 2017 15:32
 Operator : UM/SJ
 Sample : I1073-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMSD

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:12 AM

Quant Time: Jan 09 16:23:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	187167	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	800209	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	406578	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	662571	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	456885	20.00	ng	0.00
86) Perylene-d12	15.15	264	408712	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1527040	136.23	ng	0.01
7) Phenol-d6	6.31	99	1980719	144.73	ng	0.00
23) Nitrobenzene-d5	7.21	82	1388951	96.52	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	520165	154.59	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	2257820	118.93	ng	0.00
78) Terphenyl-d14	12.73	244	1827118	96.99	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.16	88	274071	49.66	ng	96
3) Pyridine	2.80	79	636482	33.05	ng	96
4) n-Nitrosodimethylamine	2.76	42	344461	47.41	ng	99
6) Aniline	6.30	93	698902	39.32	ng	# 48
8) 2-Chlorophenol	6.42	128	609238	47.78	ng	96
9) Benzaldehyde	6.17	77	51576	4.86	ng	99
10) Phenol	6.32	94	756964	48.54	ng	# 77
11) bis(2-Chloroethyl)ether	6.38	93	681619	54.93	ng	100
12) 1,3-Dichlorobenzene	6.57	146	653159m	47.98	ng	
13) 1,4-Dichlorobenzene	6.65	146	645691	46.60	ng	94
14) 1,2-Dichlorobenzene	6.80	146	527909	43.91	ng	97
15) Benzyl Alcohol	6.79	79	499975	47.02	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.93	45	842020	45.57	ng	# 31
17) 2-Methylphenol	6.93	107	508871	49.62	ng	# 89
18) Hexachloroethane	7.14	117	239820	46.69	ng	99
19) n-Nitroso-di-n-propylamine	7.06	70	433581	47.62	ng	98
20) 3+4-Methylphenols	7.09	107	707545	57.85	ng	# 72
22) Acetophenone	7.05	105	907298	45.97	ng	93
24) Nitrobenzene	7.22	77	631438	41.20	ng	97
25) Isophorone	7.48	82	1270010	47.83	ng	99
26) 2-Nitrophenol	7.54	139	365009	48.29	ng	91
27) 2,4-Dimethylphenol	7.60	122	518351	41.35	ng	99
28) bis(2-Chloroethoxy)methane	7.68	93	747539	46.43	ng	99
29) 2,4-Dichlorophenol	7.80	162	508901	47.94	ng	89
30) 1,2,4-Trichlorobenzene	7.86	180	511940	44.01	ng	# 95
31) Naphthalene	7.94	128	1797265	49.07	ng	99
32) Benzoic acid	7.76	122	314440	33.82	ng	99
33) 4-Chloroaniline	8.00	127	474014	28.70	ng	99
34) Hexachlorobutadiene	8.07	225	289737	47.18	ng	98
35) Caprolactam	8.39	113	172263m	49.38	ng	
36) 4-Chloro-3-methylphenol	8.52	107	568363	46.53	ng	99
37) 2-Methylnaphthalene	8.63	142	1157485	58.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	455524	44.34	ng	# 98
40) Hexachlorocyclopentadiene	8.79	237	413241	89.82	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	342798	47.72	ng	96
43) 2,4,5-Trichlorophenol	8.98	196	326726	44.19	ng #	82
45) 1,1'-Biphenyl	9.10	154	1329227	47.75	ng	96
46) 2-Chloronaphthalene	9.12	162	997692	45.25	ng	94
47) 2-Nitroaniline	9.22	65	361714	46.08	ng	96
48) Acenaphthylene	9.53	152	1530926	45.15	ng	99
49) Dimethylphthalate	9.42	163	1479690	56.90	ng	99
50) 2,6-Dinitrotoluene	9.48	165	290354	51.01	ng #	83
51) Acenaphthene	9.70	154	962781	41.88	ng	99
52) 3-Nitroaniline	9.65	138	221106	31.39	ng #	72
53) 2,4-Dinitrophenol	9.75	184	239642	75.67	ng #	53
54) Dibenzofuran	9.88	168	1368574	44.09	ng	98
55) 4-Nitrophenol	9.84	139	457412	95.64	ng	99
56) 2,4-Dinitrotoluene	9.88	165	324888	45.48	ng #	72
57) Fluorene	10.22	166	1006504	44.57	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	286991	49.08	ng	98
59) Diethylphthalate	10.12	149	1284611	50.87	ng	96
60) 4-Chlorophenyl-phenylether	10.22	204	516561	52.24	ng #	86
61) 4-Nitroaniline	10.26	138	330623	45.30	ng	84
62) Azobenzene	10.38	77	1465182	52.69	ng	90
64) 4,6-Dinitro-2-methylphenol	10.29	198	180837	45.14	ng #	60
65) n-Nitrosodiphenylamine	10.34	169	1069933	54.42	ng	100
66) 4-Bromophenyl-phenylether	10.70	248	324773	47.12	ng	96
67) Hexachlorobenzene	10.77	284	345848	46.95	ng #	93
68) Atrazine	10.88	200	329622	51.97	ng	92
69) Pentachlorophenol	10.97	266	355492	98.34	ng	100
70) Phenanthrene	11.18	178	1776183	49.44	ng	99
71) Anthracene	11.22	178	1588733	53.16	ng	99
72) Carbazole	11.38	167	1528942	62.68	ng	99
73) Di-n-butylphthalate	11.73	149	1916757	57.44	ng	99
74) Fluoranthene	12.36	202	1575121	50.43	ng	98
76) Benzidine	12.48	184	568919	50.24	ng	98
77) Pyrene	12.59	202	1703769	50.83	ng	100
79) Butylbenzylphthalate	13.21	149	751817	49.31	ng	99
80) Benzo(a)anthracene	13.77	228	1318540	51.13	ng	99
81) 3,3'-Dichlorobenzidine	13.74	252	372485	38.09	ng	97
82) Chrysene	13.81	228	1215644	46.99	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1004111	55.92	ng #	95
84) Di-n-octyl phthalate	14.39	149	1810287	54.43	ng	100
85) Indeno(1,2,3-cd)pyrene	16.43	276	1109533	49.51	ng	99
87) Benzo(b)fluoranthene	14.78	252	1350851m	53.09	ng	
88) Benzo(k)fluoranthene	14.80	252	922992m	42.54	ng	
89) Benzo(a)pyrene	15.10	252	1108872	49.10	ng #	97
90) Dibenzo(a,h)anthracene	16.44	278	903266	48.66	ng	96
91) Benzo(g,h,i)perylene	16.80	276	943687	48.89	ng	98

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

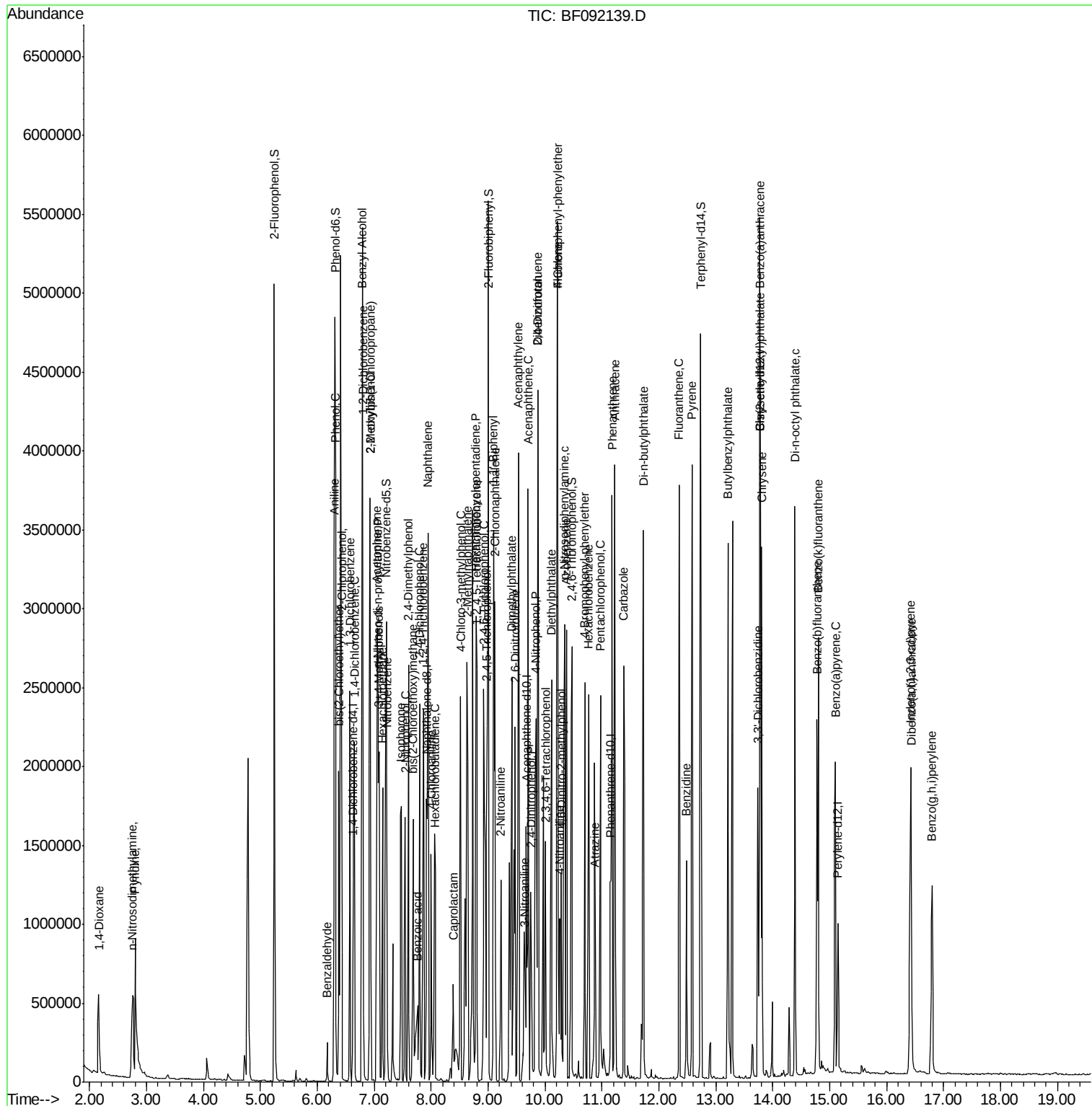
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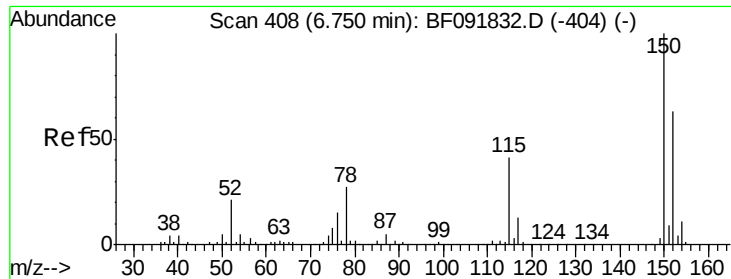
Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

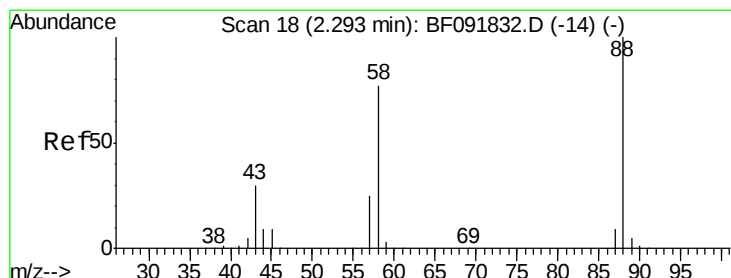
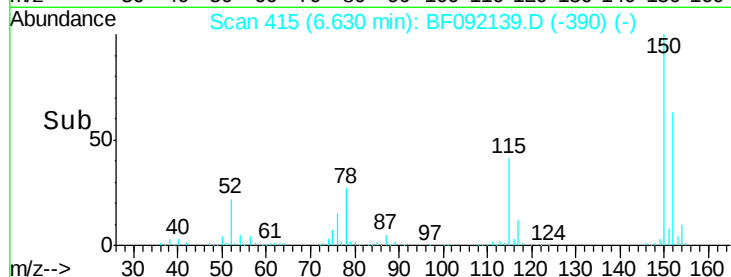
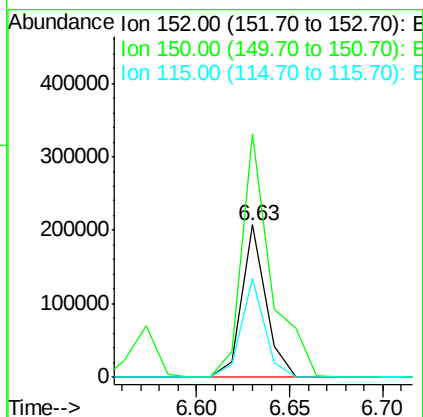
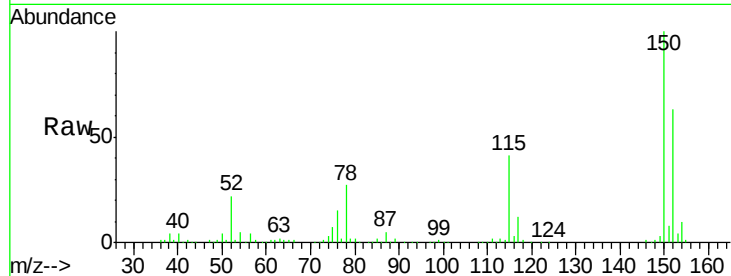
ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:	152	Resp:	187167
Ion Ratio	Lower	Upper	
152	100		
150	159.6	124.9	187.3
115	65.0	46.0	69.0

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#2

1,4-Dioxane

Concen: 49.66 ng

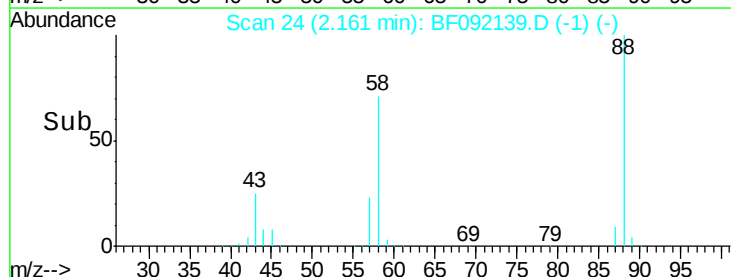
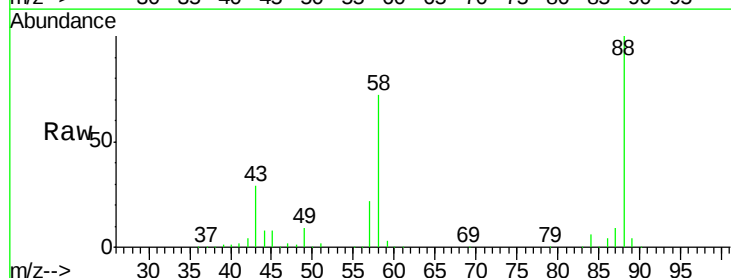
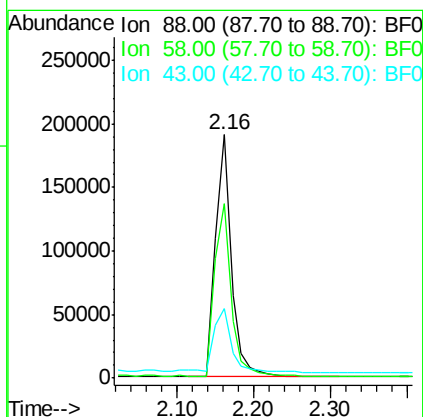
RT: 2.16 min Scan# 24

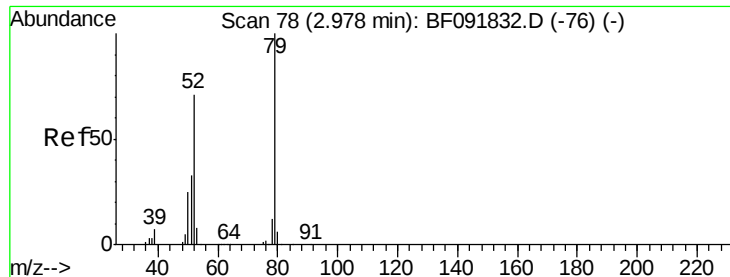
Delta R.T. 0.08 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Tgt Ion:	88	Resp:	274071
Ion Ratio	Lower	Upper	
88	100		
58	74.9	57.8	86.8
43	30.9	22.3	33.5





#3

Pyridine

Concen: 33.05 ng

RT: 2.80 min Scan# 80

Delta R.T. 0.07 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

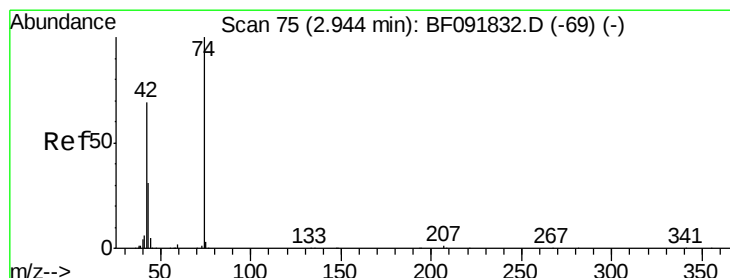
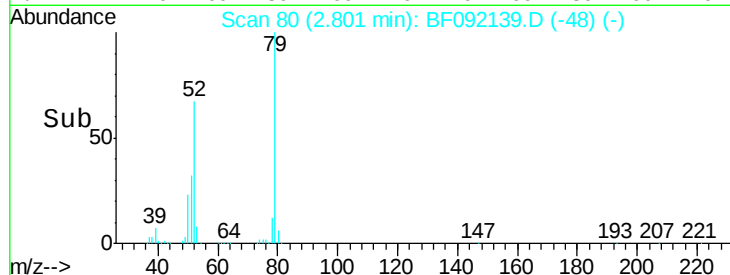
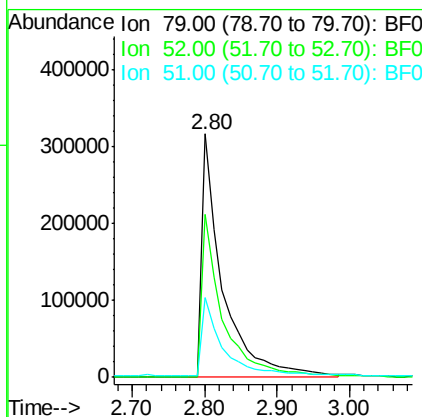
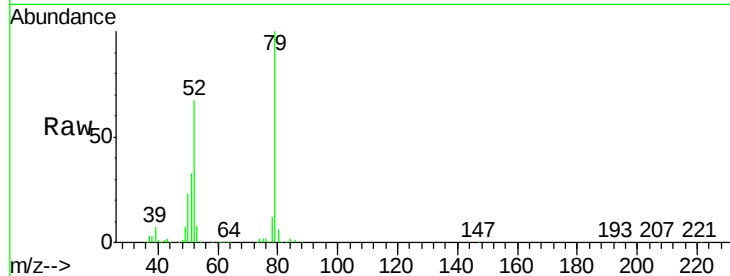
ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:	79	Resp:	636482
Ion	Ratio	Lower	Upper
79	100		
52	67.1	57.1	85.7
51	32.9	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 47.41 ng

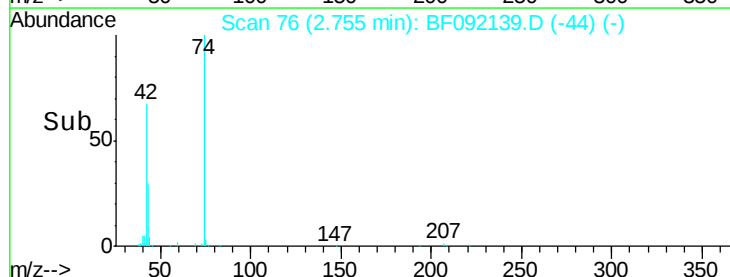
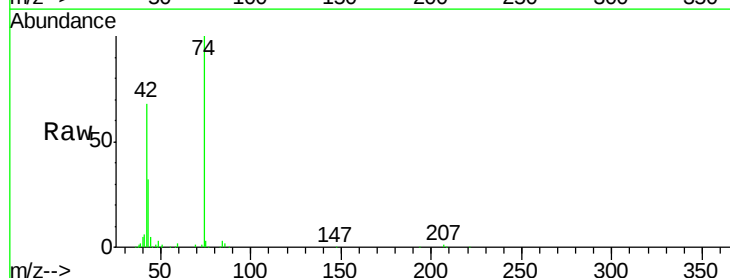
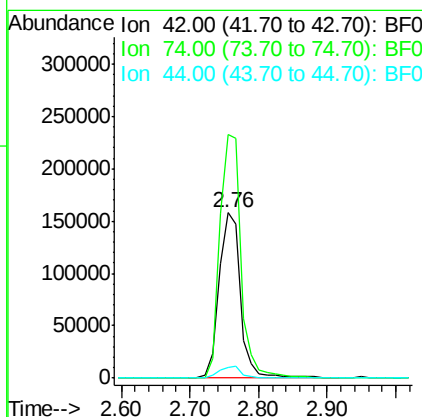
RT: 2.76 min Scan# 76

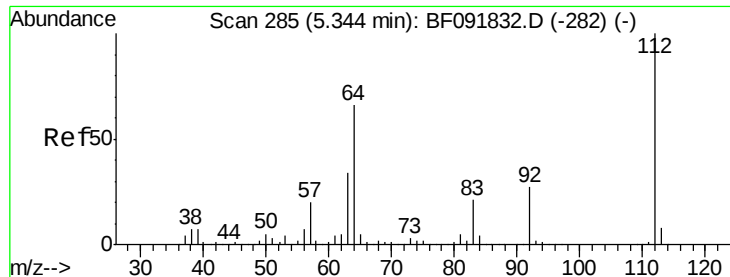
Delta R.T. 0.07 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Tgt Ion:	42	Resp:	344461
Ion	Ratio	Lower	Upper
42	100		
74	147.6	117.0	175.4
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 136.23 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

Tgt Ion: 112 Resp: 1527040

Ion Ratio Lower Upper

112 100

64 64.1 46.1 69.1

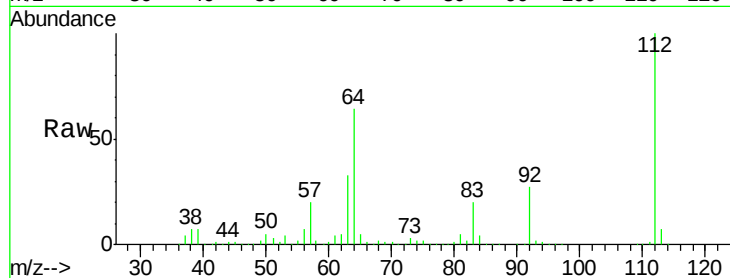
63 32.9 23.8 35.6

Manual Integrations

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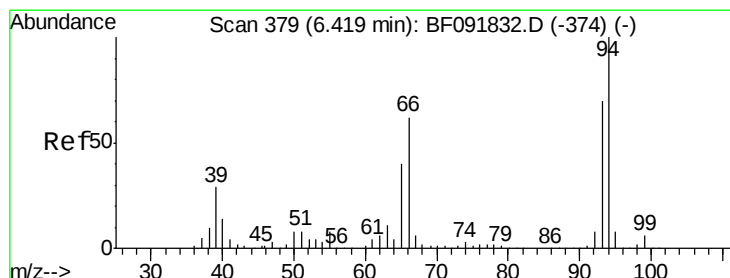
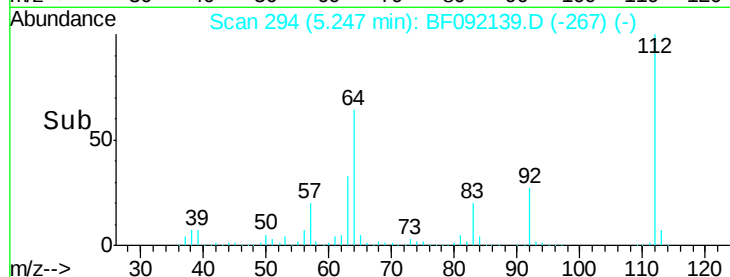
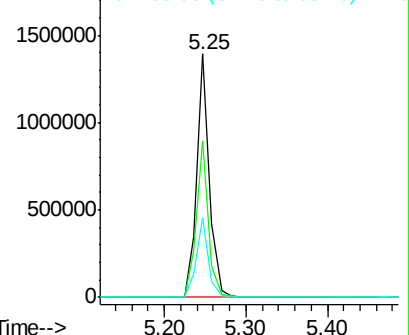
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.32 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

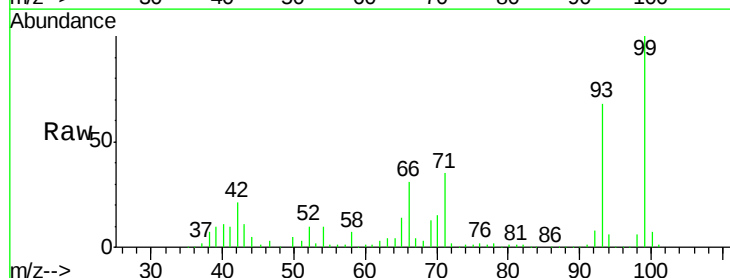
Tgt Ion: 93 Resp: 698902

Ion Ratio Lower Upper

93 100

66 45.8 76.2 114.2#

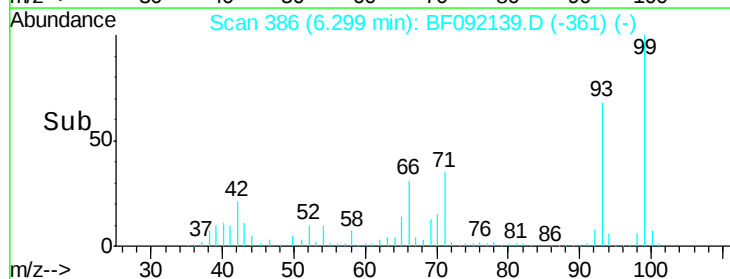
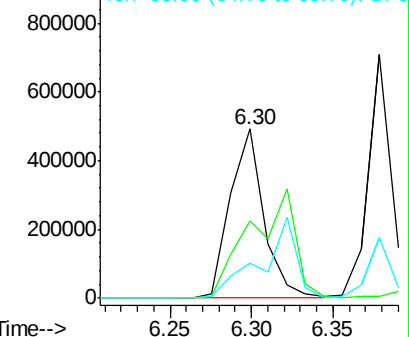
65 20.9 49.3 73.9#

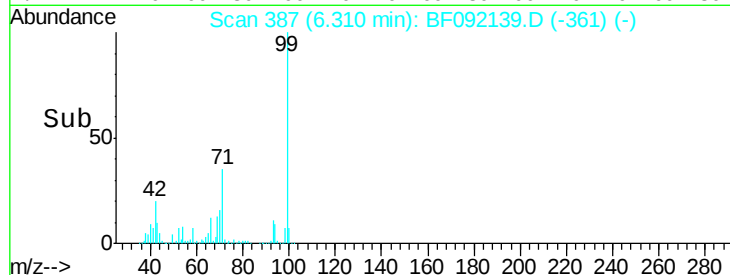
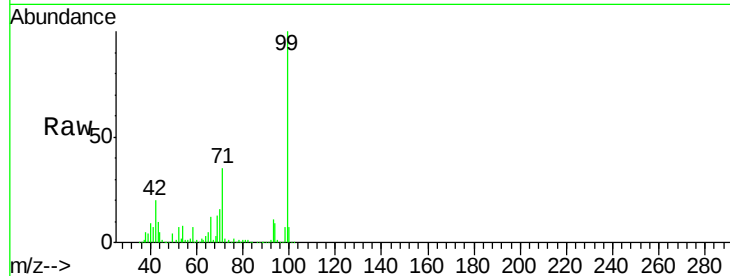


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.73 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Tgt Ion:	99	Resp:	1980719
Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.6	23.4
71	34.8	27.5	41.3

Instrument :

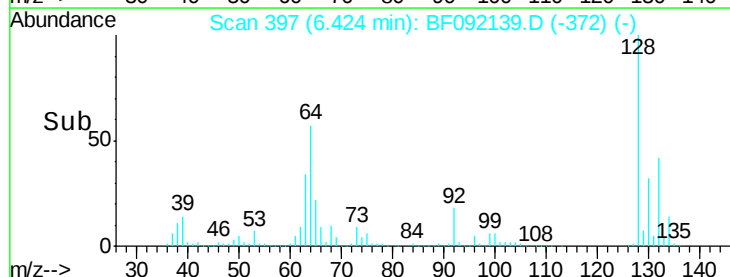
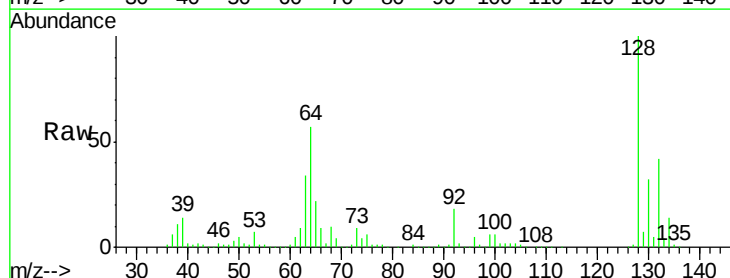
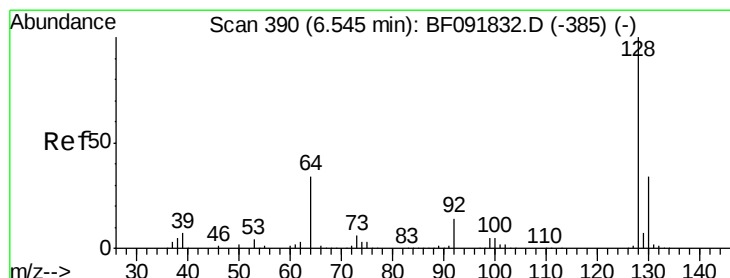
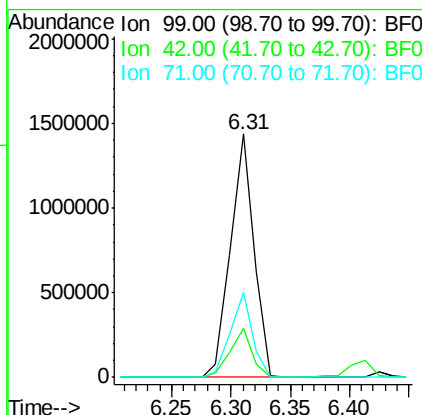
BNA_F

