

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090341.D
 Acq On : 4 Oct 2016 13:51
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100416

Manual Integrations
 APPROVED

sohil
 10/5/2016 7:26:02 PM

Quant Time: Oct 04 14:18:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	231239	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	906681	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	440228	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	620111	20.00	ng	0.00
75) Chrysene-d12	14.19	240	502105	20.00	ng	0.00
86) Perylene-d12	15.70	264	396849	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1263960	86.21	ng	0.00
7) Phenol-d6	6.63	99	1542122	84.15	ng	0.00
23) Nitrobenzene-d5	7.58	82	1419501	91.26	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	303297	79.32	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2155644	79.84	ng	0.00
78) Terphenyl-d14	13.14	244	1712604	79.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	287720	40.21	ng	# 89
3) Pyridine	3.47	79	778882	41.06	ng	# 85
4) n-Nitrosodimethylamine	3.43	42	292482	42.57	ng	# 52
6) Aniline	6.66	93	1036073	41.15	ng	98
8) 2-Chlorophenol	6.79	128	637107	38.67	ng	94
9) Benzaldehyde	6.56	77	350752	41.23	ng	94
10) Phenol	6.64	94	1011606	45.39	ng	90
11) bis(2-Chloroethyl)ether	6.74	93	696839	44.03	ng	99
12) 1,3-Dichlorobenzene	6.95	146	642943	37.58	ng	# 90
13) 1,4-Dichlorobenzene	7.03	146	711807	40.97	ng	98
14) 1,2-Dichlorobenzene	7.19	146	644374m	39.01	ng	
15) Benzyl Alcohol	7.14	79	498993	38.63	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1044834	43.19	ng	92
17) 2-Methylphenol	7.26	107	536128	42.01	ng	96
18) Hexachloroethane	7.53	117	266806	42.44	ng	97
19) n-Nitroso-di-n-propylamine	7.42	70	463165	39.58	ng	# 83
20) 3+4-Methylphenols	7.40	107	642832	39.62	ng	# 88
22) Acetophenone	7.42	105	837772	39.91	ng	# 91
24) Nitrobenzene	7.59	77	656444	39.53	ng	96
25) Isophorone	7.83	82	1175751	39.73	ng	97
26) 2-Nitrophenol	7.91	139	286227	44.66	ng	# 82
27) 2,4-Dimethylphenol	7.94	122	619190	42.83	ng	99
28) bis(2-Chloroethoxy)methane	8.04	93	828665	45.10	ng	99
29) 2,4-Dichlorophenol	8.15	162	501556	42.37	ng	94
30) 1,2,4-Trichlorobenzene	8.24	180	540788	40.79	ng	99
31) Naphthalene	8.32	128	1717661	39.64	ng	98
32) Benzoic acid	8.04	122	382977	41.95	ng	92
33) 4-Chloroaniline	8.36	127	764661	44.17	ng	# 90
34) Hexachlorobutadiene	8.44	225	314418	40.29	ng	99
35) Caprolactam	8.72	113	131506	42.48	ng	89
36) 4-Chloro-3-methylphenol	8.83	107	507814	39.95	ng	97
37) 2-Methylnaphthalene	9.02	142	1107836	40.73	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	465193	37.44	ng	# 98
40) Hexachlorocyclopentadiene	9.18	237	279955	37.03	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	312265	39.95	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	323806	41.17	ng	# 86
45) 1,1'-Biphenyl	9.47	154	1281316	37.59	ng	94
46) 2-Chloronaphthalene	9.51	162	976788	38.18	ng	# 90
47) 2-Nitroaniline	9.59	65	304428	43.59	ng	92
48) Acenaphthylene	9.92	152	1601861	41.39	ng	99
49) Dimethylphthalate	9.77	163	988590	37.94	ng	99
50) 2,6-Dinitrotoluene	9.83	165	213241	37.41	ng	92
51) Acenaphthene	10.09	154	949266	40.31	ng	97
52) 3-Nitroaniline	10.00	138	270697	41.92	ng	99
53) 2,4-Dinitrophenol	10.10	184	86008	44.48	ng	# 31
54) Dibenzofuran	10.26	168	1225880	39.36	ng	94
55) 4-Nitrophenol	10.15	139	225623	43.88	ng	# 71
56) 2,4-Dinitrotoluene	10.24	165	272499	39.71	ng	97
57) Fluorene	10.60	166	1005303	38.59	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	236007	42.55	ng	89
59) Diethylphthalate	10.48	149	1070488	40.19	ng	95
60) 4-Chlorophenyl-phenylether	10.60	204	478054	38.70	ng	# 83
61) 4-Nitroaniline	10.62	138	256028	44.08	ng	78
62) Azobenzene	10.75	77	1040155	37.47	ng	88
64) 4,6-Dinitro-2-methylphenol	10.64	198	114761	42.69	ng	# 83
65) n-Nitrosodiphenylamine	10.72	169	857824	40.57	ng	99
66) 4-Bromophenyl-phenylether	11.10	248	263496	39.32	ng	# 81
67) Hexachlorobenzene	11.15	284	294712	37.42	ng	# 80
68) Atrazine	11.23	200	184605	36.47	ng	97
69) Pentachlorophenol	11.35	266	177838	40.28	ng	98
70) Phenanthrene	11.58	178	1302629	39.16	ng	95
71) Anthracene	11.62	178	1384648	41.69	ng	98
72) Carbazole	11.77	167	1192331	39.06	ng	98
73) Di-n-butylphthalate	12.11	149	1484086	40.68	ng	# 96
74) Fluoranthene	12.77	202	1293230	40.98	ng	93
76) Benzidine	12.88	184	560805	40.62	ng	96
77) Pyrene	12.99	202	1317362	40.98	ng	98
79) Butylbenzylphthalate	13.61	149	525645	41.49	ng	# 75
80) Benzo(a)anthracene	14.18	228	1084840	38.53	ng	98
81) 3,3'-Dichlorobenzidine	14.15	252	388381	40.04	ng	# 98
82) Chrysene	14.22	228	959338	36.36	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	810839	40.00	ng	# 98
84) Di-n-octyl phthalate	14.80	149	1237096	42.01	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.21	276	1013840	35.76	ng	97
87) Benzo(b)fluoranthene	15.26	252	921490	40.38	ng	# 98
88) Benzo(k)fluoranthene	15.29	252	948114m	43.49	ng	
89) Benzo(a)pyrene	15.63	252	850498	40.86	ng	98
90) Dibenzo(a,h)anthracene	17.23	278	840218	41.16	ng	# 94
91) Benzo(g,h,i)perylene	17.68	276	824486	41.24	ng	98

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

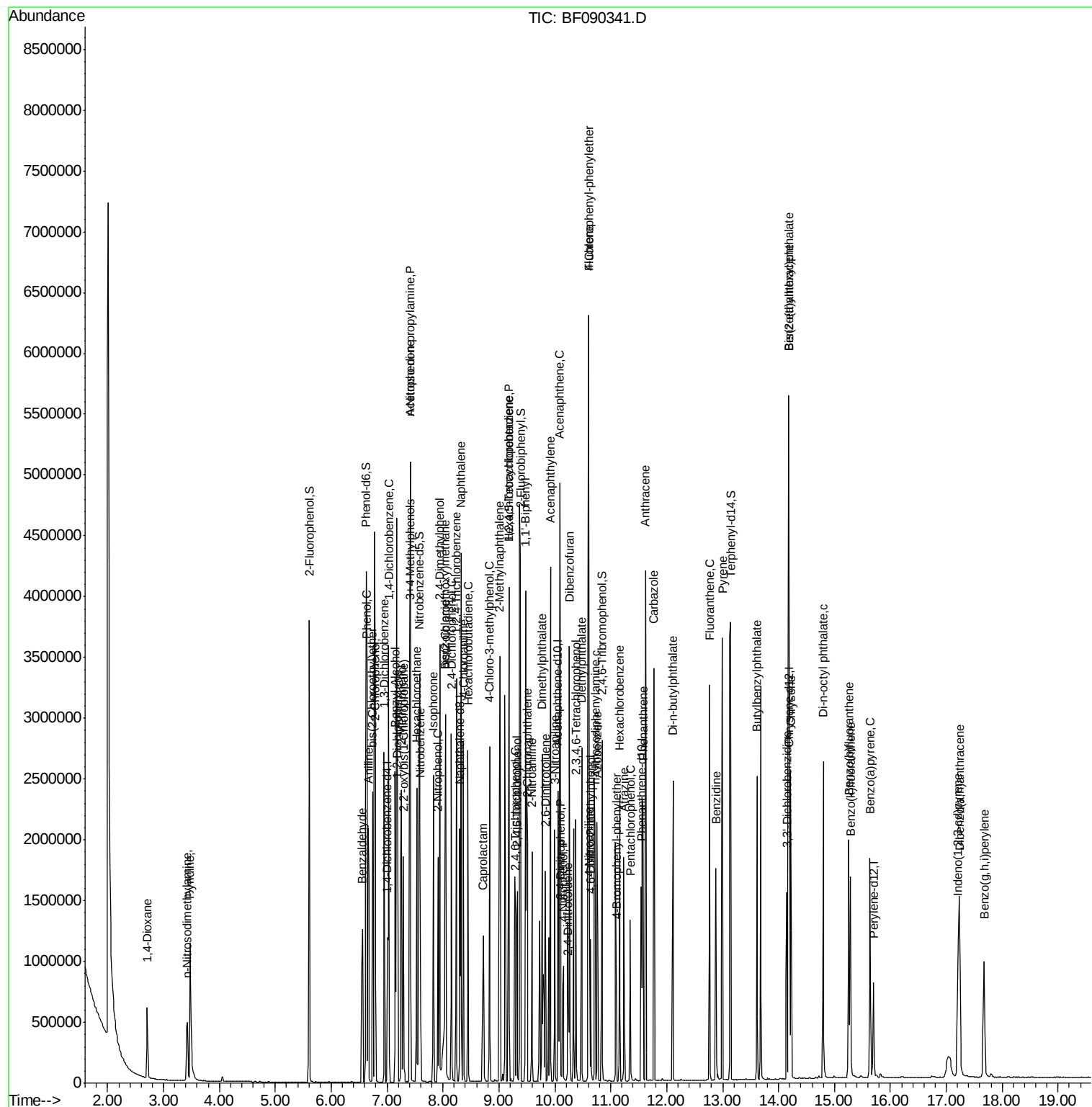
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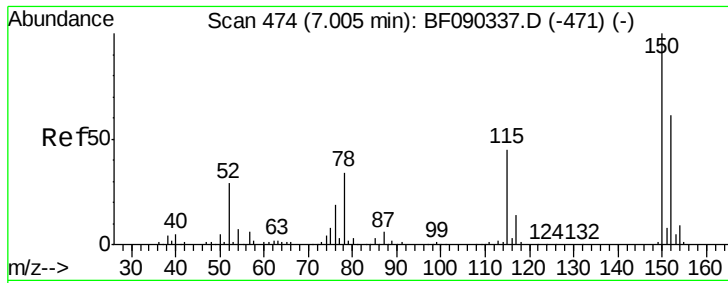
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

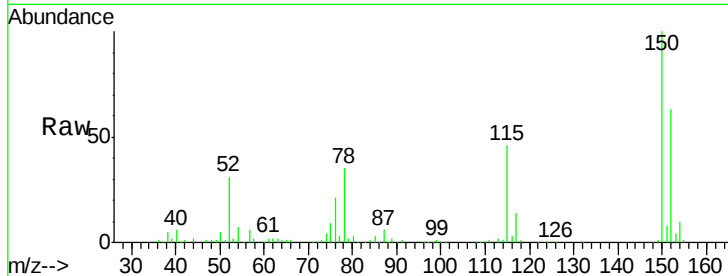
ClientSampleId :

ICVBF100416

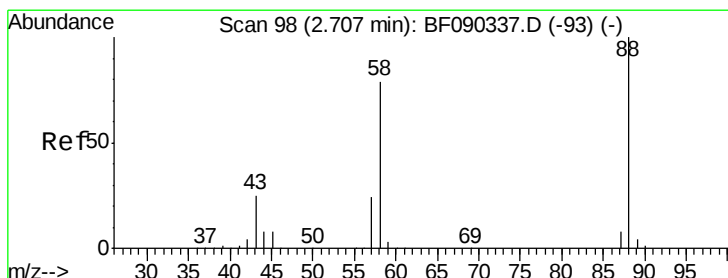
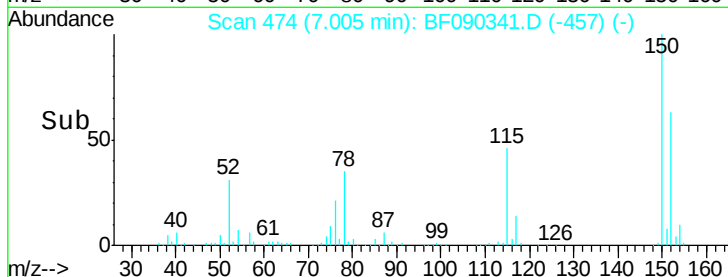
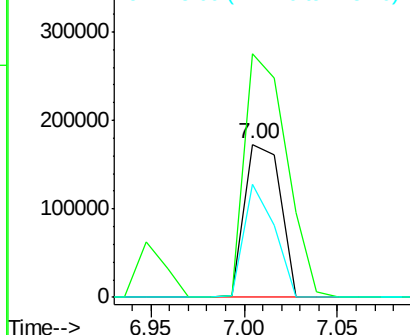
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	73.5	46.2	69.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.21 ng

RT: 2.71 min Scan# 98

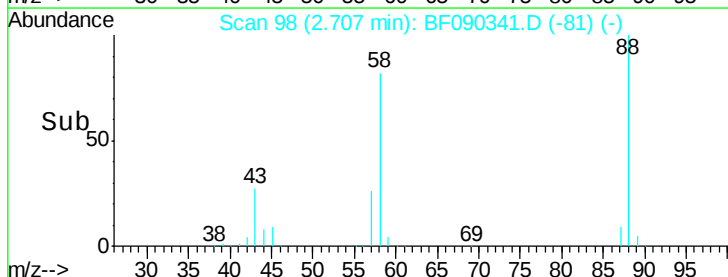
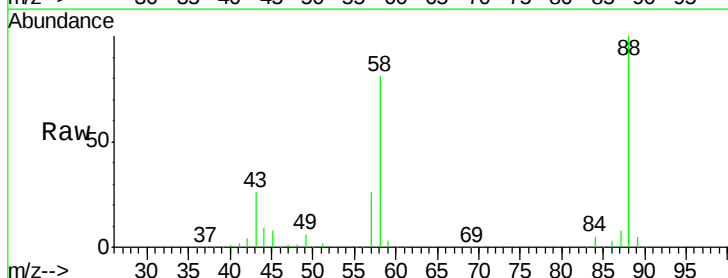
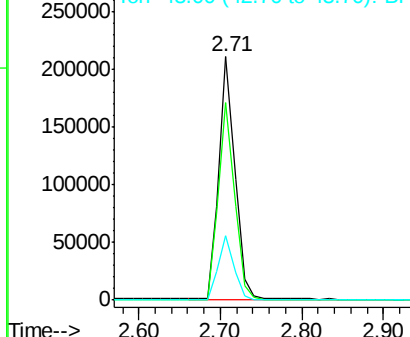
Delta R.T. 0.00 min

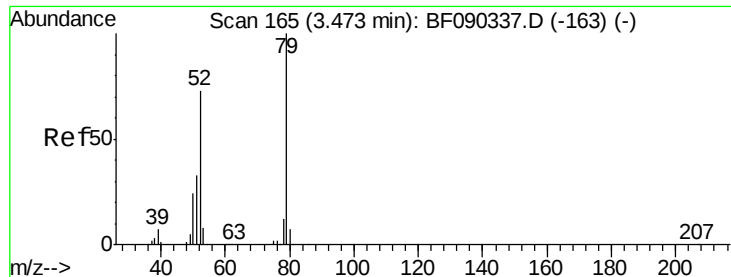
Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	71.2	106.8
43	26.2	29.8	44.6

Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.06 ng

RT: 3.47 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

ICVBF100416

Tgt Ion: 79 Resp: 778882

Ion Ratio Lower Upper

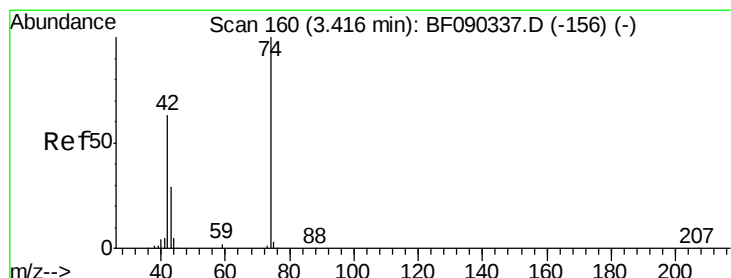
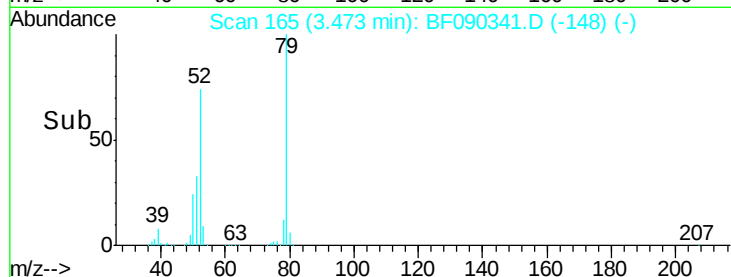
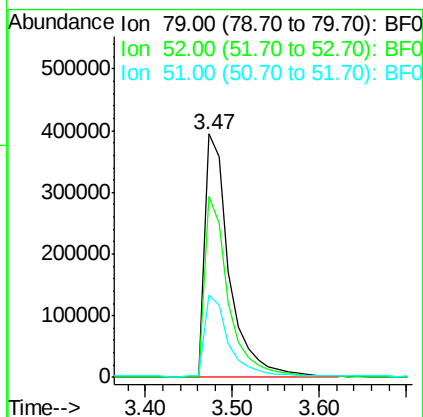
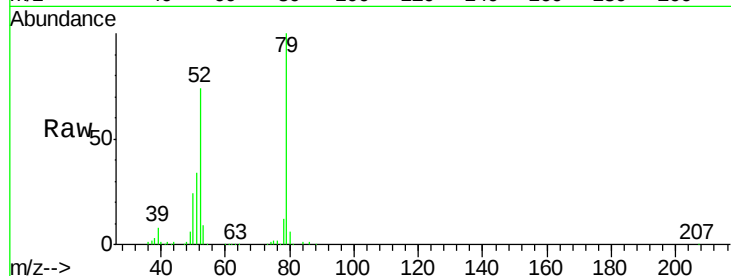
79 100

52 74.5 71.3 106.9

51 33.7 34.5 51.7#

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#4

n-Nitrosodimethylamine

Concen: 42.57 ng

RT: 3.43 min Scan# 161

Delta R.T. 0.01 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

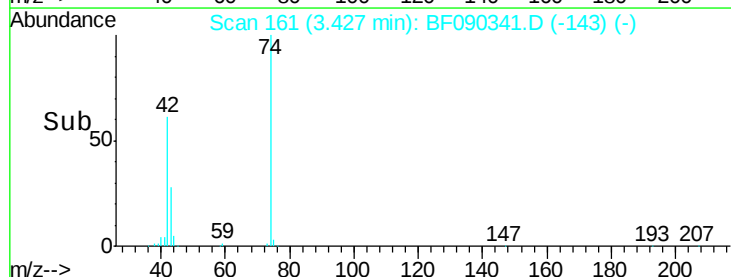
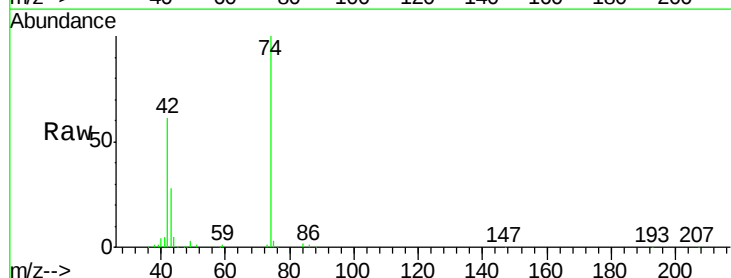
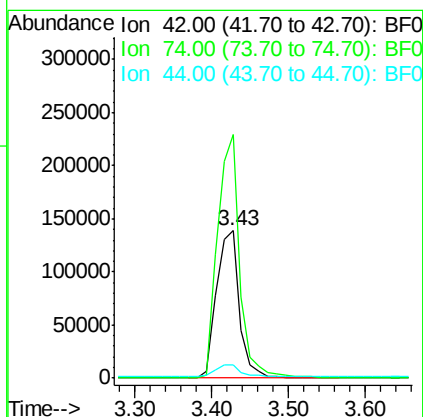
Tgt Ion: 42 Resp: 292482

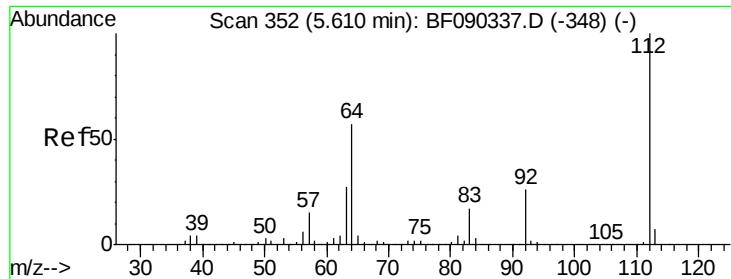
Ion Ratio Lower Upper

42 100

74 165.0 88.9 133.3#

44 9.1 6.5 9.7





#5

2-Fluorophenol

Concen: 86.21 ng

RT: 5.61 min Scan# 352

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

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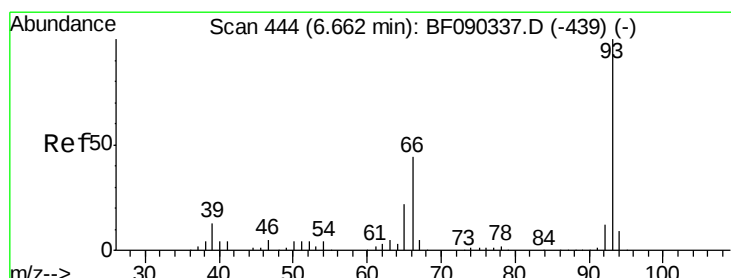
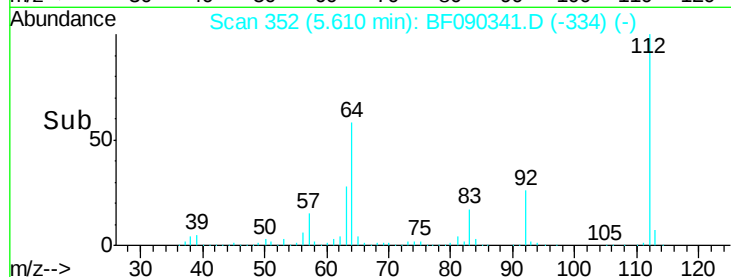
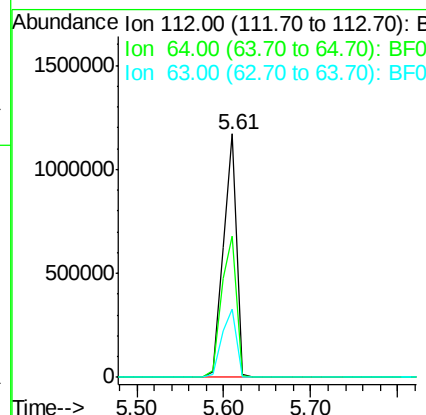
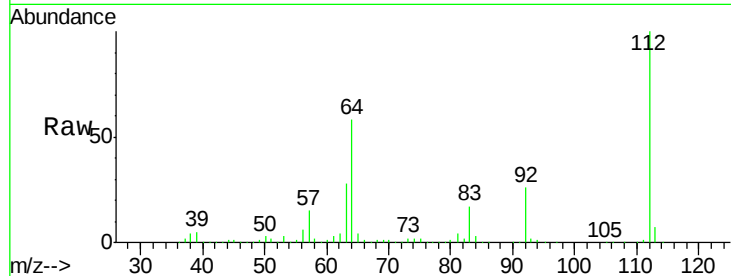
ClientSampleId :

ICVBF100416

Tgt Ion:	112	Resp:	1263960
Ion Ratio	Lower	Upper	
112	100		
64	58.0	57.9	86.9
63	27.8	29.6	44.4#

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#6

Aniline

Concen: 41.15 ng

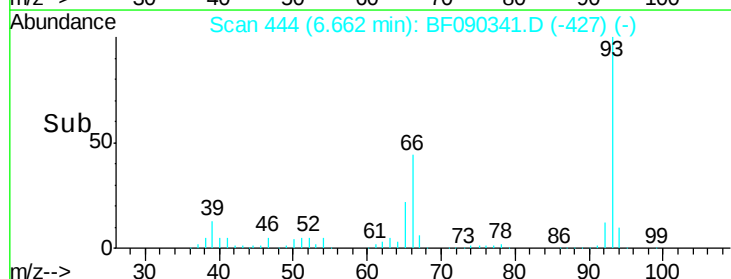
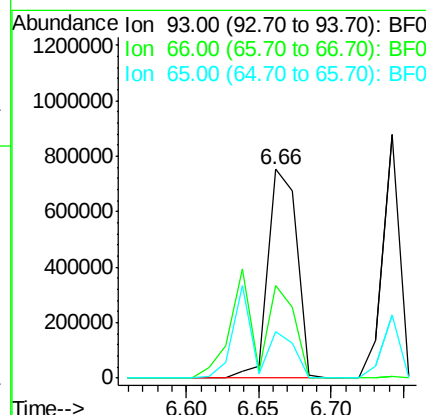
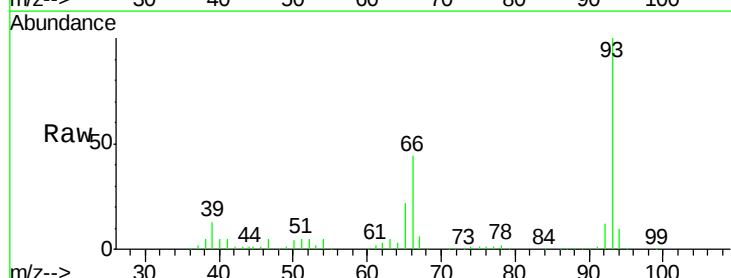
RT: 6.66 min Scan# 444

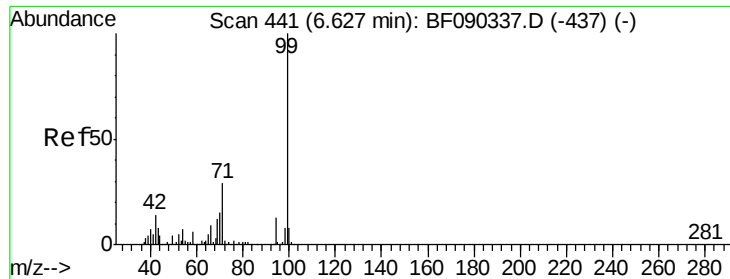
Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Tgt Ion:	93	Resp:	1036073
Ion Ratio	Lower	Upper	
93	100		
66	44.4	34.5	51.7
65	22.4	18.2	27.2





#7

Phenol-d6

Concen: 84.15 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

ICVBF100416

Tgt Ion: 99 Resp: 1542122

Ion Ratio Lower Upper

99 100

42 15.4 20.0 30.0#

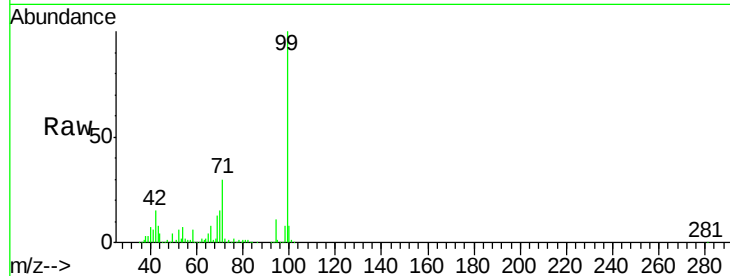
71 30.4 27.9 41.9

Manual Integrations

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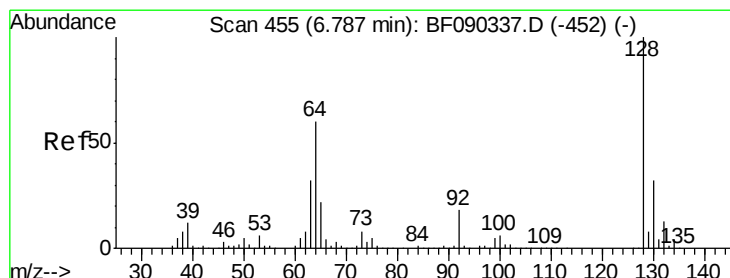
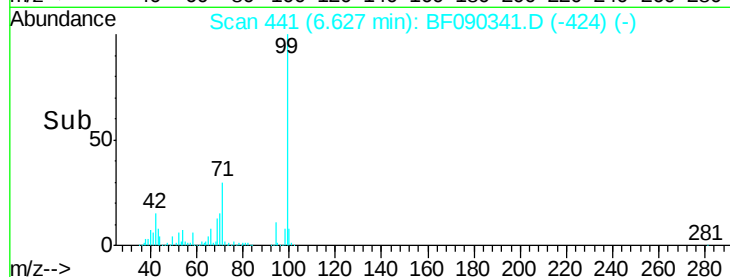
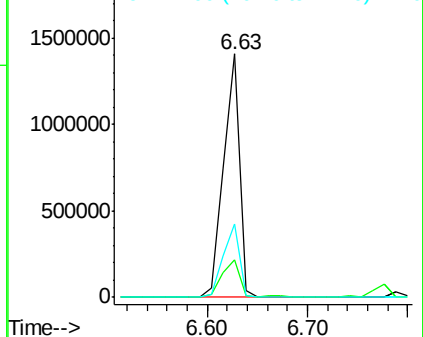
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.67 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

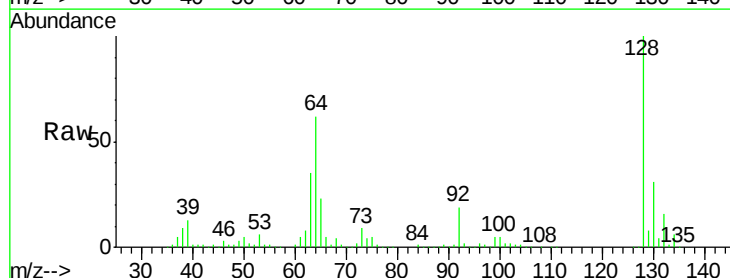
Tgt Ion: 128 Resp: 637107

Ion Ratio Lower Upper

128 100

130 31.5 13.3 53.3

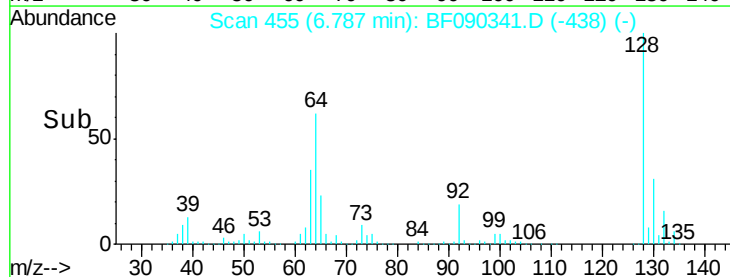
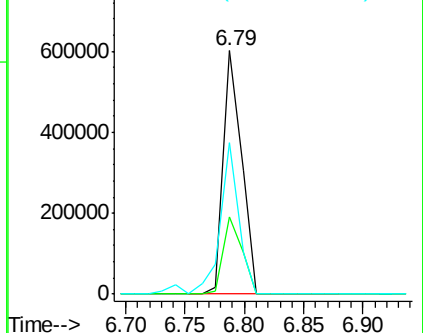
64 62.0 36.0 76.0

