

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090462.D
 Acq On : 8 Oct 2016 2:17
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 10/10/2016 6:53:21 PM

Quant Time: Oct 08 04:27:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	288149	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	1239043	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	638792	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	1057435	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	721268	20.00	ng	-0.02
86) Perylene-d12	15.68	264	505859	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1272419	65.90	ng	-0.01
7) Phenol-d6	6.62	99	1810337	71.59	ng	0.00
23) Nitrobenzene-d5	7.56	82	1800766	70.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	482068	92.81	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2890349	75.39	ng	-0.01
78) Terphenyl-d14	13.13	244	2983412	92.99	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	333052	34.99	ng	# 87
3) Pyridine	3.45	79	940658	35.45	ng	# 79
4) n-Nitrosodimethylamine	3.39	42	351433	32.09	ng	# 52
6) Aniline	6.65	93	1245223	35.65	ng	# 71
8) 2-Chlorophenol	6.77	128	750669	35.33	ng	89
9) Benzaldehyde	6.53	77	510344	39.93	ng	93
10) Phenol	6.65	94	980129	33.34	ng	# 52
11) bis(2-Chloroethyl)ether	6.73	93	802300	35.64	ng	100
12) 1,3-Dichlorobenzene	6.93	146	800684m	37.80	ng	
13) 1,4-Dichlorobenzene	7.01	146	790405	36.74	ng	93
14) 1,2-Dichlorobenzene	7.16	146	712600	34.38	ng	97
15) Benzyl Alcohol	7.14	79	715005	37.19	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.26	45	1140942	29.89	ng	88
17) 2-Methylphenol	7.25	107	679089	38.86	ng	98
18) Hexachloroethane	7.50	117	274941	32.42	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	676251	36.47	ng	# 79
20) 3+4-Methylphenols	7.40	107	739540	32.70	ng	# 78
22) Acetophenone	7.40	105	1003971	34.21	ng	98
24) Nitrobenzene	7.57	77	825082	32.63	ng	96
25) Isophorone	7.81	82	1659549	35.63	ng	96
26) 2-Nitrophenol	7.89	139	426560	39.19	ng	# 86
27) 2,4-Dimethylphenol	7.94	122	755560	35.70	ng	97
28) bis(2-Chloroethoxy)methane	8.03	93	1029889	37.39	ng	99
29) 2,4-Dichlorophenol	8.14	162	602214	37.42	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	670340	40.42	ng	96
31) Naphthalene	8.30	128	2184496	36.54	ng	99
32) Benzoic acid	8.06	122	488138	33.17	ng	97
33) 4-Chloroaniline	8.35	127	964969	39.06	ng	95
34) Hexachlorobutadiene	8.42	225	322050	34.75	ng	99
35) Caprolactam	8.74	113	227587	42.06	ng	# 76
36) 4-Chloro-3-methylphenol	8.83	107	743448	36.89	ng	94
37) 2-Methylnaphthalene	9.00	142	1363957	37.70	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	624136	37.06	ng	98
40) Hexachlorocyclopentadiene	9.15	237	254708	27.59	ng	99

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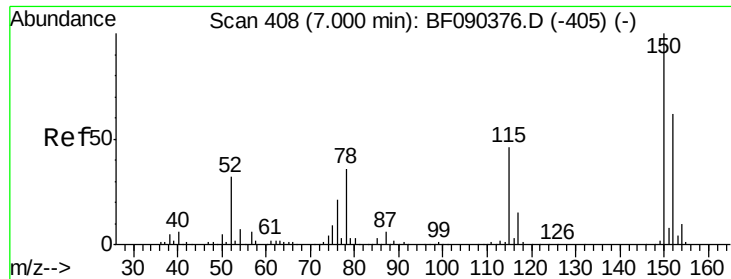
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	486182	41.84	ng	97
43) 2,4,5-Trichlorophenol	9.32	196	452932	41.22	ng #	86
45) 1,1'-Biphenyl	9.46	154	1687485	35.65	ng	95
46) 2-Chloronaphthalene	9.49	162	1405593	40.19	ng	93
47) 2-Nitroaniline	9.58	65	550993	39.93	ng	83
48) Acenaphthylene	9.90	152	2022700	35.05	ng	100
49) Dimethylphthalate	9.77	163	1640451	40.10	ng	99
50) 2,6-Dinitrotoluene	9.82	165	378218	41.64	ng #	85
51) Acenaphthene	10.07	154	1235252	34.33	ng	98
52) 3-Nitroaniline	9.99	138	447675	42.19	ng	99
53) 2,4-Dinitrophenol	10.09	184	113138	27.94	ng #	1
54) Dibenzofuran	10.25	168	1666134	35.78	ng	93
55) 4-Nitrophenol	10.15	139	371233	39.99	ng #	85
56) 2,4-Dinitrotoluene	10.22	165	451645	37.36	ng #	43
57) Fluorene	10.59	166	1376401	35.17	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.36	232	301429m	36.73	ng	
59) Diethylphthalate	10.46	149	1633831	38.60	ng	95
60) 4-Chlorophenyl-phenylether	10.58	204	685832	38.54	ng	88
61) 4-Nitroaniline	10.61	138	445549	41.68	ng	94
62) Azobenzene	10.74	77	1717655	35.13	ng	88
64) 4,6-Dinitro-2-methylphenol	10.63	198	193407	29.46	ng #	72
65) n-Nitrosodiphenylamine	10.70	169	1367110	38.58	ng	98
66) 4-Bromophenyl-phenylether	11.08	248	418639	40.39	ng #	80
67) Hexachlorobenzene	11.15	284	477813	41.39	ng #	80
68) Atrazine	11.23	200	353208	40.42	ng	97
69) Pentachlorophenol	11.33	266	242639	35.31	ng	99
70) Phenanthrene	11.56	178	2222695	41.05	ng	99
71) Anthracene	11.61	178	1925440	34.82	ng	99
72) Carbazole	11.77	167	2114000	41.15	ng	97
73) Di-n-butylphthalate	12.10	149	2379779	38.06	ng #	96
74) Fluoranthene	12.75	202	1999697	37.65	ng	98
76) Benzidine	12.86	184	780292	41.14	ng	99
77) Pyrene	12.98	202	1955487	40.66	ng	100
79) Butylbenzylphthalate	13.60	149	994738	40.31	ng #	85
80) Benzo(a)anthracene	14.17	228	1622894	40.10	ng	99
81) 3,3'-Dichlorobenzidine	14.13	252	615057	41.92	ng #	98
82) Chrysene	14.21	228	1605099	43.10	ng	99
83) Bis(2-ethylhexyl)phthalate	14.16	149	1350786	38.51	ng #	98
84) Di-n-octyl phthalate	14.77	149	1972891	37.94	ng #	90
85) Indeno(1,2,3-cd)pyrene	17.18	276	1124333	42.34	ng	95
87) Benzo(h)fluoranthene	15.24	252	1246451	38.68	ng	98
88) Benzo(k)fluoranthene	15.26	252	1115652m	36.86	ng	
89) Benzo(a)pyrene	15.62	252	1071227	38.57	ng	98
90) Dibenzo(a,h)anthracene	17.21	278	953358	40.35	ng #	95
91) Benzo(g,h,i)perylene	17.64	276	899506	39.67	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

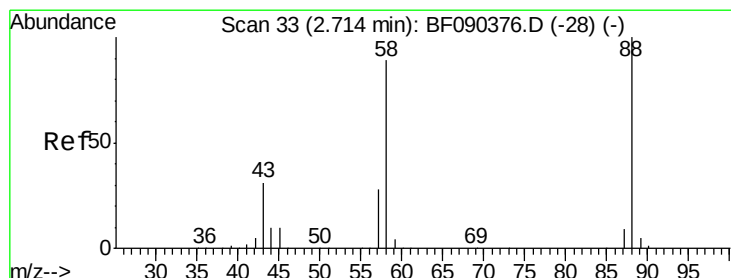
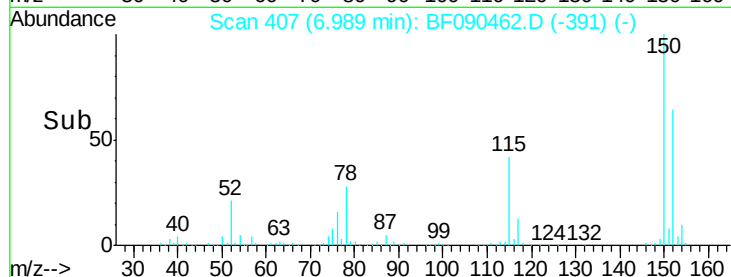
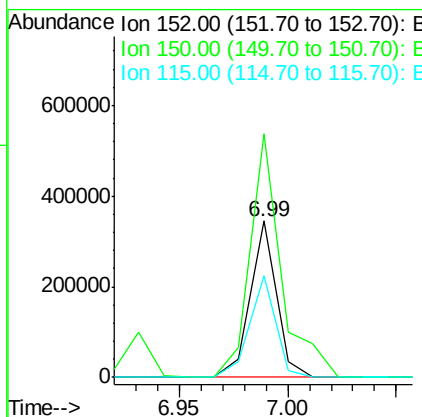
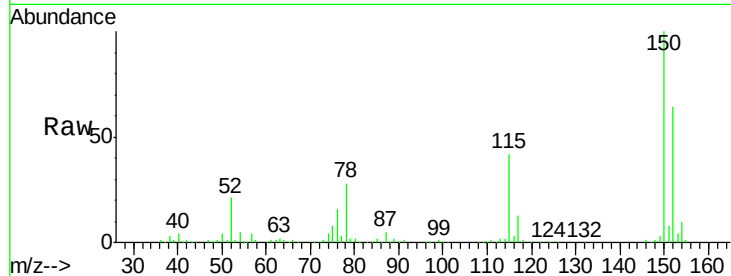
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	65.0	46.2	69.4

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#2

1,4-Dioxane

Concen: 34.99 ng

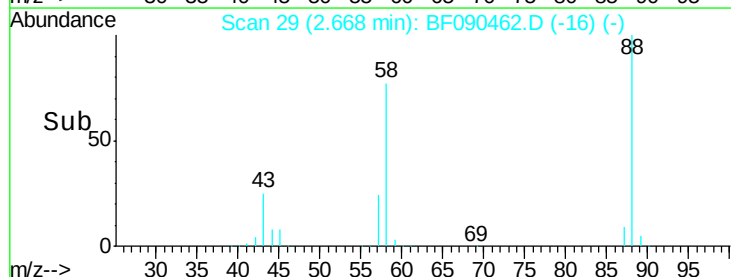
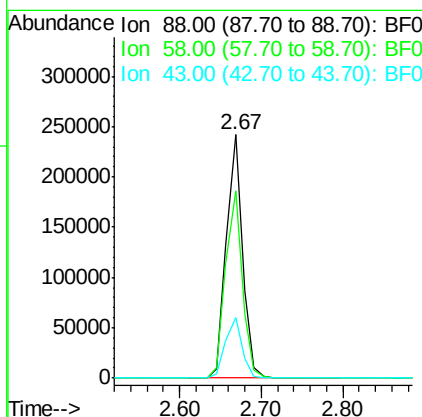
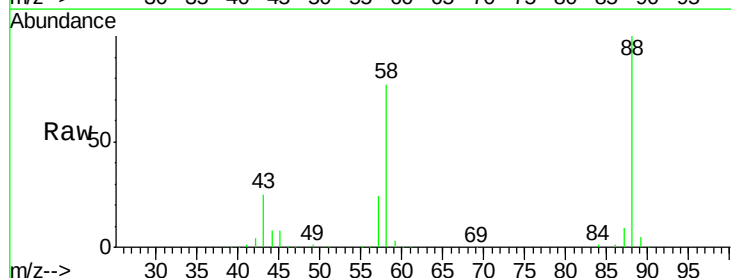
RT: 2.67 min Scan# 29

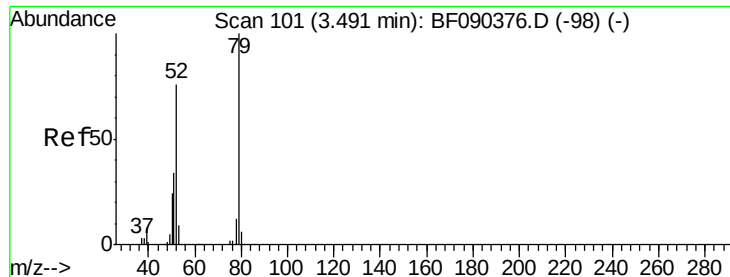
Delta R.T. -0.05 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.2	71.2	106.8
43	25.8	29.8	44.6





#3

Pyridine

Concen: 35.45 ng

RT: 3.45 min Scan# 97

Delta R.T. -0.05 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 940658
Ion Ratio Lower Upper

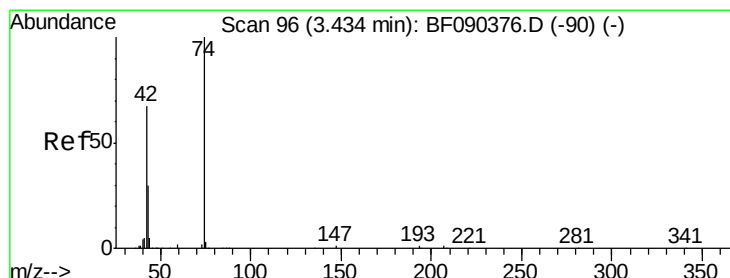
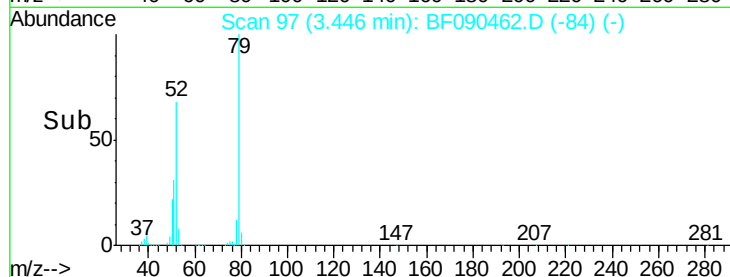
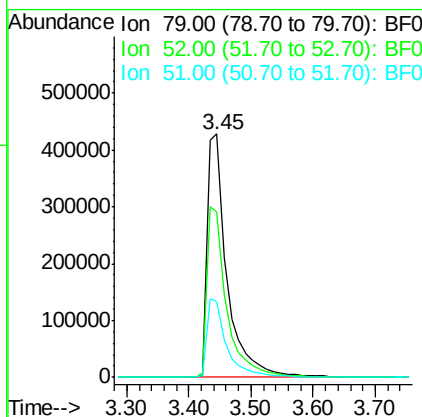
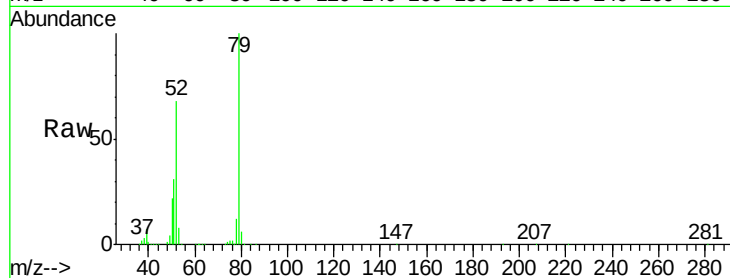
79 100

52 67.8 71.3 106.9#

51 31.0 34.5 51.7#

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#4

n-Nitrosodimethylamine

Concen: 32.09 ng

RT: 3.39 min Scan# 92

Delta R.T. -0.05 min

Lab File: BF090462.D

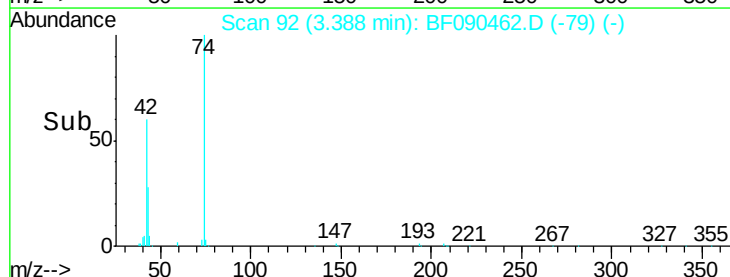
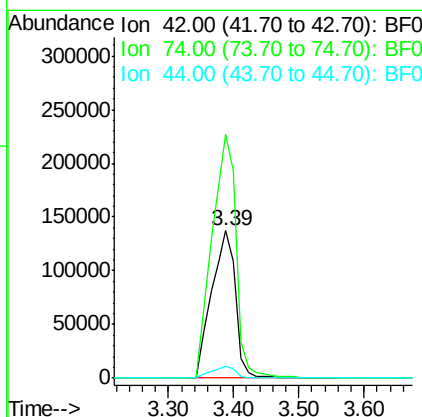
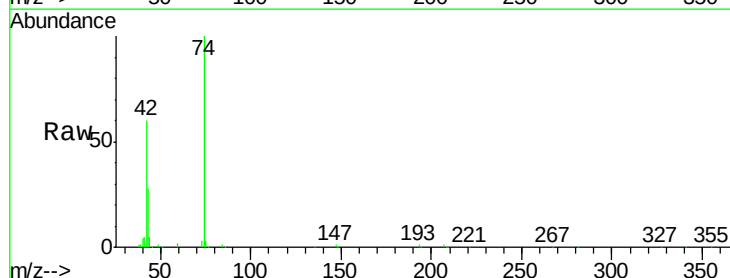
Acq: 8 Oct 2016 2:17

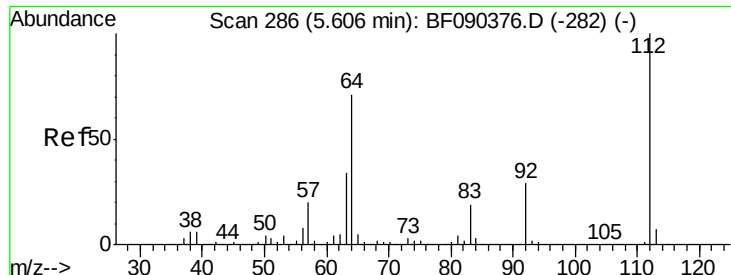
Tgt Ion: 42 Resp: 351433
Ion Ratio Lower Upper

42 100

74 165.4 88.9 133.3#

44 7.9 6.5 9.7





#5

2-Fluorophenol

Concen: 65.90 ng

RT: 5.59 min Scan# 285

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion: 112 Resp: 1272419

Ion Ratio Lower Upper

112 100

64 71.6 57.9 86.9

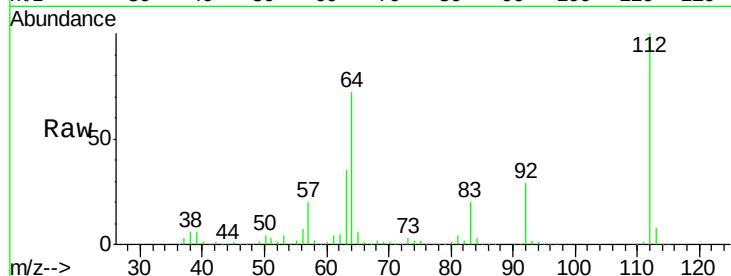
63 34.9 29.6 44.4

Manual Integrations

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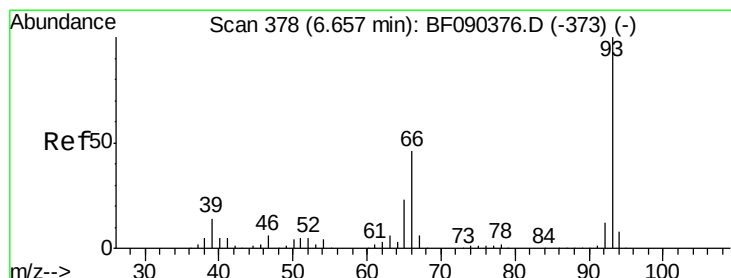
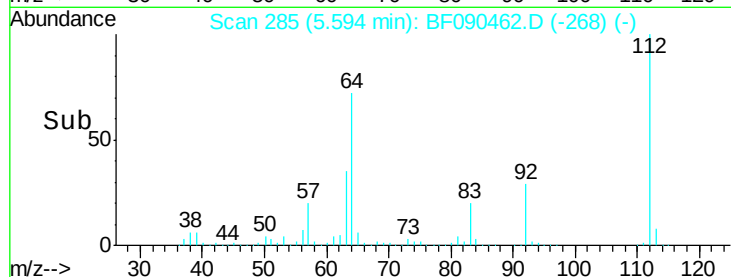
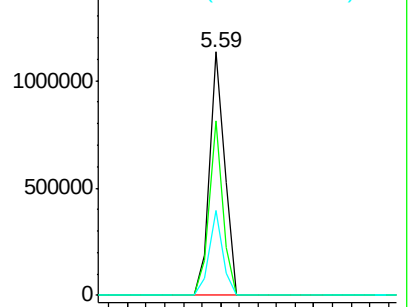
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.65 ng

RT: 6.65 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

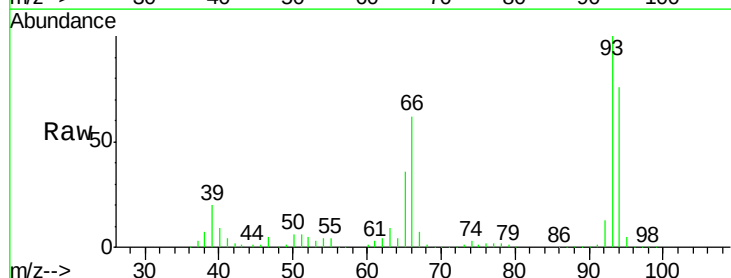
Tgt Ion: 93 Resp: 1245223

Ion Ratio Lower Upper

93 100

66 61.9 34.5 51.7#

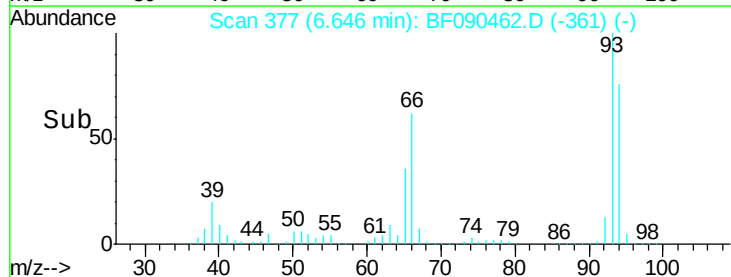
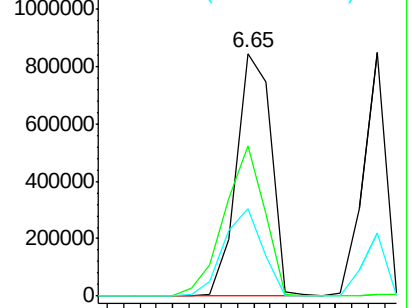
65 36.2 18.2 27.2#

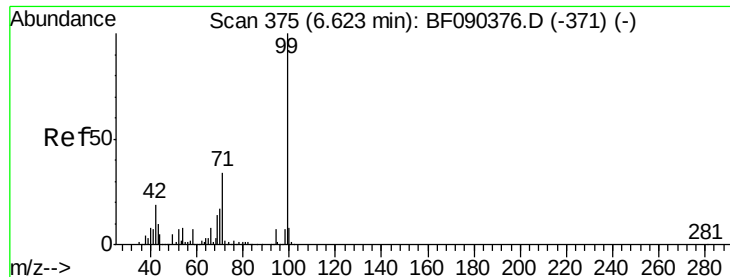


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.59 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1810337

Ion Ratio Lower Upper

99 100

42 17.0 20.0 30.0#

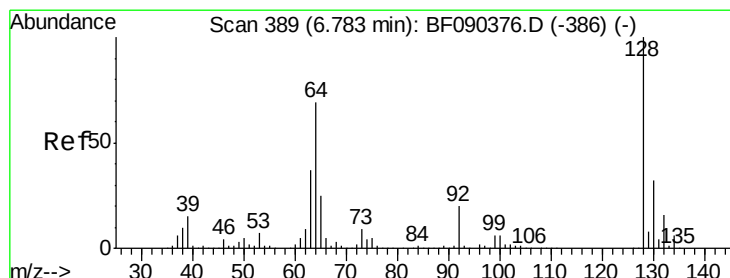
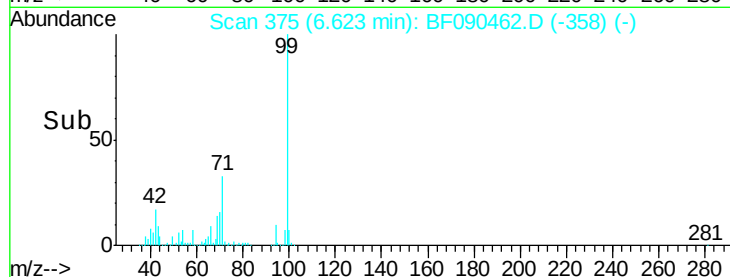
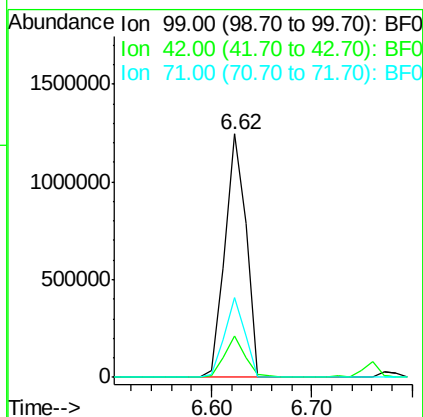
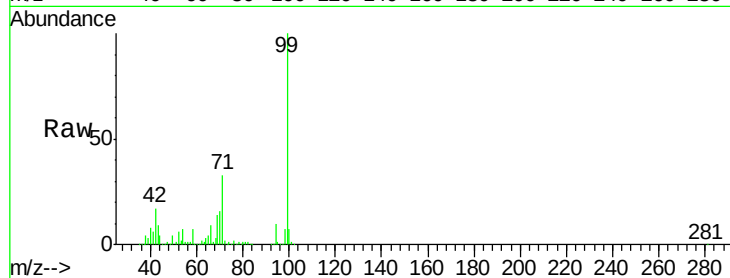
71 33.0 27.9 41.9

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#8

2-Chlorophenol

Concen: 35.33 ng

RT: 6.77 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

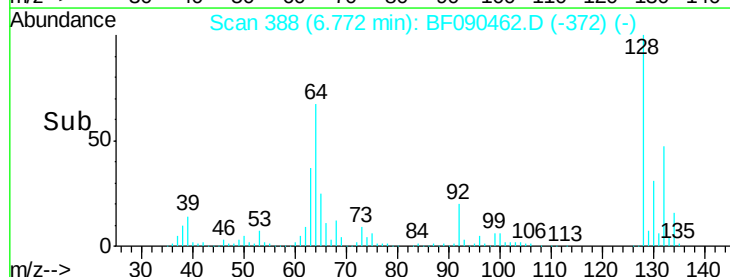
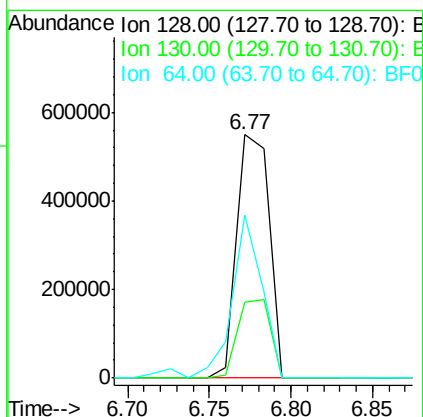
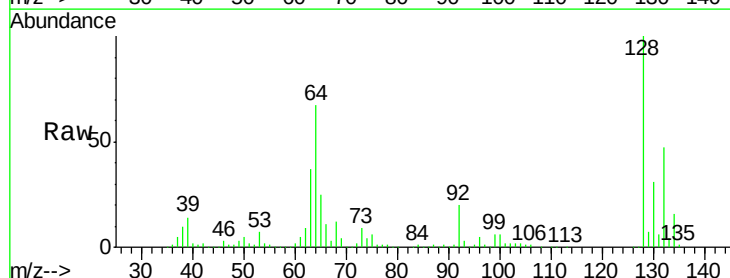
Tgt Ion: 128 Resp: 750669

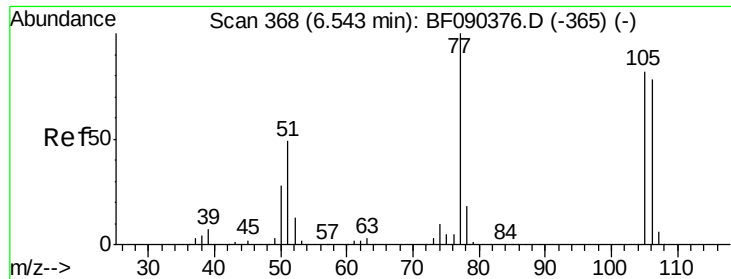
Ion Ratio Lower Upper

128 100

130 31.4 13.3 53.3

64 66.9 36.0 76.0





#9

Benzaldehyde

Concen: 39.93 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

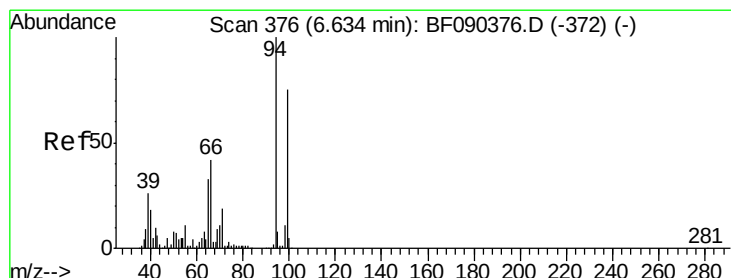
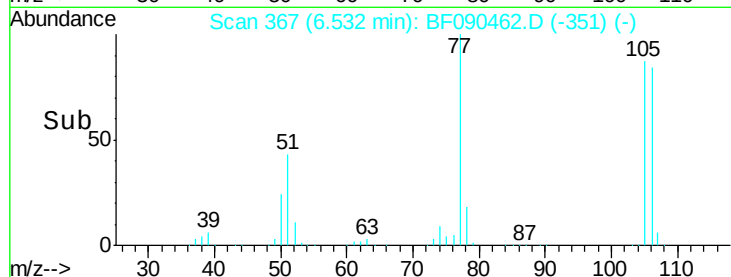
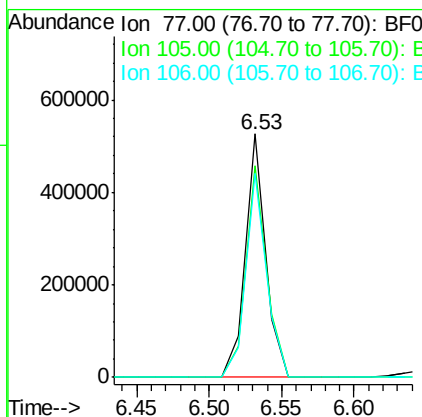
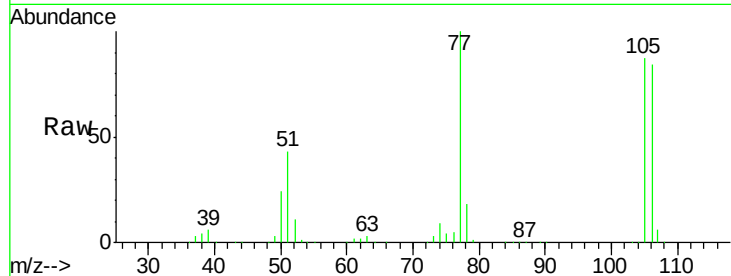
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	510344
Ion	Ratio	Lower	Upper
77	100		
105	86.7	73.1	113.1
106	83.8	70.2	110.2

