

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090570.D
 Acq On : 14 Oct 2016 15:11
 Operator : UM/SJ
 Sample : H5192-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MS

Manual Integrations
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 10/17/2016 6:37:35 PM

Quant Time: Oct 14 16:47:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 02:03:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	215410	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	915732	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	483826	20.00	ng	-0.01
63) Phenanthrene-d10	11.46	188	837580	20.00	ng	0.00
75) Chrysene-d12	14.10	240	720834	20.00	ng	0.00
86) Perylene-d12	15.56	264	467299	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1360358	115.77	ng	0.01
7) Phenol-d6	6.55	99	1792999	102.69	ng	0.00
23) Nitrobenzene-d5	7.48	82	1154305	70.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.76	330	527859	122.37	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	2068838	70.46	ng	0.00
78) Terphenyl-d14	13.04	244	2020879	65.28	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	178770	26.70	ng	# 81
3) Pyridine	3.38	79	560991m	37.37	ng	
4) n-Nitrosodimethylamine	3.33	42	201855m	39.13	ng	
6) Aniline	6.59	93	333130	15.79	ng	95
8) 2-Chlorophenol	6.70	128	562368	36.91	ng	91
9) Benzaldehyde	6.46	77	155330m	15.79	ng	
10) Phenol	6.57	94	666407	33.37	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	571534	34.69	ng	91
12) 1,3-Dichlorobenzene	6.86	146	515753m	33.94	ng	
13) 1,4-Dichlorobenzene	6.93	146	555615	33.62	ng	94
14) 1,2-Dichlorobenzene	7.09	146	555615	35.96	ng	97
15) Benzyl Alcohol	7.07	79	429332	36.10	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.19	45	654757	28.24	ng	95
17) 2-Methylphenol	7.18	107	442602	37.28	ng	95
18) Hexachloroethane	7.43	117	214638	32.87	ng	# 89
19) n-Nitroso-di-n-propylamine	7.33	70	404831	33.82	ng	# 91
20) 3+4-Methylphenols	7.33	107	551196	38.29	ng	# 88
22) Acetophenone	7.33	105	767052	37.92	ng	# 91
24) Nitrobenzene	7.50	77	576139	34.05	ng	# 90
25) Isophorone	7.74	82	1132361	37.74	ng	# 94
26) 2-Nitrophenol	7.82	139	305029	39.74	ng	# 83
27) 2,4-Dimethylphenol	7.86	122	514831	40.42	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	695926	39.28	ng	100
29) 2,4-Dichlorophenol	8.06	162	435108	39.00	ng	92
30) 1,2,4-Trichlorobenzene	8.14	180	464212	35.53	ng	96
31) Naphthalene	8.23	128	1598522	34.27	ng	99
32) Benzoic acid	7.86	122	495614	63.35	ng	# 15
33) 4-Chloroaniline	8.29	127	182041m	10.21	ng	
34) Hexachlorobutadiene	8.35	225	271336	37.17	ng	99
35) Caprolactam	8.65	113	149810m	48.12	ng	
36) 4-Chloro-3-methylphenol	8.77	107	483655	37.57	ng	# 76
37) 2-Methylnaphthalene	8.92	142	1033161	37.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	488285	38.06	ng	97
40) Hexachlorocyclopentadiene	9.08	237	449786	71.77	ng	98

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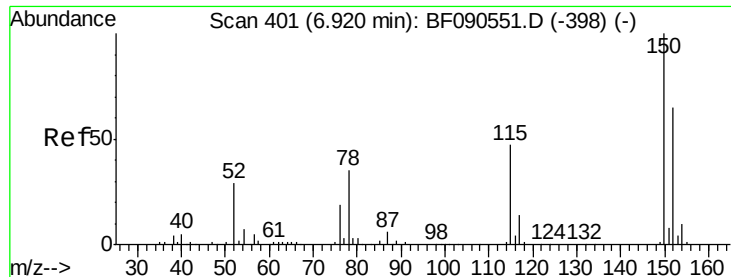
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 02:03:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	307777	42.53	nq	99
43) 2,4,5-Trichlorophenol	9.24	196	321886	37.29	nq	98
45) 1,1'-Biphenyl	9.39	154	1329074	36.10	nq	97
46) 2-Chloronaphthalene	9.41	162	1029671	37.51	nq	97
47) 2-Nitroaniline	9.51	65	317101	31.86	nq	# 80
48) Acenaphthylene	9.82	152	1439959	32.94	nq	100
49) Dimethylphthalate	9.69	163	1660794	52.91	nq	99
50) 2,6-Dinitrotoluene	9.75	165	259800	37.82	nq	# 85
51) Acenaphthene	9.99	154	935697	32.20	nq	100
52) 3-Nitroaniline	9.93	138	158279	18.36	nq	90
53) 2,4-Dinitrophenol	10.03	184	80204	25.66	nq	87
54) Dibenzofuran	10.18	168	1378656	36.07	nq	96
55) 4-Nitrophenol	10.09	139	386682	74.54	nq	91
56) 2,4-Dinitrotoluene	10.15	165	366851	39.32	nq	91
57) Fluorene	10.51	166	1104300	35.03	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	297429	41.37	nq	# 88
59) Diethylphthalate	10.39	149	1183249	37.17	nq	# 93
60) 4-Chlorophenyl-phenylether	10.51	204	565430	38.05	nq	95
61) 4-Nitroaniline	10.54	138	272551	31.53	nq	91
62) Azobenzene	10.67	77	1295795	35.19	nq	94
64) 4,6-Dinitro-2-methylphenol	10.57	198	136467	26.92	nq	88
65) n-Nitrosodiphenylamine	10.62	169	965498	34.90	nq	99
66) 4-Bromophenyl-phenylether	11.00	248	334281	37.19	nq	97
67) Hexachlorobenzene	11.07	284	343694	35.22	nq	# 59
68) Atrazine	11.16	200	285851	37.36	nq	89
69) Pentachlorophenol	11.26	266	386630	79.94	nq	97
70) Phenanthrene	11.48	178	1553784	34.75	nq	100
71) Anthracene	11.53	178	1664900	34.60	nq	100
72) Carbazole	11.69	167	1528065	35.48	nq	99
73) Di-n-butylphthalate	12.02	149	1863042	36.92	nq	100
74) Fluoranthene	12.67	202	1643720	36.55	nq	100
76) Benzidine	12.80	184	498109	27.77	nq	96
77) Pyrene	12.90	202	1642187	34.40	nq	99
79) Butylbenzylphthalate	13.52	149	805926	38.10	nq	98
80) Benzo(a)anthracene	14.09	228	1461490	35.62	nq	99
81) 3,3'-Dichlorobenzidine	14.05	252	329141	23.48	nq	99
82) Chrysene	14.12	228	1287603	32.57	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	1115159	39.08	nq	100
84) Di-n-octyl phthalate	14.68	149	1692700	44.24	nq	98
85) Indeno(1,2,3-cd)pyrene	17.01	276	935151	40.91	nq	100
87) Benzo(b)fluoranthene	15.14	252	1143213	37.39	nq	# 95
88) Benzo(k)fluoranthene	15.16	252	1031407m	31.35	nq	
89) Benzo(a)pyrene	15.49	252	979656	34.99	nq	99
90) Dibenzo(a,h)anthracene	17.02	278	794440	37.21	nq	100
91) Benzo(g,h,i)perylene	17.45	276	745181	36.61	nq	99

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



#1

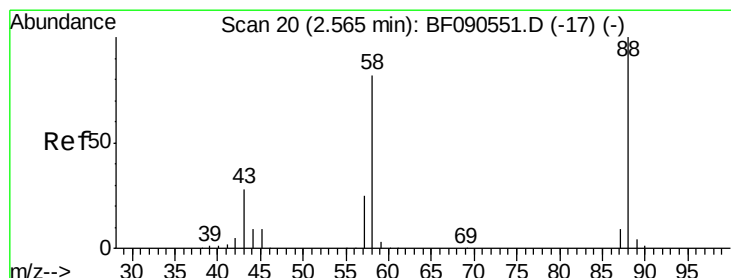
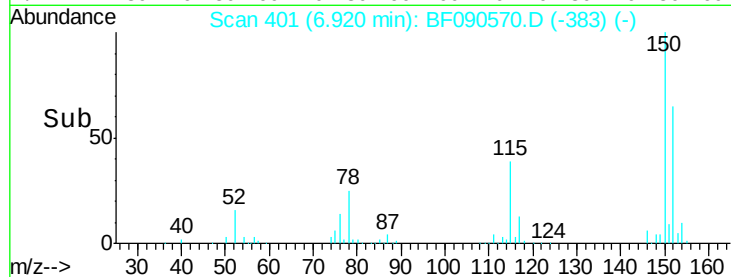
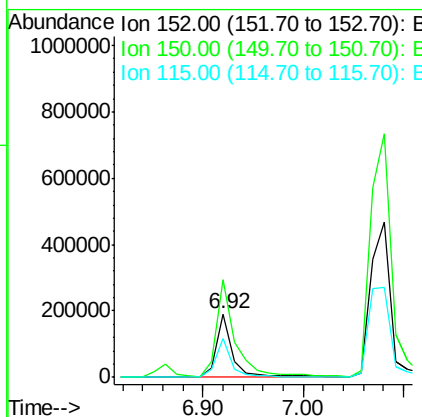
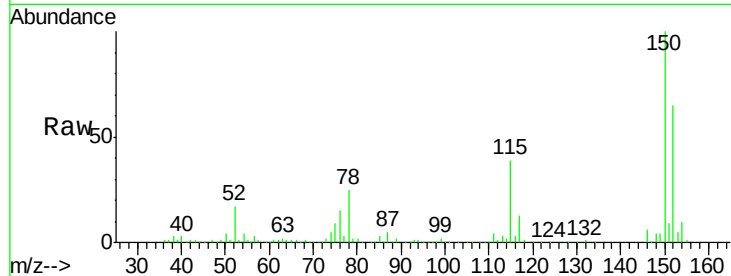
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.2	190.8
115	60.1	58.6	88.0

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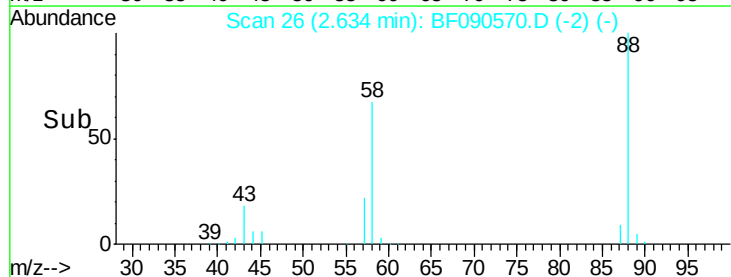
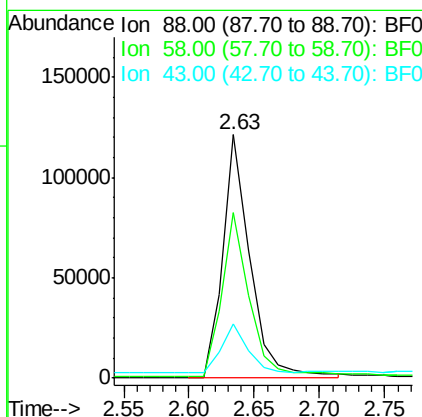
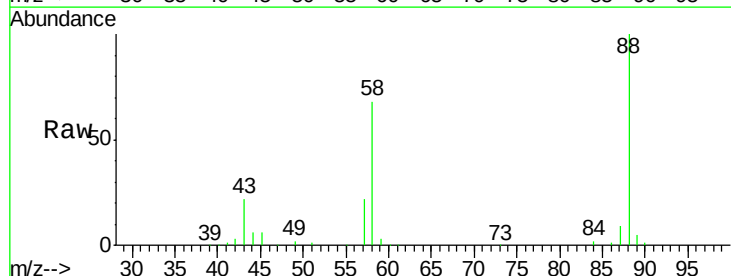
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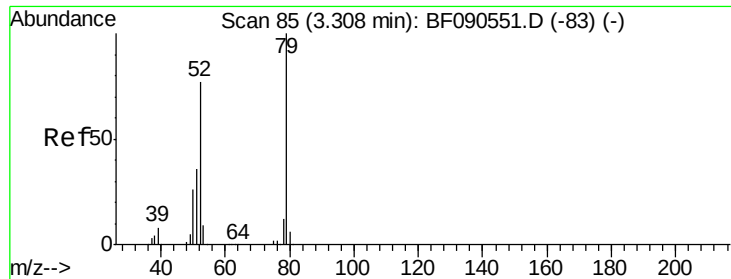


#2

1,4-Dioxane
Concen: 26.70 ng
RT: 2.63 min Scan# 26
Delta R.T. 0.07 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	67.2	100.8
43	19.2	24.1	36.1#





#3

Pvridine

Concen: 37.37 ng m

RT: 3.38 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

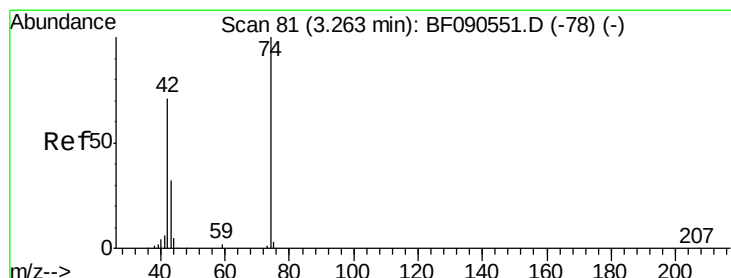
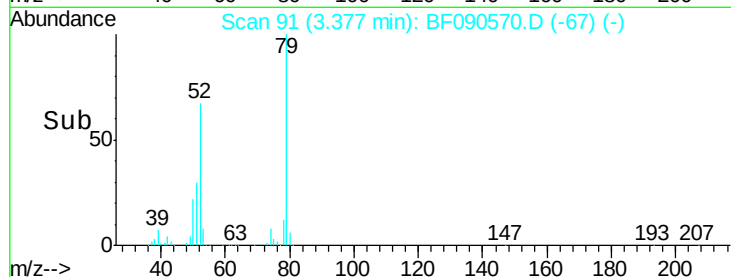
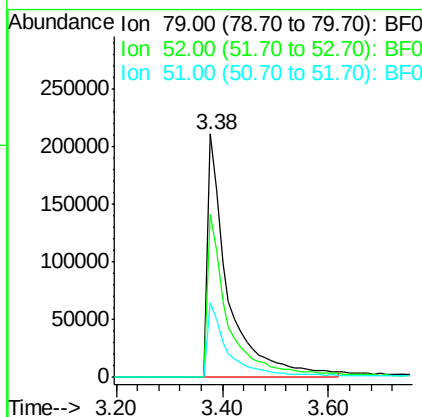
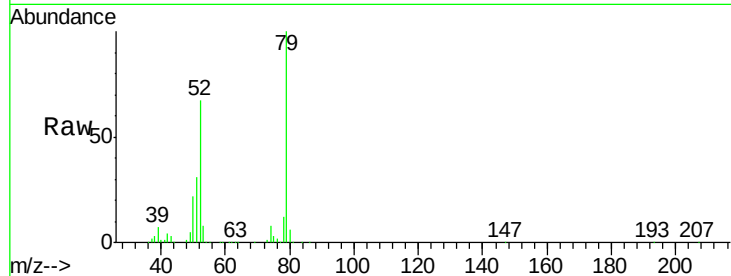
ClientSampleId :

MJSB-18(6-8)MS

Tot Ion:	79	Resp:	560991
Ion	Ratio	Lower	Upper
79	100		
52	67.0	61.8	92.8
51	30.7	29.2	43.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.13 ng m

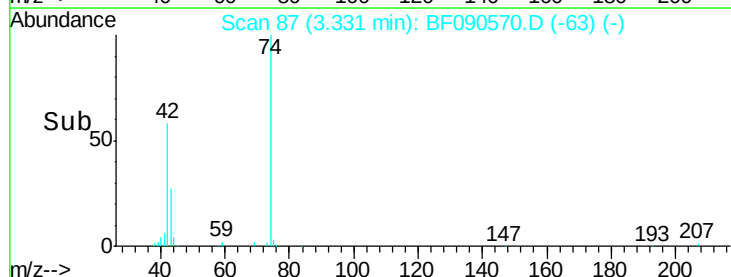
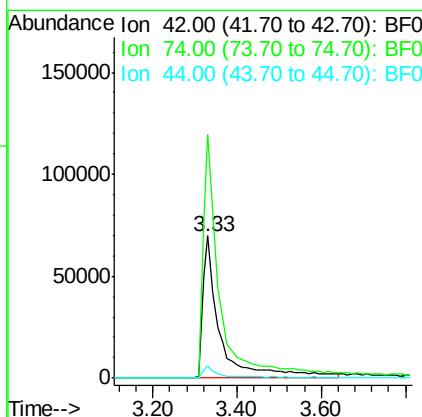
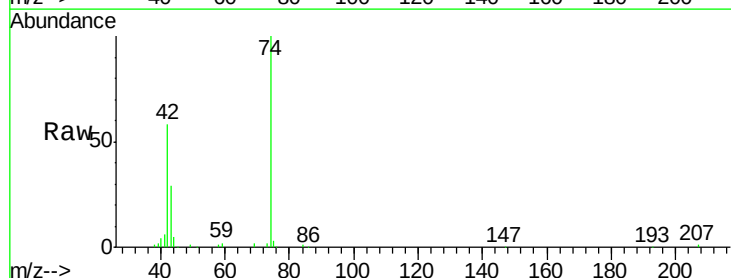
RT: 3.33 min Scan# 87

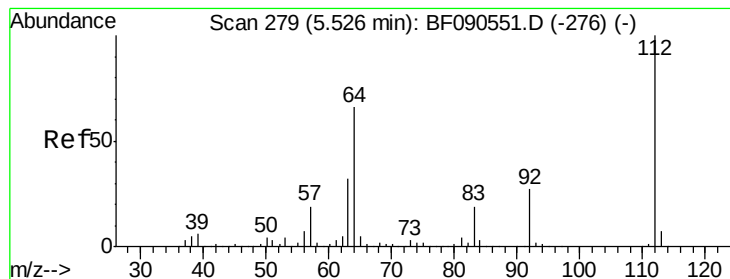
Delta R.T. 0.07 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Tgt Ion:	42	Resp:	201855
Ion	Ratio	Lower	Upper
42	100		
74	171.2	113.3	169.9#
44	8.1	6.0	9.0





#5

2-Fluorophenol

Concen: 115.77 ng

RT: 5.54 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MS

Tot Ion:112 Resp: 1360358

Ion Ratio Lower Upper

112 100

64 55.1 52.6 78.8

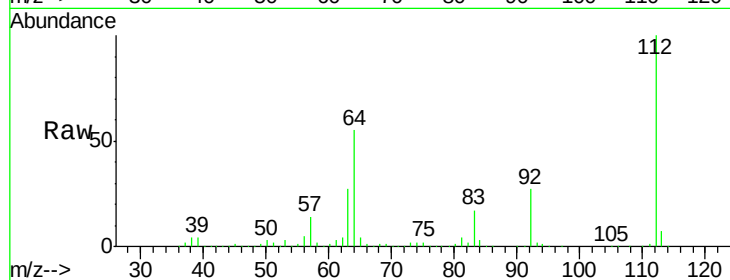
63 26.8 26.0 39.0

Manual Integrations

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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

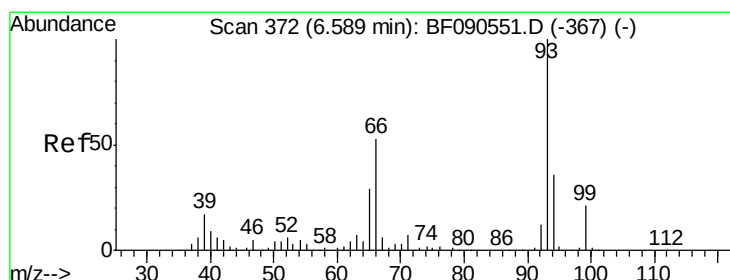
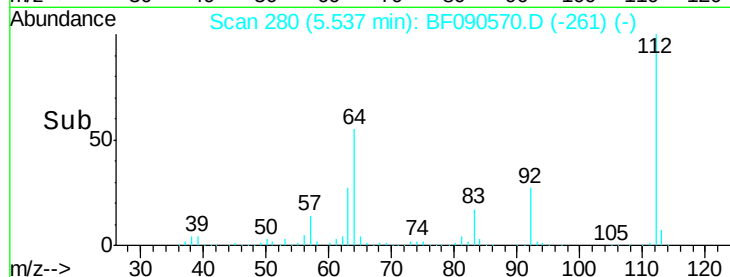
1500000

1000000

500000

0

Time-->



#6

Aniline

Concen: 15.79 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

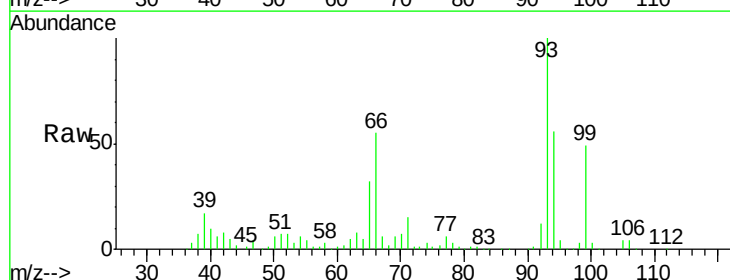
Tgt Ion: 93 Resp: 333130

Ion Ratio Lower Upper

93 100

66 55.4 42.2 63.2

65 31.7 22.9 34.3



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

600000

500000

400000

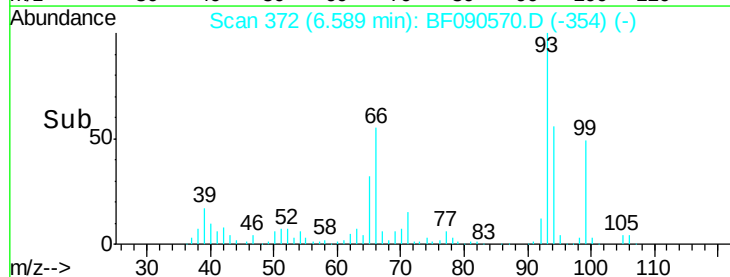
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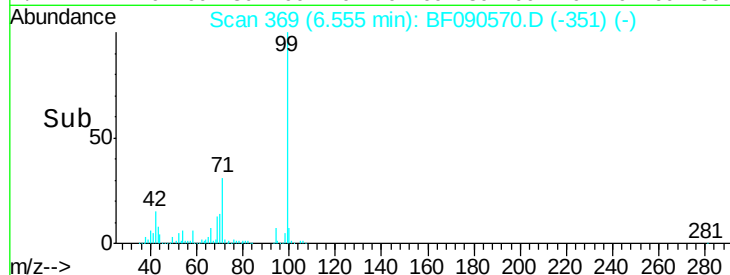
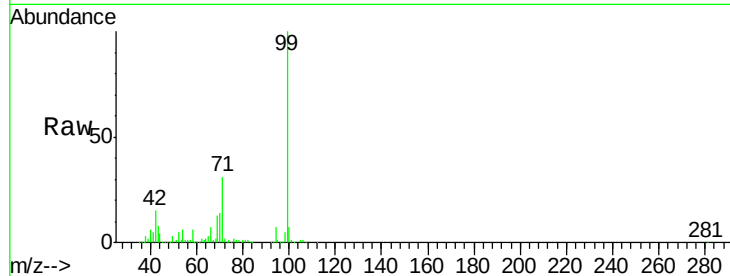
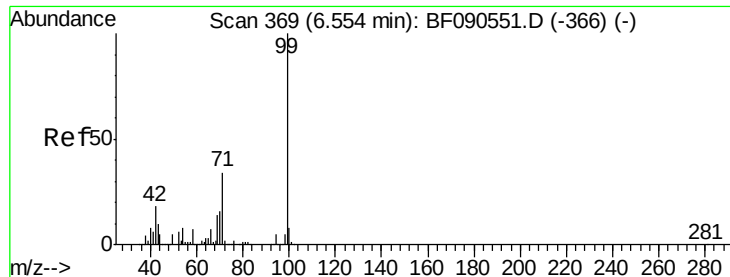
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 102.69 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Tot Ion: 99 Resp: 1792999

Ion Ratio Lower Upper

99 100

42 14.6 14.7 22.1#

71 31.4 27.6 41.4

Instrument :

BNA_F

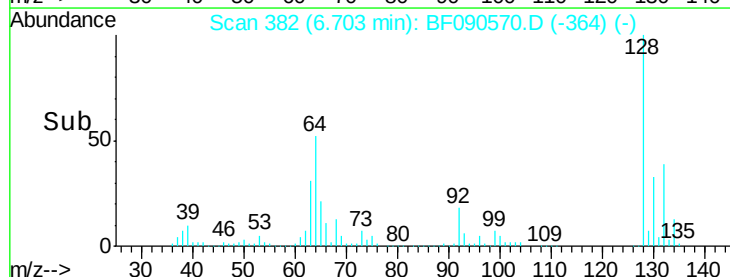
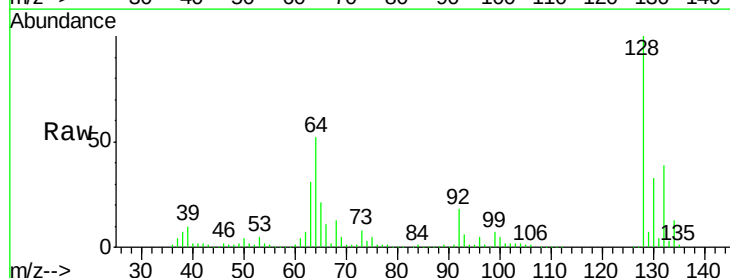
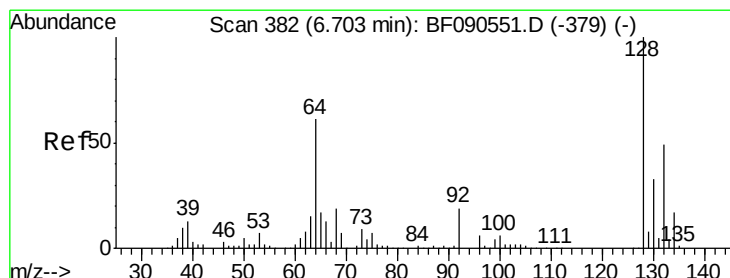
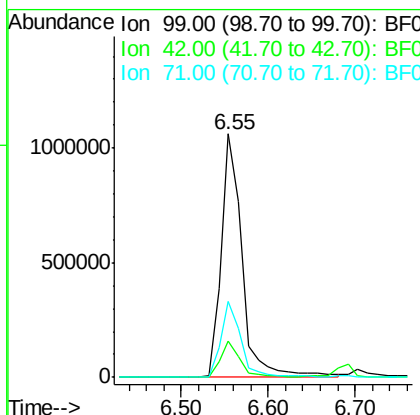
ClientSampleId :

MJSB-18(6-8)MS

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#8

2-Chlorophenol

Concen: 36.91 ng

RT: 6.70 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

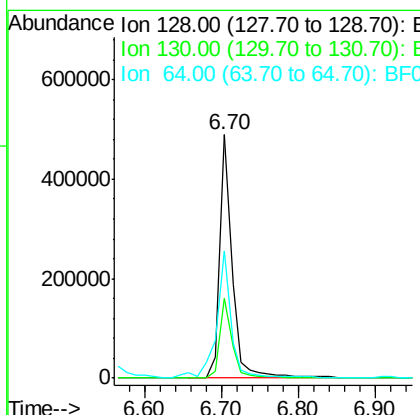
Tgt Ion: 128 Resp: 562368

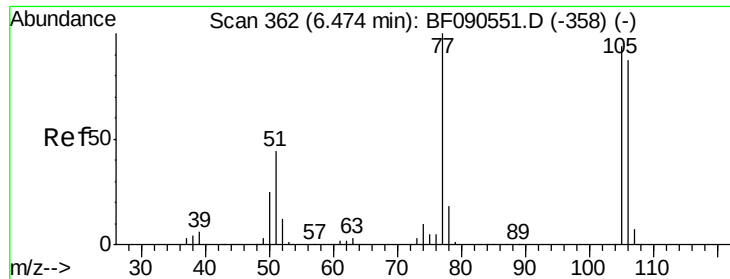
Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

64 52.3 42.6 82.6





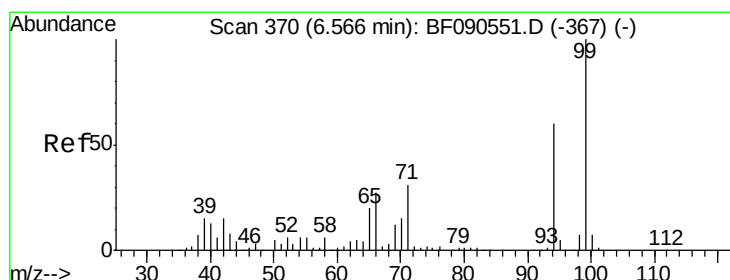
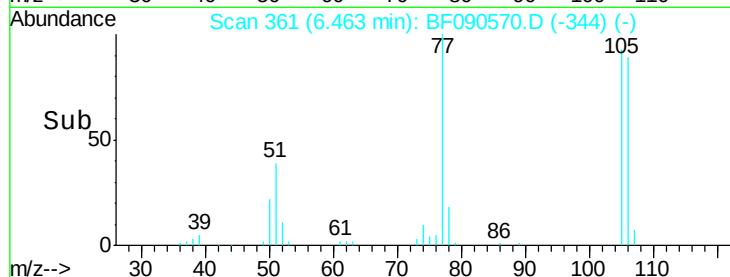
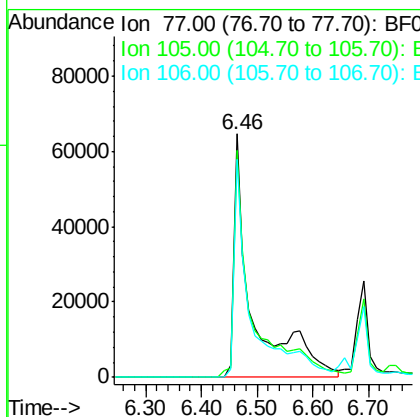
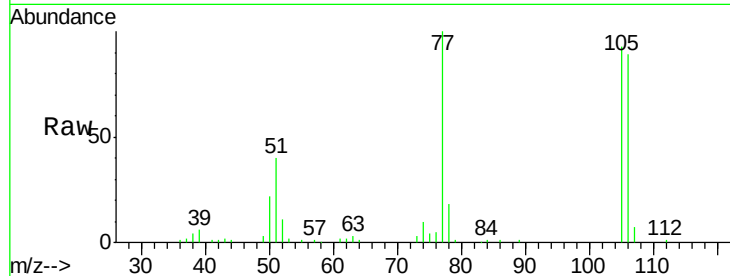
#9
Benzaldehyde
Concen: 15.79 ng/ml
RT: 6.46 min Scan# 361
Delta R.T. -0.01 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.0	74.3	114.3
106	89.4	67.2	107.2

