

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090347.D
 Acq On : 4 Oct 2016 17:45
 Operator : UM/SJ
 Sample : H4999-01MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations
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 10/5/2016 7:27:41 PM

Quant Time: Oct 05 10:47:58 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	278739	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1084703	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	470333	20.00	ng	0.01
63) Phenanthrene-d10	11.55	188	700587	20.00	ng	0.00
75) Chrysene-d12	14.20	240	494085	20.00	ng	0.01
86) Perylene-d12	15.70	264	113995	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	1936617	109.58	ng	0.02
7) Phenol-d6	6.63	99	2434351	110.20	ng	0.01
23) Nitrobenzene-d5	7.57	82	1769114	95.07	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	624019	152.76	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	2765149	95.85	ng	0.00
78) Terphenyl-d14	13.14	244	2154877	101.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	334590m	38.79	ng	
3) Pyridine	3.63	79	392837m	17.18	ng	
4) n-Nitrosodimethylamine	3.56	42	416890m	50.33	ng	
6) Aniline	6.75	93	972026m	32.02	ng	
8) 2-Chlorophenol	6.79	128	818633	41.22	ng	95
9) Benzaldehyde	6.55	77	210823	20.56	ng	91
10) Phenol	6.65	94	1005377	37.42	ng	94
11) bis(2-Chloroethyl)ether	6.75	93	1001496	52.49	ng	97
12) 1,3-Dichlorobenzene	6.95	146	835345	40.50	ng	96
13) 1,4-Dichlorobenzene	7.03	146	783339m	37.40	ng	
14) 1,2-Dichlorobenzene	7.18	146	811522	40.76	ng	98
15) Benzyl Alcohol	7.15	79	355420	22.82	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1360370	46.65	ng	95
17) 2-Methylphenol	7.25	107	666113	43.30	ng	99
18) Hexachloroethane	7.53	117	303571	40.06	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	685287	48.58	ng	# 83
20) 3+4-Methylphenols	7.41	107	879001	44.95	ng	89
22) Acetophenone	7.42	105	1248216	49.70	ng	# 86
24) Nitrobenzene	7.59	77	1062466	53.48	ng	93
25) Isophorone	7.83	82	1726958	48.78	ng	98
26) 2-Nitrophenol	7.91	139	389186	50.76	ng	98
27) 2,4-Dimethylphenol	7.95	122	755521	43.68	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	865840	39.39	ng	97
29) 2,4-Dichlorophenol	8.15	162	629185	44.43	ng	100
30) 1,2,4-Trichlorobenzene	8.23	180	660939	41.67	ng	99
31) Naphthalene	8.33	128	2440408	47.07	ng	98
32) Benzoic acid	8.04	122	399453	37.25	ng	98
33) 4-Chloroaniline	8.33	127	331871	16.02	ng	# 31
34) Hexachlorobutadiene	8.44	225	359497	38.51	ng	99
35) Caprolactam	8.71	113	117264m	31.66	ng	
36) 4-Chloro-3-methylphenol	8.84	107	691577	45.48	ng	96
37) 2-Methylnaphthalene	9.01	142	1502090	46.17	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	693207	52.21	ng	98
40) Hexachlorocyclopentadiene	9.17	237	826365	91.88	ng	100

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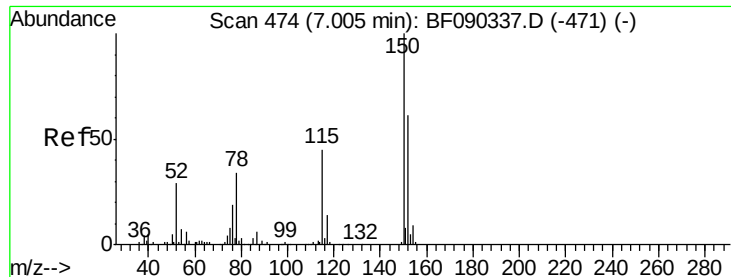
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	414020m	49.57	ng	
43) 2,4,5-Trichlorophenol	9.33	196	410276m	48.82	ng	
45) 1,1'-Biphenyl	9.48	154	1855122	50.95	ng	97
46) 2-Chloronaphthalene	9.50	162	1393508	50.98	ng	98
47) 2-Nitroaniline	9.59	65	247652	33.19	ng	# 75
48) Acenaphthylene	9.91	152	1861346	45.02	ng	99
49) Dimethylphthalate	9.78	163	1493549	53.64	ng	99
50) 2,6-Dinitrotoluene	9.83	165	326755	53.65	ng	88
51) Acenaphthene	10.10	154	1417633	56.34	ng	98
52) 3-Nitroaniline	9.99	138	50515	7.32	ng	81
53) 2,4-Dinitrophenol	10.11	184	294870	124.86	ng	92
54) Dibenzofuran	10.27	168	1859567	55.89	ng	99
55) 4-Nitrophenol	10.15	139	515890	93.91	ng	91
56) 2,4-Dinitrotoluene	10.23	165	355610	48.51	ng	# 25
57) Fluorene	10.61	166	1488662	53.49	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	291798m	49.24	ng	
59) Diethylphthalate	10.47	149	1312079	46.10	ng	# 91
60) 4-Chlorophenyl-phenylether	10.60	204	702025	53.20	ng	98
61) 4-Nitroaniline	10.61	138	141276	22.77	ng	81
62) Azobenzene	10.76	77	1709189	57.63	ng	91
64) 4,6-Dinitro-2-methylphenol	10.65	198	171174	52.21	ng	# 46
65) n-Nitrosodiphenylamine	10.71	169	293246	12.28	ng	99
66) 4-Bromophenyl-phenylether	11.09	248	376165	49.69	ng	98
67) Hexachlorobenzene	11.16	284	408833	45.94	ng	96
69) Pentachlorophenol	11.34	266	414918	83.18	ng	99
70) Phenanthrene	11.57	178	1786101	47.52	ng	99
71) Anthracene	11.63	178	1877882	50.05	ng	97
72) Carbazole	11.77	167	409948	11.89	ng	97
73) Di-n-butylphthalate	12.11	149	1945048	47.19	ng	99
74) Fluoranthene	12.76	202	1549327	43.46	ng	96
77) Pyrene	12.99	202	1522976	48.14	ng	99
79) Butylbenzylphthalate	13.62	149	791663	63.49	ng	97
80) Benzo(a)anthracene	14.19	228	1443801	52.11	ng	98
82) Chrysene	14.22	228	1421472	54.76	ng	100
83) Bis(2-ethylhexyl)phthalate	14.18	149	1154223	57.87	ng	# 99
84) Di-n-octyl phthalate	14.80	149	1783227	61.54	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.22	276	1137073	40.75	ng	# 93
87) Benzo(b)fluoranthene	15.25	252	1433137	218.62	ng	# 94
88) Benzo(k)fluoranthene	15.29	252	1068983m	170.72	ng	
89) Benzo(a)pyrene	15.63	252	953149	159.41	ng	# 94
90) Dibenzo(a,h)anthracene	17.24	278	1201360	204.90	ng	# 93
91) Benzo(g,h,i)perylene	17.68	276	889647	154.91	ng	# 93

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



#1

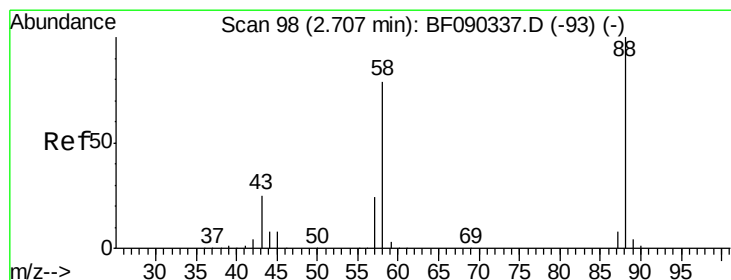
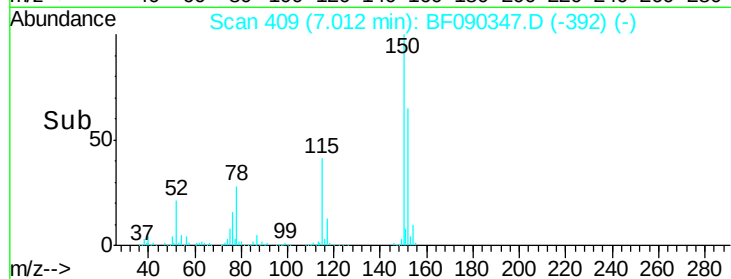
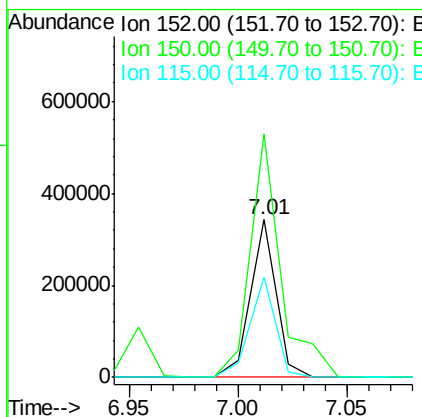
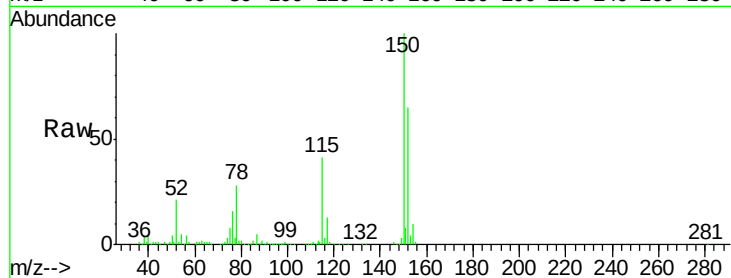
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	63.4	46.2	69.4

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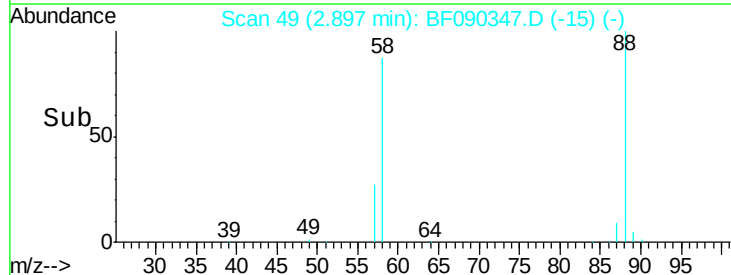
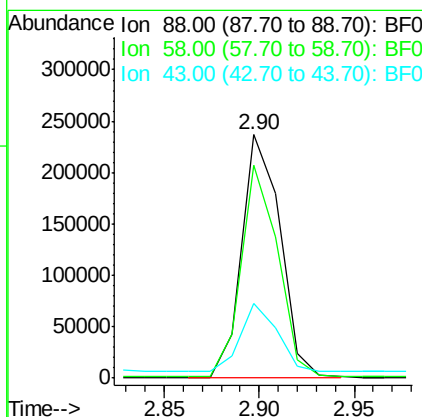
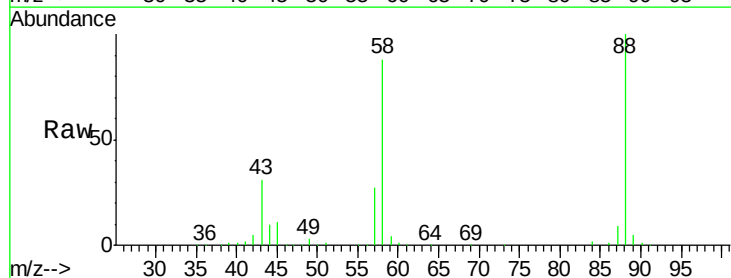
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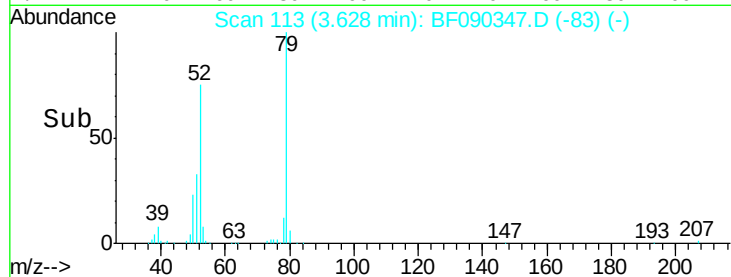
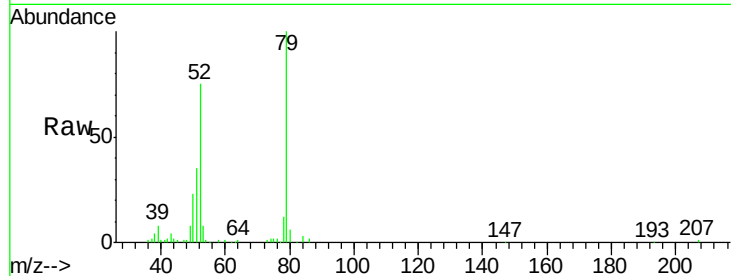
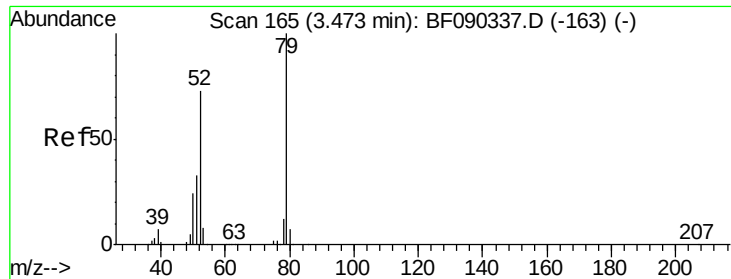


#2

1,4-Dioxane
Concen: 38.79 ng m
RT: 2.90 min Scan# 49
Delta R.T. 0.19 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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





#3

Pyridine

Concen: 17.18 ng m

RT: 3.63 min Scan# 113

Delta R.T. 0.15 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Tgt Ion:	79	Resp:	392837
Ion Ratio	Lower	Upper	
79	100		
52	74.6	71.3	106.9
51	34.5	34.5	51.7

Instrument :

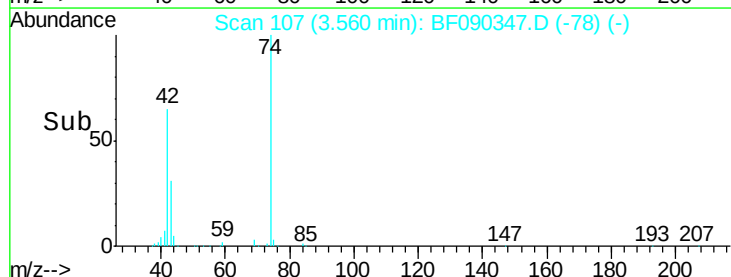
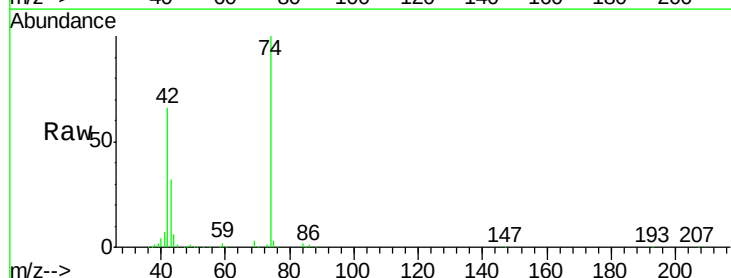
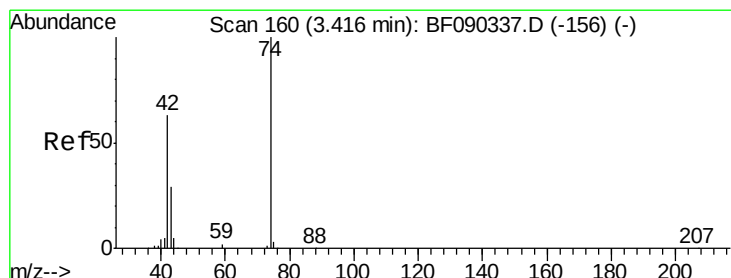
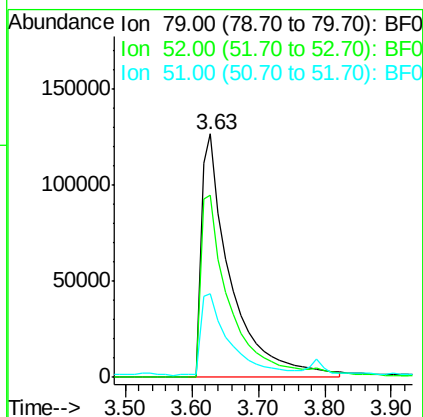
BNA_F

ClientSampleId :

SUP-B044-3-6MS

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#4

n-Nitrosodimethylamine

Concen: 50.33 ng m

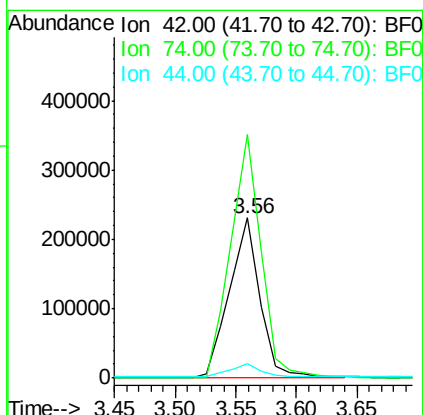
RT: 3.56 min Scan# 107

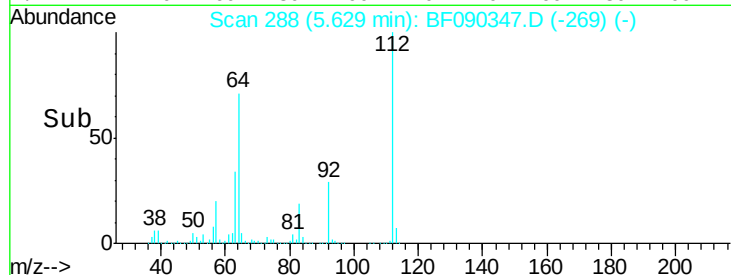
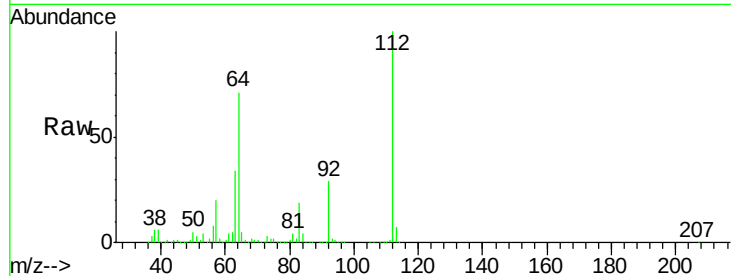
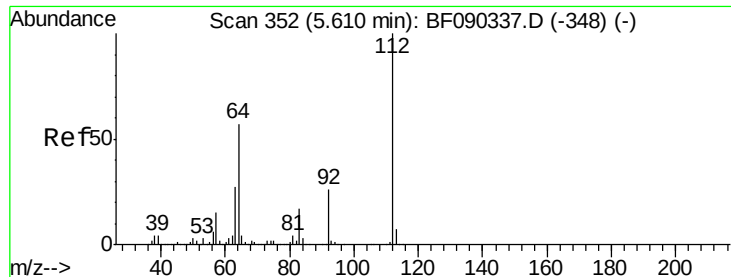
Delta R.T. 0.14 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Tgt Ion:	42	Resp:	416890
Ion Ratio	Lower	Upper	
42	100		
74	152.1	88.9	133.3#
44	8.7	6.5	9.7





#5

2-Fluorophenol

Concen: 109.58 ng

RT: 5.63 min Scan# 288

Delta R.T. 0.02 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Tgt Ion:	112	Resp:	1936617
Ion Ratio	Lower	Upper	
112	100		
64	70.6	57.9	86.9
63	34.1	29.6	44.4

Instrument :

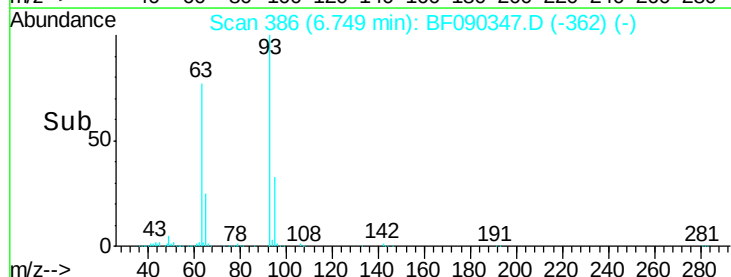
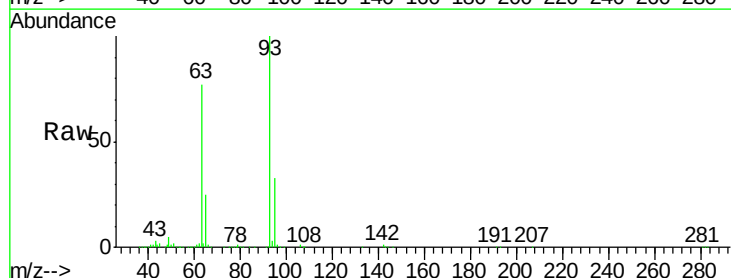
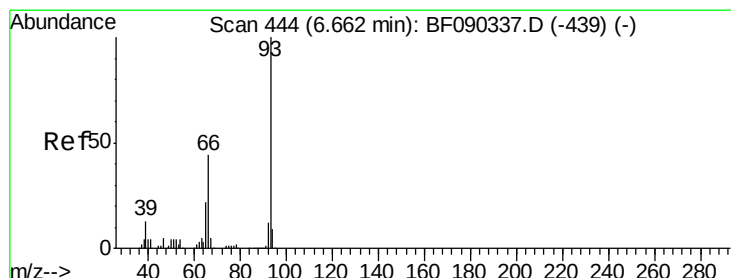
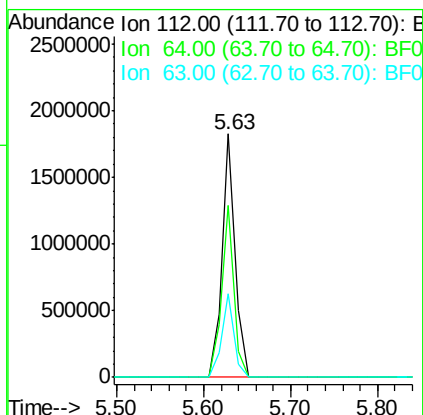
BNA_F

ClientSampleId :

SUP-B044-3-6MS

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#6

Aniline

Concen: 32.02 ng m

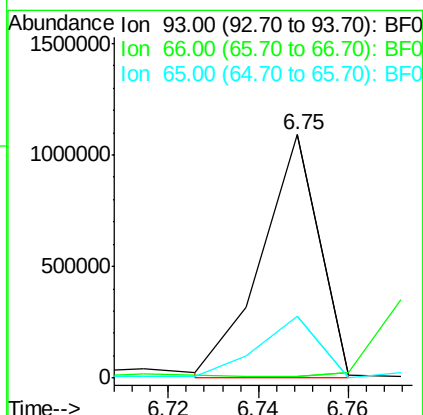
RT: 6.75 min Scan# 386

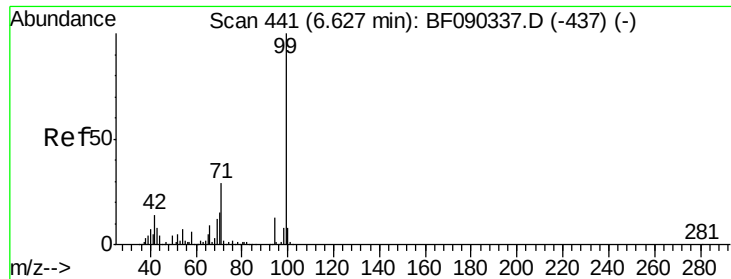
Delta R.T. 0.08 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Tgt Ion:	93	Resp:	972026
Ion Ratio	Lower	Upper	
93	100		
66	0.9	34.5	51.7#
65	25.4	18.2	27.2





#7

Phenol-d6

Concen: 110.20 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

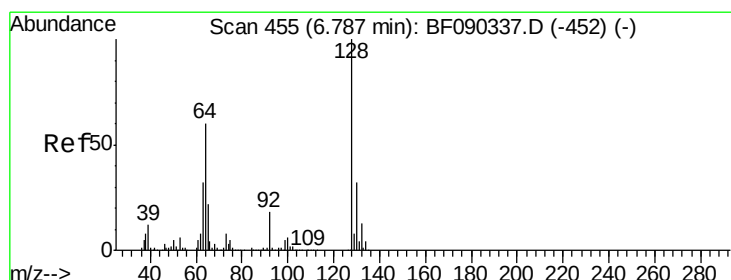
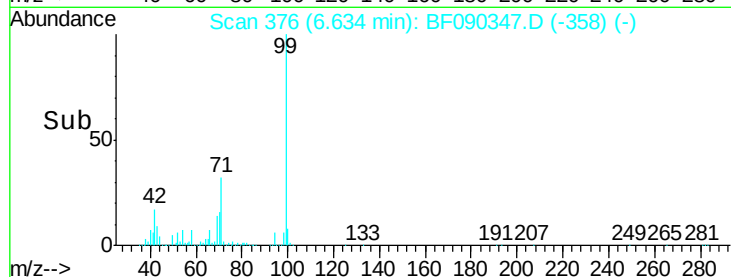
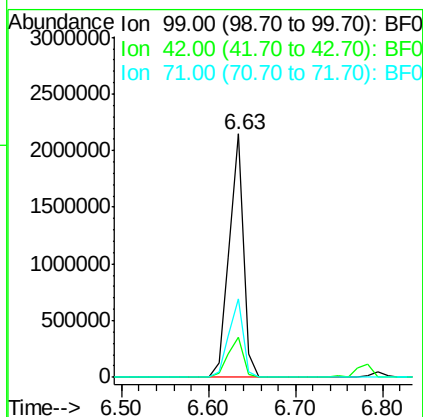
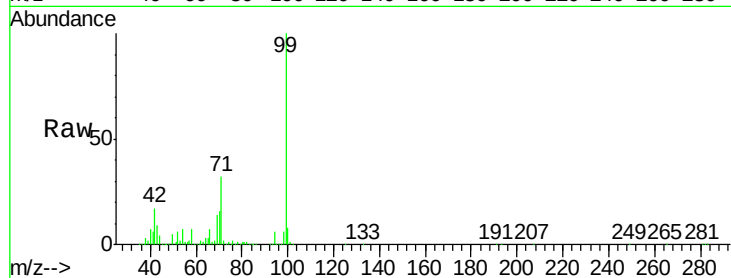
ClientSampleId :

SUP-B044-3-6MS

Tgt Ion:	99	Resp:	2434351
Ion	Ratio	Lower	Upper
99	100		
42	16.5	20.0	30.0#
71	32.5	27.9	41.9

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#8

2-Chlorophenol

Concen: 41.22 ng

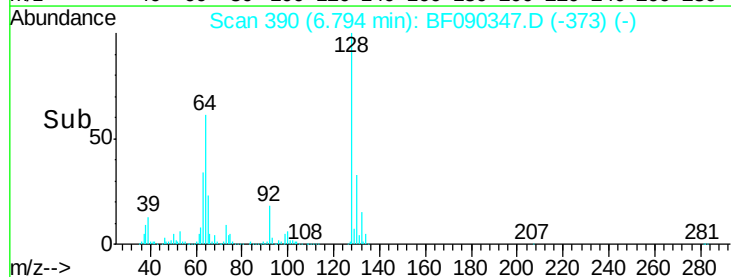
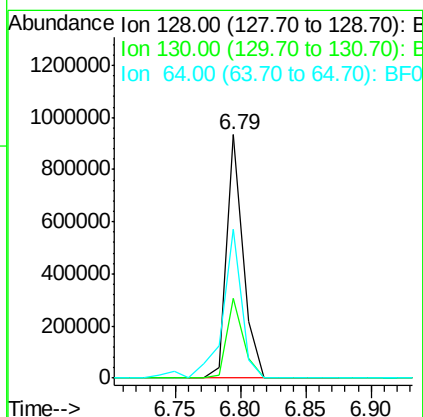
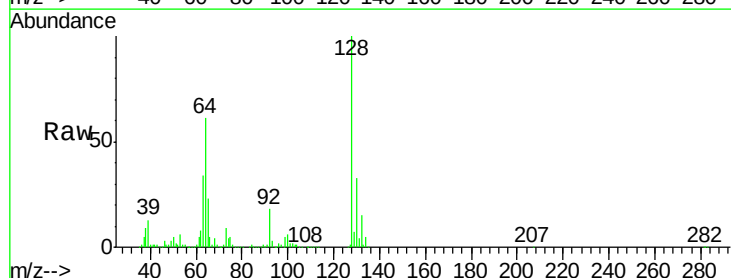
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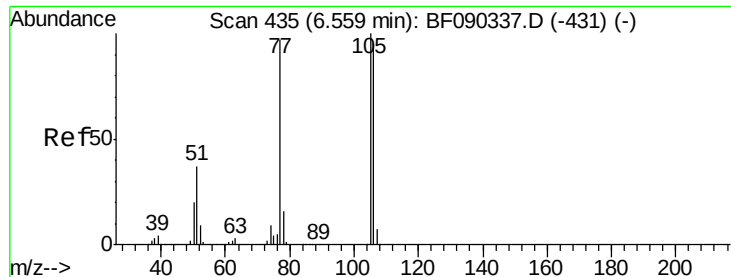
Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Tgt Ion:	128	Resp:	818633
Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.3	53.3
64	61.2	36.0	76.0





