

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090348.D
 Acq On : 4 Oct 2016 18:12
 Operator : UM/SJ
 Sample : H4999-01MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-3-6MSD

Manual Integrations
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Quant Time: Oct 05 03:32:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 03:16:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	283820	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1123966	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	515583	20.00	ng	0.01
63) Phenanthrene-d10	11.55	188	735754	20.00	ng	0.00
75) Chrysene-d12	14.20	240	512052	20.00	ng	0.01
86) Perylene-d12	15.70	264	127969	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	2052685	114.07	ng	0.02
7) Phenol-d6	6.63	99	2500582	111.17	ng	0.01
23) Nitrobenzene-d5	7.57	82	1856854	96.30	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	642595	143.50	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	2807975	88.80	ng	0.00
78) Terphenyl-d14	13.14	244	2203693	100.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	340567m	38.78	ng	
3) Pyridine	3.62	79	408499m	17.54	ng	
4) n-Nitrosodimethylamine	3.56	42	427332m	50.67	ng	
6) Aniline	6.75	93	1138302	36.83	ng	# 54
8) 2-Chlorophenol	6.79	128	845177	41.80	ng	93
9) Benzaldehyde	6.55	77	214620	20.56	ng	93
10) Phenol	6.65	94	982962	35.93	ng	96
11) bis(2-Chloroethyl)ether	6.75	93	1138302	58.59	ng	99
12) 1,3-Dichlorobenzene	6.95	146	831514m	39.60	ng	
13) 1,4-Dichlorobenzene	7.03	146	823312	38.61	ng	93
14) 1,2-Dichlorobenzene	7.18	146	828712	40.88	ng	97
15) Benzyl Alcohol	7.15	79	406741	25.65	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1438707	48.45	ng	95
17) 2-Methylphenol	7.25	107	713845	45.58	ng	99
18) Hexachloroethane	7.53	117	304563	39.47	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	706965	49.22	ng	# 83
20) 3+4-Methylphenols	7.41	107	893210	44.86	ng	90
22) Acetophenone	7.42	105	1279384	49.16	ng	# 87
24) Nitrobenzene	7.59	77	1090300	52.96	ng	94
25) Isophorone	7.83	82	1825078	49.75	ng	99
26) 2-Nitrophenol	7.91	139	419985	52.87	ng	97
27) 2,4-Dimethylphenol	7.95	122	816066	45.53	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	921088	40.44	ng	97
29) 2,4-Dichlorophenol	8.15	162	667313	45.48	ng	99
30) 1,2,4-Trichlorobenzene	8.23	180	692749	42.15	ng	99
31) Naphthalene	8.33	128	2540545	47.29	ng	98
32) Benzoic acid	8.05	122	464696	41.17	ng	95
33) 4-Chloroaniline	8.33	127	345329	16.09	ng	# 31
34) Hexachlorobutadiene	8.44	225	362219	37.44	ng	98
35) Caprolactam	8.71	113	122853m	32.01	ng	
36) 4-Chloro-3-methylphenol	8.84	107	721850	45.81	ng	96
37) 2-Methylnaphthalene	9.01	142	1540142	45.68	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	735175	50.52	ng	99
40) Hexachlorocyclopentadiene	9.17	237	829142	84.60	ng	98

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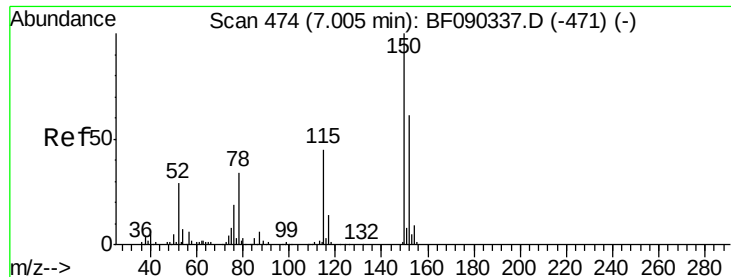
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	464199	50.70	ng	98
43) 2,4,5-Trichlorophenol	9.33	196	410161	44.52	ng #	92
45) 1,1'-Biphenyl	9.48	154	1911931	47.90	ng	98
46) 2-Chloronaphthalene	9.50	162	1439450	48.04	ng	99
47) 2-Nitroaniline	9.59	65	276824	33.85	ng #	73
48) Acenaphthylene	9.93	152	1992020	43.95	ng	98
49) Dimethylphthalate	9.78	163	1560742	51.14	ng	99
50) 2,6-Dinitrotoluene	9.83	165	335036	50.18	ng	92
51) Acenaphthene	10.10	154	1505955	54.60	ng	97
52) 3-Nitroaniline	9.99	138	58257	7.70	ng #	79
53) 2,4-Dinitrophenol	10.11	184	327672	126.46	ng	96
54) Dibenzofuran	10.27	168	1948306	53.42	ng	99
55) 4-Nitrophenol	10.15	139	537128	89.20	ng	91
56) 2,4-Dinitrotoluene	10.23	165	383250	47.69	ng #	23
57) Fluorene	10.61	166	1597246	52.36	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	330443	50.87	ng	90
59) Diethylphthalate	10.47	149	1412584	45.28	ng #	91
60) 4-Chlorophenyl-phenylether	10.60	204	725804	50.17	ng	99
61) 4-Nitroaniline	10.61	138	150441	22.12	ng	81
62) Azobenzene	10.76	77	1838121	56.54	ng	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	194646	55.25	ng #	50
65) n-Nitrosodiphenylamine	10.71	169	318004	12.68	ng	99
66) 4-Bromophenyl-phenylether	11.09	248	411534	51.76	ng	98
67) Hexachlorobenzene	11.16	284	434495	46.49	ng	98
69) Pentachlorophenol	11.34	266	438004	83.62	ng	99
70) Phenanthrene	11.57	178	1925766	48.79	ng	99
71) Anthracene	11.63	178	1989587	50.49	ng	98
72) Carbazole	11.77	167	478236	13.20	ng	97
73) Di-n-butylphthalate	12.11	149	2066120	47.73	ng	99
74) Fluoranthene	12.76	202	1646849	43.99	ng	96
77) Pyrene	12.99	202	1614726	49.25	ng	99
79) Butylbenzylphthalate	13.62	149	842596	65.21	ng	96
80) Benzo(a)anthracene	14.19	228	1530739	53.31	ng	98
82) Chrysene	14.22	228	1468723	54.59	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1224141	59.22	ng #	99
84) Di-n-octyl phthalate	14.80	149	1868147	62.20	ng #	93
85) Indeno(1,2,3-cd)pyrene	17.22	276	1172238	40.54	ng #	93
87) Benzo(b)fluoranthene	15.25	252	1493915	203.00	ng #	93
88) Benzo(k)fluoranthene	15.29	252	1107910m	157.61	ng	
89) Benzo(a)pyrene	15.63	252	988693	147.30	ng #	93
90) Dibenzo(a,h)anthracene	17.24	278	1235529	187.71	ng #	93
91) Benzo(g,h,i)perylene	17.68	276	908145	140.86	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 409

Delta R.T. -0.00 min

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Instrument :

BNA_F

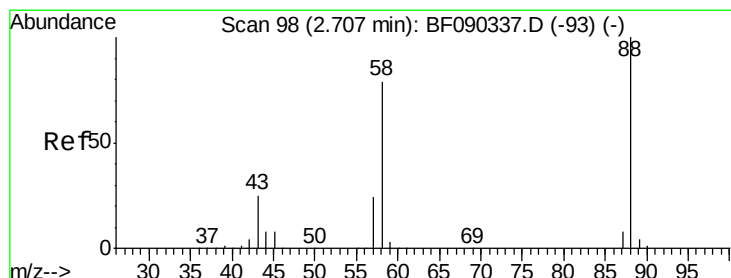
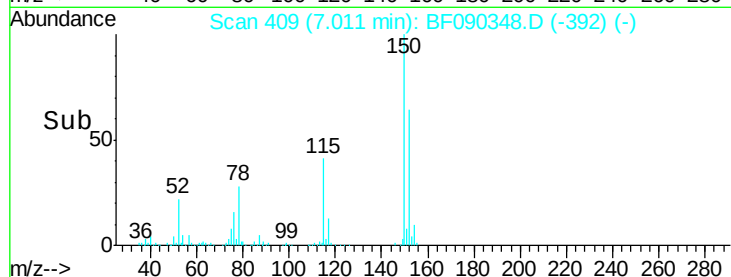
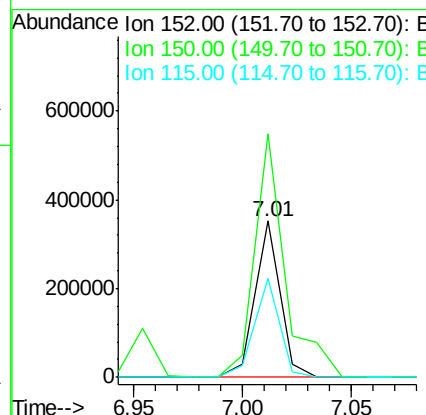
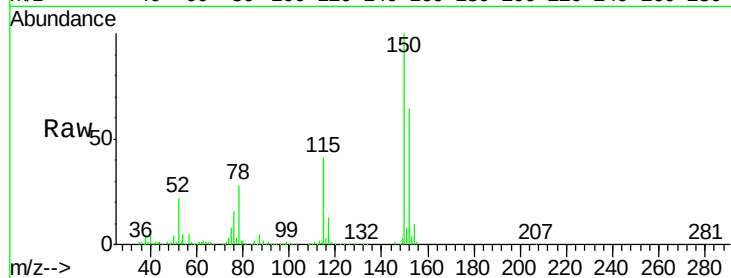
ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	63.2	46.2	69.4

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#2

1,4-Dioxane

Concen: 38.78 ng m

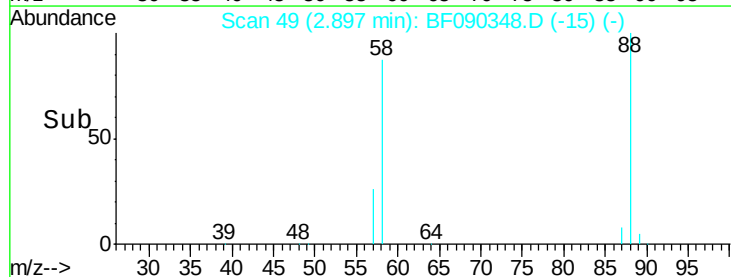
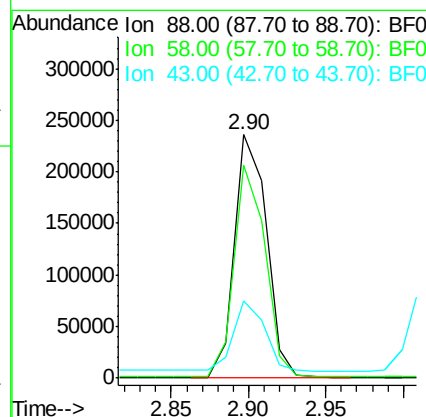
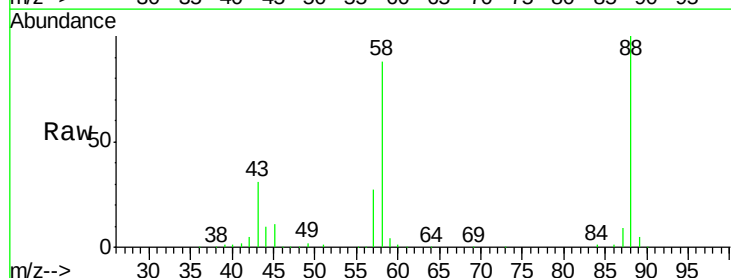
RT: 2.90 min Scan# 49

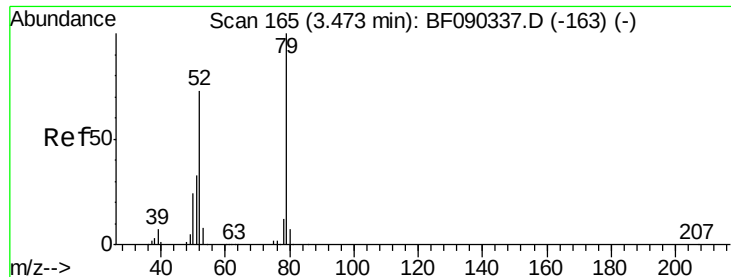
Delta R.T. 0.19 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	71.2	106.8#
43	0.0	29.8	44.6#





#3

Pyridine

Concen: 17.54 ng m

RT: 3.62 min Scan# 112

Delta R.T. 0.14 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

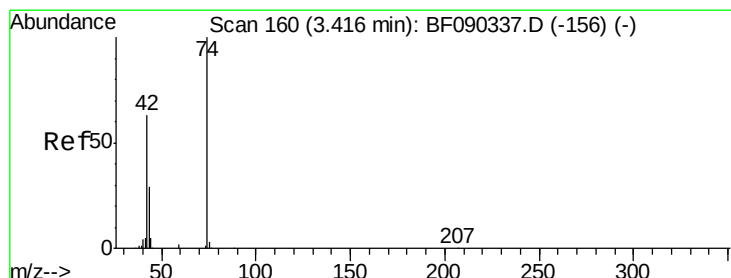
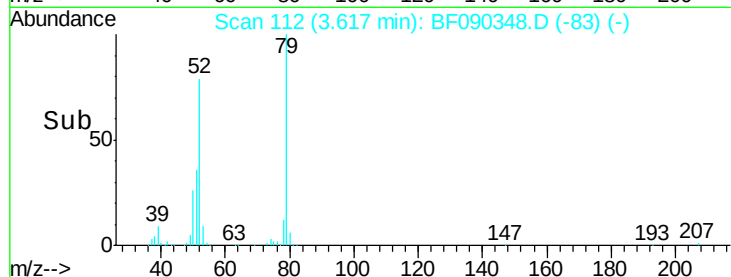
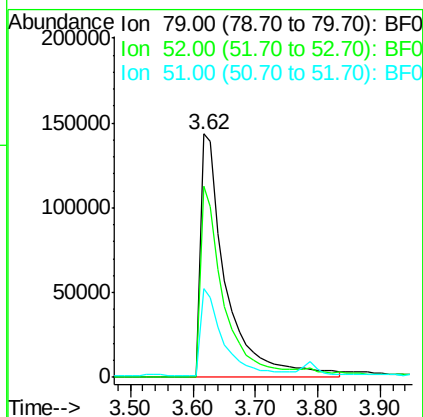
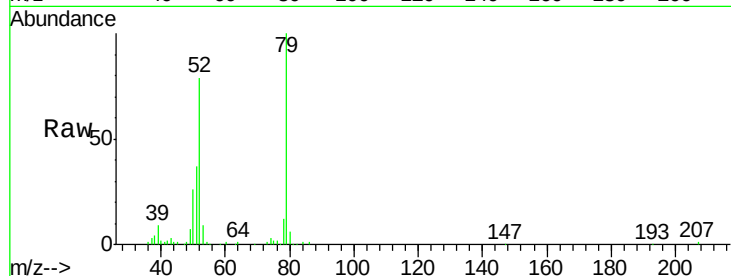
ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion:	79	Resp:	408499
Ion Ratio	Lower	Upper	
79	100		
52	78.7	71.3	106.9
51	36.6	34.5	51.7

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#4

n-Nitrosodimethylamine

Concen: 50.67 ng m

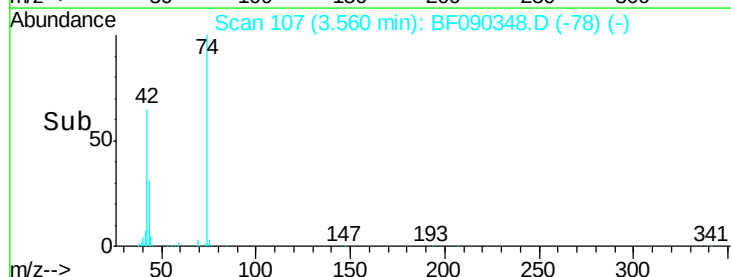
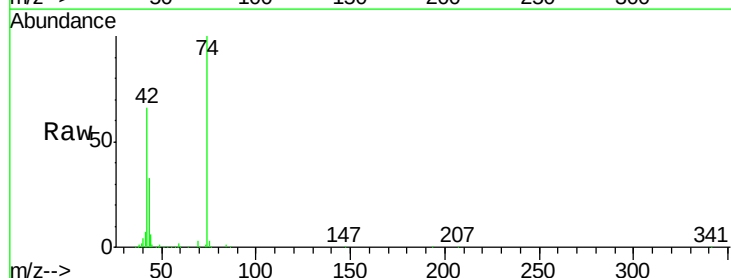
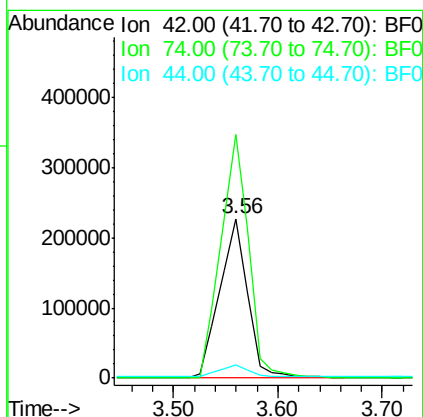
RT: 3.56 min Scan# 107

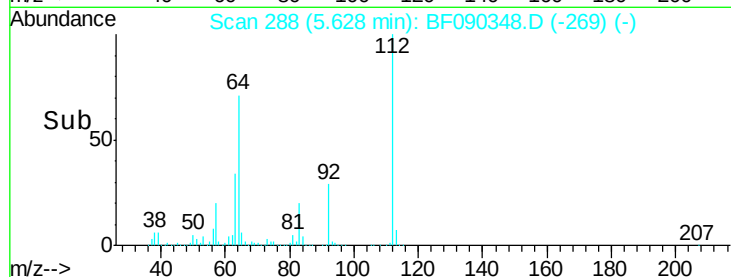
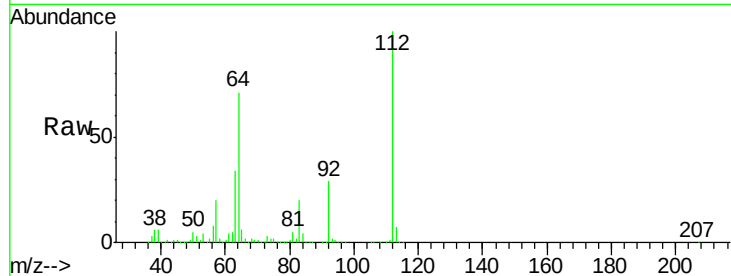
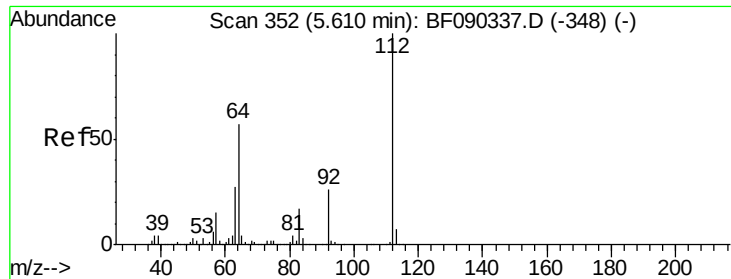
Delta R.T. 0.14 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Tgt Ion:	42	Resp:	427332
Ion Ratio	Lower	Upper	
42	100		
74	152.4	88.9	133.3#
44	8.6	6.5	9.7





#5

2-Fluorophenol

Concen: 114.07 ng

RT: 5.63 min Scan# 288

Delta R.T. 0.02 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion: 112 Resp: 2052685

Ion Ratio Lower Upper

112 100

64 71.1 57.9 86.9

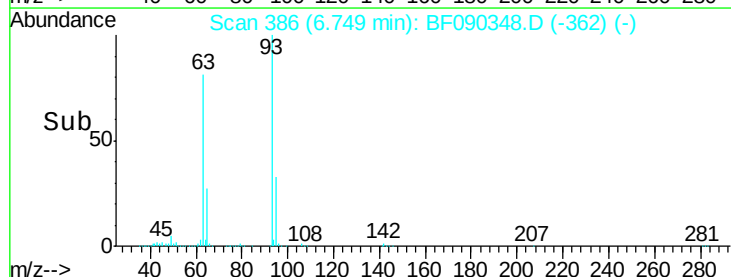
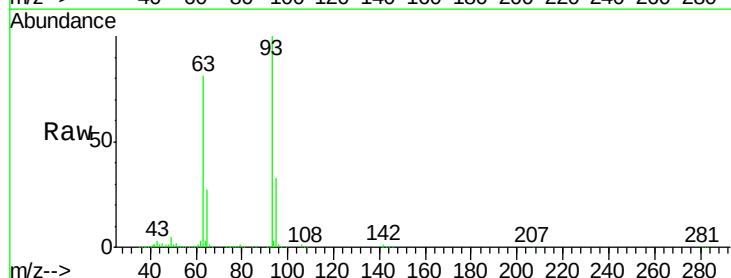
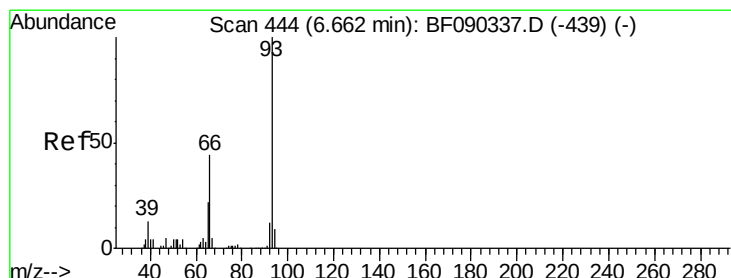
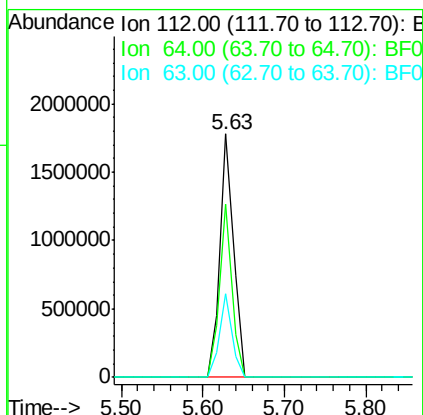
63 34.5 29.6 44.4

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#6

Aniline

Concen: 36.83 ng

RT: 6.75 min Scan# 386

Delta R.T. 0.08 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

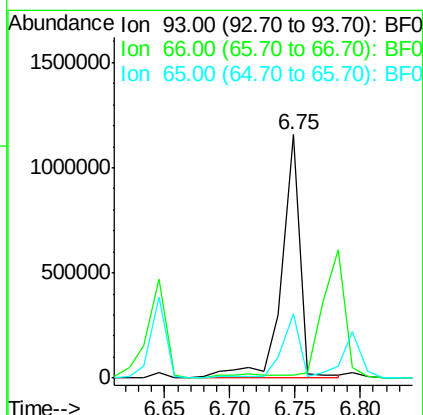
Tgt Ion: 93 Resp: 1138302

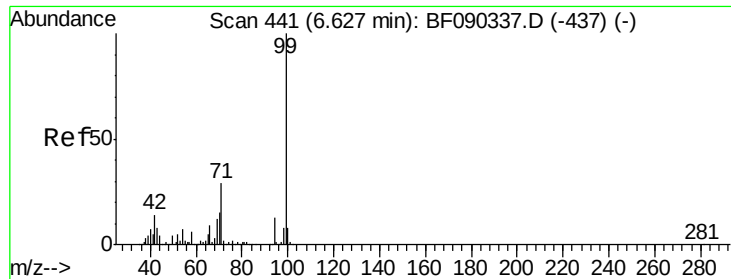
Ion Ratio Lower Upper

93 100

66 1.2 34.5 51.7#

65 26.5 18.2 27.2





#7

Phenol-d6

Concen: 111.17 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion: 99 Resp: 2500582

Ion Ratio Lower Upper

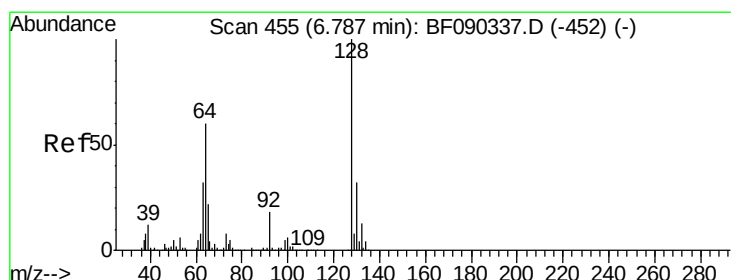
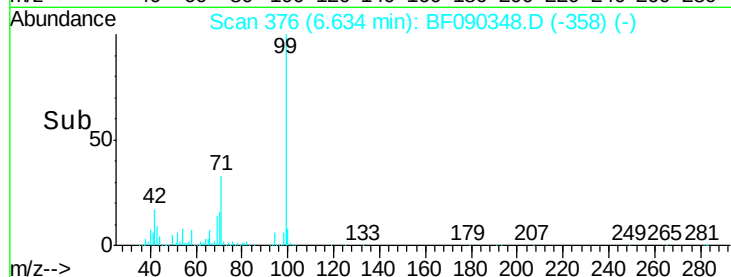
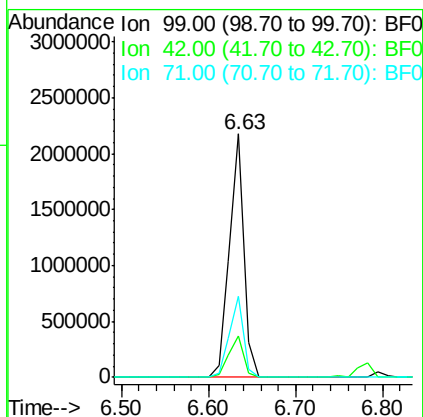
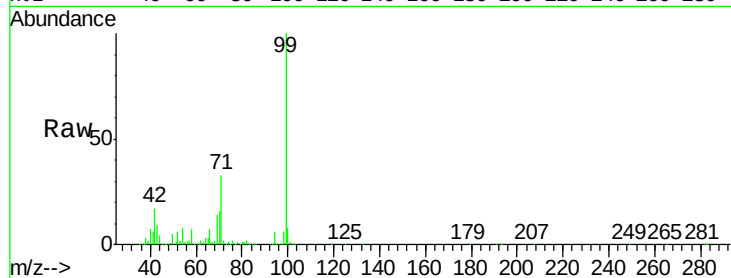
99 100

42 17.0 20.0 30.0#

71 33.1 27.9 41.9

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#8

2-Chlorophenol

Concen: 41.80 ng

RT: 6.79 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

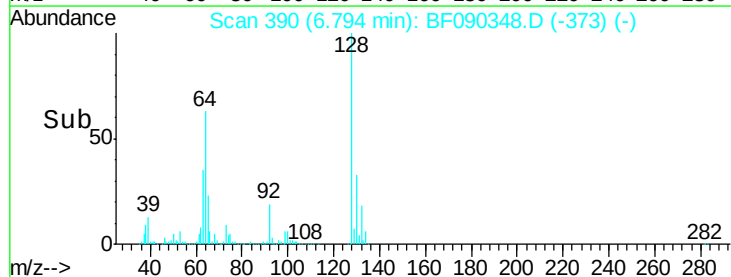
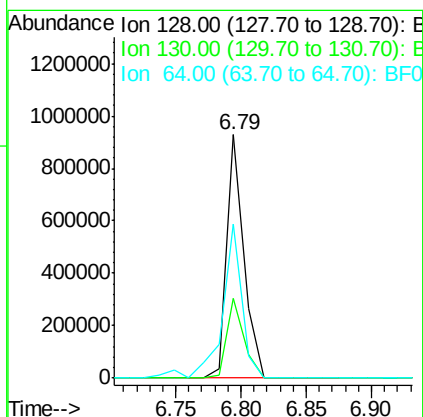
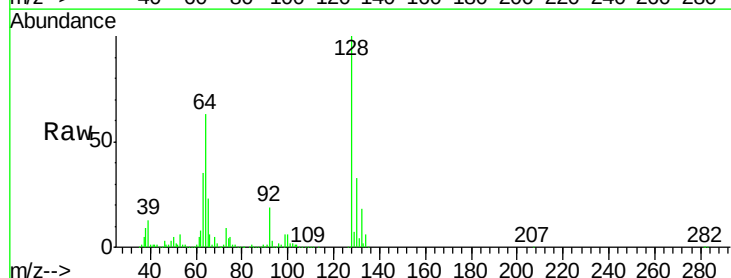
Tgt Ion: 128 Resp: 845177

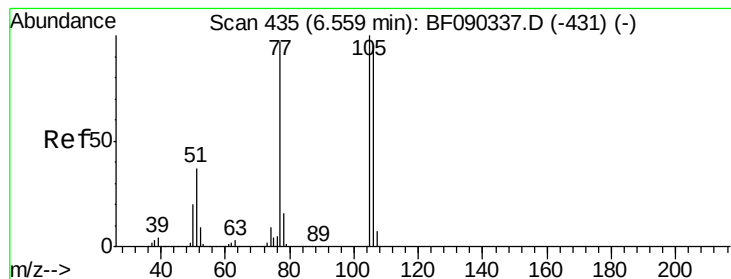
Ion Ratio Lower Upper

128 100

130 32.8 13.3 53.3

64 63.3 36.0 76.0





#9

Benzaldehyde

Concen: 20.56 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

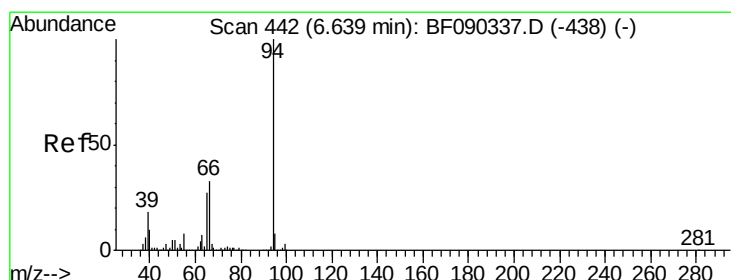
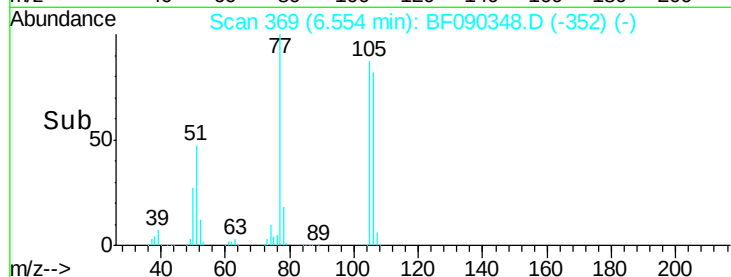
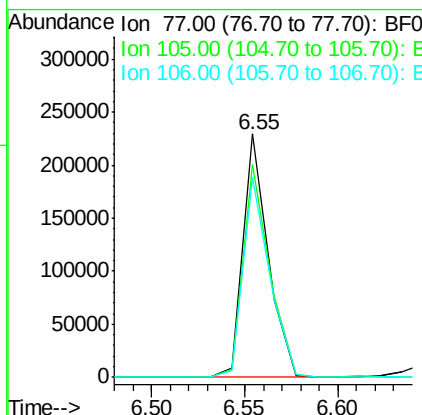
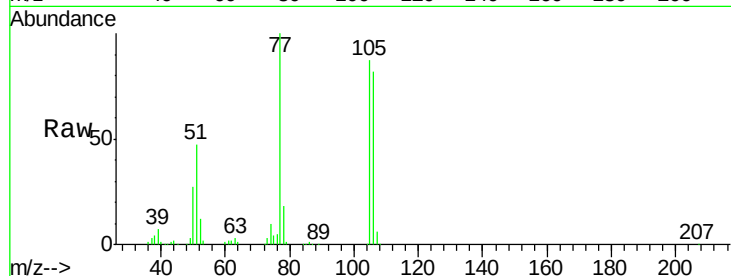
ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion:	77	Resp:	214620
Ion Ratio	Lower	Upper	
77	100		
105	87.4	73.1	113.1
106	82.4	70.2	110.2

