

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090378.D
 Acq On : 5 Oct 2016 13:47
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:19 PM

Quant Time: Oct 05 14:20:10 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 13:33:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	278998	20.00	ng	0.01
21) Naphthalene-d8	8.30	136	1177601	20.00	ng	0.01
38) Acenaphthene-d10	10.06	164	599973	20.00	ng	0.01
63) Phenanthrene-d10	11.55	188	915600	20.00	ng	0.00
75) Chrysene-d12	14.20	240	691086	20.00	ng	0.00
86) Perylene-d12	15.70	264	422416	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	2173578	122.88	ng	0.00
7) Phenol-d6	6.63	99	2810935	127.13	ng	0.01
23) Nitrobenzene-d5	7.57	82	2884457	142.78	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	589108	113.05	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3490008	94.84	ng	0.00
78) Terphenyl-d14	13.14	244	3704942	124.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	558085	64.64	ng	# 93
3) Pyridine	3.49	79	1587081	69.34	ng	88
4) n-Nitrosodimethylamine	3.46	42	637997	76.96	ng	# 63
6) Aniline	6.67	93	2022401	66.57	ng	96
8) 2-Chlorophenol	6.79	128	1250800	62.93	ng	99
9) Benzaldehyde	6.55	77	739299	72.03	ng	96
10) Phenol	6.65	94	1586485	58.99	ng	95
11) bis(2-Chloroethyl)ether	6.74	93	1269497	66.48	ng	88
12) 1,3-Dichlorobenzene	6.94	146	1189352	57.61	ng	# 88
13) 1,4-Dichlorobenzene	7.02	146	1181677	56.37	ng	99
14) 1,2-Dichlorobenzene	7.18	146	1274913	63.97	ng	99
15) Benzyl Alcohol	7.15	79	1096096	70.32	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.29	45	2022139	69.28	ng	92
17) 2-Methylphenol	7.26	107	1054132	68.47	ng	99
18) Hexachloroethane	7.53	117	512411	67.55	ng	95
19) n-Nitroso-di-n-propylamine	7.43	70	1097304	77.71	ng	# 81
20) 3+4-Methylphenols	7.41	107	1231240	62.90	ng	92
22) Acetophenone	7.42	105	1613806	59.19	ng	94
24) Nitrobenzene	7.59	77	1390248	64.45	ng	99
25) Isophorone	7.83	82	2616999	68.09	ng	96
26) 2-Nitrophenol	7.91	139	669552	80.44	ng	96
27) 2,4-Dimethylphenol	7.95	122	1238213	65.94	ng	99
28) bis(2-Chloroethoxy)methane	8.04	93	1432427	60.02	ng	# 97
29) 2,4-Dichlorophenol	8.15	162	983976	64.01	ng	94
30) 1,2,4-Trichlorobenzene	8.23	180	914664	53.12	ng	99
31) Naphthalene	8.33	128	3247363	57.69	ng	99
32) Benzoic acid	8.10	122	977211	88.49	ng	90
33) 4-Chloroaniline	8.36	127	1335822	59.41	ng	98
34) Hexachlorobutadiene	8.44	225	581525	57.38	ng	99
35) Caprolactam	8.76	113	312453	77.71	ng	93
36) 4-Chloro-3-methylphenol	8.85	107	1231141	74.57	ng	94
37) 2-Methylnaphthalene	9.01	142	1944133	55.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	1059252	62.55	ng	99
40) Hexachlorocyclopentadiene	9.17	237	596124	60.19	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	634088	59.52	nq	97
43) 2,4,5-Trichlorophenol	9.33	196	662683	61.82	nq #	92
45) 1,1'-Biphenyl	9.48	154	2497722	53.77	nq	98
46) 2-Chloronaphthalene	9.50	162	1792060	51.40	nq	98
47) 2-Nitroaniline	9.59	65	747764	78.57	nq	92
48) Acenaphthylene	9.93	152	3189803	60.48	nq	99
49) Dimethylphthalate	9.79	163	2224410	62.63	nq	98
50) 2,6-Dinitrotoluene	9.85	165	525119	67.59	nq #	58
51) Acenaphthene	10.10	154	2029662	63.23	nq	99
52) 3-Nitroaniline	10.01	138	574420	65.27	nq	88
53) 2,4-Dinitrophenol	10.11	184	246819	105.08	nq #	68
54) Dibenzofuran	10.27	168	2620024	61.73	nq	94
55) 4-Nitrophenol	10.17	139	578798	82.60	nq	87
56) 2,4-Dinitrotoluene	10.25	165	729503	78.01	nq #	53
57) Fluorene	10.61	166	2138606	60.24	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	511005	67.60	nq	89
59) Diethylphthalate	10.49	149	2298083	63.30	nq	97
60) 4-Chlorophenyl-phenylether	10.60	204	1003226	59.59	nq	99
61) 4-Nitroaniline	10.63	138	650268	82.15	nq	92
62) Azobenzene	10.76	77	2551995	67.45	nq	91
64) 4,6-Dinitro-2-methylphenol	10.66	198	397932	113.93	nq #	60
65) n-Nitrosodiphenylamine	10.73	169	1885561	60.39	nq	98
66) 4-Bromophenyl-phenylether	11.09	248	564848	57.09	nq	93
67) Hexachlorobenzene	11.16	284	625387	53.78	nq #	87
68) Atrazine	11.25	200	477885	63.93	nq	93
69) Pentachlorophenol	11.35	266	408473	62.66	nq	98
70) Phenanthrene	11.57	178	2547814	51.87	nq	100
71) Anthracene	11.63	178	2865036	58.43	nq	98
72) Carbazole	11.78	167	2387238	52.96	nq	99
73) Di-n-butylphthalate	12.11	149	2905798	53.94	nq	100
74) Fluoranthene	12.77	202	2767853	59.41	nq	91
76) Benzidine	12.89	184	1179190	62.05	nq	97
77) Pyrene	13.00	202	2875444	64.98	nq	98
79) Butylbenzylphthalate	13.62	149	1477417	84.72	nq	96
80) Benzo(a)anthracene	14.19	228	2285598	58.98	nq	99
81) 3,3'-Dichlorobenzidine	14.16	252	891967	66.82	nq #	99
82) Chrysene	14.22	228	1911529	52.64	nq	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1870142	67.04	nq	98
84) Di-n-octyl phthalate	14.80	149	2654634	65.49	nq	94
85) Indeno(1,2,3-cd)pyrene	17.23	276	1624382	41.62	nq #	93
87) Benzo(b)fluoranthene	15.26	252	1634016m	67.27	nq	
88) Benzo(k)fluoranthene	15.30	252	1647918m	71.02	nq	
89) Benzo(a)pyrene	15.64	252	1429354	64.51	nq #	95
90) Dibenzo(a,h)anthracene	17.25	278	1365227	62.84	nq #	94
91) Benzo(g,h,i)perylene	17.70	276	1312307	61.67	nq	95