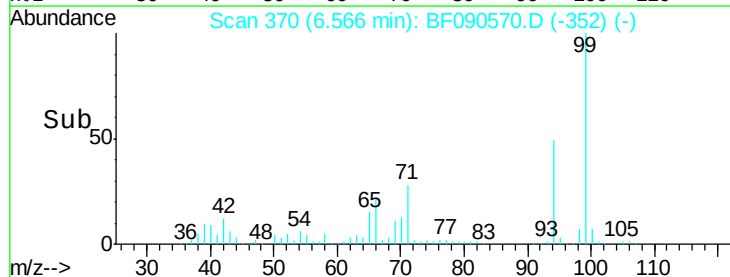
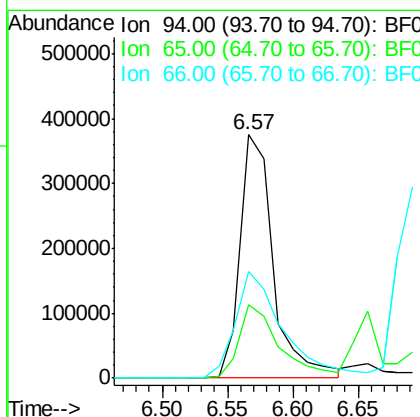
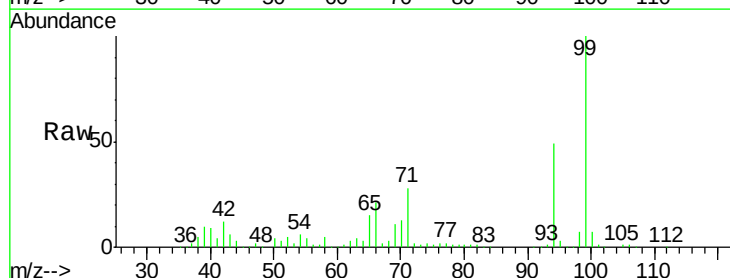
Manual Integrations
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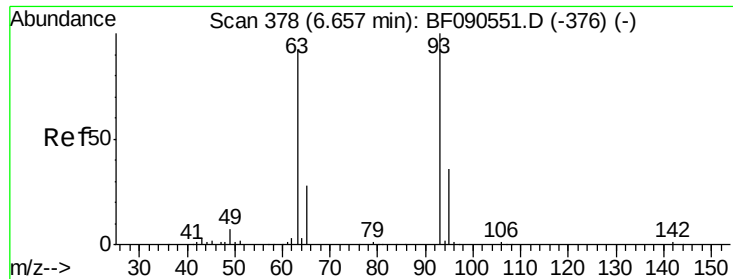
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#10
Phenol
Concen: 33.37 ng/ml
RT: 6.57 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	12.5	52.5
66	43.7	25.5	65.5





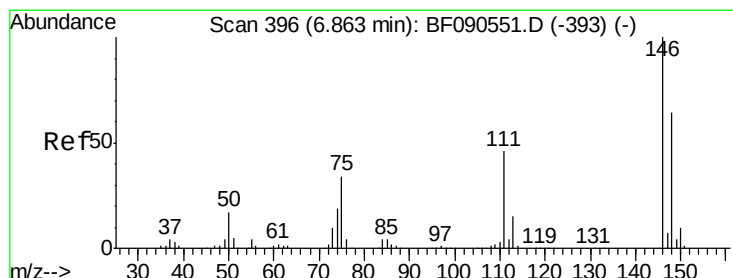
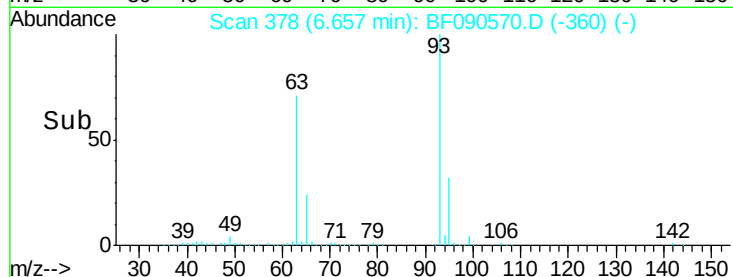
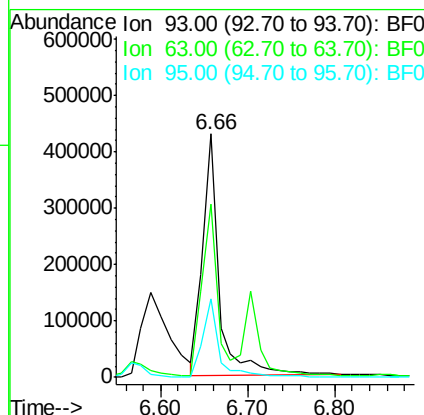
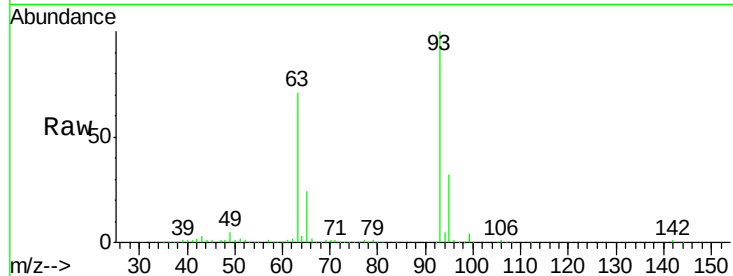
#11
bis(2-Chloroethyl)ether
Concen: 34.69 ng
RT: 6.66 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion:	93	Resp:	571534
Ion Ratio	Lower	Upper	
93	100		
63	71.0	61.6	101.6
95	32.3	11.8	51.8

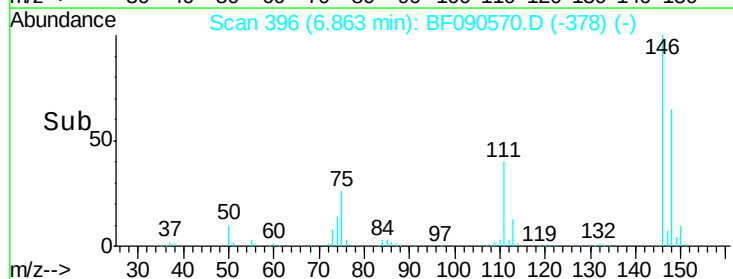
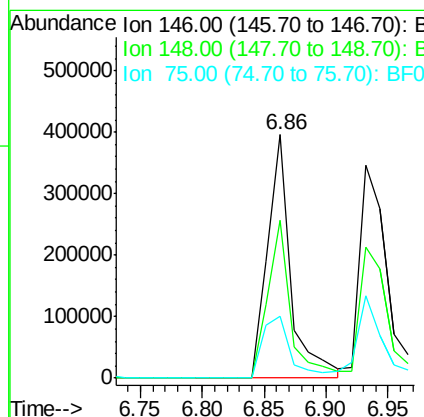
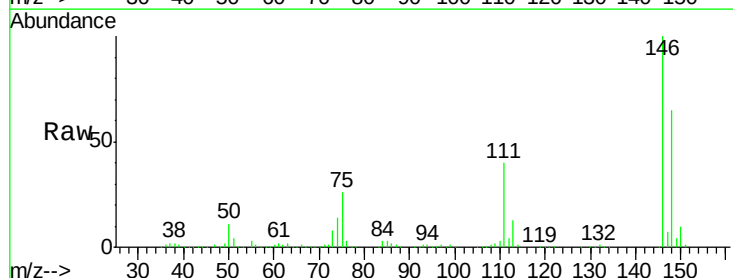
Manual Integrations
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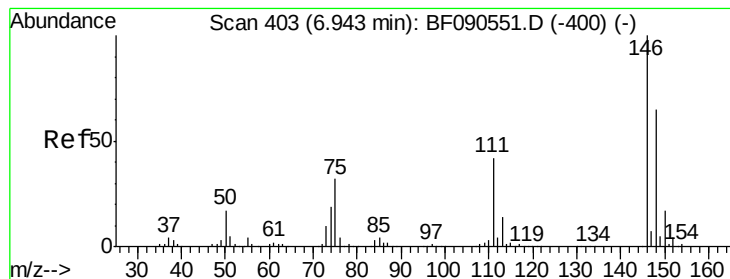
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#12
1,3-Dichlorobenzene
Concen: 33.94 ng m
RT: 6.86 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:	146	Resp:	515753
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.4	77.2
75	25.6	27.0	40.6#





#13

1,4-Dichlorobenzene

Concen: 33.62 ng

RT: 6.93 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

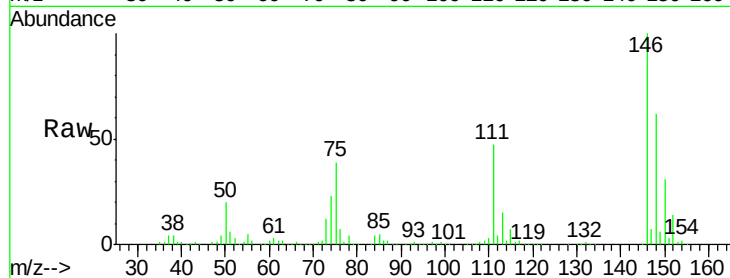
ClientSampleId :

MJSB-18(6-8)MS

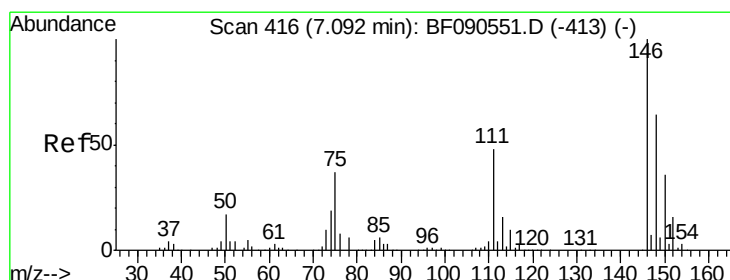
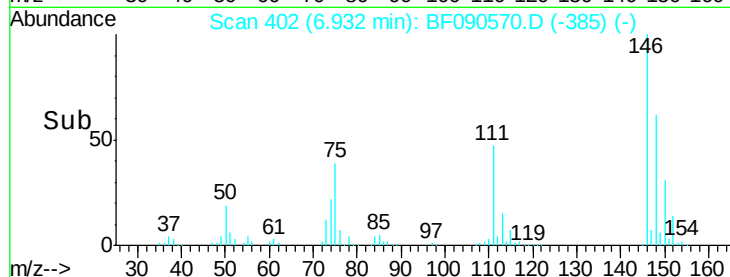
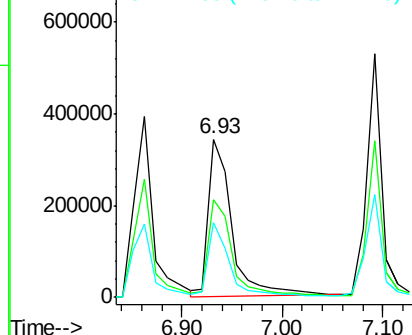
Tot Ion:	146	Resp:	555615
Ion Ratio	Lower	Upper	
146	100		
148	61.8	51.9	77.9
111	47.3	33.7	50.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.96 ng

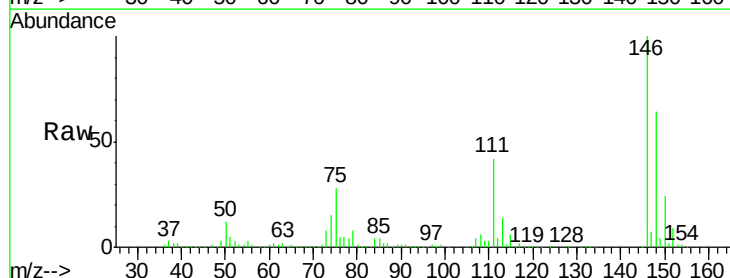
RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

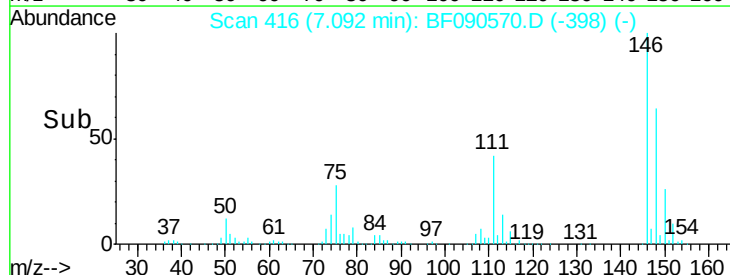
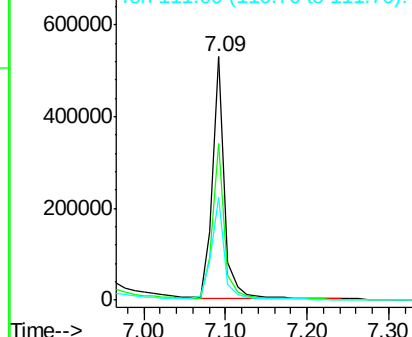
Lab File: BF090570.D

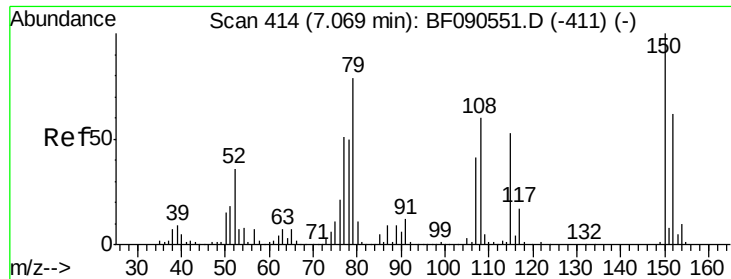
Acq: 14 Oct 2016 15:11

Tgt Ion:	146	Resp:	555615
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.2	76.8
111	42.5	38.2	57.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





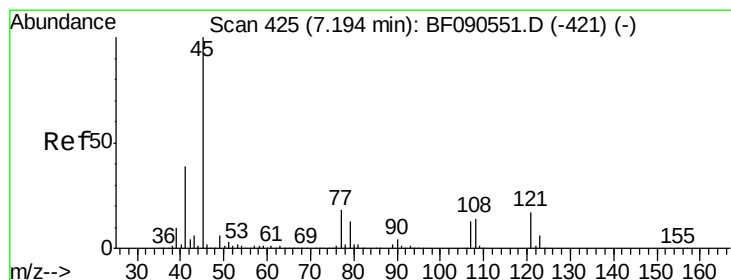
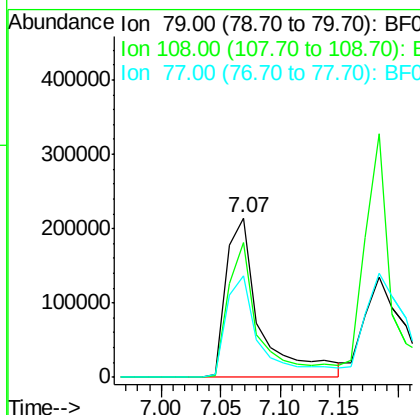
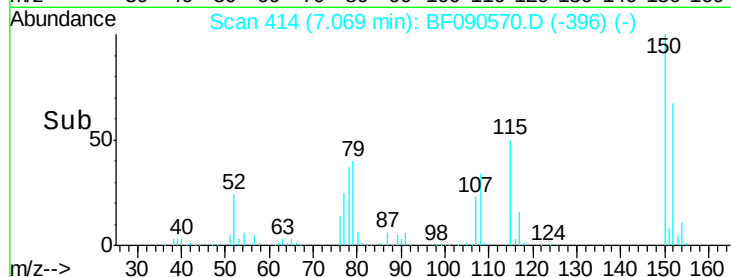
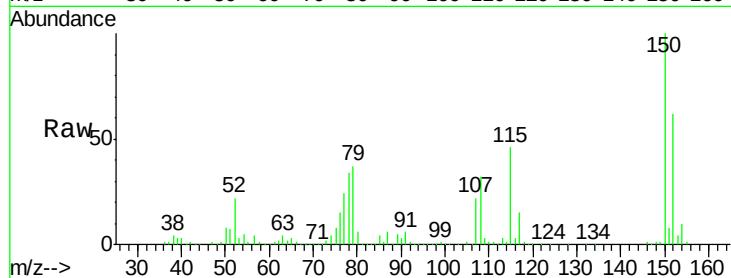
#15
Benzyl Alcohol
Concen: 36.10 ng
RT: 7.07 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.3	60.2	90.4
77	63.8	52.0	78.0

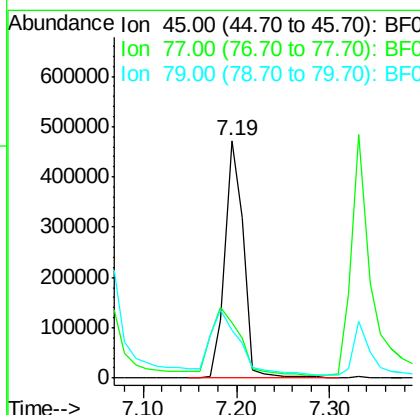
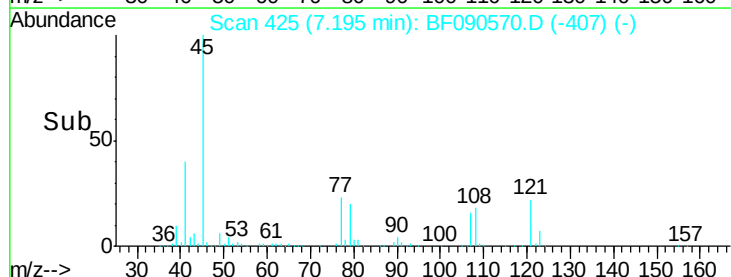
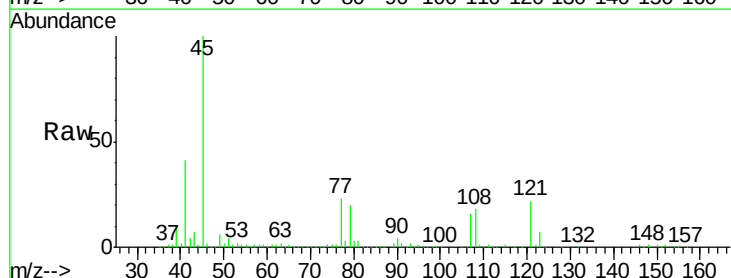
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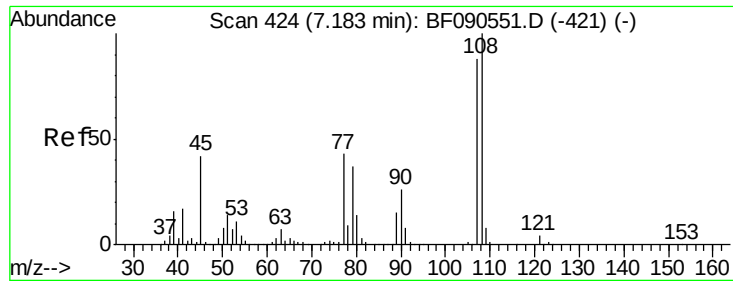
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#16
2,2'-oxybis(1-chloropropane)
Concen: 28.24 ng
RT: 7.19 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.1	0.9	40.9
79	19.9	0.0	37.3





#17

2-Methylphenol

Concen: 37.28 ng

RT: 7.18 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

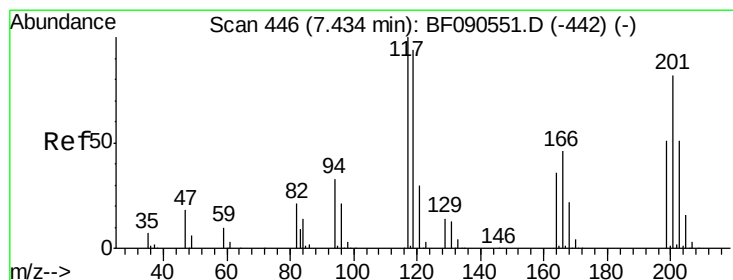
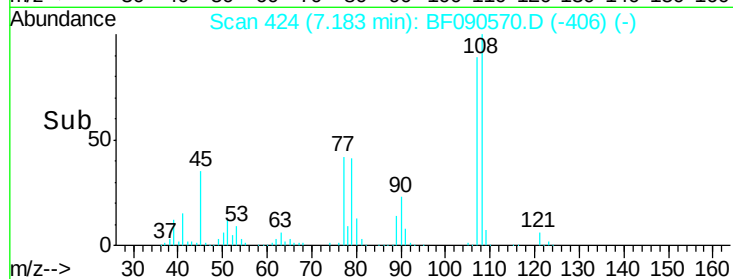
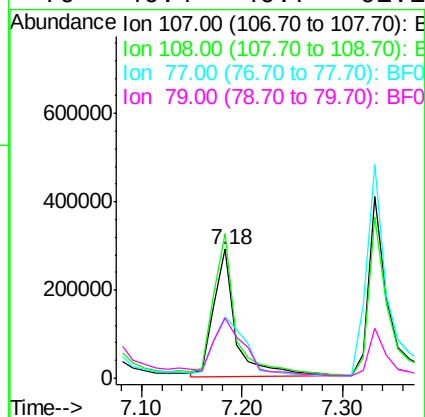
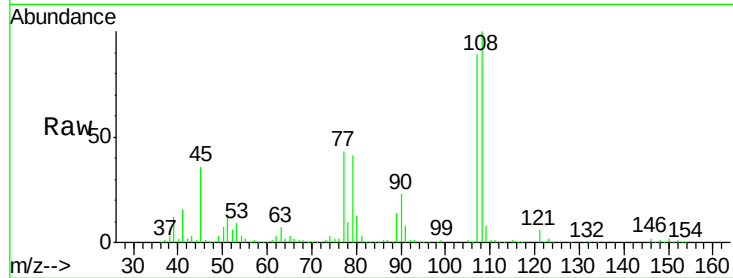
ClientSampleId :

MJSB-18(6-8)MS

Tot Ion:	107	Resp:	442602
Ion Ratio	Lower	Upper	
107	100		
108	112.0	92.6	138.8
77	47.8	42.2	63.2
79	46.4	40.7	61.1

Manual Integrations
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#18

Hexachloroethane

Concen: 32.87 ng

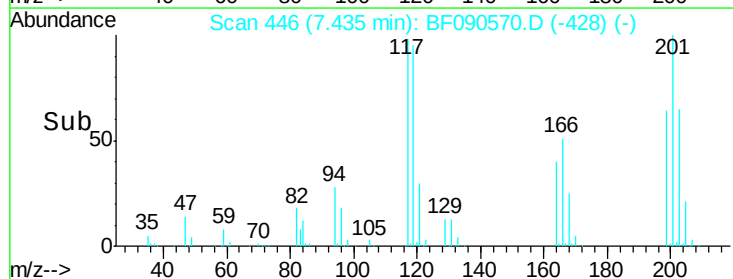
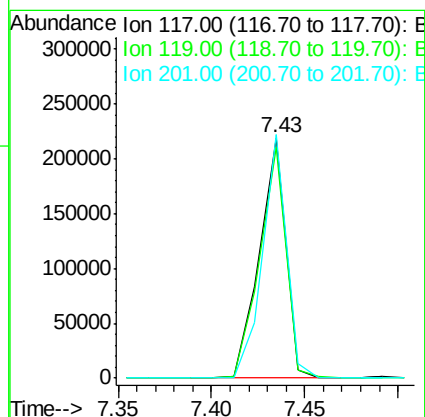
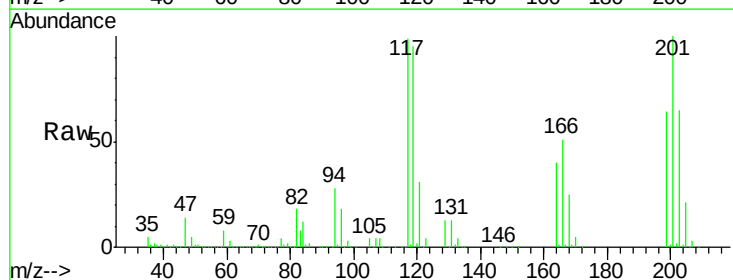
RT: 7.43 min Scan# 446

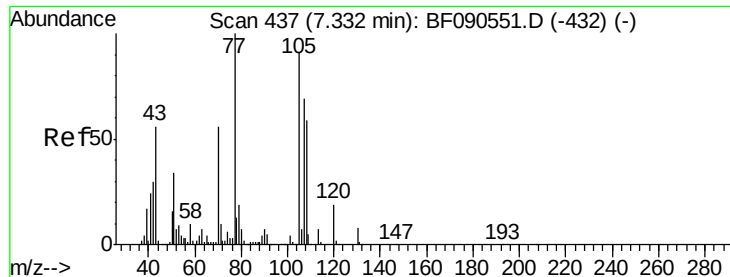
Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Tgt Ion:	117	Resp:	214638
Ion Ratio	Lower	Upper	
117	100		
119	96.1	75.6	113.4
201	101.3	65.4	98.0#





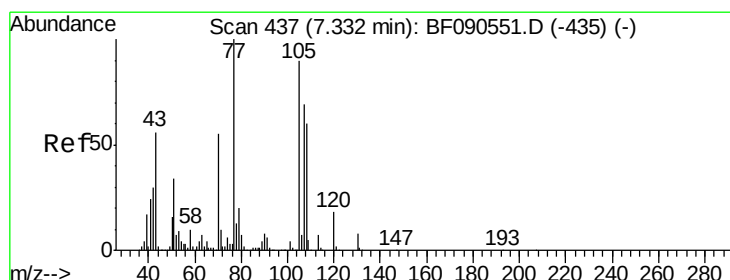
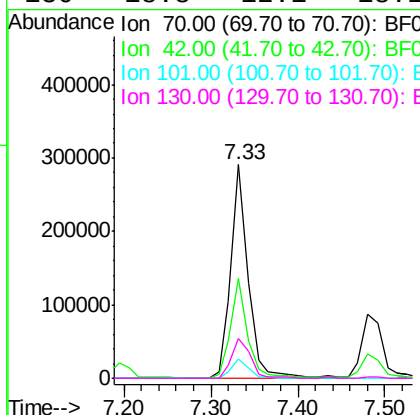
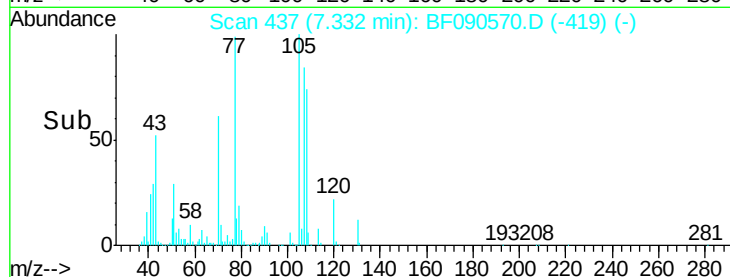
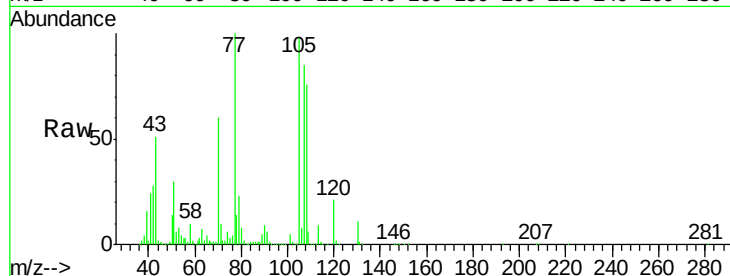
#19
n-Nitroso-di-n-propylamine
Concen: 33.82 ng
RT: 7.33 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.9	43.4	65.0
101	9.0	6.4	9.6
130	18.8	12.1	18.1#

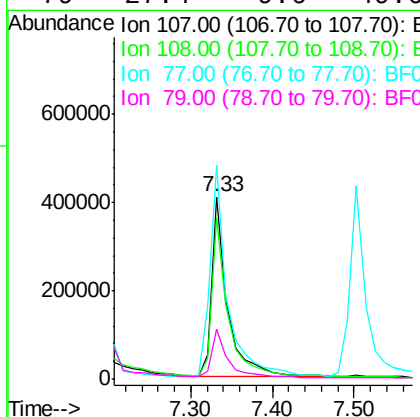
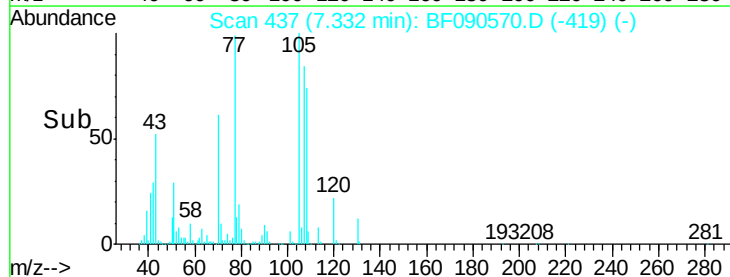
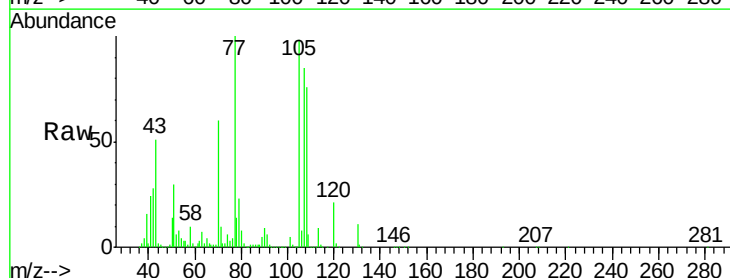
Manual Integrations
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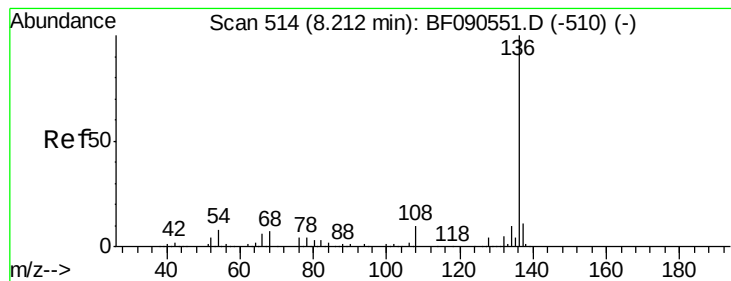
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#20
3+4-Methylphenols
Concen: 38.29 ng
RT: 7.33 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	67.7	107.7
77	117.4	123.1	163.1#
79	27.4	9.6	49.6





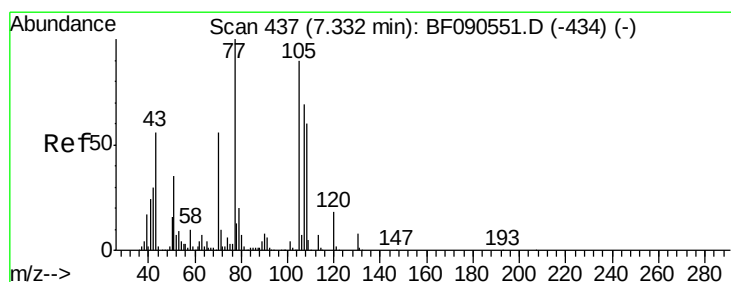
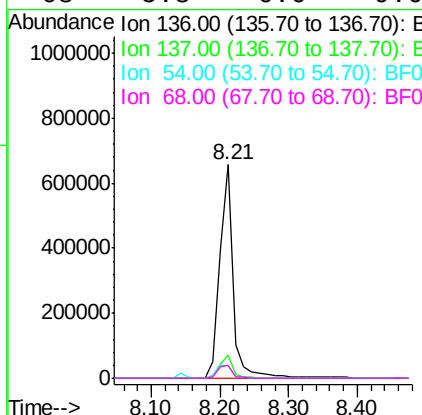
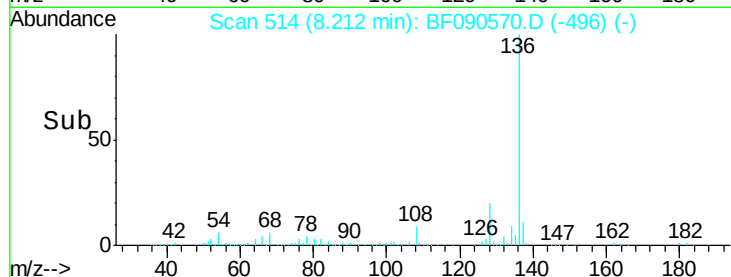
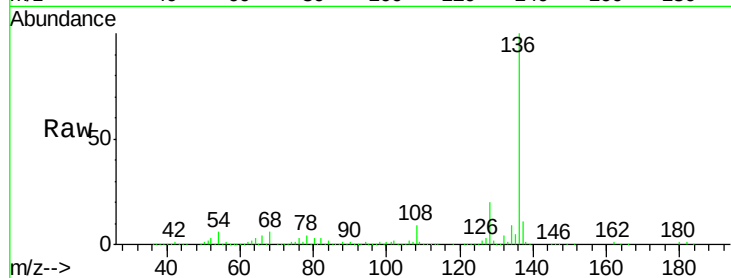
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		915732		
137	10.9		8.8	13.2	
54	6.0		6.8	10.2	
68	5.8		6.0	9.0	

