

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090849.D
 Acq On : 26 Oct 2016 19:28
 Operator : UM/SJ
 Sample : PB94315BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94315BS

Manual Integrations
 APPROVED

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 10/27/2016 3:46:06 PM

Quant Time: Oct 27 02:18:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	176759	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	760271	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	408916	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	679879	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	546468	20.00	ng	-0.01
86) Perylene-d12	15.37	264	451805	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1138774	112.64	ng	0.00
7) Phenol-d6	6.43	99	1553782	113.92	ng	-0.01
23) Nitrobenzene-d5	7.36	82	903735	77.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	526239	125.23	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2081429	89.38	ng	-0.01
78) Terphenyl-d14	12.90	244	2102330	96.92	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	182397	35.29	ng	# 78
3) Pyridine	3.10	79	515585	36.77	ng	# 67
4) n-Nitrosodimethylamine	3.06	42	160960	40.78	ng	# 57
6) Aniline	6.45	93	400566	25.71	ng	# 51
8) 2-Chlorophenol	6.58	128	527026	42.26	ng	# 95
9) Benzaldehyde	6.33	77	78283	11.11	ng	# 76
10) Phenol	6.44	94	498805	33.19	ng	# 44
11) bis(2-Chloroethyl)ether	6.53	93	483676	38.89	ng	# 83
12) 1,3-Dichlorobenzene	6.73	146	546047	42.81	ng	# 94
13) 1,4-Dichlorobenzene	6.81	146	535340	39.91	ng	# 96
14) 1,2-Dichlorobenzene	6.96	146	511282m	39.76	ng	# 96
15) Benzyl Alcohol	6.93	79	355731	39.71	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.07	45	474189	38.32	ng	# 63
17) 2-Methylphenol	7.06	107	405050	42.69	ng	# 85
18) Hexachloroethane	7.30	117	187983	38.50	ng	# 82
19) n-Nitroso-di-n-propylamine	7.21	70	313800	39.79	ng	# 68
20) 3+4-Methylphenols	7.21	107	464066	42.25	ng	# 67
22) Acetophenone	7.21	105	648185	41.44	ng	# 85
24) Nitrobenzene	7.38	77	495752	40.36	ng	# 81
25) Isophorone	7.62	82	943627	40.04	ng	# 93
26) 2-Nitrophenol	7.69	139	265876	40.40	ng	# 62
27) 2,4-Dimethylphenol	7.74	122	461751	43.34	ng	# 87
28) bis(2-Chloroethoxy)methane	7.84	93	603611	45.03	ng	# 95
29) 2,4-Dichlorophenol	7.94	162	451072	45.72	ng	# 95
30) 1,2,4-Trichlorobenzene	8.02	180	475921	41.75	ng	# 98
31) Naphthalene	8.10	128	1495438	42.08	ng	# 97
32) Benzoic acid	7.88	122	240005	31.03	ng	# 75
33) 4-Chloroaniline	8.16	127	259054	18.04	ng	# 97
34) Hexachlorobutadiene	8.21	225	257465	38.41	ng	# 97
35) Caprolactam	8.52	113	131747m	43.02	ng	# 92
36) 4-Chloro-3-methylphenol	8.65	107	471982	43.99	ng	# 92
37) 2-Methylnaphthalene	8.80	142	972845	42.38	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	439858	39.21	ng	# 99
40) Hexachlorocyclopentadiene	8.94	237	507218	98.28	ng	# 97

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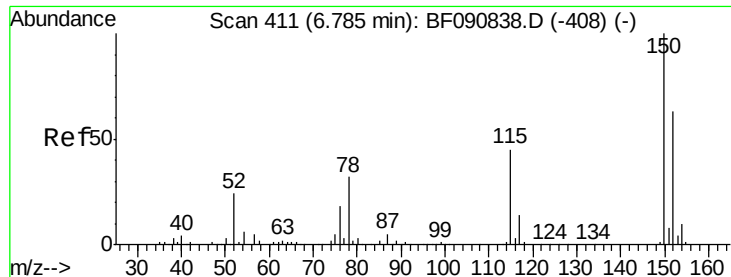
Manual Integrations
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 10/27/2016 3:46:06 PM

Quant Time: Oct 27 02:18:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	302133	41.72	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	319800	42.87	nq	96
45) 1,1'-Biphenyl	9.25	154	1165439	39.57	nq	92
46) 2-Chloronaphthalene	9.28	162	929222	41.47	nq	# 92
47) 2-Nitroaniline	9.38	65	263356	41.66	nq	84
48) Acenaphthylene	9.70	152	1467383	43.25	nq	97
49) Dimethylphthalate	9.56	163	1037116	37.96	nq	# 97
50) 2,6-Dinitrotoluene	9.62	165	234253	38.82	nq	# 68
51) Acenaphthene	9.87	154	1025010	43.87	nq	90
52) 3-Nitroaniline	9.79	138	137071	21.34	nq	# 75
53) 2,4-Dinitrophenol	9.90	184	245472	77.28	nq	# 82
54) Dibenzofuran	10.04	168	1351906	44.84	nq	# 91
55) 4-Nitrophenol	9.96	139	328628	83.89	nq	# 62
56) 2,4-Dinitrotoluene	10.03	165	356244	47.53	nq	# 97
57) Fluorene	10.38	166	1056614	42.78	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.16	232	276975	41.58	nq	97
59) Diethylphthalate	10.26	149	1085356	40.00	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	509471	42.26	nq	92
61) 4-Nitroaniline	10.41	138	243012	38.20	nq	# 59
62) Azobenzene	10.53	77	1091151	40.89	nq	86
64) 4,6-Dinitro-2-methylphenol	10.44	198	164621	36.52	nq	# 55
65) n-Nitrosodiphenylamine	10.50	169	958058	46.00	nq	90
66) 4-Bromophenyl-phenylether	10.86	248	342730	46.03	nq	# 92
67) Hexachlorobenzene	10.93	284	379807	43.10	nq	# 76
68) Atrazine	11.02	200	260115	40.38	nq	86
69) Pentachlorophenol	11.13	266	413521	87.48	nq	97
70) Phenanthrene	11.34	178	1623711	46.90	nq	96
71) Anthracene	11.39	178	1555423	42.66	nq	96
72) Carbazole	11.55	167	1488374	46.23	nq	93
73) Di-n-butylphthalate	11.88	149	1626641	39.19	nq	# 97
74) Fluoranthene	12.52	202	1492455	39.36	nq	94
76) Benzidine	12.65	184	424677	35.59	nq	# 97
77) Pyrene	12.75	202	1466437	42.40	nq	95
79) Butylbenzylphthalate	13.38	149	742483	47.32	nq	92
80) Benzo(a)anthracene	13.94	228	1337353	46.11	nq	95
81) 3,3'-Dichlorobenzidine	13.91	252	290954	25.84	nq	98
82) Chrysene	13.99	228	1410183m	48.07	nq	
83) Bis(2-ethylhexyl)phthalate	13.94	149	969077	47.42	nq	# 93
84) Di-n-octyl phthalate	14.56	149	1683990	49.08	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.74	276	1147803	44.15	nq	# 91
87) Benzo(b)fluoranthene	14.97	252	1188311m	39.11	nq	
88) Benzo(k)fluoranthene	15.00	252	1164581m	48.51	nq	
89) Benzo(a)pyrene	15.31	252	1094071	41.91	nq	# 87
90) Dibenzo(a,h)anthracene	16.75	278	976162	44.17	nq	# 82
91) Benzo(g,h,i)perylene	17.15	276	932100	44.78	nq	# 77

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



#1

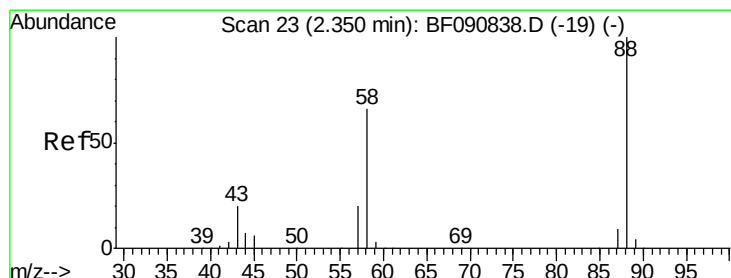
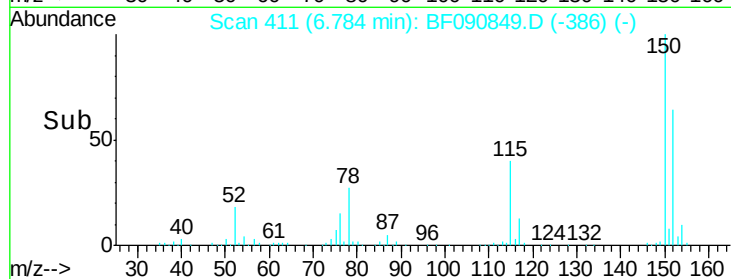
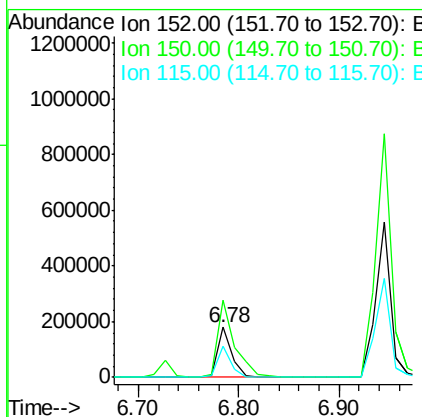
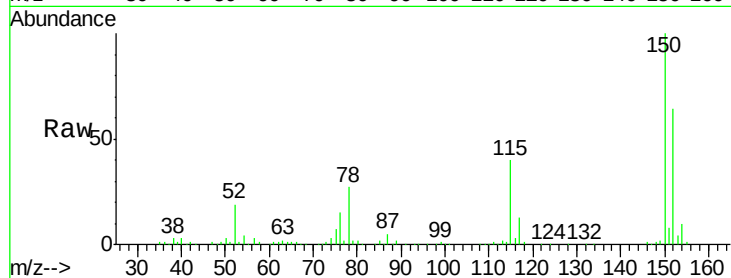
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Instrument :
BNA_F
ClientSampleId :
PB94315BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.7	187.1
115	62.7	39.0	58.4

Manual Integrations
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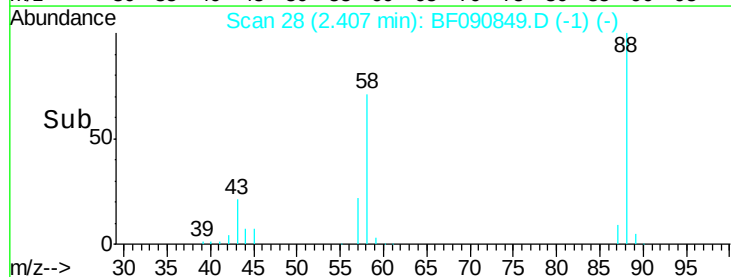
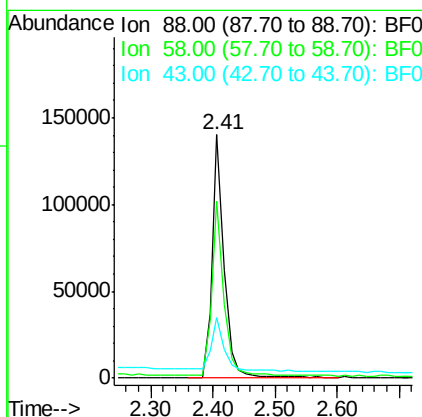
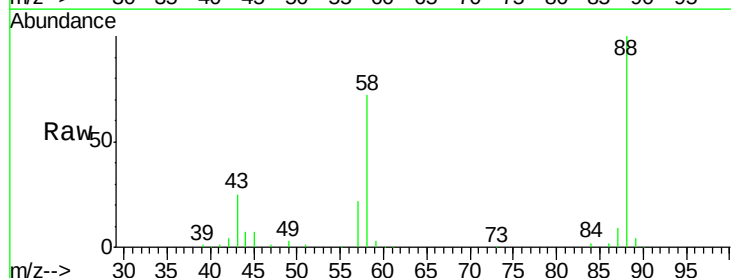
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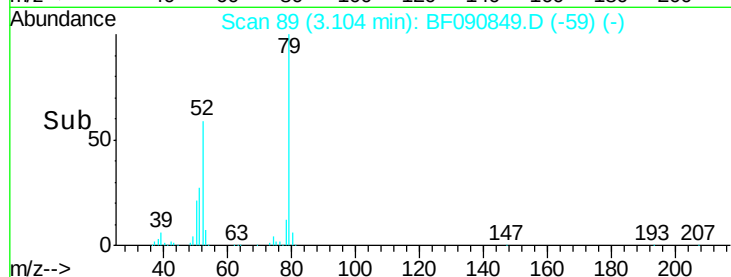
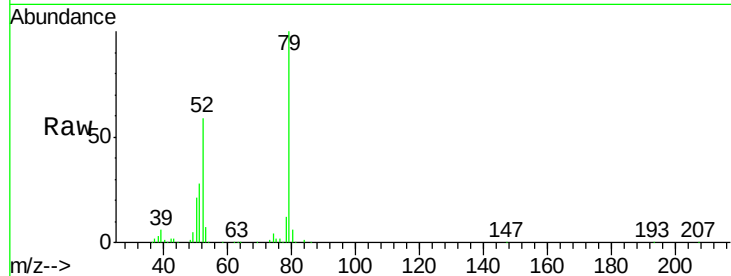
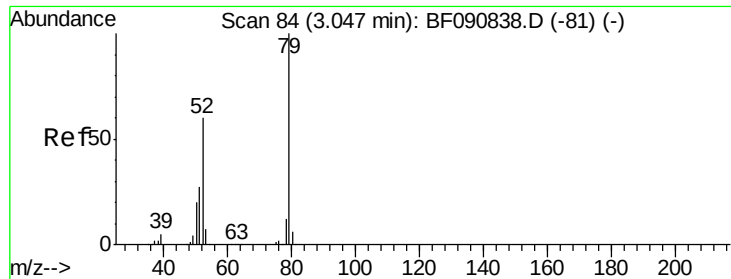


#2

1,4-Dioxane
Concen: 35.29 ng
RT: 2.41 min Scan# 28
Delta R.T. 0.06 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	77.7	116.5
43	22.8	26.6	40.0





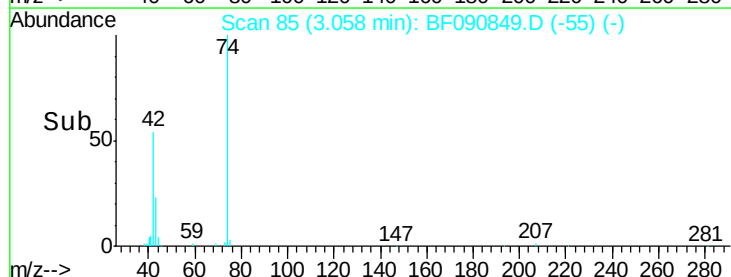
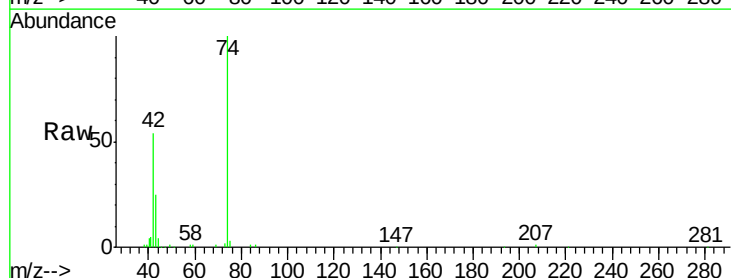
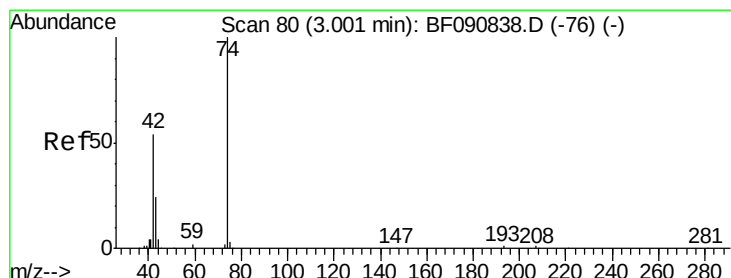
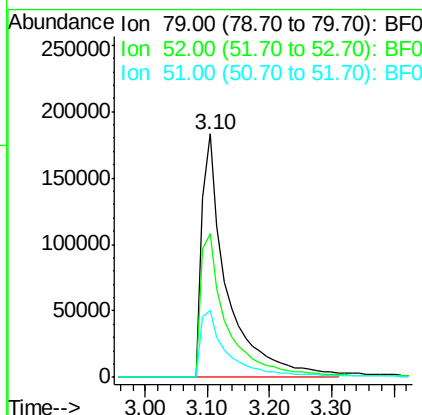
#3
 Pvridine
 Concen: 36.77 ng
 RT: 3.10 min Scan# 89
 Delta R.T. 0.05 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Tot Ion	Ratio	Resp	Lower	Upper
79	100	515585		
52	58.8	76.8	115.2#	
51	27.8	32.2	48.4#	

Instrument :
 BNA_F
 ClientSampleId :
 PB94315BS

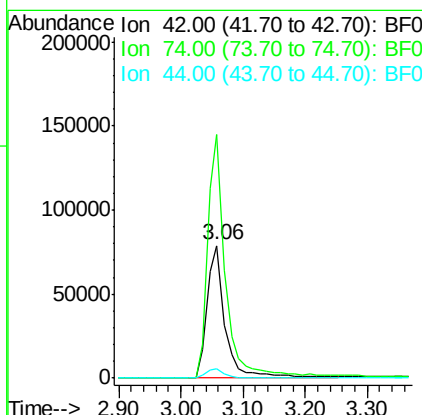
Manual Integrations
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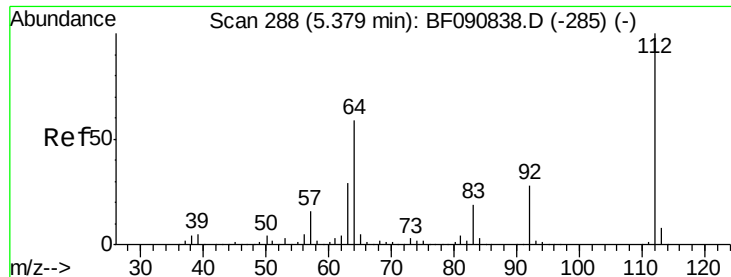
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#4
 n-Nitrosodimethylamine
 Concen: 40.78 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.05 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	160960		
74	184.1	105.0	157.6#	
44	7.2	6.6	10.0	





#5

2-Fluorophenol

Concen: 112.64 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

PB94315BS

Tot Ion: 112 Resp: 1138774

Ion Ratio Lower Upper

112 100

64 57.5 39.7 59.5

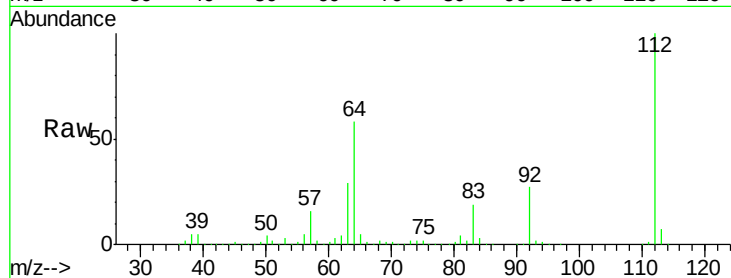
63 28.6 17.4 26.0#

Manual Integrations

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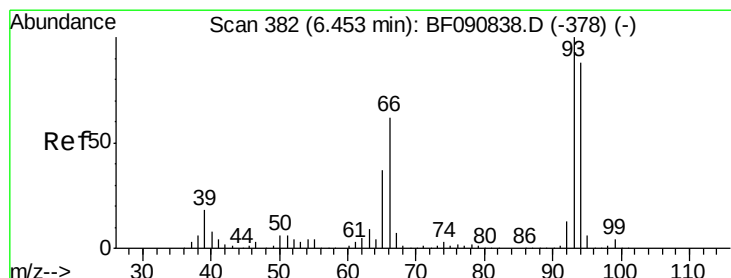
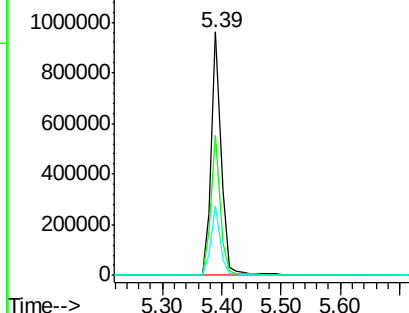
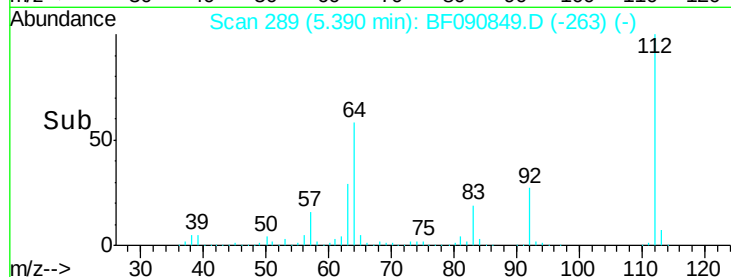
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.71 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

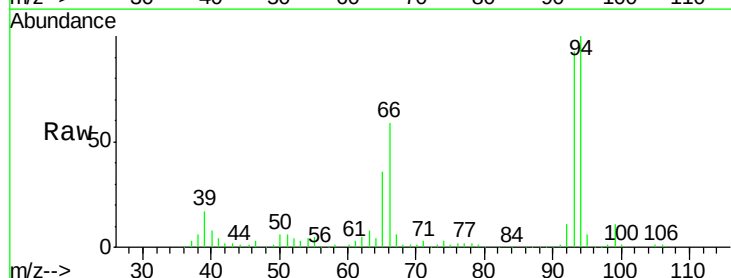
Tgt Ion: 93 Resp: 400566

Ion Ratio Lower Upper

93 100

66 63.5 27.2 40.8#

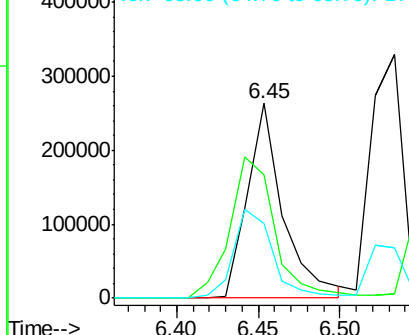
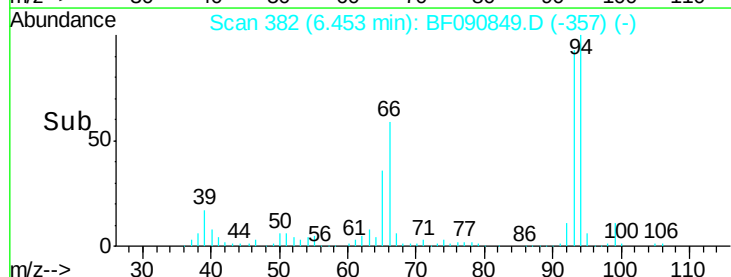
65 38.5 14.7 22.1#

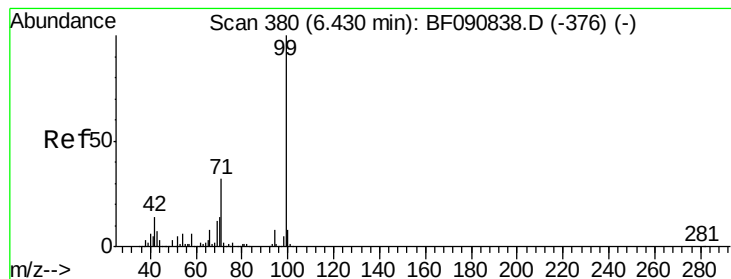


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.92 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

PB94315BS

Tot Ion: 99 Resp: 1553782

Ion Ratio Lower Upper

99 100

42 14.5 13.7 20.5

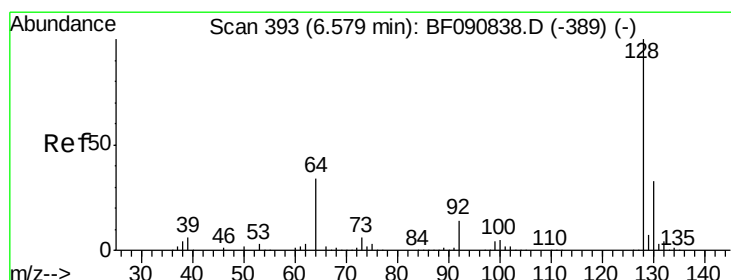
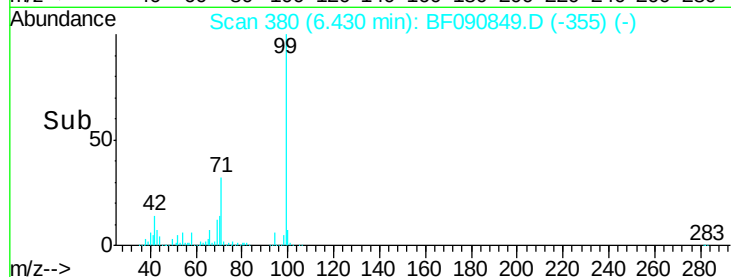
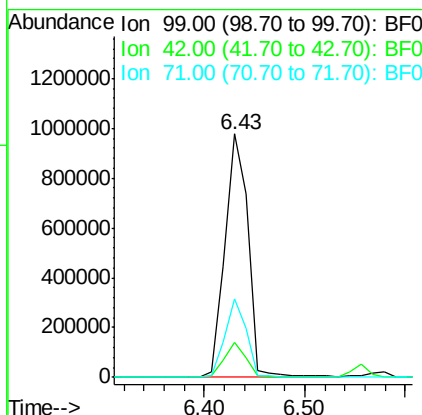
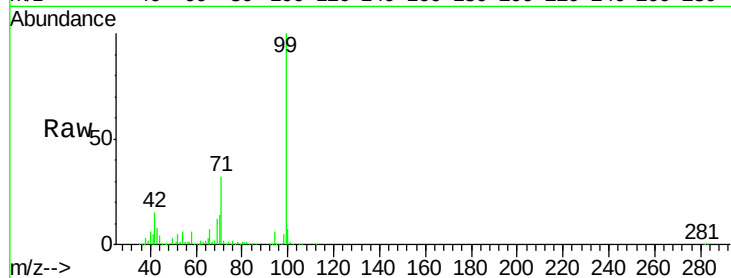
71 32.1 14.2 21.2#

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#8

2-Chlorophenol

Concen: 42.26 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

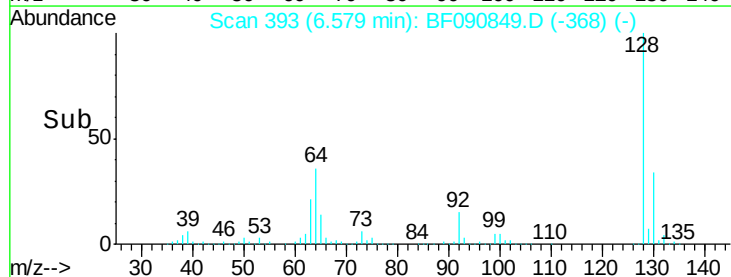
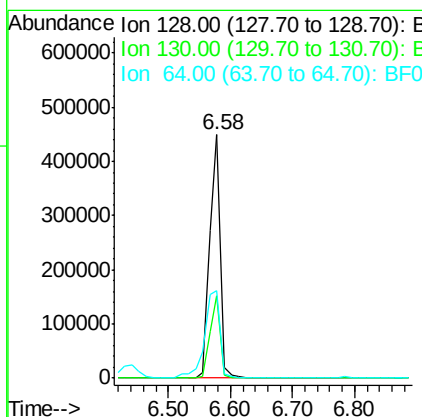
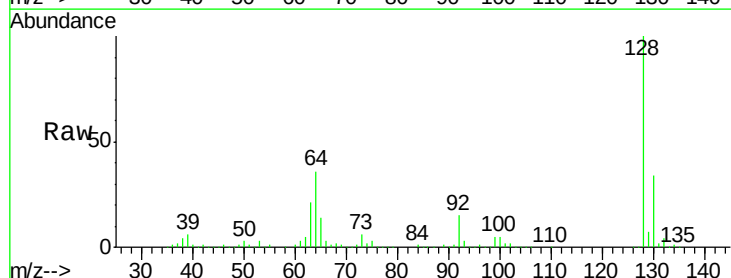
Tgt Ion: 128 Resp: 527026

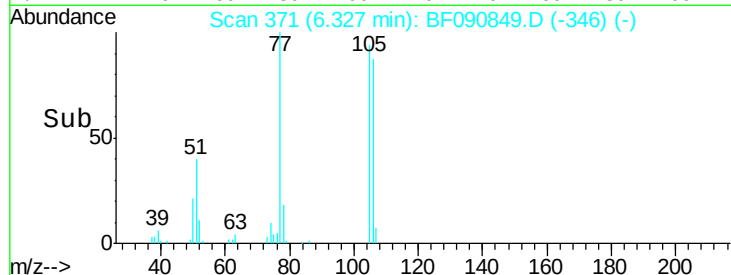
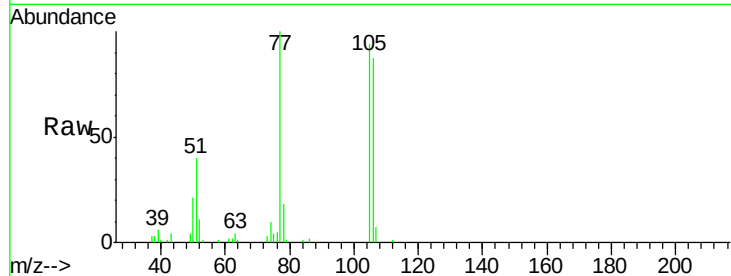
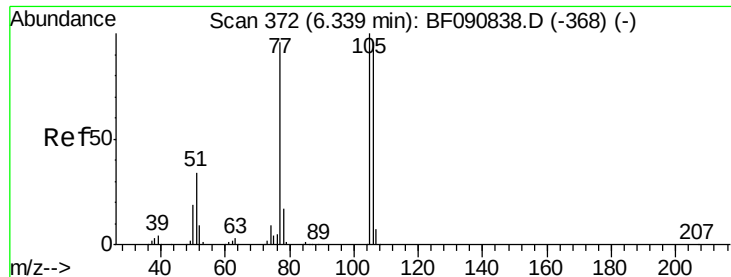
Ion Ratio Lower Upper