Manual Integrations
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#10

Phenol

Concen: 35.93 ng

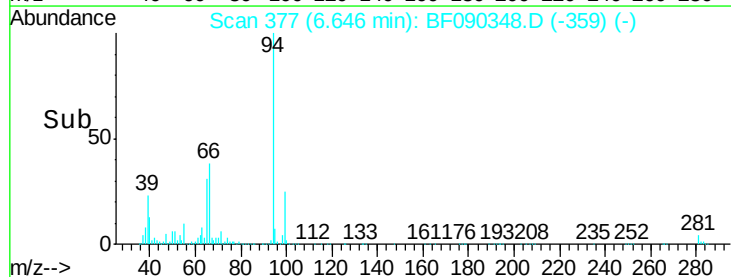
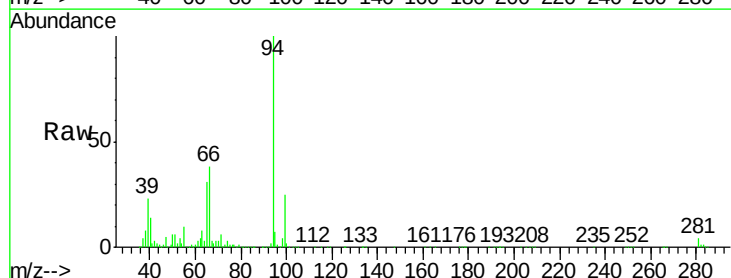
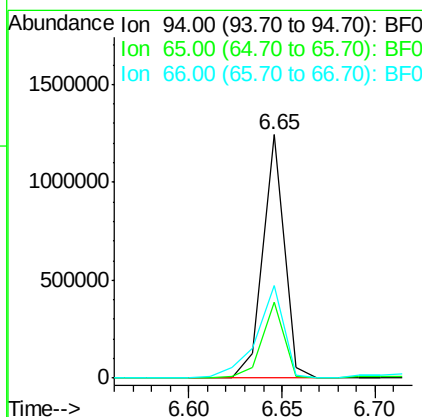
RT: 6.65 min Scan# 377

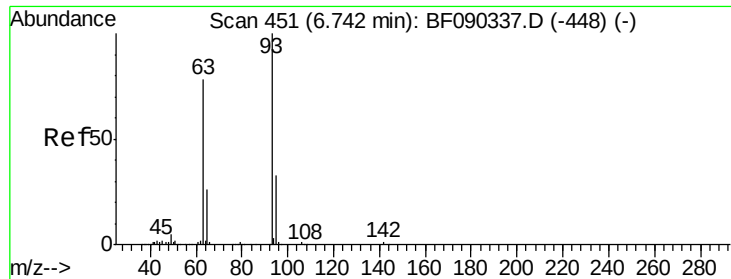
Delta R.T. 0.01 min

Lab File: BF090348.D

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Tgt Ion:	94	Resp:	982962
Ion Ratio	Lower	Upper	
94	100		
65	31.1	13.3	53.3
66	37.9	20.4	60.4





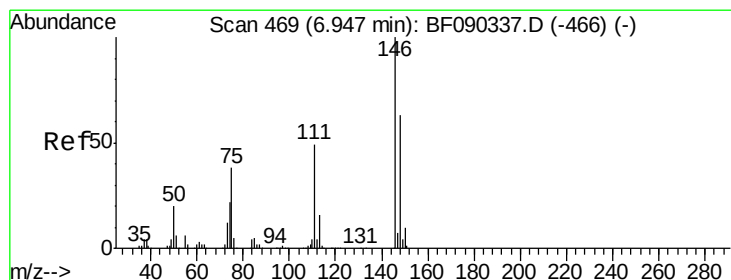
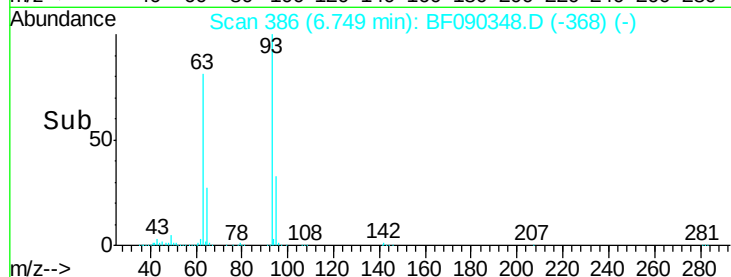
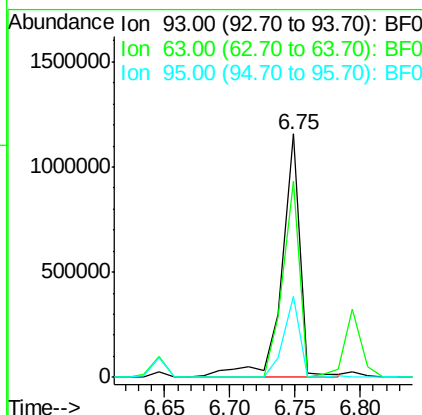
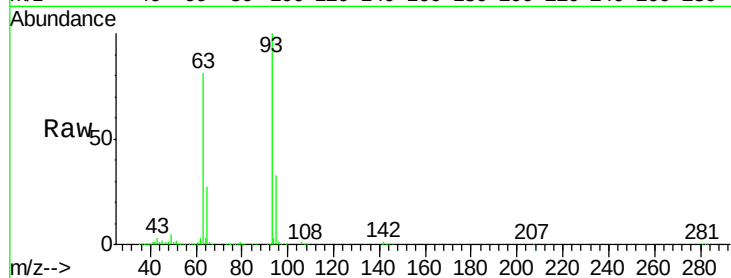
#11
bis(2-Chloroethyl)ether
Concen: 58.59 ng
RT: 6.75 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

Tgt Ion: 93 Resp: 1138302
Ion Ratio Lower Upper
93 100
63 80.8 59.7 99.7
95 33.3 14.0 54.0

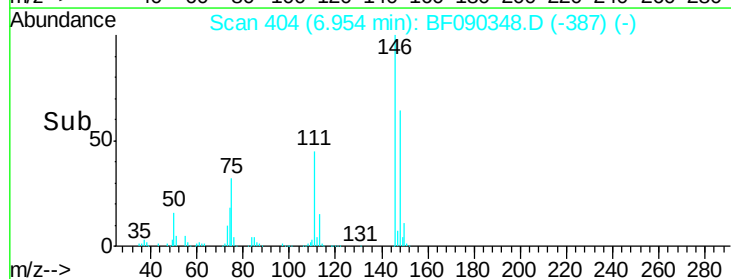
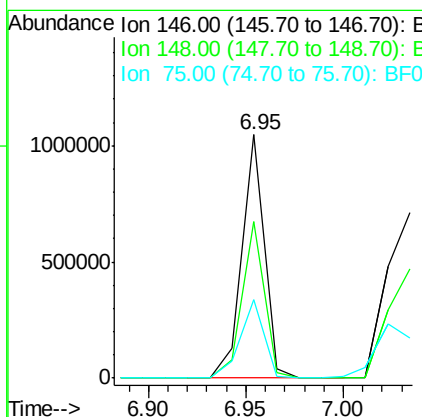
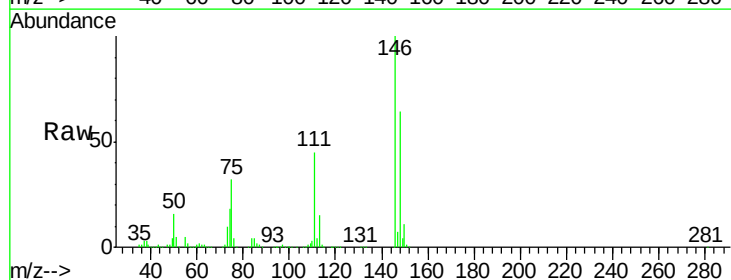
Manual Integrations
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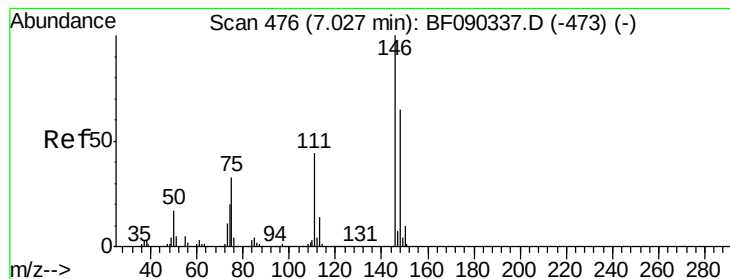
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#12
1,3-Dichlorobenzene
Concen: 39.60 ng m
RT: 6.95 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion: 146 Resp: 831514
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.4
75 32.3 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 38.61 ng

RT: 7.03 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

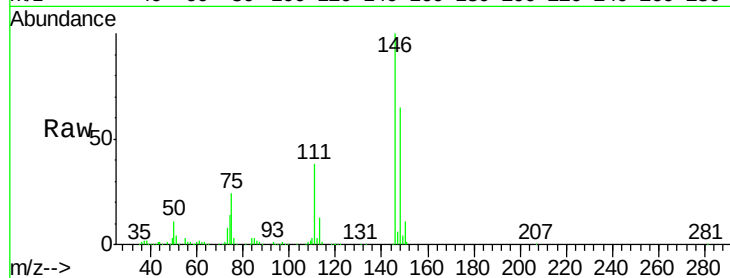
ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion:	146	Resp:	823312
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.1	76.7
111	38.0	37.8	56.6

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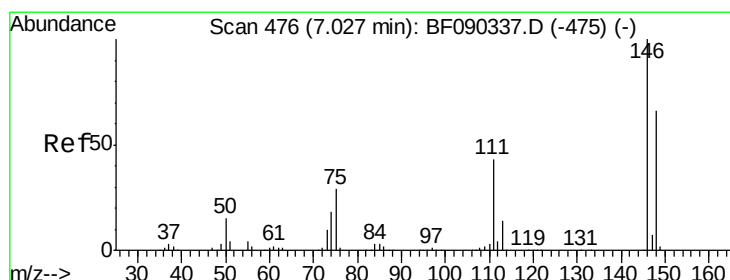
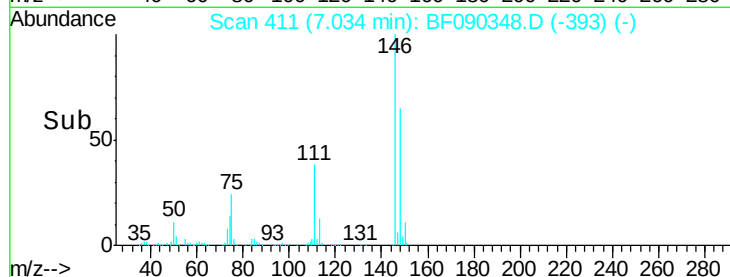
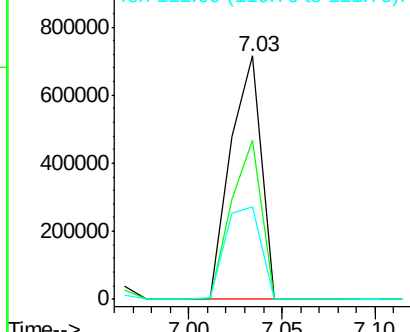


Abundance

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: 40.88 ng

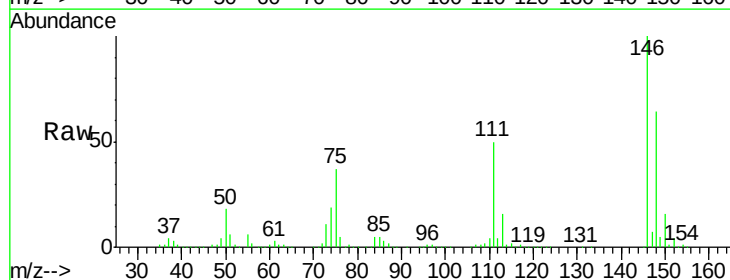
RT: 7.18 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Tgt Ion:	146	Resp:	828712
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.3	78.5
111	49.8	38.2	57.4

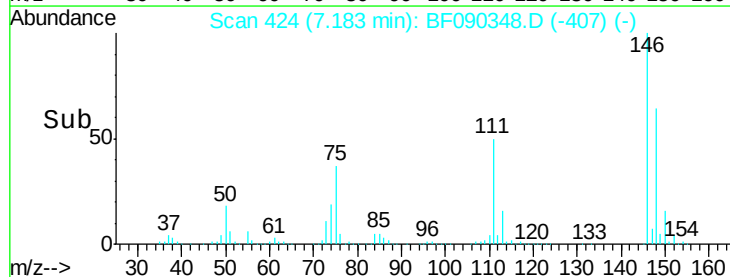
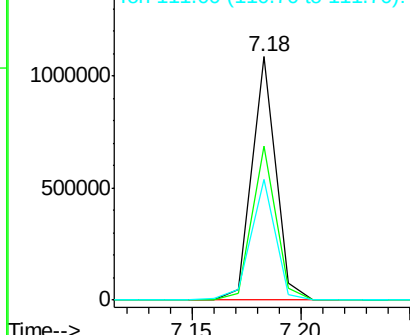


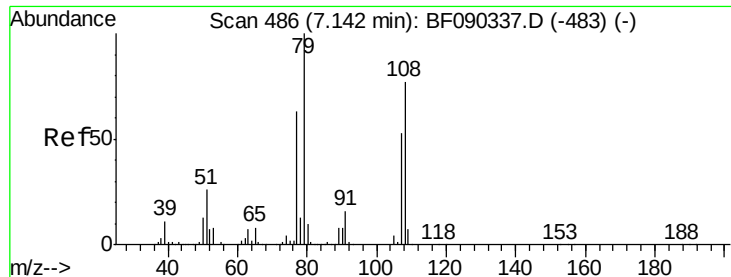
Abundance

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: 25.65 ng

RT: 7.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

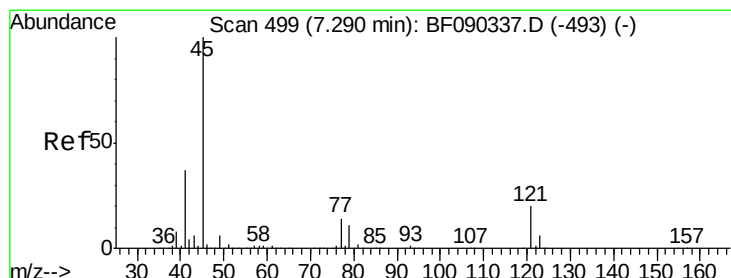
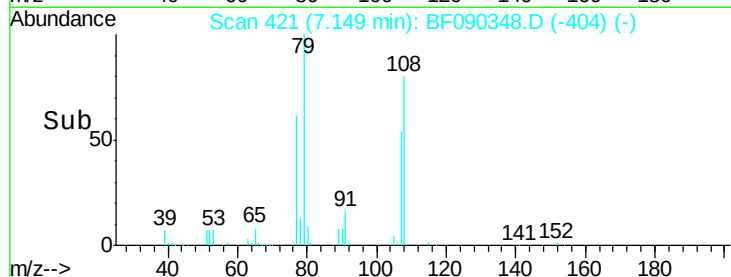
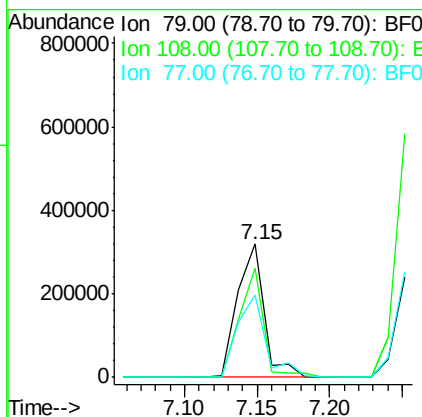
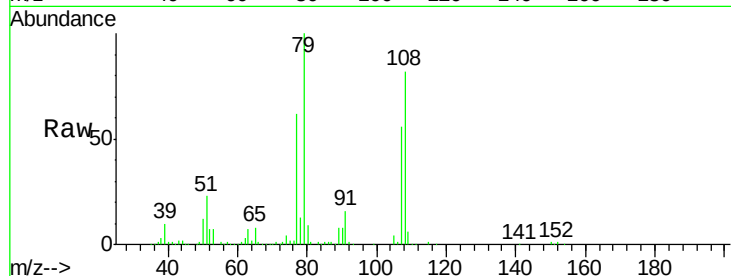
ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion:	79	Resp:	406741
Ion Ratio	Lower	Upper	
79	100		
108	81.7	60.9	91.3
77	62.2	51.5	77.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.45 ng

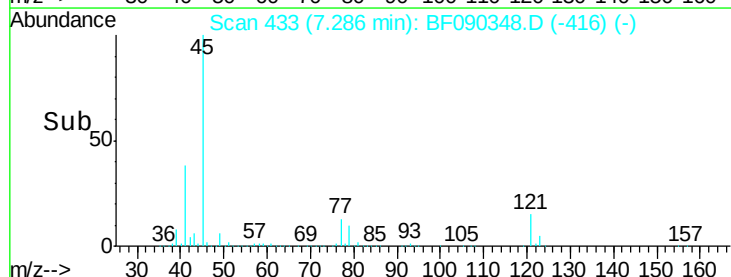
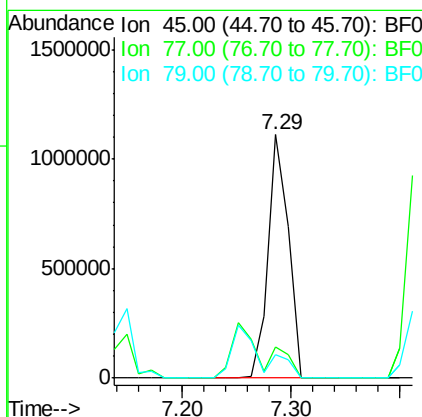
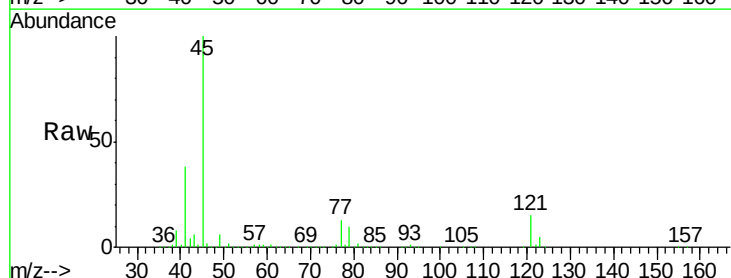
RT: 7.29 min Scan# 433

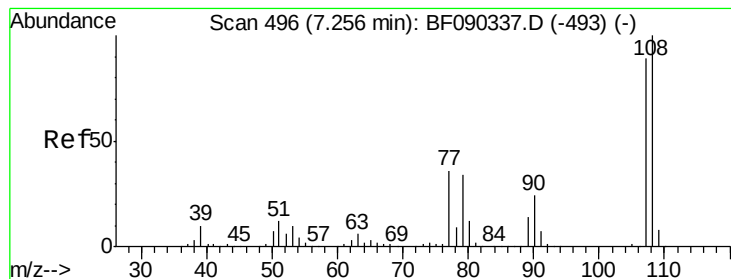
Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Tgt Ion:	45	Resp:	1438707
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	30.8
79	9.7	0.0	28.2





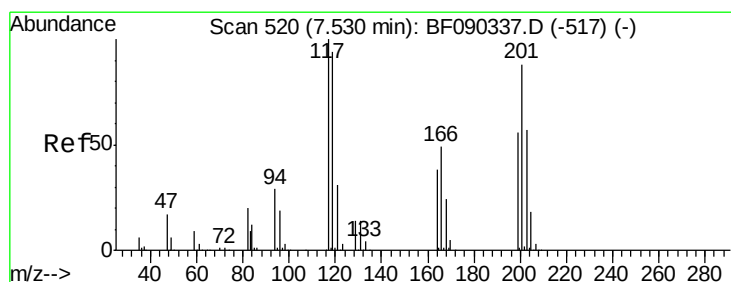
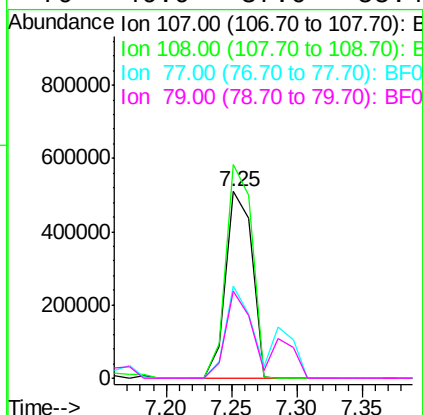
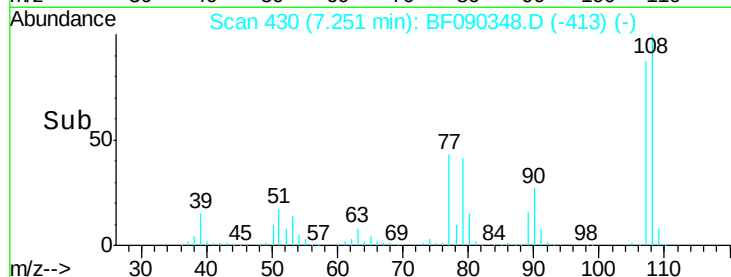
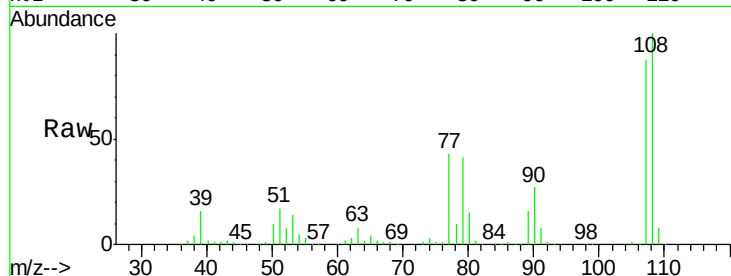
#17
2-Methylphenol
Concen: 45.58 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	713845		
108	114.4	90.9	136.3	
77	49.5	38.2	57.4	
79	46.9	37.0	55.4	

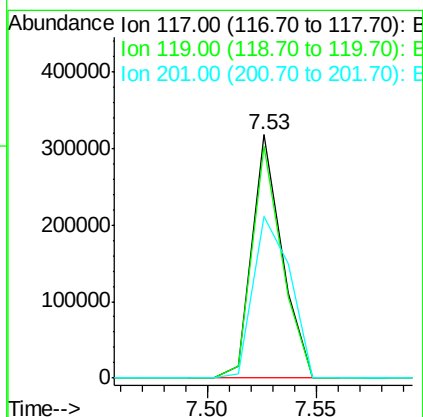
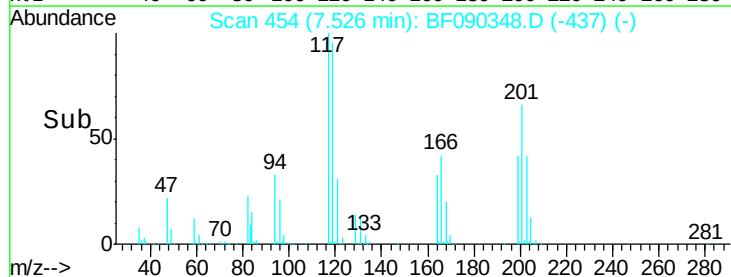
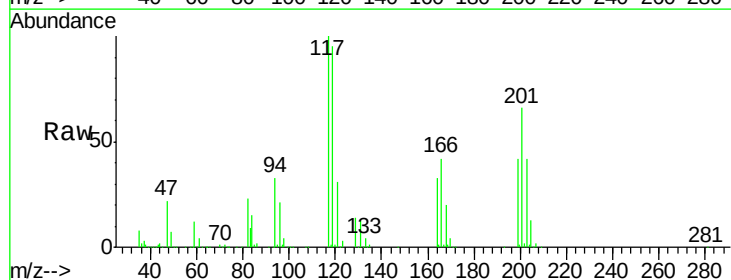
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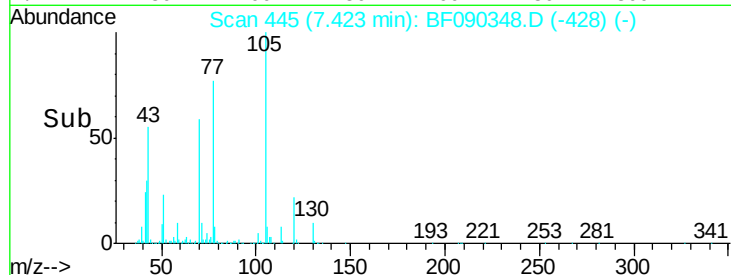
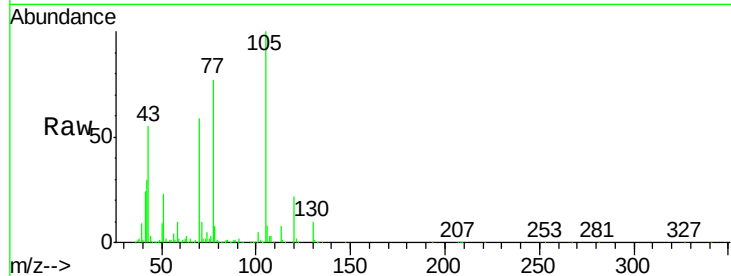
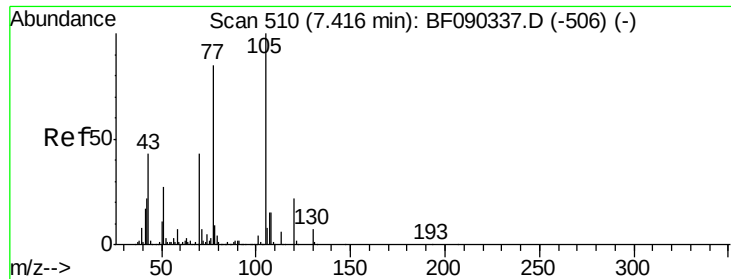
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#18
Hexachloroethane
Concen: 39.47 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	304563		
119	95.5	75.9	113.9	
201	66.5	66.5	99.7	





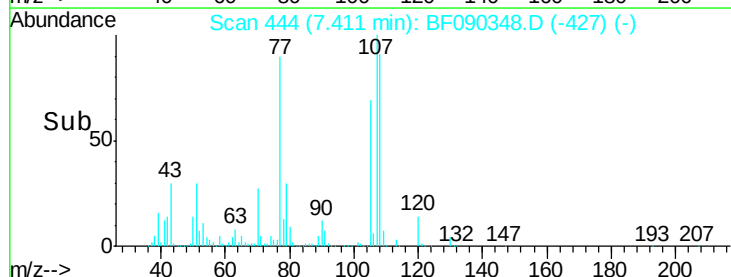
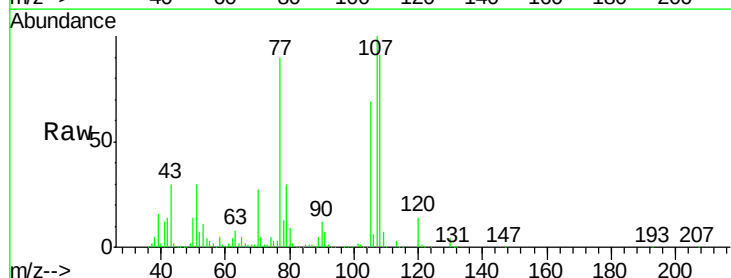
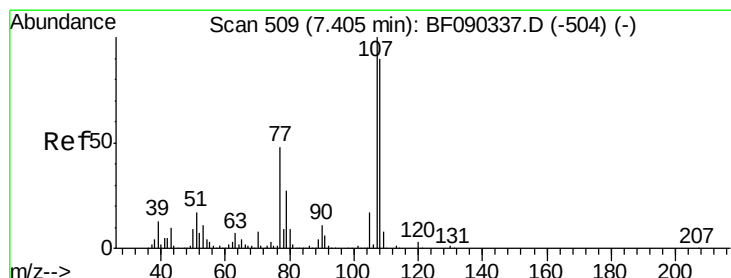
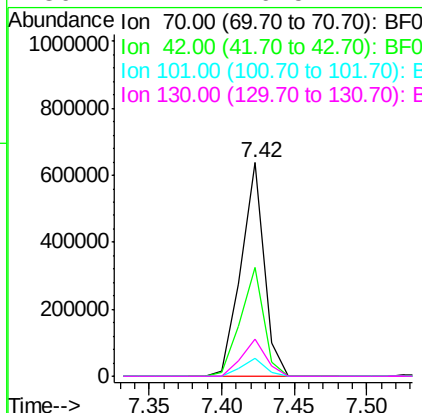
#19
n-Nitroso-di-n-propylamine
Concen: 49.22 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.2	55.4	83.2#
101	8.5	7.6	11.4
130	17.2	16.5	24.7