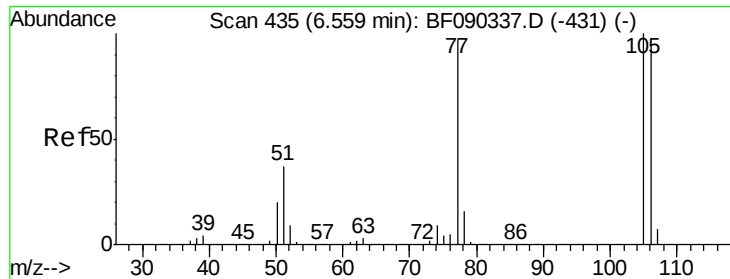


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





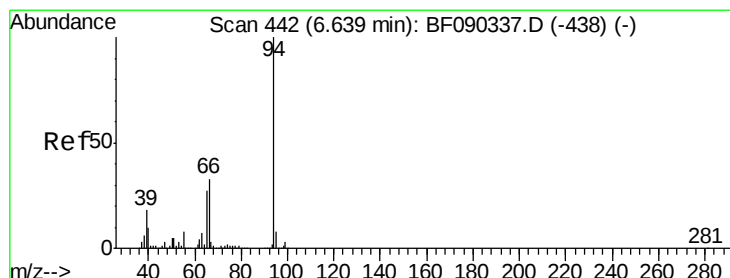
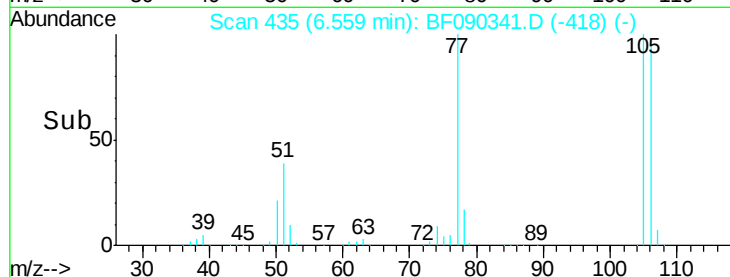
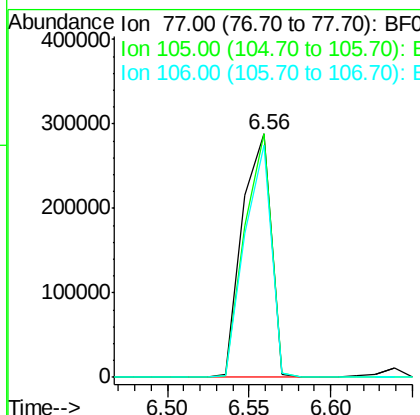
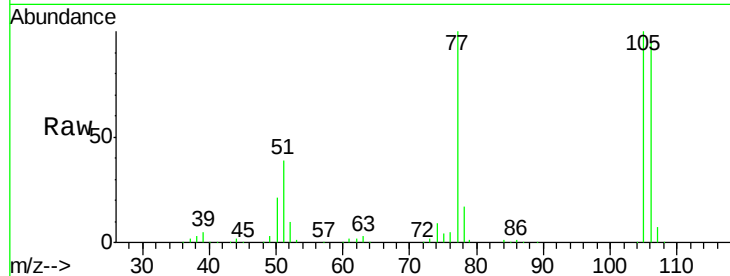
#9
Benzaldehyde
Concen: 41.23 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF090341.D
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Tgt Ion	Ratio	Lower	Upper
77	100		
105	100.0	73.1	113.1
106	95.2	70.2	110.2

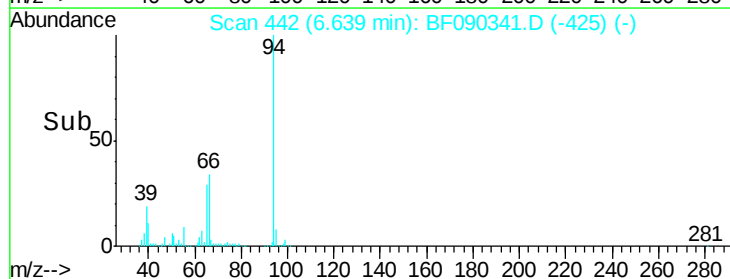
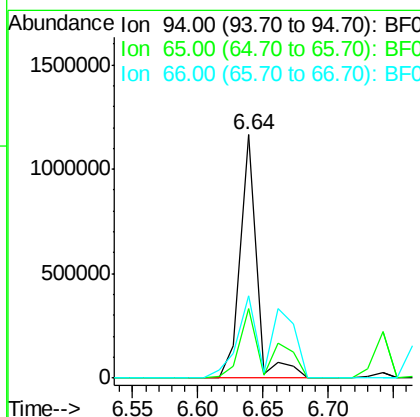
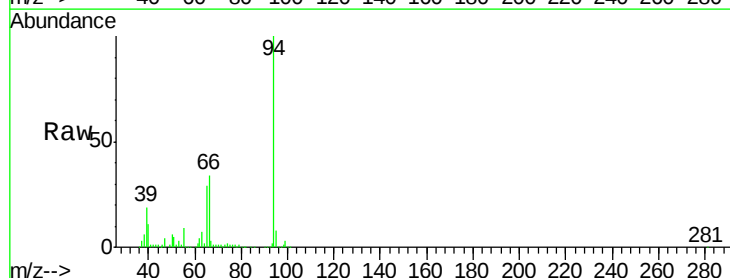
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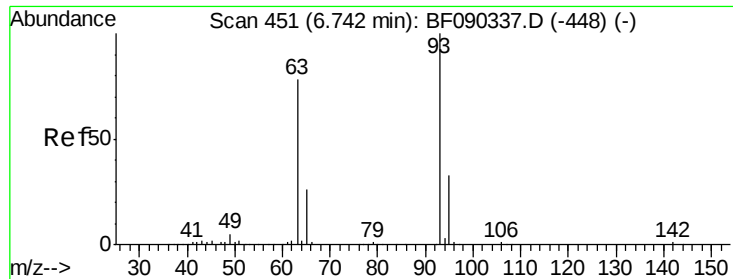
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#10
Phenol
Concen: 45.39 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.5	13.3	53.3
66	34.0	20.4	60.4





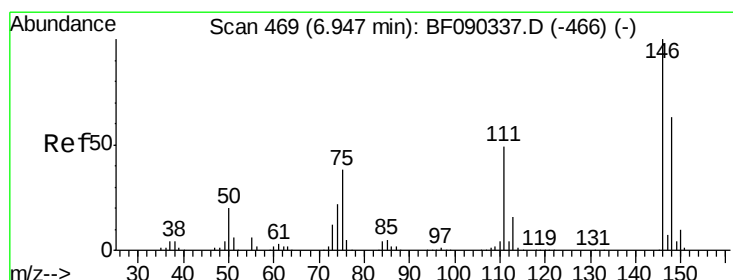
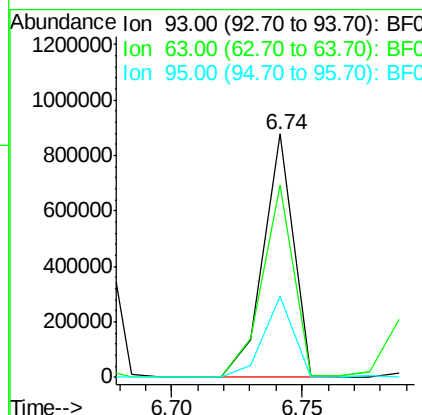
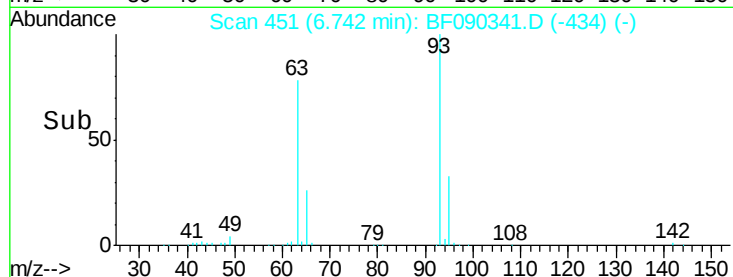
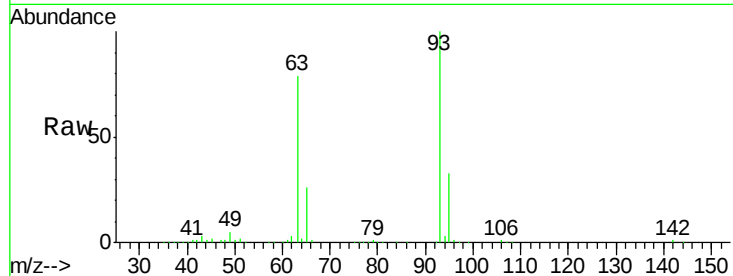
#11
bis(2-Chloroethyl)ether
Concen: 44.03 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :
ICVBF100416

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	696839		
63	79.1	59.7	99.7	
95	33.1	14.0	54.0	

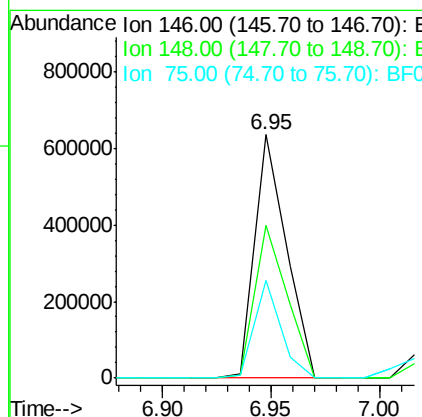
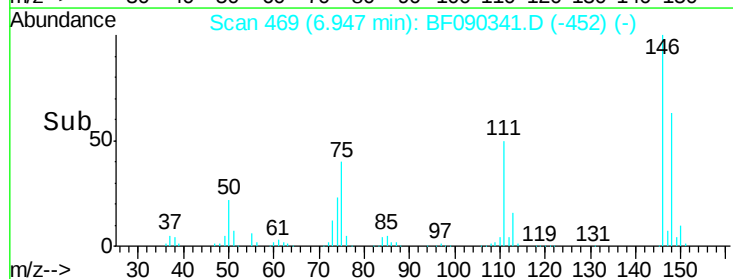
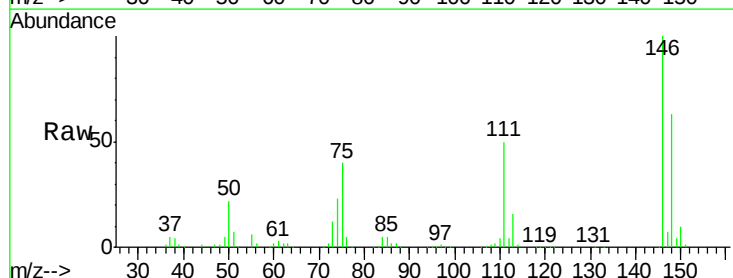
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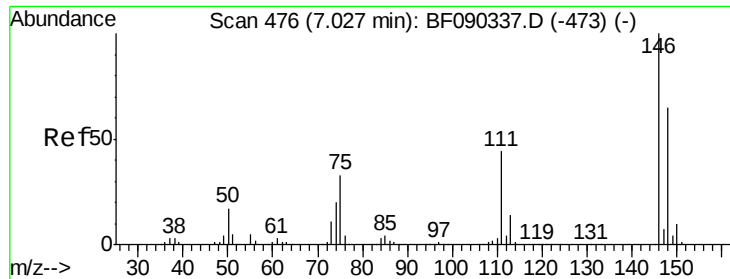
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#12
1,3-Dichlorobenzene
Concen: 37.58 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	642943		
148	62.6	52.2	78.4	
75	40.1	21.4	32.2	





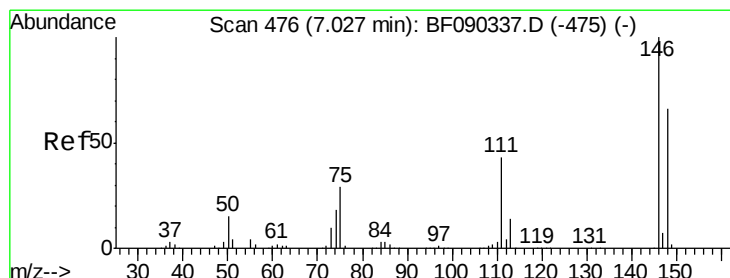
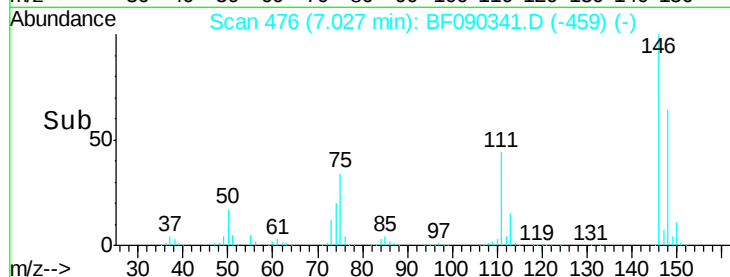
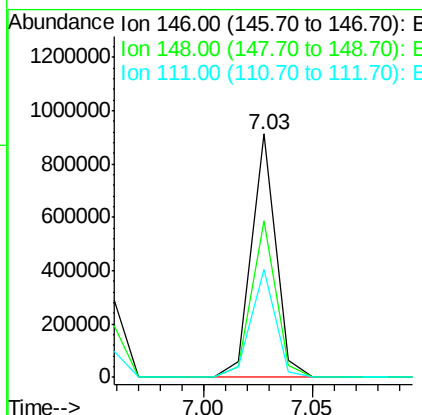
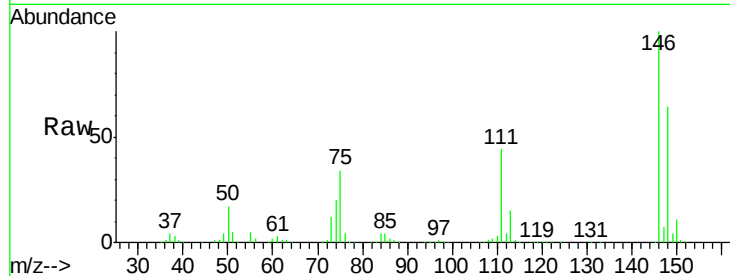
#13
 1,4-Dichlorobenzene
 Concen: 40.97 ng
 RT: 7.03 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100416

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	44.3	37.8	56.6

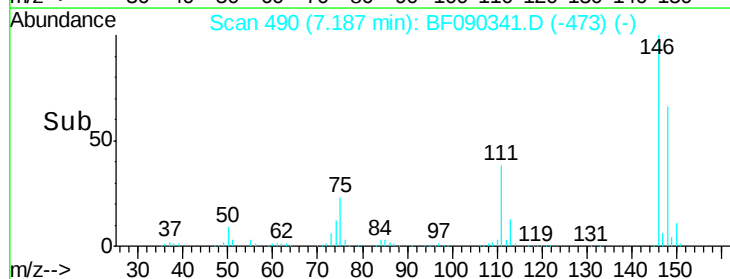
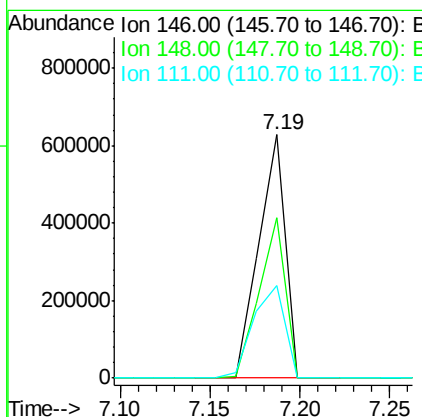
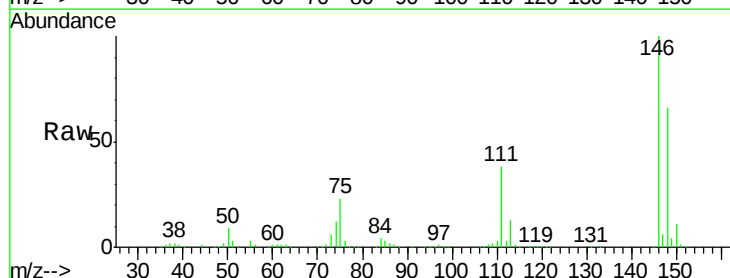
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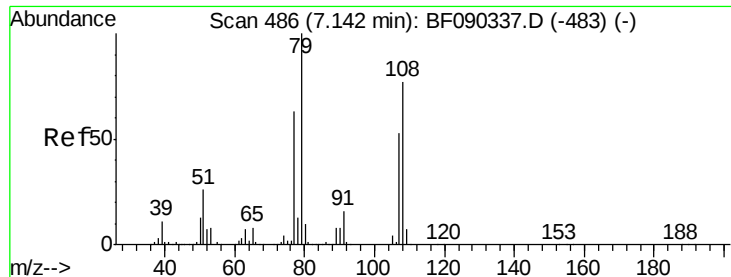
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#14
 1,2-Dichlorobenzene
 Concen: 39.01 ng m
 RT: 7.19 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.3	78.5
111	38.1	38.2	57.4#





#15

Benzyl Alcohol

Concen: 38.63 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

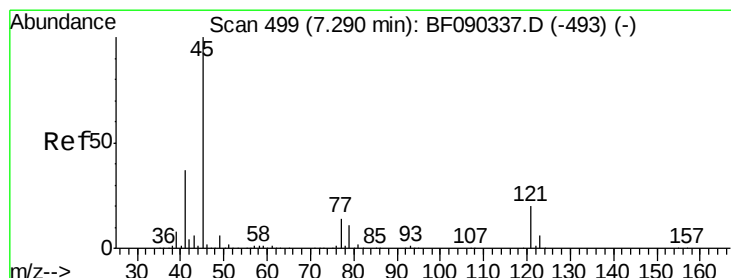
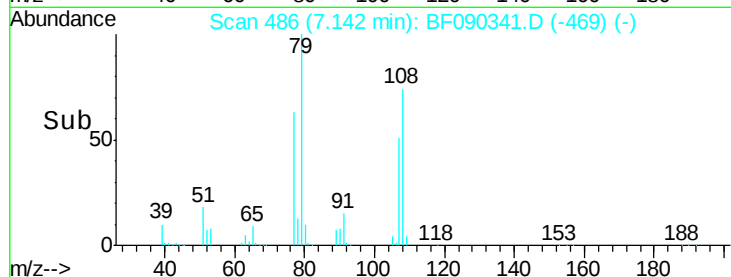
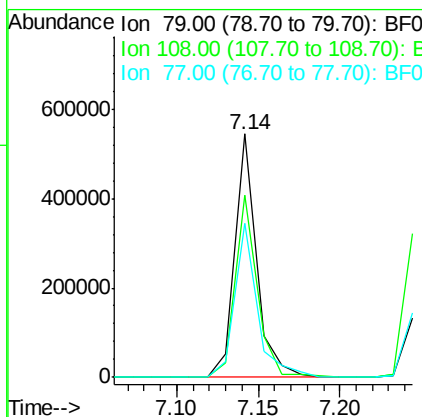
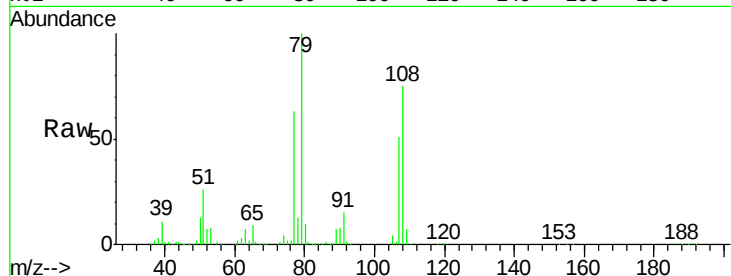
ClientSampleId :

ICVBF100416

Tgt Ion:	79	Resp:	498993
Ion Ratio	Lower	Upper	
79	100		
108	75.0	60.9	91.3
77	63.5	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.19 ng

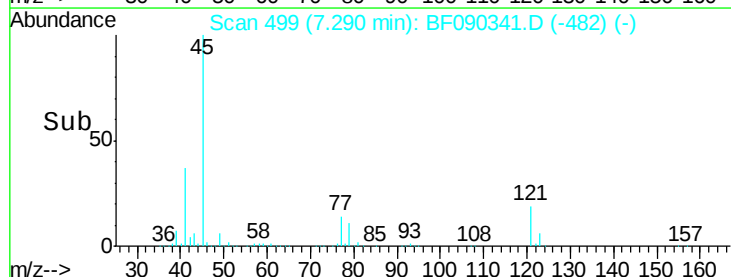
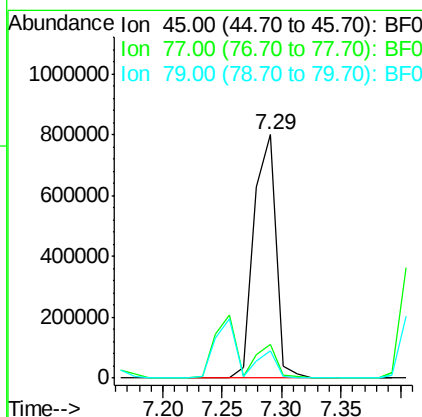
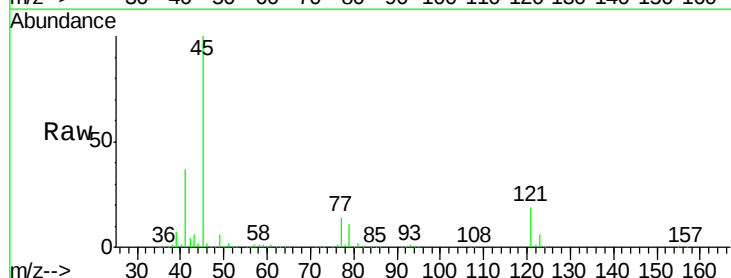
RT: 7.29 min Scan# 499

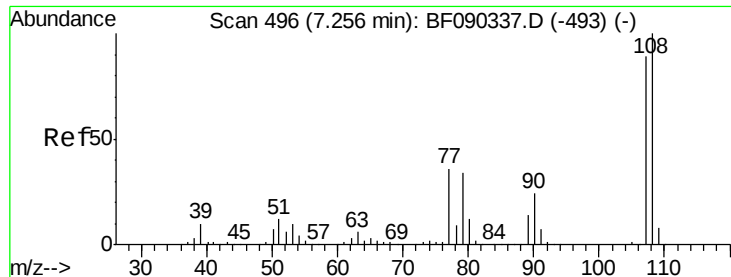
Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Tgt Ion:	45	Resp:	1044834
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	30.8
79	11.0	0.0	28.2





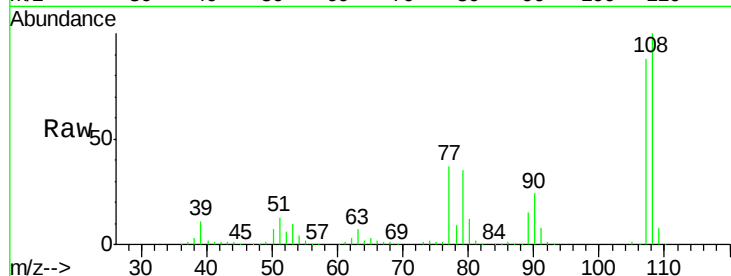
#17
2-Methylphenol
Concen: 42.01 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :
ICVBF100416

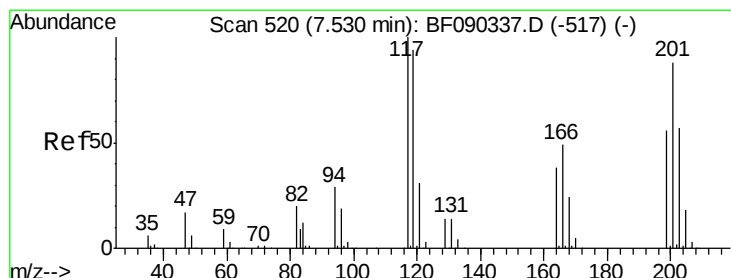
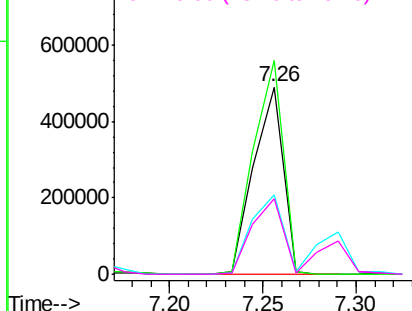
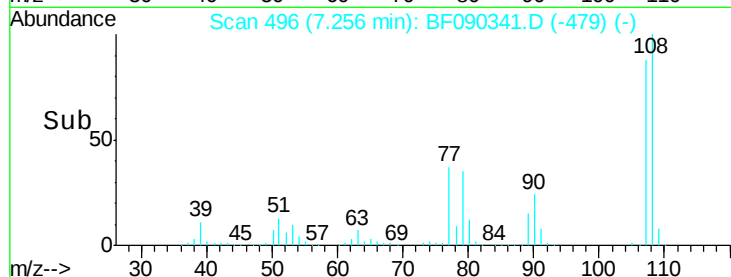
Tgt Ion:	107	Resp:	536128
Ion Ratio	Lower	Upper	
107	100		
108	114.1	90.9	136.3
77	42.7	38.2	57.4
79	40.1	37.0	55.4

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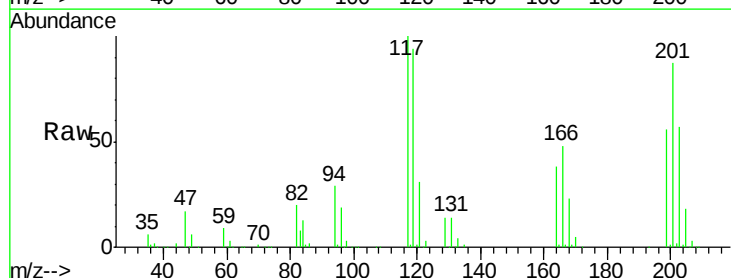


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

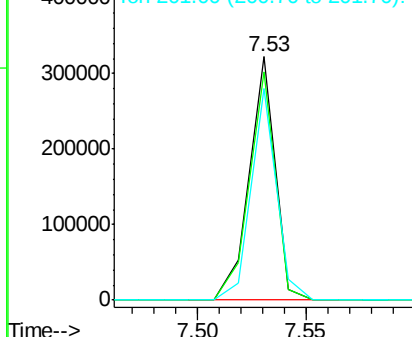
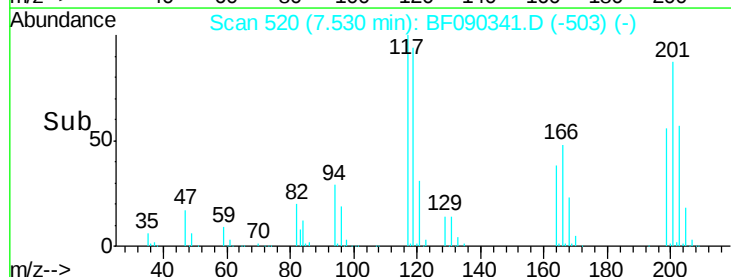


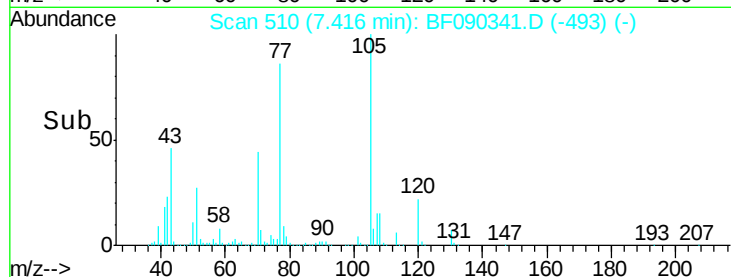
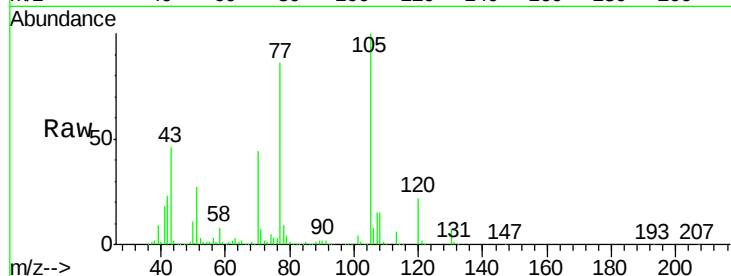
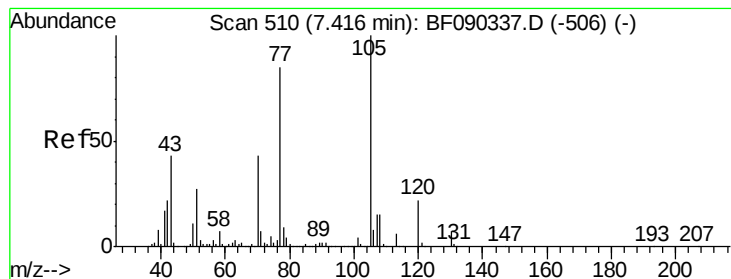
#18
Hexachloroethane
Concen: 42.44 ng
RT: 7.53 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion:	117	Resp:	266806
Ion Ratio	Lower	Upper	
117	100		
119	93.6	75.9	113.9
201	87.2	66.5	99.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.58 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

ICVBF100416

Tgt Ion: 70 Resp: 463165
Ion Ratio Lower Upper

70 100

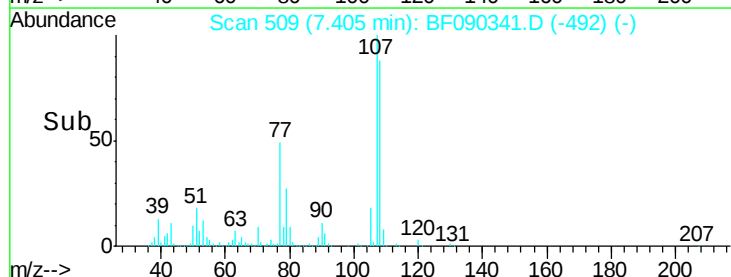
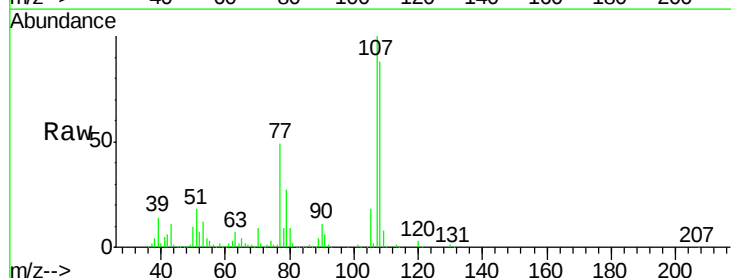
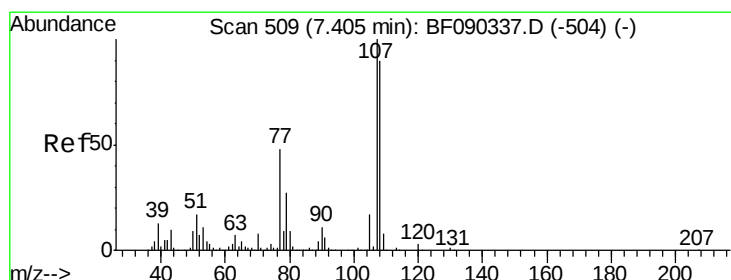
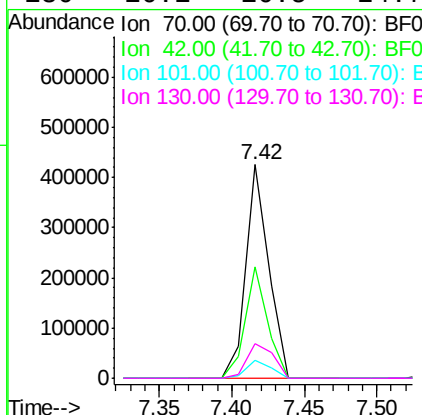
42 52.0 55.4 83.2#