Manual Integrations
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#10

Phenol

Concen: 33.34 ng

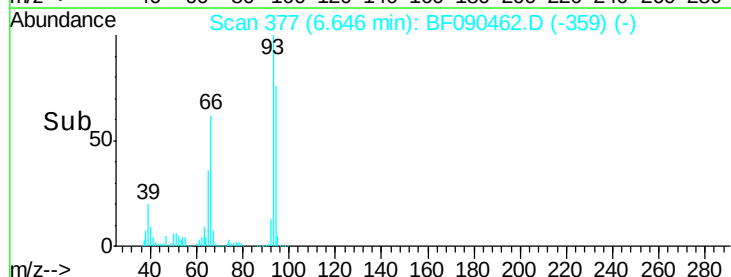
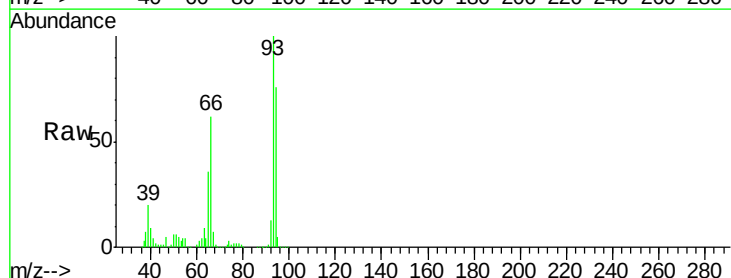
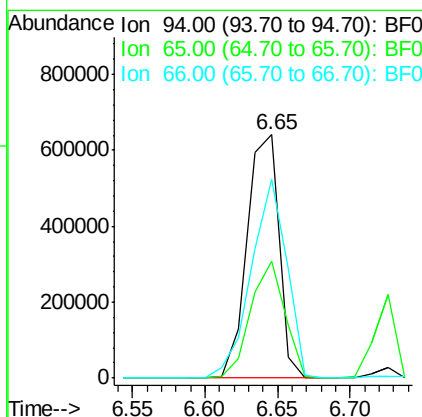
RT: 6.65 min Scan# 377

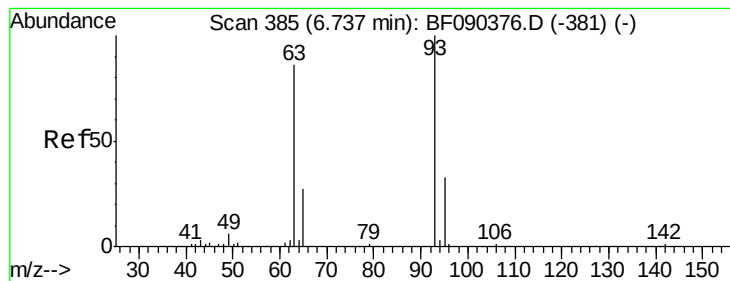
Delta R.T. 0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Tgt Ion:	94	Resp:	980129
Ion	Ratio	Lower	Upper
94	100		
65	47.8	13.3	53.3
66	81.6	20.4	60.4#





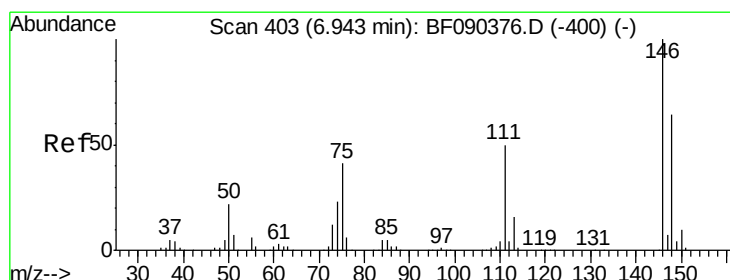
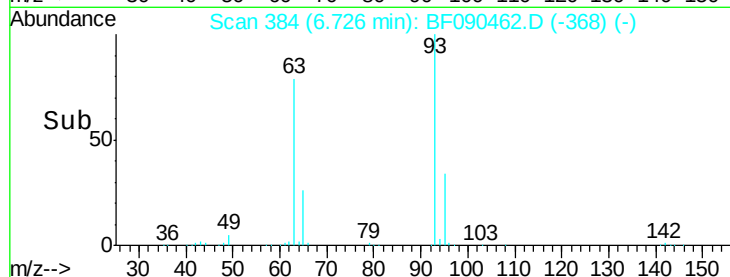
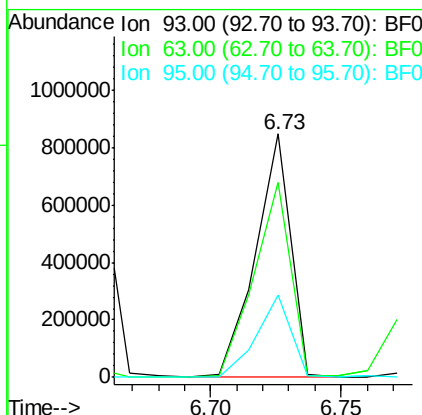
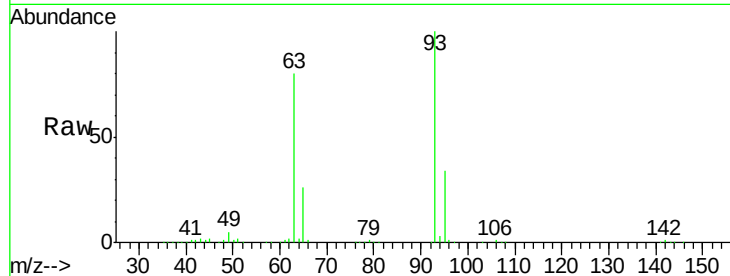
#11
bis(2-Chloroethyl)ether
Concen: 35.64 ng
RT: 6.73 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.9	59.7	99.7
95	33.6	14.0	54.0

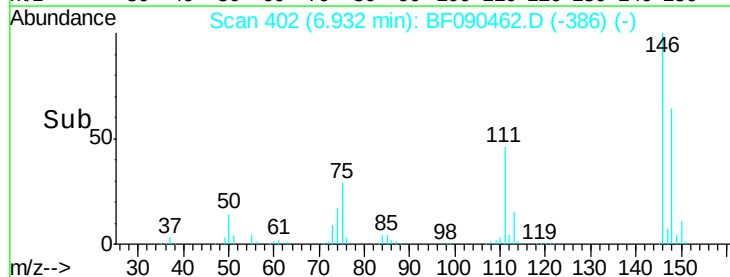
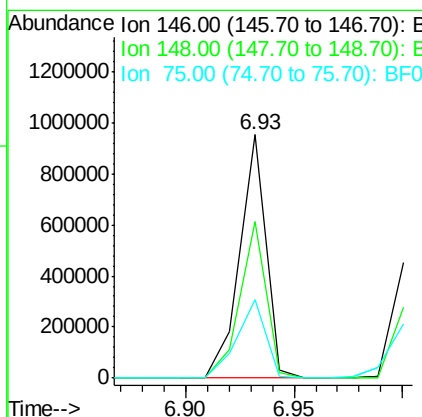
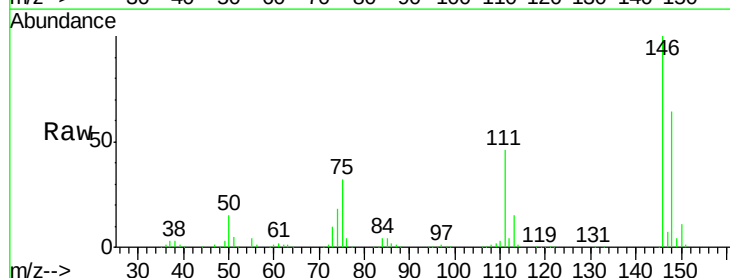
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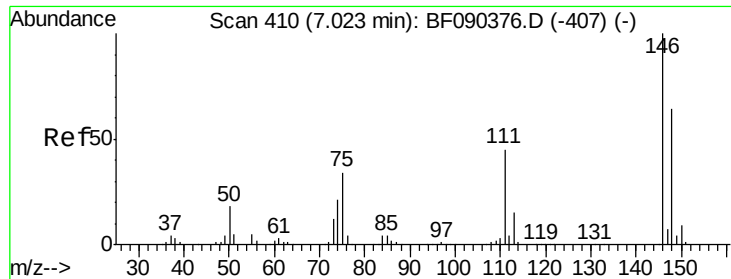
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#12
1,3-Dichlorobenzene
Concen: 37.80 ng m
RT: 6.93 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.4
75	32.5	21.4	32.2#





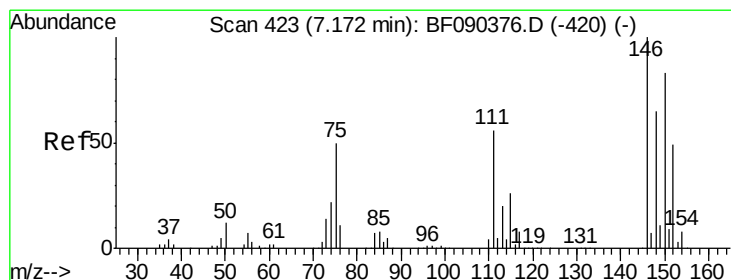
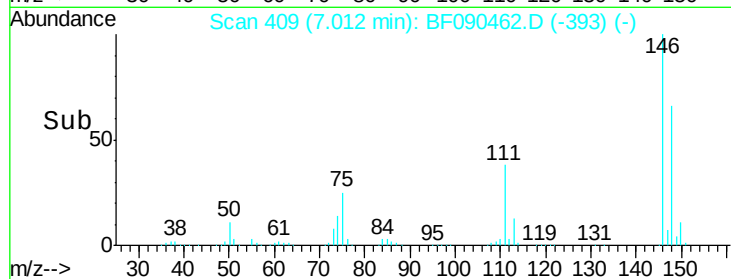
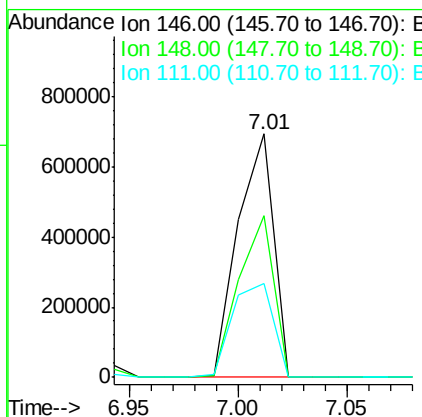
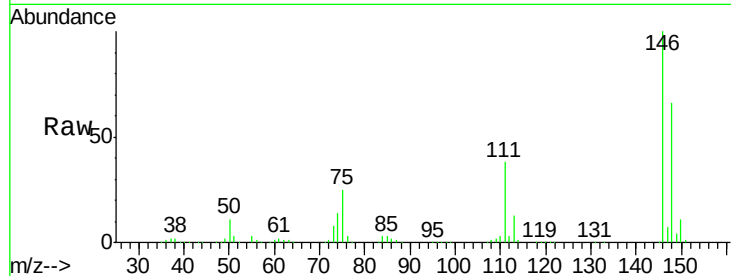
#13
 1,4-Dichlorobenzene
 Concen: 36.74 ng
 RT: 7.01 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.1	76.7
111	38.5	37.8	56.6

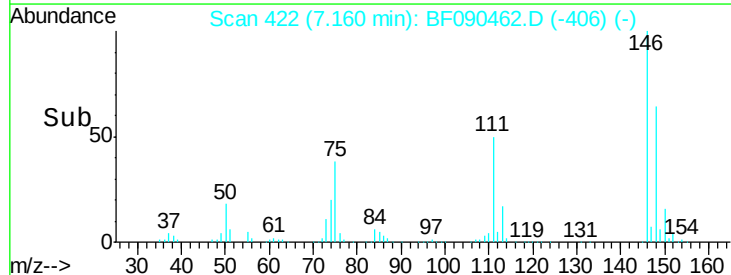
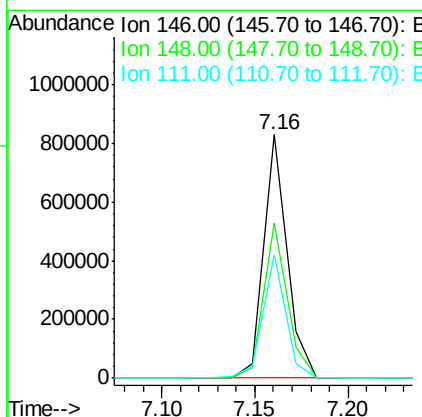
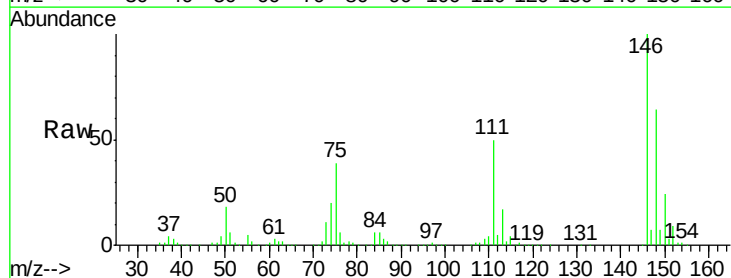
Manual Integrations
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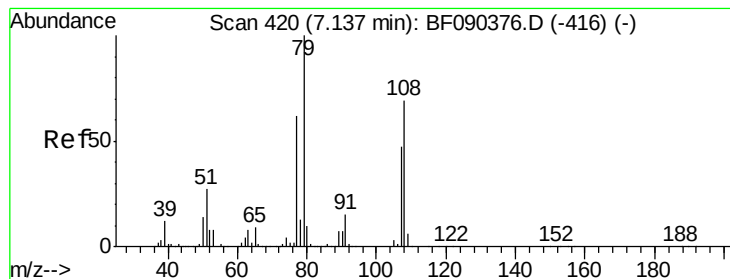
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#14
 1,2-Dichlorobenzene
 Concen: 34.38 ng
 RT: 7.16 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.3	78.5
111	50.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 37.19 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 715005

Ion Ratio Lower Upper

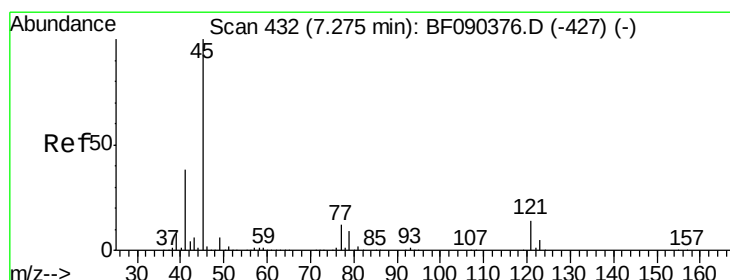
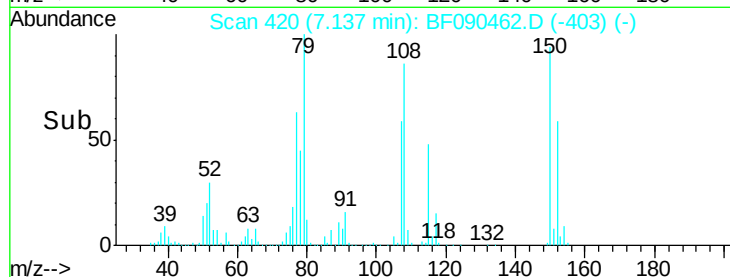
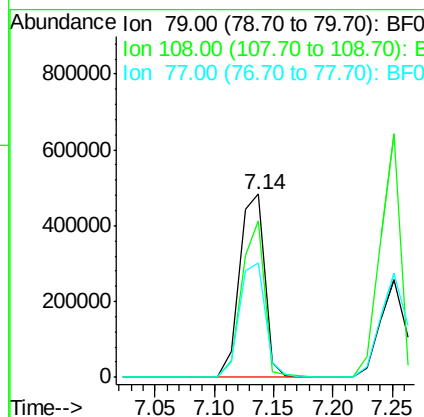
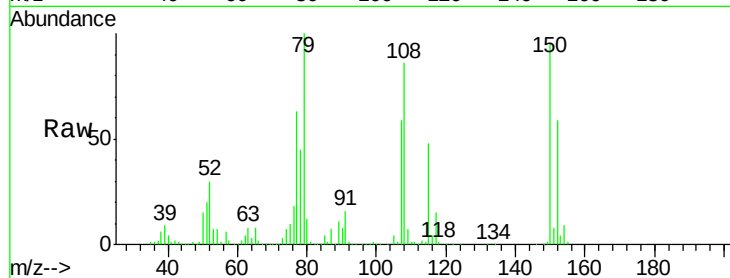
79 100

108 85.7 60.9 91.3

77 62.8 51.5 77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.89 ng

RT: 7.26 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

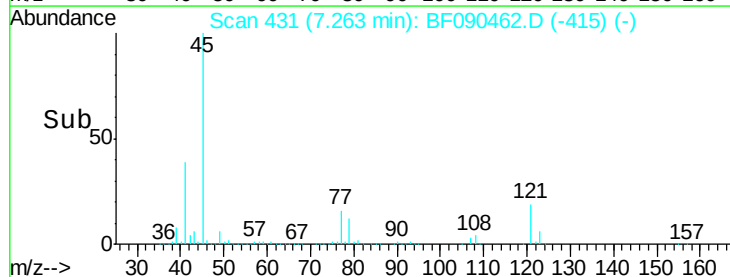
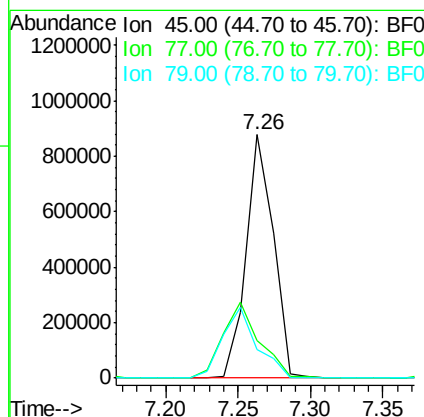
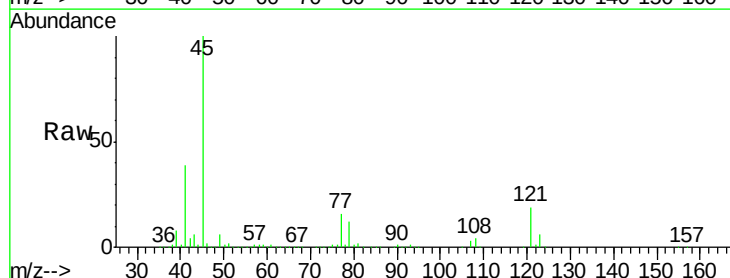
Tgt Ion: 45 Resp: 1140942

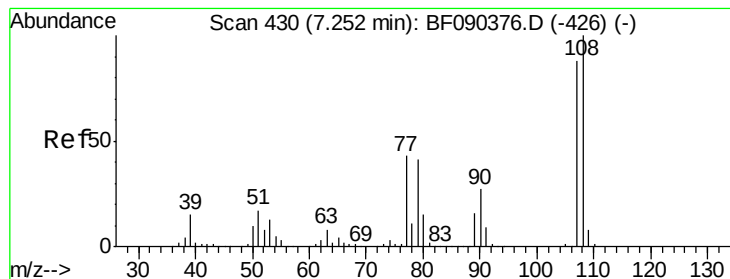
Ion Ratio Lower Upper

45 100

77 15.6 0.0 30.8

79 11.9 0.0 28.2





#17

2-Methylphenol

Concen: 38.86 ng

RT: 7.25 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

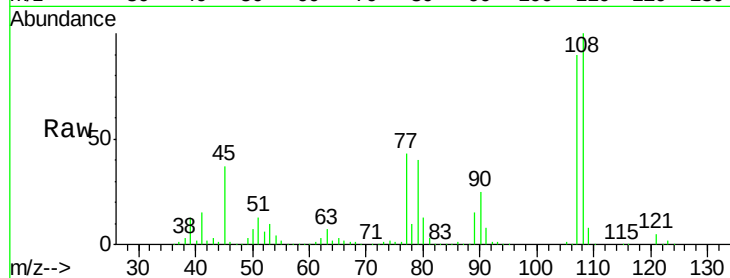
ClientSampleId :

SSTDCCC040

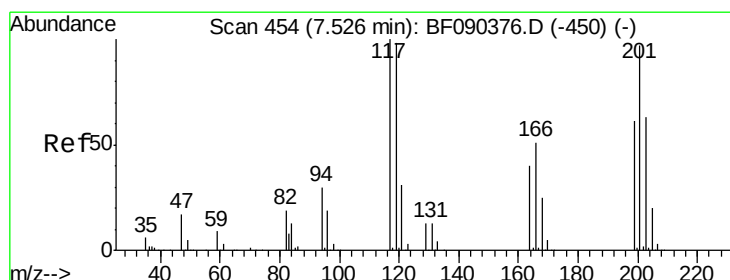
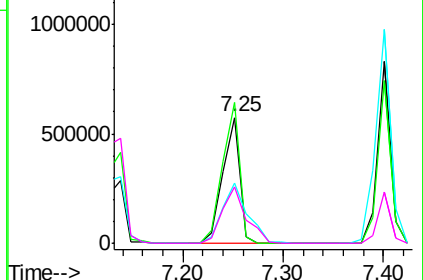
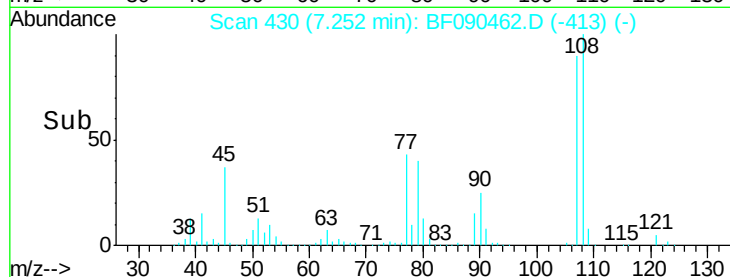
Tgt Ion:	107	Resp:	679089
Ion Ratio	Lower	Upper	
107	100		
108	111.4	90.9	136.3
77	47.6	38.2	57.4
79	44.6	37.0	55.4

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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: 32.42 ng

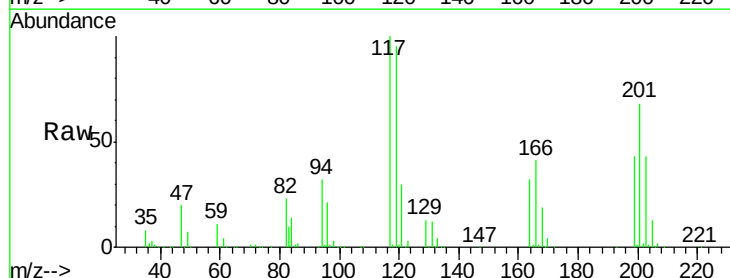
RT: 7.50 min Scan# 452

Delta R.T. -0.02 min

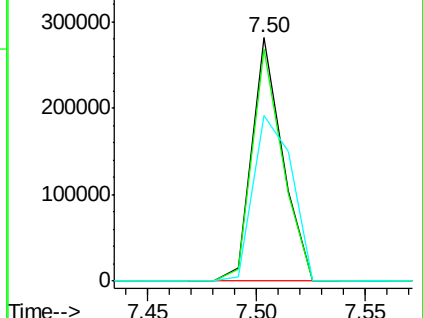
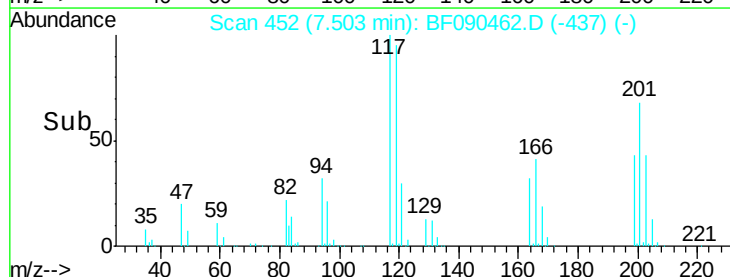
Lab File: BF090462.D

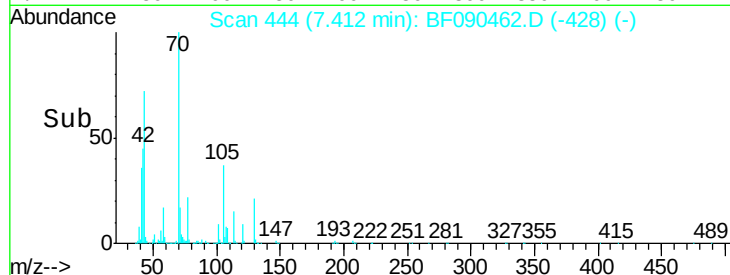
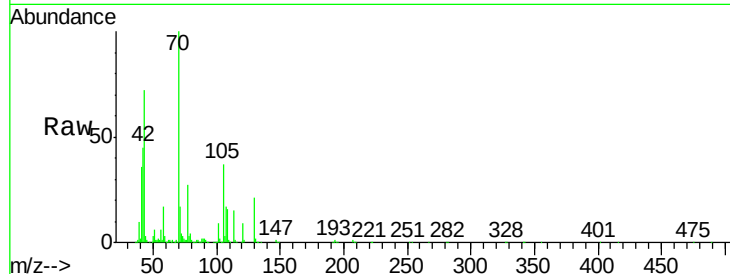
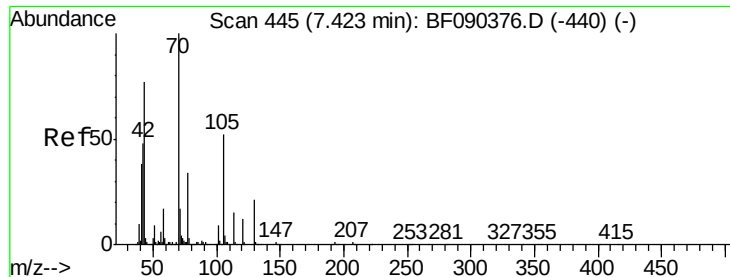
Acq: 8 Oct 2016 2:17

Tgt Ion:	117	Resp:	274941
Ion Ratio	Lower	Upper	
117	100		
119	95.2	75.9	113.9
201	68.1	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





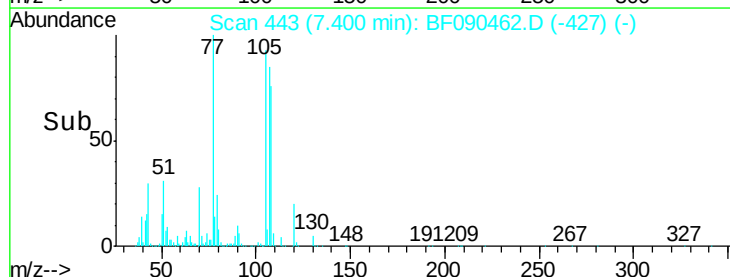
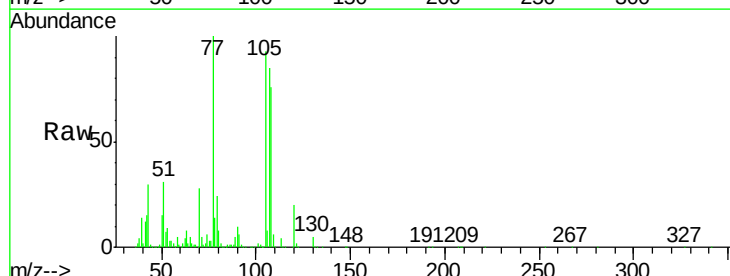
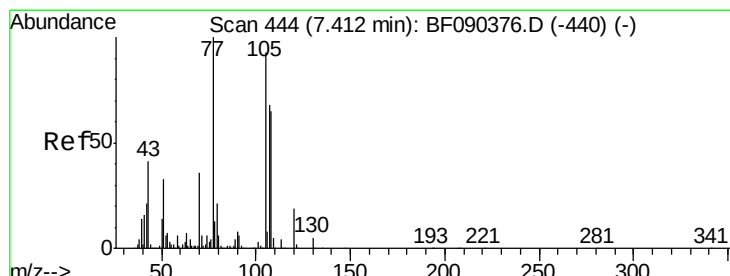
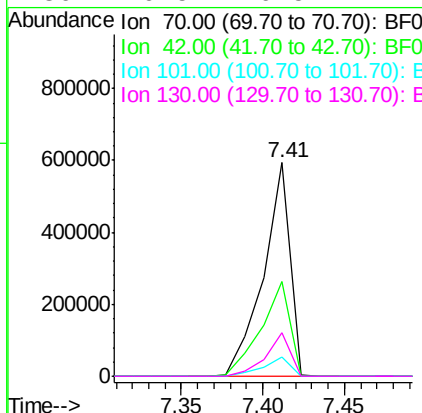
#19
n-Nitroso-di-n-propylamine
Concen: 36.47 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.6	55.4	83.2#
101	9.1	7.6	11.4
130	20.5	16.5	24.7

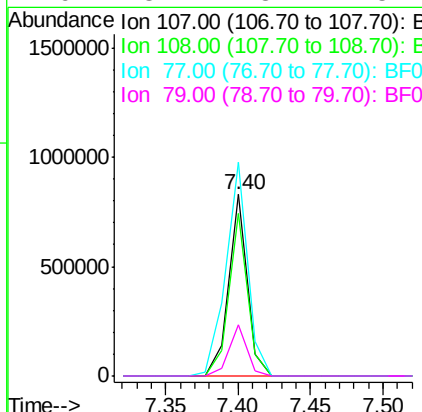
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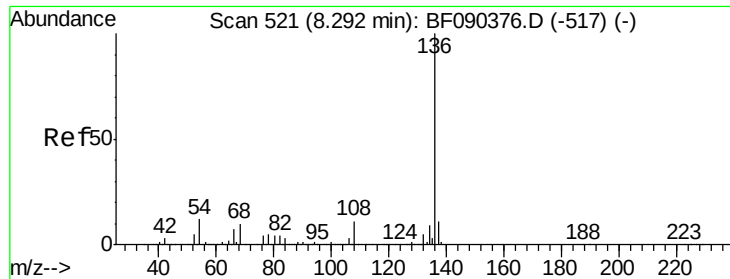
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#20
3+4-Methylphenols
Concen: 32.70 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	66.7	106.7
77	117.5	53.7	93.7#
79	28.1	8.4	48.4





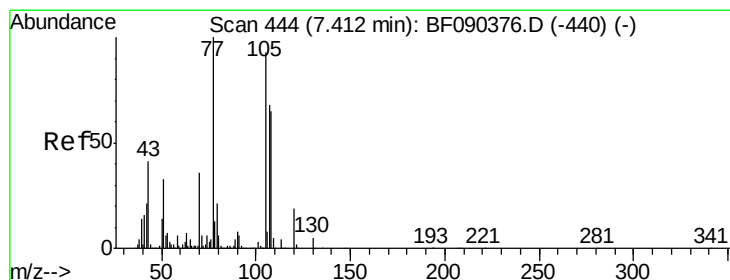
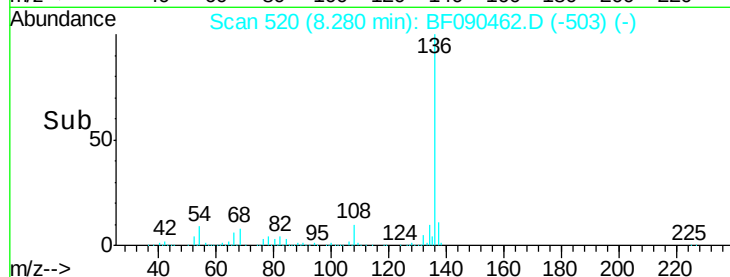
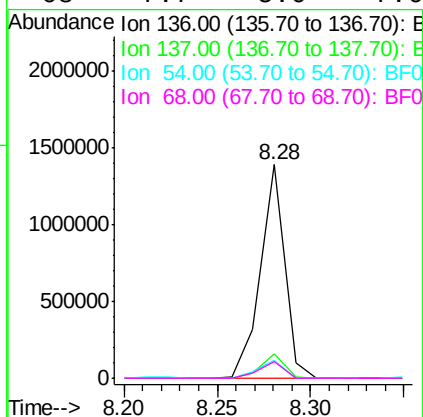
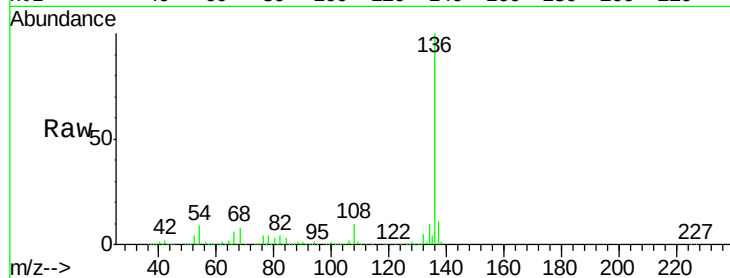
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.6	6.6	10.0
68	7.7	5.0	7.6