128 100

130 33.8 12.2 52.2

64 35.8 20.5 60.5





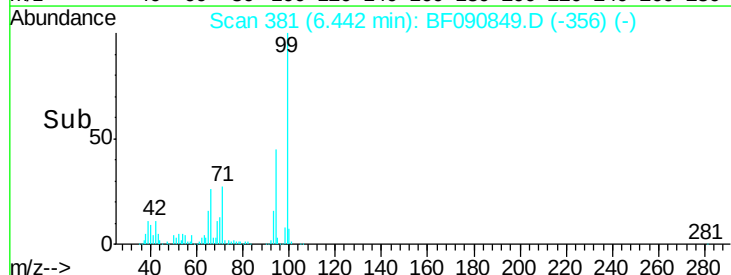
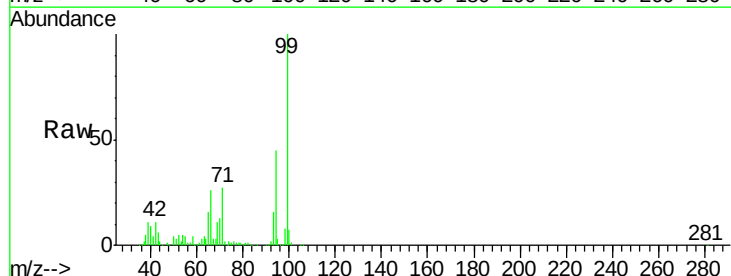
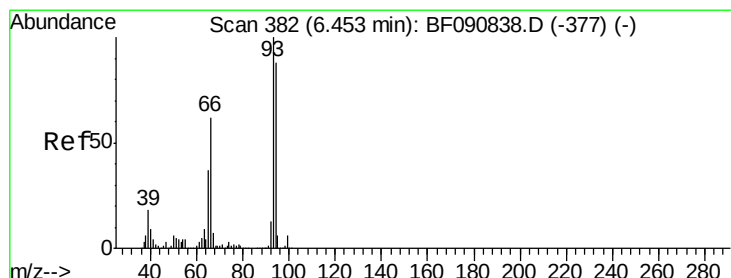
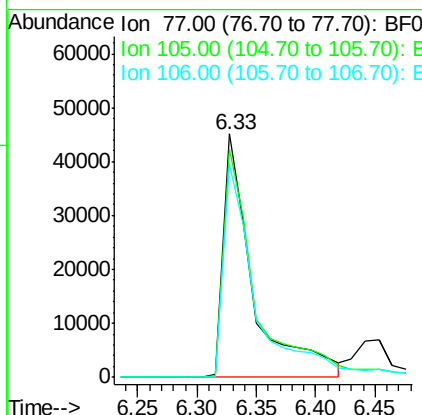
#9
Benzaldehyde
Concen: 11.11 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.7	91.6	131.6
106	87.2	102.6	142.6#

Instrument :
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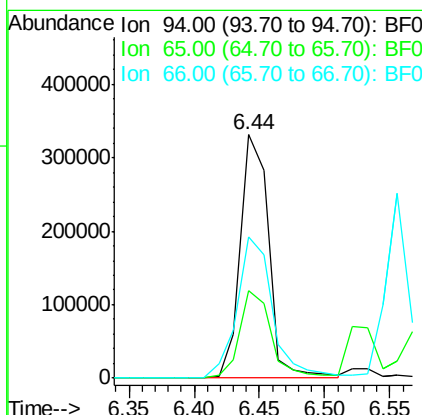
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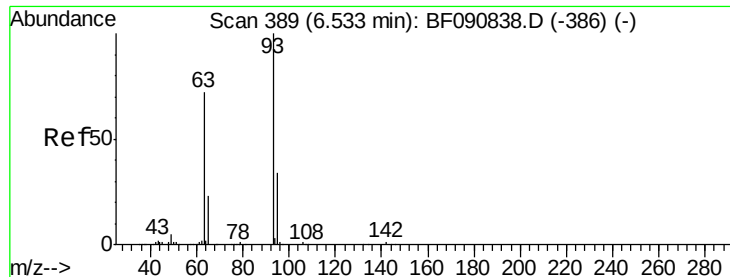
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#10
Phenol
Concen: 33.19 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.0	0.7	40.7
66	57.8	0.8	40.8#





#11

bis(2-Chloroethyl)ether

Concen: 38.89 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

PB94315BS

Tot Ion: 93 Resp: 483676

Ion Ratio Lower Upper

93 100

63 63.4 65.6 105.6#

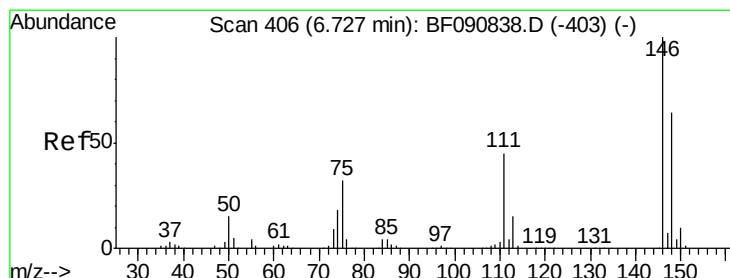
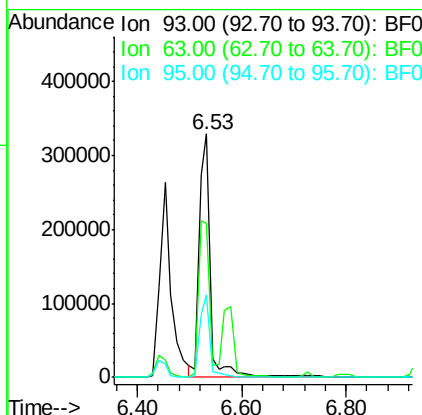
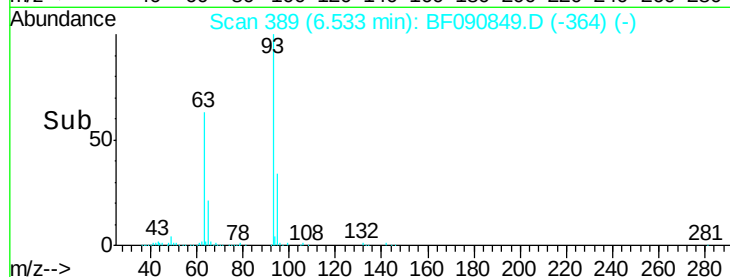
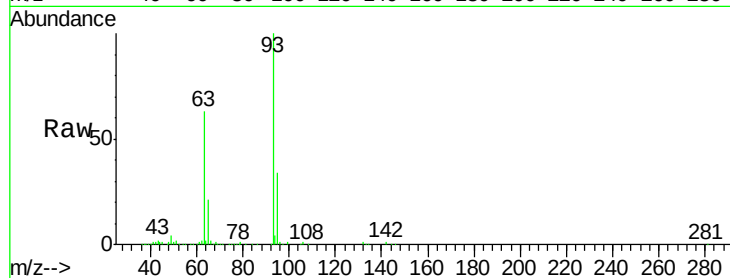
95 33.6 13.6 53.6

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#12

1,3-Dichlorobenzene

Concen: 42.81 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

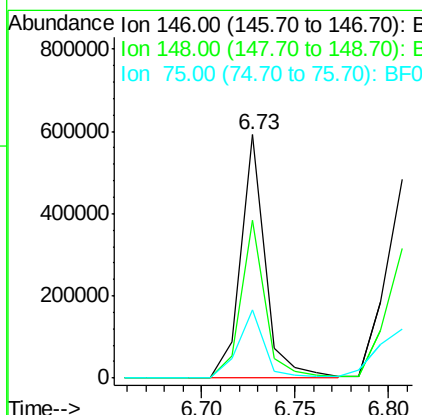
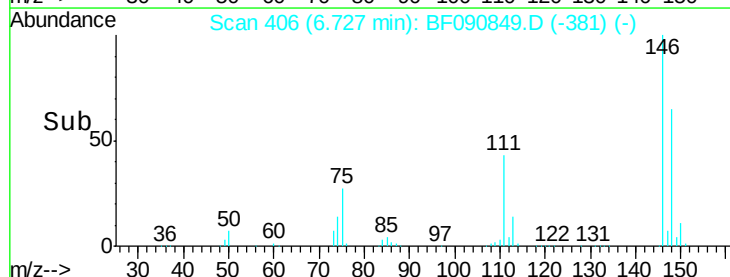
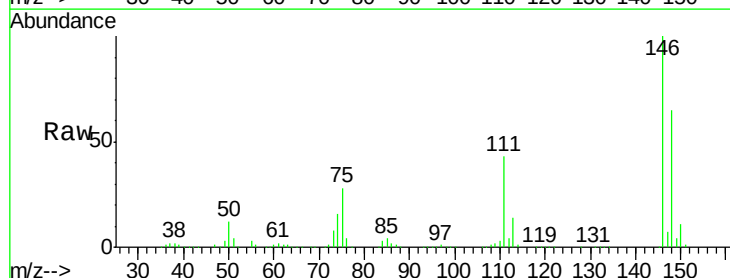
Tgt Ion: 146 Resp: 546047

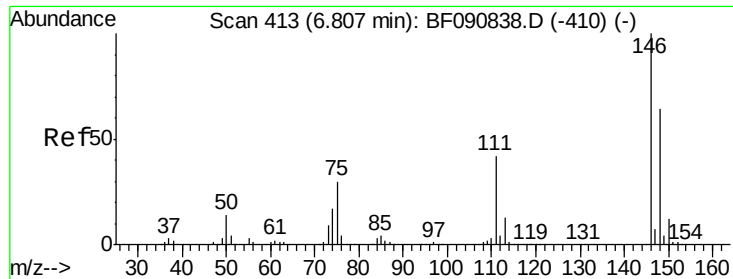
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

75 28.0 15.0 22.6#





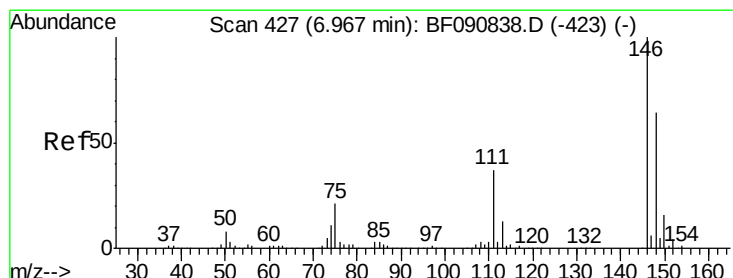
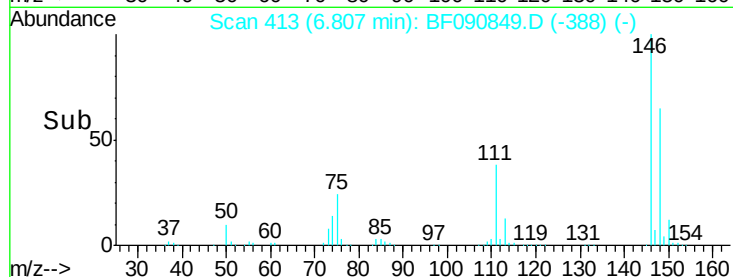
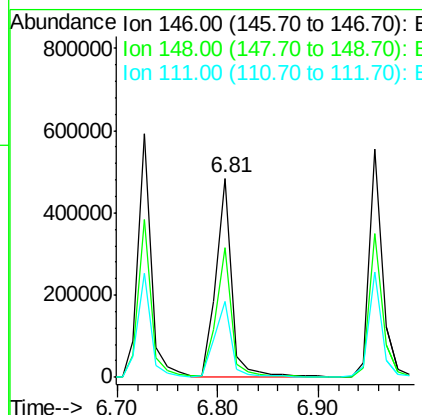
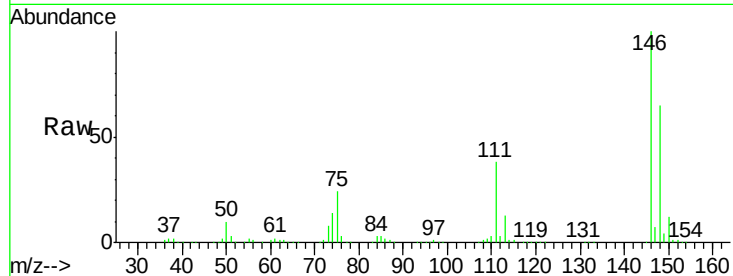
#13
 1,4-Dichlorobenzene
 Concen: 39.91 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Instrument :
 BNA_F
 ClientSampleId :
 PB94315BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	38.0	24.9	37.3

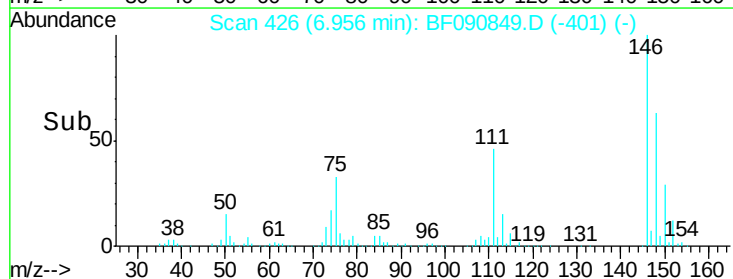
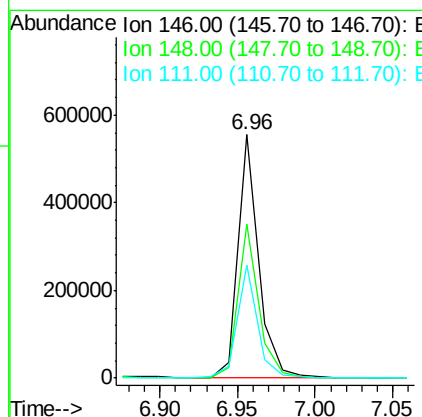
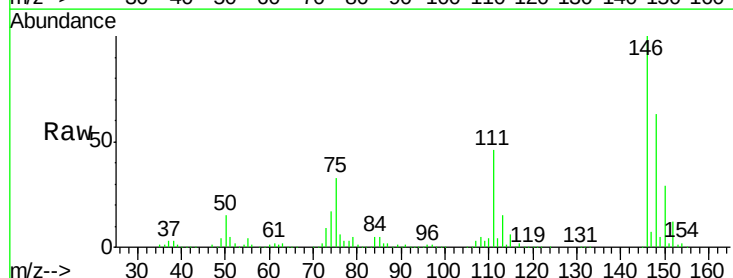
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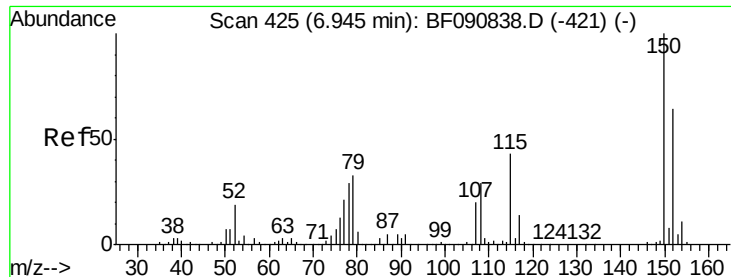
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#14
 1,2-Dichlorobenzene
 Concen: 39.76 ng m
 RT: 6.96 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.7	79.1
111	46.2	28.8	43.2





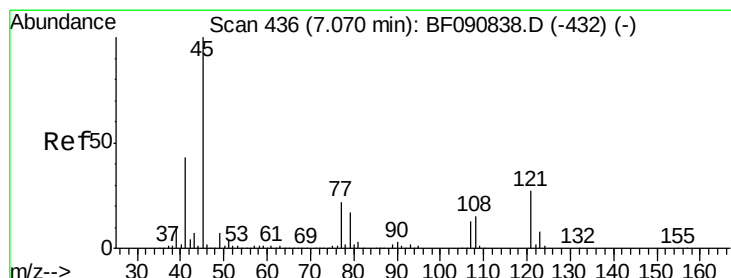
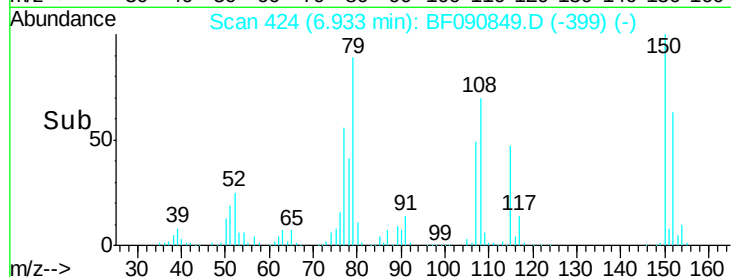
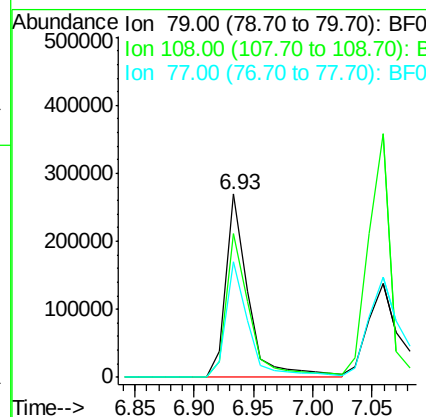
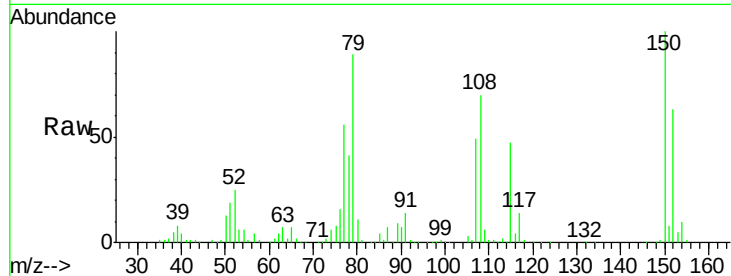
#15
Benzyl Alcohol
Concen: 39.71 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Instrument :
BNA_F
ClientSampled :
PB94315BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	88.6	132.8#
77	62.9	47.0	70.4

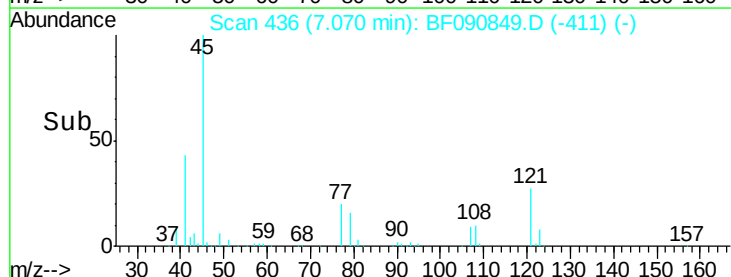
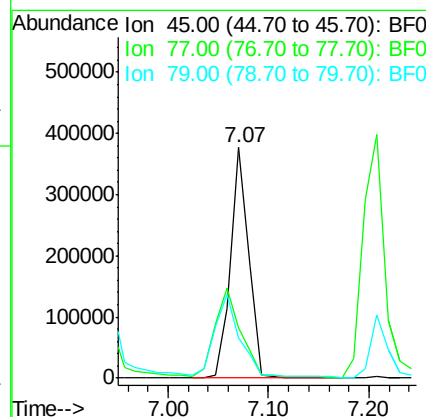
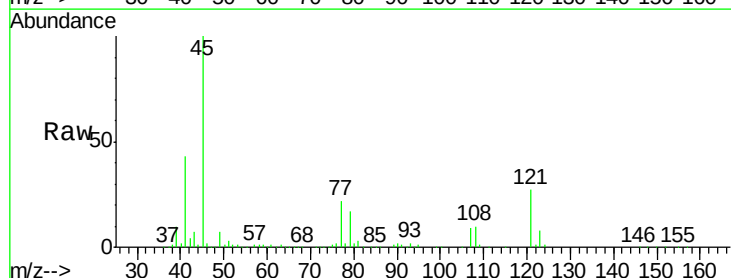
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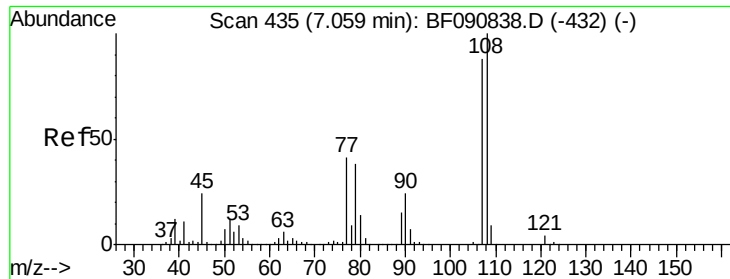
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.32 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.1	0.0	28.1
79	17.4	0.0	26.0





#17

2-Methylphenol

Concen: 42.69 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

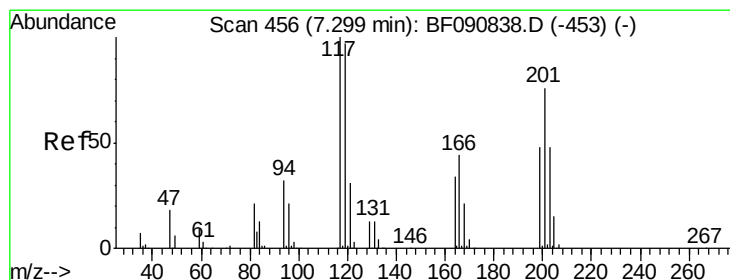
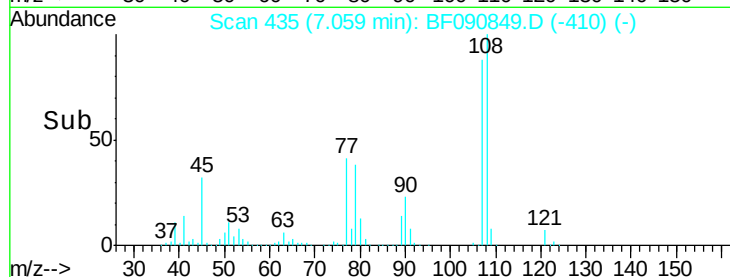
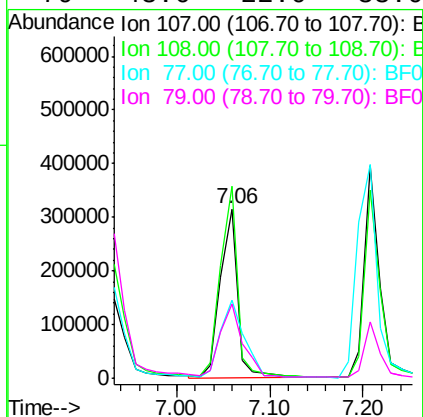
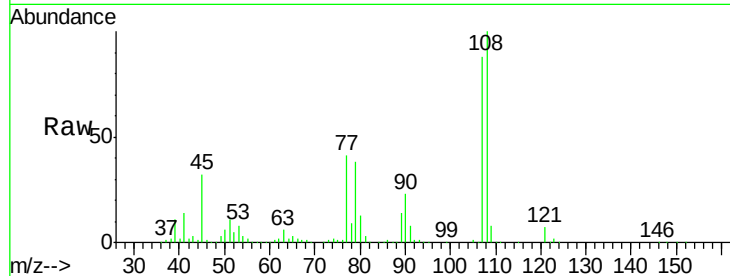
ClientSampleId :

PB94315BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	96.6	145.0	
77	46.5	23.3	34.9#	
79	43.6	22.0	33.0#	

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#18

Hexachloroethane

Concen: 38.50 ng

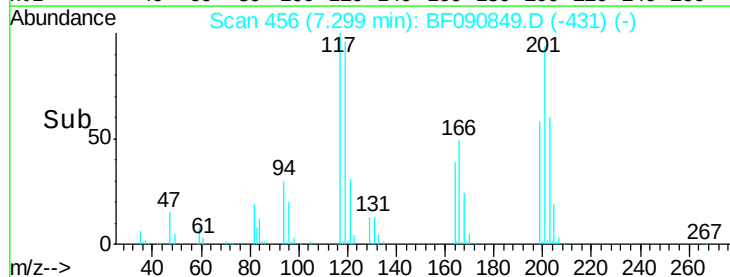
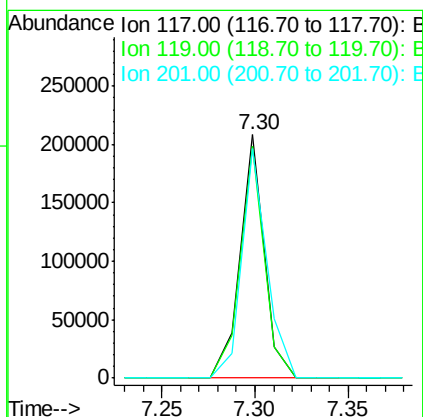
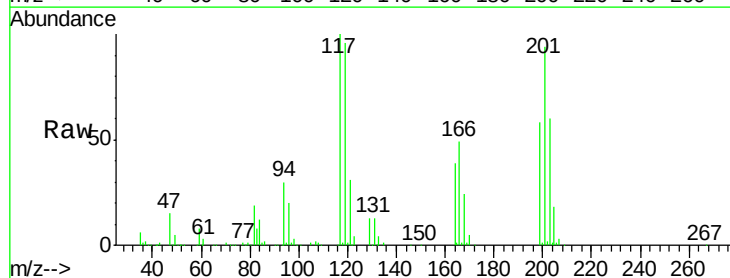
RT: 7.30 min Scan# 456

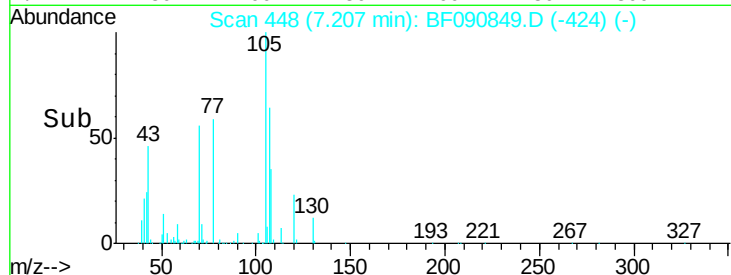
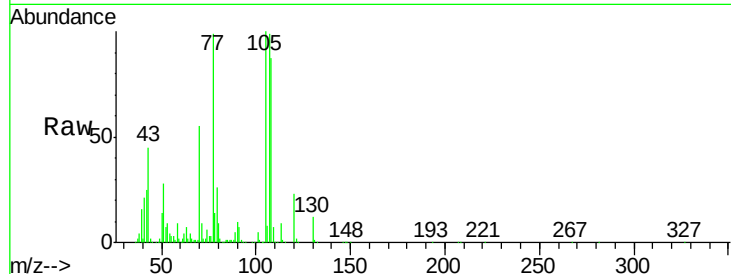
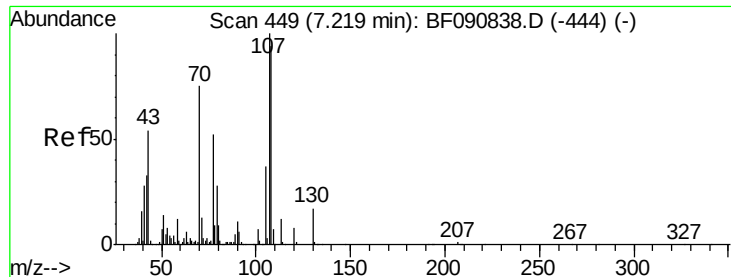
Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	83.8	125.6	
201	94.2	55.1	82.7#	





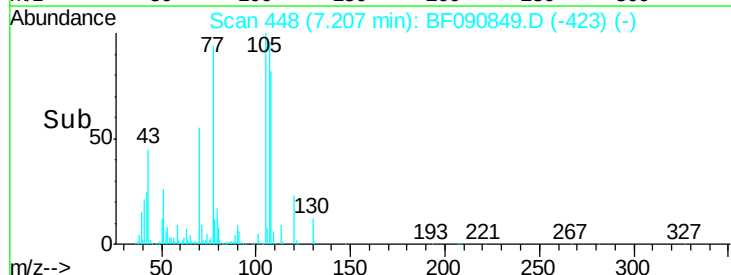
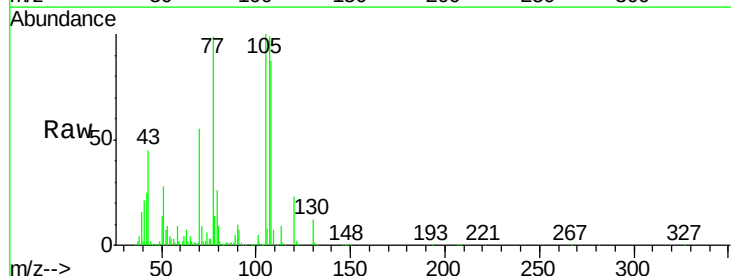
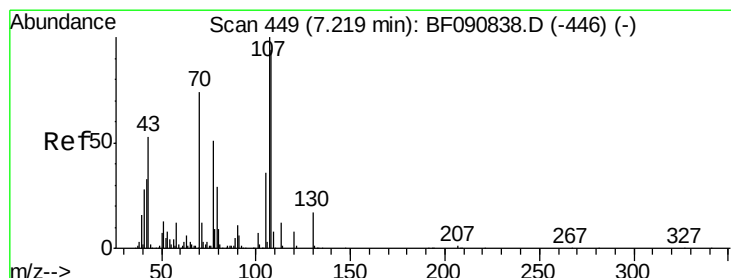
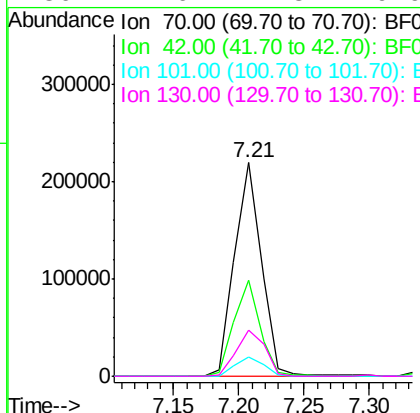
#19
n-Nitroso-di-n-propylamine
Concen: 39.79 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Instrument :
BNA_F
ClientSampleId :
PB94315BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.9	63.8	95.6#
101	9.2	9.2	13.8
130	21.6	27.3	40.9#

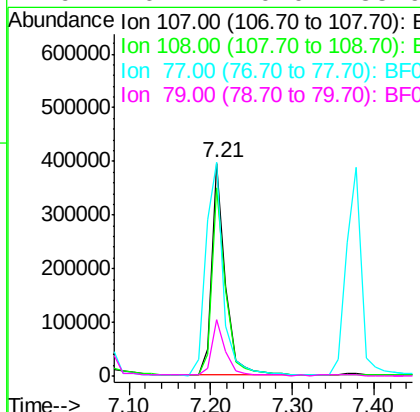
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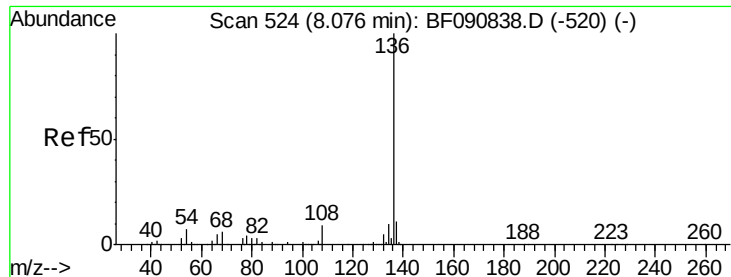
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#20
3+4-Methylphenols
Concen: 42.25 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	74.6	114.6
77	100.2	0.7	40.7#
79	26.2	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

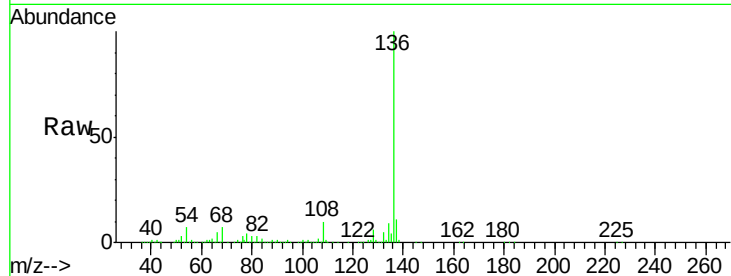
ClientSampled :