101 8.3 7.6 11.4

130 16.1 16.5 24.7#

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#20

3+4-Methylphenols

Concen: 39.62 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

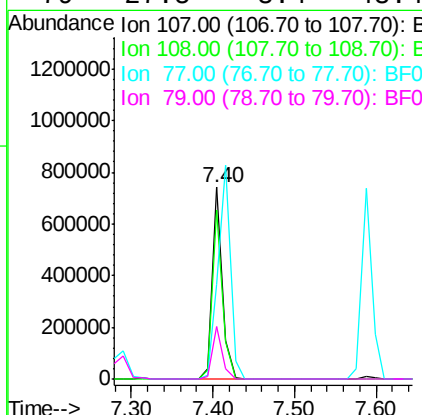
Tgt Ion: 107 Resp: 642832
Ion Ratio Lower Upper

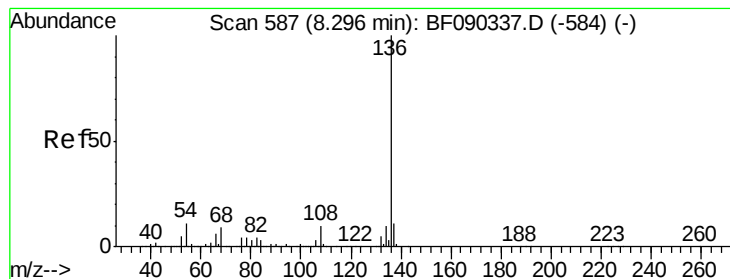
107 100

108 88.3 66.7 106.7

77 49.2 53.7 93.7#

79 27.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

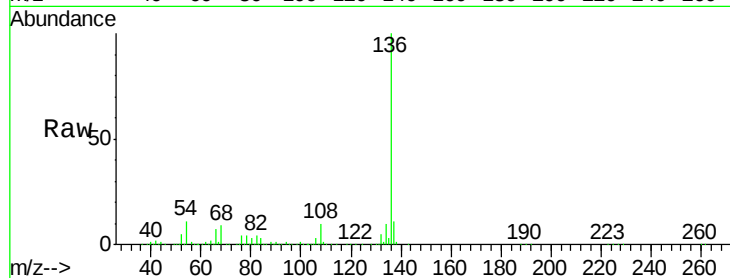
ClientSampleId :

ICVBF100416

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	9.0	13.6
54	10.8	6.6	10.0#
68	9.1	5.0	7.6#

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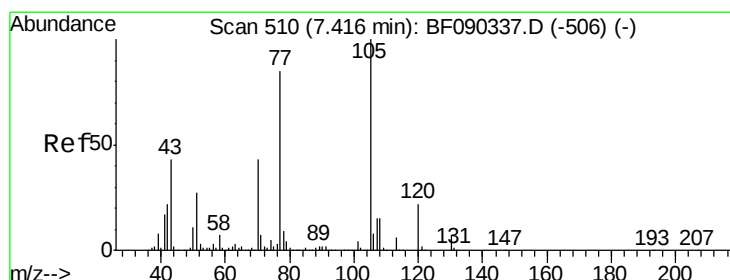
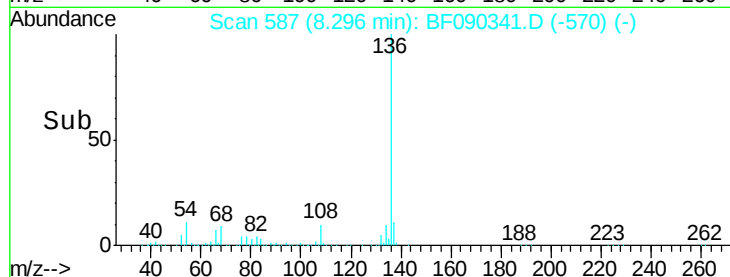
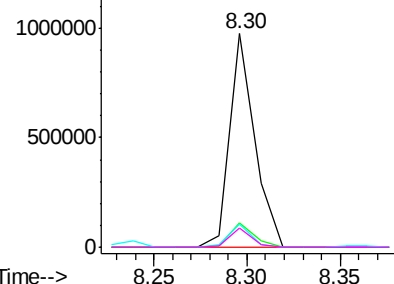


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.91 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

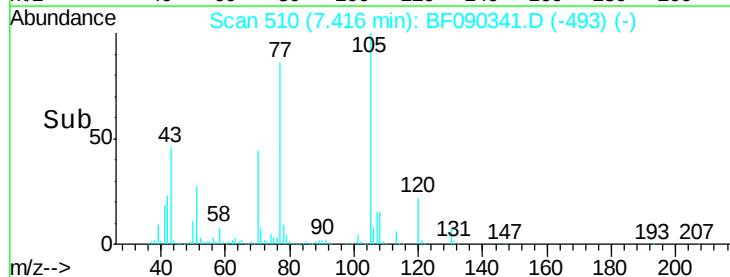
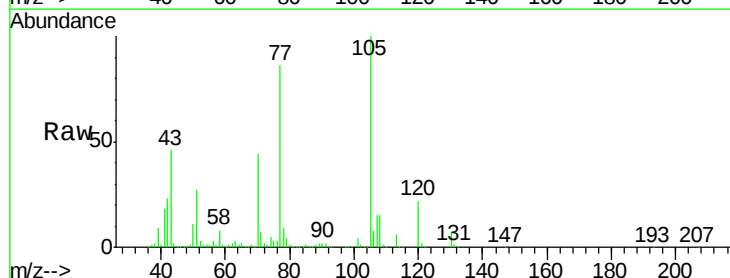
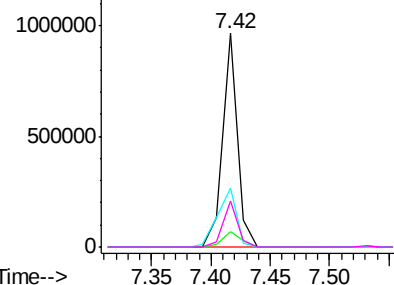
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.5	3.8	5.6#
51	27.4	28.2	42.4#
120	21.5	17.4	26.2

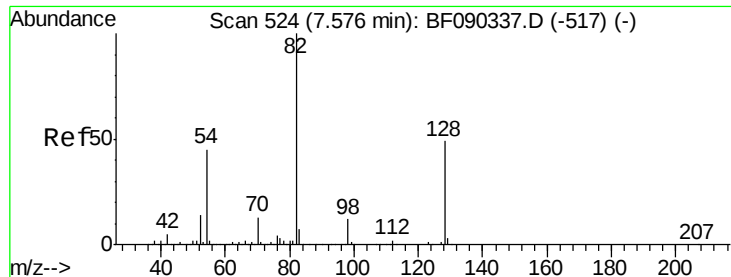
Abundance Ion 105.00 (104.70 to 105.70): E

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





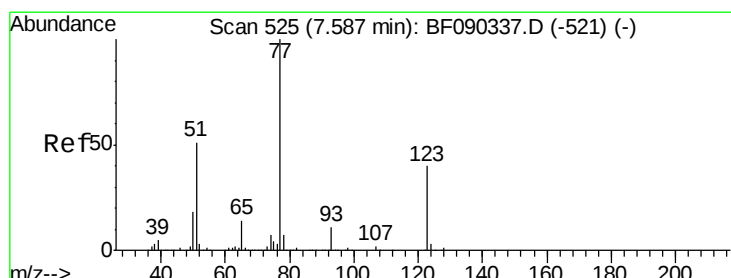
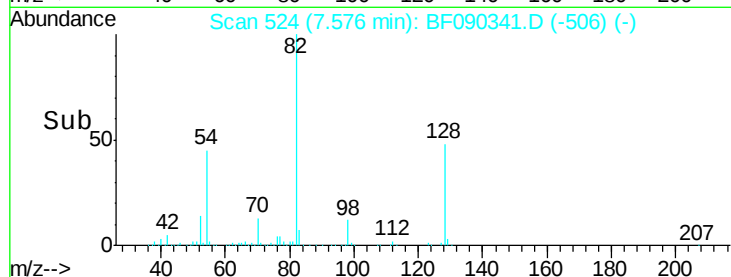
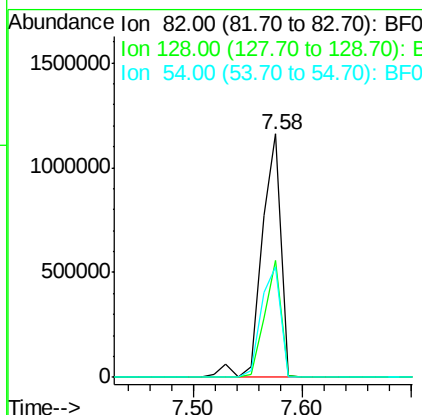
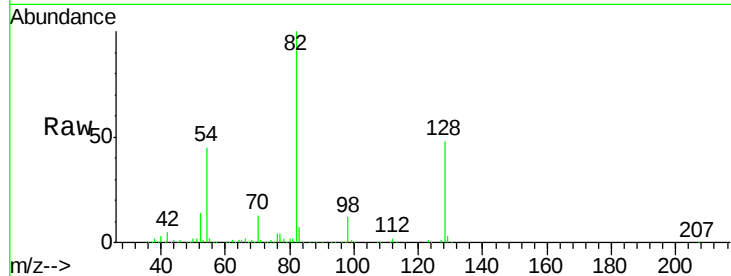
#23
Nitrobenzene-d5
Concen: 91.26 ng
RT: 7.58 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :
ICVBF100416

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	40.0	60.0
54	45.5	42.6	64.0

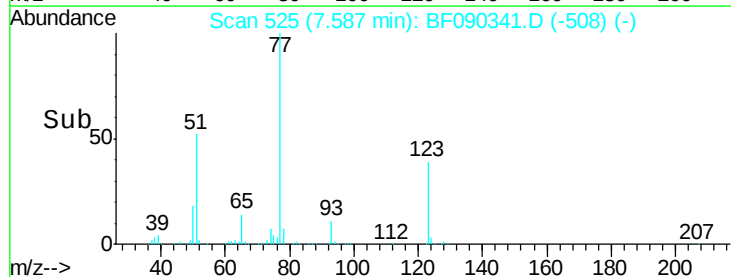
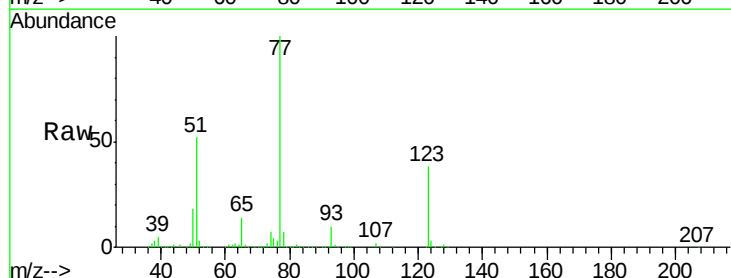
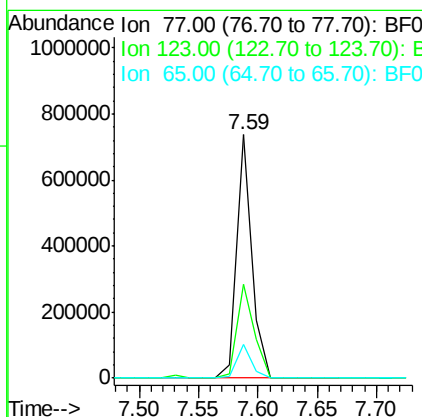
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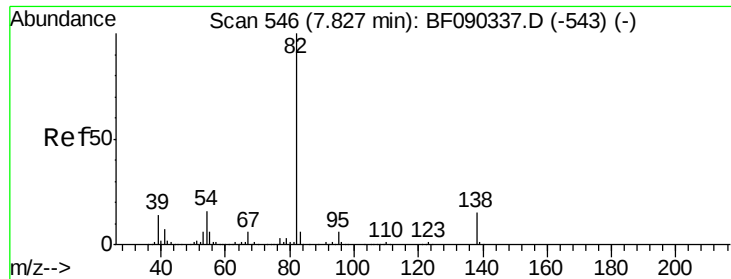
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#24
Nitrobenzene
Concen: 39.53 ng
RT: 7.59 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	33.0	49.4
65	13.7	12.0	18.0





#25

Isophorone

Concen: 39.73 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

ICVBF100416

Tgt Ion: 82 Resp: 1175751

Ion Ratio Lower Upper

82 100

95 5.9 5.2 7.8

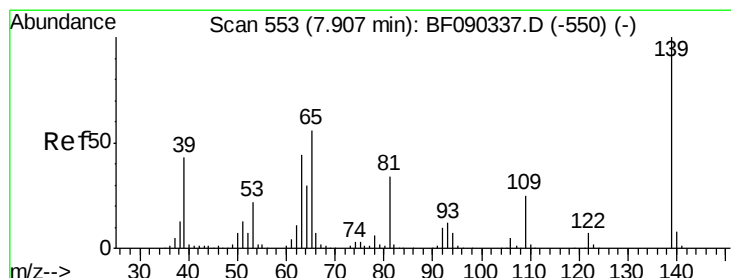
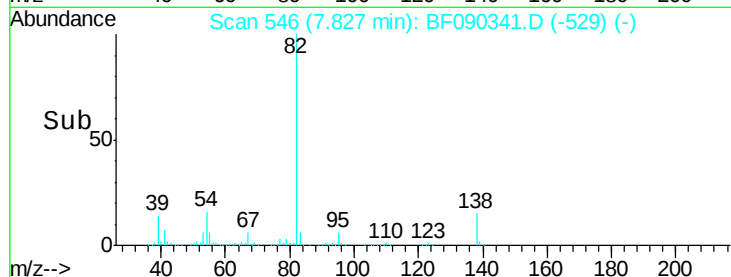
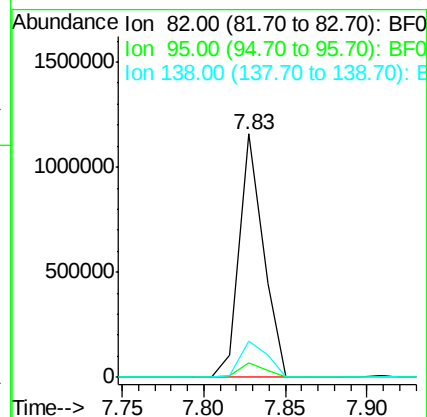
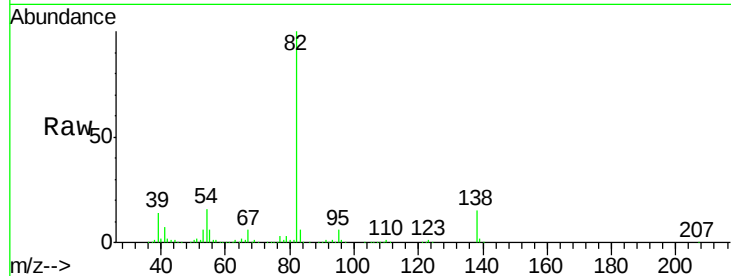
138 14.7 13.0 19.4

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#26

2-Nitrophenol

Concen: 44.66 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

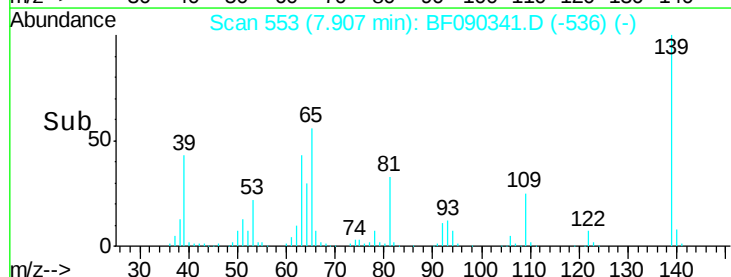
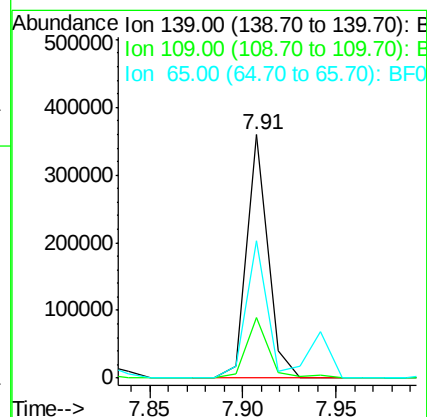
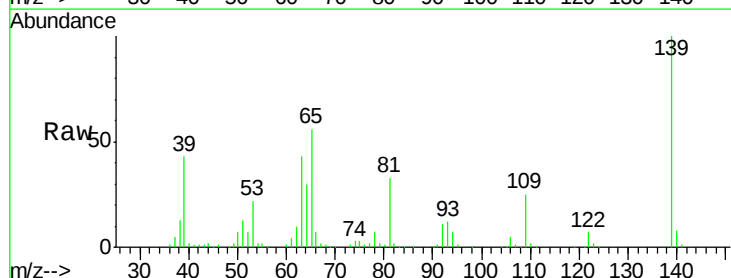
Tgt Ion: 139 Resp: 286227

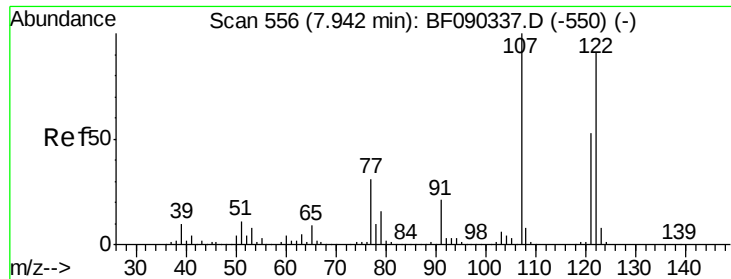
Ion Ratio Lower Upper

139 100

109 24.8 18.9 28.3

65 56.3 31.6 47.4#





#27

2,4-Dimethylphenol

Concen: 42.83 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

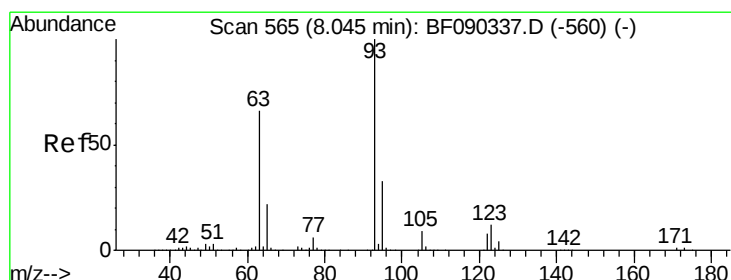
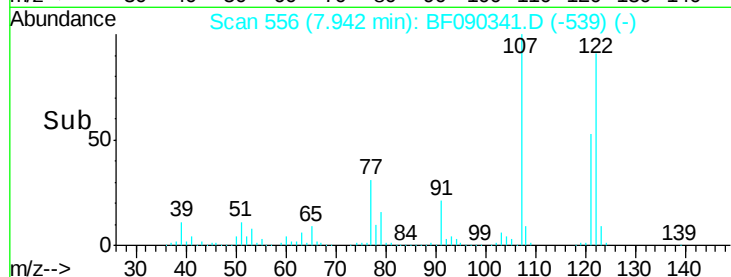
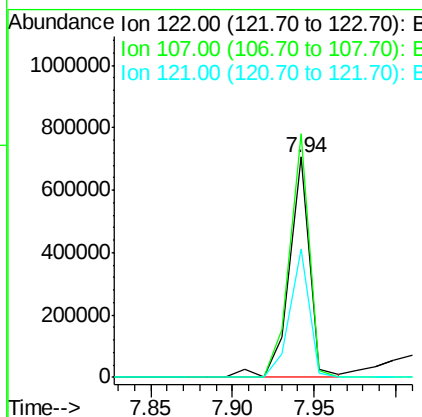
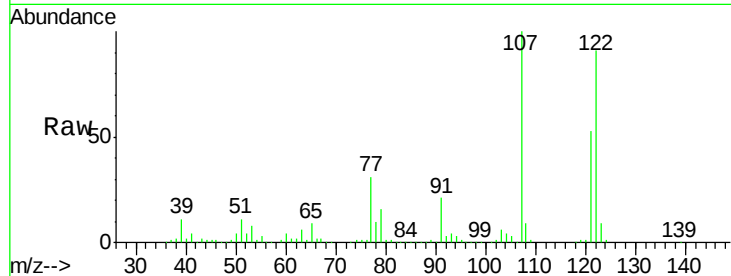
ClientSampleId :

ICVBF100416

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	619190		
107	110.5	88.6	132.8	
121	58.0	47.5	71.3	

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#28

bis(2-Chloroethoxy)methane

Concen: 45.10 ng

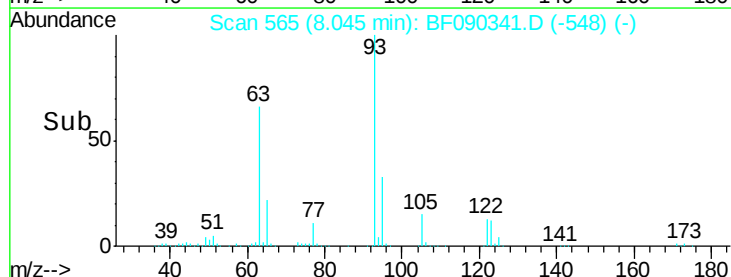
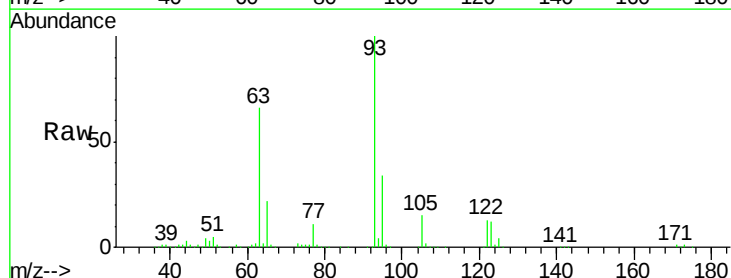
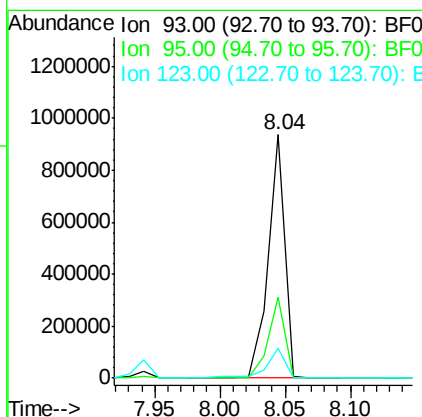
RT: 8.04 min Scan# 565

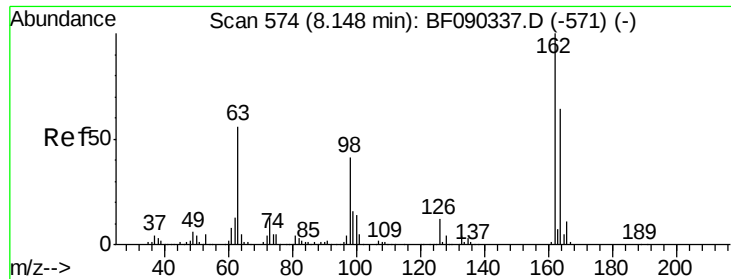
Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	828665		
95	33.5	27.0	40.4	
123	12.4	11.1	16.7	





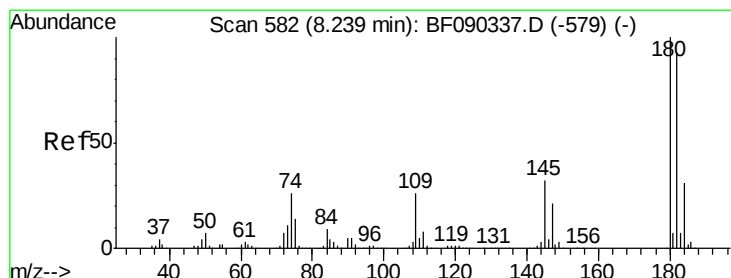
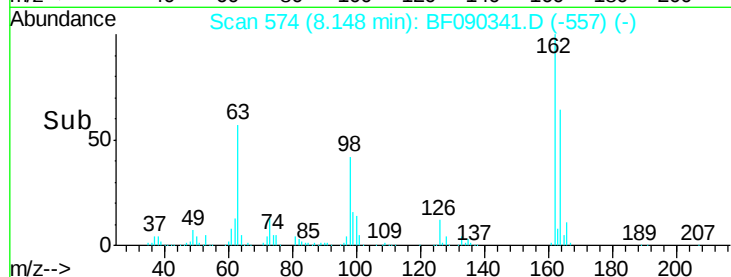
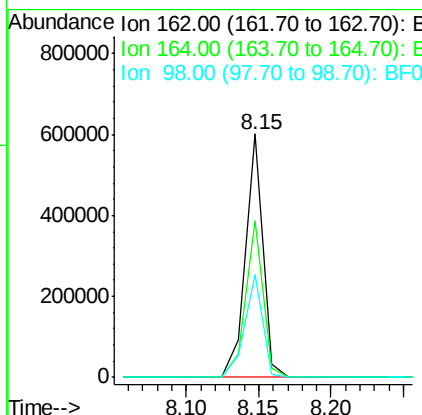
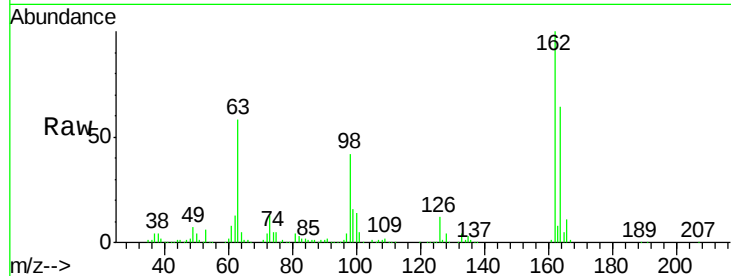
#29
2,4-Dichlorophenol
Concen: 42.37 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :
ICVBF100416

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	501556		
164	64.5	45.7	85.7	
98	42.0	13.3	53.3	

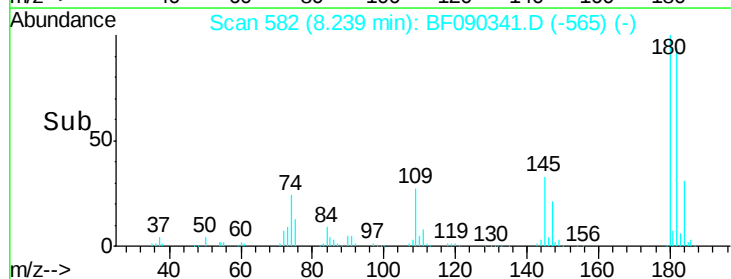
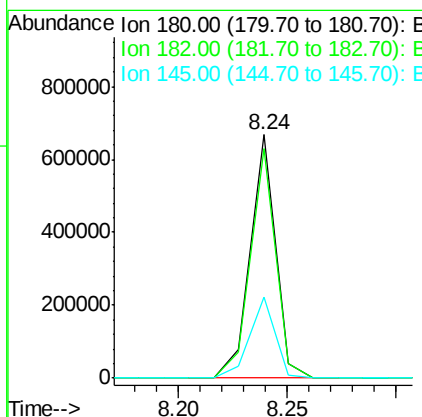
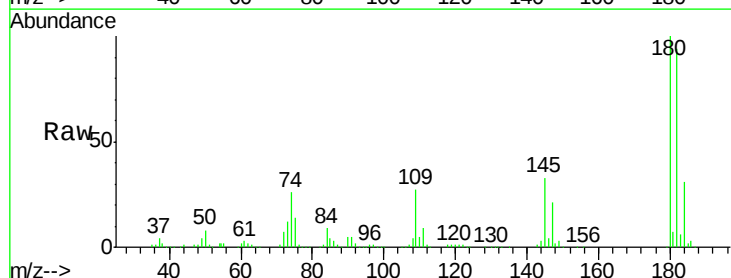
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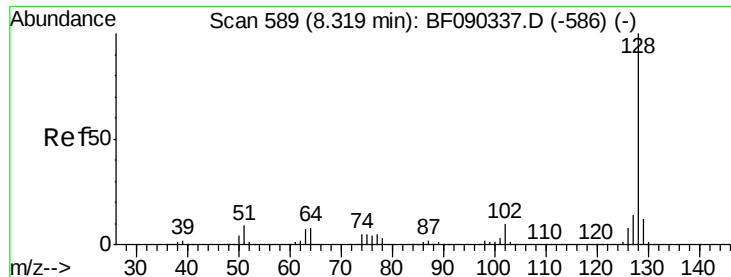
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#30
1,2,4-Trichlorobenzene
Concen: 40.79 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	540788		
182	94.3	75.3	112.9	
145	33.4	27.7	41.5	





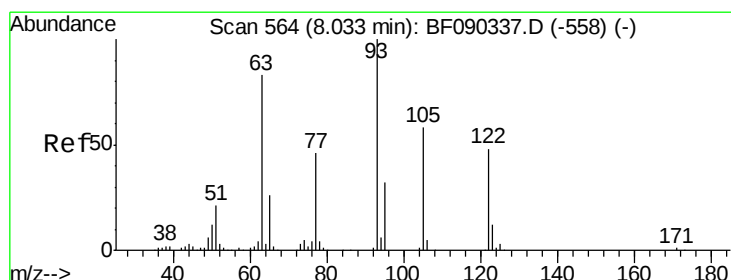
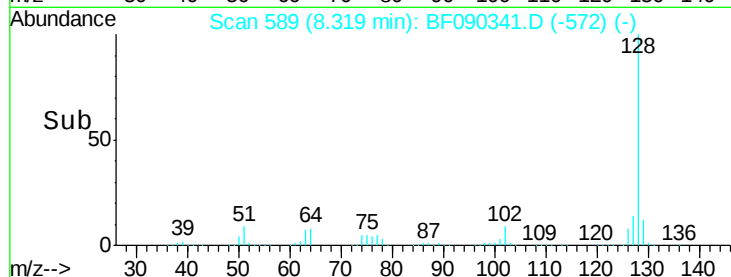
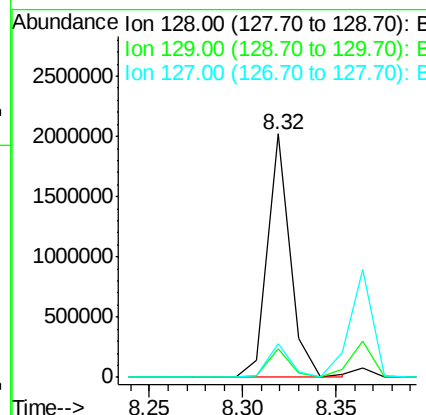
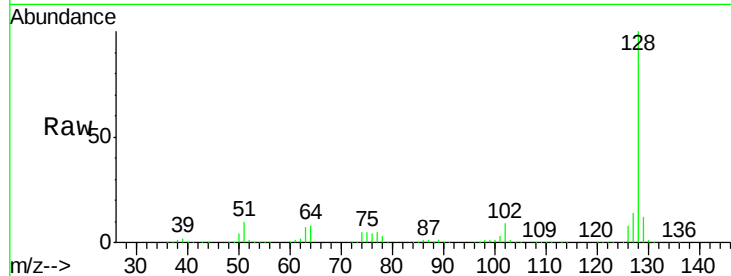
#31
Naphthalene
Concen: 39.64 ng
RT: 8.32 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :
ICVBF100416

Tgt Ion:128 Resp: 1717661
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.6 11.7 17.5