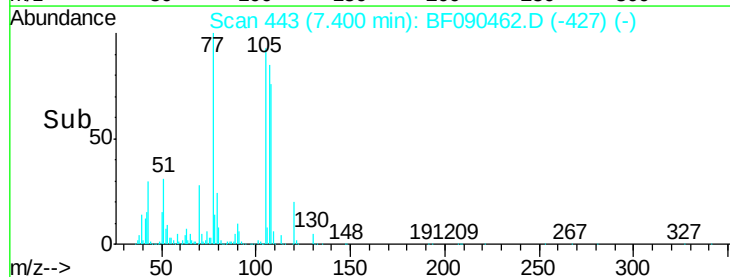
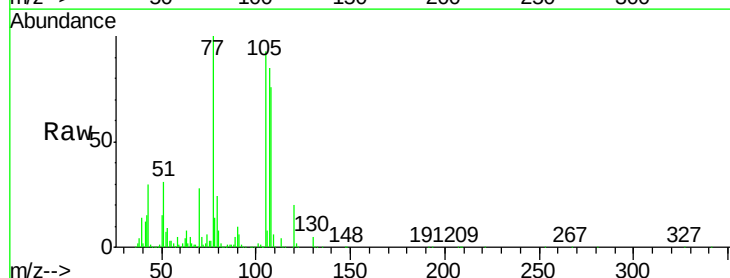
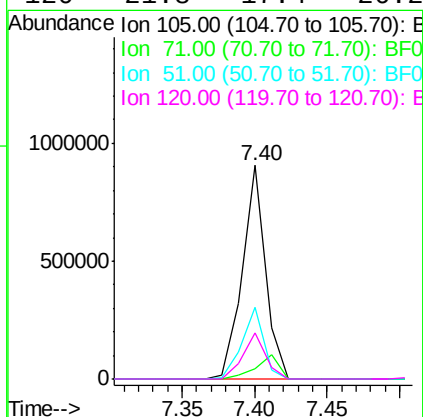
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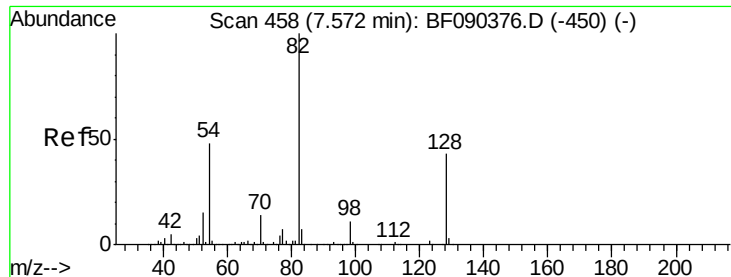
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#22
Acetophenone
Concen: 34.21 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.8	5.6
51	33.7	28.2	42.4
120	21.8	17.4	26.2





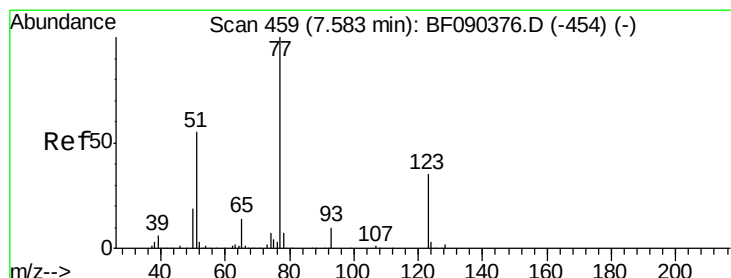
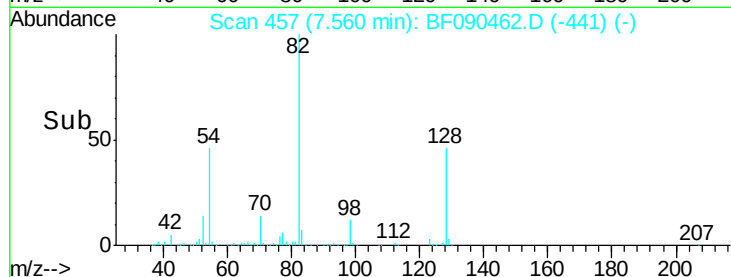
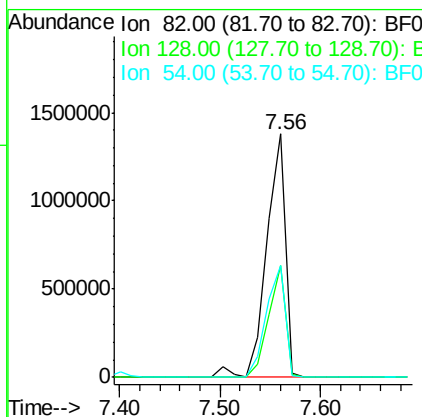
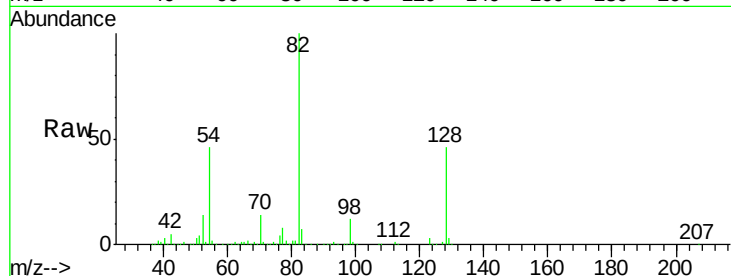
#23
Nitrobenzene-d5
Concen: 70.70 ng
RT: 7.56 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1800766
Ion Ratio Lower Upper
82 100
128 46.0 40.0 60.0
54 45.8 42.6 64.0

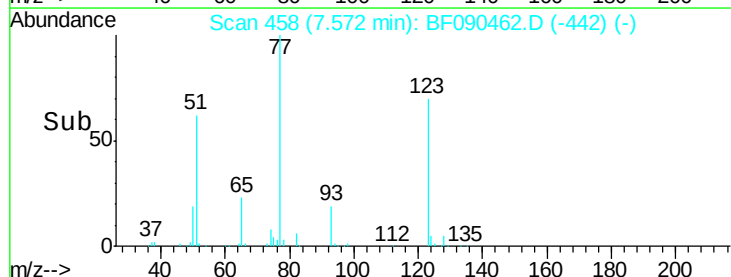
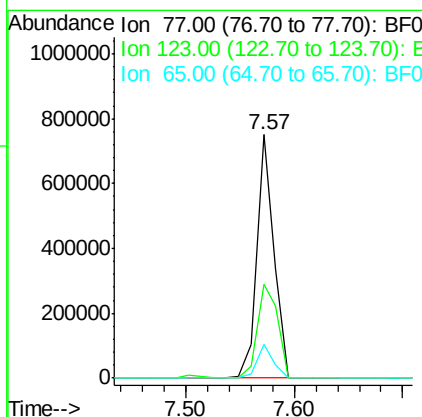
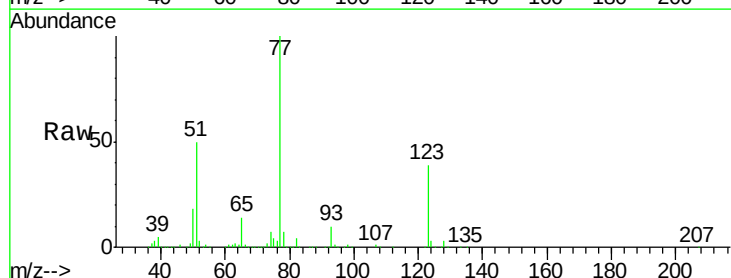
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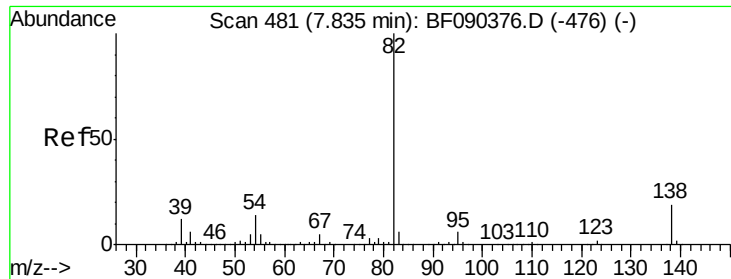
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#24
Nitrobenzene
Concen: 32.63 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion: 77 Resp: 825082
Ion Ratio Lower Upper
77 100
123 38.5 33.0 49.4
65 14.1 12.0 18.0





#25

Isophorone

Concen: 35.63 ng

RT: 7.81 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1659549

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

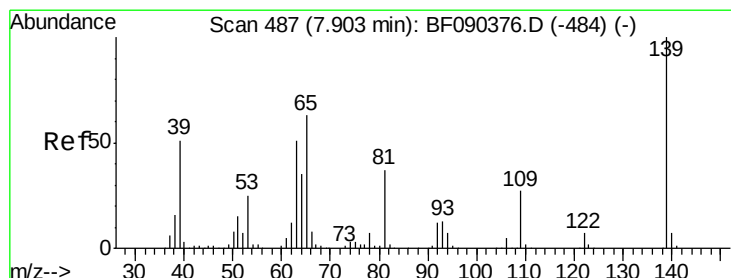
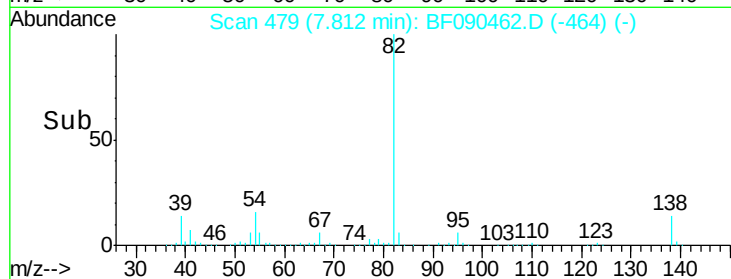
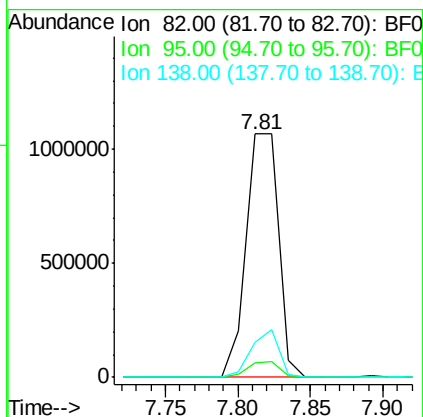
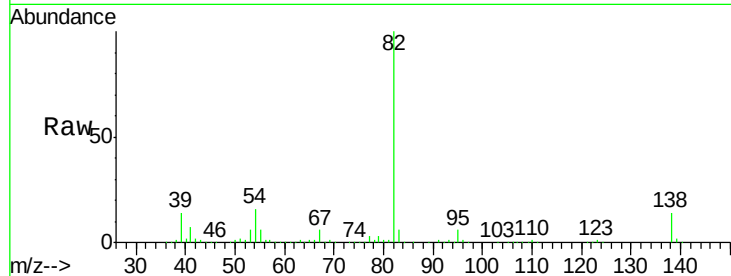
138 14.3 13.0 19.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 39.19 ng

RT: 7.89 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

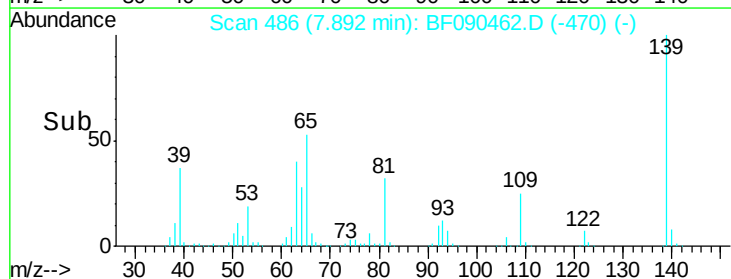
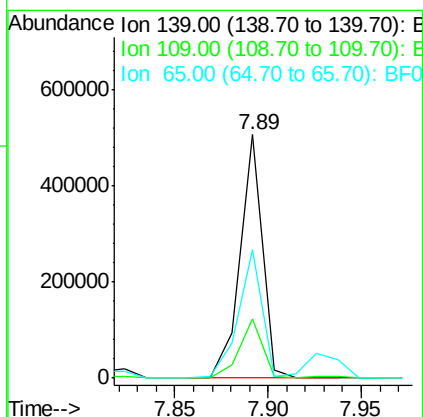
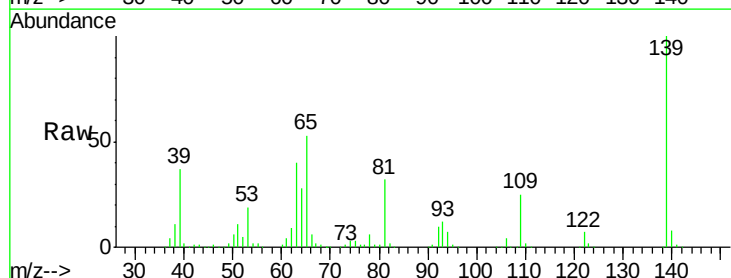
Tgt Ion: 139 Resp: 426560

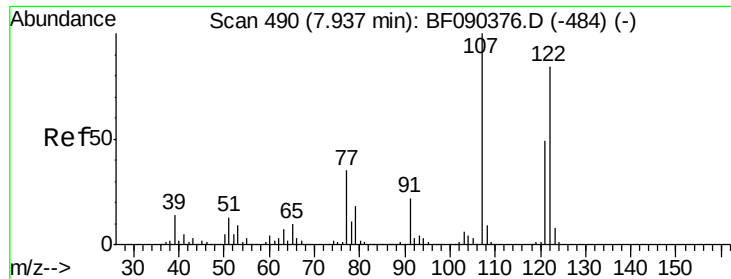
Ion Ratio Lower Upper

139 100

109 24.5 18.9 28.3

65 53.0 31.6 47.4#





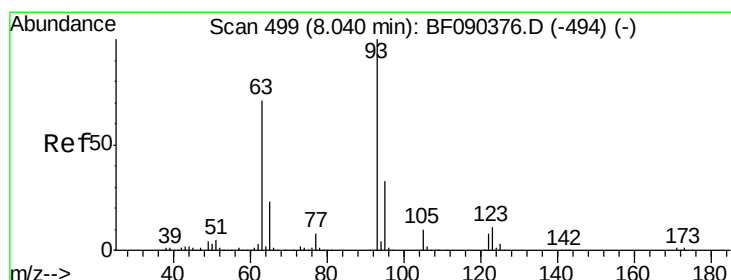
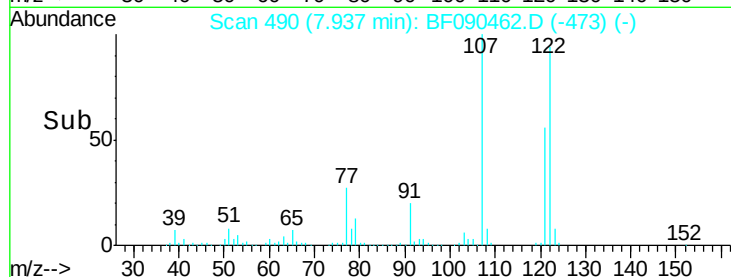
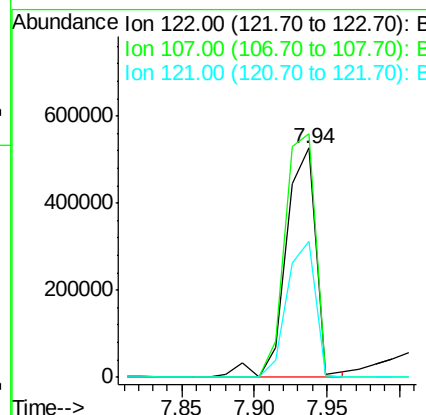
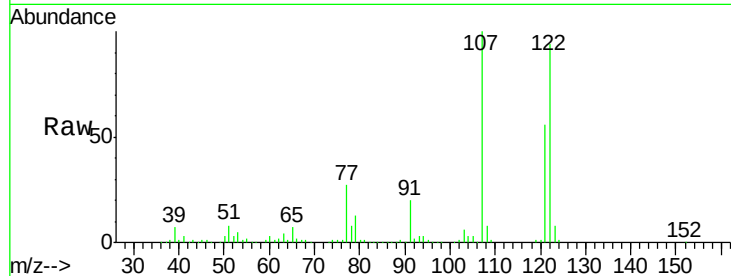
#27
2,4-Dimethylphenol
Concen: 35.70 ng
RT: 7.94 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	755560		
107	106.1	88.6	132.8	
121	59.4	47.5	71.3	

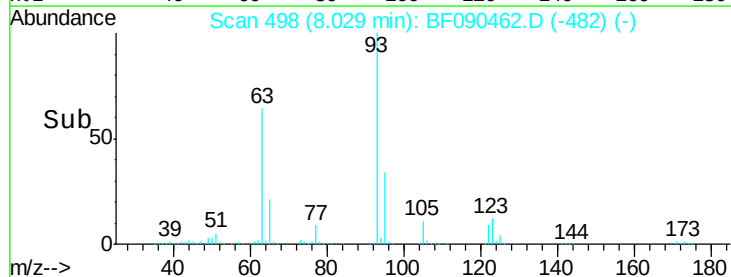
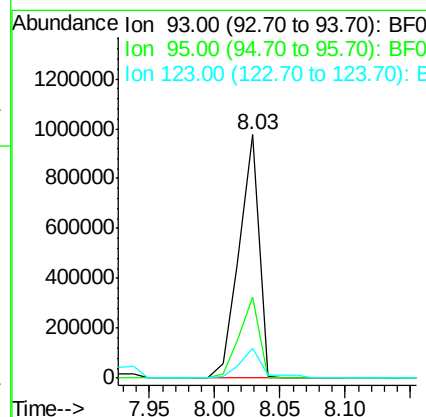
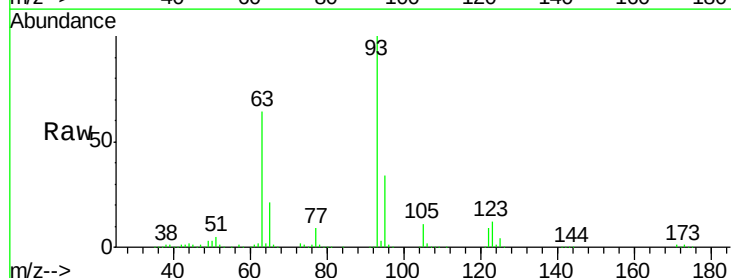
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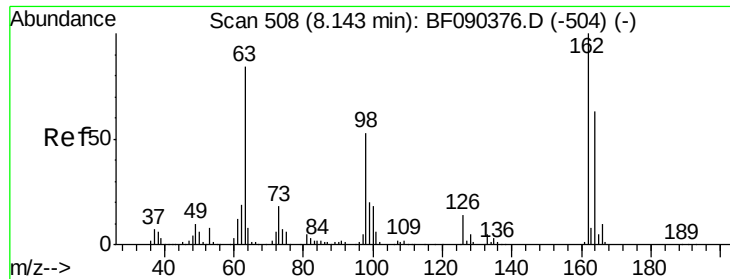
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#28
bis(2-Chloroethoxy)methane
Concen: 37.39 ng
RT: 8.03 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1029889		
95	33.5	27.0	40.4	
123	12.4	11.1	16.7	





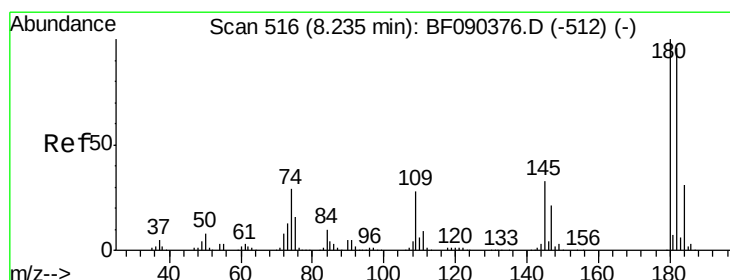
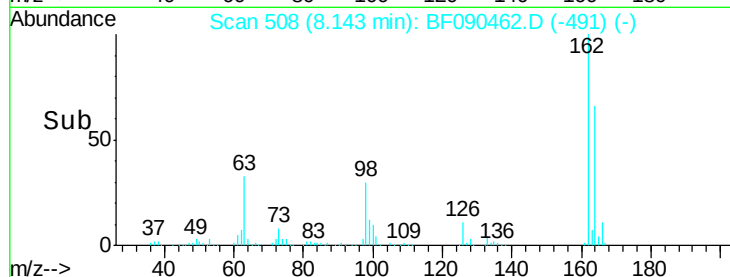
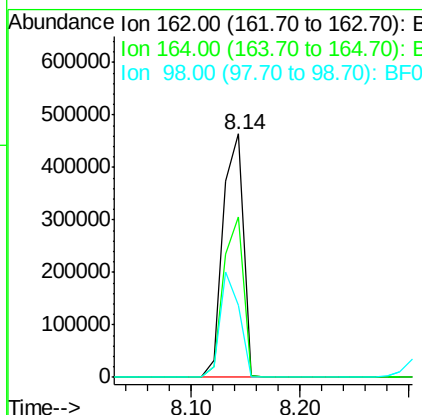
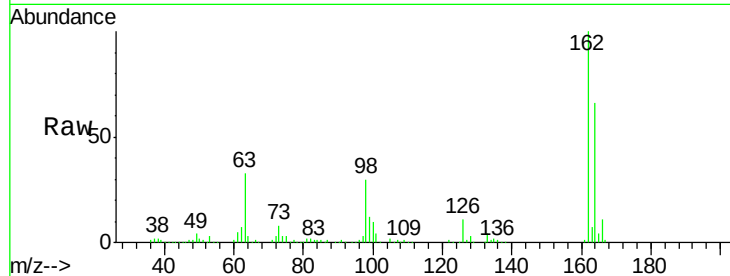
#29
 2,4-Dichlorophenol
 Concen: 37.42 ng
 RT: 8.14 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	602214		
164	66.1	45.7	85.7	
98	29.5	13.3	53.3	

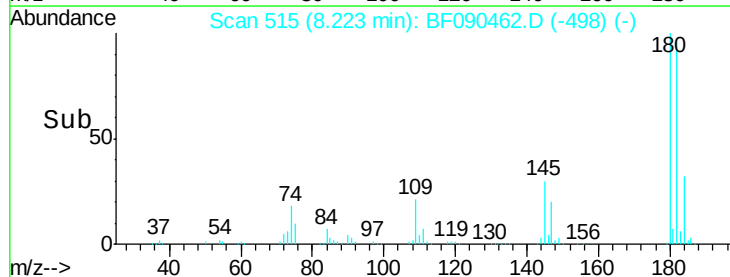
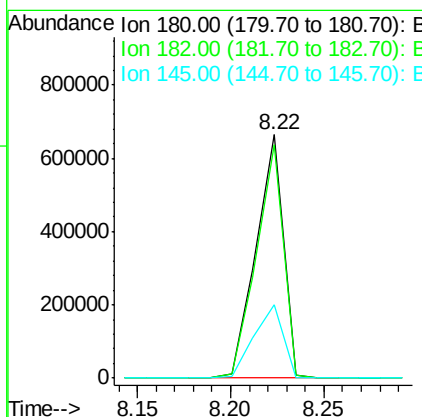
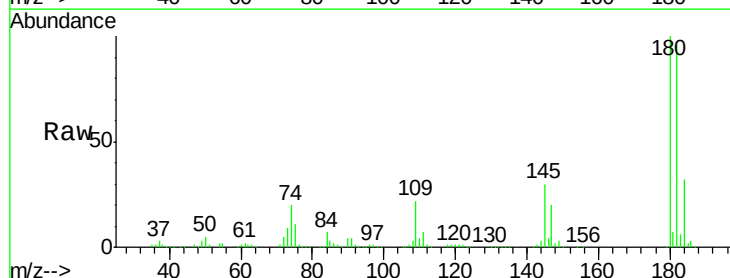
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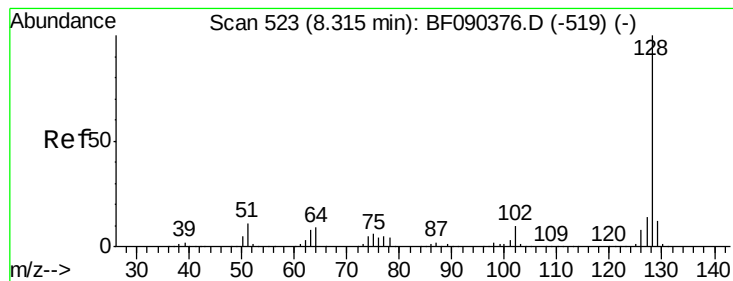
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.42 ng
 RT: 8.22 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	670340		
182	96.0	75.3	112.9	
145	30.0	27.7	41.5	





#31

Naphthalene

Concen: 36.54 ng

RT: 8.30 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 2184496

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

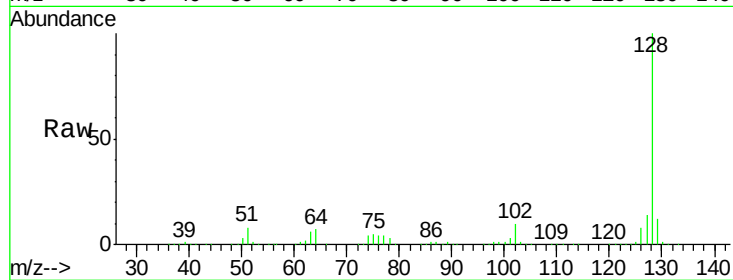
127 14.1 11.7 17.5

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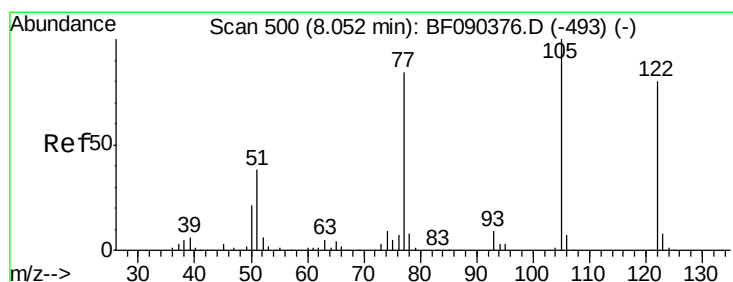
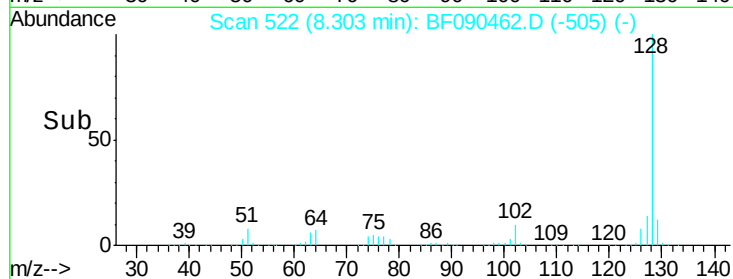
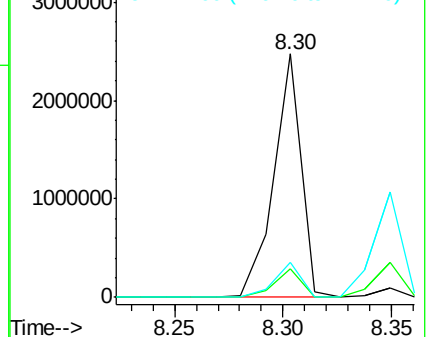
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.17 ng

RT: 8.06 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

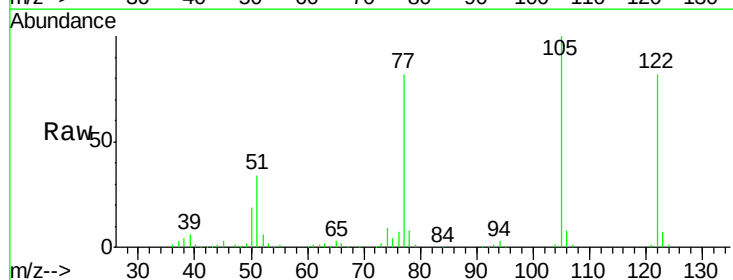
Tgt Ion:122 Resp: 488138

Ion Ratio Lower Upper

122 100

105 122.2 103.9 143.9

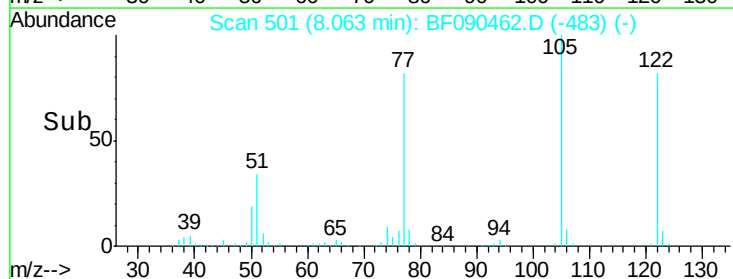
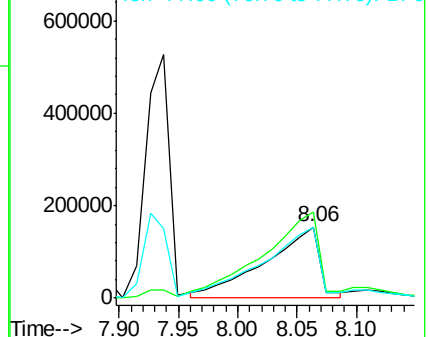
77 100.4 74.6 114.6