#9

Benzaldehyde

Concen: 20.56 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

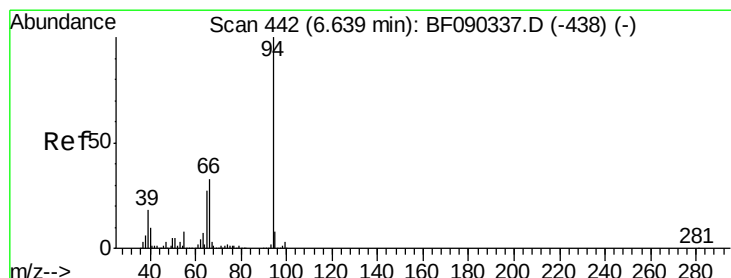
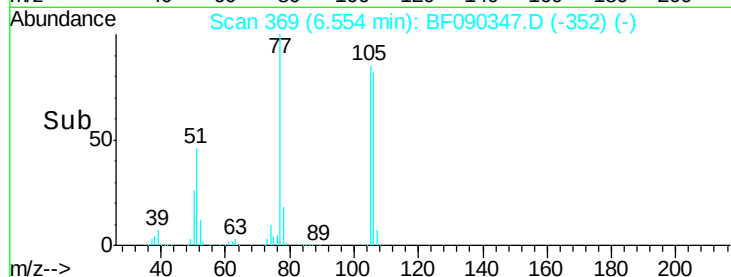
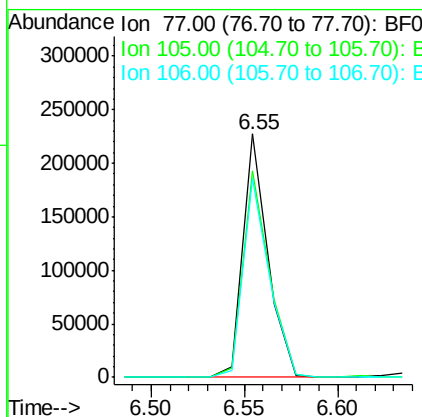
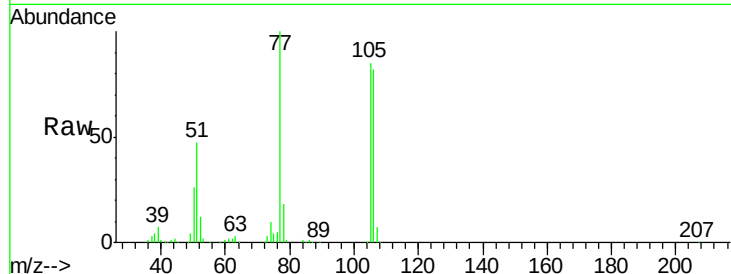
ClientSampleId :

SUP-B044-3-6MS

Tgt Ion:	77	Resp:	210823
Ion Ratio	Lower	Upper	
77	100		
105	85.0	73.1	113.1
106	81.9	70.2	110.2

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#10

Phenol

Concen: 37.42 ng

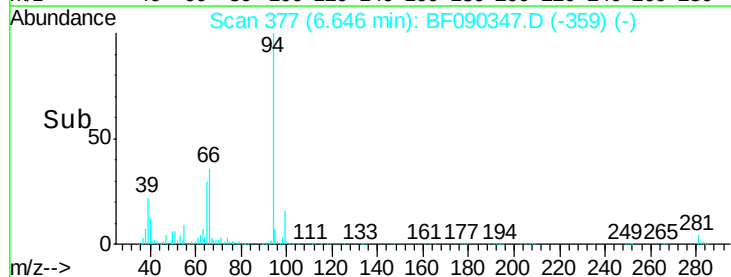
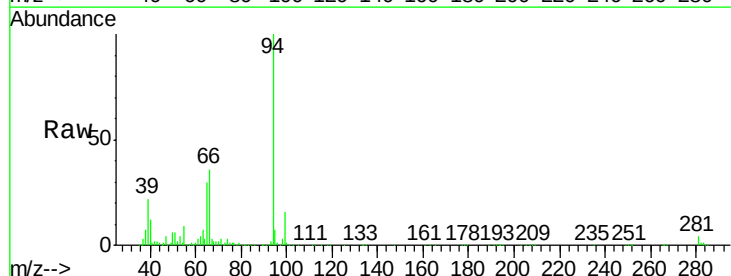
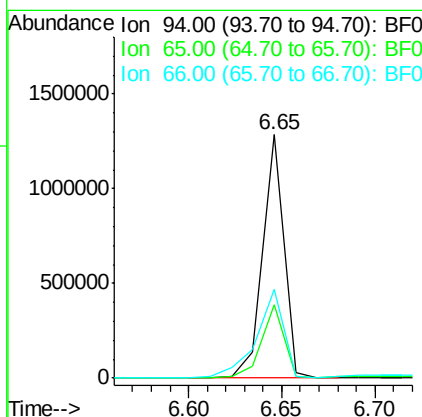
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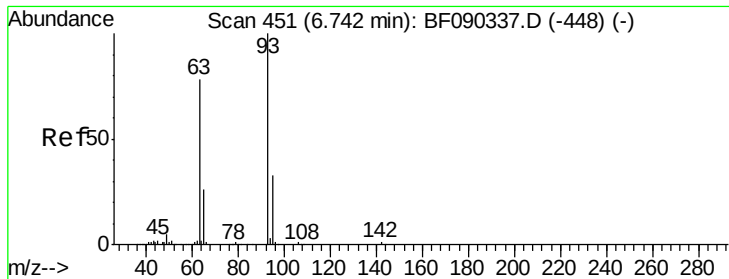
Delta R.T. 0.01 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Tgt Ion:	94	Resp:	1005377
Ion Ratio	Lower	Upper	
94	100		
65	30.2	13.3	53.3
66	36.3	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 52.49 ng

RT: 6.75 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 93 Resp: 1001496

Ion Ratio Lower Upper

93 100

63 77.0 59.7 99.7

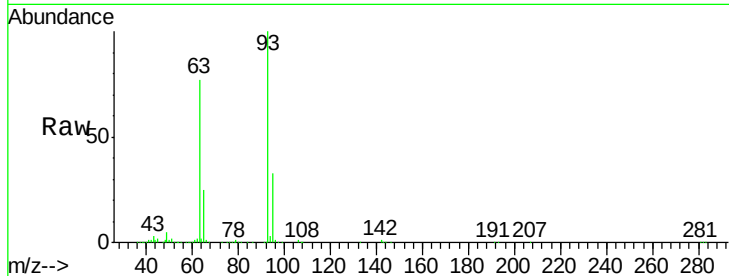
95 33.1 14.0 54.0

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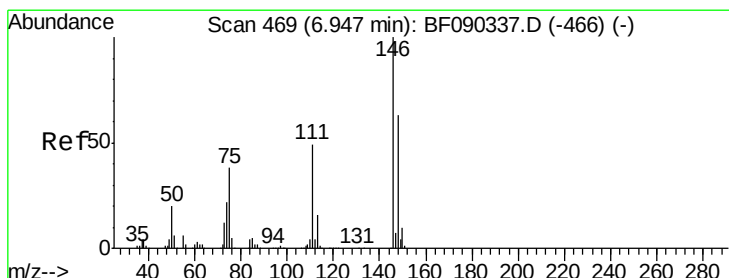
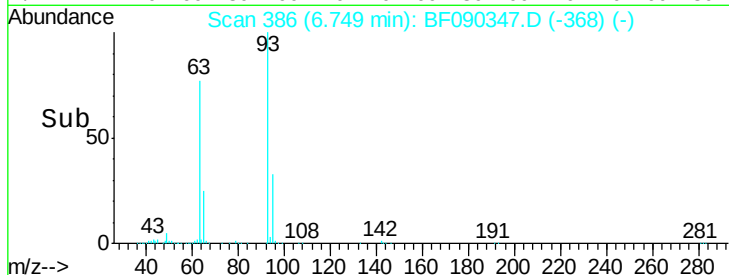
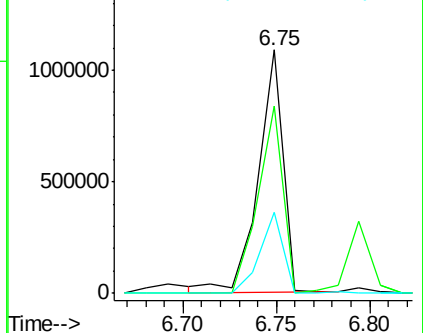
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Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.50 ng

RT: 6.95 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

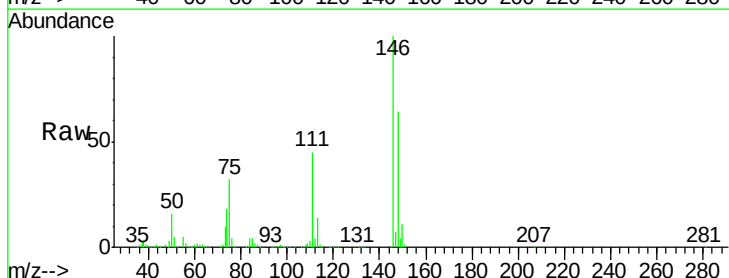
Tgt Ion: 146 Resp: 835345

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.4

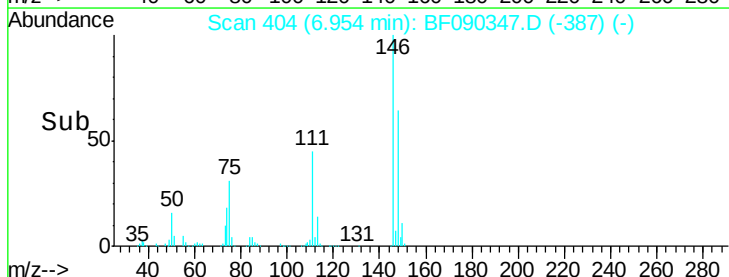
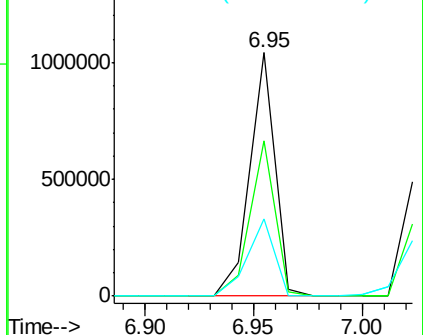
75 31.5 21.4 32.2

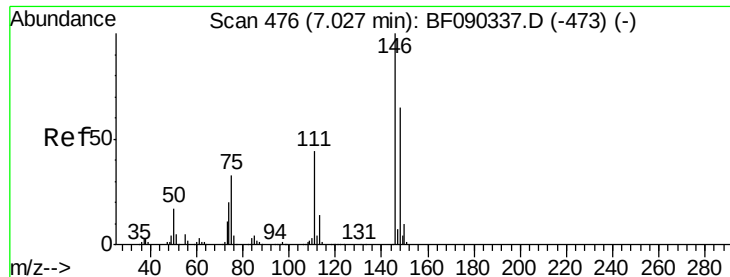


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





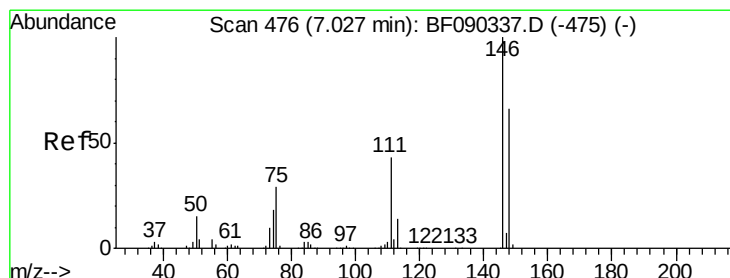
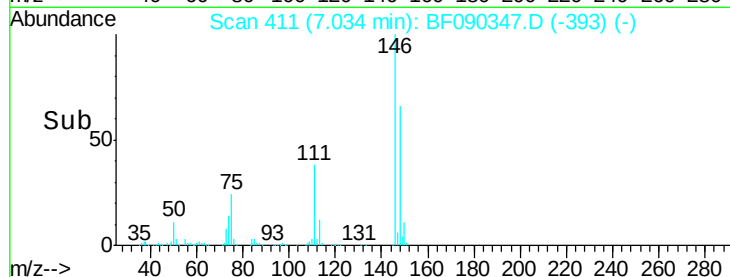
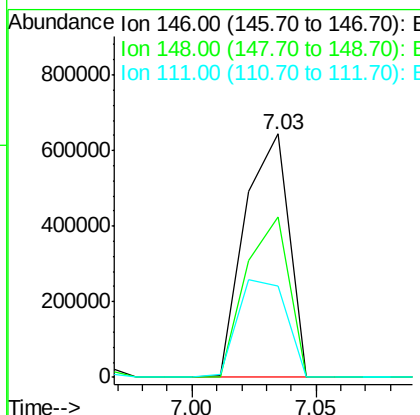
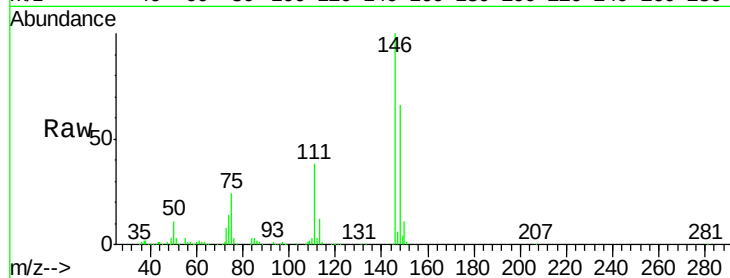
#13
 1,4-Dichlorobenzene
 Concen: 37.40 ng m
 RT: 7.03 min Scan# 411
 Delta R.T. 0.01 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.1	76.7
111	37.7	37.8	56.6

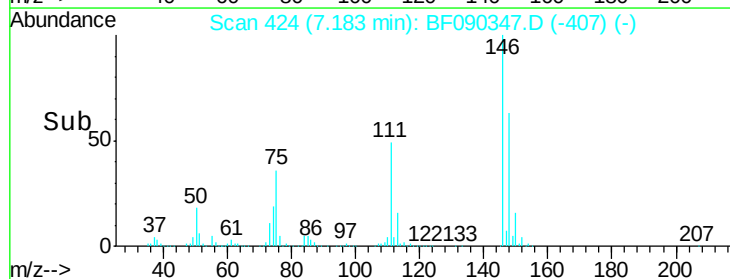
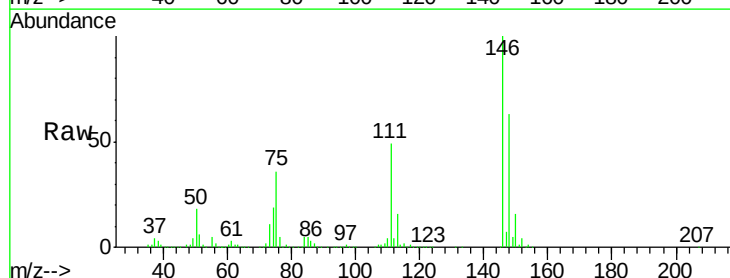
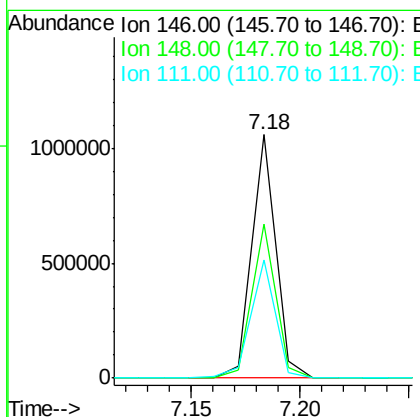
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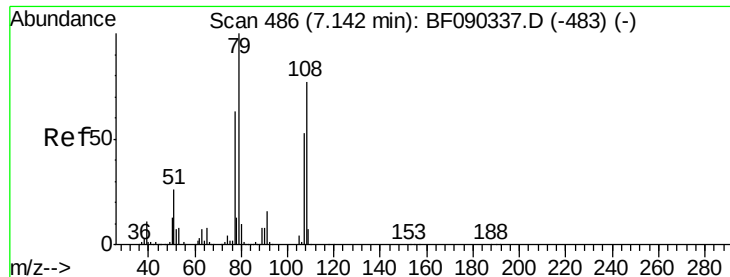
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#14
 1,2-Dichlorobenzene
 Concen: 40.76 ng
 RT: 7.18 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.3	78.5
111	48.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 22.82 ng

RT: 7.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

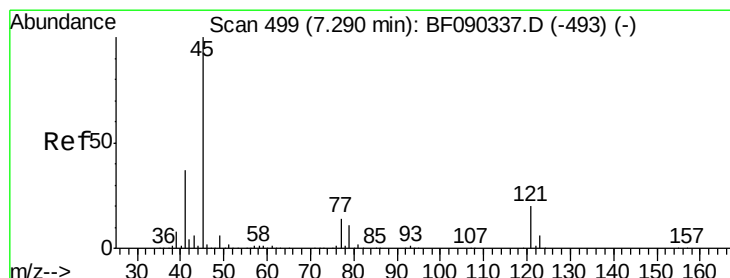
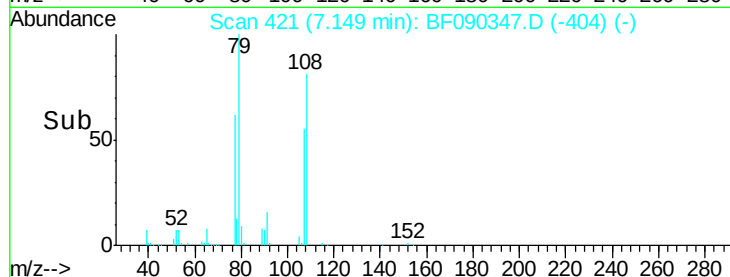
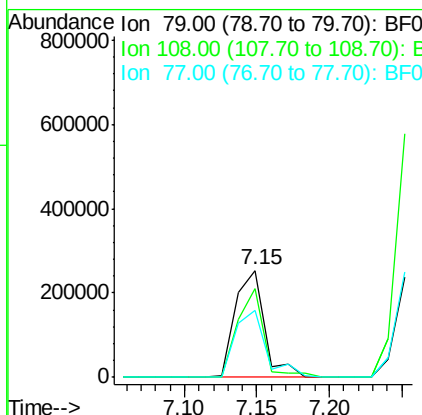
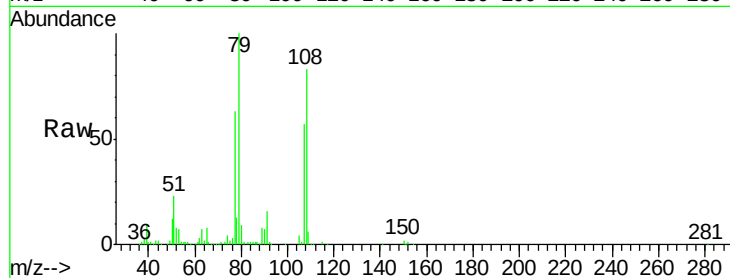
ClientSampleId :

SUP-B044-3-6MS

Tgt Ion:	79	Resp:	355420
Ion Ratio	Lower	Upper	
79	100		
108	83.5	60.9	91.3
77	63.0	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.65 ng

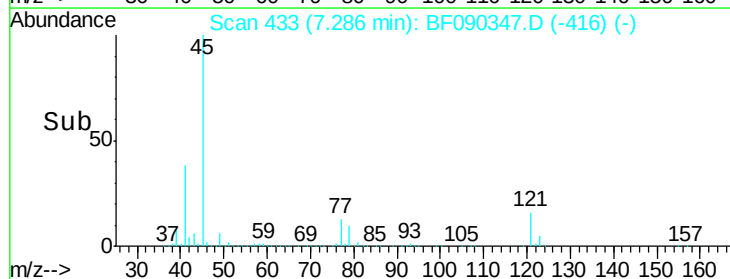
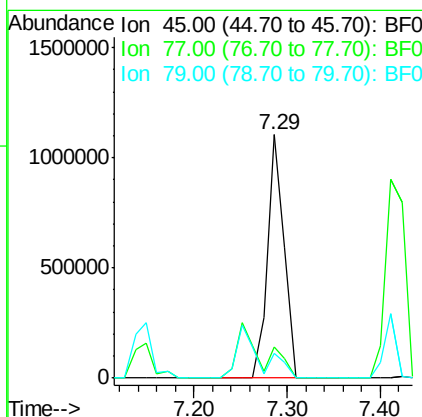
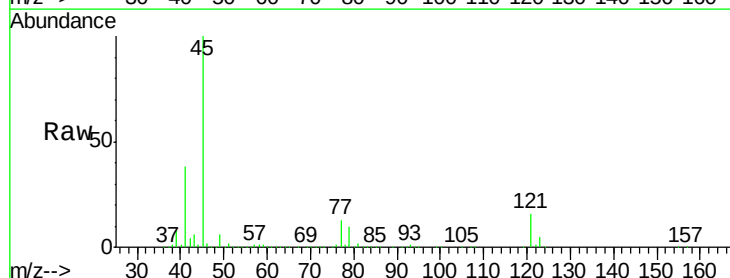
RT: 7.29 min Scan# 433

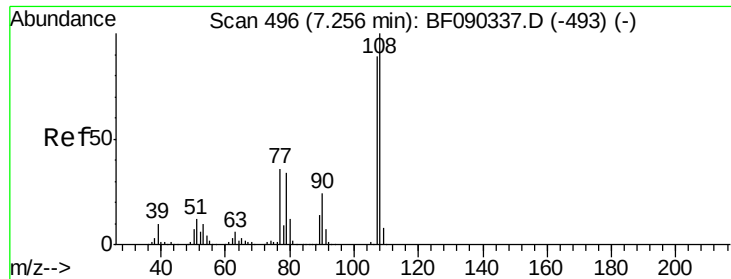
Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Tgt Ion:	45	Resp:	1360370
Ion Ratio	Lower	Upper	
45	100		
77	13.0	0.0	30.8
79	10.0	0.0	28.2





#17

2-Methylphenol

Concen: 43.30 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF090347.D

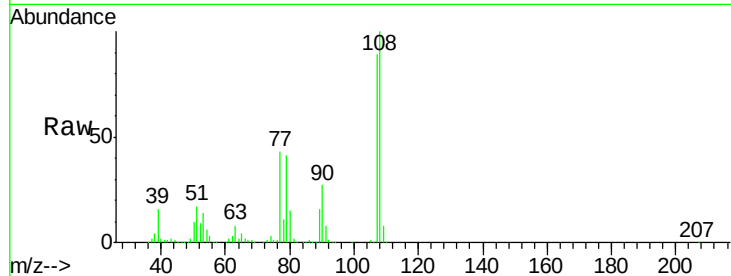
Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

ClientSampleId :

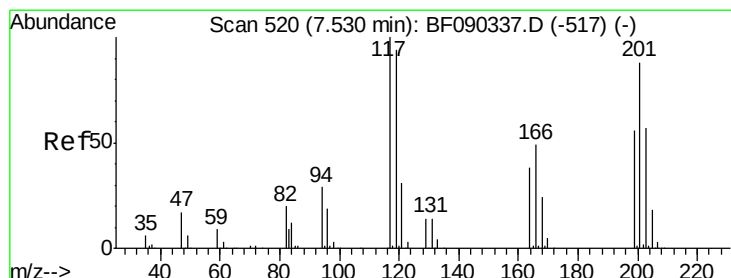
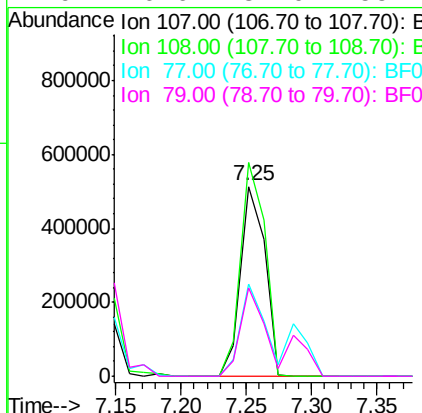
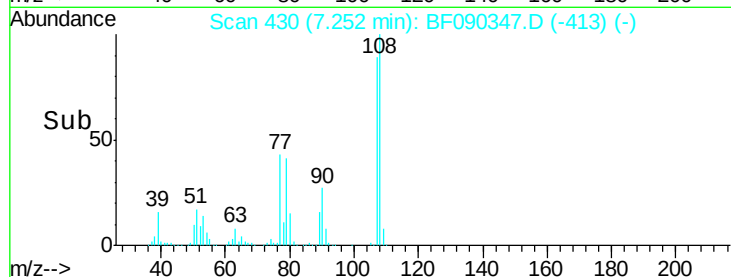
SUP-B044-3-6MS



Tgt Ion:	107	Resp:	666113
Ion Ratio	Lower	Upper	
107	100		
108	112.6	90.9	136.3
77	48.8	38.2	57.4
79	46.6	37.0	55.4

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#18

Hexachloroethane

Concen: 40.06 ng

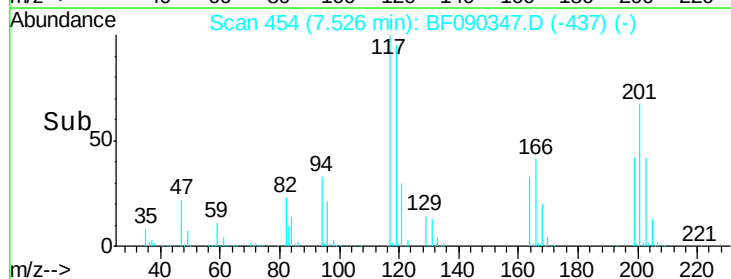
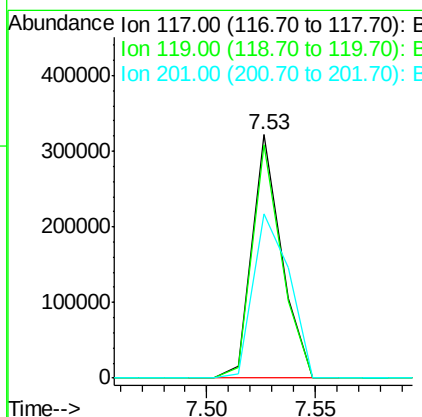
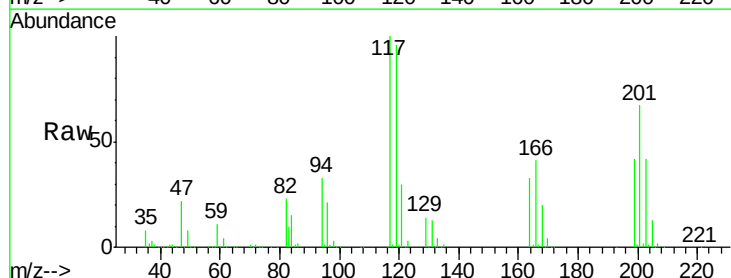
RT: 7.53 min Scan# 454

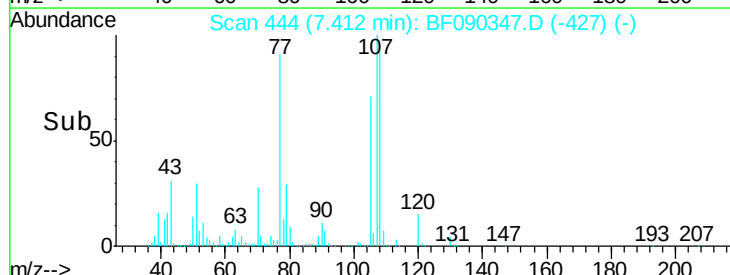
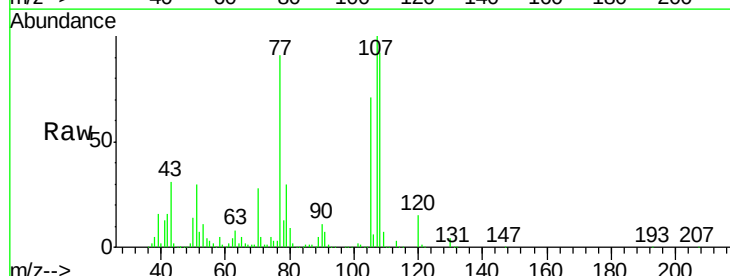
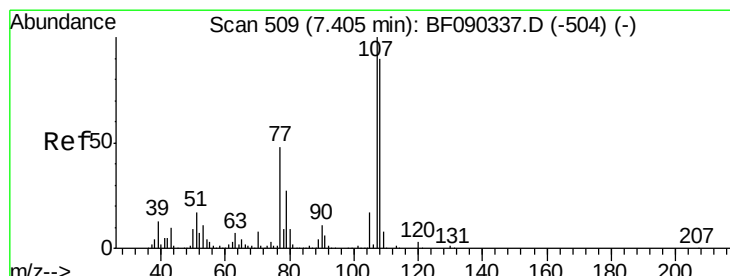
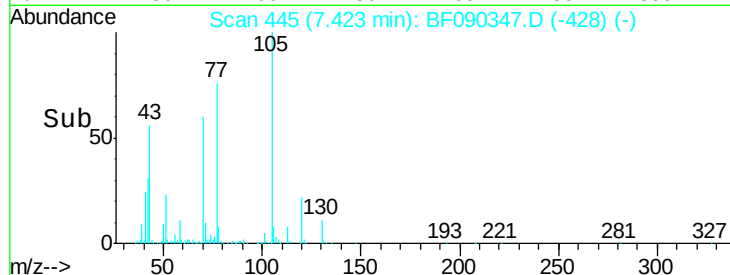
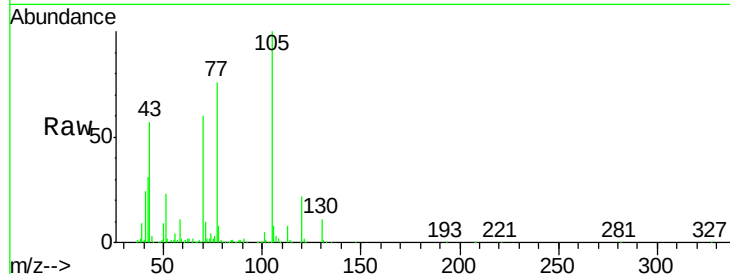
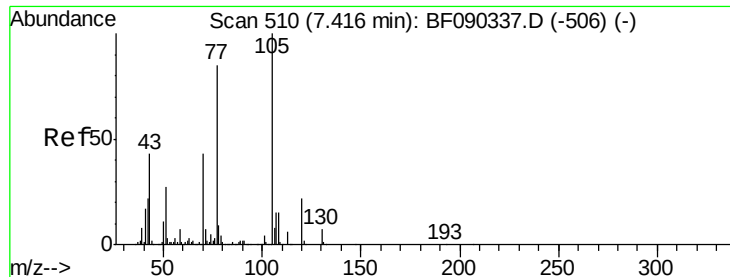
Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Tgt Ion:	117	Resp:	303571
Ion Ratio	Lower	Upper	
117	100		
119	95.7	75.9	113.9
201	67.3	66.5	99.7





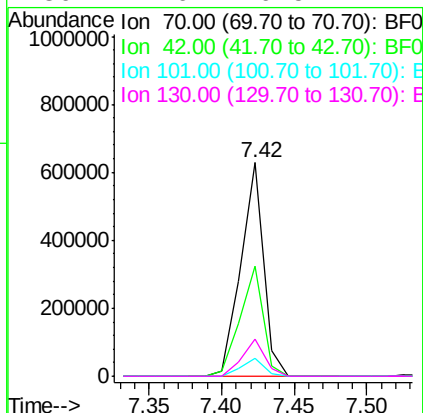
#19
n-Nitroso-di-n-propylamine
Concen: 48.58 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.7	55.4	83.2#
101	8.4	7.6	11.4
130	17.6	16.5	24.7