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#8

2-Chlorophenol

Concen: 47.78 ng

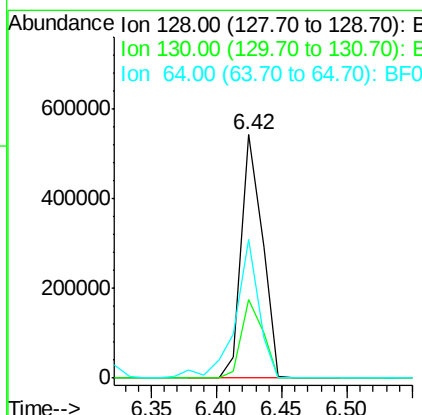
RT: 6.42 min Scan# 397

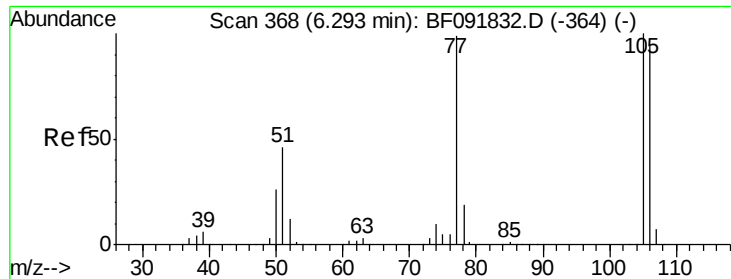
Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Tgt Ion:	128	Resp:	609238
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.3	52.3
64	57.1	32.2	72.2





#9

Benzaldehyde

Concen: 4.86 ng

RT: 6.17 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

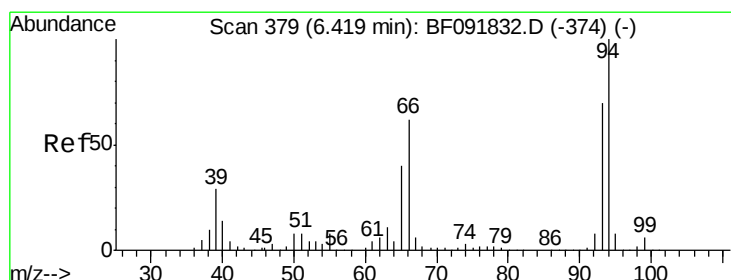
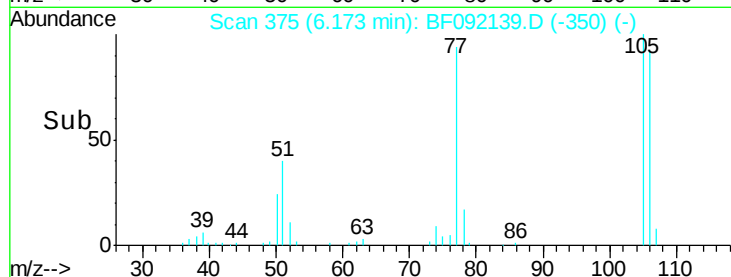
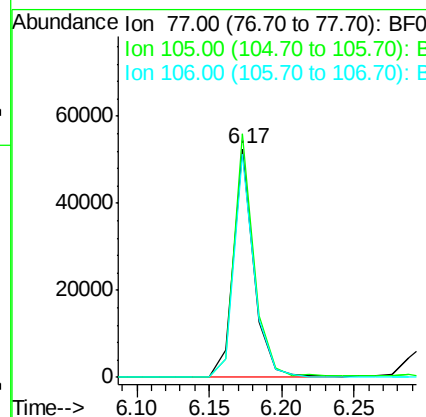
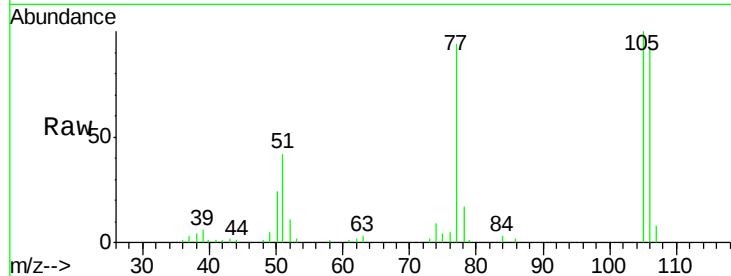
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Tgt Ion:	77	Resp:	51576
Ion	Ratio	Lower	Upper
77	100		
105	106.4	83.9	123.9
106	97.5	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 48.54 ng

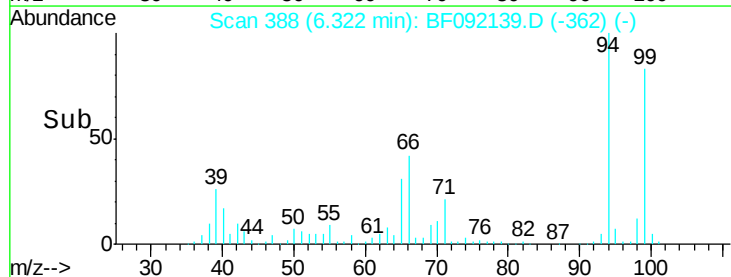
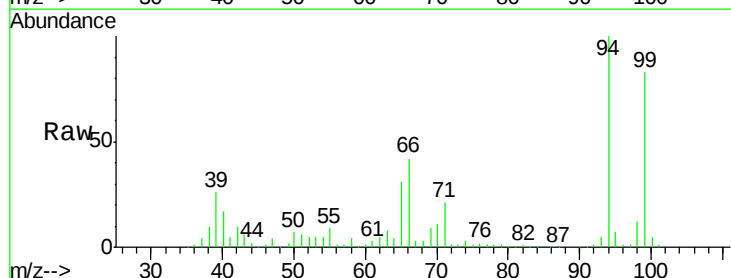
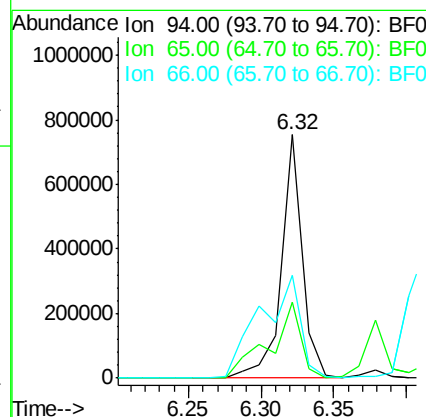
RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Tgt Ion:	94	Resp:	756964
Ion	Ratio	Lower	Upper
94	100		
65	31.1	21.4	61.4
66	42.2	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 54.93 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

Tgt Ion: 93 Resp: 681619
Ion Ratio Lower Upper

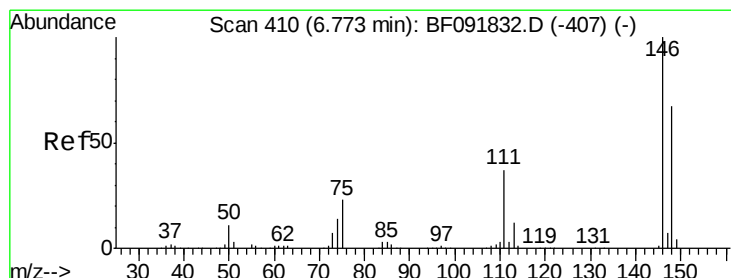
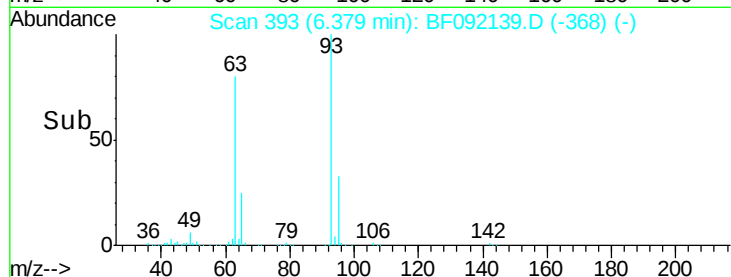
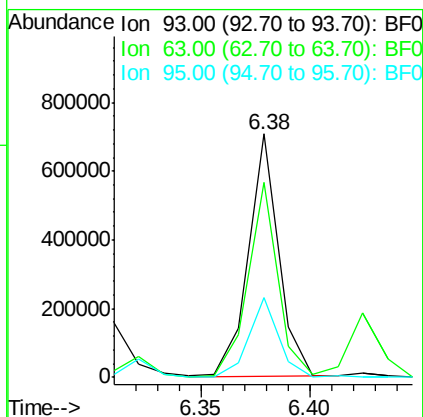
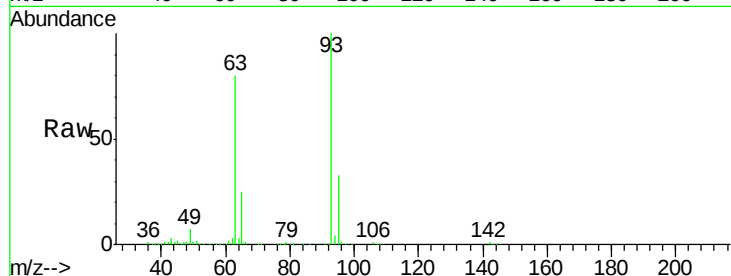
93 100

63 80.1 60.4 100.4

95 32.8 12.8 52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 47.98 ng m

RT: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF092139.D

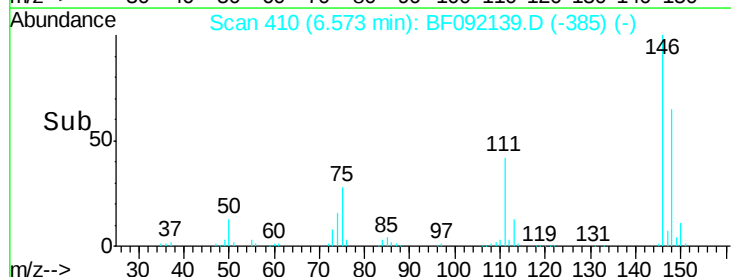
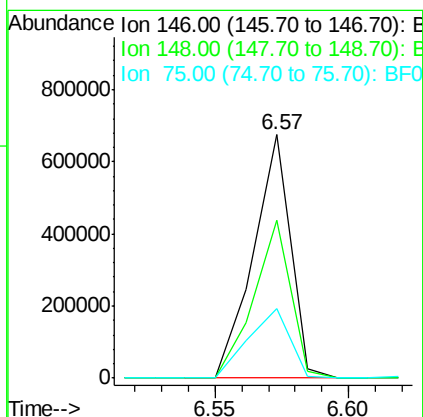
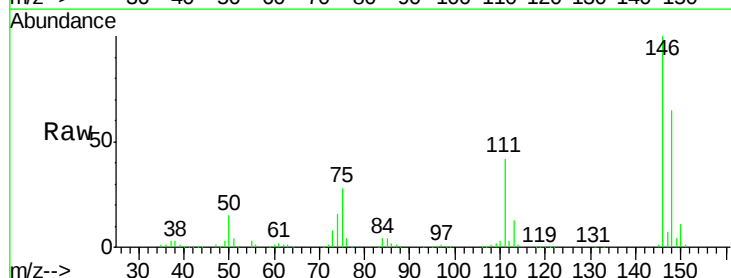
Acq: 9 Jan 2017 15:32

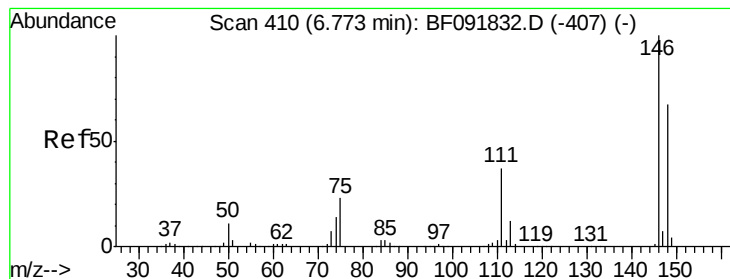
Tgt Ion: 146 Resp: 653159
Ion Ratio Lower Upper

146 100

148 64.8 53.4 80.0

75 28.4 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 46.60 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

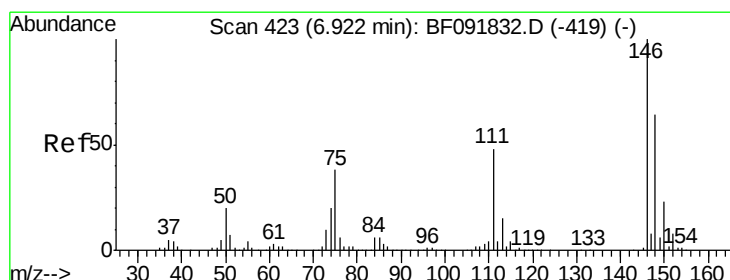
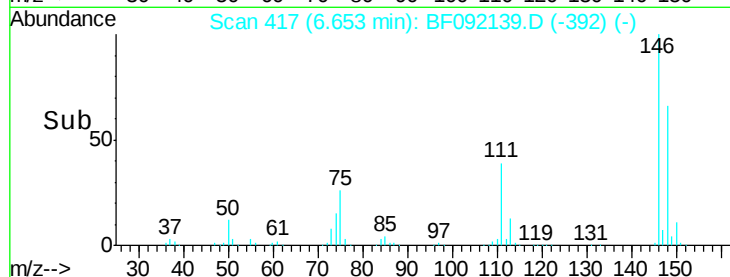
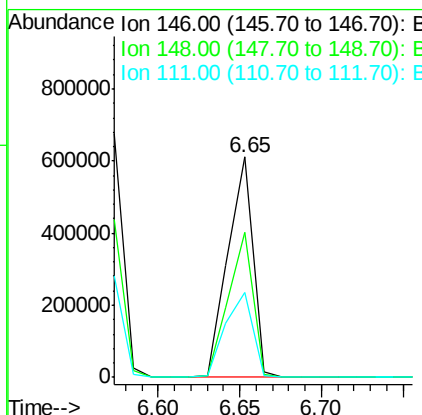
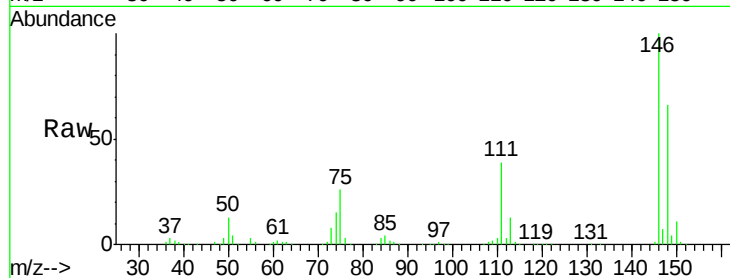
ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:	146	Resp:	645691
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.6	76.0
111	38.8	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.91 ng

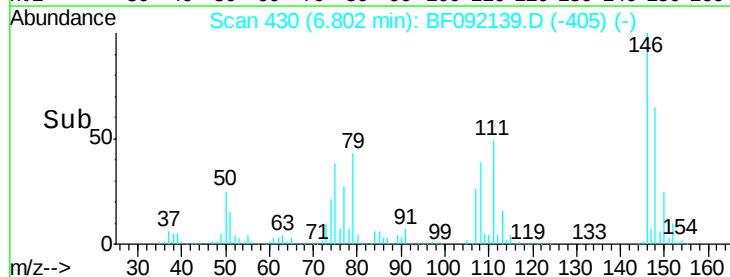
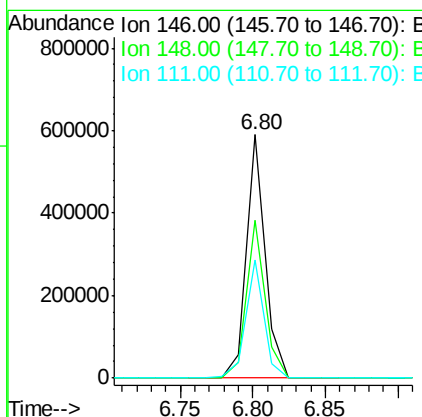
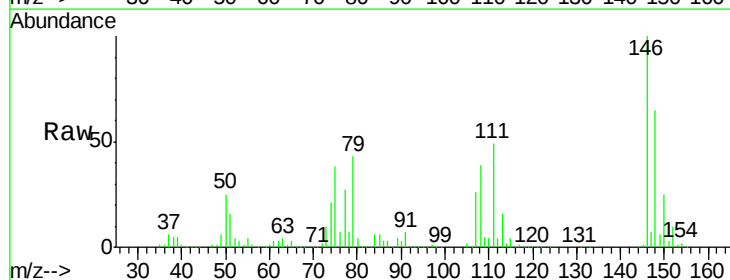
RT: 6.80 min Scan# 430

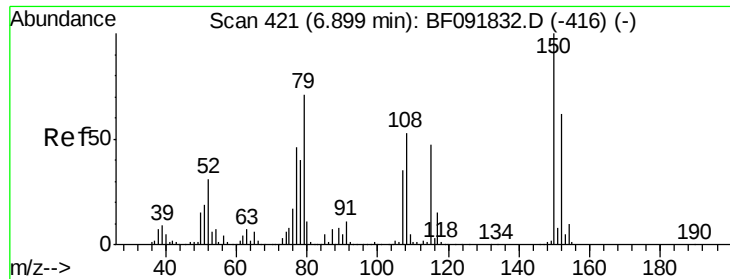
Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Tgt Ion:	146	Resp:	527909
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.2
111	48.7	36.2	54.2





#15

Benzyl Alcohol

Concen: 47.02 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

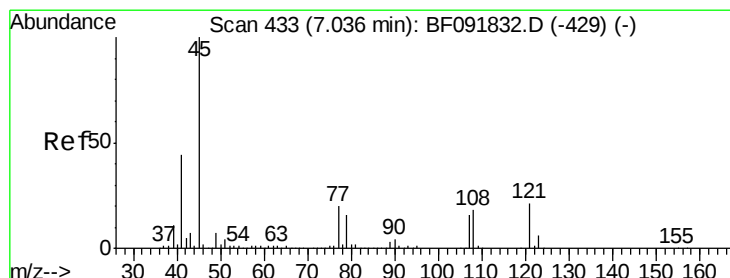
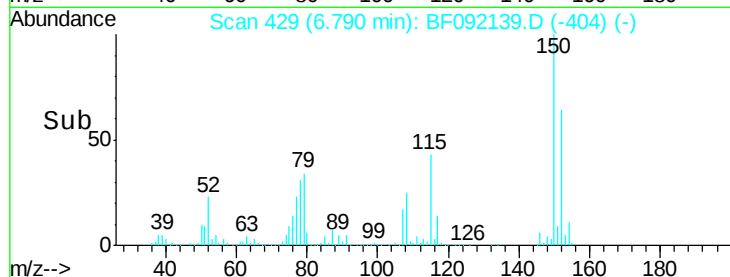
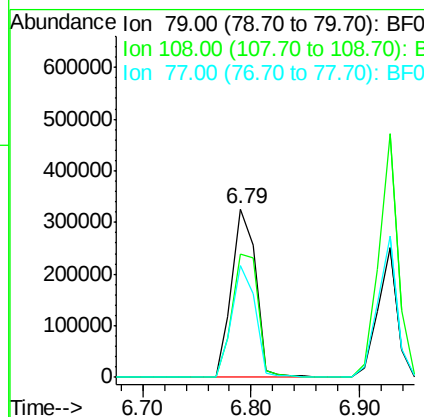
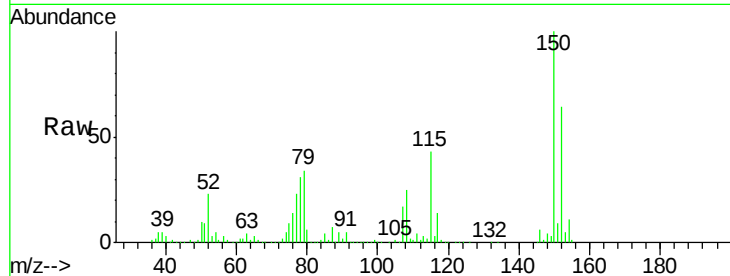
ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:	79	Resp:	499975
Ion Ratio	Lower	Upper	
79	100		
108	73.5	61.4	92.0
77	66.4	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.57 ng

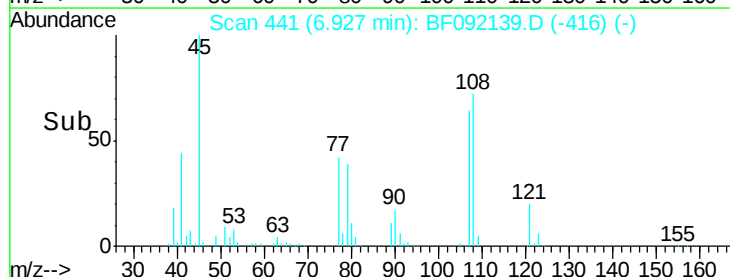
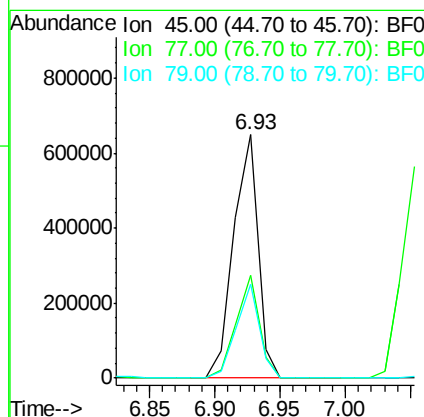
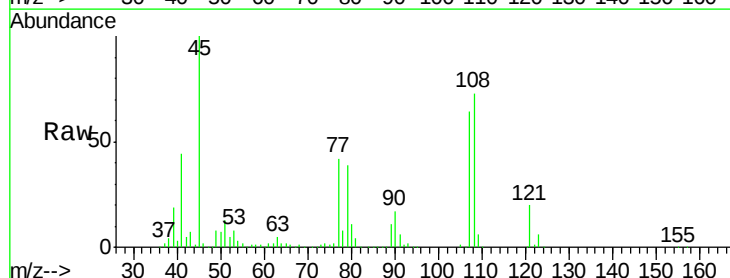
RT: 6.93 min Scan# 441

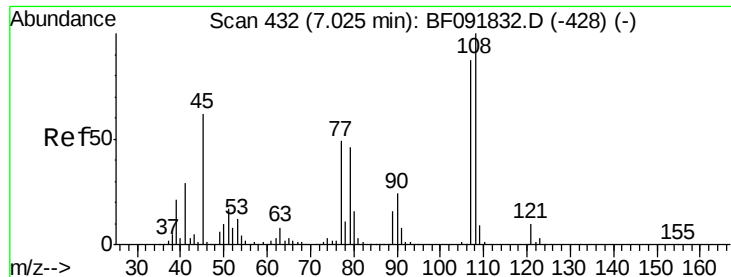
Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Tgt Ion:	45	Resp:	842020
Ion Ratio	Lower	Upper	
45	100		
77	42.0	0.0	34.6#
79	38.7	0.0	31.2#





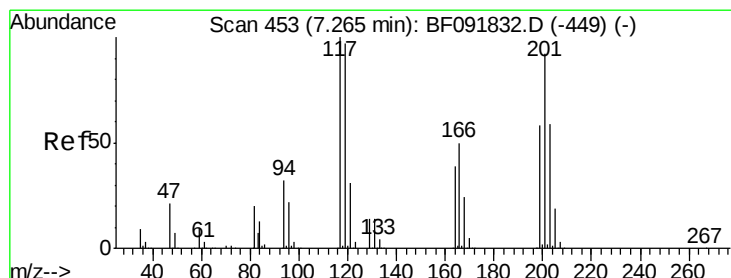
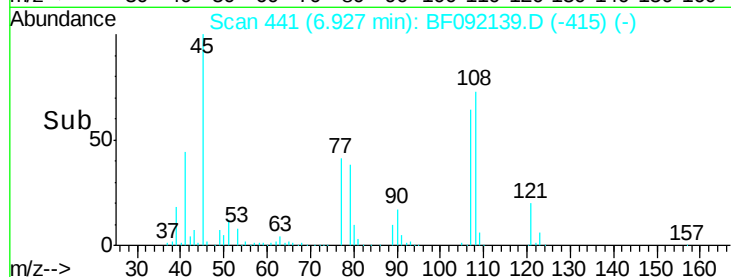
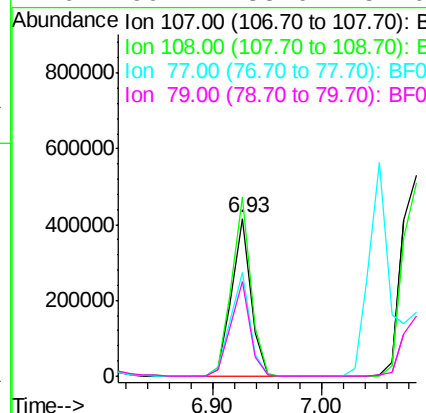
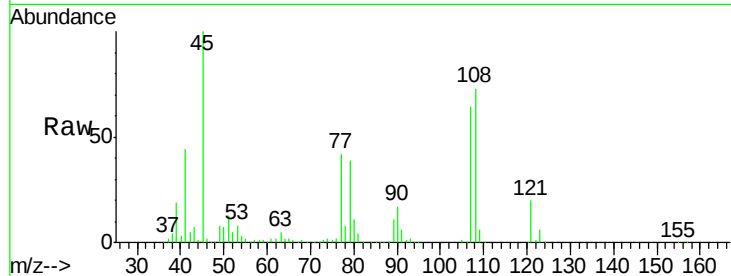
#17
2-Methylphenol
Concen: 49.62 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	508871		
108	113.1	93.0	139.6	
77	65.4	39.8	59.8	
79	60.2	38.0	57.0	

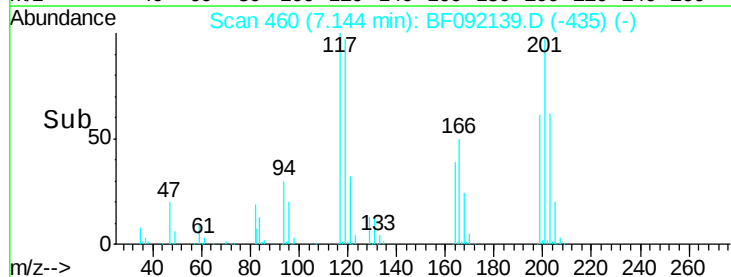
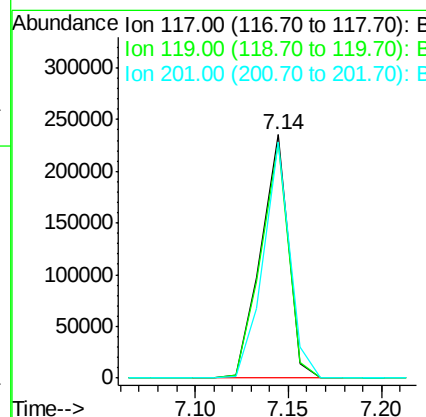
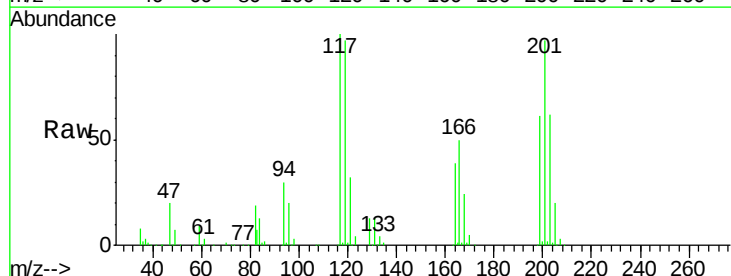
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#18
Hexachloroethane
Concen: 46.69 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	239820		
119	96.8	78.1	117.1	
201	97.1	78.6	117.8	





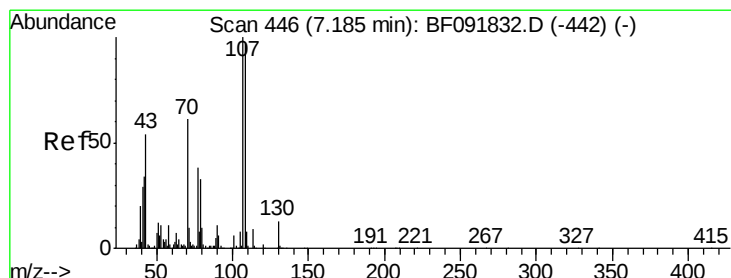
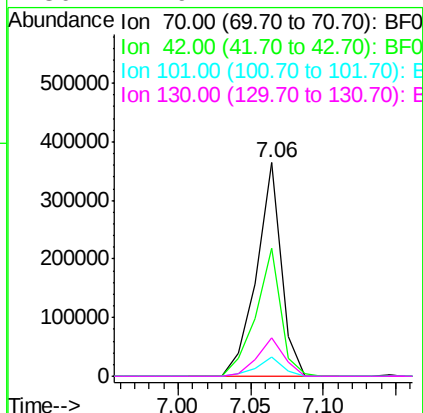
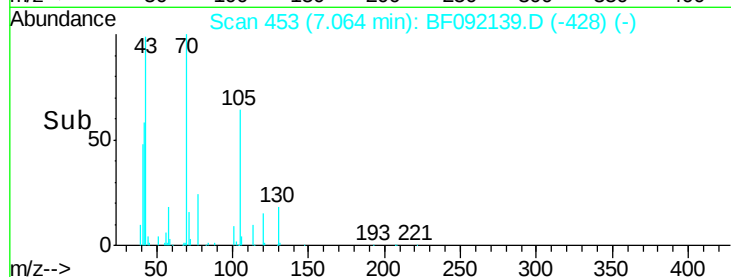
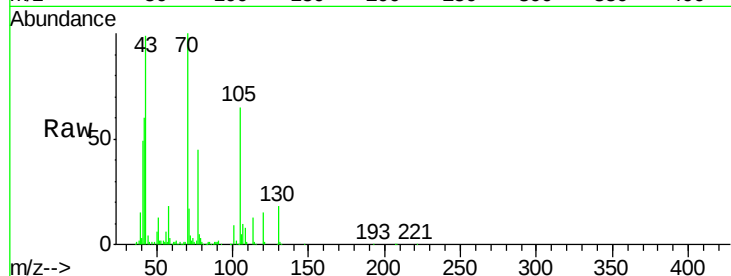
#19
n-Nitroso-di-n-propylamine
Concen: 47.62 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.0	49.4	74.0
101	8.9	7.4	11.2
130	17.9	14.2	21.4

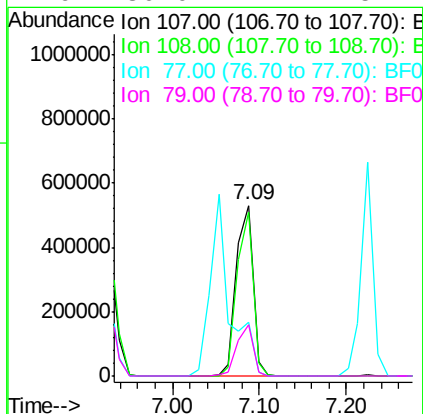
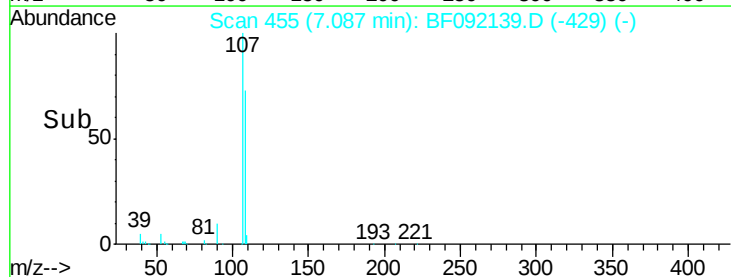
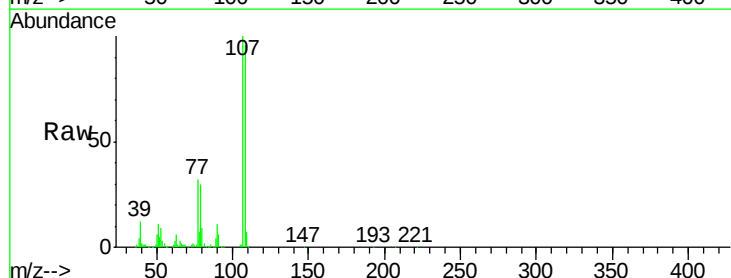
Manual Integrations
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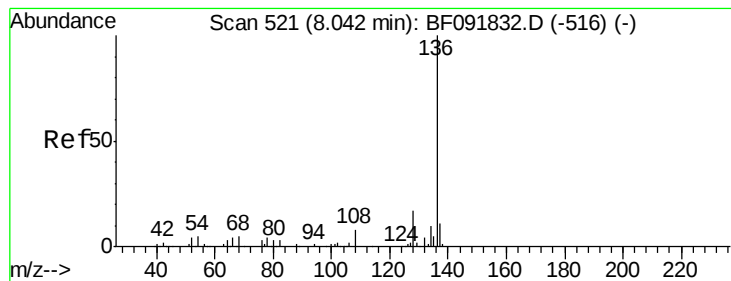
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#20
3+4-Methylphenols
Concen: 57.85 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