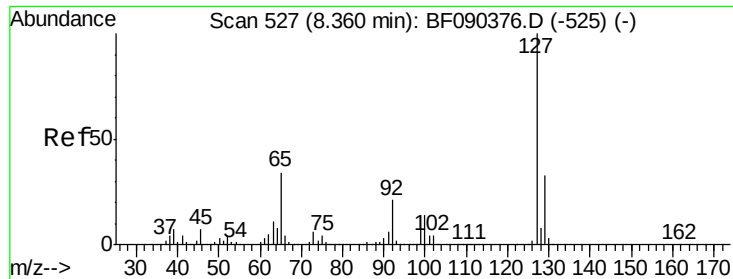


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





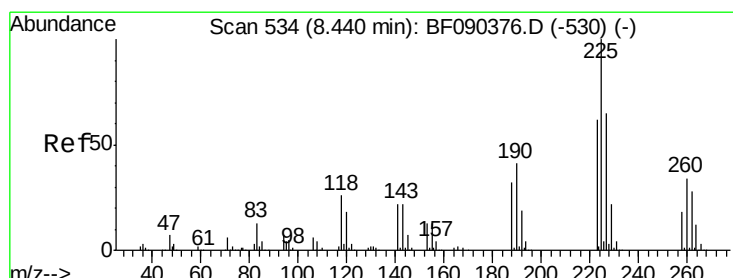
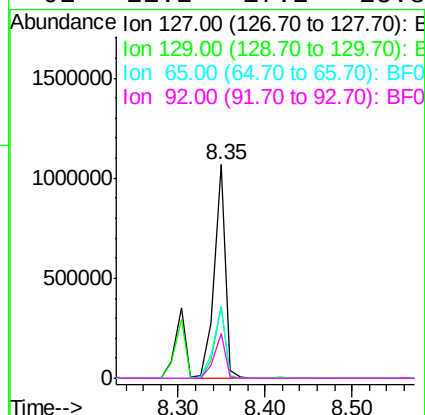
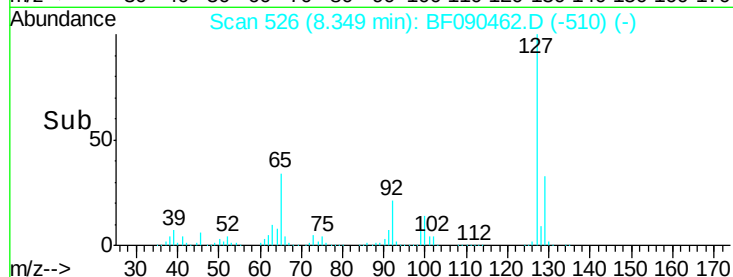
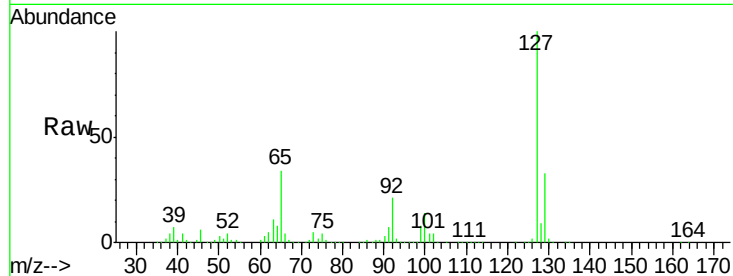
#33
4-Chloroaniline
Concen: 39.06 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	964969		
129	33.4	26.2	39.4	
65	33.6	32.5	48.7	
92	21.2	17.2	25.8	

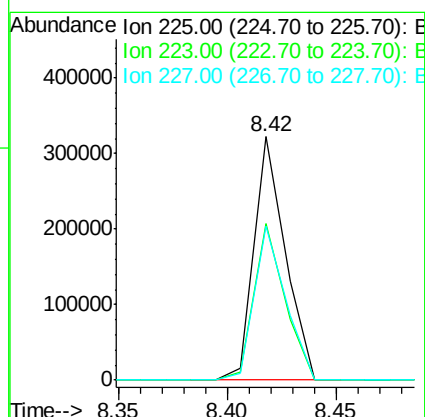
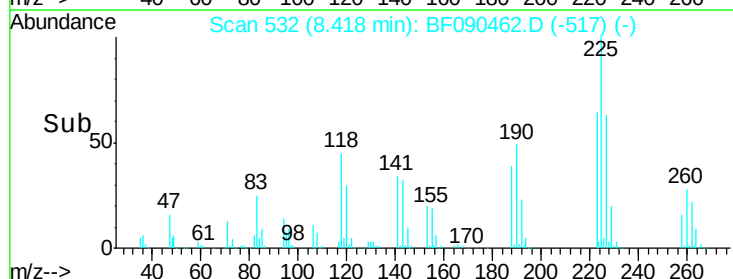
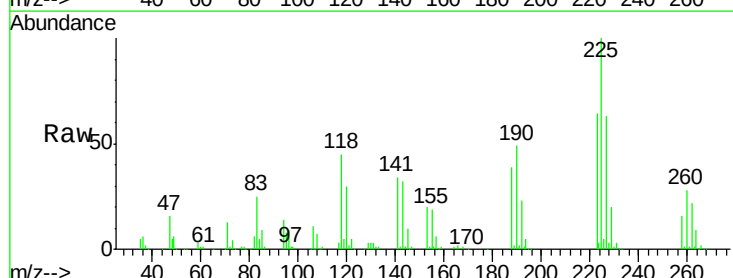
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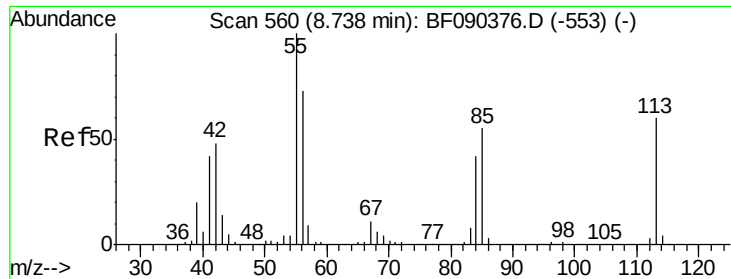
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#34
Hexachlorobutadiene
Concen: 34.75 ng
RT: 8.42 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	322050		
223	64.3	51.0	76.4	
227	63.3	50.8	76.2	





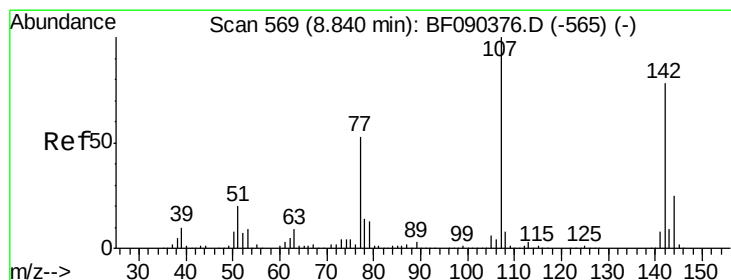
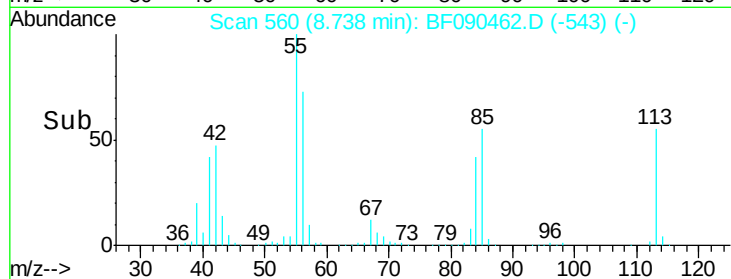
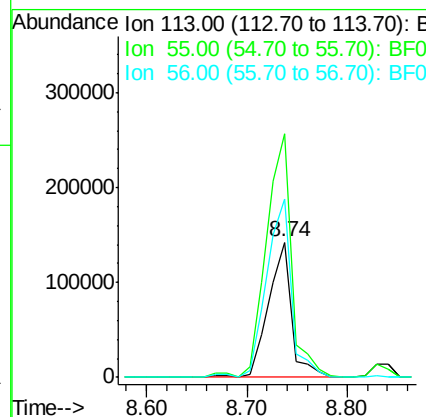
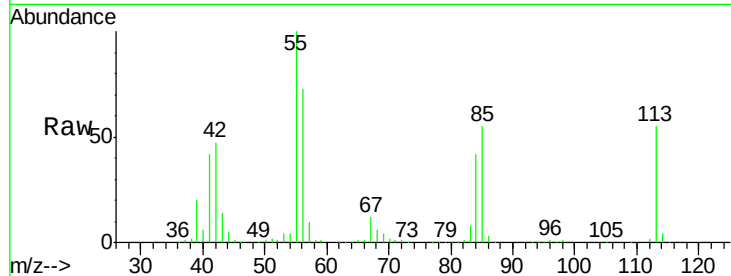
#35
 Caprolactam
 Concen: 42.06 ng
 RT: 8.74 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 227587
 Ion Ratio Lower Upper
 113 100
 55 180.5 203.3 243.3#
 56 132.5 140.5 180.5#

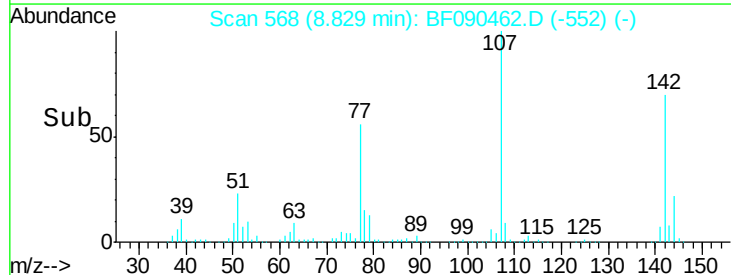
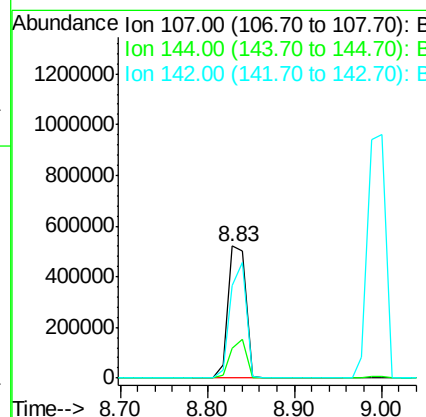
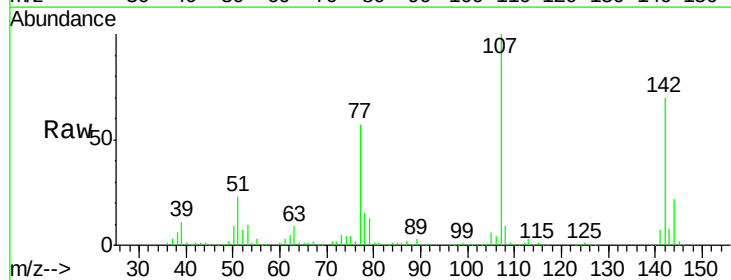
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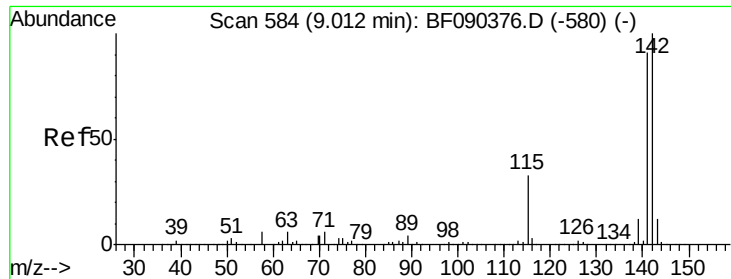
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#36
 4-Chloro-3-methylphenol
 Concen: 36.89 ng
 RT: 8.83 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Tgt Ion:107 Resp: 743448
 Ion Ratio Lower Upper
 107 100
 144 22.3 19.8 29.8
 142 70.1 60.7 91.1





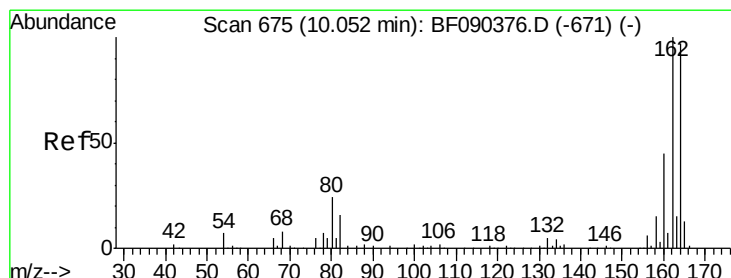
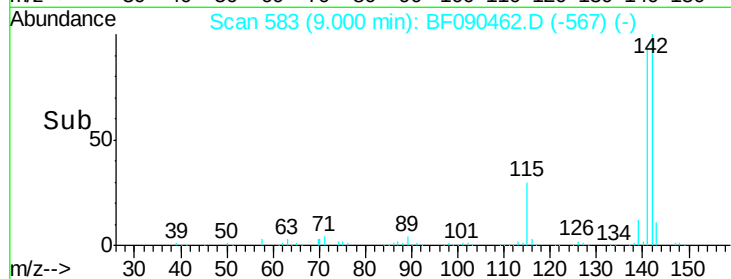
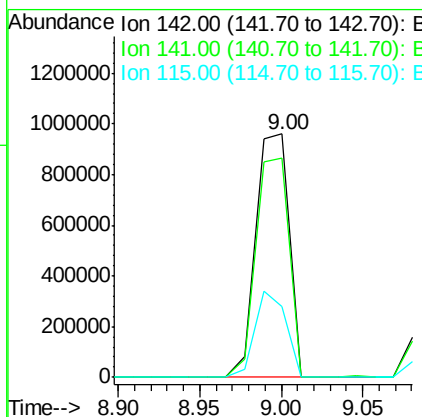
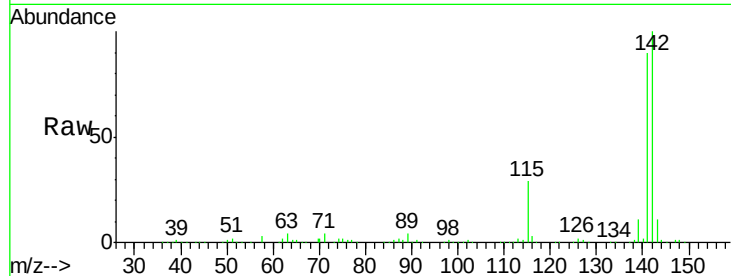
#37
2-Methylnaphthalene
Concen: 37.70 ng
RT: 9.00 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.8	107.8
115	28.9	28.8	43.2

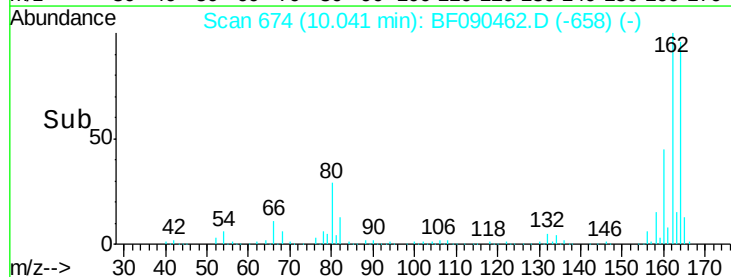
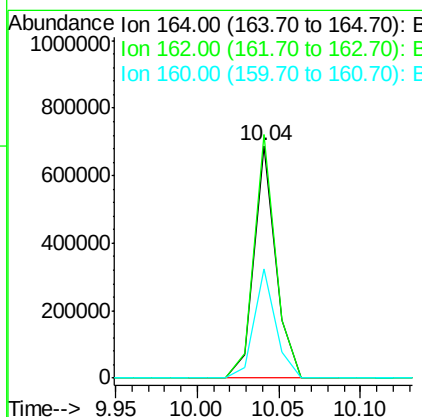
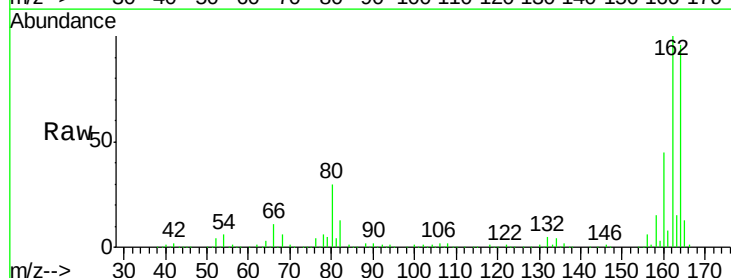
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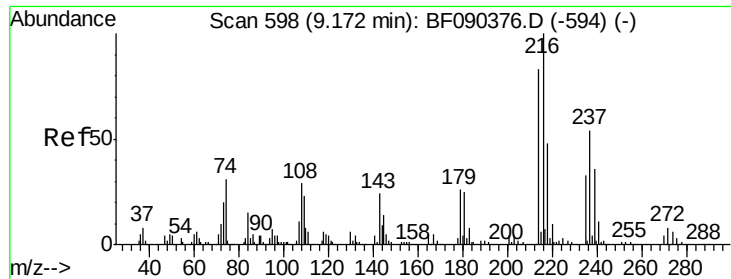
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.1	120.1
160	47.2	36.3	54.5





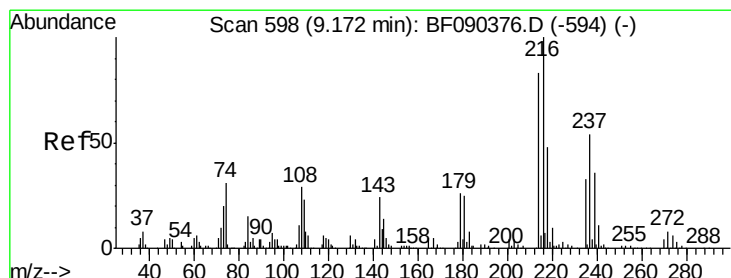
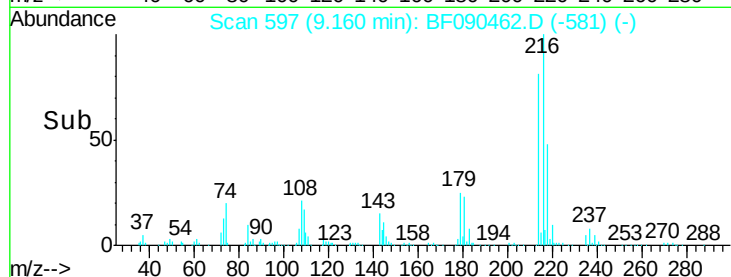
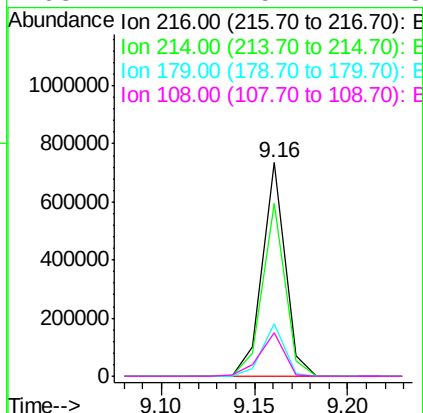
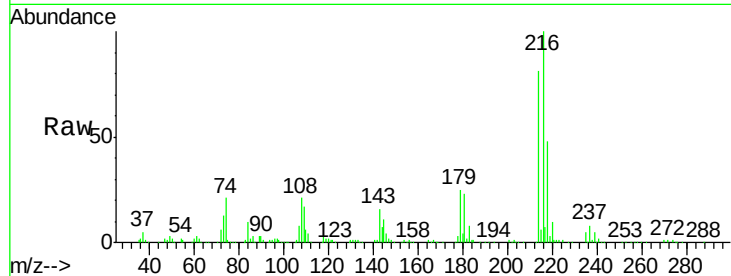
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.06 ng
 RT: 9.16 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	624136
Ion Ratio		Lower	Upper
216	100		
214	80.2	64.2	96.2
179	23.9	18.0	27.0
108	22.2	15.2	22.8

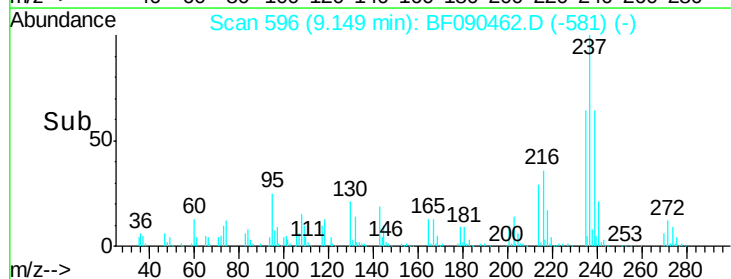
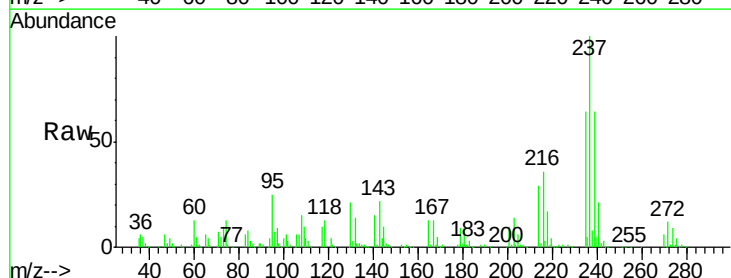
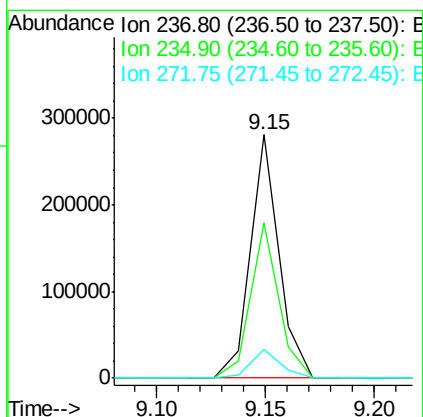
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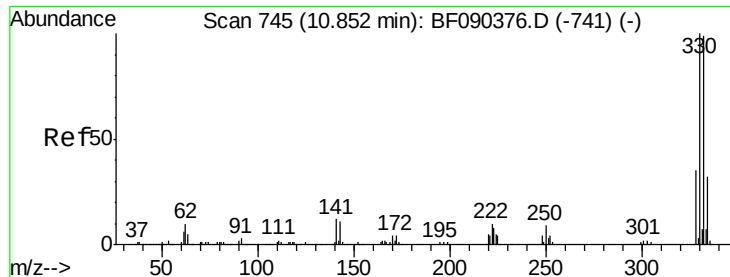
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#40
 Hexachlorocyclopentadiene
 Concen: 27.59 ng
 RT: 9.15 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Tgt Ion:	237	Resp:	254708
Ion Ratio		Lower	Upper
237	100		
235	63.8	43.6	83.6
272	12.0	0.0	32.7





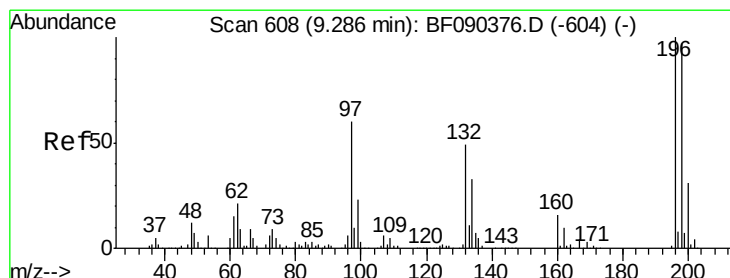
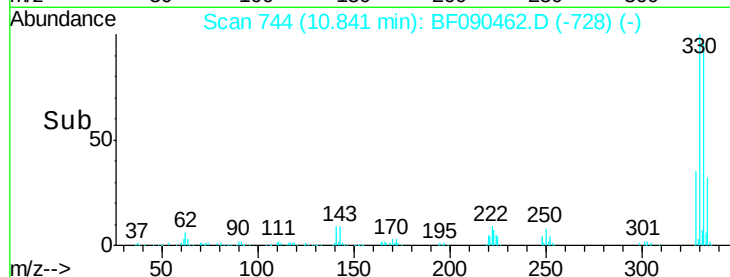
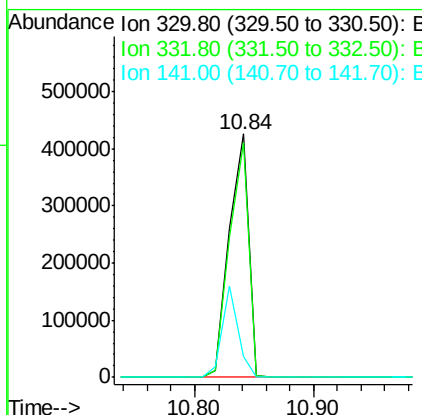
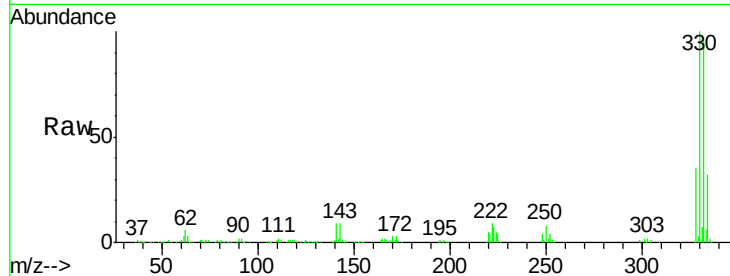
#41
 2,4,6-Tribromophenol
 Concen: 92.81 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	482068		
332	95.5	75.4	113.0	
141	30.9	26.9	40.3	

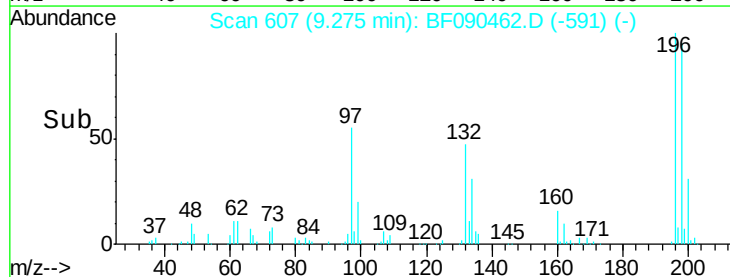
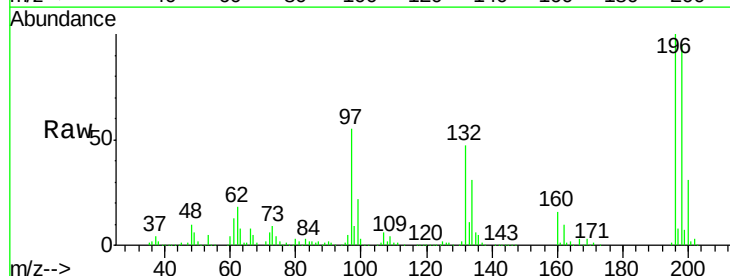
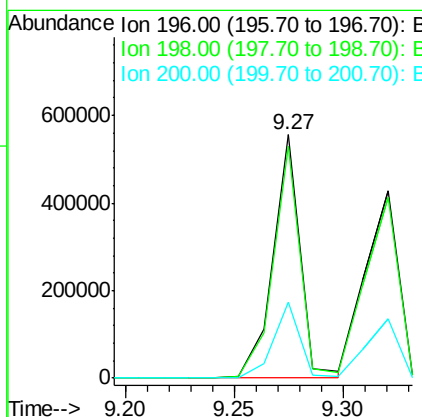
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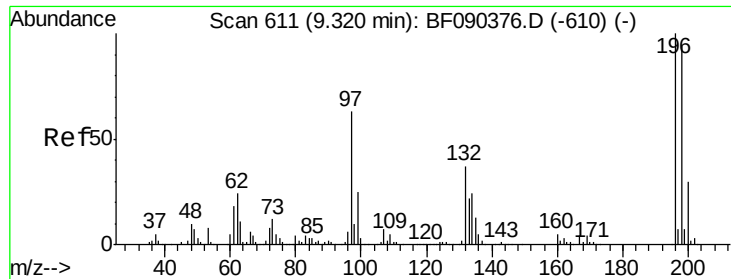
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#42
 2,4,6-Trichlorophenol
 Concen: 41.84 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

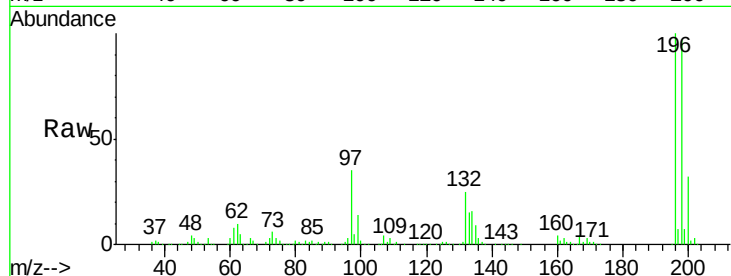
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	486182		
198	95.2	78.9	118.3	
200	31.3	25.4	38.2	





#43
 2,4,5-Trichlorophenol
 Concen: 41.22 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

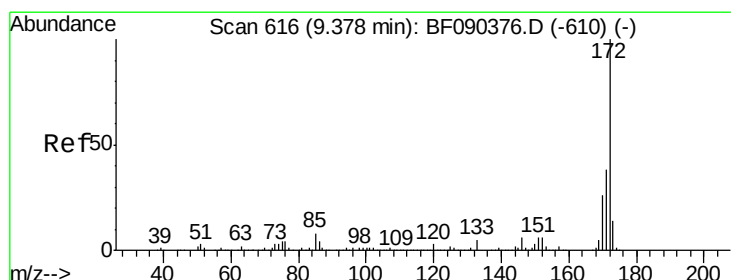
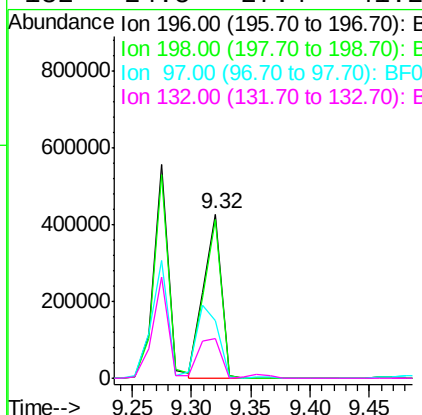
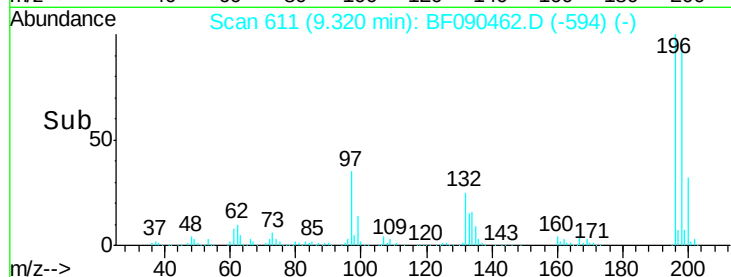
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	452932		
198	96.9	78.1	117.1	
97	35.2	48.1	72.1	#
132	24.5	27.4	41.2	#

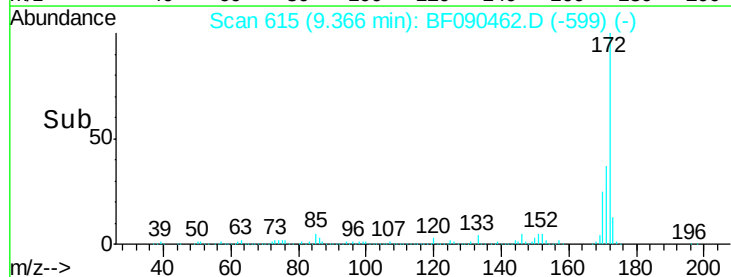
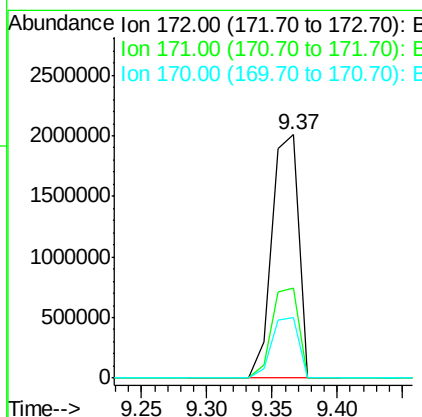
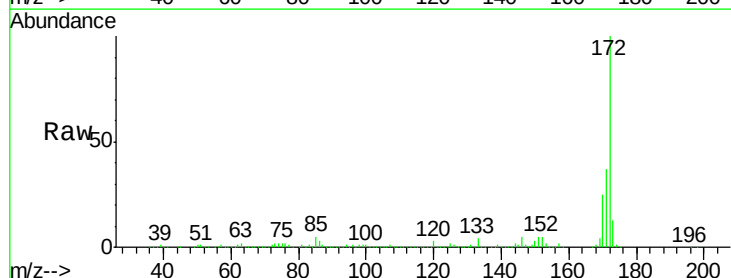
Manual Integrations
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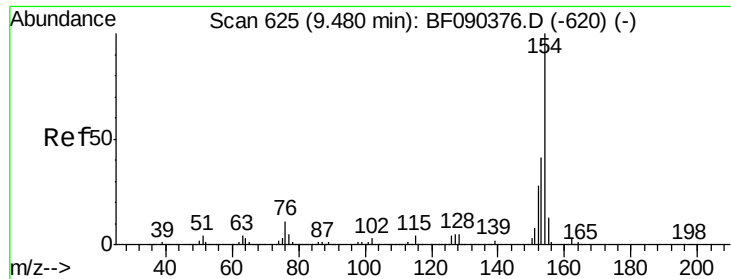
sohil
 10/10/2016 6:53:21 PM