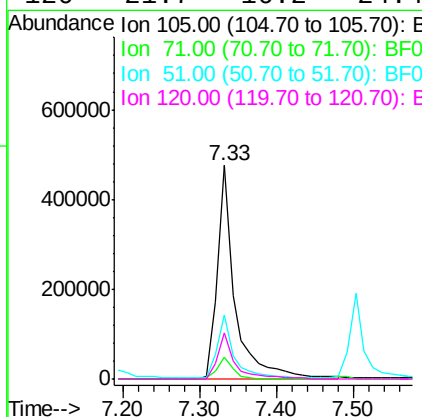
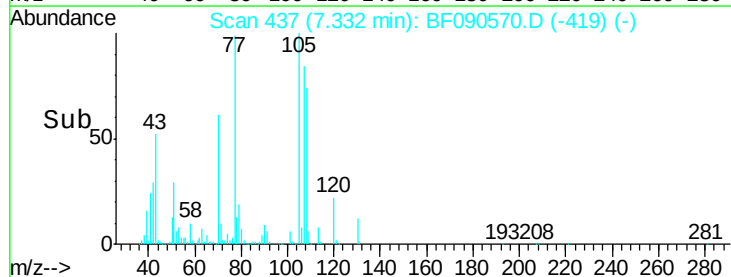
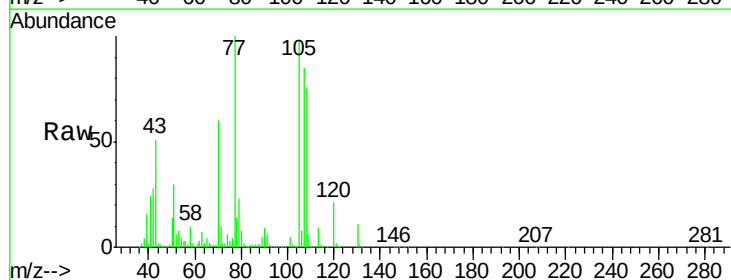
Manual Integrations
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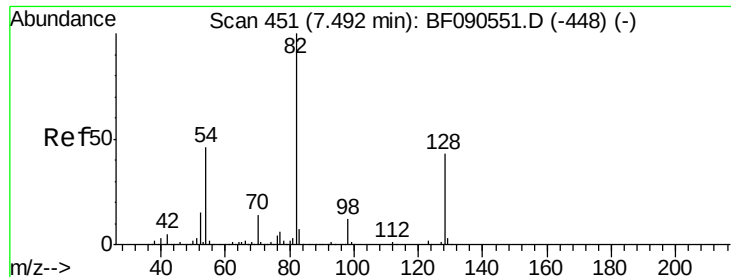
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#22
Acetophenone
Concen: 37.92 ng
RT: 7.33 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		767052		
71	10.5		8.5	12.7	
51	30.3		31.0	46.4	
120	21.7		16.2	24.4	





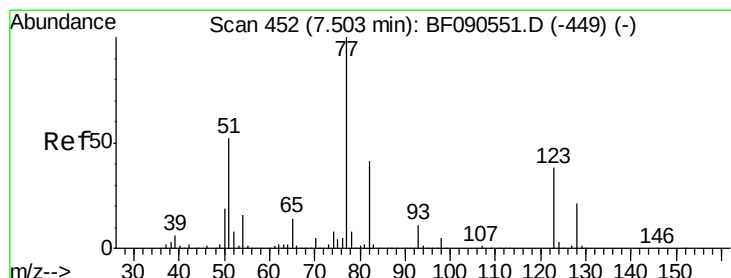
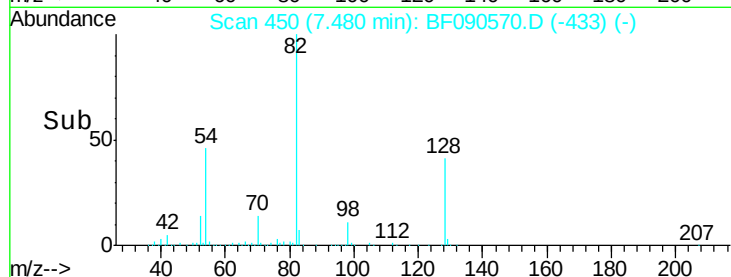
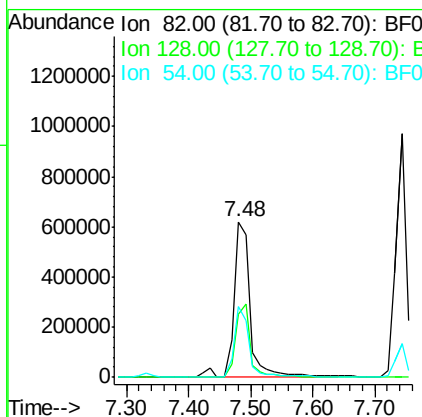
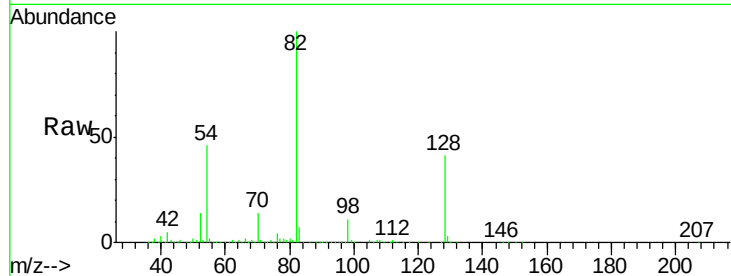
#23
Nitrobenzene-d5
Concen: 70.02 ng
RT: 7.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	82	Resp	1154305
Ion Ratio	100	Lower	Upper
128	40.9	34.3	51.5
54	45.6	37.0	55.6

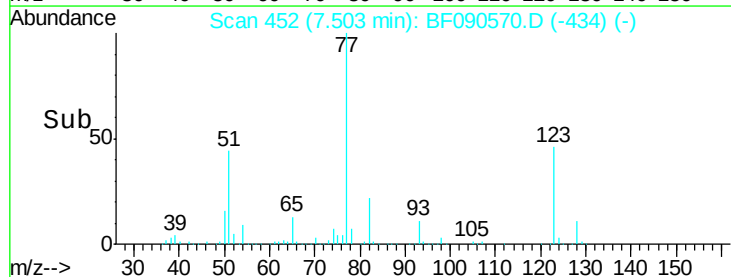
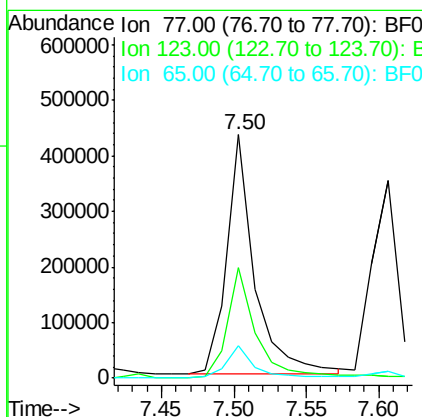
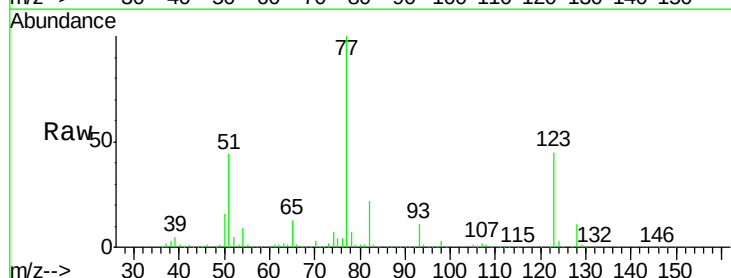
Manual Integrations
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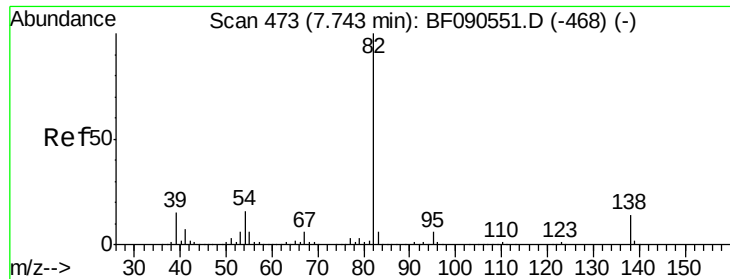
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#24
Nitrobenzene
Concen: 34.05 ng
RT: 7.50 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	77	Resp	576139
Ion Ratio	100	Lower	Upper
123	45.1	29.8	44.6#
65	13.2	10.9	16.3





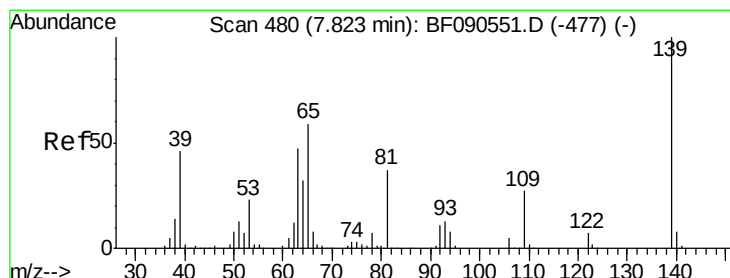
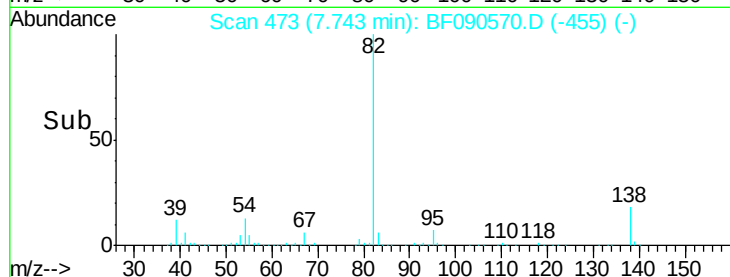
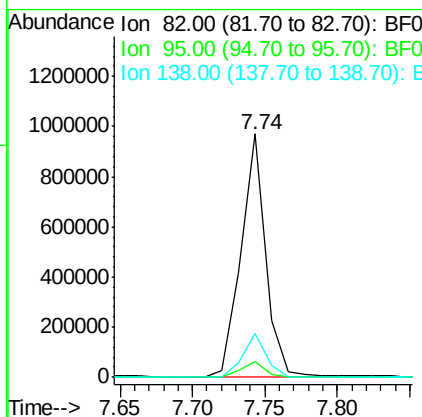
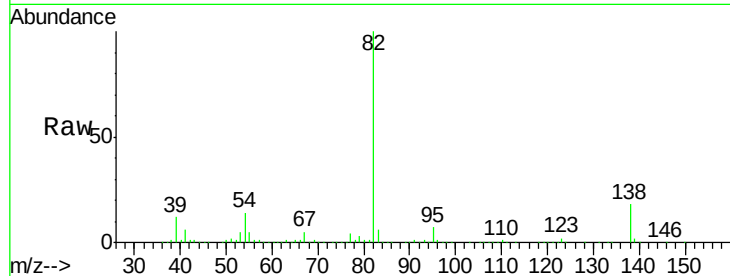
#25
Isophorone
Concen: 37.74 ng
RT: 7.74 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	82	Resp	1132361
Ion Ratio	100	Lower	Upper
82	100		
95	6.6	5.0	7.6
138	17.8	11.5	17.3#

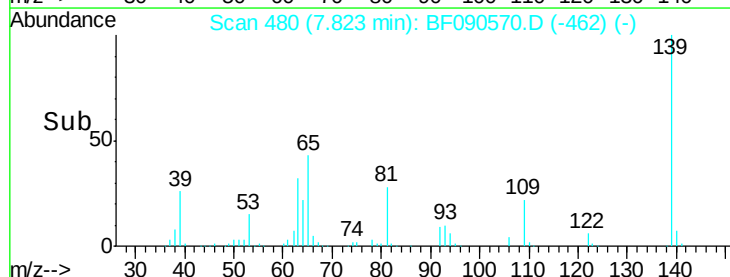
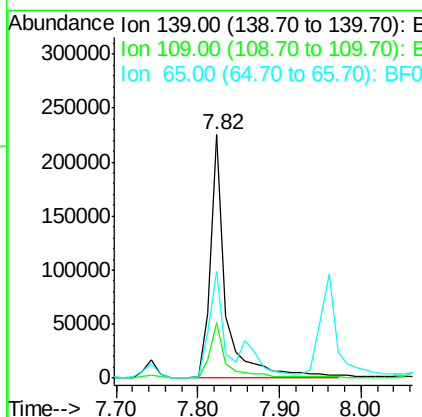
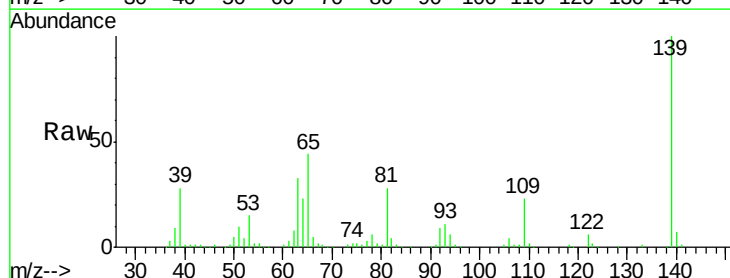
Manual Integrations
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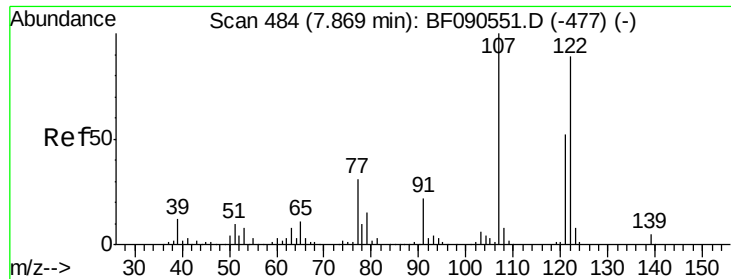
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#26
2-Nitrophenol
Concen: 39.74 ng
RT: 7.82 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	139	Resp	305029
Ion Ratio	100	Lower	Upper
139	100		
109	22.6	21.8	32.6
65	43.9	47.7	71.5#





#27

2,4-Dimethylphenol

Concen: 40.42 ng

RT: 7.86 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

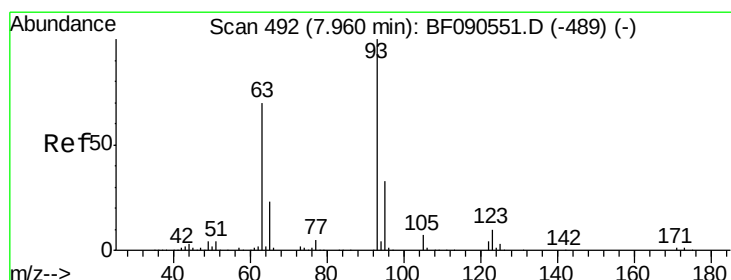
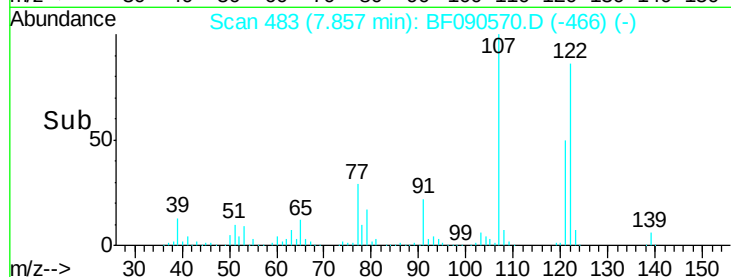
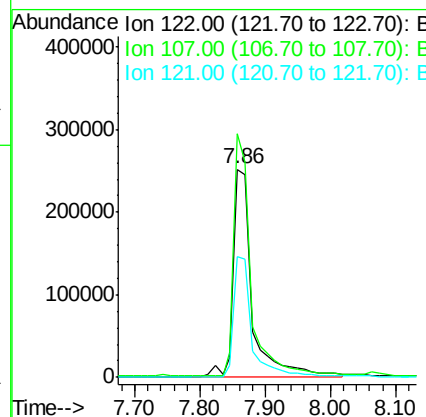
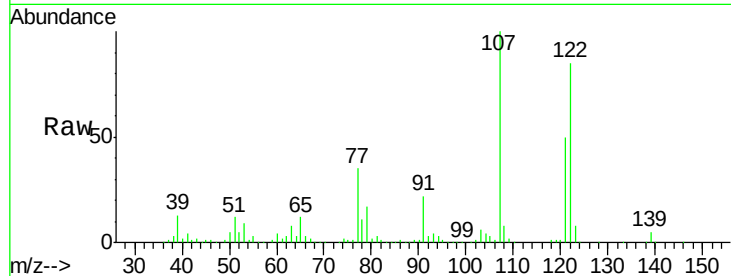
ClientSampleId :

MJSB-18(6-8)MS

Tot Ion:	122	Resp:	514831
Ion Ratio	Lower	Upper	
122	100		
107	117.0	89.8	134.6
121	58.1	46.1	69.1

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 39.28 ng

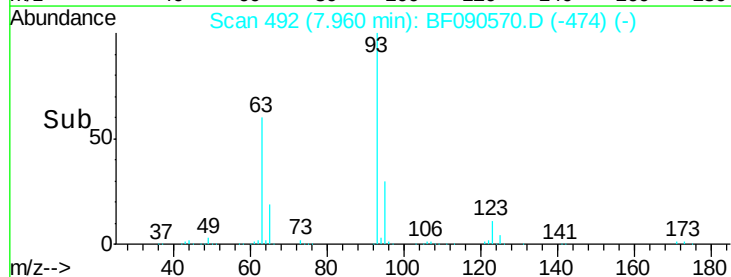
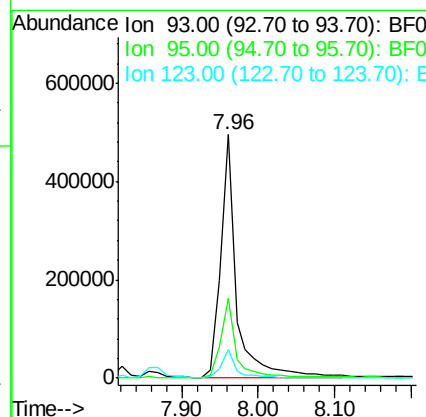
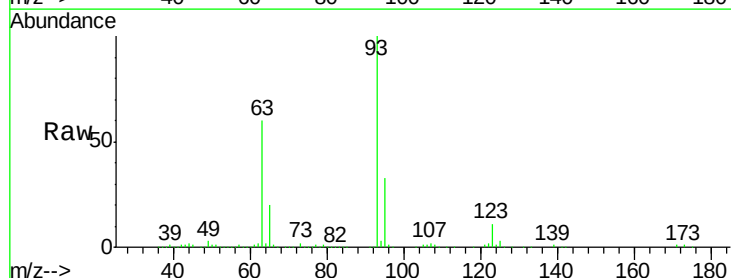
RT: 7.96 min Scan# 492

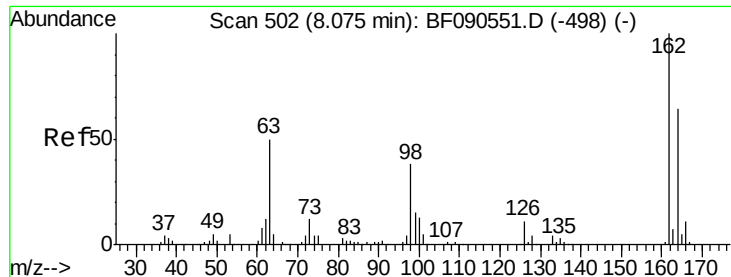
Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Tgt Ion:	93	Resp:	695926
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.2	39.2
123	11.5	8.6	13.0





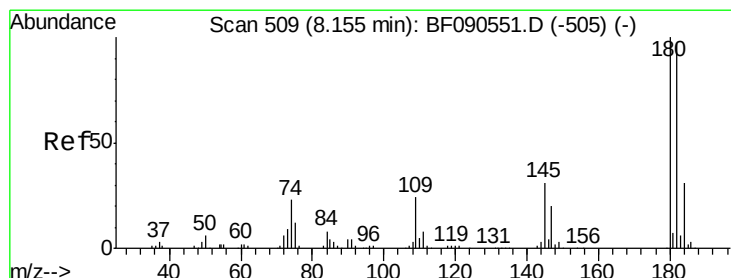
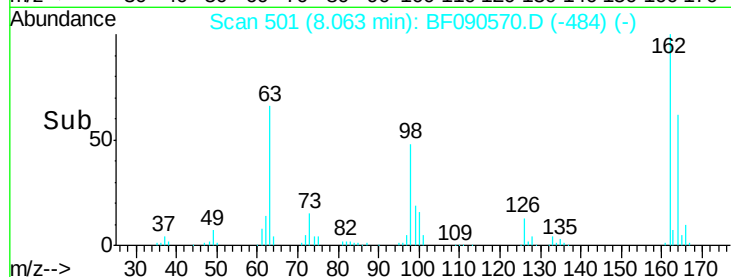
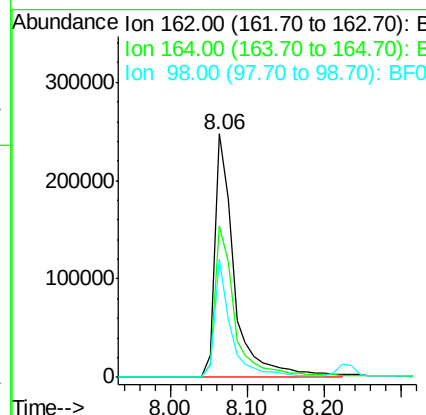
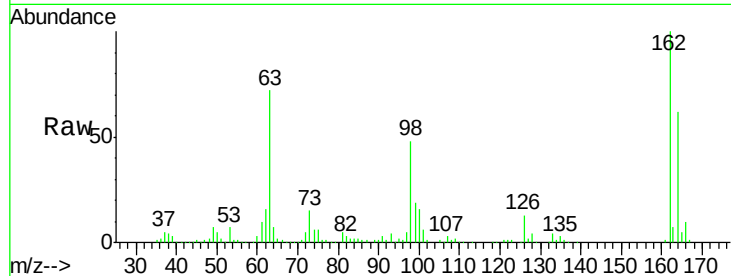
#29
2,4-Dichlorophenol
Concen: 39.00 ng
RT: 8.06 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	435108		
164	62.2	44.0	84.0	
98	48.4	18.0	58.0	

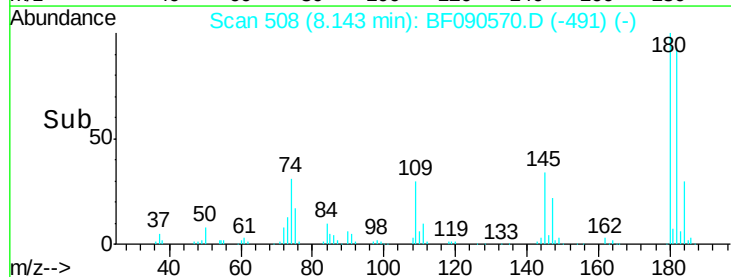
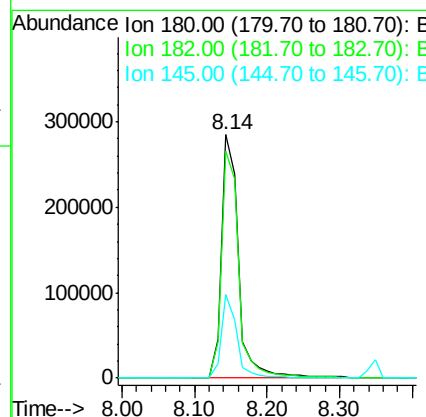
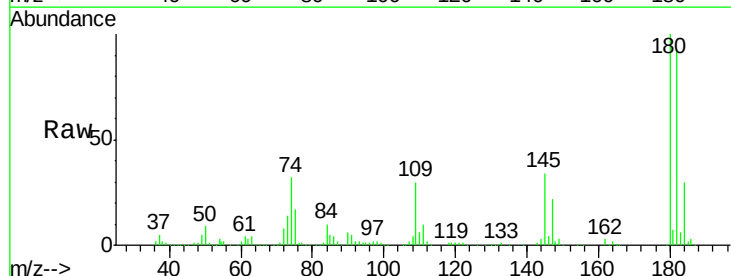
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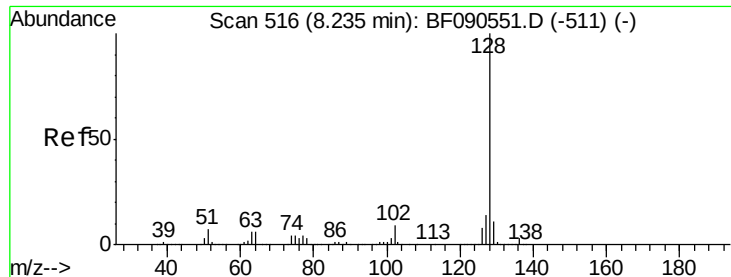
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#30
1,2,4-Trichlorobenzene
Concen: 35.53 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	464212		
182	93.0	77.2	115.8	
145	34.4	24.4	36.6	





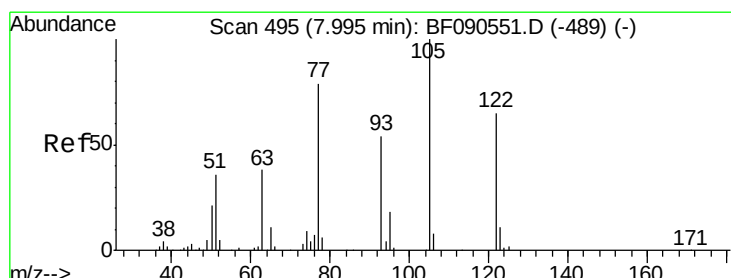
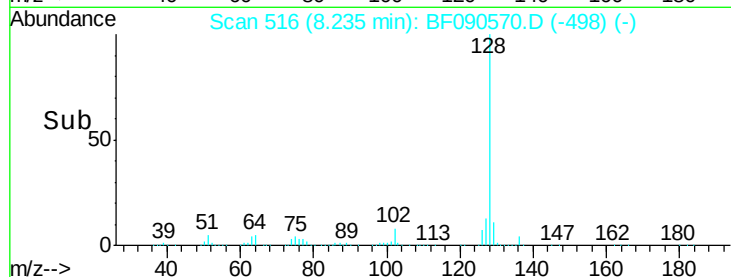
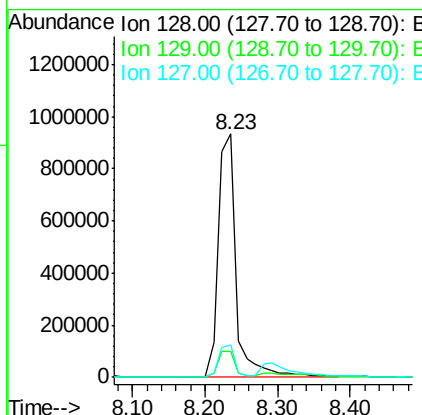
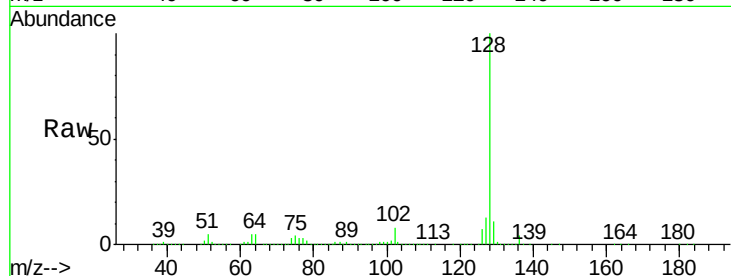
#31
Naphthalene
Concen: 34.27 ng
RT: 8.23 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.4	10.8	16.2

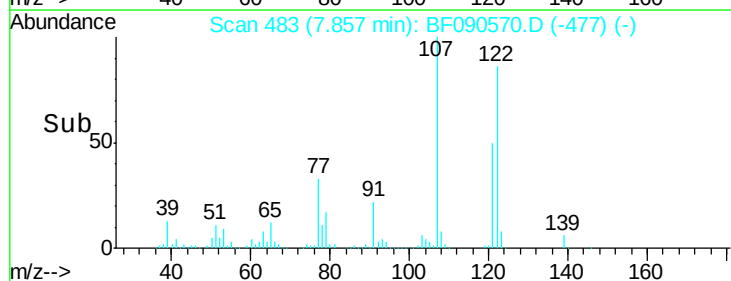
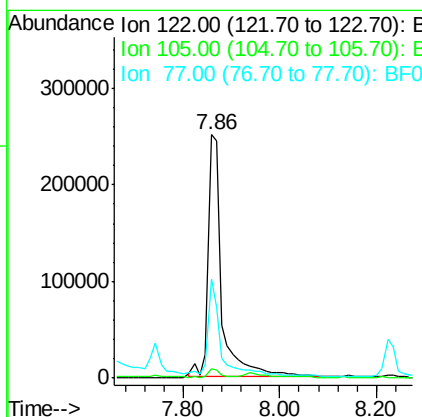
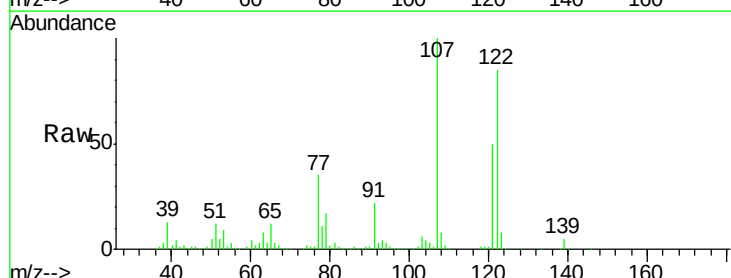
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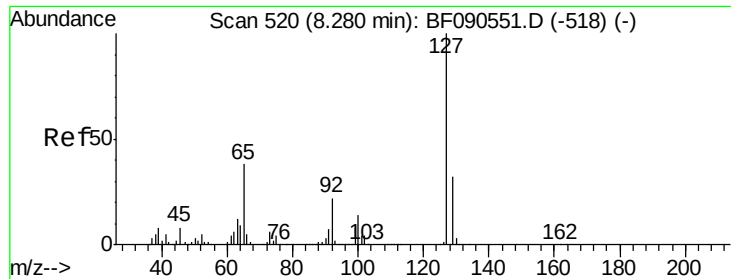
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#32
Benzoic acid
Concen: 63.35 ng
RT: 7.86 min Scan# 483
Delta R.T. -0.14 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.0	101.1	141.1#
77	40.5	84.7	124.7#