PB94315BS

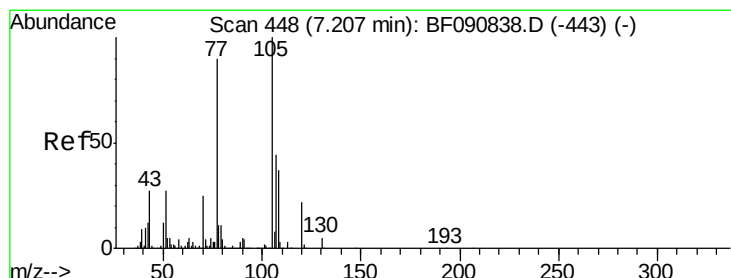
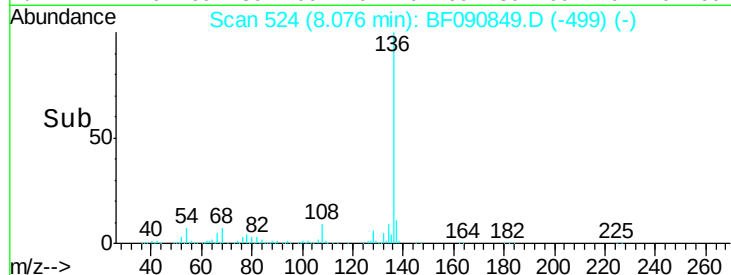
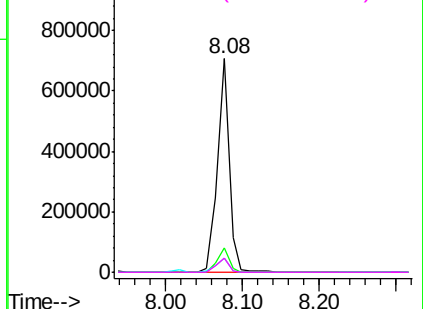
Tot Ion	Ratio	Resp	Lower	Upper
136	100	760271		
137	11.2	9.0	13.6	
54	6.8	8.2	12.2	
68	6.6	5.8	8.6	

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Abundance Ion 136.00 (135.70 to 136.70): E



#22

Acetophenone

Concen: 41.44 ng

RT: 7.21 min Scan# 448

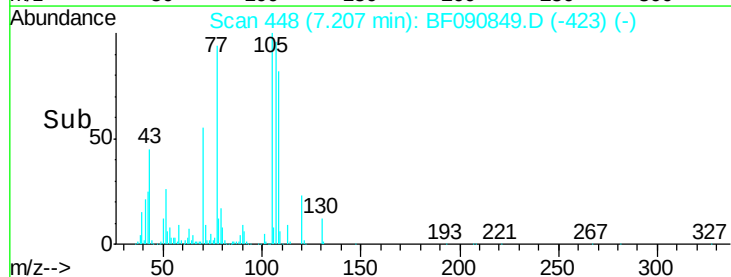
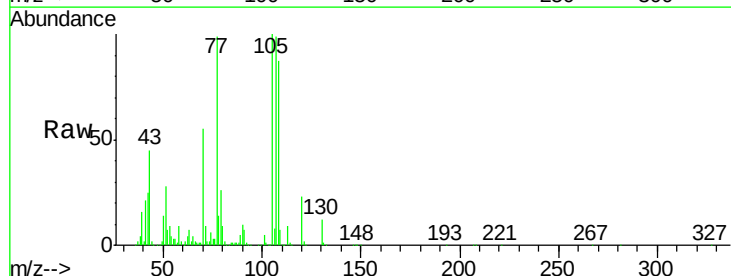
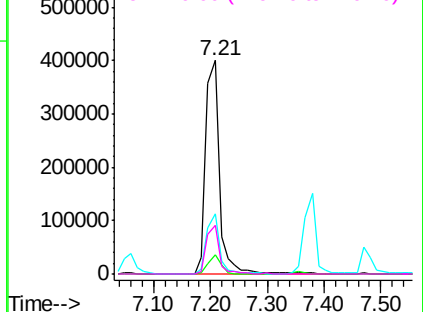
Delta R.T. -0.01 min

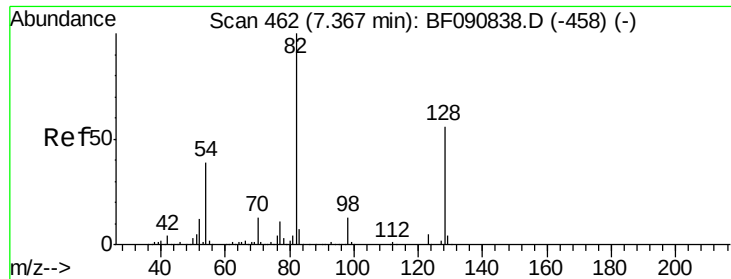
Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	648185		
71	9.2	4.7	7.1	
51	28.2	22.0	33.0	
120	22.6	30.1	45.1	

Abundance Ion 105.00 (104.70 to 105.70): E





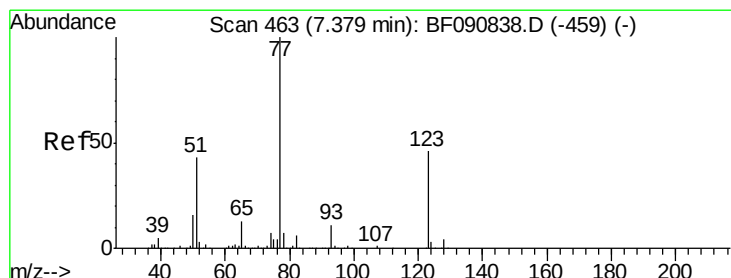
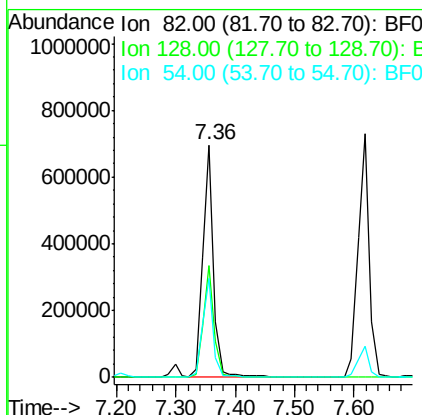
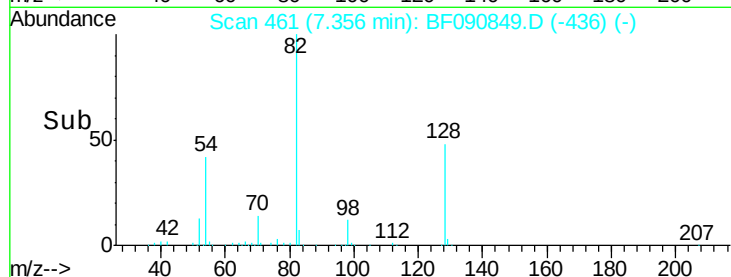
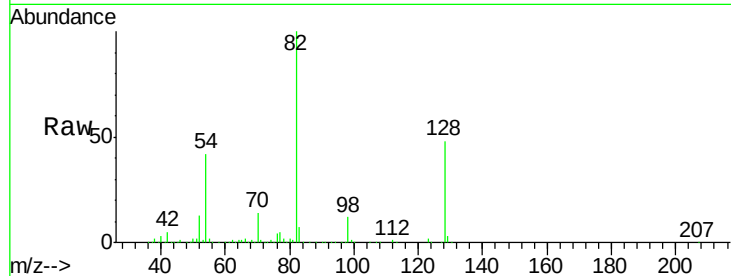
#23
 Nitrobenzene-d5
 Concen: 77.82 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Instrument :
 BNA_F
 ClientSampleID :
 PB94315BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.3	51.0	76.6#	
54	42.5	47.5	71.3#	

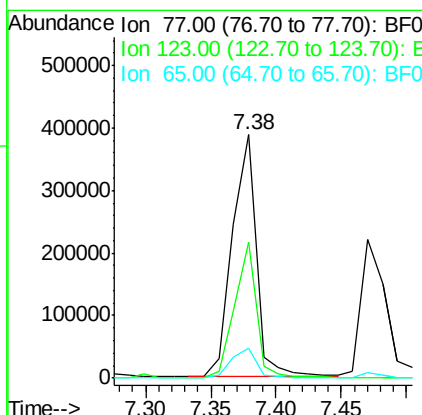
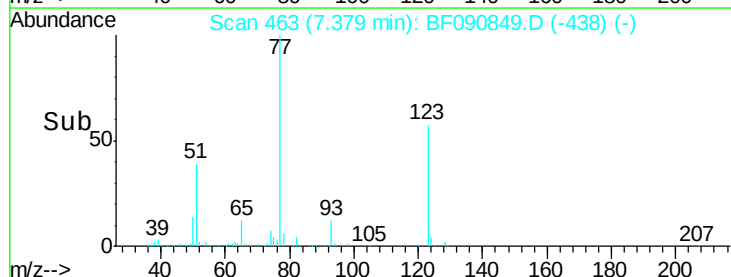
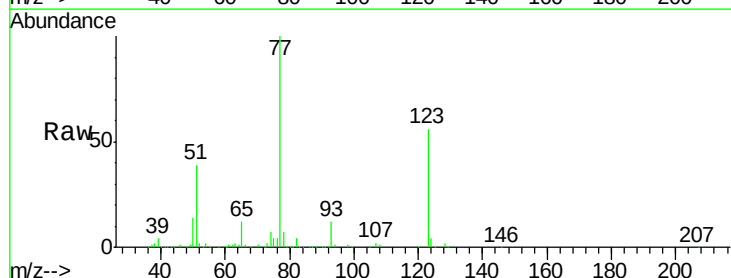
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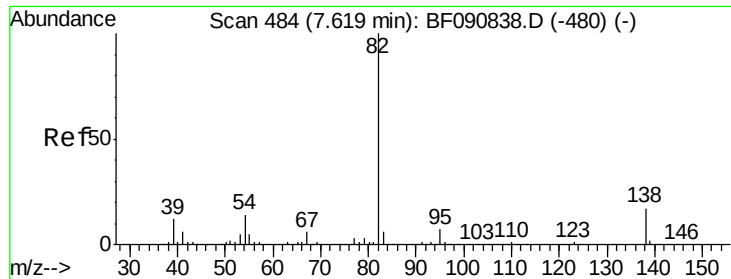
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#24
 Nitrobenzene
 Concen: 40.36 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	56.0	59.8	89.8#	
65	12.4	10.2	15.4	





#25

Isophorone

Concen: 40.04 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

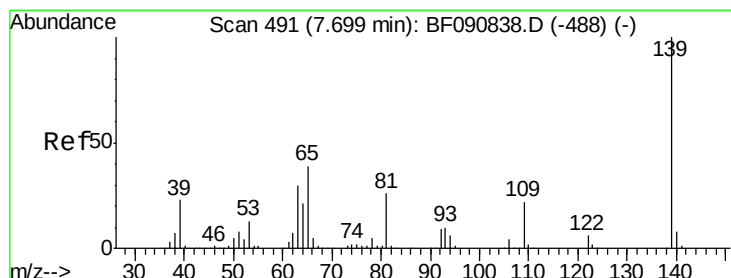
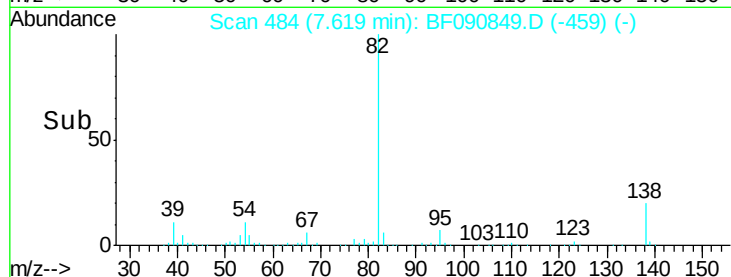
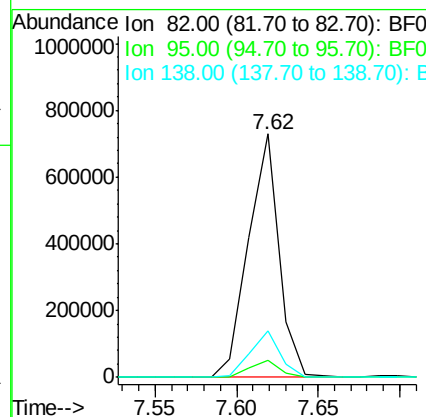
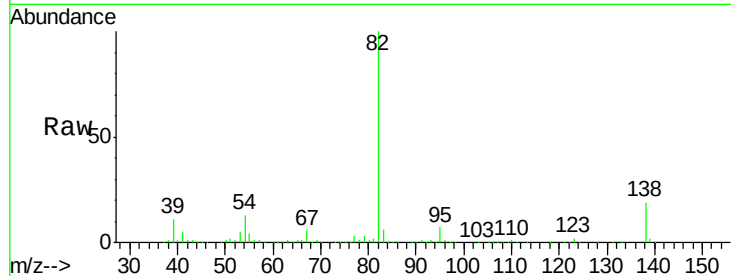
PB94315BS

Tot Ion: 82 Resp: 943627
Ion Ratio Lower Upper

82	100		
95	6.8	4.0	6.0#
138	19.1	18.3	27.5

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#26

2-Nitrophenol

Concen: 40.40 ng

RT: 7.69 min Scan# 490

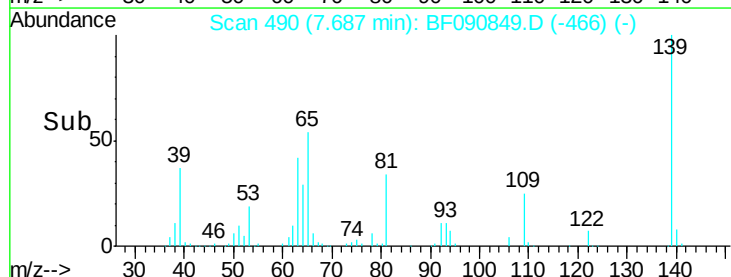
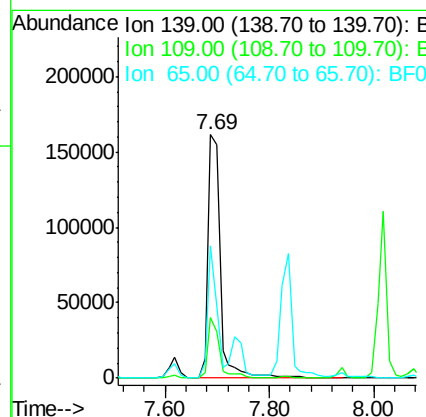
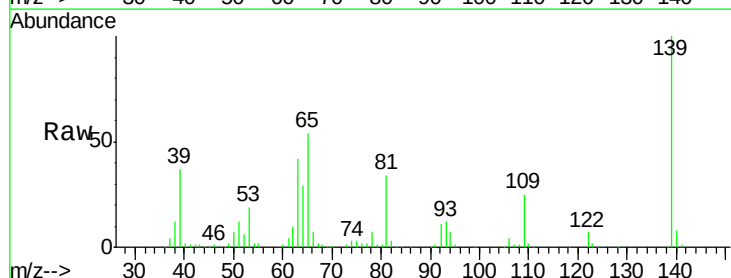
Delta R.T. -0.02 min

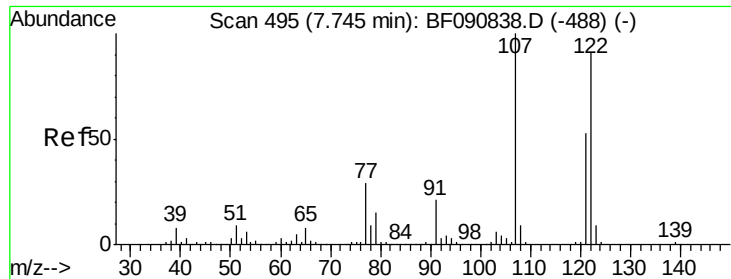
Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Tgt Ion: 139 Resp: 265876
Ion Ratio Lower Upper

139	100		
109	25.1	11.0	16.4#
65	54.4	24.7	37.1#





#27

2,4-Dimethylphenol

Concen: 43.34 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

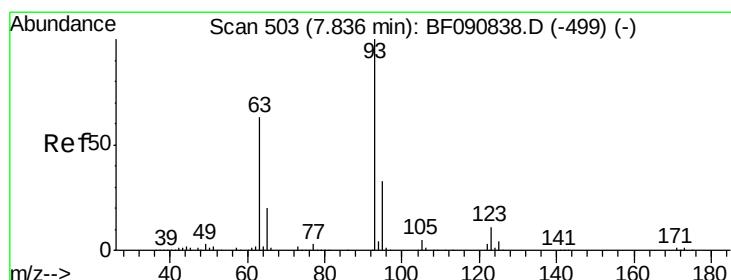
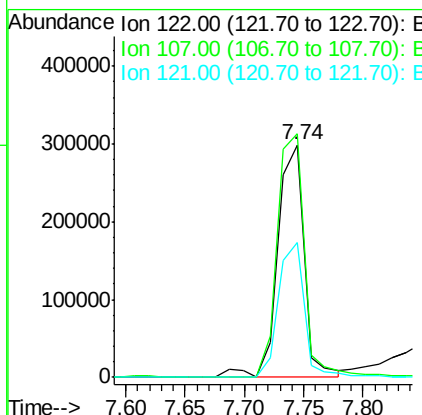
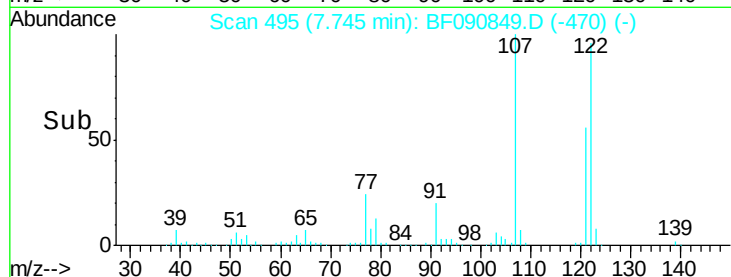
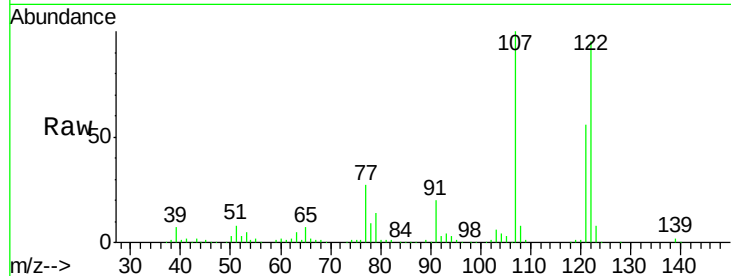
ClientSampled :

PB94315BS

Tot Ion:	122	Resp:	461751
Ion Ratio	Lower	Upper	
122	100		
107	104.8	71.8	107.6
121	58.3	42.3	63.5

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#28

bis(2-Chloroethoxy)methane

Concen: 45.03 ng

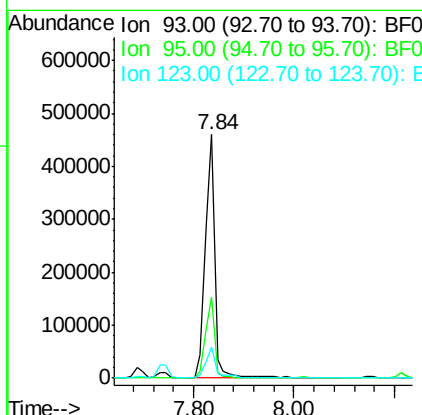
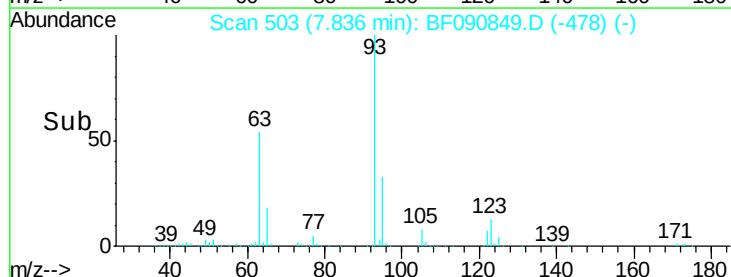
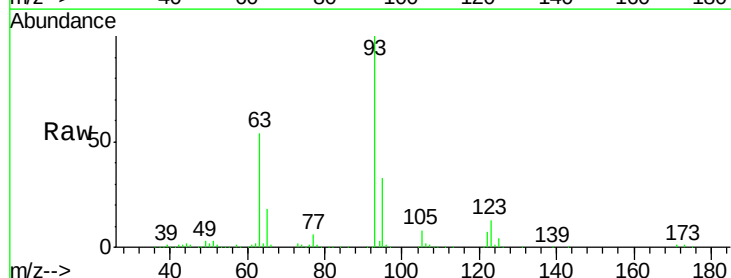
RT: 7.84 min Scan# 503

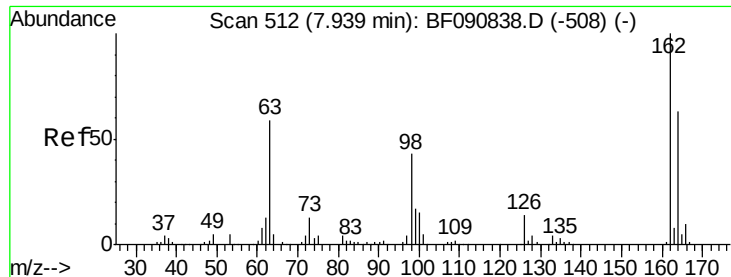
Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Tgt Ion:	93	Resp:	603611
Ion Ratio	Lower	Upper	
93	100		
95	33.4	27.5	41.3
123	12.8	13.7	20.5#





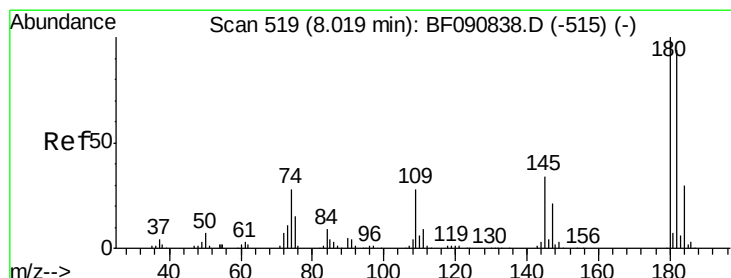
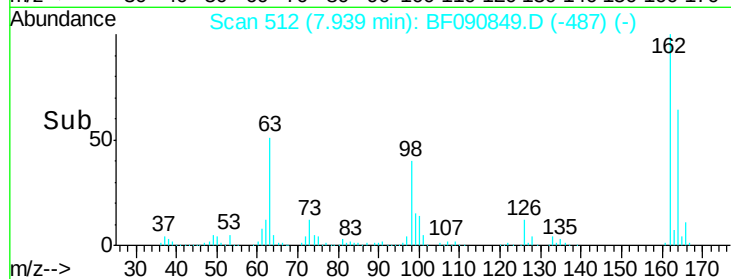
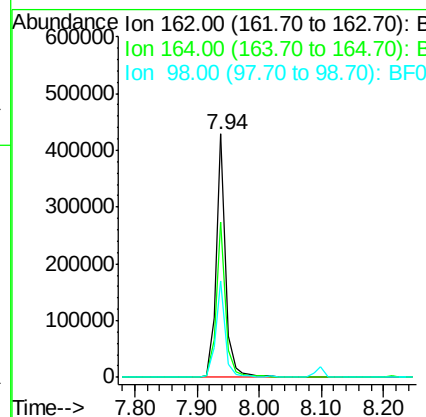
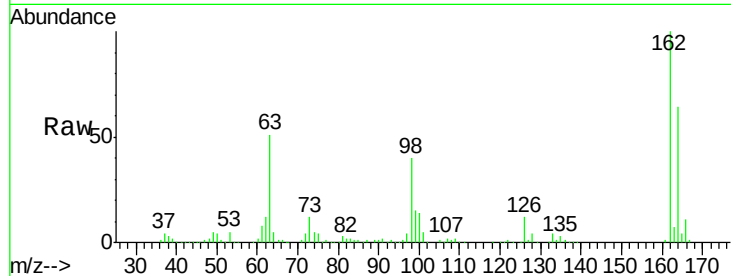
#29
 2,4-Dichlorophenol
 Concen: 45.72 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Instrument :
 BNA_F
 ClientSampleID :
 PB94315BS

Tot Ion:	162	Resp:	451072
Ion Ratio		Lower	Upper
162	100		
164	63.7	44.9	84.9
98	39.5	13.0	53.0

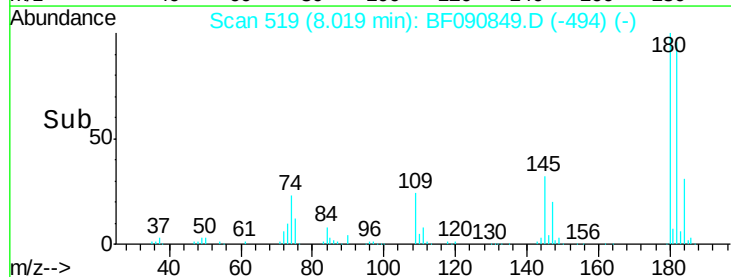
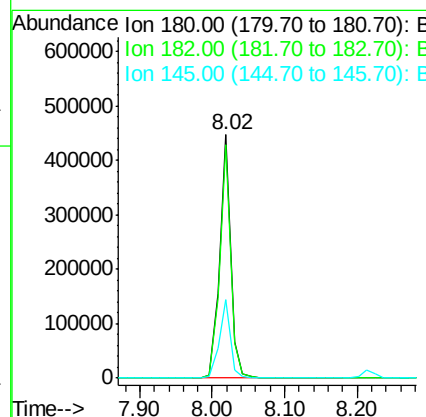
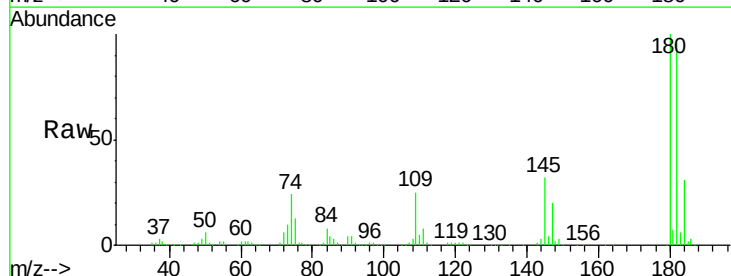
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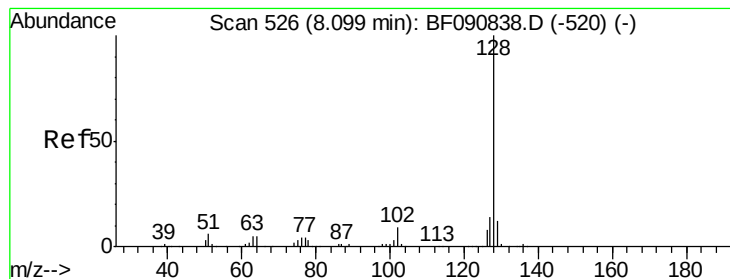
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.75 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Tgt Ion:	180	Resp:	475921
Ion Ratio		Lower	Upper
180	100		
182	96.0	77.1	115.7
145	32.2	23.3	34.9





#31

Naphthalene

Concen: 42.08 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

PB94315BS

Tot Ion:128 Resp: 1495438

Ion Ratio Lower Upper

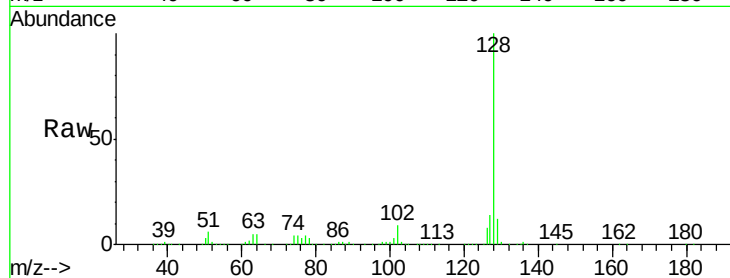
128 100

129 11.6 8.4 12.6

127 13.8 9.9 14.9

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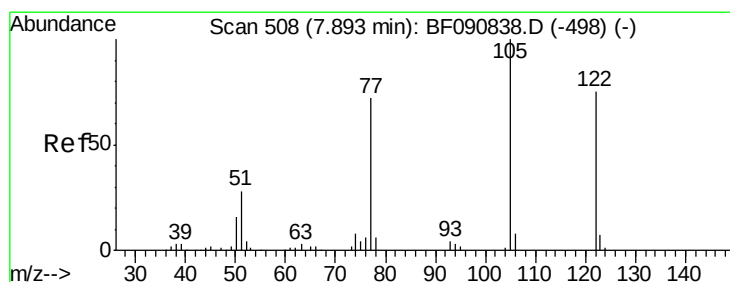
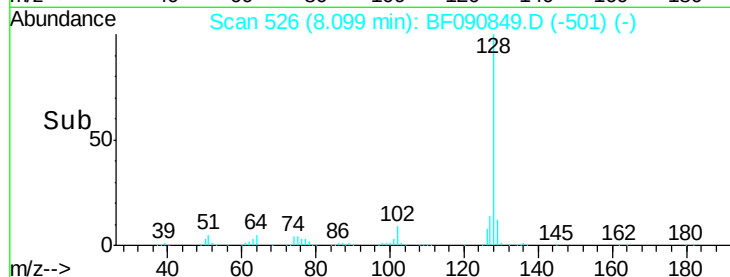
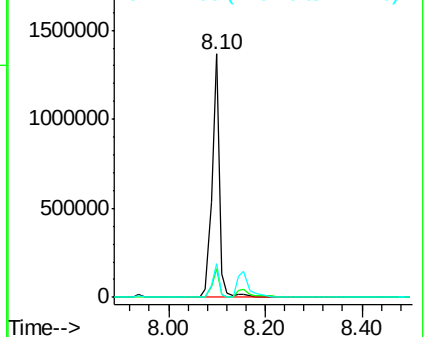
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.03 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

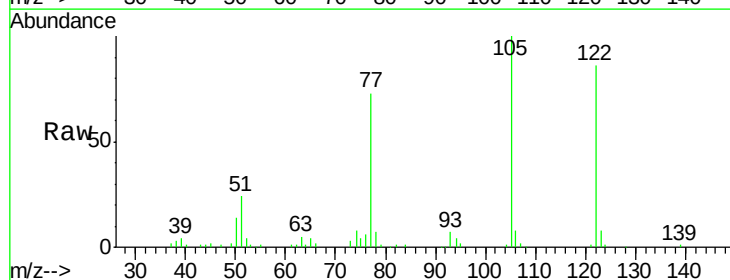
Tgt Ion:122 Resp: 240005

Ion Ratio Lower Upper

122 100

105 115.7 76.1 116.1

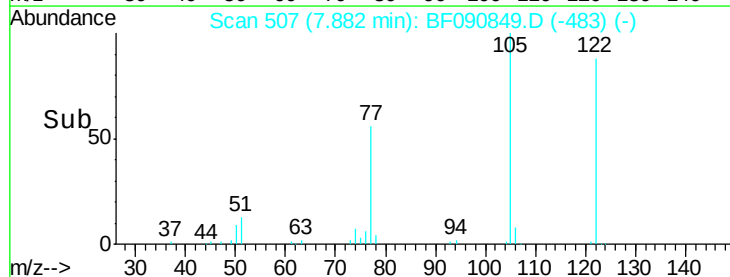
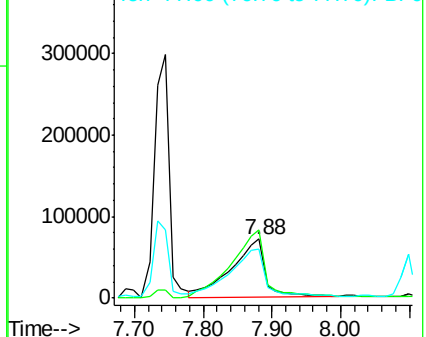
77 84.5 40.5 80.5#