#44
 2-Fluorobiphenyl
 Concen: 75.39 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2890349		
171	37.1	31.8	47.8	
170	24.9	21.7	32.5	





#45

1,1'-Biphenyl

Concen: 35.65 ng

RT: 9.46 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1687485

Ion Ratio Lower Upper

154 100

153 42.1 23.8 63.8

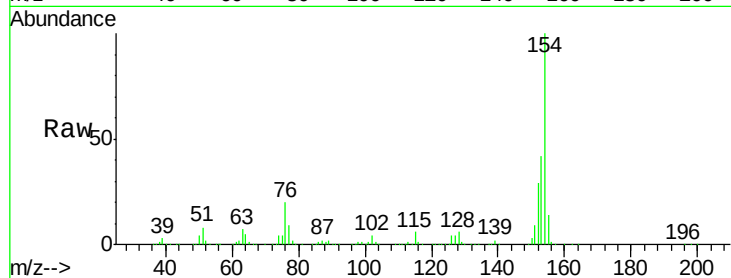
76 20.3 0.0 35.8

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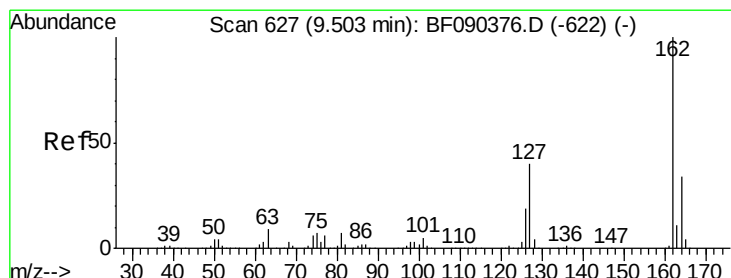
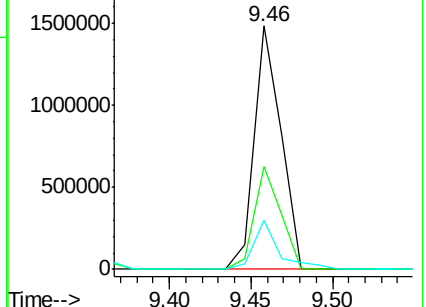
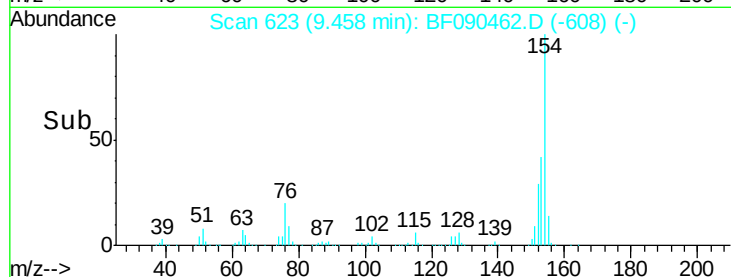
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.19 ng

RT: 9.49 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

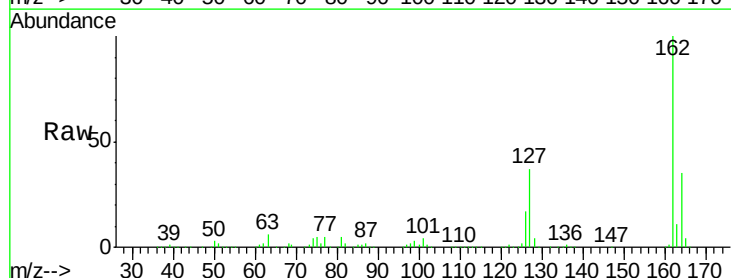
Tgt Ion:162 Resp: 1405593

Ion Ratio Lower Upper

162 100

127 36.5 35.6 53.4

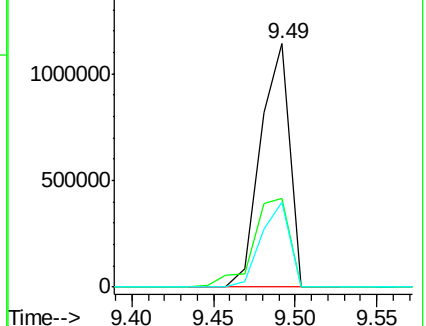
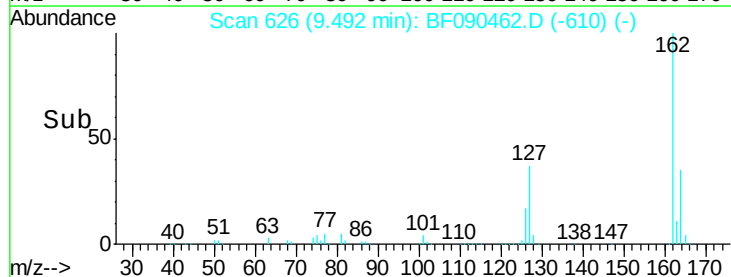
164 34.6 27.5 41.3

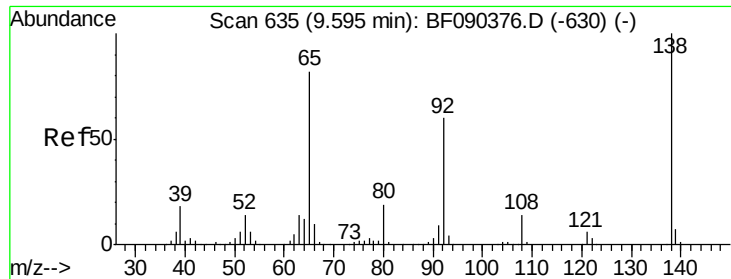


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





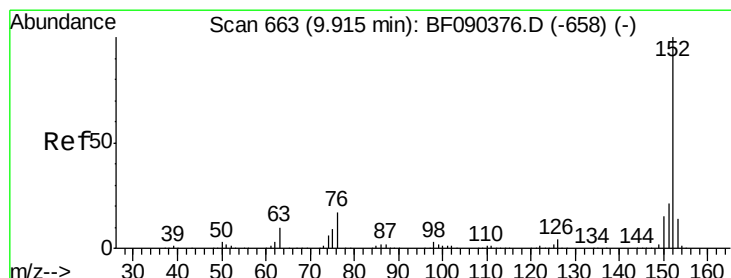
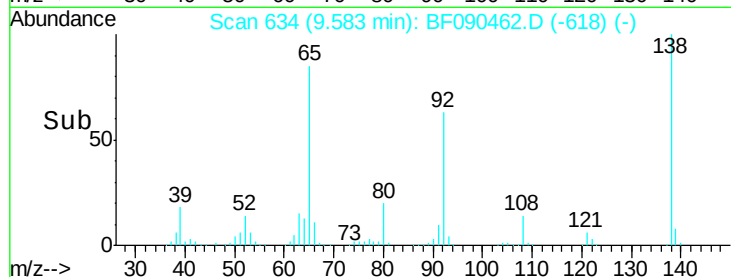
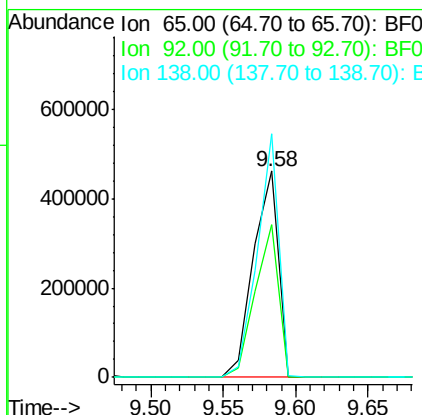
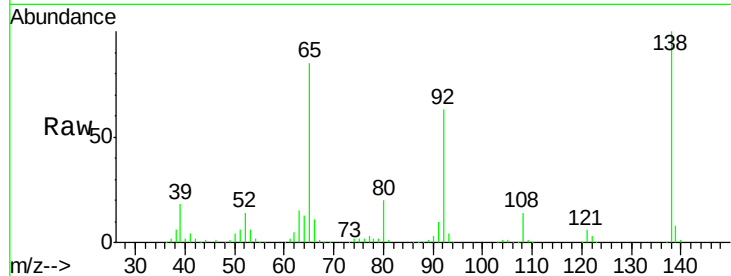
#47
 2-Nitroaniline
 Concen: 39.93 ng
 RT: 9.58 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	51.7	77.5
138	118.2	79.0	118.4

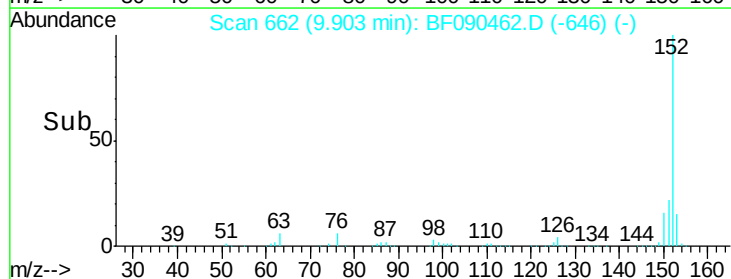
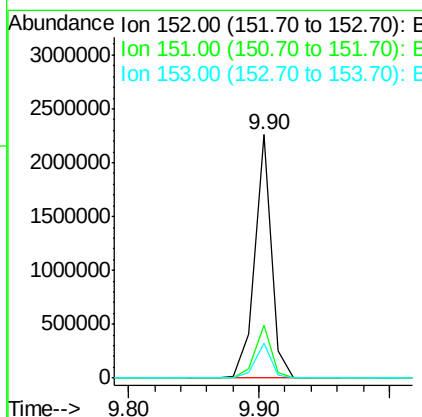
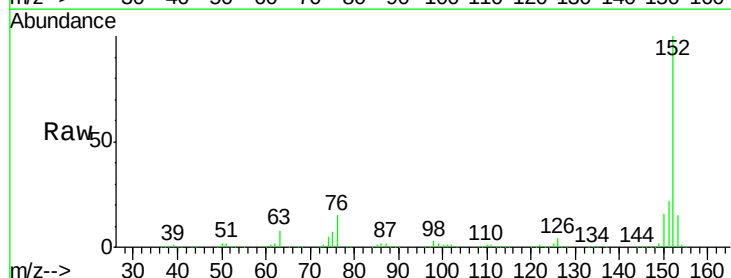
Manual Integrations
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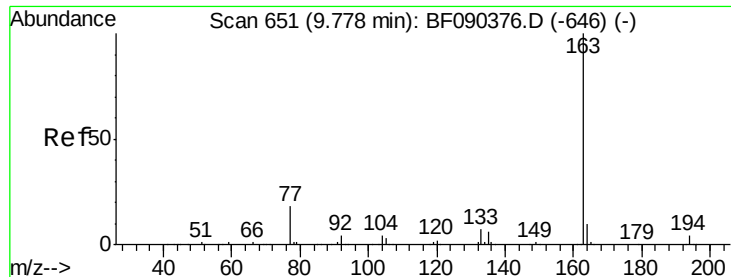
sohil
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#48
 Acenaphthylene
 Concen: 35.05 ng
 RT: 9.90 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.4	26.0
153	14.5	11.6	17.4





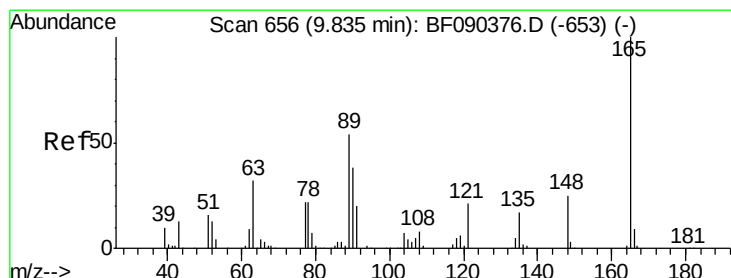
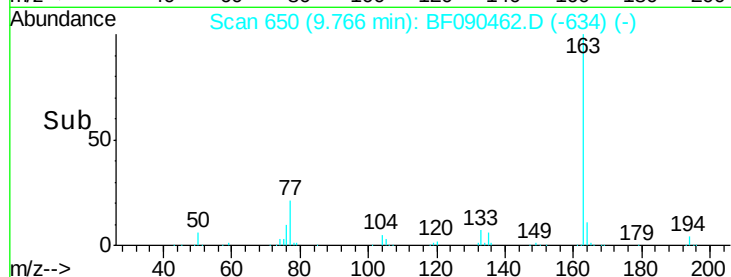
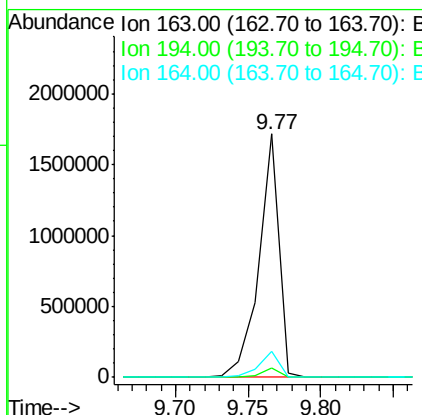
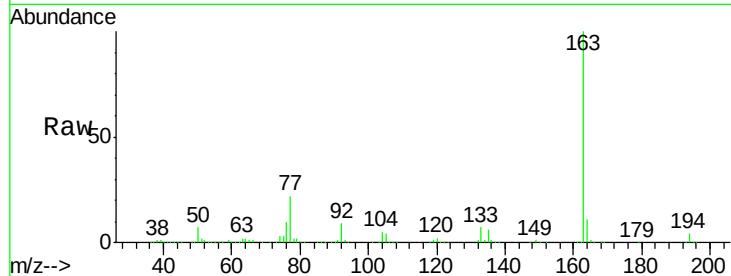
#49
Dimethylphthalate
Concen: 40.10 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1640451
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.7 9.0 13.4

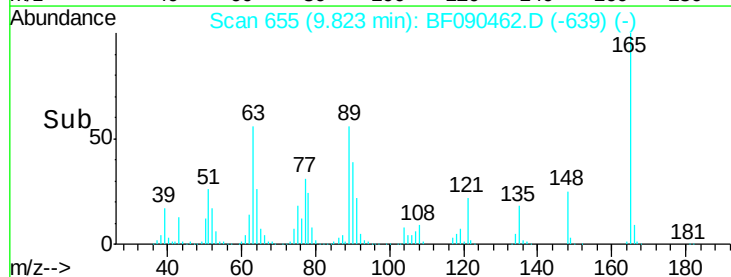
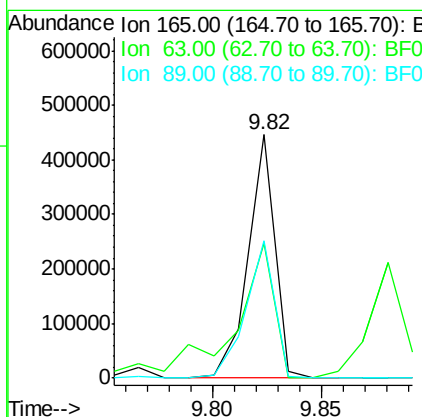
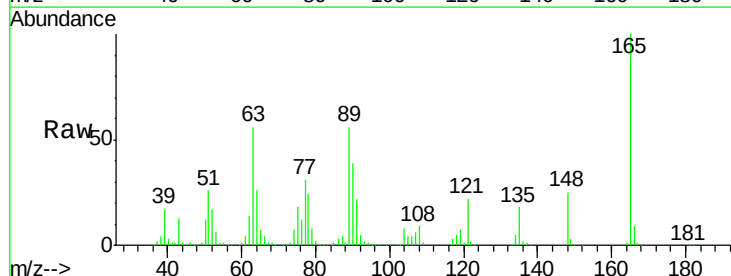
Manual Integrations
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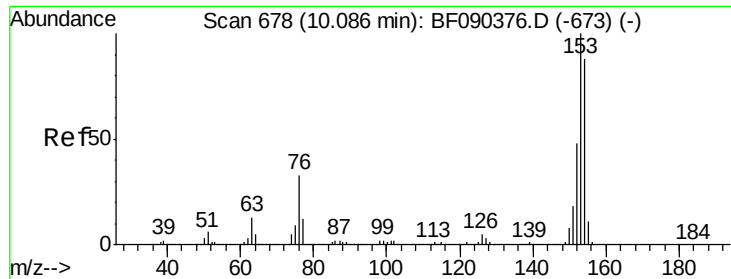
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#50
2,6-Dinitrotoluene
Concen: 41.64 ng
RT: 9.82 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion:165 Resp: 378218
Ion Ratio Lower Upper
165 100
63 55.6 58.0 87.0#
89 56.4 51.2 76.8





#51

Acenaphthene

Concen: 34.33 ng

RT: 10.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1235252

Ion Ratio Lower Upper

154 100

153 112.3 88.6 133.0

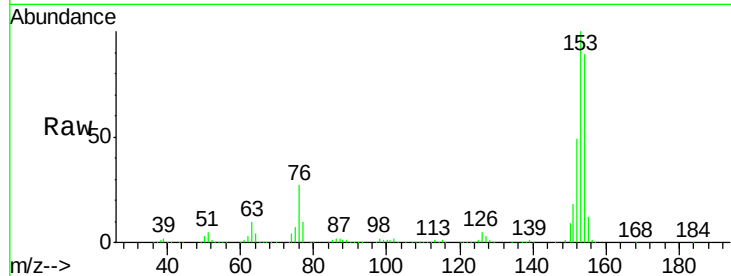
152 54.8 42.6 64.0

Manual Integrations

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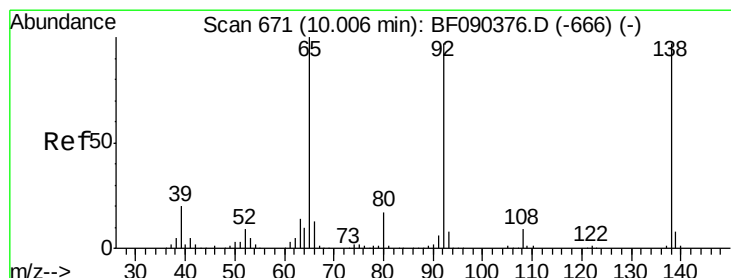
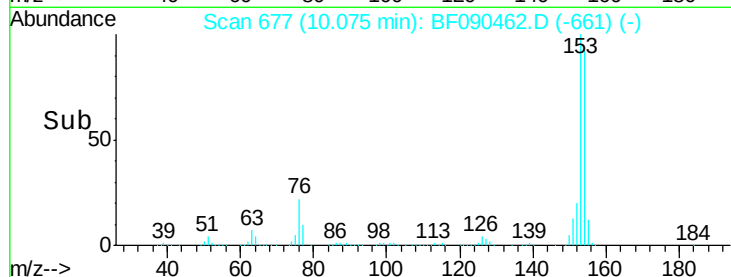
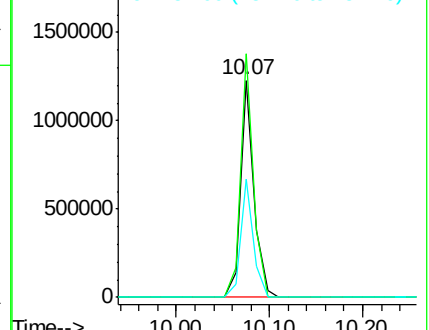
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.19 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

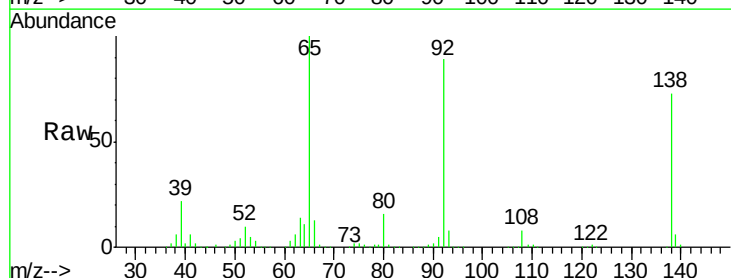
Tgt Ion:138 Resp: 447675

Ion Ratio Lower Upper

138 100

108 10.6 9.7 14.5

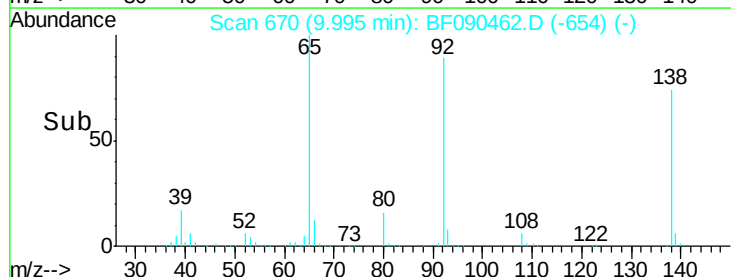
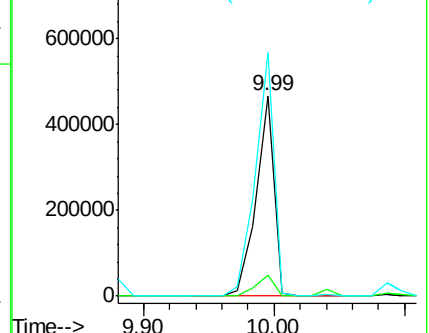
92 121.6 97.1 145.7

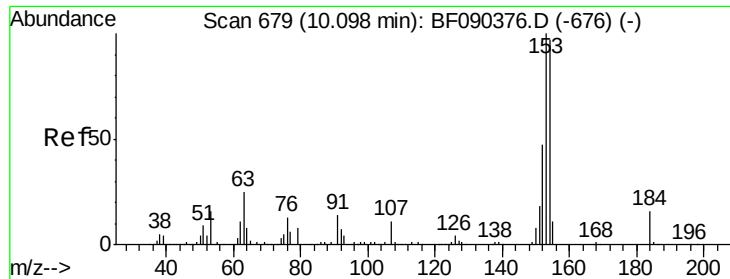


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





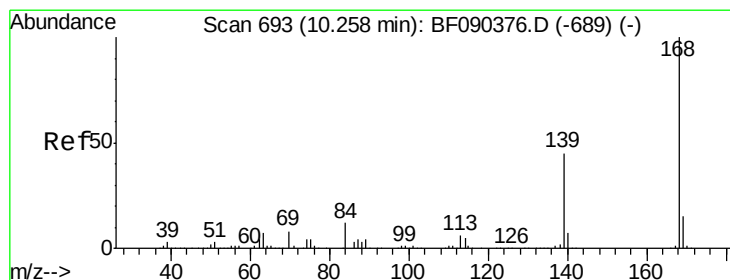
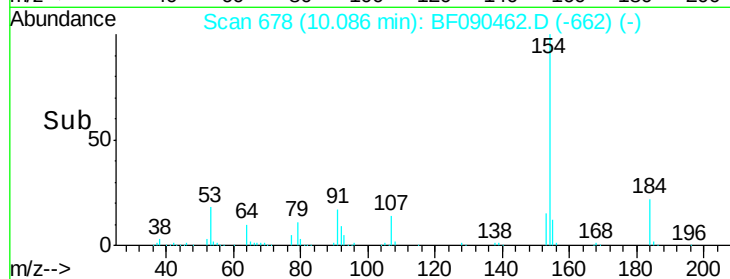
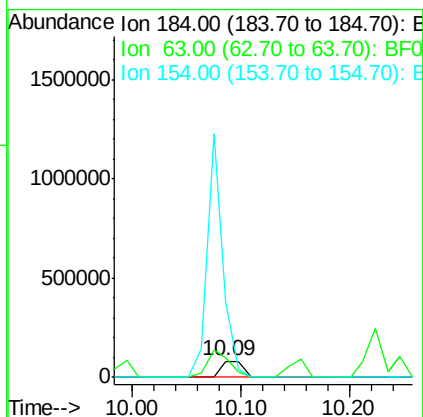
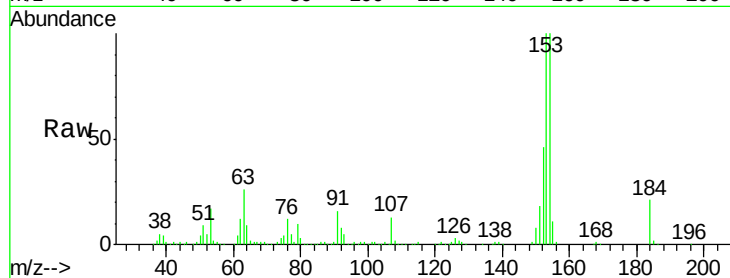
#53
2,4-Dinitrophenol
Concen: 27.94 ng
RT: 10.09 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	124.1	41.9	62.9#	
154	479.2	48.9	73.3#	

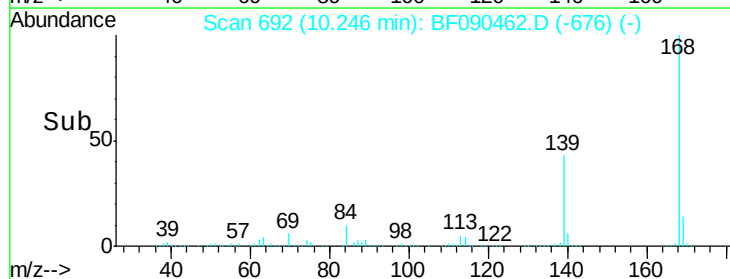
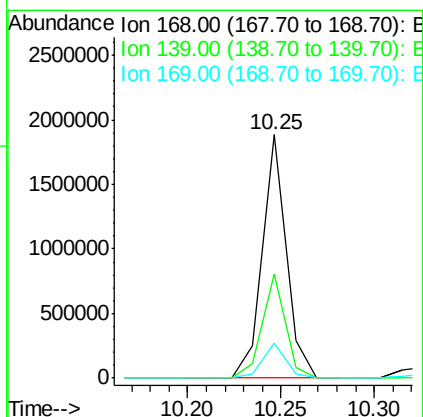
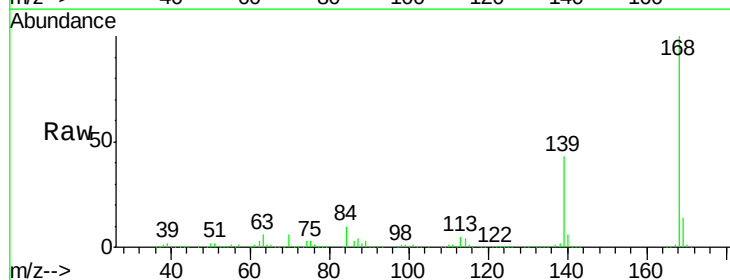
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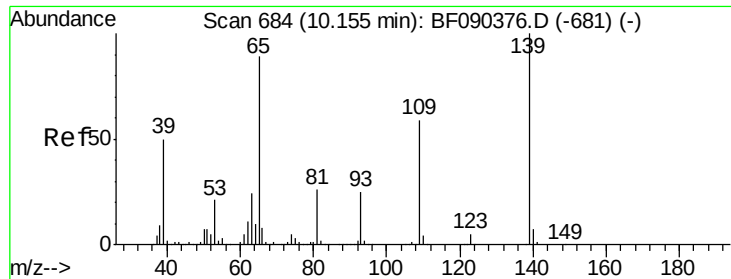
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#54
Dibenzofuran
Concen: 35.78 ng
RT: 10.25 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.8	29.6	44.4	
169	14.5	11.3	16.9	





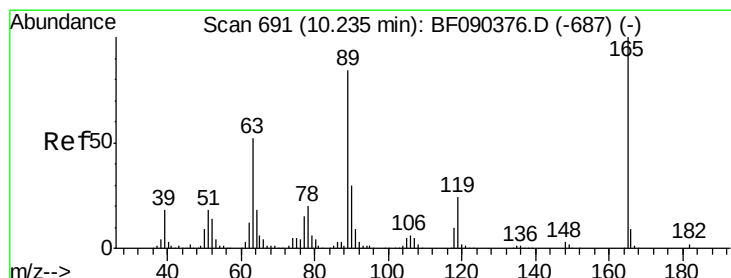
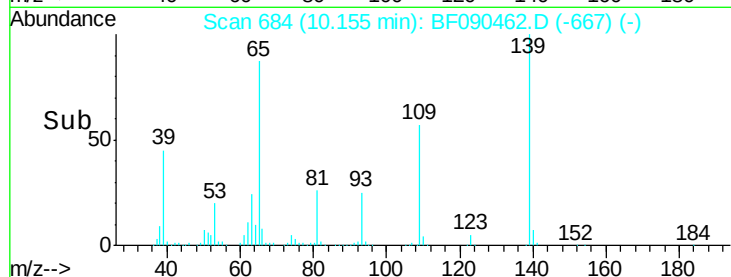
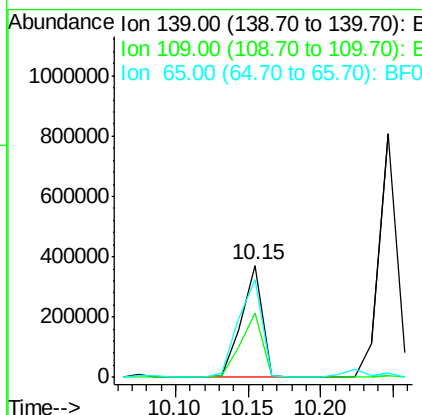
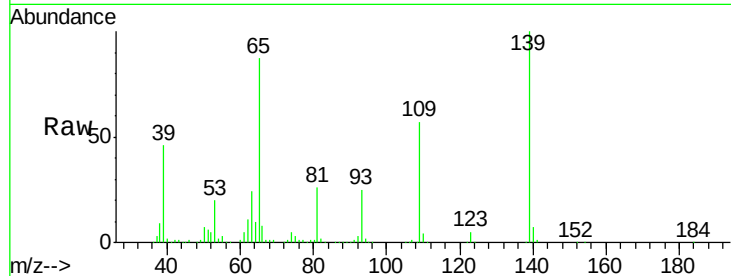
#55
4-Nitrophenol
Concen: 39.99 ng
RT: 10.15 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
139	100		
109	57.1	43.6	83.6
65	87.0	87.5	127.5#