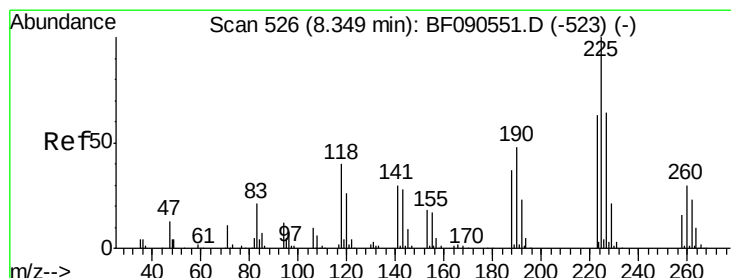
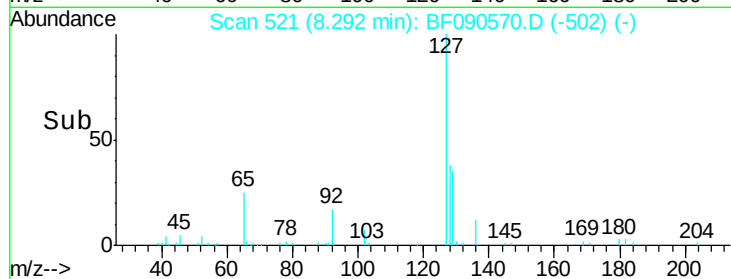
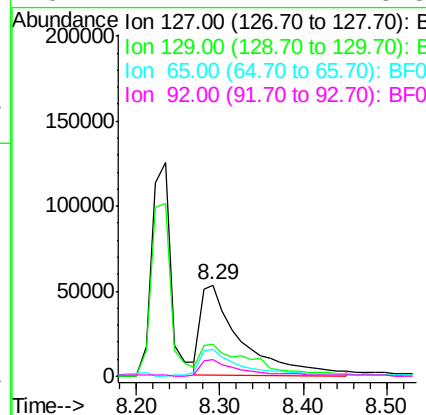
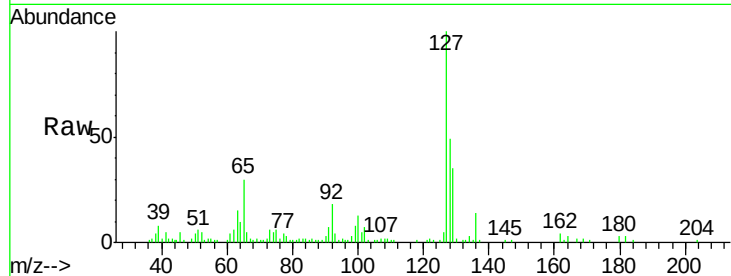
#33
4-Chloroaniline
Concen: 10.21 ng/ml
RT: 8.29 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.9	26.2	39.2	
65	30.0	30.1	45.1	
92	17.7	17.2	25.8	

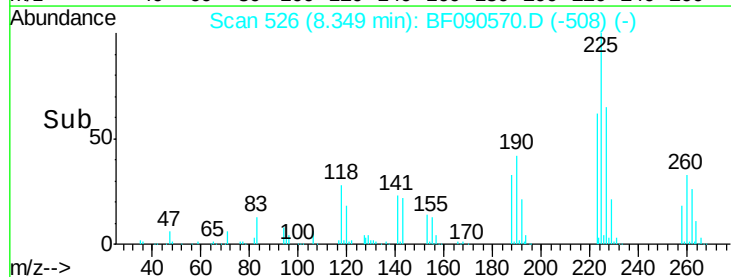
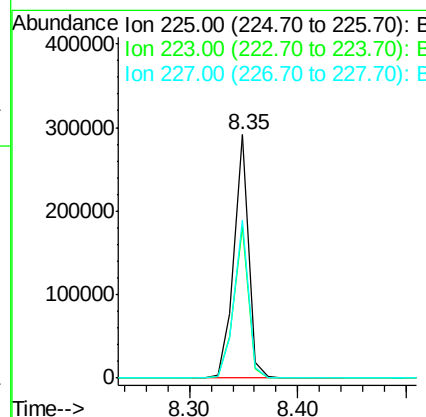
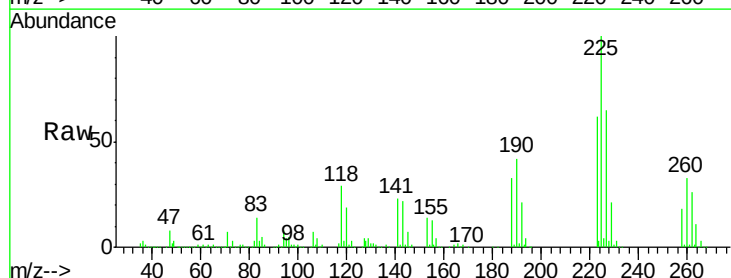
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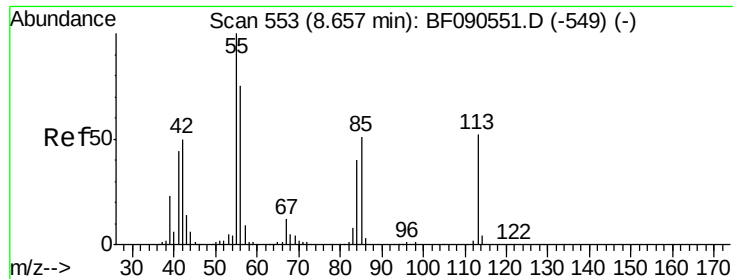
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#34
Hexachlorobutadiene
Concen: 37.17 ng/ml
RT: 8.35 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.6	76.0	
227	64.7	51.4	77.2	





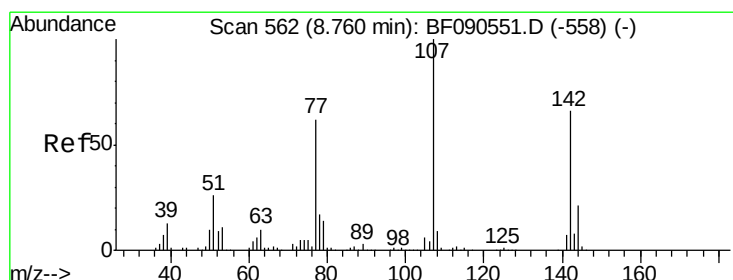
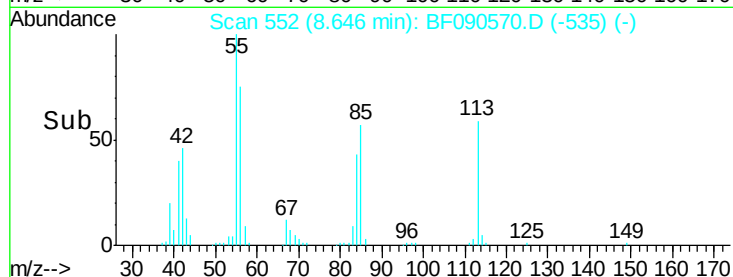
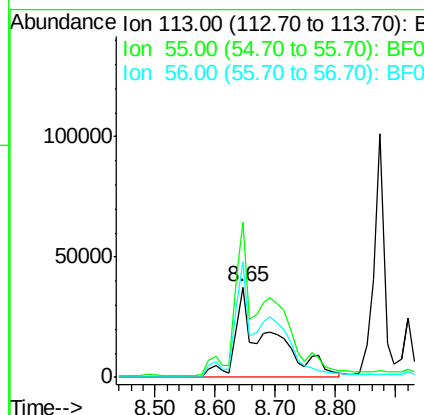
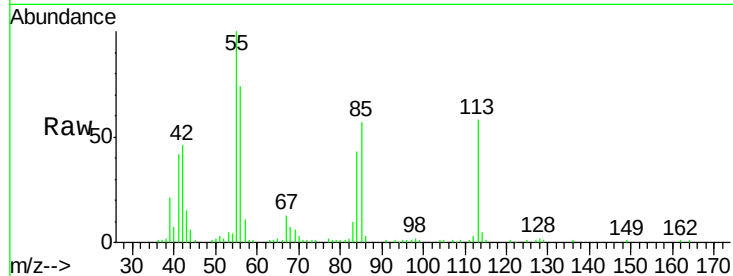
#35
 Caprolactam
 Concen: 48.12 ng/ml
 RT: 8.65 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Instrument :
 BNA_F
 ClientSampleID :
 MJSB-18(6-8)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	171.5		170.8	210.8	
56	127.7		122.4	162.4	

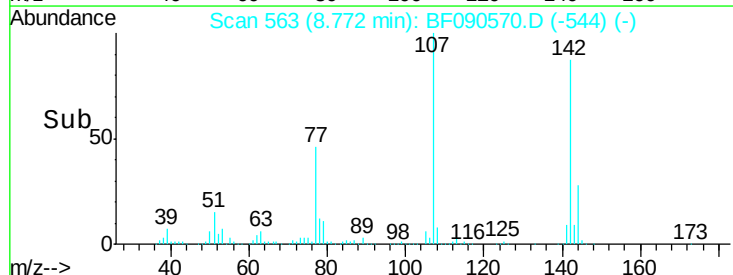
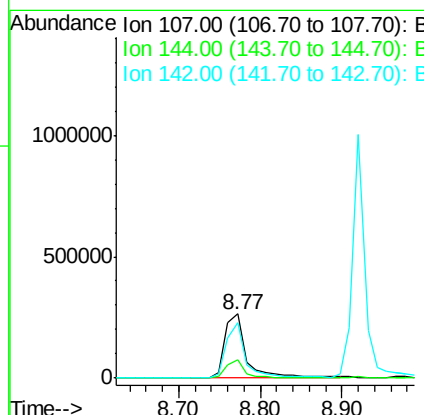
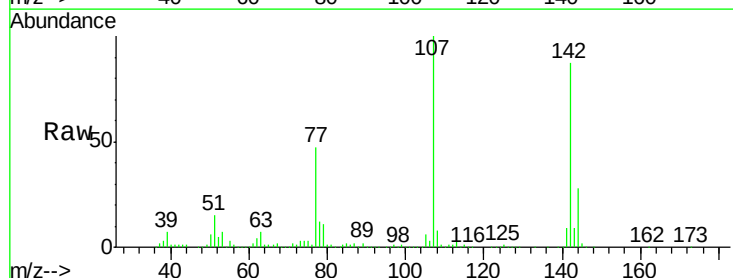
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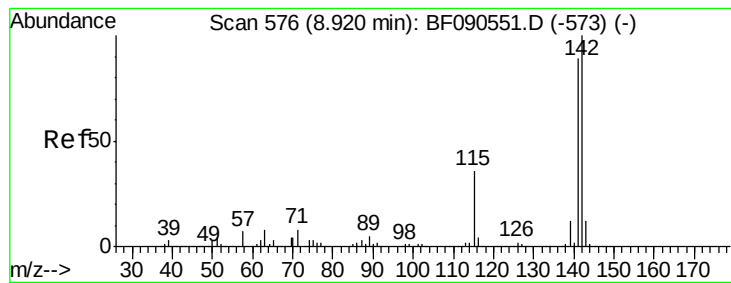
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#36
 4-Chloro-3-methylphenol
 Concen: 37.57 ng/ml
 RT: 8.77 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.2		16.9	25.3#	
142	86.8		52.5	78.7#	





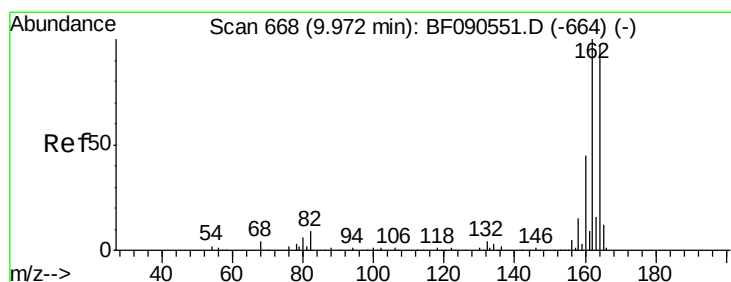
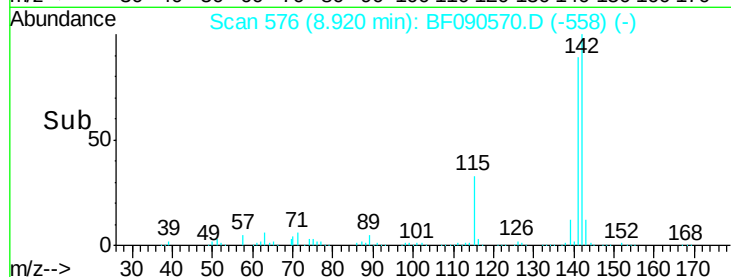
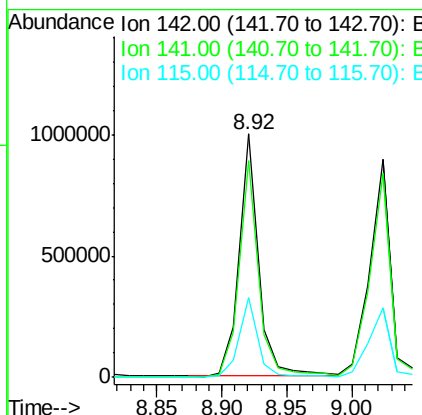
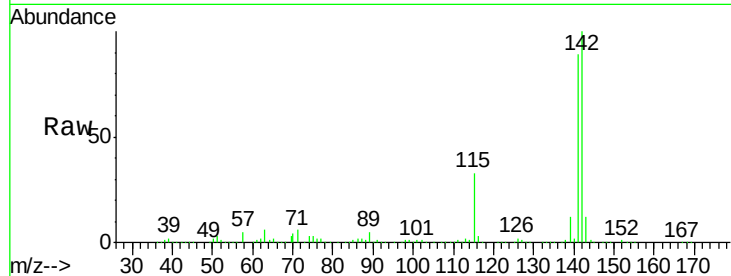
#37
2-Methylnaphthalene
Concen: 37.71 ng
RT: 8.92 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	32.6	28.8	43.2

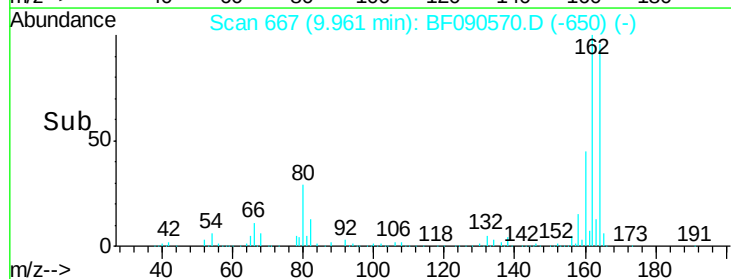
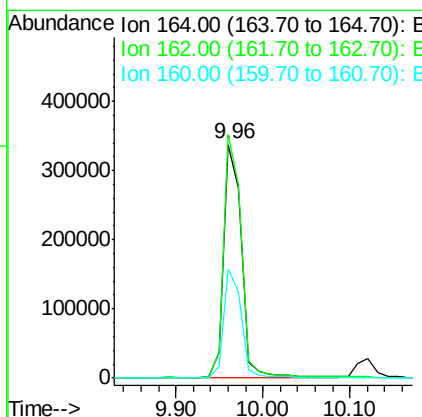
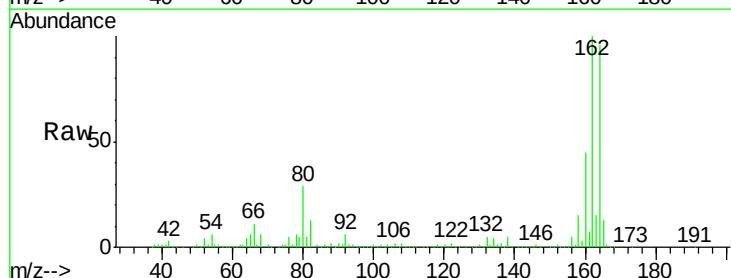
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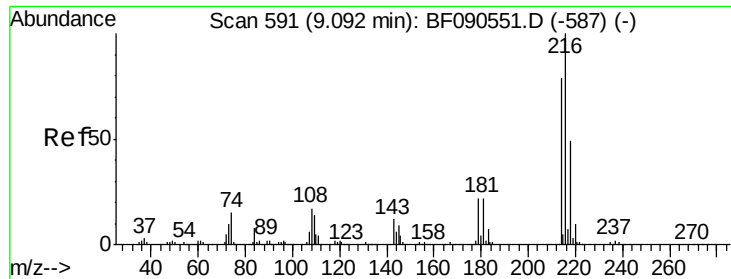
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.4
160	46.6	36.6	55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.06 ng

RT: 9.09 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

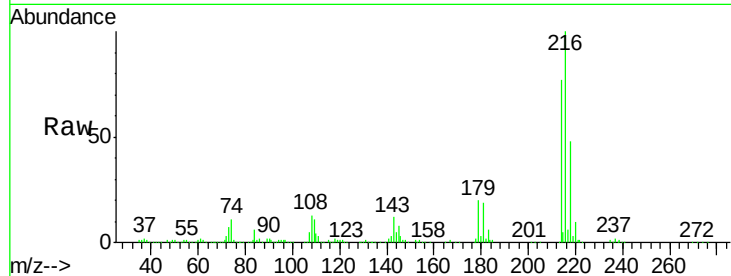
ClientSampleId :

MJSB-18(6-8)MS

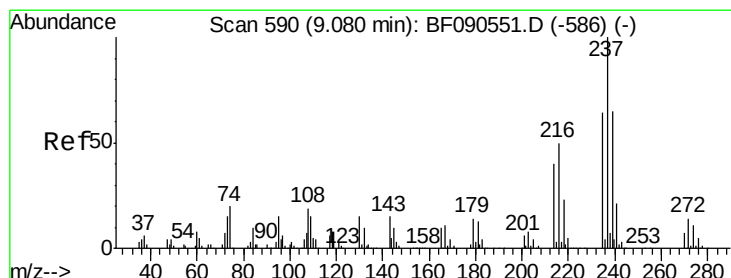
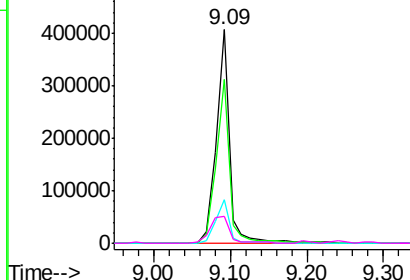
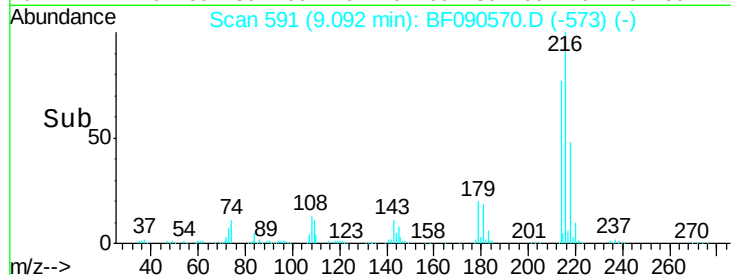
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		488285		
214	77.9	63.5	95.3		
179	21.6	18.9	28.3		
108	18.6	17.8	26.6		

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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: 71.77 ng

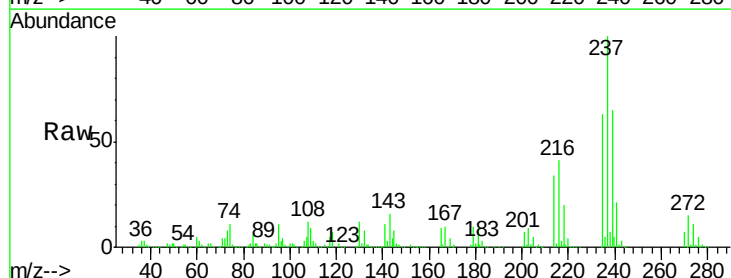
RT: 9.08 min Scan# 590

Delta R.T. 0.00 min

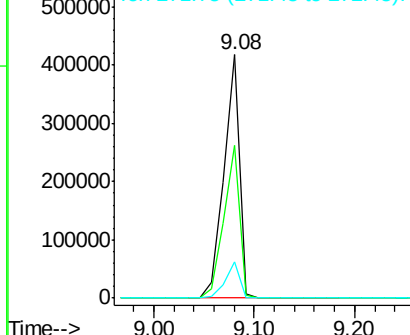
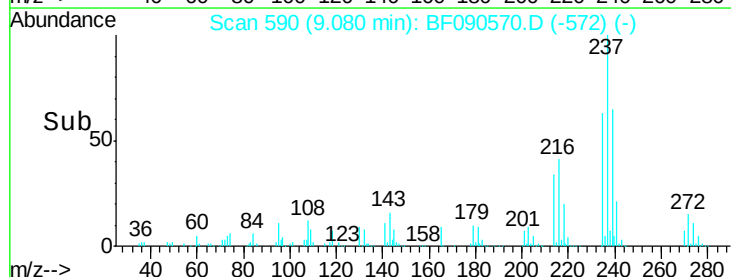
Lab File: BF090570.D

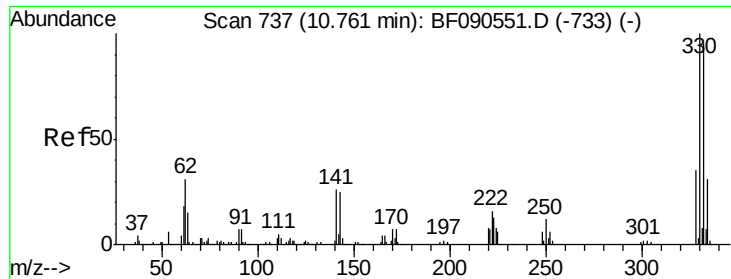
Acq: 14 Oct 2016 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		449786		
235	62.5	43.8	83.8		
272	14.7	0.0	33.7		



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





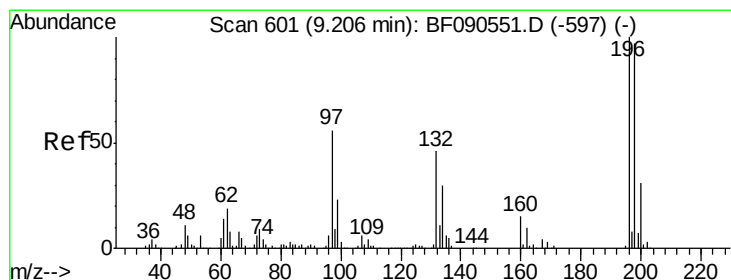
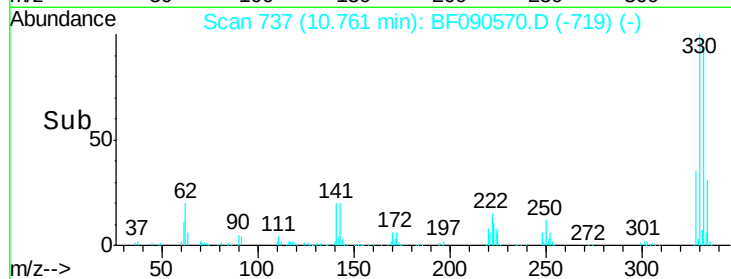
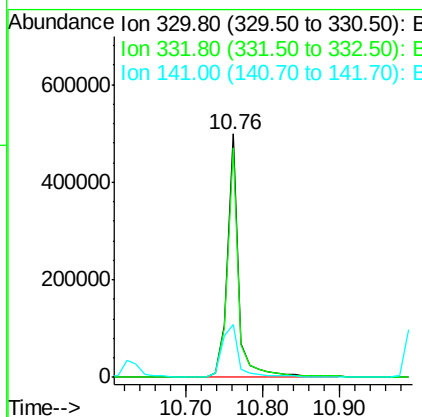
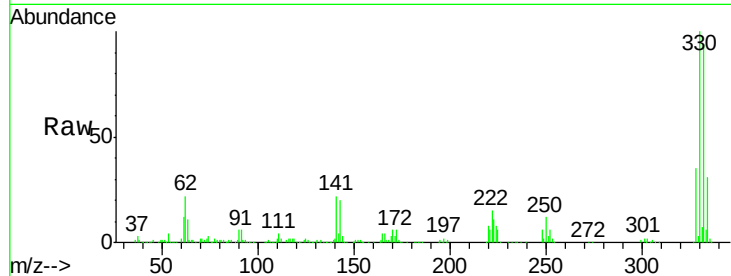
#41
 2,4,6-Tribromophenol
 Concen: 122.37 ng
 RT: 10.76 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	527859		
332	95.0	76.2	114.2	
141	31.5	31.4	47.2	

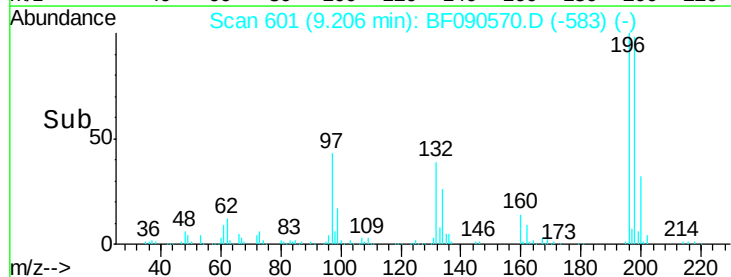
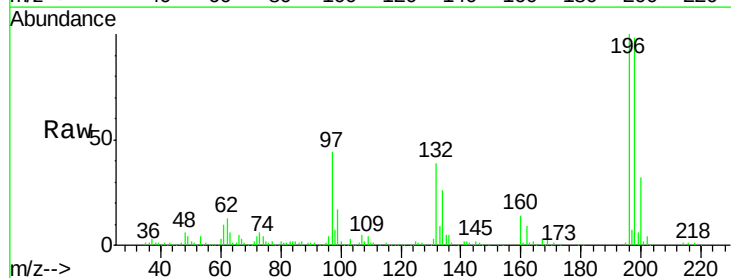
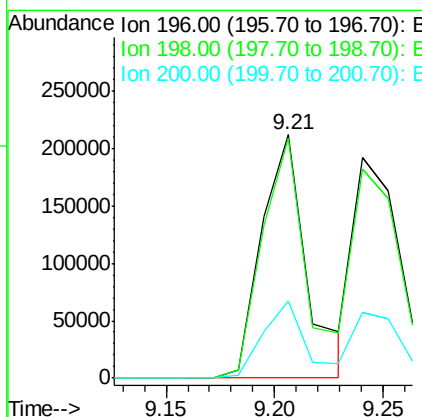
Manual Integrations
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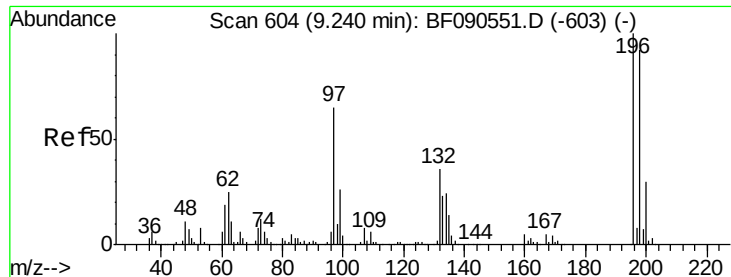
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#42
 2,4,6-Trichlorophenol
 Concen: 42.53 ng
 RT: 9.21 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307777		
198	98.5	77.9	116.9	
200	31.9	25.1	37.7	





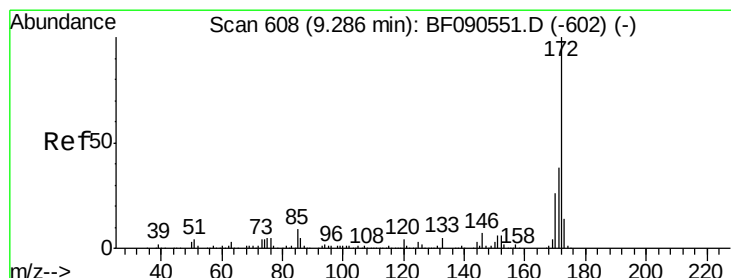
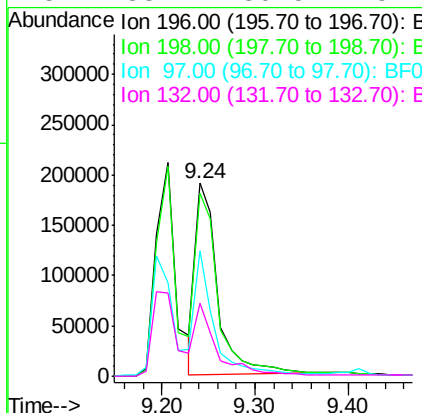
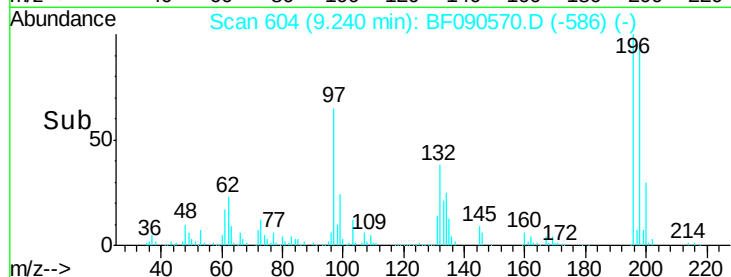
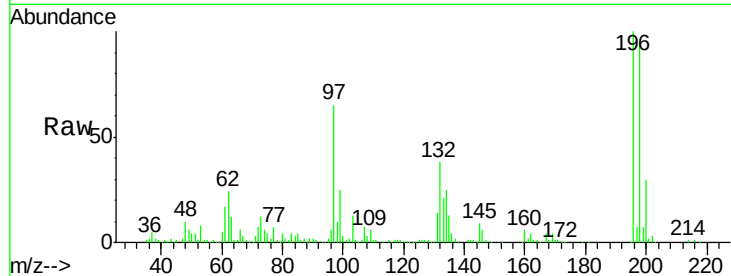
#43
2,4,5-Trichlorophenol
Concen: 37.29 ng
RT: 9.24 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		321886		
198	94.9	74.0	111.0		
97	65.3	54.7	82.1		
132	38.1	30.5	45.7		