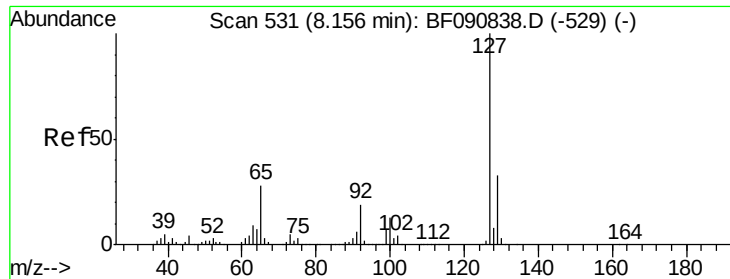


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





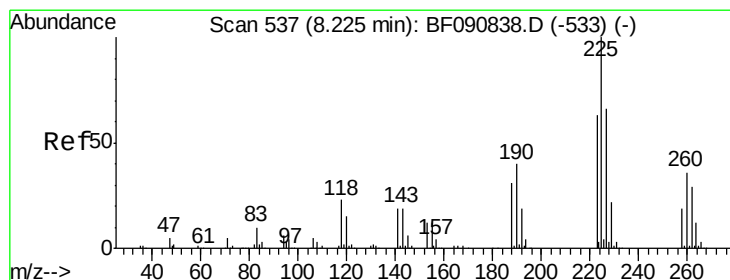
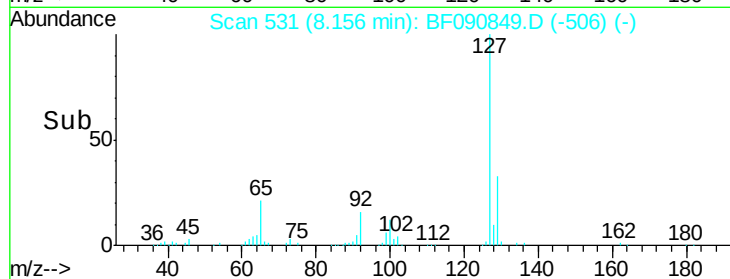
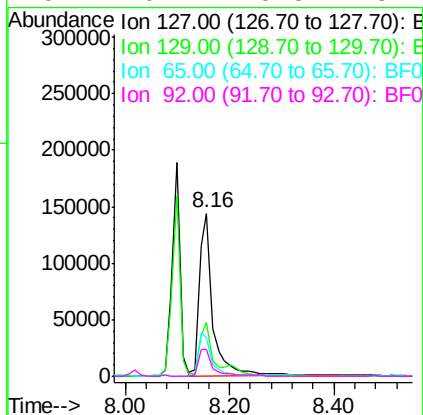
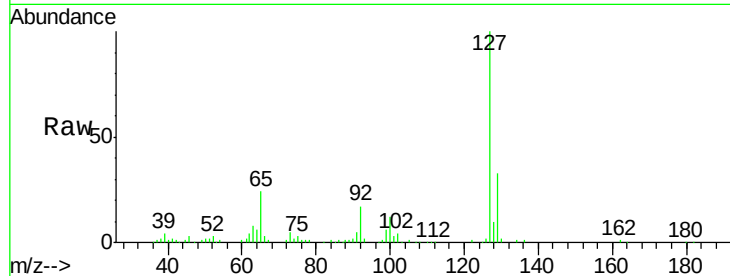
#33
4-Chloroaniline
Concen: 18.04 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Instrument :
BNA_F
ClientSampleId :
PB94315BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	25.8	38.6	
65	23.9	17.9	26.9	
92	16.7	10.5	15.7	

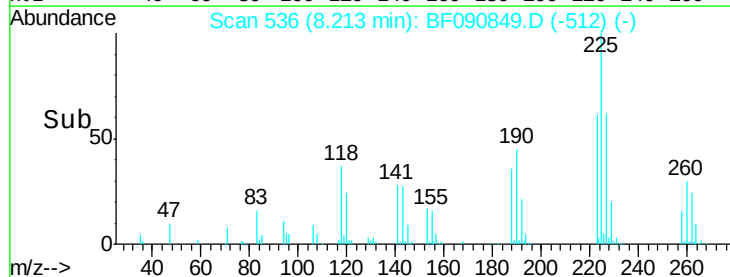
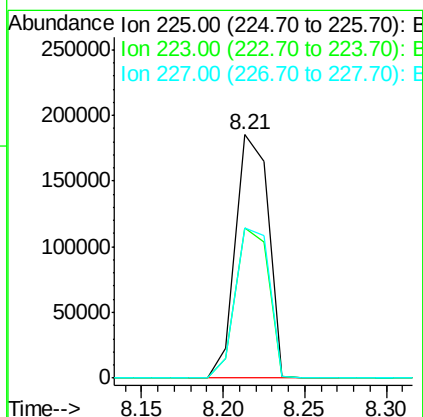
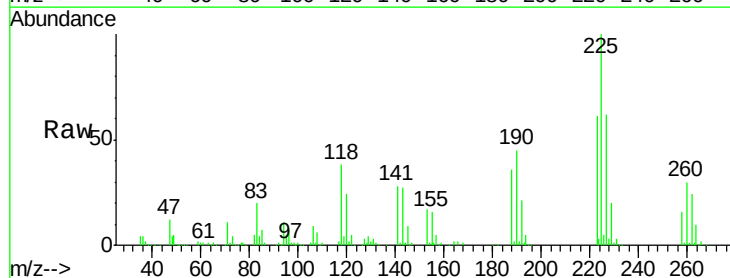
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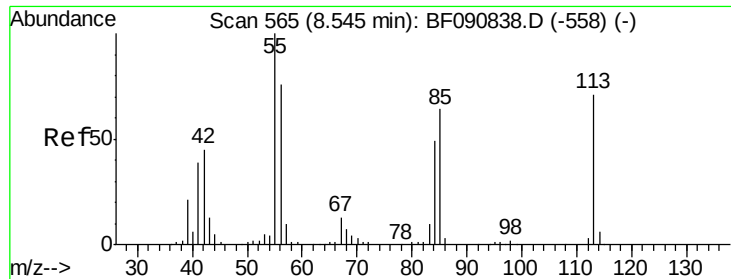
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#34
Hexachlorobutadiene
Concen: 38.41 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	50.2	75.2	
227	61.7	52.2	78.2	





#35

Caprolactam

Concen: 43.02 ng/ml

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

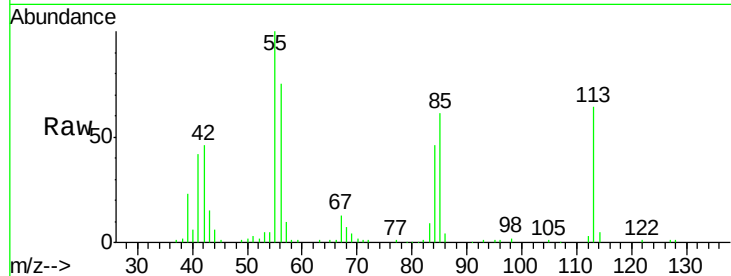
ClientSampleID :

PB94315BS

Tot Ion:	113	Resp:	131747
Ion Ratio	Lower	Upper	
113	100		
55	156.5	152.4	192.4
56	117.4	104.6	144.6

Manual Integrations
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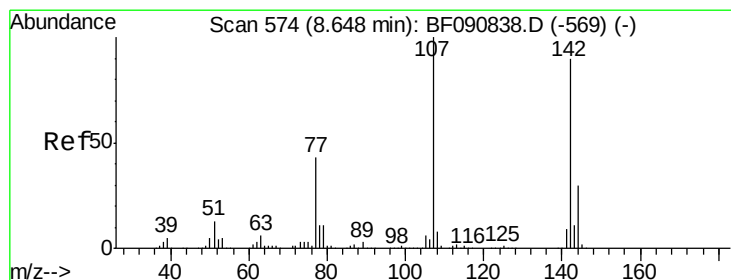
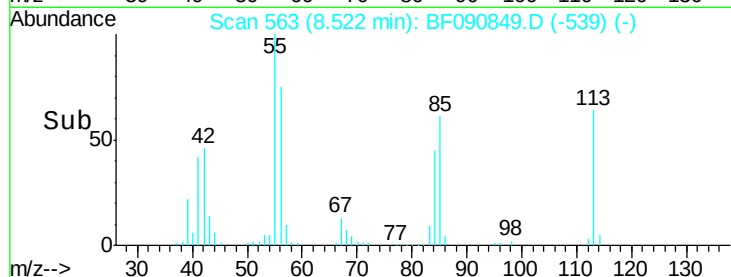
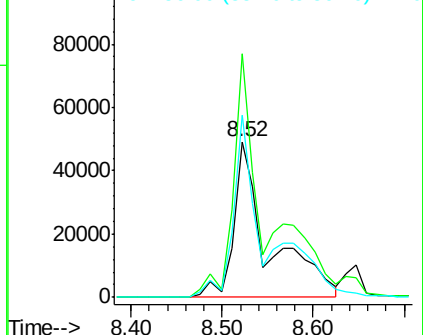
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.99 ng/ml

RT: 8.65 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF090849.D

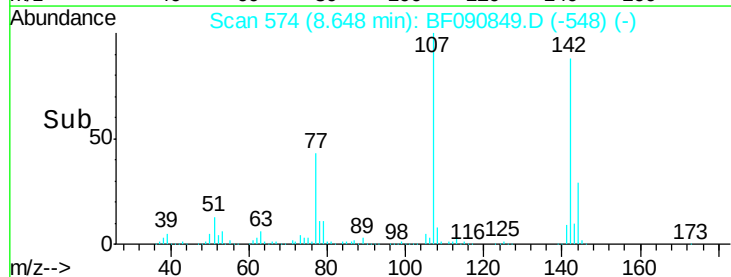
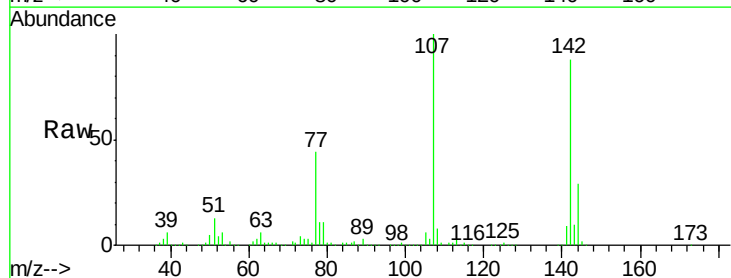
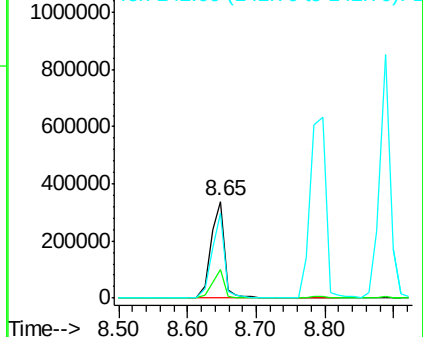
Acq: 26 Oct 2016 19:28

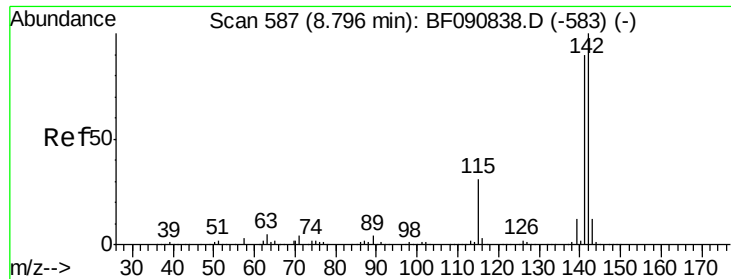
Tgt Ion:	107	Resp:	471982
Ion Ratio	Lower	Upper	
107	100		
144	28.9	25.4	38.0
142	88.0	77.3	115.9

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





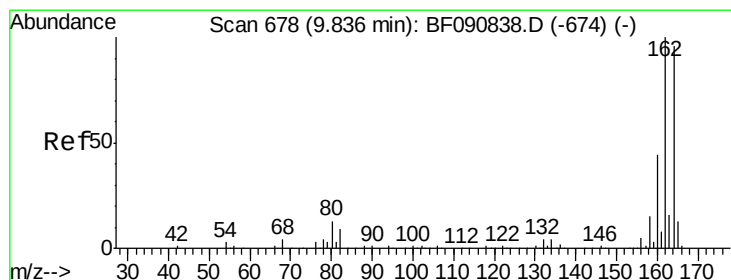
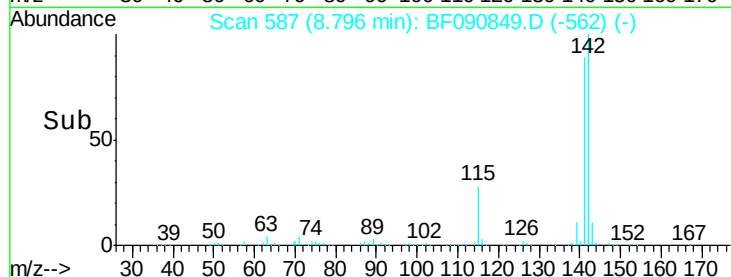
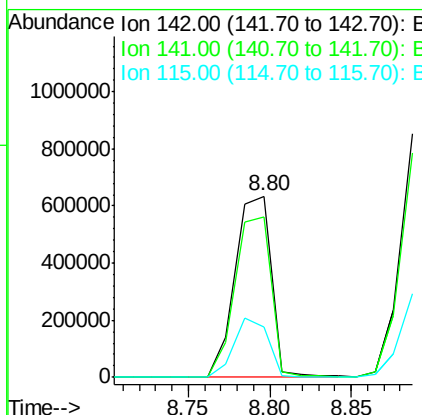
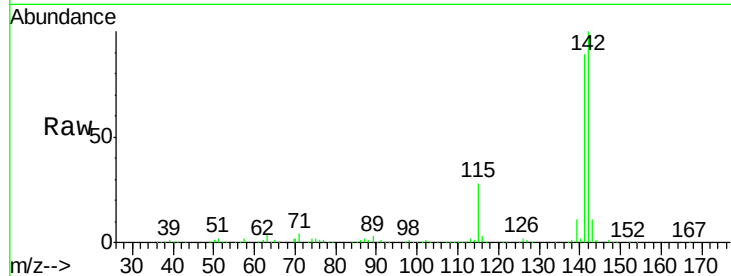
#37
2-Methylnaphthalene
Concen: 42.38 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Instrument :
BNA_F
ClientSampleId :
PB94315BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	67.5	101.3
115	27.8	18.2	27.2#

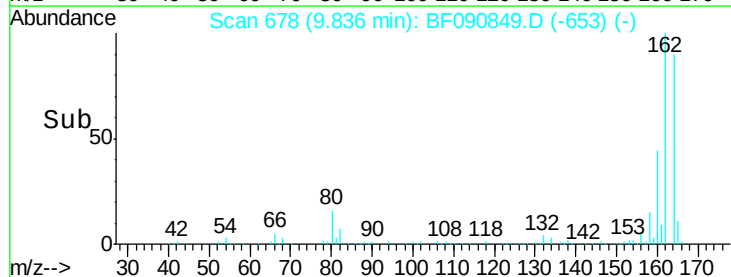
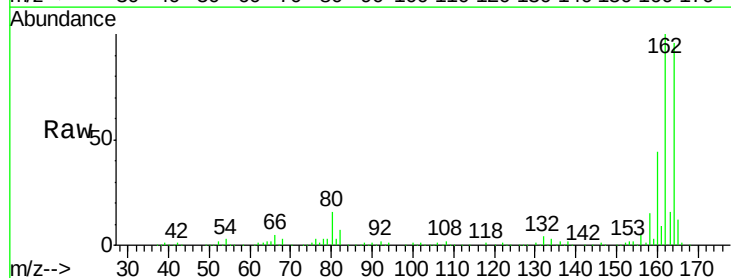
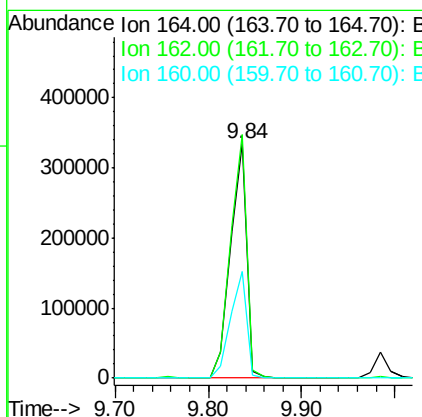
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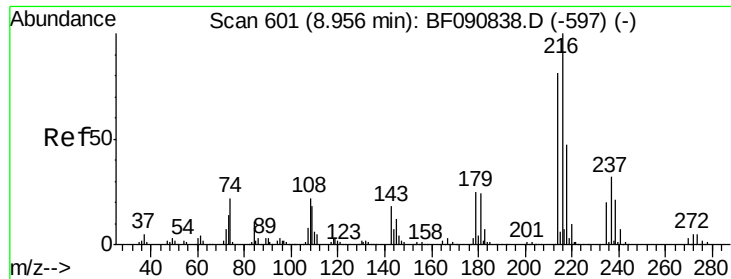
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	75.2	112.8
160	45.6	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.21 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

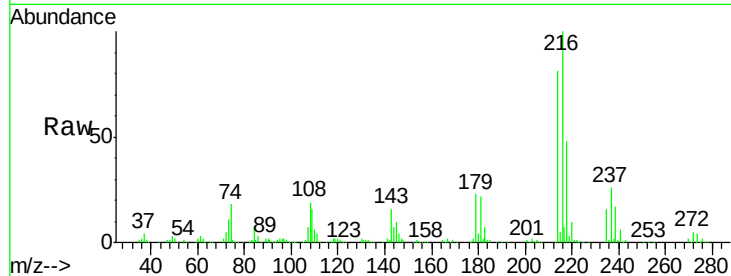
ClientSampled :

PB94315BS

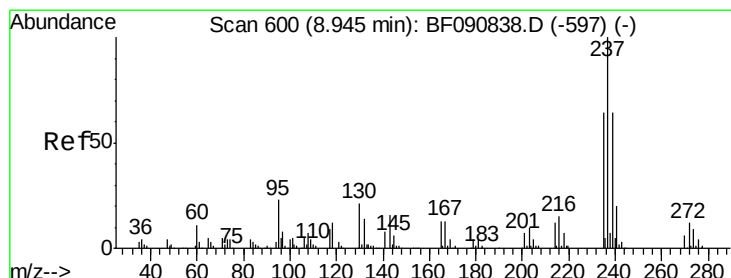
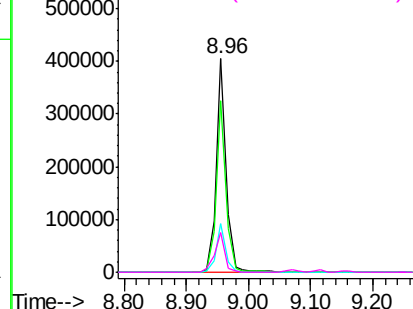
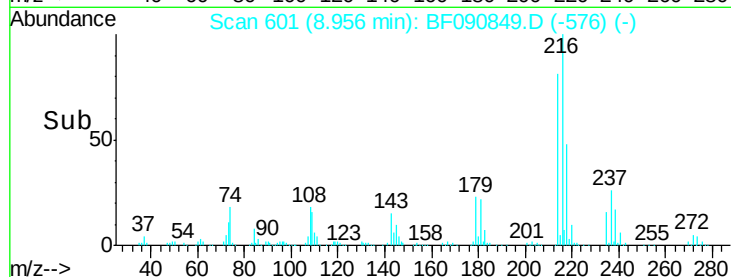
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		439858		
214	79.4		63.5	95.3	
179	21.7		16.6	24.8	
108	19.4		16.3	24.5	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 98.28 ng

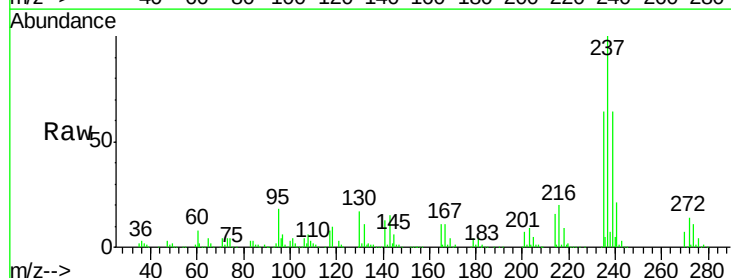
RT: 8.94 min Scan# 600

Delta R.T. -0.01 min

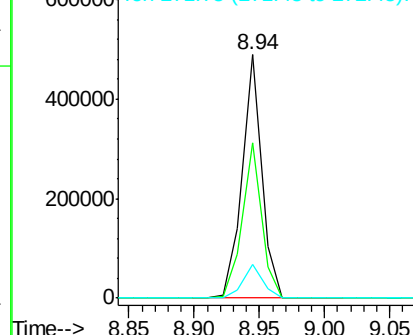
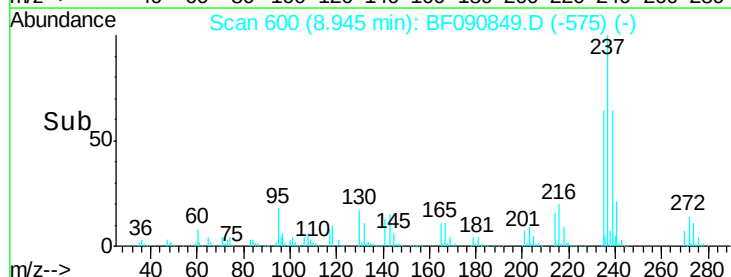
Lab File: BF090849.D

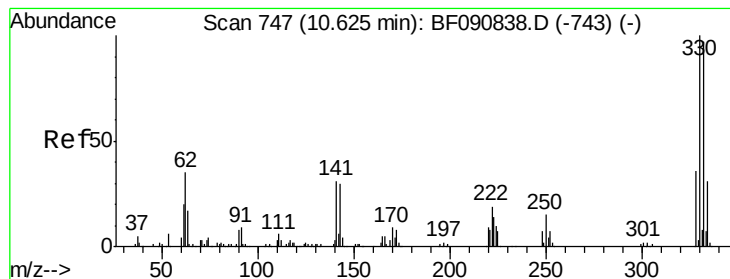
Acq: 26 Oct 2016 19:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		507218		
235	63.7		42.0	82.0	
272	13.7		0.0	36.1	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





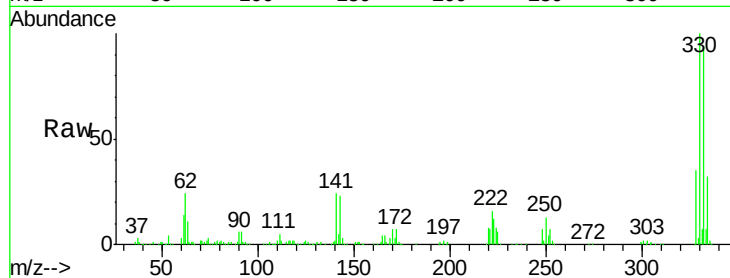
#41
 2,4,6-Tribromophenol
 Concen: 125.23 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Instrument :
 BNA_F
 ClientSampleId :
 PB94315BS

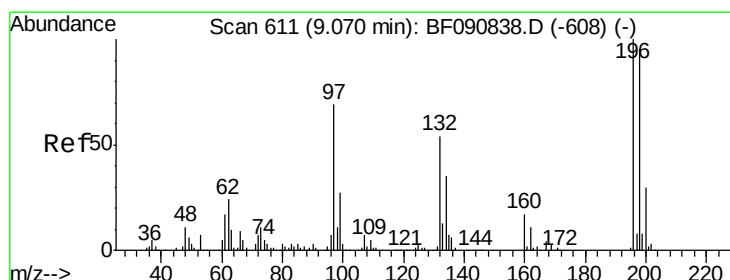
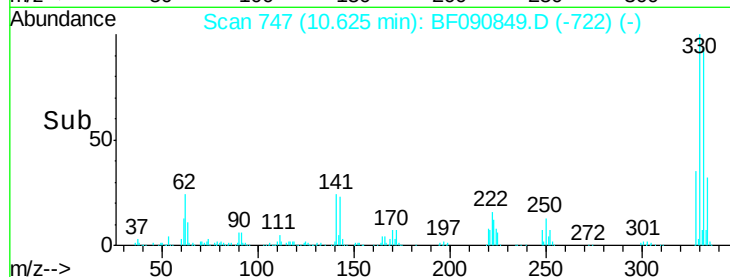
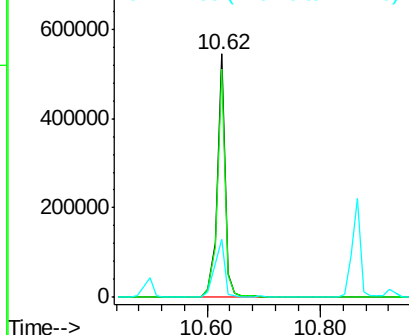
Tot Ion	Ratio	Resp	Lower	Upper
330	100	526239		
332	94.4	76.6	114.8	
141	29.8	29.7	44.5	

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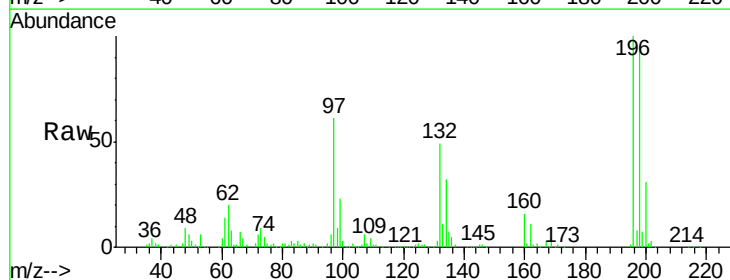


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

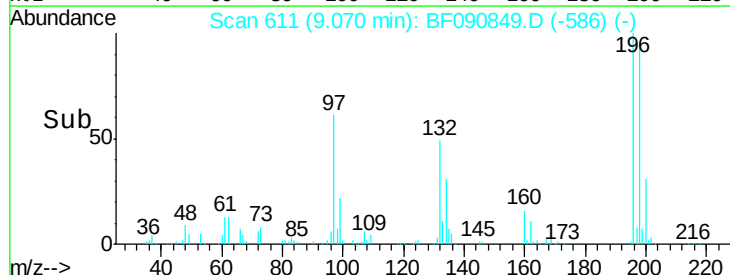
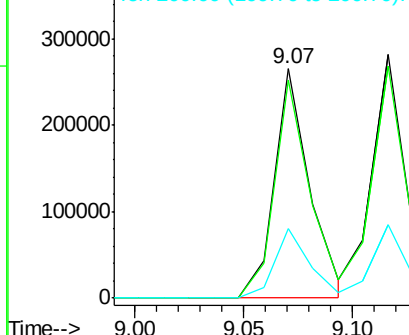


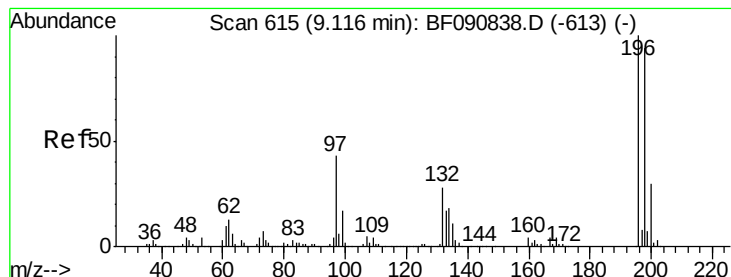
#42
 2,4,6-Trichlorophenol
 Concen: 41.72 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	302133		
198	95.0	75.7	113.5	
200	30.5	23.9	35.9	



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





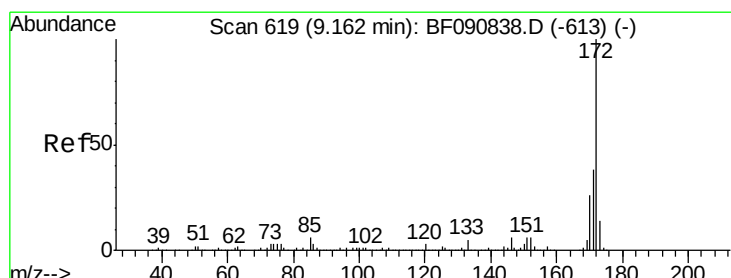
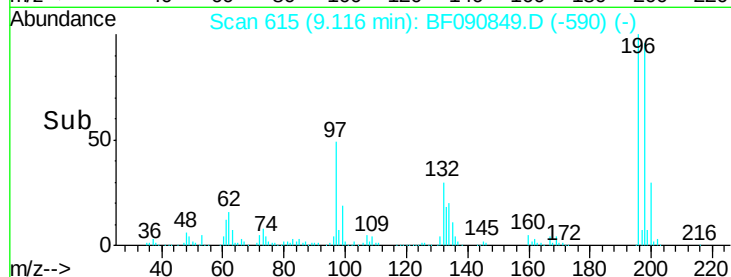
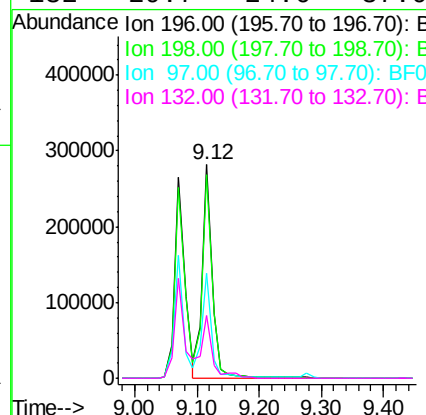
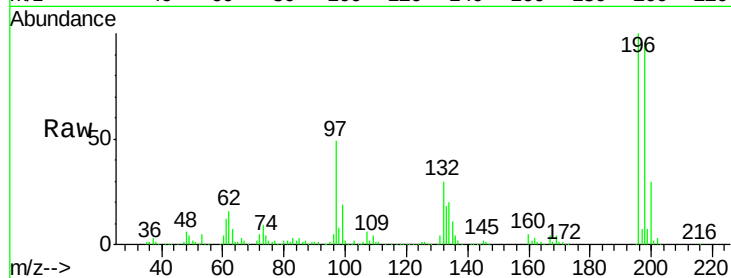
#43
 2,4,5-Trichlorophenol
 Concen: 42.87 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Instrument :
 BNA_F
 ClientSampleId :
 PB94315BS

Tot Ion:	196	Resp:	319800
Ion Ratio	Lower	Upper	
196	100		
198	95.6	75.4	113.0
97	48.9	33.3	49.9
132	29.7	24.6	37.0