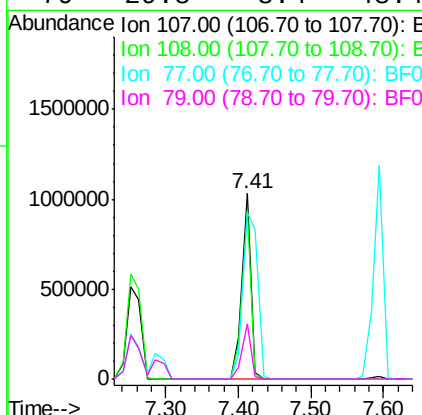
Manual Integrations
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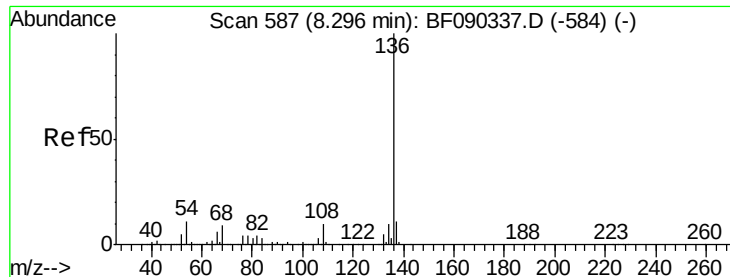
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#20
3+4-Methylphenols
Concen: 44.86 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	66.7	106.7
77	89.6	53.7	93.7
79	29.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF090348.D

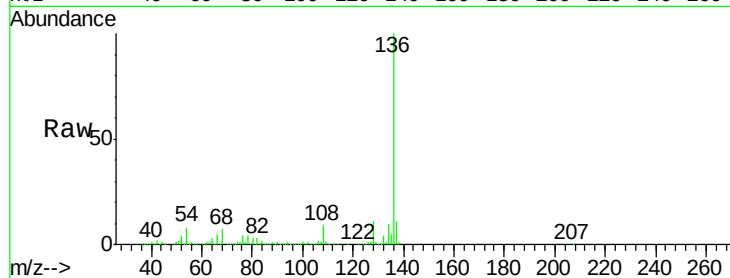
Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MSD



Tgt Ion:136 Resp: 1123966

Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.1 6.6 10.0

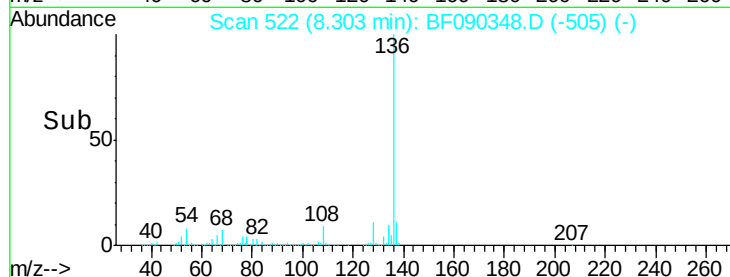
68 6.9 5.0 7.6

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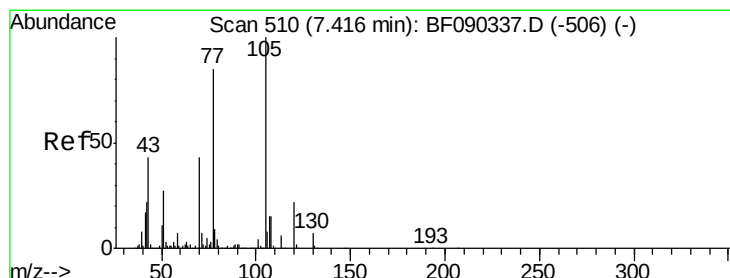
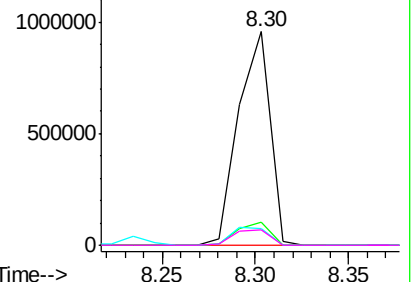
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



#22

Acetophenone

Concen: 49.16 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.01 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Tgt Ion:105 Resp: 1279384

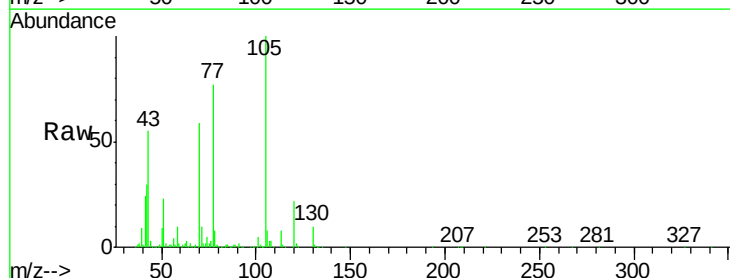
Ion Ratio Lower Upper

105 100

71 10.2 3.8 5.6#

51 23.3 28.2 42.4#

120 22.2 17.4 26.2



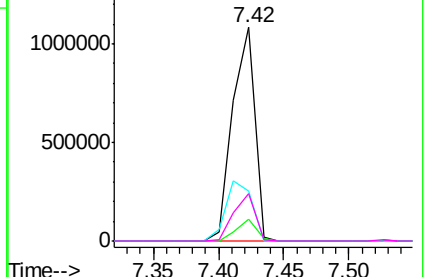
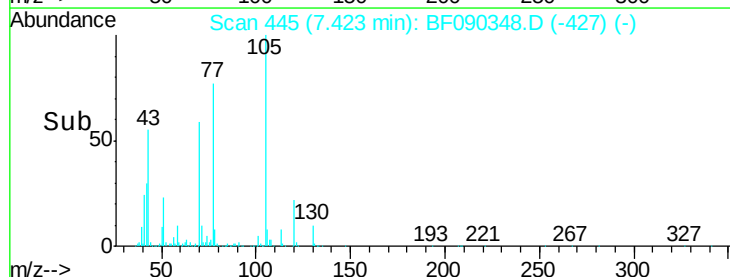
Abundance Ion 105.00 (104.70 to 105.70): E

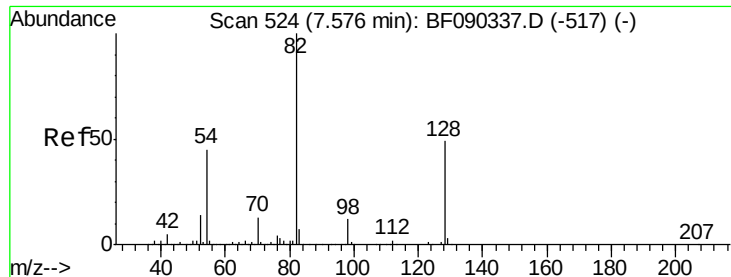
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->





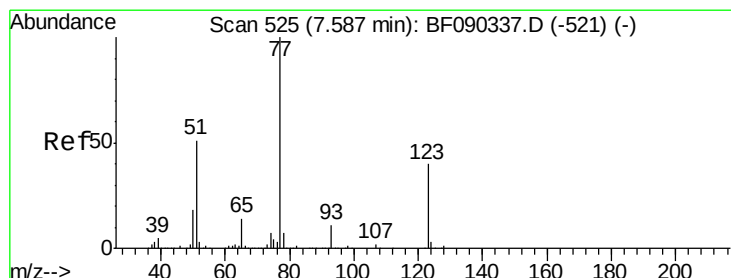
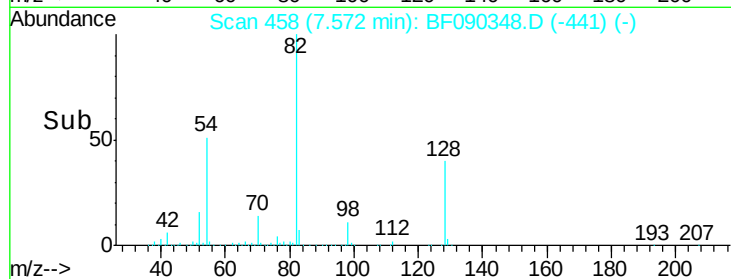
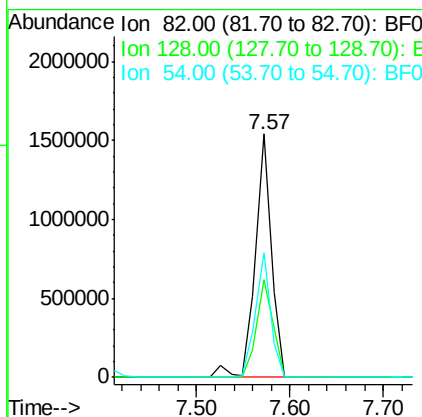
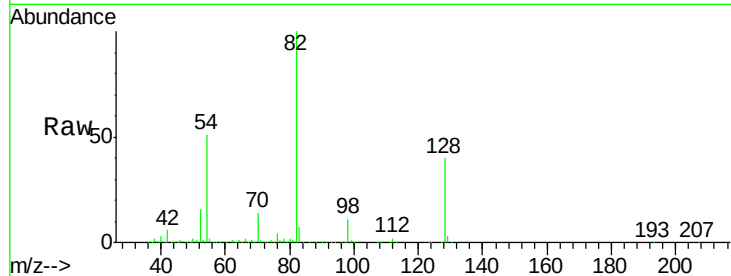
#23
 Nitrobenzene-d5
 Concen: 96.30 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-3-6MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	40.0	60.0
54	51.1	42.6	64.0

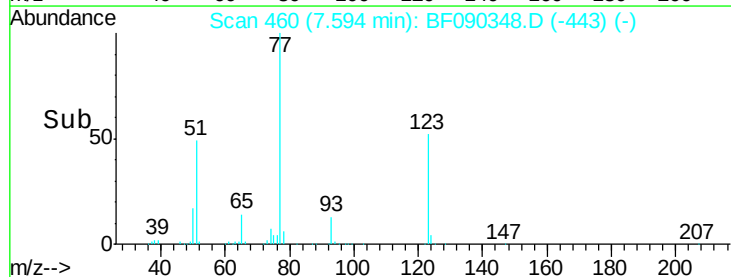
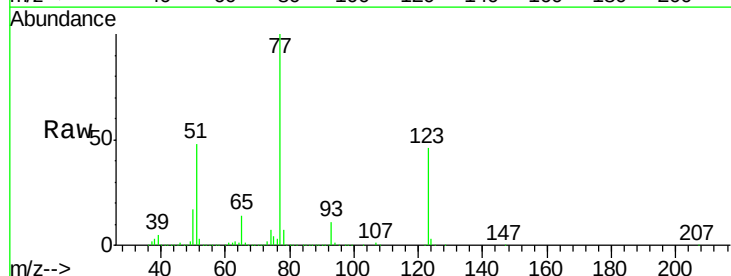
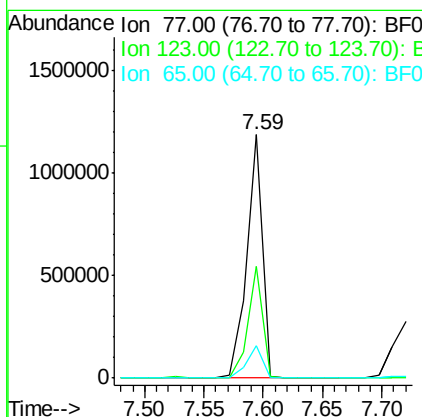
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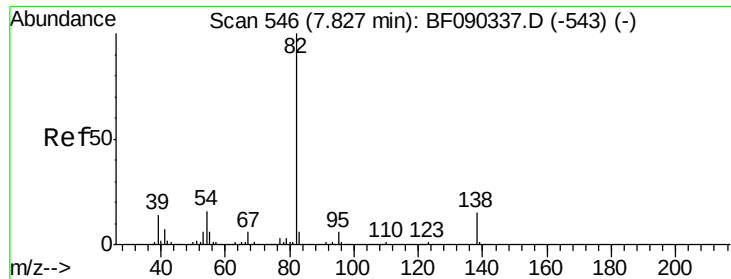
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#24
 Nitrobenzene
 Concen: 52.96 ng
 RT: 7.59 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	33.0	49.4
65	13.5	12.0	18.0





#25

Isophorone

Concen: 49.75 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion: 82 Resp: 1825078

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

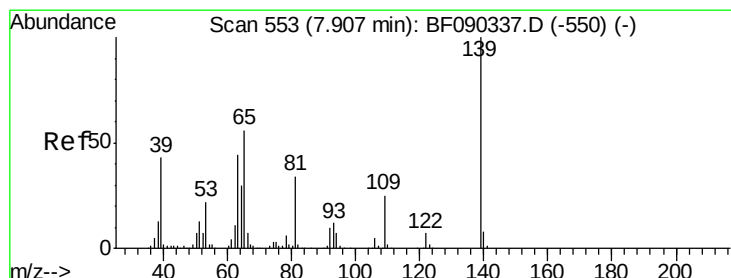
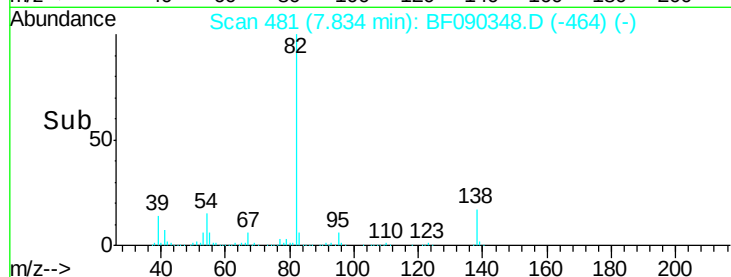
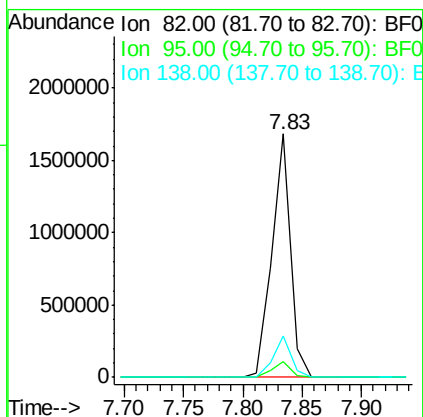
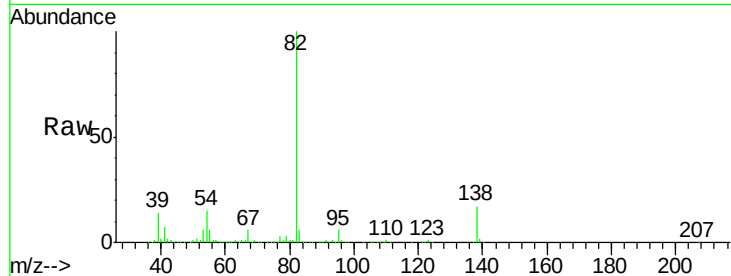
138 16.9 13.0 19.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 52.87 ng

RT: 7.91 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

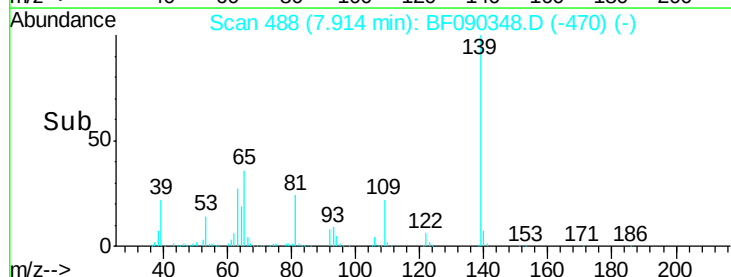
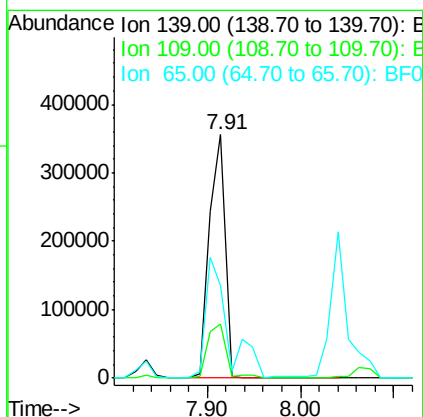
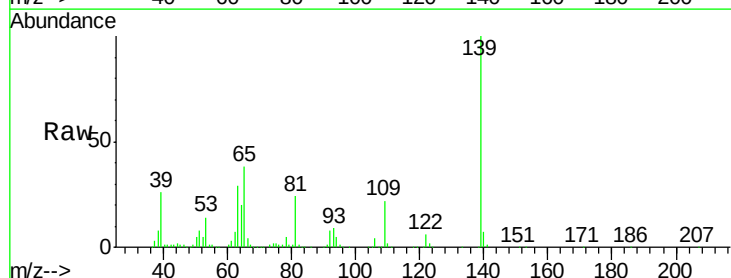
Tgt Ion: 139 Resp: 419985

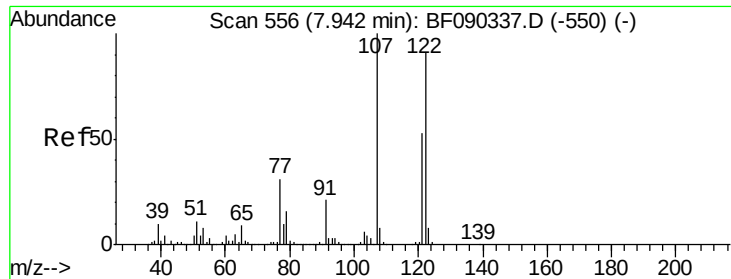
Ion Ratio Lower Upper

139 100

109 22.1 18.9 28.3

65 37.8 31.6 47.4





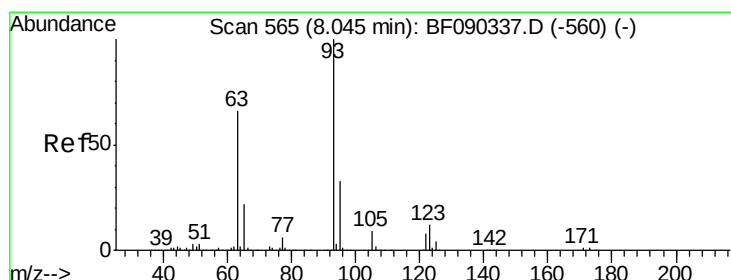
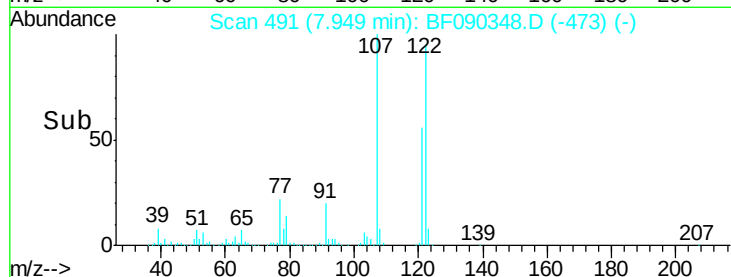
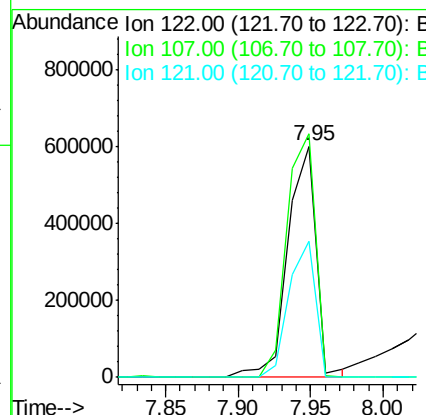
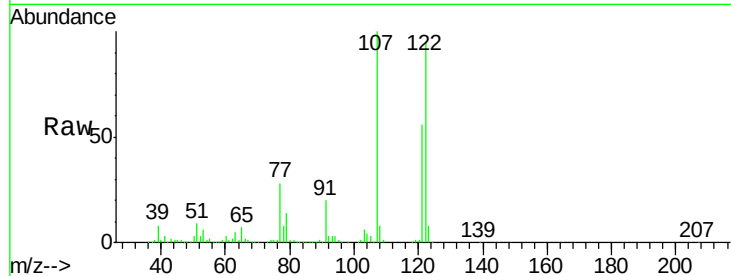
#27
2,4-Dimethylphenol
Concen: 45.53 ng
RT: 7.95 min Scan# 491
Delta R.T. 0.01 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	816066		
107	105.3	88.6	132.8	
121	58.7	47.5	71.3	

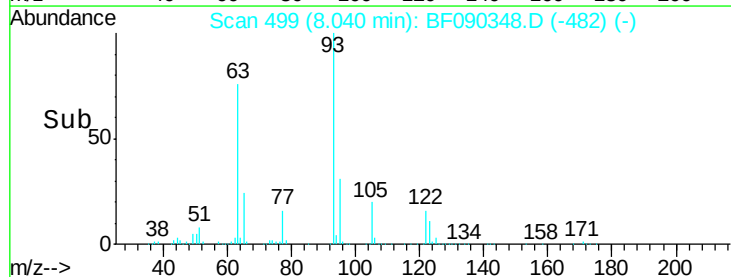
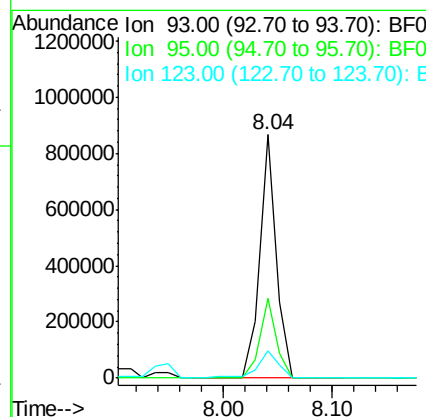
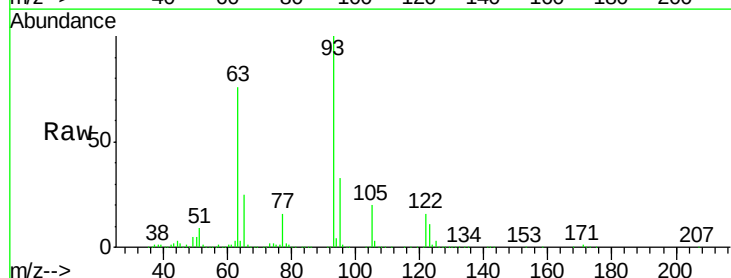
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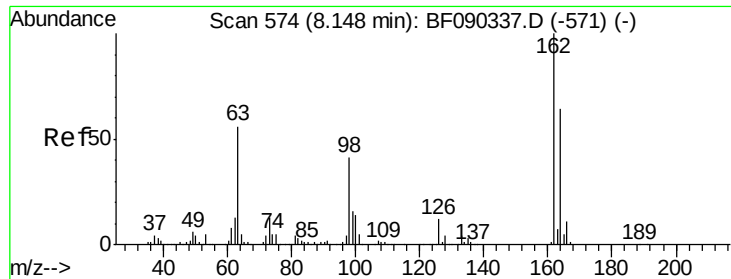
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#28
bis(2-Chloroethoxy)methane
Concen: 40.44 ng
RT: 8.04 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	921088		
95	32.8	27.0	40.4	
123	11.3	11.1	16.7	





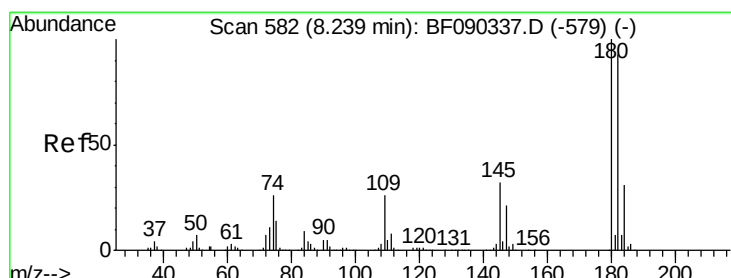
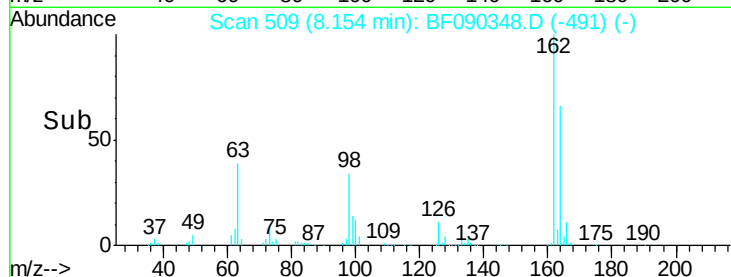
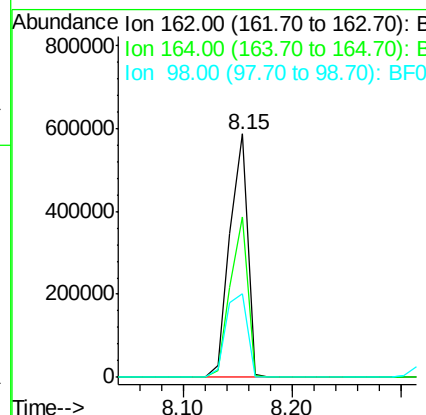
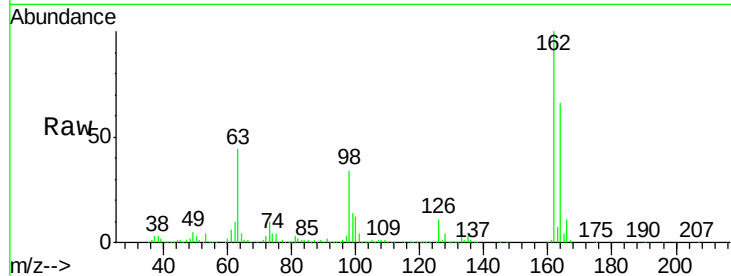
#29
 2,4-Dichlorophenol
 Concen: 45.48 ng
 RT: 8.15 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-3-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	667313		
164	66.1	45.7	85.7	
98	34.2	13.3	53.3	

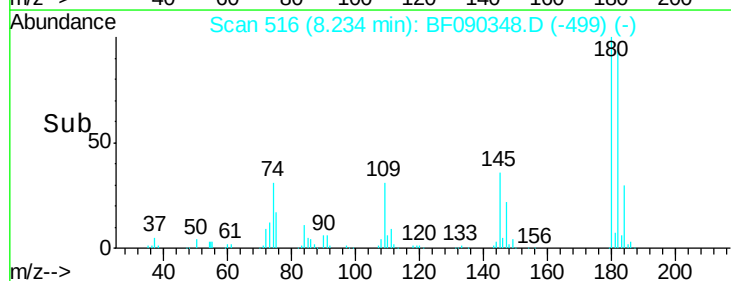
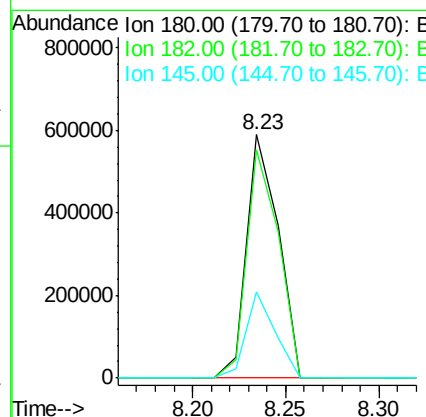
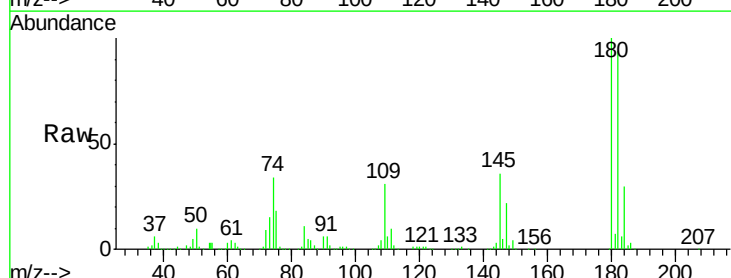
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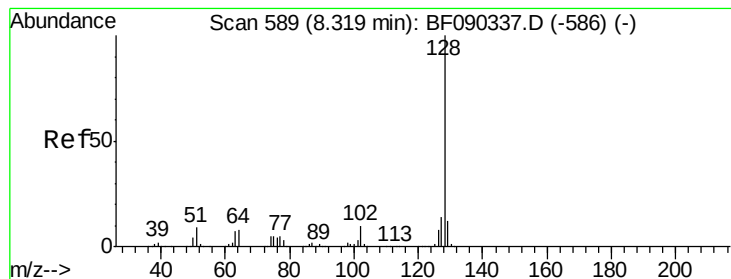
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.15 ng
 RT: 8.23 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	692749		
182	93.6	75.3	112.9	
145	35.6	27.7	41.5	





#31

Naphthalene

Concen: 47.29 ng

RT: 8.33 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion:128 Resp: 2540545

Ion Ratio Lower Upper

128 100

129 11.5 9.7 14.5

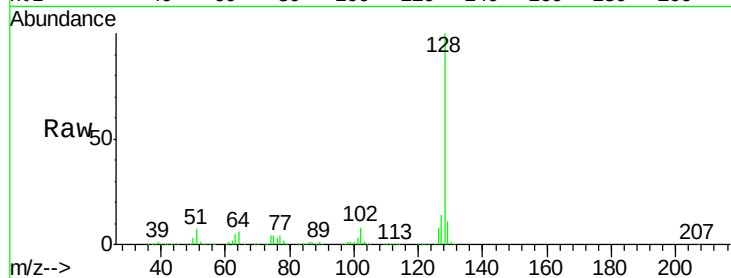
127 13.7 11.7 17.5

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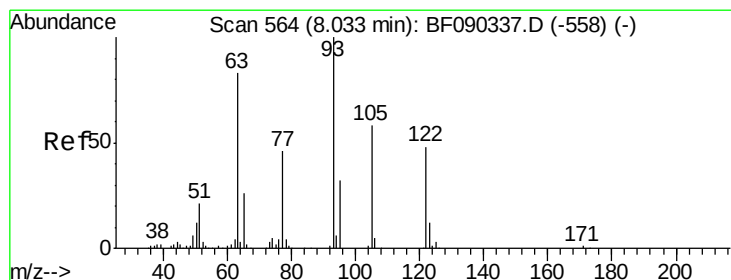
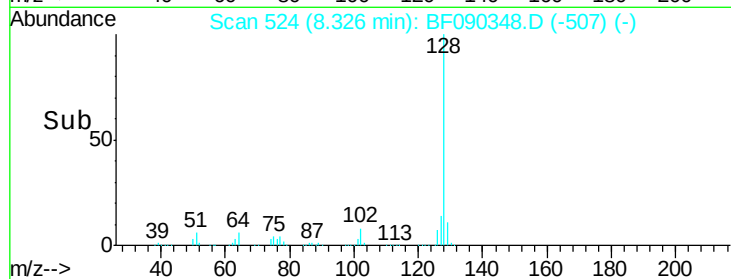
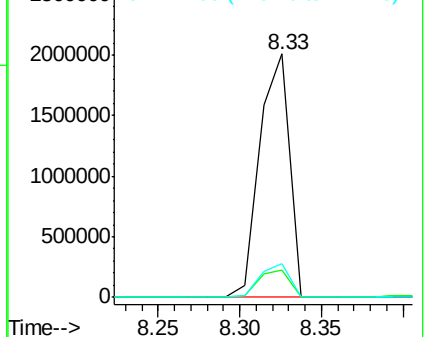
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.17 ng