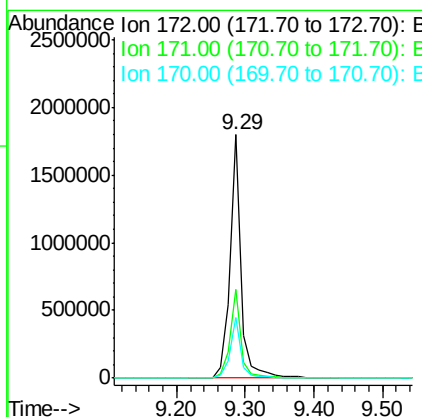
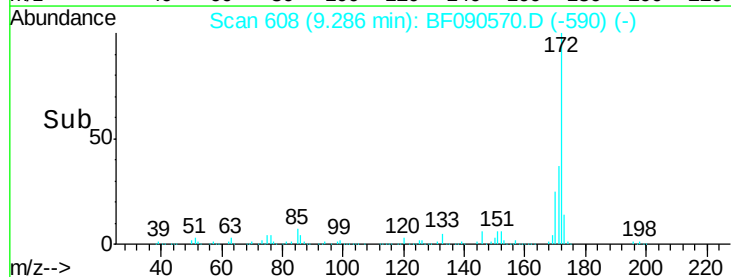
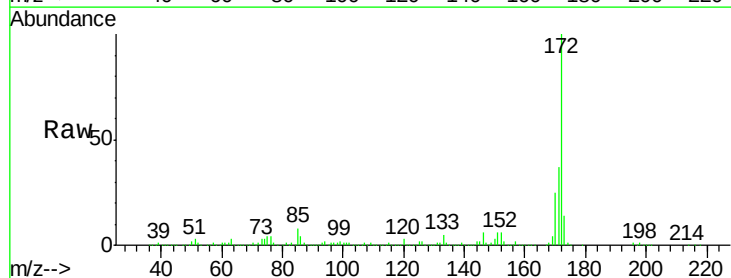
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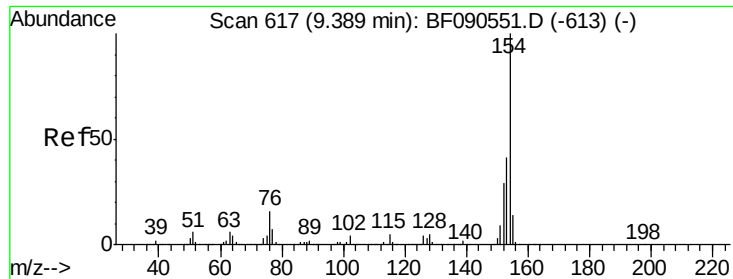
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#44
2-Fluorobiphenyl
Concen: 70.46 ng
RT: 9.29 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2068838		
171	36.6	30.1	45.1		
170	25.0	20.6	30.8		





#45

1,1'-Biphenyl

Concen: 36.10 ng

RT: 9.39 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MS

Tot Ion:154 Resp: 1329074

Ion Ratio Lower Upper

154 100

153 41.1 21.5 61.5

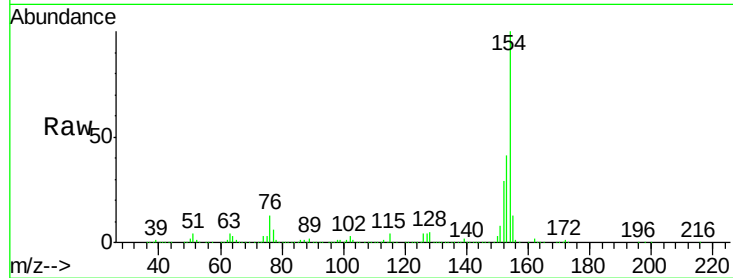
76 12.6 0.0 36.0

Manual Integrations

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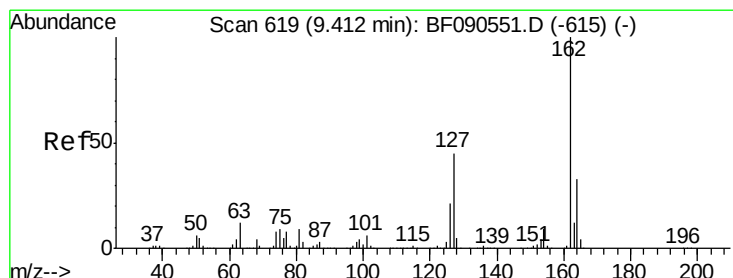
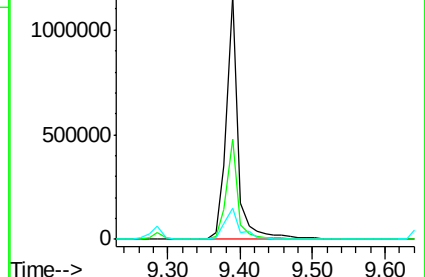
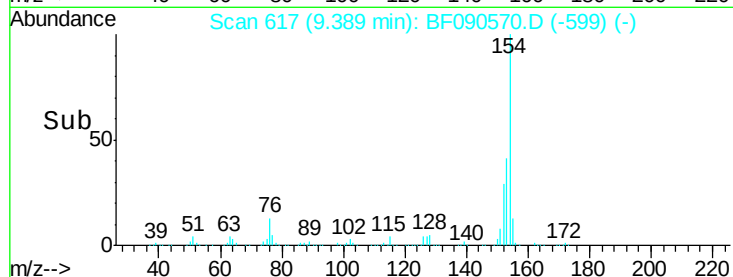
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.51 ng

RT: 9.41 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

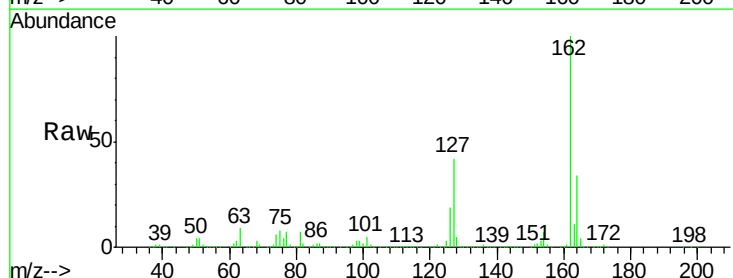
Tgt Ion:162 Resp: 1029671

Ion Ratio Lower Upper

162 100

127 41.9 35.9 53.9

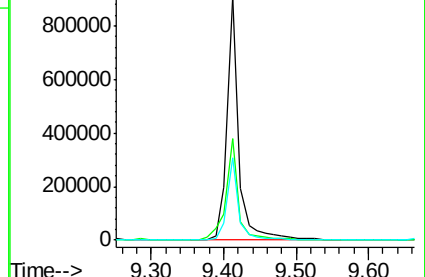
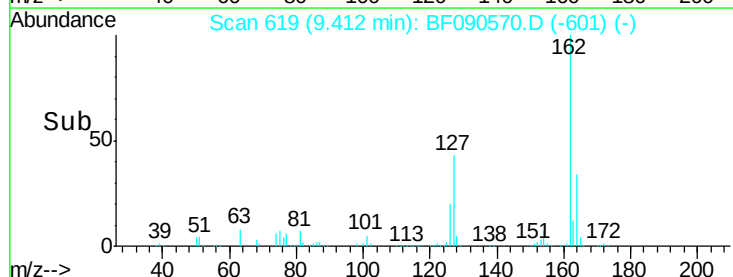
164 33.6 26.7 40.1

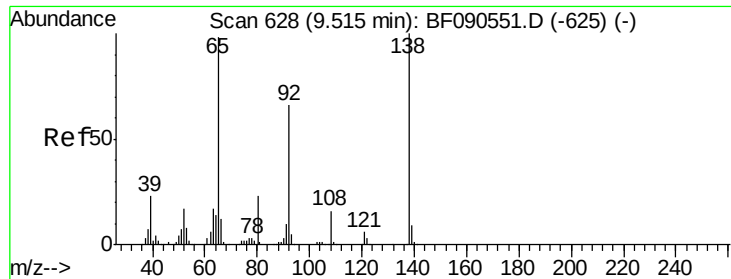


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





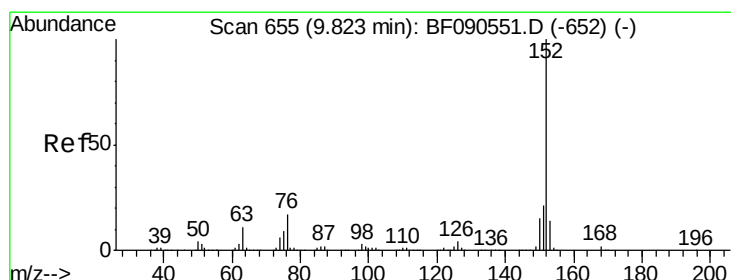
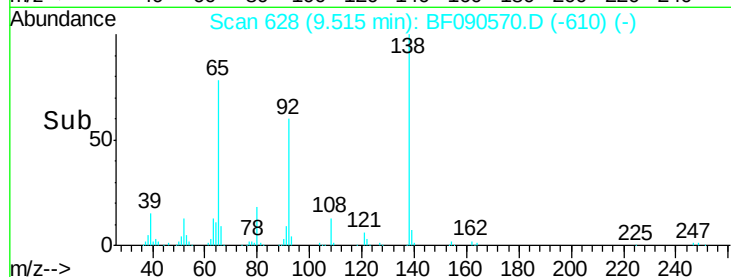
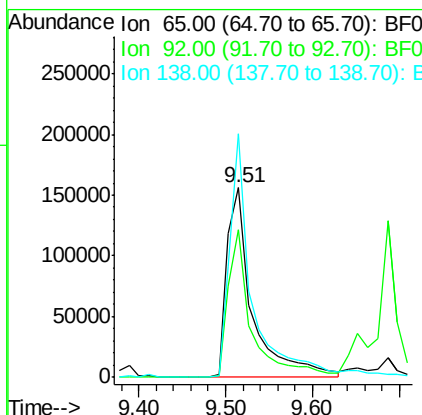
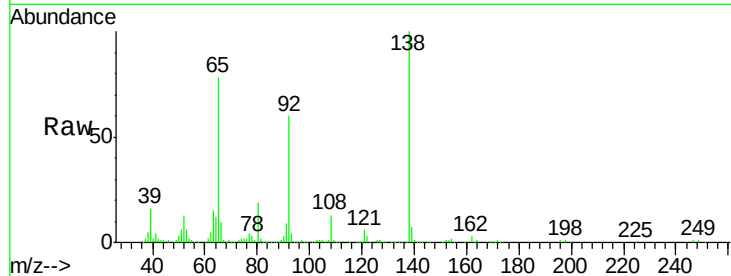
#47
2-Nitroaniline
Concen: 31.86 ng
RT: 9.51 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.7	54.3	81.5
138	128.5	81.7	122.5

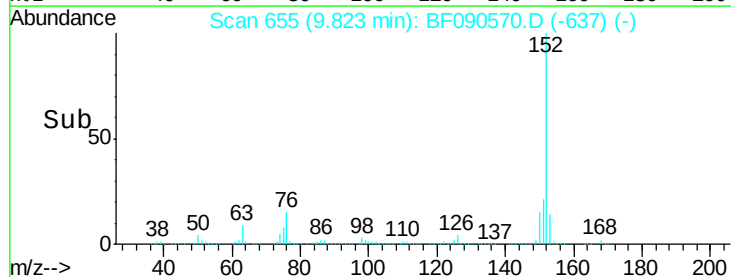
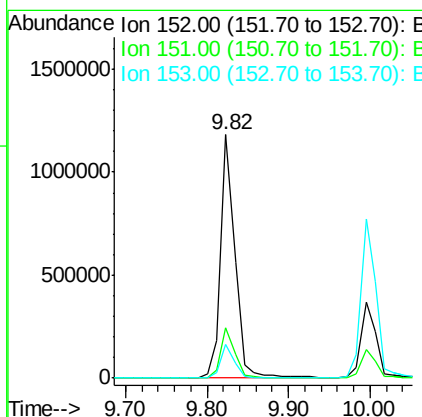
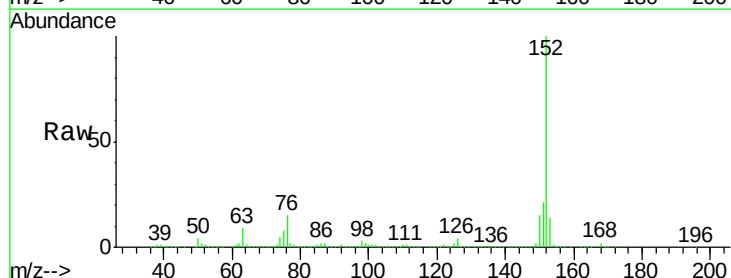
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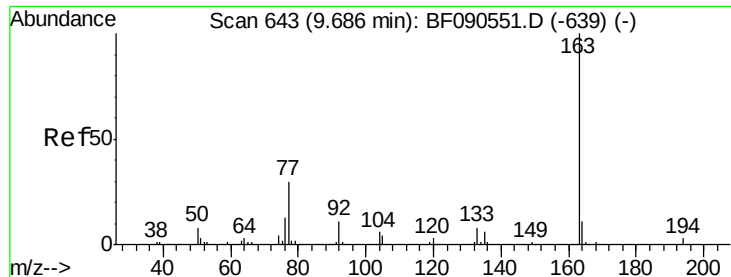
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#48
Acenaphthylene
Concen: 32.94 ng
RT: 9.82 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0
153	14.0	11.3	16.9





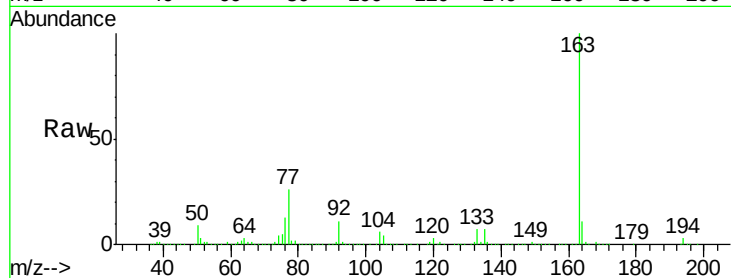
#49
Dimethylphthalate
Concen: 52.91 ng
RT: 9.69 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.3	3.5
164	11.3	8.6	13.0

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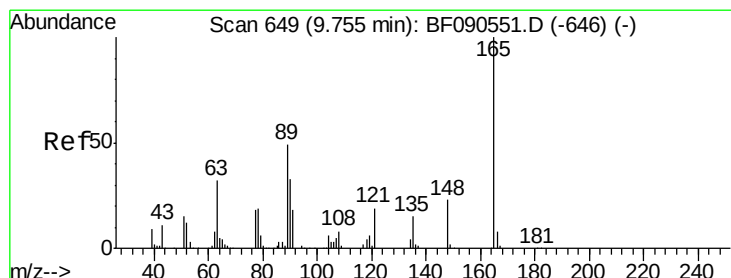
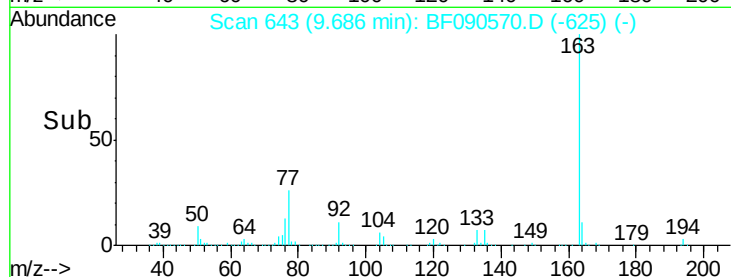
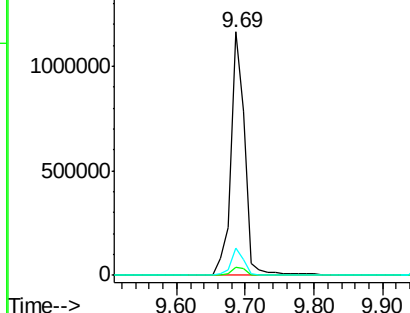


Abundance

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: 37.82 ng
RT: 9.75 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

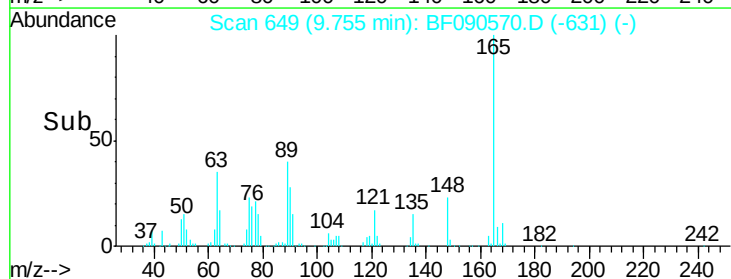
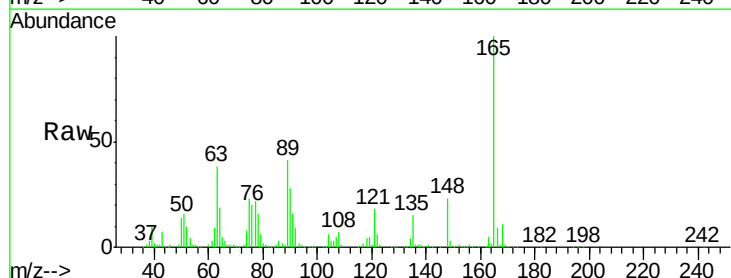
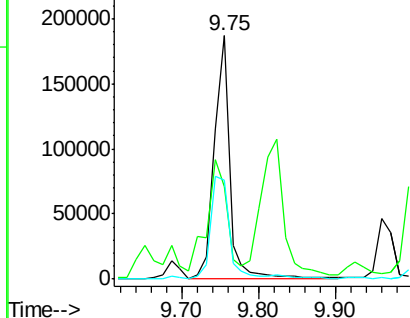
Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.0	40.1	60.1#
89	40.7	39.5	59.3

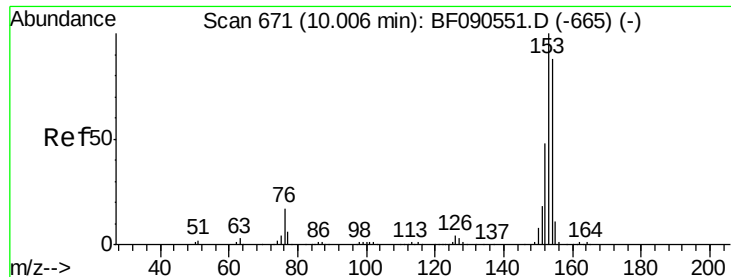
Abundance

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: 32.20 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

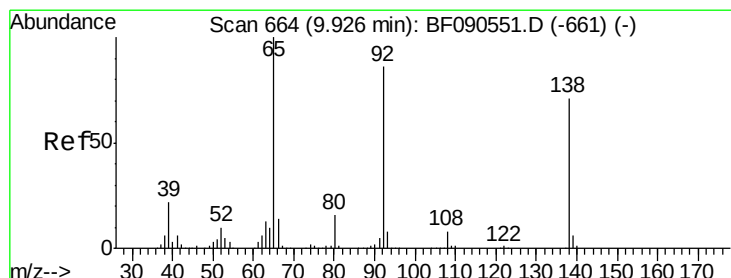
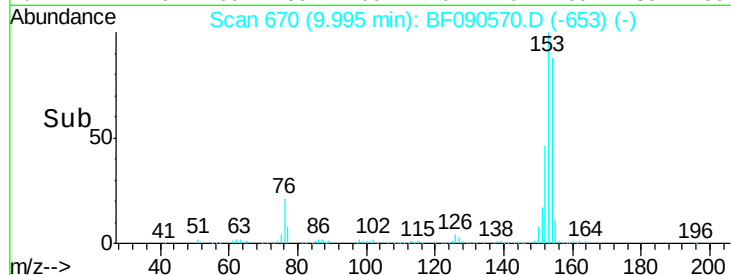
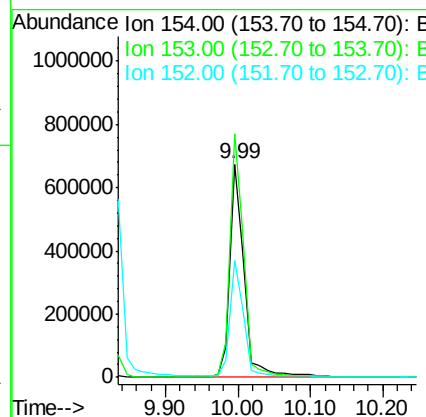
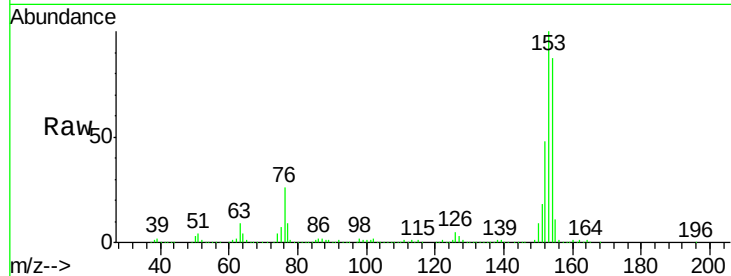
ClientSampleId :

MJSB-18(6-8)MS

Tot Ion:	154	Resp:	935697
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	54.9	44.0	66.0

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#52

3-Nitroaniline

Concen: 18.36 ng

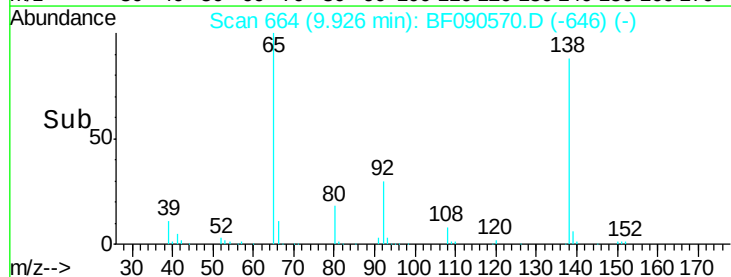
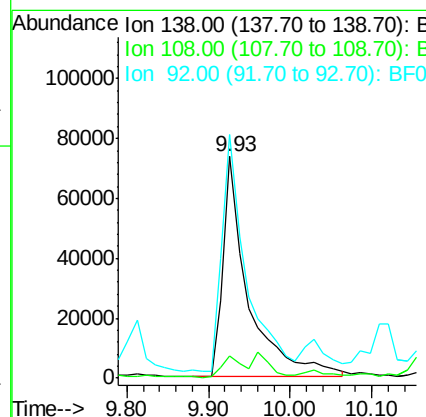
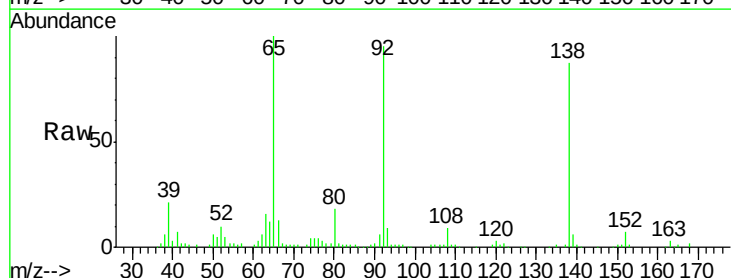
RT: 9.93 min Scan# 664

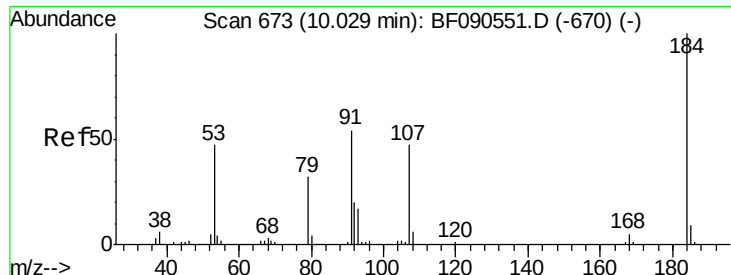
Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Tgt Ion:	138	Resp:	158279
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.6	12.8
92	109.9	97.8	146.8





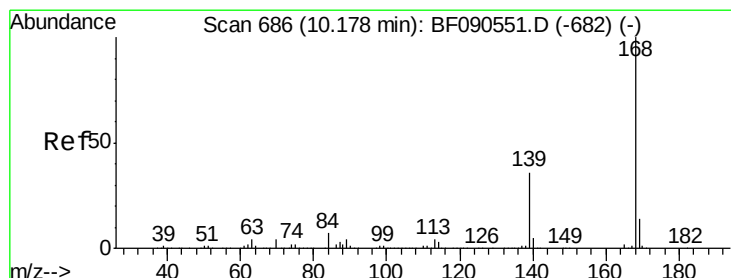
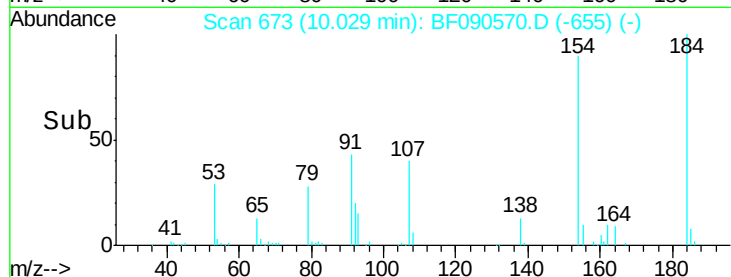
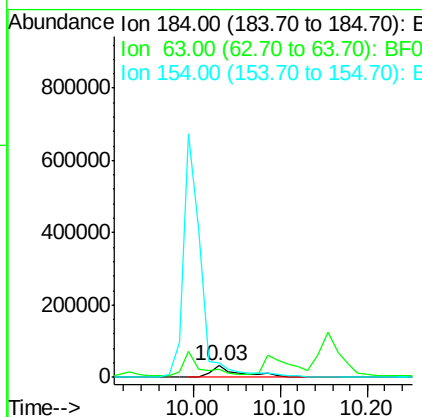
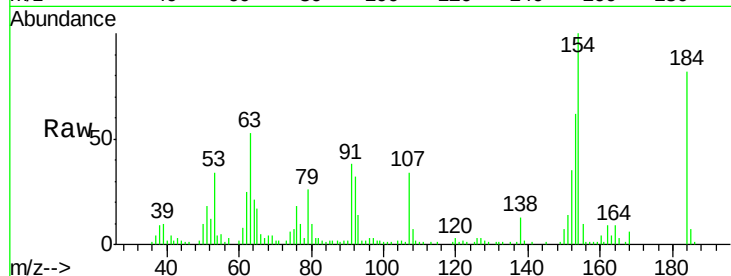
#53
 2,4-Dinitrophenol
 Concen: 25.66 ng
 RT: 10.03 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	65.2	60.2	90.2	
154	122.3	86.1	129.1	

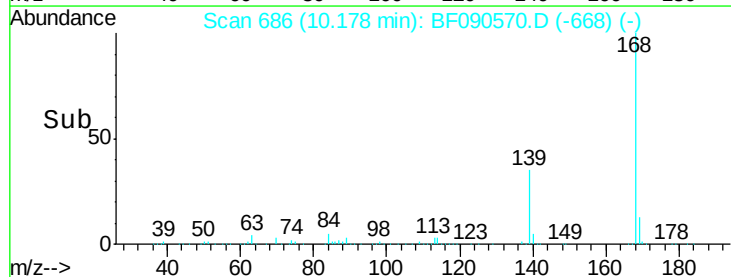
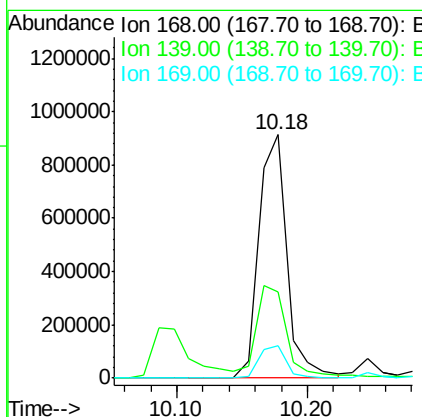
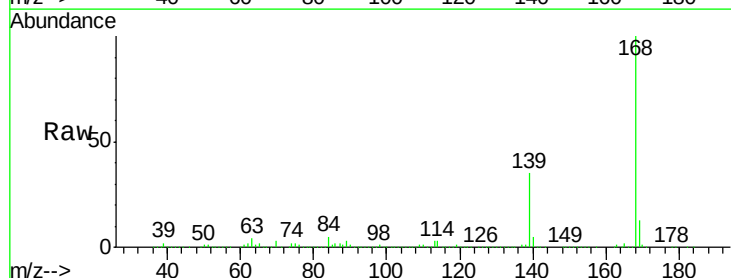
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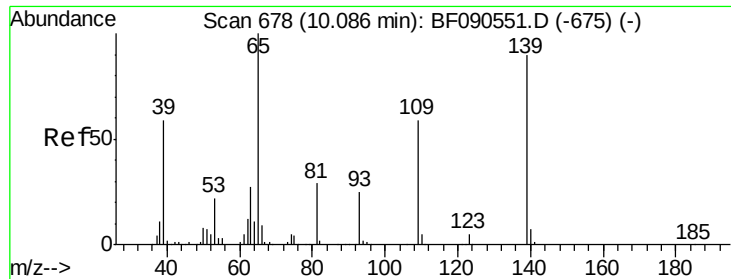
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#54
 Dibenzofuran
 Concen: 36.07 ng
 RT: 10.18 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.2	30.5	45.7	
169	13.1	10.9	16.3	





#55

4-Nitrophenol

Concen: 74.54 ng

RT: 10.09 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

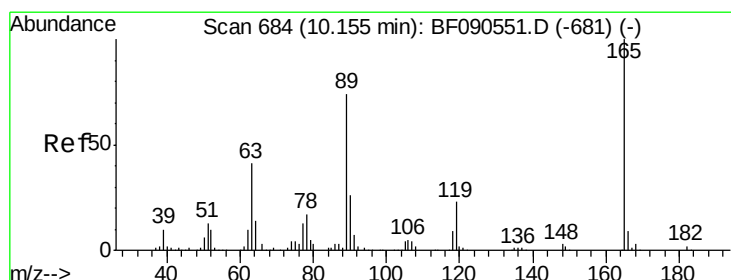
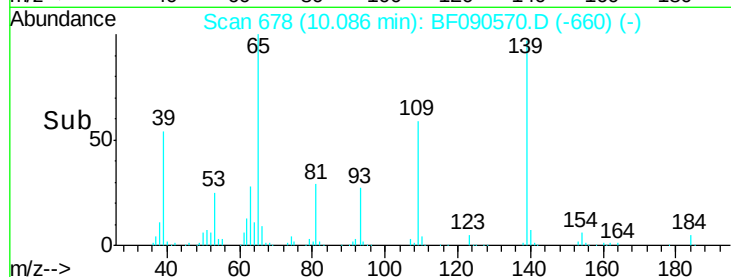
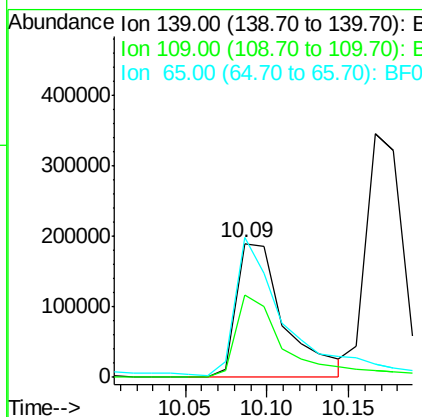
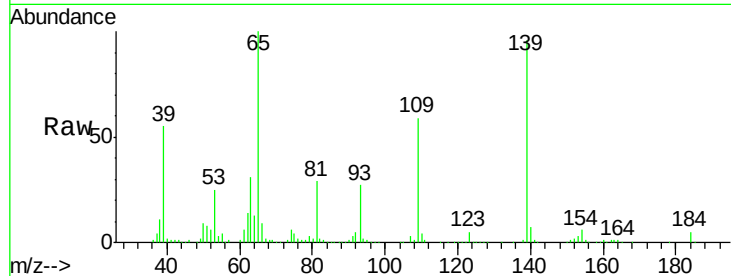
ClientSampleId :

MJSB-18(6-8)MS

Tot Ion:	139	Resp:	386682
Ion Ratio	Lower	Upper	
139	100		
109	61.3	45.9	85.9
65	104.0	95.8	135.8