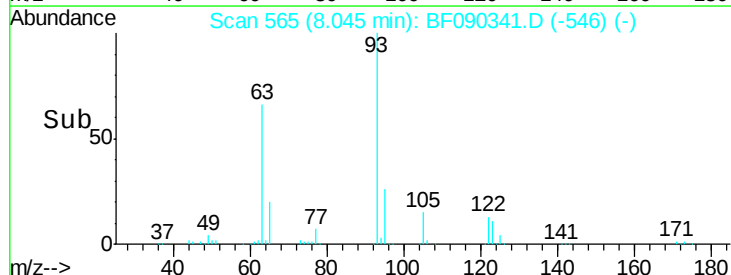
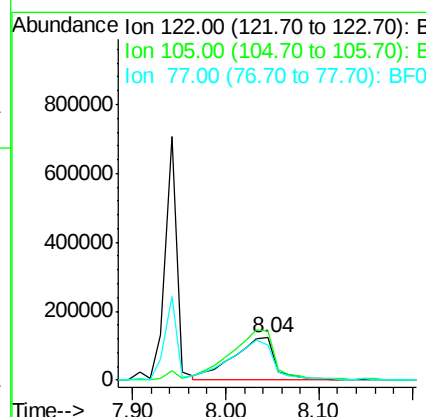
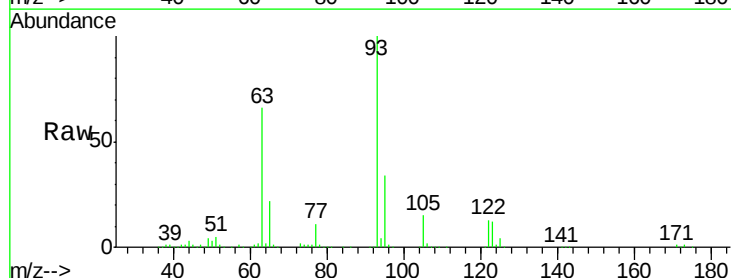
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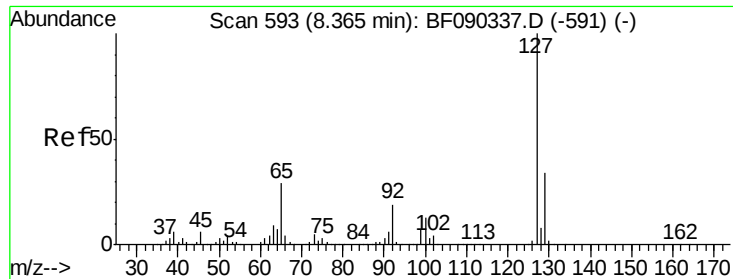
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#32
Benzoic acid
Concen: 41.95 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion:122 Resp: 382977
Ion Ratio Lower Upper
122 100
105 117.1 103.9 143.9
77 84.6 74.6 114.6





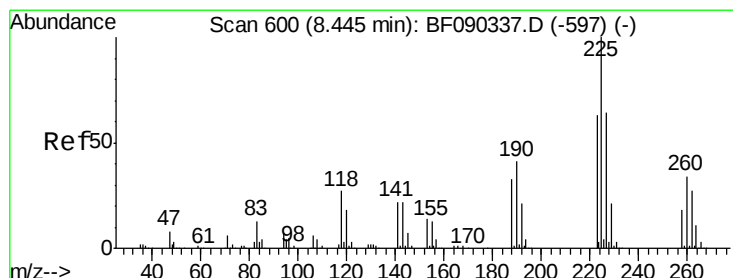
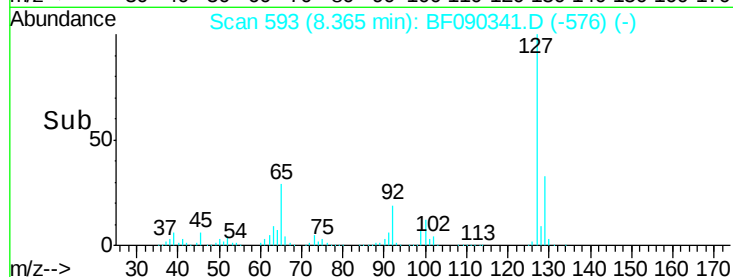
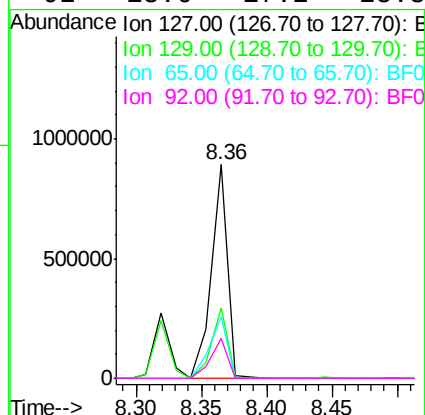
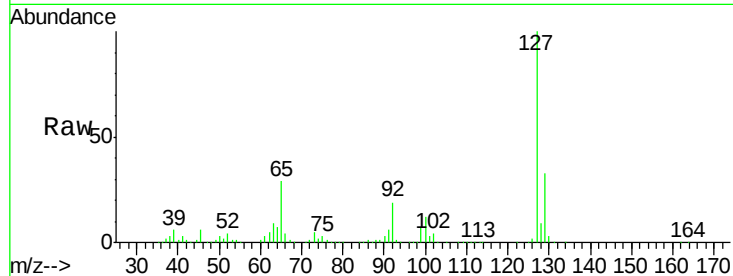
#33
4-Chloroaniline
Concen: 44.17 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampled :
ICVBF100416

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	764661		
129	33.2	26.2	39.4	
65	28.7	32.5	48.7	
92	18.6	17.2	25.8	

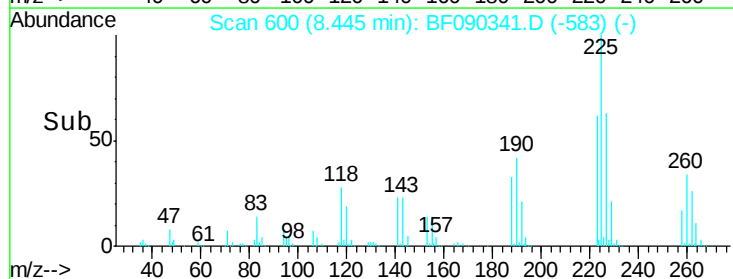
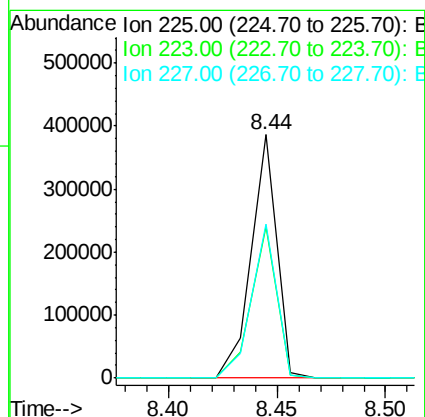
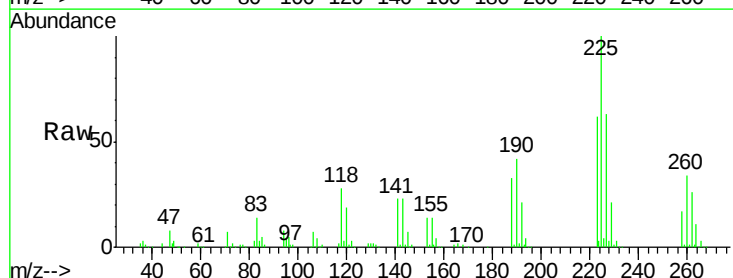
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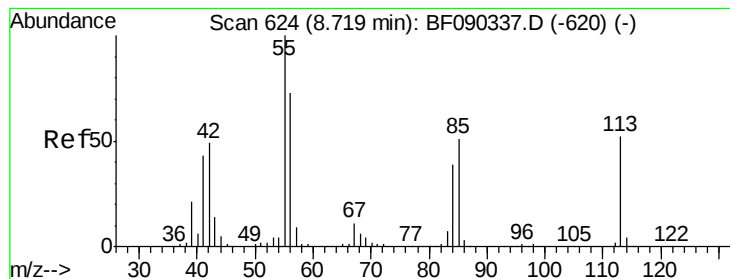
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#34
Hexachlorobutadiene
Concen: 40.29 ng
RT: 8.44 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	314418		
223	62.0	51.0	76.4	
227	63.3	50.8	76.2	





#35

Caprolactam

Concen: 42.48 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

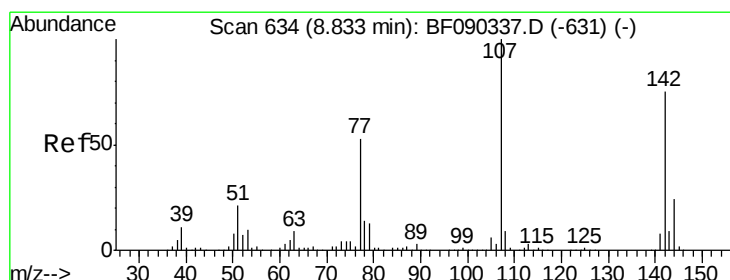
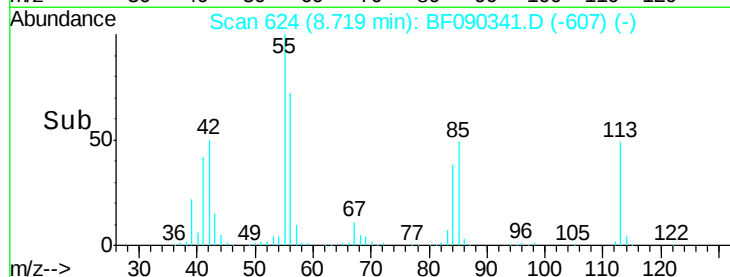
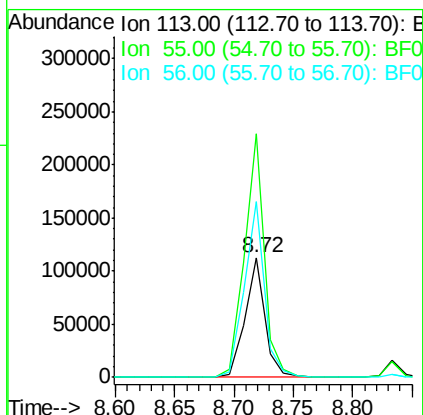
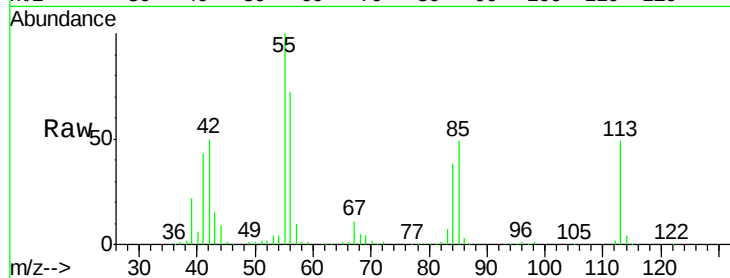
ClientSampleId :

ICVBF100416

Tgt Ion	Ratio	Lower	Upper
113	100		
55	203.3	203.3	243.3
56	147.2	140.5	180.5

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#36

4-Chloro-3-methylphenol

Concen: 39.95 ng

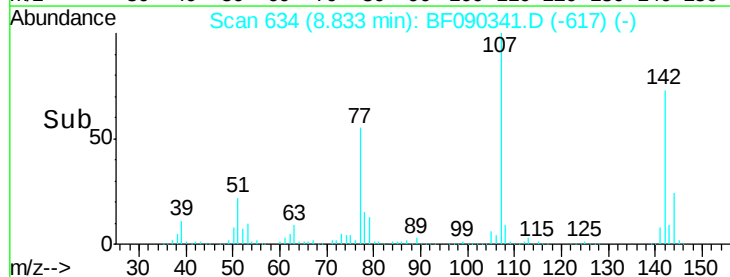
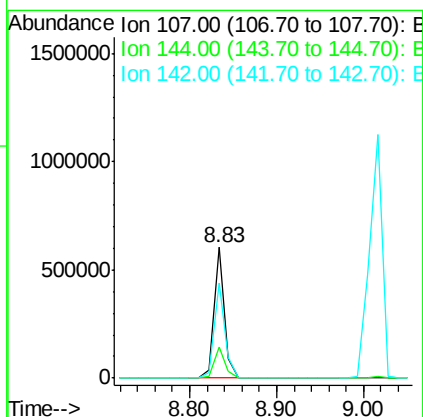
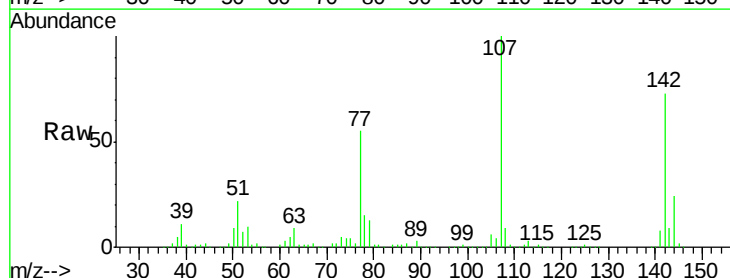
RT: 8.83 min Scan# 634

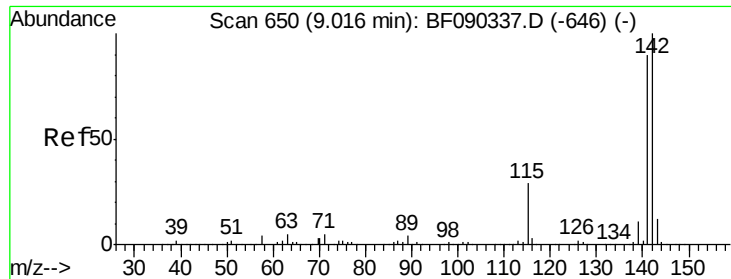
Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.8	29.8
142	73.0	60.7	91.1





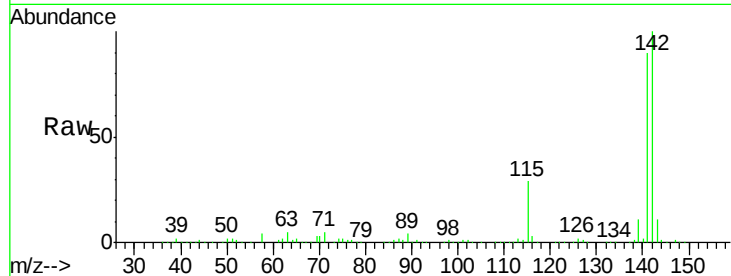
#37
 2-Methylnaphthalene
 Concen: 40.73 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100416

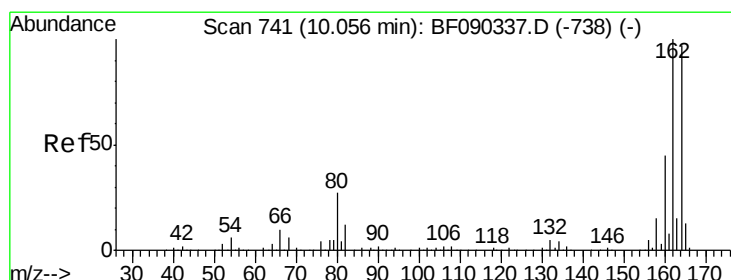
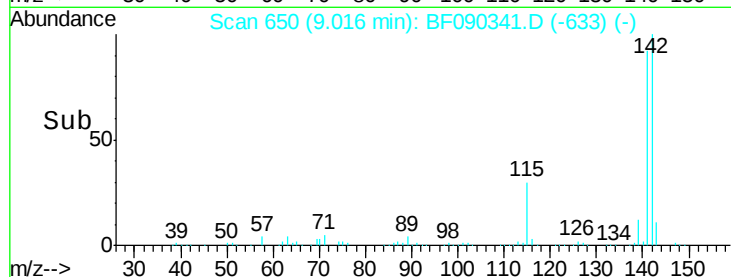
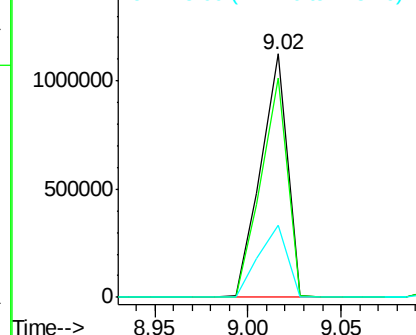
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.8	107.8
115	29.4	28.8	43.2

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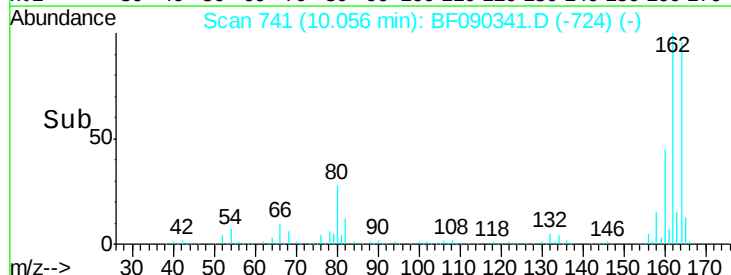
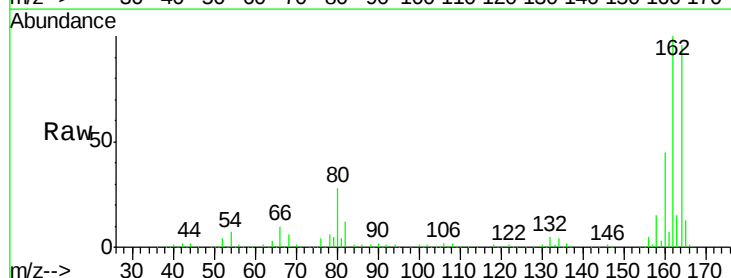
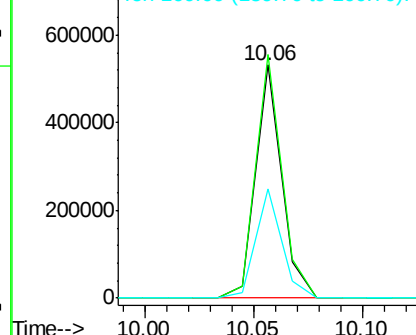
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

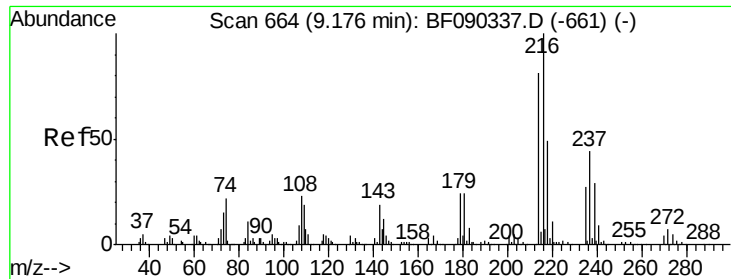


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.06 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.1	120.1
160	46.7	36.3	54.5

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





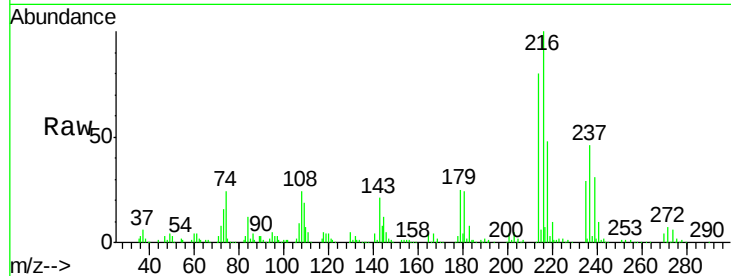
#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.44 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :
ICVBF100416

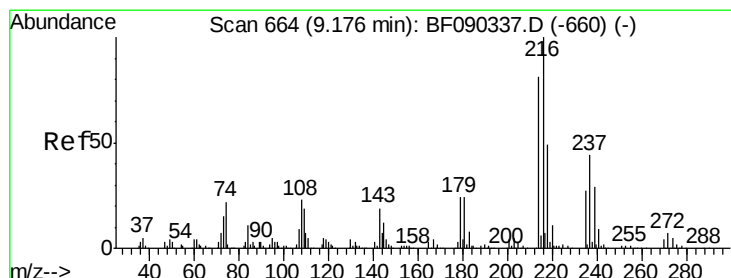
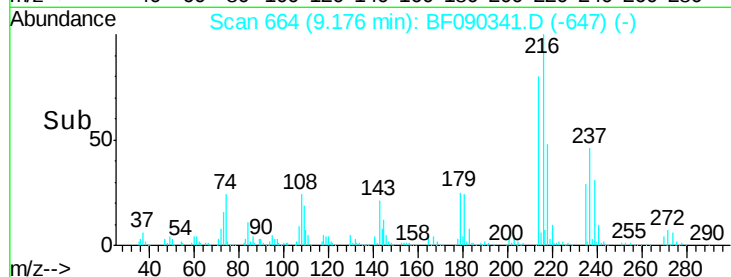
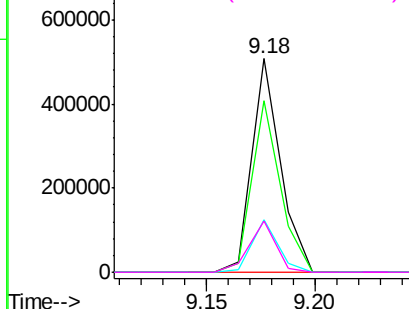
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	465193		
214	79.4	64.2	96.2	
179	22.8	18.0	27.0	
108	22.8	15.2	22.8	

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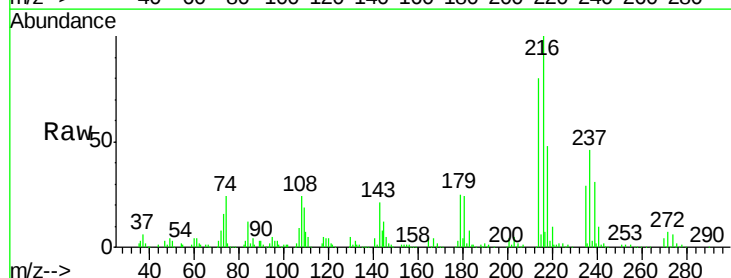


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

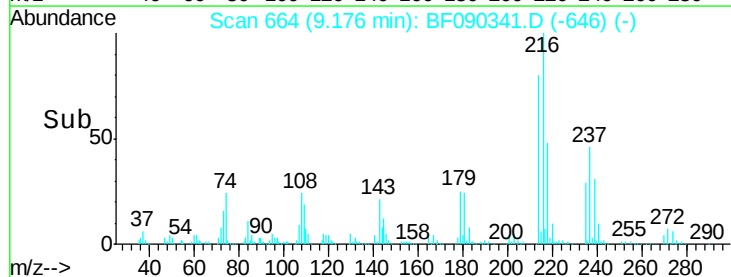
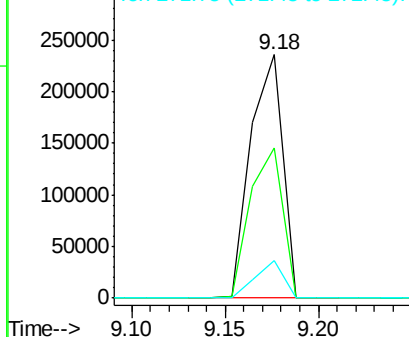


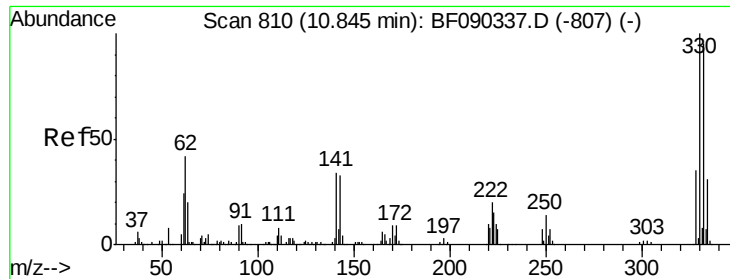
#40
Hexachlorocyclopentadiene
Concen: 37.03 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	279955		
235	61.8	43.6	83.6	
272	15.2	0.0	32.7	



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





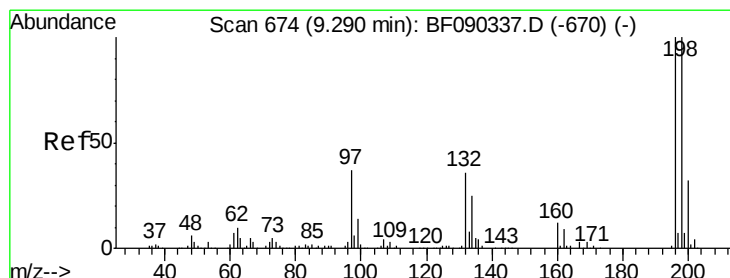
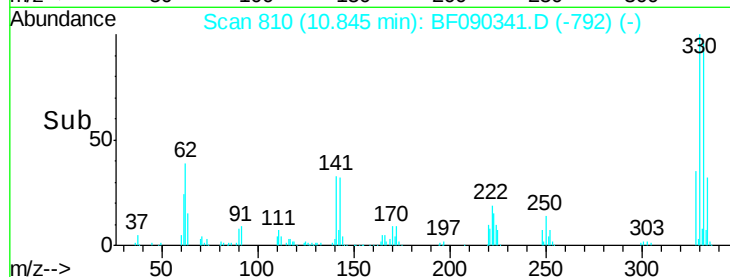
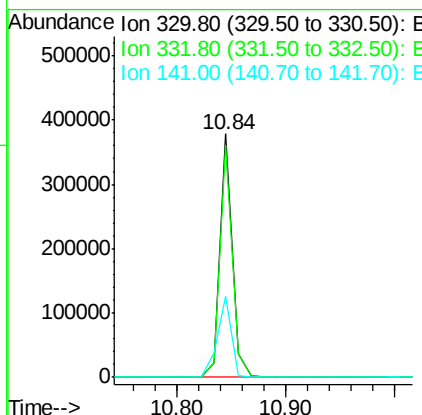
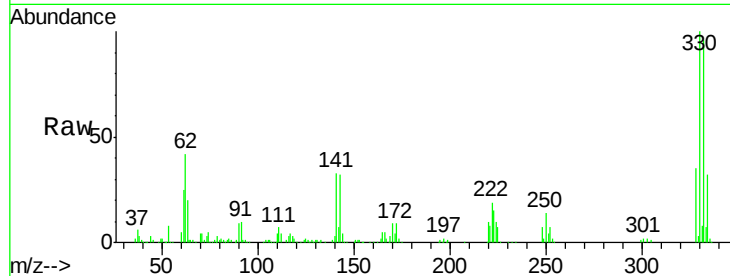
#41
 2,4,6-Tribromophenol
 Concen: 79.32 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100416

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	303297		
332	96.0	75.4	113.0	
141	38.2	26.9	40.3	

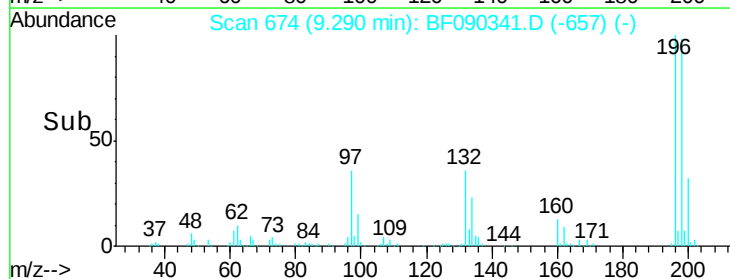
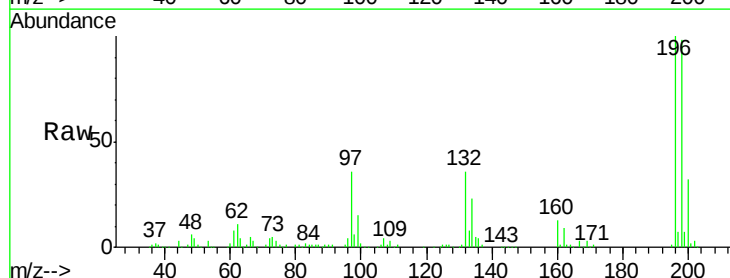
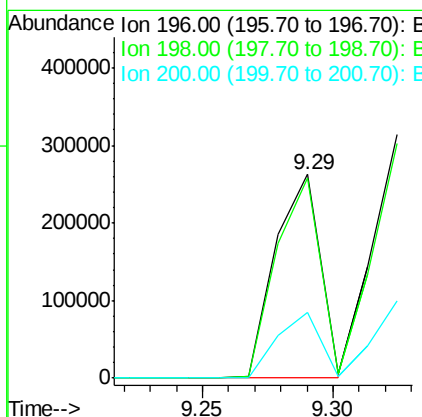
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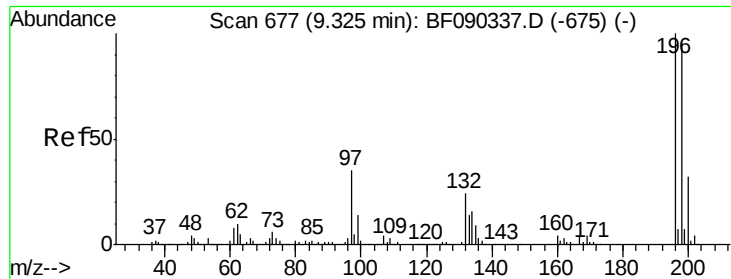
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#42
 2,4,6-Trichlorophenol
 Concen: 39.95 ng
 RT: 9.29 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	312265		
198	98.1	78.9	118.3	
200	32.5	25.4	38.2	





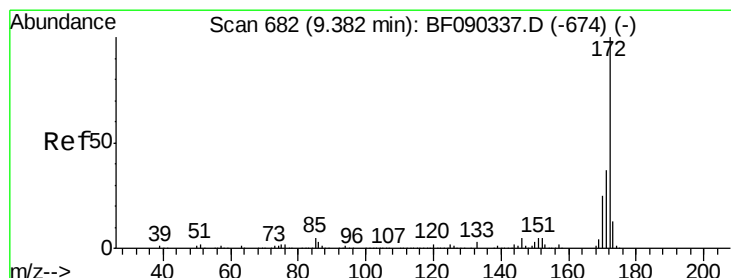
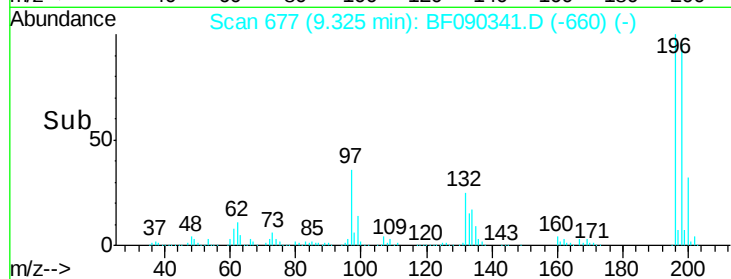
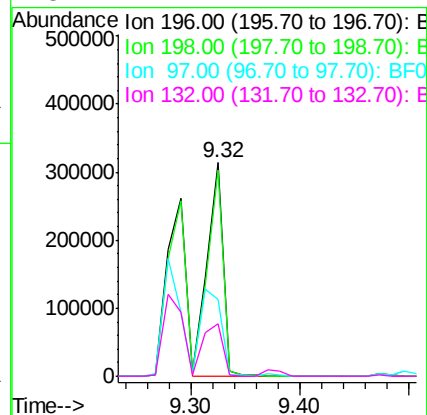
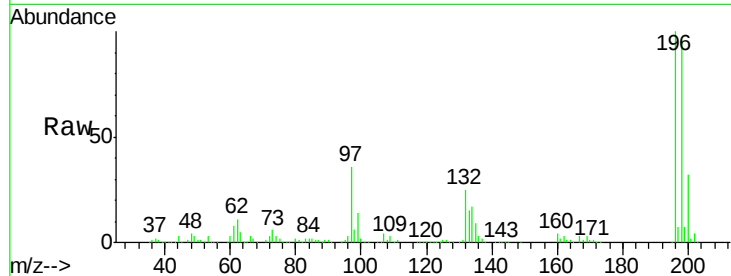
#43
 2,4,5-Trichlorophenol
 Concen: 41.17 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100416

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	323806		
198	96.5	78.1	117.1	
97	35.8	48.1	72.1	#
132	24.7	27.4	41.2	#