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

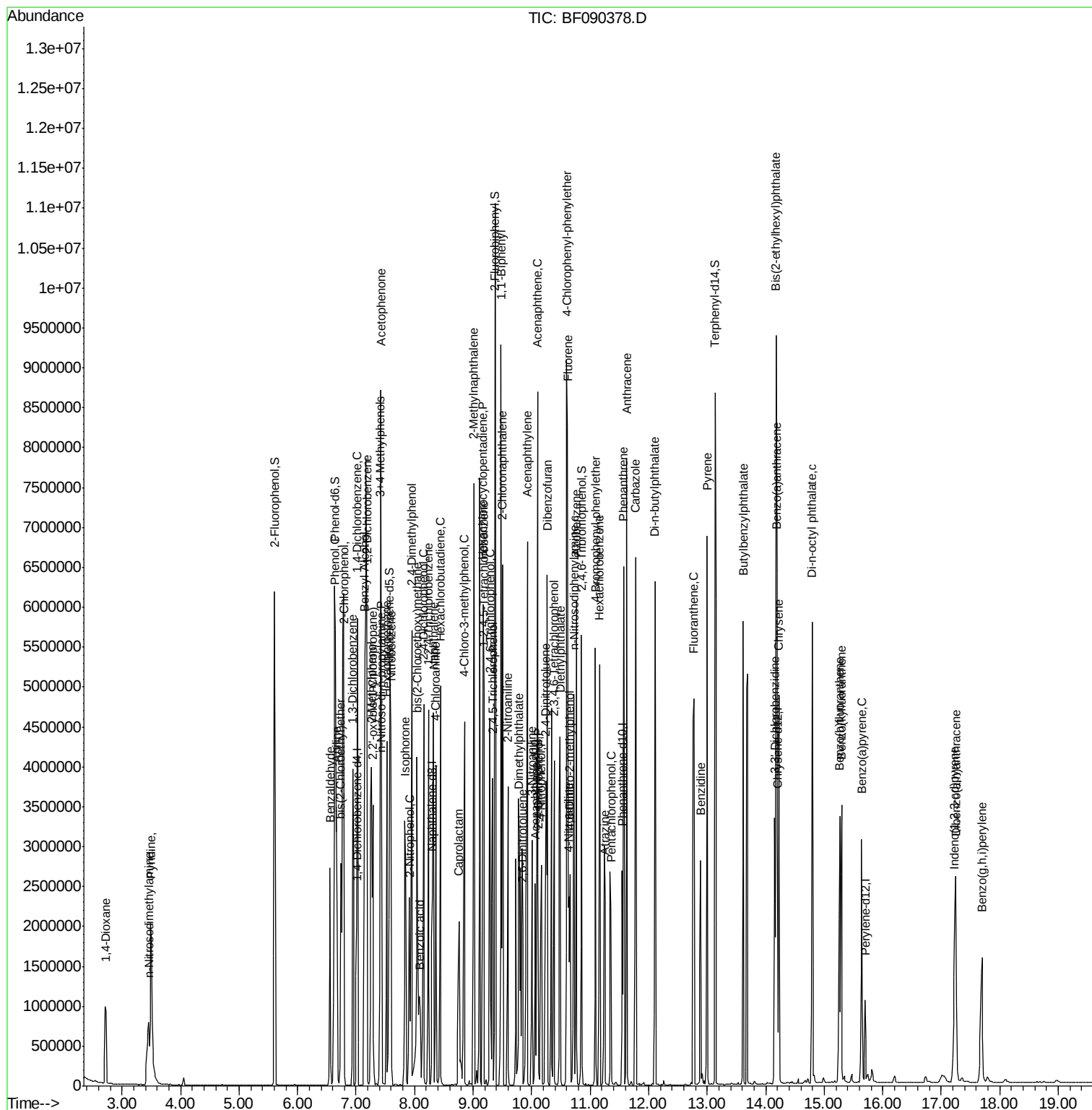
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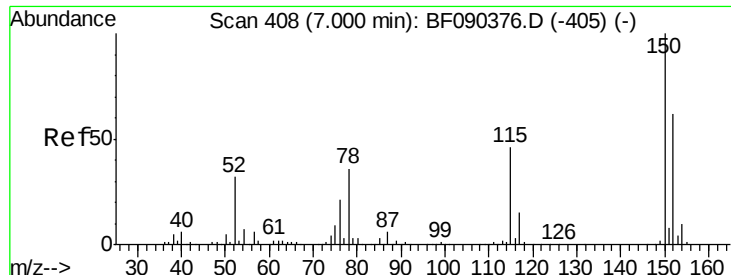
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