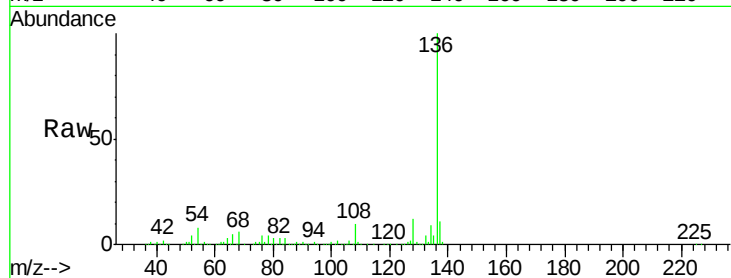
Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.2	73.0	113.0
77	31.6	71.3	111.3
79	30.0	11.1	51.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

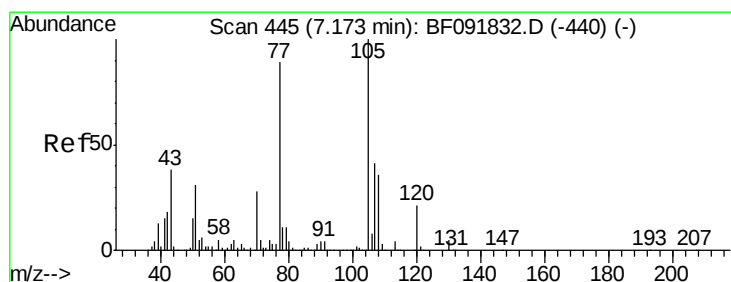
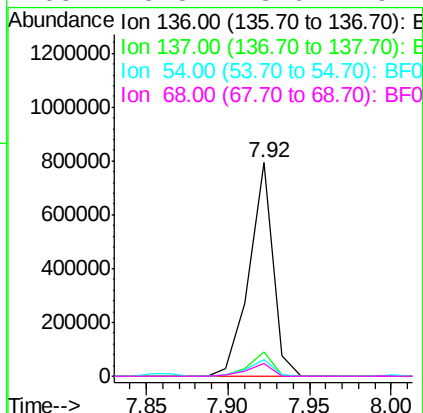
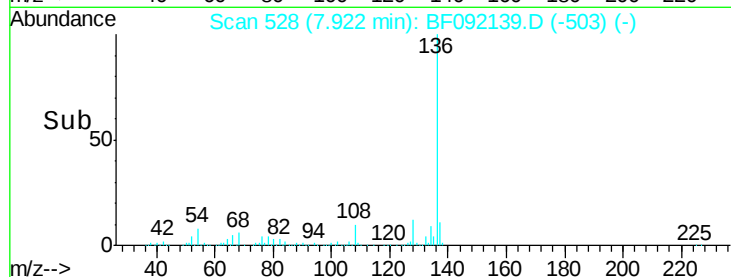
Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD



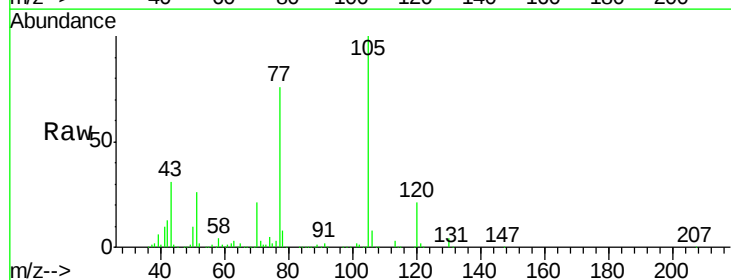
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	800209		
137	11.3	8.4	12.6	
54	7.8	4.5	6.7#	
68	5.8	3.6	5.4#	

Manual Integrations
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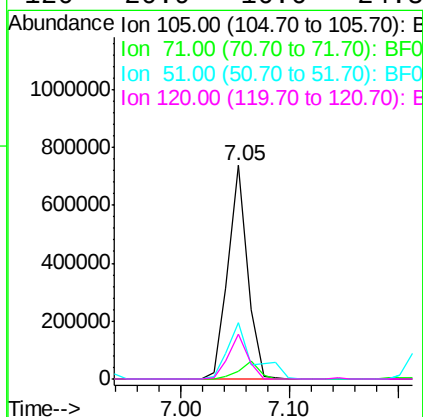
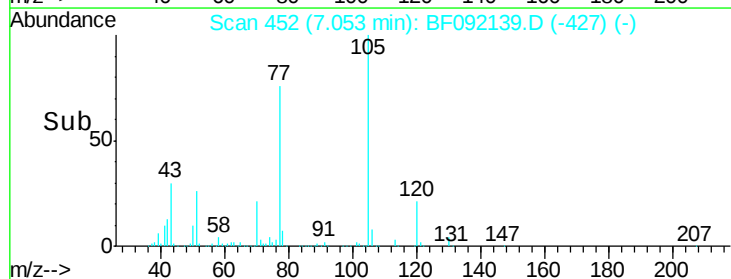
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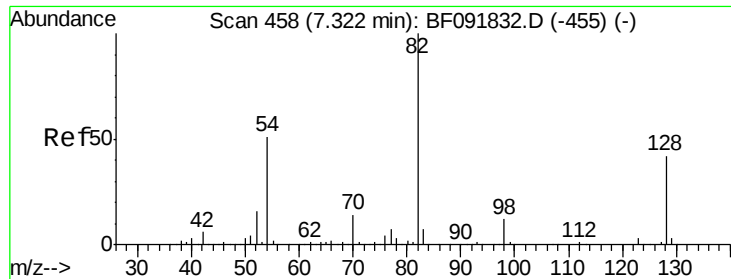


#22
Acetophenone
Concen: 45.97 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	907298		
71	3.5	3.2	4.8	
51	26.3	26.2	39.4	
120	20.9	16.6	24.8	





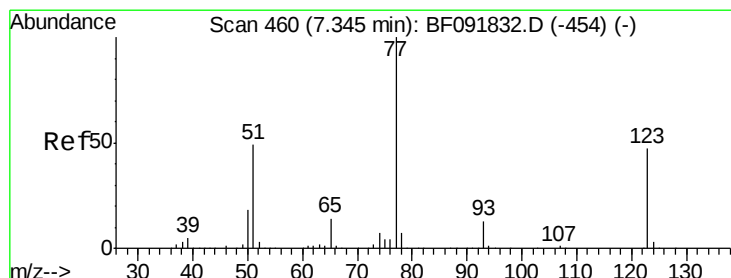
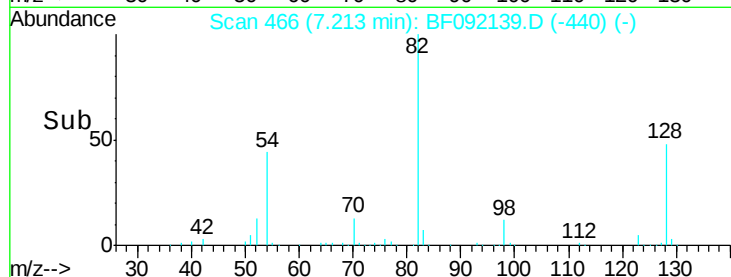
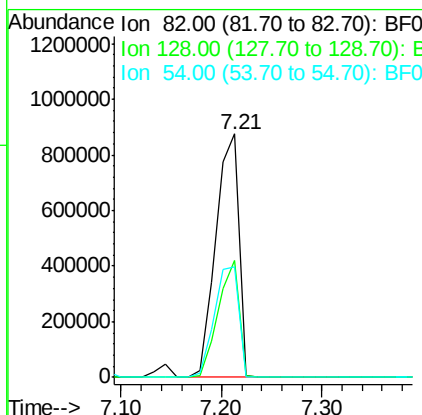
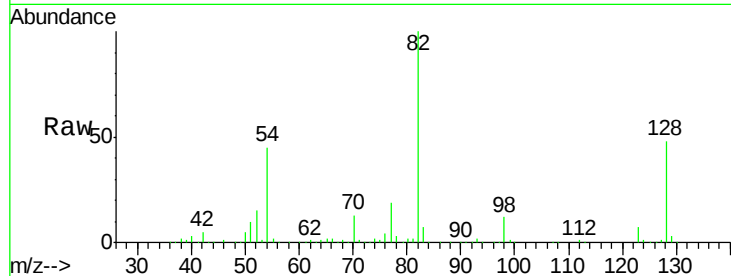
#23
 Nitrobenzene-d5
 Concen: 96.52 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMSD

Tgt Ion: 82 Resp: 1388951
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.6 52.0
 54 45.4 39.5 59.3

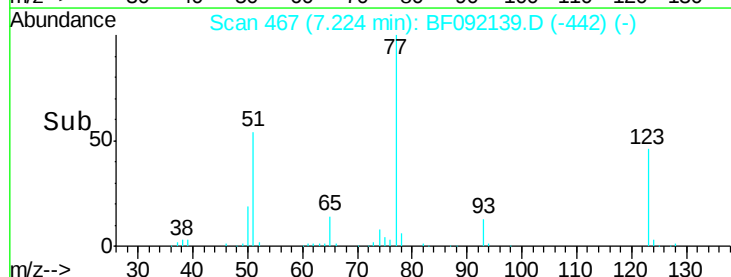
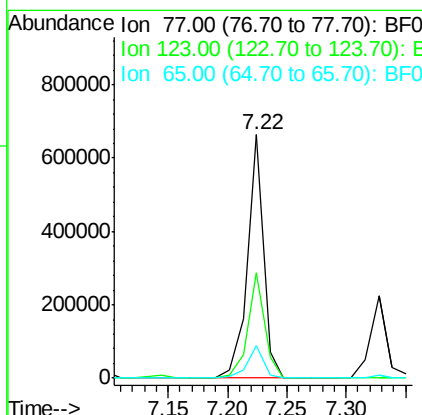
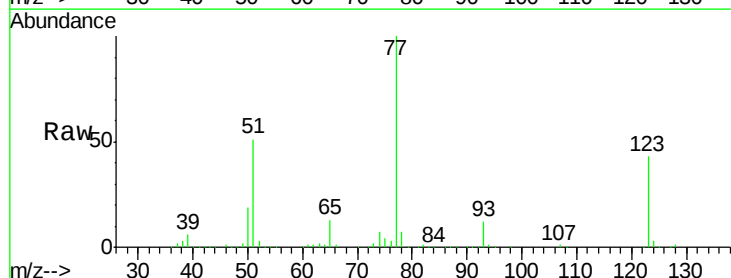
Manual Integrations
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#24
 Nitrobenzene
 Concen: 41.20 ng
 RT: 7.22 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Tgt Ion: 77 Resp: 631438
 Ion Ratio Lower Upper
 77 100
 123 43.4 33.0 49.4
 65 13.2 11.2 16.8





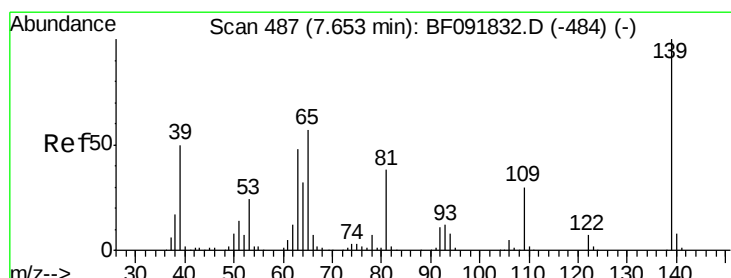
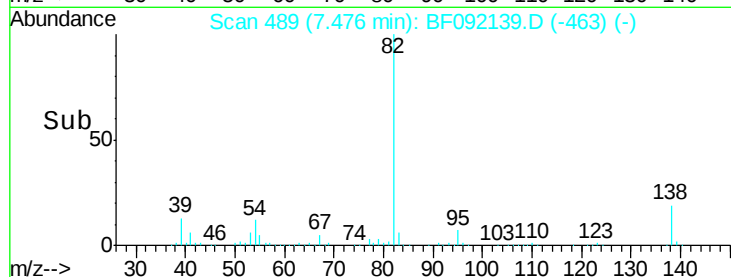
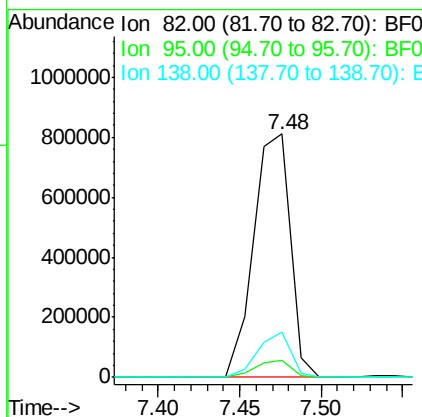
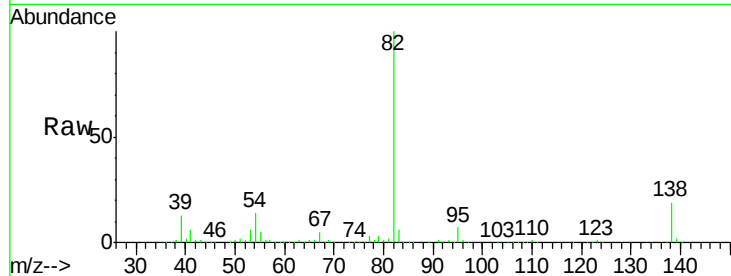
#25
Isophorone
Concen: 47.83 ng
RT: 7.48 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

Tgt Ion: 82 Resp: 1270010
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 18.8 14.6 22.0

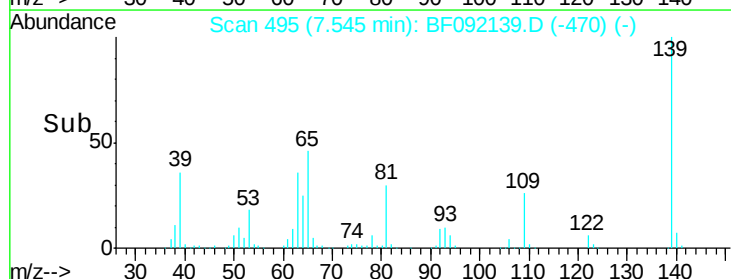
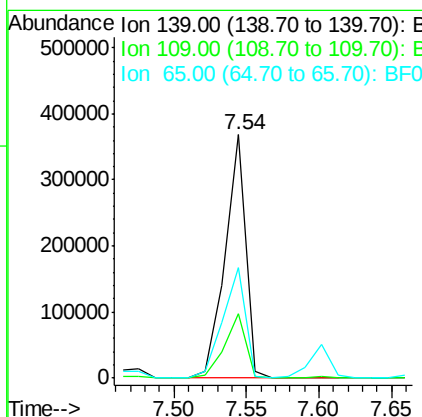
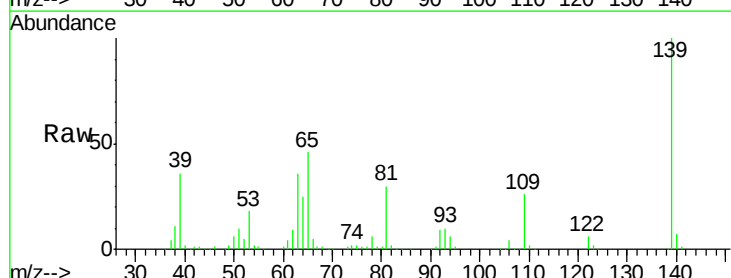
Manual Integrations
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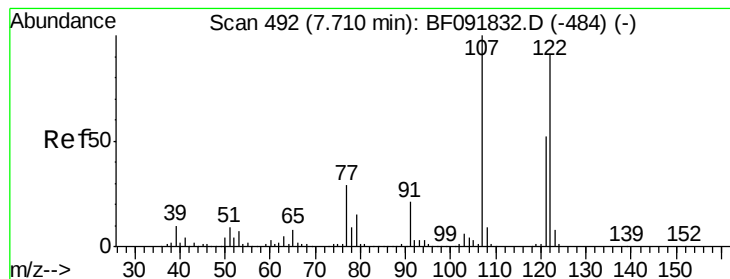
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#26
2-Nitrophenol
Concen: 48.29 ng
RT: 7.54 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion: 139 Resp: 365009
Ion Ratio Lower Upper
139 100
109 26.4 23.3 34.9
65 45.5 42.7 64.1





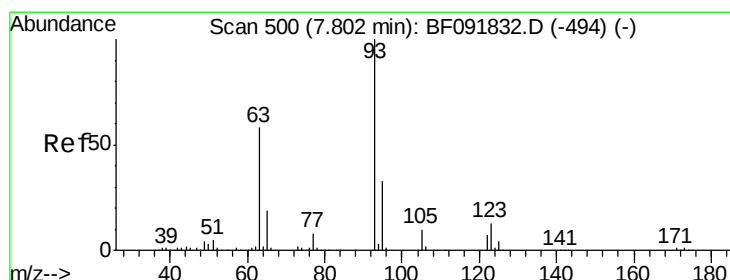
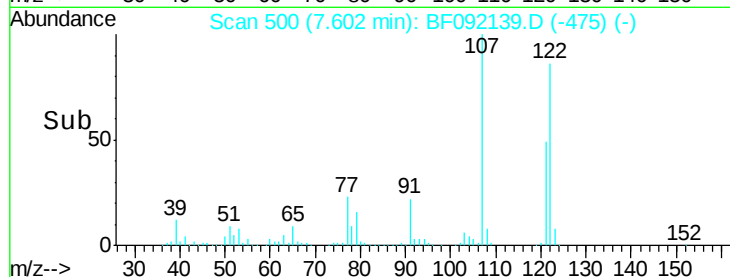
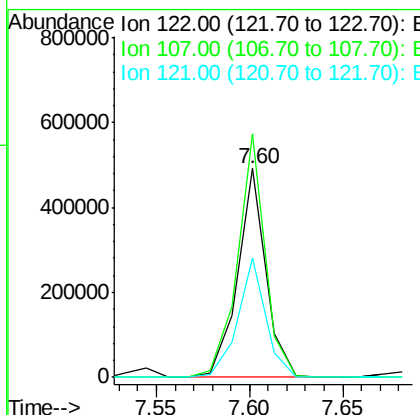
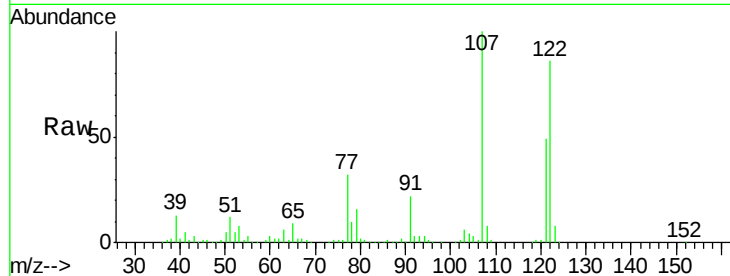
#27
 2,4-Dimethylphenol
 Concen: 41.35 ng
 RT: 7.60 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	518351		
107	116.5	94.1	141.1	
121	57.3	46.0	69.0	

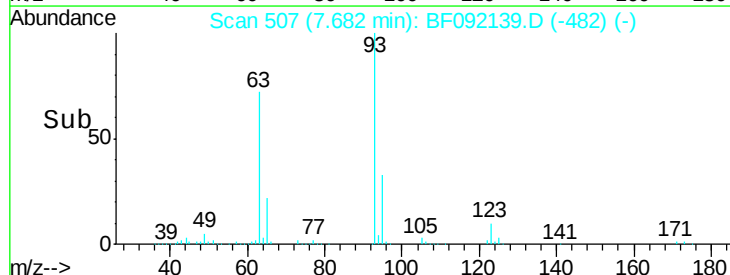
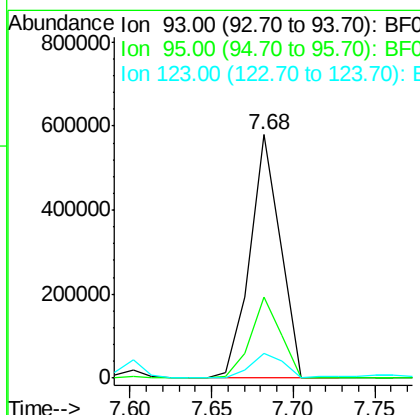
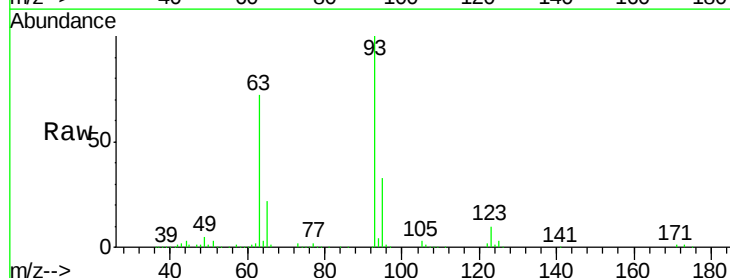
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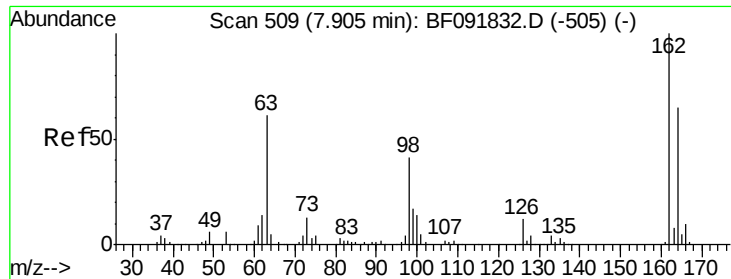
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.43 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	747539		
95	33.3	26.5	39.7	
123	10.4	8.6	13.0	





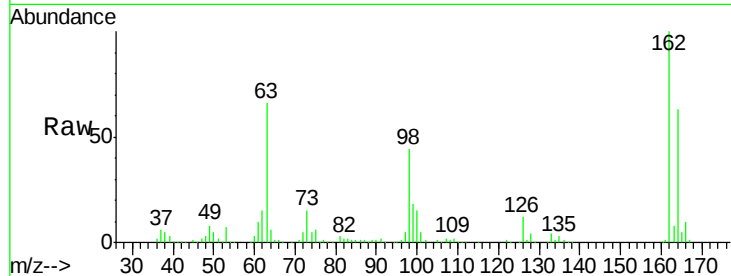
#29
2,4-Dichlorophenol
Concen: 47.94 ng
RT: 7.80 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

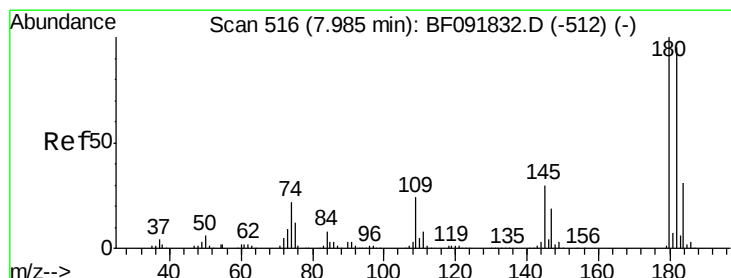
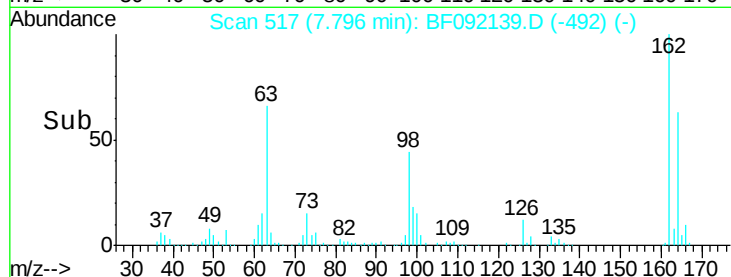
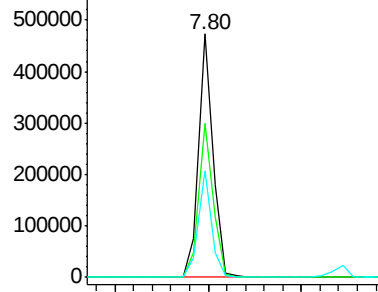
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	508901		
164	63.5	46.8	86.8	
98	43.7	9.1	49.1	

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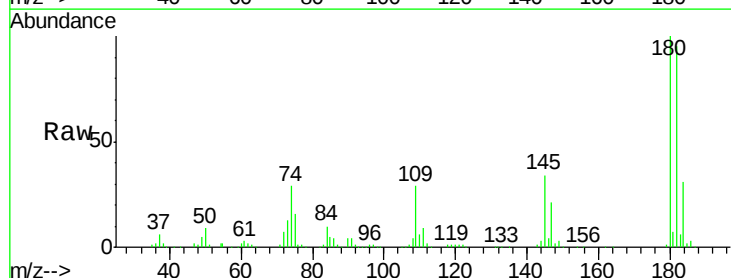


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BFO

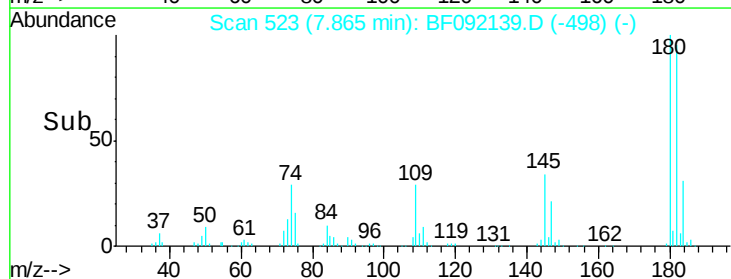
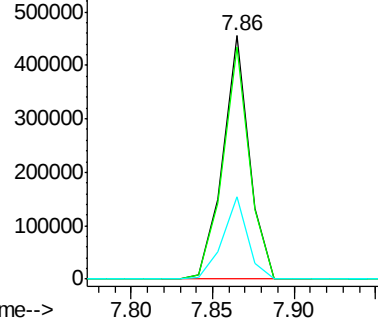


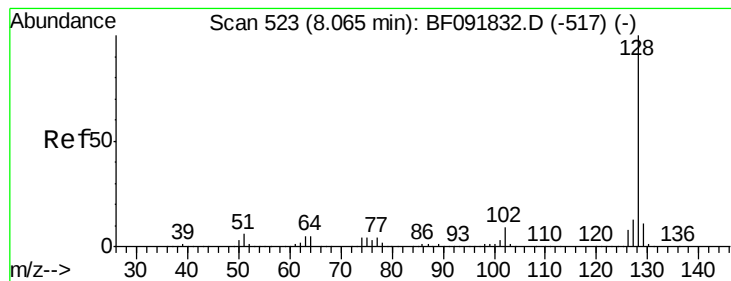
#30
1,2,4-Trichlorobenzene
Concen: 44.01 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	511940		
182	95.1	78.2	117.4	
145	33.6	21.6	32.4#	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.07 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:128 Resp: 1797265

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

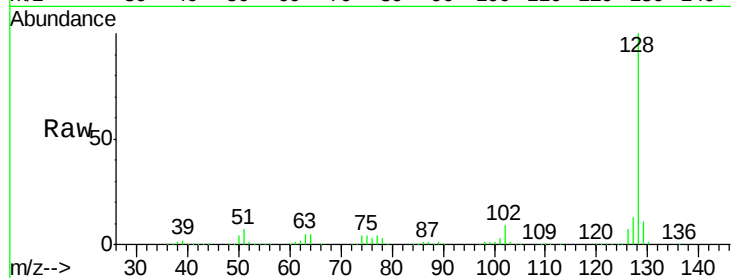
127 13.3 10.8 16.2

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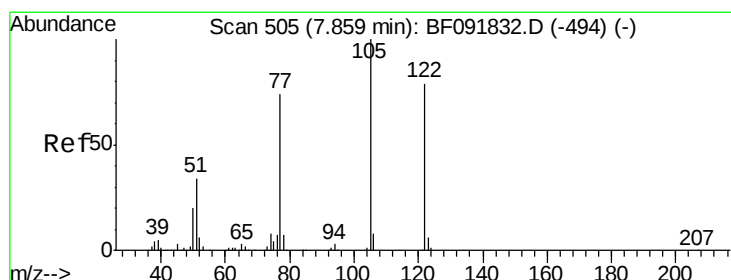
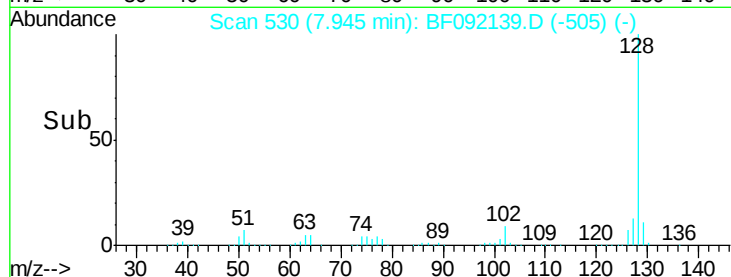
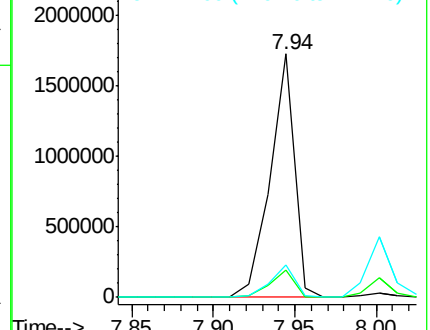
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.82 ng