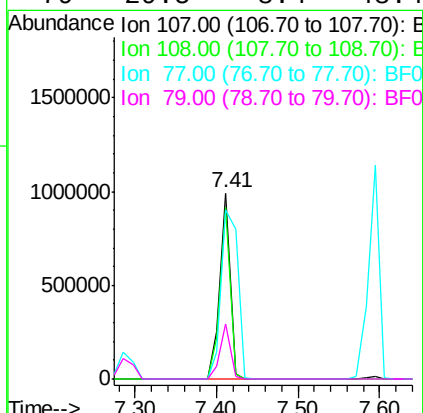
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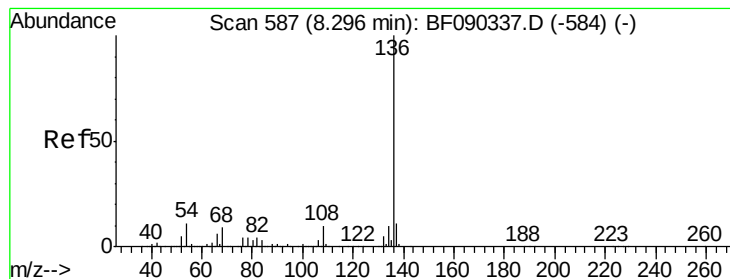
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#20
3+4-Methylphenols
Concen: 44.95 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	66.7	106.7
77	90.8	53.7	93.7
79	29.5	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: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MS

Tgt Ion:136 Resp: 1084703

Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 7.4 6.6 10.0

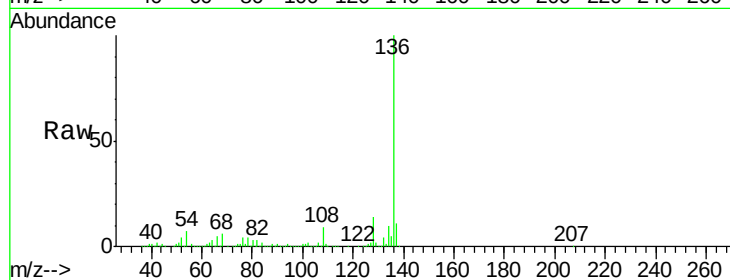
68 6.5 5.0 7.6

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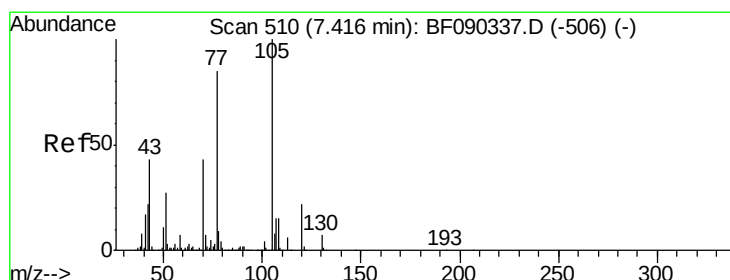
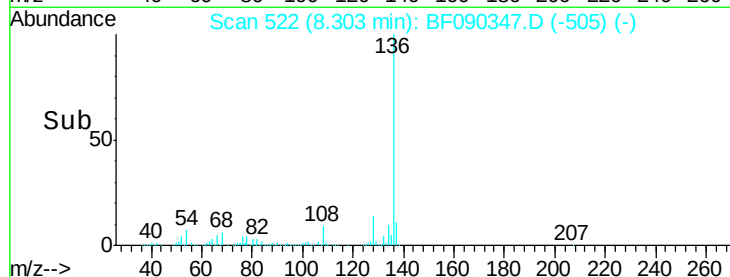
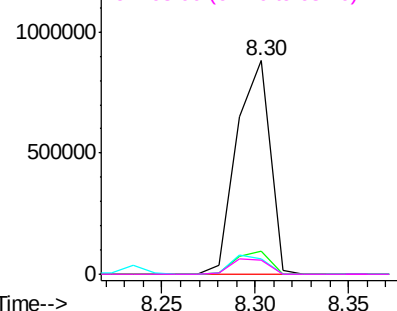


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 49.70 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.01 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Tgt Ion:105 Resp: 1248216

Ion Ratio Lower Upper

105 100

71 10.3 3.8 5.6#

51 23.2 28.2 42.4#

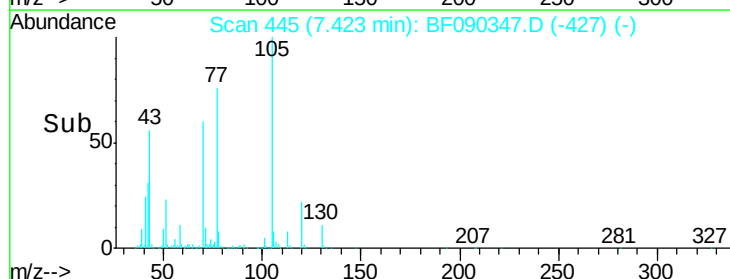
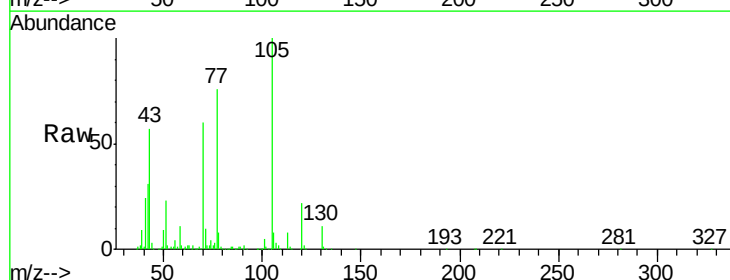
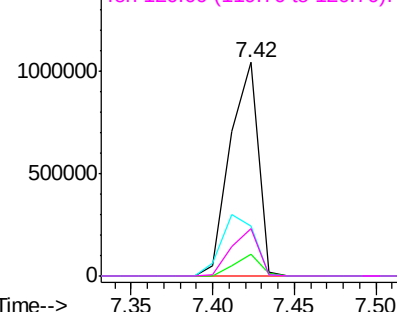
120 22.4 17.4 26.2

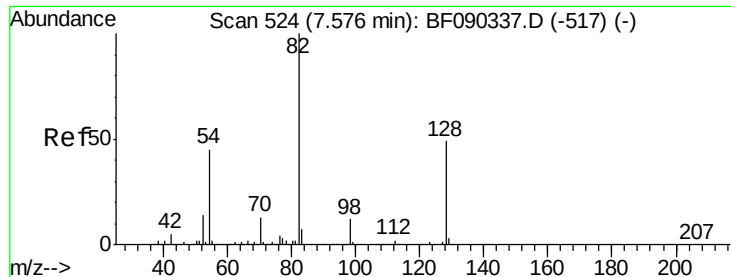
Abundance Ion 105.00 (104.70 to 105.70): E

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





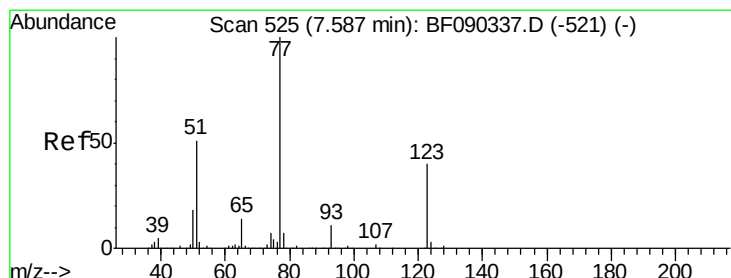
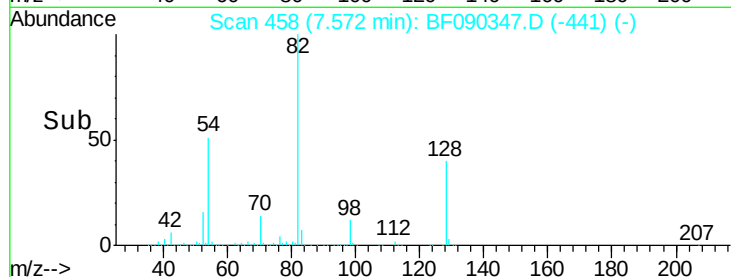
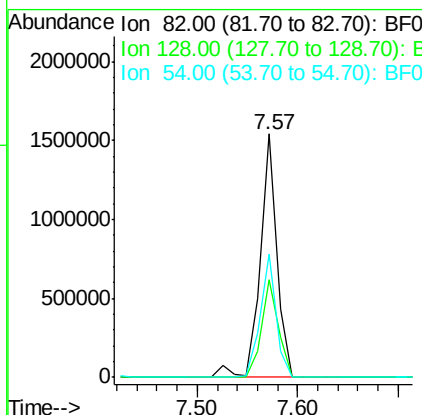
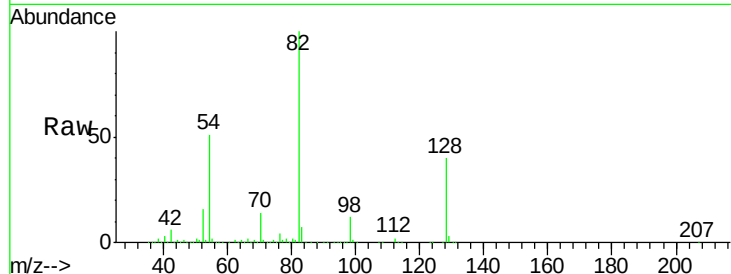
#23
 Nitrobenzene-d5
 Concen: 95.07 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	40.0	60.0
54	50.8	42.6	64.0

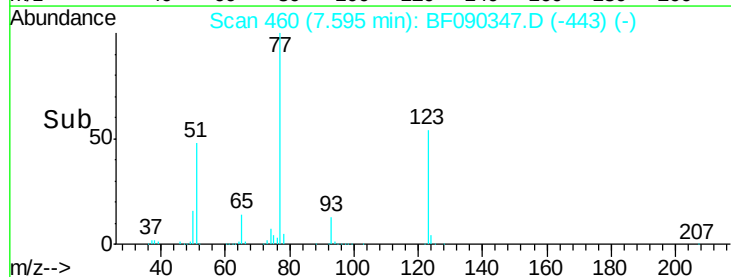
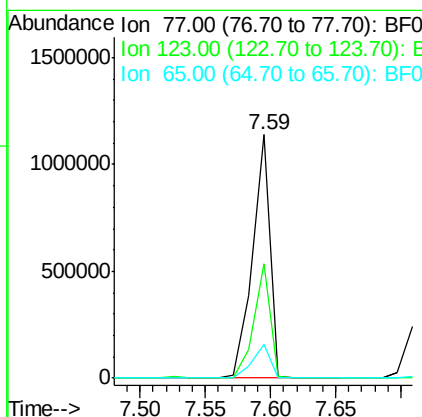
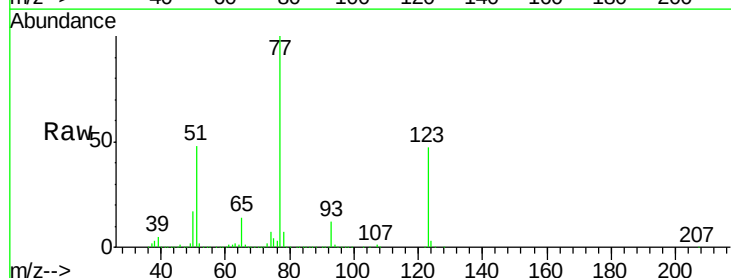
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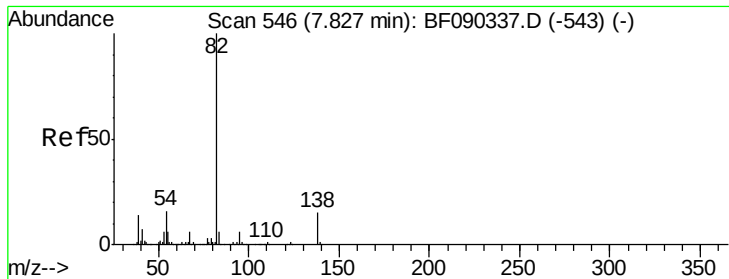
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#24
 Nitrobenzene
 Concen: 53.48 ng
 RT: 7.59 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	33.0	49.4
65	13.6	12.0	18.0





#25

Isophorone

Concen: 48.78 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090347.D

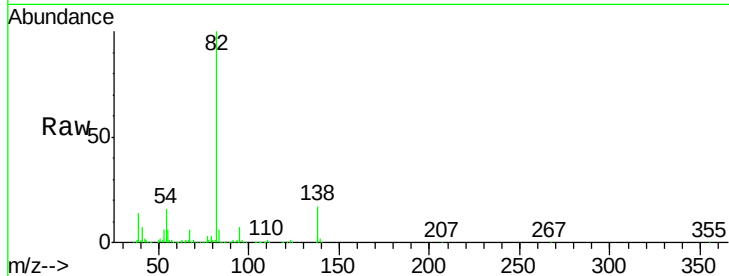
Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

ClientSampleId :

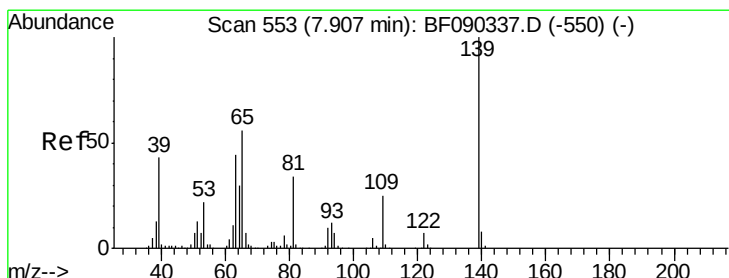
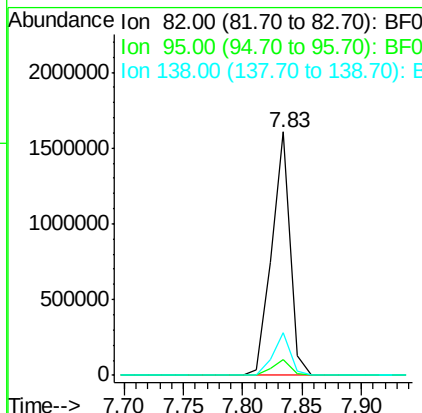
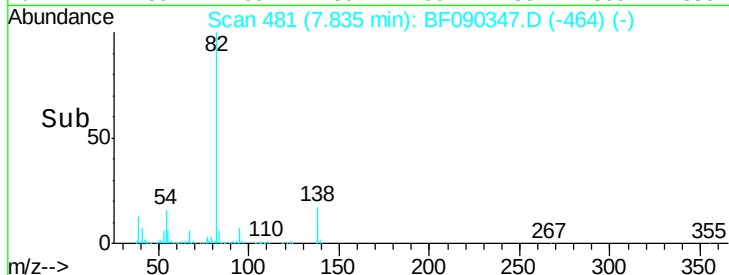
SUP-B044-3-6MS



Tgt Ion:	82	Resp:	1726958
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	17.4	13.0	19.4

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#26

2-Nitrophenol

Concen: 50.76 ng

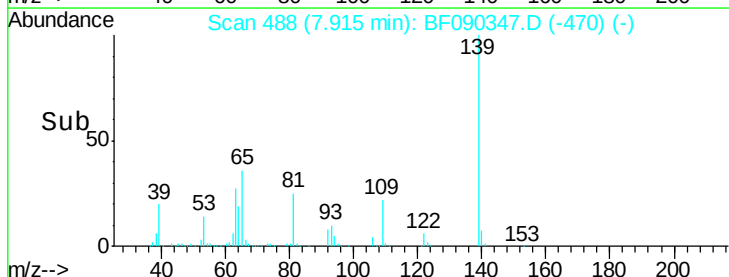
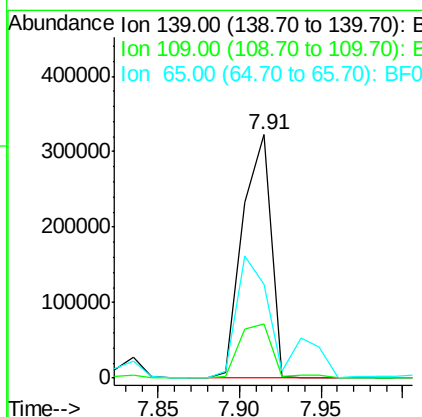
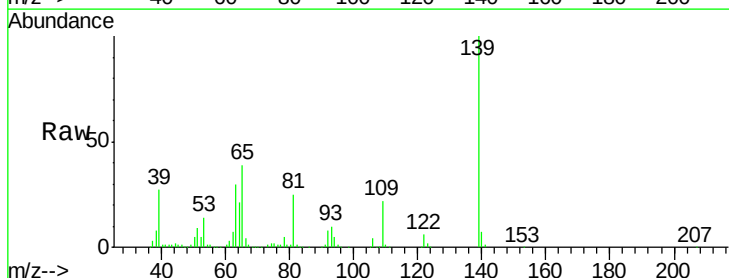
RT: 7.91 min Scan# 488

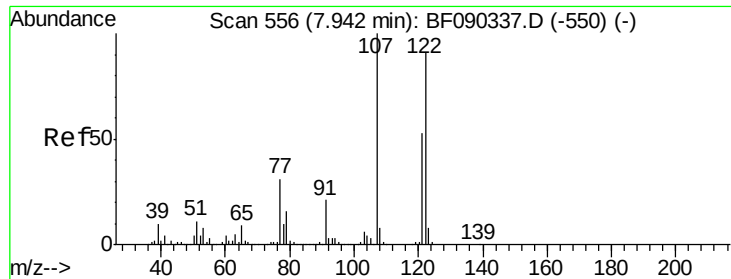
Delta R.T. 0.01 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Tgt Ion:	139	Resp:	389186
Ion	Ratio	Lower	Upper
139	100		
109	22.4	18.9	28.3
65	38.8	31.6	47.4





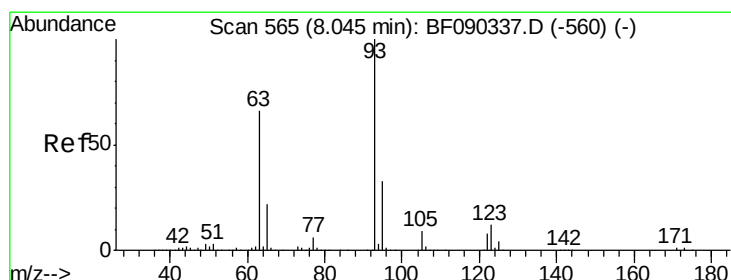
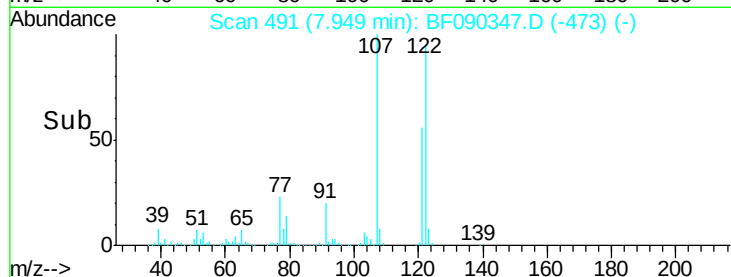
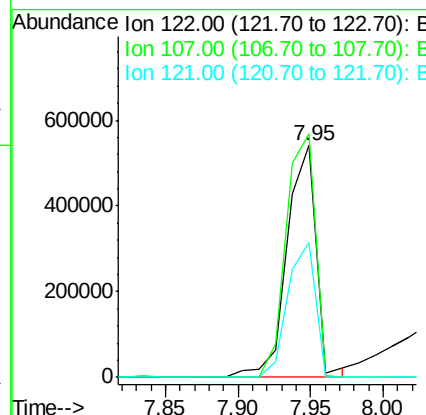
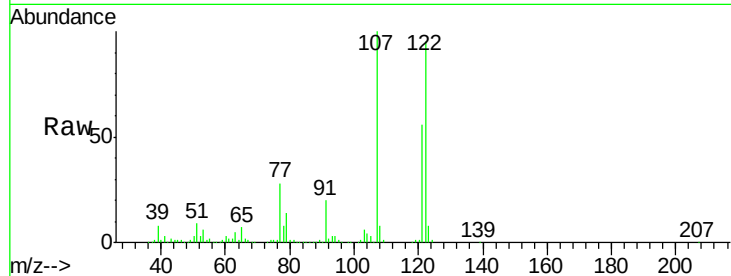
#27
2,4-Dimethylphenol
Concen: 43.68 ng
RT: 7.95 min Scan# 491
Delta R.T. 0.01 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	755521		
107	105.1	88.6	132.8	
121	58.3	47.5	71.3	

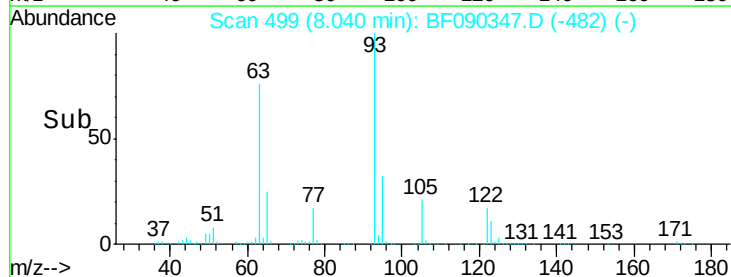
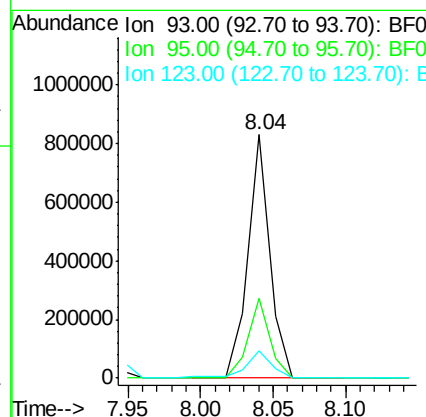
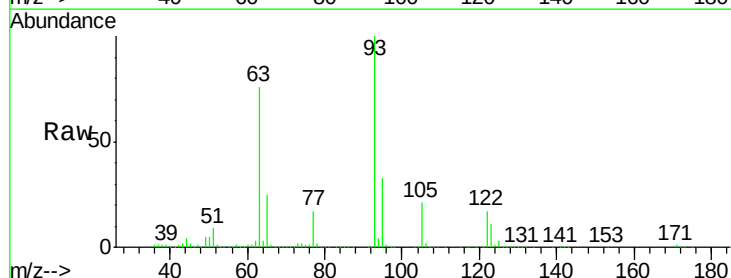
Manual Integrations
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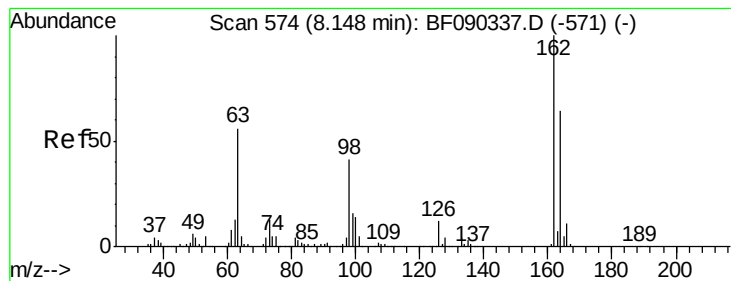
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#28
bis(2-Chloroethoxy)methane
Concen: 39.39 ng
RT: 8.04 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	865840		
95	32.9	27.0	40.4	
123	11.4	11.1	16.7	





#29

2,4-Dichlorophenol

Concen: 44.43 ng

RT: 8.15 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

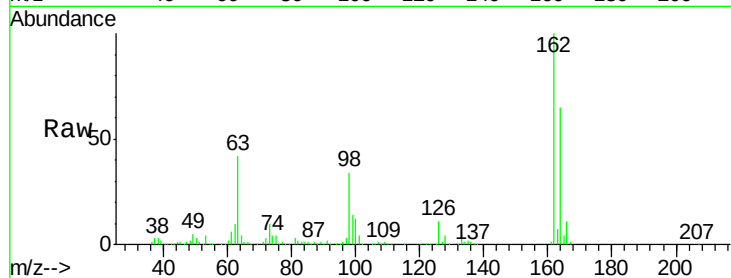
ClientSampleId :

SUP-B044-3-6MS

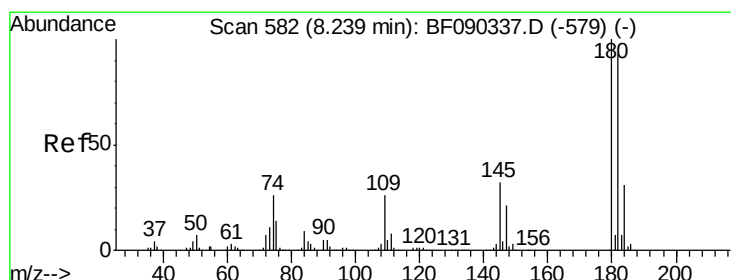
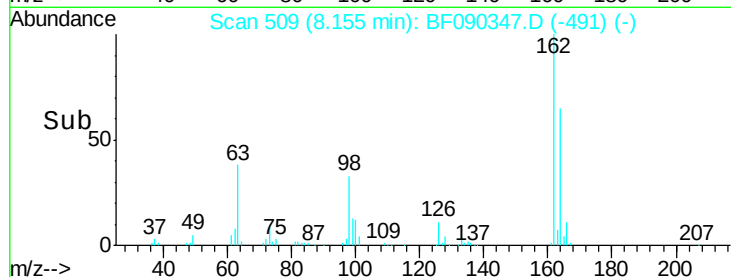
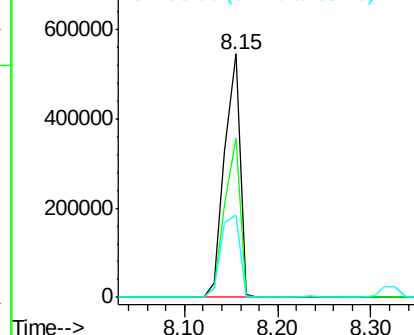
Tgt Ion:	162	Resp:	629185
Ion Ratio	Lower	Upper	
162	100		
164	65.5	45.7	85.7
98	33.6	13.3	53.3

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.67 ng

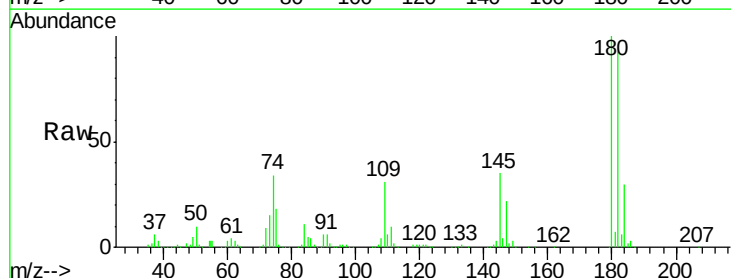
RT: 8.23 min Scan# 516

Delta R.T. -0.00 min

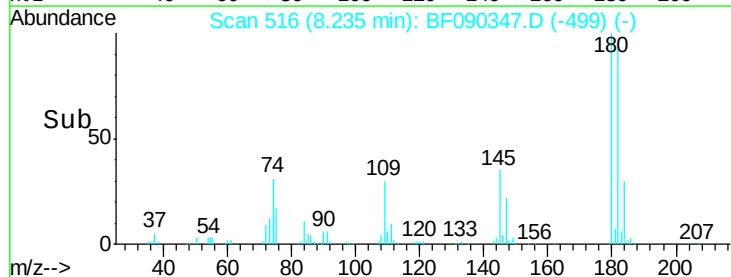
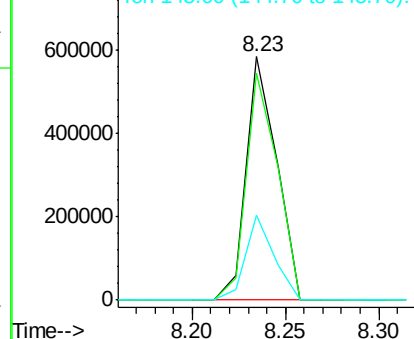
Lab File: BF090347.D

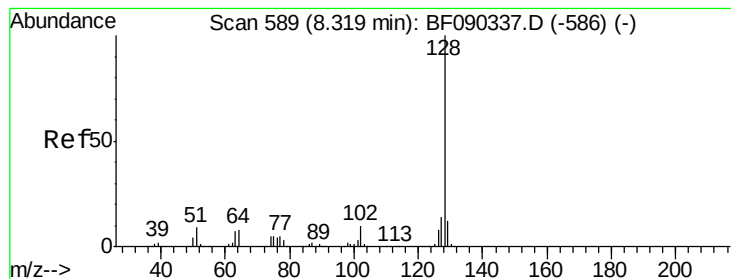
Acq: 4 Oct 2016 17:45

Tgt Ion:	180	Resp:	660939
Ion Ratio	Lower	Upper	
180	100		
182	93.1	75.3	112.9
145	34.6	27.7	41.5



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





#31

Naphthalene

Concen: 47.07 ng

RT: 8.33 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MS

Tgt Ion:128 Resp: 2440408

Ion Ratio Lower Upper

128 100

129 11.5 9.7 14.5

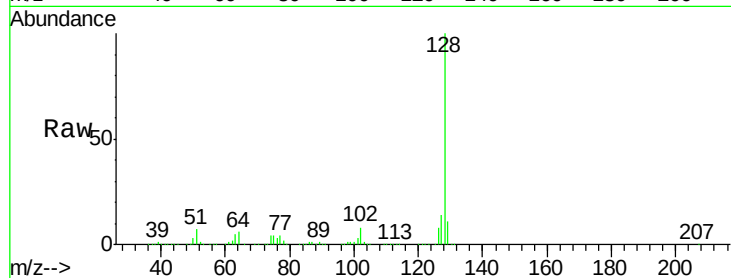
127 13.7 11.7 17.5

Manual Integrations

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Abundance Ion 128.00 (127.70 to 128.70): E