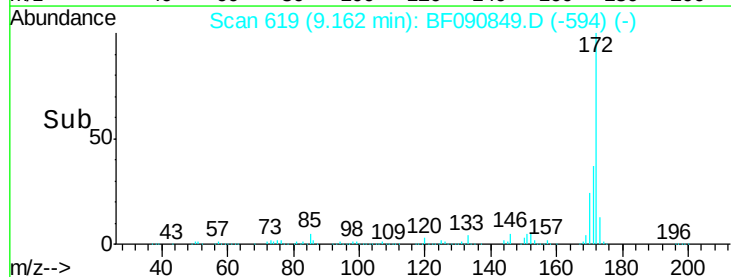
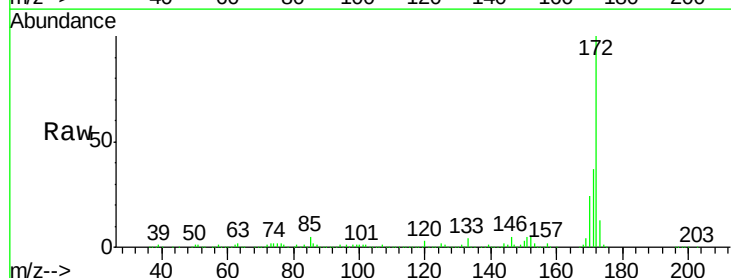
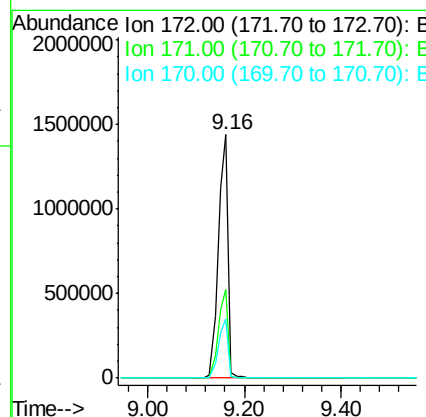
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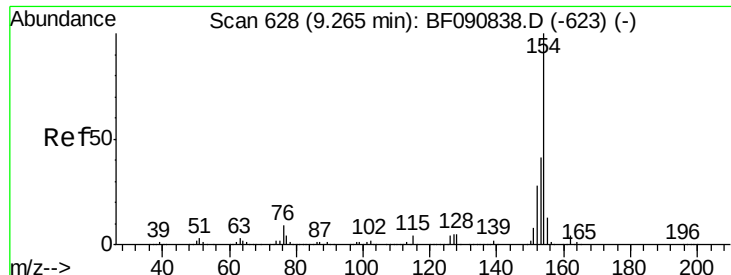
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#44
 2-Fluorobiphenyl
 Concen: 89.38 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Tgt Ion:	172	Resp:	2081429
Ion Ratio	Lower	Upper	
172	100		
171	36.6	26.1	39.1
170	24.4	17.4	26.2





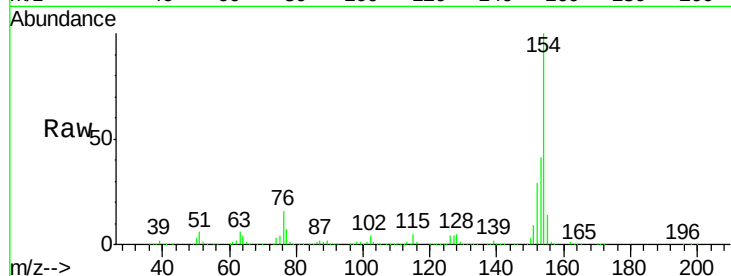
#45
1,1'-Biphenyl
Concen: 39.57 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Instrument :
BNA_F
ClientSampleId :
PB94315BS

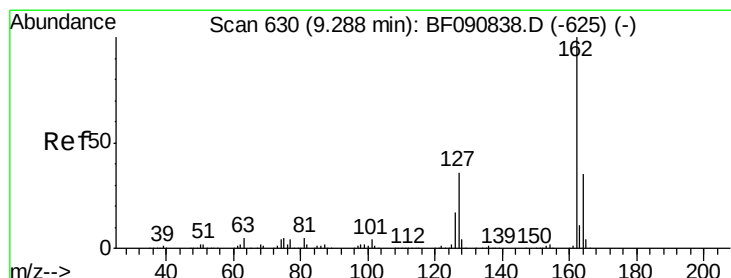
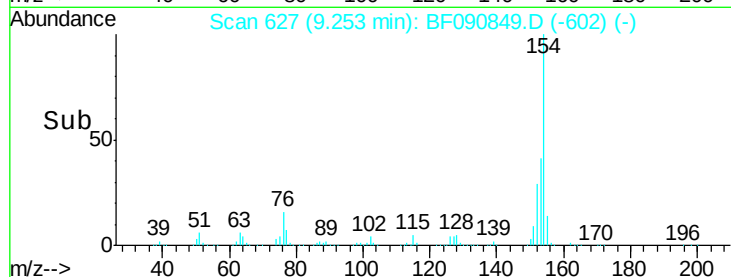
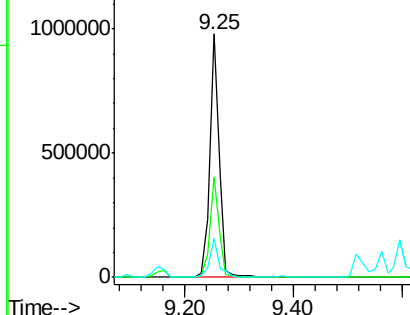
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	17.1	57.1
76	15.7	0.0	31.6

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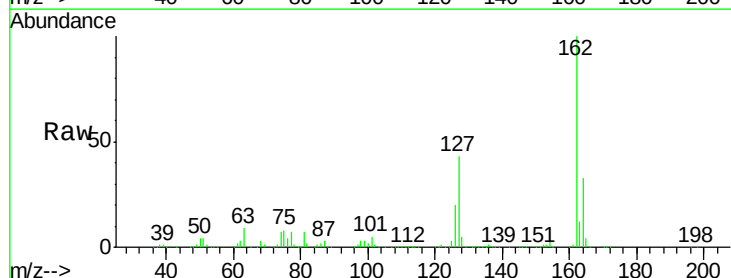


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

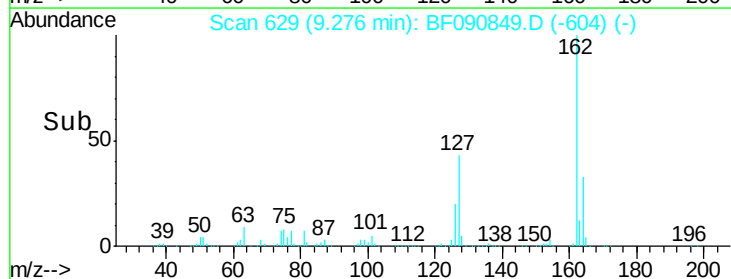
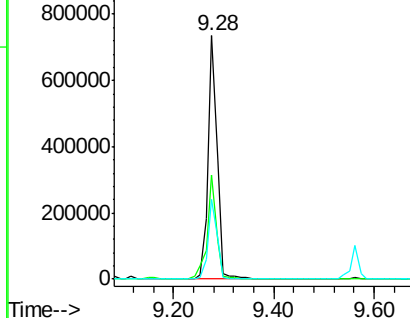


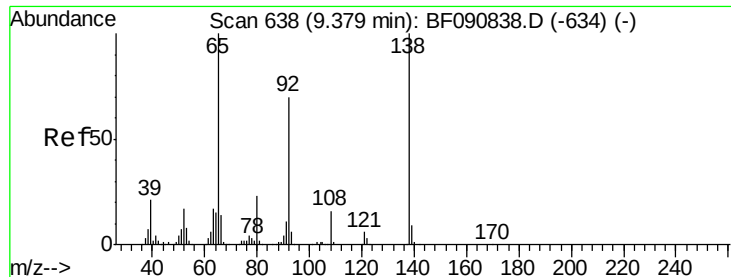
#46
2-Chloronaphthalene
Concen: 41.47 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.8	27.6	41.4#
164	32.8	25.4	38.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





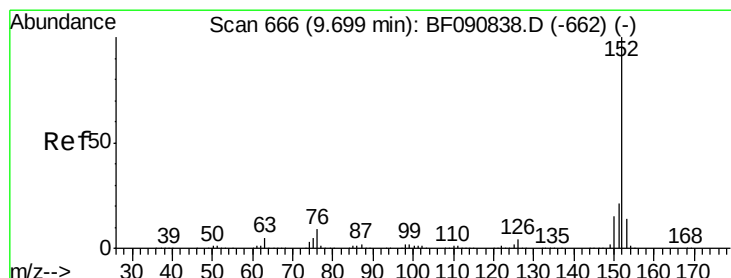
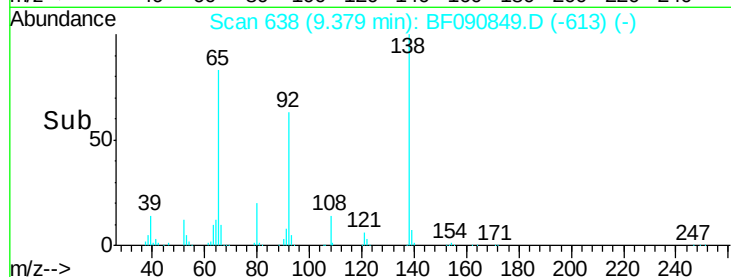
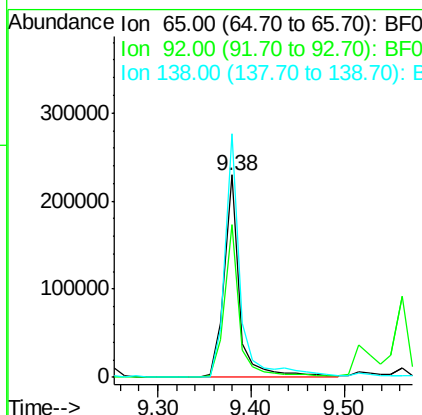
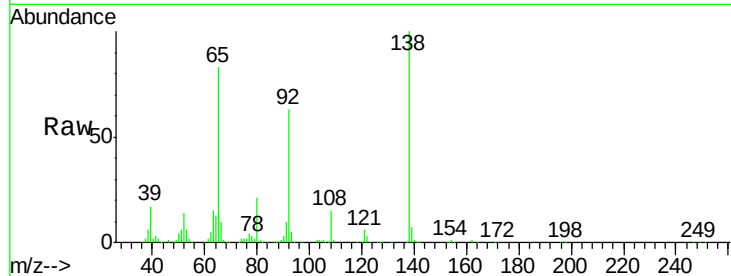
#47
2-Nitroaniline
Concen: 41.66 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Instrument :
BNA_F
ClientSampleId :
PB94315BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.7	55.4	83.0
138	120.3	115.5	173.3

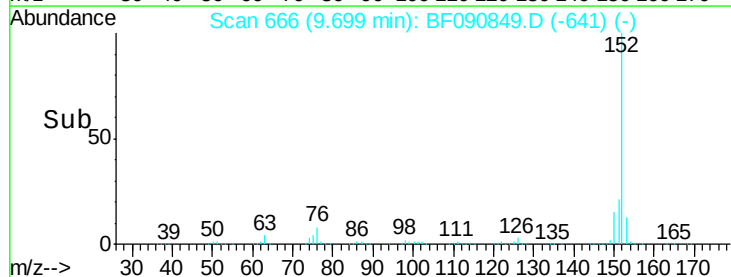
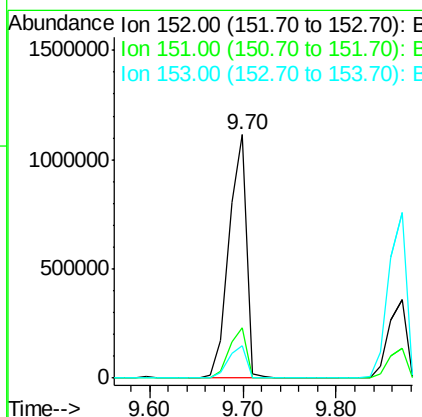
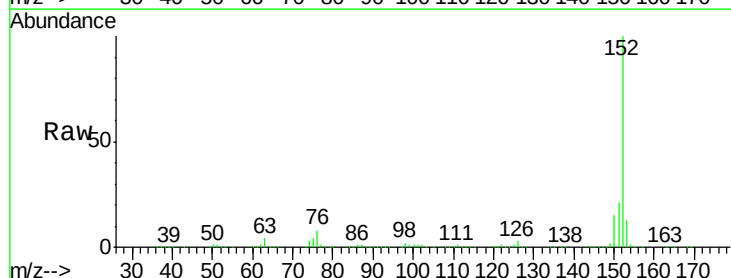
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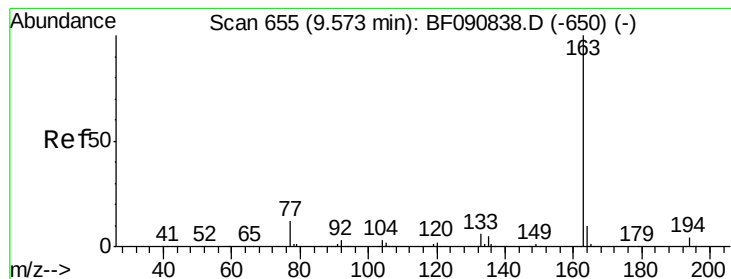
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#48
Acenaphthylene
Concen: 43.25 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	14.6	22.0
153	13.1	10.3	15.5





#49

Dimethylphthalate

Concen: 37.96 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

PB94315BS

Tot Ion:163 Resp: 1037116

Ion Ratio Lower Upper

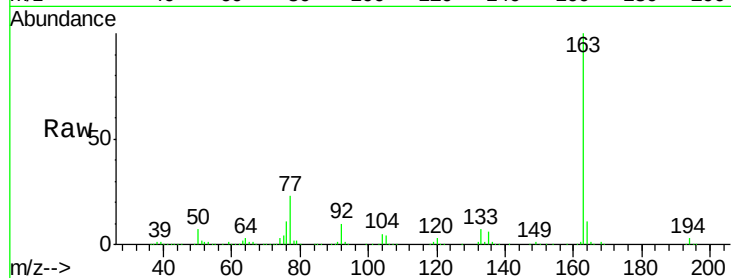
163 100

194 3.4 4.4 6.6#

164 10.6 8.3 12.5

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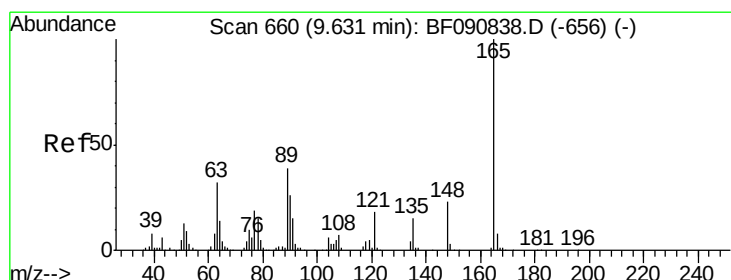
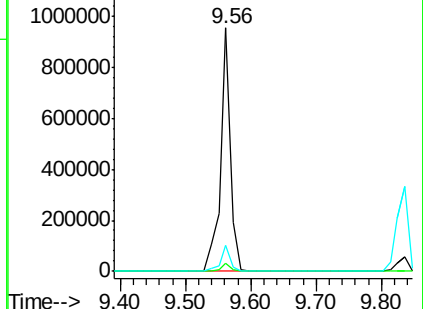
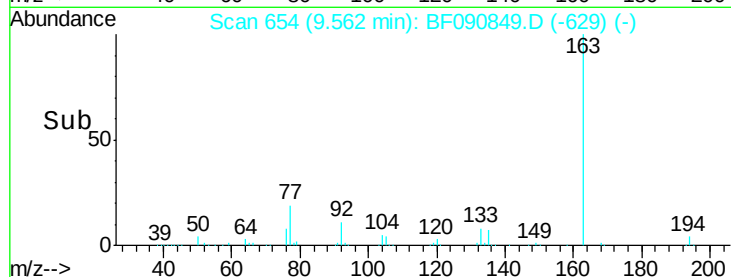
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.82 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

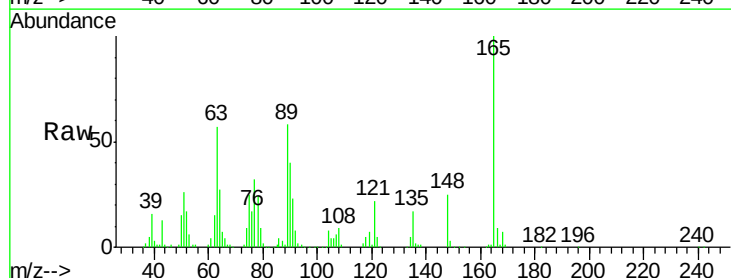
Tgt Ion:165 Resp: 234253

Ion Ratio Lower Upper

165 100

63 57.5 32.3 48.5#

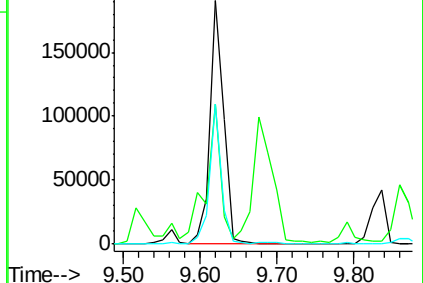
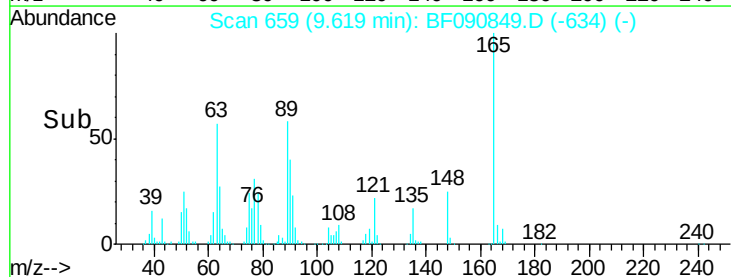
89 57.5 28.6 43.0#

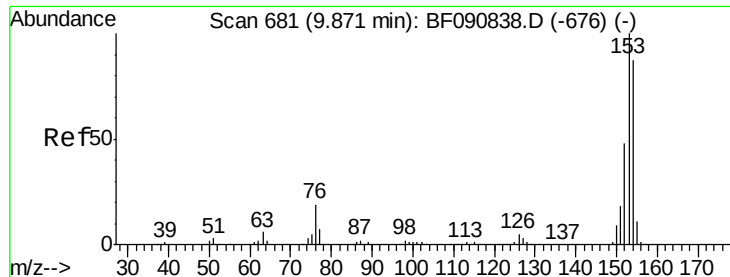


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.87 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

PB94315BS

Tot Ion:154 Resp: 1025010

Ion Ratio Lower Upper

154 100

153 112.5 82.1 123.1

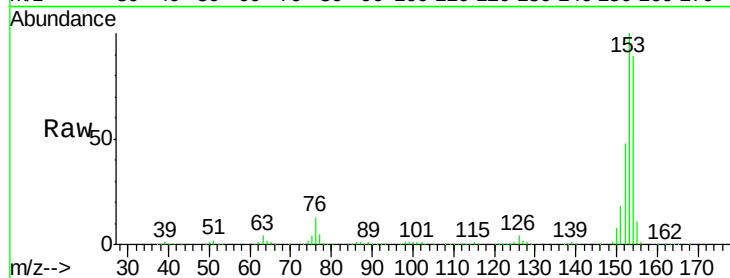
152 53.8 37.9 56.9

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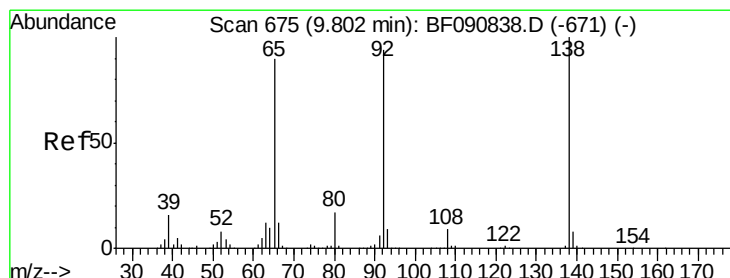
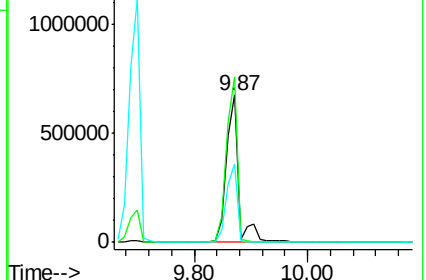
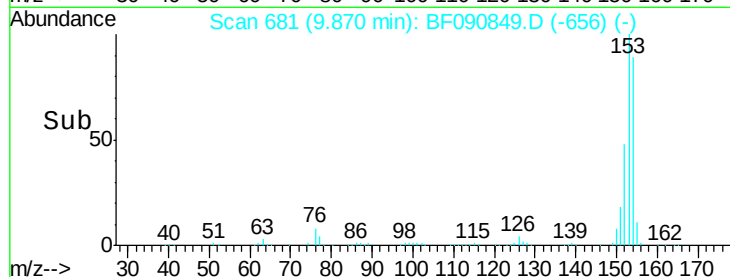
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.34 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

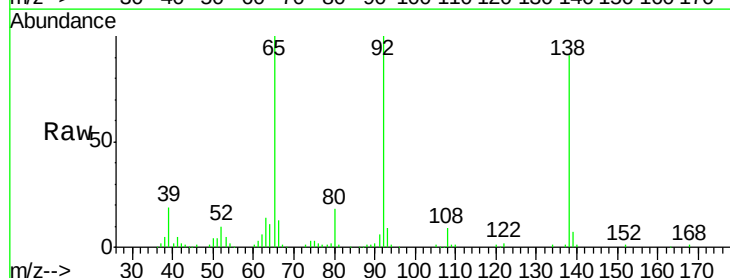
Tgt Ion:138 Resp: 137071

Ion Ratio Lower Upper

138 100

108 9.6 5.7 8.5#

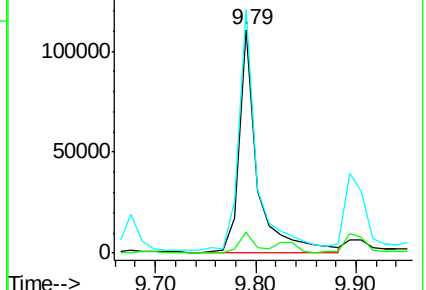
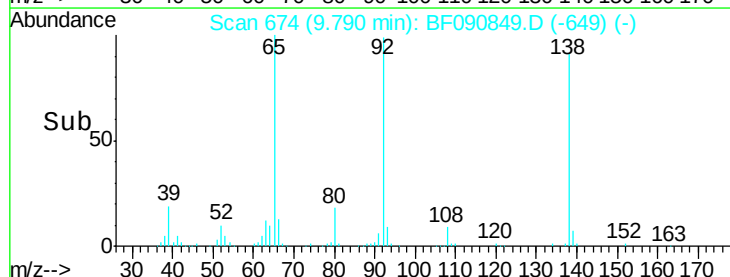
92 109.1 67.7 101.5#

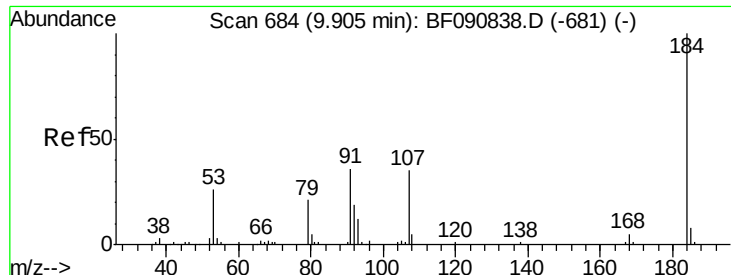


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





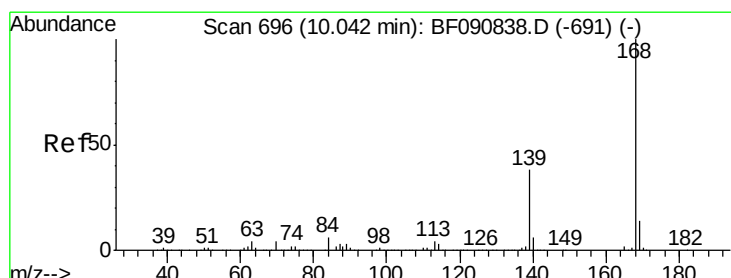
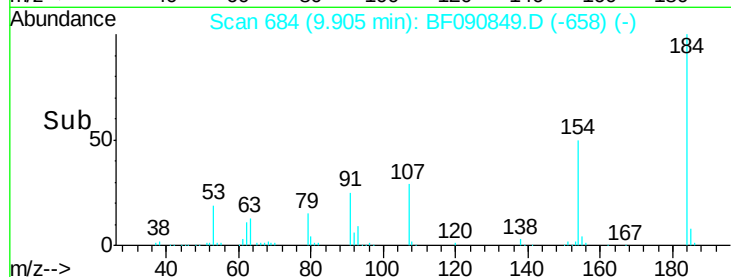
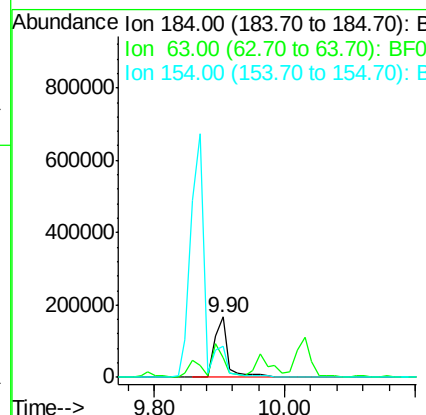
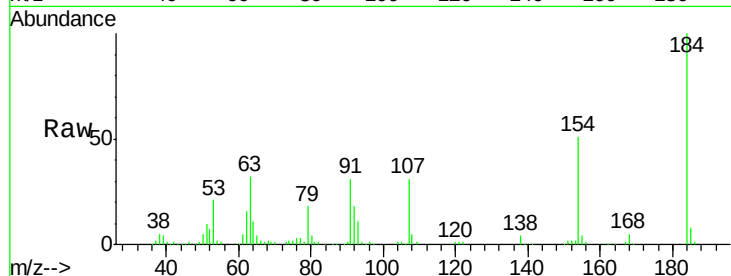
#53
 2,4-Dinitrophenol
 Concen: 77.28 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Instrument :
 BNA_F
 ClientSampleId :
 PB94315BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	245472		
63	32.3	35.4	53.2#	
154	50.6	32.2	48.4#	

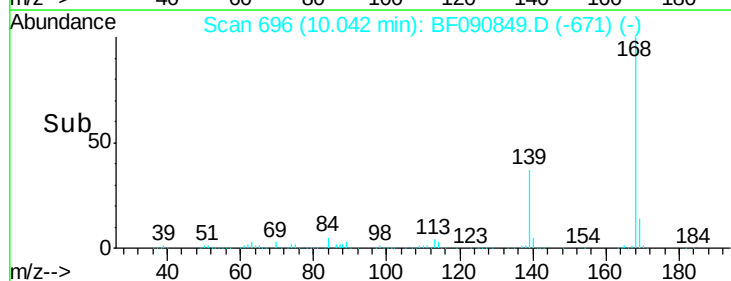
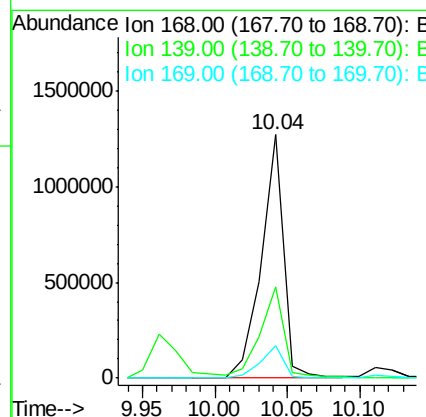
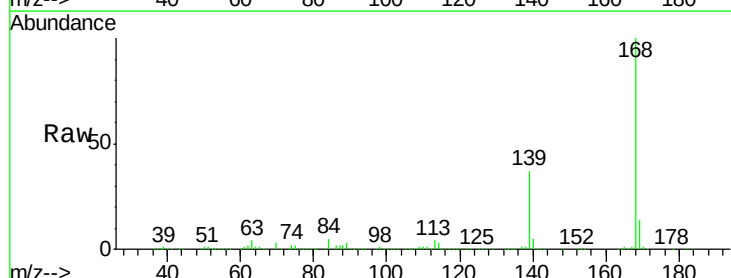
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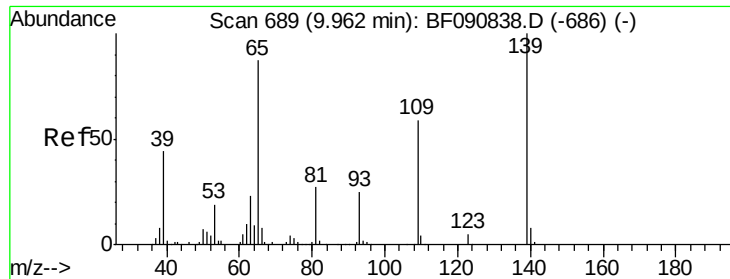
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#54
 Dibenzofuran
 Concen: 44.84 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1351906		
139	37.3	24.2	36.2#	
169	13.5	10.6	15.8	





#55

4-Nitrophenol

Concen: 83.89 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

PB94315BS

Tot Ion:139 Resp: 328628
Ion Ratio Lower Upper

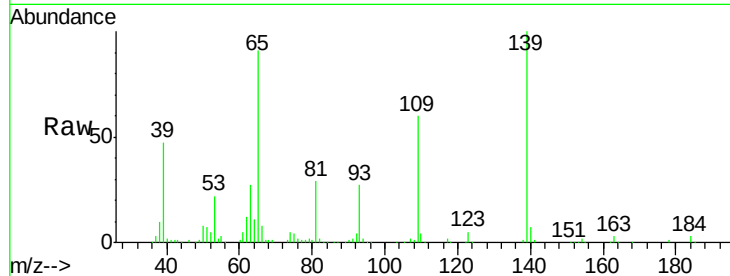
139 100

109 60.4 12.7 52.7#

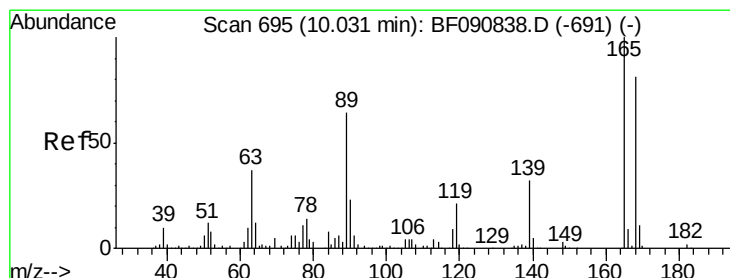
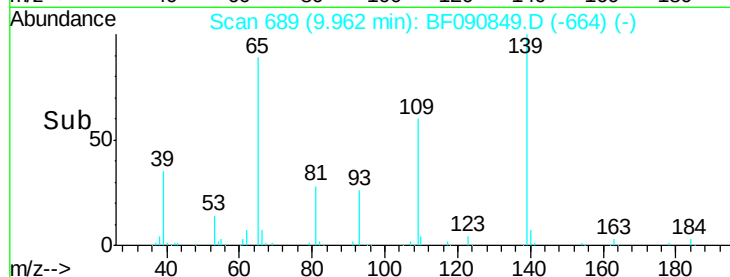
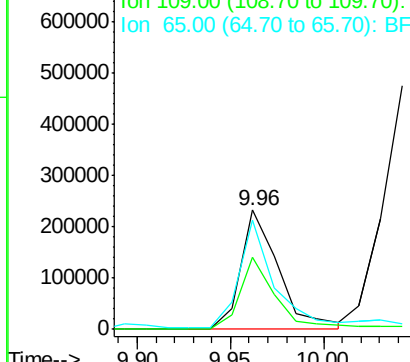
65 91.4 45.9 85.9#

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.53 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