RT: 8.05 min Scan# 500

Delta R.T. 0.02 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

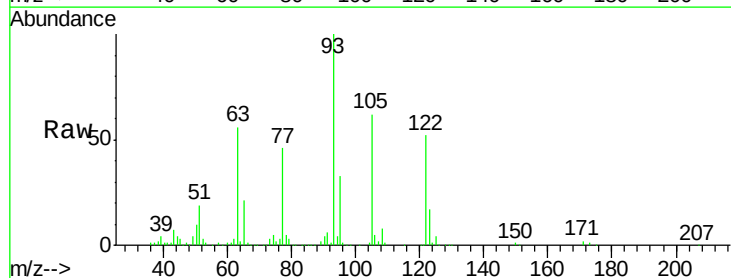
Tgt Ion:122 Resp: 464696

Ion Ratio Lower Upper

122 100

105 118.9 103.9 143.9

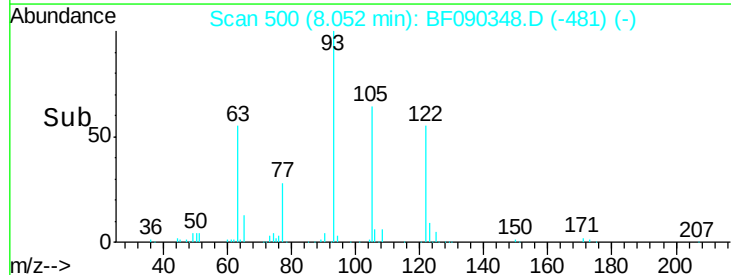
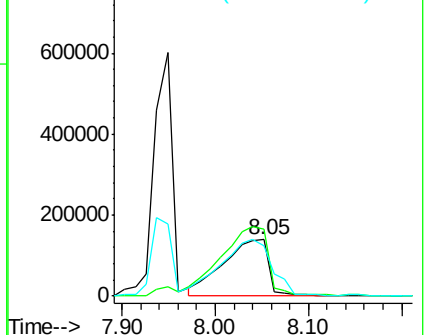
77 88.4 74.6 114.6

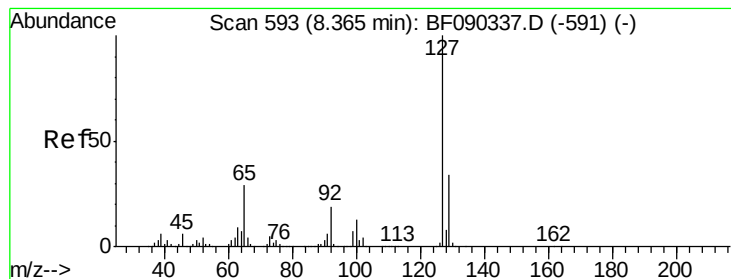


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 16.09 ng

RT: 8.33 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion:127 Resp: 345329
Ion Ratio Lower Upper

127 100

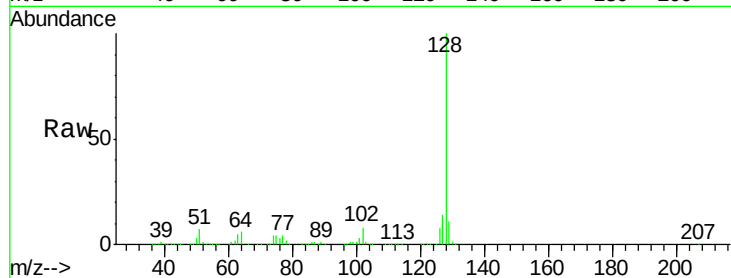
129 83.6 26.2 39.4#

65 0.0 32.5 48.7#

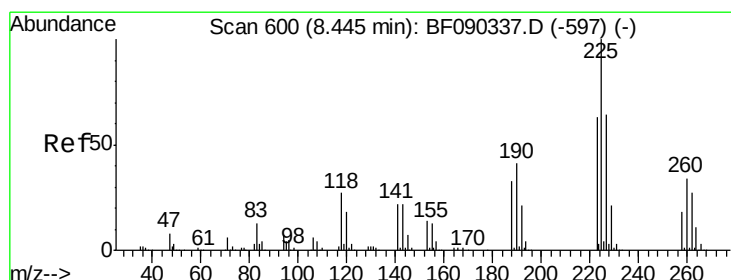
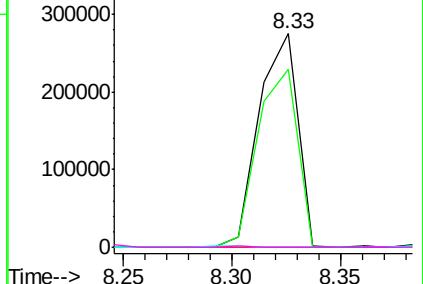
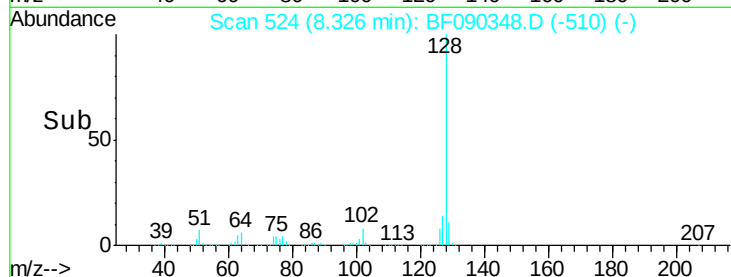
92 0.0 17.2 25.8#

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Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.44 ng

RT: 8.44 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF090348.D

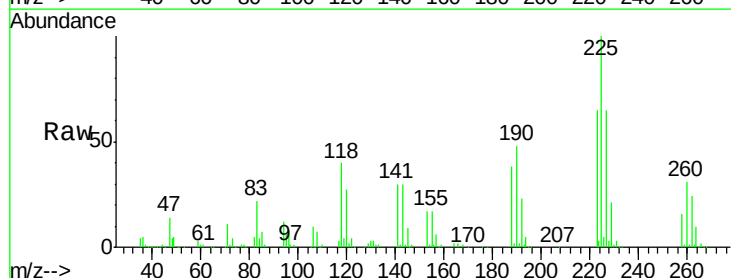
Acq: 4 Oct 2016 18:12

Tgt Ion:225 Resp: 362219
Ion Ratio Lower Upper

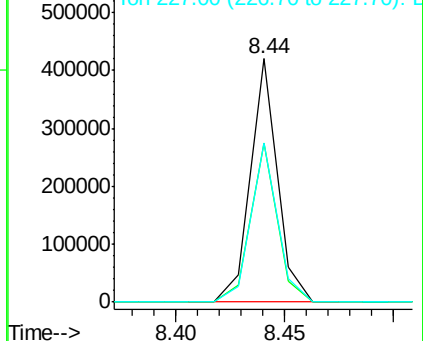
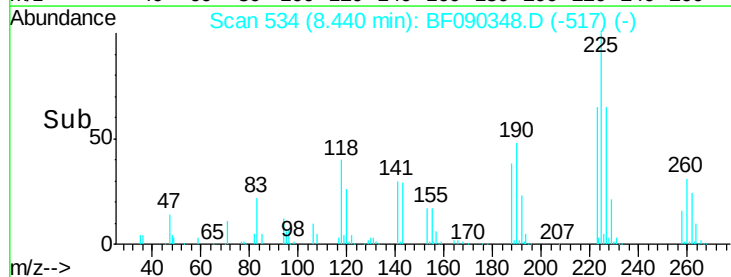
225 100

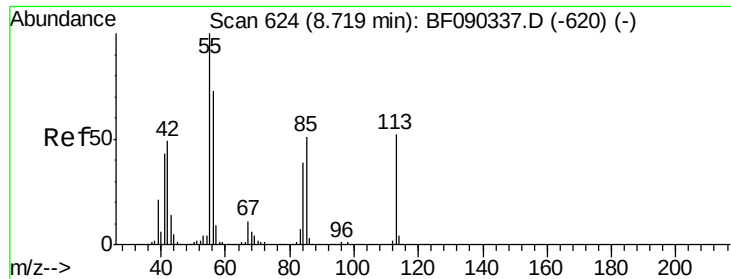
223 65.2 51.0 76.4

227 65.4 50.8 76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





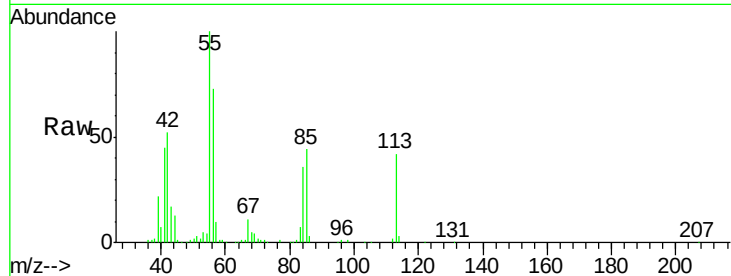
#35
 Caprolactam
 Concen: 32.01 ng m
 RT: 8.71 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-3-6MSD

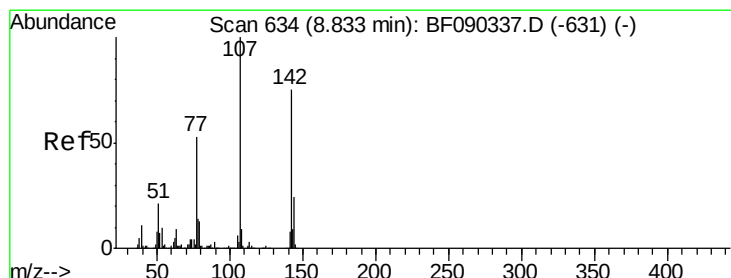
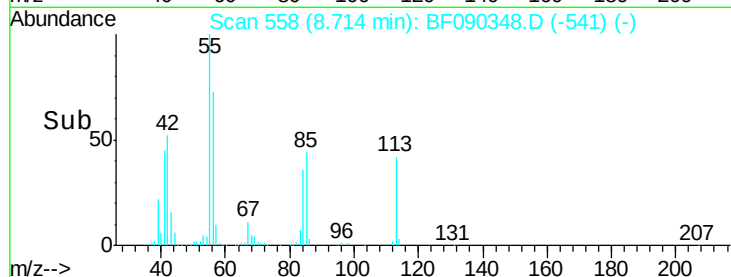
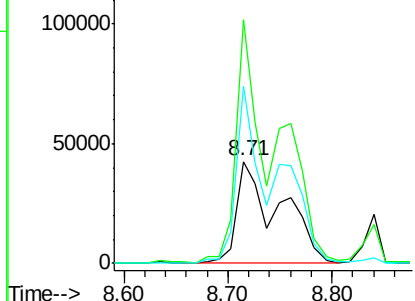
Tgt Ion:113 Resp: 122853
 Ion Ratio Lower Upper
 113 100
 55 238.3 203.3 243.3
 56 173.8 140.5 180.5

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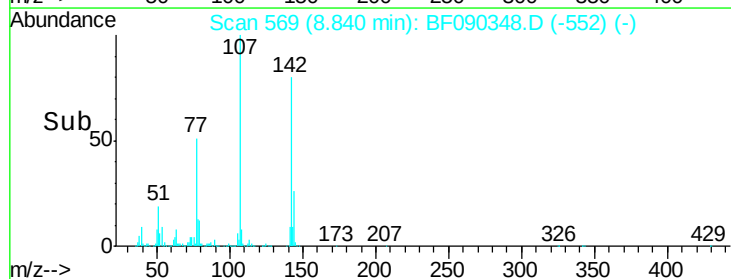
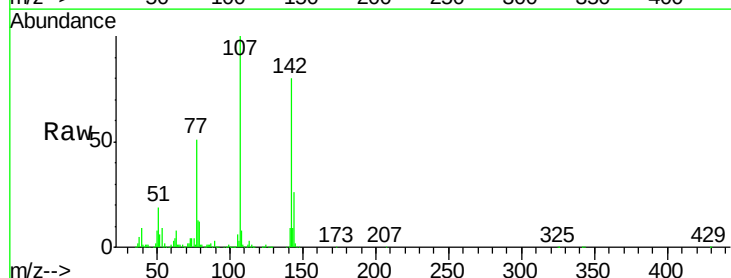
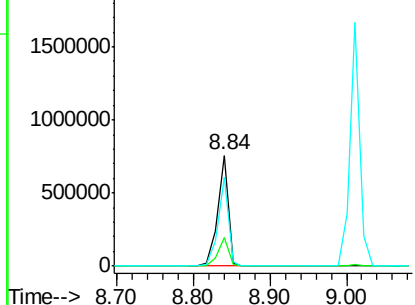
Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

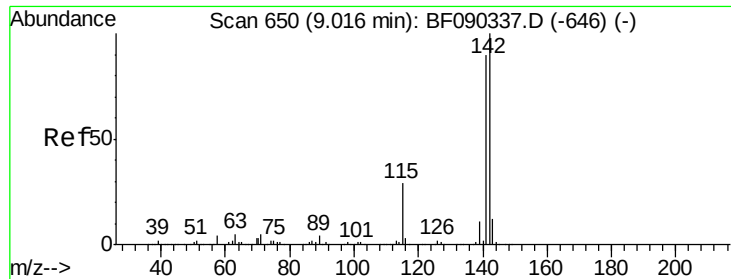


#36
 4-Chloro-3-methylphenol
 Concen: 45.81 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Tgt Ion:107 Resp: 721850
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.8 29.8
 142 79.9 60.7 91.1

Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





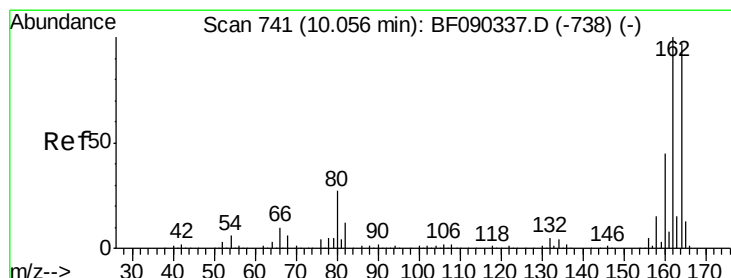
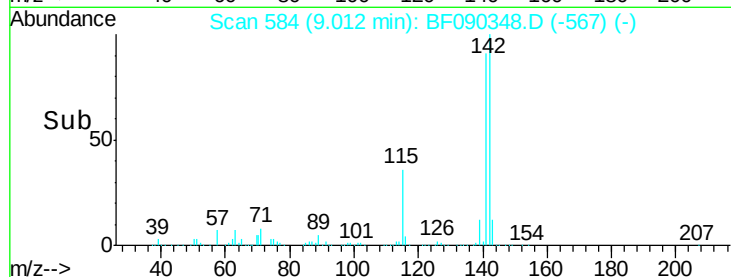
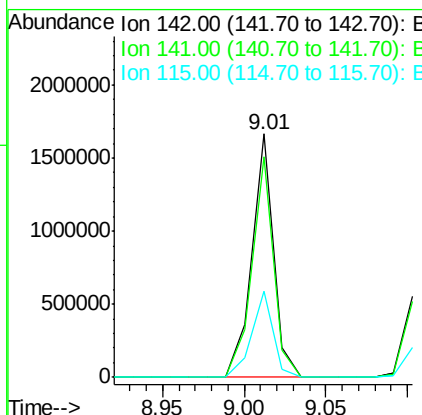
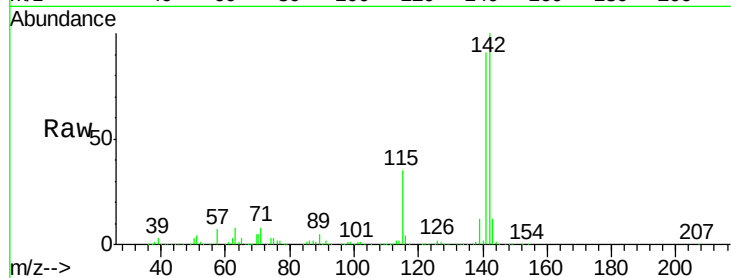
#37
 2-Methylnaphthalene
 Concen: 45.68 ng
 RT: 9.01 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-3-6MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.8	107.8
115	35.5	28.8	43.2

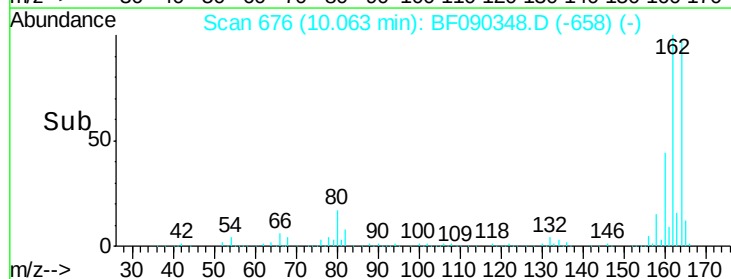
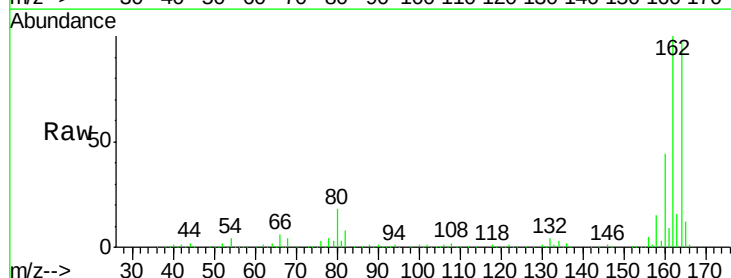
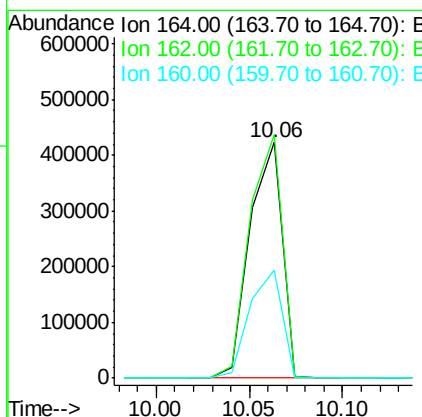
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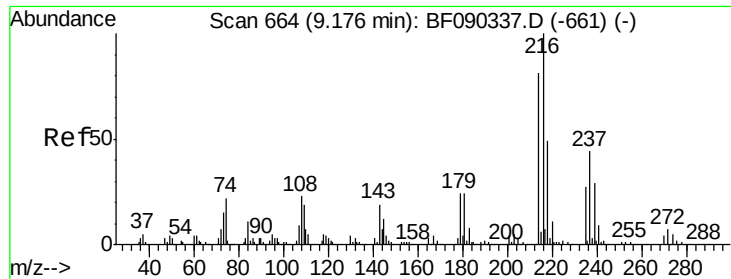
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.06 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.1	120.1
160	45.9	36.3	54.5





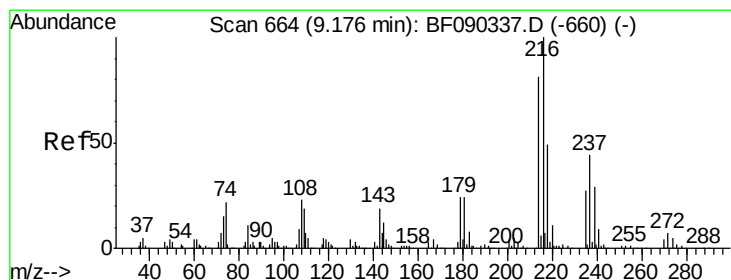
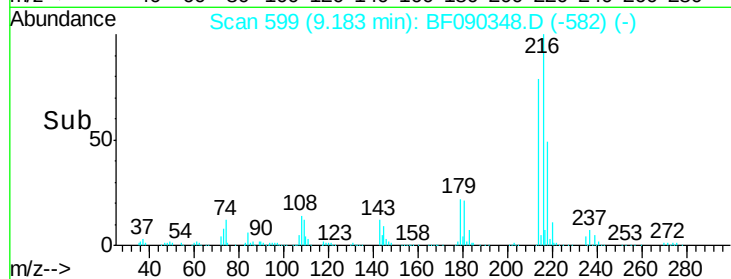
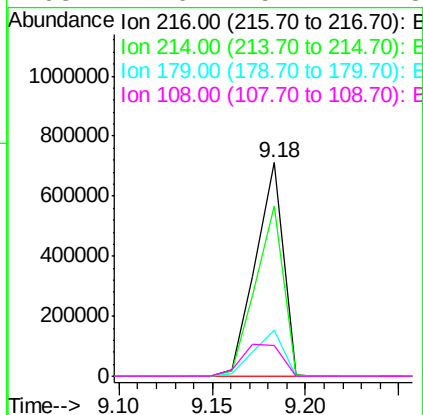
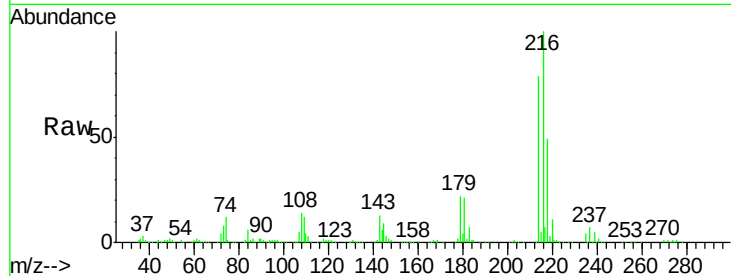
#39
1,2,4,5-Tetrachlorobenzene
Concen: 50.52 ng
RT: 9.18 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	735175		
214	79.8	64.2	96.2	
179	22.5	18.0	27.0	
108	21.6	15.2	22.8	

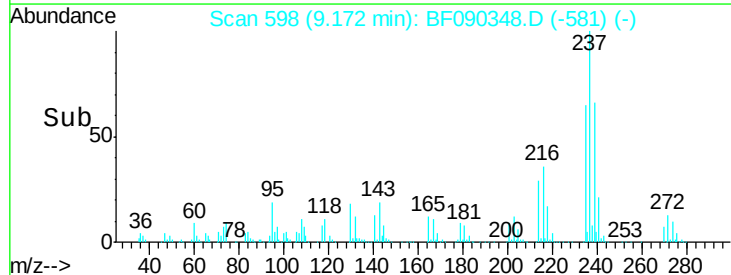
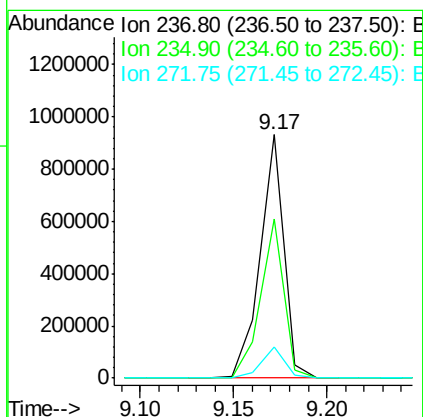
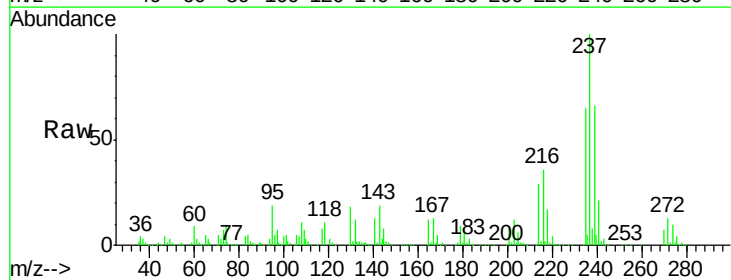
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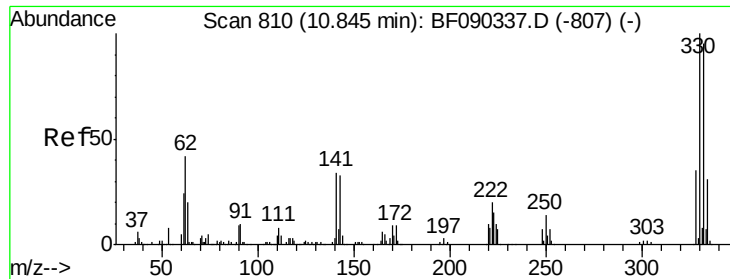
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#40
Hexachlorocyclopentadiene
Concen: 84.60 ng
RT: 9.17 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	829142		
235	65.1	43.6	83.6	
272	12.9	0.0	32.7	





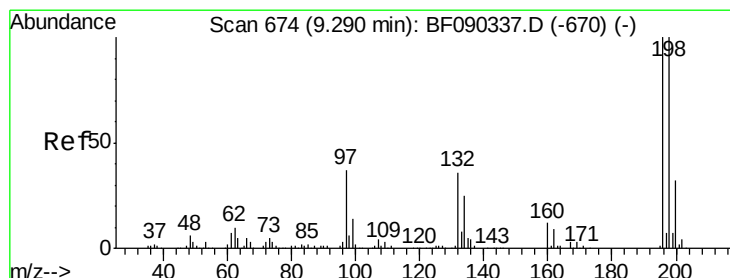
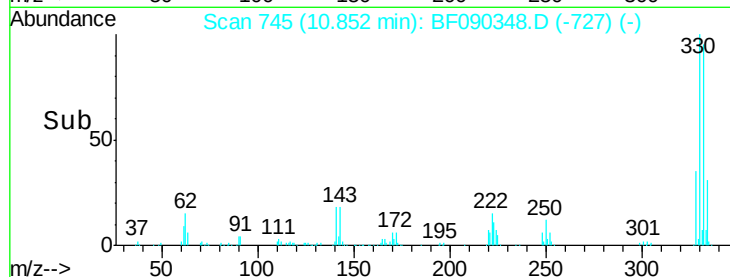
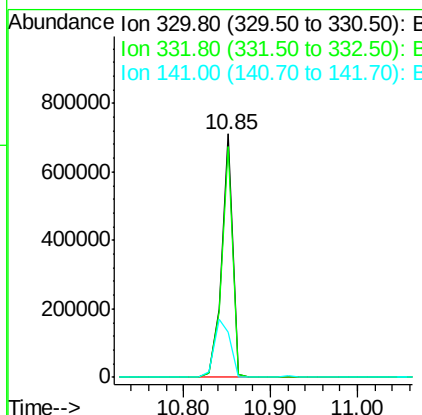
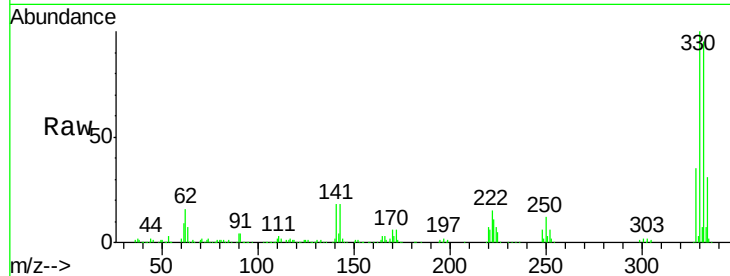
#41
 2,4,6-Tribromophenol
 Concen: 143.50 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-3-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	642595		
332	95.2	75.4	113.0	
141	34.0	26.9	40.3	

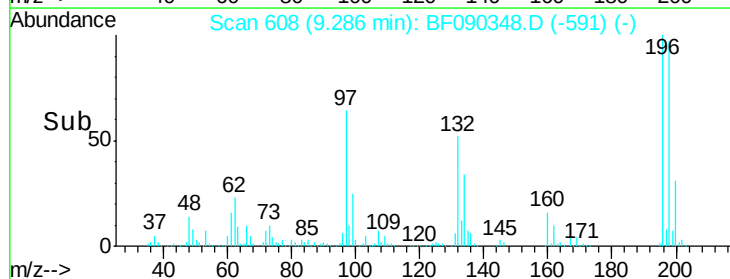
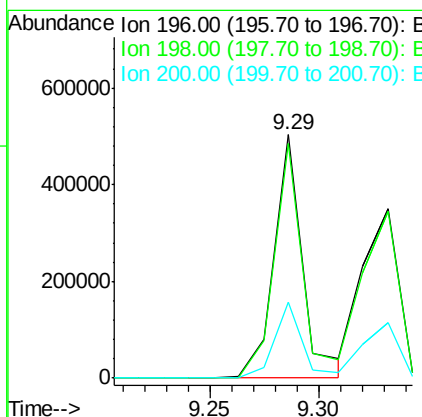
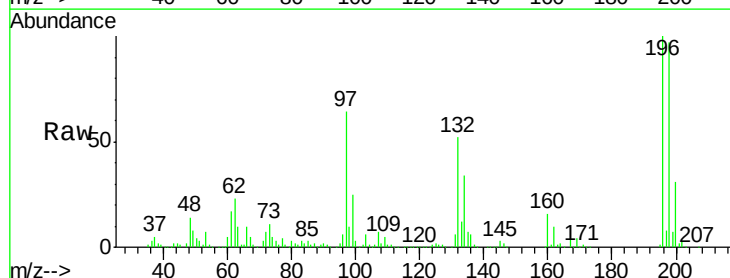
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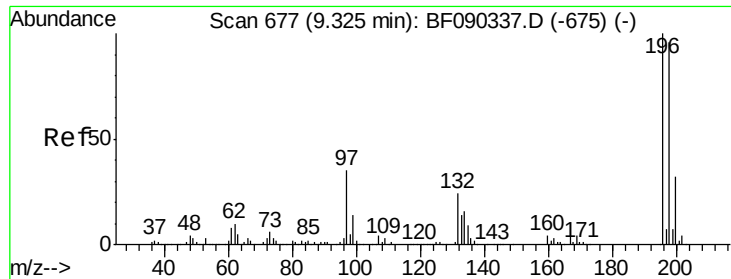
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#42
 2,4,6-Trichlorophenol
 Concen: 50.70 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	464199		
198	96.6	78.9	118.3	
200	30.9	25.4	38.2	