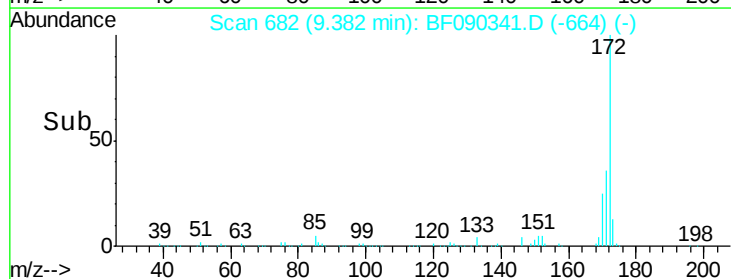
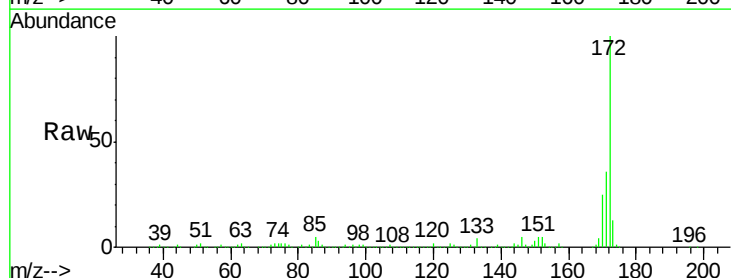
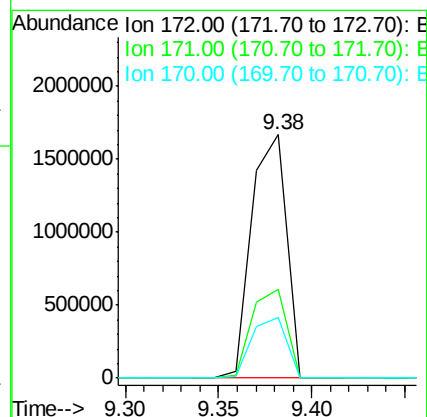
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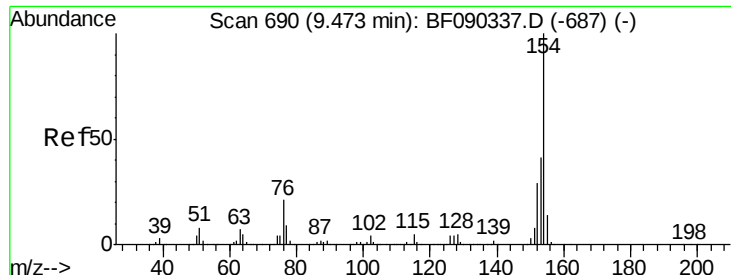
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#44
 2-Fluorobiphenyl
 Concen: 79.84 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2155644		
171	36.5	31.8	47.8	
170	24.9	21.7	32.5	





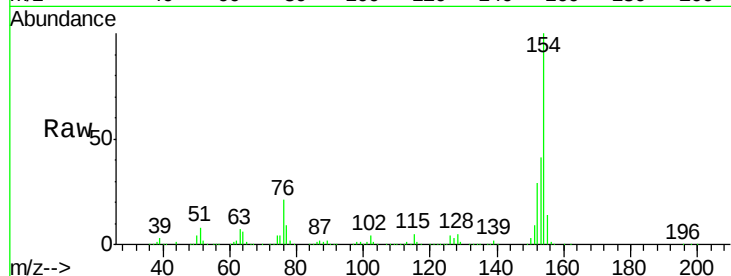
#45
1,1'-Biphenyl
Concen: 37.59 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :
ICVBF100416

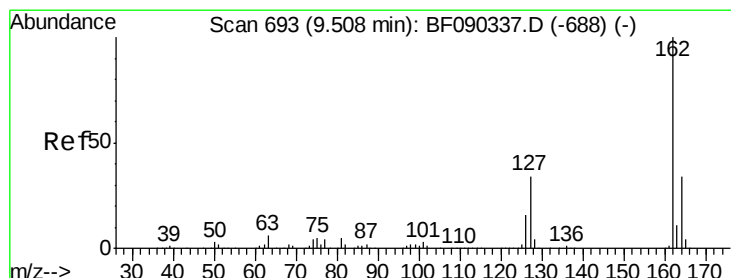
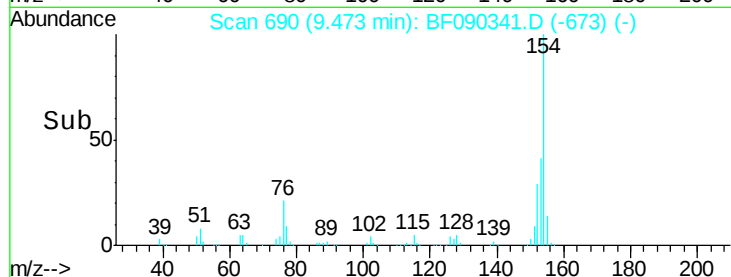
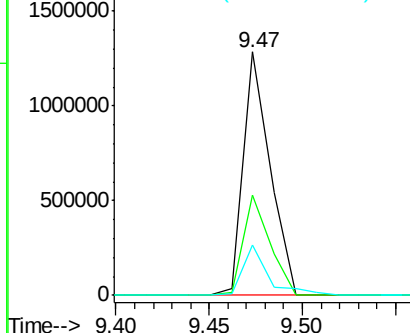
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.8	63.8
76	20.7	0.0	35.8

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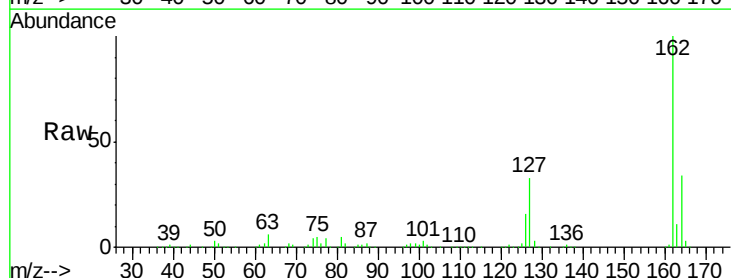


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

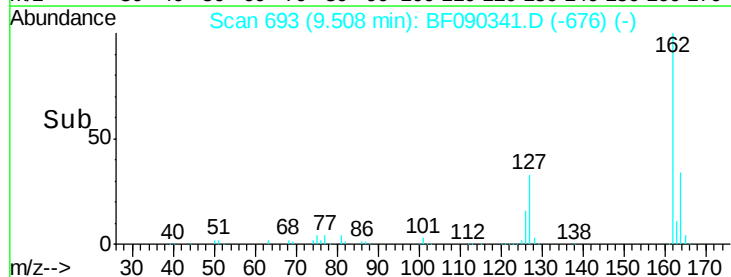
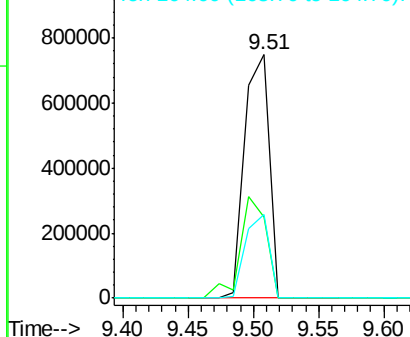


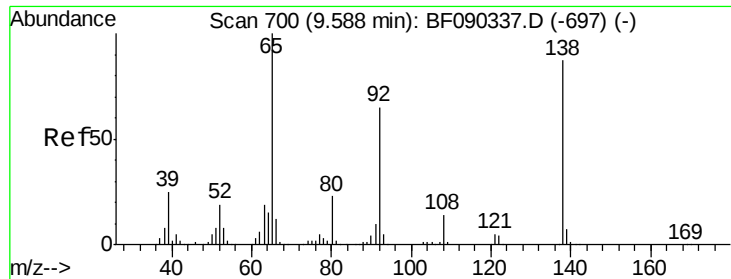
#46
2-Chloronaphthalene
Concen: 38.18 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.1	35.6	53.4#
164	34.3	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





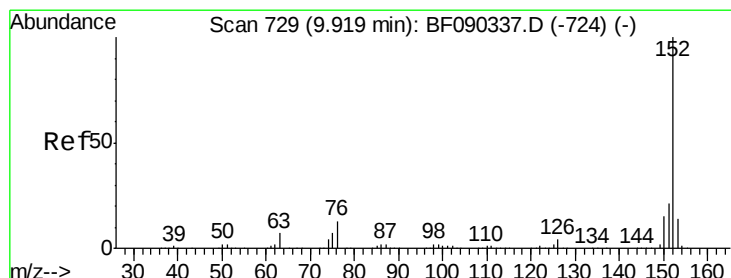
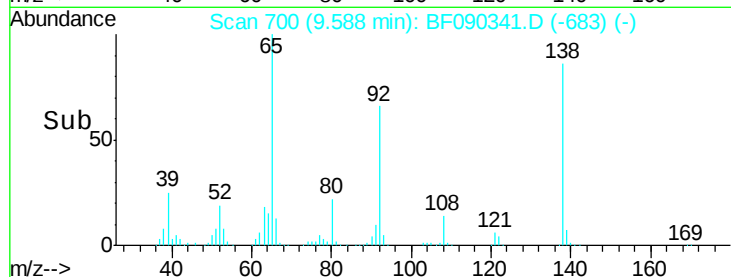
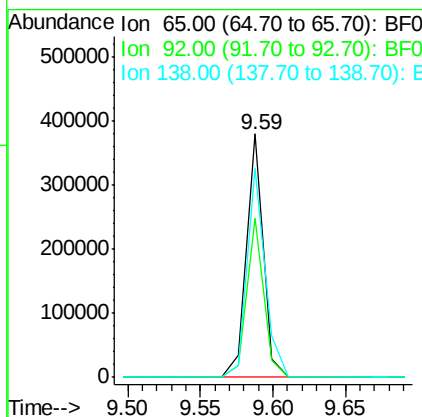
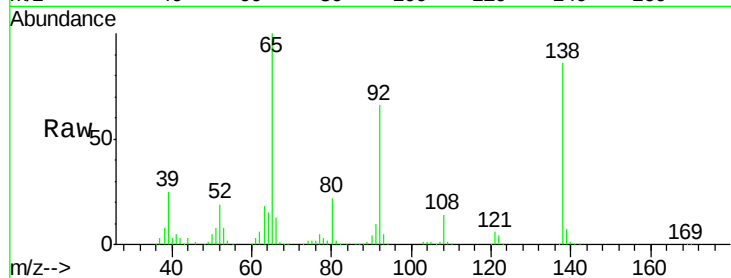
#47
2-Nitroaniline
Concen: 43.59 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :
ICVBF100416

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	51.7	77.5
138	86.1	79.0	118.4

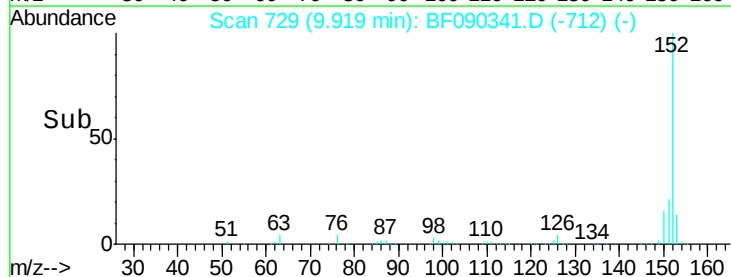
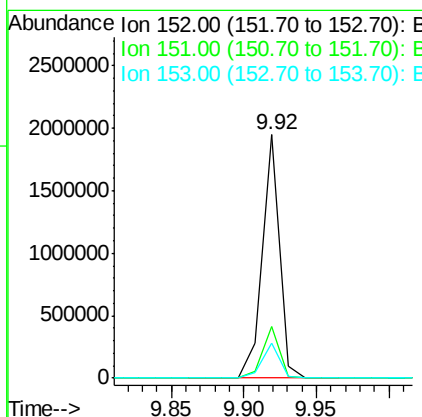
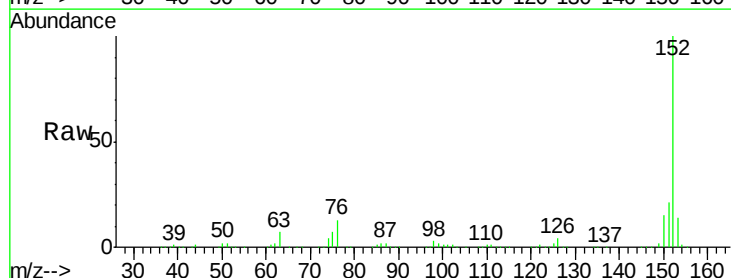
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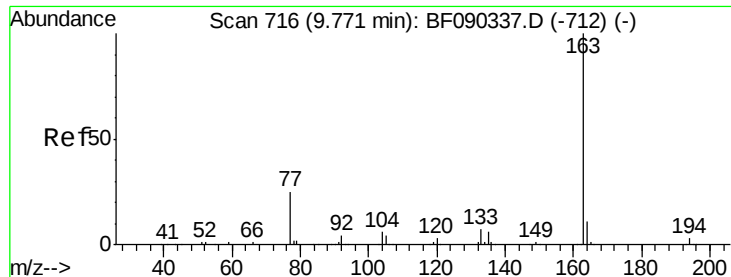
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#48
Acenaphthylene
Concen: 41.39 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.4	26.0
153	14.1	11.6	17.4





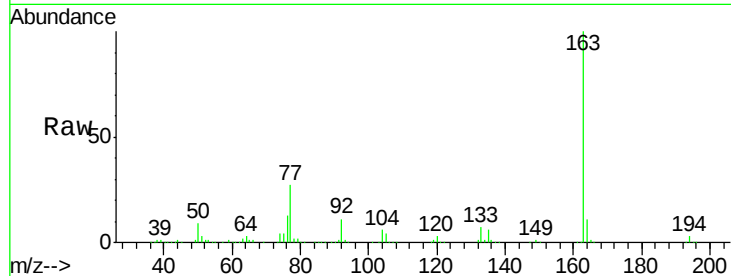
#49
Dimethylphthalate
Concen: 37.94 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :
ICVBF100416

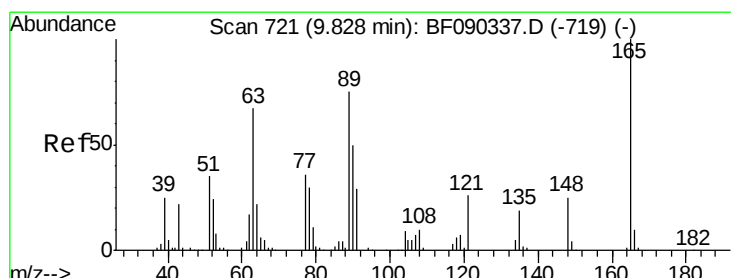
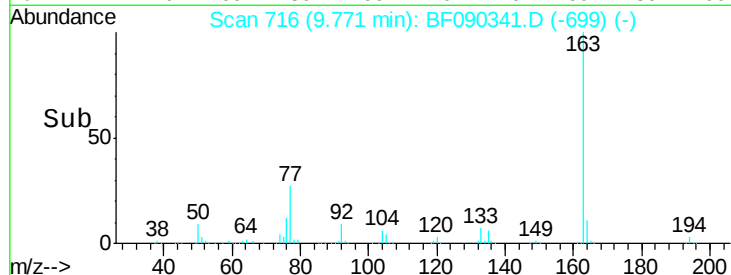
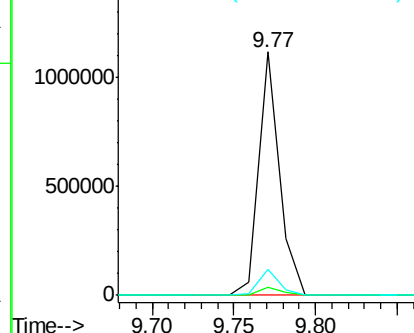
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.8	4.2
164	10.9	9.0	13.4

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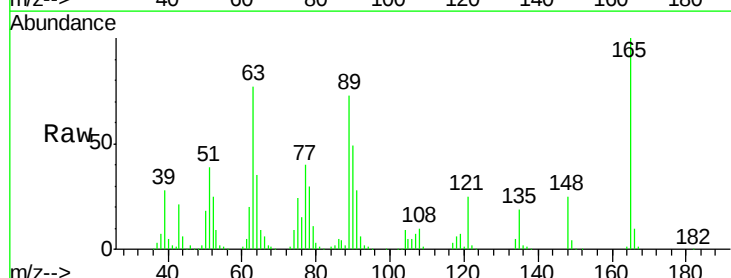


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

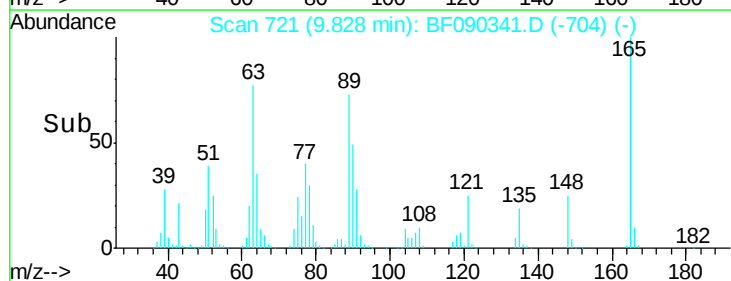
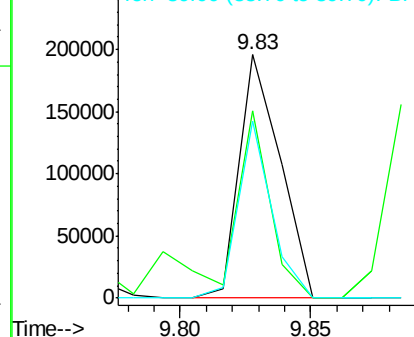


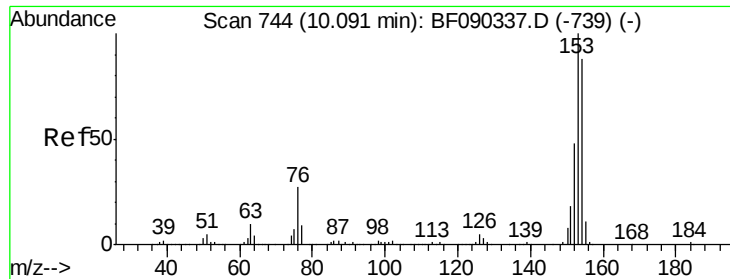
#50
2,6-Dinitrotoluene
Concen: 37.41 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	77.2	58.0	87.0
89	72.5	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: 40.31 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

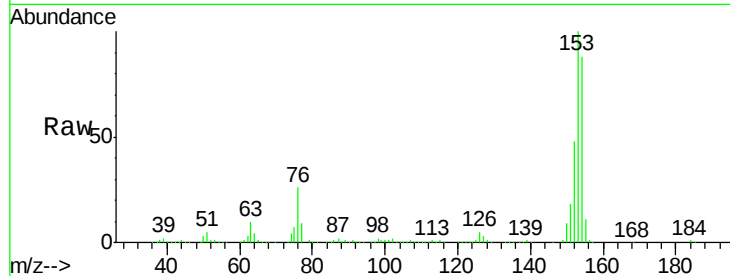
ClientSampleId :

ICVBF100416

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	949266		
153	113.9	88.6	133.0	
152	55.0	42.6	64.0	

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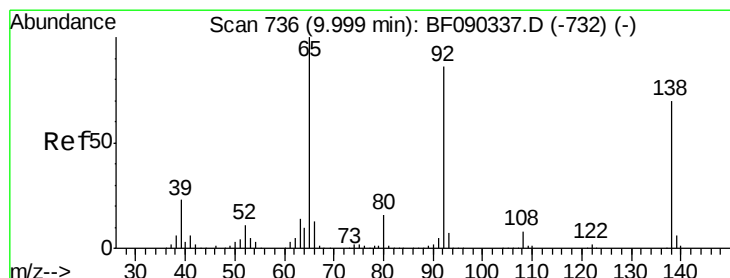
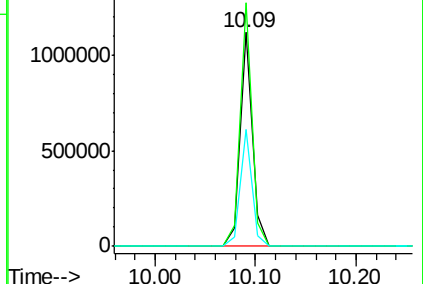
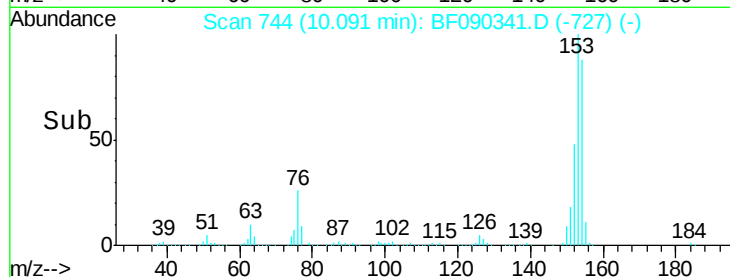
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.92 ng

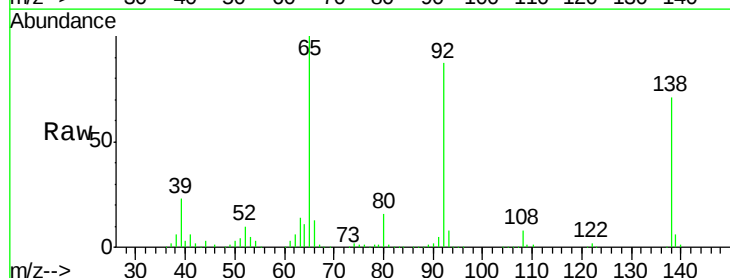
RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

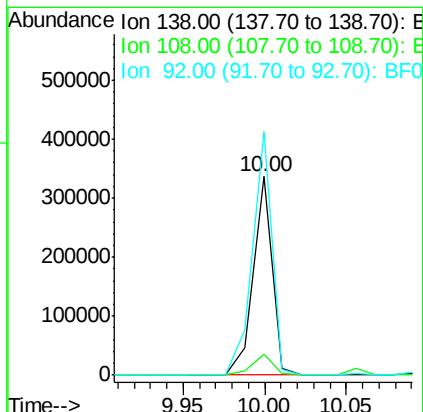
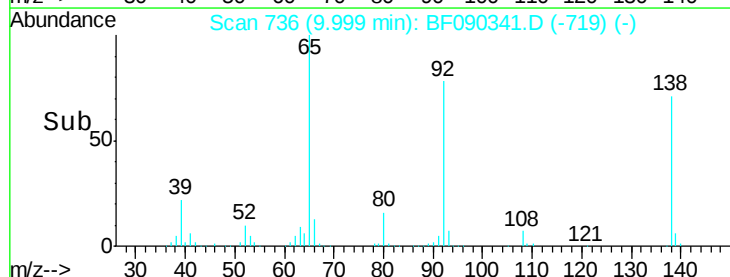
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	270697		
108	10.8	9.7	14.5	
92	122.8	97.1	145.7	

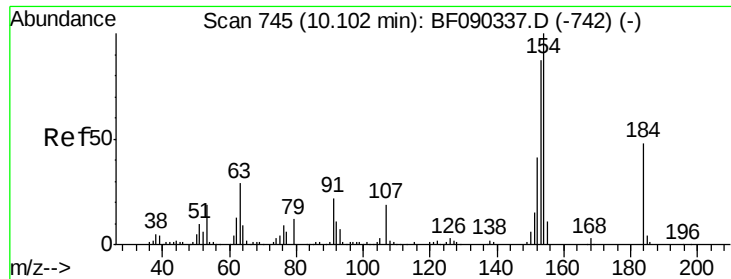


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

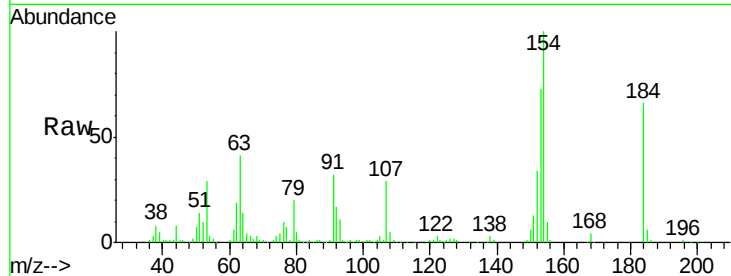
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 44.48 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

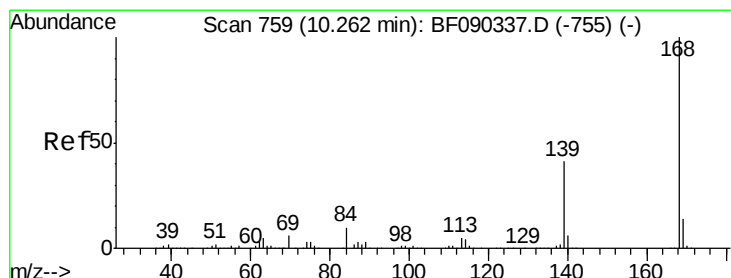
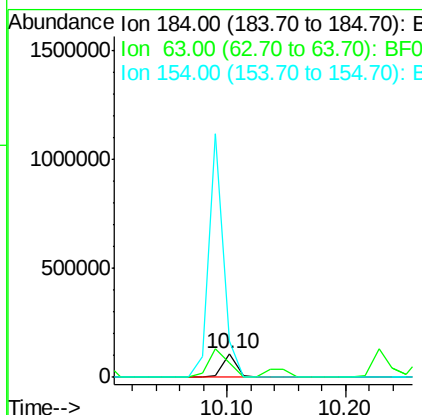
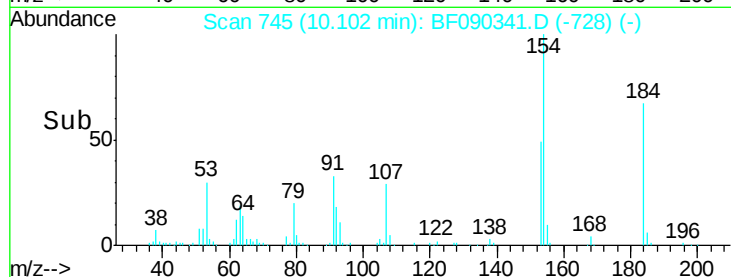
Instrument :
BNA_F
ClientSampled :
ICVBF100416



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	86008		
63	61.6	41.9	62.9	
154	150.6	48.9	73.3#	

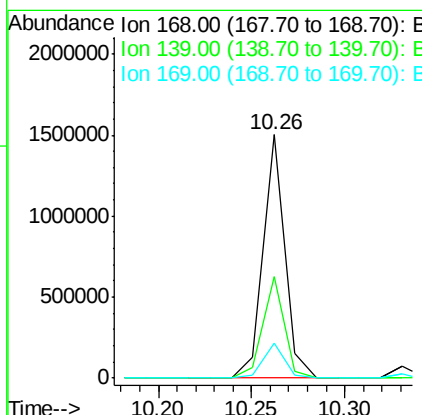
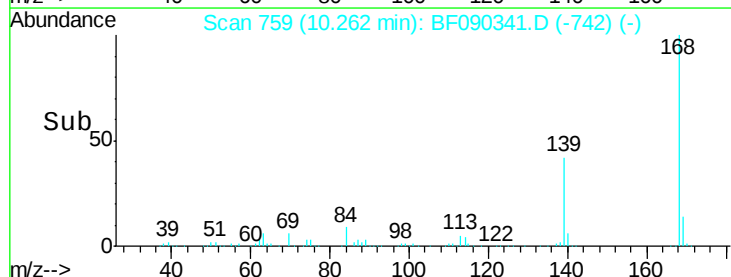
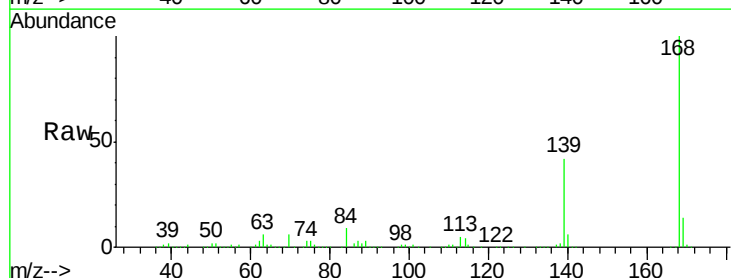
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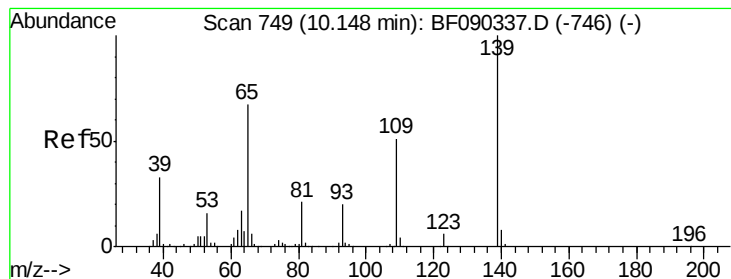
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#54
Dibenzofuran
Concen: 39.36 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1225880		
139	41.8	29.6	44.4	
169	14.1	11.3	16.9	





#55

4-Nitrophenol

Concen: 43.88 ng

RT: 10.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

ICVBF100416

Tgt Ion:139 Resp: 225623
Ion Ratio Lower Upper

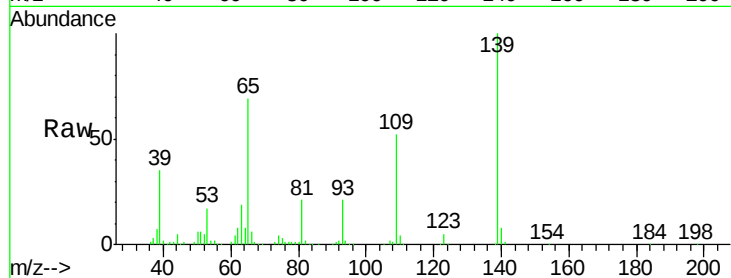
139 100

109 51.6 43.6 83.6

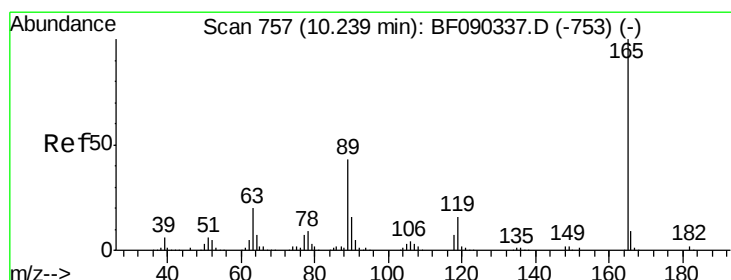
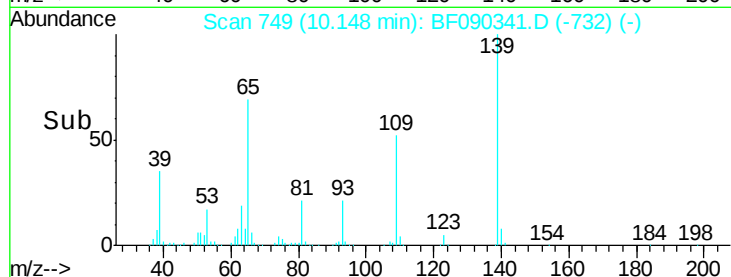
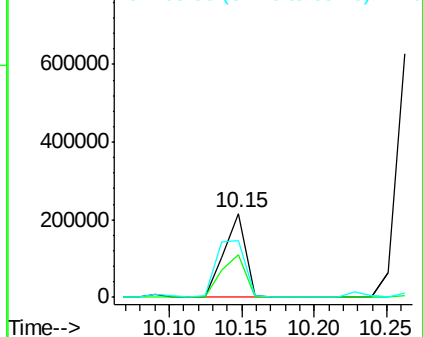
65 68.5 87.5 127.5#