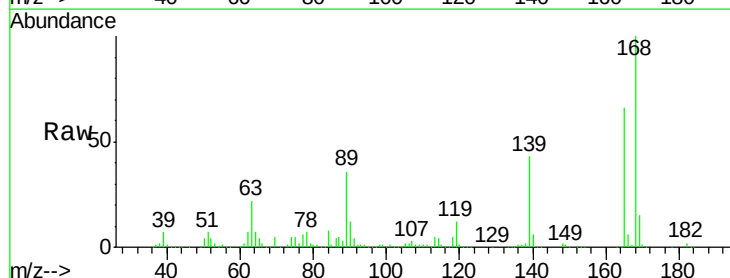
Tgt Ion:165 Resp: 356244
Ion Ratio Lower Upper

165 100

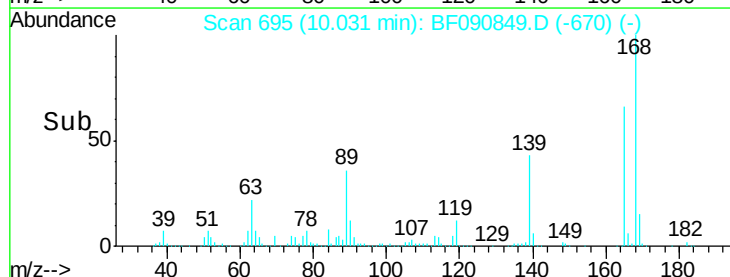
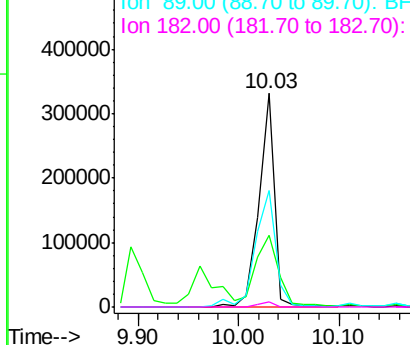
63 33.8 29.8 44.6

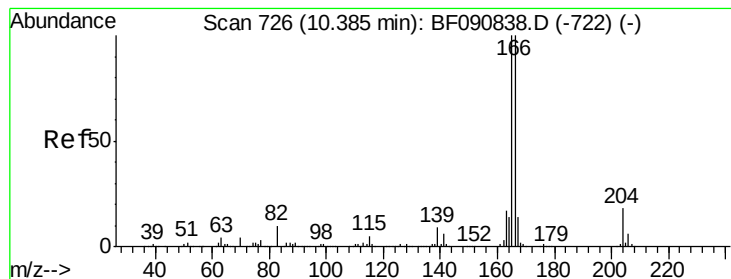
89 54.8 44.5 66.7

182 2.4 3.0 4.4#



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.78 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

PB94315BS

Tot Ion:166 Resp: 1056614

Ion Ratio Lower Upper

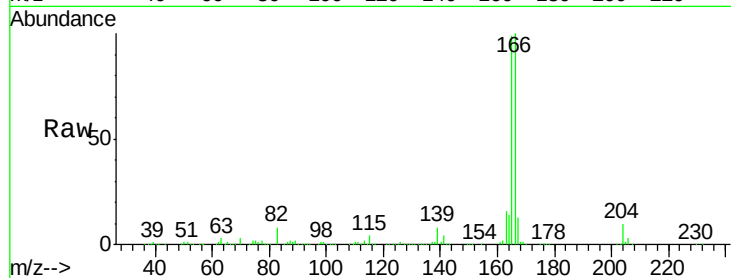
166 100

165 99.4 72.6 109.0

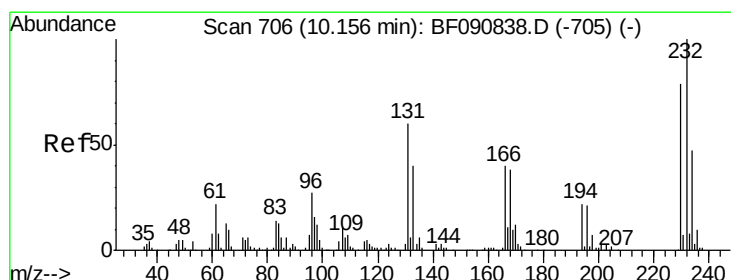
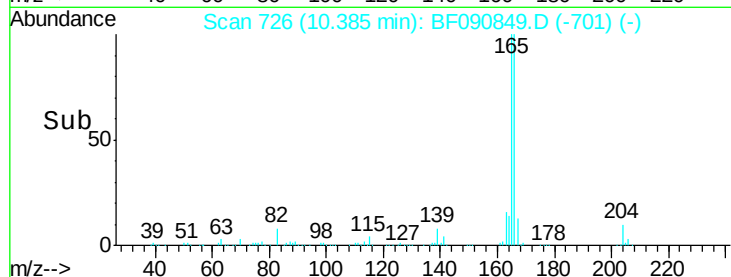
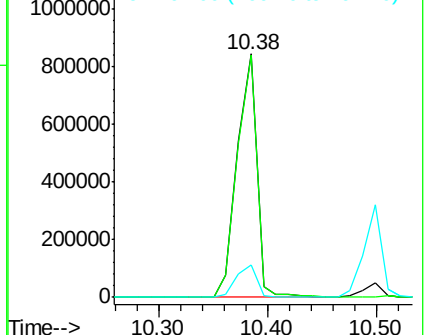
167 13.5 10.6 16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.58 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Tgt Ion:232 Resp: 276975

Ion Ratio Lower Upper

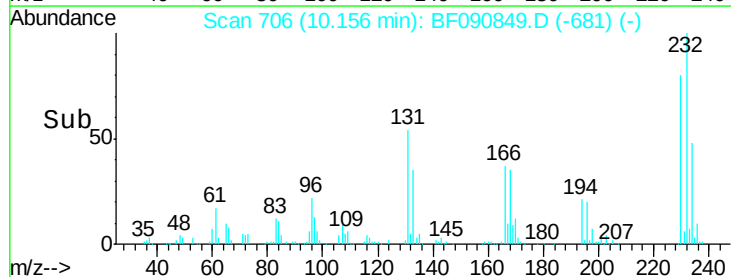
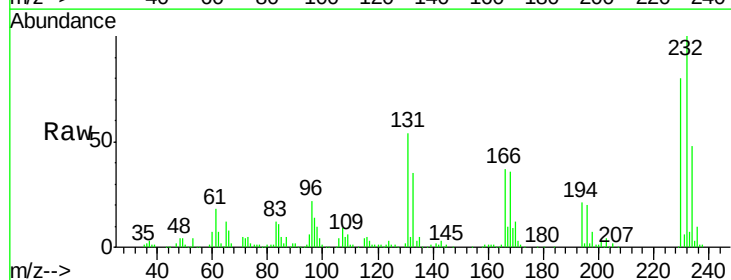
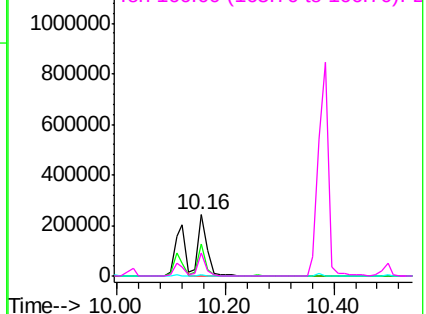
232 100

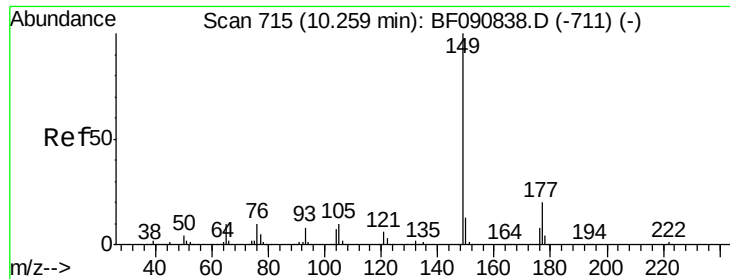
131 45.4 38.5 57.7

130 2.0 1.8 2.6

166 31.0 25.0 37.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





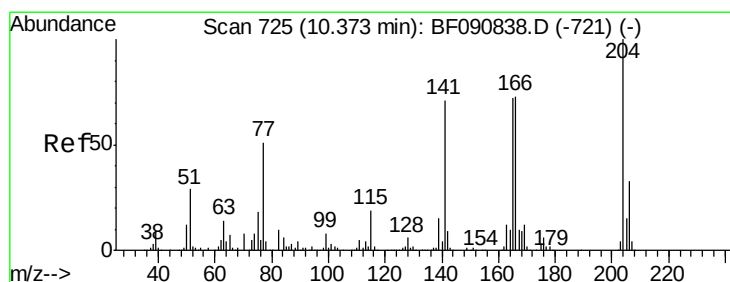
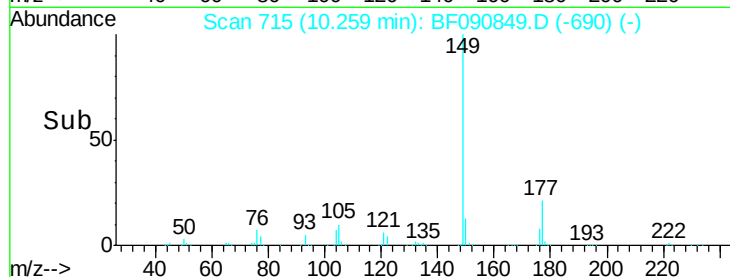
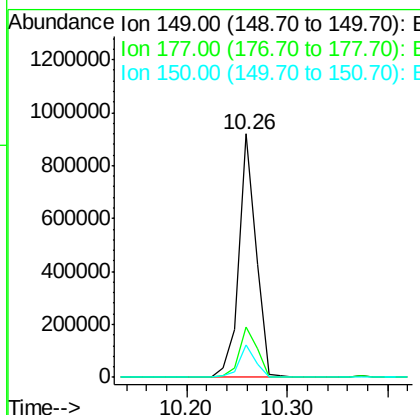
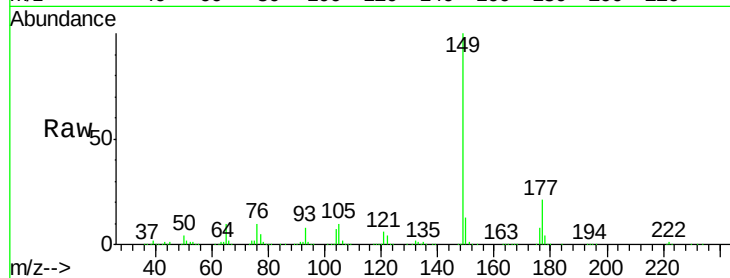
#59
Diethylphthalate
Concen: 40.00 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Instrument :
BNA_F
ClientSampleId :
PB94315BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.5	26.3
150	13.1	9.4	14.2

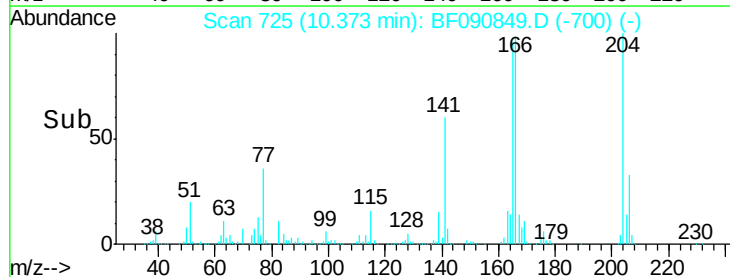
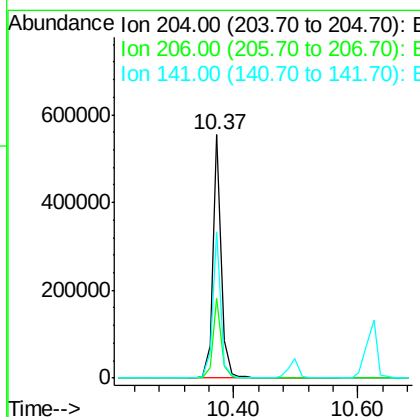
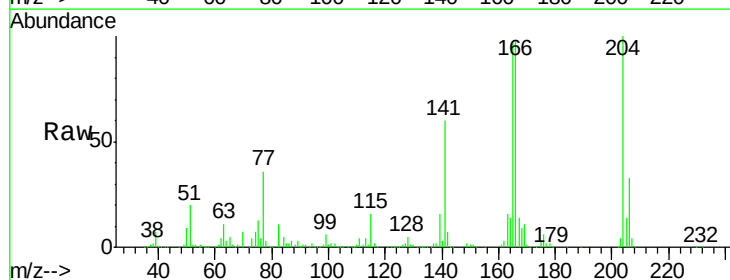
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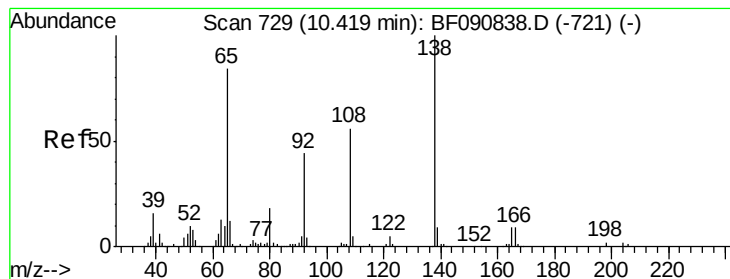
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#60
4-Chlorophenyl-phenylether
Concen: 42.26 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	24.8	37.2
141	60.1	42.2	63.4





#61

4-Nitroaniline

Concen: 38.20 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

PB94315BS

Tot Ion: 138 Resp: 243012

Ion Ratio Lower Upper

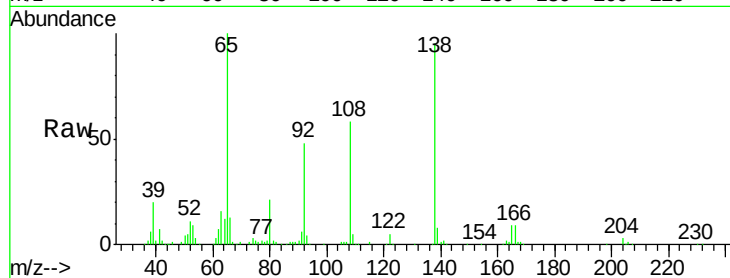
138 100

92 50.4 12.6 52.6

108 61.1 12.4 52.4#

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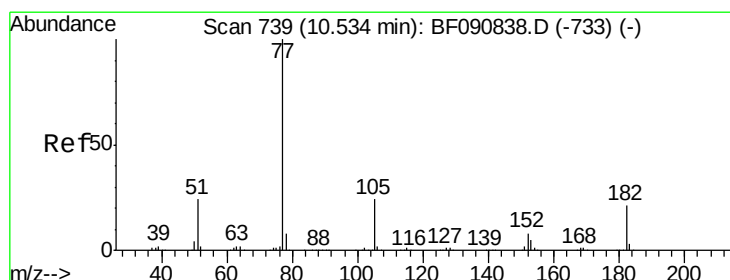
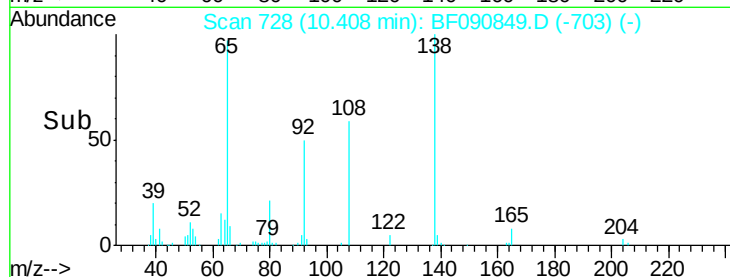
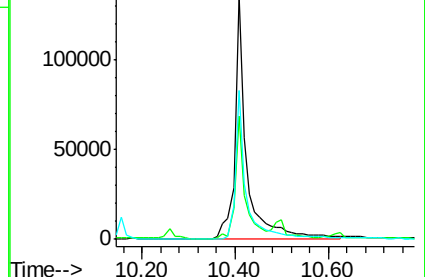
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.89 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Tgt Ion: 77 Resp: 1091151

Ion Ratio Lower Upper

77 100

182 24.7 15.1 55.1

105 25.5 3.4 43.4

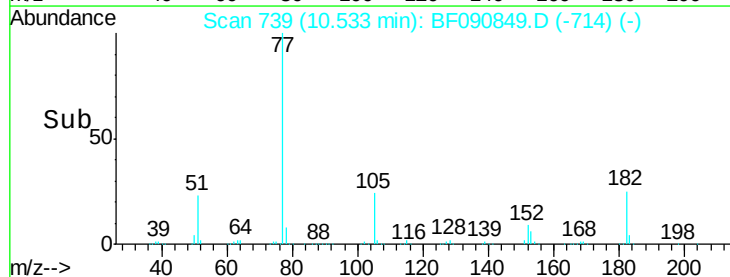
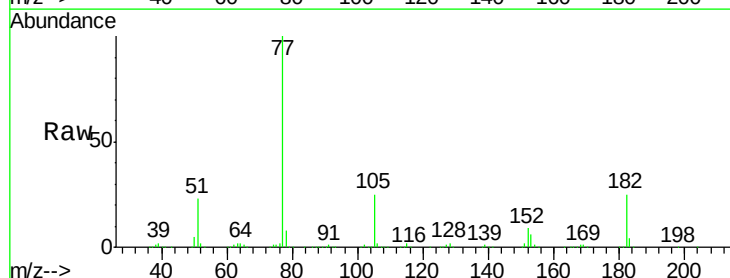
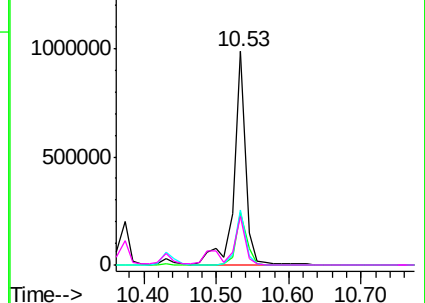
51 23.0 12.0 52.0

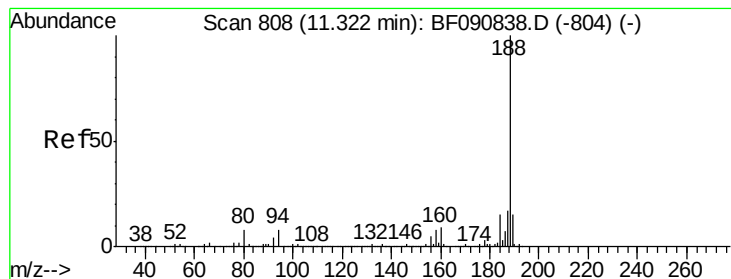
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

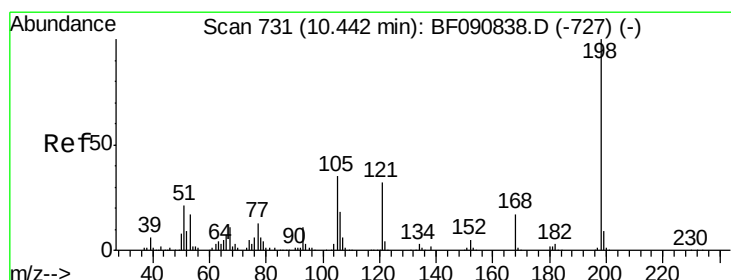
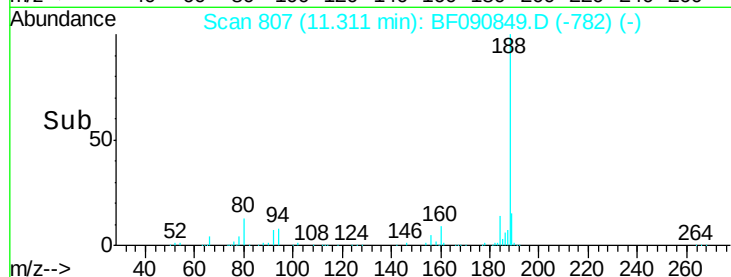
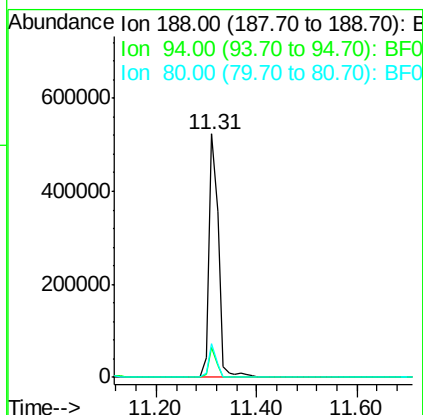
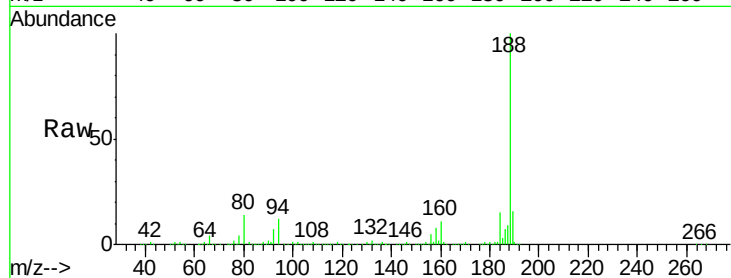
ClientSampleId :

PB94315BS

Tot Ion:	188	Resp:	679879
Ion Ratio	Lower	Upper	
188	100		
94	12.4	11.1	16.7
80	13.7	11.0	16.4

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#64

4,6-Dinitro-2-methylphenol

Concen: 36.52 ng

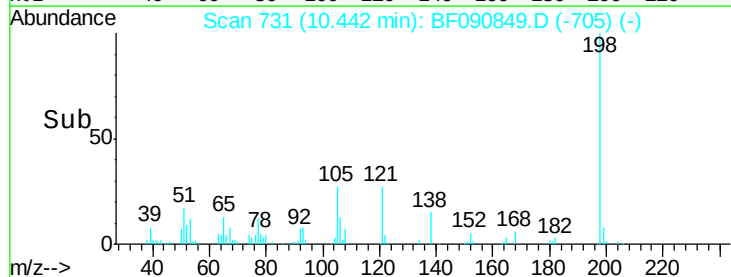
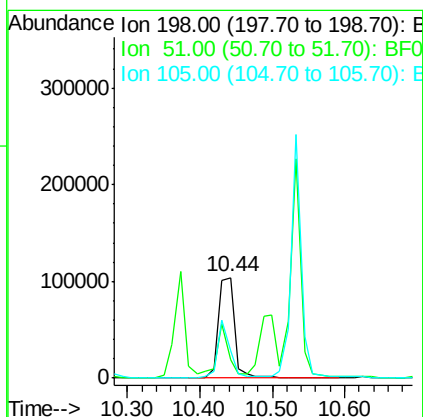
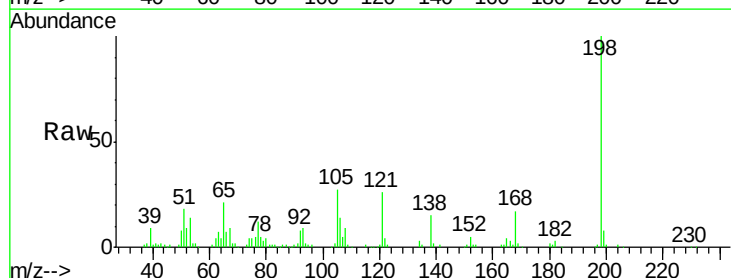
RT: 10.44 min Scan# 731

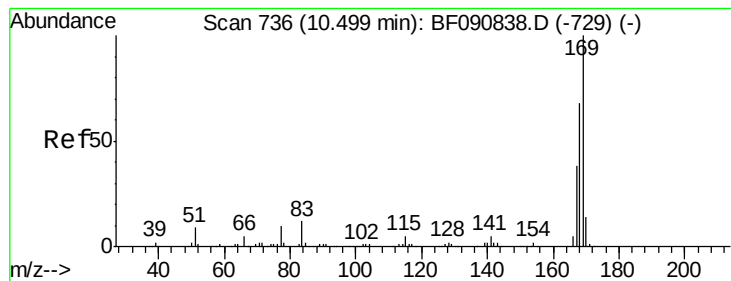
Delta R.T. -0.00 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Tgt Ion:	198	Resp:	164621
Ion Ratio	Lower	Upper	
198	100		
51	17.7	39.6	79.6#
105	26.6	28.5	68.5#





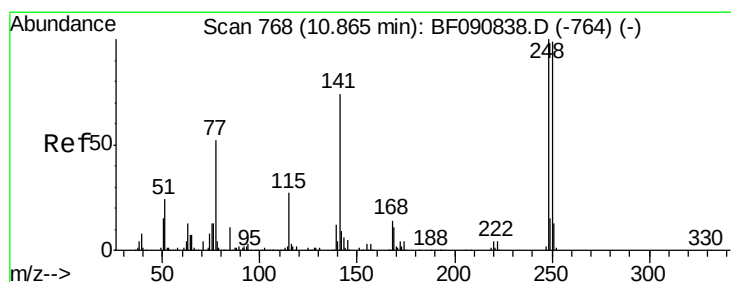
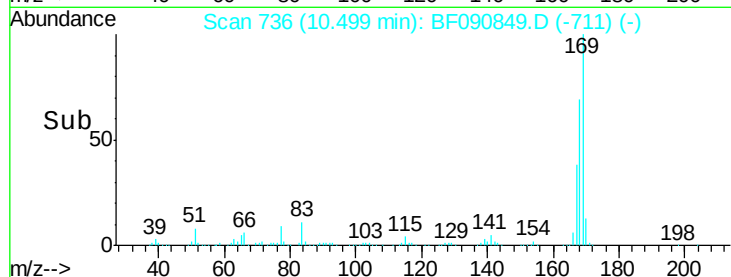
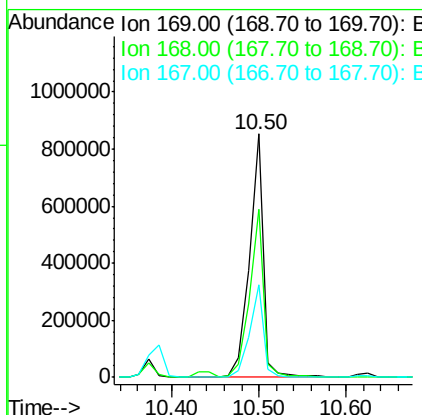
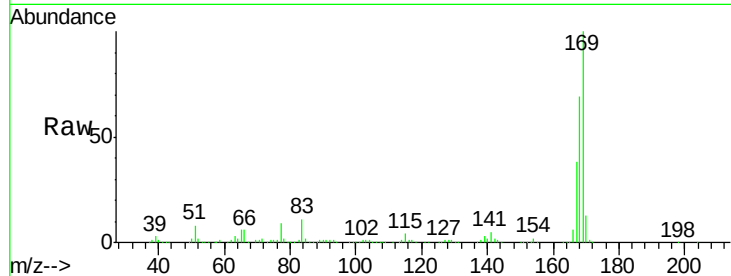
#65
n-Nitrosodiphenylamine
Concen: 46.00 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Instrument :
BNA_F
ClientSampleId :
PB94315BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.1	48.9	73.3	
167	37.8	26.2	39.4	

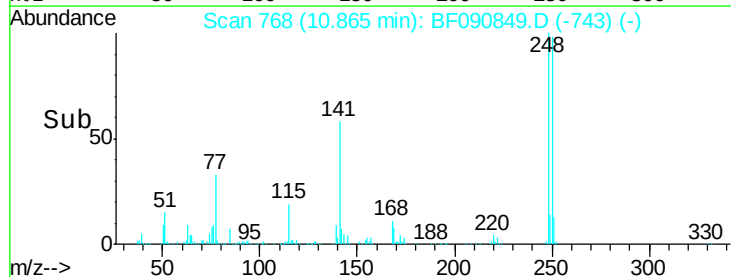
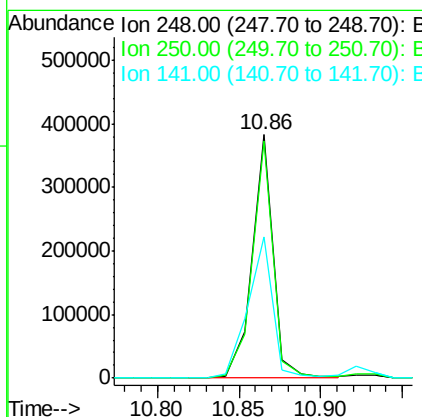
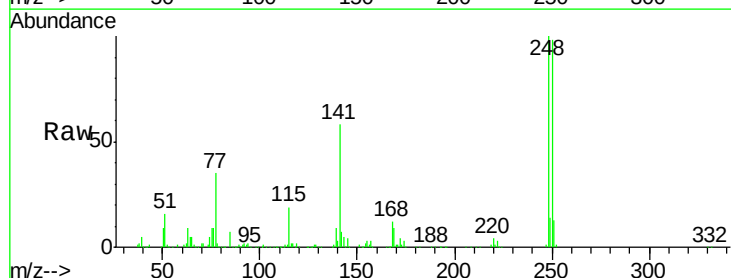
Manual Integrations
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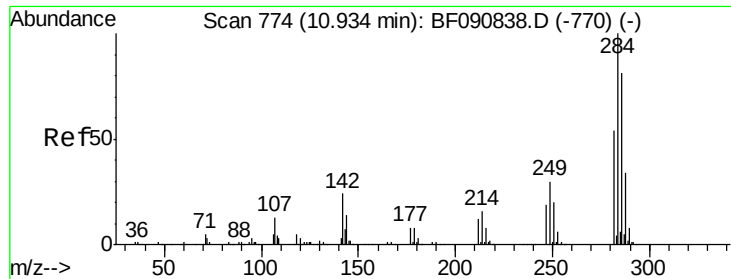
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#66
4-Bromophenyl-phenylether
Concen: 46.03 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.6	78.5	117.7	
141	57.8	59.0	88.6	





#67

Hexachlorobenzene

Concen: 43.10 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

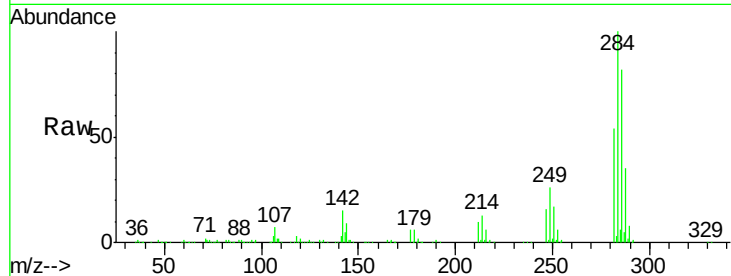
ClientSampleId :

PB94315BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	379807		
142	15.1	29.5	44.3#	
249	26.5	19.5	29.3	

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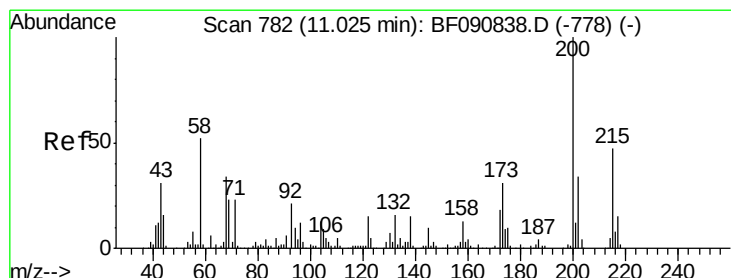
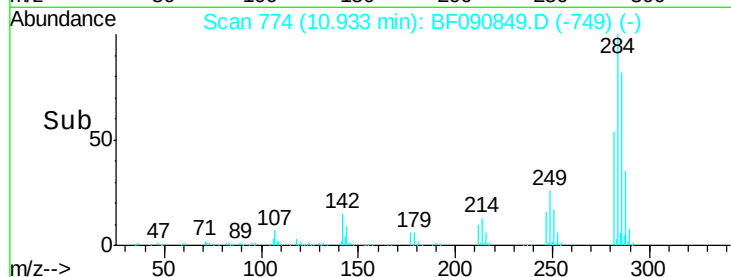
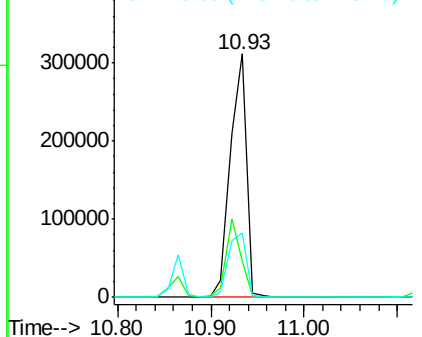
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.38 ng