2500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

2000000

1500000

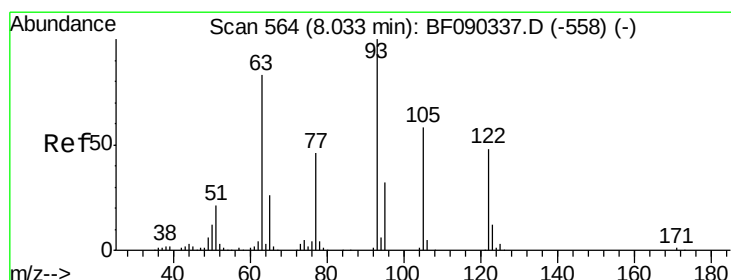
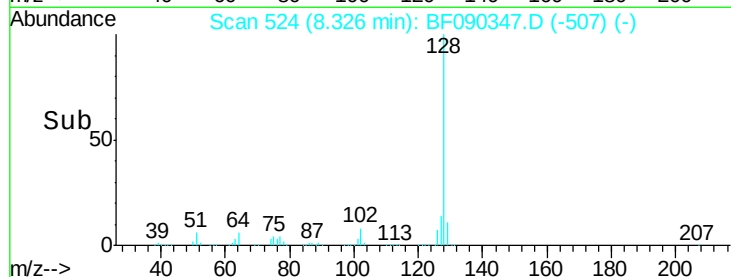
1000000

500000

0

8.25 8.30 8.35

Time-->



#32

Benzoic acid

Concen: 37.25 ng

RT: 8.04 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

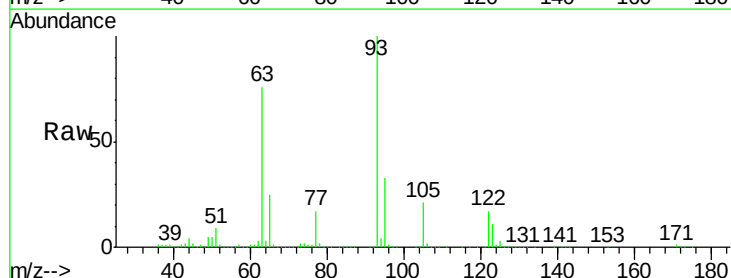
Tgt Ion:122 Resp: 399453

Ion Ratio Lower Upper

122 100

105 122.6 103.9 143.9

77 98.5 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

600000

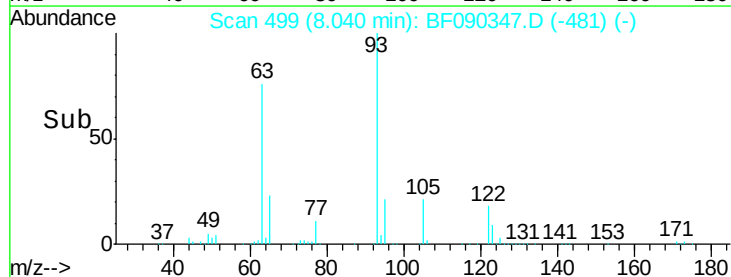
400000

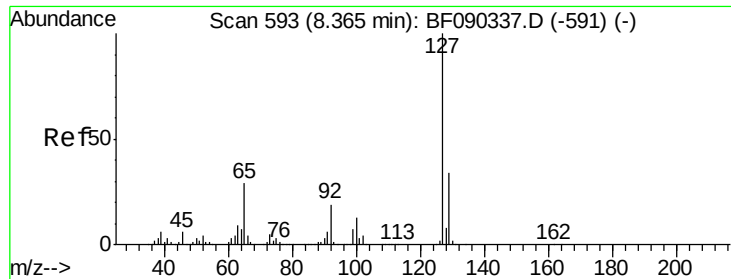
200000

0

7.90 8.00 8.10

Time-->





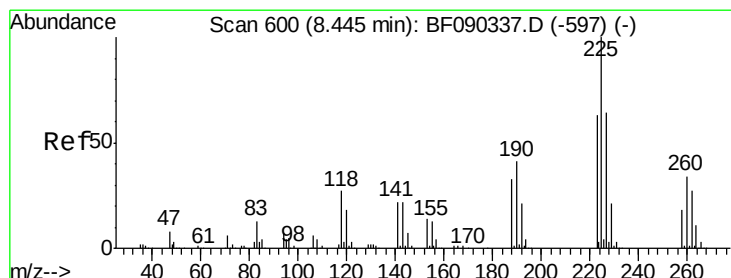
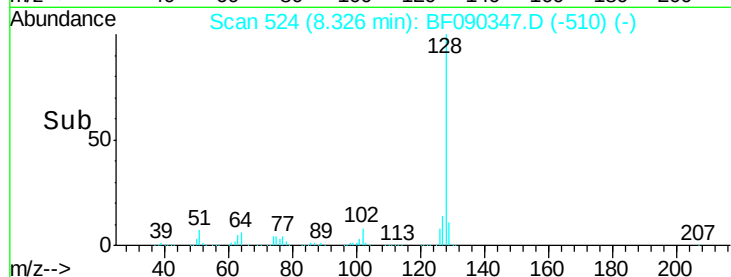
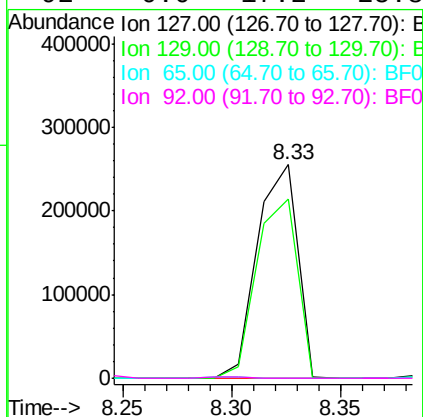
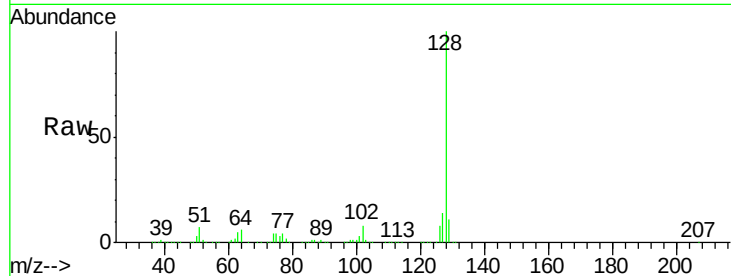
#33
4-Chloroaniline
Concen: 16.02 ng
RT: 8.33 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	331871		
129	83.8	26.2	39.4#	
65	0.0	32.5	48.7#	
92	0.0	17.2	25.8#	

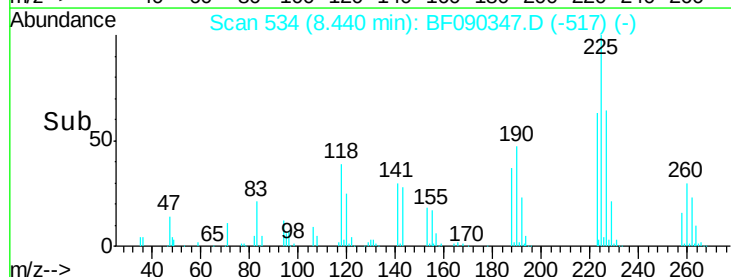
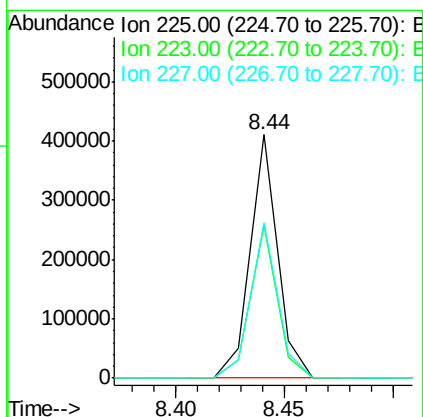
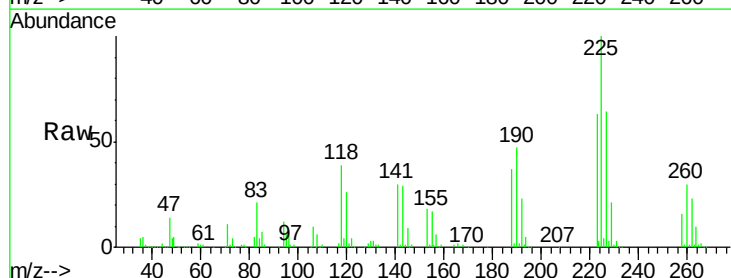
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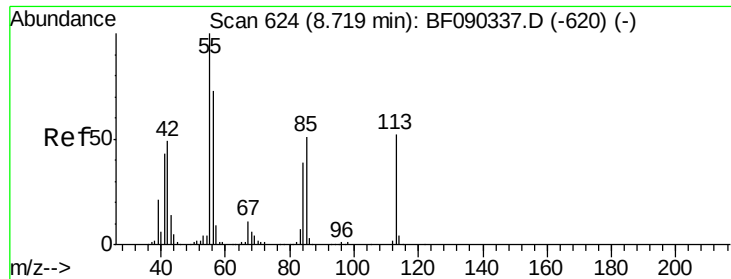
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#34
Hexachlorobutadiene
Concen: 38.51 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	359497		
223	62.9	51.0	76.4	
227	63.8	50.8	76.2	





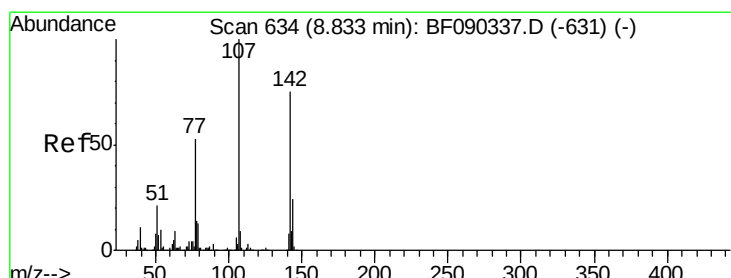
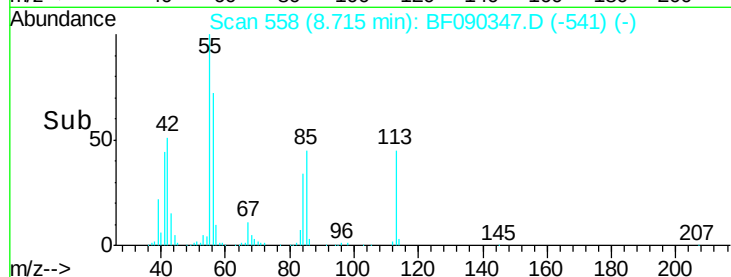
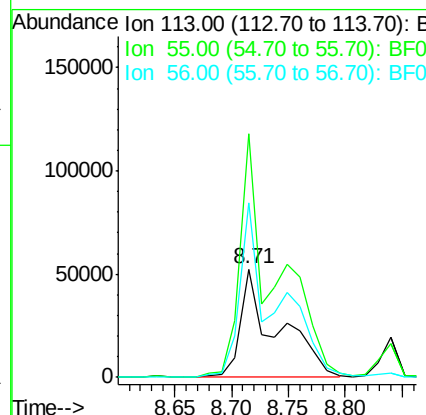
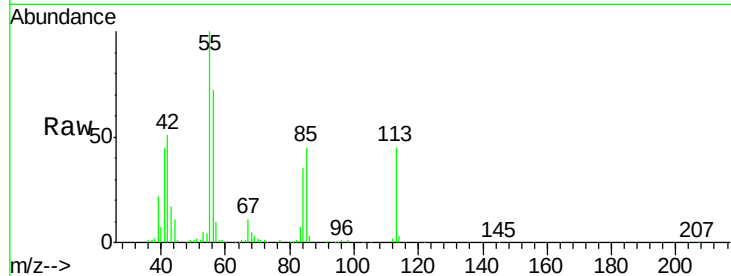
#35
 Caprolactam
 Concen: 31.66 ng m
 RT: 8.71 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

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

Tgt Ion:113 Resp: 117264
 Ion Ratio Lower Upper
 113 100
 55 224.5 203.3 243.3
 56 161.1 140.5 180.5

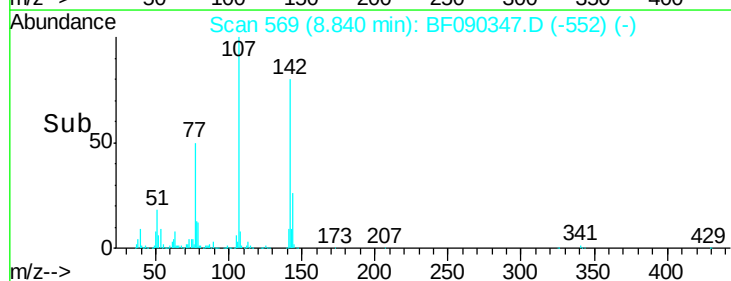
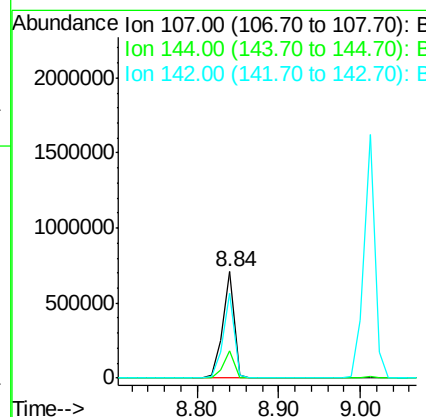
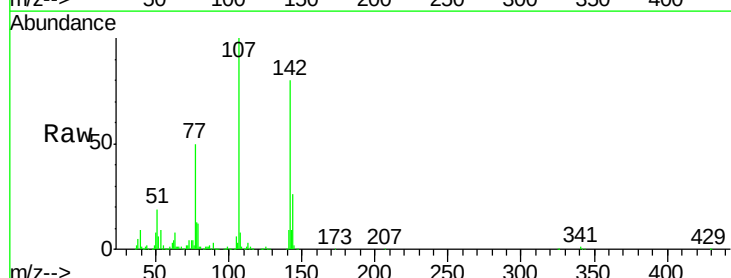
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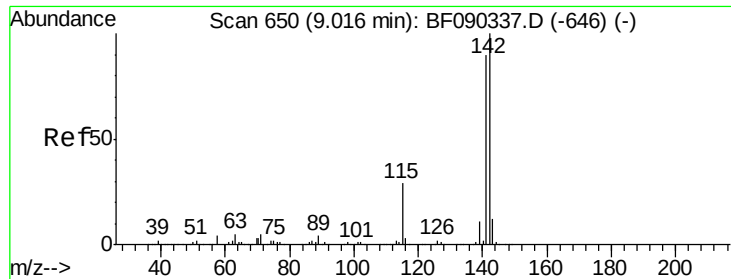
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#36
 4-Chloro-3-methylphenol
 Concen: 45.48 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

Tgt Ion:107 Resp: 691577
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.8 29.8
 142 79.9 60.7 91.1





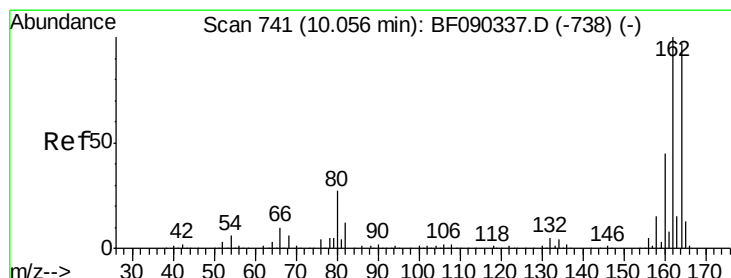
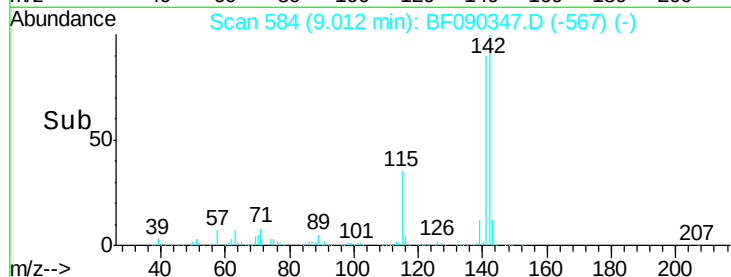
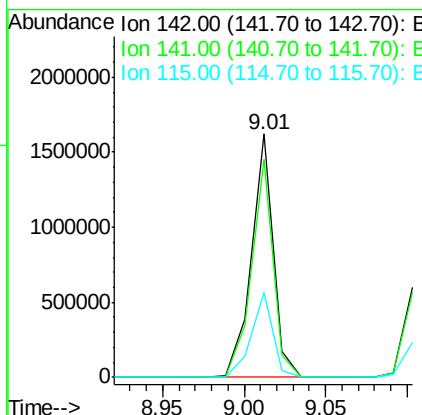
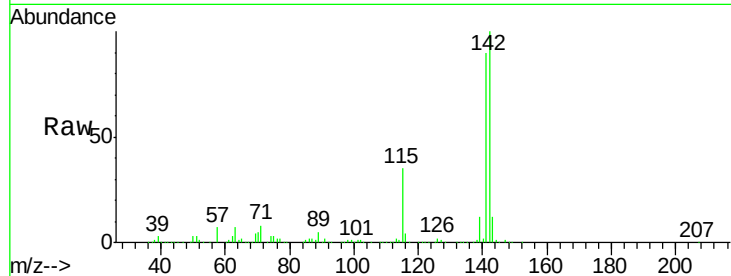
#37
2-Methylnaphthalene
Concen: 46.17 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion:142 Resp: 1502090
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.8
115 34.7 28.8 43.2

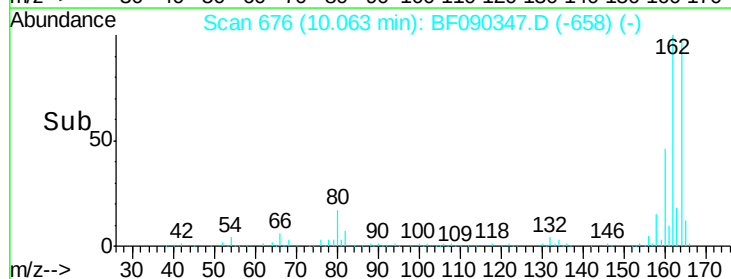
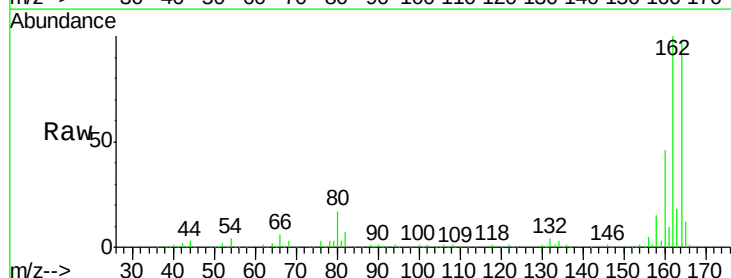
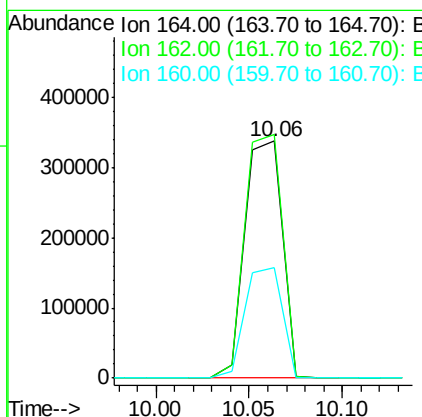
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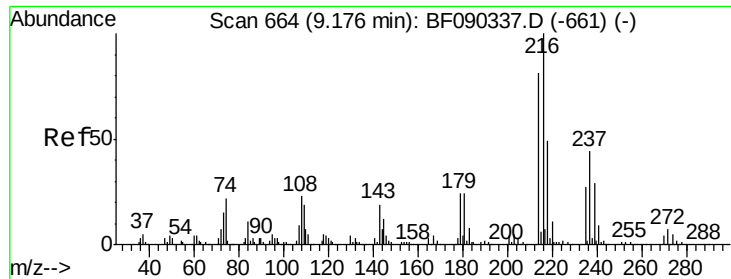
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

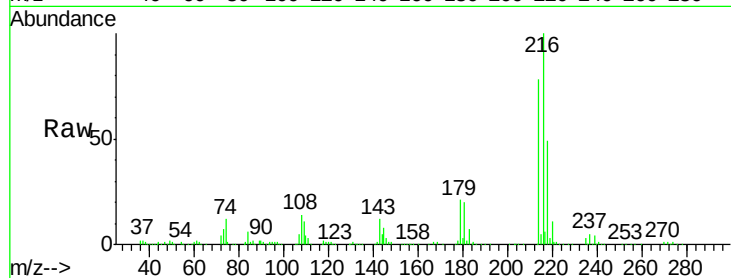
Tgt Ion:164 Resp: 470333
Ion Ratio Lower Upper
164 100
162 102.7 80.1 120.1
160 46.8 36.3 54.5





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.21 ng
 RT: 9.18 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

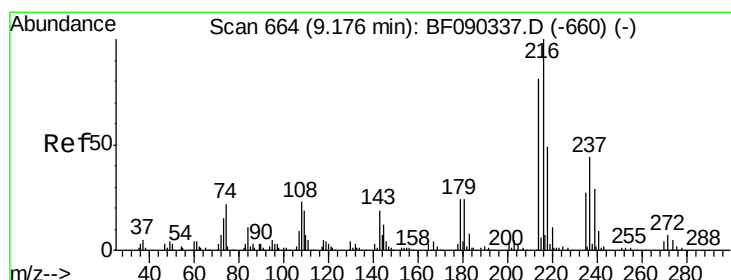
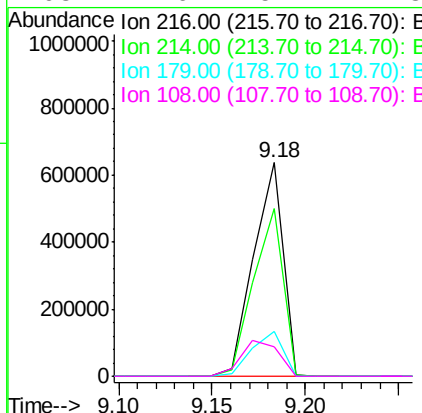
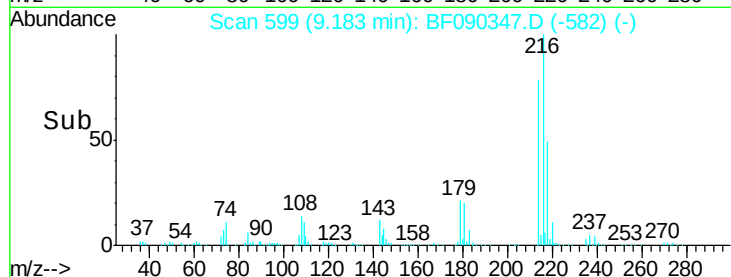
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-3-6MS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	693207		
214	79.1	64.2	96.2	
179	22.6	18.0	27.0	
108	21.6	15.2	22.8	

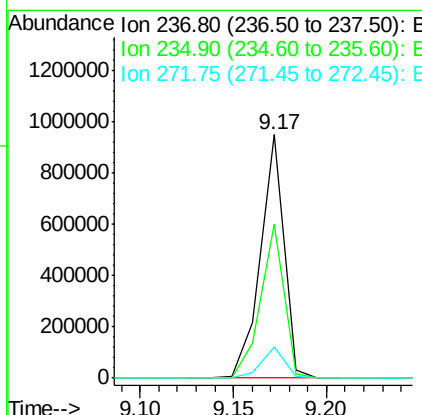
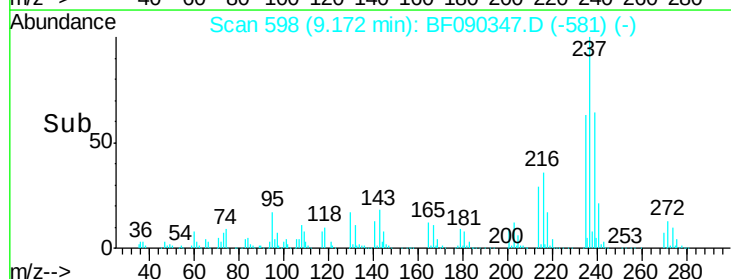
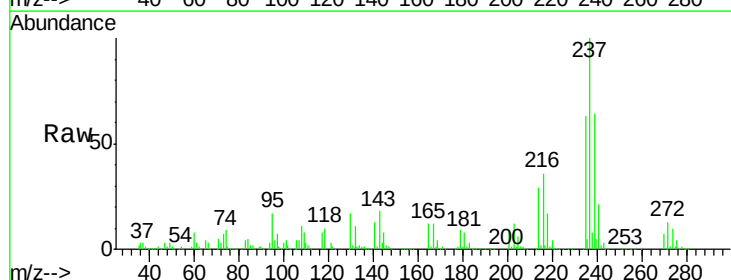
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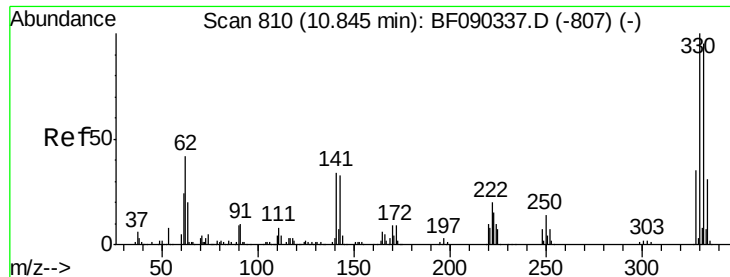
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#40
 Hexachlorocyclopentadiene
 Concen: 91.88 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	826365		
235	63.5	43.6	83.6	
272	12.9	0.0	32.7	





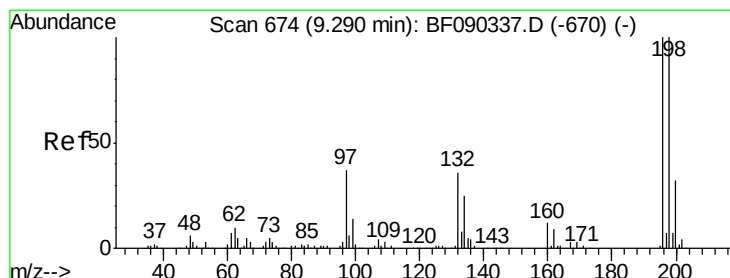
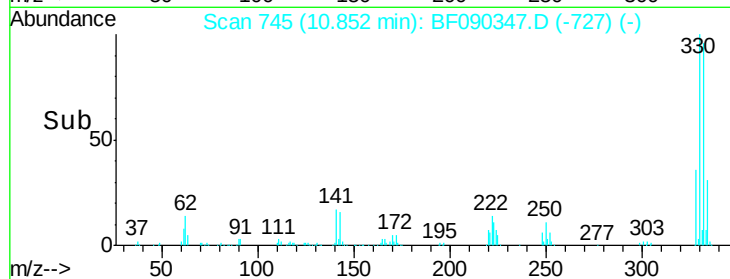
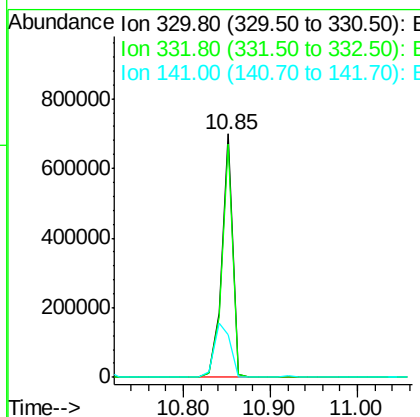
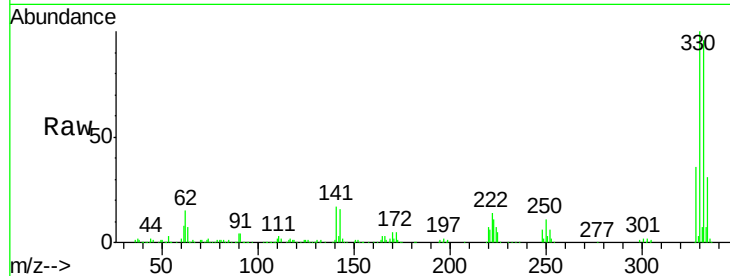
#41
 2,4,6-Tribromophenol
 Concen: 152.76 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	624019		
332	95.3	75.4	113.0	
141	32.5	26.9	40.3	

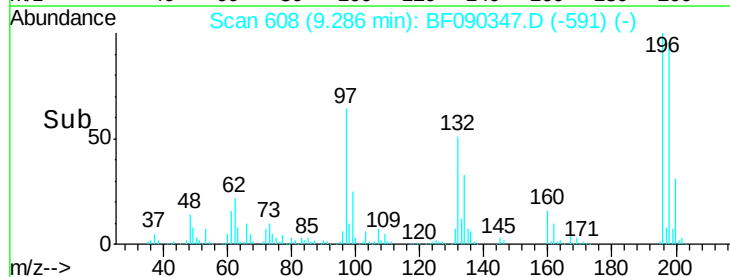
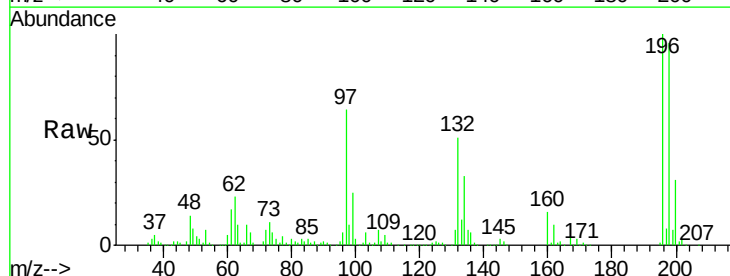
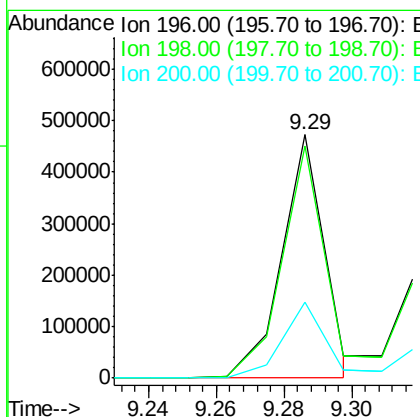
Manual Integrations
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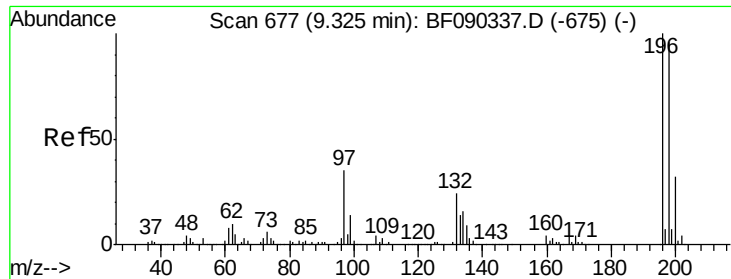
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#42
 2,4,6-Trichlorophenol
 Concen: 49.57 ng m
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	414020		
198	95.6	78.9	118.3	
200	31.1	25.4	38.2	