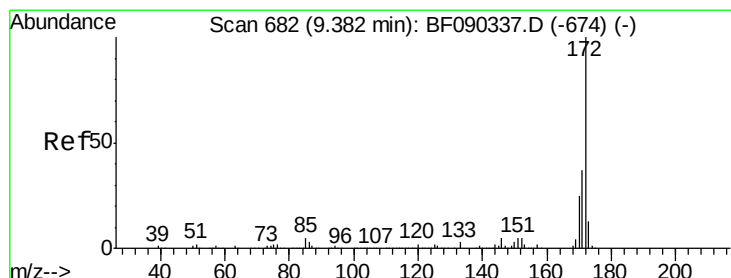
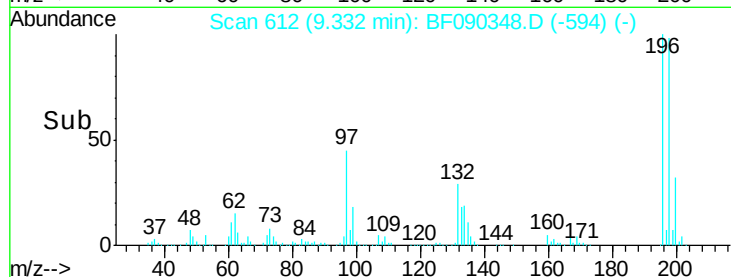
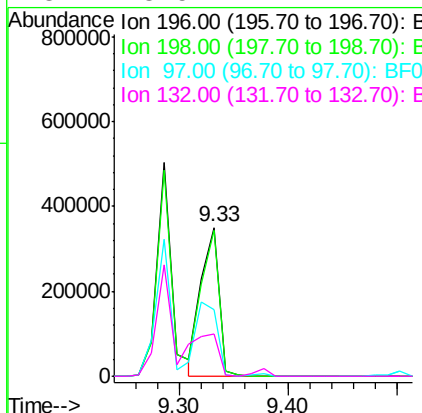
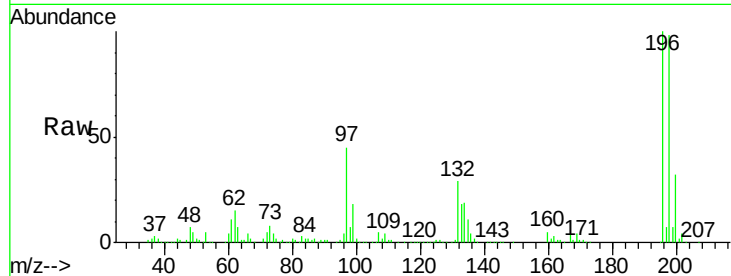
#43
2,4,5-Trichlorophenol
Concen: 44.52 ng
RT: 9.33 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	410161		
198	98.3	78.1	117.1	
97	45.0	48.1	72.1	
132	28.5	27.4	41.2	

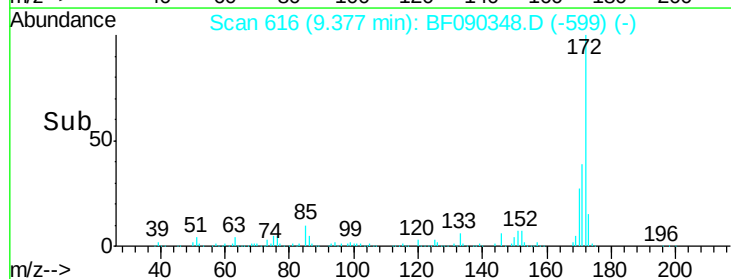
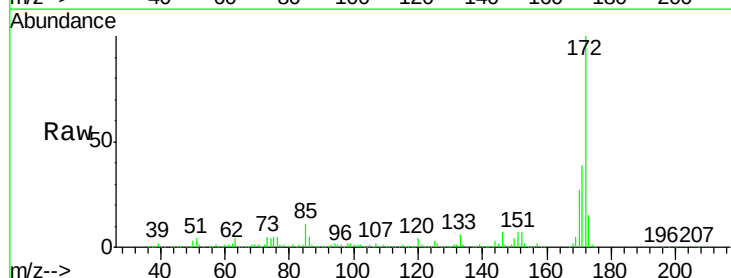
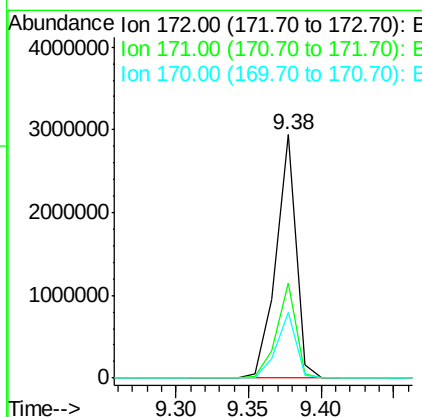
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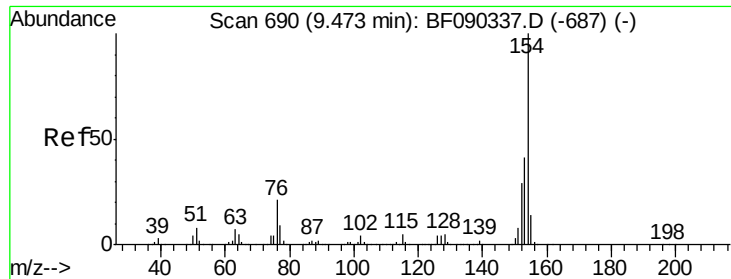
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#44
2-Fluorobiphenyl
Concen: 88.80 ng
RT: 9.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2807975		
171	39.1	31.8	47.8	
170	26.9	21.7	32.5	





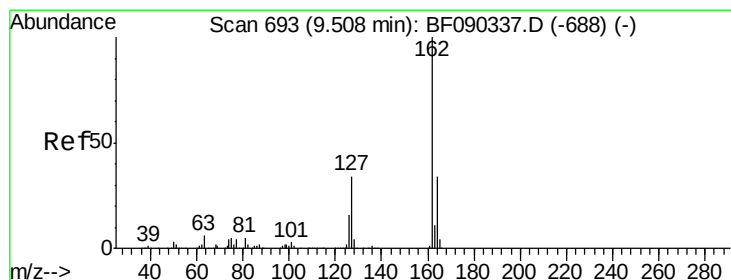
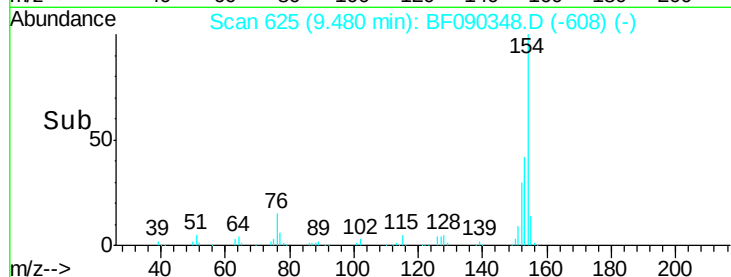
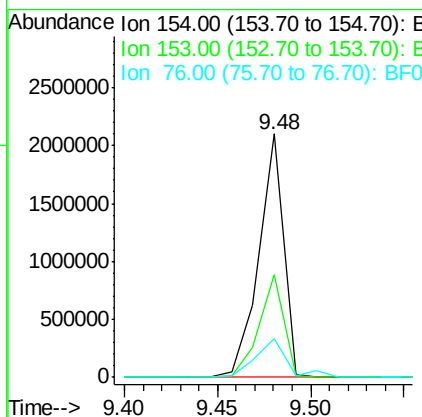
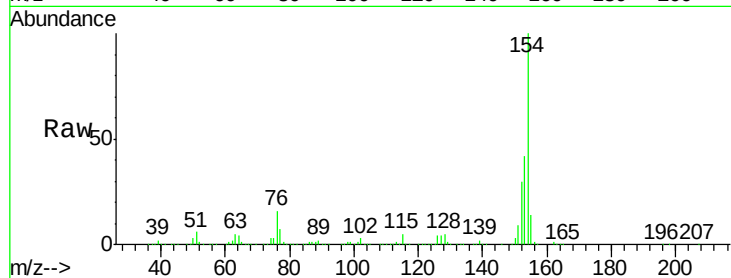
#45
 1,1'-Biphenyl
 Concen: 47.90 ng
 RT: 9.48 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-3-6MSD

Tgt Ion:154 Resp: 1911931
 Ion Ratio Lower Upper
 154 100
 153 42.3 23.8 63.8
 76 15.7 0.0 35.8

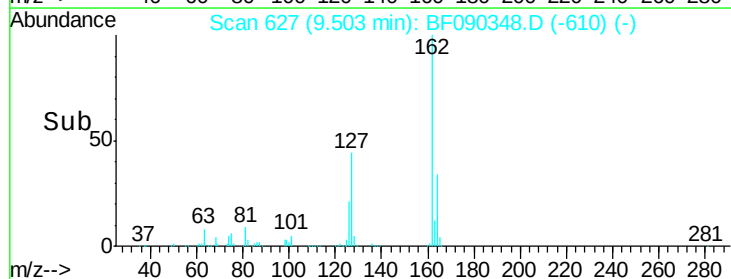
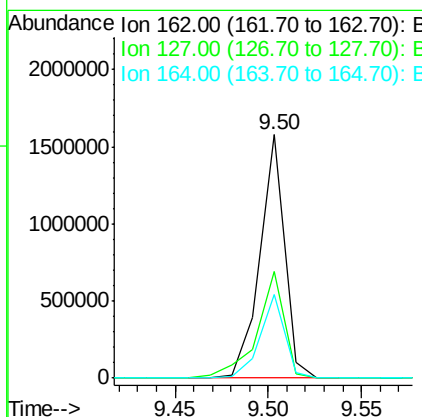
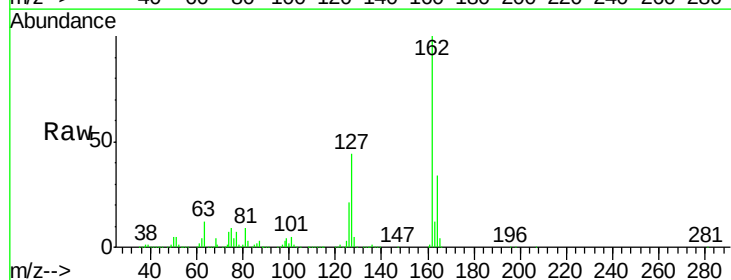
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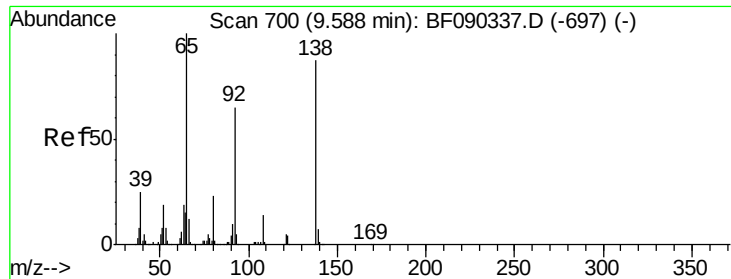
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#46
 2-Chloronaphthalene
 Concen: 48.04 ng
 RT: 9.50 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Tgt Ion:162 Resp: 1439450
 Ion Ratio Lower Upper
 162 100
 127 43.9 35.6 53.4
 164 34.2 27.5 41.3





#47

2-Nitroaniline

Concen: 33.85 ng

RT: 9.59 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

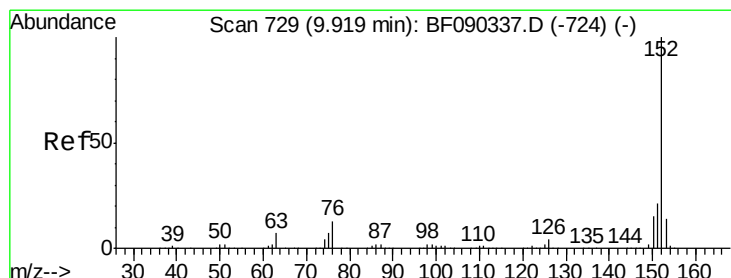
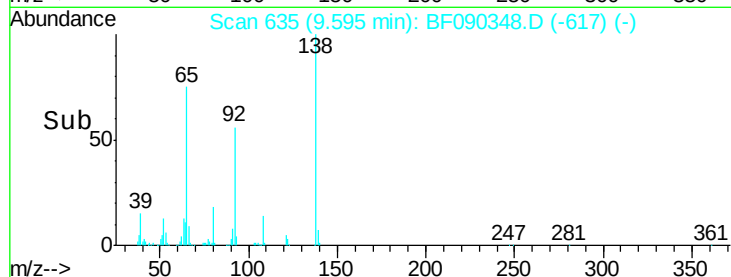
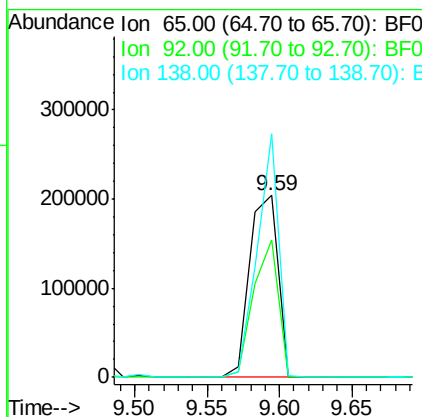
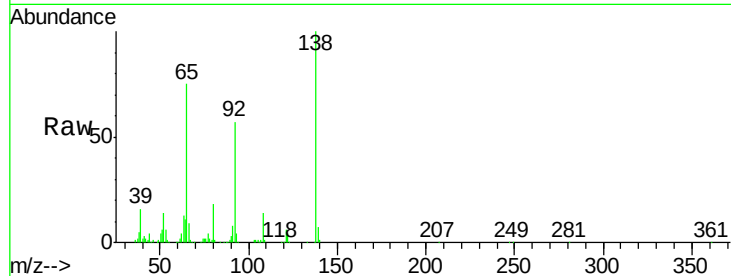
ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.7	51.7	77.5
138	133.9	79.0	118.4

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#48

Acenaphthylene

Concen: 43.95 ng

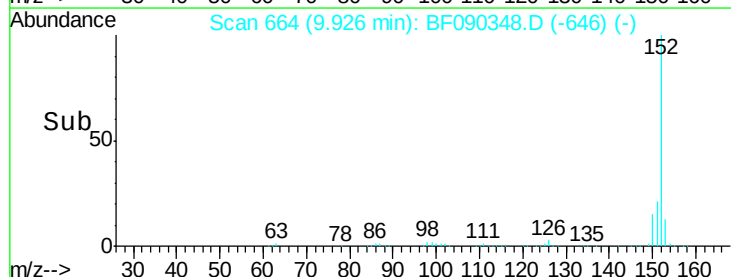
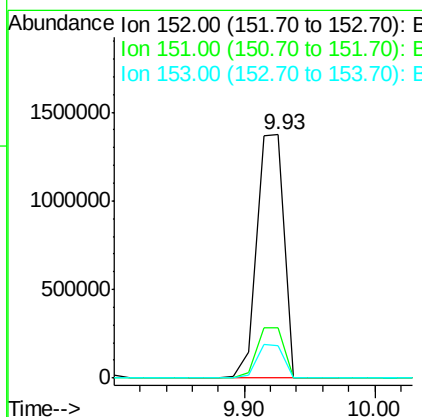
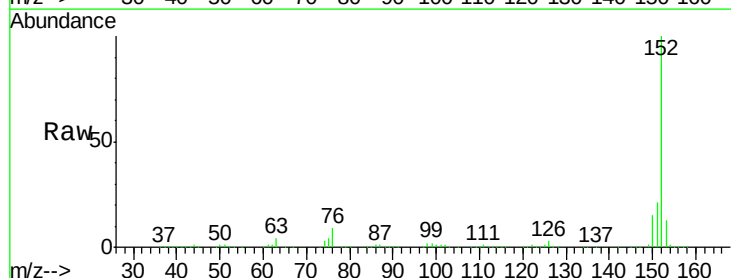
RT: 9.93 min Scan# 664

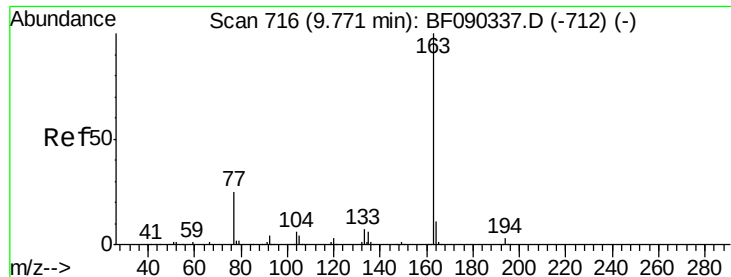
Delta R.T. 0.01 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.4	26.0
153	13.4	11.6	17.4





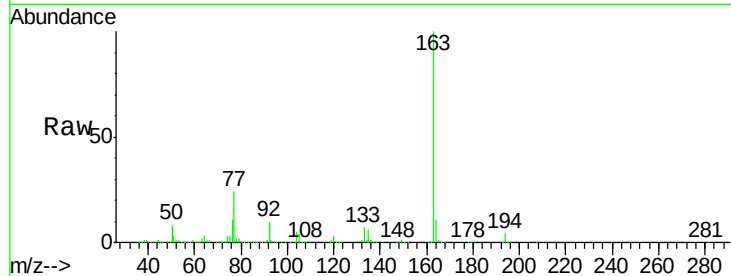
#49
Dimethylphthalate
Concen: 51.14 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

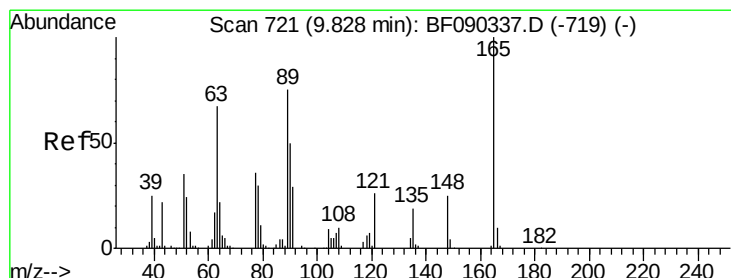
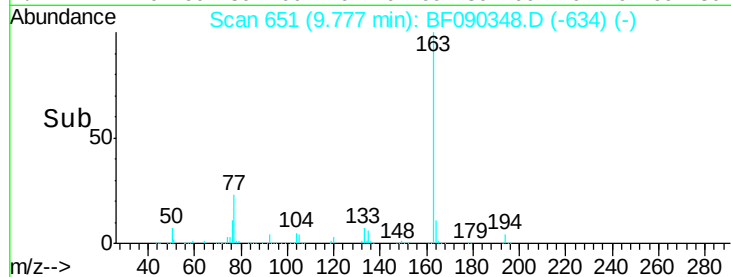
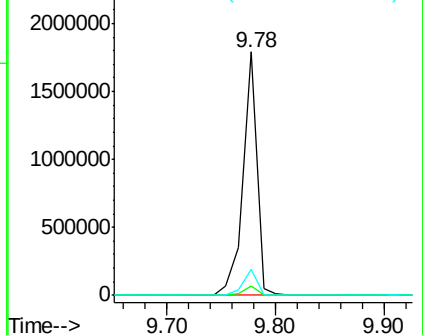
Tgt Ion:163 Resp: 1560742
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.8 9.0 13.4

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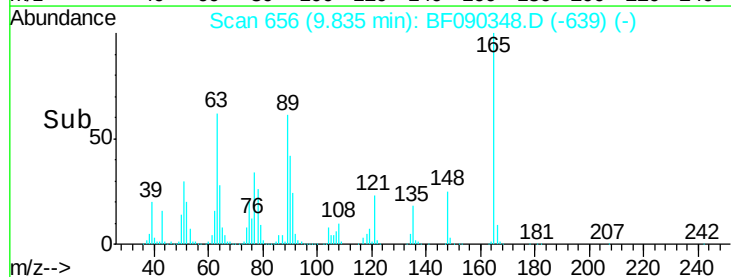
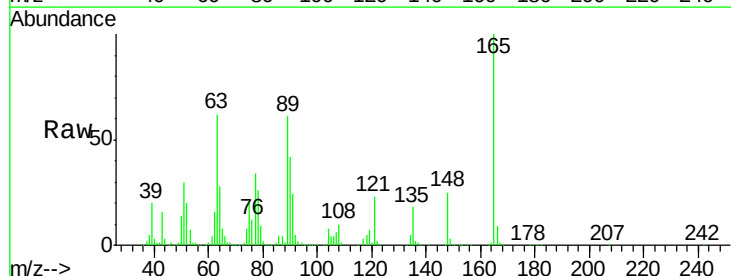
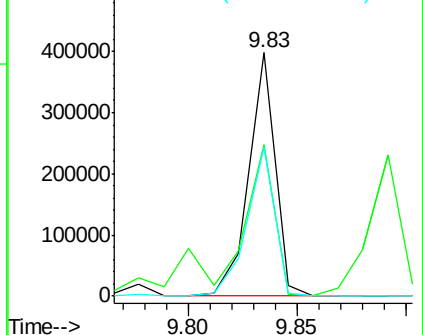
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

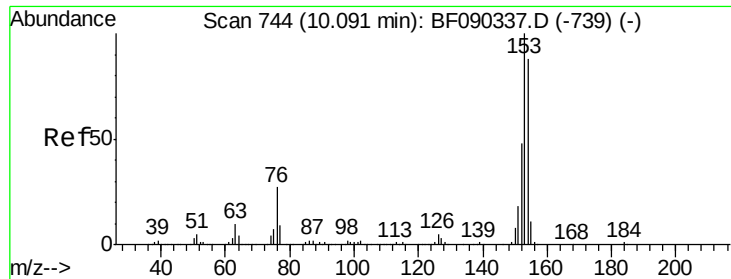


#50
2,6-Dinitrotoluene
Concen: 50.18 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion:165 Resp: 335036
Ion Ratio Lower Upper
165 100
63 62.2 58.0 87.0
89 61.4 51.2 76.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 54.60 ng

RT: 10.10 min Scan# 679

Delta R.T. 0.01 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion:154 Resp: 1505955

Ion Ratio Lower Upper

154 100

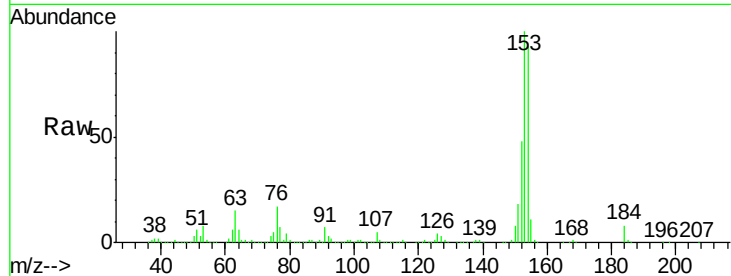
153 108.1 88.6 133.0

152 51.6 42.6 64.0

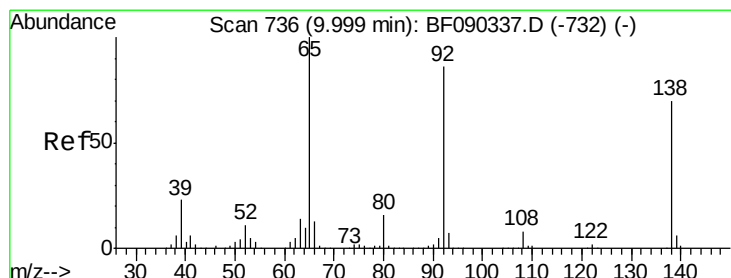
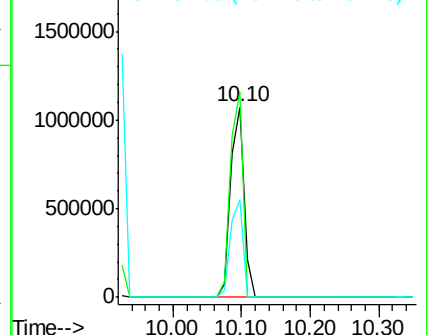
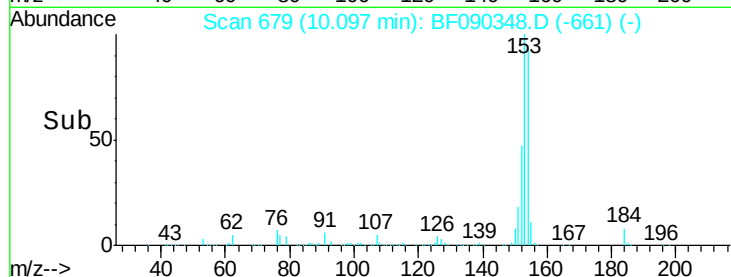
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.70 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

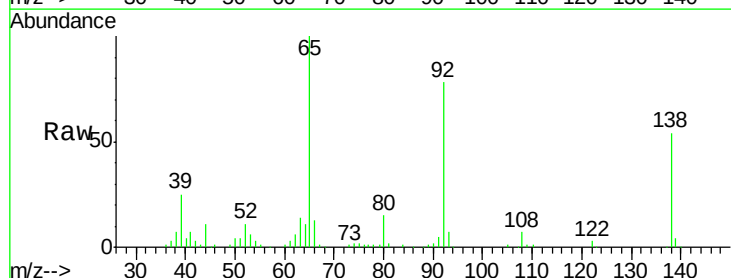
Tgt Ion:138 Resp: 58257

Ion Ratio Lower Upper

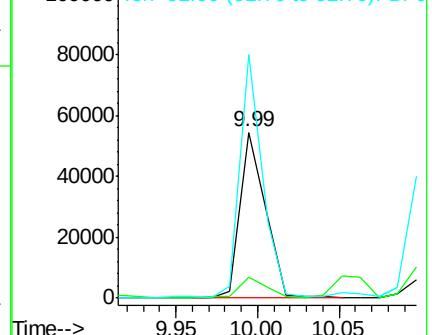
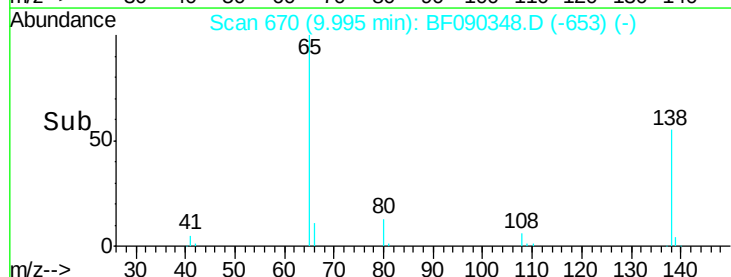
138 100

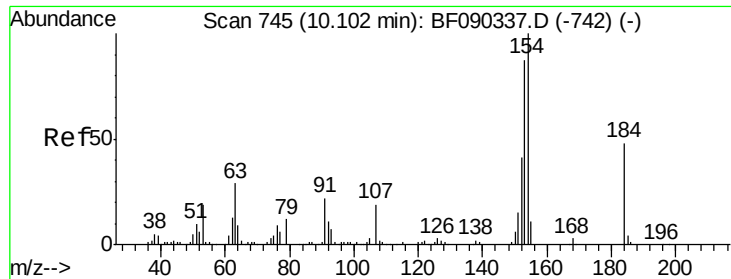
108 12.9 9.7 14.5

92 146.6 97.1 145.7#



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





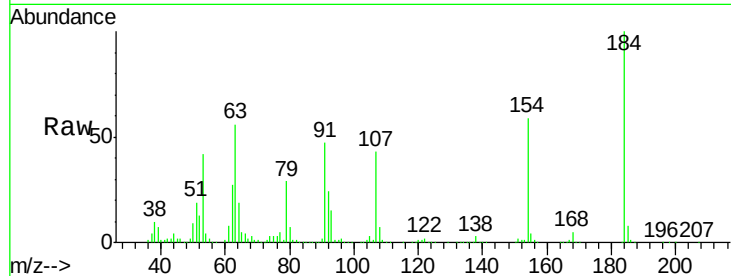
#53
2,4-Dinitrophenol
Concen: 126.46 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

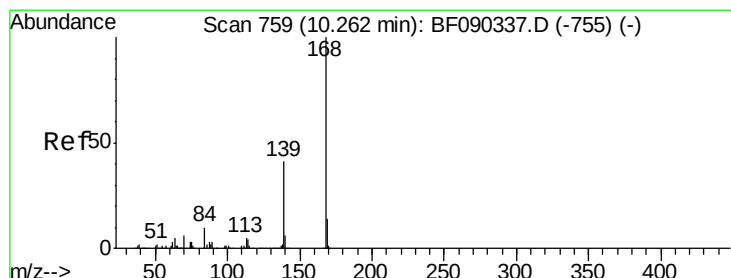
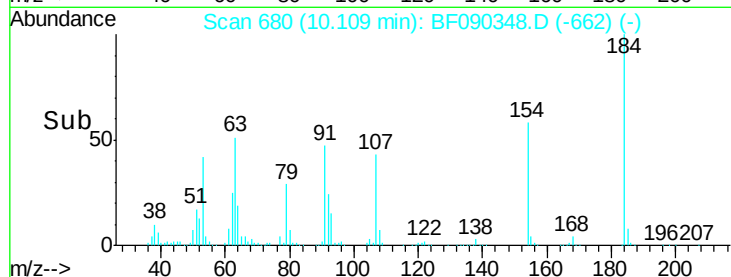
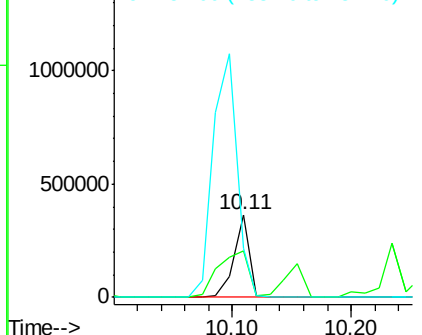
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	327672		
63	56.5	41.9	62.9	
154	58.5	48.9	73.3	

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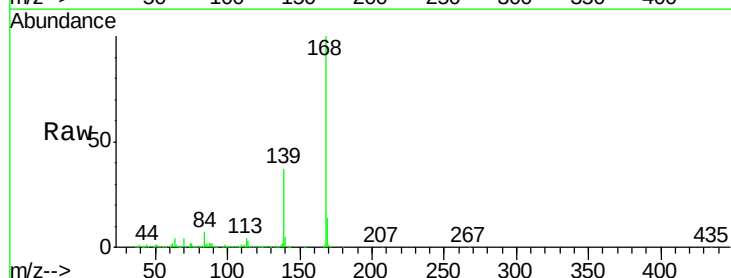