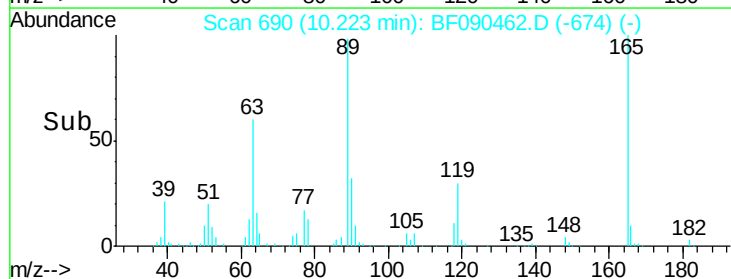
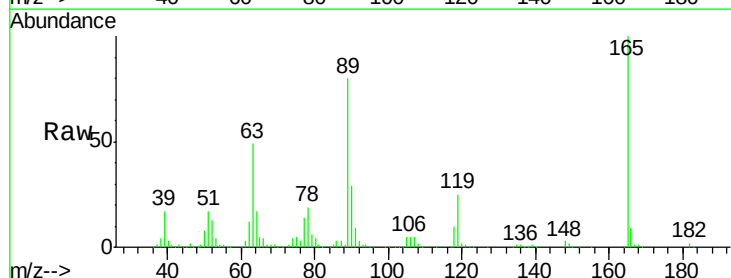
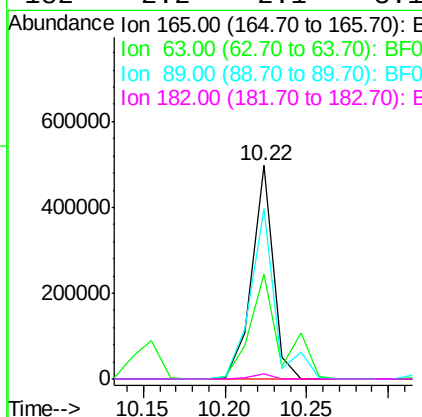
Manual Integrations
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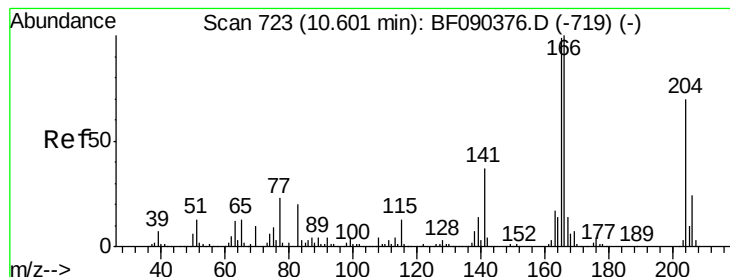
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#56
2,4-Dinitrotoluene
Concen: 37.36 ng
RT: 10.22 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.3	17.8	26.6#
89	79.8	33.2	49.8#
182	2.2	2.1	3.1





#57

Fluorene

Concen: 35.17 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 1376401

Ion Ratio Lower Upper

166 100

165 99.1 79.2 118.8

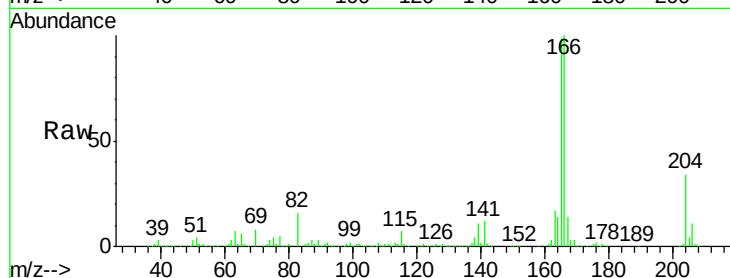
167 14.2 11.1 16.7

Manual Integrations

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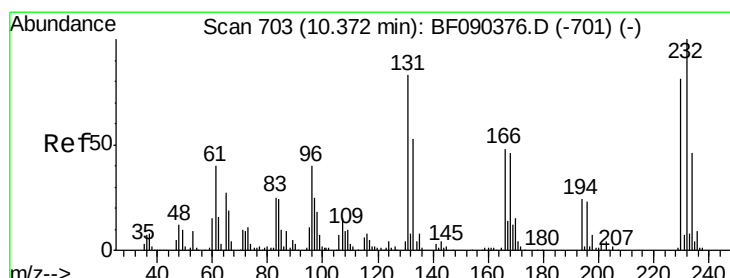
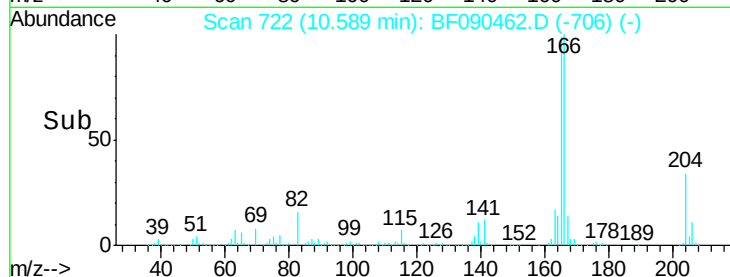
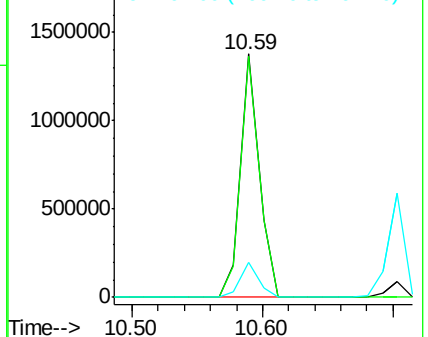
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.73 ng m

RT: 10.36 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Tgt Ion:232 Resp: 301429

Ion Ratio Lower Upper

232 100

131 51.9 34.5 51.7#

130 2.7 1.6 2.4#

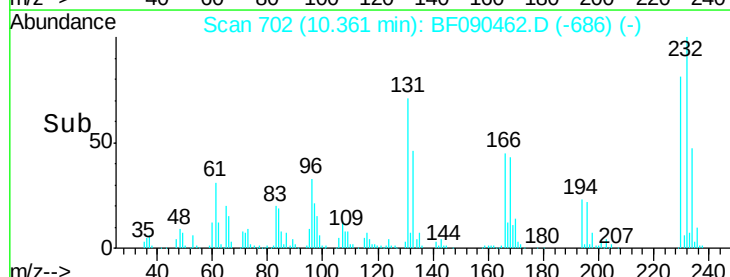
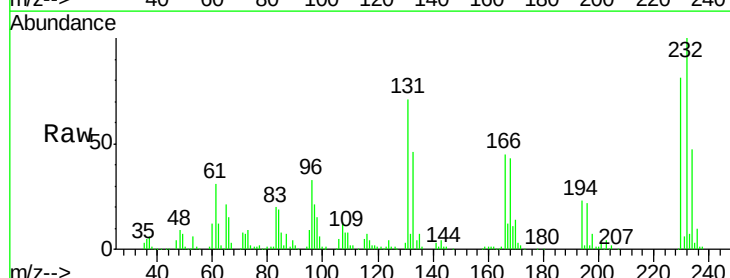
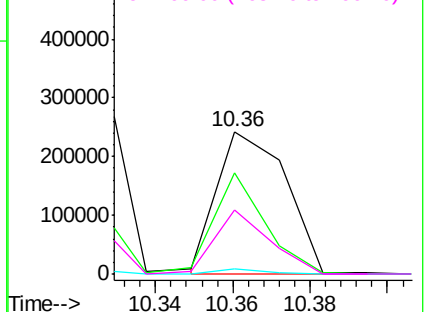
166 32.2 23.8 35.8

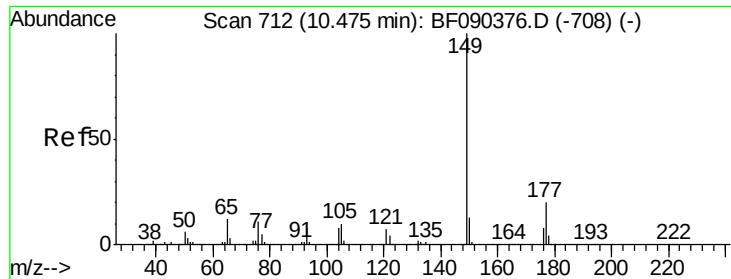
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





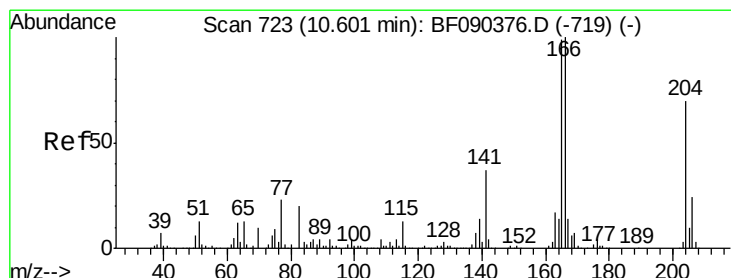
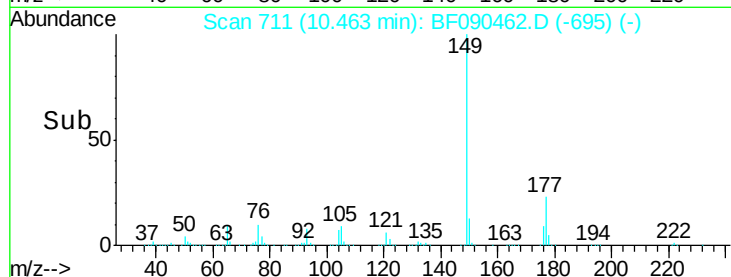
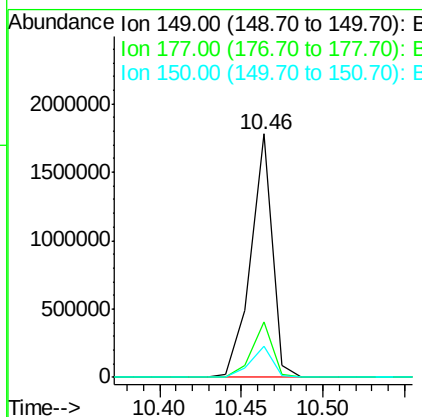
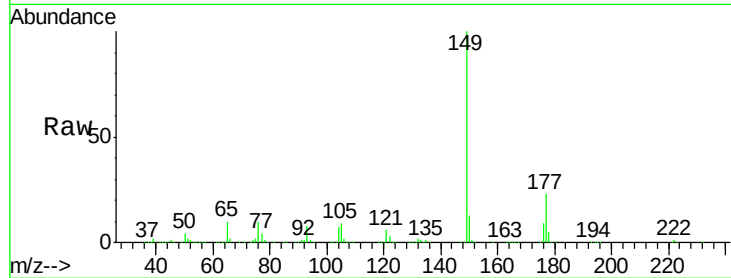
#59
Diethylphthalate
Concen: 38.60 ng
RT: 10.46 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1633831
Ion Ratio Lower Upper
149 100
177 22.6 21.1 31.7
150 13.0 10.2 15.2

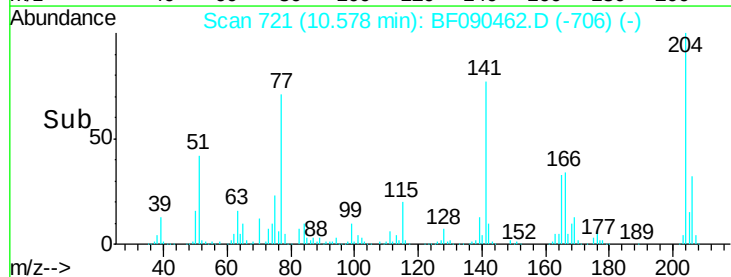
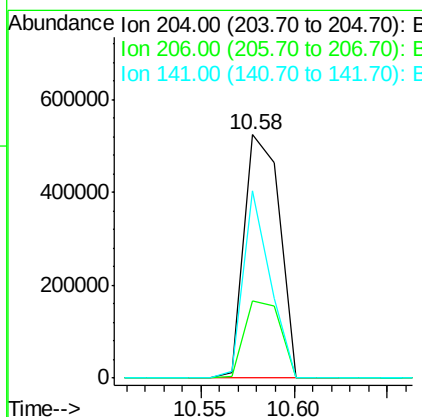
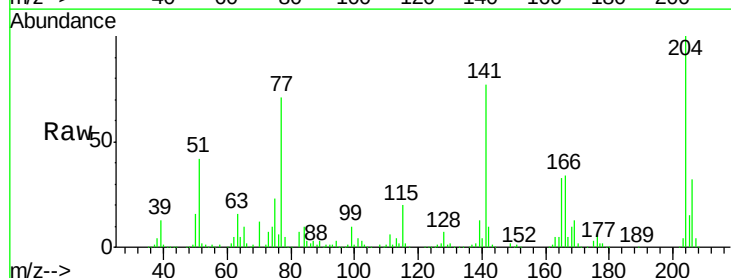
Manual Integrations
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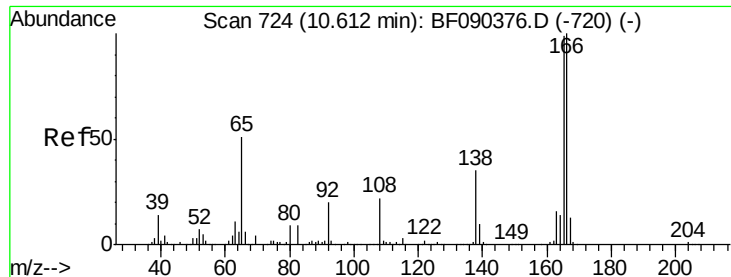
sohil
10/10/2016 6:53:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.54 ng
RT: 10.58 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion:204 Resp: 685832
Ion Ratio Lower Upper
204 100
206 31.7 26.7 40.1
141 77.2 51.7 77.5





#61

4-Nitroaniline

Concen: 41.68 ng

RT: 10.61 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

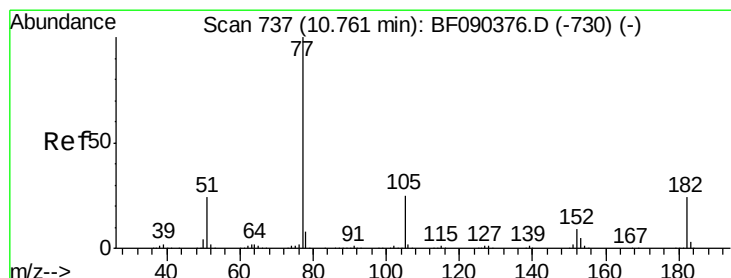
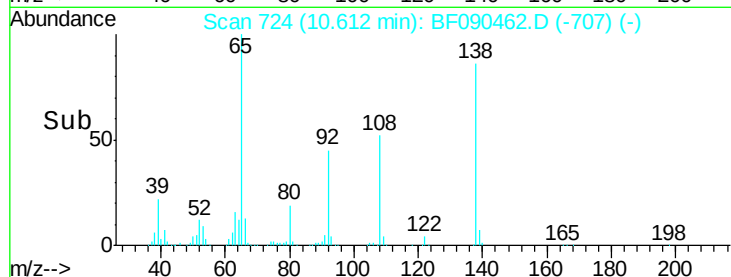
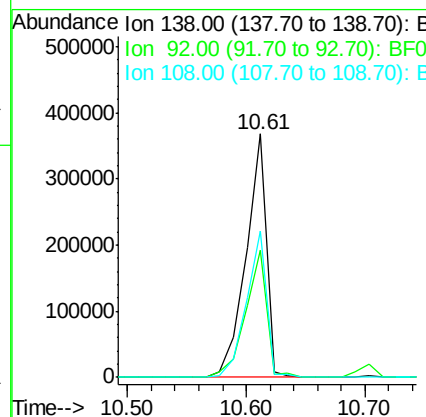
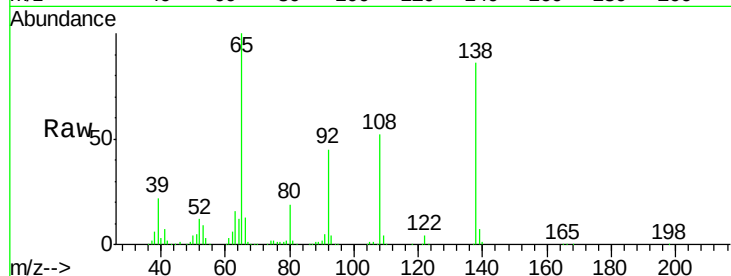
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	445549		
92	52.4	33.2	73.2	
108	60.4	48.5	88.5	

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#62

Azobenzene

Concen: 35.13 ng

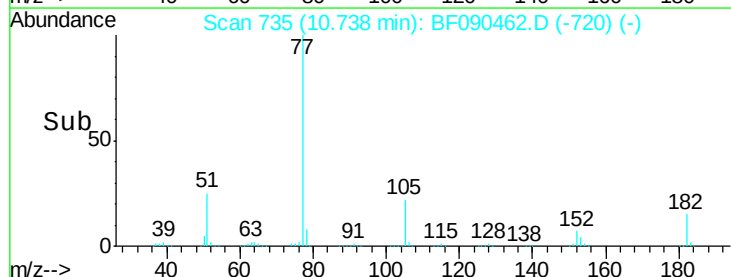
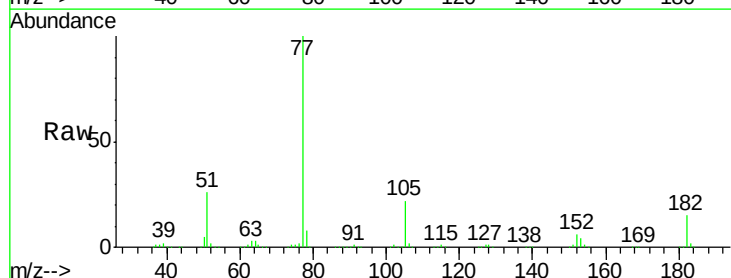
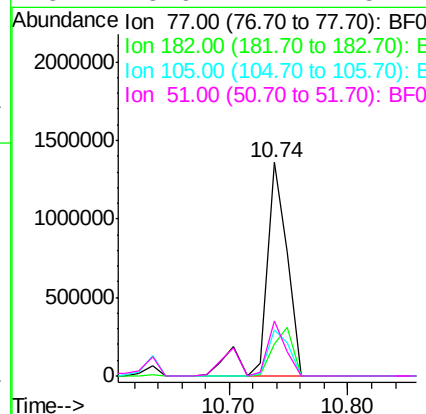
RT: 10.74 min Scan# 735

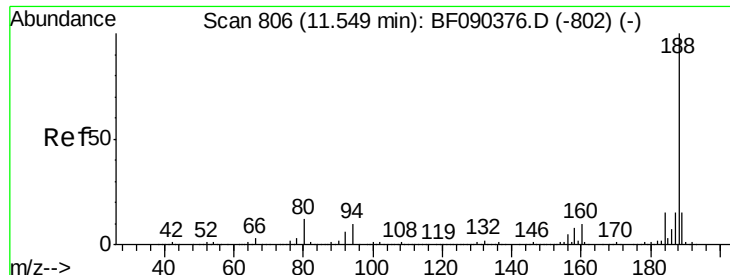
Delta R.T. -0.02 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1717655		
182	15.2	3.2	43.2	
105	21.7	2.9	42.9	
51	25.9	14.2	54.2	





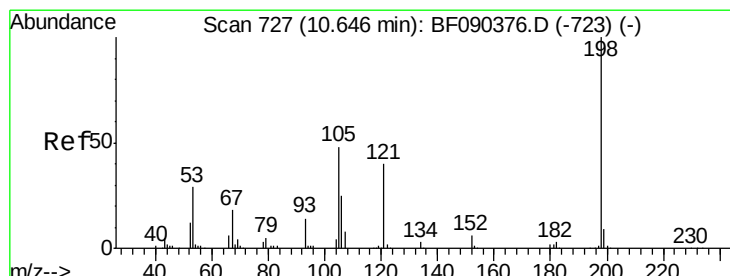
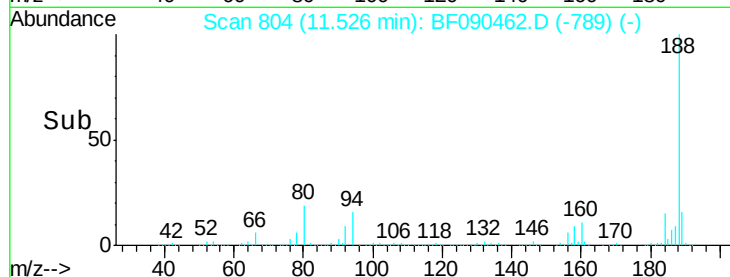
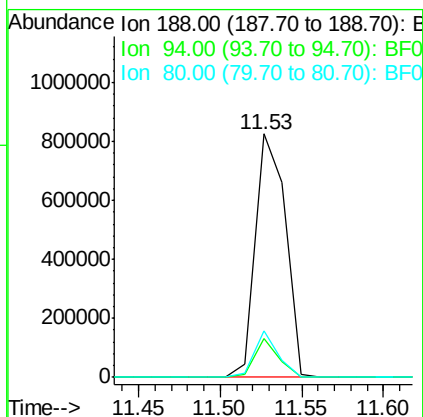
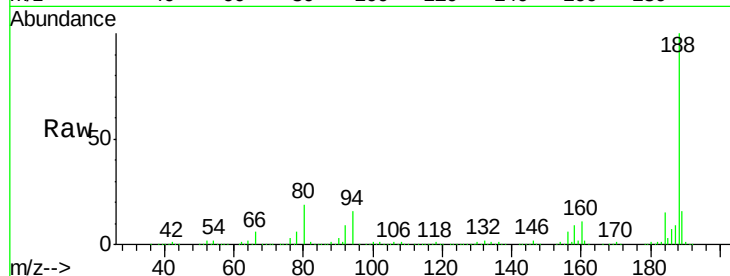
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion:188 Resp: 1057435
Ion Ratio Lower Upper
188 100
94 16.2 8.2 12.2#
80 19.0 8.8 13.2#

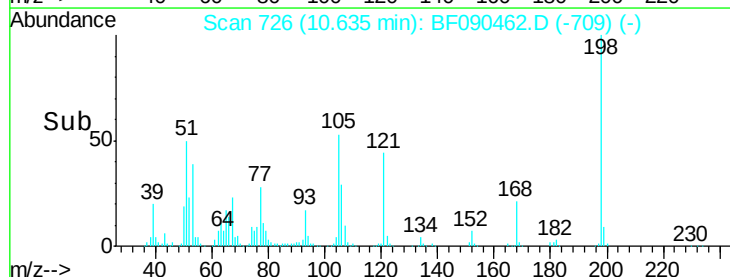
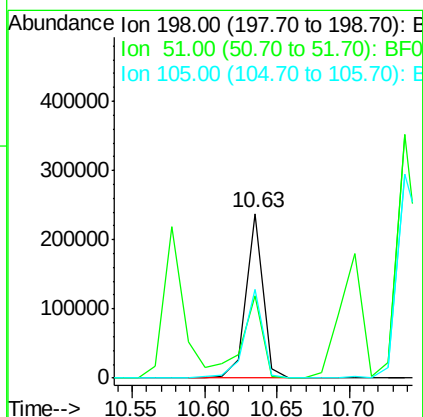
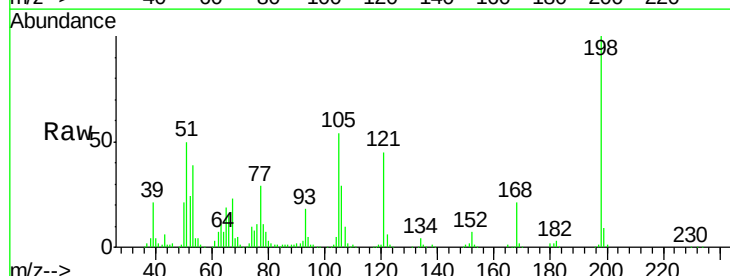
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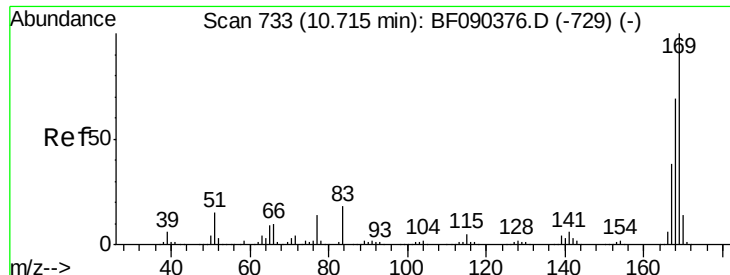
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.46 ng
RT: 10.63 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion:198 Resp: 193407
Ion Ratio Lower Upper
198 100
51 50.4 67.3 107.3#
105 54.2 42.6 82.6





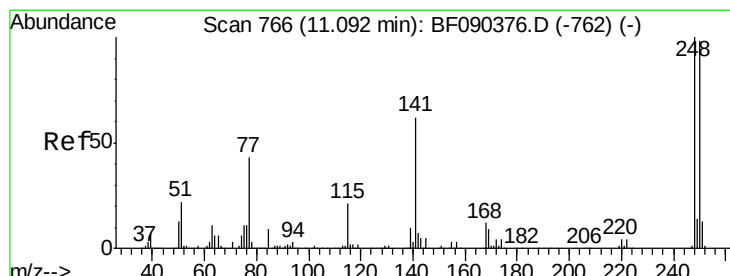
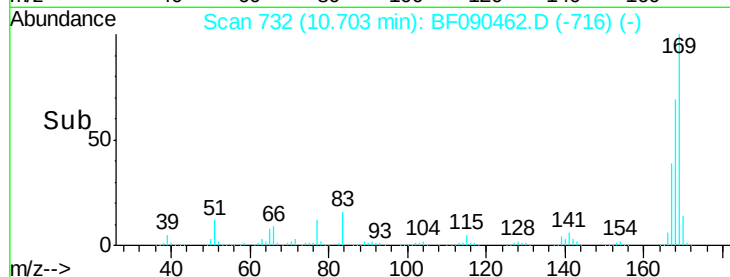
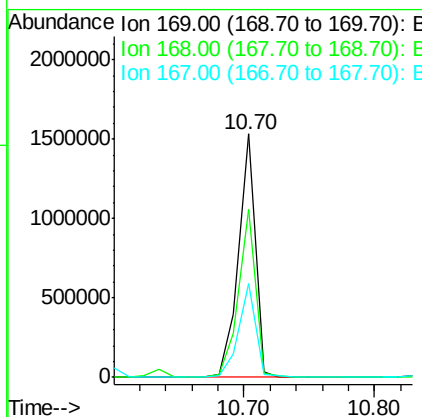
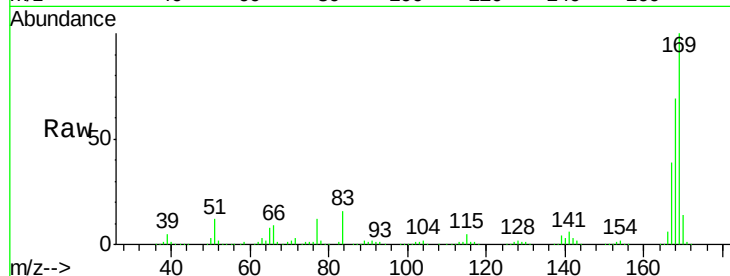
#65
 n-Nitrosodiphenylamine
 Concen: 38.58 ng
 RT: 10.70 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.8	53.8	80.6
167	38.5	29.8	44.8

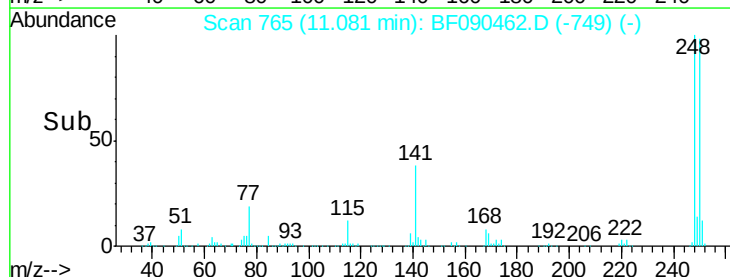
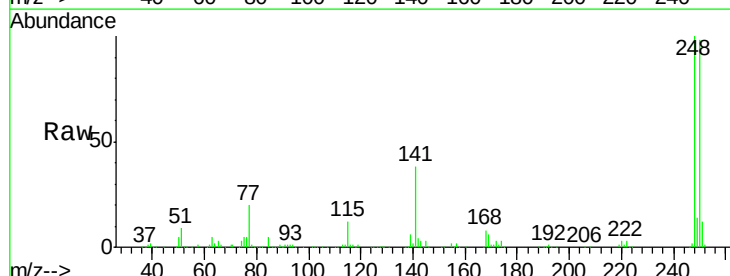
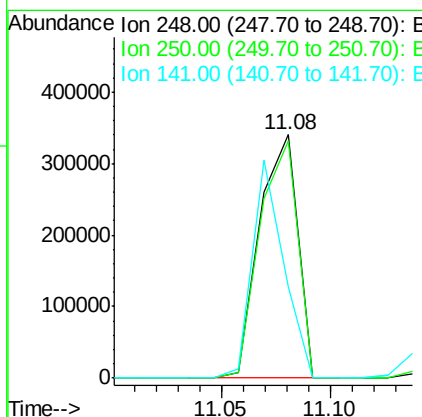
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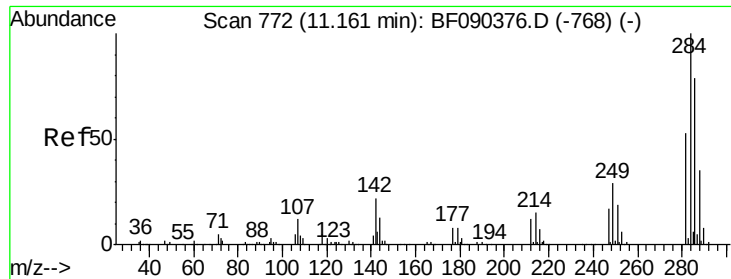
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#66
 4-Bromophenyl-phenylether
 Concen: 40.39 ng
 RT: 11.08 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.5	114.7
141	37.7	59.8	89.6





#67

Hexachlorobenzene

Concen: 41.39 ng

RT: 11.15 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

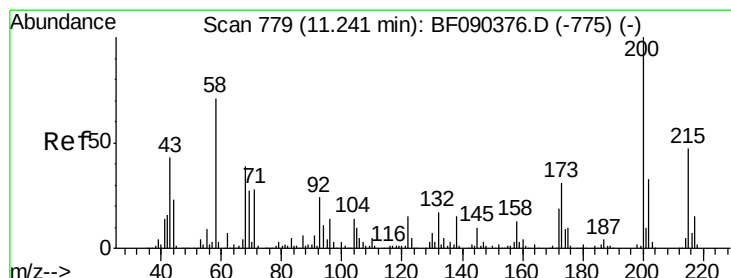
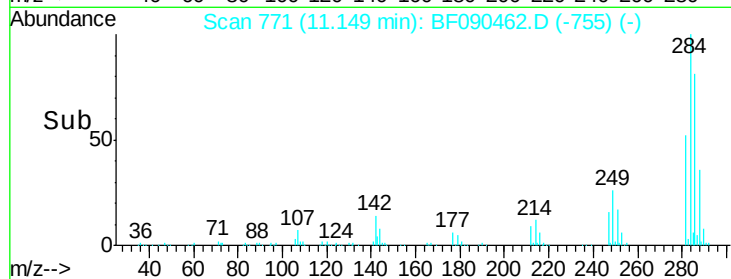
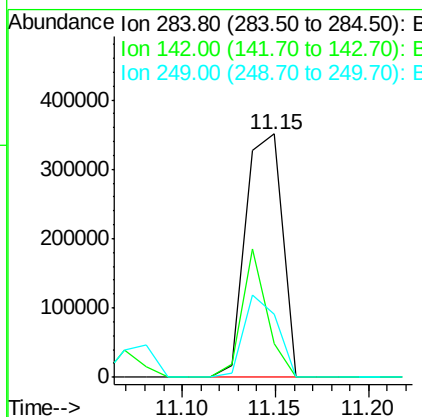
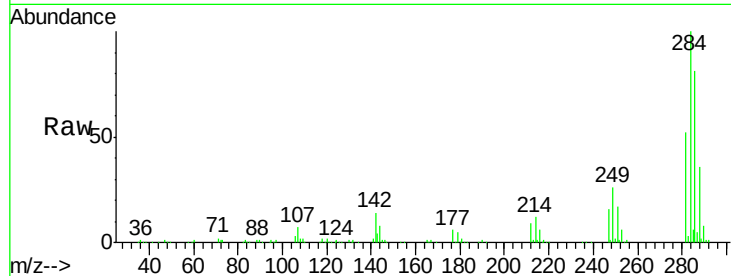
ClientSampleId :