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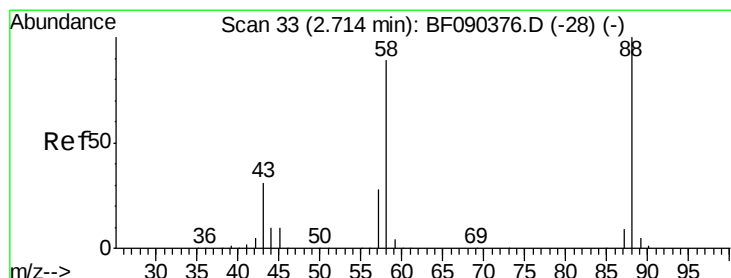
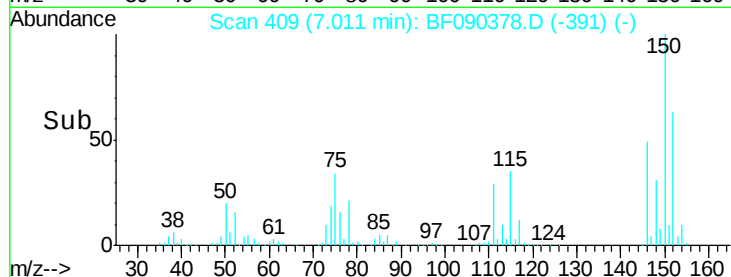
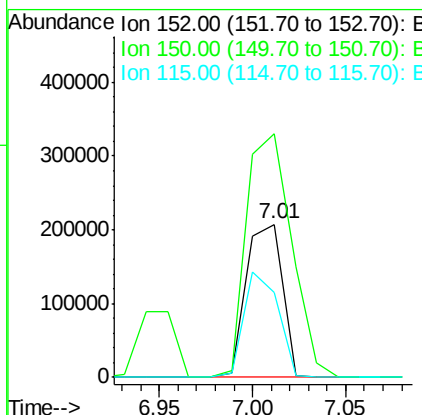
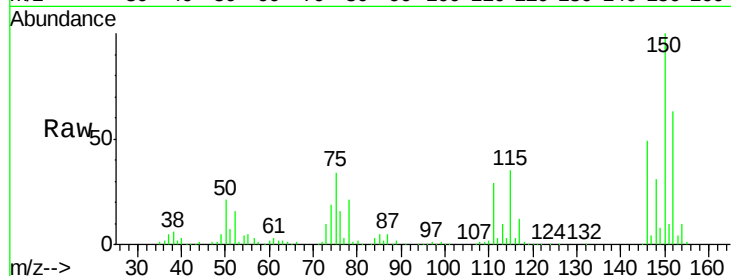
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	55.5	46.2	69.4