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

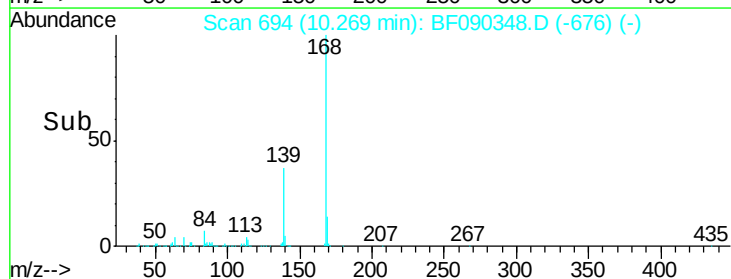
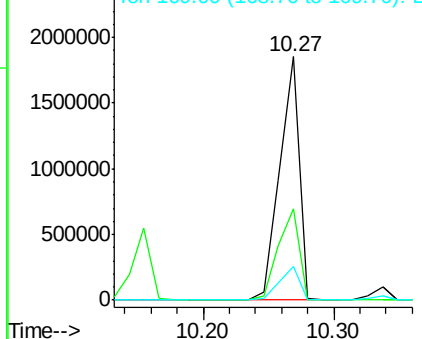


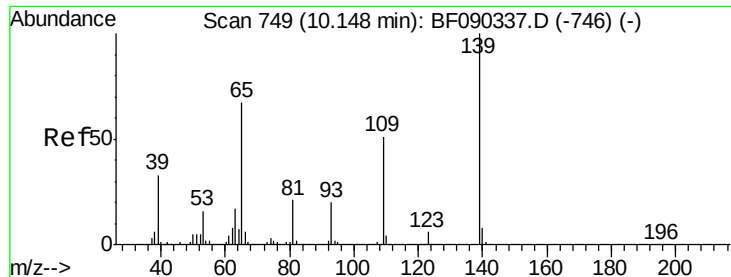
#54
Dibenzofuran
Concen: 53.42 ng
RT: 10.27 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1948306		
139	37.3	29.6	44.4	
169	13.8	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 89.20 ng

RT: 10.15 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion:139 Resp: 537128
Ion Ratio Lower Upper

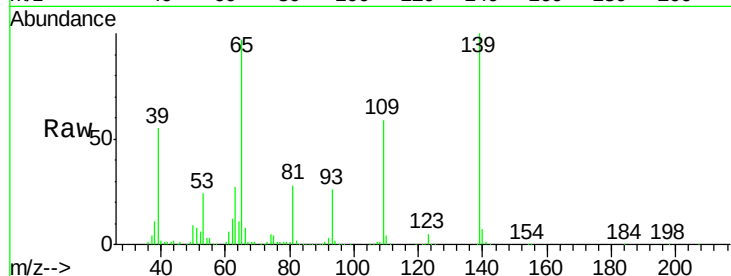
139 100

109 58.7 43.6 83.6

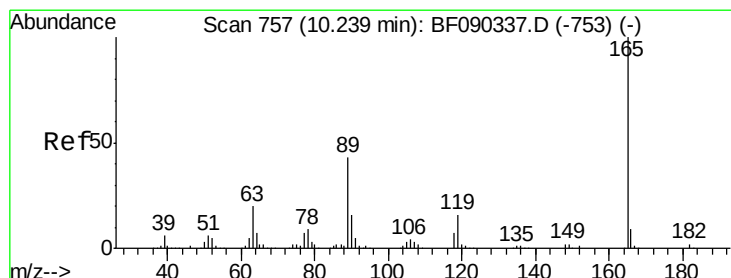
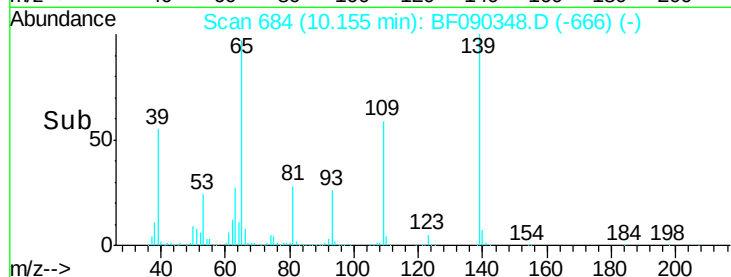
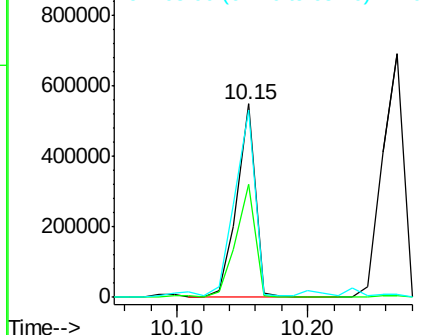
65 97.2 87.5 127.5

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



#56

2,4-Dinitrotoluene

Concen: 47.69 ng

RT: 10.23 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Tgt Ion:165 Resp: 383250
Ion Ratio Lower Upper

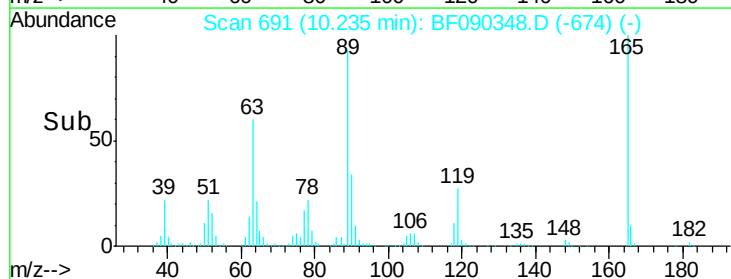
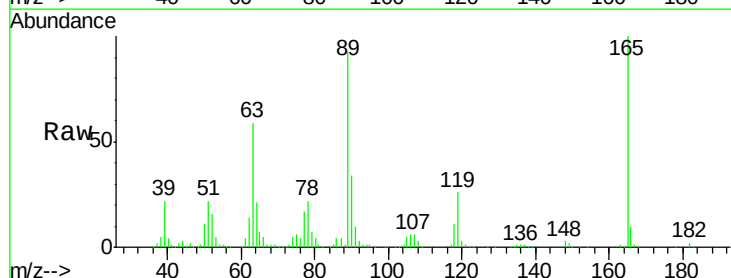
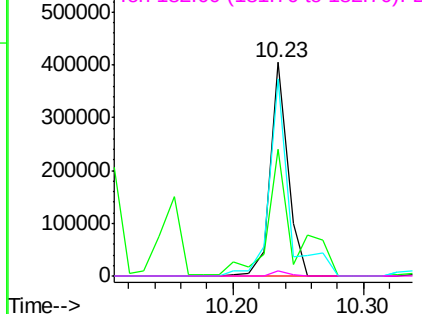
165 100

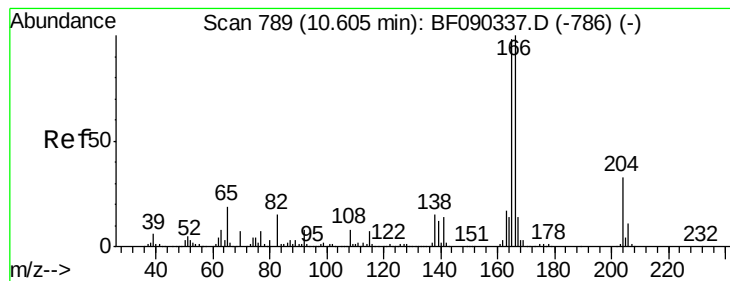
63 59.4 17.8 26.6#

89 92.6 33.2 49.8#

182 2.2 2.1 3.1

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 52.36 ng

RT: 10.61 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion:166 Resp: 1597246

Ion Ratio Lower Upper

166 100

165 99.1 79.2 118.8

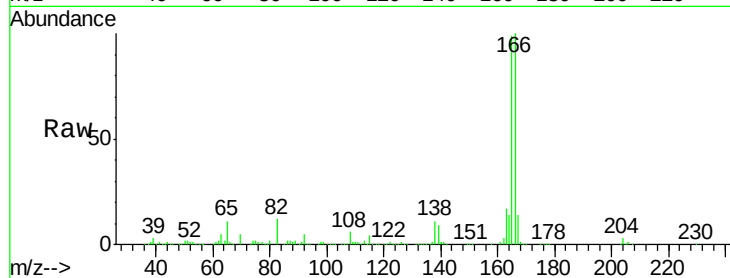
167 13.7 11.1 16.7

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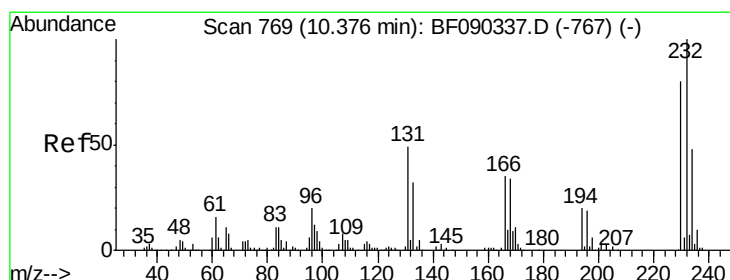
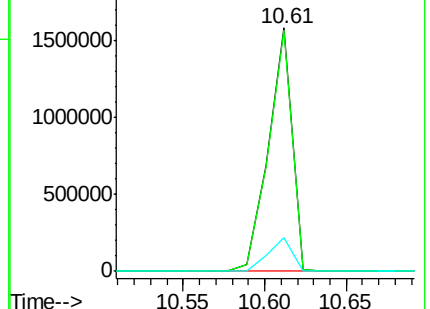
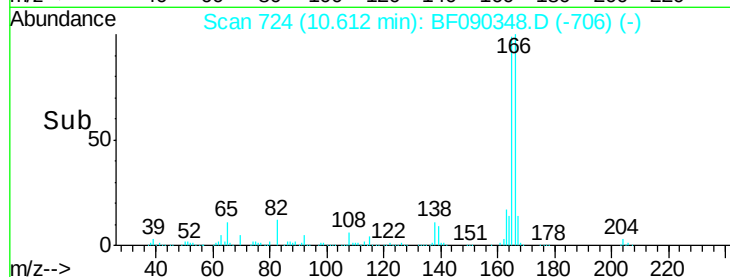
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.87 ng

RT: 10.38 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Tgt Ion:232 Resp: 330443

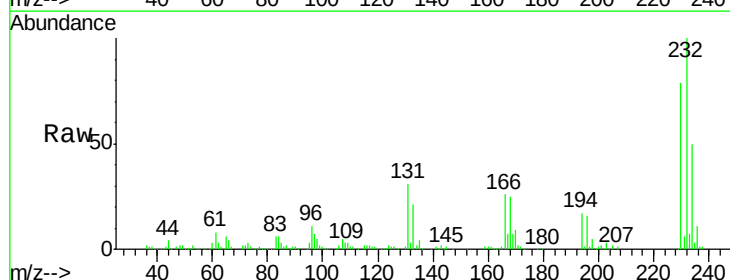
Ion Ratio Lower Upper

232 100

131 51.0 34.5 51.7

130 2.3 1.6 2.4

166 33.8 23.8 35.8

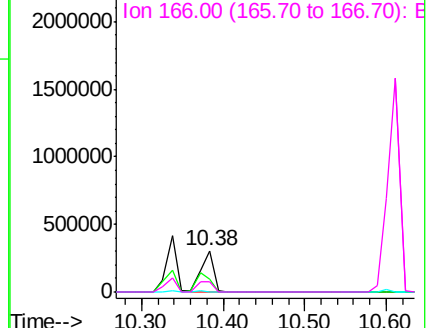
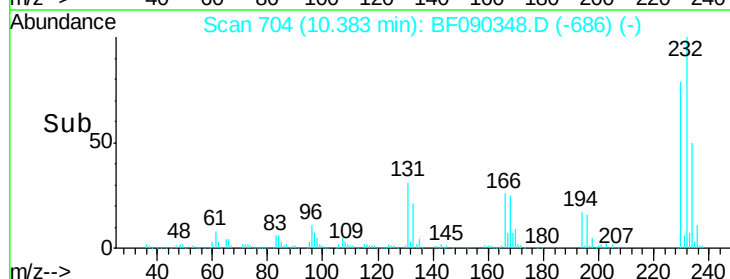


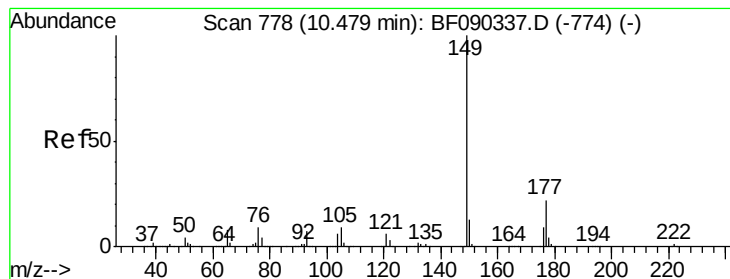
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.28 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion:149 Resp: 1412584

Ion Ratio Lower Upper

149 100

177 19.8 21.1 31.7#

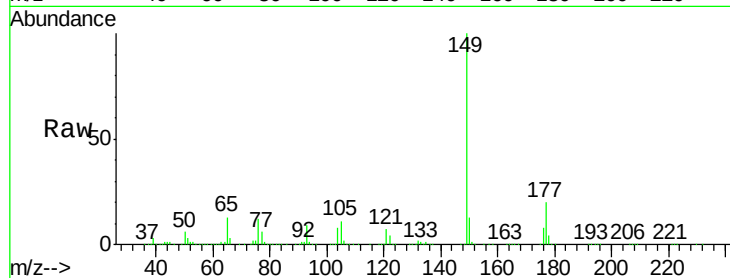
150 13.2 10.2 15.2

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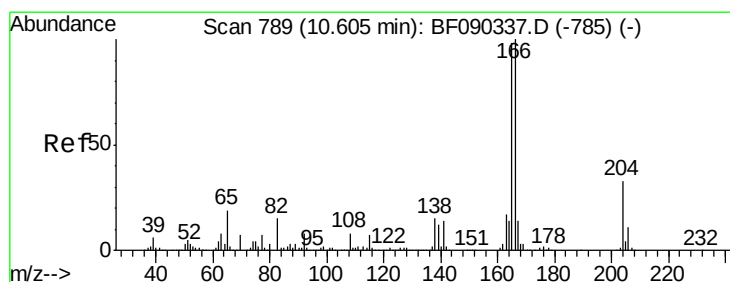
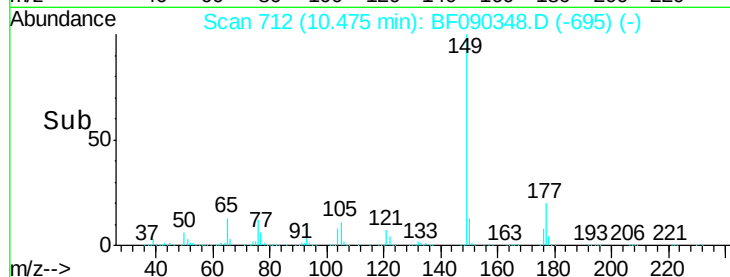
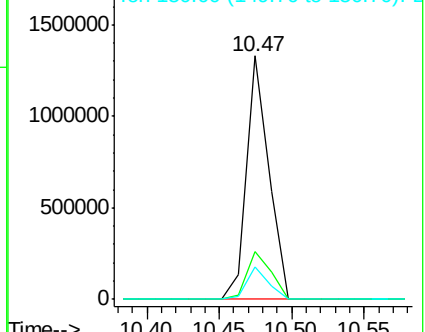
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.17 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

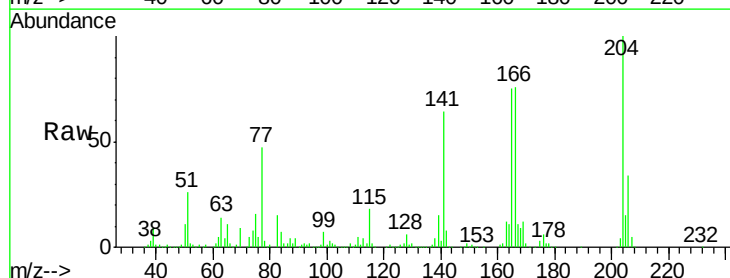
Tgt Ion:204 Resp: 725804

Ion Ratio Lower Upper

204 100

206 33.8 26.7 40.1

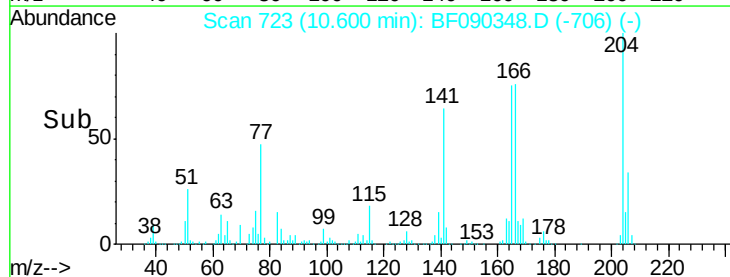
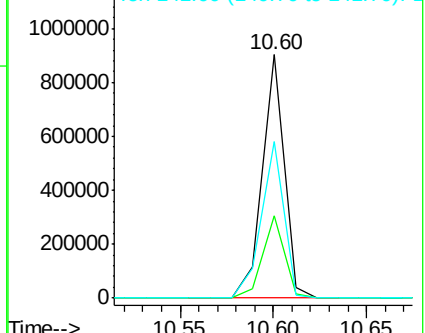
141 64.1 51.7 77.5

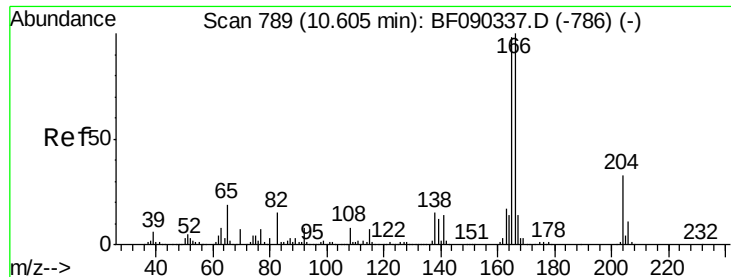


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 22.12 ng

RT: 10.61 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

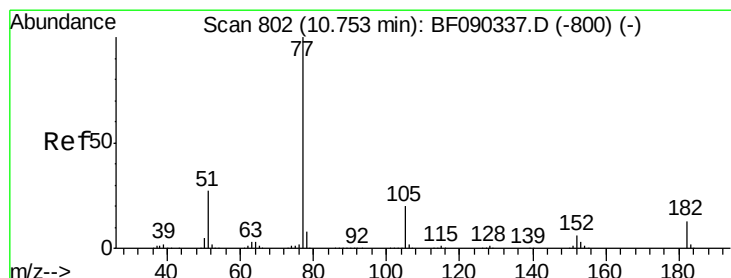
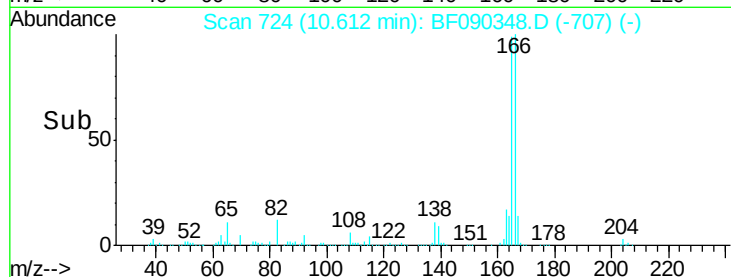
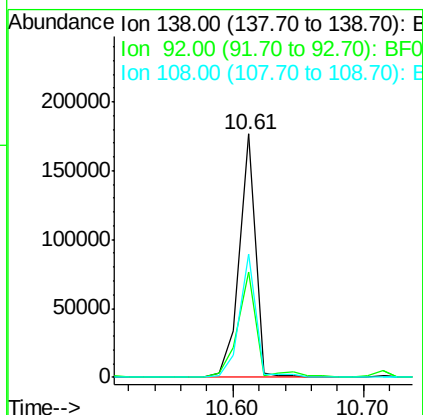
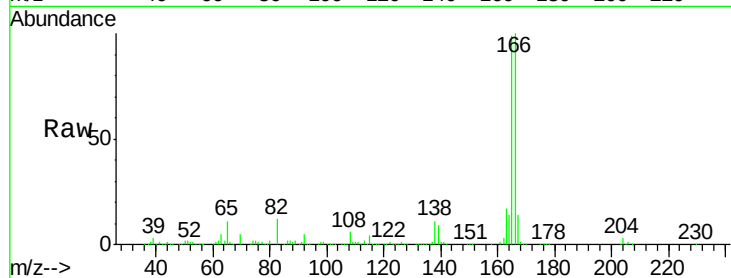
ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion:	138	Resp:	150441
Ion Ratio	Lower	Upper	
138	100		
92	43.4	33.2	73.2
108	50.5	48.5	88.5

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#62

Azobenzene

Concen: 56.54 ng

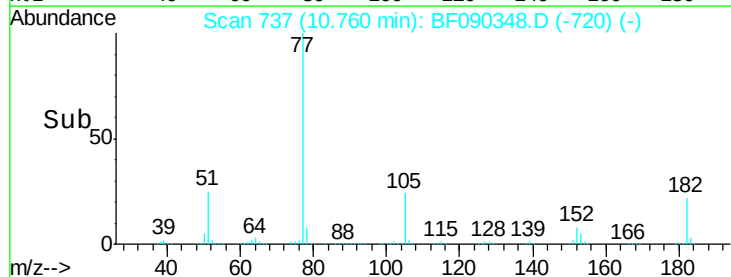
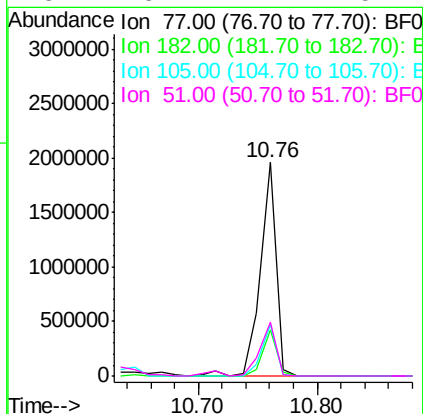
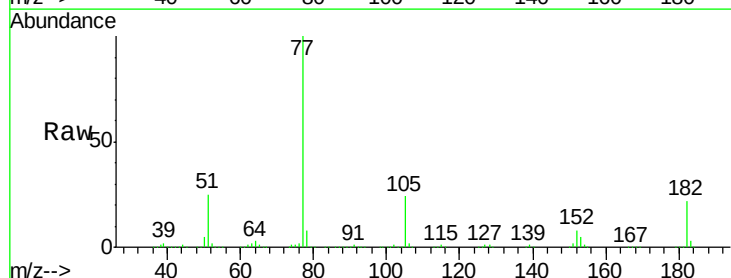
RT: 10.76 min Scan# 737

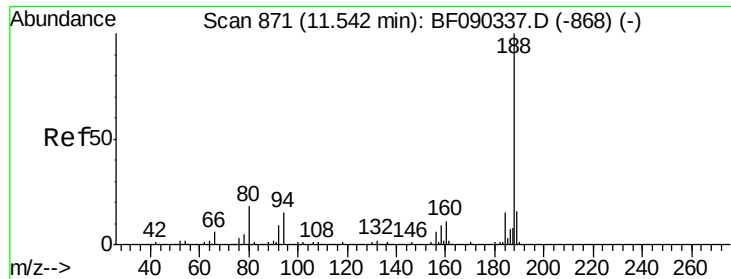
Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Tgt Ion:	77	Resp:	1838121
Ion Ratio	Lower	Upper	
77	100		
182	21.7	3.2	43.2
105	24.2	2.9	42.9
51	25.2	14.2	54.2





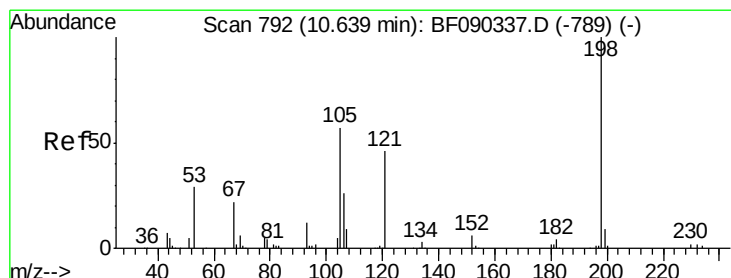
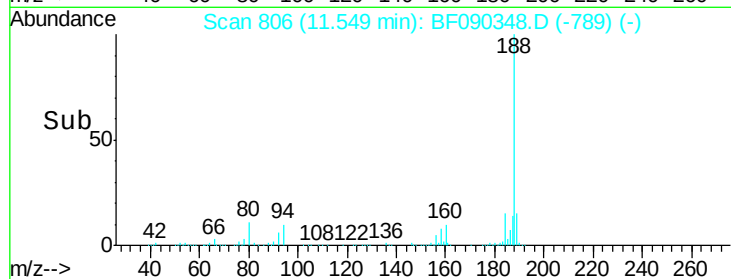
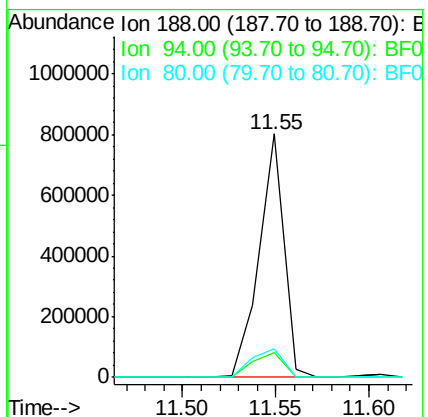
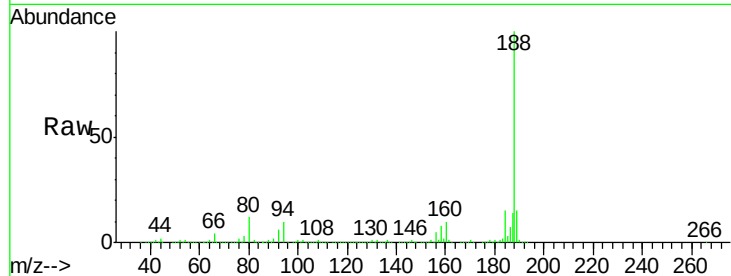
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.4	8.2	12.2
80	11.6	8.8	13.2

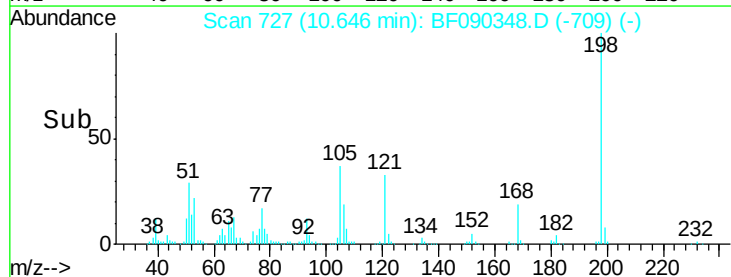
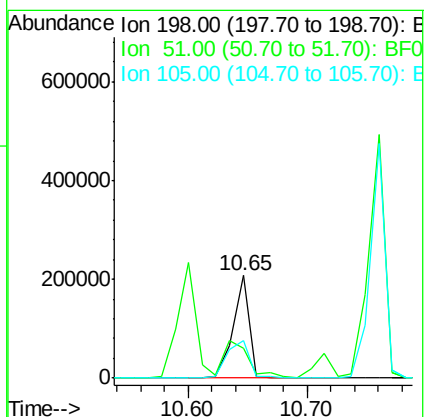
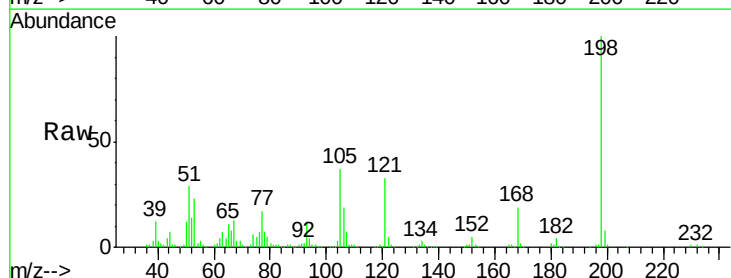
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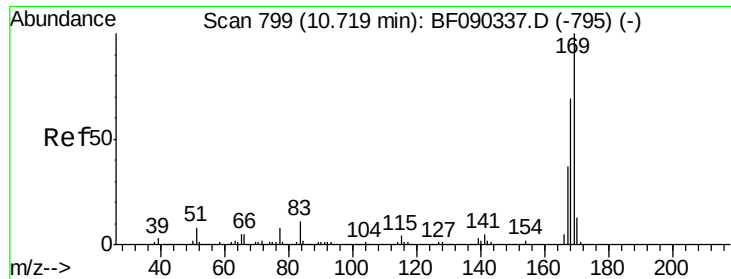
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#64
4,6-Dinitro-2-methylphenol
Concen: 55.25 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	29.0	67.3	107.3#
105	37.1	42.6	82.6#





#65

n-Nitrosodiphenylamine

Concen: 12.68 ng

RT: 10.71 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

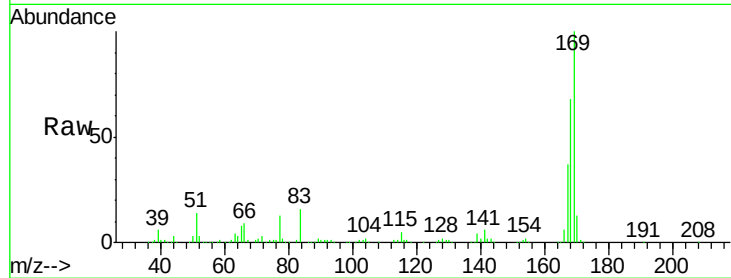
ClientSampleId :