SSTDCCC040

Tgt Ion:	284	Resp:	477813
Ion Ratio	Lower	Upper	
284	100		
142	13.6	23.1	34.7#
249	26.0	26.3	39.5#

Manual Integrations
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#68

Atrazine

Concen: 40.42 ng

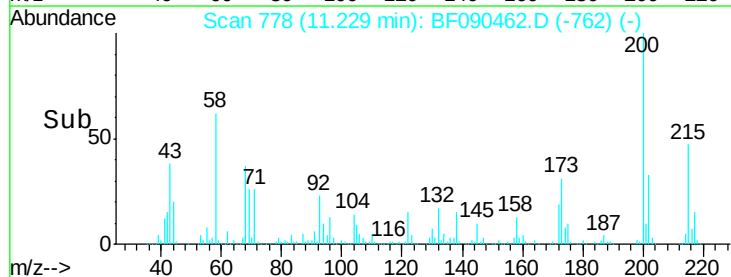
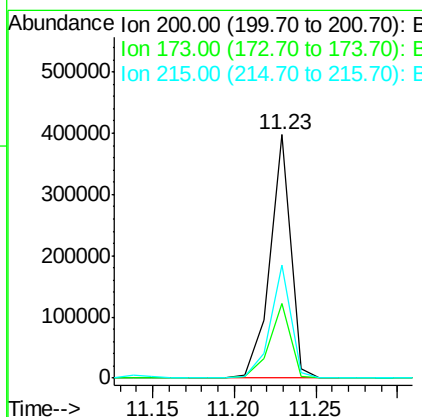
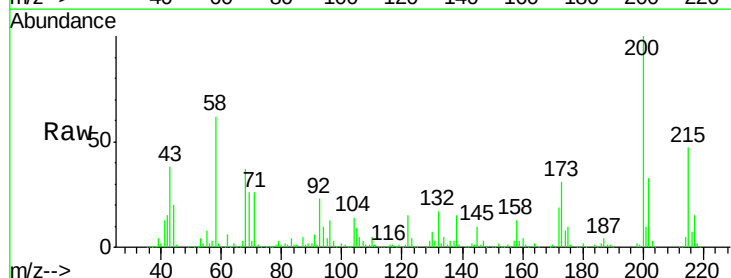
RT: 11.23 min Scan# 778

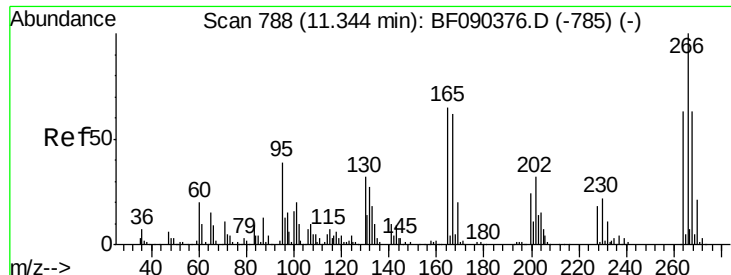
Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Tgt Ion:	200	Resp:	353208
Ion Ratio	Lower	Upper	
200	100		
173	30.8	9.0	49.0
215	46.7	24.8	64.8





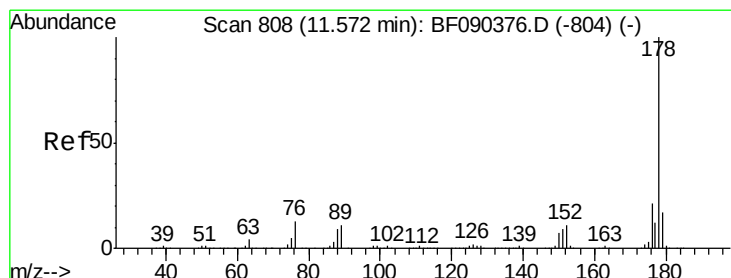
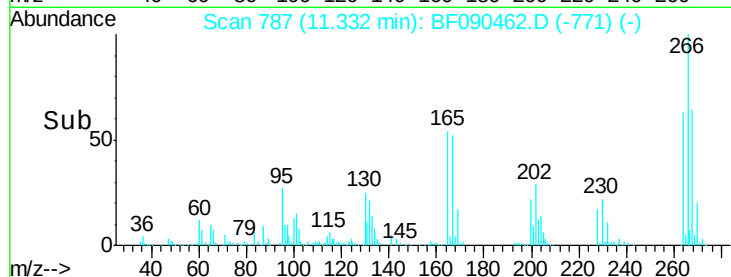
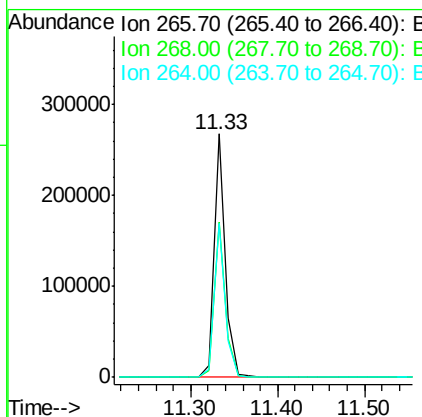
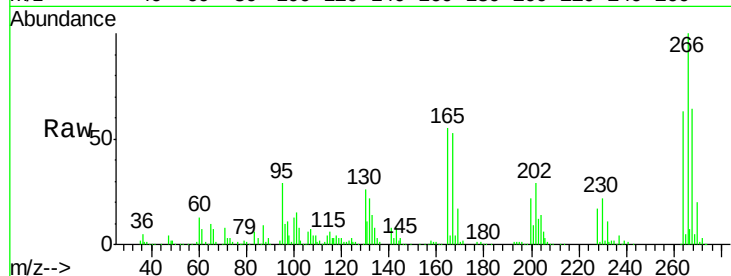
#69
 Pentachlorophenol
 Concen: 35.31 ng
 RT: 11.33 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	242639		
268	63.9	50.9	76.3	
264	63.3	51.5	77.3	

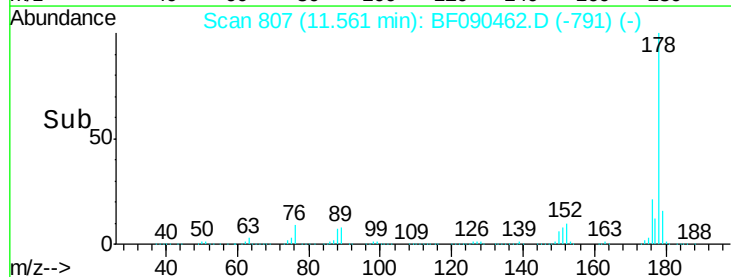
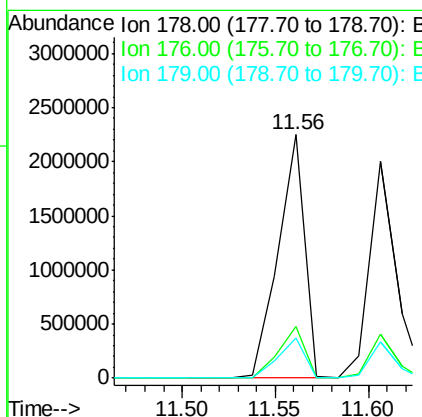
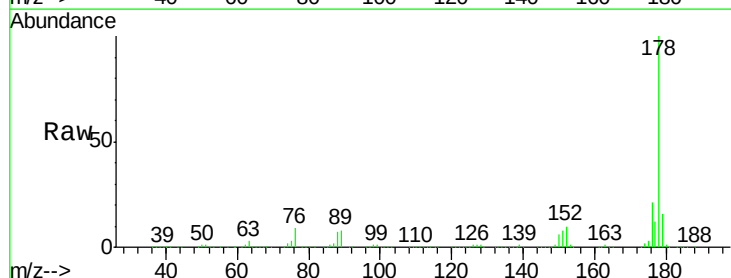
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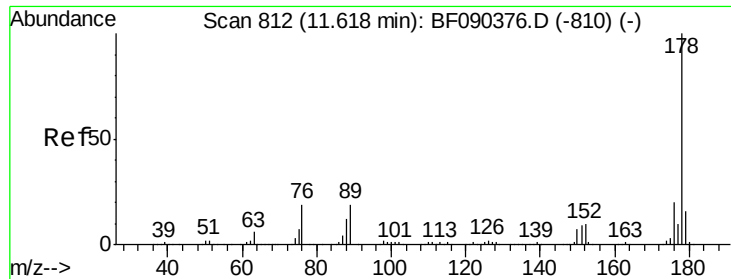
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#70
 Phenanthrene
 Concen: 41.05 ng
 RT: 11.56 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2222695		
176	21.2	17.3	25.9	
179	16.5	13.8	20.6	





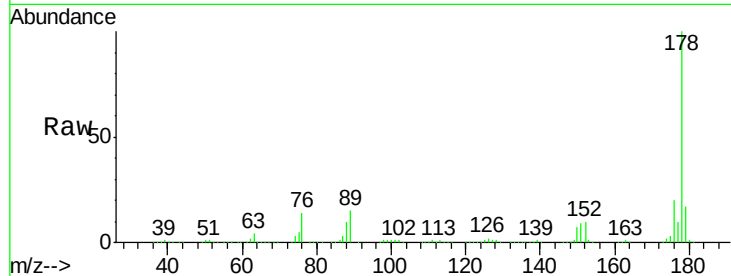
#71
 Anthracene
 Concen: 34.82 ng
 RT: 11.61 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

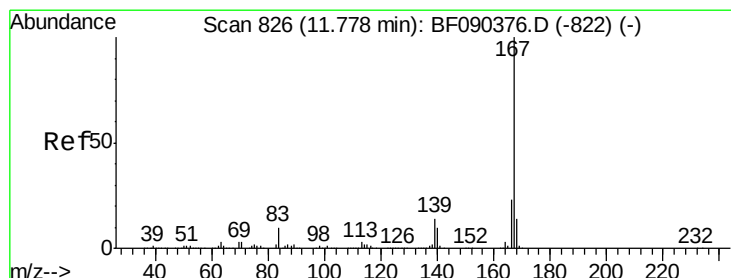
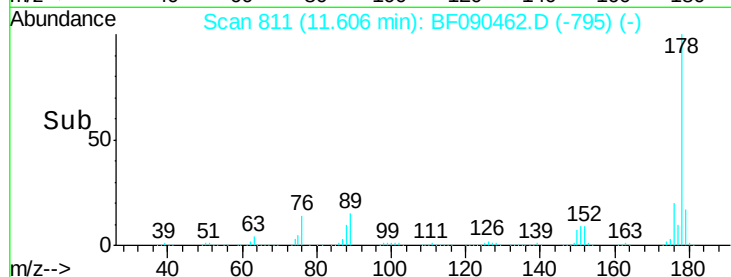
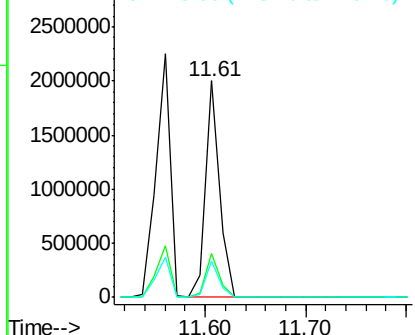
Tgt Ion:178 Resp: 1925440
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.8 25.2
 179 16.7 13.4 20.2

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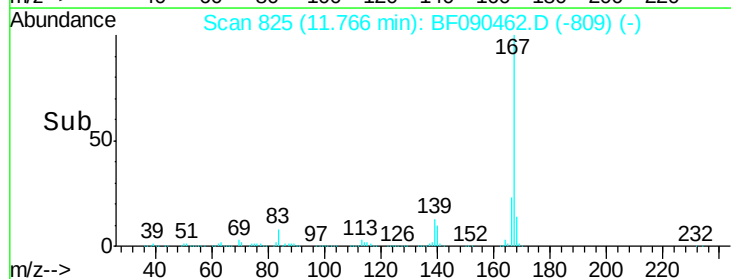
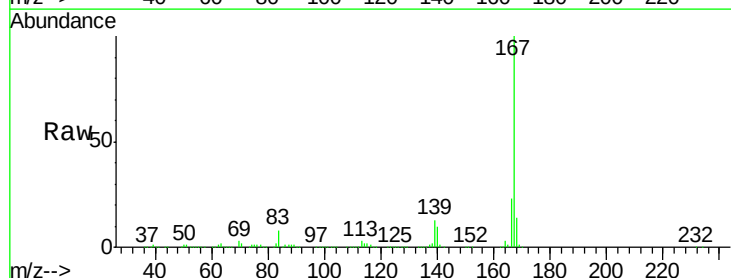
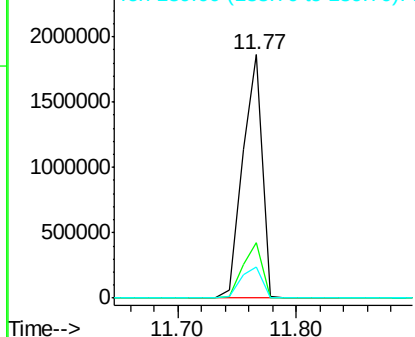
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

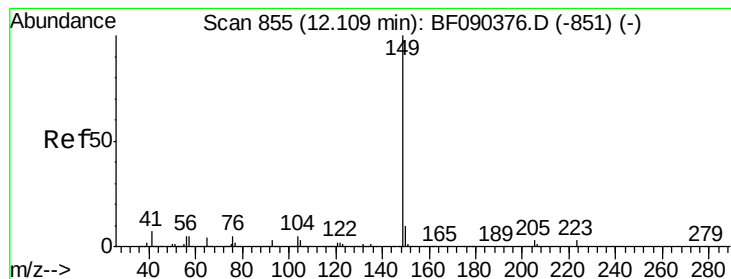


#72
 Carbazole
 Concen: 41.15 ng
 RT: 11.77 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Tgt Ion:167 Resp: 2114000
 Ion Ratio Lower Upper
 167 100
 166 22.9 19.1 28.7
 139 13.0 12.1 18.1

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





#73

Di-n-butylphthalate

Concen: 38.06 ng

RT: 12.10 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 2379779

Ion Ratio Lower Upper

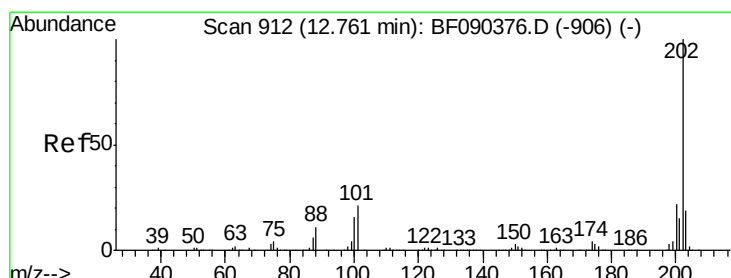
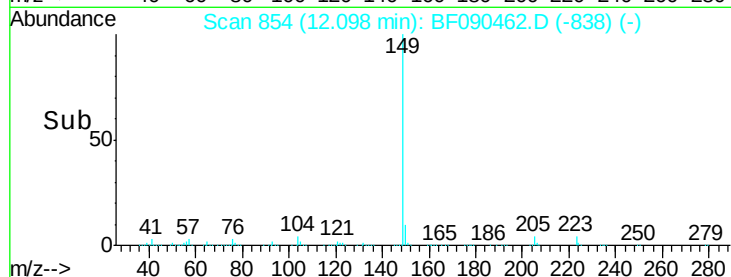
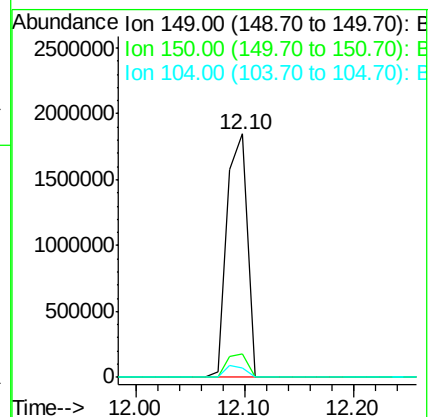
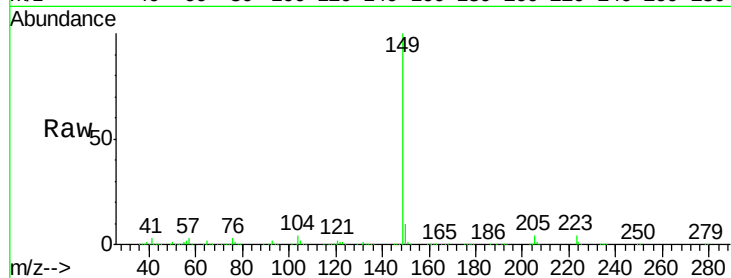
149 100

150 9.5 8.6 12.8

104 3.7 4.7 7.1#

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#74

Fluoranthene

Concen: 37.65 ng

RT: 12.75 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

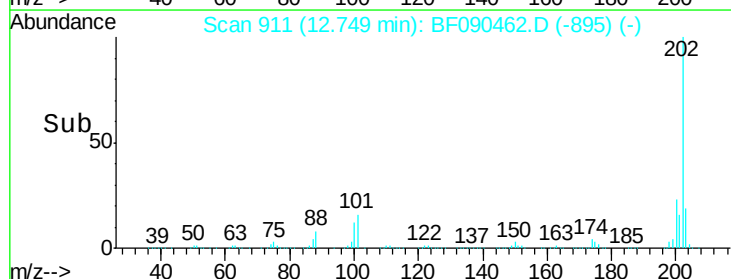
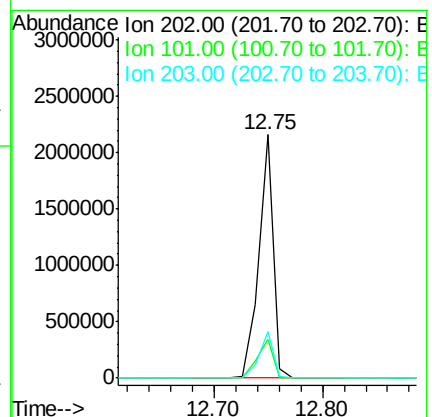
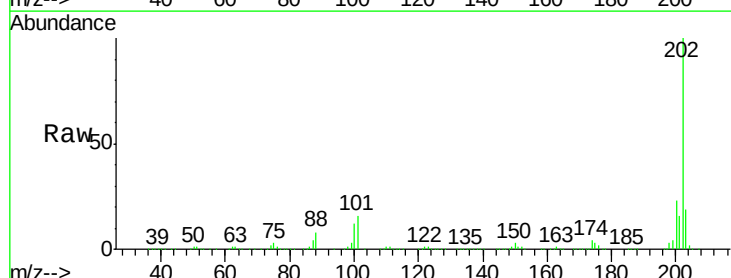
Tgt Ion:202 Resp: 1999697

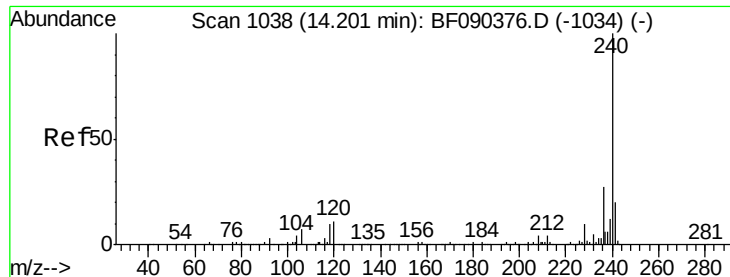
Ion Ratio Lower Upper

202 100

101 15.8 0.0 37.2

203 18.9 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

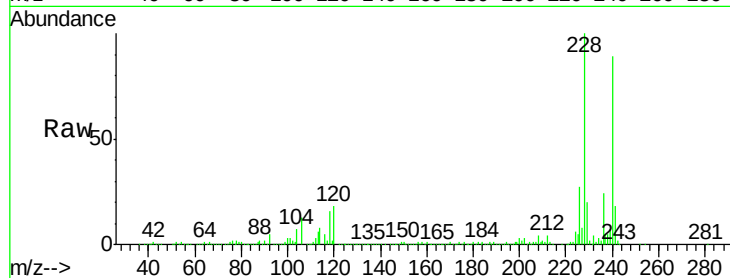
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
240	100		
120	20.5	8.6	13.0#
236	27.0	21.6	32.4

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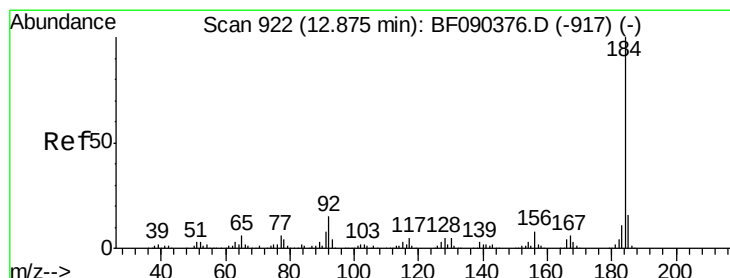
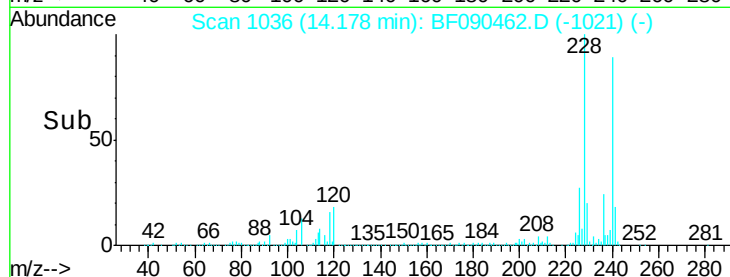
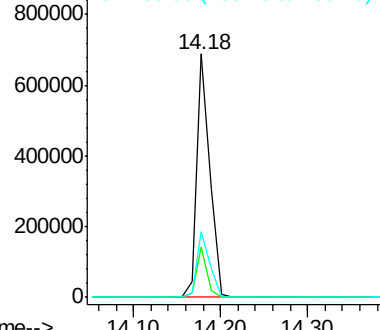
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.14 ng

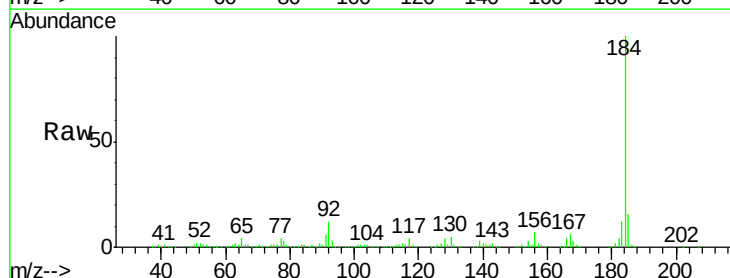
RT: 12.86 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

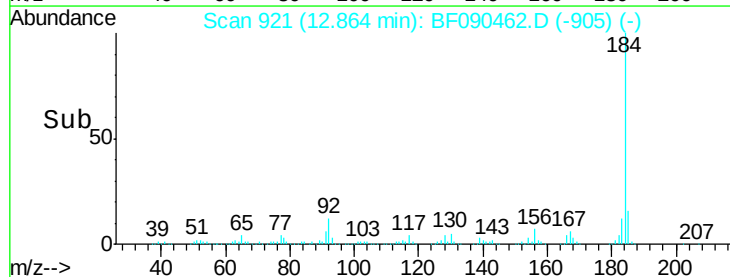
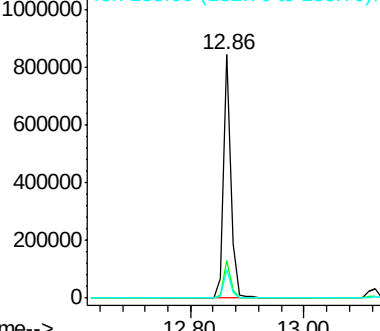
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.8	17.8
183	12.0	9.6	14.4

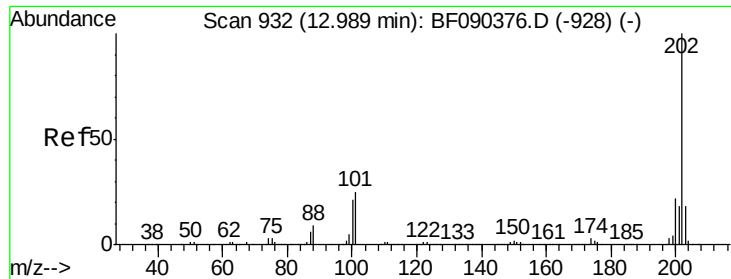


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





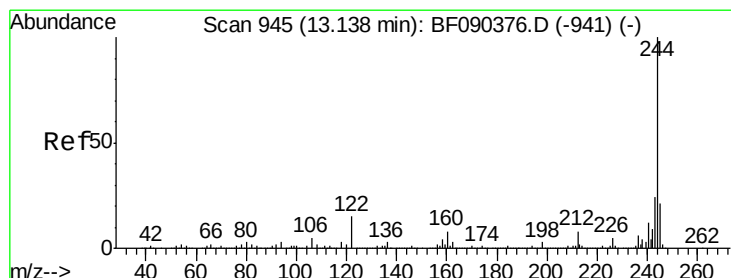
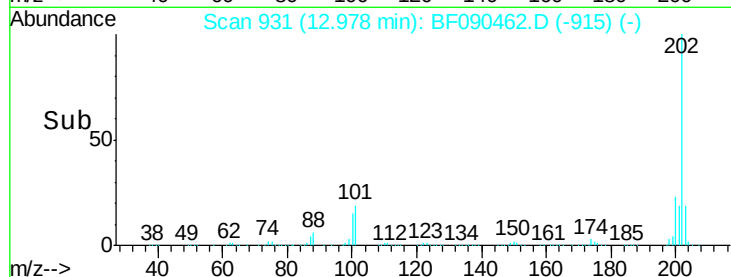
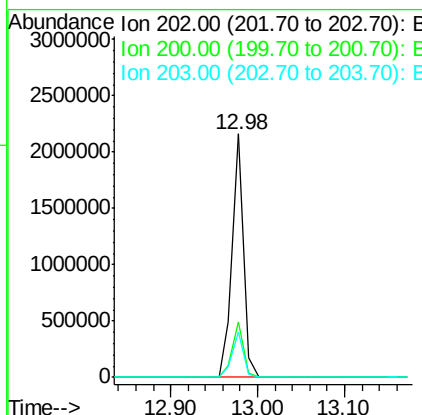
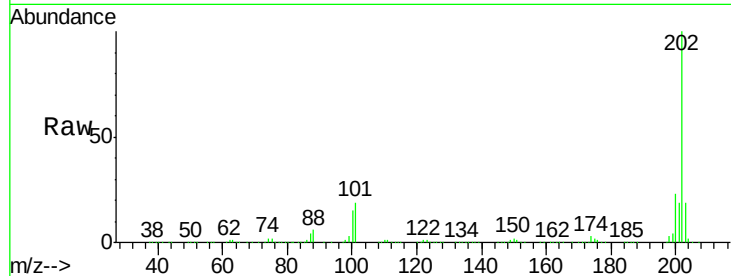
#77
Pyrene
 Concen: 40.66 ng
 RT: 12.98 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.5	27.7
203	18.8	15.0	22.6

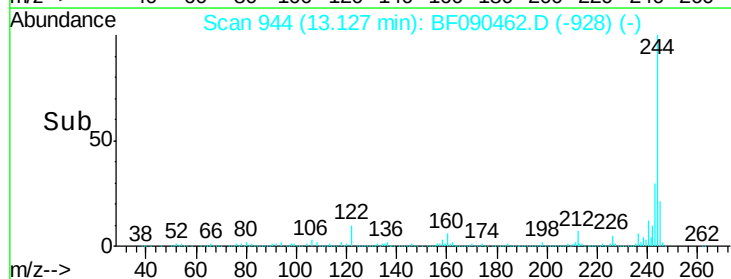
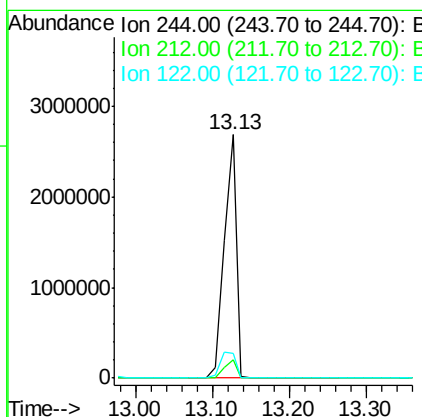
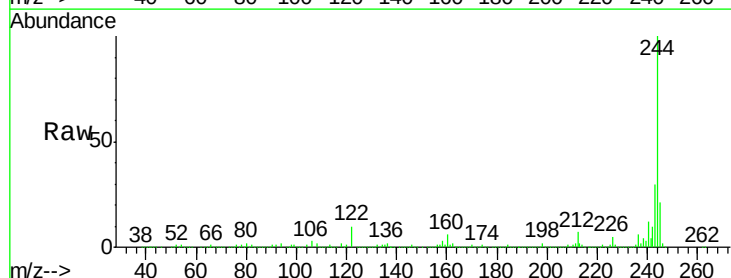
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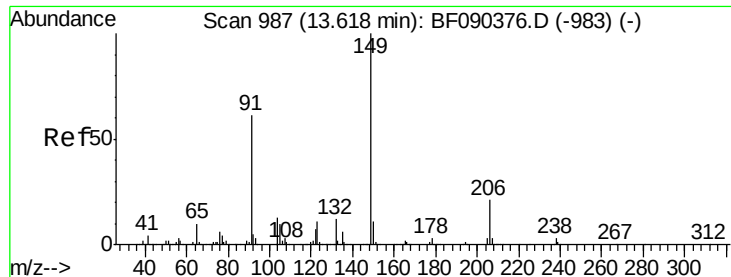
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#78
Terphenyl-d14
 Concen: 92.99 ng
 RT: 13.13 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.8	10.2
122	10.2	13.3	19.9#





#79

Butylbenzylphthalate

Concen: 40.31 ng

RT: 13.60 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 994738
Ion Ratio Lower Upper

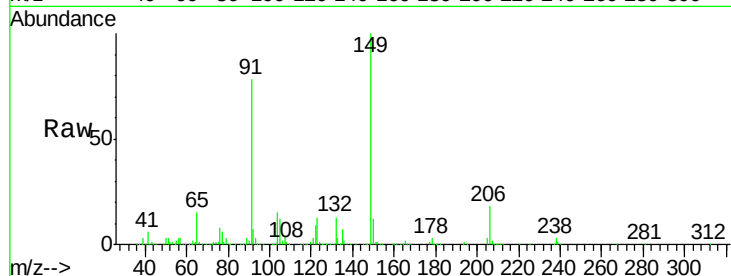
149 100

91 77.9 51.8 77.8#

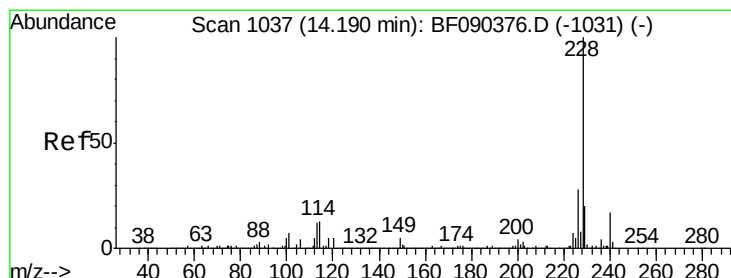
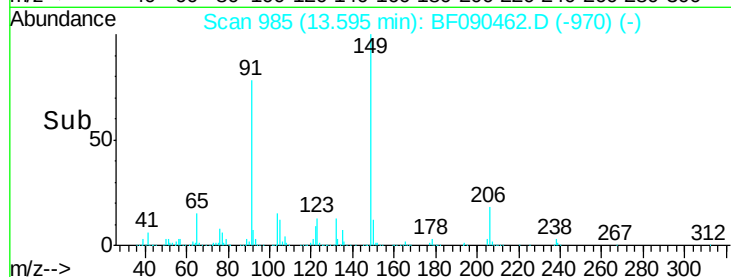
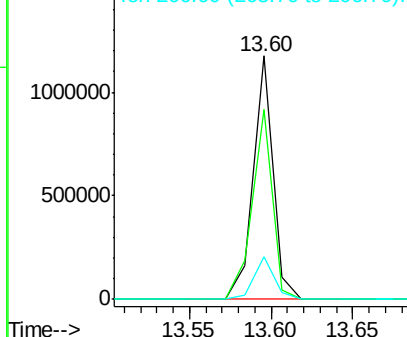
206 17.8 18.0 27.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.10 ng