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 39.32 ng

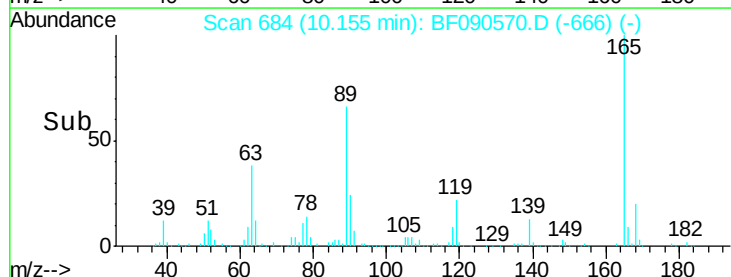
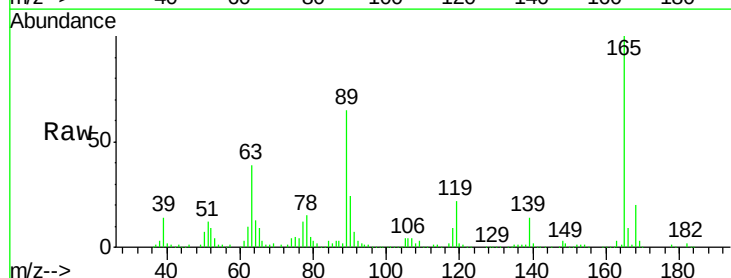
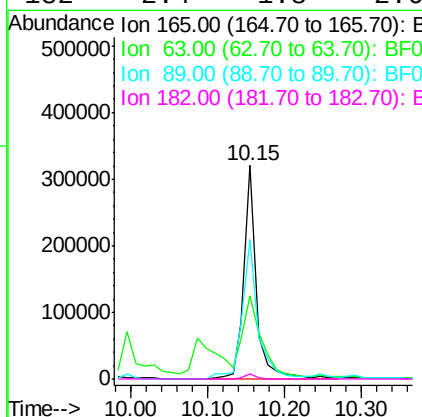
RT: 10.15 min Scan# 684

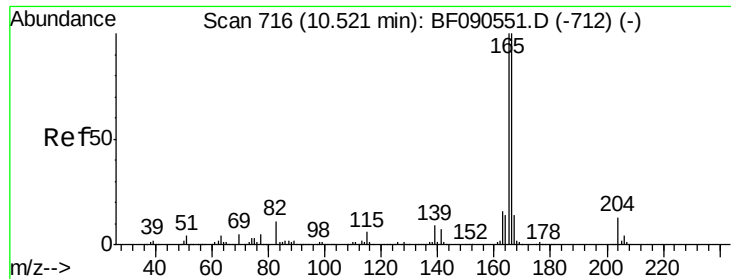
Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Tgt Ion:	165	Resp:	366851
Ion Ratio	Lower	Upper	
165	100		
63	39.2	35.4	53.0
89	65.4	59.0	88.4
182	2.4	1.8	2.6





#57
Fluorene
 Concen: 35.03 ng
 RT: 10.51 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

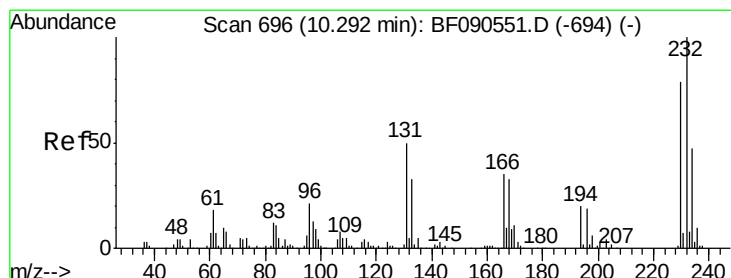
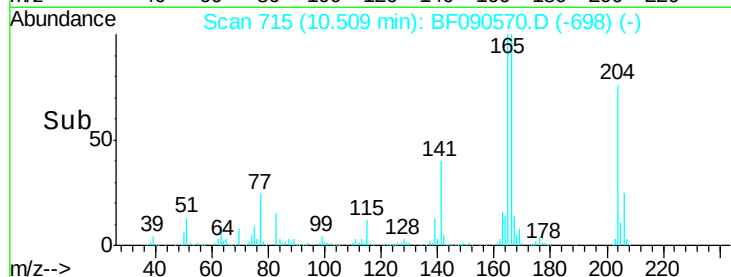
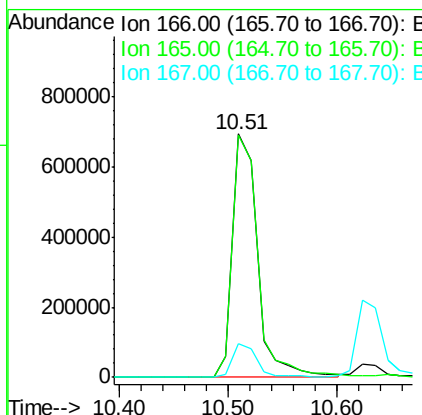
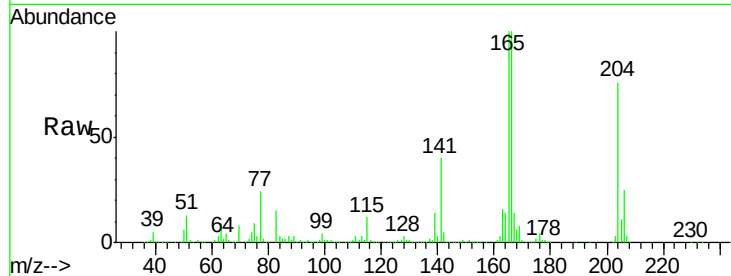
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MS

Tot Ion:166 Resp: 1104300

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.9	119.9
167	14.1	10.9	16.3

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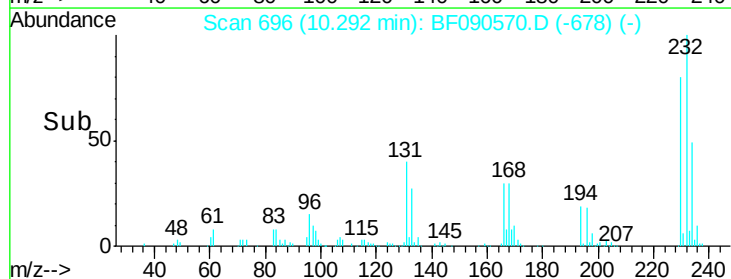
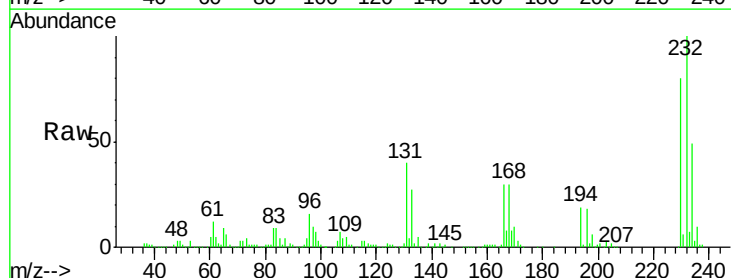
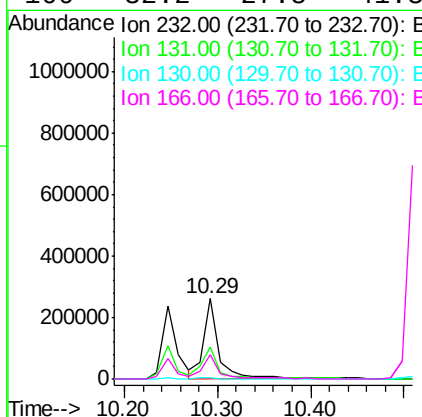
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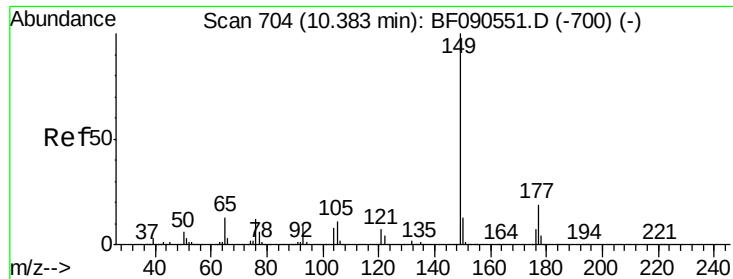


#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.37 ng
 RT: 10.29 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Tgt Ion:232 Resp: 297429

Ion	Ratio	Lower	Upper
232	100		
131	40.8	42.6	64.0#
130	1.7	1.8	2.8#
166	32.2	27.5	41.3





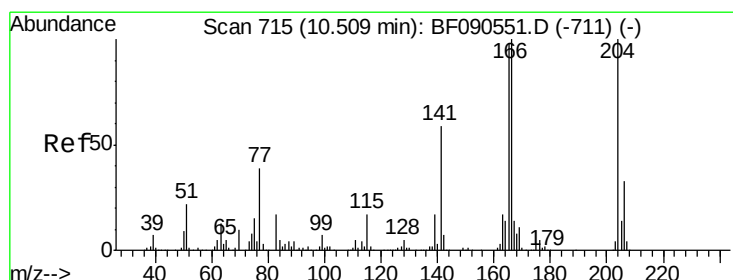
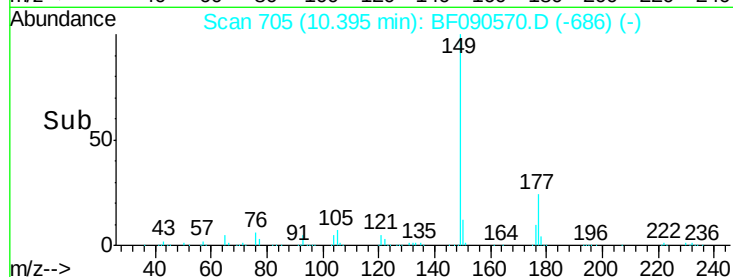
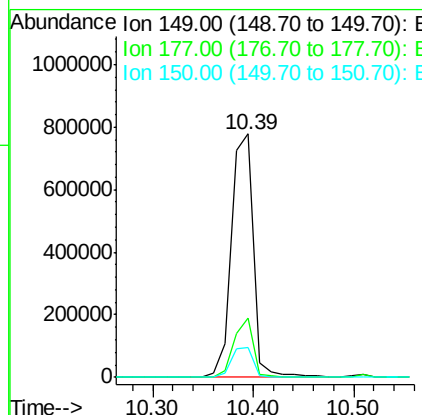
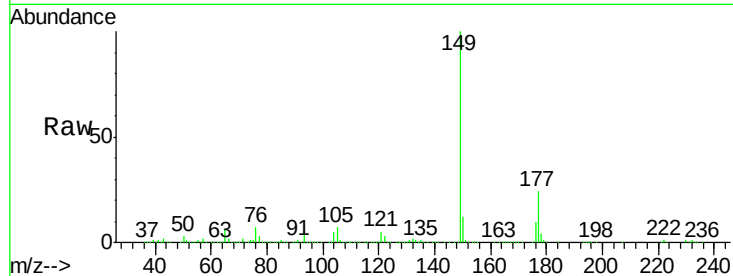
#59
Diethylphthalate
Concen: 37.17 ng
RT: 10.39 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion:149 Resp: 1183249
Ion Ratio Lower Upper
149 100
177 24.2 15.3 22.9#
150 12.2 10.3 15.5

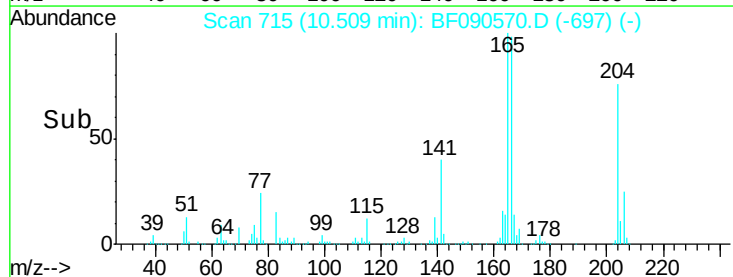
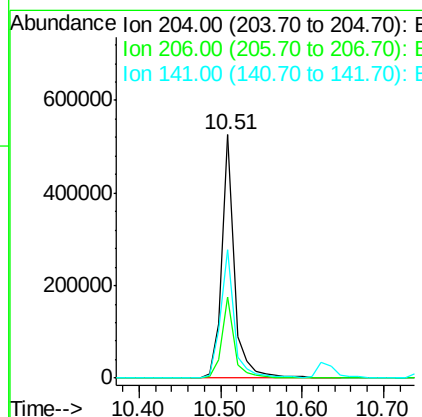
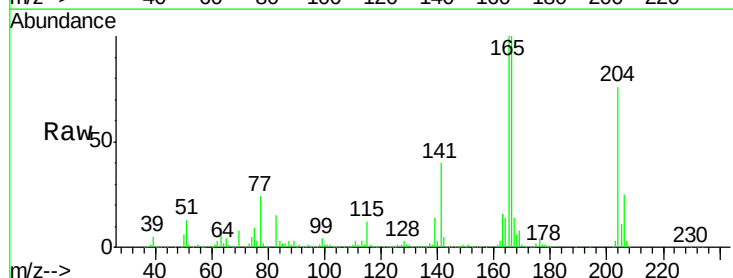
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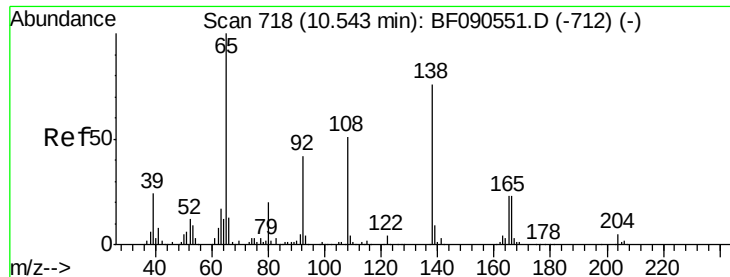
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#60
4-Chlorophenyl-phenylether
Concen: 38.05 ng
RT: 10.51 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion:204 Resp: 565430
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 52.8 47.2 70.8





#61

4-Nitroaniline

Concen: 31.53 ng

RT: 10.54 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

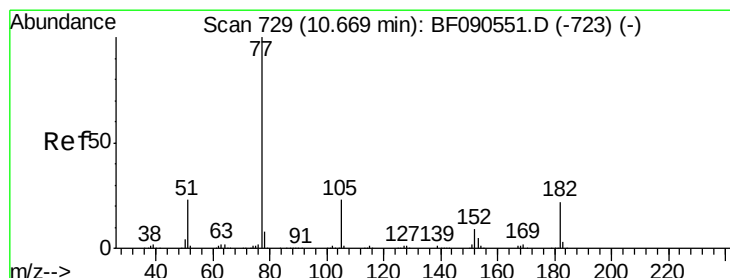
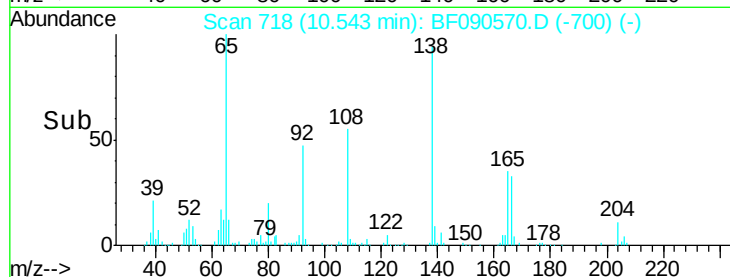
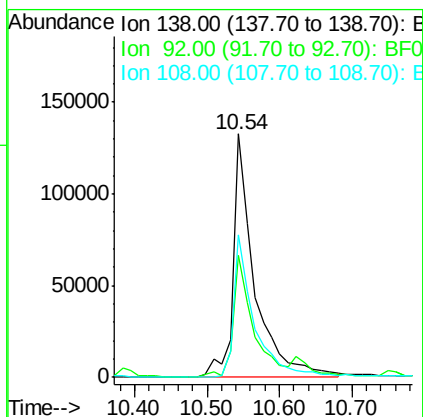
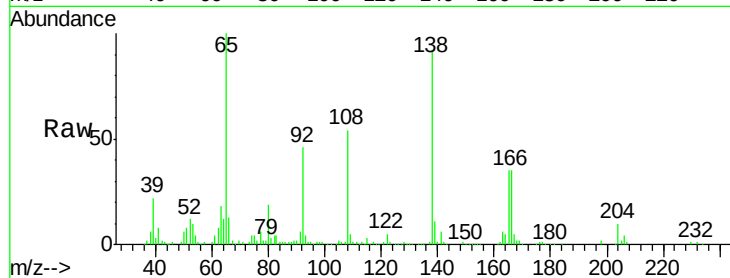
ClientSampleId :

MJSB-18(6-8)MS

Tot Ion:	138	Resp:	272551
Ion Ratio	Lower	Upper	
138	100		
92	50.0	35.7	75.7
108	58.6	46.9	86.9

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#62

Azobenzene

Concen: 35.19 ng

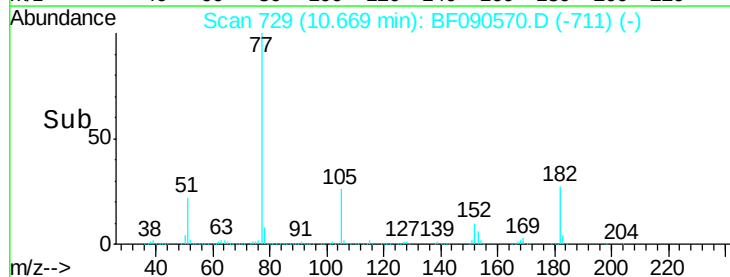
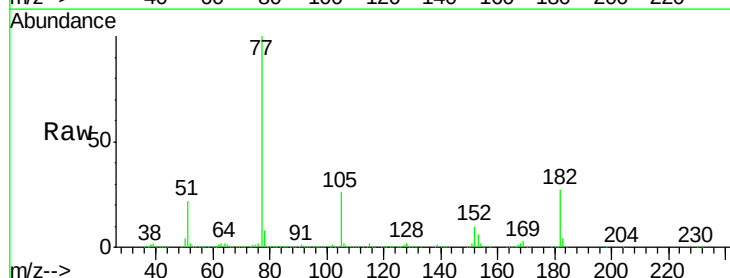
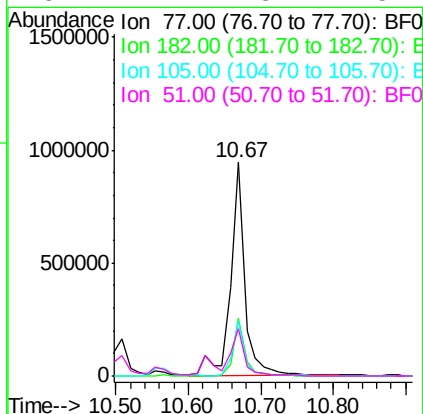
RT: 10.67 min Scan# 729

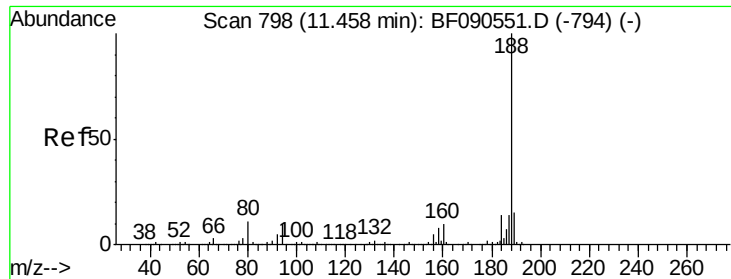
Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Tgt Ion:	77	Resp:	1295795
Ion Ratio	Lower	Upper	
77	100		
182	26.7	2.2	42.2
105	25.9	3.5	43.5
51	22.2	3.7	43.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

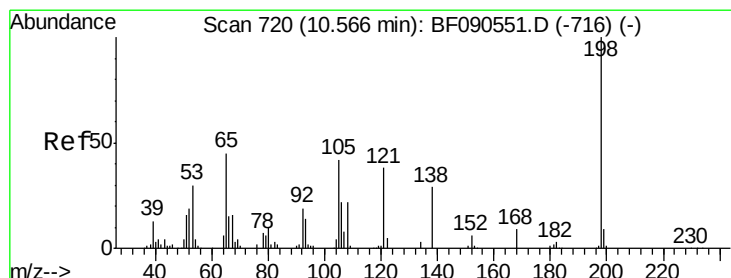
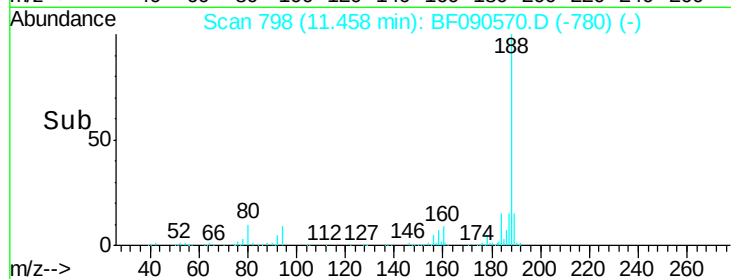
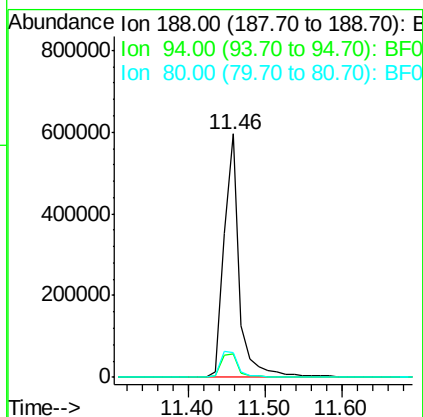
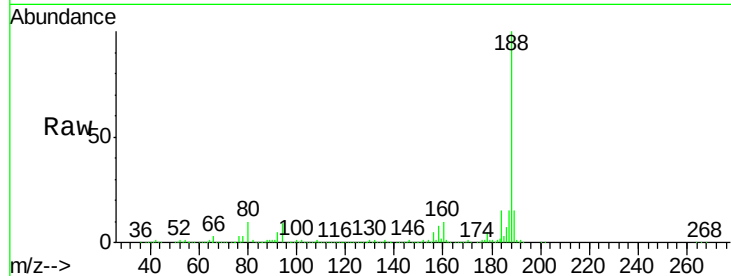
ClientSampleId :

MJSB-18(6-8)MS

Tot Ion:	188	Resp:	837580
Ion Ratio	Lower	Upper	
188	100		
94	9.4	7.7	11.5
80	10.2	8.6	12.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 26.92 ng

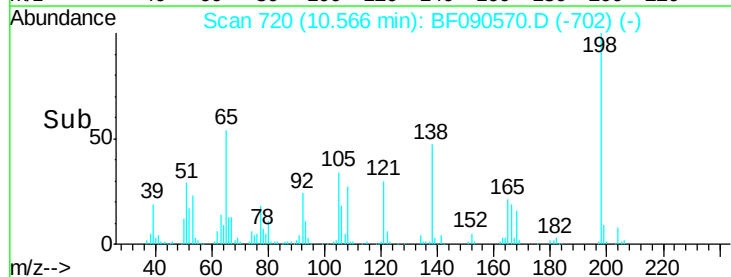
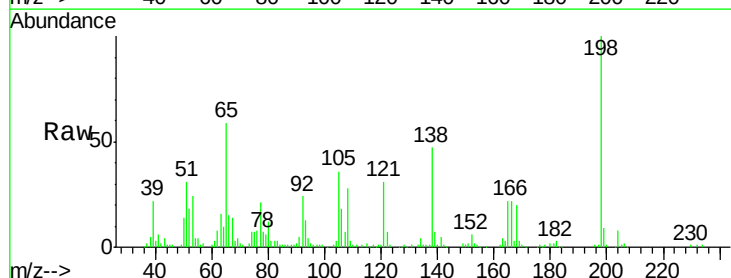
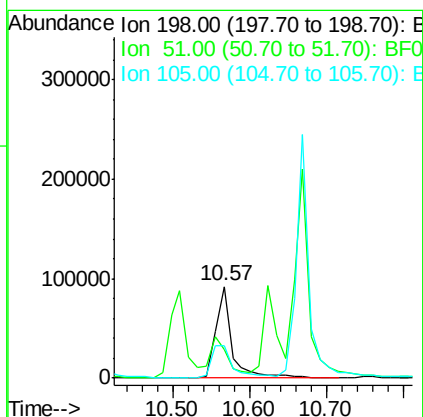
RT: 10.57 min Scan# 720

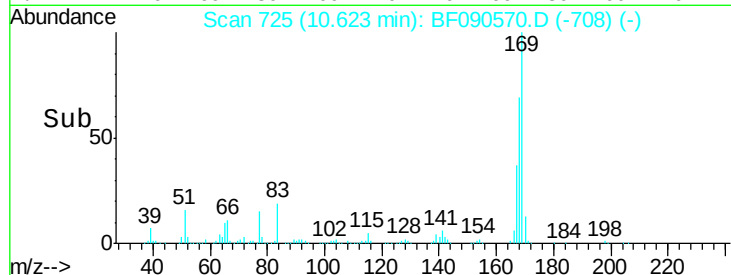
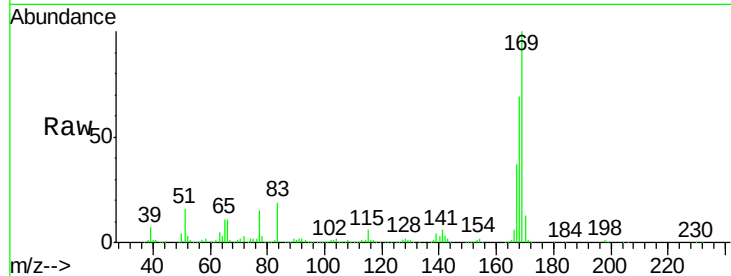
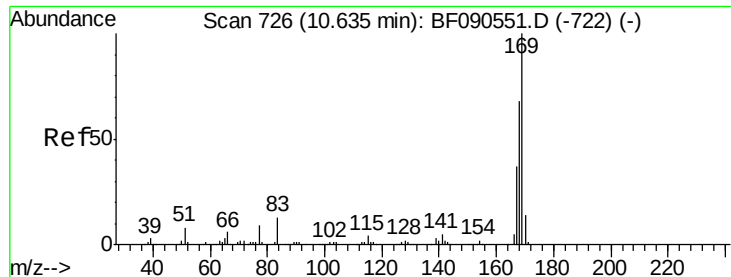
Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Tgt Ion:	198	Resp:	136467
Ion Ratio	Lower	Upper	
198	100		
51	30.9	19.7	59.7
105	36.0	22.6	62.6





#65

n-Nitrosodiphenylamine

Concen: 34.90 ng

RT: 10.62 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Tot Ion:	169	Resp:	965498
Ion Ratio	Lower	Upper	
169	100		
168	69.2	54.6	81.8
167	37.1	29.8	44.8

Instrument :

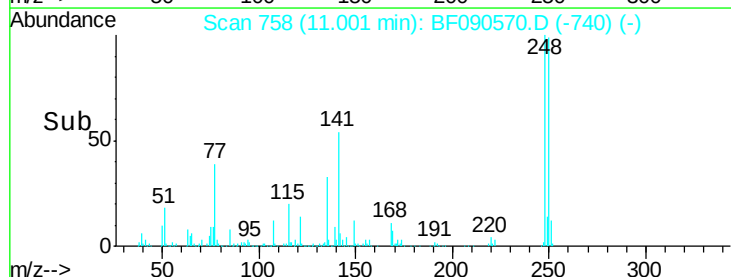
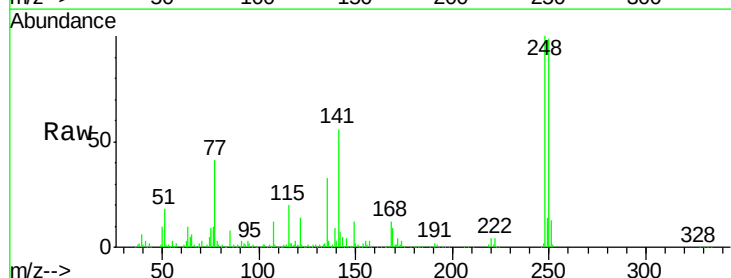
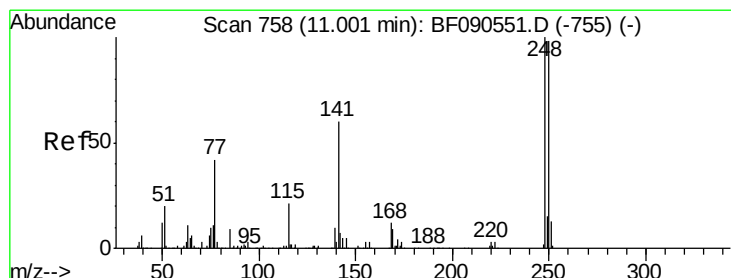
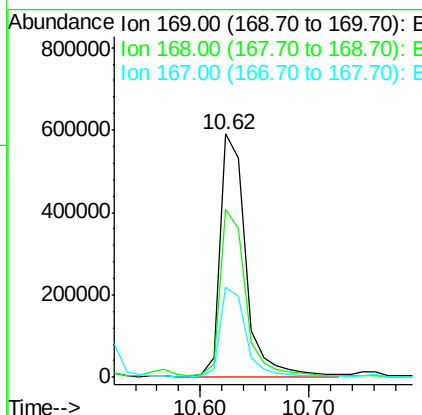
BNA_F

ClientSampleId :

MJSB-18(6-8)MS

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#66

4-Bromophenyl-phenylether

Concen: 37.19 ng

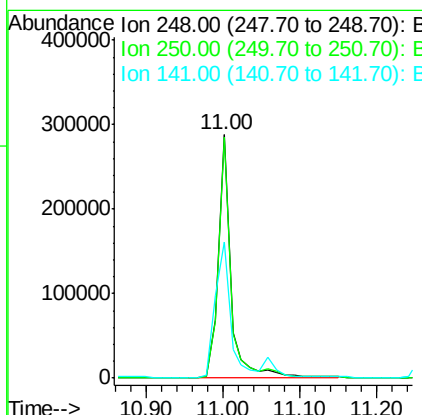
RT: 11.00 min Scan# 758

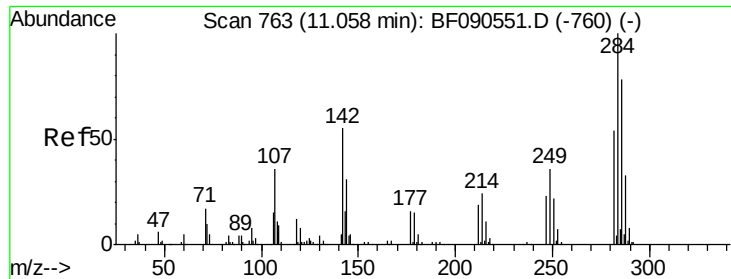
Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Tgt Ion:	248	Resp:	334281
Ion Ratio	Lower	Upper	
248	100		
250	99.0	78.4	117.6
141	56.0	48.4	72.6





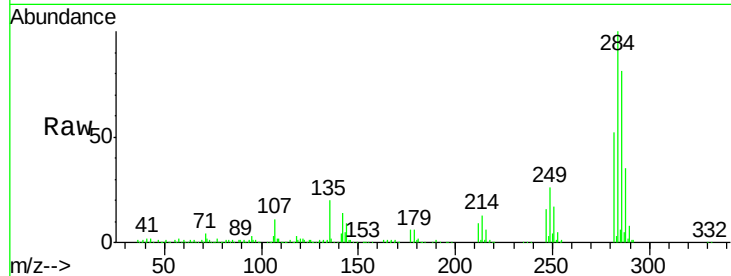
#67
Hexachlorobenzene
Concen: 35.22 ng
RT: 11.07 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