RT: 7.76 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

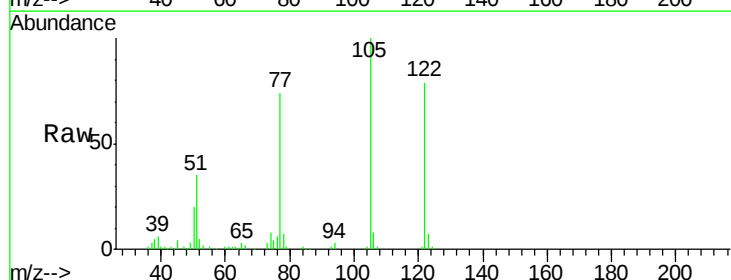
Tgt Ion:122 Resp: 314440

Ion Ratio Lower Upper

122 100

105 126.5 107.2 147.2

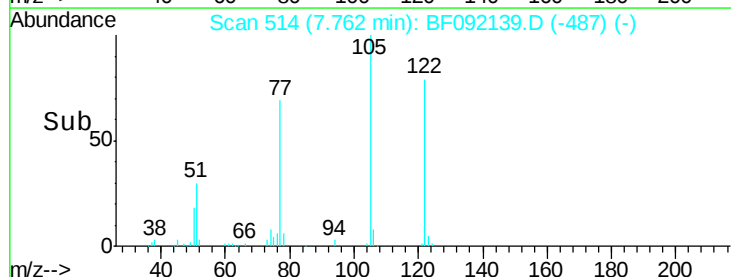
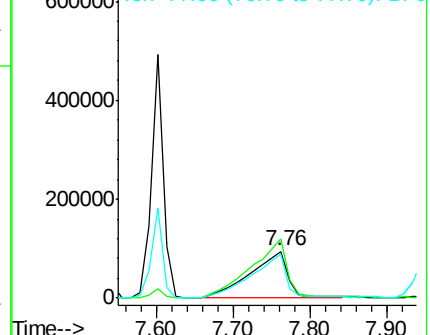
77 93.7 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





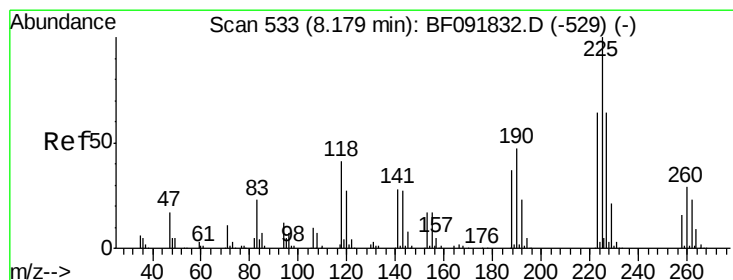
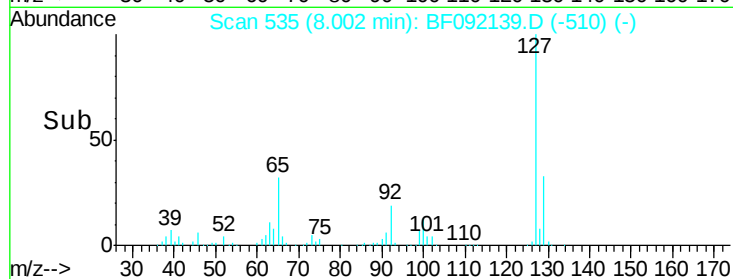
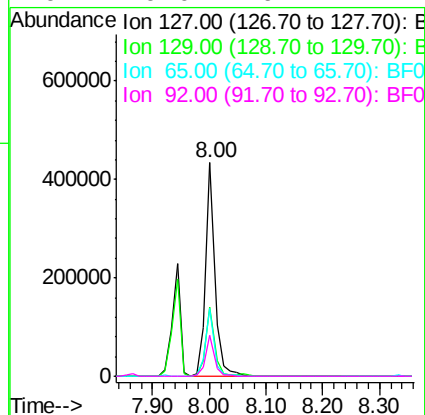
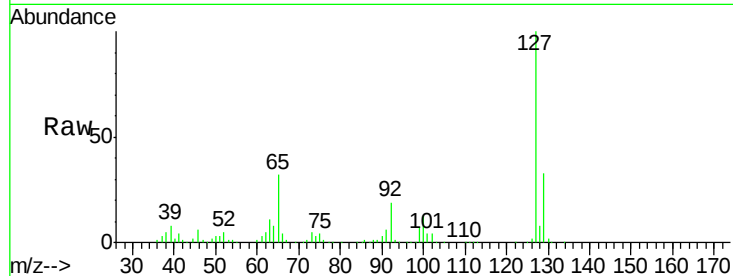
#33
4-Chloroaniline
Concen: 28.70 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:	127	Resp:	474014
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.3	39.5
65	31.9	25.8	38.8
92	19.0	16.1	24.1

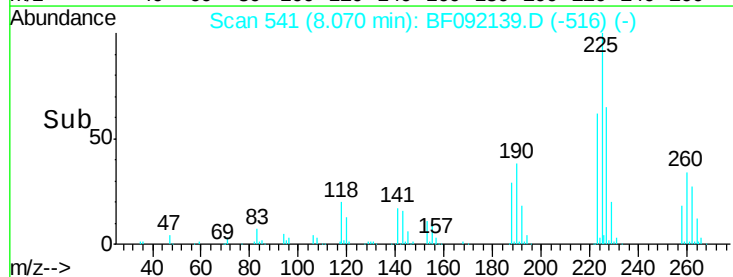
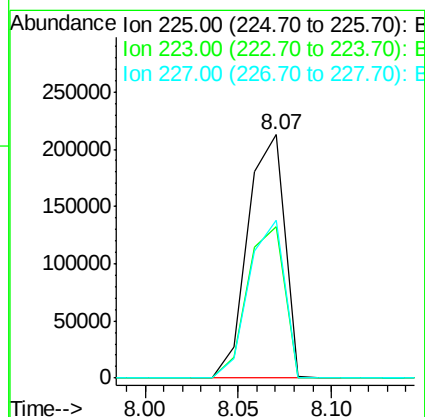
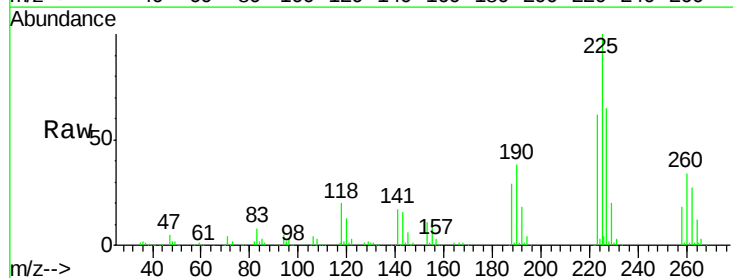
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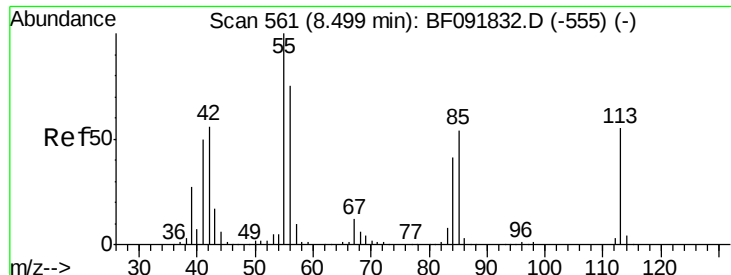
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#34
Hexachlorobutadiene
Concen: 47.18 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion:	225	Resp:	289737
Ion Ratio	Lower	Upper	
225	100		
223	62.3	51.0	76.6
227	65.0	50.6	76.0





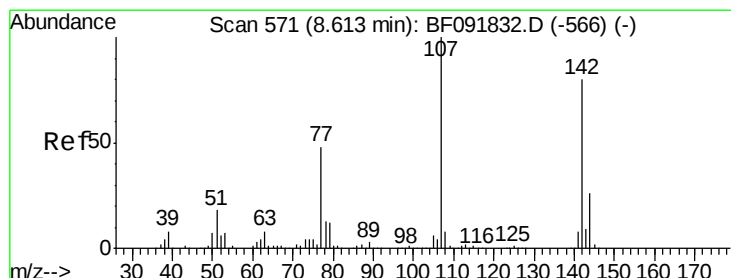
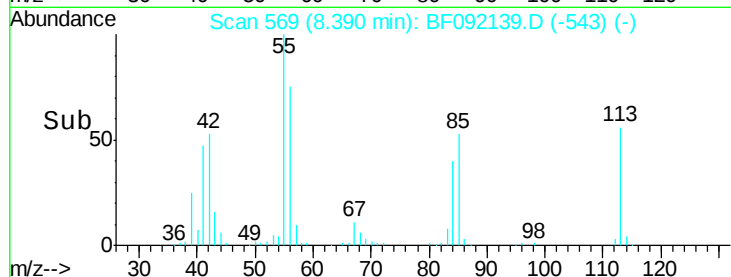
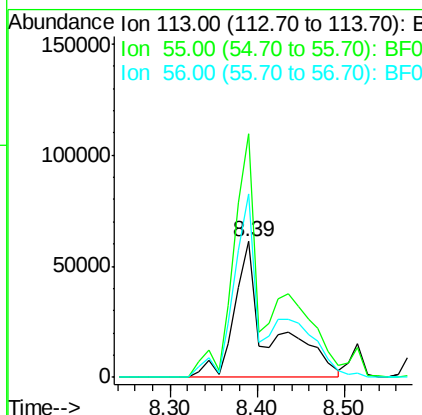
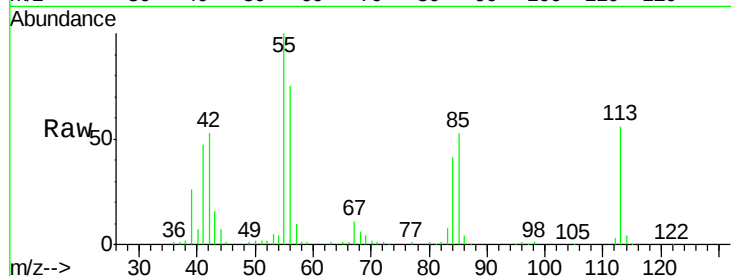
#35
 Caprolactam
 Concen: 49.38 ng m
 RT: 8.39 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:113 Resp: 172263
 Ion Ratio Lower Upper
 113 100
 55 179.5 119.2 159.2#
 56 135.1 83.8 123.8#

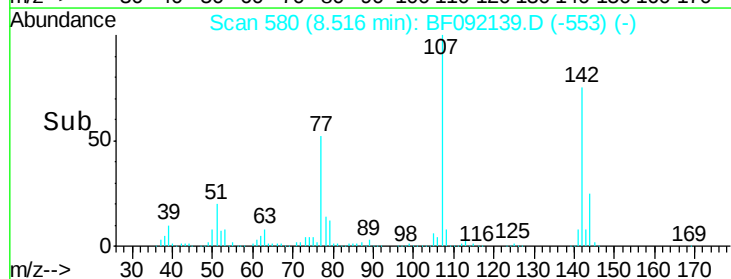
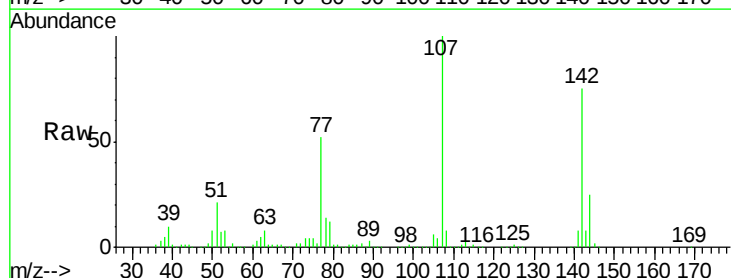
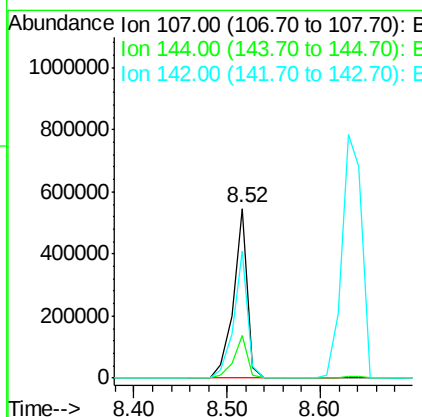
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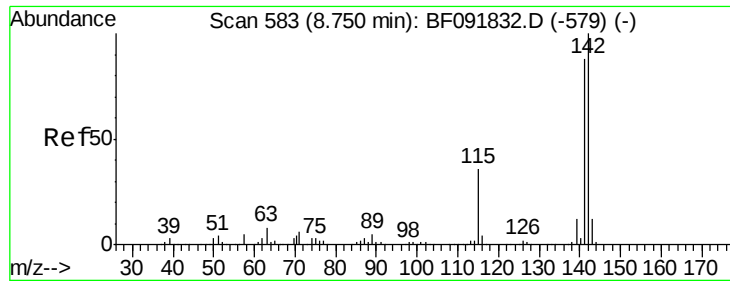
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#36
 4-Chloro-3-methylphenol
 Concen: 46.53 ng
 RT: 8.52 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Tgt Ion:107 Resp: 568363
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.3 28.9
 142 75.0 59.0 88.6





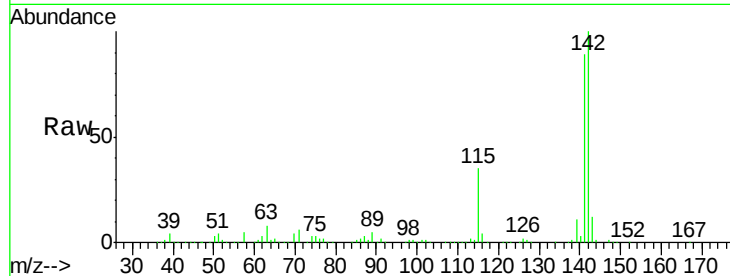
#37
2-Methylnaphthalene
Concen: 58.37 ng
RT: 8.63 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

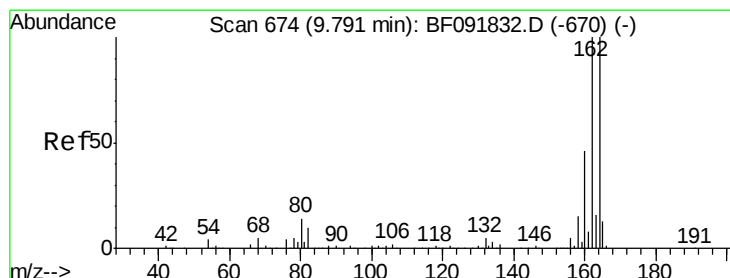
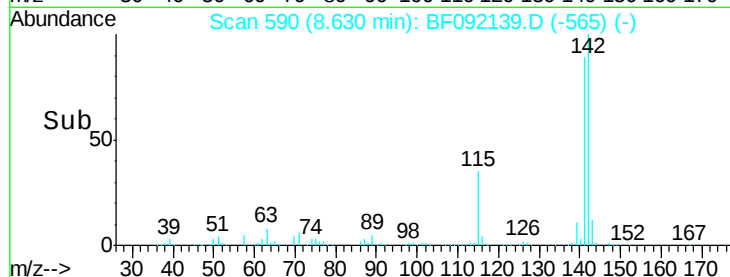
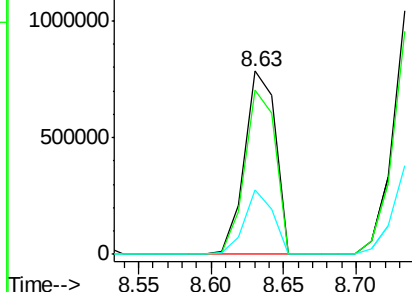
Tgt Ion:142 Resp: 1157485
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 35.0 28.3 42.5

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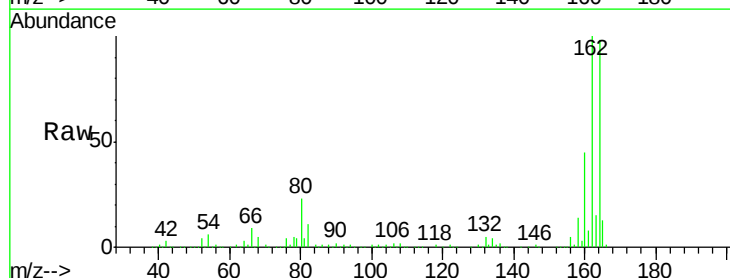


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

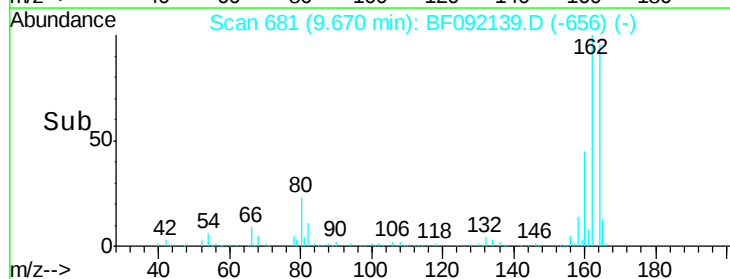
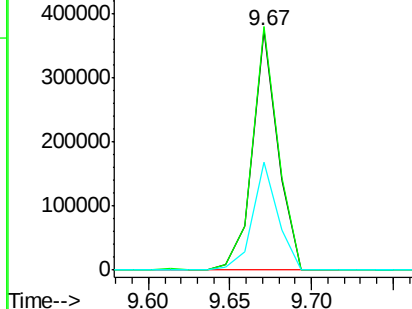


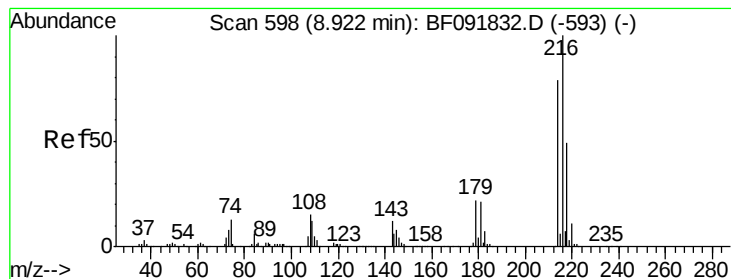
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion:164 Resp: 406578
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.2
160 45.4 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.34 ng

RT: 8.80 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

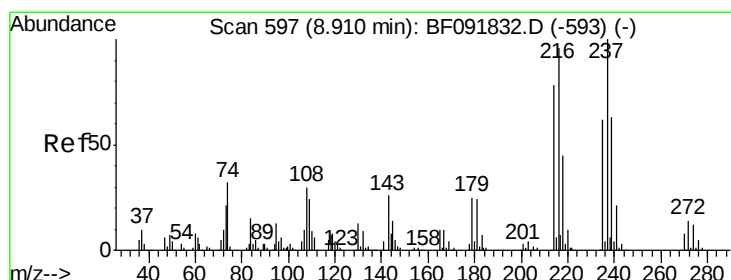
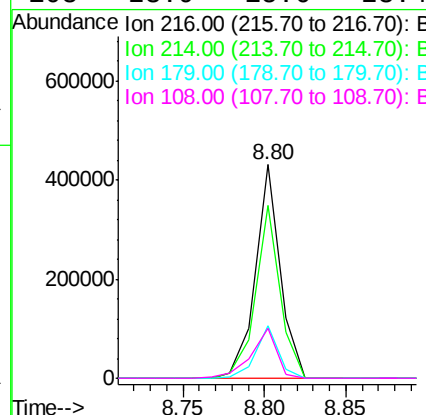
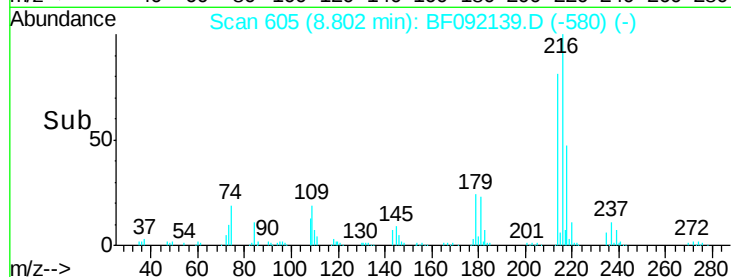
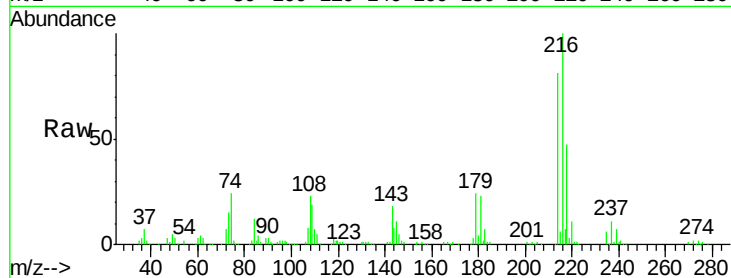
ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:	216	Resp:	455524
Ion Ratio		Lower	Upper
216	100		
214	79.8	63.4	95.0
179	22.7	17.4	26.2
108	23.9	15.6	23.4

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#40

Hexachlorocyclopentadiene

Concen: 89.82 ng

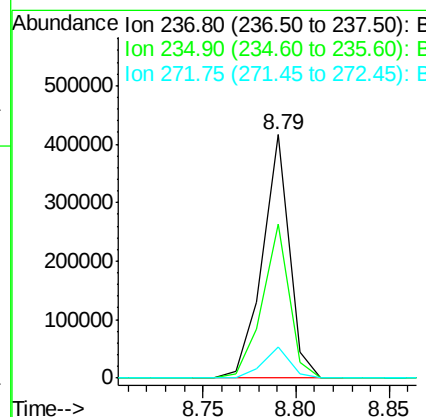
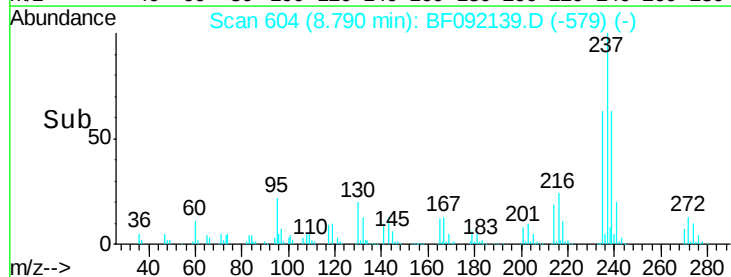
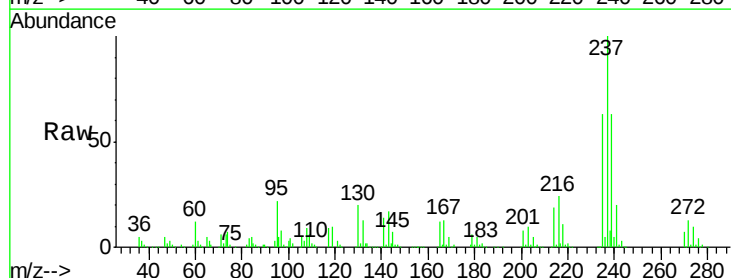
RT: 8.79 min Scan# 604

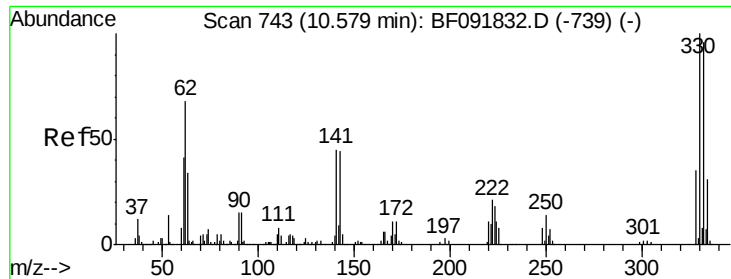
Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Tgt Ion:	237	Resp:	413241
Ion Ratio		Lower	Upper
237	100		
235	63.2	41.2	81.2
272	12.9	0.0	35.4





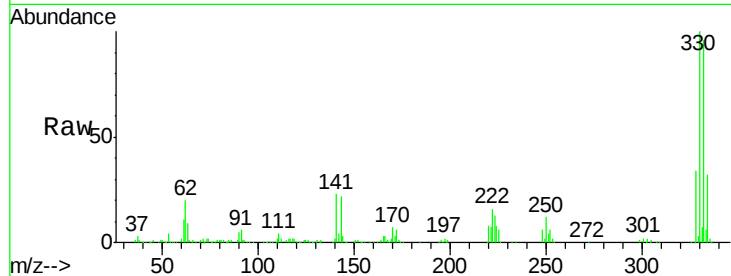
#41
 2,4,6-Tribromophenol
 Concen: 154.59 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMSD

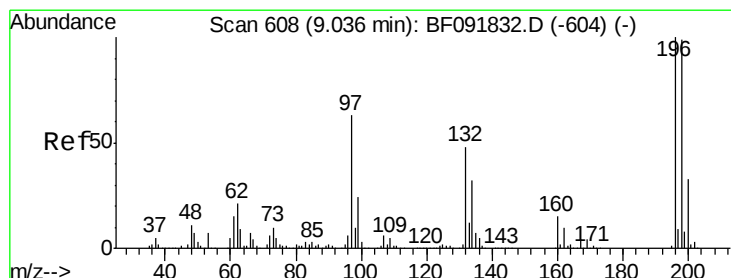
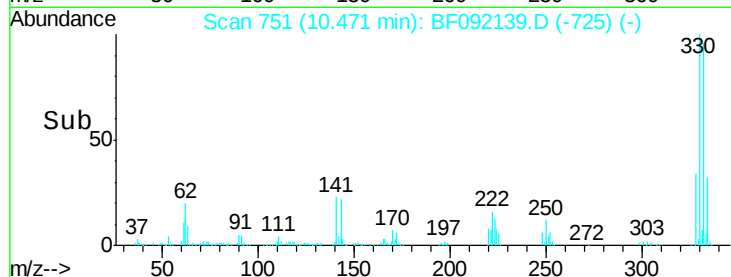
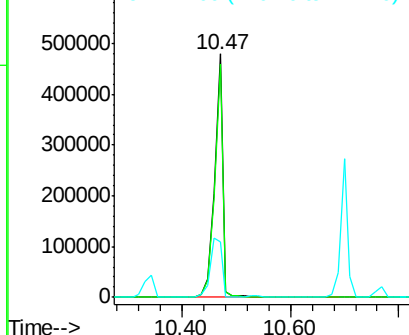
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	520165		
332	95.5	77.4	116.2	
141	34.1	34.1	51.1	

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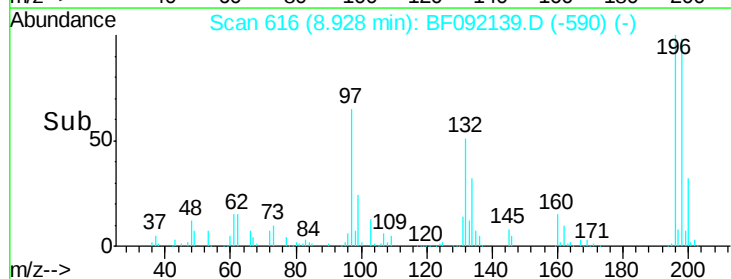
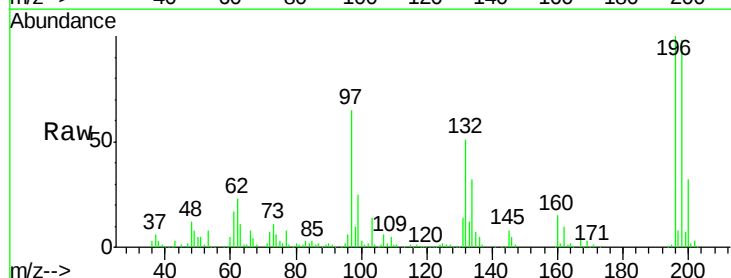
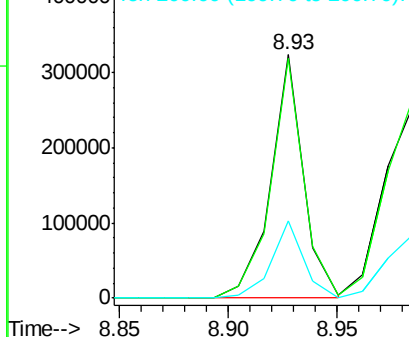
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

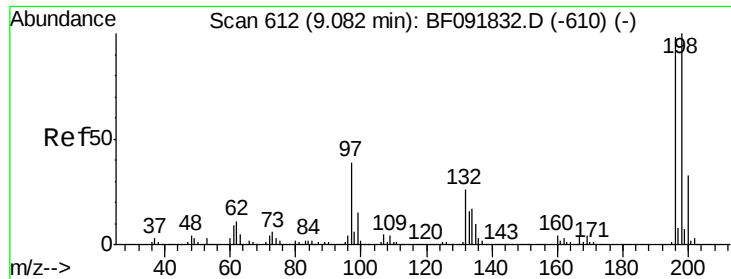


#42
 2,4,6-Trichlorophenol
 Concen: 47.72 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	342798		
198	98.3	82.1	123.1	
200	31.5	27.0	40.4	

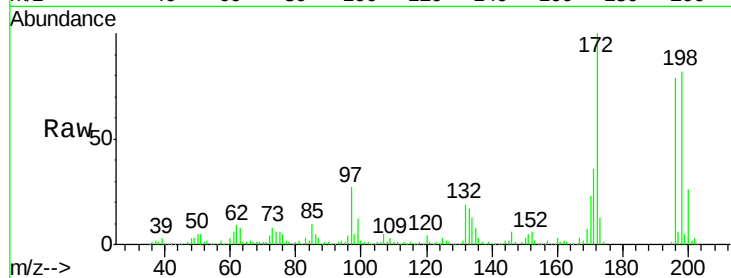
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
2,4,5-Trichlorophenol
Concen: 44.19 ng
RT: 8.98 min Scan# 621
Delta R.T. 0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

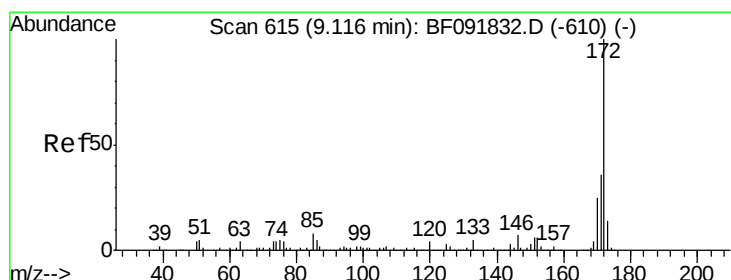
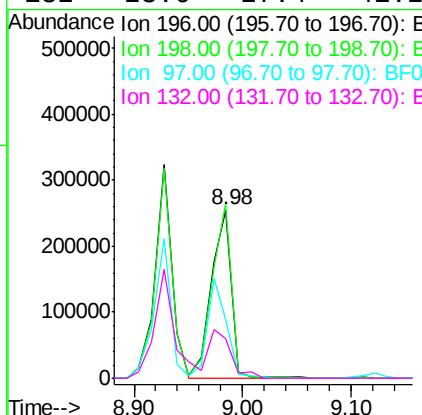
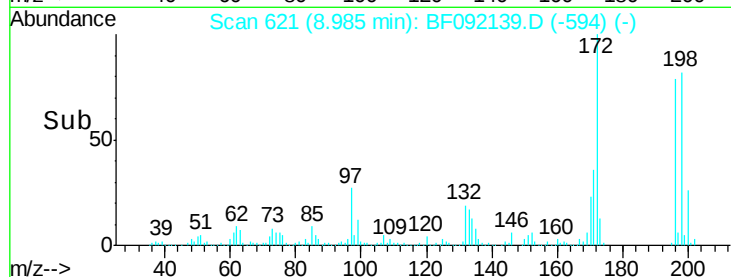
Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	326726		
198	103.9	79.4	119.2	
97	34.8	51.5	77.3	
132	23.6	27.4	41.2	