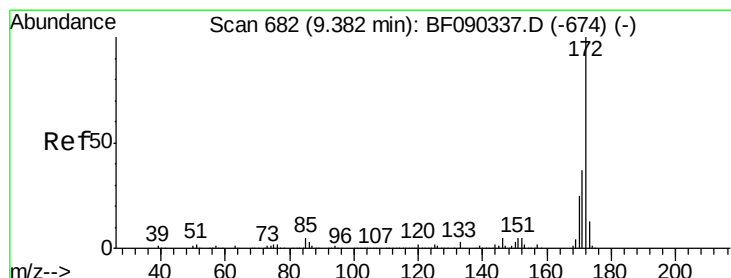
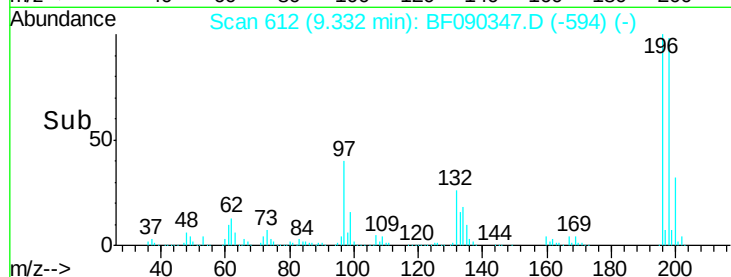
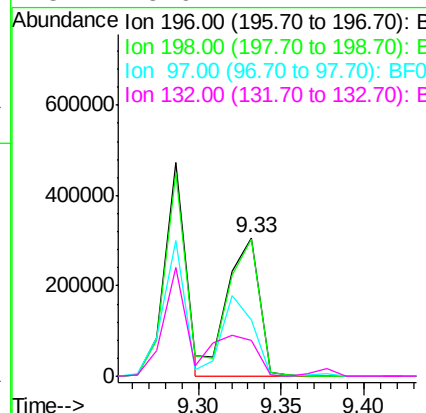
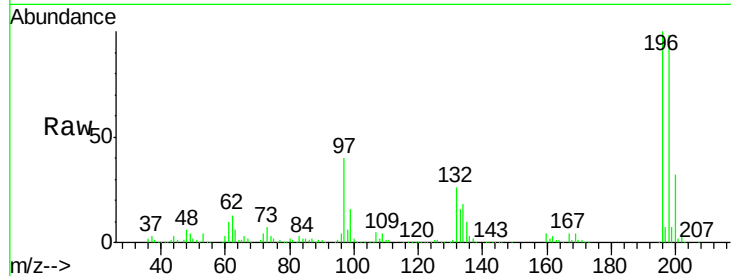
#43
2,4,5-Trichlorophenol
Concen: 48.82 ng m
RT: 9.33 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	410276		
198	98.3	78.1	117.1	
97	40.4	48.1	72.1	#
132	25.9	27.4	41.2	#

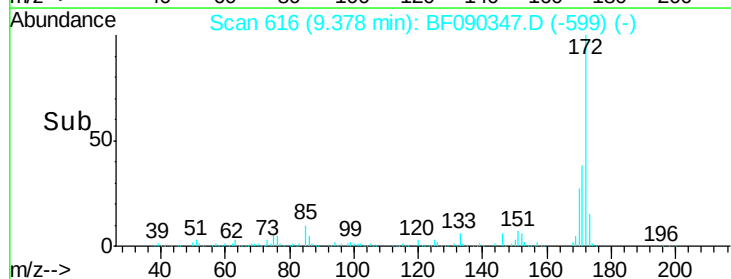
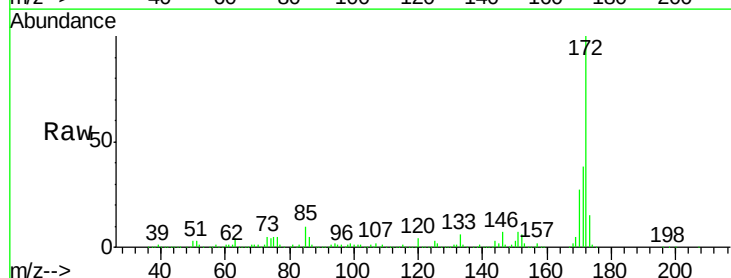
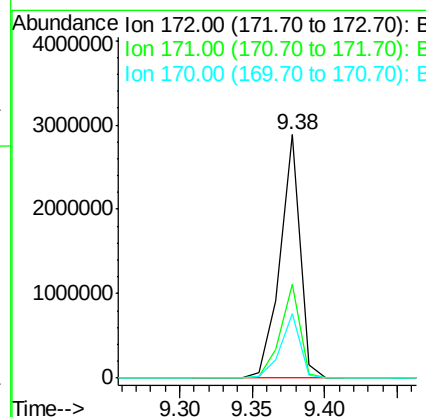
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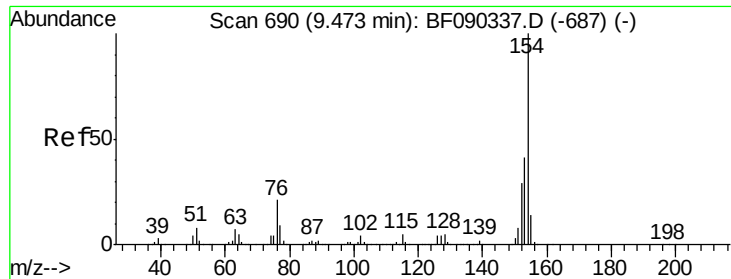
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#44
2-Fluorobiphenyl
Concen: 95.85 ng
RT: 9.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2765149		
171	38.5	31.8	47.8	
170	26.6	21.7	32.5	





#45

1,1'-Biphenyl

Concen: 50.95 ng

RT: 9.48 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MS

Tgt Ion:154 Resp: 1855122

Ion Ratio Lower Upper

154 100

153 41.9 23.8 63.8

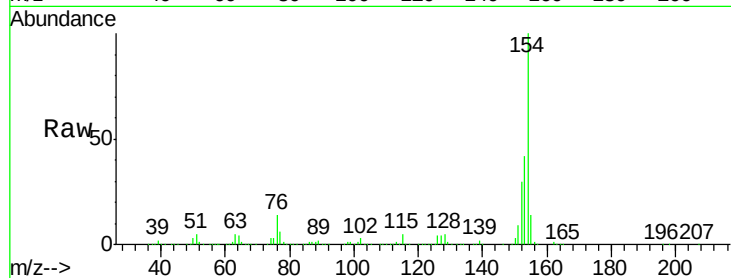
76 14.4 0.0 35.8

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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

2500000

2000000

1500000

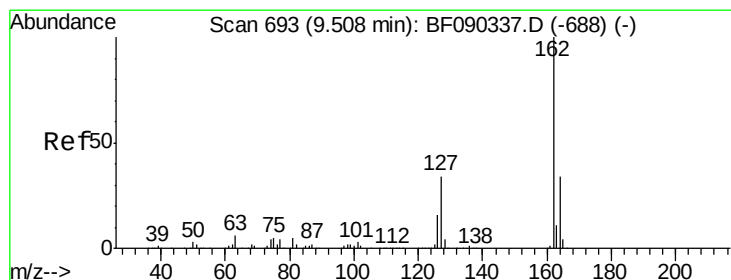
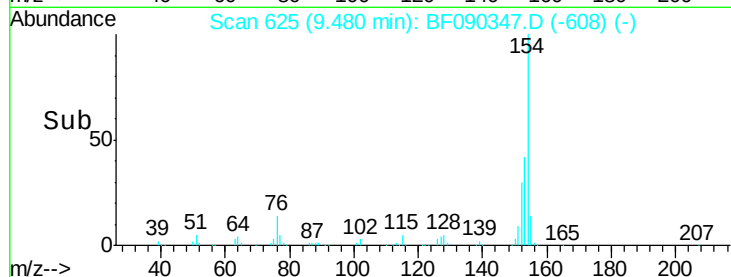
1000000

500000

0

9.40 9.45 9.50

Time-->



#46

2-Chloronaphthalene

Concen: 50.98 ng

RT: 9.50 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

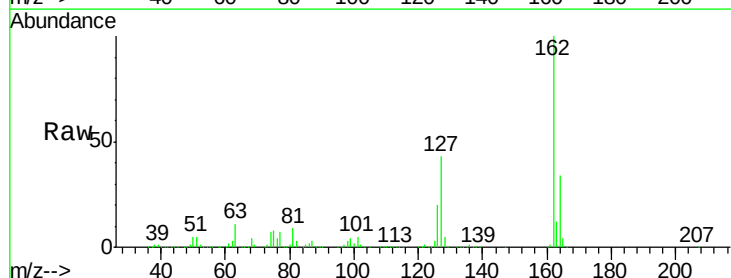
Tgt Ion:162 Resp: 1393508

Ion Ratio Lower Upper

162 100

127 43.1 35.6 53.4

164 33.8 27.5 41.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

2000000

1500000

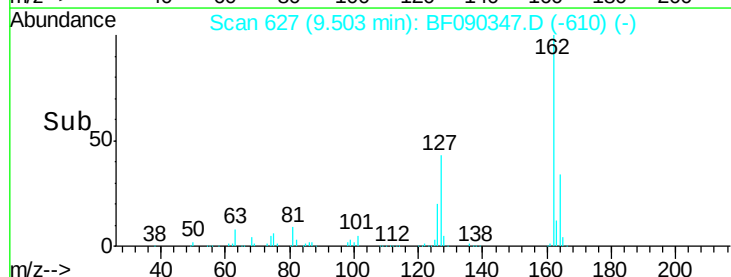
1000000

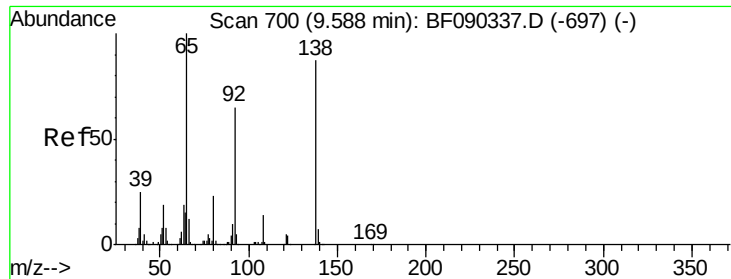
500000

0

9.45 9.50 9.55

Time-->





#47

2-Nitroaniline

Concen: 33.19 ng

RT: 9.59 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

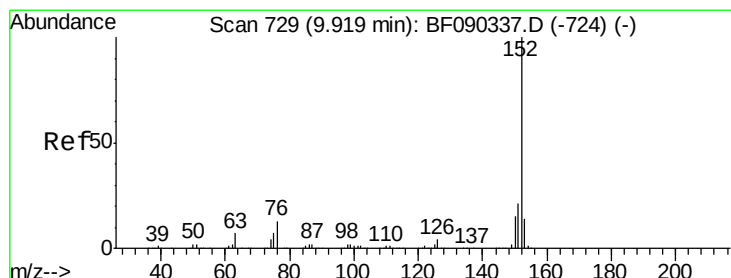
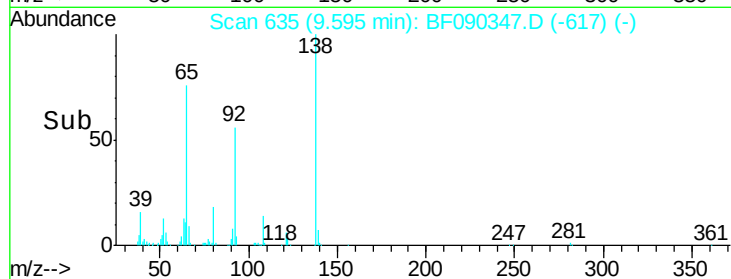
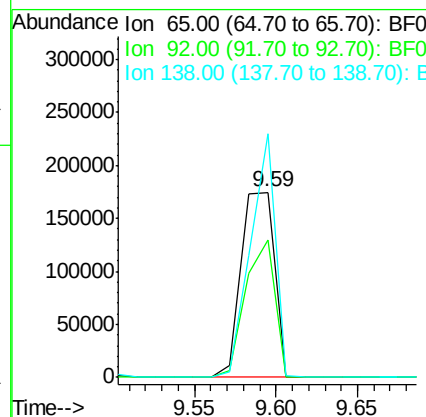
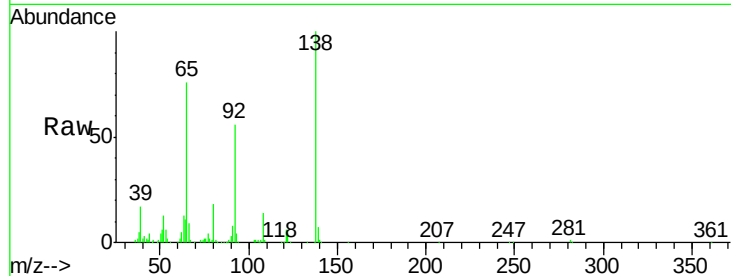
ClientSampleId :

SUP-B044-3-6MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	51.7	77.5
138	131.4	79.0	118.4

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#48

Acenaphthylene

Concen: 45.02 ng

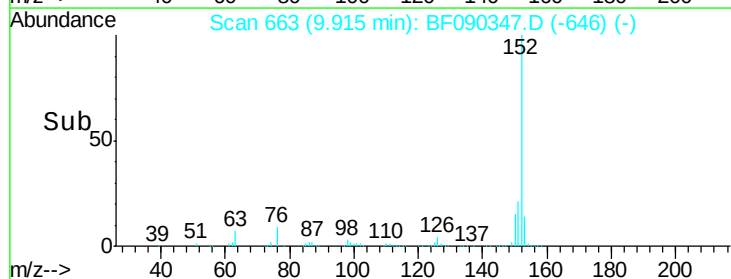
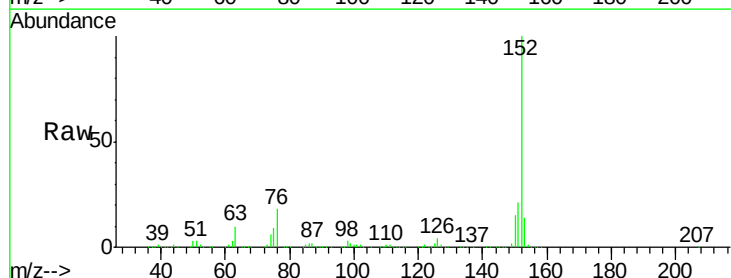
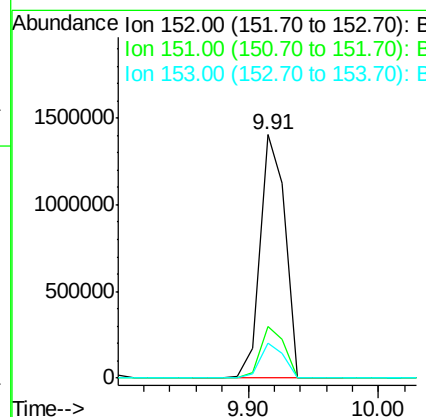
RT: 9.91 min Scan# 663

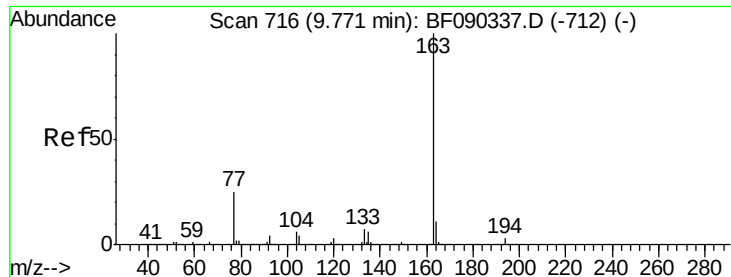
Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.4	26.0
153	14.4	11.6	17.4





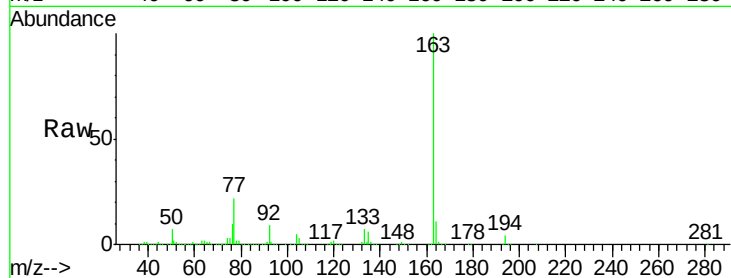
#49
Dimethylphthalate
Concen: 53.64 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

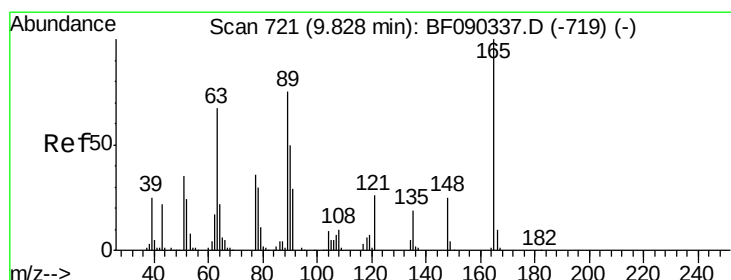
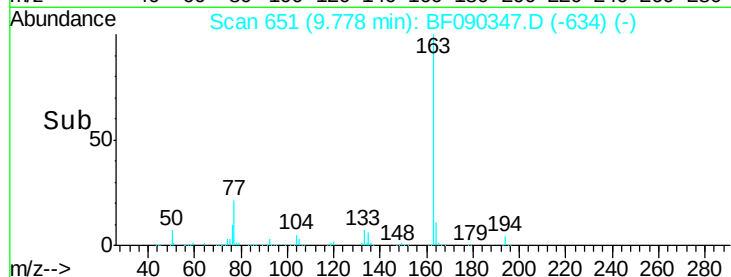
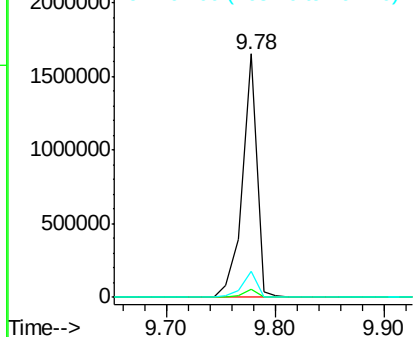
Tgt Ion:163 Resp: 1493549
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.6 9.0 13.4

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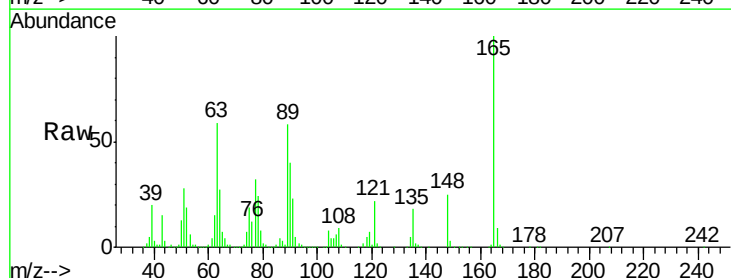


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

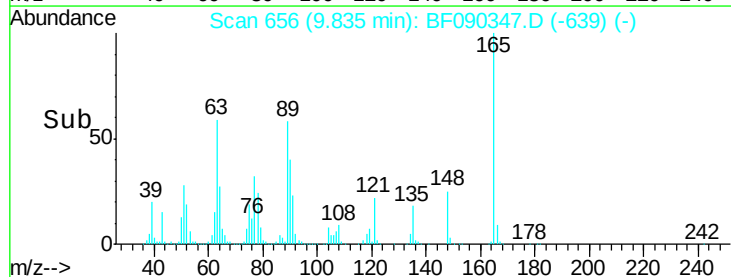
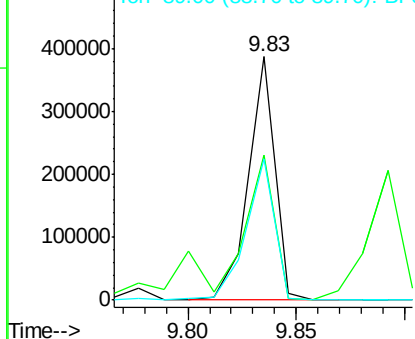


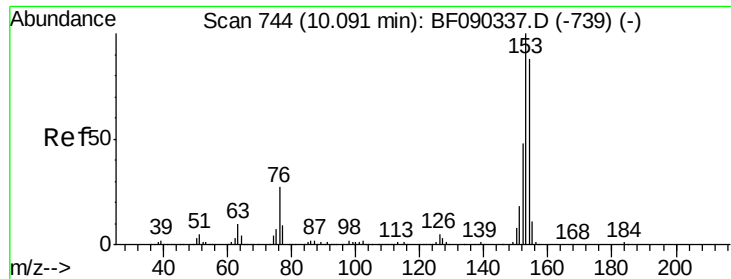
#50
2,6-Dinitrotoluene
Concen: 53.65 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion:165 Resp: 326755
Ion Ratio Lower Upper
165 100
63 59.3 58.0 87.0
89 58.2 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: 56.34 ng

RT: 10.10 min Scan# 679

Delta R.T. 0.01 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MS

Tgt Ion:154 Resp: 1417633

Ion Ratio Lower Upper

154 100

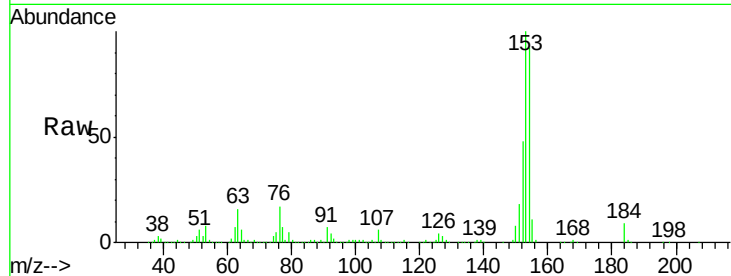
153 108.3 88.6 133.0

152 51.6 42.6 64.0

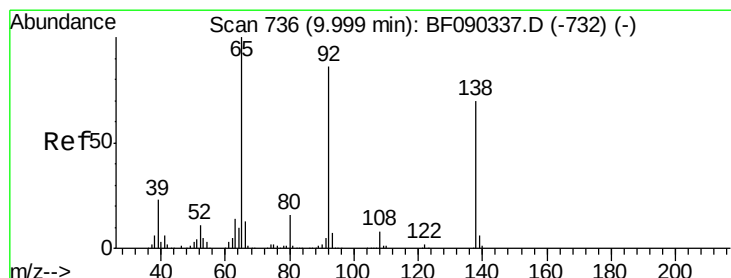
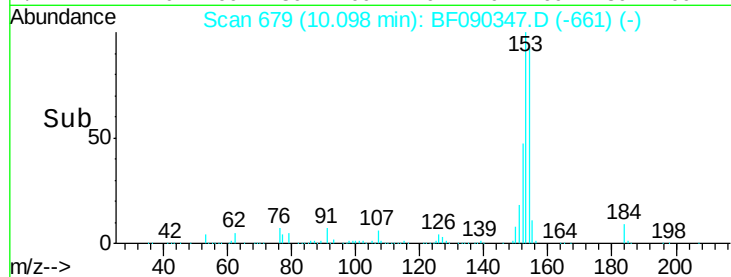
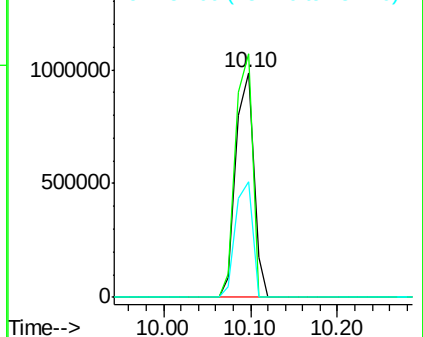
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.32 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

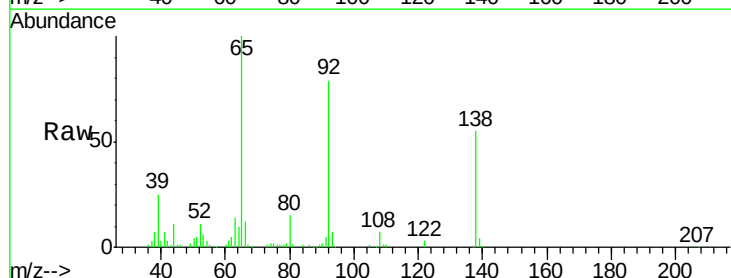
Tgt Ion:138 Resp: 50515

Ion Ratio Lower Upper

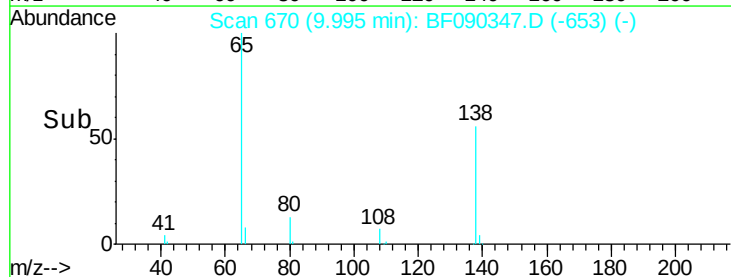
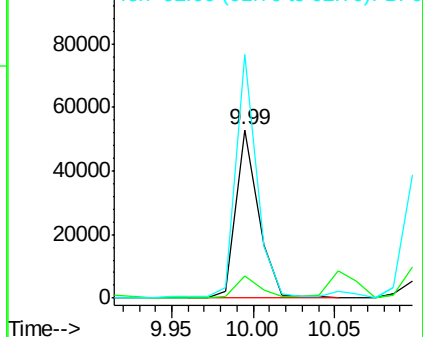
138 100

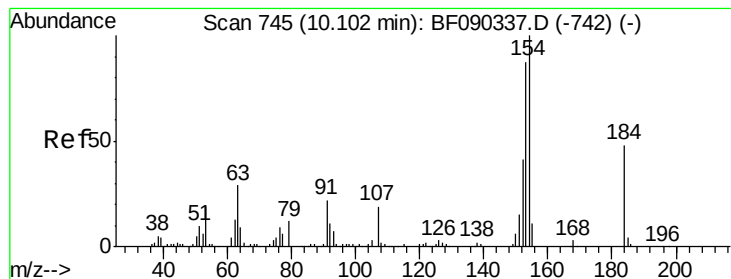
108 13.5 9.7 14.5

92 144.6 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: 124.86 ng

RT: 10.11 min Scan# 680

Delta R.T. 0.01 min

Lab File: BF090347.D

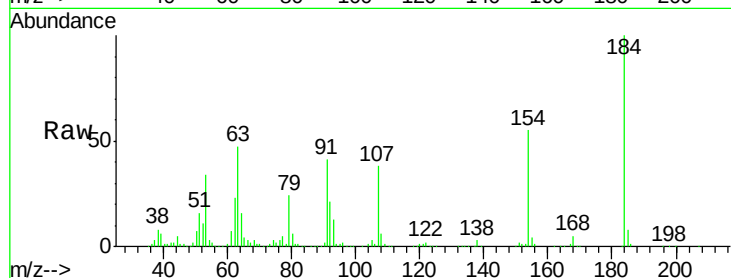
Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MS



Tgt Ion:184 Resp: 294870

Ion Ratio Lower Upper

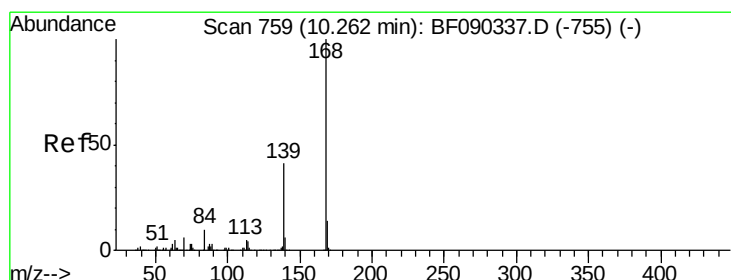
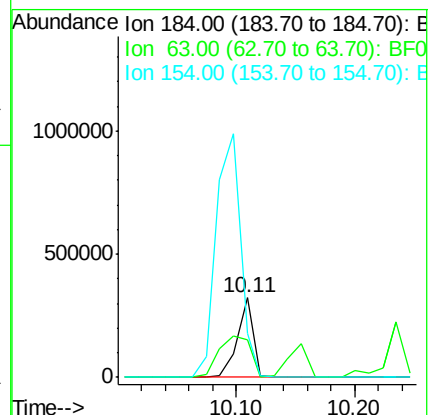
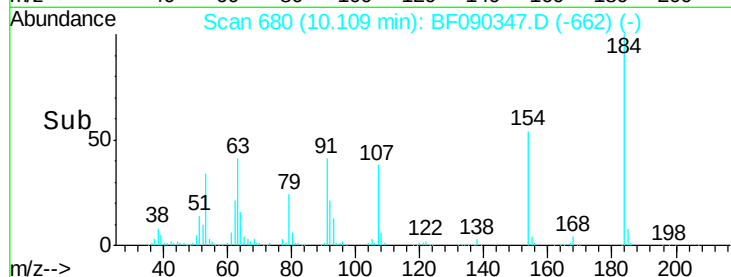
184 100

63 47.4 41.9 62.9

154 54.9 48.9 73.3

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#54

Dibenzofuran

Concen: 55.89 ng

RT: 10.27 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

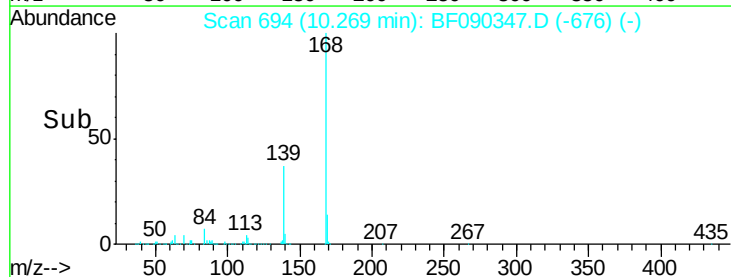
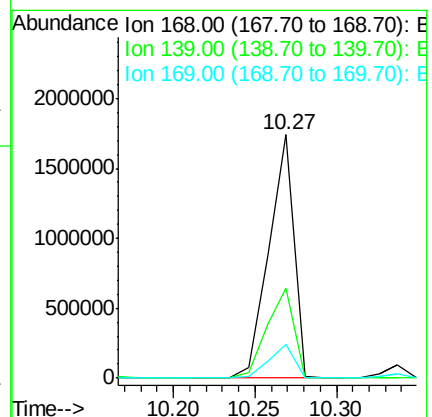
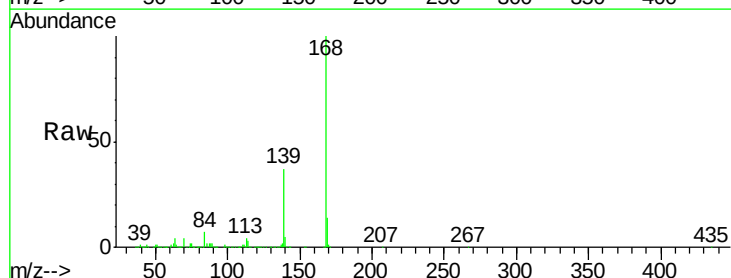
Tgt Ion:168 Resp: 1859567