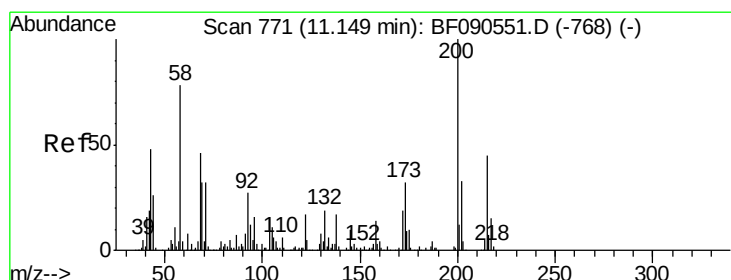
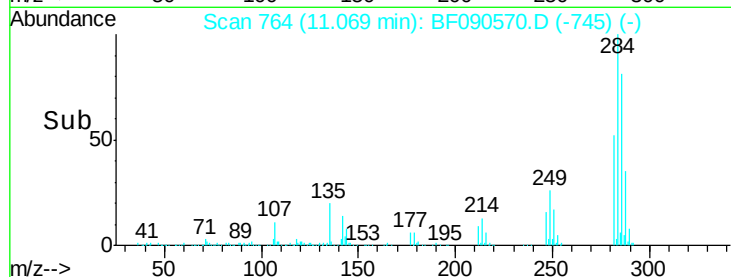
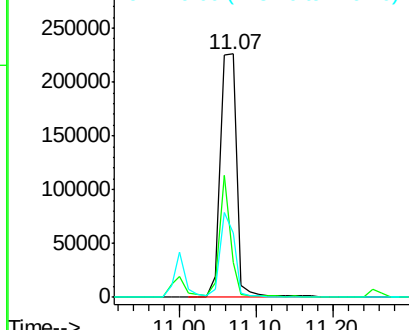
Tot Ion	Ratio	Resp	Lower	Upper
284	100	343694		
142	14.4	44.5	66.7#	
249	26.2	29.6	44.4#	

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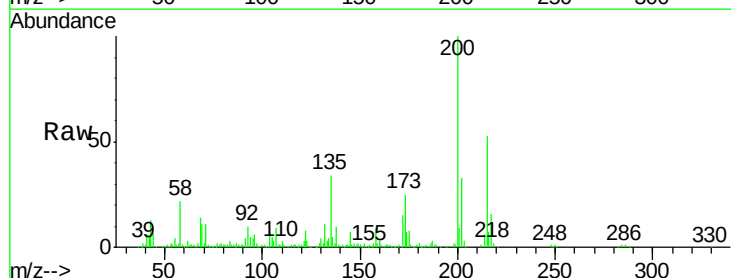


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

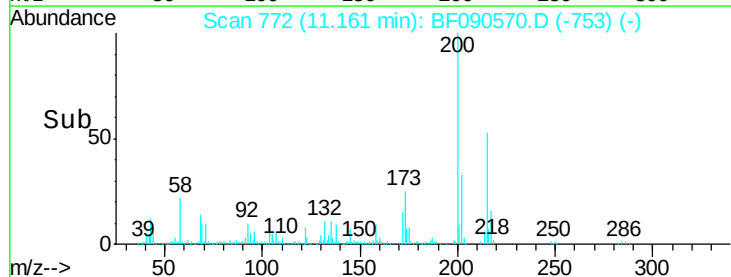
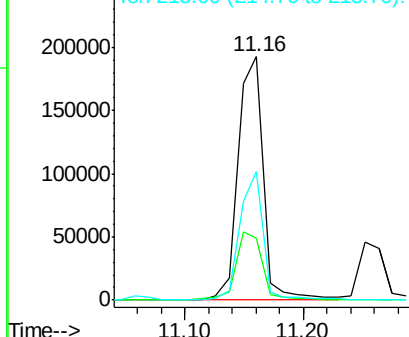


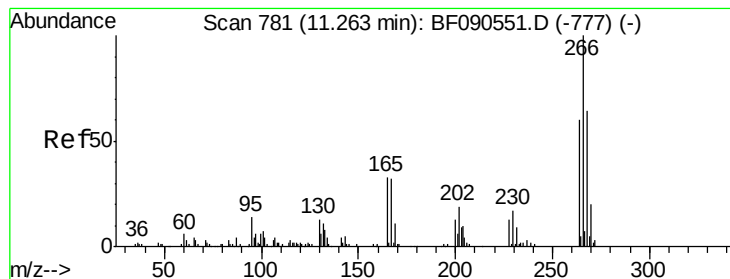
#68
Atrazine
Concen: 37.36 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	285851		
173	25.4	12.0	52.0	
215	52.5	25.2	65.2	



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: 79.94 ng

RT: 11.26 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

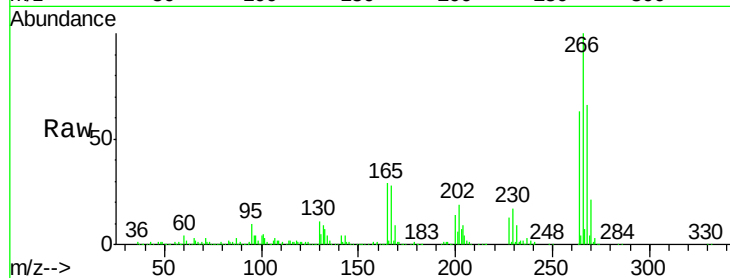
ClientSampleId :

MJSB-18(6-8)MS

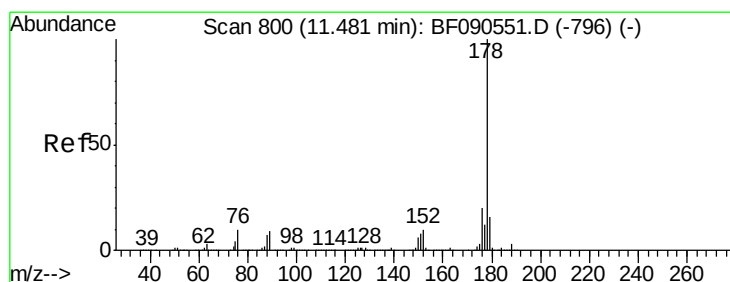
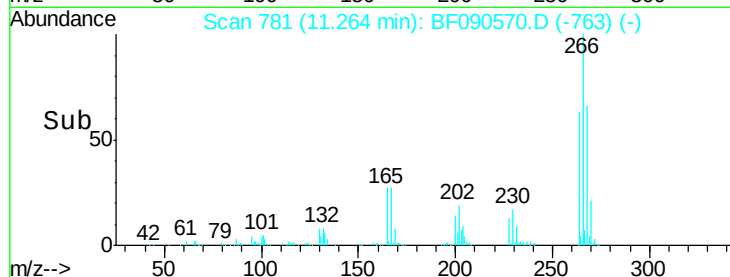
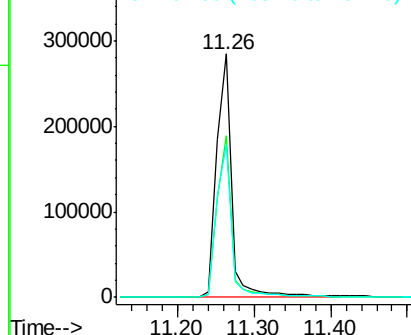
Tot Ion:	266	Resp:	386630
Ion Ratio		Lower	Upper
266	100		
268	66.5	51.5	77.3
264	62.8	47.9	71.9

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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: 34.75 ng

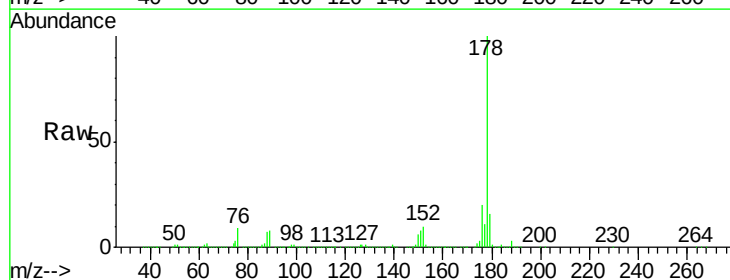
RT: 11.48 min Scan# 800

Delta R.T. 0.00 min

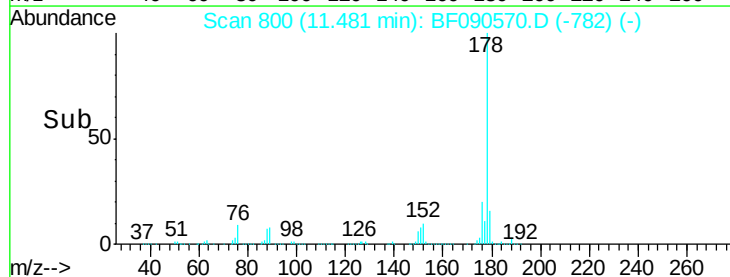
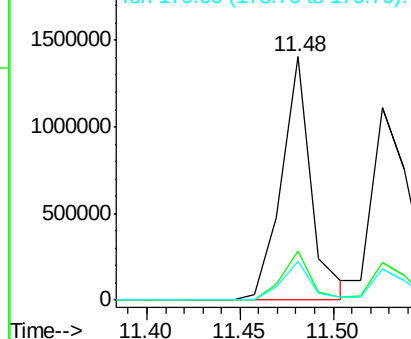
Lab File: BF090570.D

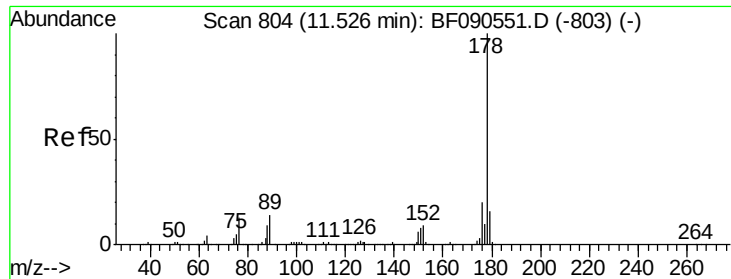
Acq: 14 Oct 2016 15:11

Tgt Ion:	178	Resp:	1553784
Ion Ratio		Lower	Upper
178	100		
176	20.1	16.1	24.1
179	15.8	12.6	19.0



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





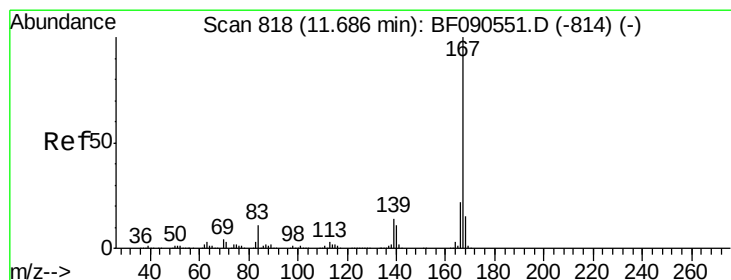
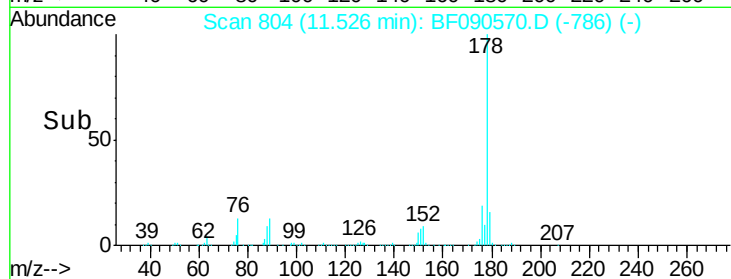
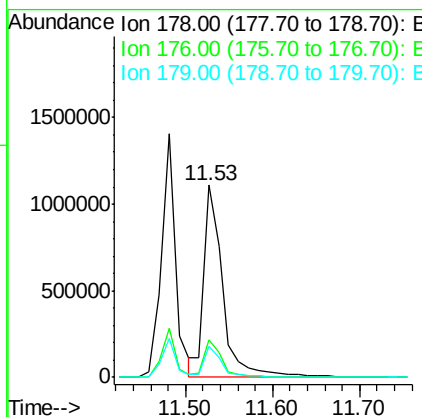
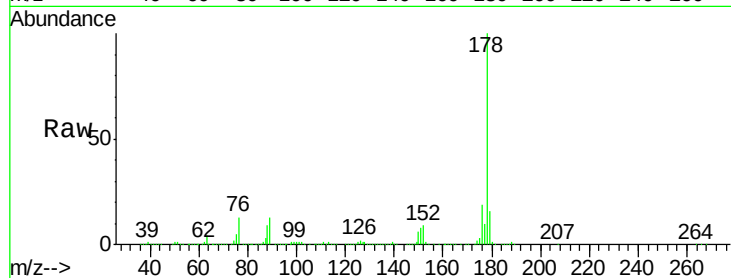
#71
 Anthracene
 Concen: 34.60 ng
 RT: 11.53 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MS

Tot Ion:178 Resp: 1664900
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 16.3 13.0 19.4

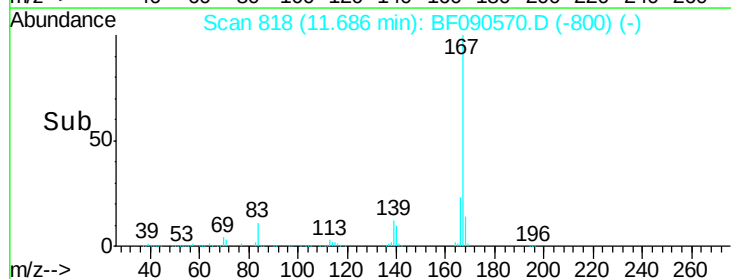
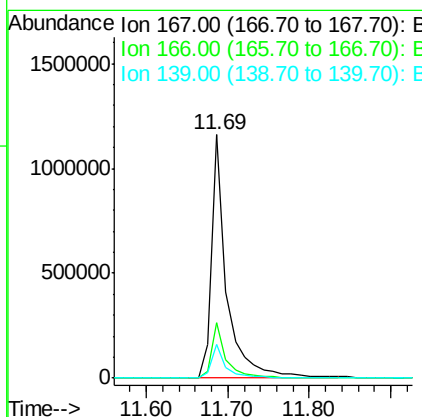
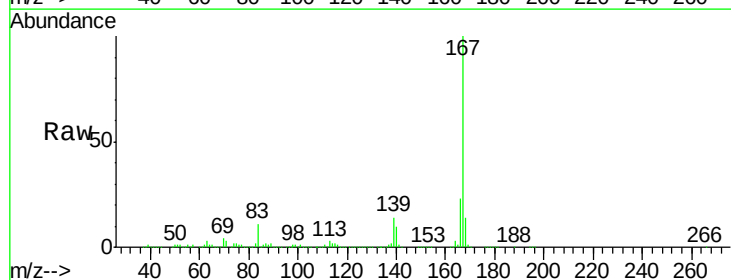
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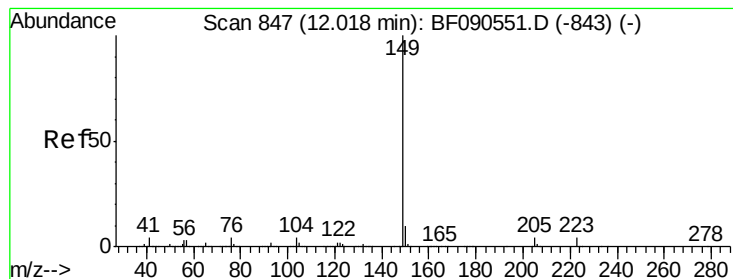
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#72
 Carbazole
 Concen: 35.48 ng
 RT: 11.69 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Tgt Ion:167 Resp: 1528065
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.8
 139 13.8 11.3 16.9





#73
 Di-n-butylphthalate
 Concen: 36.92 ng
 RT: 12.02 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

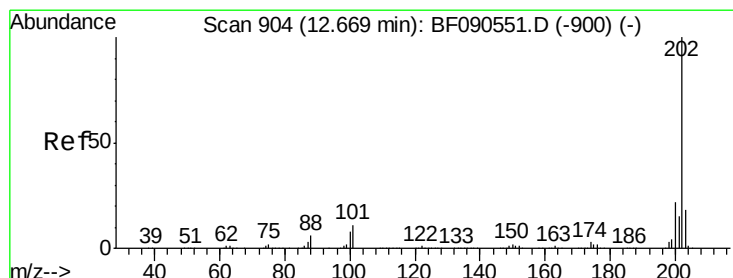
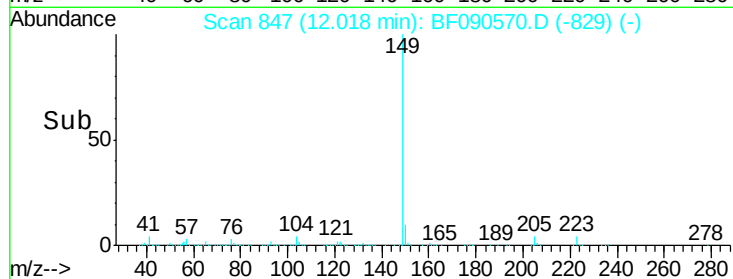
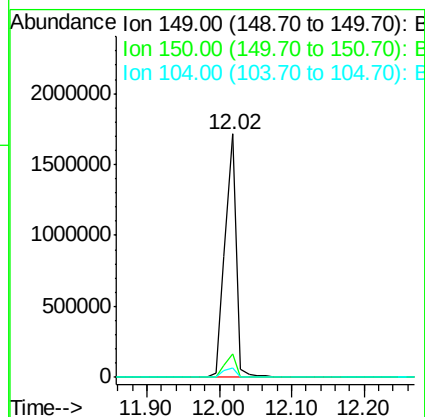
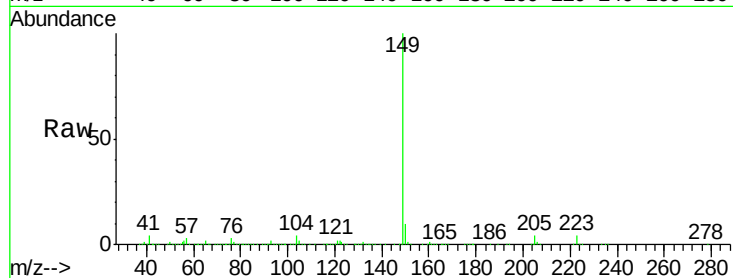
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MS

Tot Ion:149 Resp: 1863042

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.0	3.3	4.9

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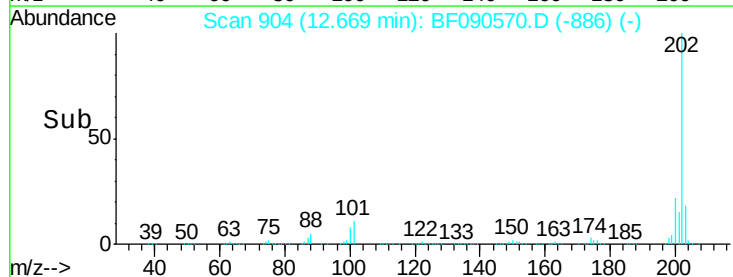
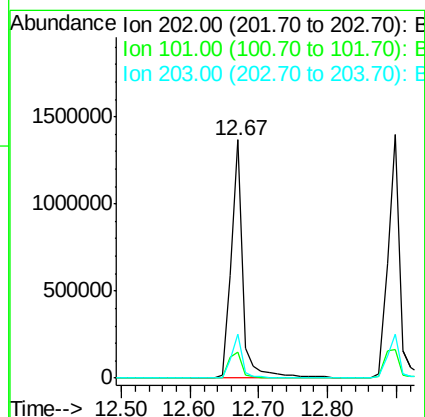
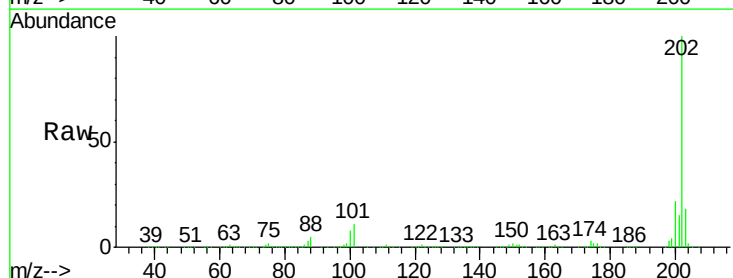
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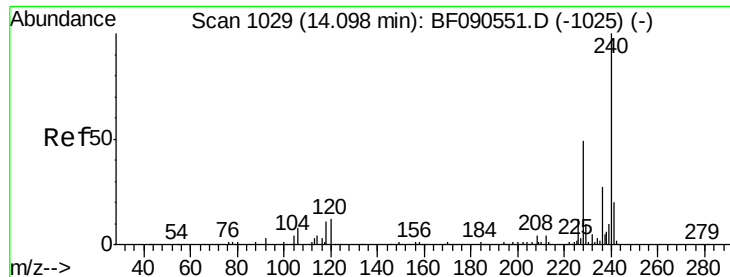


#74
 Fluoranthene
 Concen: 36.55 ng
 RT: 12.67 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Tgt Ion:202 Resp: 1643720

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.1
203	18.2	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

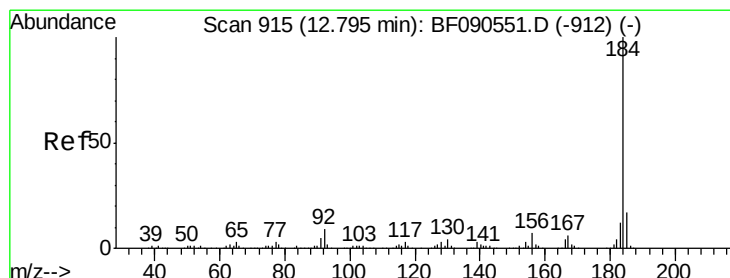
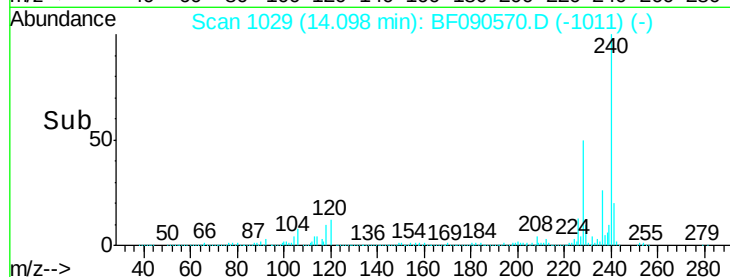
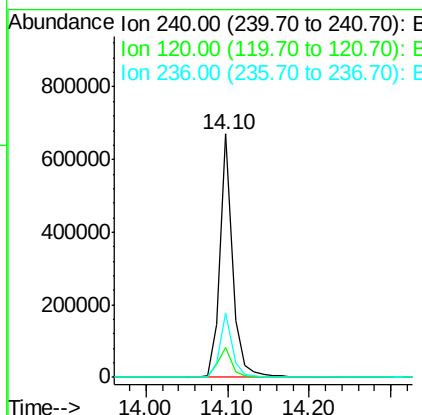
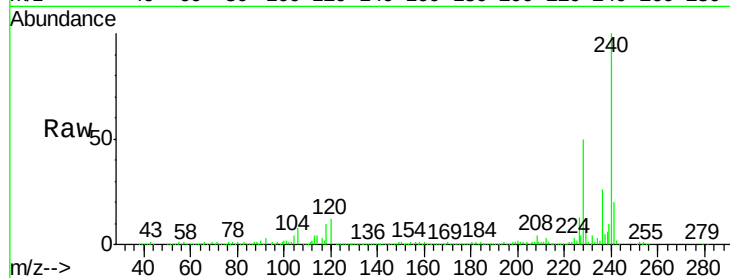
ClientSampleId :

MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.8	14.8
236	26.2	21.7	32.5

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#76

Benzidine

Concen: 27.77 ng

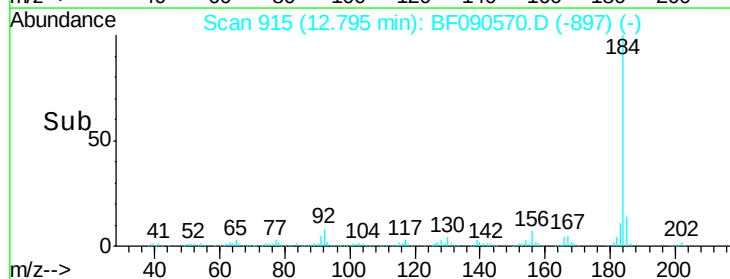
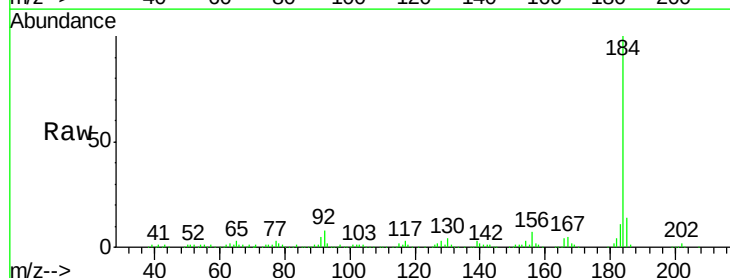
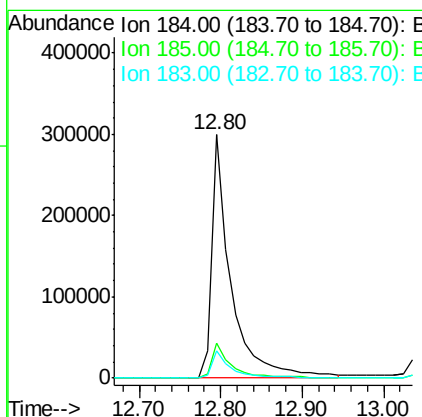
RT: 12.80 min Scan# 915

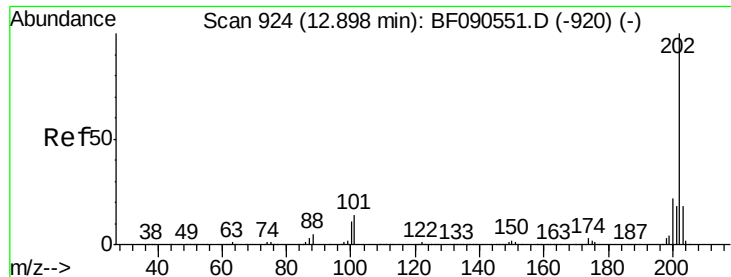
Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.0
183	11.2	9.4	14.0





#77

Pvrene

Concen: 34.40 ng

RT: 12.90 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MS

Tot Ion:202 Resp: 1642187

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

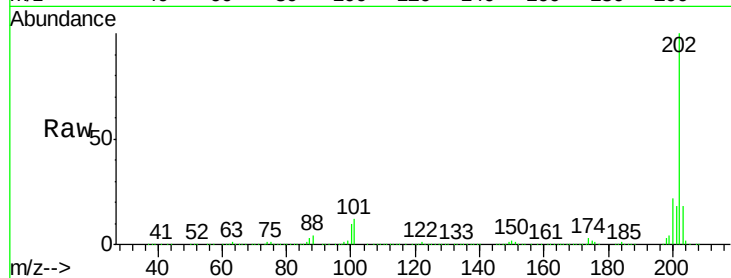
203 17.9 14.6 21.8

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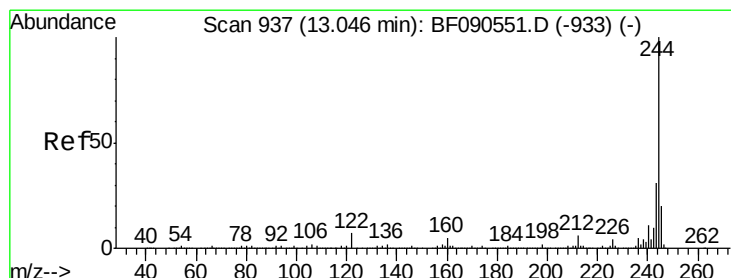
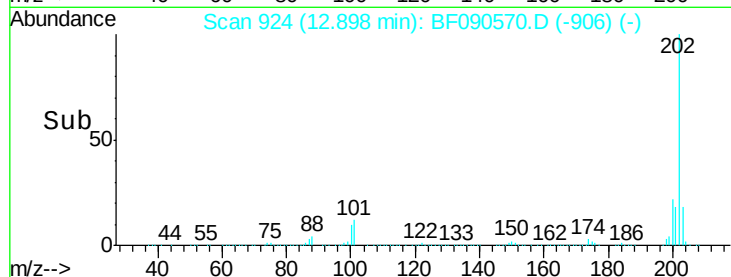
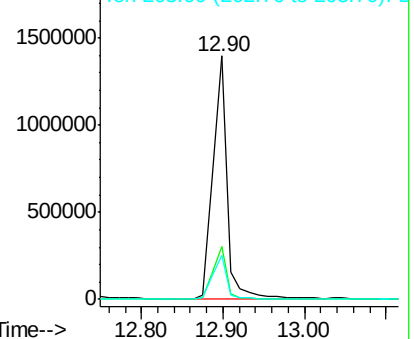
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.28 ng

RT: 13.04 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

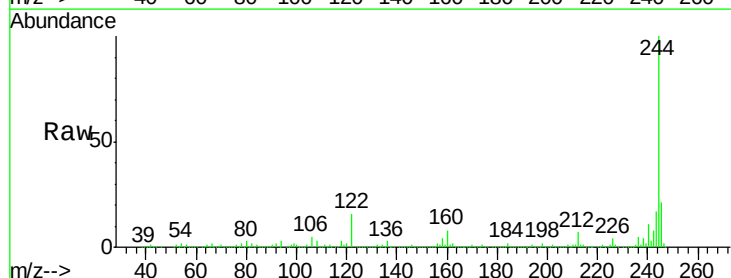
Tgt Ion:244 Resp: 2020879

Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

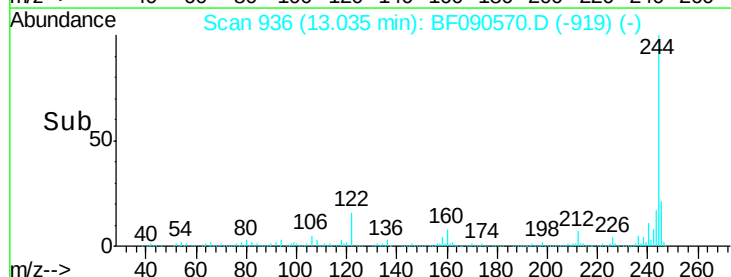
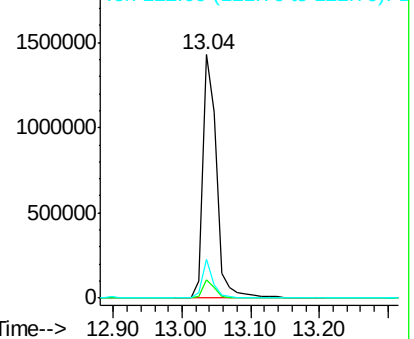
122 15.8 5.6 8.4#