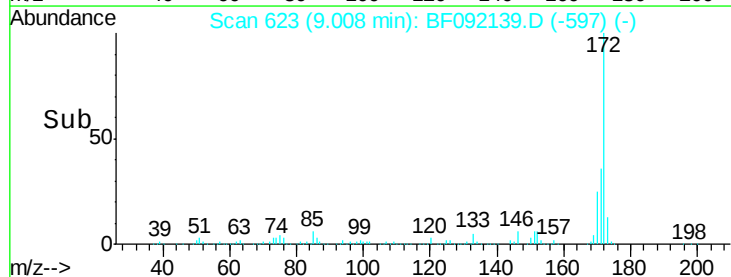
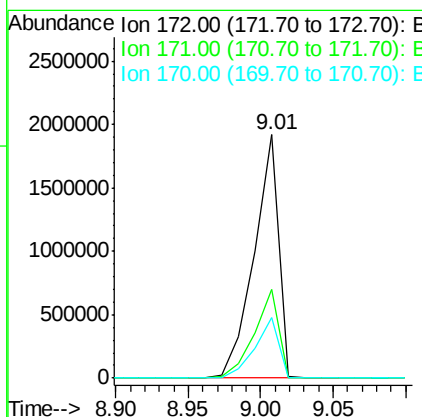
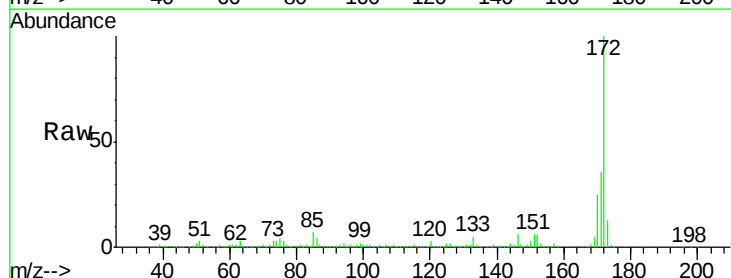
Manual Integrations
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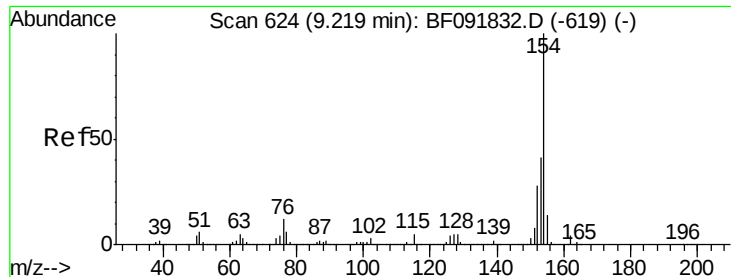
Sohil
1/10/2017 10:01:12 AM



#44
2-Fluorobiphenyl
Concen: 118.93 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2257820		
171	36.2	29.4	44.0	
170	24.7	20.2	30.4	





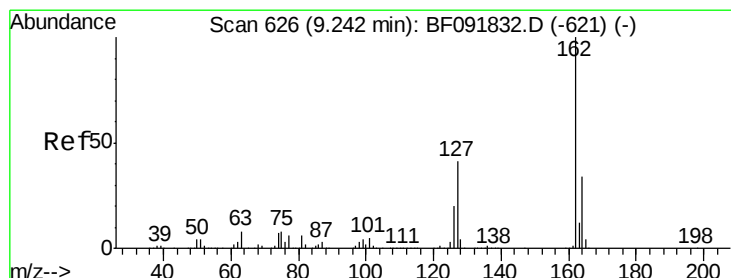
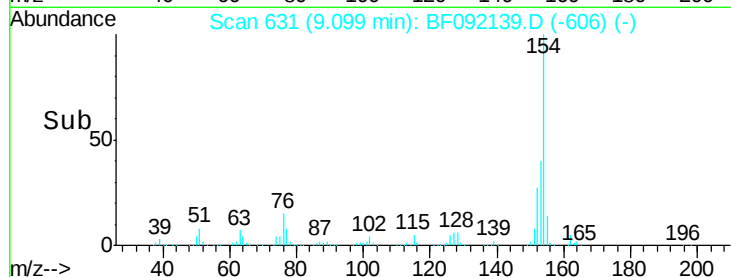
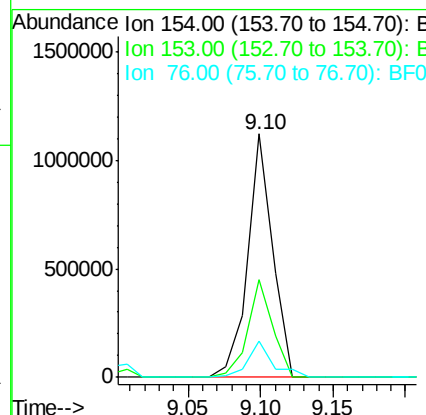
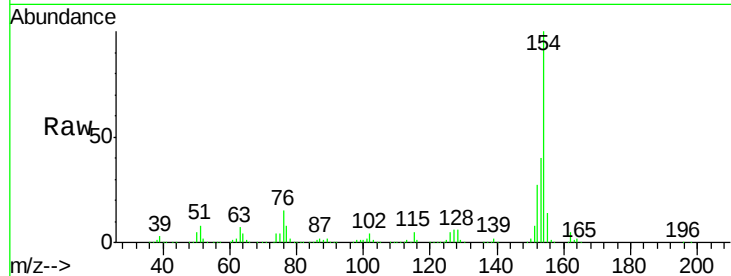
#45
 1,1'-Biphenyl
 Concen: 47.75 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.9	60.9
76	15.1	0.0	30.5

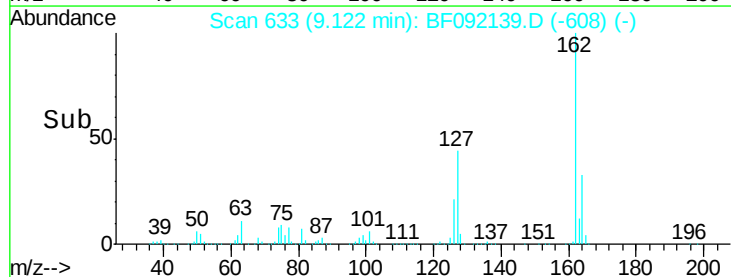
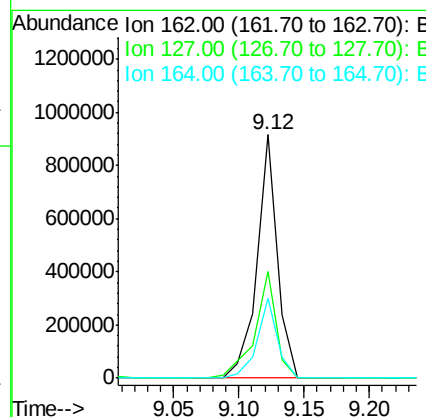
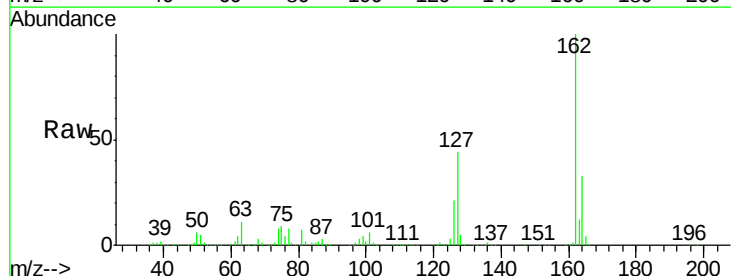
Manual Integrations
 APPROVED

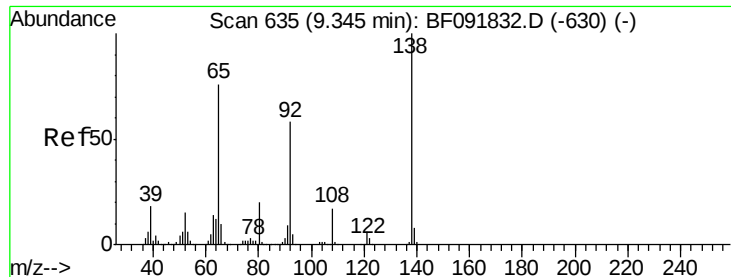
Sohil
 1/10/2017 10:01:12 AM



#46
 2-Chloronaphthalene
 Concen: 45.25 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.8	30.7	46.1
164	32.8	27.6	41.4





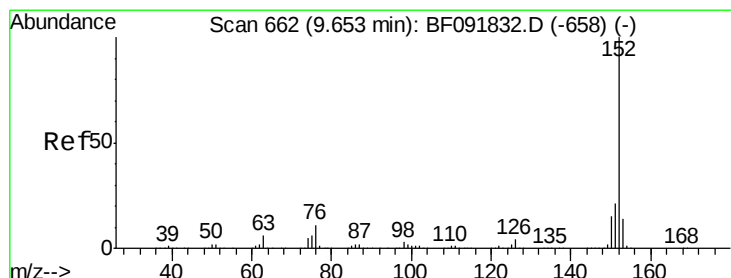
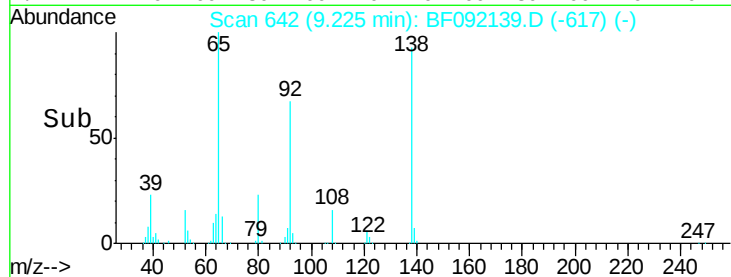
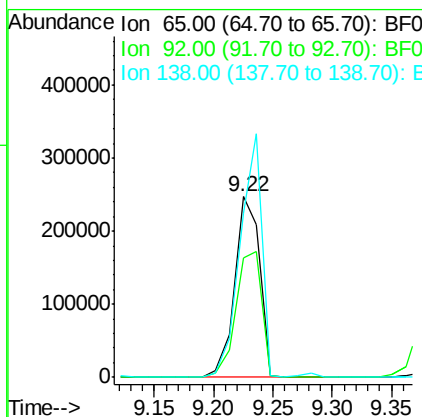
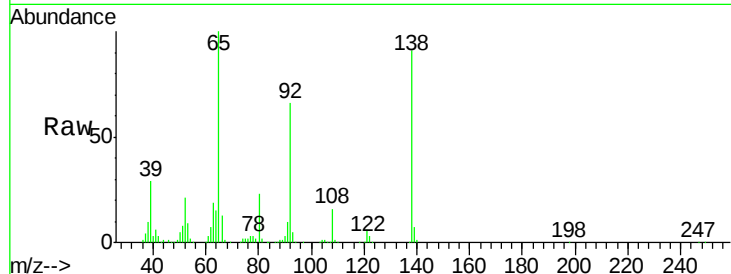
#47
2-Nitroaniline
Concen: 46.08 ng
RT: 9.22 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

Tgt Ion: 65 Resp: 361714
Ion Ratio Lower Upper
65 100
92 66.0 53.9 80.9
138 91.1 76.8 115.2

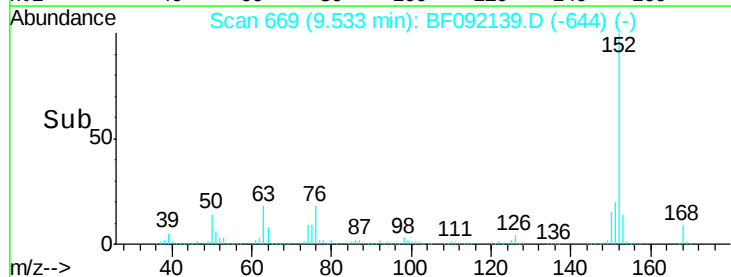
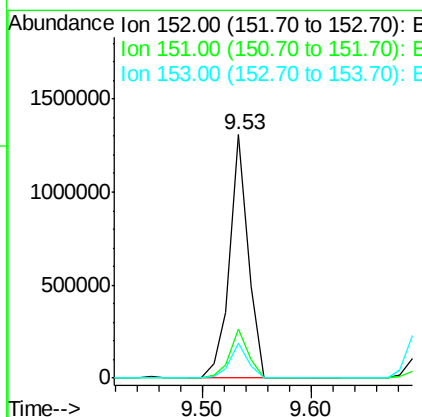
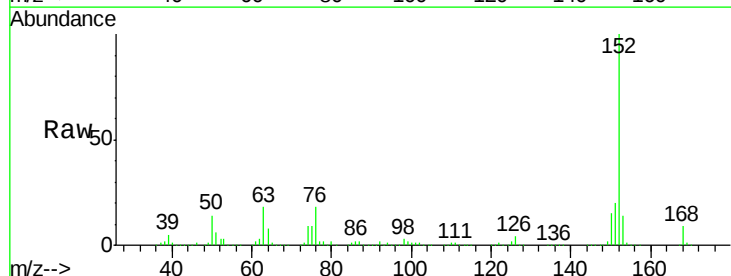
Manual Integrations
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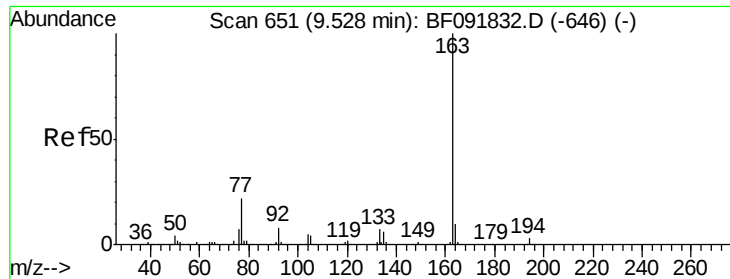
Sohil
1/10/2017 10:01:12 AM



#48
Acenaphthylene
Concen: 45.15 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion: 152 Resp: 1530926
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 56.90 ng

RT: 9.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:163 Resp: 1479690

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

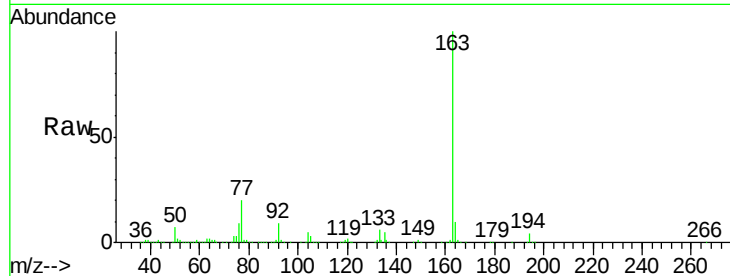
164 10.3 8.0 12.0

Manual Integrations

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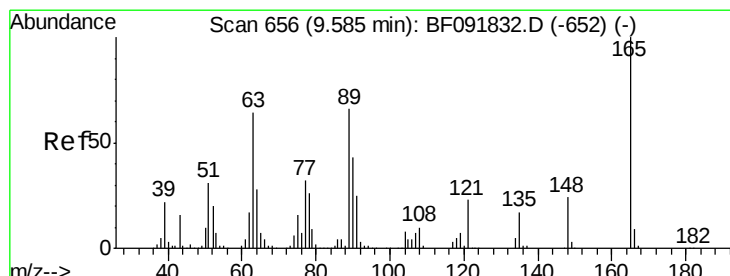
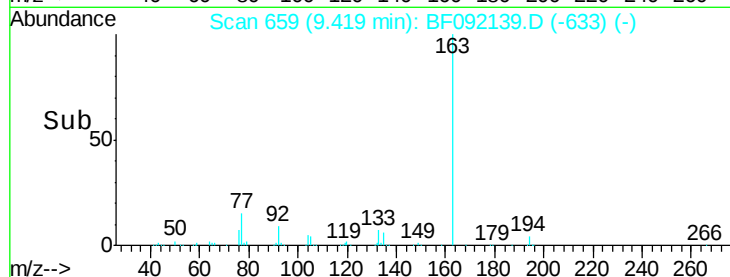
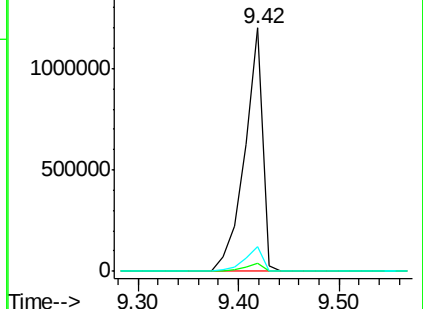
1/10/2017 10:01:12 AM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.01 ng

RT: 9.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

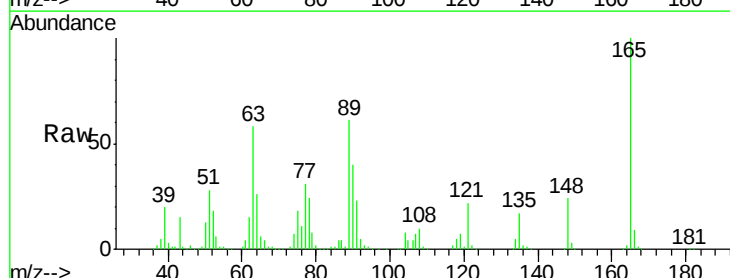
Tgt Ion:165 Resp: 290354

Ion Ratio Lower Upper

165 100

63 57.8 36.2 54.4#

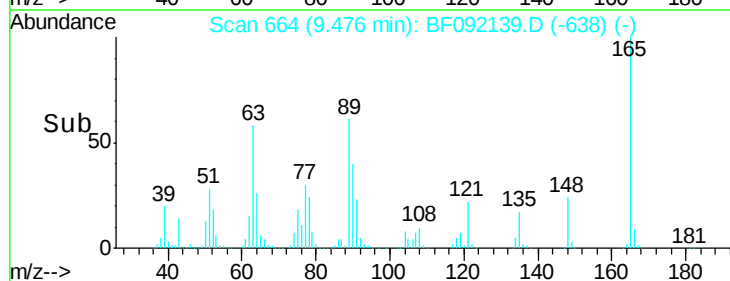
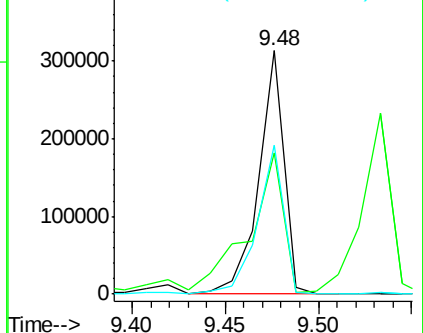
89 61.1 40.2 60.4#

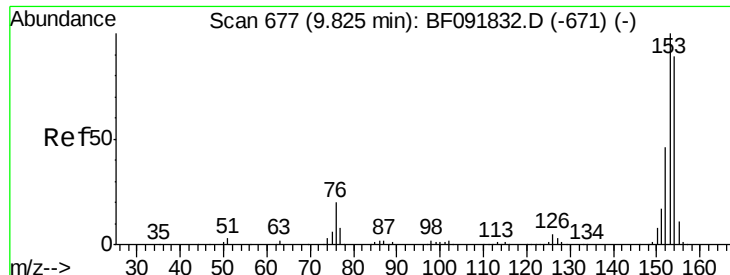


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

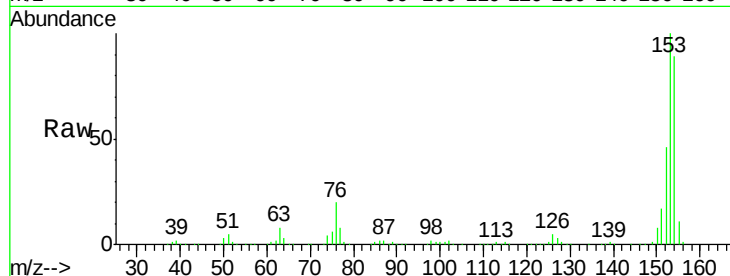
Ion 89.00 (88.70 to 89.70): BF0





#51
Acenaphthene
Concen: 41.88 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

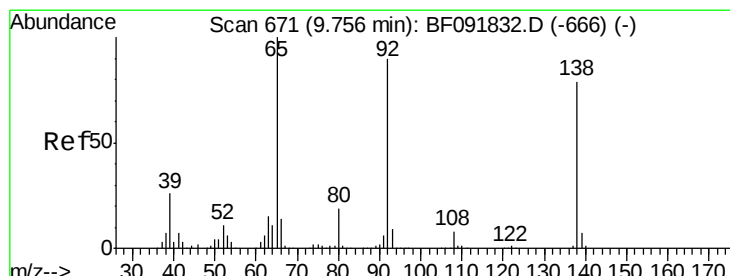
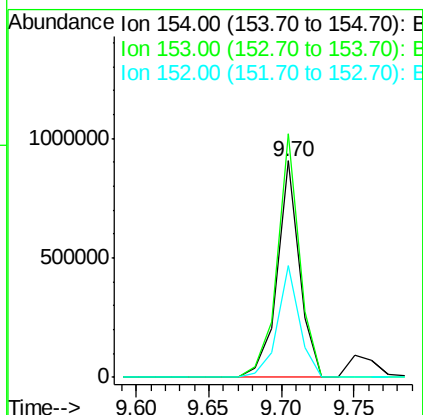
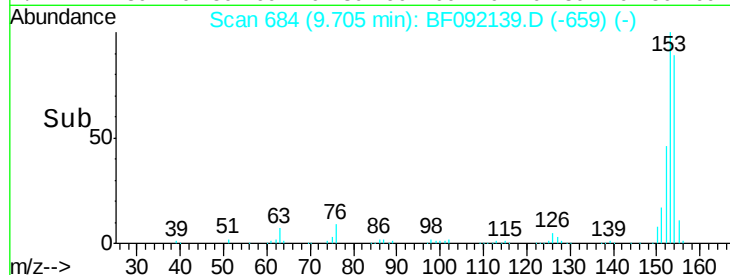
Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	962781		
153	112.6	88.6	133.0	
152	51.7	41.6	62.4	

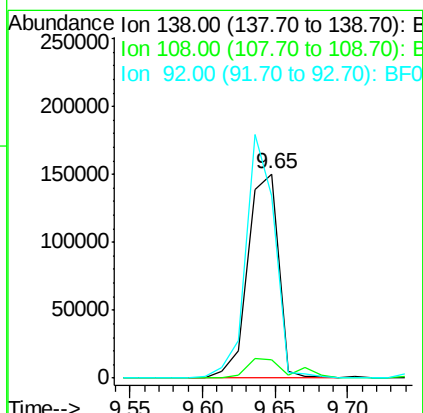
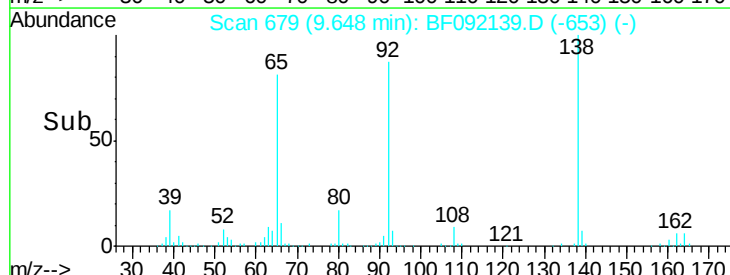
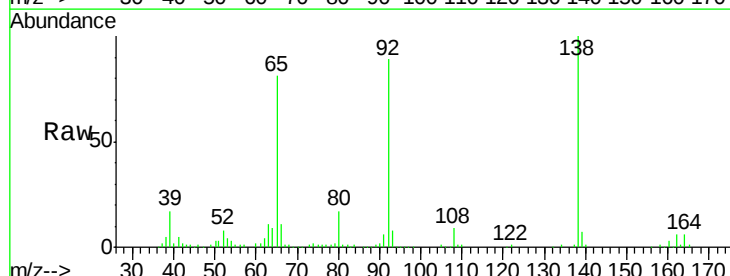
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#52
3-Nitroaniline
Concen: 31.39 ng
RT: 9.65 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	221106		
108	8.8	8.5	12.7	
92	89.0	97.8	146.8#	





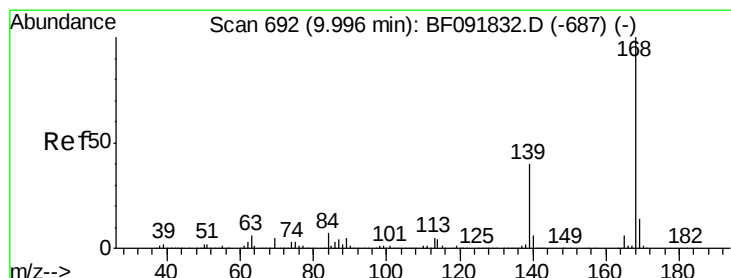
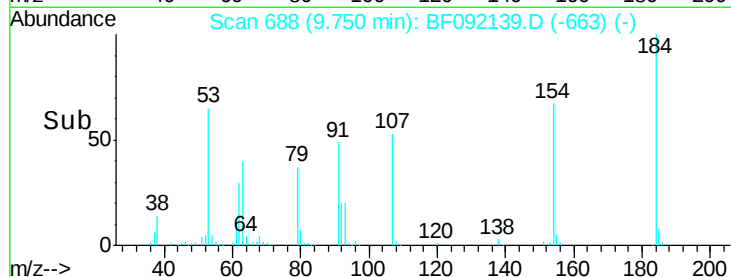
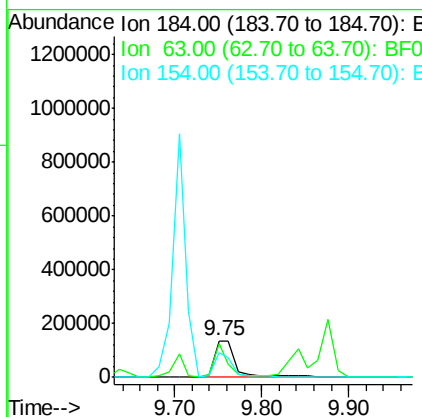
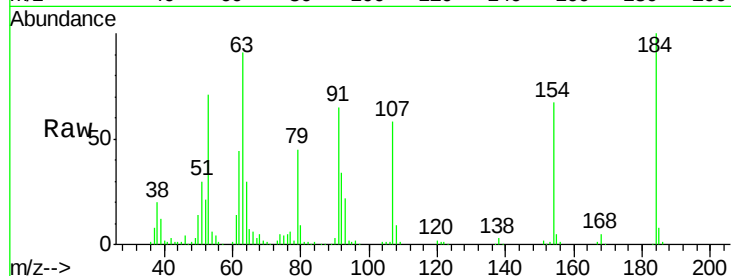
#53
2,4-Dinitrophenol
Concen: 75.67 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	239642		
63	91.0	28.4	42.6#	
154	66.9	44.3	66.5#	

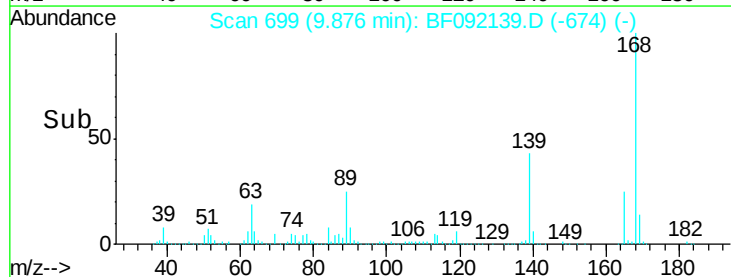
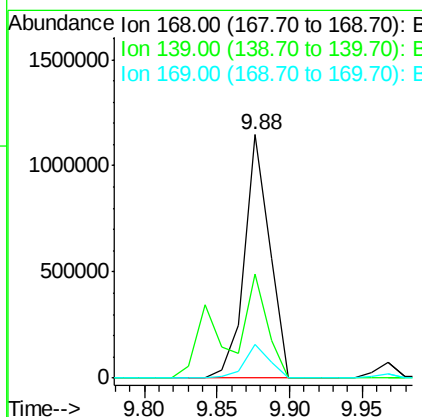
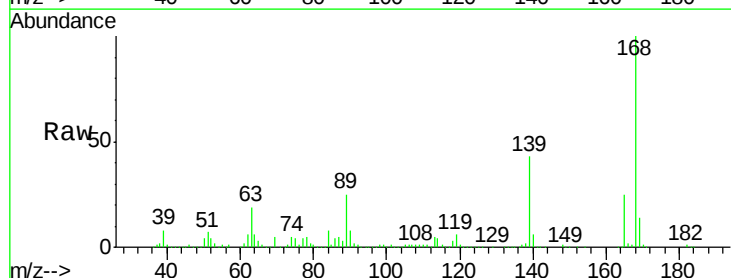
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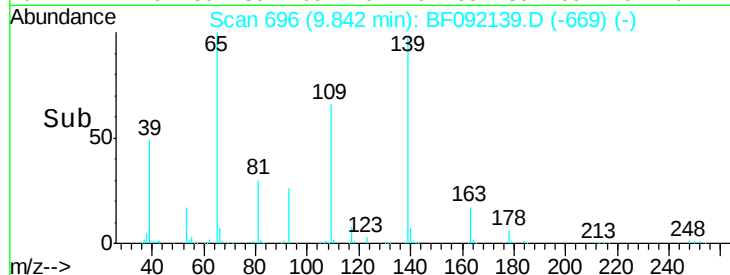
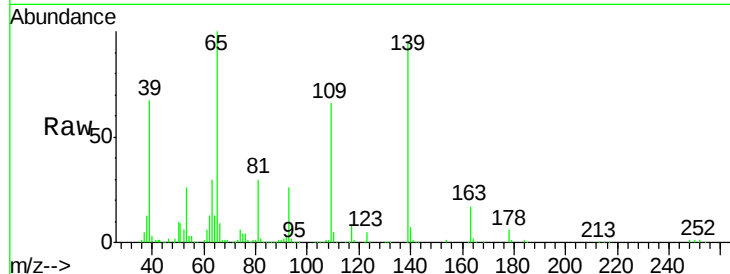
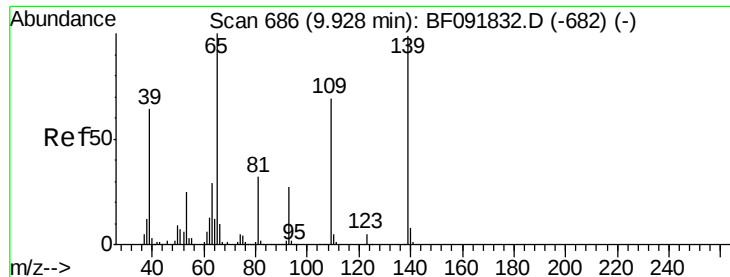
Sohil
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#54
Dibenzofuran
Concen: 44.09 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1368574		
139	42.5	32.6	49.0	
169	14.0	11.3	16.9	