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



#56

2,4-Dinitrotoluene

Concen: 39.71 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Tgt Ion:165 Resp: 272499
Ion Ratio Lower Upper

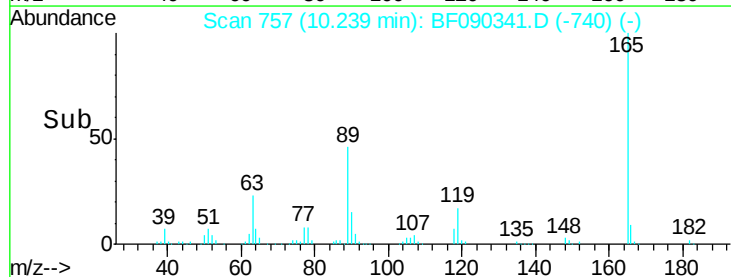
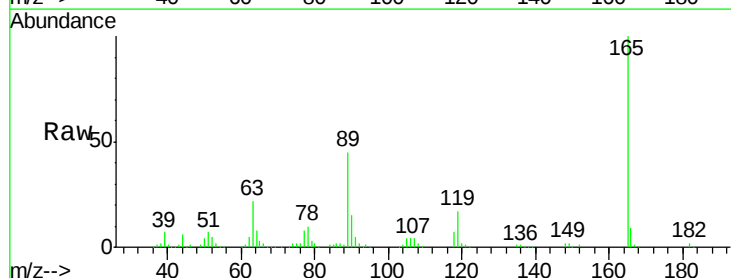
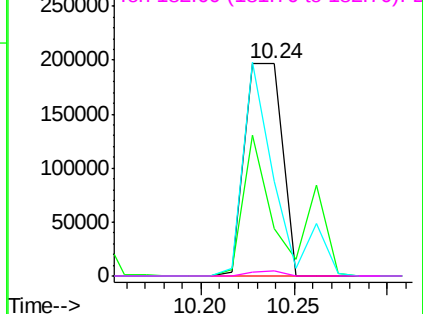
165 100

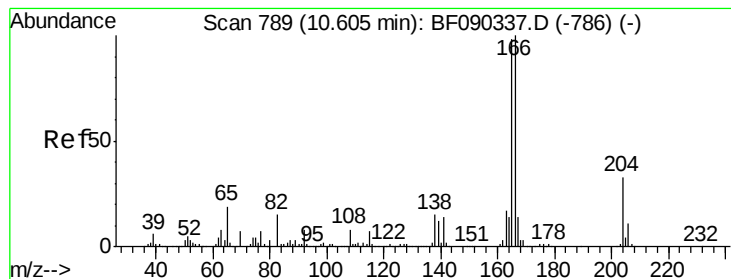
63 22.1 17.8 26.6

89 44.5 33.2 49.8

182 2.2 2.1 3.1

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





#57

Fluorene

Concen: 38.59 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

ICVBF100416

Tgt Ion:166 Resp: 1005303

Ion Ratio Lower Upper

166 100

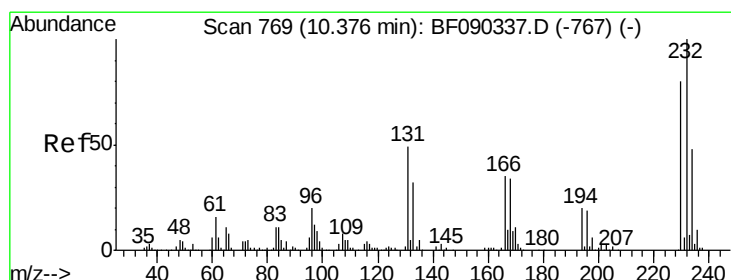
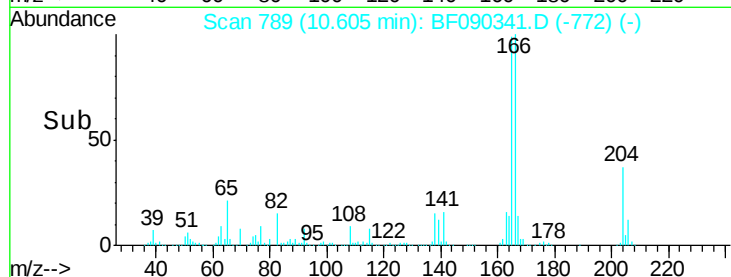
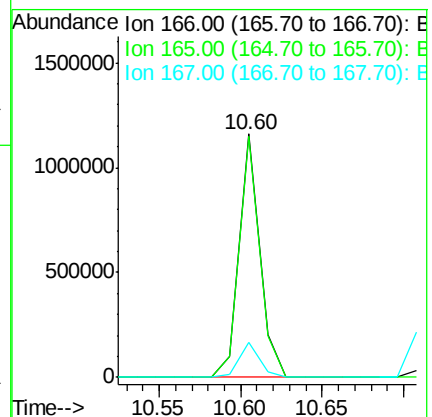
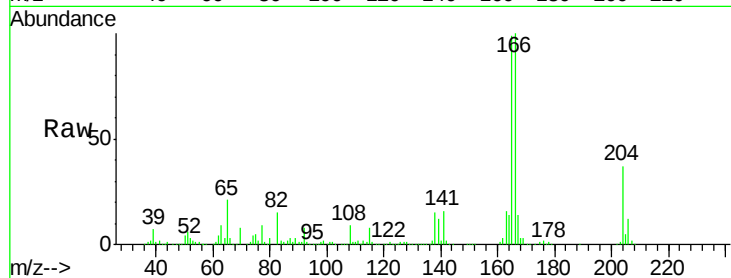
165 99.0 79.2 118.8

167 14.4 11.1 16.7

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.55 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Tgt Ion:232 Resp: 236007

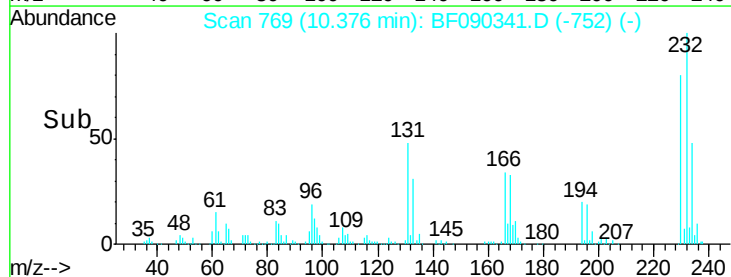
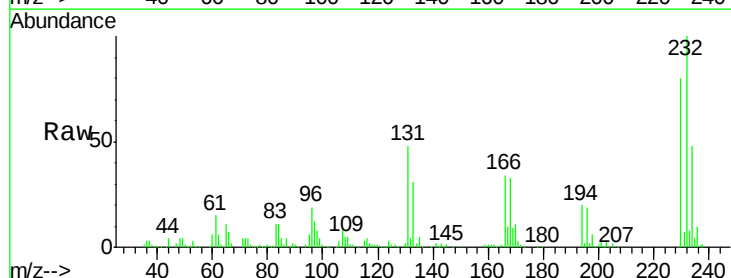
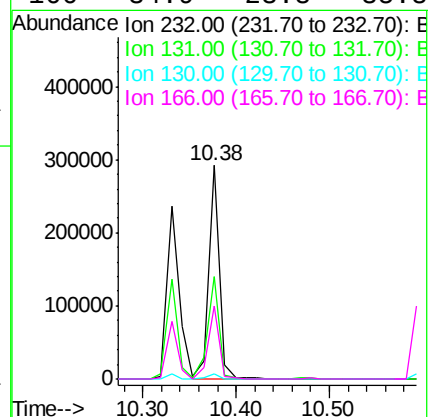
Ion Ratio Lower Upper

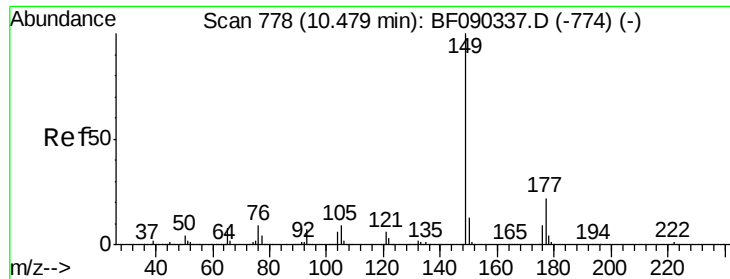
232 100

131 51.4 34.5 51.7

130 2.3 1.6 2.4

166 34.9 23.8 35.8





#59

Diethylphthalate

Concen: 40.19 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

ICVBF100416

Tgt Ion:149 Resp: 1070488

Ion Ratio Lower Upper

149 100

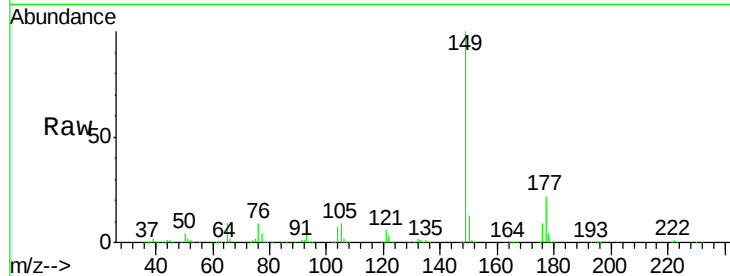
177 22.3 21.1 31.7

150 12.7 10.2 15.2

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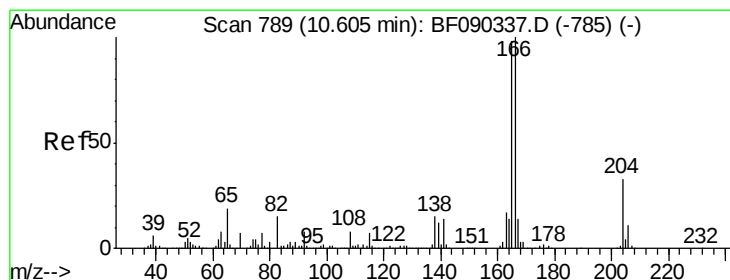
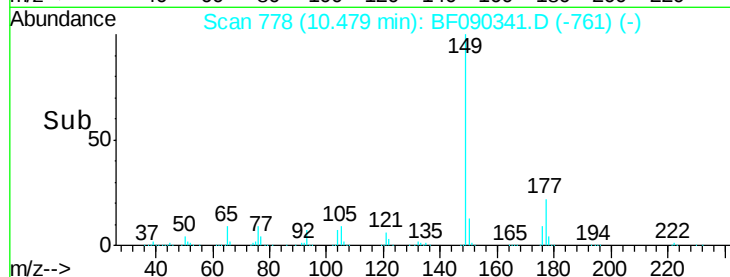
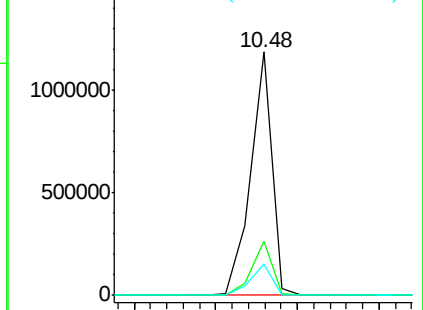
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.70 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

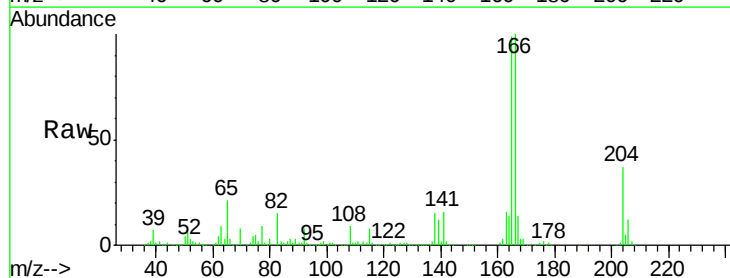
Tgt Ion:204 Resp: 478054

Ion Ratio Lower Upper

204 100

206 33.2 26.7 40.1

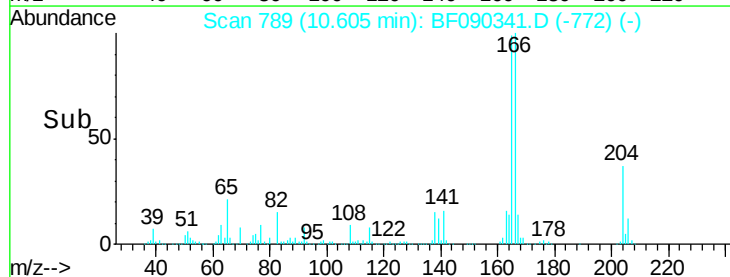
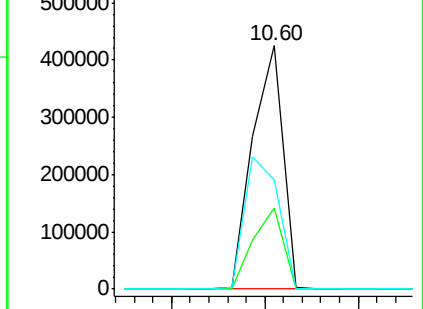
141 44.6 51.7 77.5#

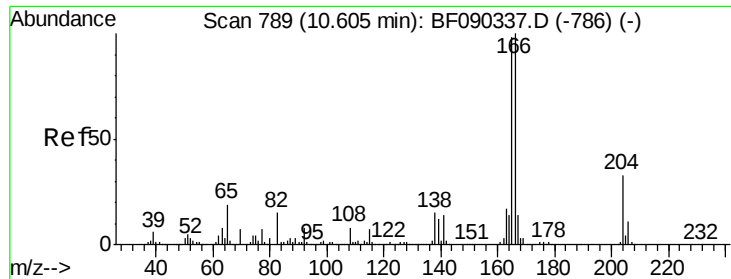


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.08 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.01 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

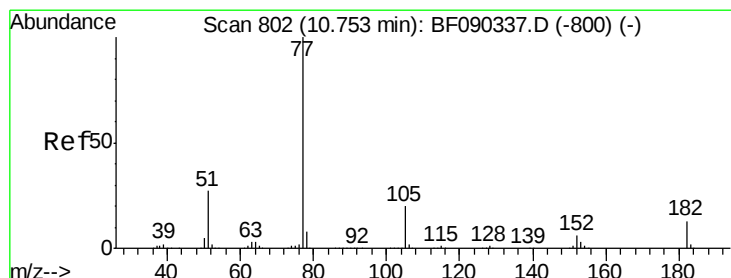
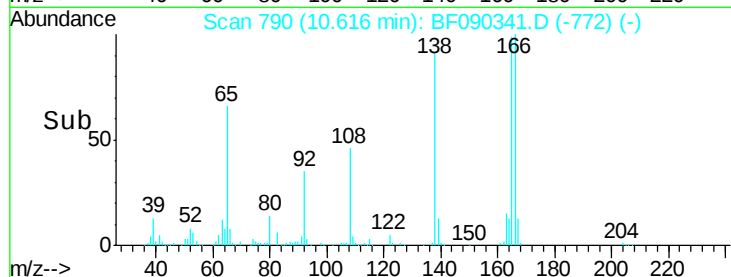
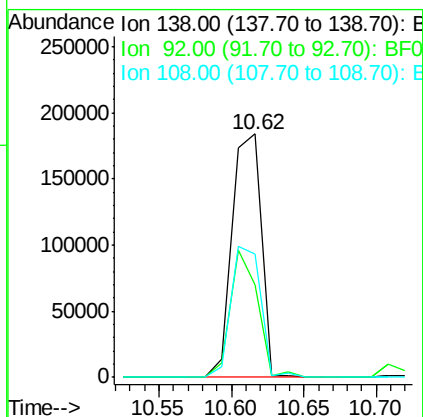
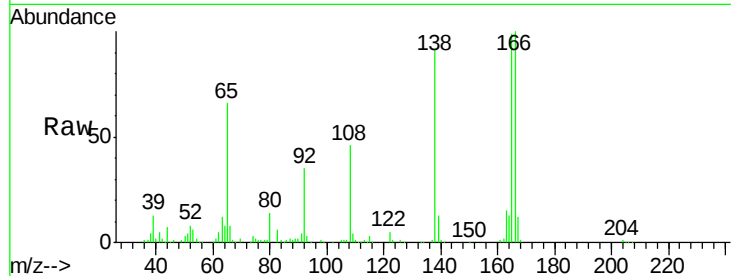
ClientSampleId :

ICVBF100416

Tgt Ion:	138	Resp:	256028
Ion Ratio	Lower	Upper	
138	100		
92	37.9	33.2	73.2
108	50.7	48.5	88.5

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#62

Azobenzene

Concen: 37.47 ng

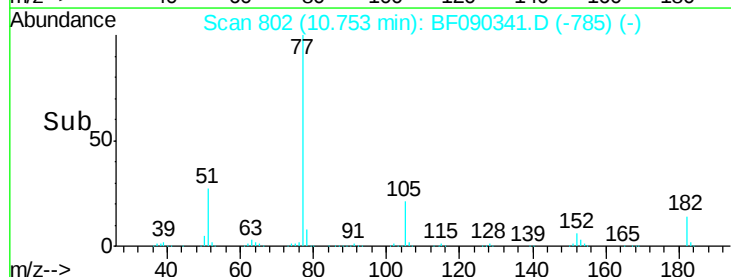
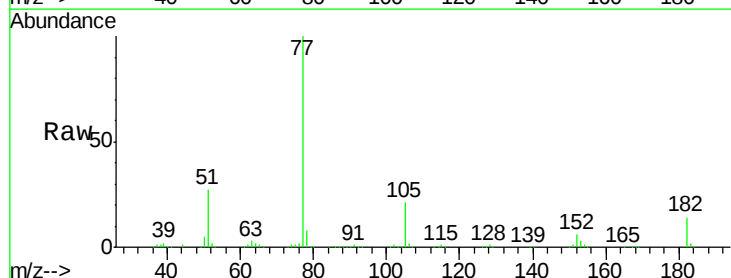
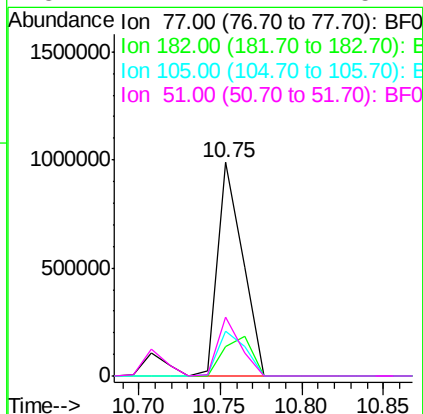
RT: 10.75 min Scan# 802

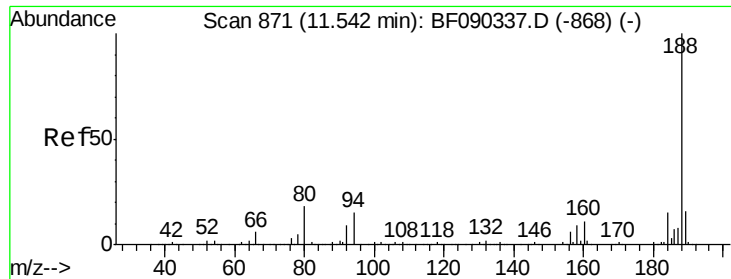
Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Tgt Ion:	77	Resp:	1040155
Ion Ratio	Lower	Upper	
77	100		
182	13.6	3.2	43.2
105	20.8	2.9	42.9
51	27.4	14.2	54.2





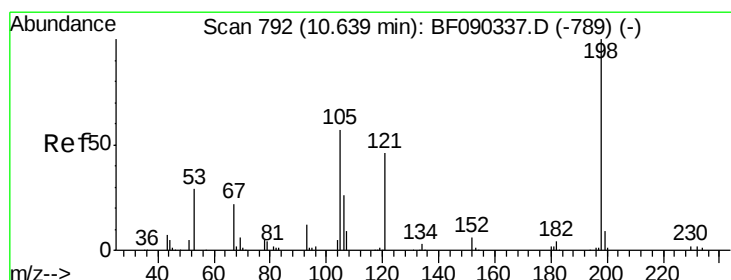
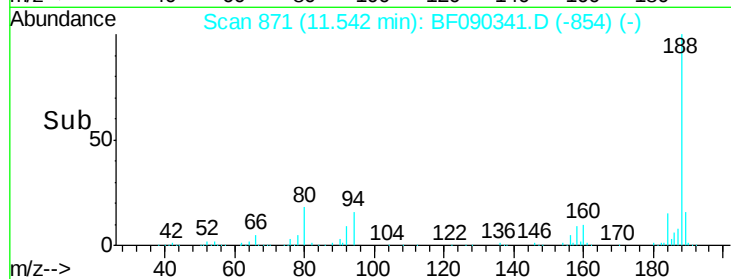
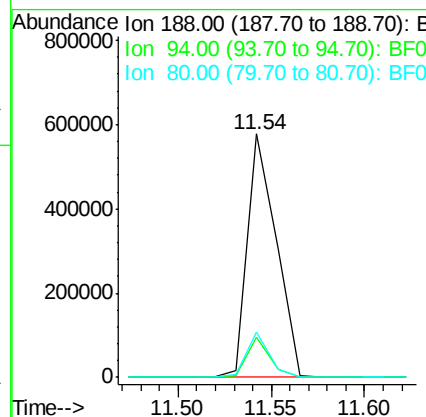
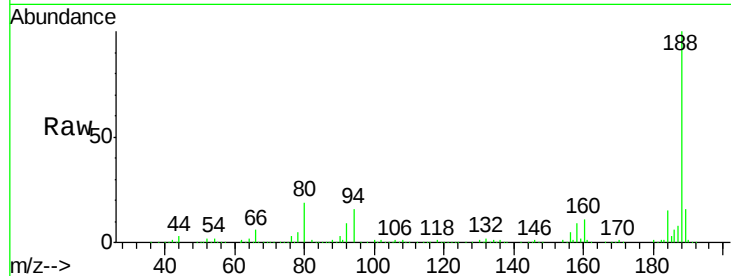
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.54 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100416

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	16.3	8.2	12.2#
80	18.7	8.8	13.2#

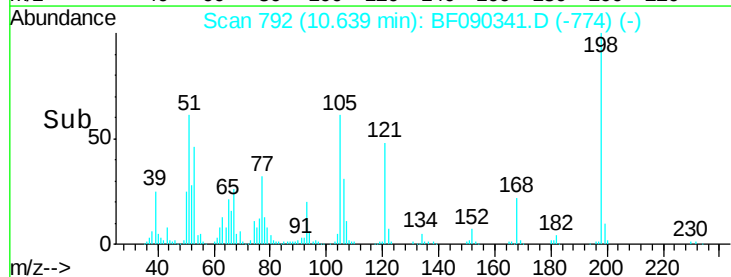
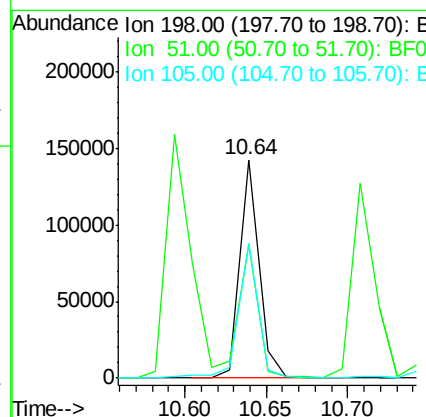
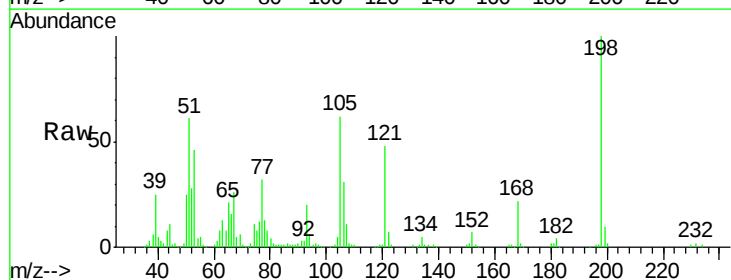
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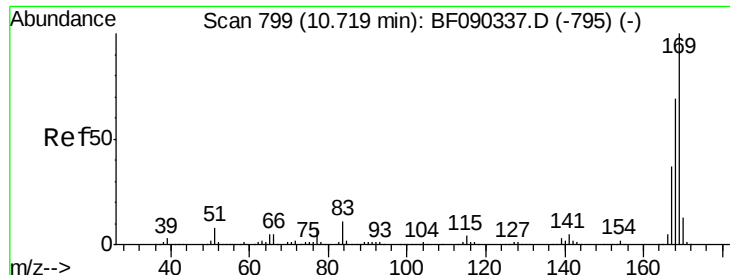
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.69 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	60.9	67.3	107.3#
105	61.5	42.6	82.6





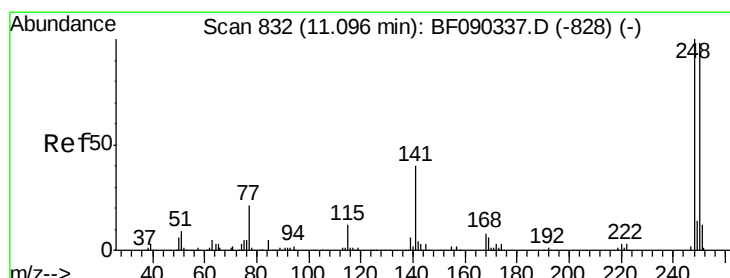
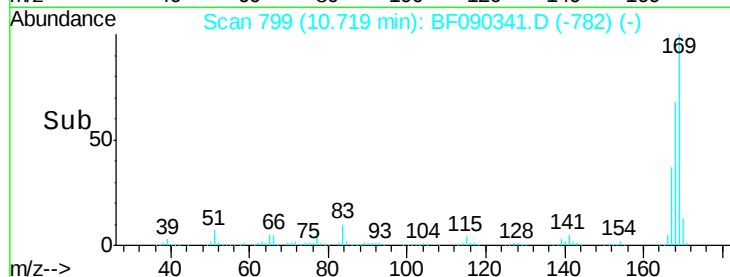
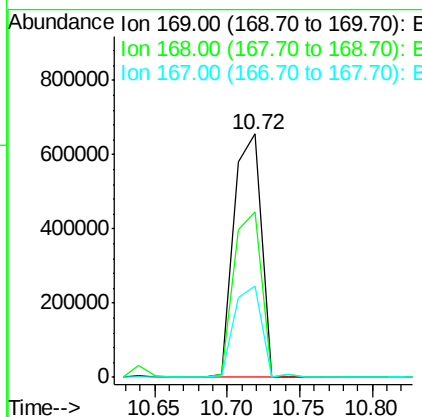
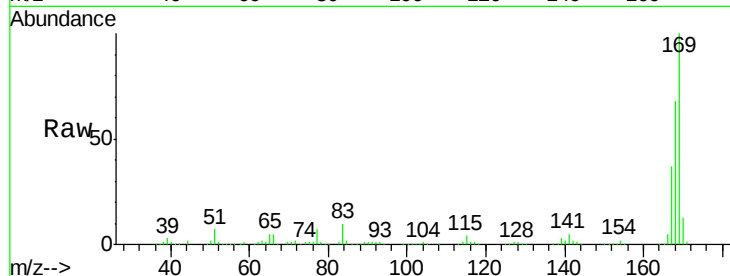
#65
 n-Nitrosodiphenylamine
 Concen: 40.57 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100416

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	857824		
168	67.9	53.8	80.6	
167	37.3	29.8	44.8	

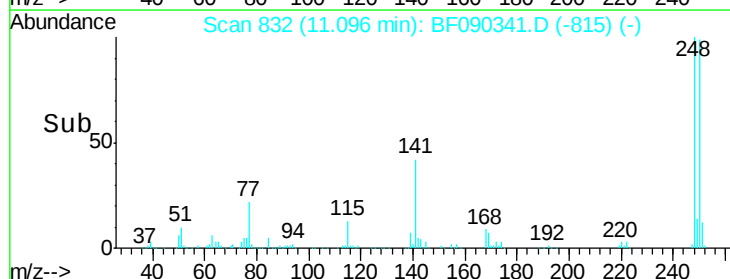
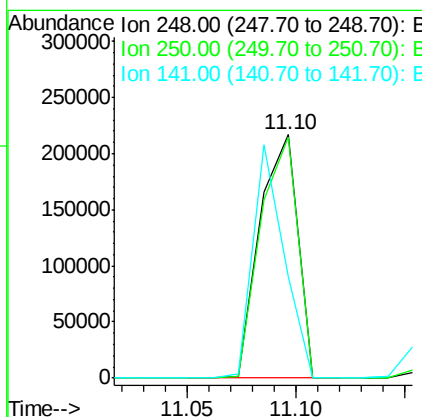
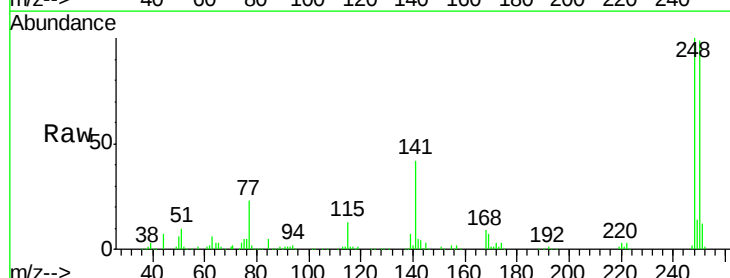
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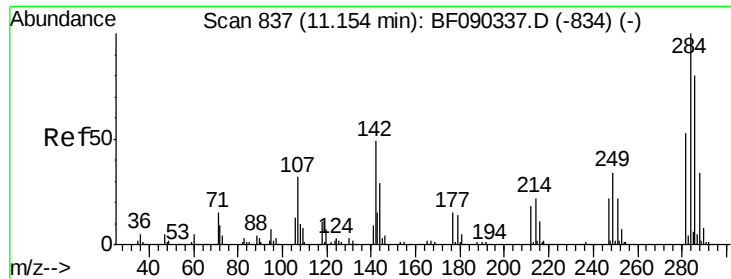
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#66
 4-Bromophenyl-phenylether
 Concen: 39.32 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	263496		
250	99.3	76.5	114.7	
141	41.9	59.8	89.6#	





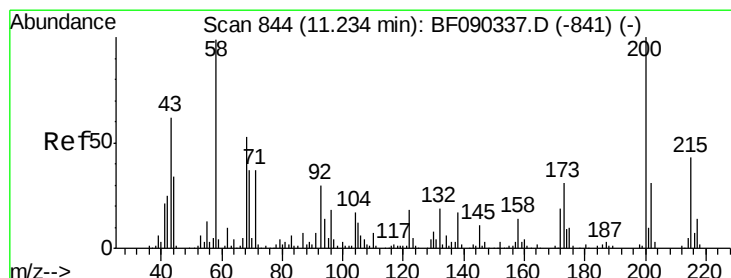
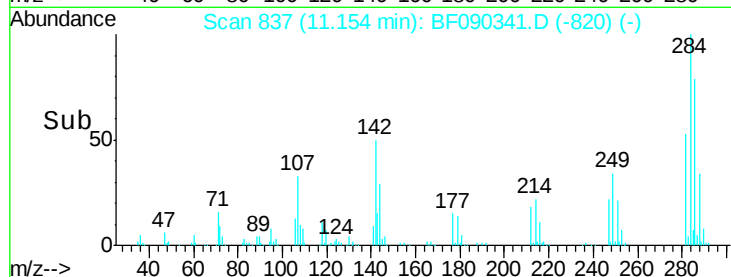
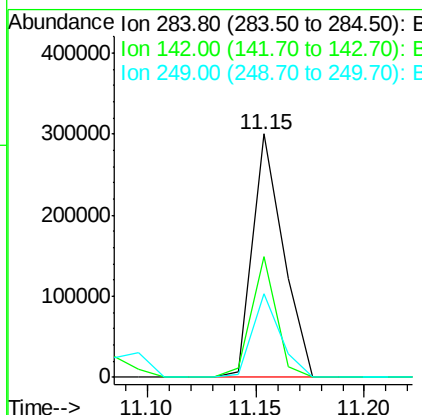
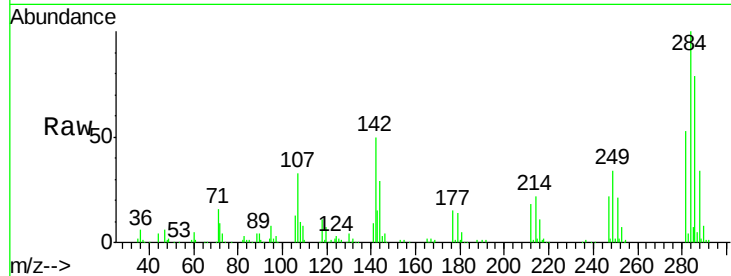
#67
Hexachlorobenzene
Concen: 37.42 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :
ICVBF100416