RT: 14.17 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

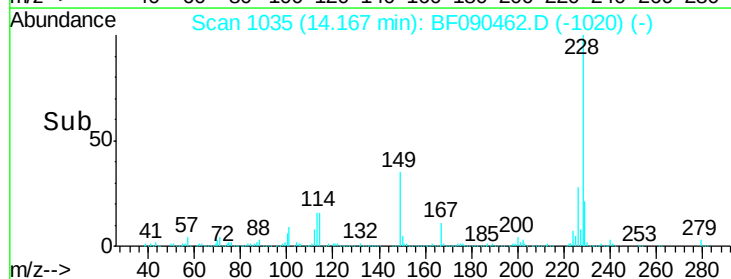
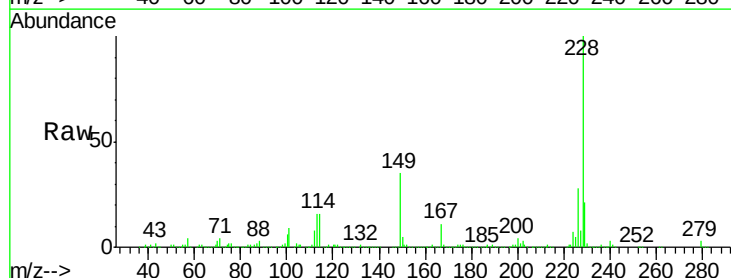
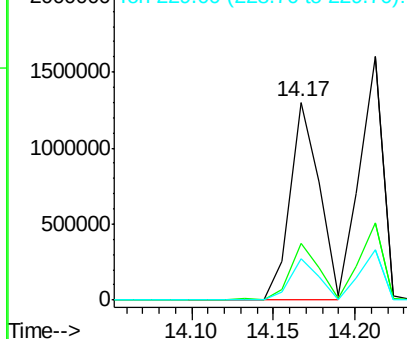
Tgt Ion:228 Resp: 1622894
Ion Ratio Lower Upper

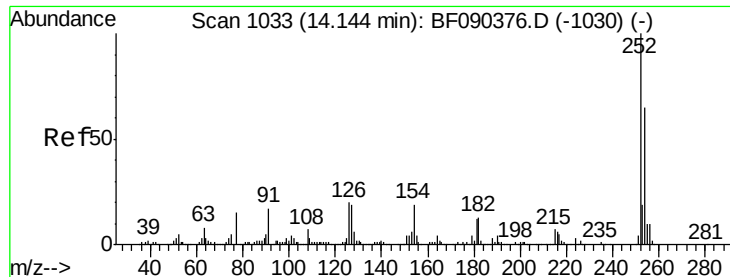
228 100

226 28.4 23.6 35.4

229 20.7 16.6 25.0

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





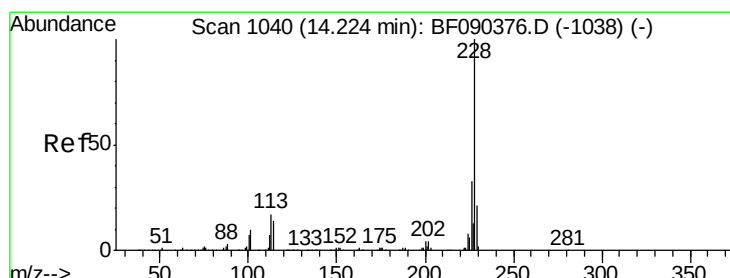
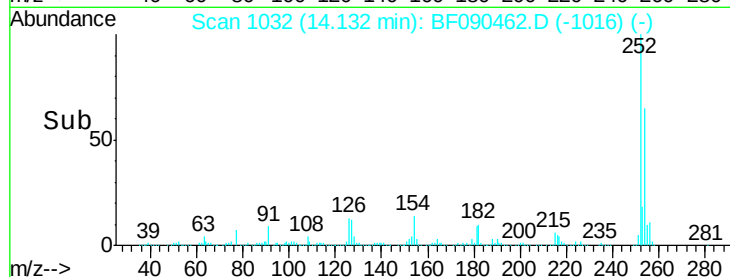
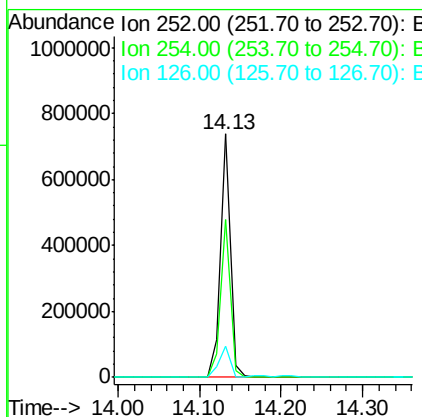
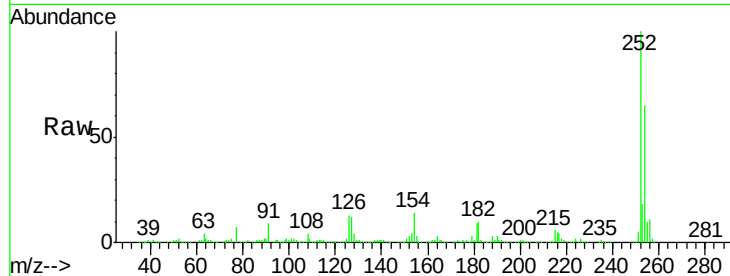
#81
 3,3'-Dichlorobenzidine
 Concen: 41.92 ng
 RT: 14.13 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	12.8	4.2	6.4

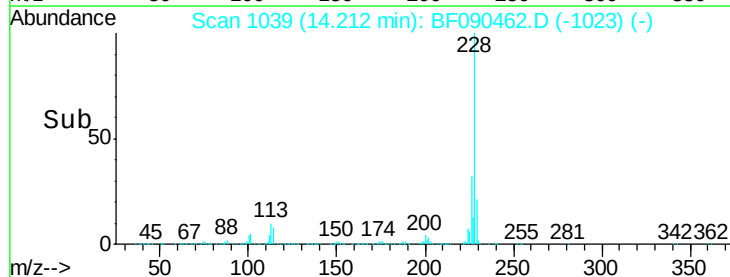
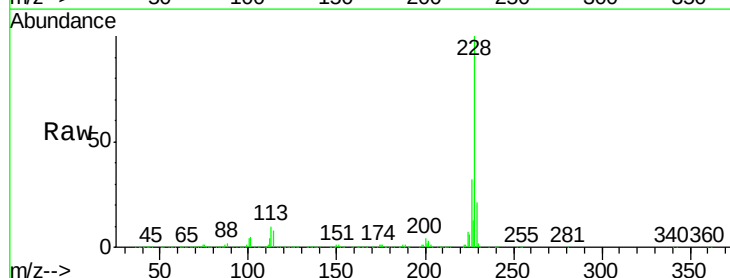
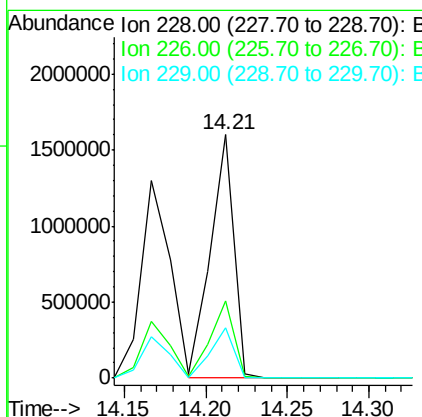
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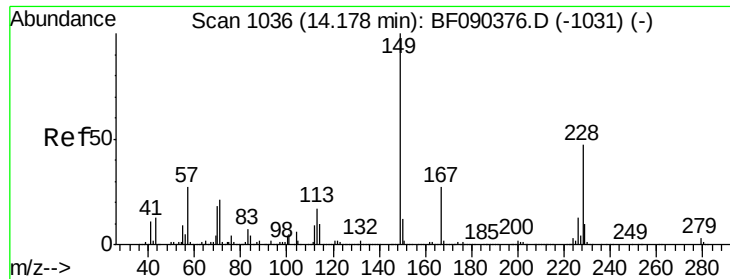
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#82
 Chrysene
 Concen: 43.10 ng
 RT: 14.21 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.8	38.6
229	20.6	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.51 ng

RT: 14.16 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1350786

Ion Ratio Lower Upper

149 100

167 25.8 21.5 32.3

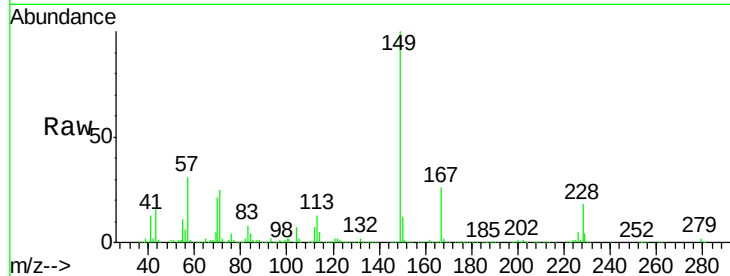
279 2.2 2.6 3.8#

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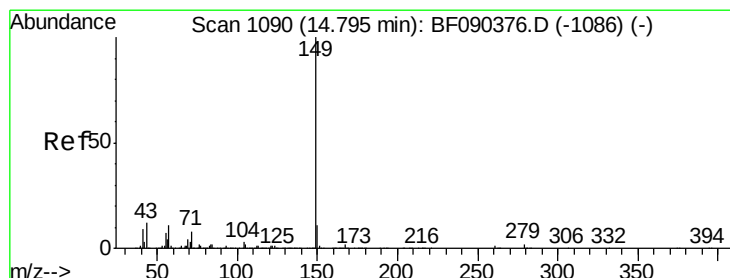
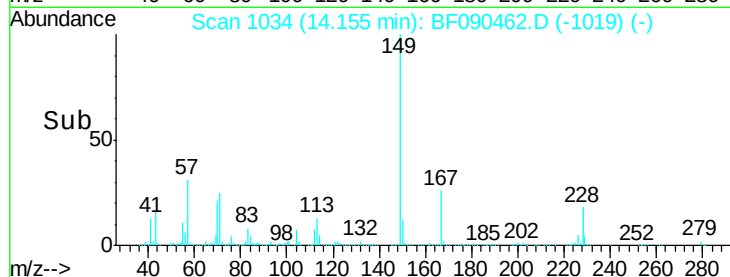
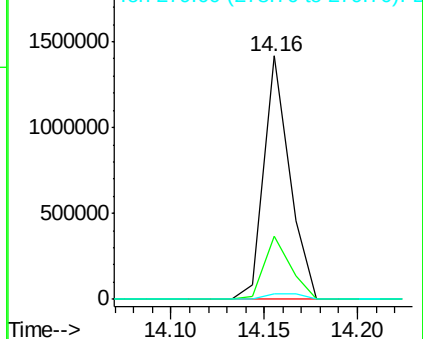
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.94 ng

RT: 14.77 min Scan# 1088

Delta R.T. -0.02 min

Lab File: BF090462.D

Acq: 8 Oct 2016 2:17

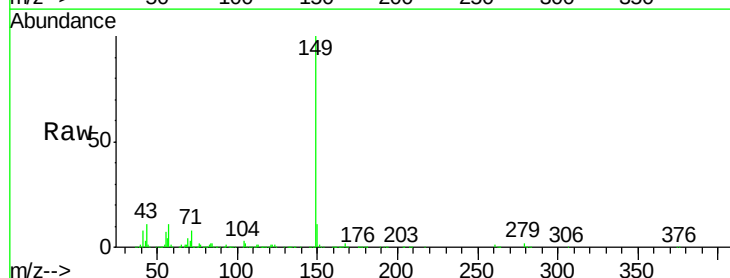
Tgt Ion:149 Resp: 1972891

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

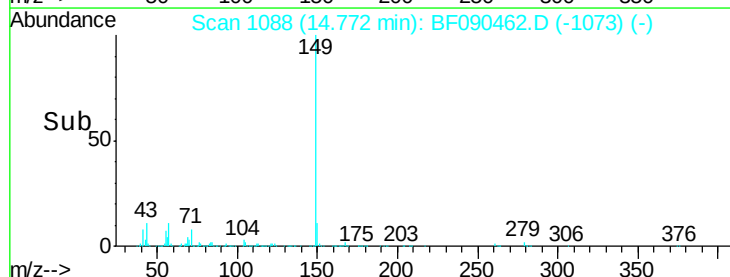
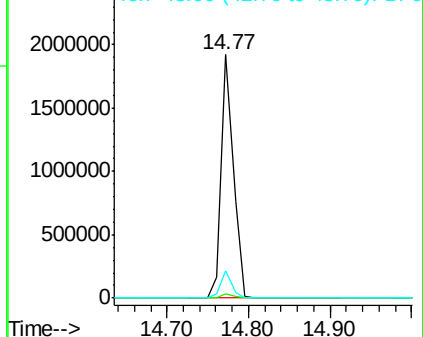
43 10.3 11.8 17.8#

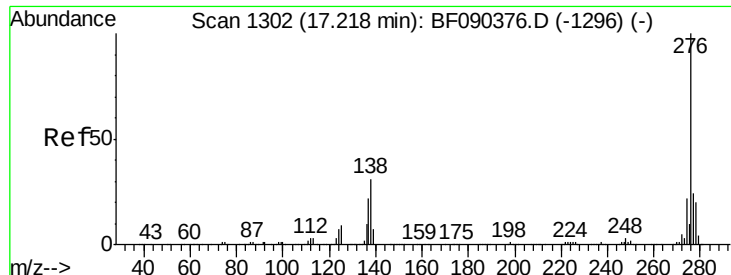


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





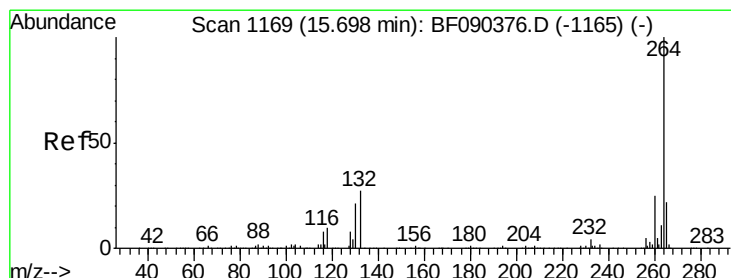
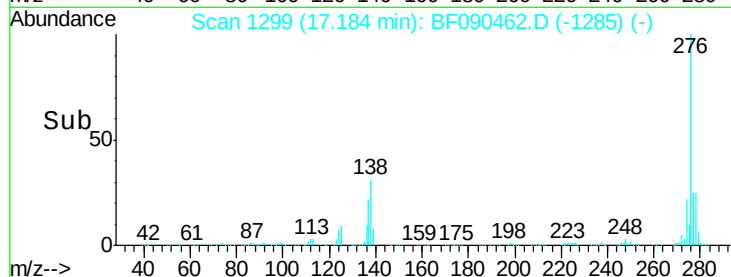
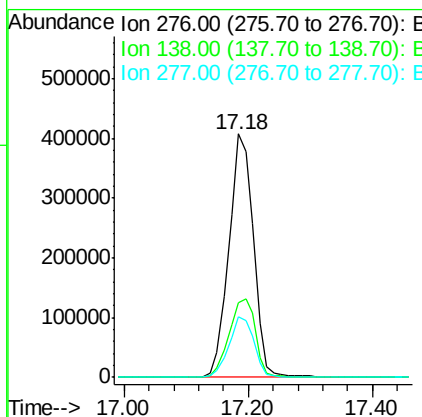
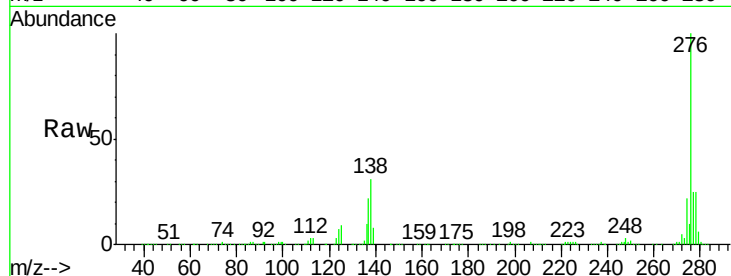
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.34 ng
 RT: 17.18 min Scan# 1299
 Delta R.T. -0.03 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.7	23.8	35.8
277	25.2	20.4	30.6

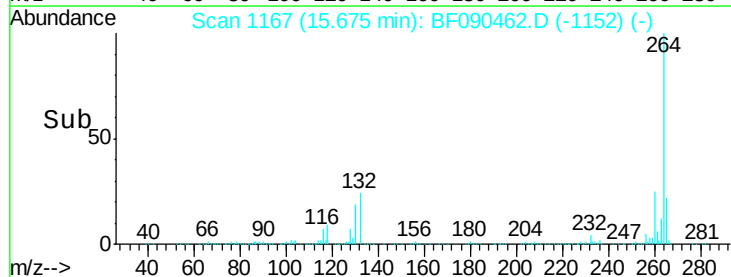
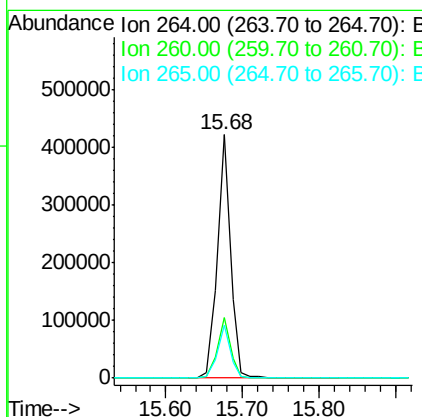
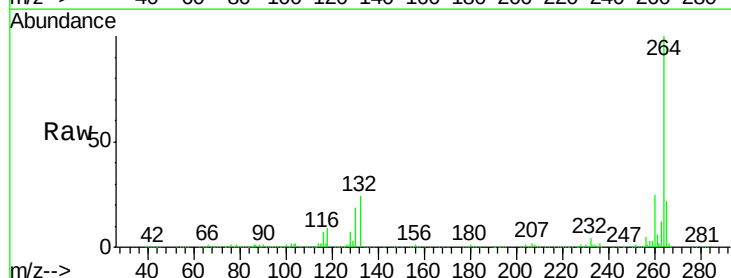
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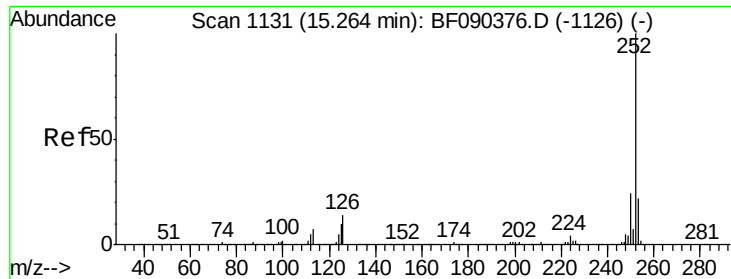
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	21.9	17.4	26.0





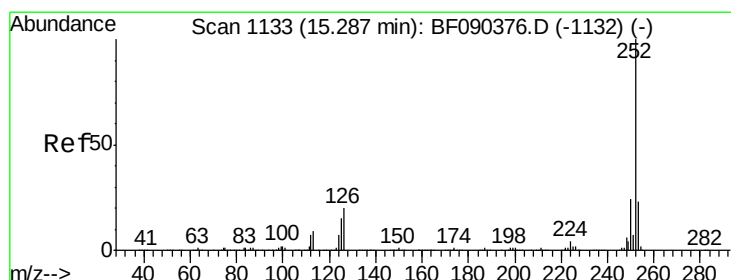
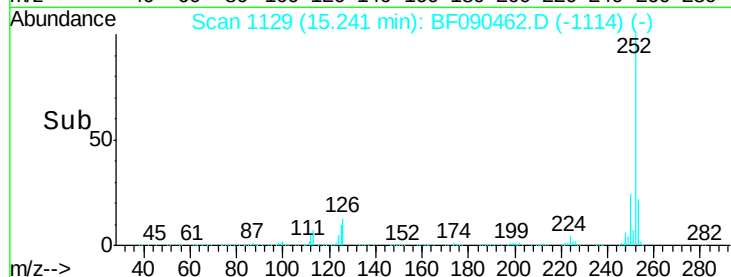
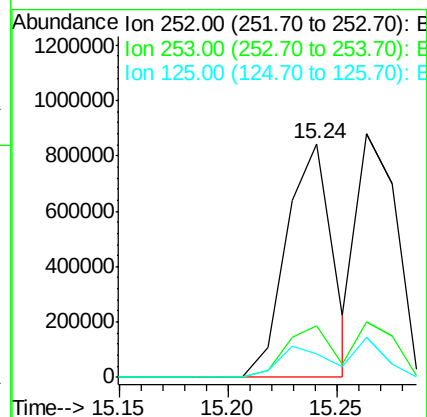
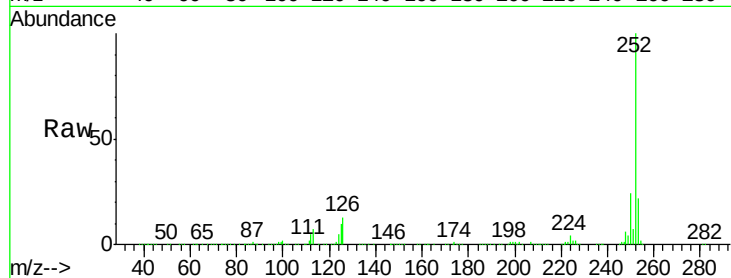
#87
Benzo(b)fluoranthene
Concen: 38.68 ng
RT: 15.24 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.2	7.0	10.4

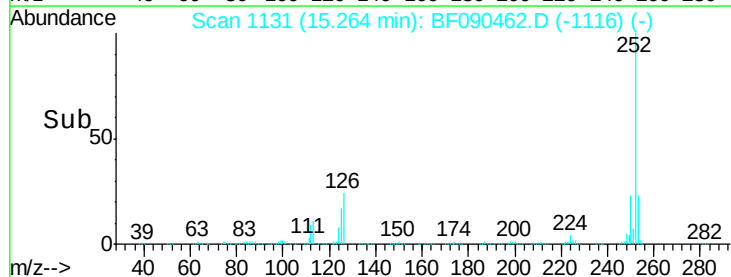
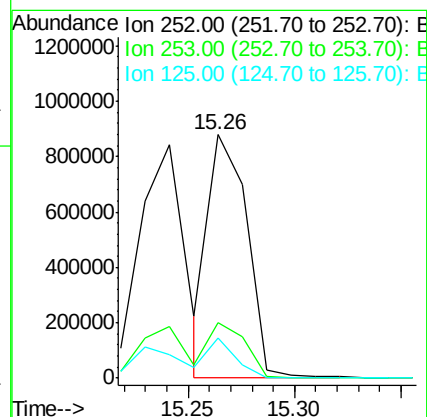
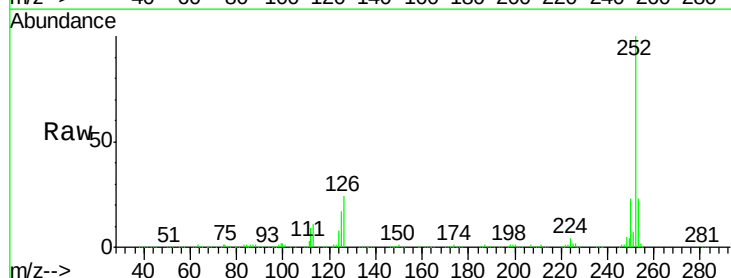
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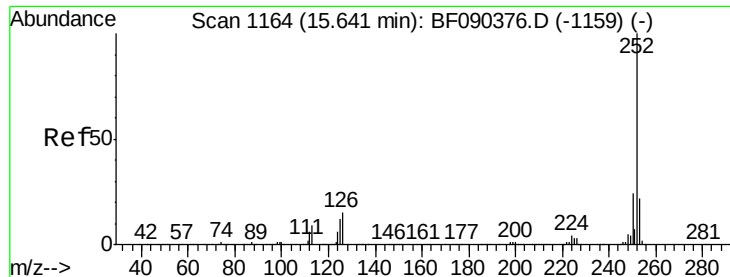
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#88
Benzo(k)fluoranthene
Concen: 36.86 ng m
RT: 15.26 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	16.7	11.7	17.5





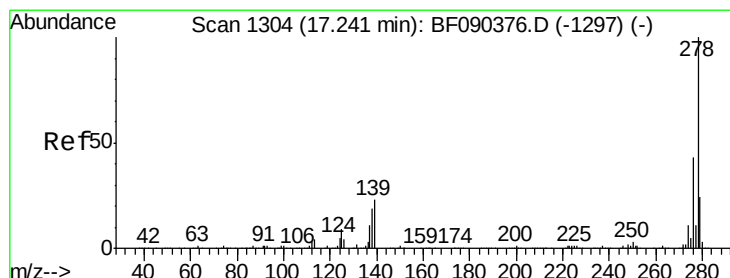
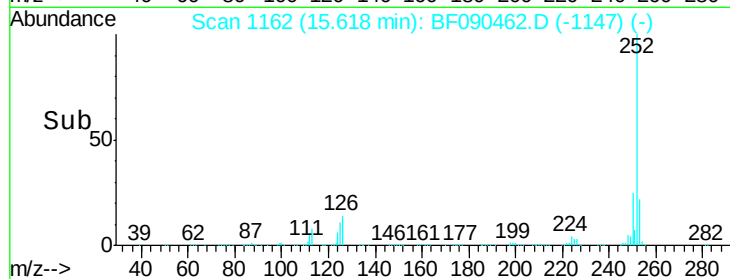
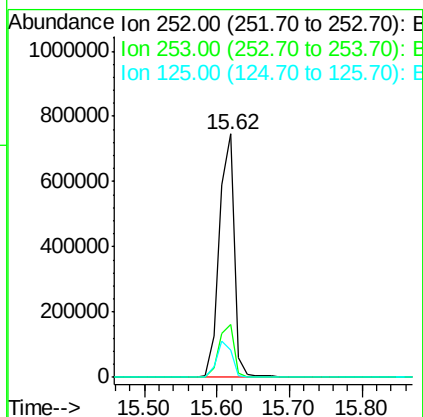
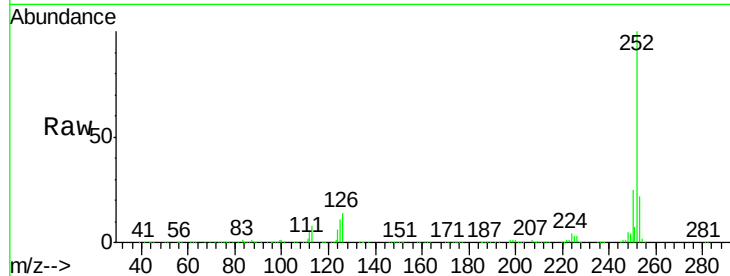
#89
Benzo(a)pyrene
Concen: 38.57 ng
RT: 15.62 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	11.2	9.8	14.8

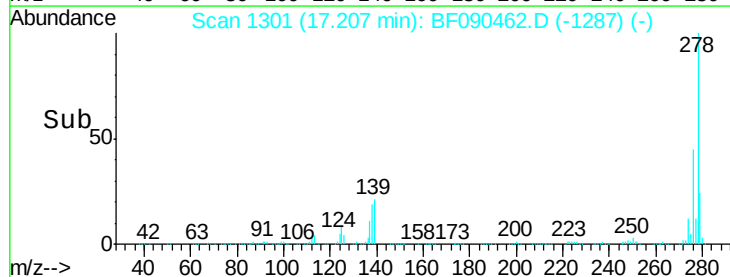
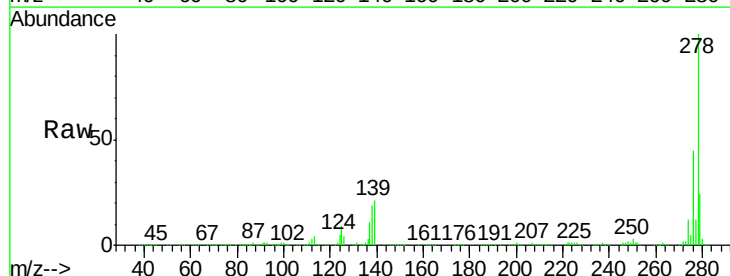
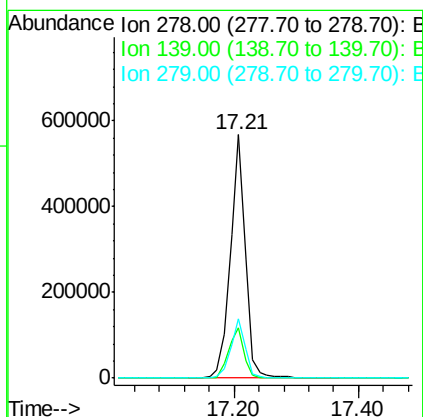
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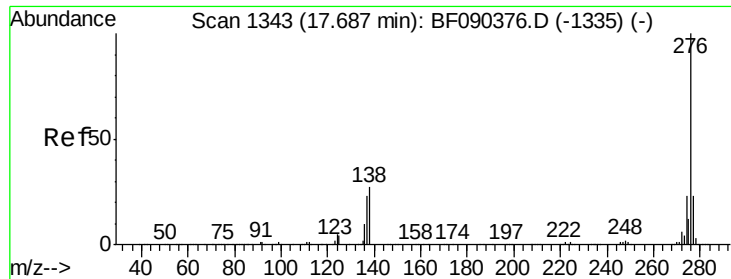
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#90
Dibenzo(a,h)anthracene
Concen: 40.35 ng
RT: 17.21 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF090462.D
Acq: 8 Oct 2016 2:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	12.8	19.2#
279	24.3	19.6	29.4





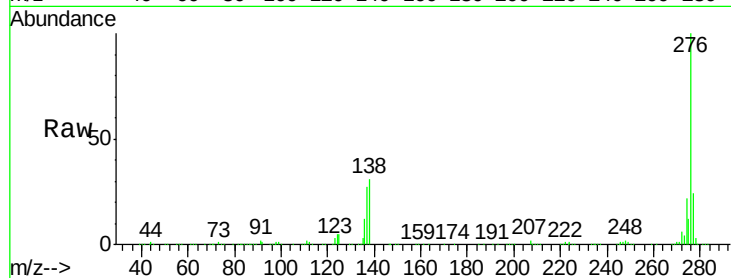
#91
 Benzo(g,h,i)perylene
 Concen: 39.67 ng
 RT: 17.64 min Scan# 1339
 Delta R.T. -0.05 min
 Lab File: BF090462.D
 Acq: 8 Oct 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	19.4	29.0
138	31.0	20.8	31.2

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