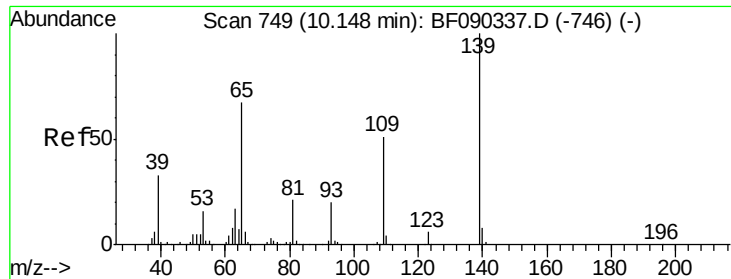
Ion Ratio Lower Upper

168 100

139 36.7 29.6 44.4

169 13.7 11.3 16.9





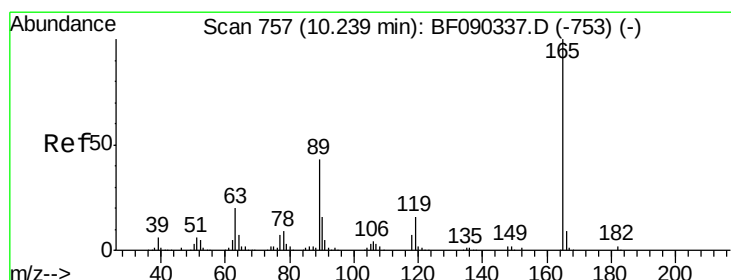
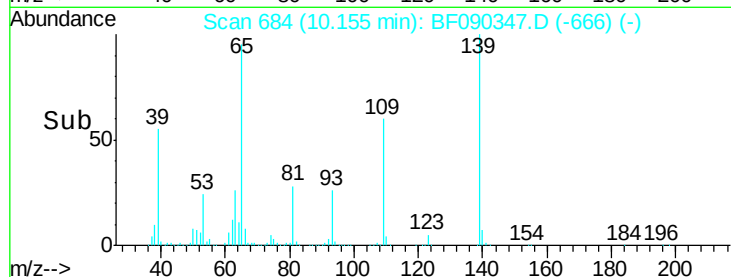
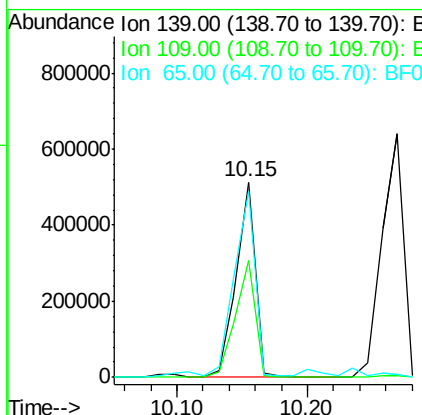
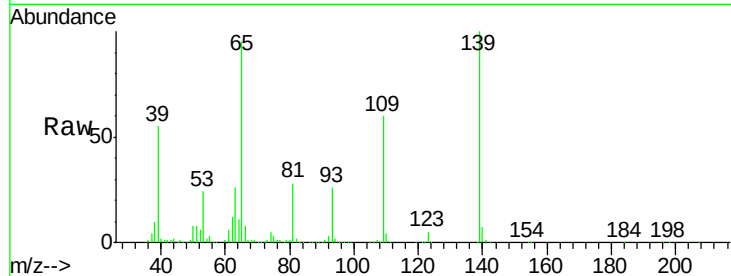
#55
4-Nitrophenol
Concen: 93.91 ng
RT: 10.15 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	515890		
109	59.5	43.6	83.6	
65	95.1	87.5	127.5	

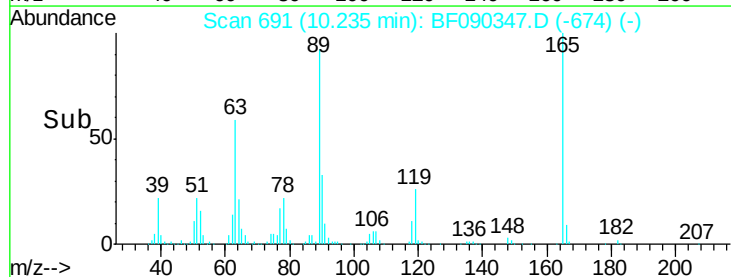
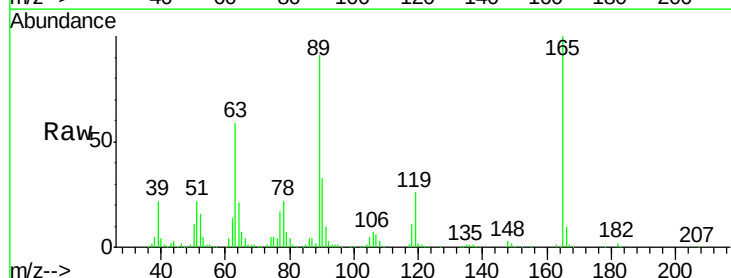
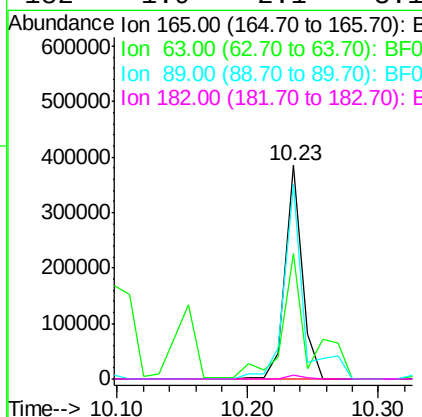
Manual Integrations
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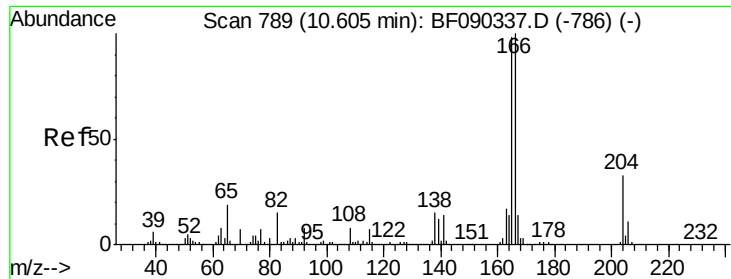
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#56
2,4-Dinitrotoluene
Concen: 48.51 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	355610		
63	59.0	17.8	26.6#	
89	91.2	33.2	49.8#	
182	1.9	2.1	3.1#	





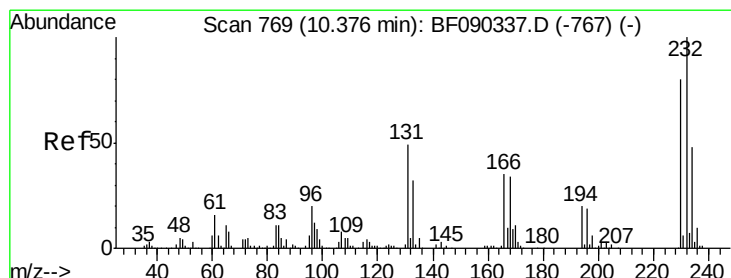
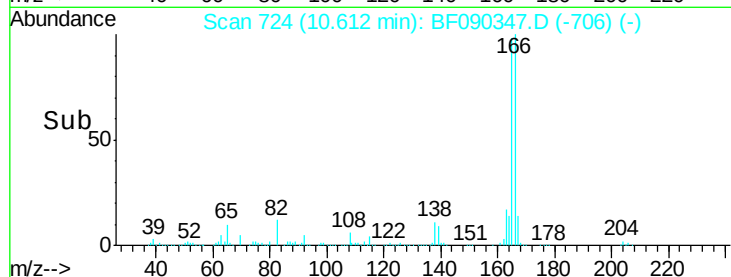
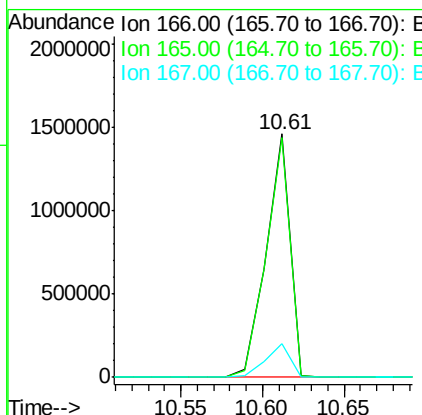
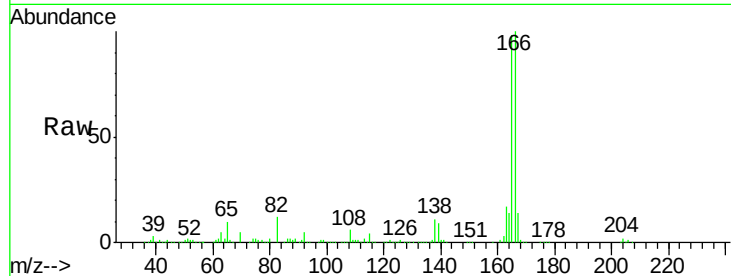
#57
 Fluorene
 Concen: 53.49 ng
 RT: 10.61 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.2	118.8
167	13.7	11.1	16.7

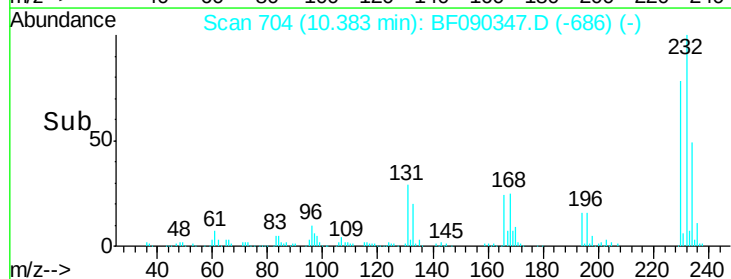
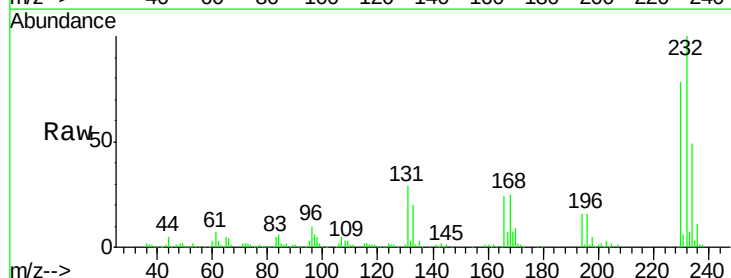
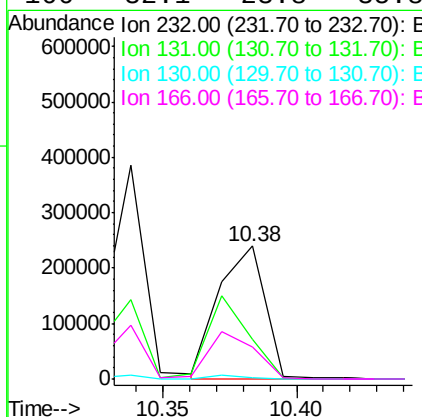
Manual Integrations
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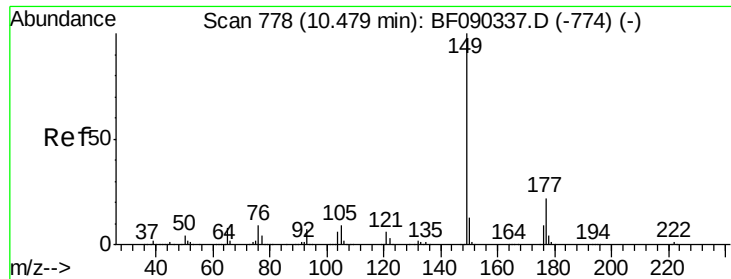
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.24 ng m
 RT: 10.38 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.3	34.5	51.7
130	2.6	1.6	2.4
166	32.1	23.8	35.8





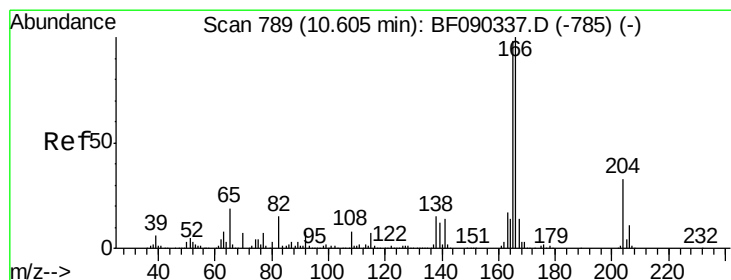
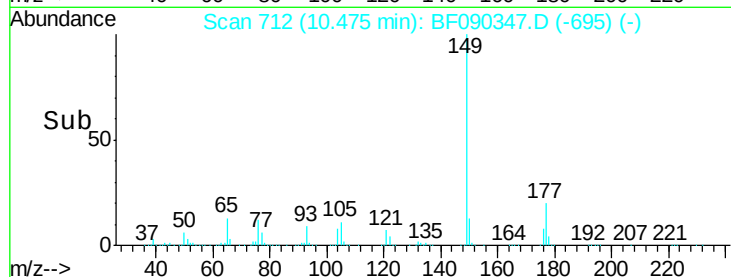
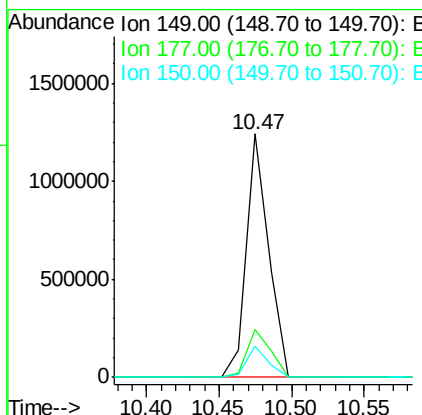
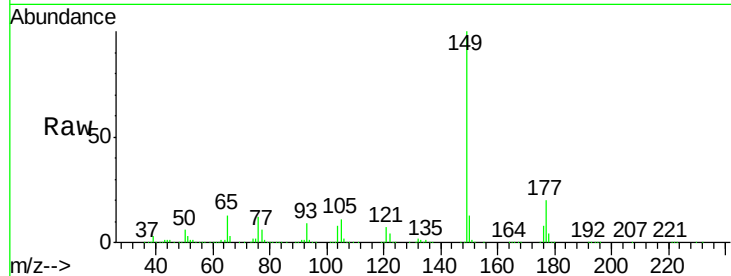
#59
Diethylphthalate
Concen: 46.10 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion:149 Resp: 1312079
Ion Ratio Lower Upper
149 100
177 19.8 21.1 31.7#
150 13.0 10.2 15.2

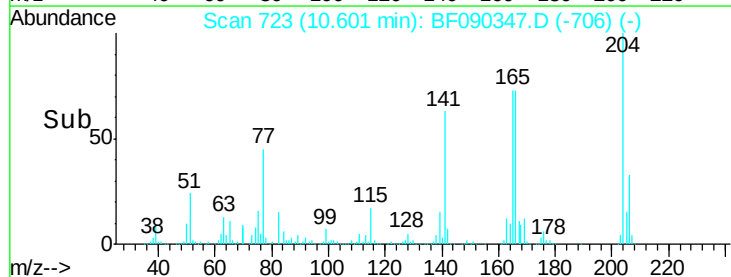
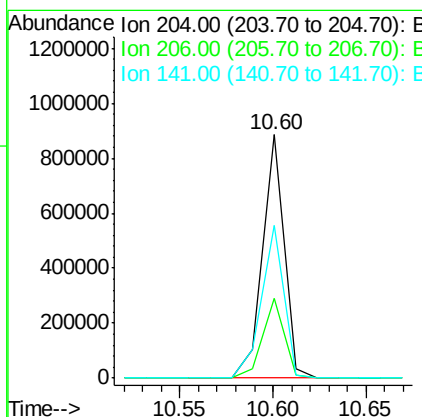
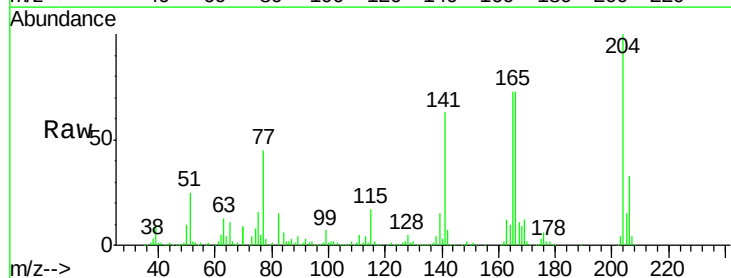
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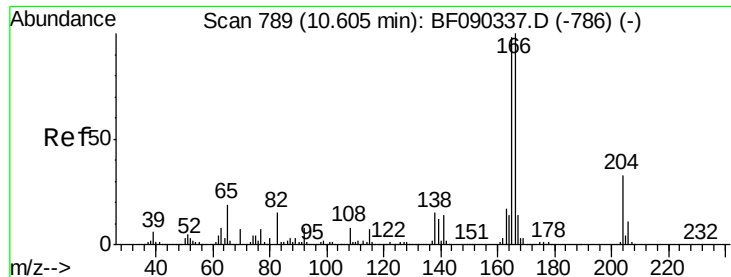
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#60
4-Chlorophenyl-phenylether
Concen: 53.20 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion:204 Resp: 702025
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 62.6 51.7 77.5





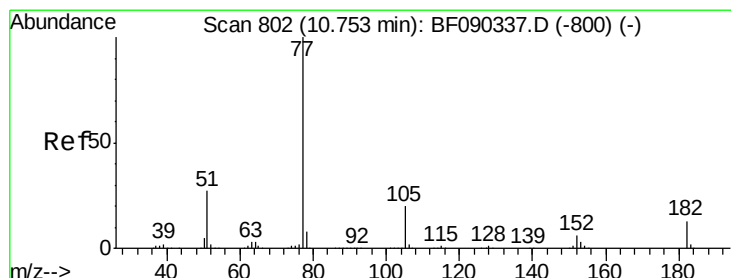
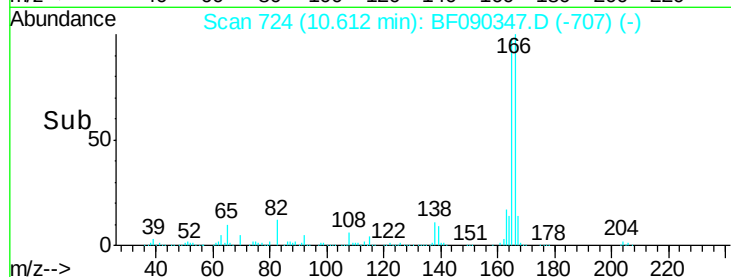
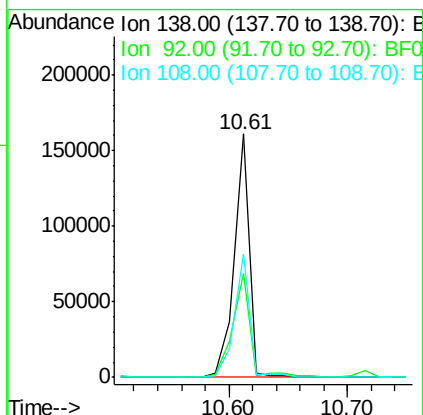
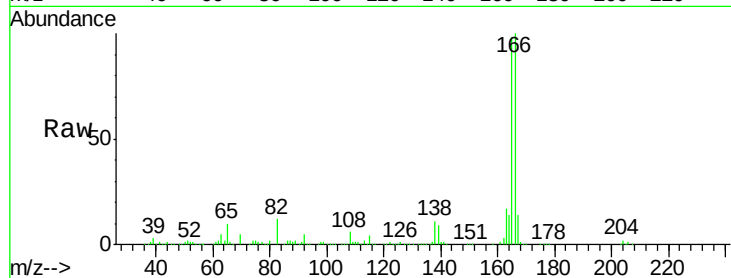
#61
4-Nitroaniline
Concen: 22.77 ng
RT: 10.61 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	141276		
92	42.8	33.2	73.2	
108	50.9	48.5	88.5	

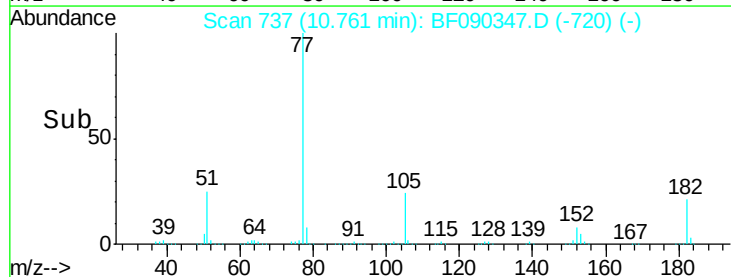
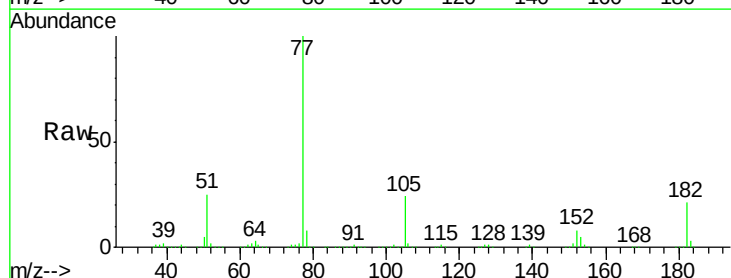
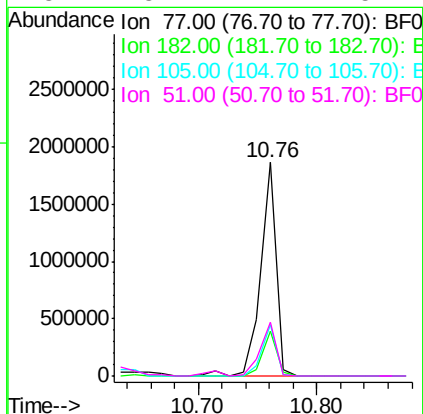
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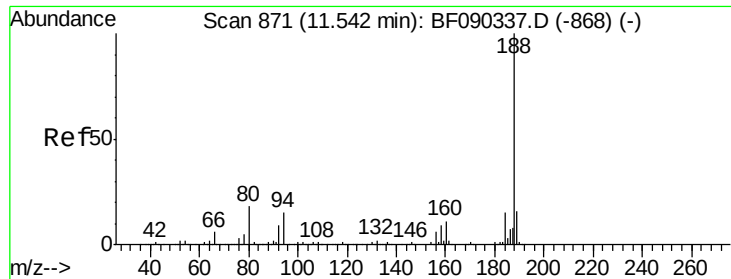
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#62
Azobenzene
Concen: 57.63 ng
RT: 10.76 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1709189		
182	21.2	3.2	43.2	
105	24.0	2.9	42.9	
51	25.1	14.2	54.2	





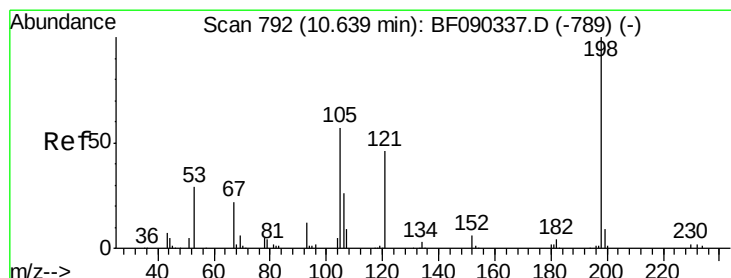
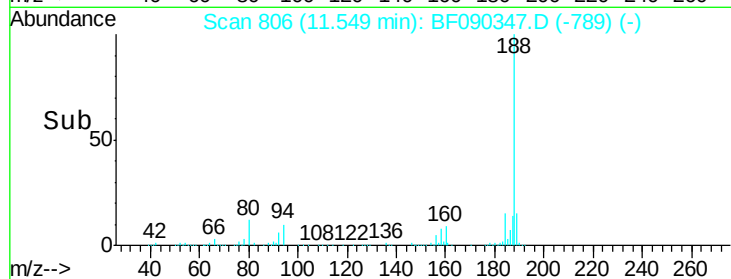
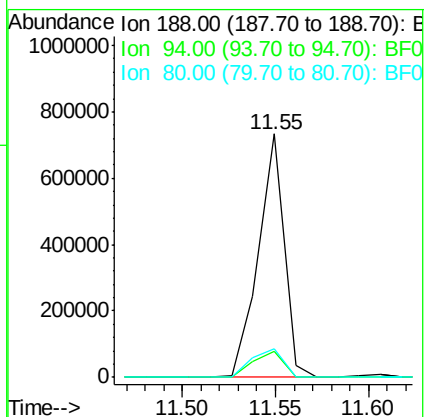
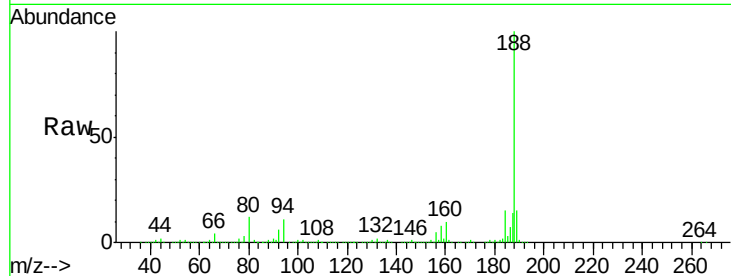
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	8.2	12.2
80	11.9	8.8	13.2

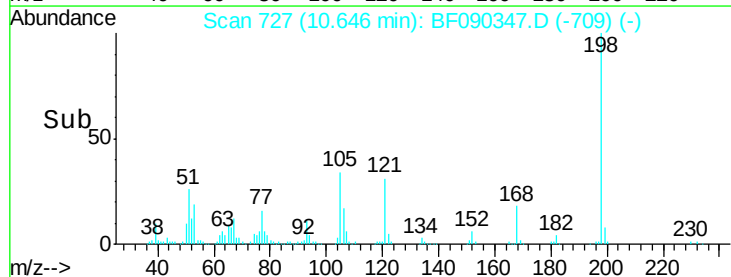
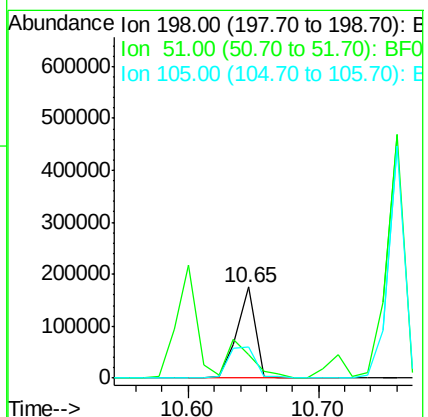
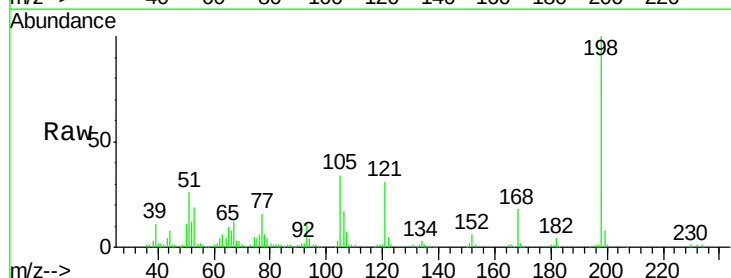
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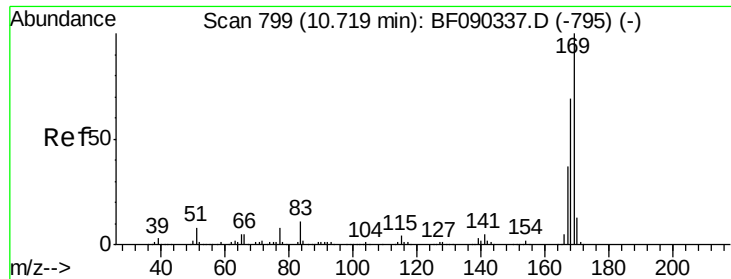
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#64
4,6-Dinitro-2-methylphenol
Concen: 52.21 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	26.1	67.3	107.3#
105	33.7	42.6	82.6#





#65

n-Nitrosodiphenylamine

Concen: 12.28 ng

RT: 10.71 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

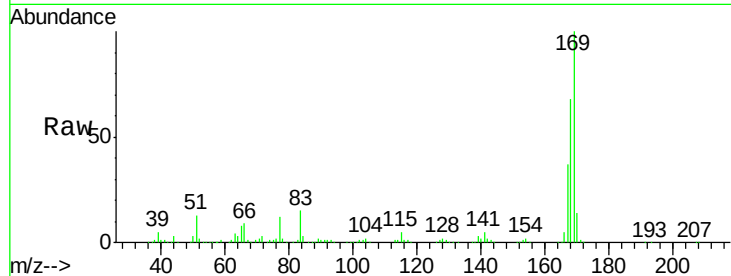
ClientSampleId :

SUP-B044-3-6MS

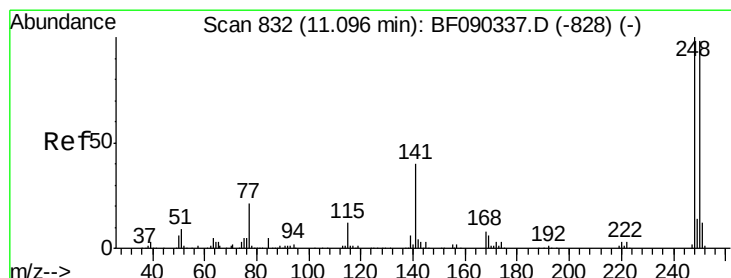
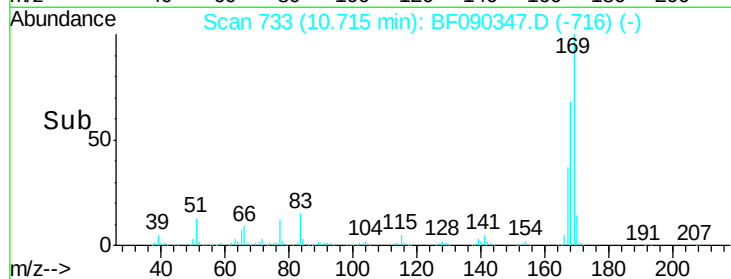
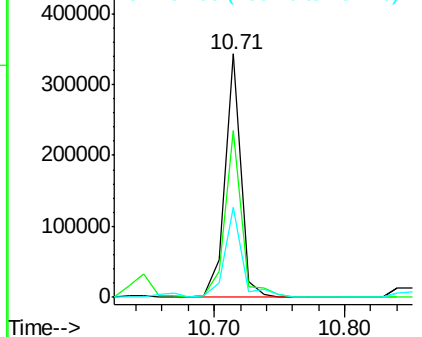
Tgt Ion:	169	Resp:	293246
Ion Ratio	Lower	Upper	
169	100		
168	68.3	53.8	80.6
167	36.9	29.8	44.8