SUP-B044-3-6MSD

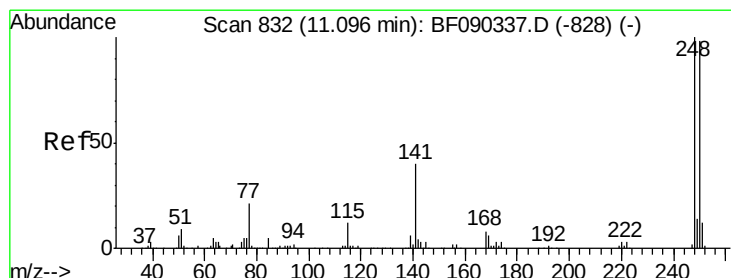
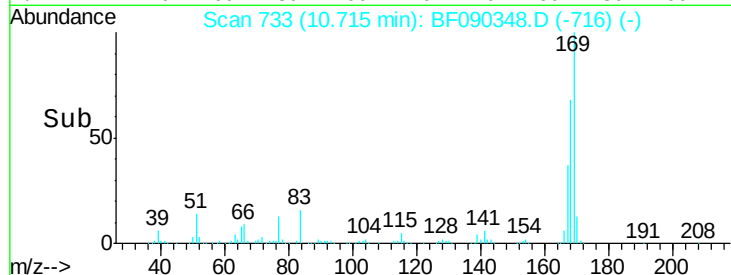
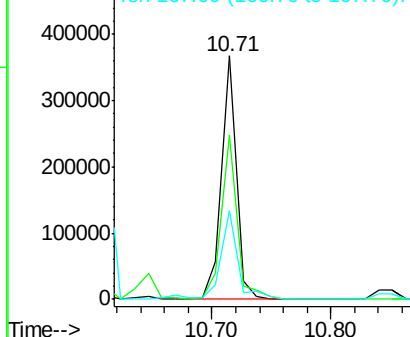
Tgt Ion:	169	Resp:	318004
Ion Ratio	Lower	Upper	
169	100		
168	67.7	53.8	80.6
167	36.6	29.8	44.8

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.76 ng

RT: 11.09 min Scan# 766

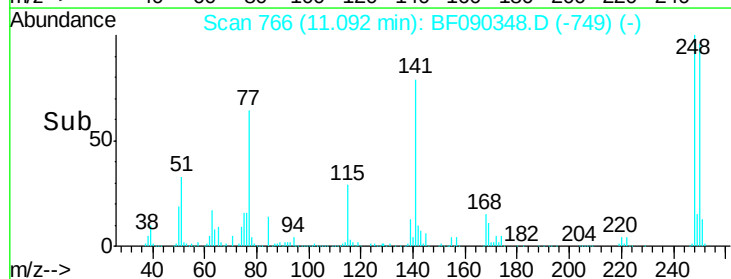
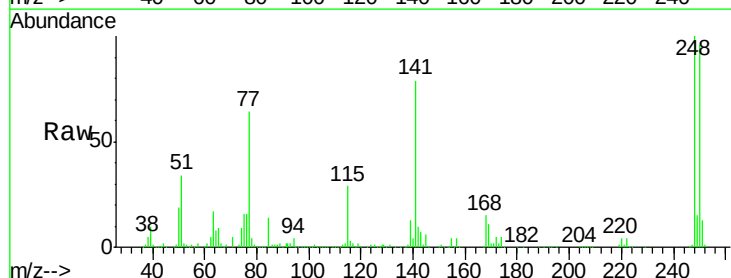
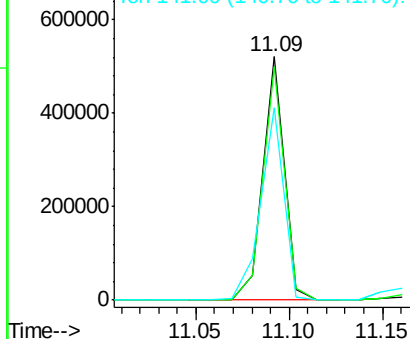
Delta R.T. -0.00 min

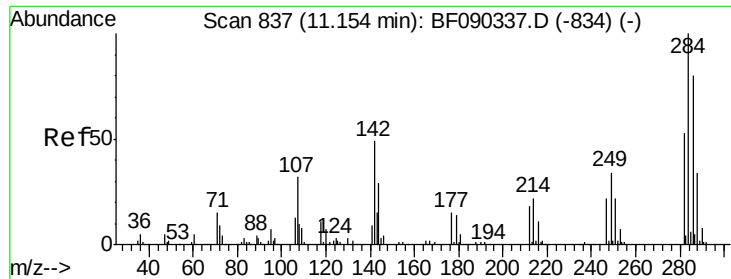
Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Tgt Ion:	248	Resp:	411534
Ion Ratio	Lower	Upper	
248	100		
250	96.0	76.5	114.7
141	78.9	59.8	89.6

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





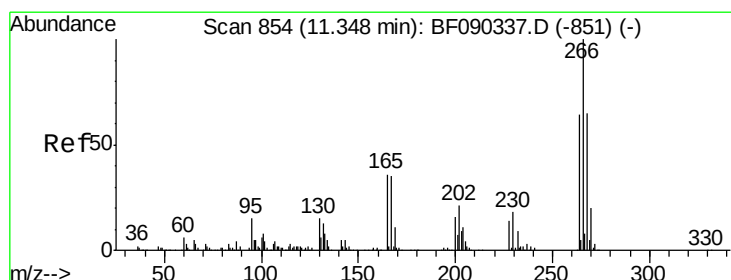
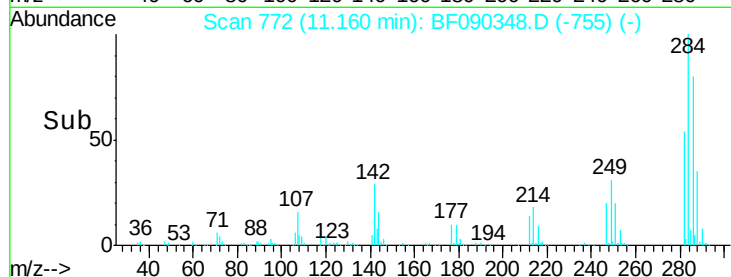
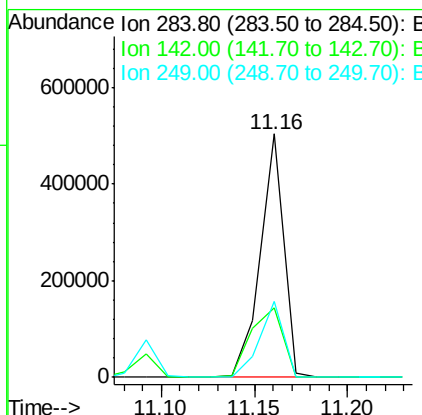
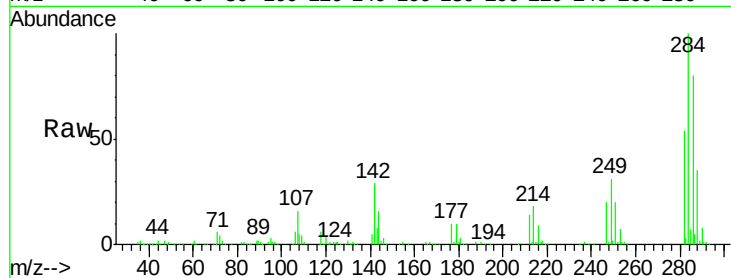
#67
Hexachlorobenzene
Concen: 46.49 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	28.8	23.1	34.7
249	31.3	26.3	39.5

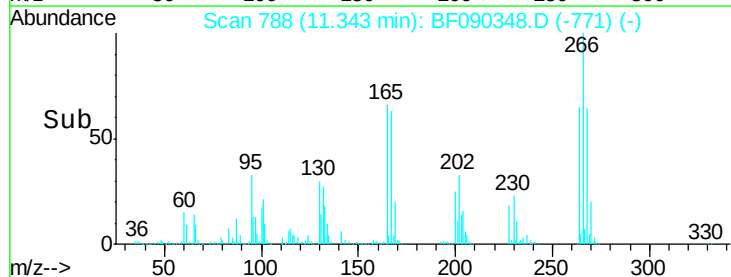
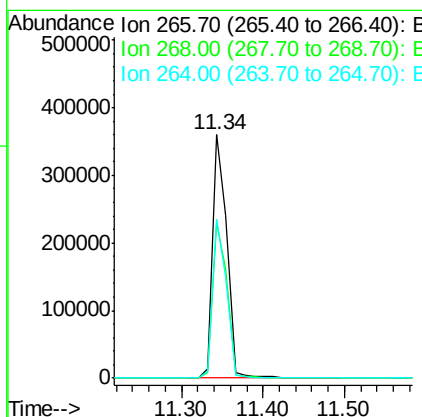
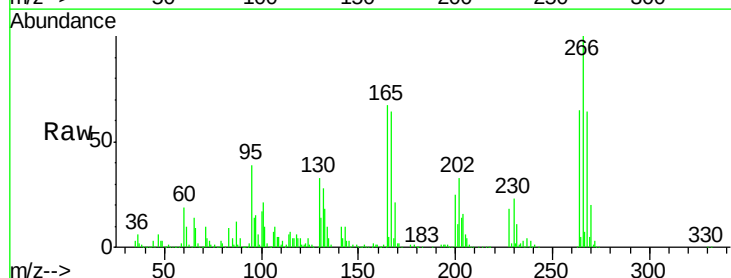
Manual Integrations
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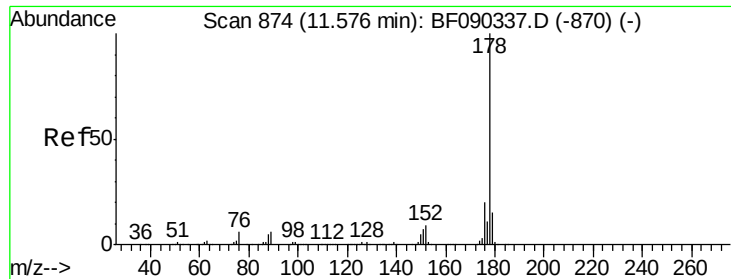
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#69
Pentachlorophenol
Concen: 83.62 ng
RT: 11.34 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	50.9	76.3
264	65.3	51.5	77.3





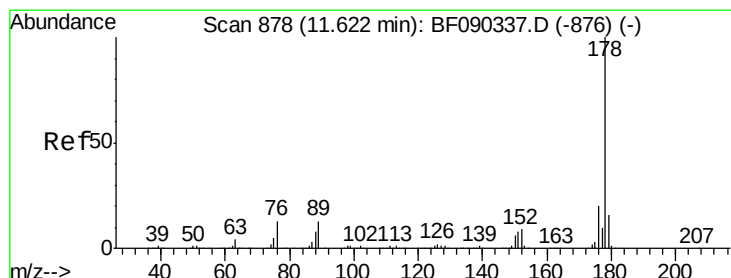
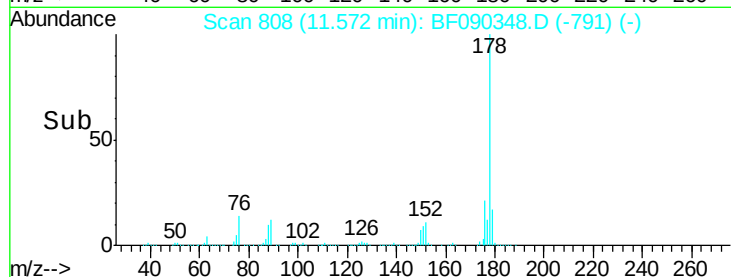
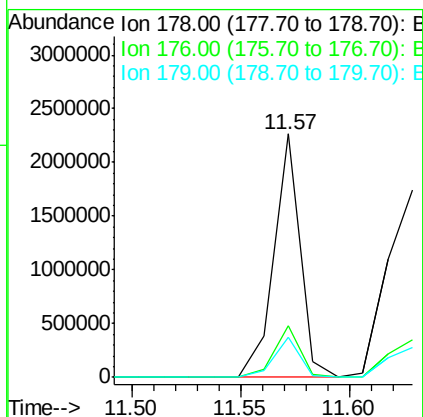
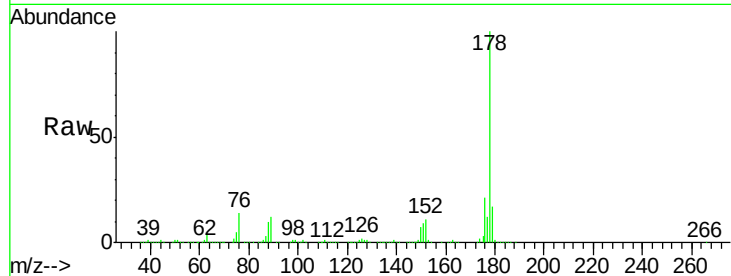
#70
Phenanthrene
Concen: 48.79 ng
RT: 11.57 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

Tgt Ion:178 Resp: 1925766
Ion Ratio Lower Upper
178 100
176 21.3 17.3 25.9
179 16.7 13.8 20.6

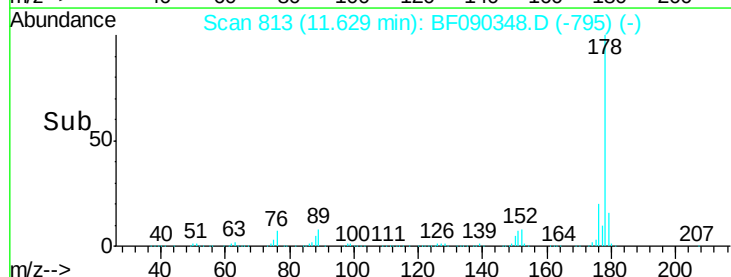
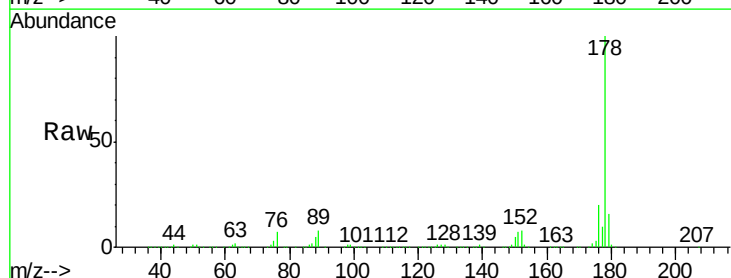
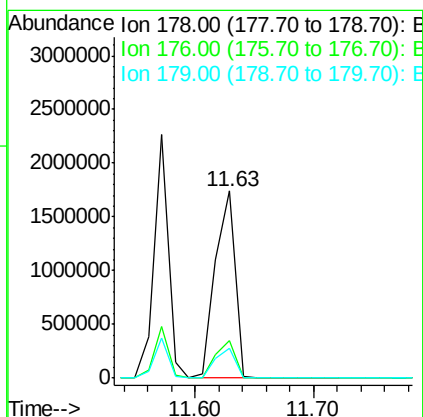
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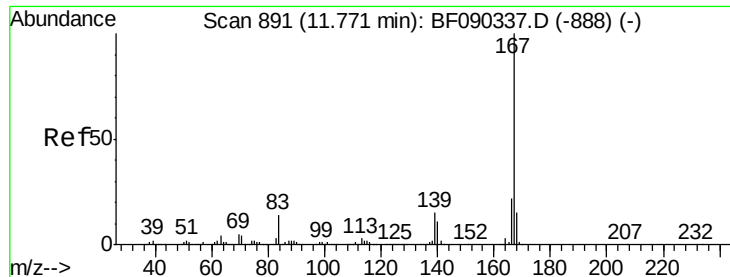
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#71
Anthracene
Concen: 50.49 ng
RT: 11.63 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion:178 Resp: 1989587
Ion Ratio Lower Upper
178 100
176 19.8 16.8 25.2
179 16.1 13.4 20.2





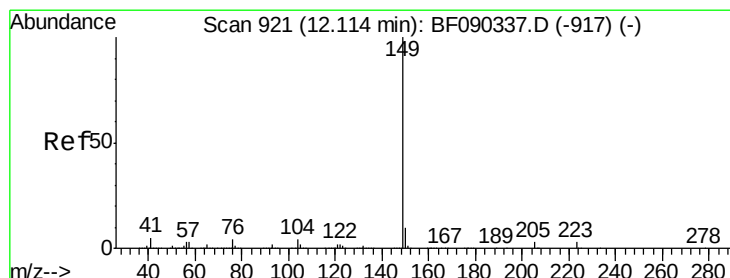
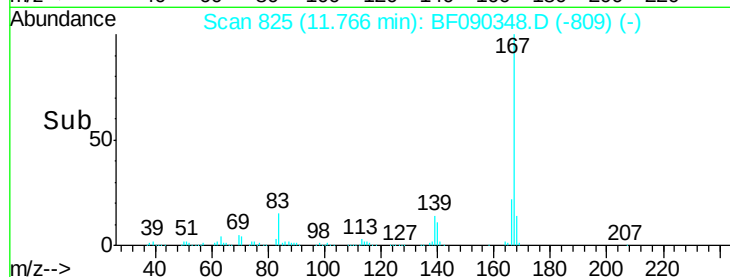
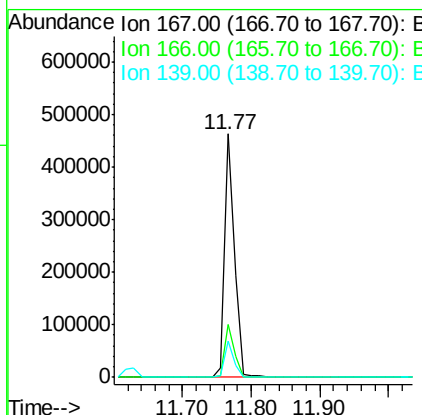
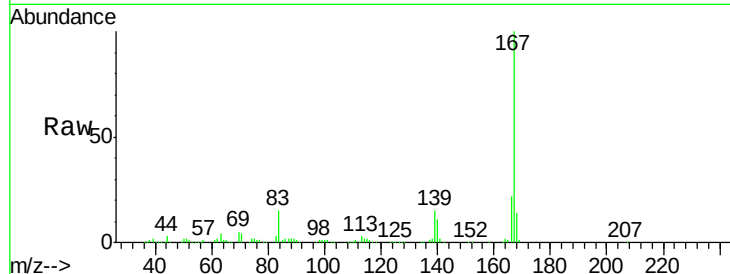
#72
 Carbazole
 Concen: 13.20 ng
 RT: 11.77 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-3-6MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	19.1	28.7
139	14.7	12.1	18.1

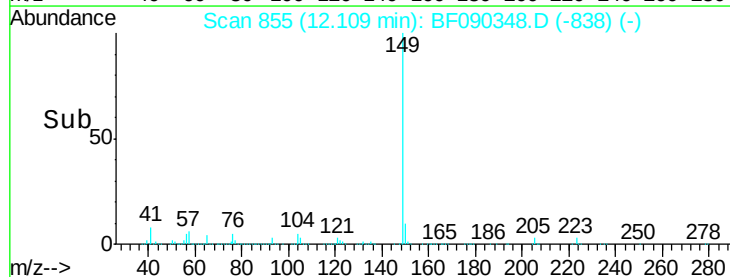
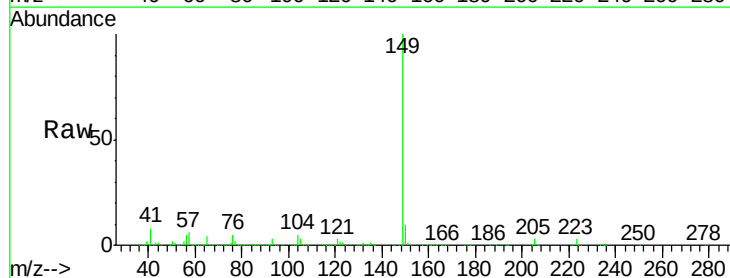
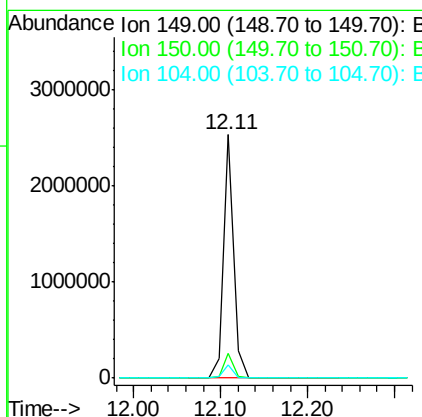
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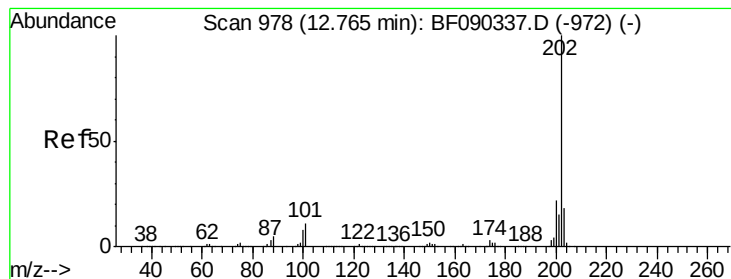
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#73
 Di-n-butylphthalate
 Concen: 47.73 ng
 RT: 12.11 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.6	12.8
104	5.4	4.7	7.1





#74

Fluoranthene

Concen: 43.99 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

ClientSampleId :

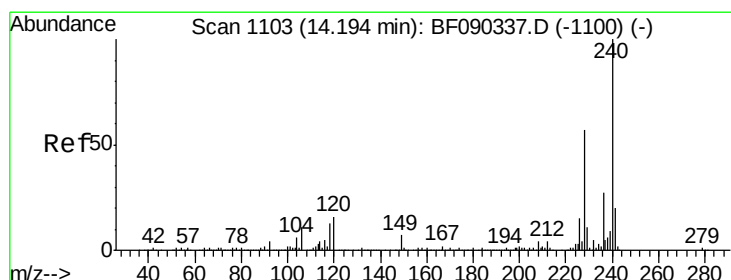
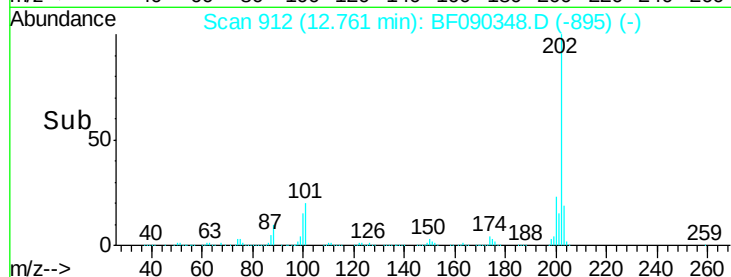
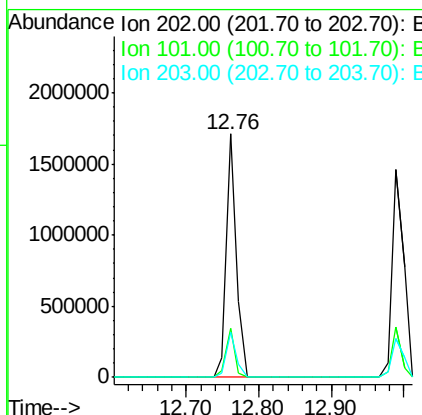
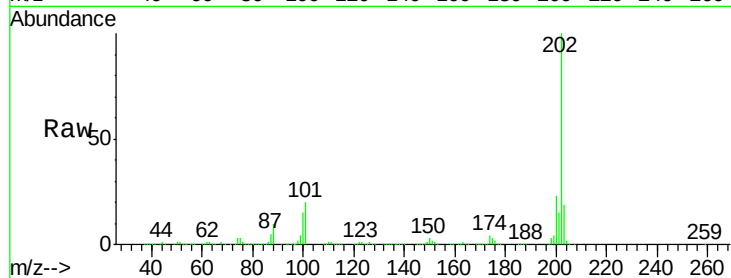
SUP-B044-3-6MSD

Tgt Ion:202 Resp: 1646849

Ion	Ratio	Lower	Upper
202	100		
101	19.9	0.0	37.2
203	18.8	0.0	39.3

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#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

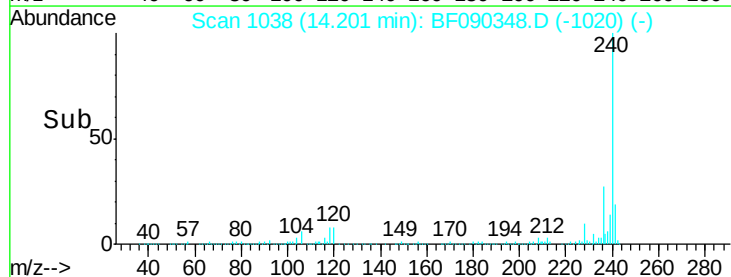
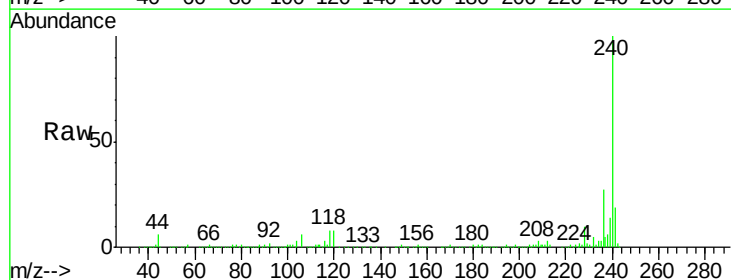
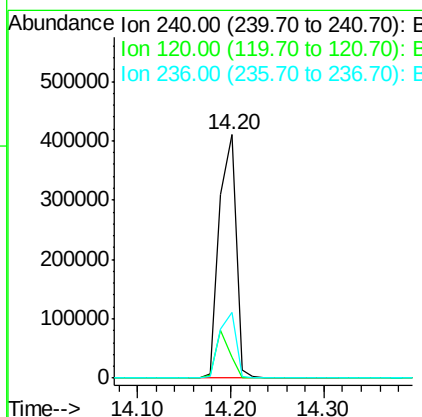
Delta R.T. 0.01 min

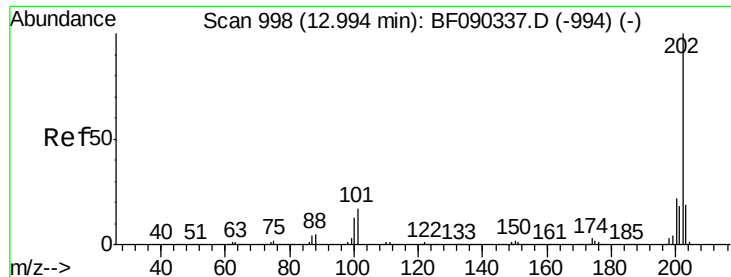
Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Tgt Ion:240 Resp: 512052

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.6	13.0#
236	27.0	21.6	32.4





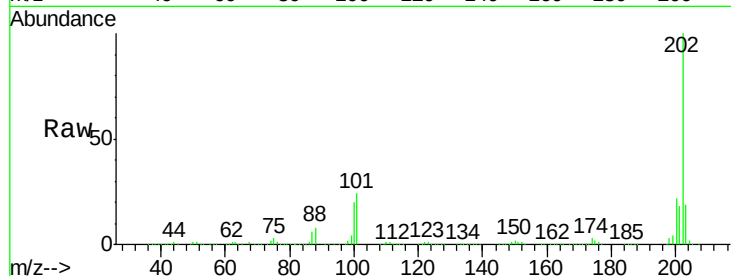
#77
 Pyrene
 Concen: 49.25 ng
 RT: 12.99 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-3-6MSD

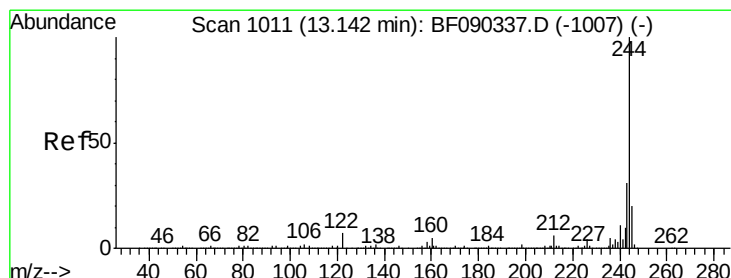
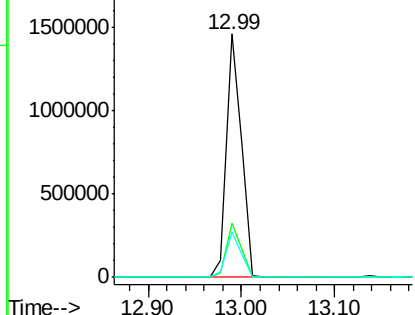
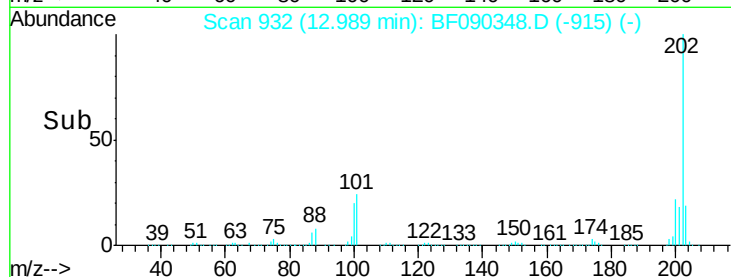
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.5	27.7
203	18.8	15.0	22.6

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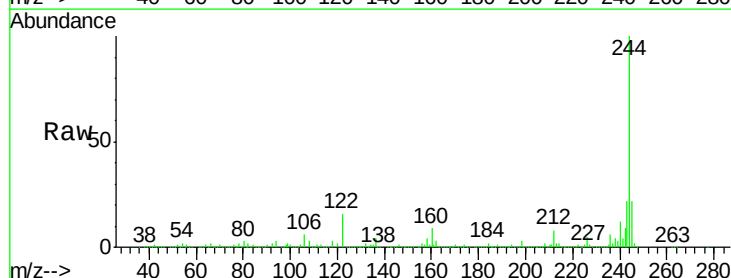


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

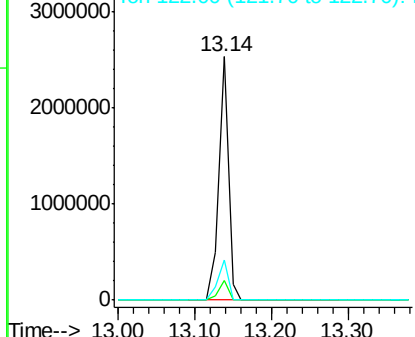
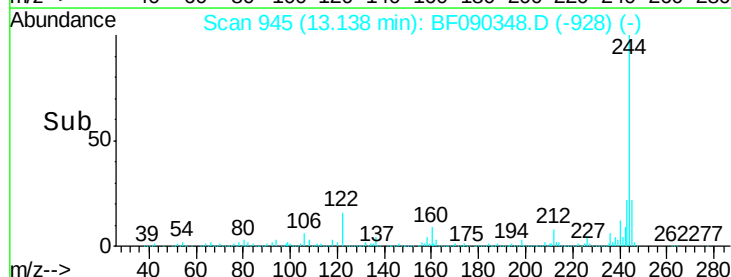