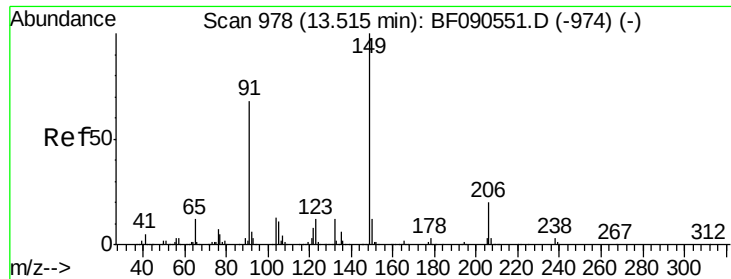


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





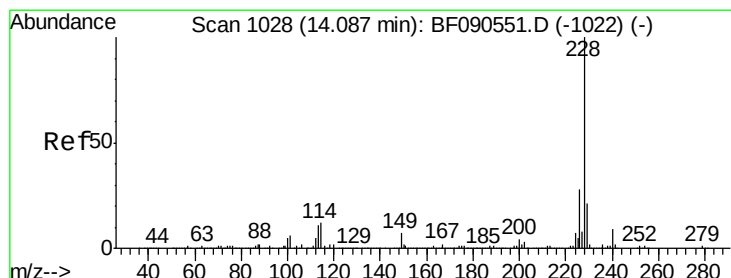
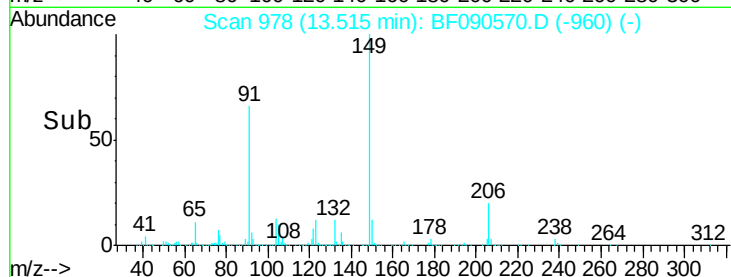
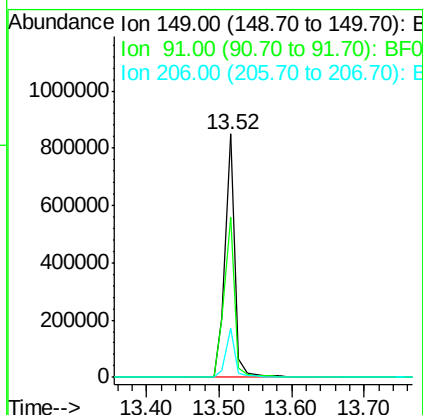
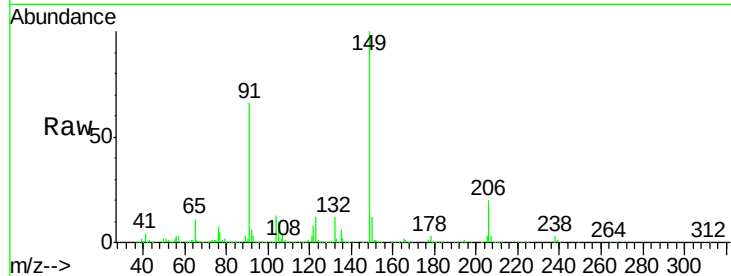
#79
Butylbenzylphthalate
Concen: 38.10 ng
RT: 13.52 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.8	54.3	81.5
206	20.0	15.8	23.6

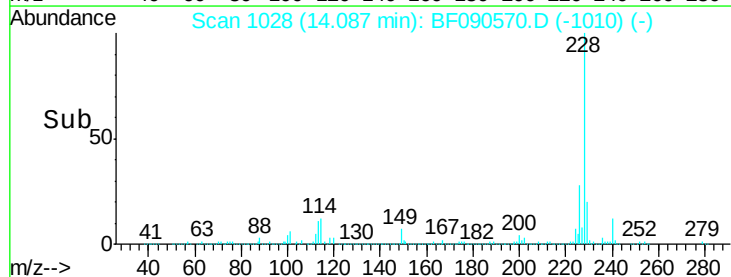
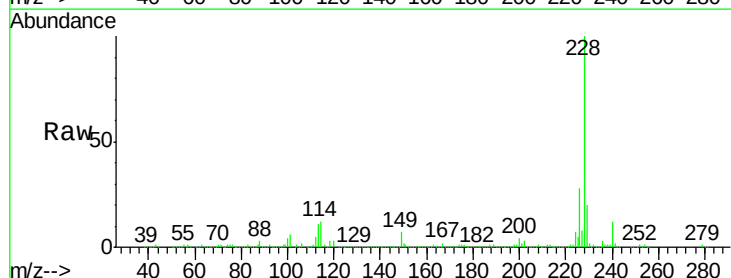
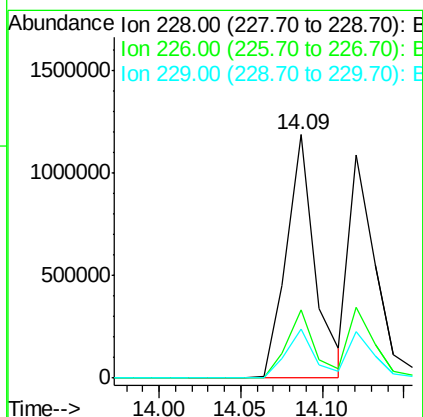
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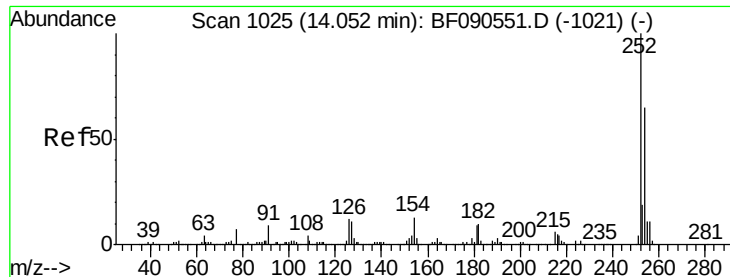
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#80
Benzo(a)anthracene
Concen: 35.62 ng
RT: 14.09 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.8	34.2
229	20.4	16.6	25.0





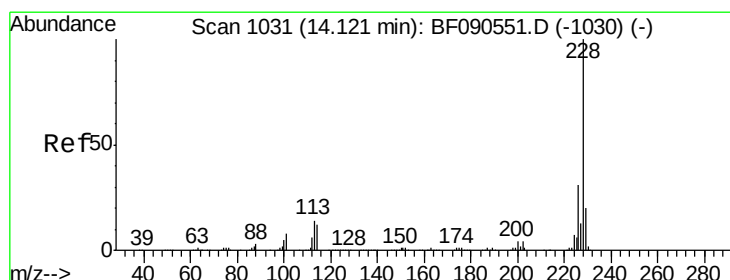
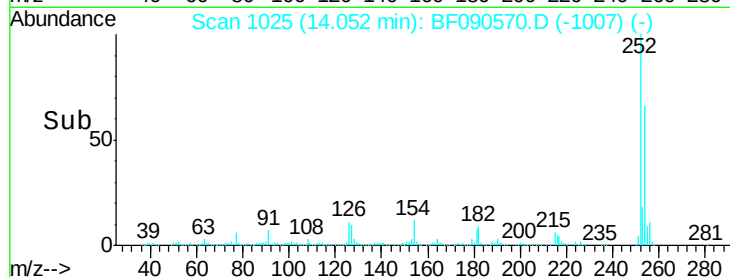
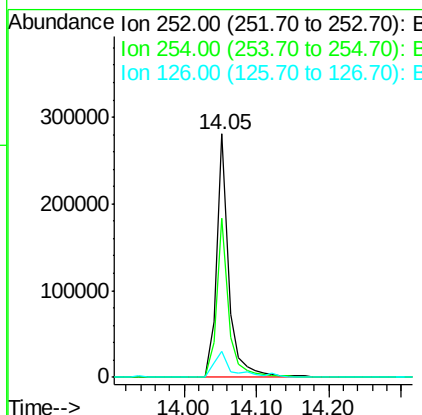
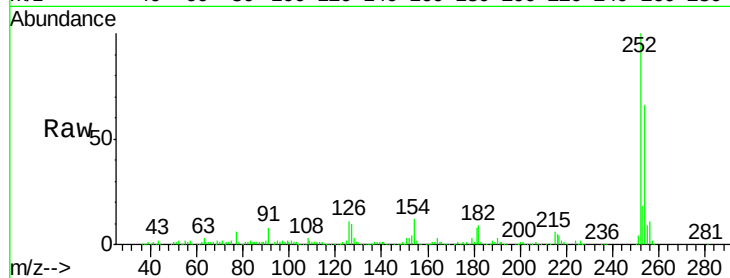
#81
 3,3'-Dichlorobenzidine
 Concen: 23.48 ng
 RT: 14.05 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.1	78.1
126	10.8	9.3	13.9

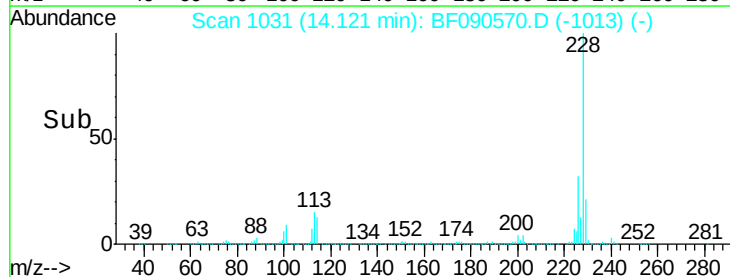
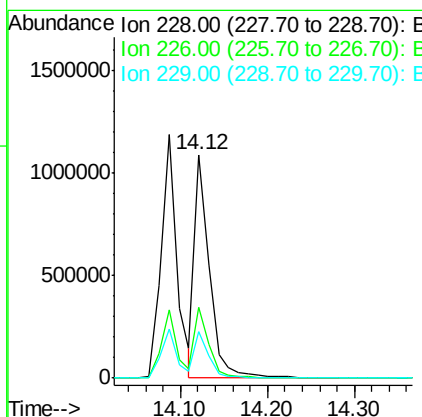
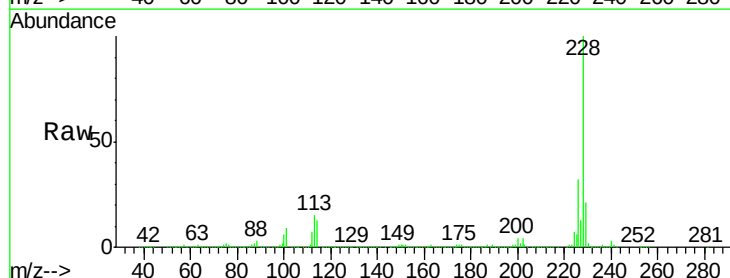
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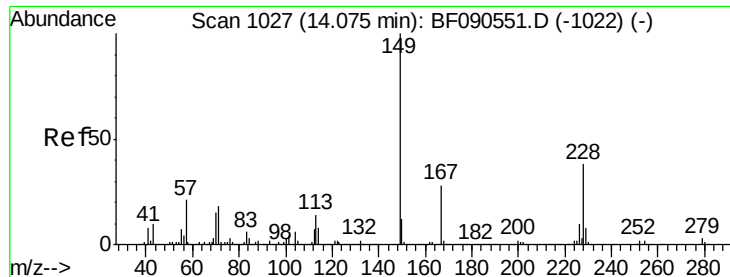
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#82
 Chrysene
 Concen: 32.57 ng
 RT: 14.12 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.8	37.2
229	20.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.08 ng

RT: 14.08 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

ClientSampleId :

MJSB-18(6-8)MS

Tot Ion:149 Resp: 1115159

Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

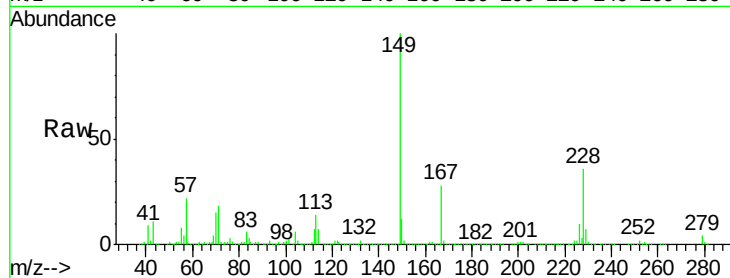
279 3.5 2.6 4.0

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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

14.08

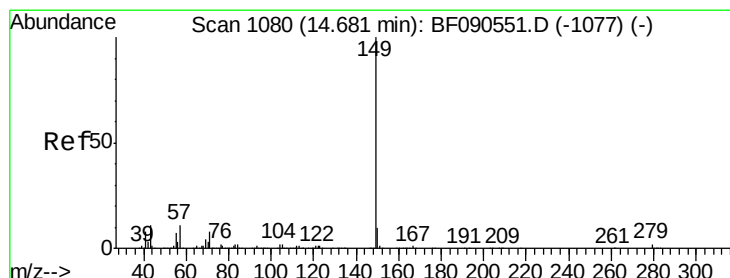
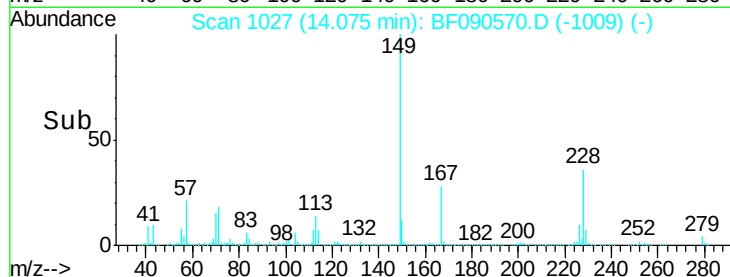
1500000

1000000

500000

0

Time-->



#84

Di-n-octyl phthalate

Concen: 44.24 ng

RT: 14.68 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Tgt Ion:149 Resp: 1692700

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.7 6.7 10.1

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

14.68

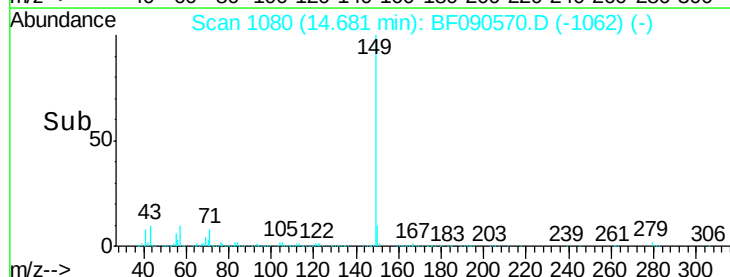
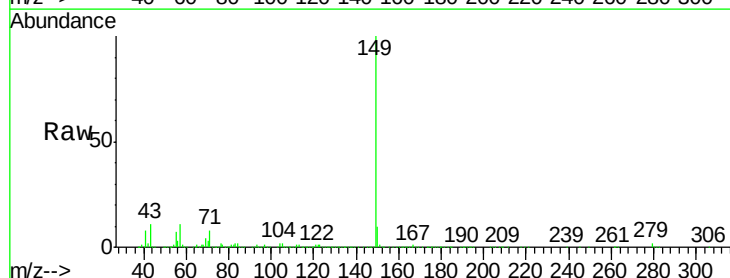
1500000

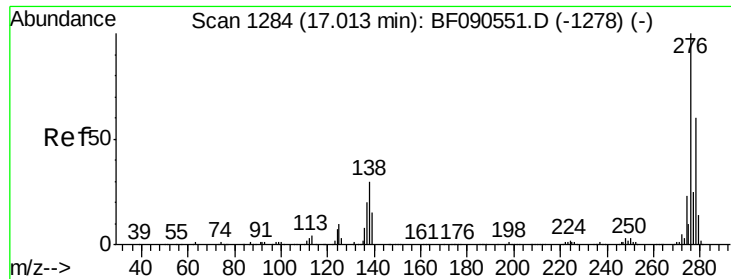
1000000

500000

0

Time-->





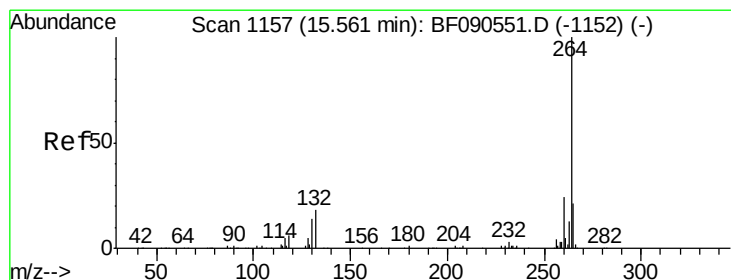
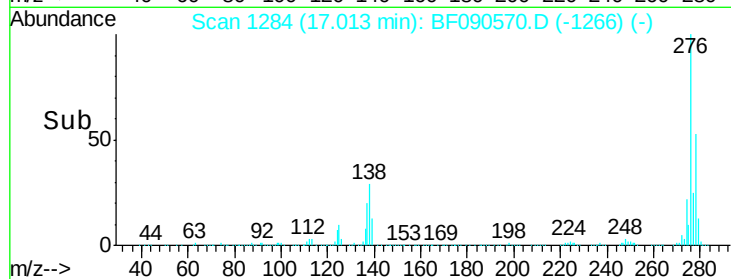
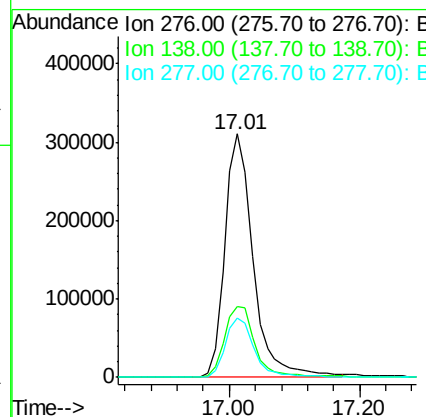
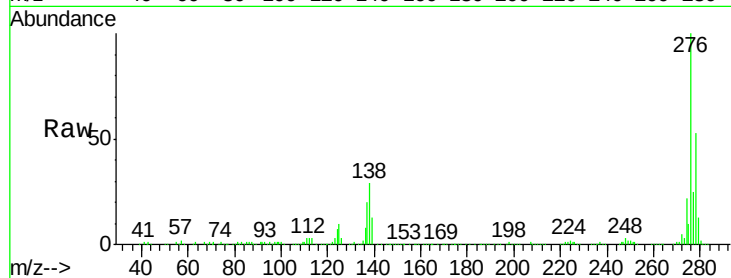
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.91 ng
 RT: 17.01 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	25.8	38.6
277	25.2	20.1	30.1

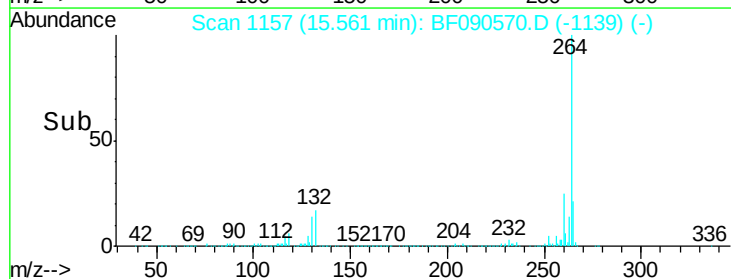
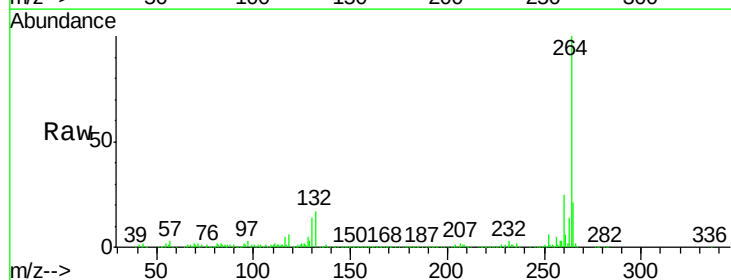
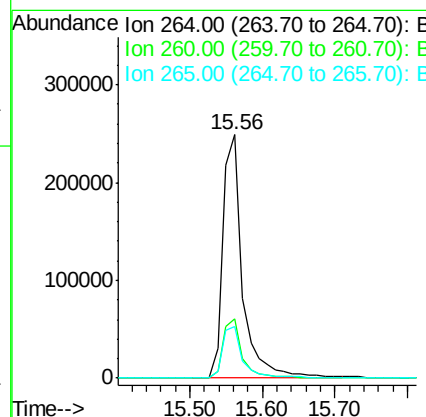
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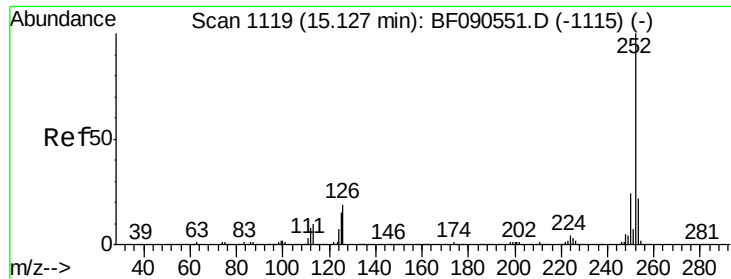
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.4	16.7	25.1





#87

Benzo(b)fluoranthene

Concen: 37.39 ng

RT: 15.14 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Instrument :

BNA_F

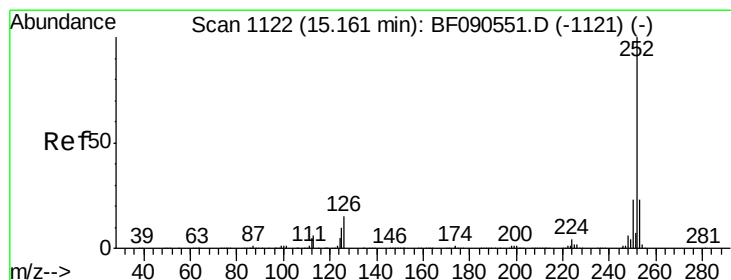
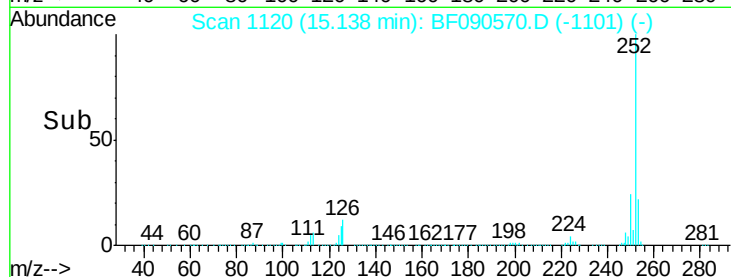
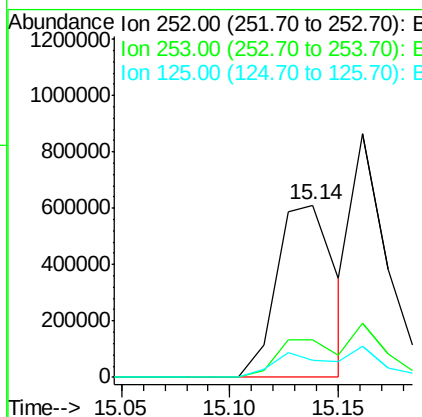
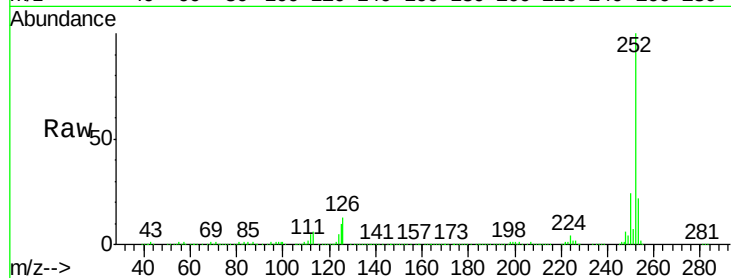
ClientSampleId :

MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.8	12.0	18.0

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#88

Benzo(k)fluoranthene

Concen: 31.35 ng m

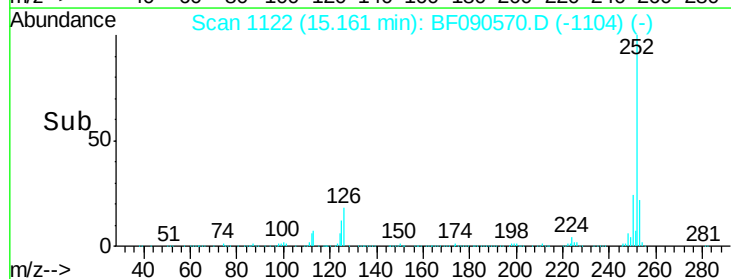
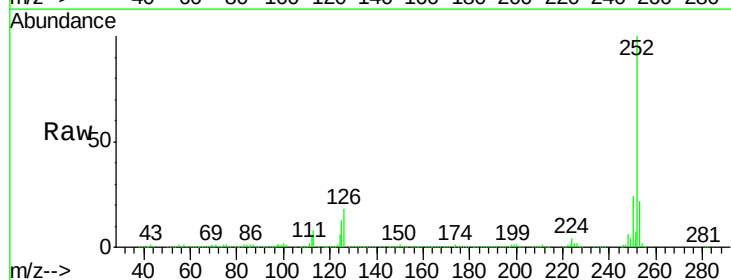
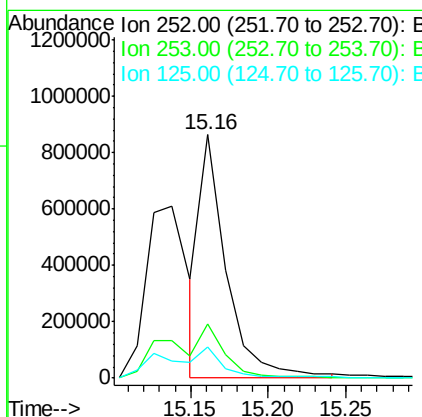
RT: 15.16 min Scan# 1122

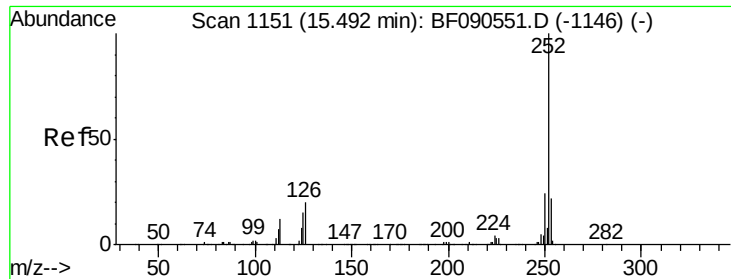
Delta R.T. 0.00 min

Lab File: BF090570.D

Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.7	10.0	15.0





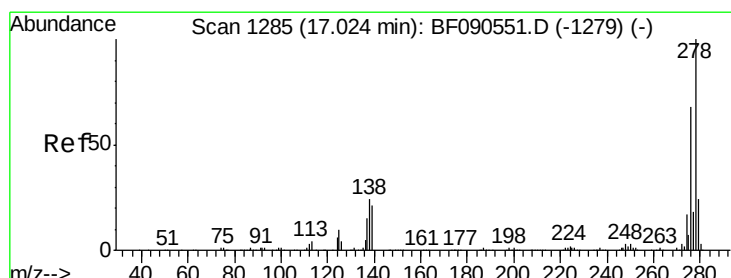
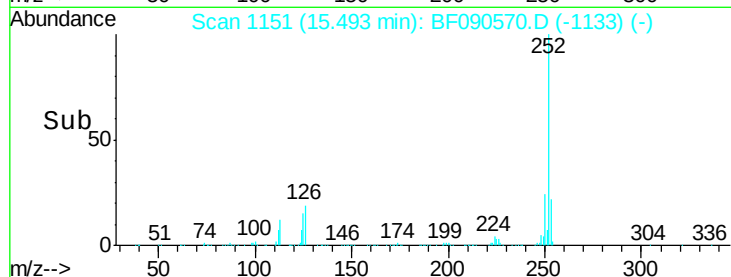
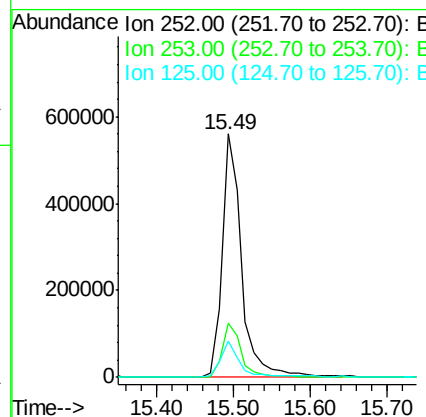
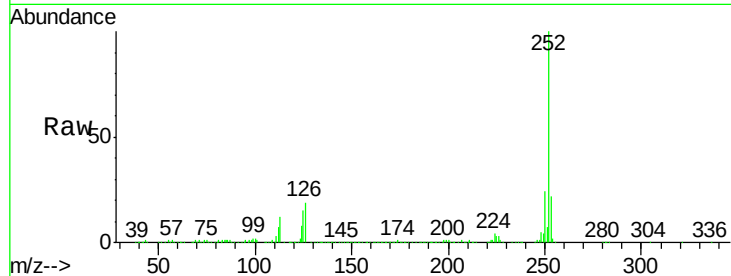
#89
Benzo(a)pyrene
Concen: 34.99 ng
RT: 15.49 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Instrument :
BNA_F
ClientSampleId :
MJSB-18(6-8)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	15.1	12.3	18.5

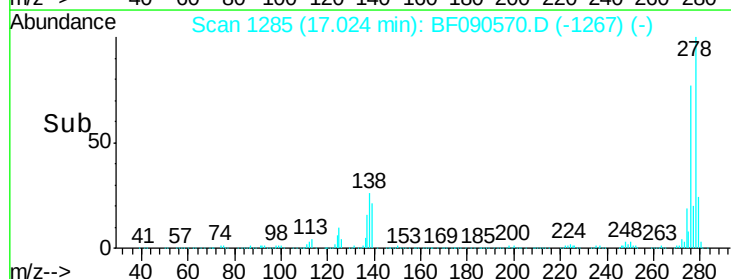
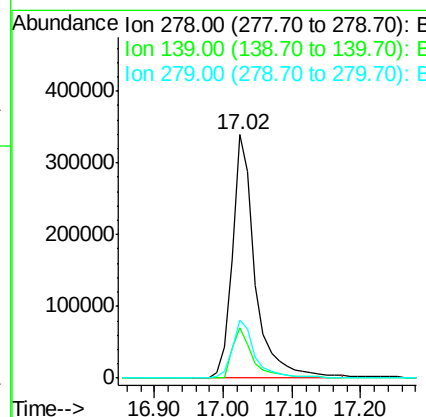
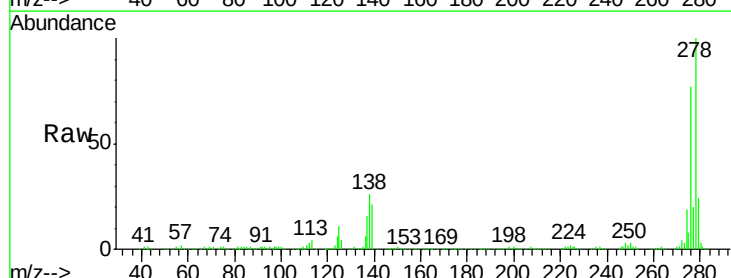
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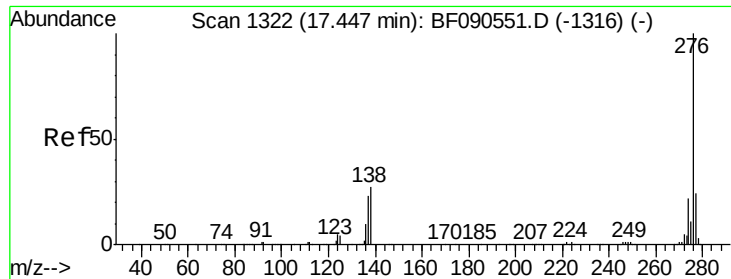
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#90
Dibenzo(a,h)anthracene
Concen: 37.21 ng
RT: 17.02 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF090570.D
Acq: 14 Oct 2016 15:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	16.6	25.0
279	24.0	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 36.61 ng
 RT: 17.45 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF090570.D
 Acq: 14 Oct 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-18(6-8)MS

Tot Ion:	276	Resp:	745181
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.8	28.2
138	27.4	21.8	32.8

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