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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: 49.69 ng

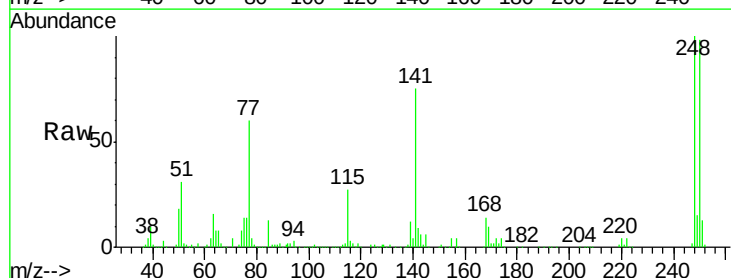
RT: 11.09 min Scan# 766

Delta R.T. -0.00 min

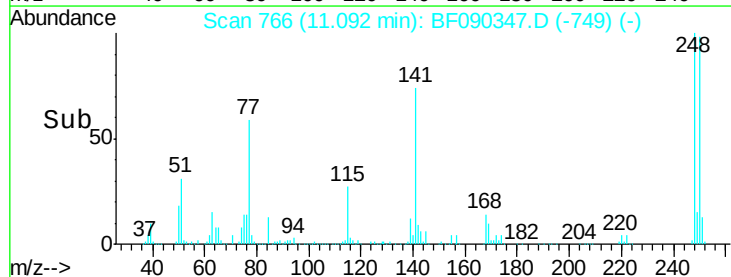
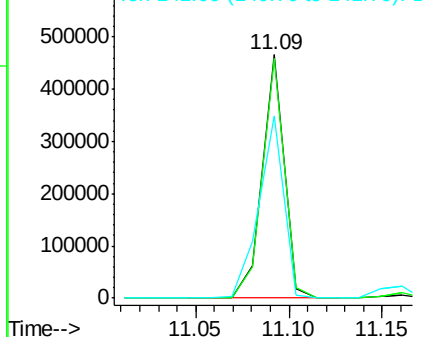
Lab File: BF090347.D

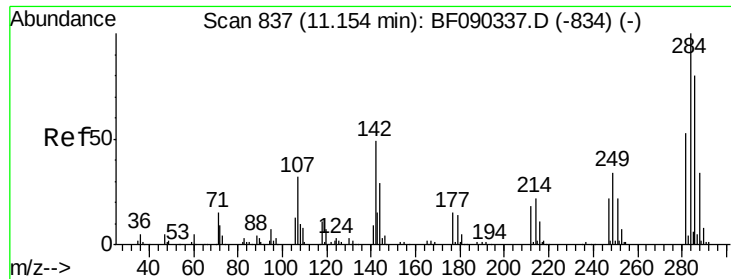
Acq: 4 Oct 2016 17:45

Tgt Ion:	248	Resp:	376165
Ion Ratio	Lower	Upper	
248	100		
250	98.4	76.5	114.7
141	74.6	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





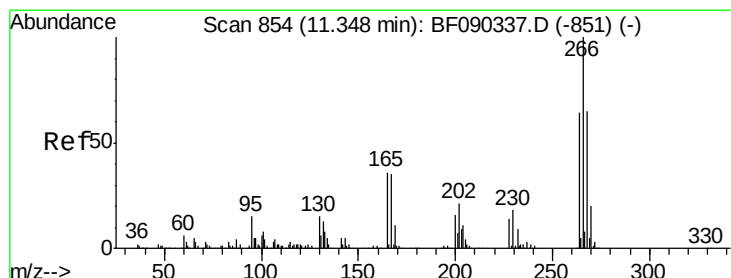
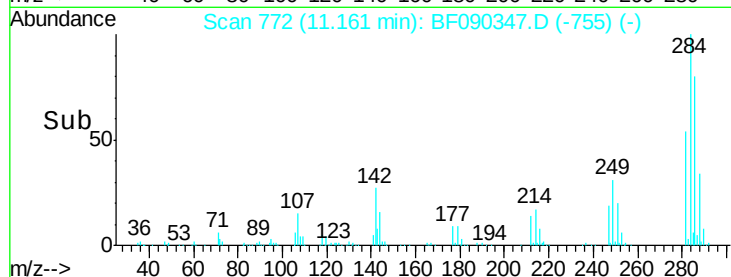
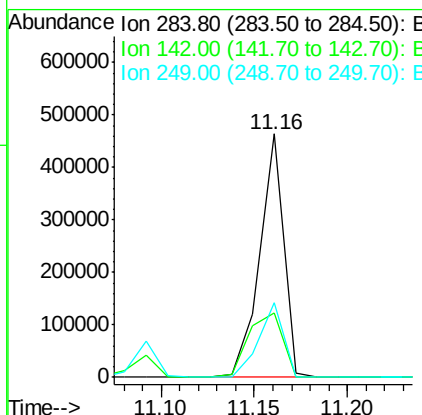
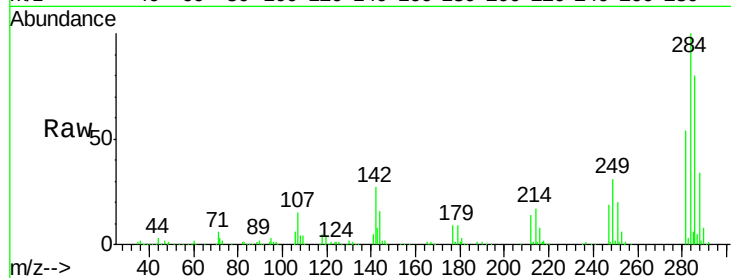
#67
Hexachlorobenzene
Concen: 45.94 ng
RT: 11.16 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	26.7	23.1	34.7
249	30.8	26.3	39.5

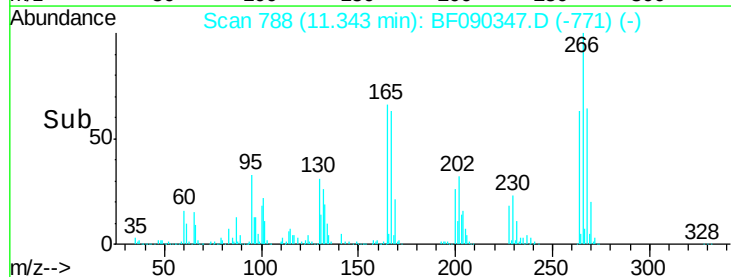
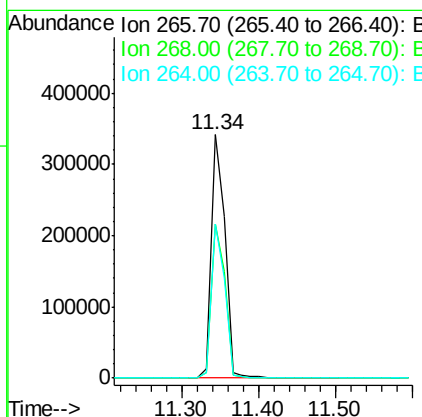
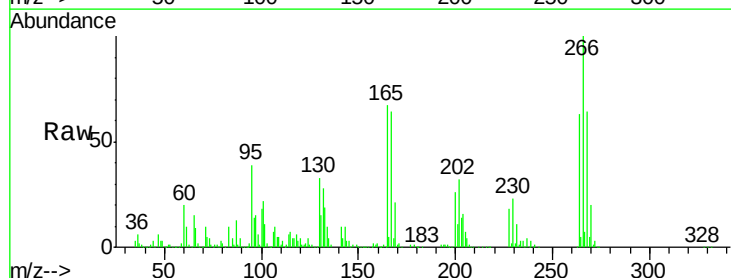
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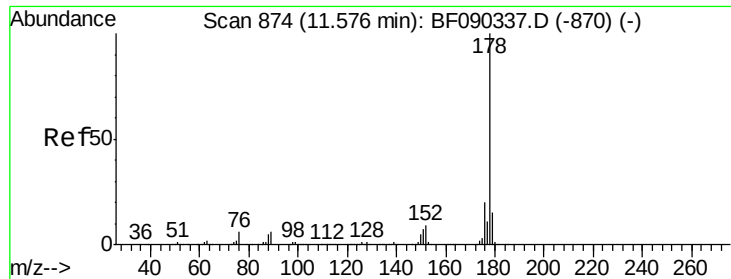
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#69
Pentachlorophenol
Concen: 83.18 ng
RT: 11.34 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	50.9	76.3
264	63.5	51.5	77.3





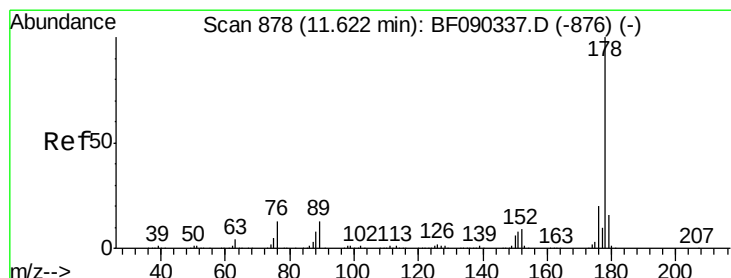
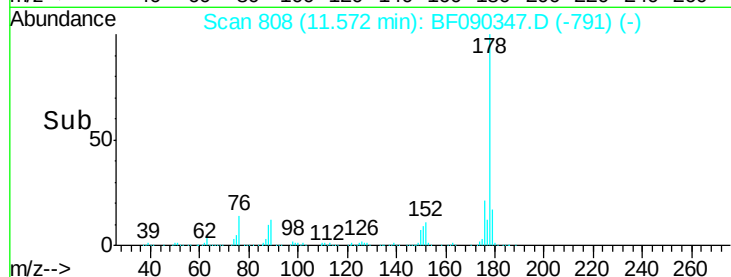
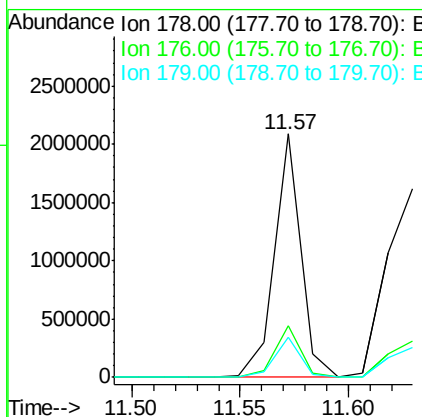
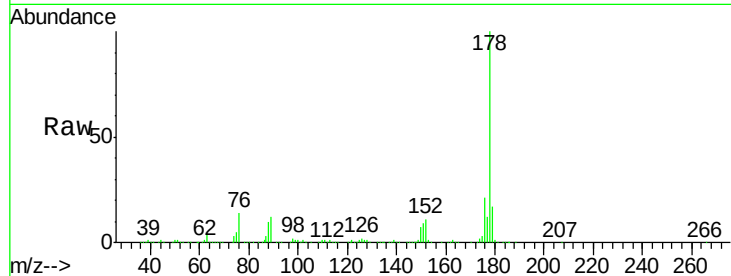
#70
Phenanthrene
Concen: 47.52 ng
RT: 11.57 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion:178 Resp: 1786101
Ion Ratio Lower Upper
178 100
176 20.9 17.3 25.9
179 16.5 13.8 20.6

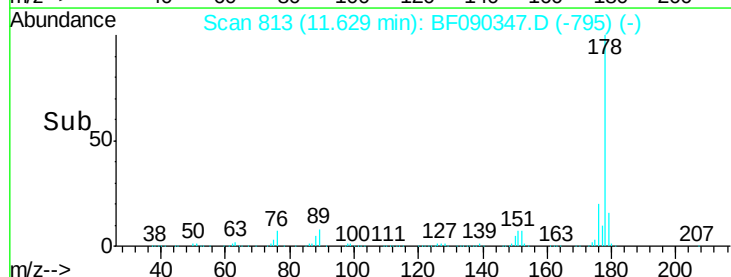
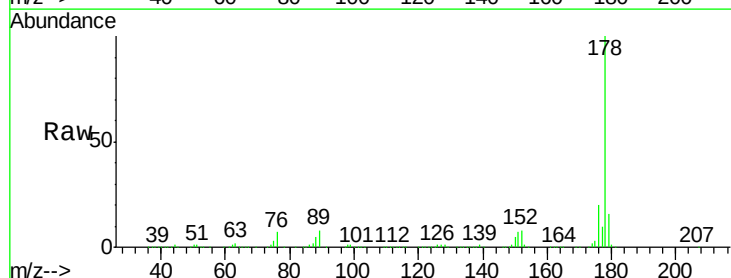
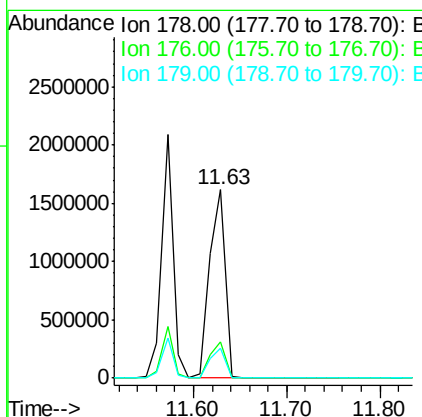
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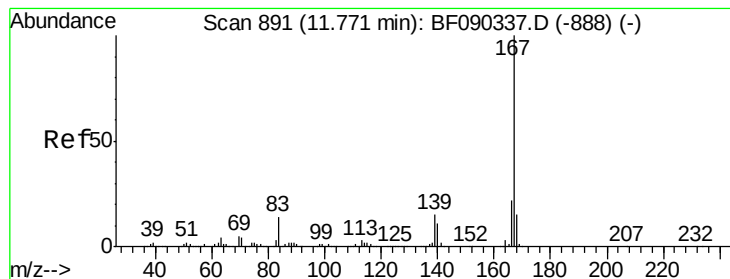
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#71
Anthracene
Concen: 50.05 ng
RT: 11.63 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion:178 Resp: 1877882
Ion Ratio Lower Upper
178 100
176 19.5 16.8 25.2
179 15.6 13.4 20.2





#72

Carbazole

Concen: 11.89 ng

RT: 11.77 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

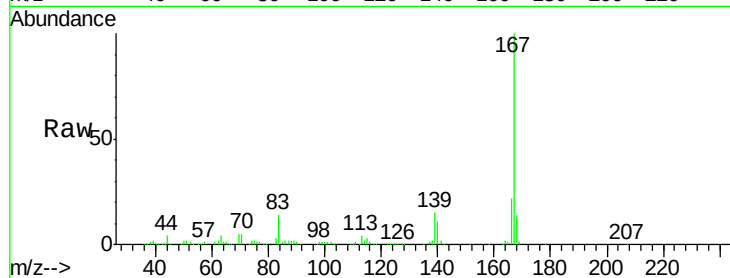
ClientSampleId :

SUP-B044-3-6MS

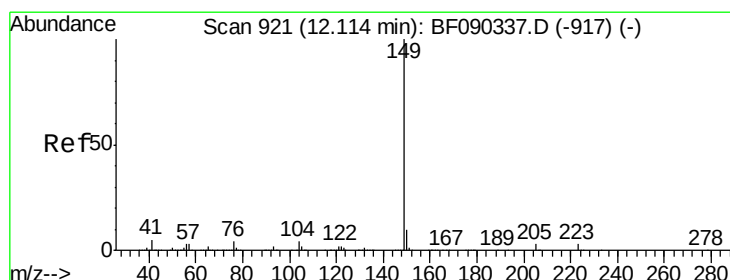
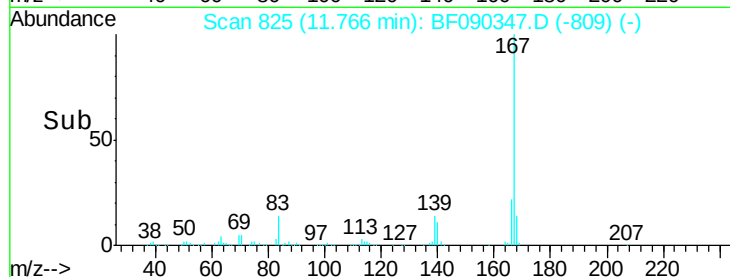
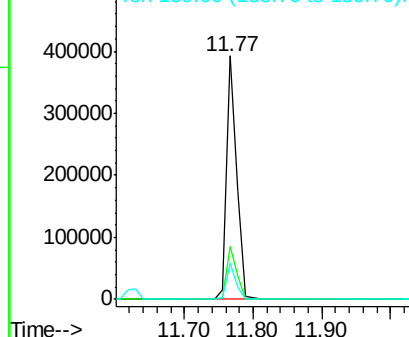
Tgt Ion:	167	Resp:	409948
Ion Ratio	Lower	Upper	
167	100		
166	21.7	19.1	28.7
139	14.9	12.1	18.1

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 47.19 ng

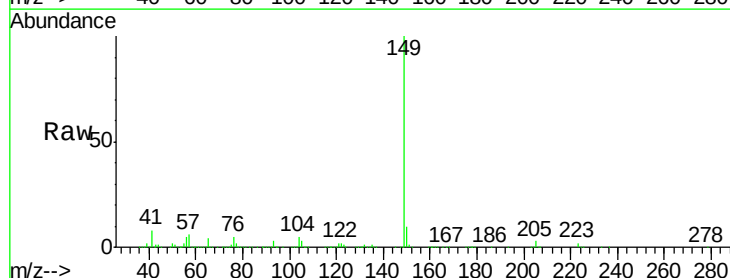
RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

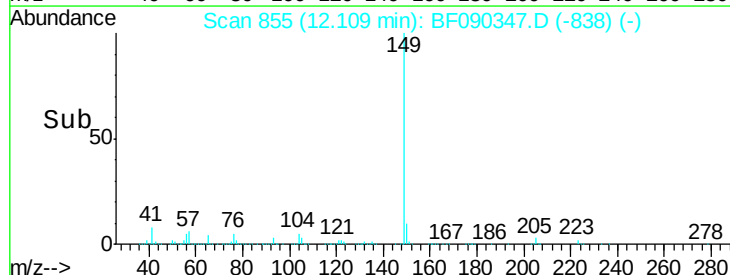
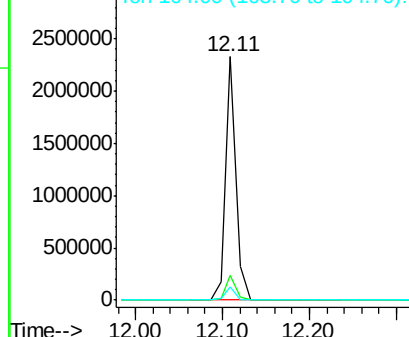
Lab File: BF090347.D

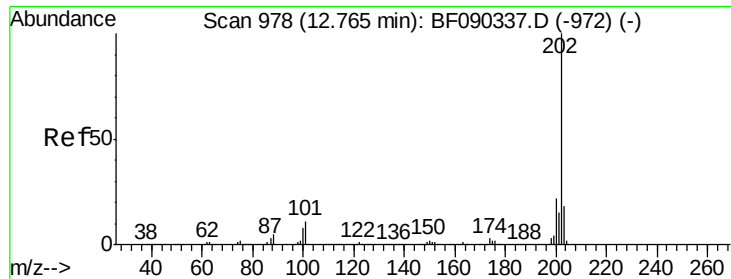
Acq: 4 Oct 2016 17:45

Tgt Ion:	149	Resp:	1945048
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.6	12.8
104	5.4	4.7	7.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 43.46 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

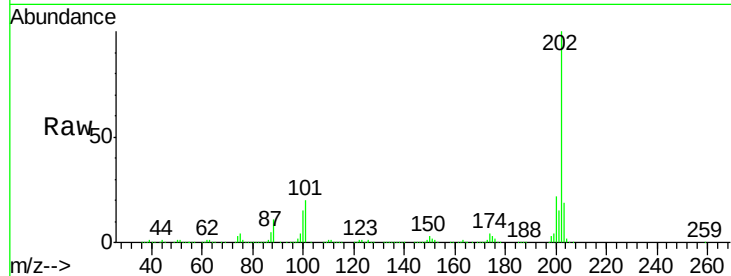
ClientSampleId :

SUP-B044-3-6MS

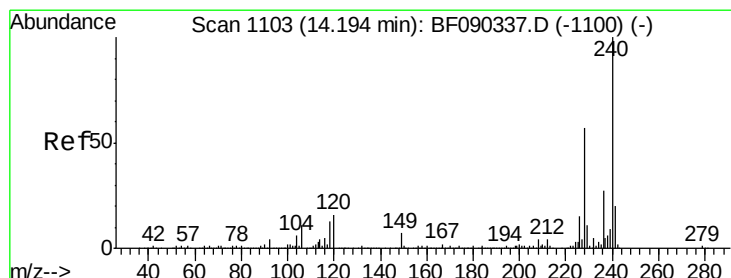
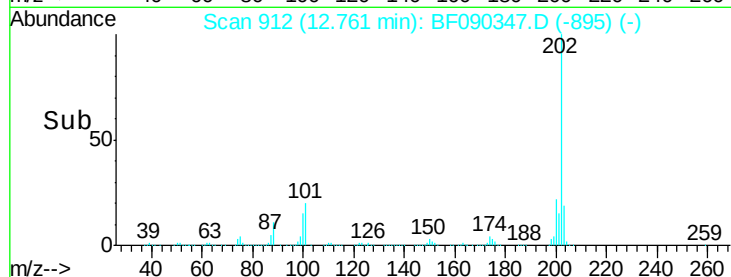
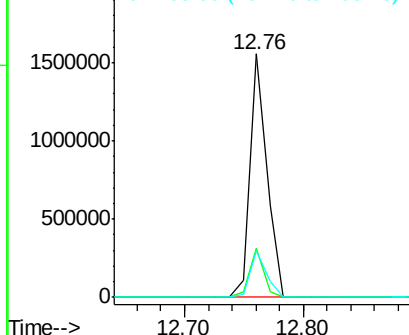
Tgt Ion:	202	Resp:	1549327
Ion	Ratio	Lower	Upper
202	100		
101	20.3	0.0	37.2
203	18.9	0.0	39.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

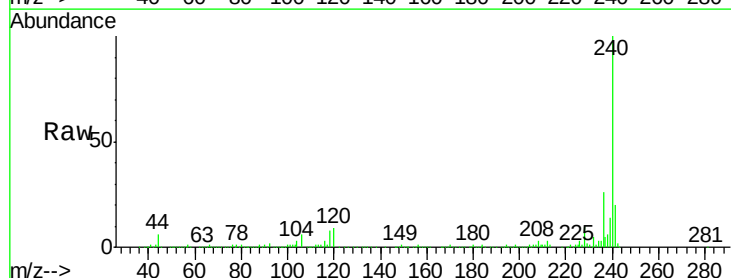
RT: 14.20 min Scan# 1038

Delta R.T. 0.01 min

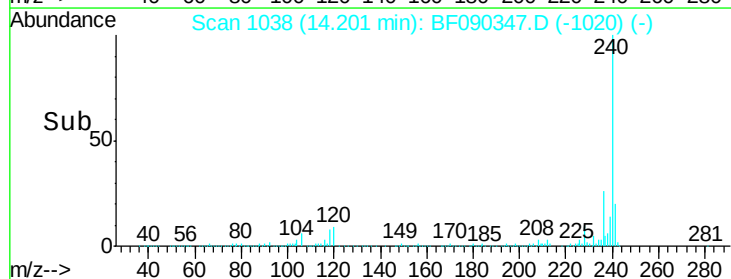
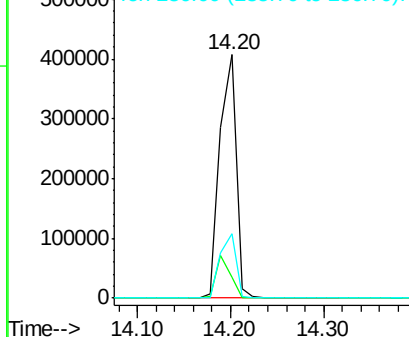
Lab File: BF090347.D

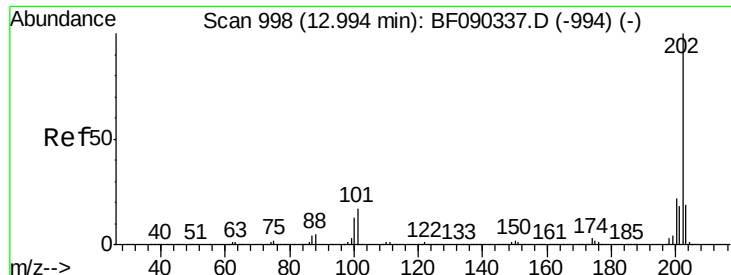
Acq: 4 Oct 2016 17:45

Tgt Ion:	240	Resp:	494085
Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.6	13.0
236	26.4	21.6	32.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





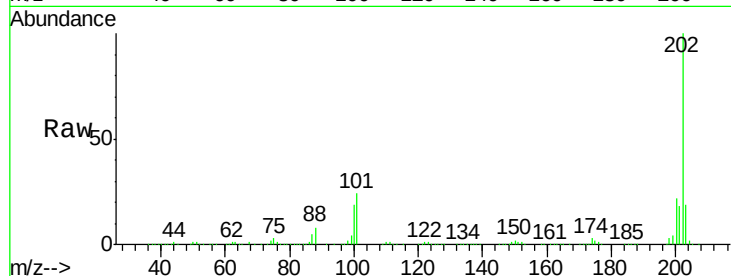
#77
 Pyrene
 Concen: 48.14 ng
 RT: 12.99 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

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

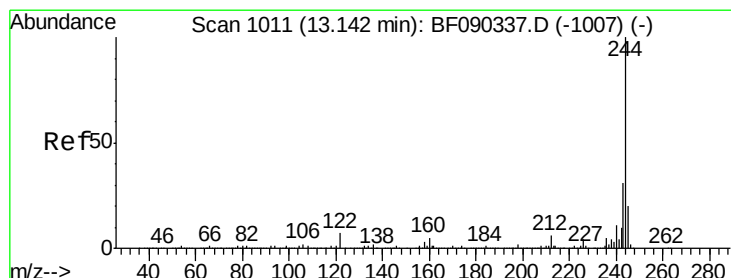
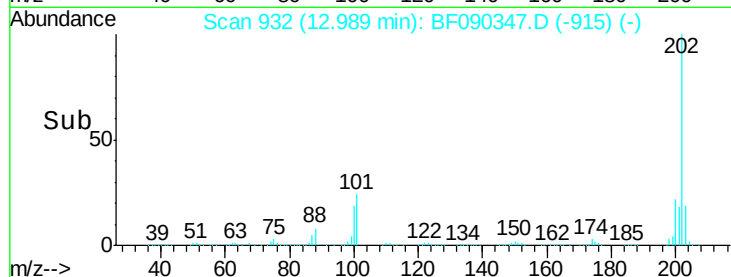
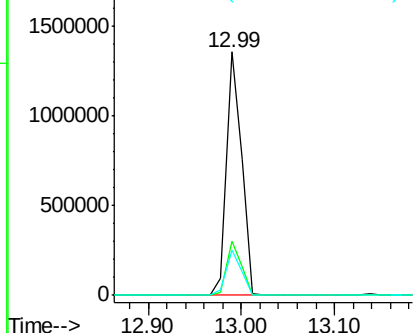
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.5	27.7
203	18.8	15.0	22.6

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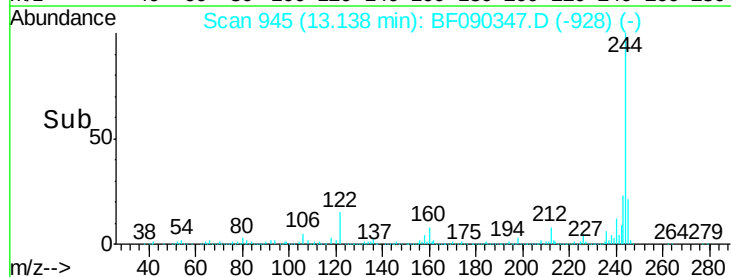
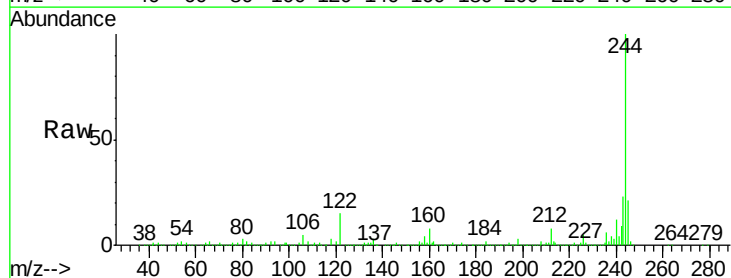
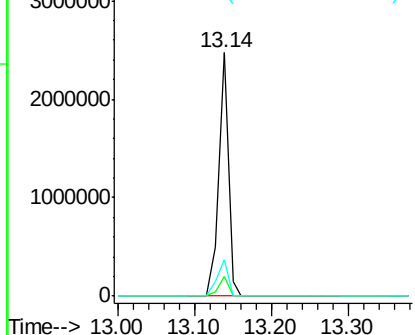
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

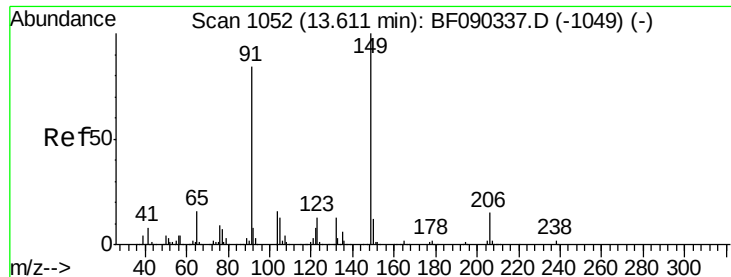


#78
 Terphenyl-d14
 Concen: 101.54 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090347.D
 Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.8	10.2
122	15.1	13.3	19.9