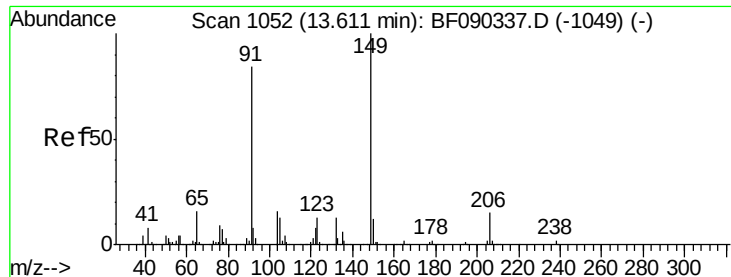
#78
 Terphenyl-d14
 Concen: 100.19 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090348.D
 Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.8	10.2
122	16.2	13.3	19.9



Abundance Ion 244.00 (243.70 to 244.70): E
 3000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





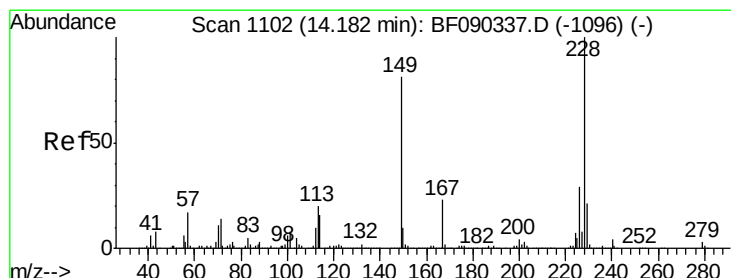
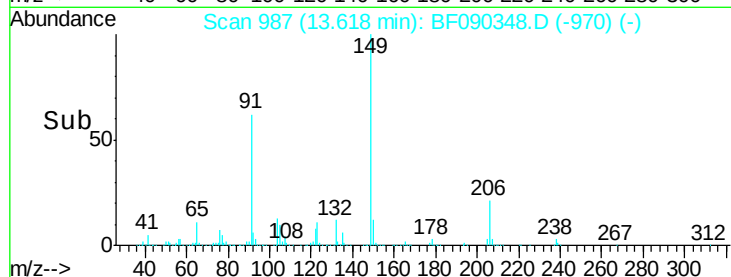
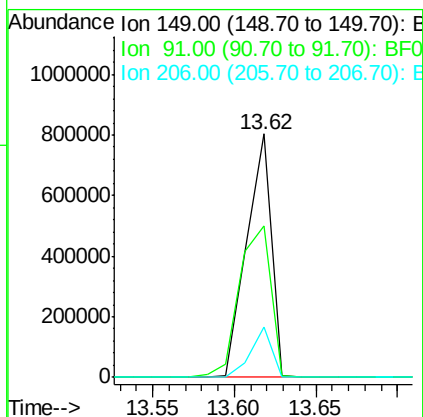
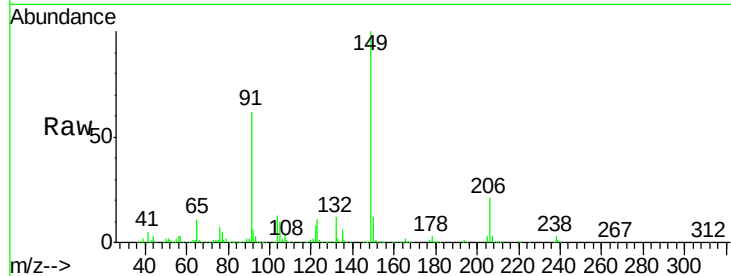
#79
Butylbenzylphthalate
Concen: 65.21 ng
RT: 13.62 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	842596		
91	62.1	51.8	77.8	
206	20.6	18.0	27.0	

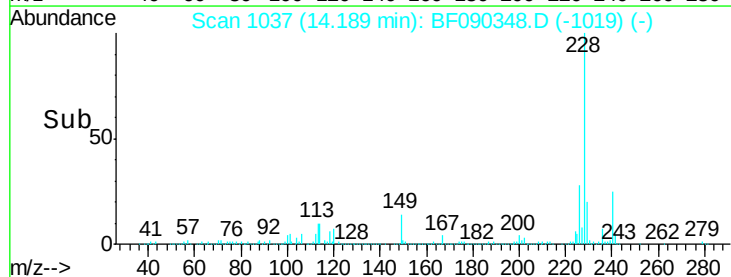
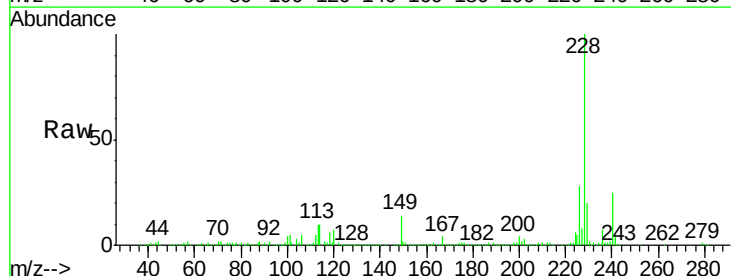
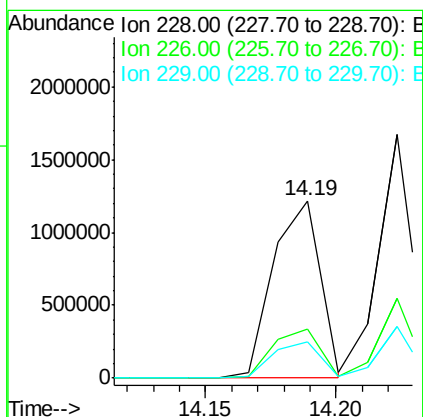
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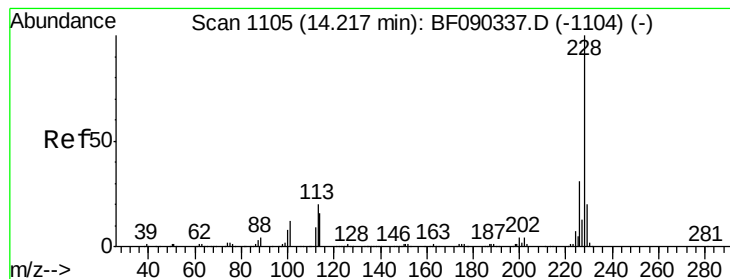
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#80
Benzo(a)anthracene
Concen: 53.31 ng
RT: 14.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1530739		
226	28.0	23.6	35.4	
229	20.4	16.6	25.0	





#82

Chrysene

Concen: 54.59 ng

RT: 14.22 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MSD

Tgt Ion:228 Resp: 1468723

Ion Ratio Lower Upper

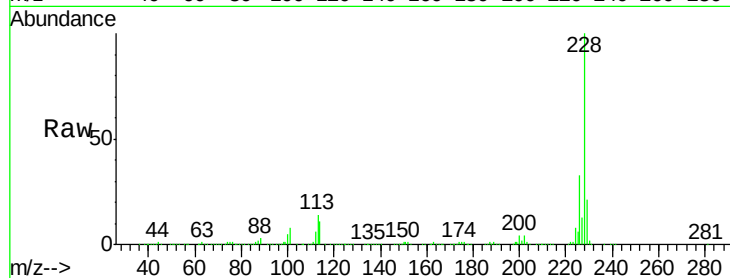
228 100

226 32.8 25.8 38.6

229 21.1 16.9 25.3

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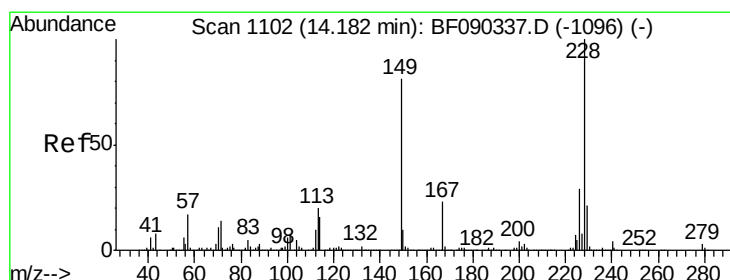
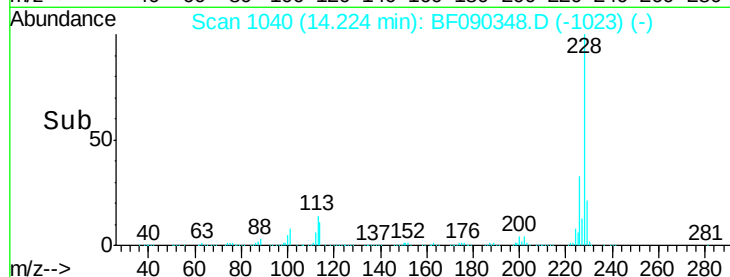
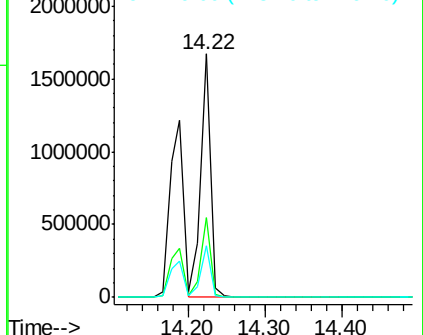
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 59.22 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090348.D

Acq: 4 Oct 2016 18:12

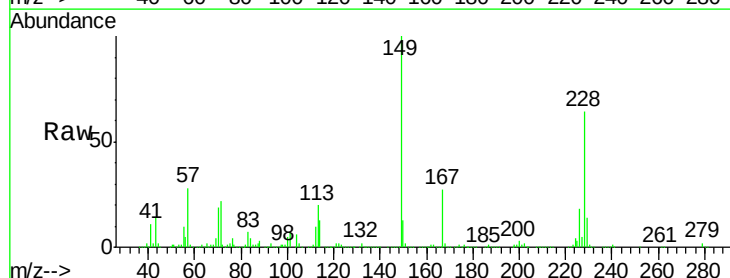
Tgt Ion:149 Resp: 1224141

Ion Ratio Lower Upper

149 100

167 26.6 21.5 32.3

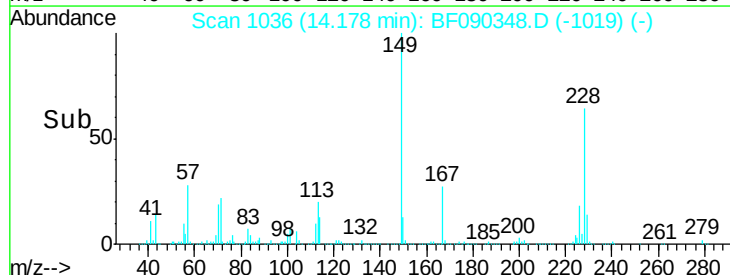
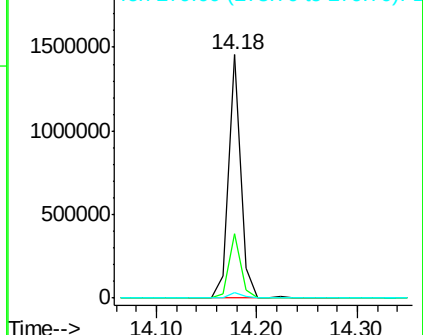
279 2.4 2.6 3.8#

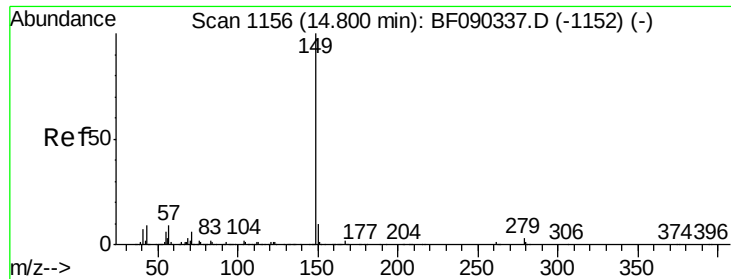


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





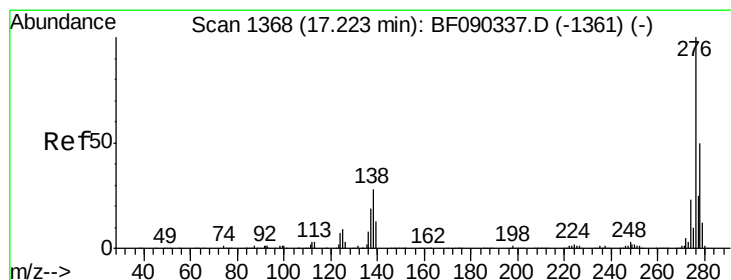
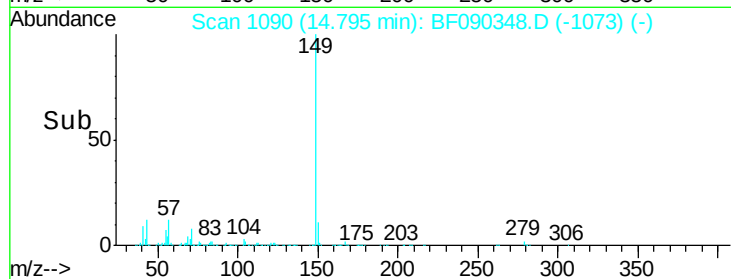
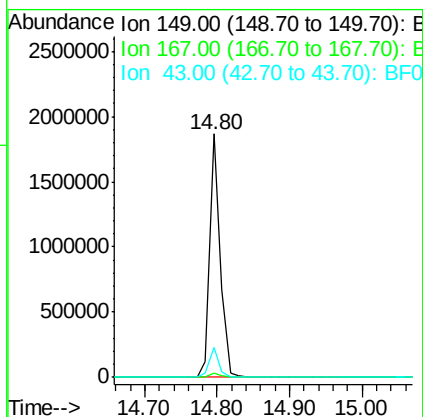
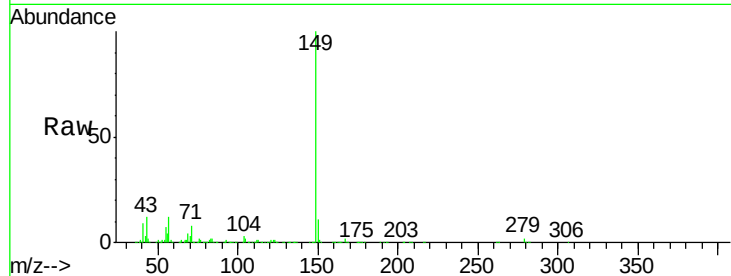
#84
Di-n-octyl phthalate
Concen: 62.20 ng
RT: 14.80 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

Tgt Ion:149 Resp: 1868147
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 11.8 17.8#

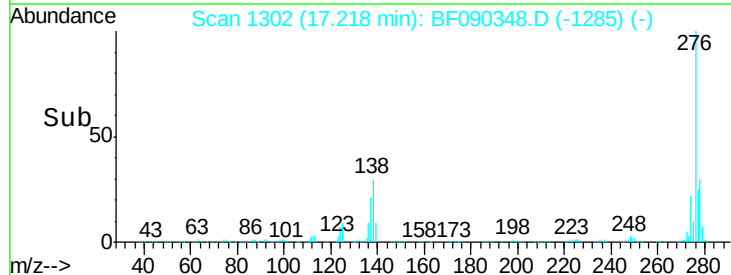
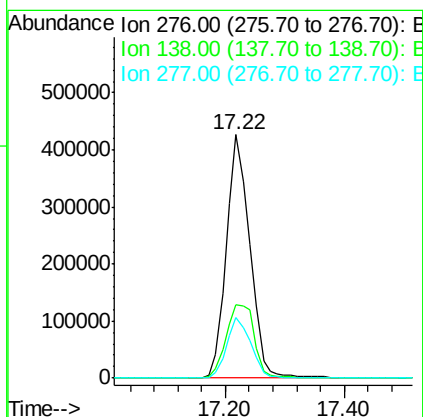
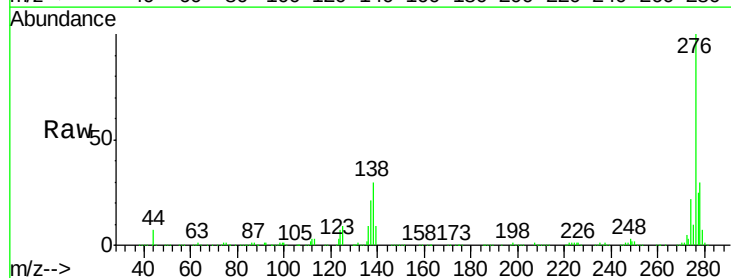
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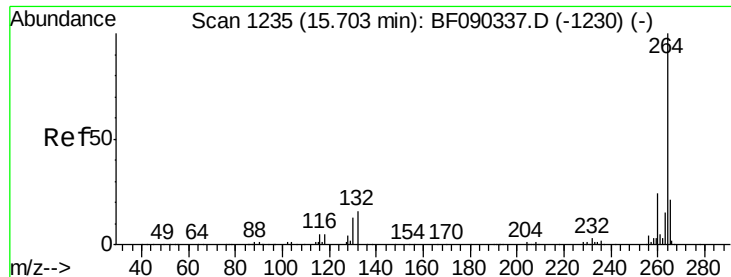
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#85
Indeno(1,2,3-cd)pyrene
Concen: 40.54 ng
RT: 17.22 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion:276 Resp: 1172238
Ion Ratio Lower Upper
276 100
138 36.5 23.8 35.8#
277 25.6 20.4 30.6





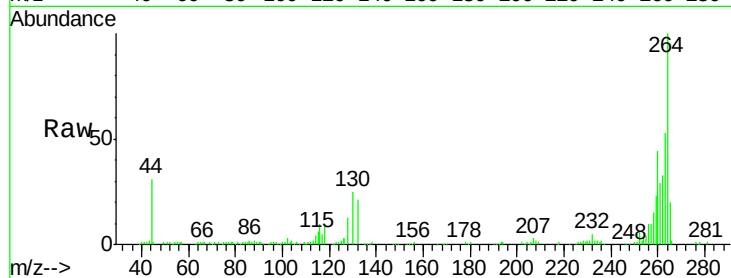
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

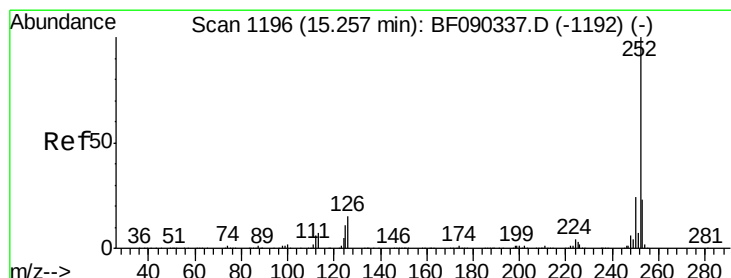
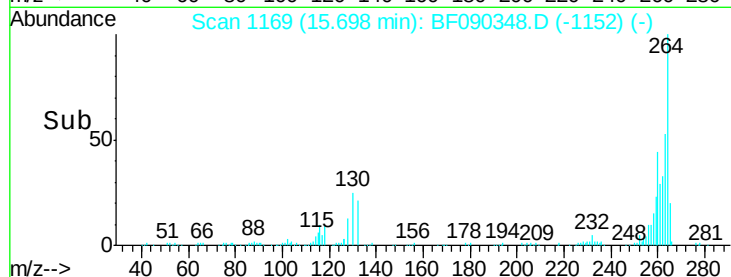
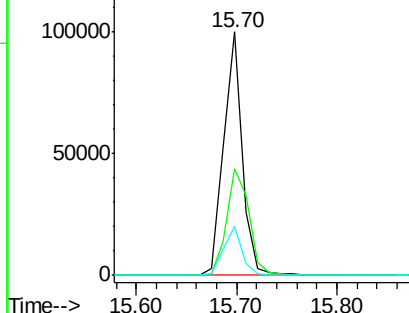
Tgt Ion	Ratio	Lower	Upper
264	100		
260	43.6	19.3	28.9#
265	20.0	17.4	26.0

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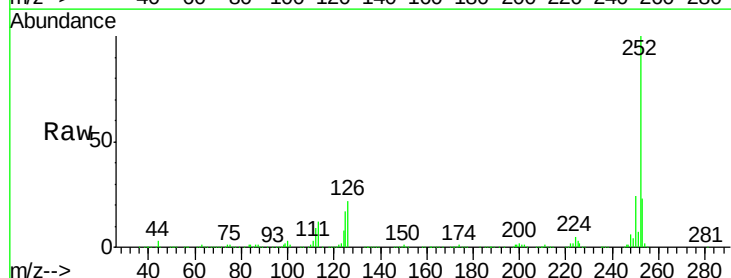


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

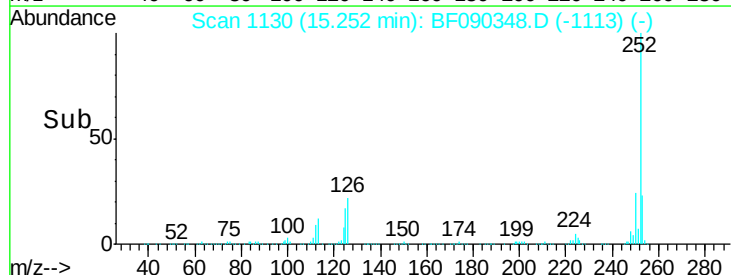
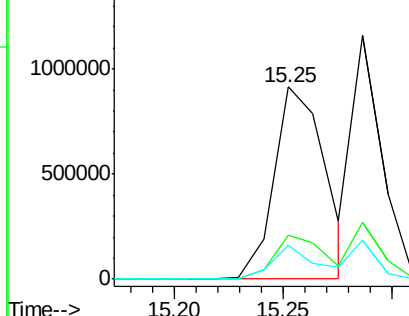


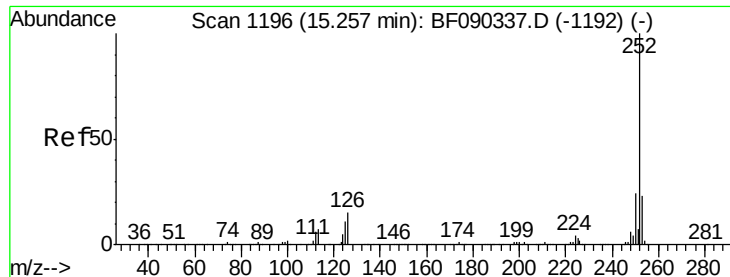
#87
Benzo(b)fluoranthene
Concen: 203.00 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	17.3	7.0	10.4#



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





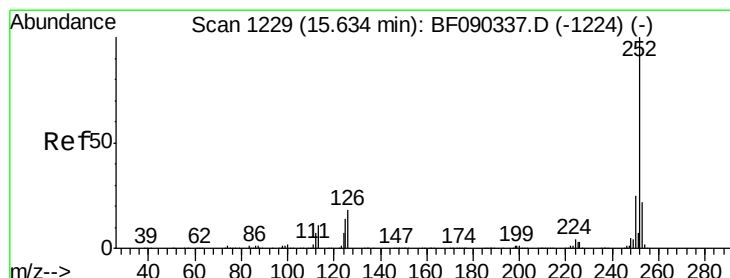
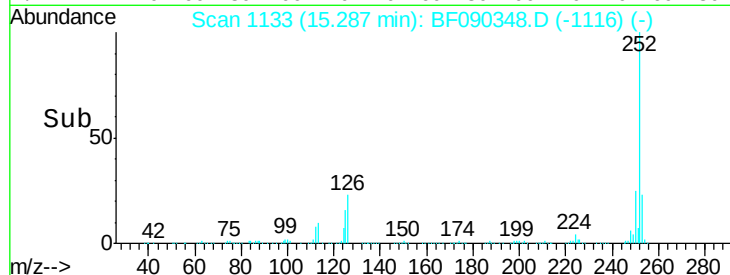
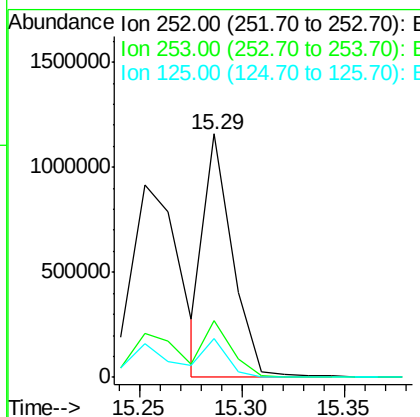
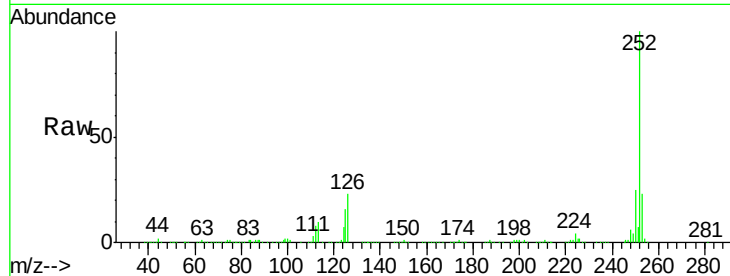
#88
Benzo(k)fluoranthene
Concen: 157.61 ng m
RT: 15.29 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

Tgt Ion: 252 Resp: 1107910
Ion Ratio Lower Upper
252 100
253 23.1 18.6 27.8
125 15.9 11.7 17.5

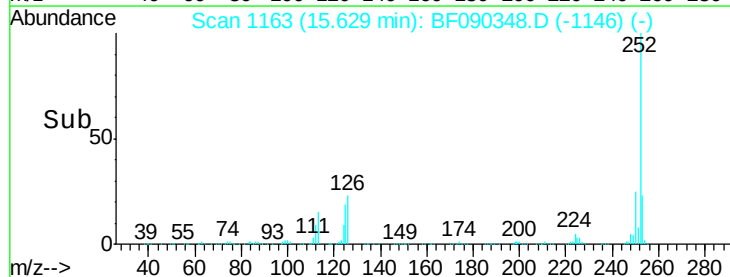
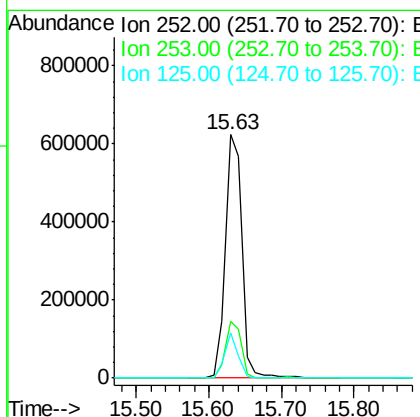
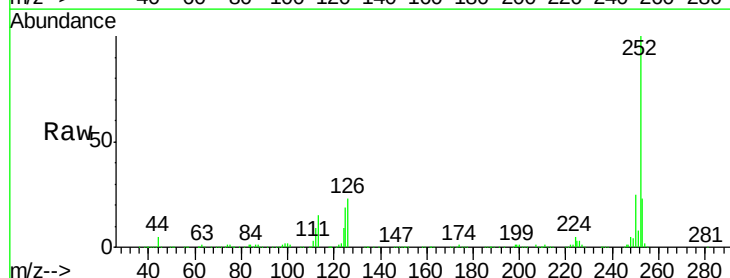
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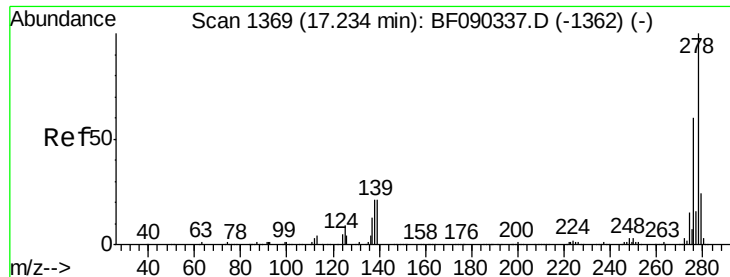
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#89
Benzo(a)pyrene
Concen: 147.30 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion: 252 Resp: 988693
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 18.6 9.8 14.8#





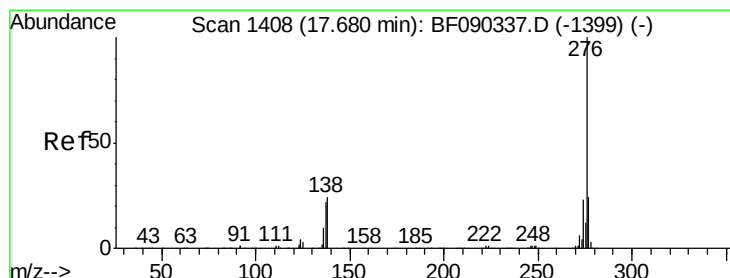
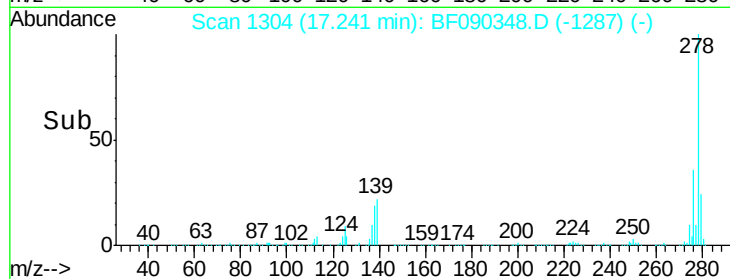
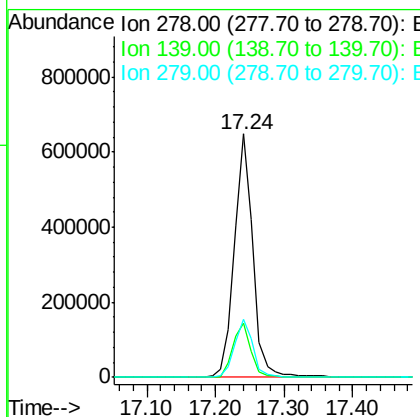
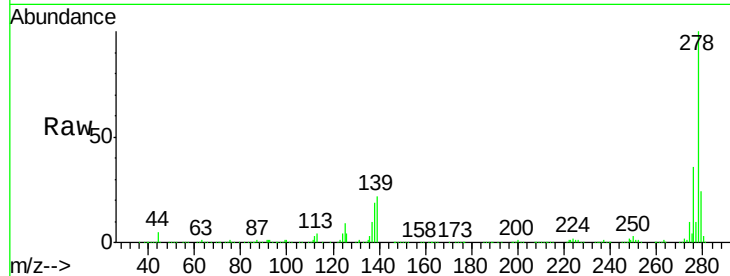
#90
Dibenzo(a,h)anthracene
Concen: 187.71 ng
RT: 17.24 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	12.8	19.2
279	24.0	19.6	29.4

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#91
Benzo(g,h,i)perylene
Concen: 140.86 ng
RT: 17.68 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF090348.D
Acq: 4 Oct 2016 18:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	30.6	20.8	31.2