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	49.7	23.1	34.7#
249	34.3	26.3	39.5

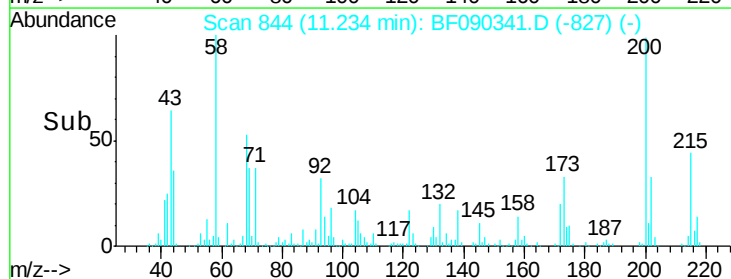
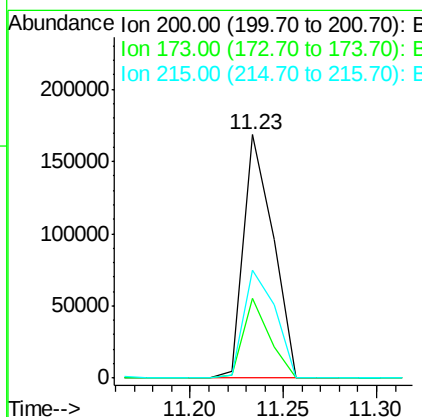
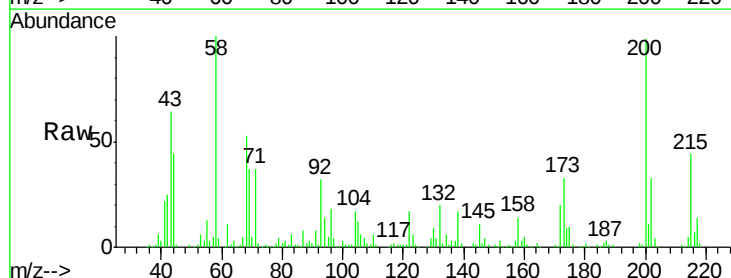
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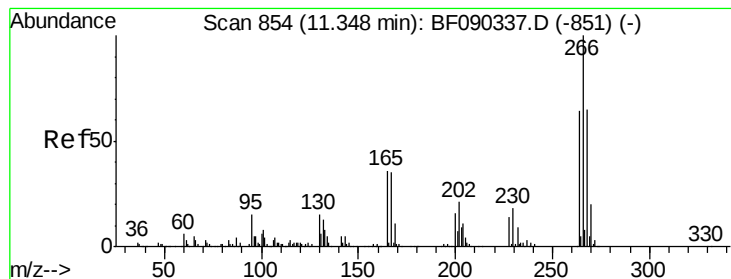
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#68
Atrazine
Concen: 36.47 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	32.9	9.0	49.0
215	44.3	24.8	64.8





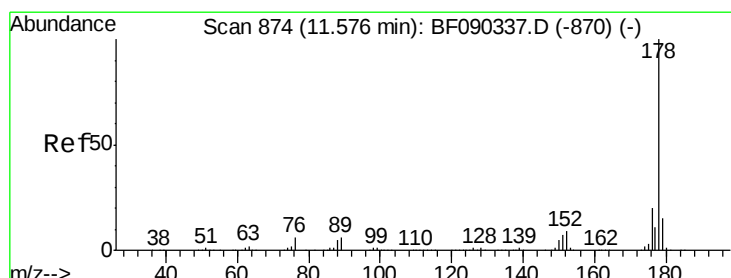
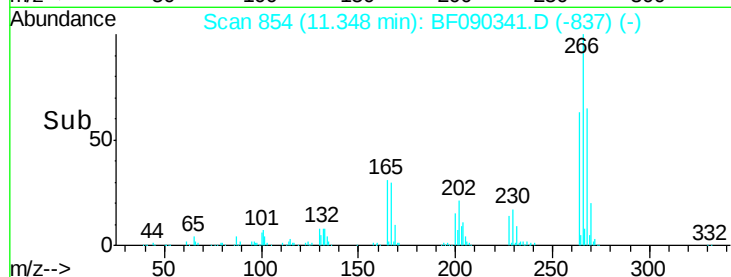
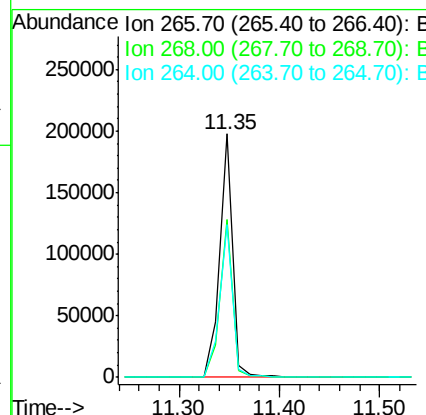
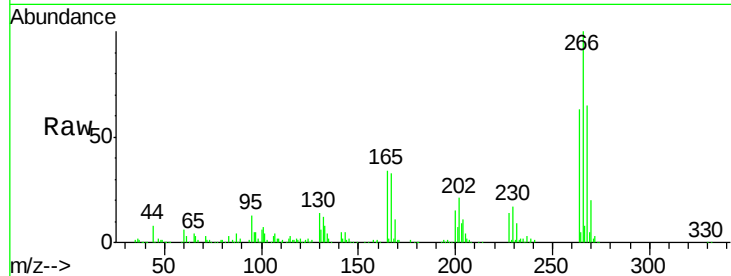
#69
 Pentachlorophenol
 Concen: 40.28 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampled :
 ICVBF100416

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	50.9	76.3
264	62.6	51.5	77.3

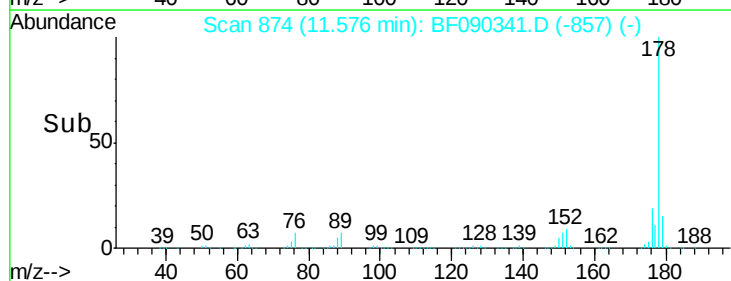
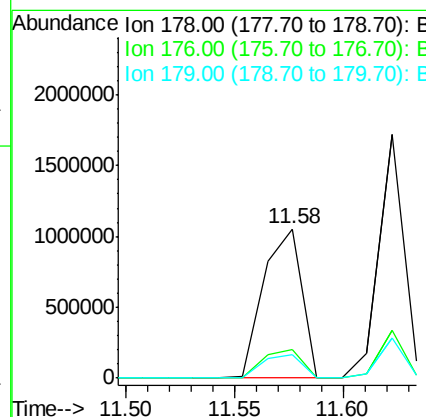
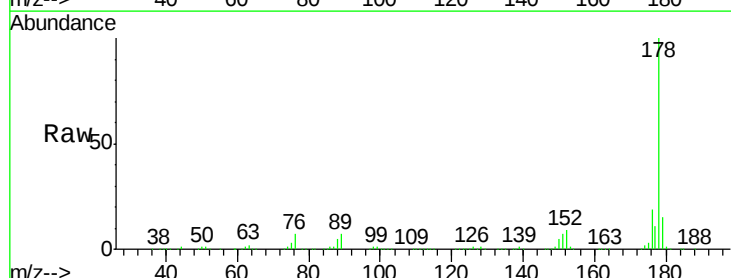
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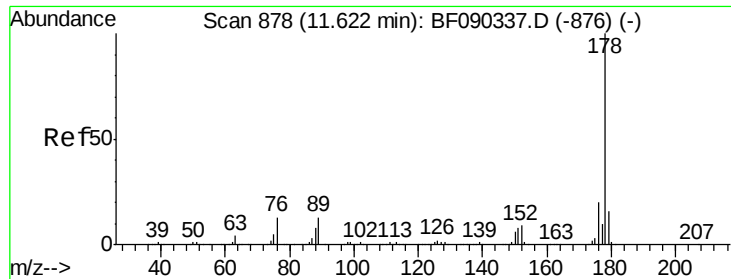
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#70
 Phenanthrene
 Concen: 39.16 ng
 RT: 11.58 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.3	25.9
179	15.3	13.8	20.6





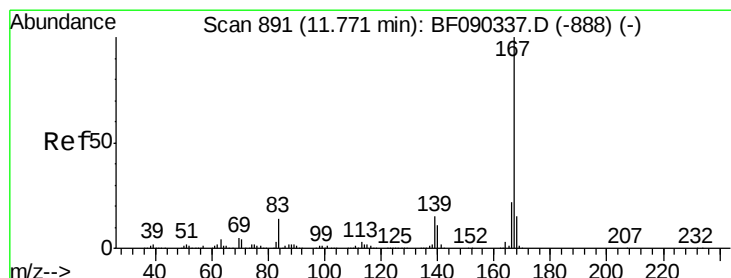
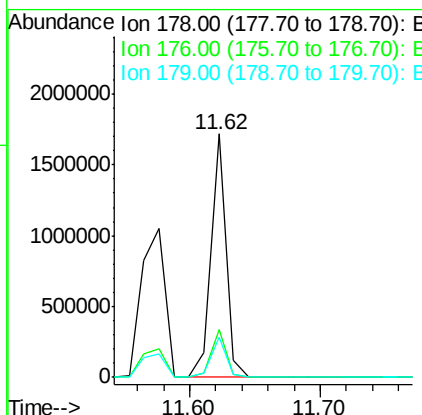
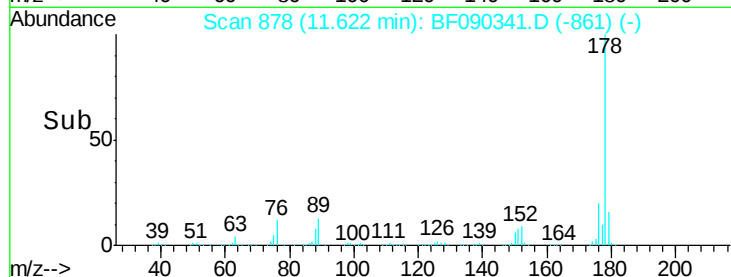
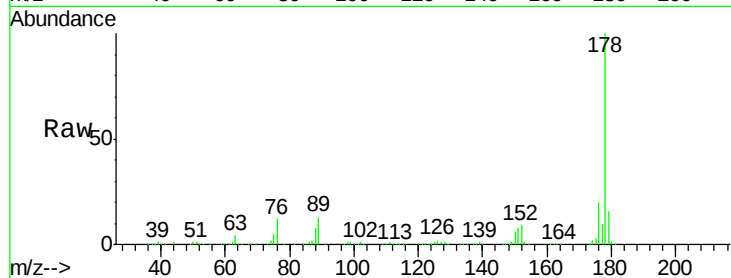
#71
 Anthracene
 Concen: 41.69 ng
 RT: 11.62 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100416

Tgt Ion:178 Resp: 1384648
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.8 25.2
 179 16.3 13.4 20.2

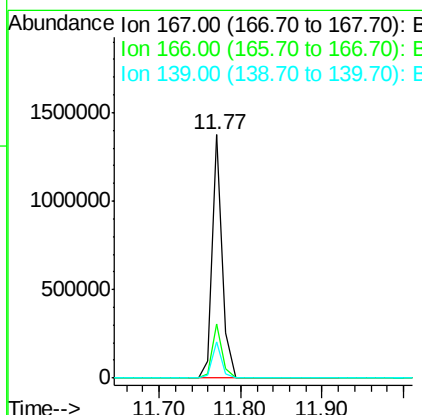
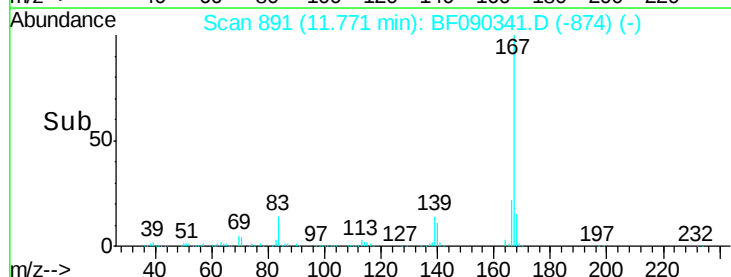
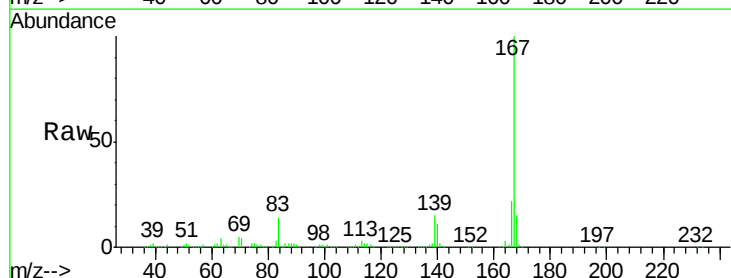
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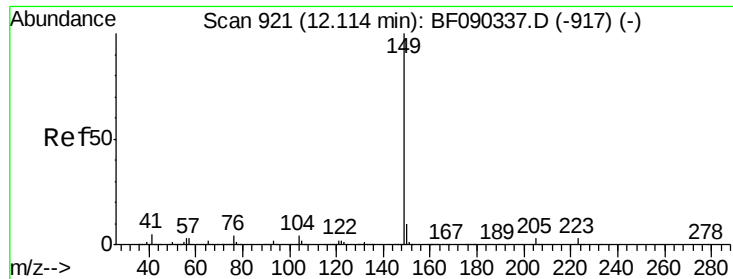
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#72
 Carbazole
 Concen: 39.06 ng
 RT: 11.77 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion:167 Resp: 1192331
 Ion Ratio Lower Upper
 167 100
 166 22.3 19.1 28.7
 139 14.9 12.1 18.1





#73

Di-n-butylphthalate

Concen: 40.68 ng

RT: 12.11 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

ClientSampleId :

ICVBF100416

Tgt Ion:149 Resp: 1484086

Ion Ratio Lower Upper

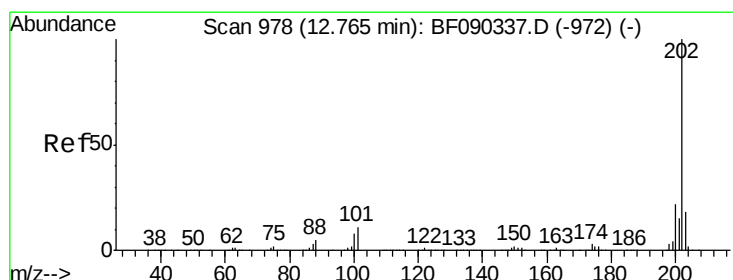
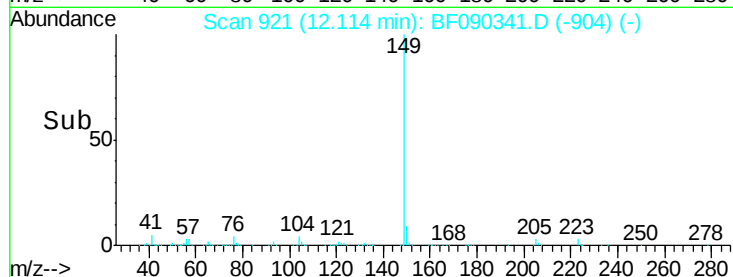
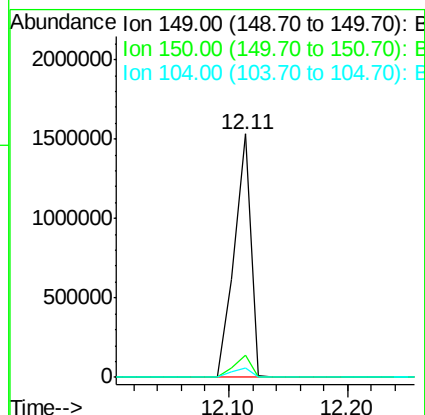
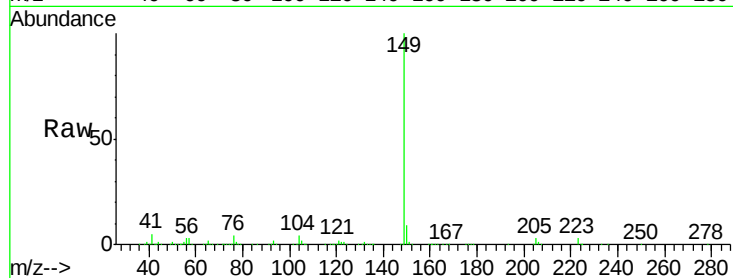
149 100

150 9.4 8.6 12.8

104 4.1 4.7 7.1#

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#74

Fluoranthene

Concen: 40.98 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

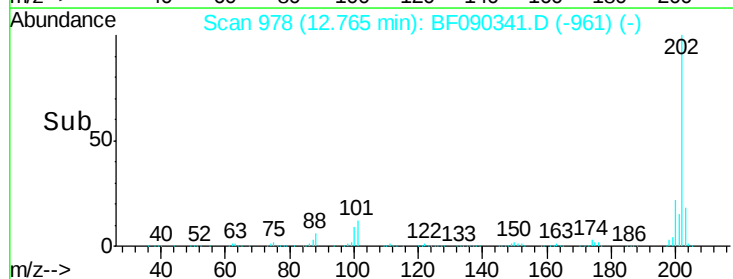
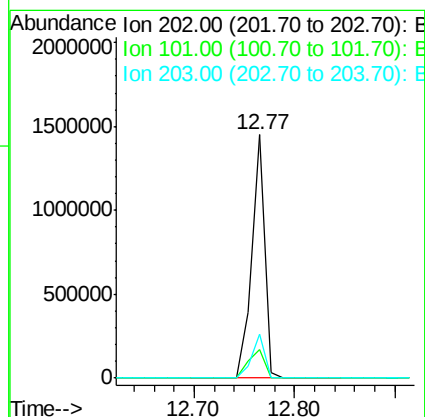
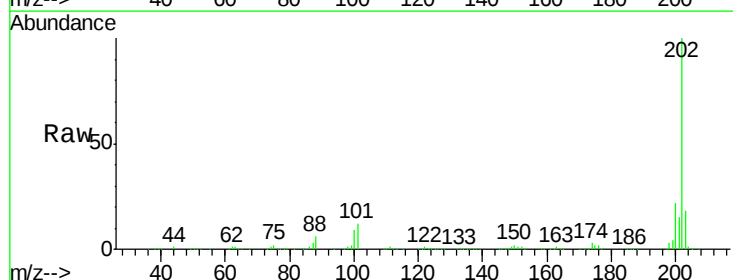
Tgt Ion:202 Resp: 1293230

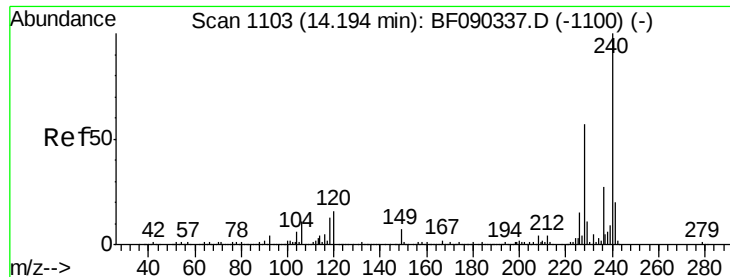
Ion Ratio Lower Upper

202 100

101 12.0 0.0 37.2

203 18.2 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

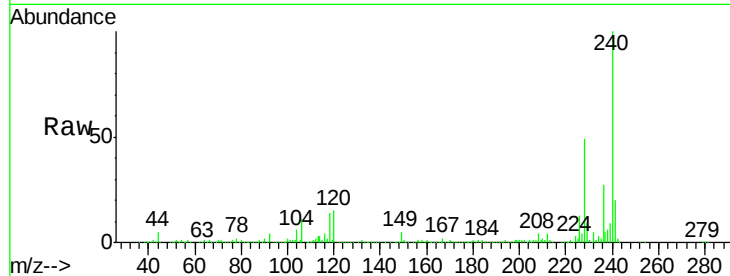
ClientSampleId :

ICVBF100416

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	502105		
120	15.4	8.6	13.0#	
236	26.8	21.6	32.4	

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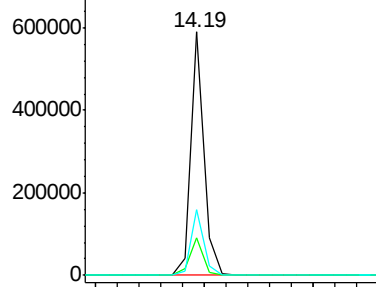
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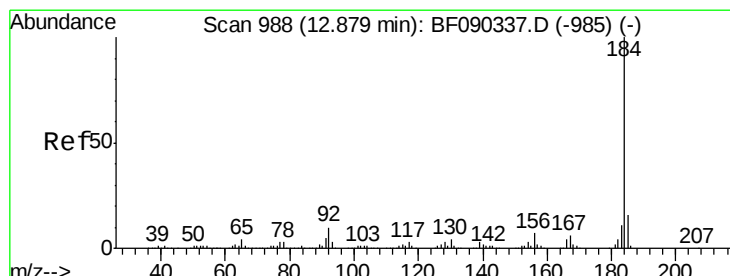
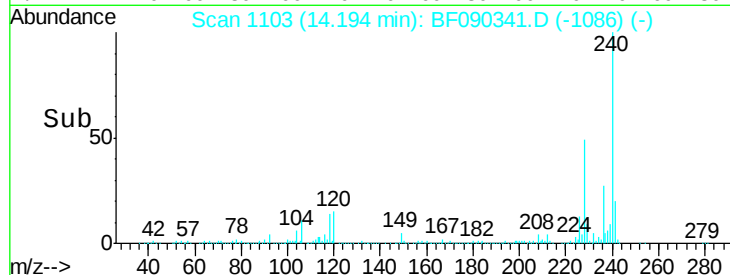
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 14.10 14.20 14.30



#76

Benzidine

Concen: 40.62 ng

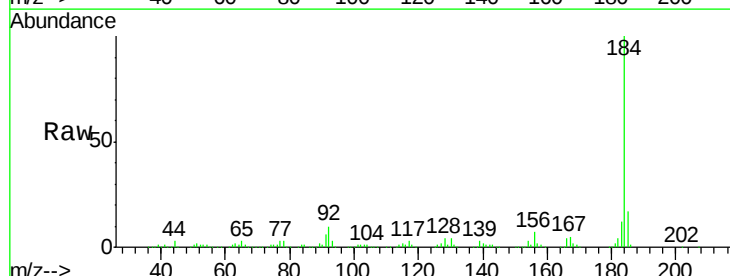
RT: 12.88 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

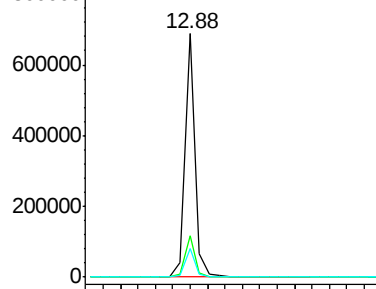
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	560805		
185	17.2	11.8	17.8	
183	11.6	9.6	14.4	



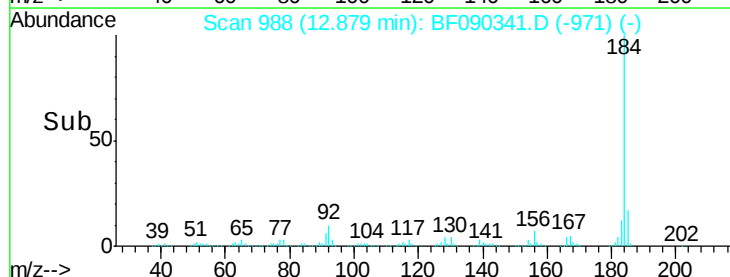
Abundance Ion 184.00 (183.70 to 184.70): E

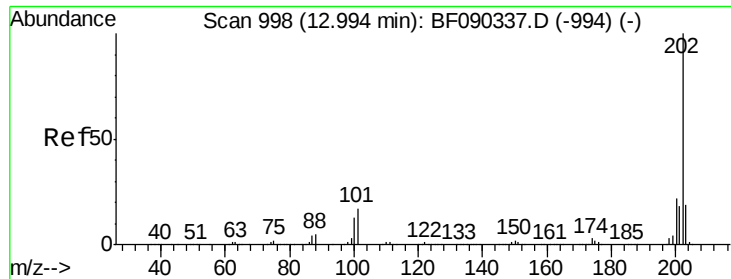
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.80 12.90 13.00





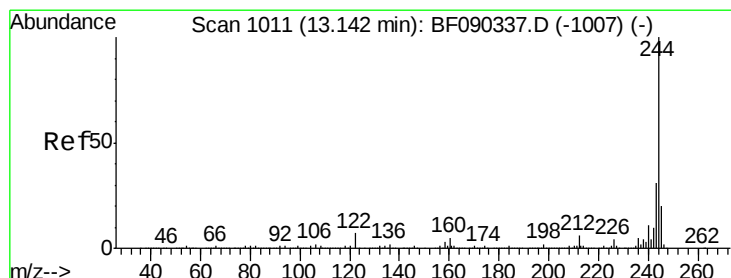
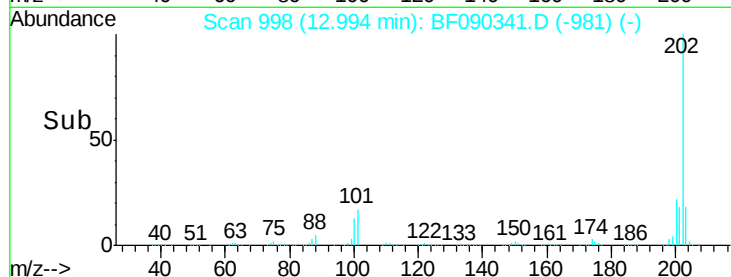
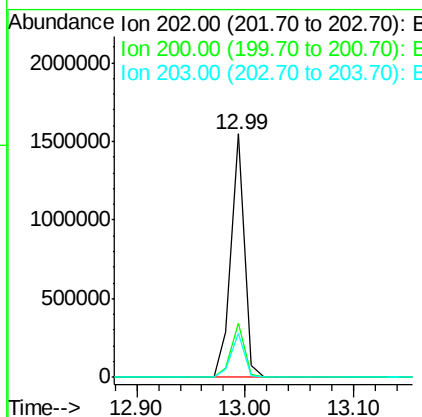
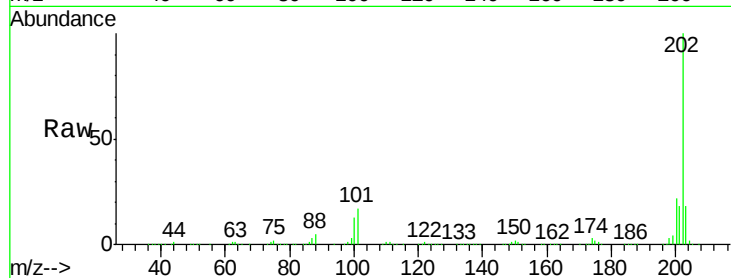
#77
 Pyrene
 Concen: 40.98 ng
 RT: 12.99 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100416

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.5	27.7
203	18.2	15.0	22.6

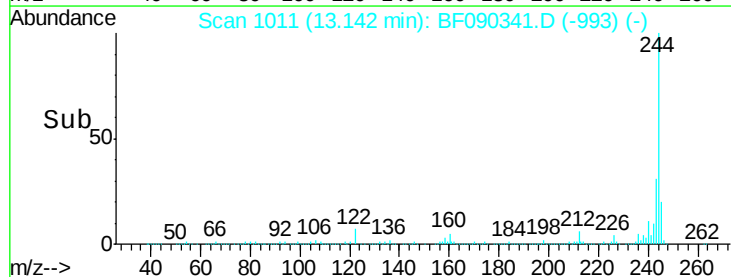
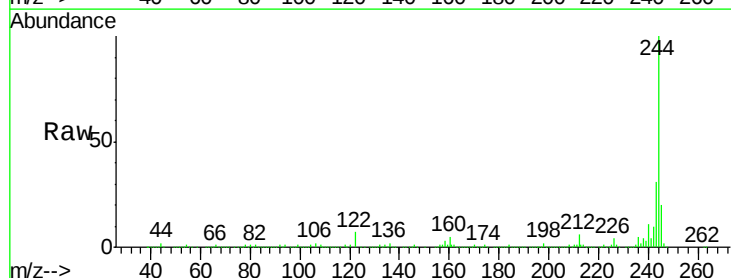
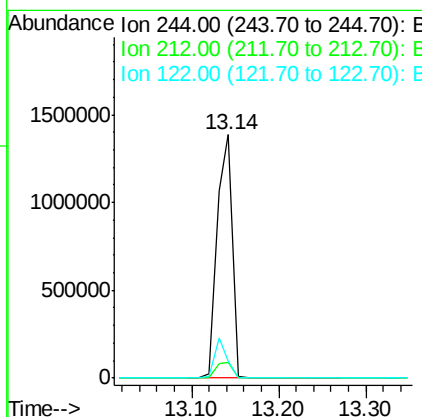
Manual Integrations
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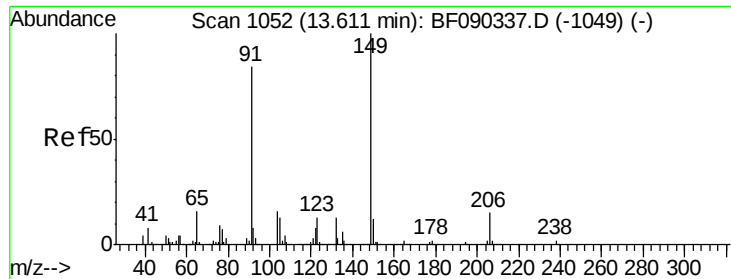
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#78
 Terphenyl-d14
 Concen: 79.41 ng
 RT: 13.14 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.8	10.2#
122	7.0	13.3	19.9#