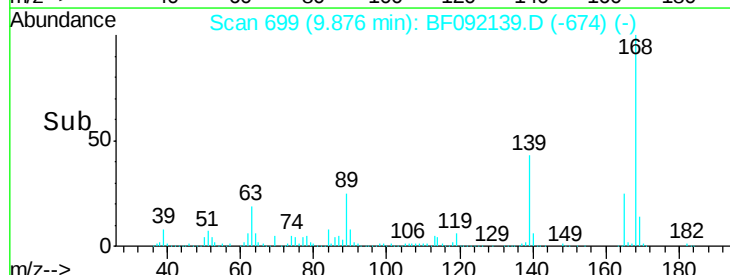
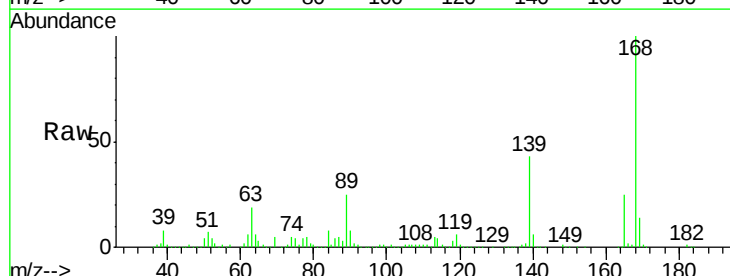
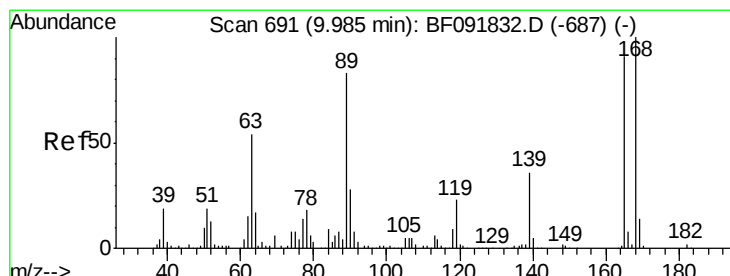
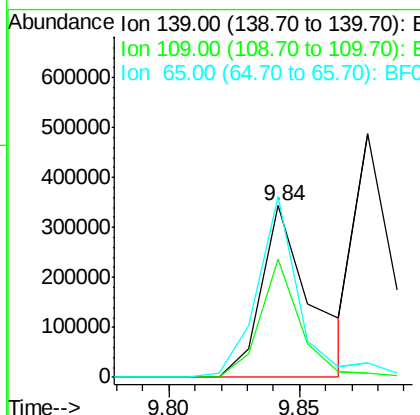
#55
4-Nitrophenol
Concen: 95.64 ng
RT: 9.84 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	457412		
109	69.3	52.2	92.2	
65	105.8	85.8	125.8	

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

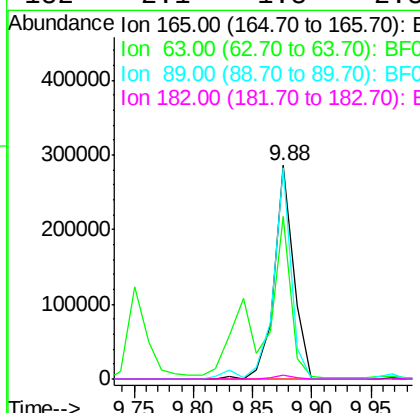
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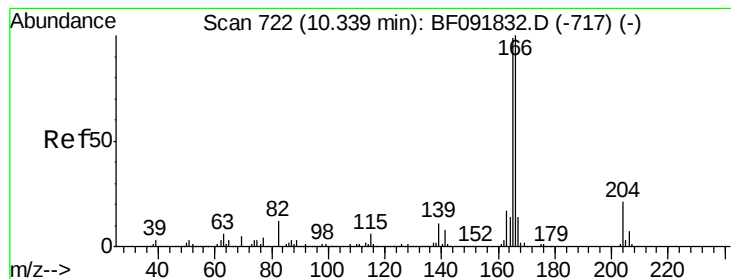
Sohil
1/10/2017 10:01:12 AM



#56
2,4-Dinitrotoluene
Concen: 45.48 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	324888		
63	76.2	40.2	60.4#	
89	98.6	62.5	93.7#	
182	2.1	1.8	2.8	





#57

Fluorene

Concen: 44.57 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:166 Resp: 1006504

Ion Ratio Lower Upper

166 100

165 97.3 77.8 116.8

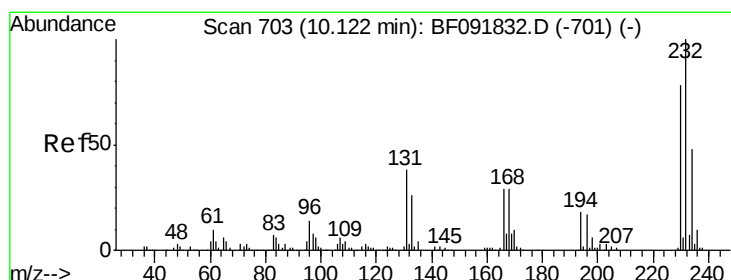
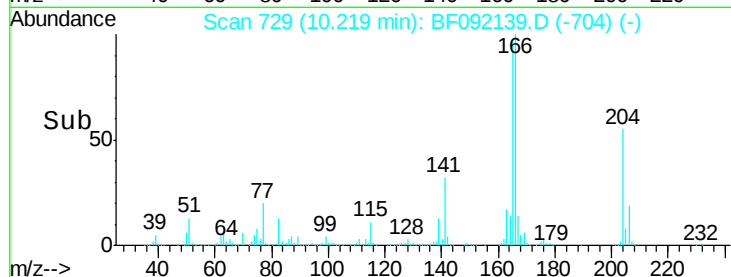
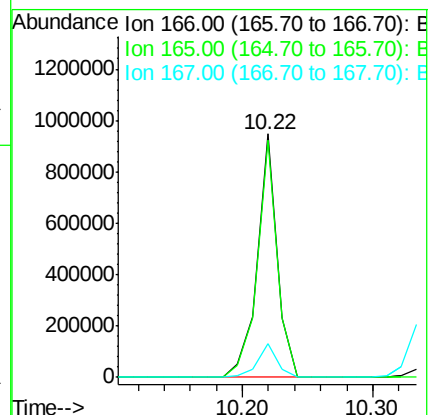
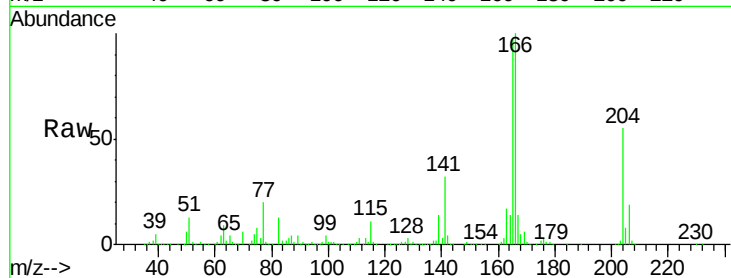
167 13.8 10.8 16.2

Manual Integrations

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Sohil

1/10/2017 10:01:12 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.08 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Tgt Ion:232 Resp: 286991

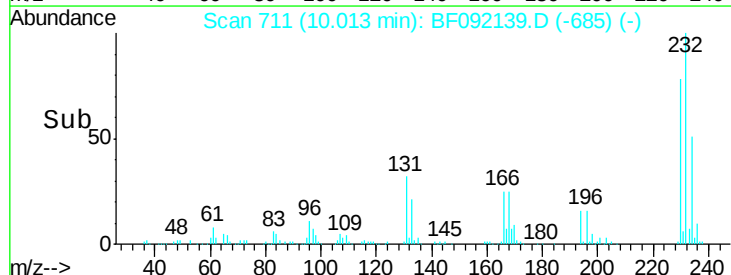
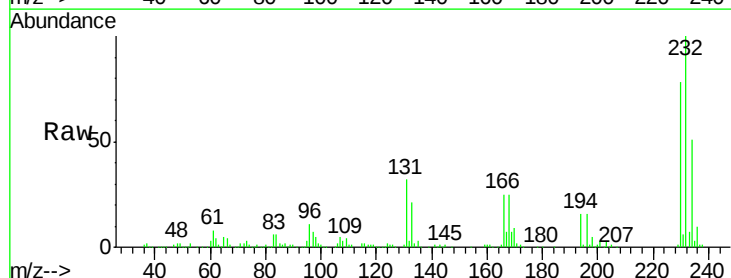
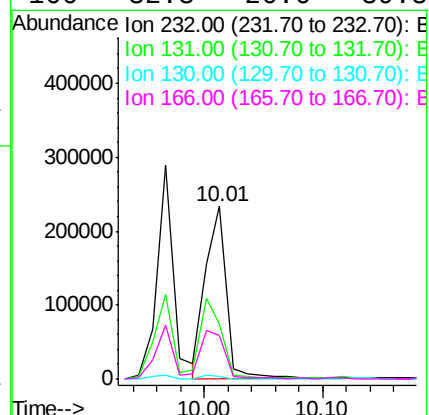
Ion Ratio Lower Upper

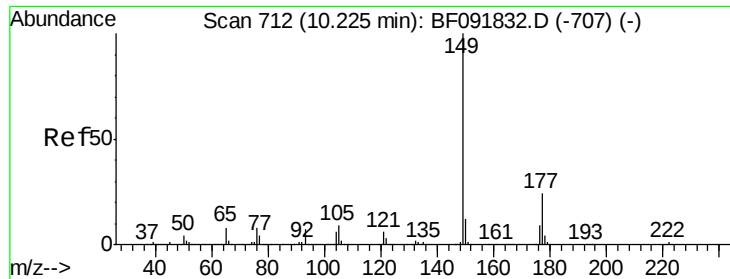
232 100

131 48.9 40.1 60.1

130 2.3 1.8 2.8

166 32.3 26.6 39.8





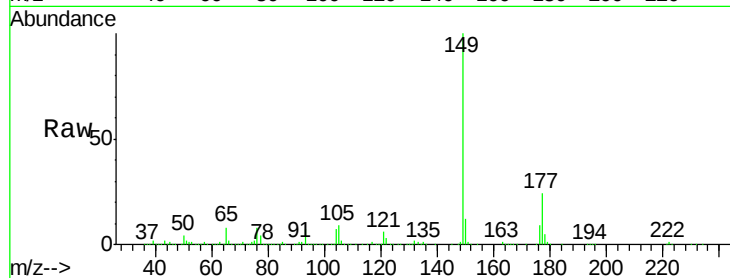
#59
Diethylphthalate
Concen: 50.87 ng
RT: 10.12 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

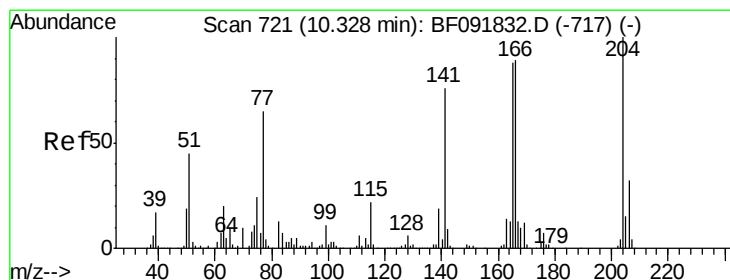
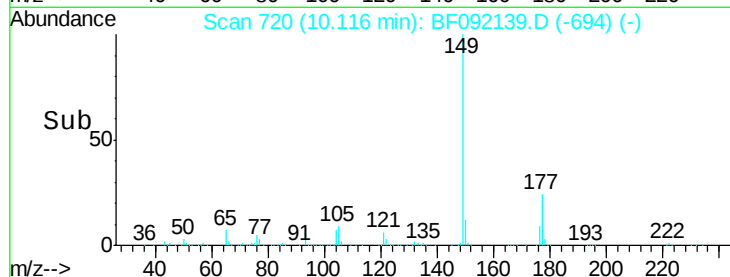
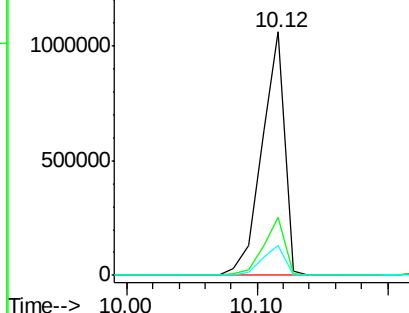
Tgt Ion:149 Resp: 1284611
Ion Ratio Lower Upper
149 100
177 23.6 16.6 25.0
150 12.4 10.4 15.6

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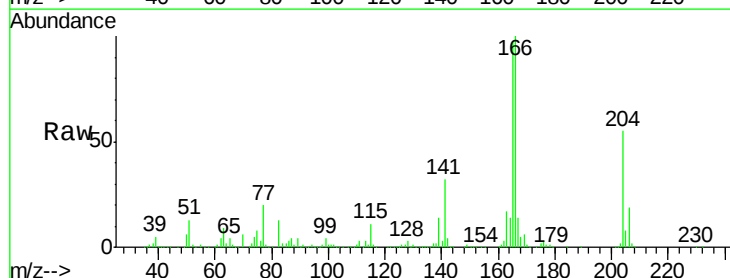


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

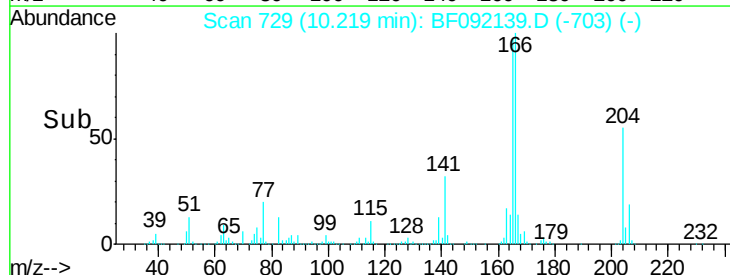
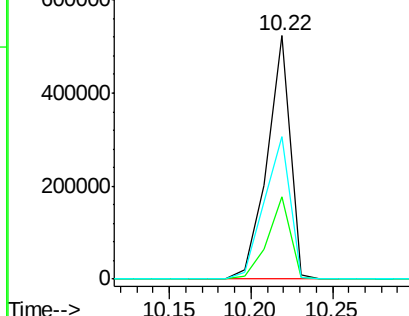


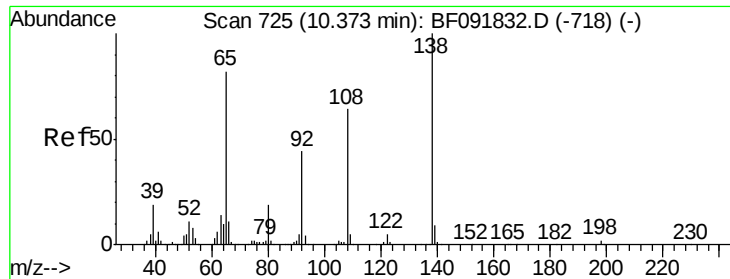
#60
4-Chlorophenyl-phenylether
Concen: 52.24 ng
RT: 10.22 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion:204 Resp: 516561
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 58.5 59.4 89.0#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





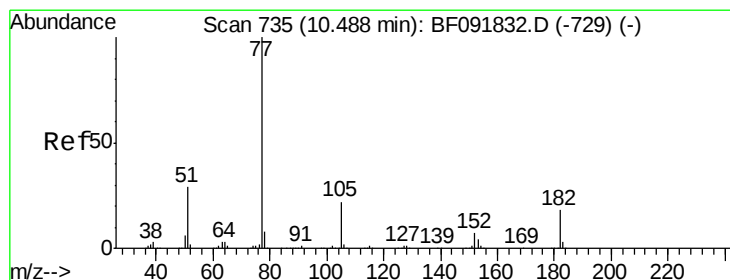
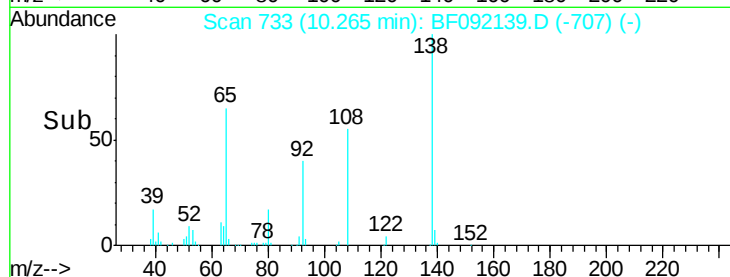
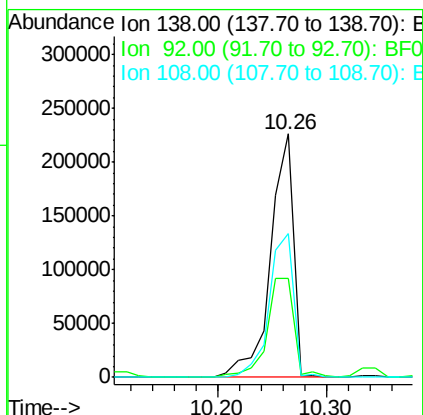
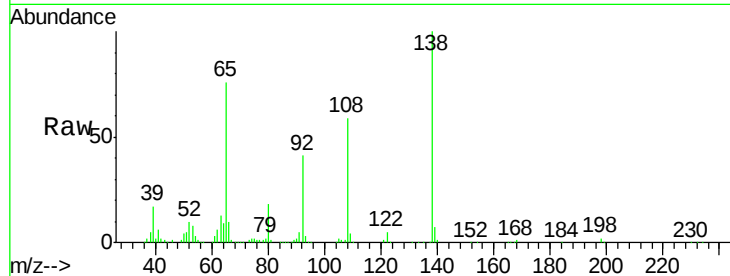
#61
4-Nitroaniline
Concen: 45.30 ng
RT: 10.26 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.5	31.7	71.7
108	59.1	52.6	92.6

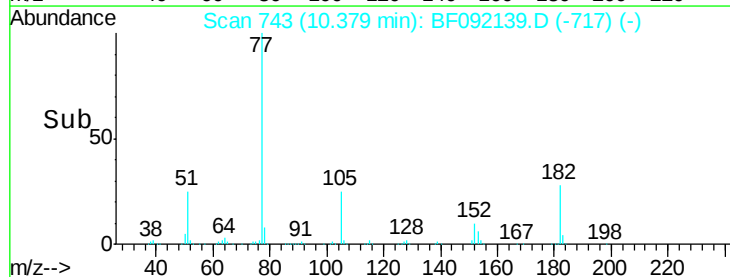
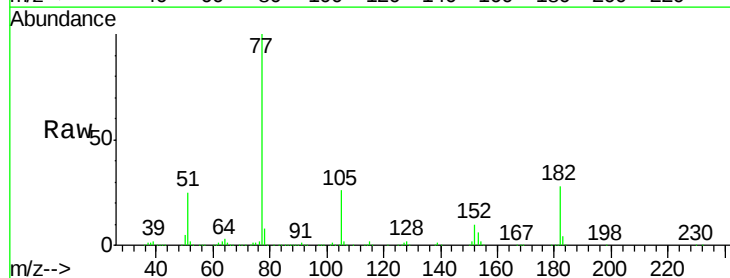
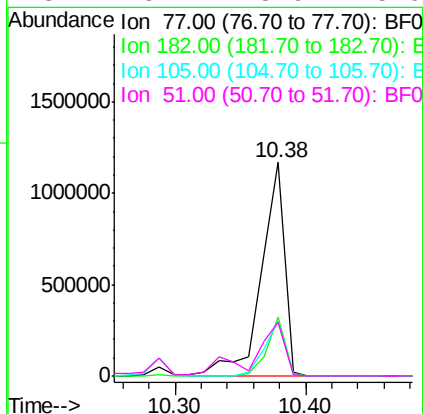
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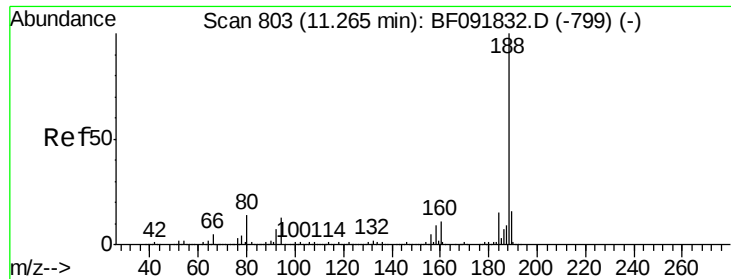
Sohil
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#62
Azobenzene
Concen: 52.69 ng
RT: 10.38 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	0.0	39.3
105	25.7	2.3	42.3
51	25.4	8.9	48.9





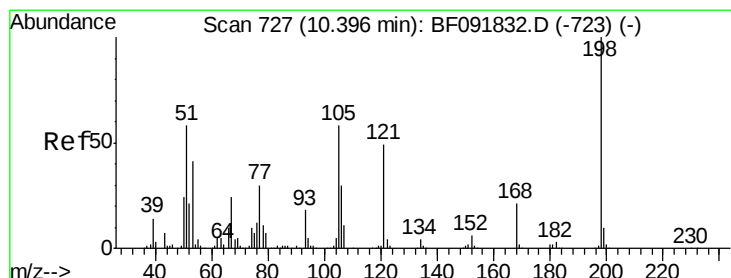
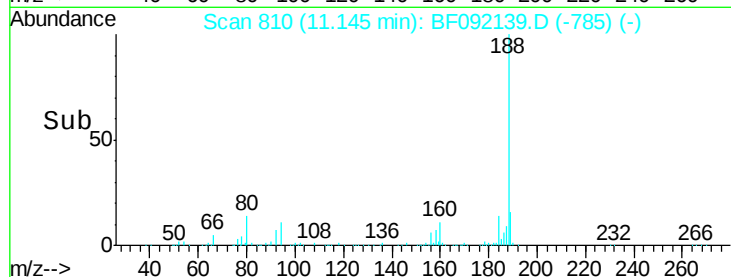
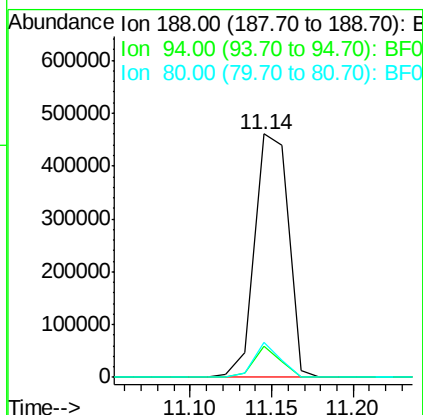
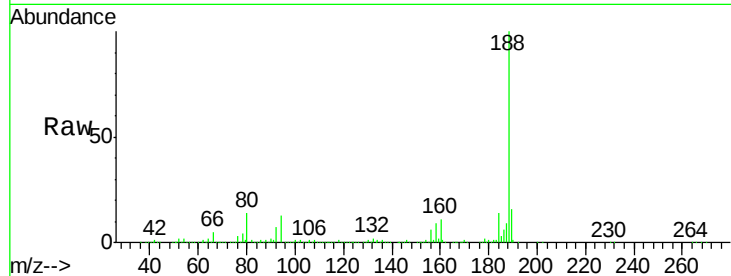
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	662571		
94	12.6	10.0	15.0	
80	14.3	11.2	16.8	

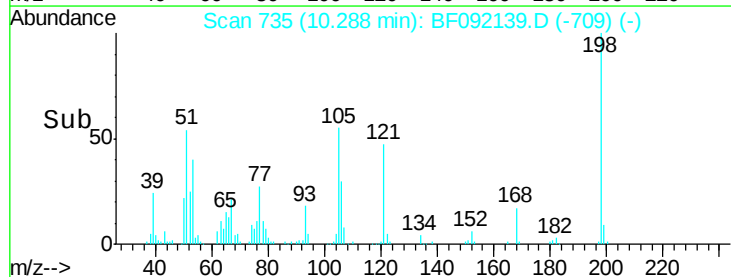
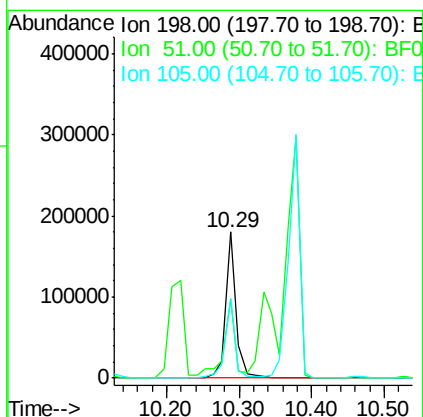
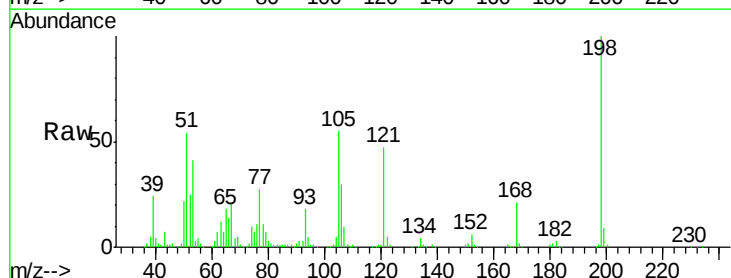
Manual Integrations
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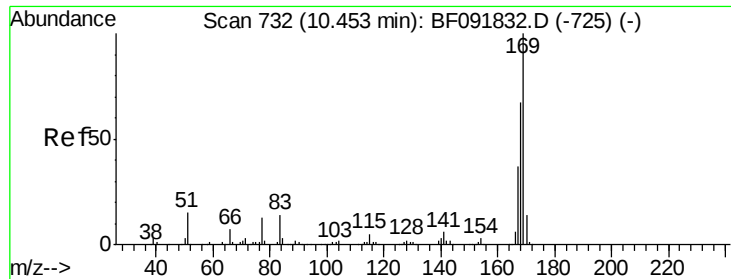
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.14 ng
RT: 10.29 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	180837		
51	53.7	6.7	46.7#	
105	54.5	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 54.42 ng

RT: 10.34 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:169 Resp: 1069933

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

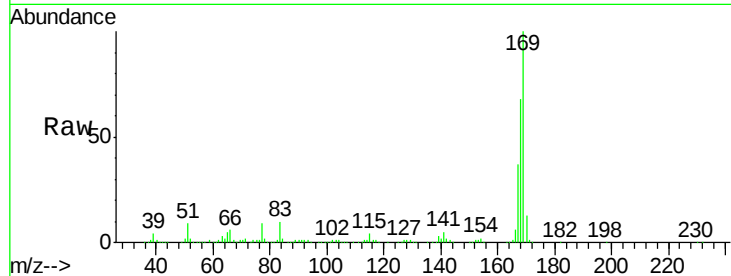
167 37.5 30.2 45.4

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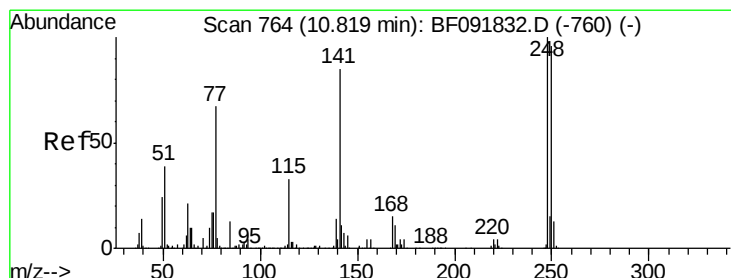
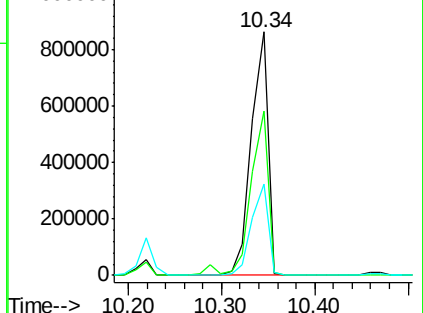
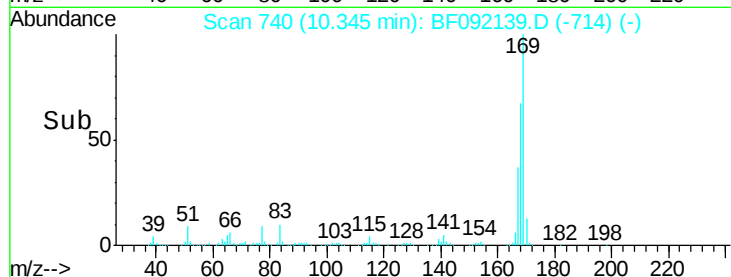
1/10/2017 10:01:12 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.12 ng

RT: 10.70 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

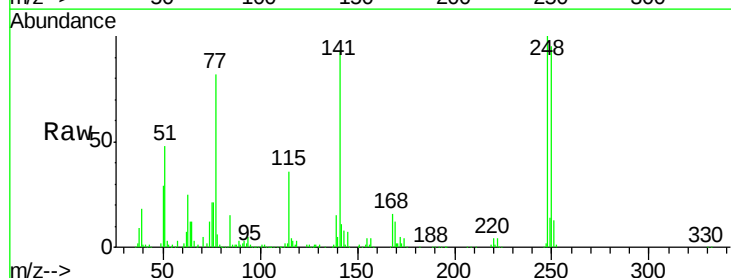
Tgt Ion:248 Resp: 324773

Ion Ratio Lower Upper

248 100

250 94.9 76.9 115.3

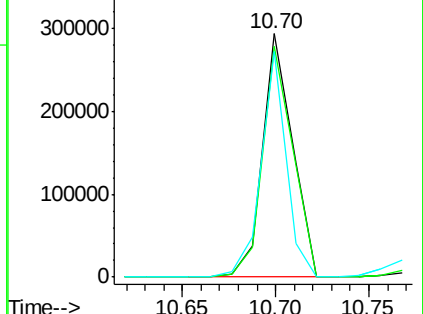
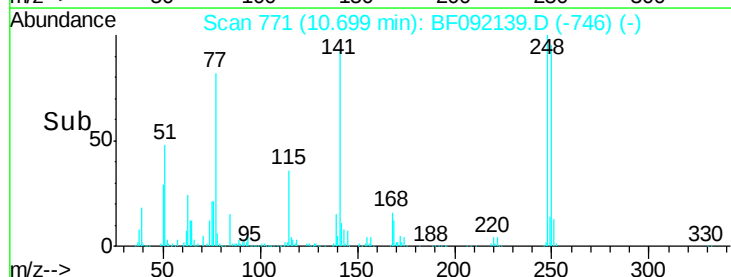
141 92.8 68.2 102.4

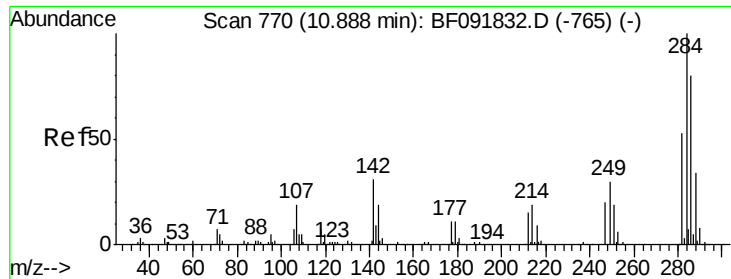


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





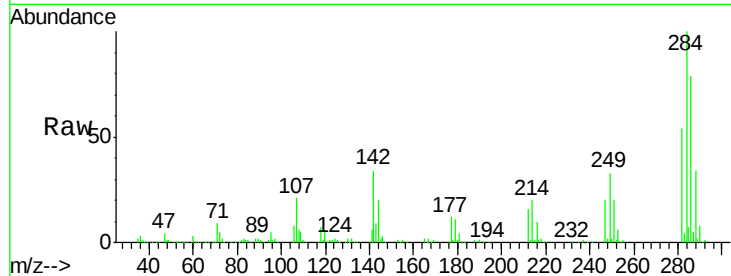
#67
Hexachlorobenzene
Concen: 46.95 ng
RT: 10.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