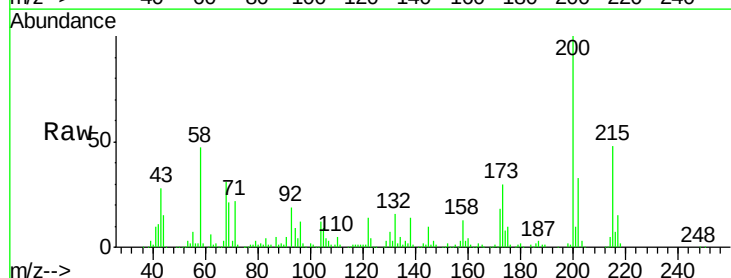
RT: 11.02 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

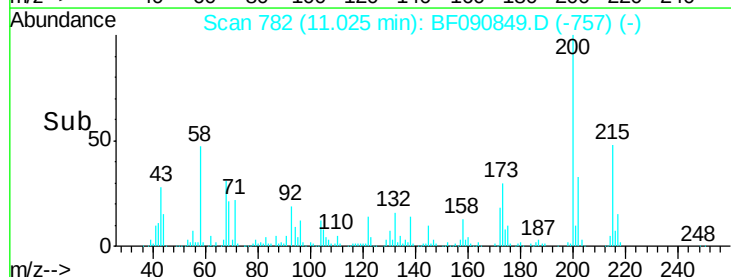
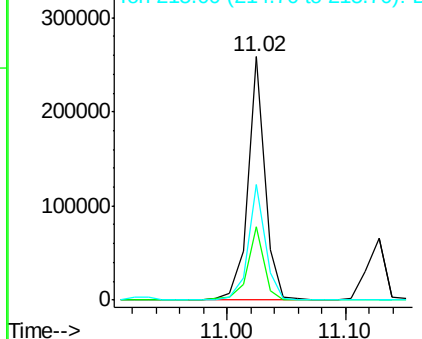
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	260115		
173	30.2	13.2	53.2	
215	47.6	41.8	81.8	

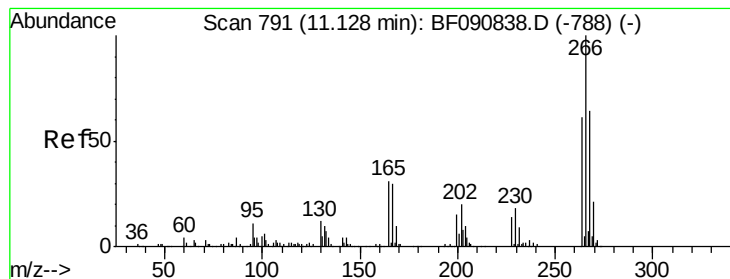


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 87.48 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

PB94315BS

Tot Ion:266 Resp: 413521

Ion Ratio Lower Upper

266 100

268 65.0 49.8 74.6

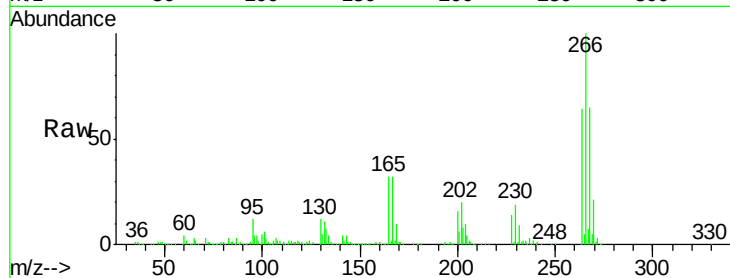
264 63.7 50.2 75.2

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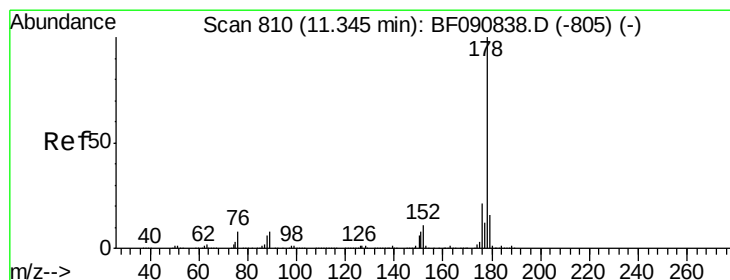
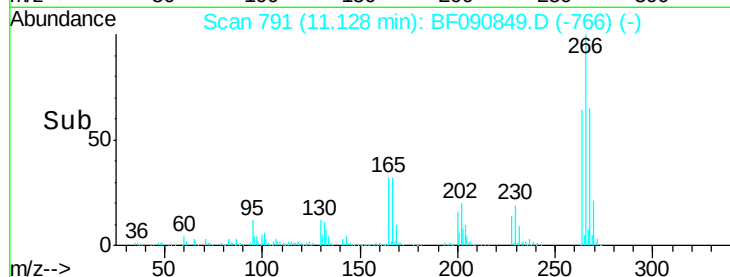
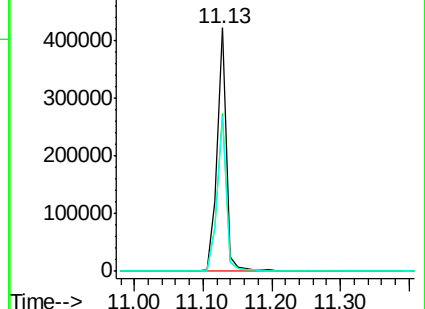
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 46.90 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

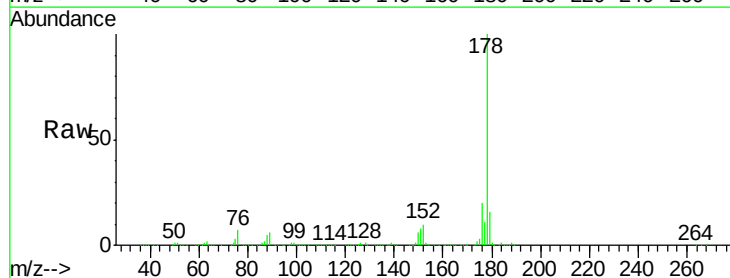
Tgt Ion:178 Resp: 1623711

Ion Ratio Lower Upper

178 100

176 20.2 13.8 20.8

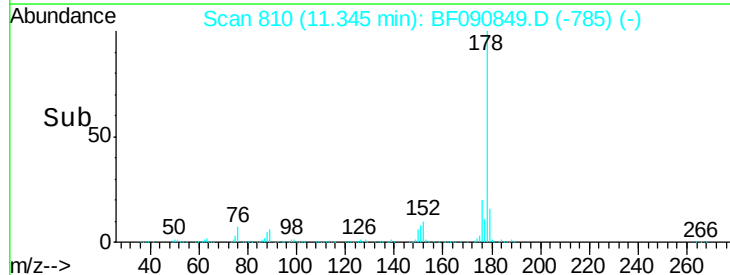
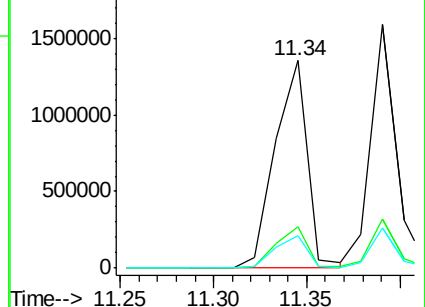
179 15.8 12.2 18.2

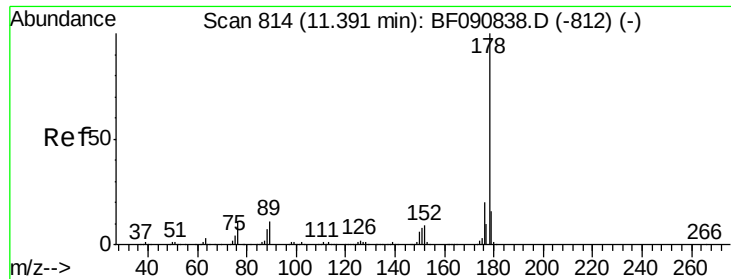


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.66 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

PB94315BS

Tot Ion:178 Resp: 1555423

Ion Ratio Lower Upper

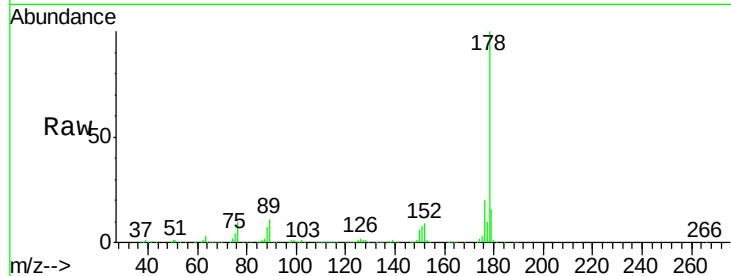
178 100

176 20.0 14.1 21.1

179 16.3 12.2 18.2

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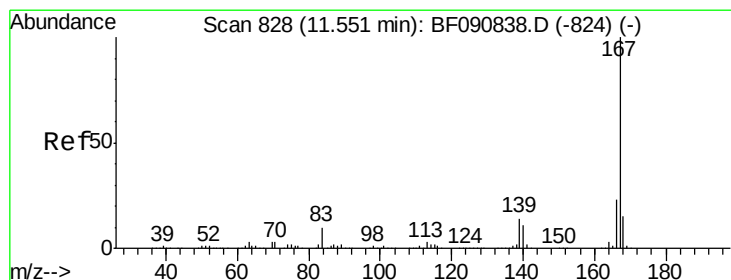
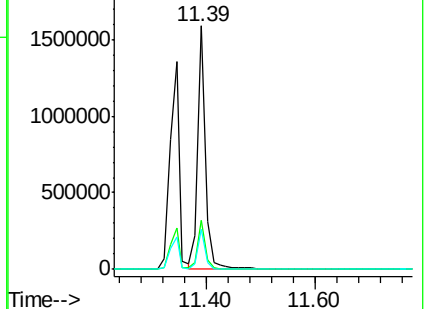
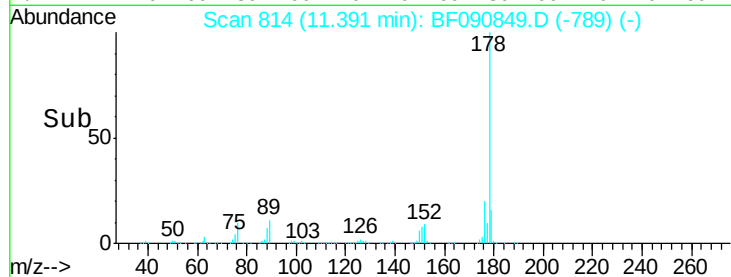
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.23 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

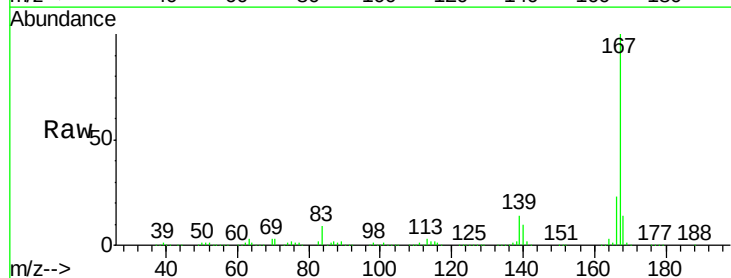
Tgt Ion:167 Resp: 1488374

Ion Ratio Lower Upper

167 100

166 23.0 15.7 23.5

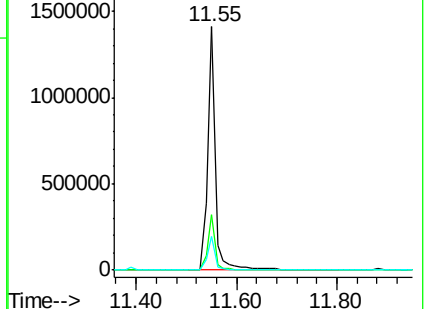
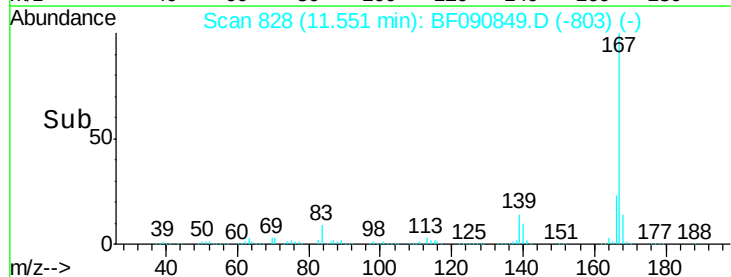
139 13.9 9.5 14.3

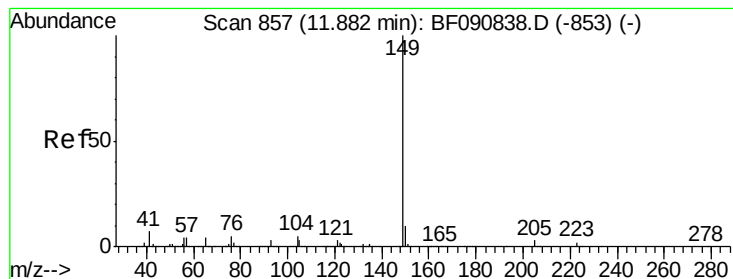


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





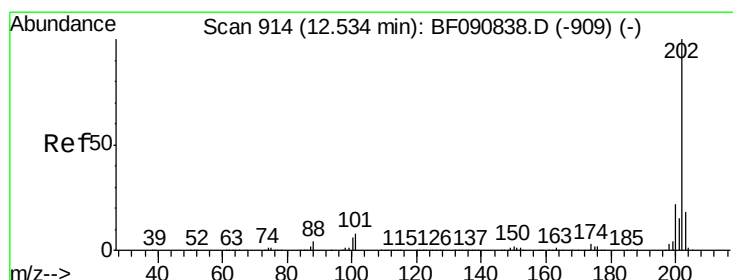
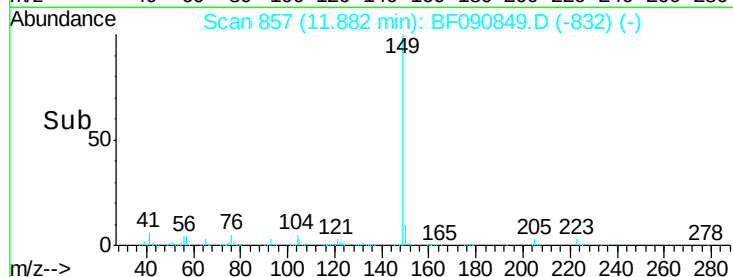
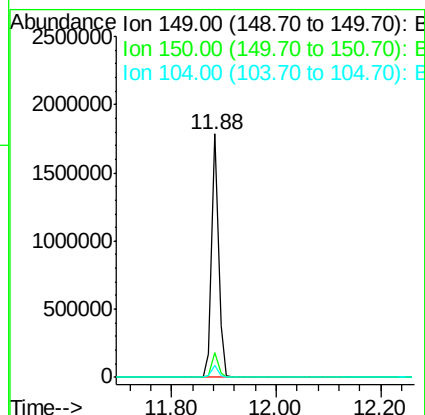
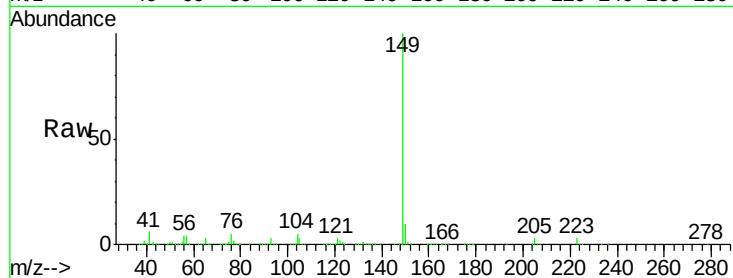
#73
Di-n-butylphthalate
Concen: 39.19 ng
RT: 11.88 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Instrument :
BNA_F
ClientSampleId :
PB94315BS

Tot Ion:149 Resp: 1626641
Ion Ratio Lower Upper
149 100
150 9.9 7.4 11.2
104 5.1 2.4 3.6#

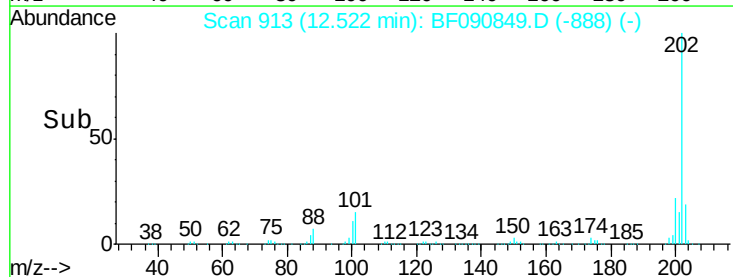
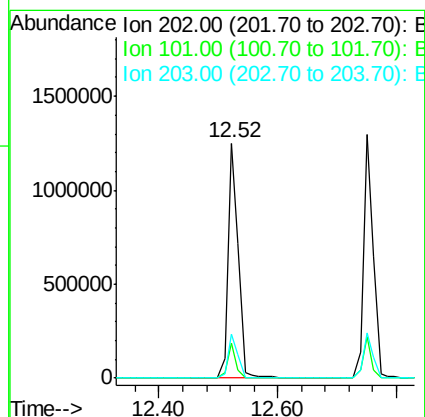
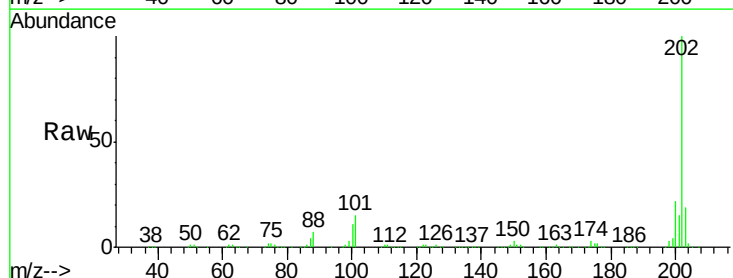
Manual Integrations
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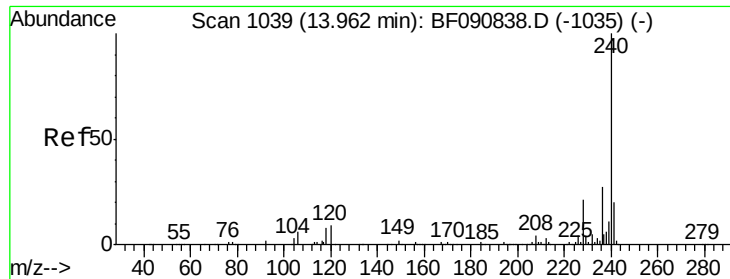
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#74
Fluoranthene
Concen: 39.36 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tgt Ion:202 Resp: 1492455
Ion Ratio Lower Upper
202 100
101 14.7 0.0 38.3
203 18.6 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

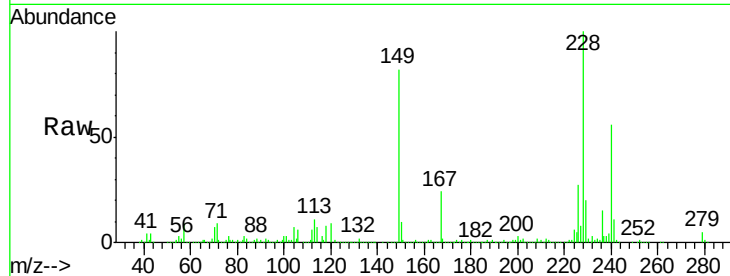
ClientSampled :

PB94315BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.6	16.2	24.2#
236	26.2	18.4	27.6

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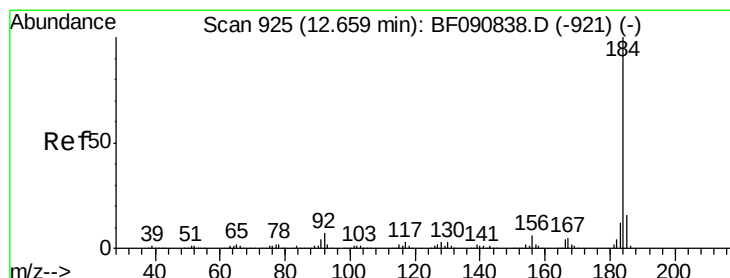
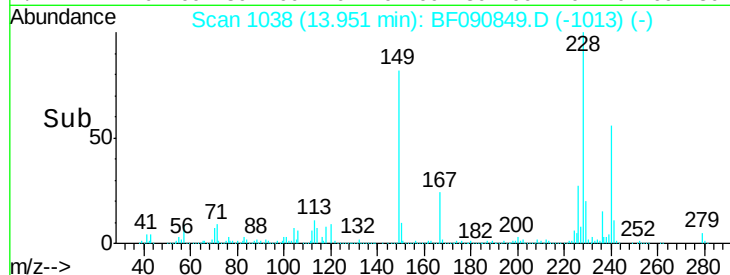
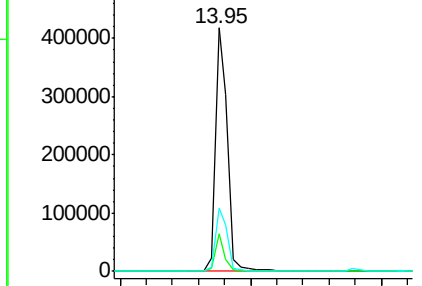
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.59 ng

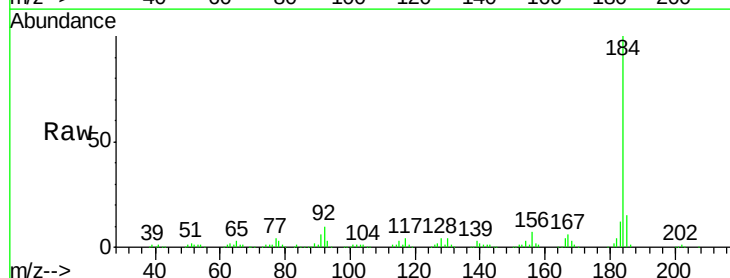
RT: 12.65 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

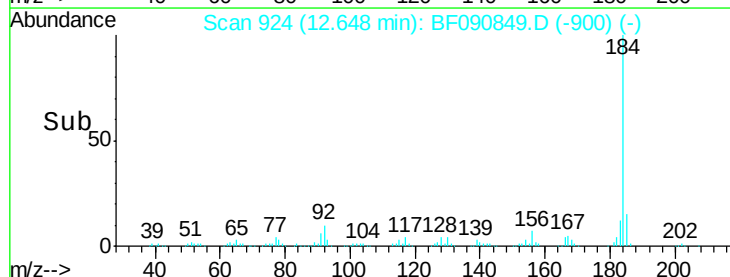
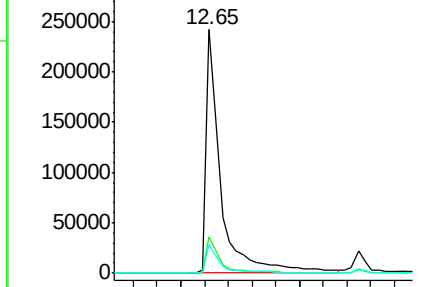
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.6
183	11.7	7.6	11.4#

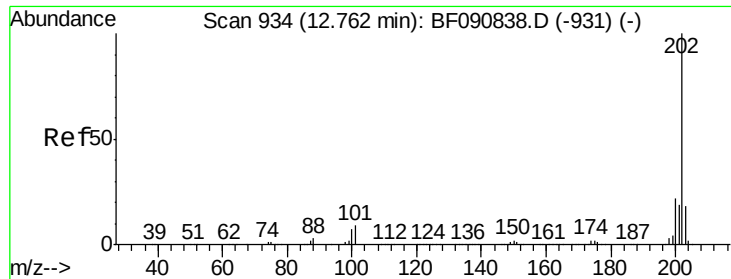


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





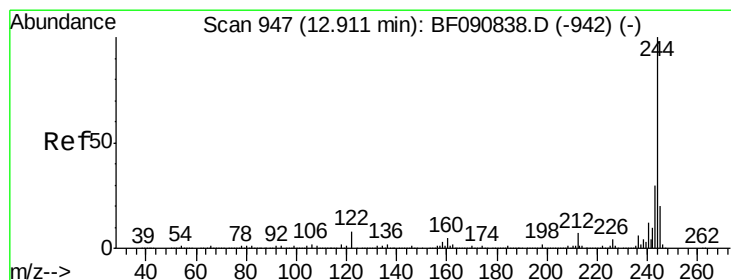
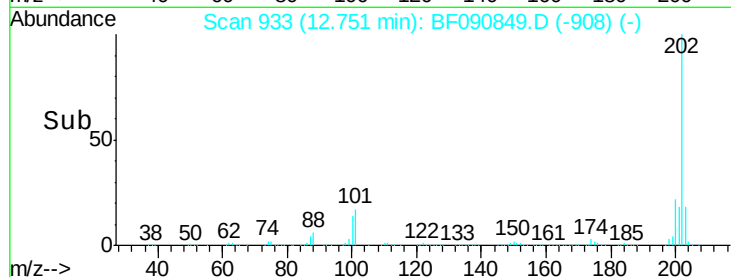
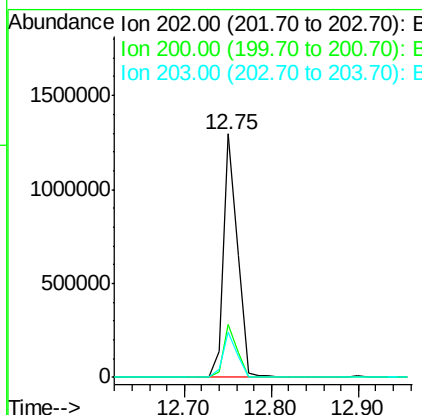
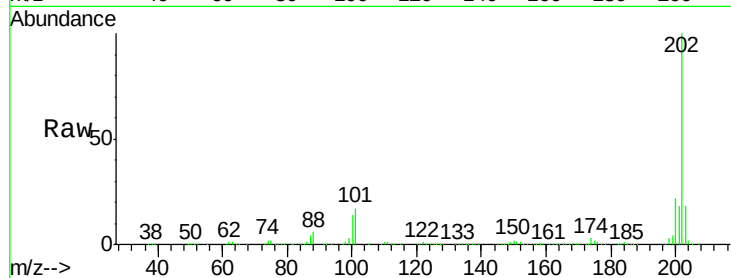
#77
Pvrene
Concen: 42.40 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Instrument :
BNA_F
ClientSampleId :
PB94315BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	15.0	22.4
203	18.4	14.1	21.1

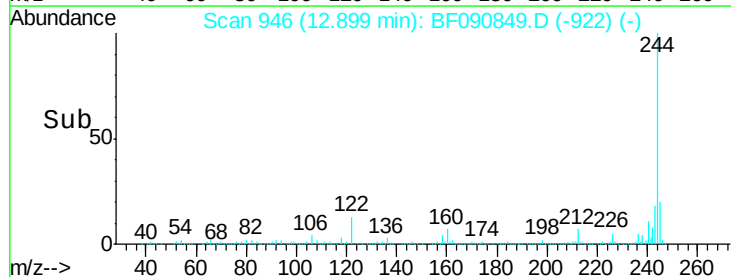
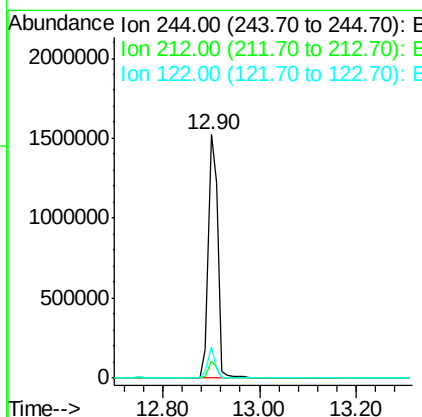
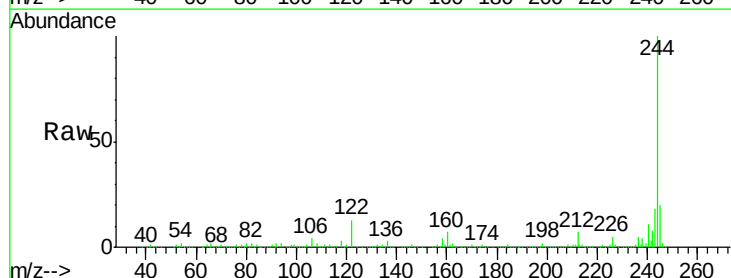
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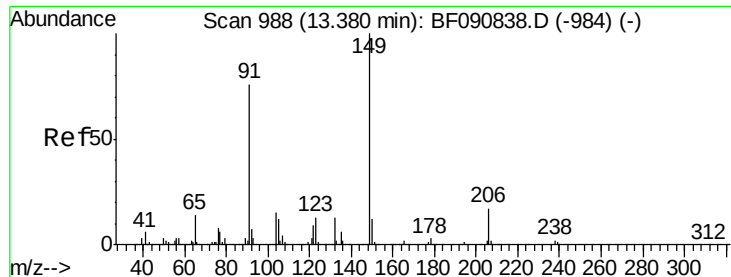
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#78
Terphenyl-d14
Concen: 96.92 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.3	6.5#
122	12.9	17.4	26.2#





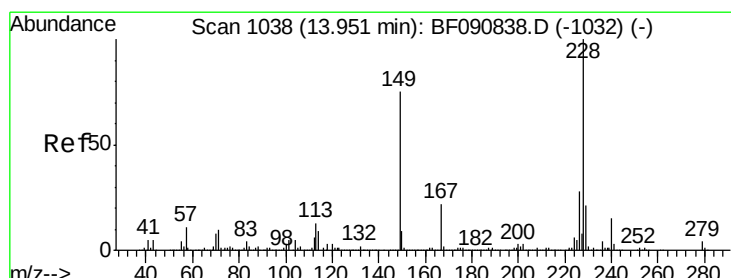
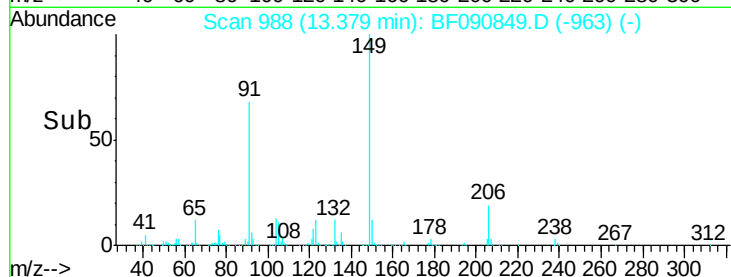
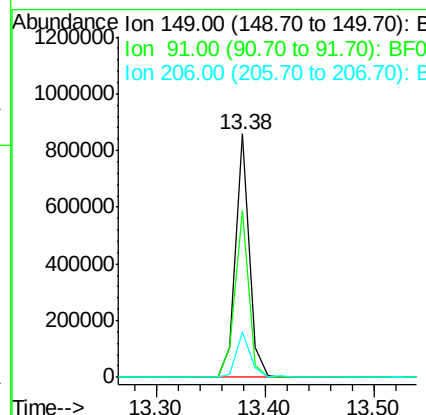
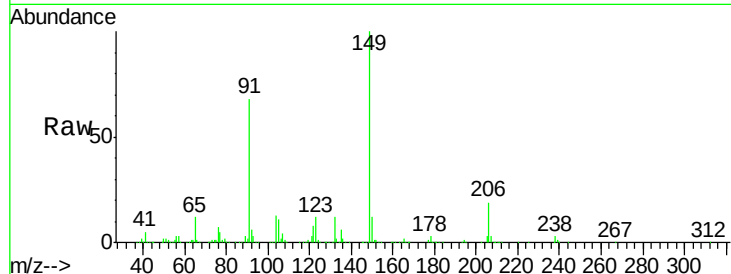
#79
Butylbenzylphthalate
Concen: 47.32 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Instrument :
BNA_F
ClientSampleID :
PB94315BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		742483		
91	68.4	48.6	72.8		
206	18.8	14.9	22.3		