#79

Butylbenzylphthalate

Concen: 41.49 ng

RT: 13.61 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

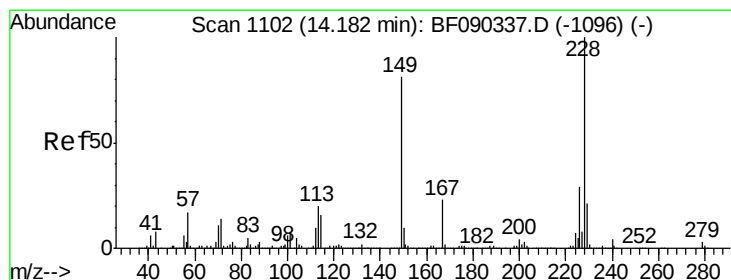
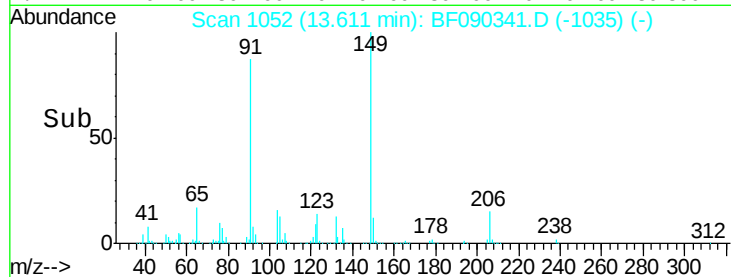
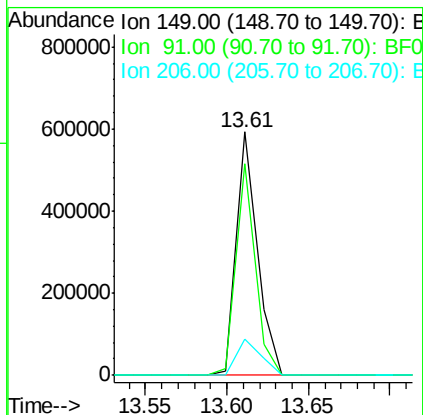
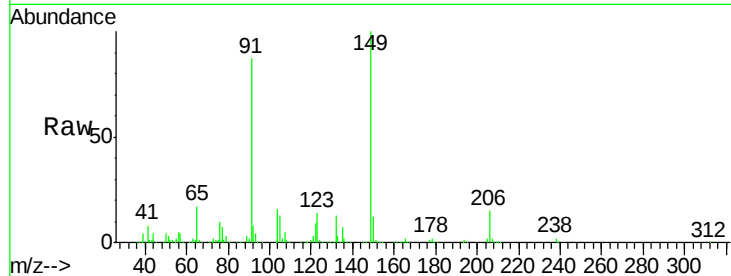
ClientSampleId :

ICVBF100416

Tgt Ion:	149	Resp:	525645
Ion Ratio	Lower	Upper	
149	100		
91	86.8	51.8	77.8#
206	14.7	18.0	27.0#

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#80

Benzo(a)anthracene

Concen: 38.53 ng

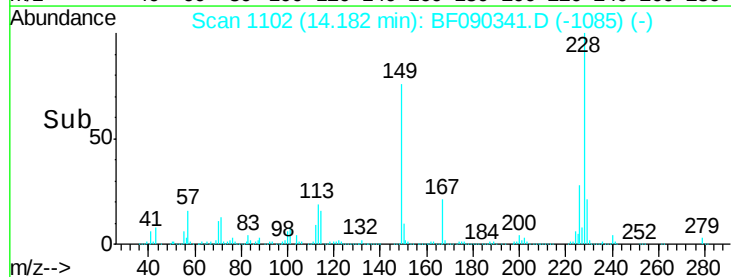
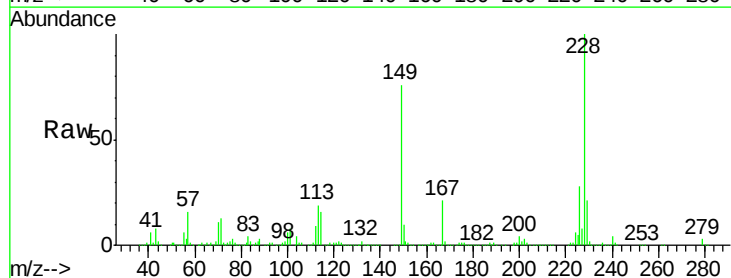
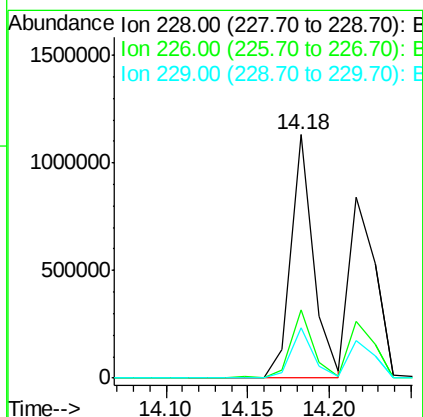
RT: 14.18 min Scan# 1102

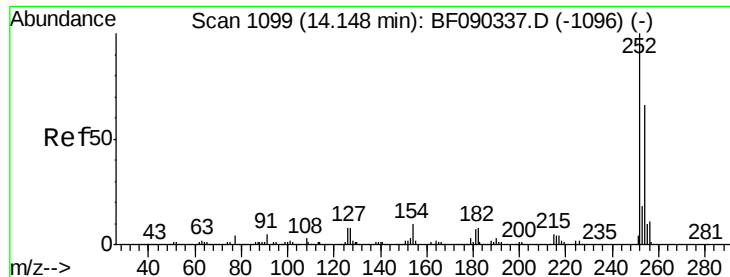
Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Tgt Ion:	228	Resp:	1084840
Ion Ratio	Lower	Upper	
228	100		
226	28.0	23.6	35.4
229	20.6	16.6	25.0





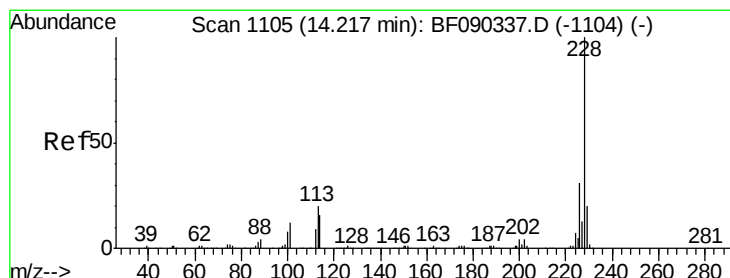
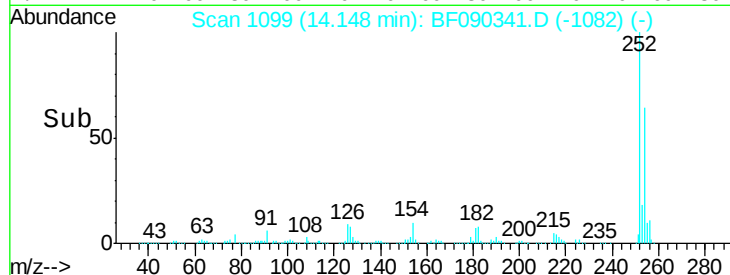
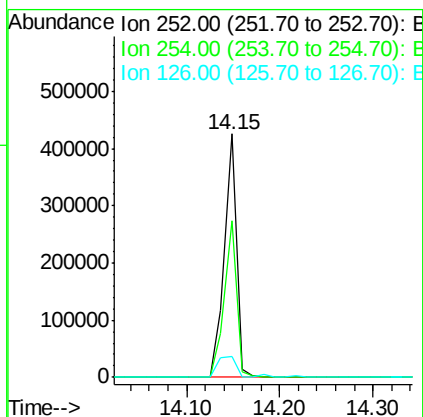
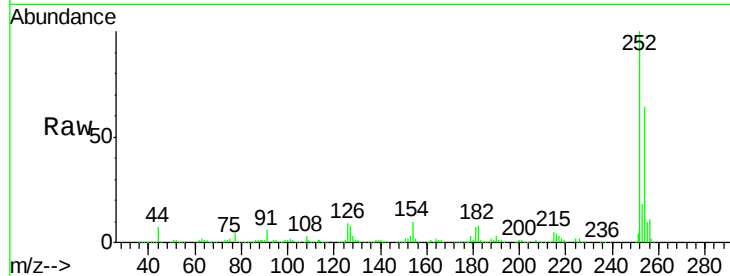
#81
 3,3'-Dichlorobenzidine
 Concen: 40.04 ng
 RT: 14.15 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100416

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.3	52.1	78.1
126	8.6	4.2	6.4

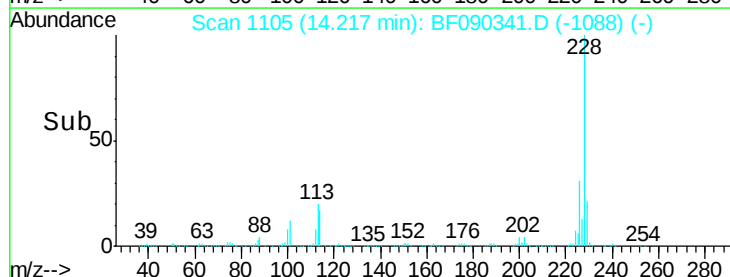
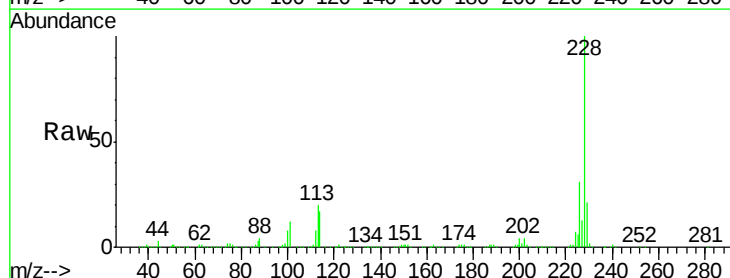
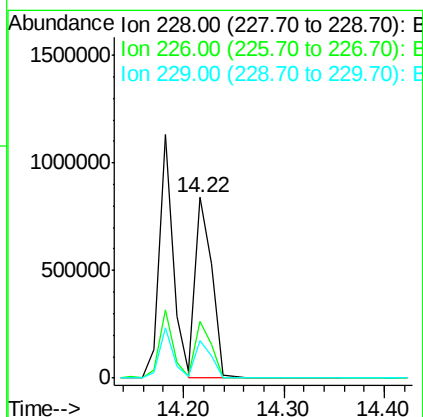
Manual Integrations
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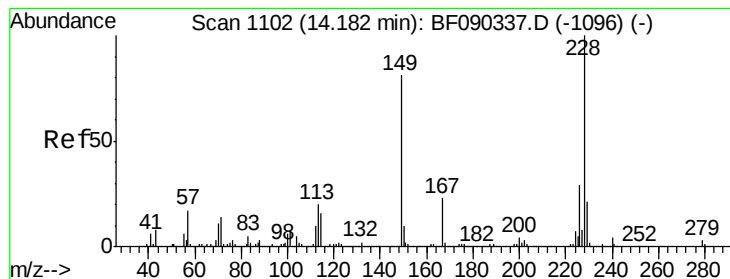
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#82
 Chrysene
 Concen: 36.36 ng
 RT: 14.22 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	25.8	38.6
229	20.9	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.00 ng

RT: 14.18 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF090341.D

Acq: 4 Oct 2016 13:51

Instrument :

BNA_F

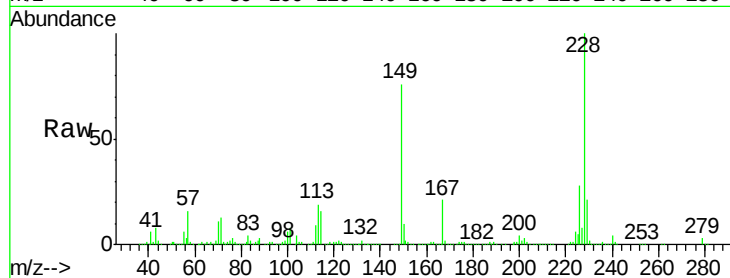
ClientSampleId :

ICVBF100416

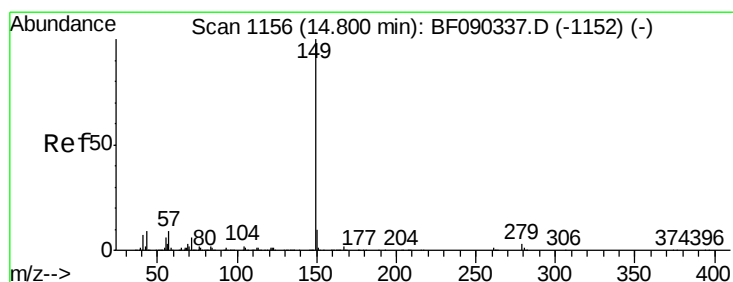
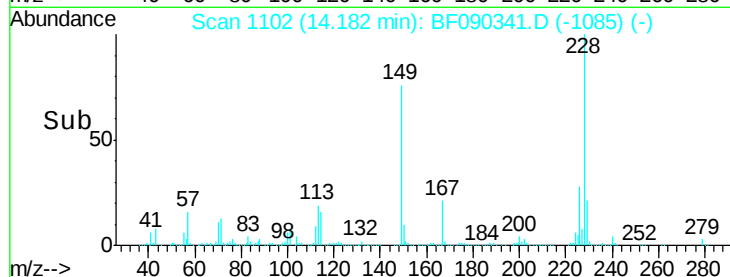
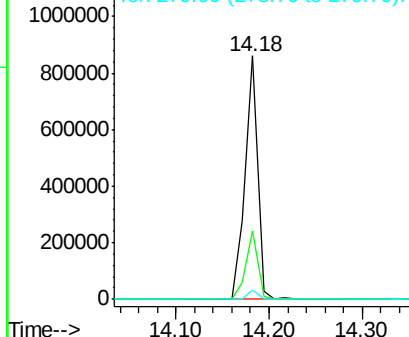
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	810839		
167	27.9	21.5	32.3	
279	3.8	2.6	3.8#	

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.01 ng

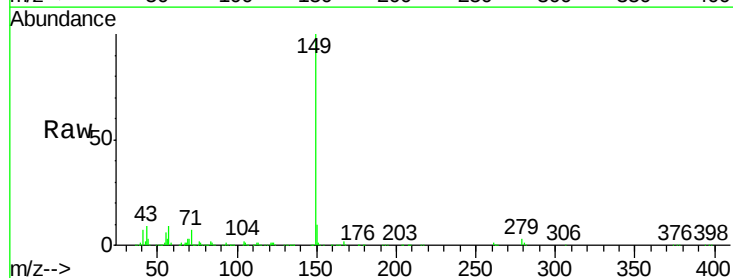
RT: 14.80 min Scan# 1156

Delta R.T. 0.00 min

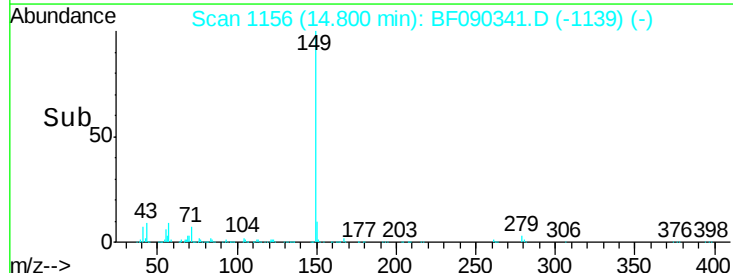
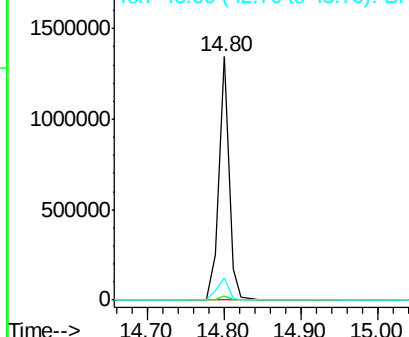
Lab File: BF090341.D

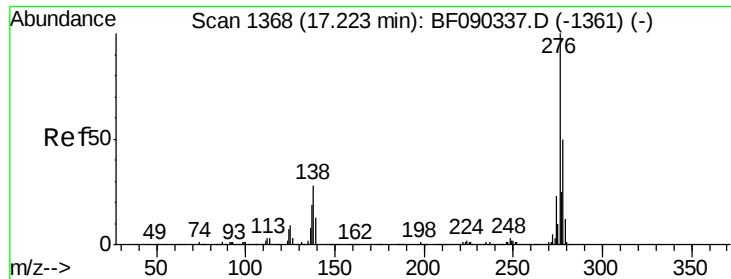
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1237096		
167	1.5	1.3	1.9	
43	11.2	11.8	17.8#	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





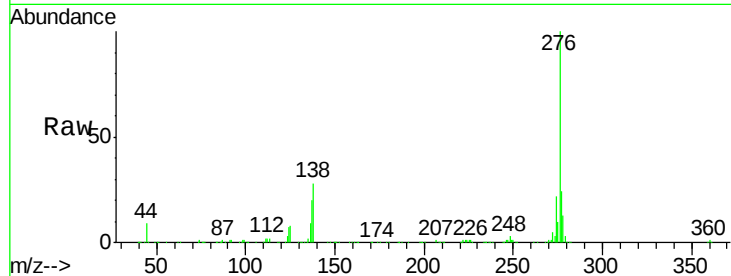
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.76 ng
RT: 17.21 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :
ICVBF100416

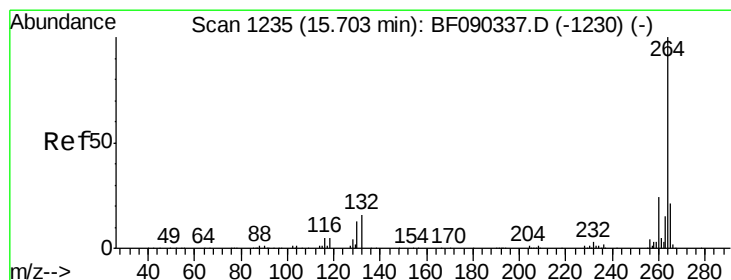
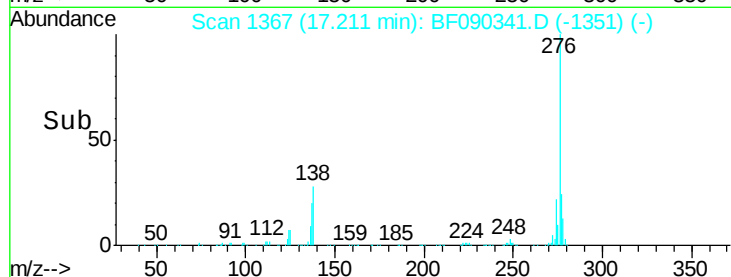
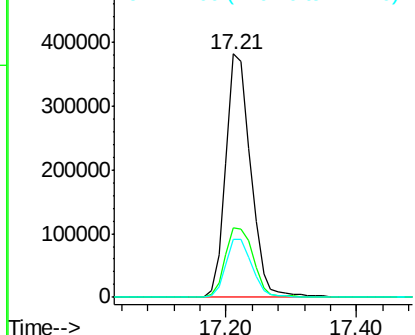
Tgt Ion: 276 Resp: 1013840
Ion Ratio Lower Upper
276 100
138 32.3 23.8 35.8
277 25.1 20.4 30.6

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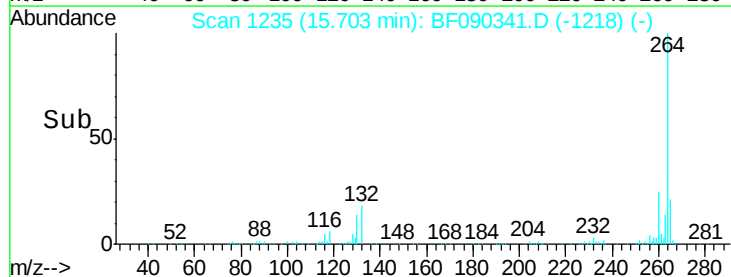
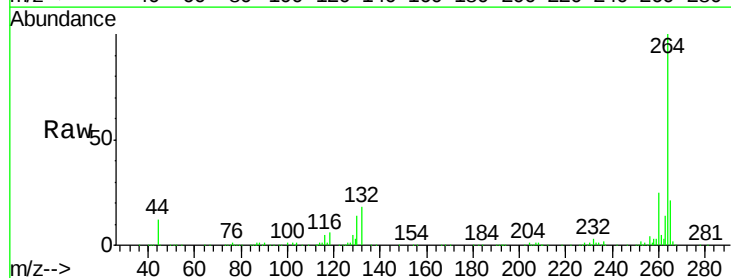
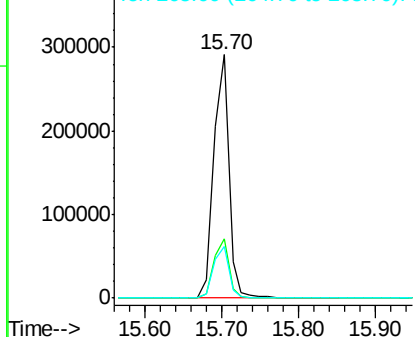
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

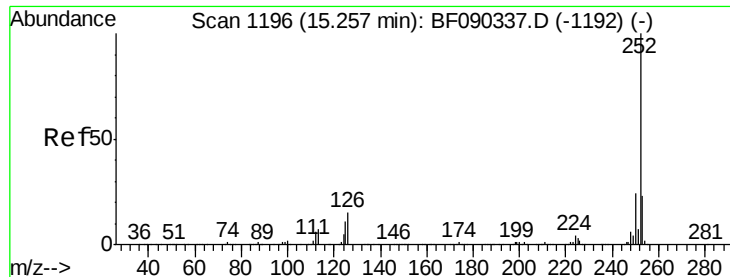


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion: 264 Resp: 396849
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 21.2 17.4 26.0

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





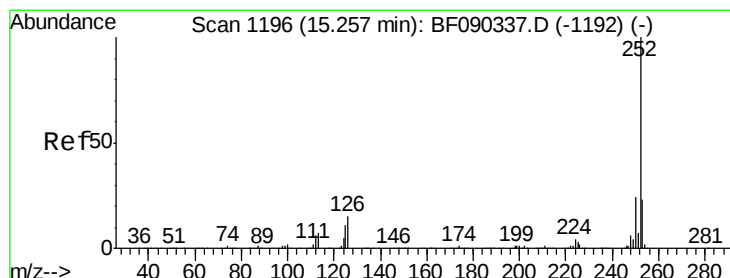
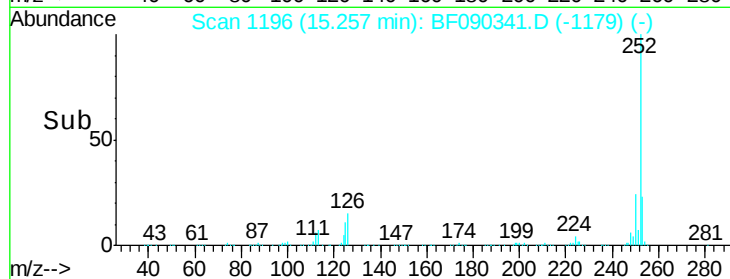
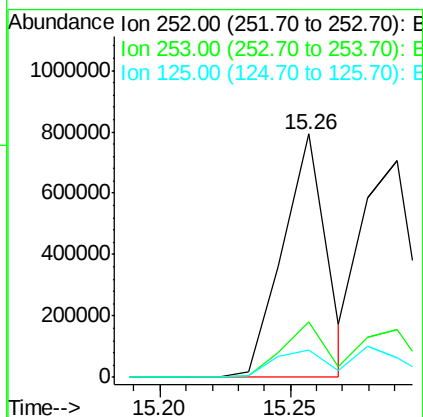
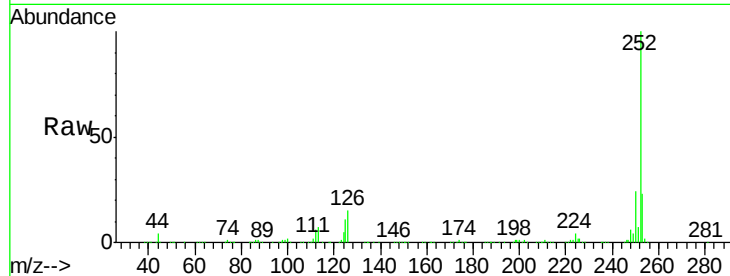
#87
Benzo(b)fluoranthene
Concen: 40.38 ng
RT: 15.26 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampled :
ICVBF100416

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.2	7.0	10.4

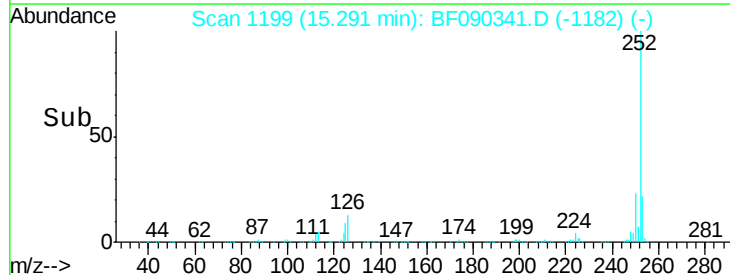
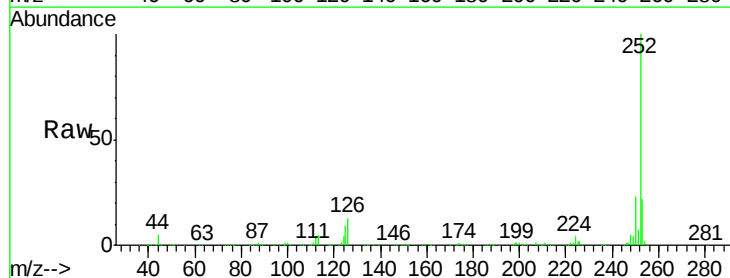
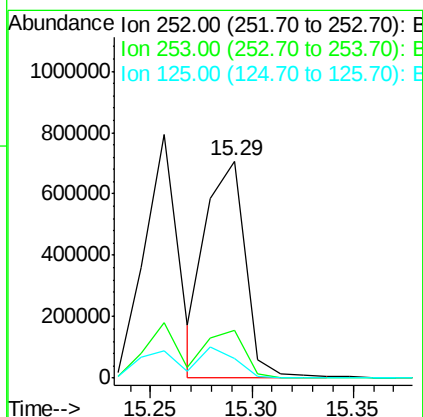
Manual Integrations
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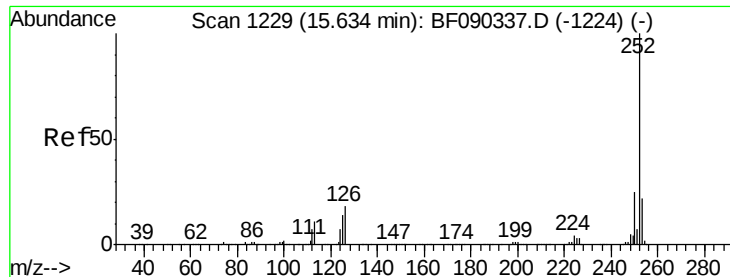
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#88
Benzo(k)fluoranthene
Concen: 43.49 ng m
RT: 15.29 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	27.8
125	8.8	11.7	17.5





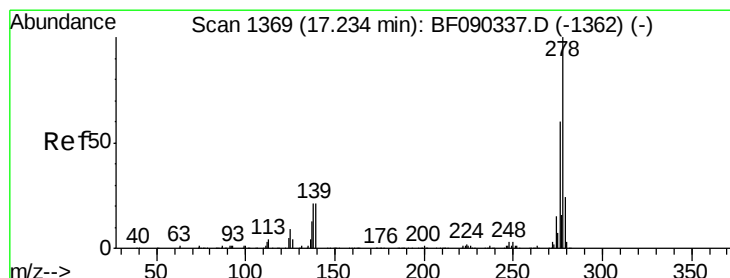
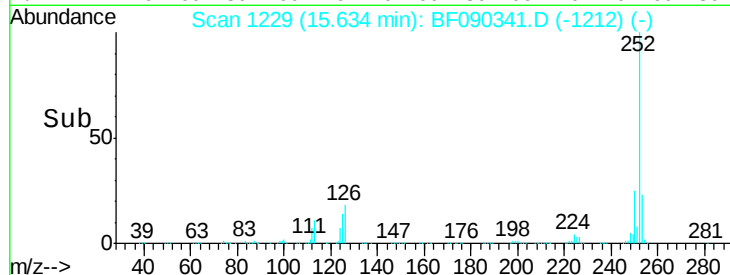
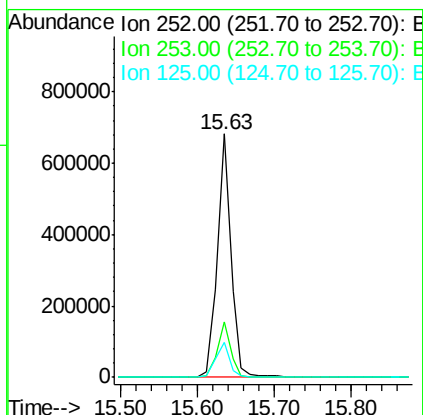
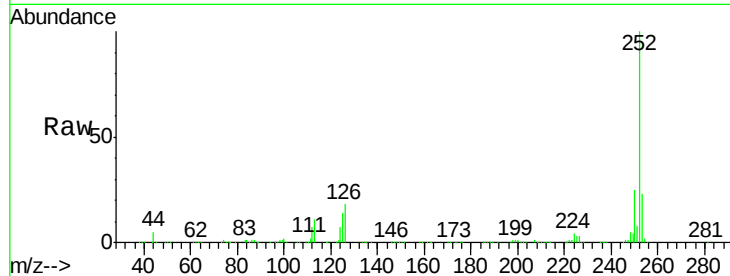
#89
Benzo(a)pyrene
Concen: 40.86 ng
RT: 15.63 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Instrument :
BNA_F
ClientSampleId :
ICVBF100416

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	14.2	9.8	14.8

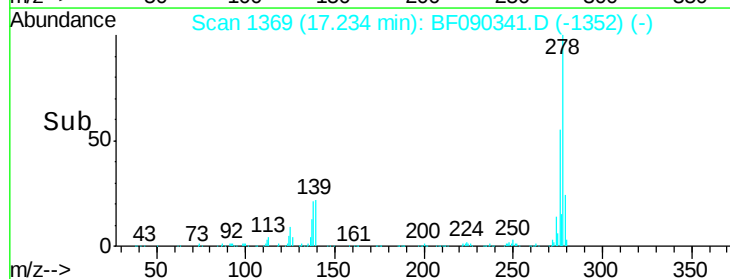
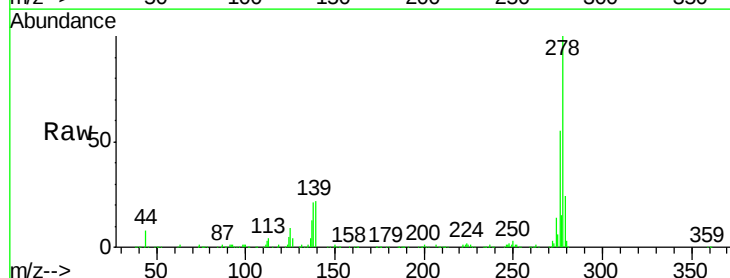
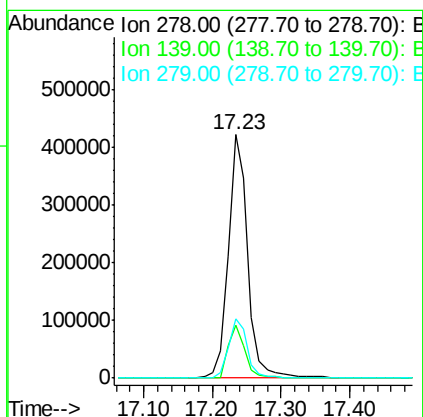
Manual Integrations
APPROVED

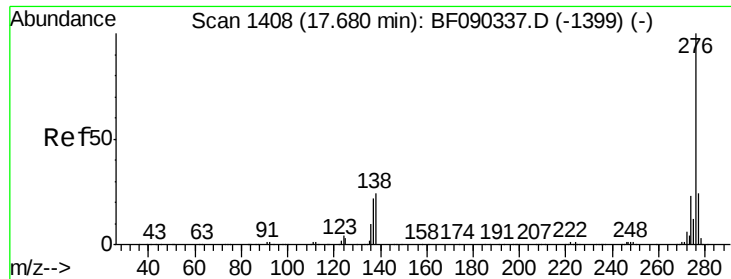
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 41.16 ng
RT: 17.23 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF090341.D
Acq: 4 Oct 2016 13:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	12.8	19.2#
279	24.2	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 41.24 ng
 RT: 17.68 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF090341.D
 Acq: 4 Oct 2016 13:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100416

Tgt Ion:	276	Resp:	824486
Ion Ratio		Lower	Upper
276	100		
277	23.6	19.4	29.0
138	24.3	20.8	31.2

Manual Integrations
 APPROVED

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