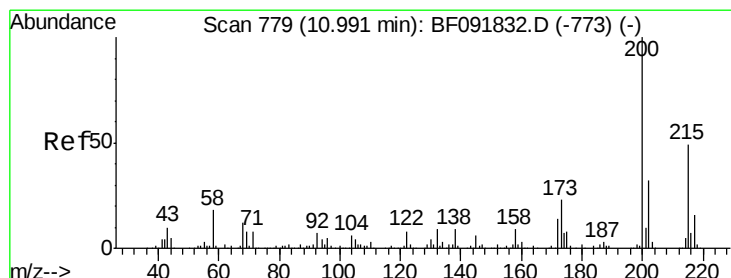
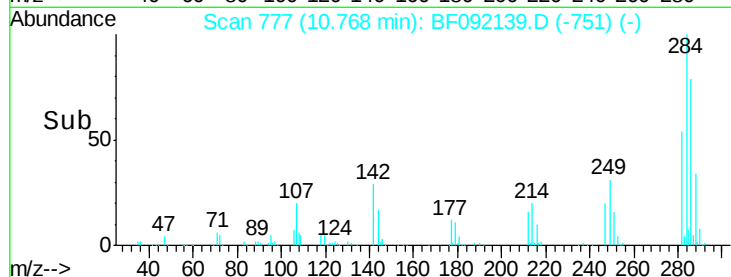
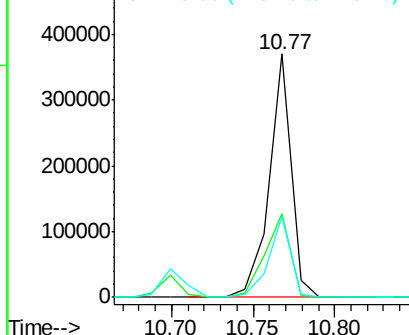
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	345848		
142	34.4	22.6	33.8#	
249	33.1	25.4	38.0	

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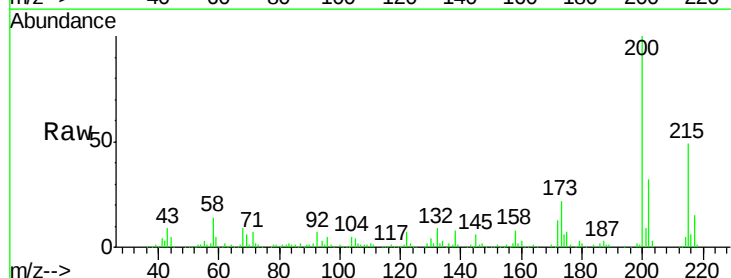


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

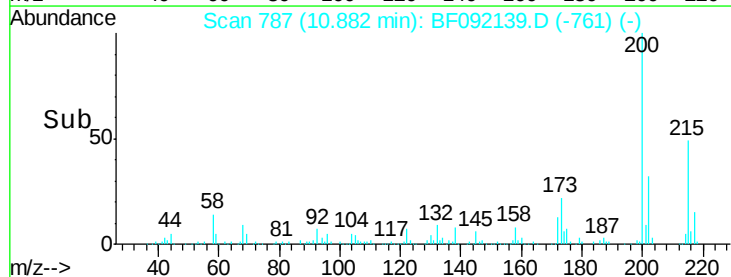
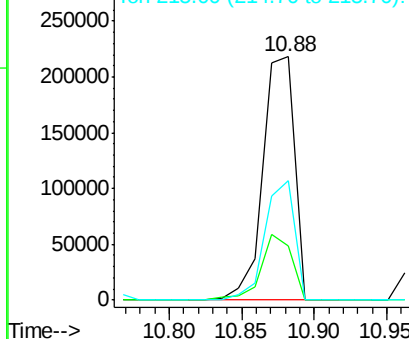


#68
Atrazine
Concen: 51.97 ng
RT: 10.88 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	329622		
173	22.1	9.6	49.6	
215	48.9	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





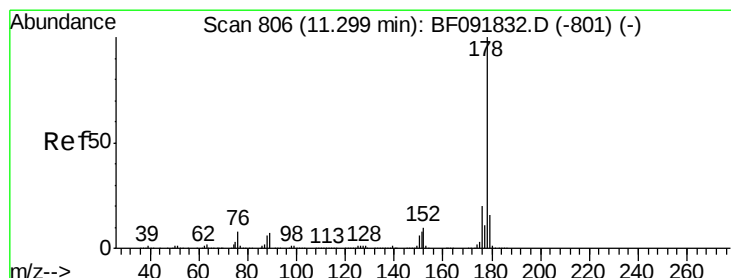
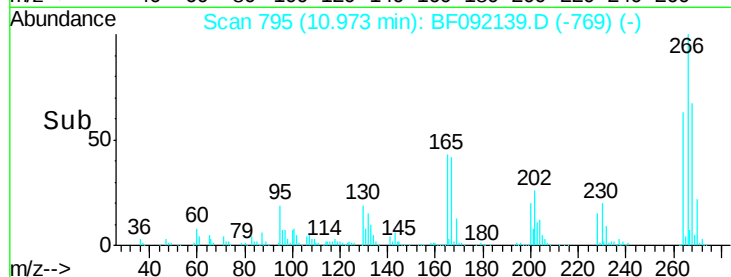
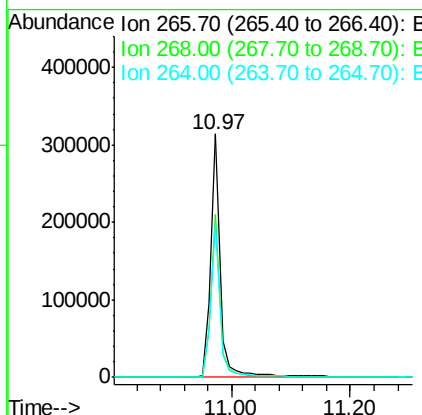
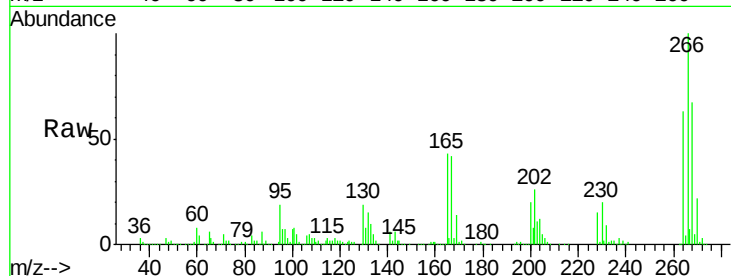
#69
 Pentachlorophenol
 Concen: 98.34 ng
 RT: 10.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	53.3	79.9
264	63.0	50.3	75.5

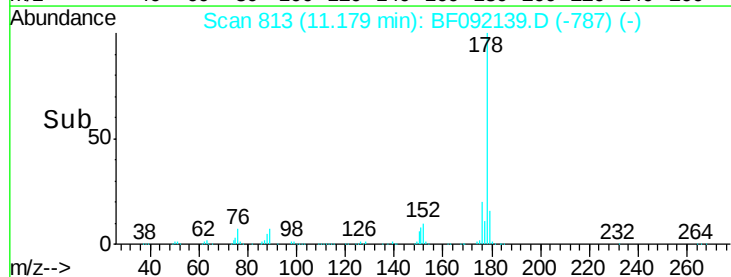
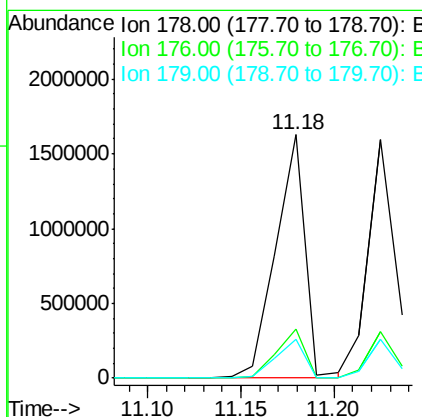
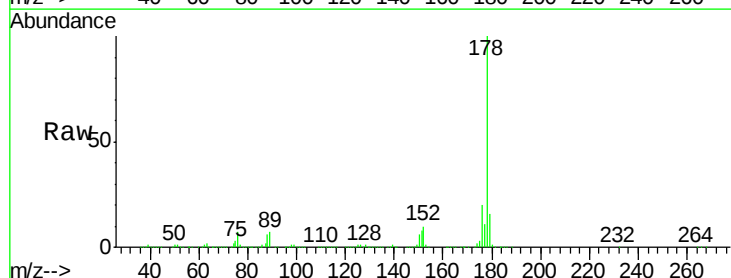
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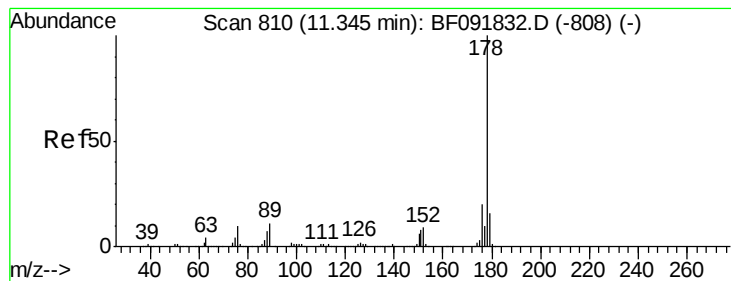
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#70
 Phenanthrene
 Concen: 49.44 ng
 RT: 11.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.9	12.8	19.2





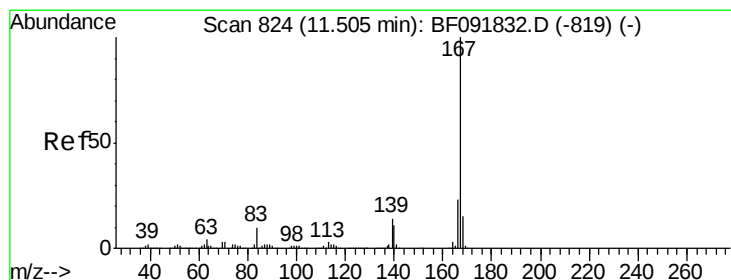
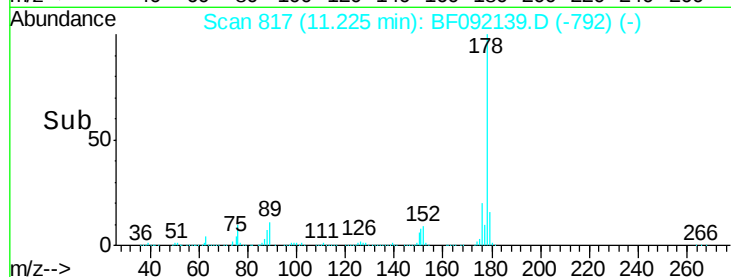
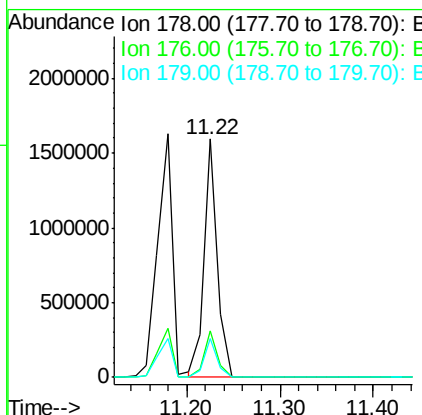
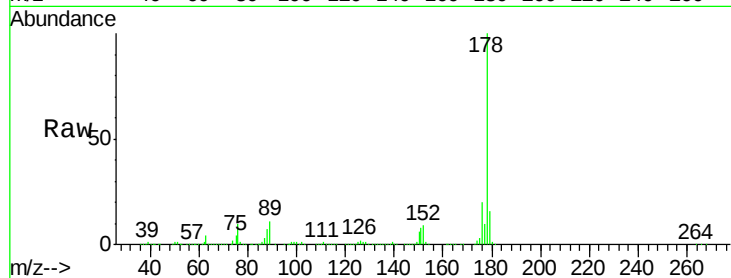
#71
 Anthracene
 Concen: 53.16 ng
 RT: 11.22 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:178 Resp: 1588733
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.1 13.2 19.8

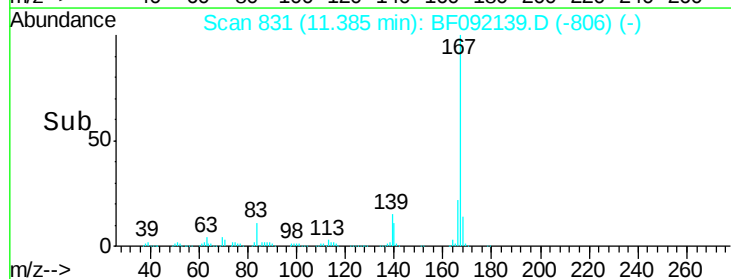
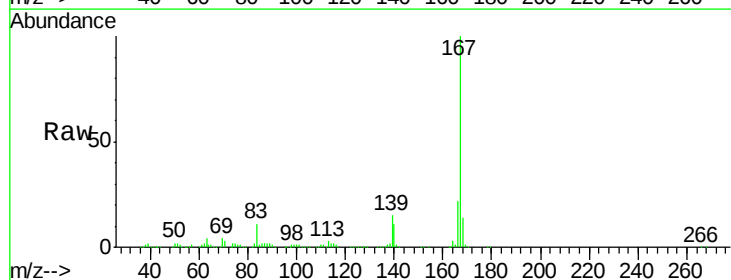
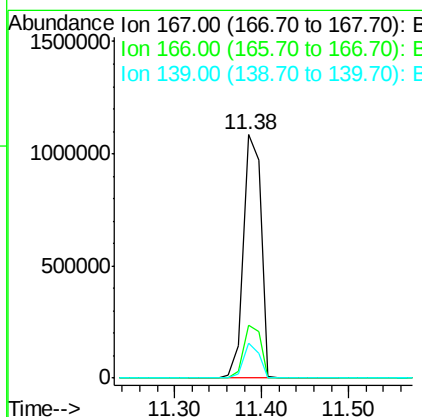
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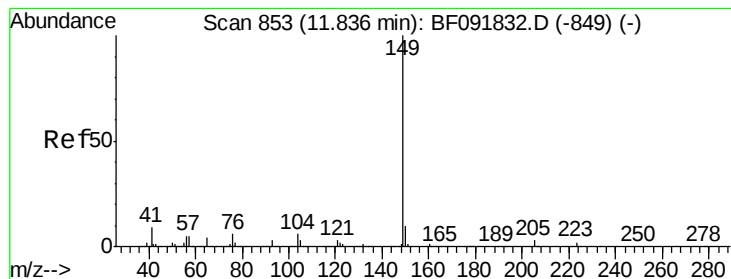
Sohil
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#72
 Carbazole
 Concen: 62.68 ng
 RT: 11.38 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Tgt Ion:167 Resp: 1528942
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.2
 139 14.5 11.4 17.2





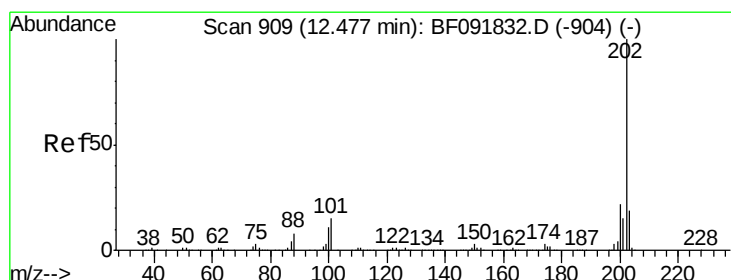
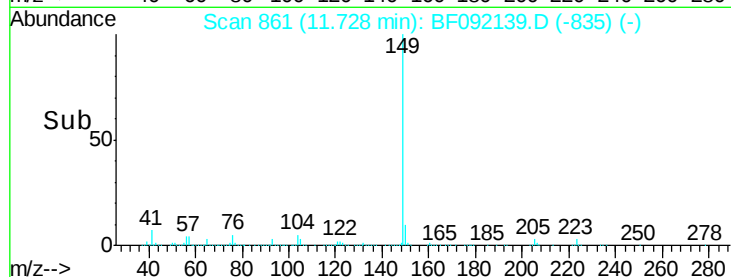
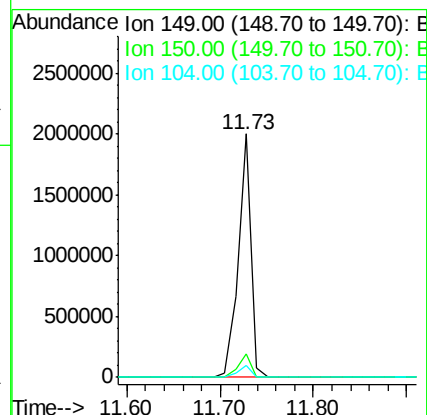
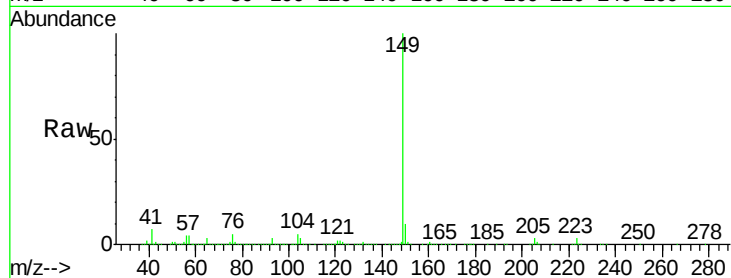
#73
Di-n-butylphthalate
Concen: 57.44 ng
RT: 11.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:149 Resp: 1916757
Ion Ratio Lower Upper
149 100
150 9.7 8.1 12.1
104 5.1 4.6 7.0

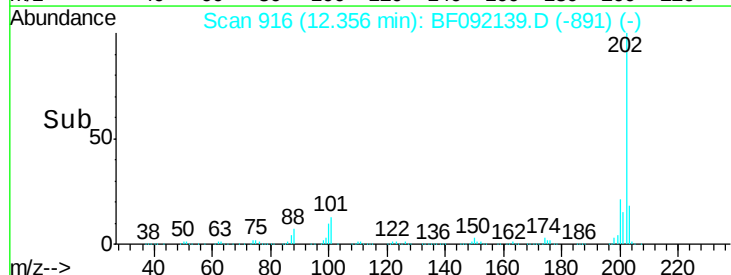
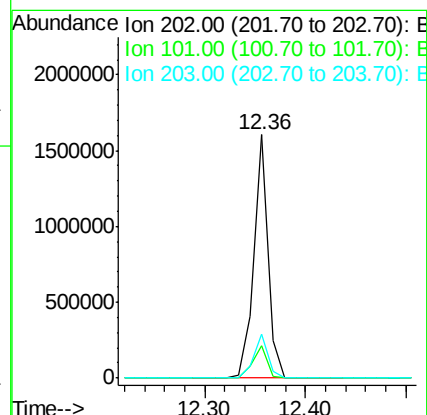
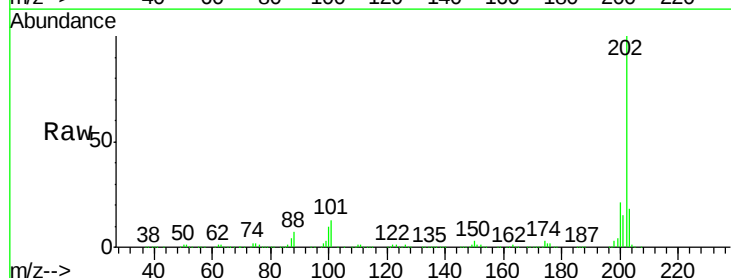
Manual Integrations
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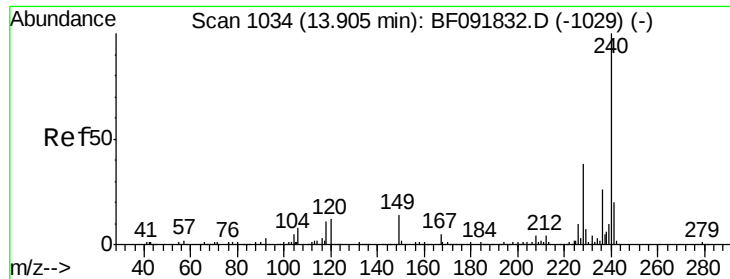
Sohil
1/10/2017 10:01:12 AM



#74
Fluoranthene
Concen: 50.43 ng
RT: 12.36 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion:202 Resp: 1575121
Ion Ratio Lower Upper
202 100
101 13.3 0.0 34.6
203 18.1 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

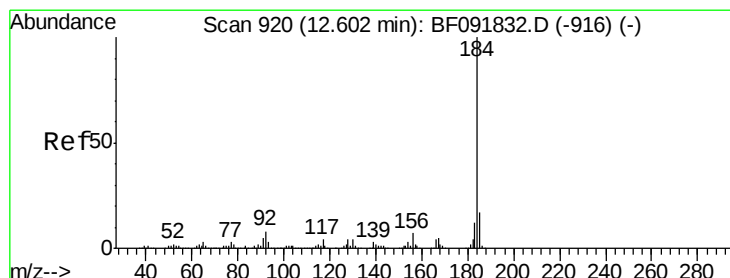
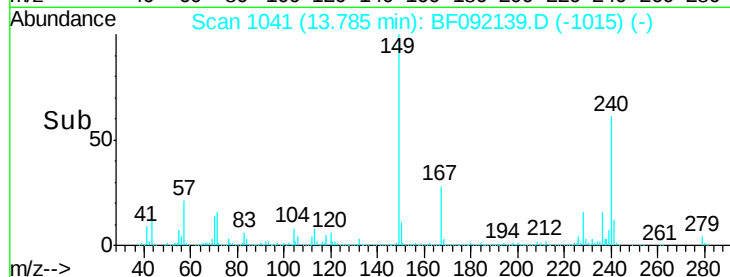
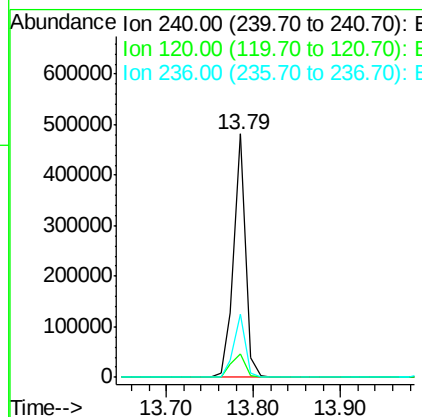
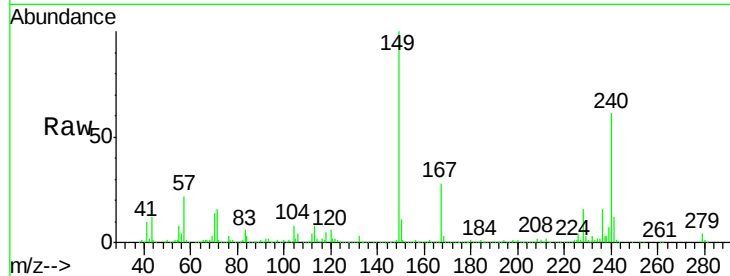
ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	456885		
120	9.8	12.9	19.3#	
236	26.0	20.9	31.3	

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#76

Benzidine

Concen: 50.24 ng

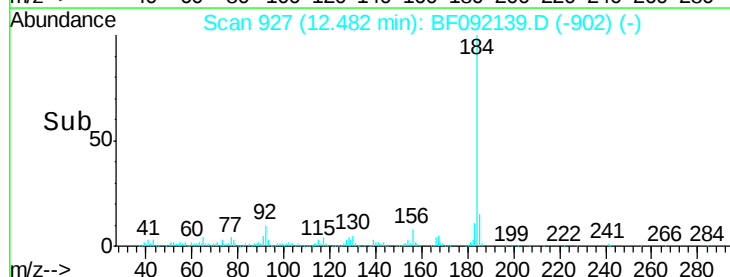
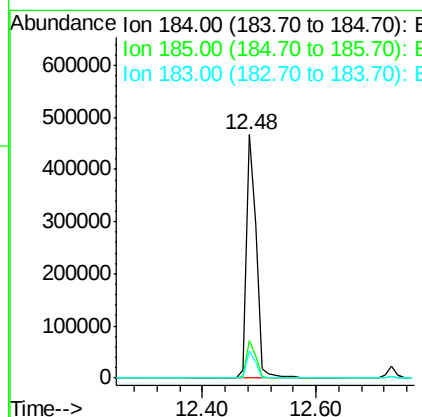
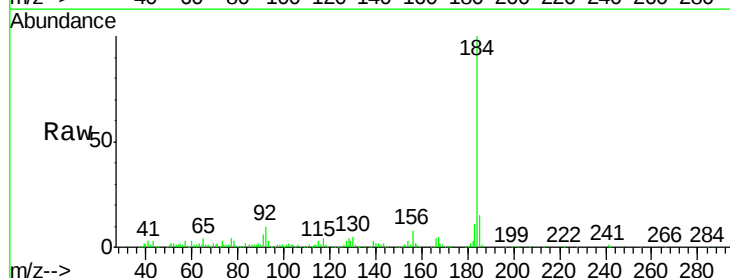
RT: 12.48 min Scan# 927

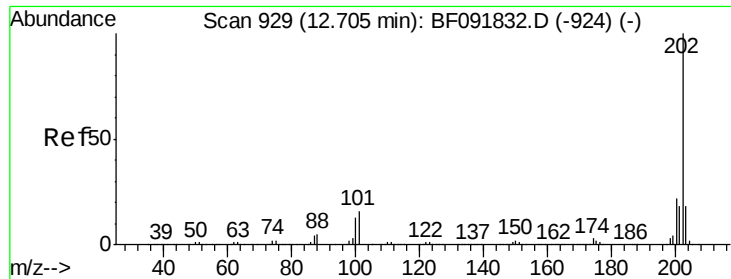
Delta R.T. -0.01 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	568919		
185	15.3	13.4	20.0	
183	11.3	9.2	13.8	





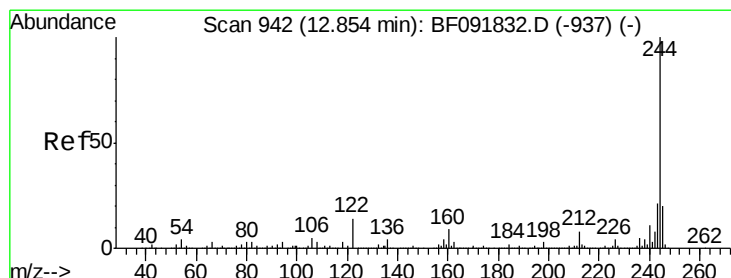
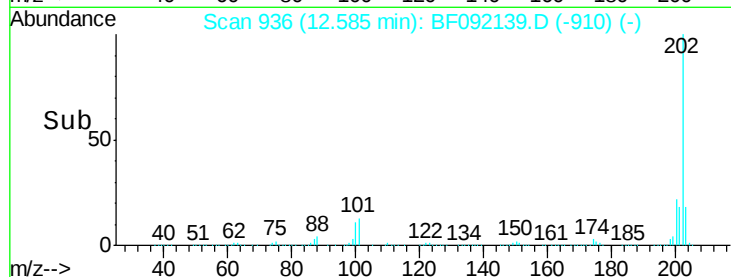
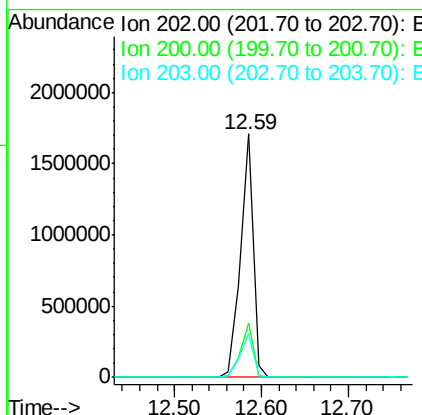
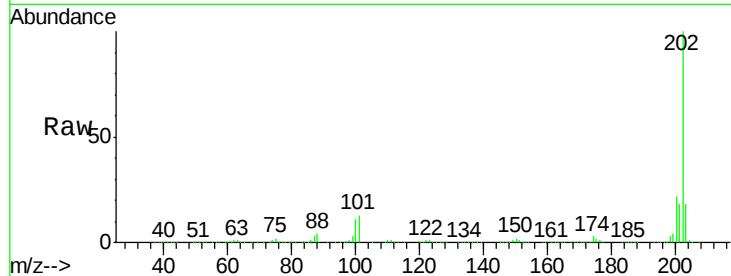
#77
Pyrene
 Concen: 50.83 ng
 RT: 12.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:202 Resp: 1703769
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 18.1 14.7 22.1

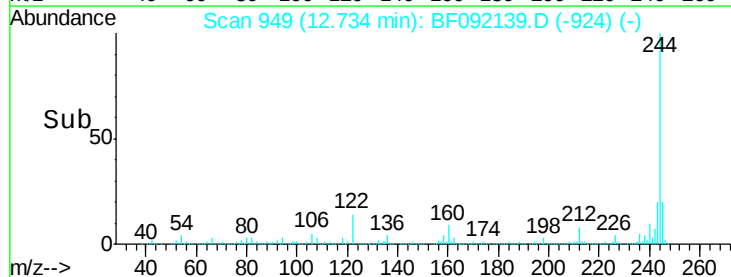
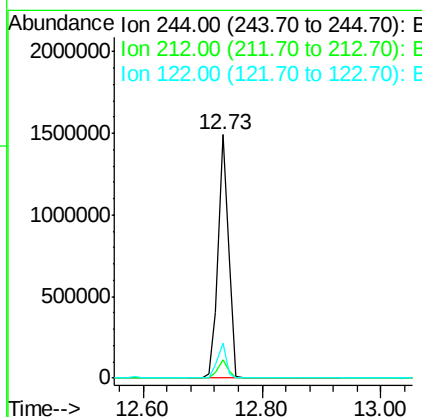
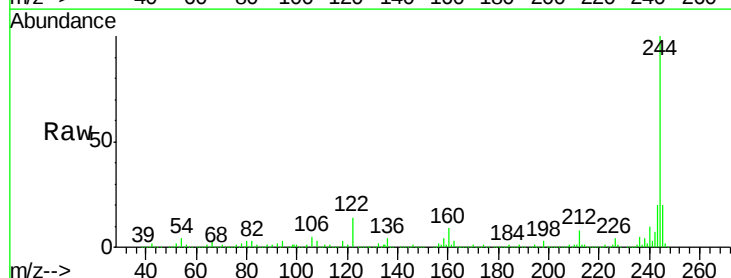
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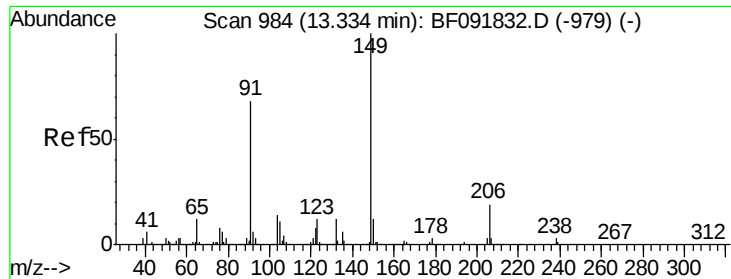
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#78
Terphenyl-d14
 Concen: 96.99 ng
 RT: 12.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Tgt Ion:244 Resp: 1827118
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 14.5 11.4 17.2