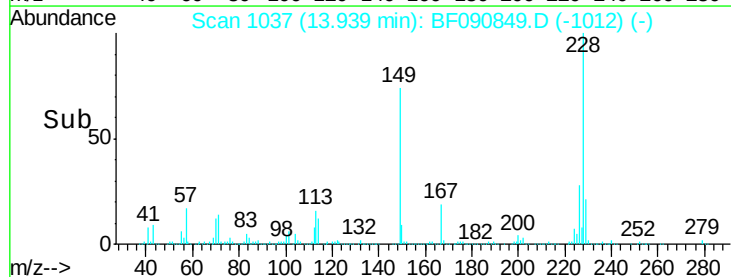
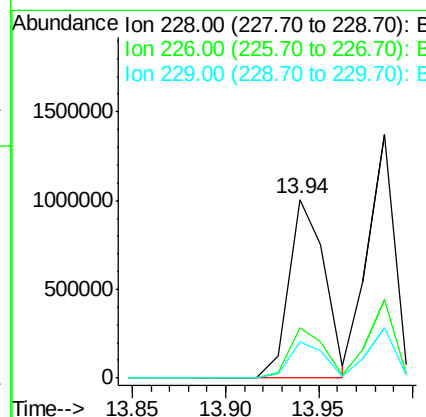
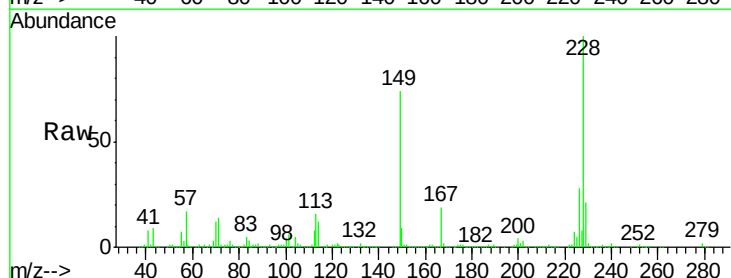
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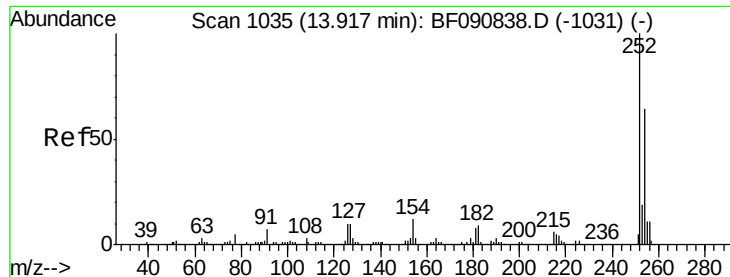
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#80
Benzo(a)anthracene
Concen: 46.11 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090849.D
Acq: 26 Oct 2016 19:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		1337353		
226	28.3	20.0	30.0		
229	20.6	15.4	23.2		





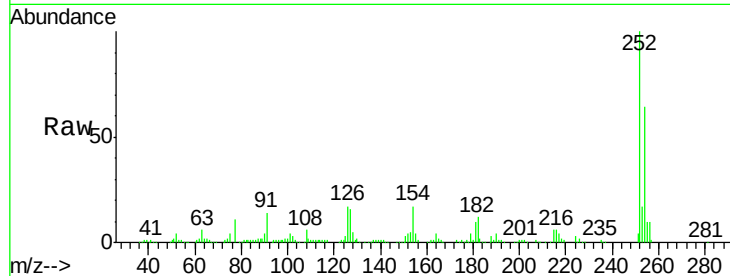
#81
 3,3'-Dichlorobenzidine
 Concen: 25.84 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Instrument :
 BNA_F
 ClientSampled :
 PB94315BS

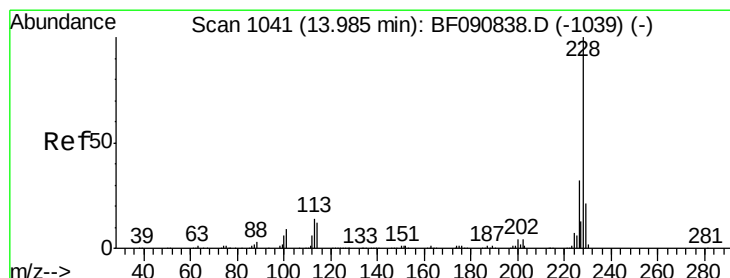
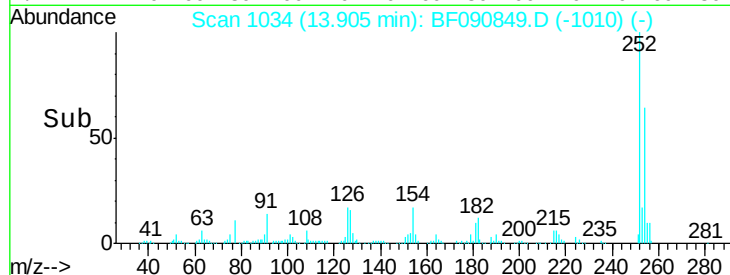
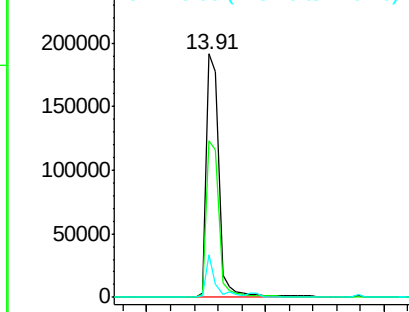
Tot Ion	Ratio	Resp	Lower	Upper
252	100	290954		
254	64.2		51.4	77.2
126	17.3		16.4	24.6

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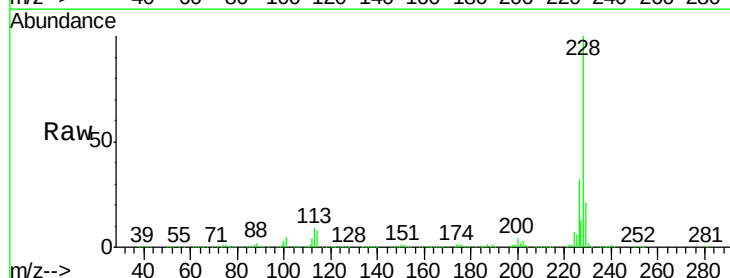


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

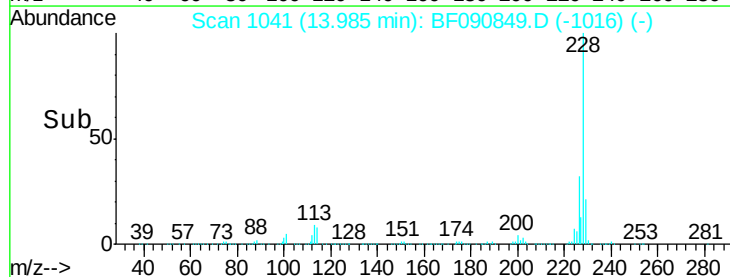
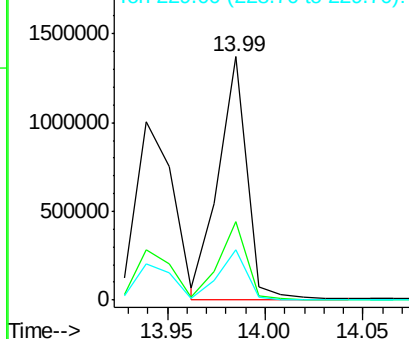


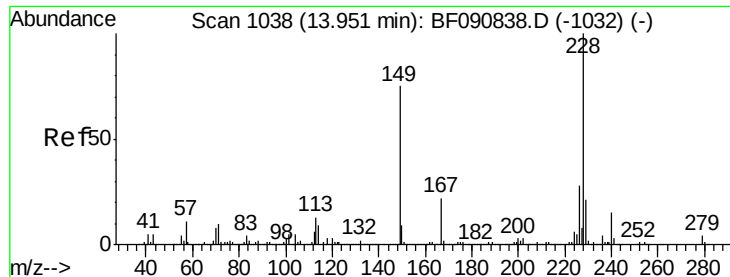
#82
 Chrysene
 Concen: 48.07 ng m
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1410183		
226	32.2		21.0	31.4#
229	20.8		15.6	23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.42 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

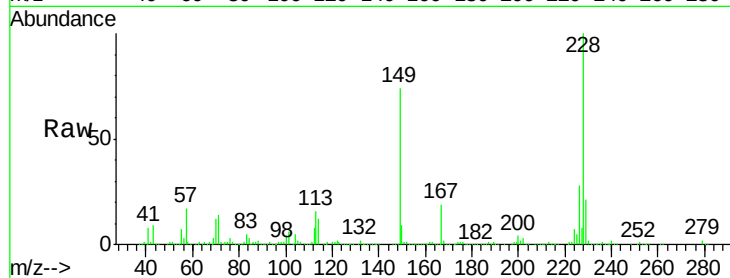
PB94315BS

Tot Ion:149 Resp: 969077
Ion Ratio Lower Upper

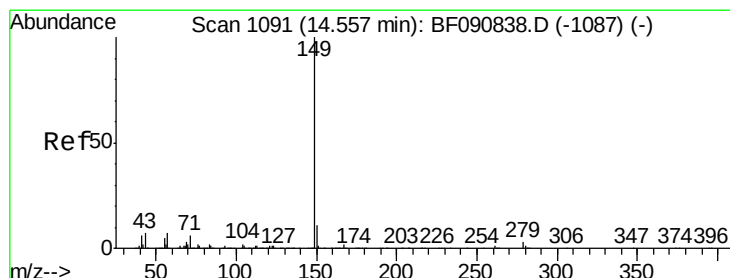
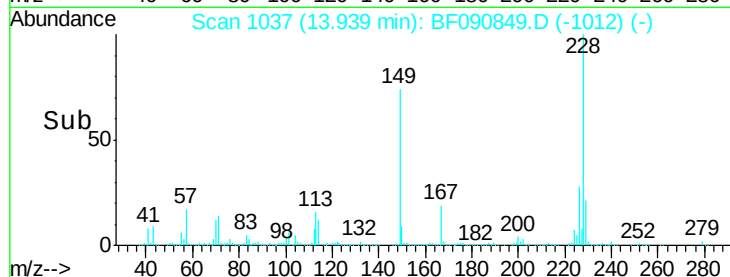
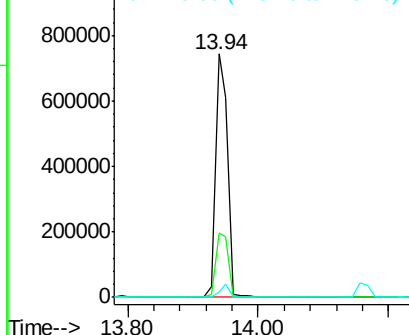
149	100		
167	26.3	24.2	36.2
279	2.5	3.8	5.6#

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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: 49.08 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.01 min

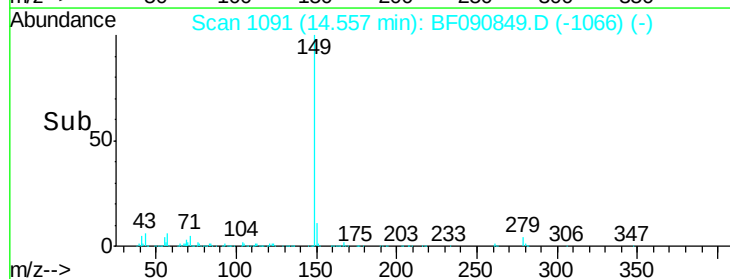
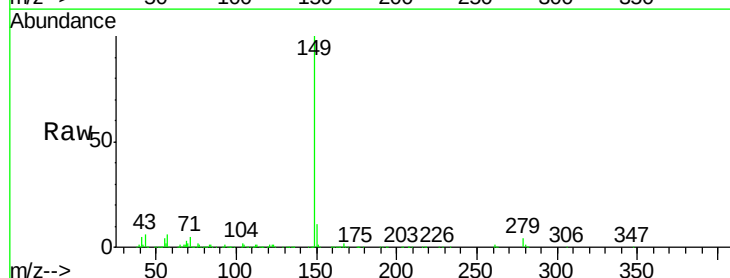
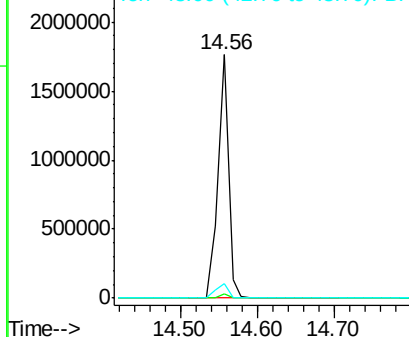
Lab File: BF090849.D

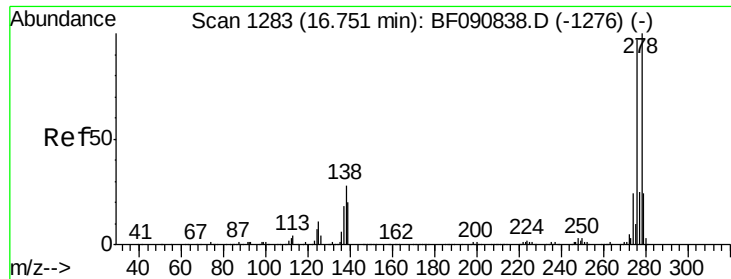
Acq: 26 Oct 2016 19:28

Tgt Ion:149 Resp: 1683990
Ion Ratio Lower Upper

149	100		
167	1.6	1.0	1.6#
43	6.9	10.2	15.2#

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: 44.15 ng

RT: 16.74 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

ClientSampleId :

PB94315BS

Tot Ion:276 Resp: 1147803

Ion Ratio Lower Upper

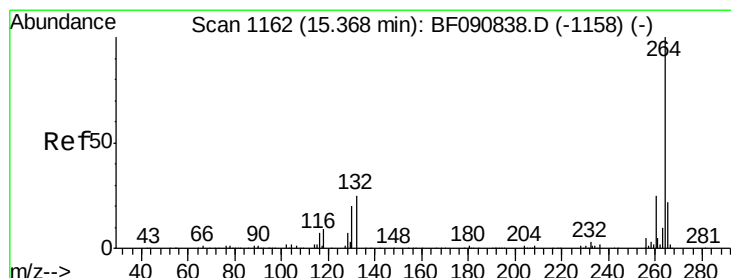
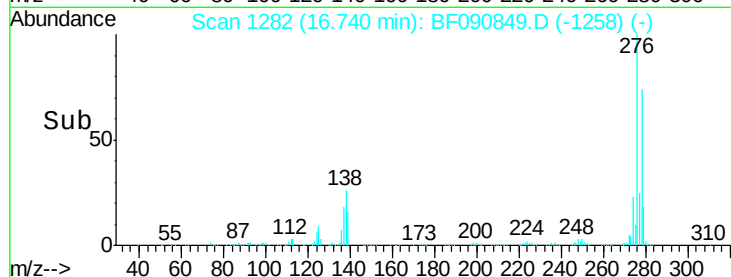
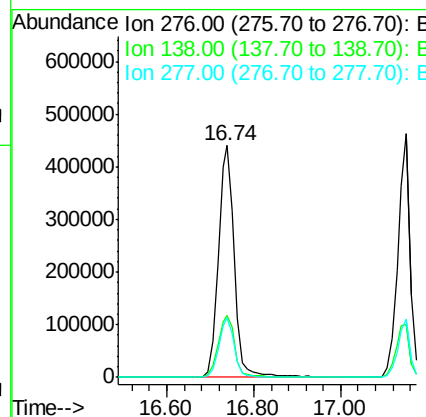
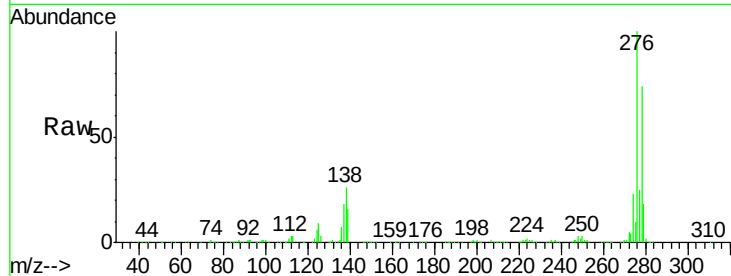
276 100

138 28.0 25.7 38.5

277 25.2 15.6 23.4#

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

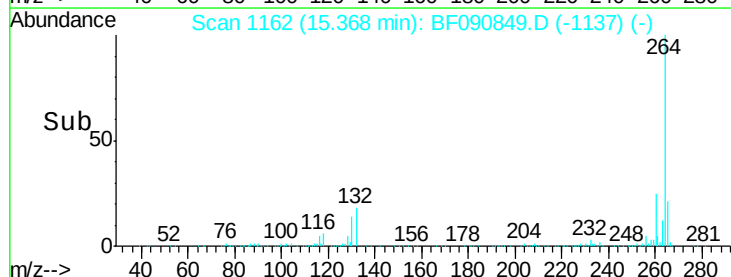
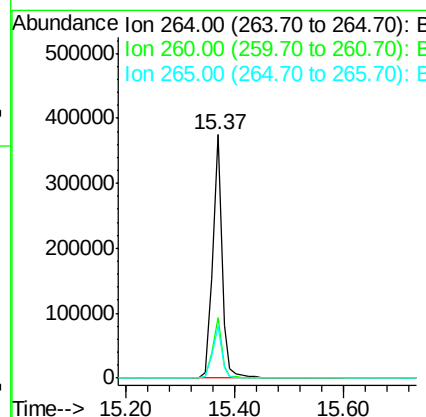
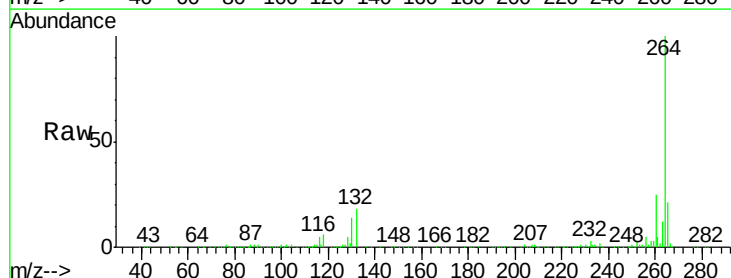
Tgt Ion:264 Resp: 451805

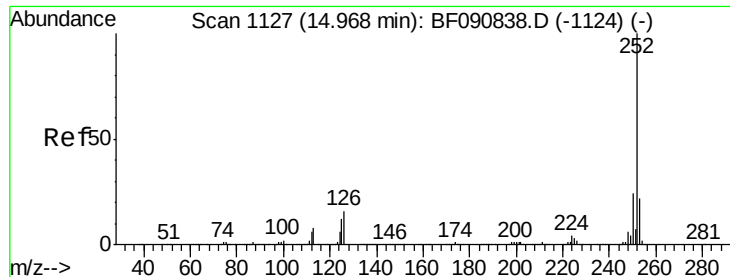
Ion Ratio Lower Upper

264 100

260 24.8 16.7 25.1

265 21.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 39.11 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

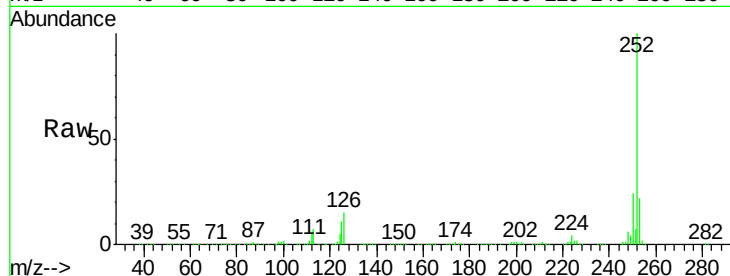
ClientSampled :

PB94315BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.1	17.1	25.7

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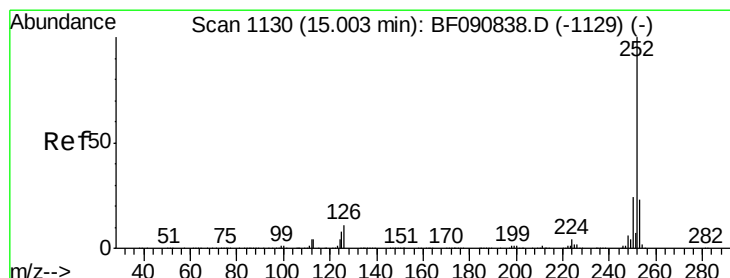
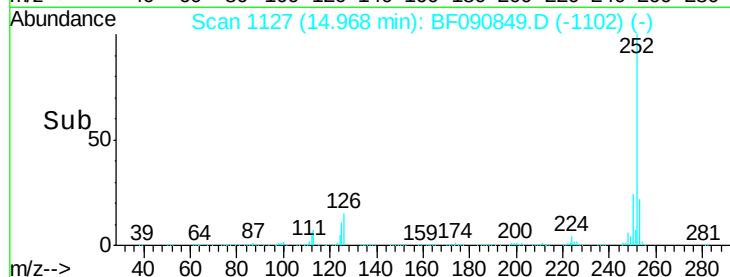
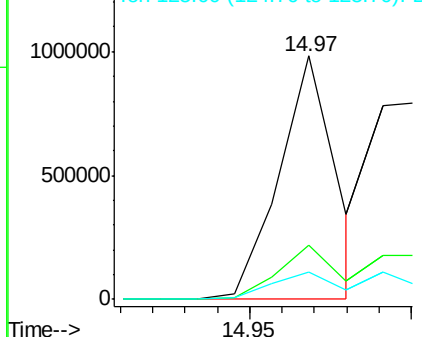
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.51 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF090849.D

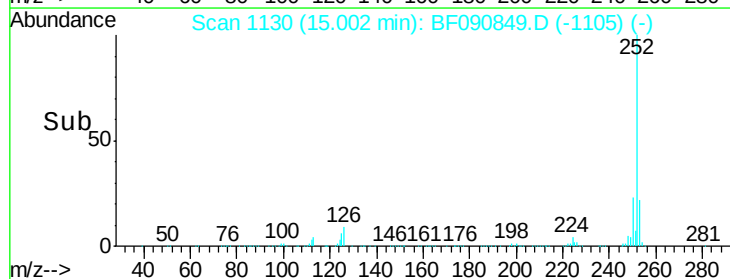
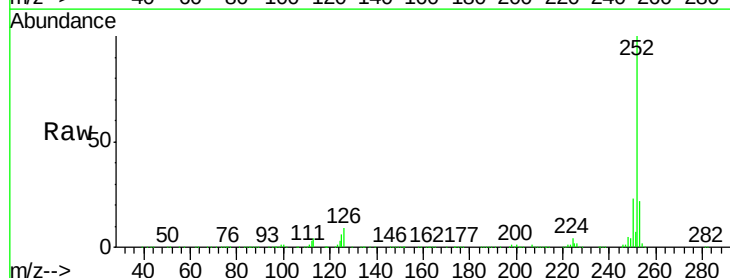
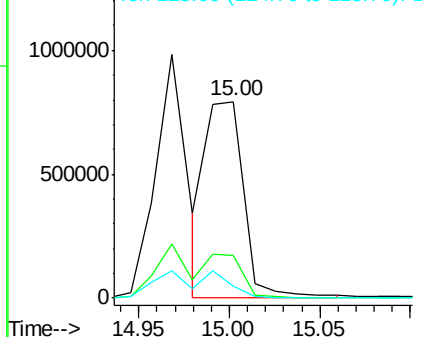
Acq: 26 Oct 2016 19:28

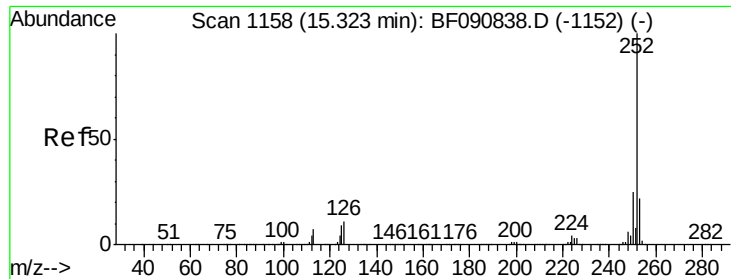
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	6.3	16.0	24.0

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: 41.91 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Instrument :

BNA_F

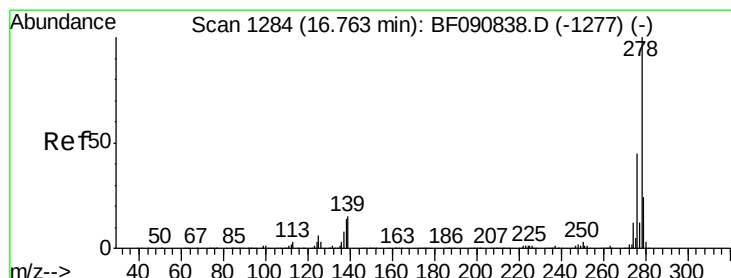
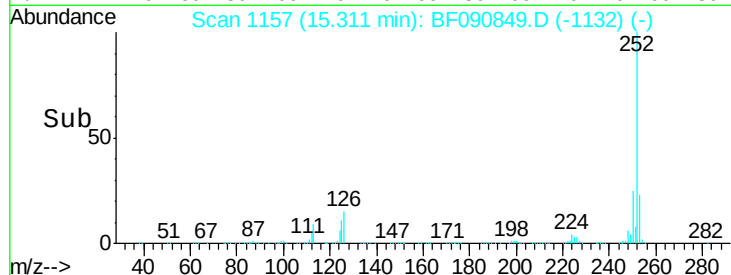
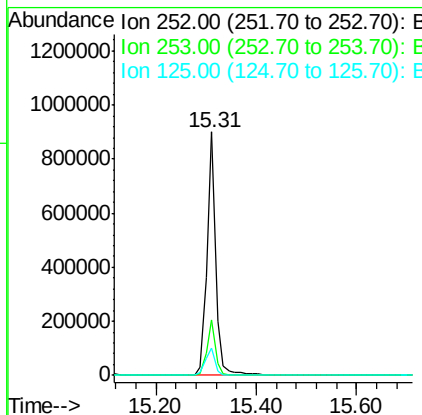
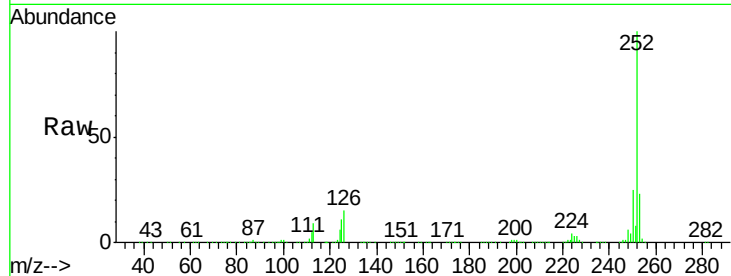
ClientSampleId :

PB94315BS

Tot Ion:	252	Resp:	1094071
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.2	25.8
125	11.4	18.0	27.0#

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#90

Dibenzo(a,h)anthracene

Concen: 44.17 ng

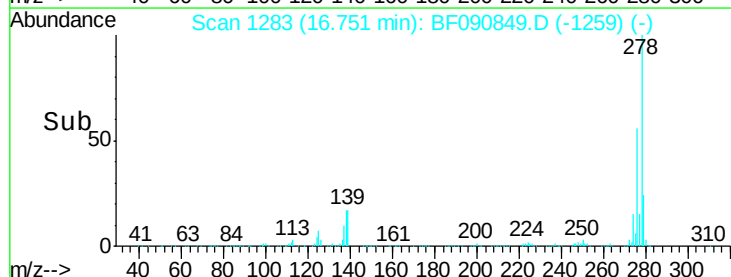
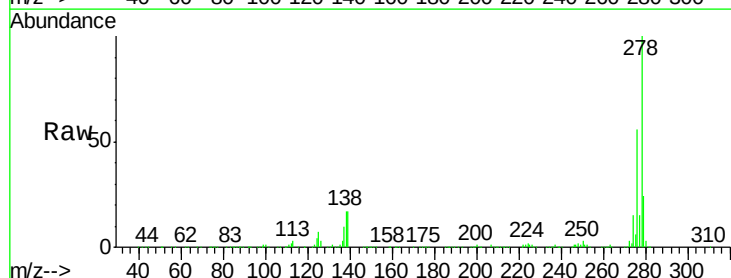
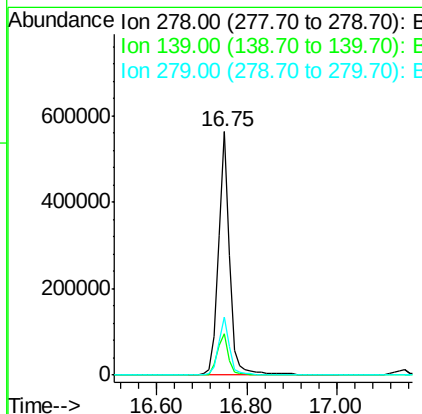
RT: 16.75 min Scan# 1283

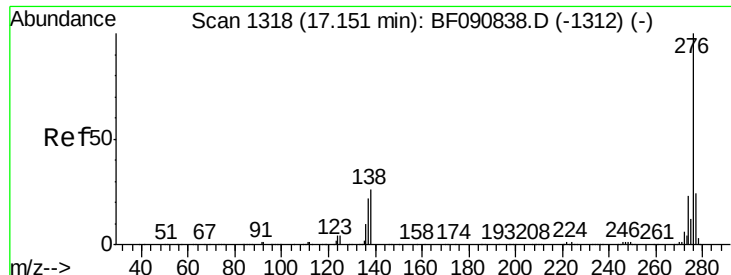
Delta R.T. -0.02 min

Lab File: BF090849.D

Acq: 26 Oct 2016 19:28

Tgt Ion:	278	Resp:	976162
Ion Ratio	Lower	Upper	
278	100		
139	17.0	26.3	39.5#
279	24.0	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.78 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF090849.D
 Acq: 26 Oct 2016 19:28

Instrument :
 BNA_F
 ClientSampleId :
 PB94315BS

Tot Ion:	276	Resp:	932100
Ion Ratio		Lower	Upper
276	100		
277	23.8	17.8	26.6
138	21.5	34.6	51.8#

Manual Integrations
 APPROVED

sohil
 10/27/2016 3:46:06 PM