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





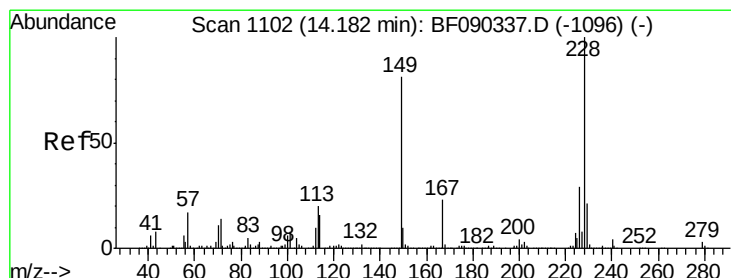
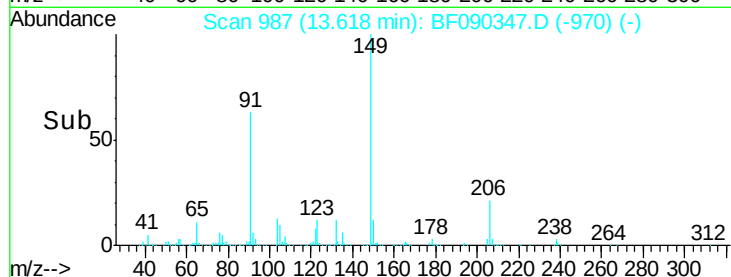
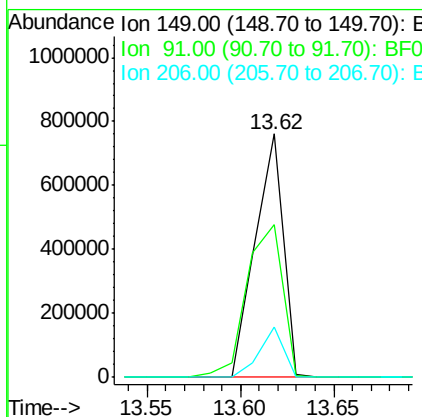
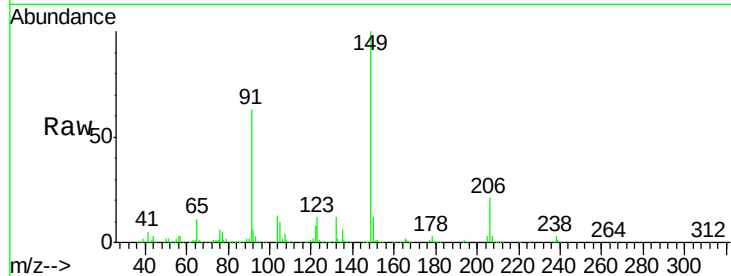
#79
Butylbenzylphthalate
Concen: 63.49 ng
RT: 13.62 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.7	51.8	77.8
206	20.9	18.0	27.0

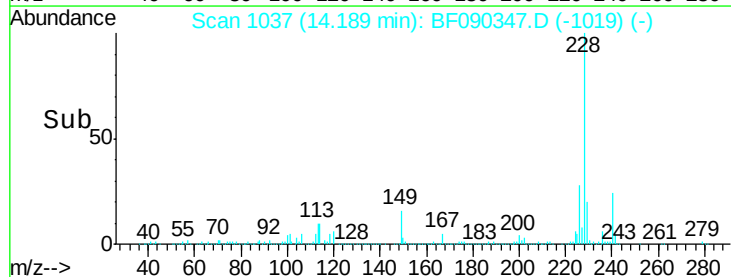
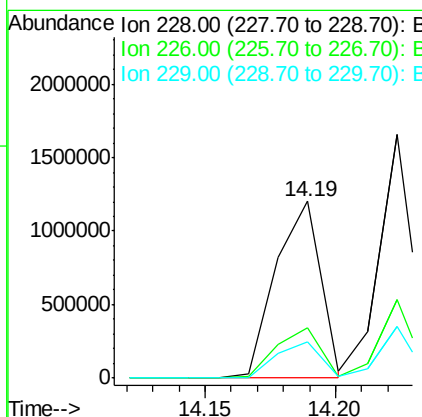
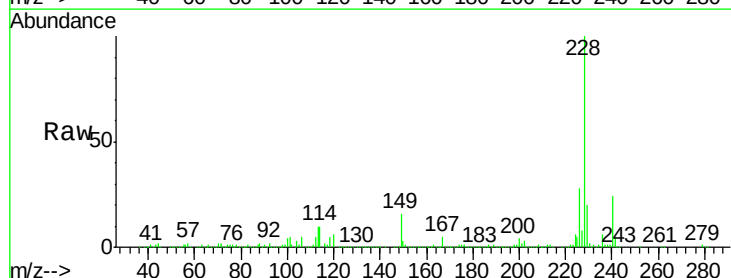
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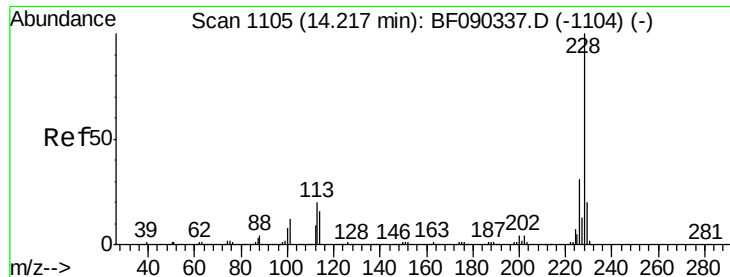
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#80
Benzo(a)anthracene
Concen: 52.11 ng
RT: 14.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.6	35.4
229	20.4	16.6	25.0





#82

Chrysene

Concen: 54.76 ng

RT: 14.22 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6MS

Tgt Ion:228 Resp: 1421472

Ion Ratio Lower Upper

228 100

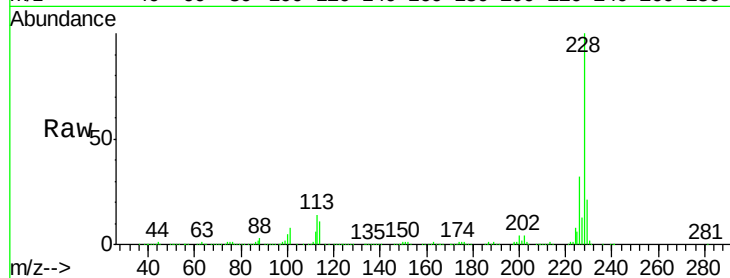
226 32.2 25.8 38.6

229 21.0 16.9 25.3

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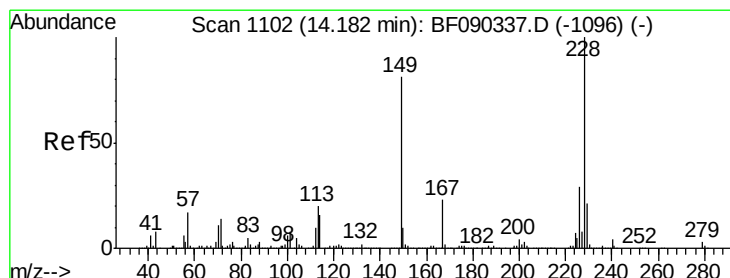
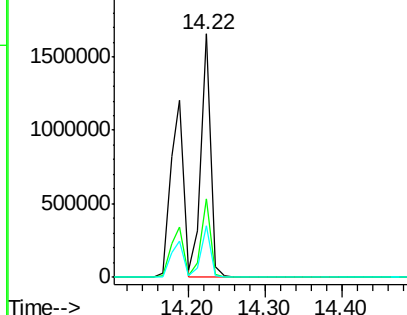
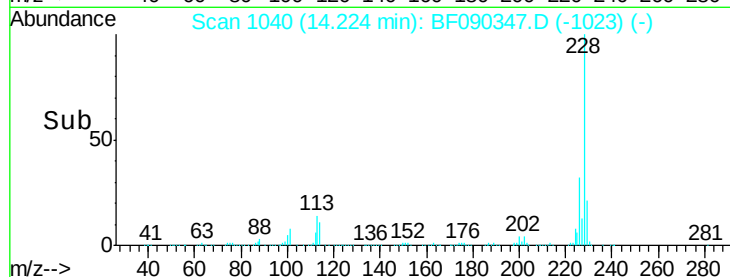
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 57.87 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090347.D

Acq: 4 Oct 2016 17:45

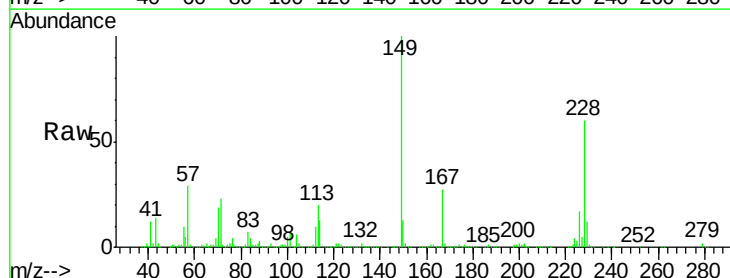
Tgt Ion:149 Resp: 1154223

Ion Ratio Lower Upper

149 100

167 26.6 21.5 32.3

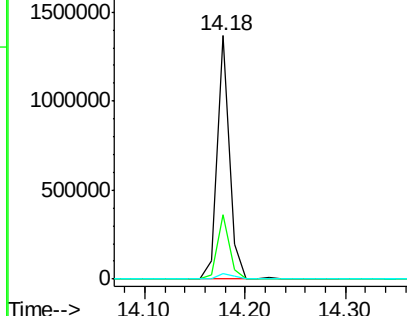
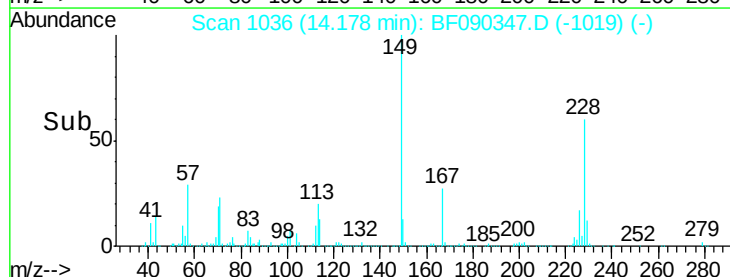
279 2.1 2.6 3.8#

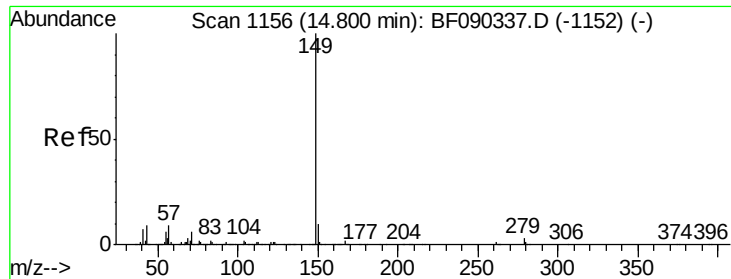


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





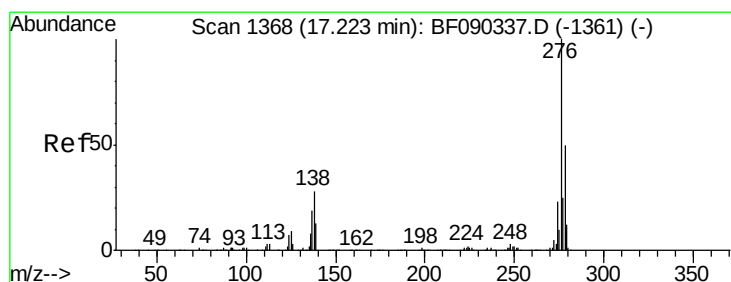
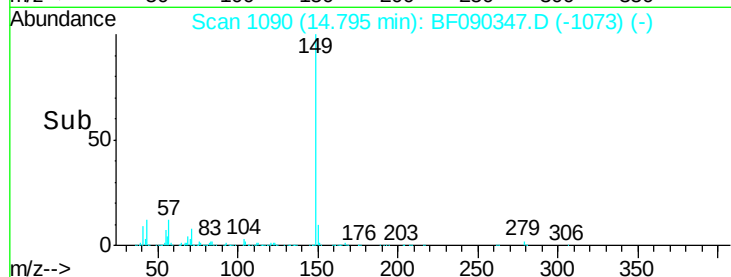
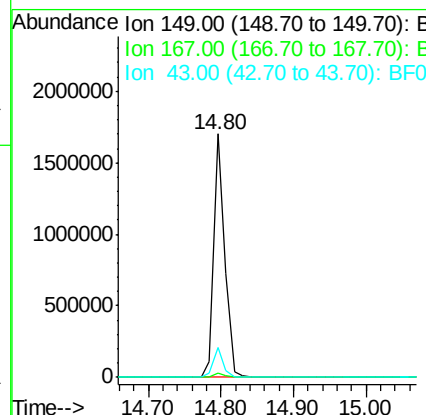
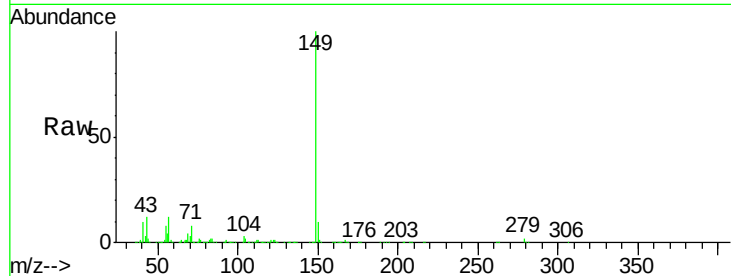
#84
Di-n-octyl phthalate
Concen: 61.54 ng
RT: 14.80 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion:149 Resp: 1783227
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.4 11.8 17.8#

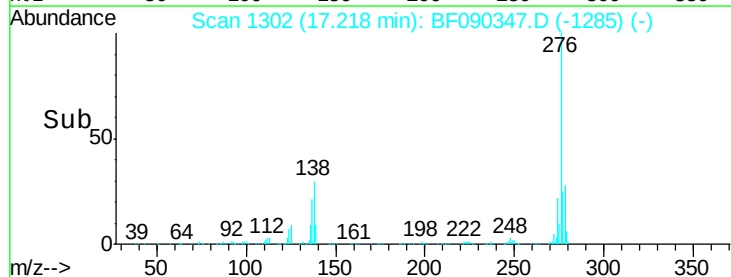
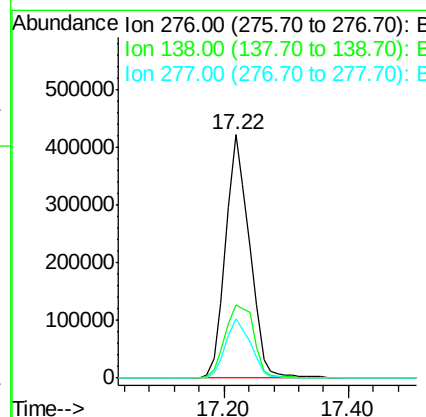
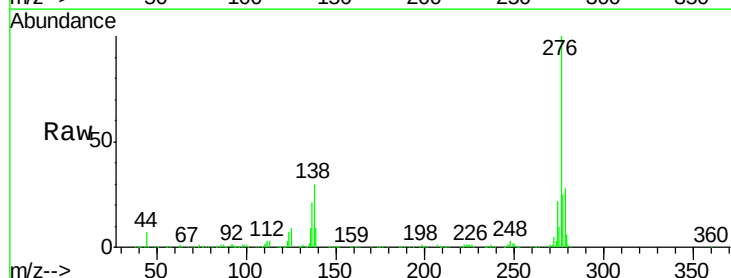
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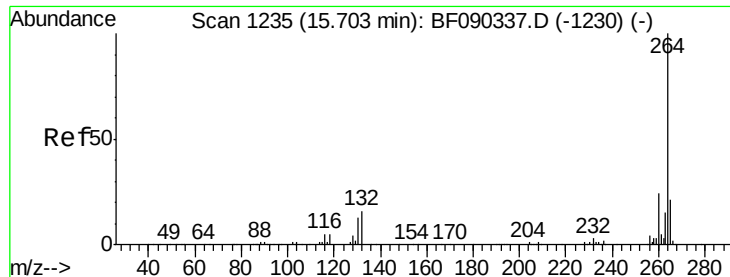
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#85
Indeno(1,2,3-cd)pyrene
Concen: 40.75 ng
RT: 17.22 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion:276 Resp: 1137073
Ion Ratio Lower Upper
276 100
138 36.3 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: BF090347.D

Acq: 4 Oct 2016 17:45

Instrument :

BNA_F

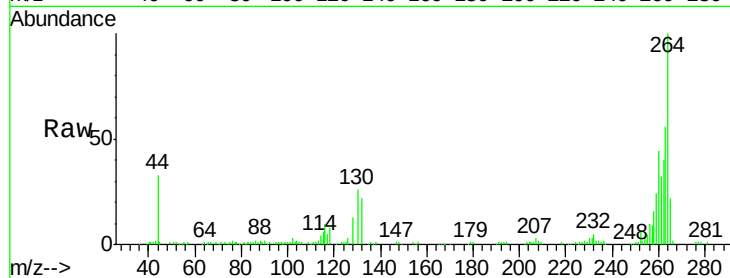
ClientSampleId :

SUP-B044-3-6MS

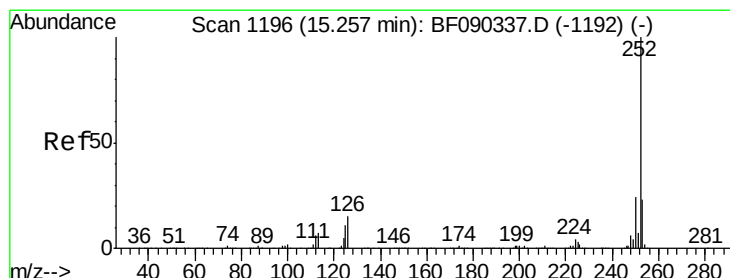
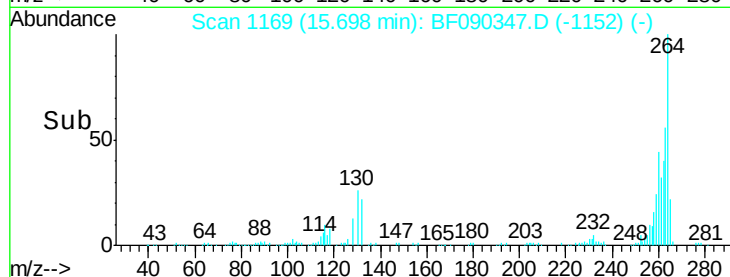
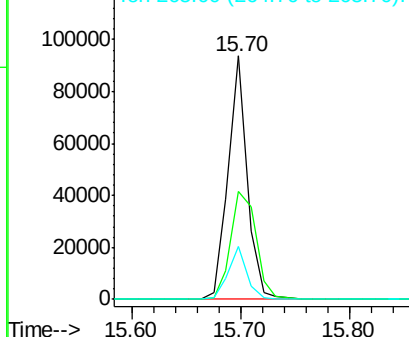
Tgt Ion:	264	Resp:	113995
Ion Ratio		Lower	Upper
264	100		
260	44.1	19.3	28.9#
265	21.6	17.4	26.0

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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: 218.62 ng

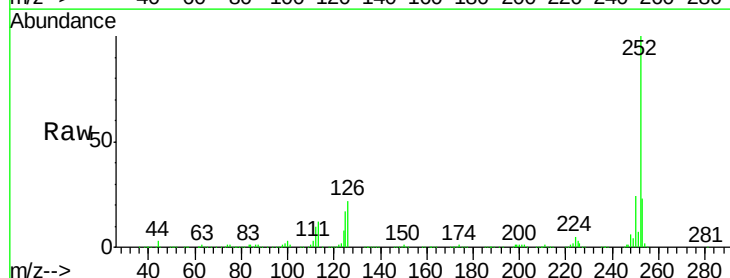
RT: 15.25 min Scan# 1130

Delta R.T. -0.00 min

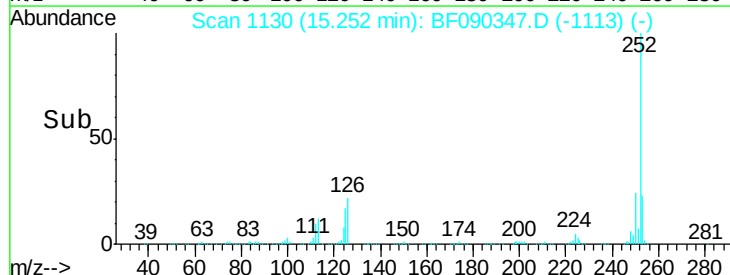
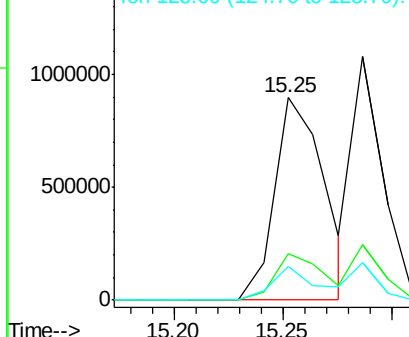
Lab File: BF090347.D

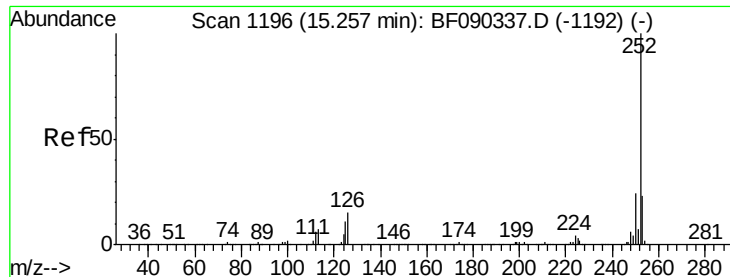
Acq: 4 Oct 2016 17:45

Tgt Ion:	252	Resp:	1433137
Ion Ratio		Lower	Upper
252	100		
253	22.8	18.2	27.2
125	16.7	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





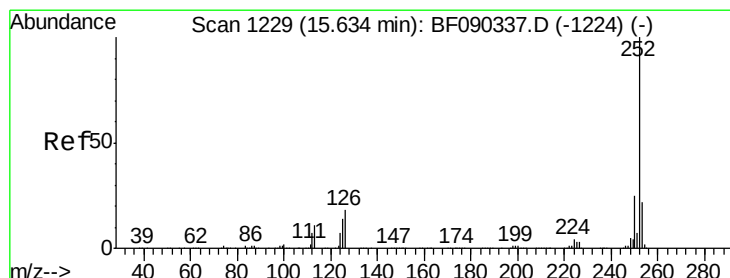
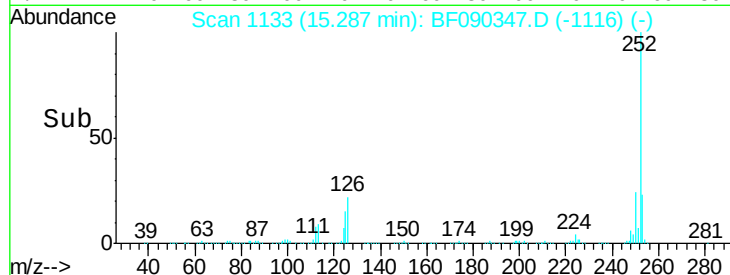
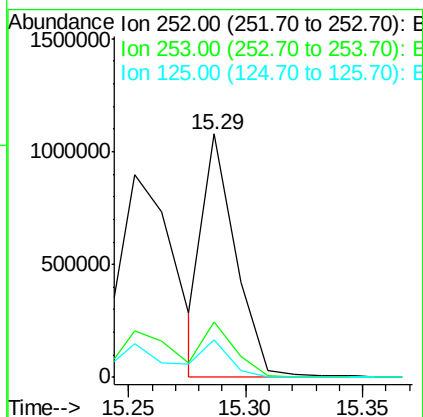
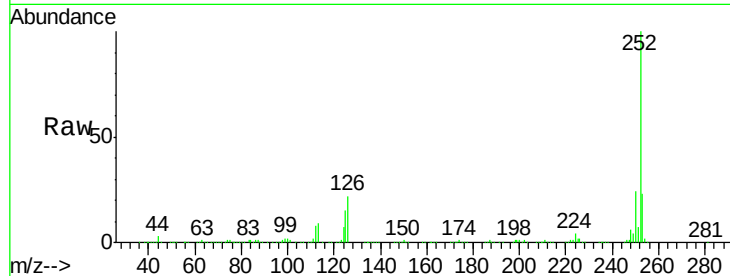
#88
Benzo(k)fluoranthene
Concen: 170.72 ng m
RT: 15.29 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	27.8
125	15.4	11.7	17.5

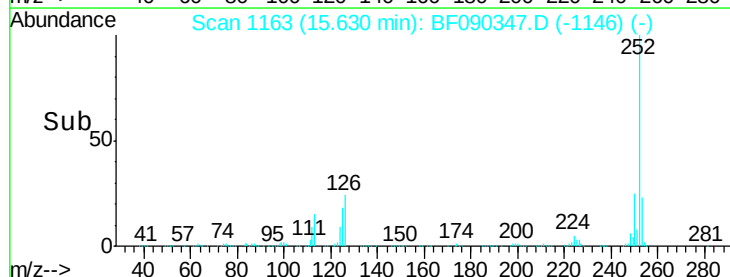
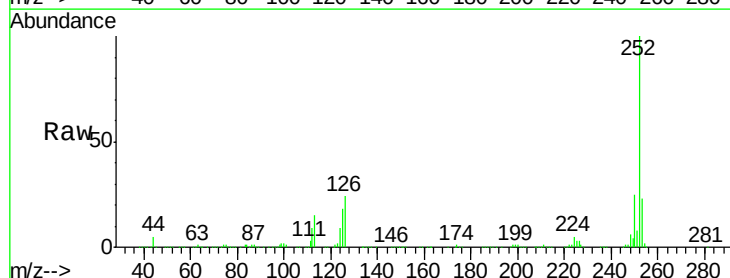
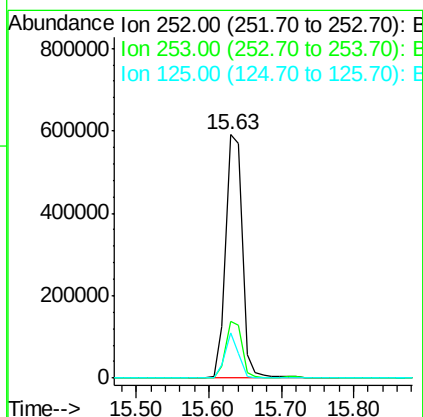
Manual Integrations
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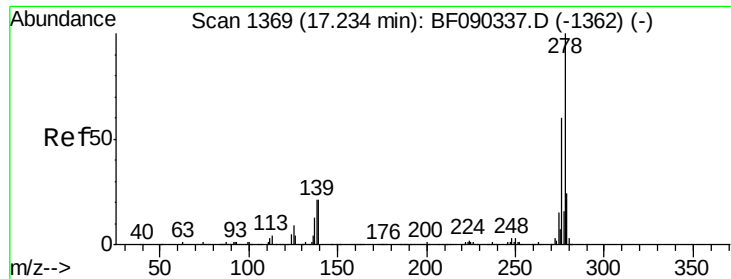
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#89
Benzo(a)pyrene
Concen: 159.41 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	18.4	9.8	14.8#





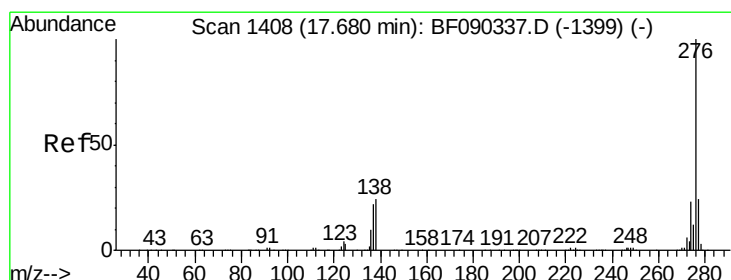
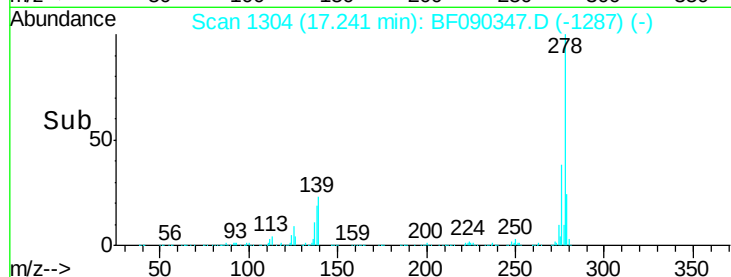
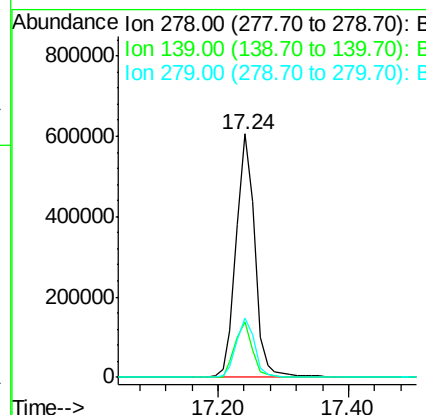
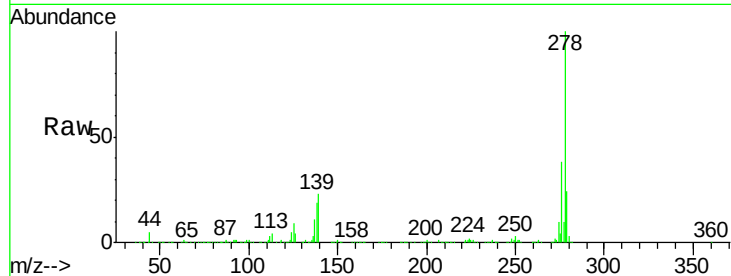
#90
Dibenzo(a,h)anthracene
Concen: 204.90 ng
RT: 17.24 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

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

Tgt Ion: 278 Resp: 1201360
Ion Ratio Lower Upper
278 100
139 22.9 12.8 19.2#
279 24.3 19.6 29.4

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#91
Benzo(g,h,i)perylene
Concen: 154.91 ng
RT: 17.68 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF090347.D
Acq: 4 Oct 2016 17:45

Tgt Ion: 276 Resp: 889647
Ion Ratio Lower Upper
276 100
277 25.0 19.4 29.0
138 32.3 20.8 31.2#