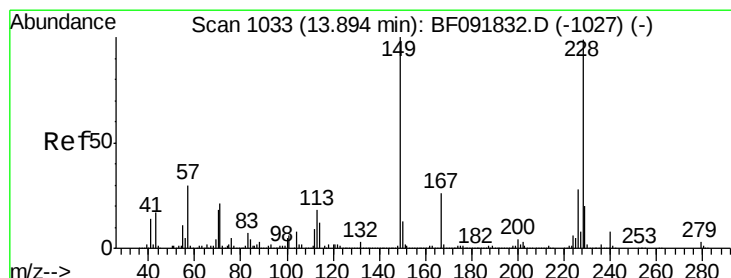
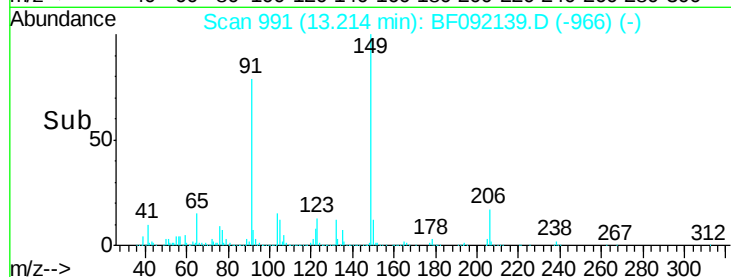
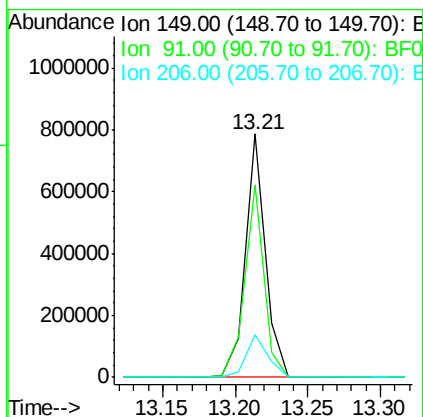
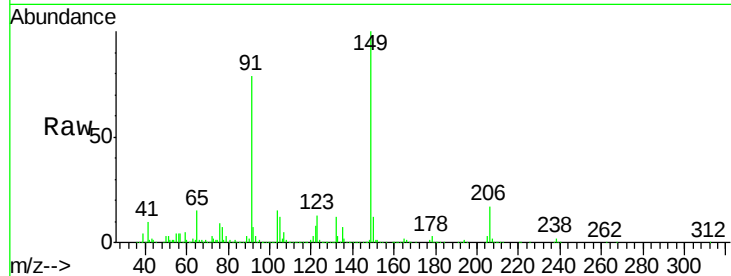
#79
Butylbenzylphthalate
Concen: 49.31 ng
RT: 13.21 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	751817		
91	79.2	63.9	95.9	
206	17.4	14.6	21.8	

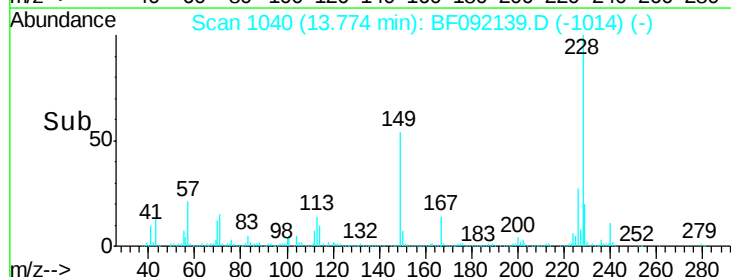
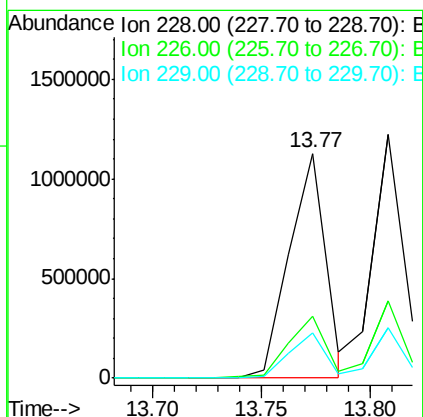
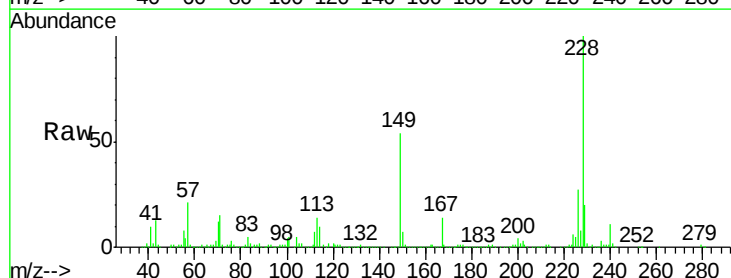
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#80
Benzo(a)anthracene
Concen: 51.13 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1318540		
226	27.5	22.4	33.6	
229	20.3	16.2	24.4	





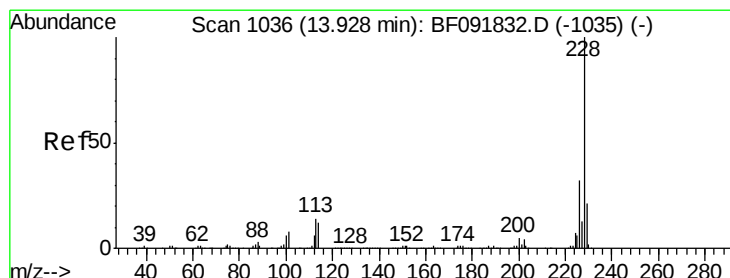
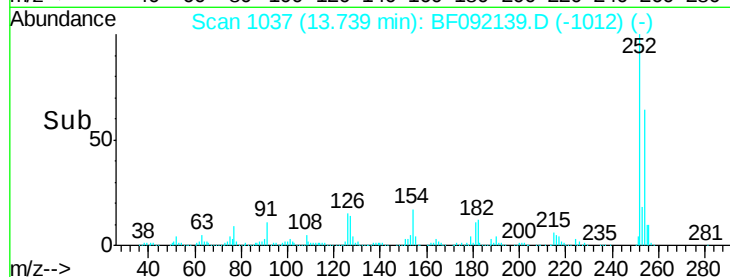
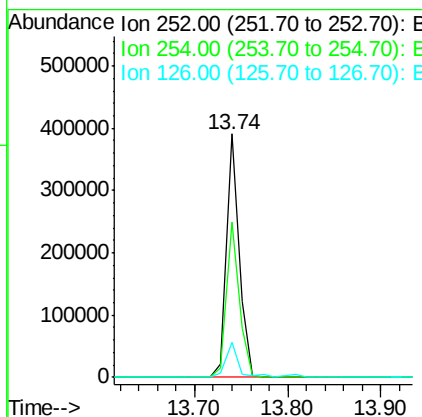
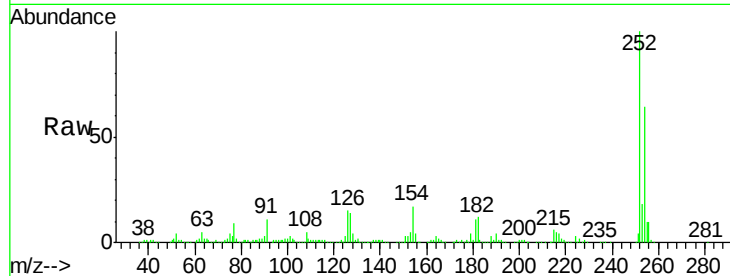
#81
 3,3'-Dichlorobenzidine
 Concen: 38.09 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.3	78.5
126	14.6	13.6	20.4

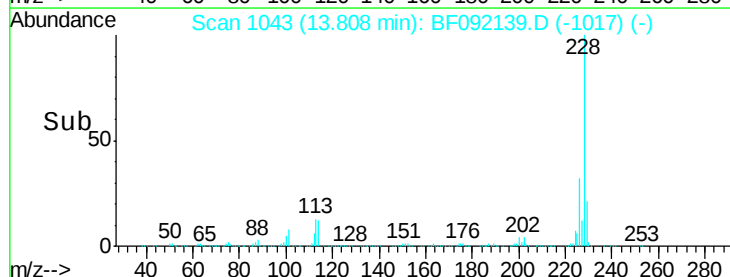
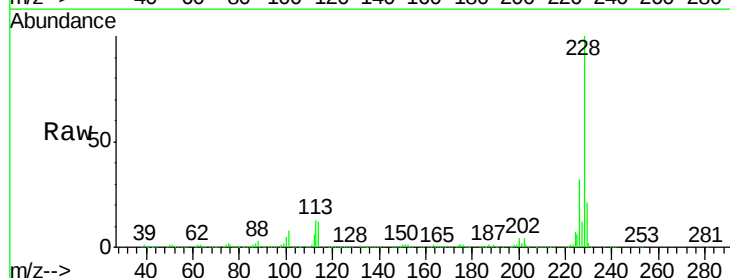
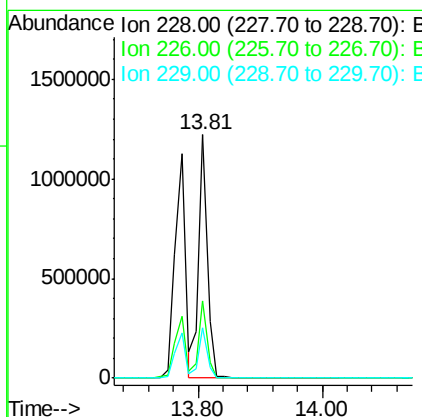
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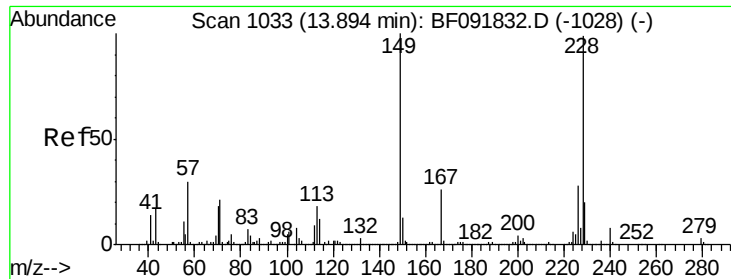
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#82
 Chrysene
 Concen: 46.99 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.0
229	20.9	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.92 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

Tgt Ion:149 Resp: 1004111

Ion Ratio Lower Upper

149 100

167 27.7 20.2 30.4

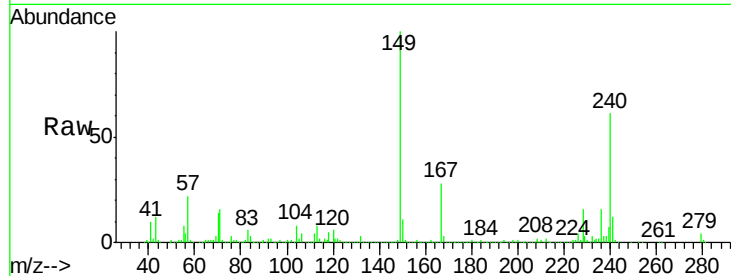
279 4.4 1.8 2.8#

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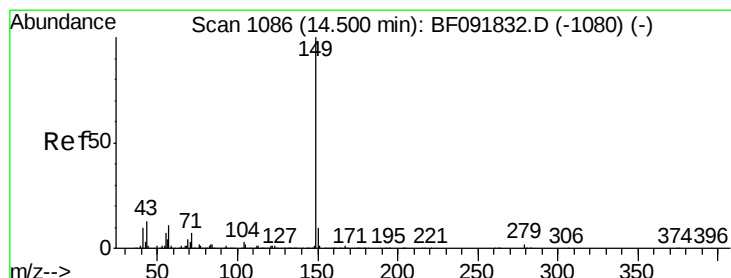
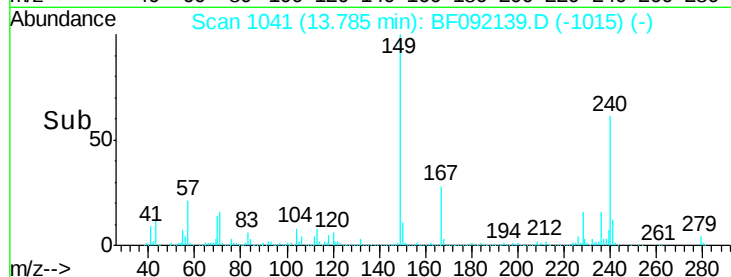
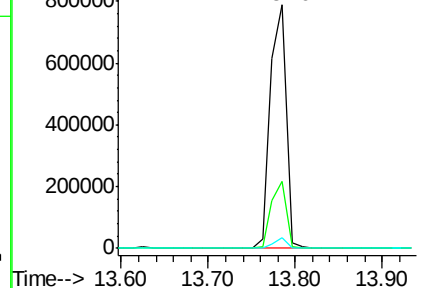
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.43 ng

RT: 14.39 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

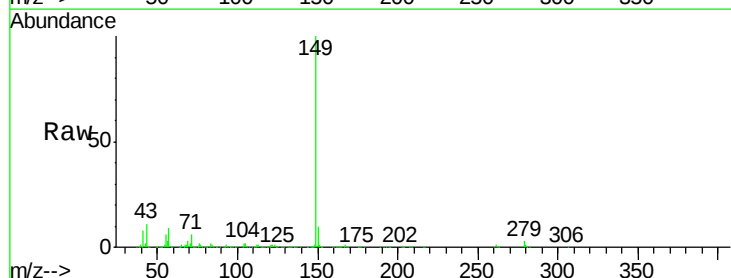
Tgt Ion:149 Resp: 1810287

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

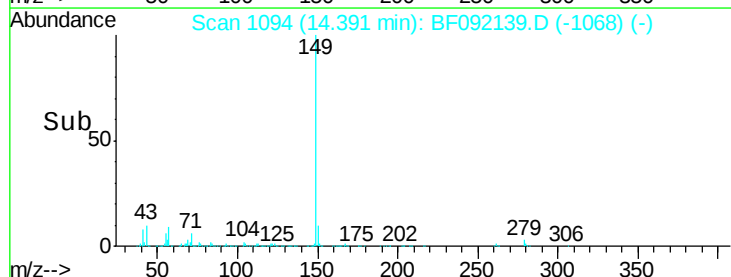
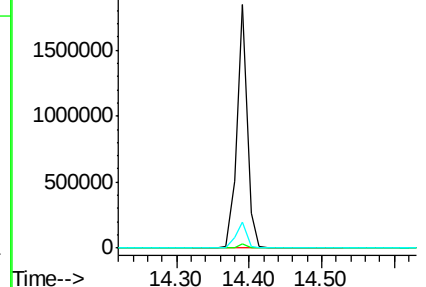
43 10.9 8.9 13.3

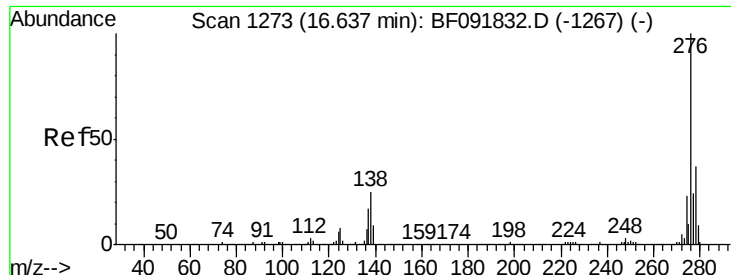


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





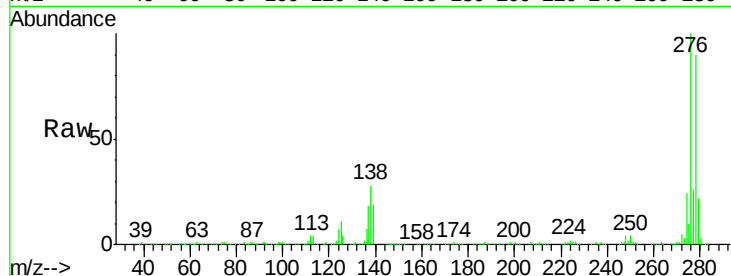
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.51 ng
 RT: 16.43 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMSD

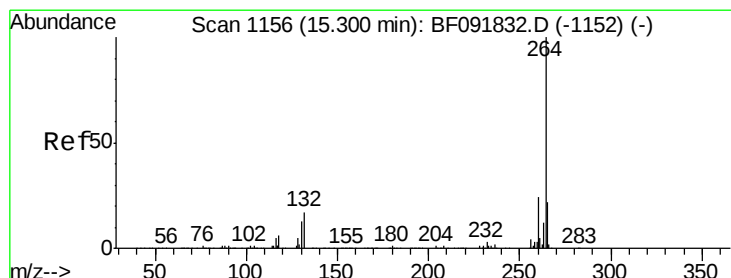
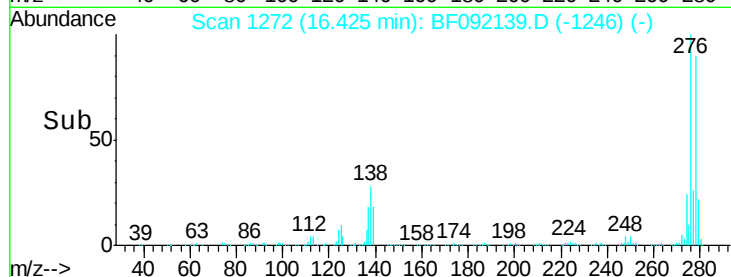
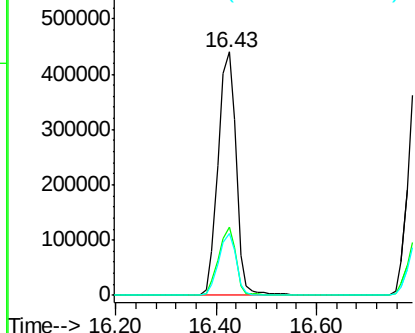
Tgt Ion: 276 Resp: 1109533
 Ion Ratio Lower Upper
 276 100
 138 26.8 21.8 32.6
 277 24.7 20.2 30.4

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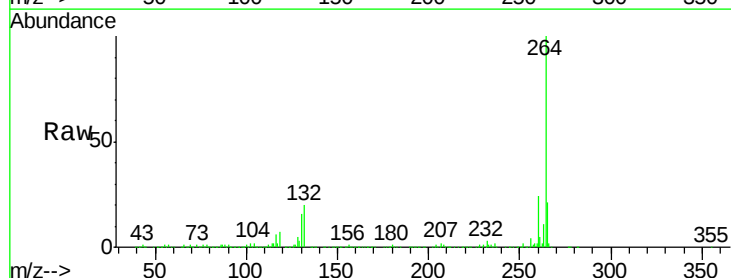


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

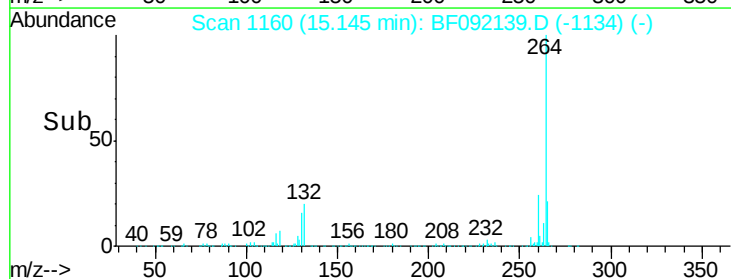
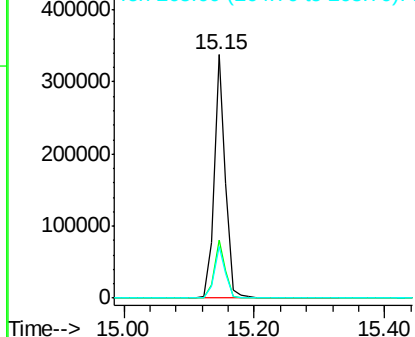


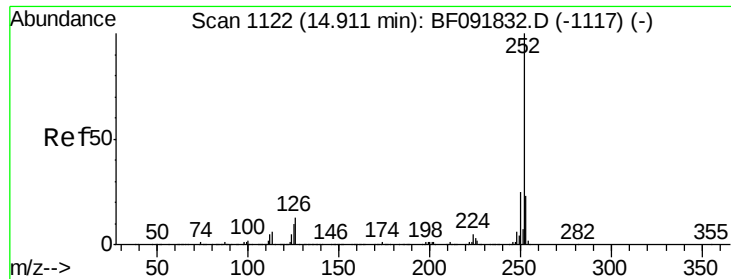
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Tgt Ion: 264 Resp: 408712
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.2 17.4 26.0



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





#87

Benzo(b)fluoranthene

Concen: 53.09 ng m

RT: 14.78 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Instrument :

BNA_F

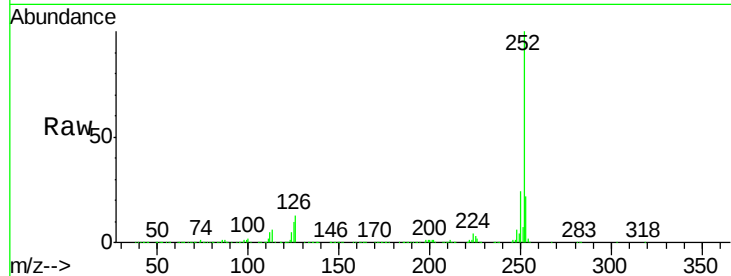
ClientSampleId :

L-SWITCH-SP-0-2-COMPMSD

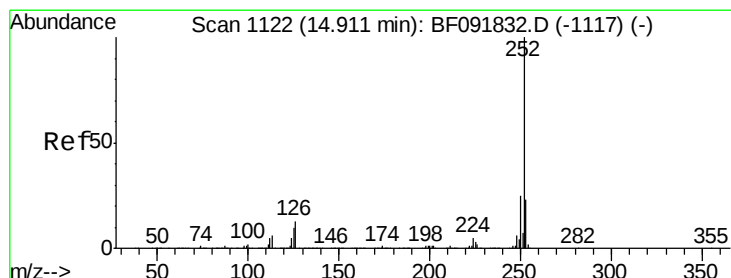
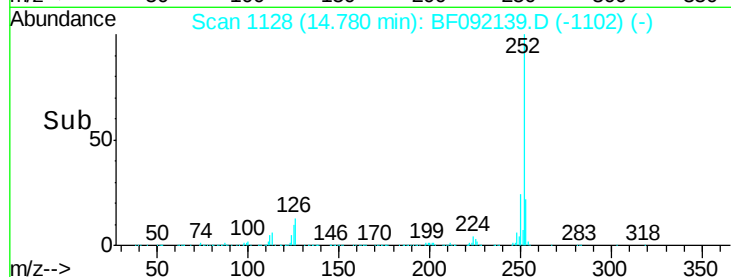
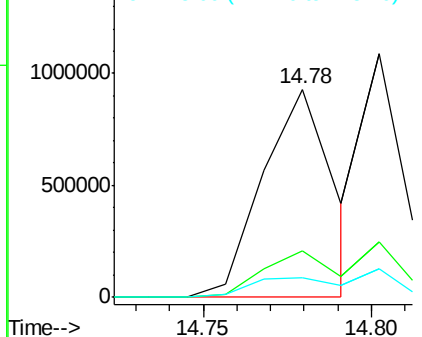
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	9.6	9.8	14.6#

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



#88

Benzo(k)fluoranthene

Concen: 42.54 ng m

RT: 14.80 min Scan# 1130

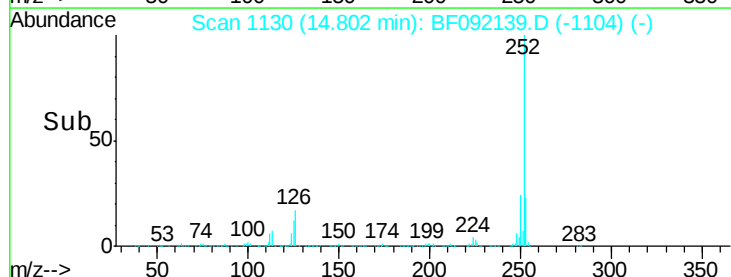
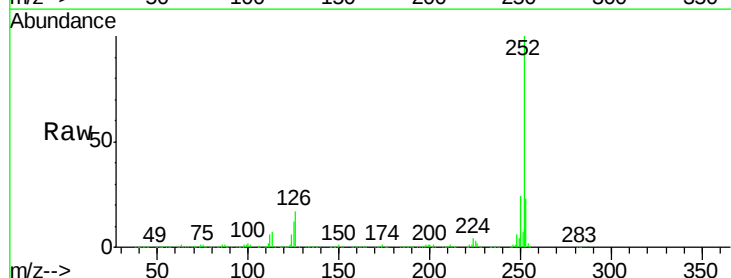
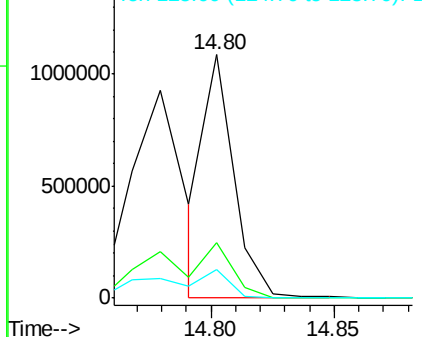
Delta R.T. 0.00 min

Lab File: BF092139.D

Acq: 9 Jan 2017 15:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	11.7	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





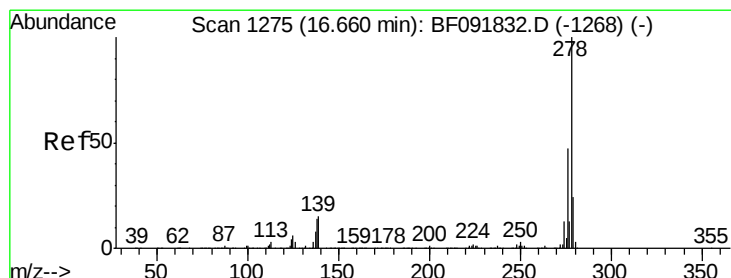
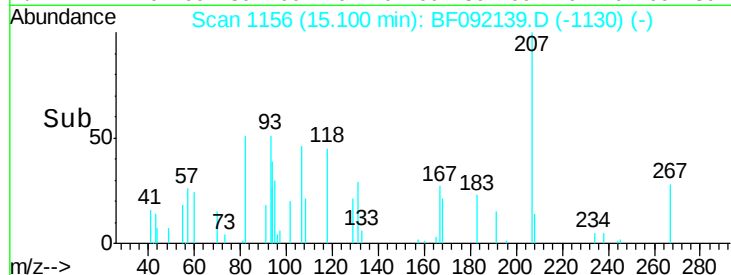
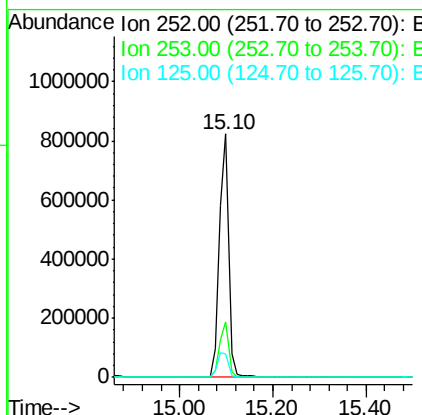
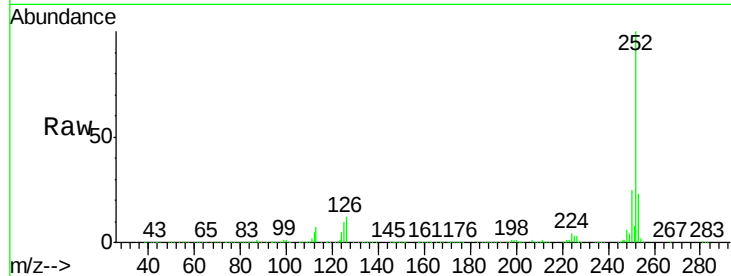
#89
Benzo(a)pyrene
Concen: 49.10 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

Tgt Ion: 252 Resp: 1108872
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.5 10.0 15.0#

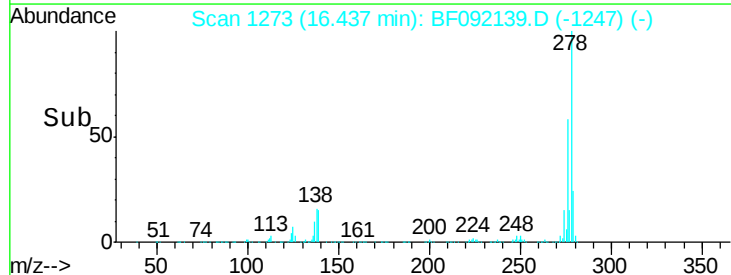
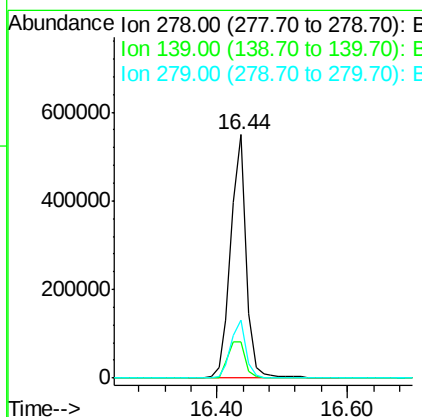
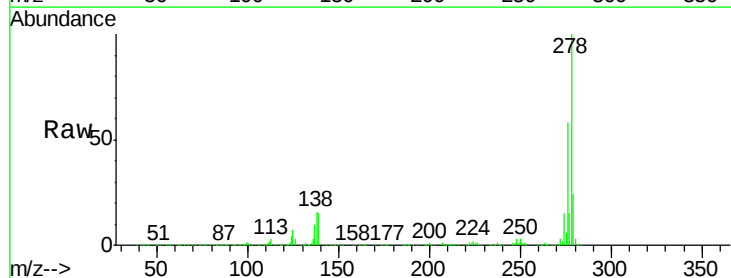
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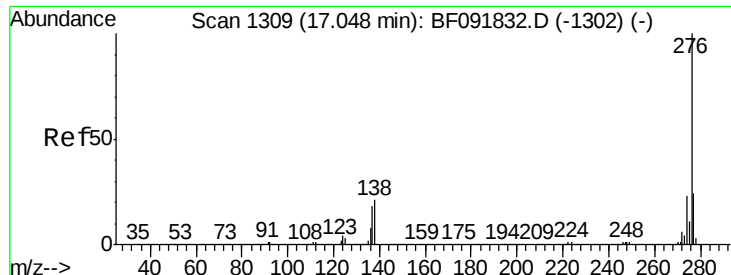
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#90
Dibenzo(a,h)anthracene
Concen: 48.66 ng
RT: 16.44 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF092139.D
Acq: 9 Jan 2017 15:32

Tgt Ion: 278 Resp: 903266
Ion Ratio Lower Upper
278 100
139 15.1 14.8 22.2
279 24.0 19.8 29.6





#91
 Benzo(g,h,i)perylene
 Concen: 48.89 ng
 RT: 16.80 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF092139.D
 Acq: 9 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.6	16.0	24.0

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