Manual Integrations
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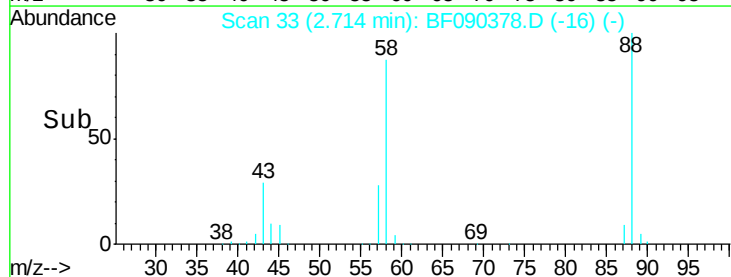
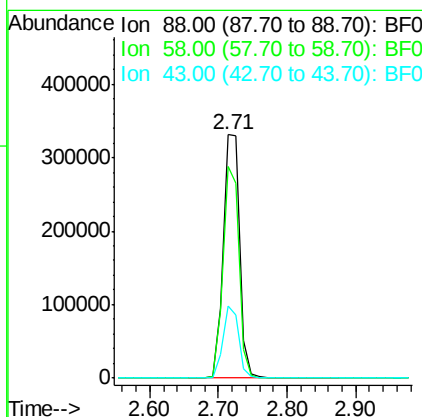
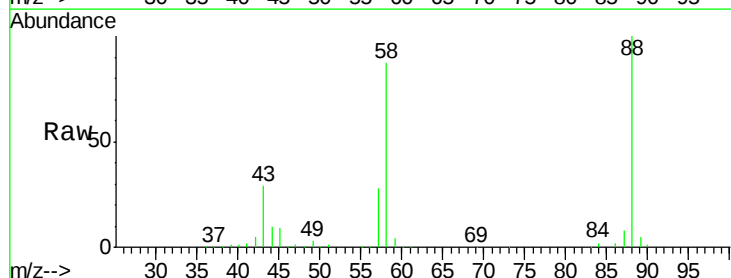
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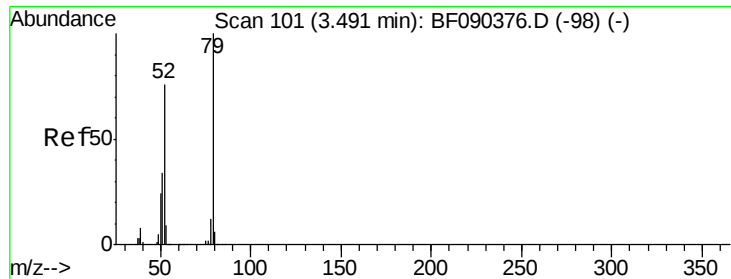


#2

1,4-Dioxane
Concen: 64.64 ng
RT: 2.71 min Scan# 33
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.3	71.2	106.8
43	28.8	29.8	44.6#





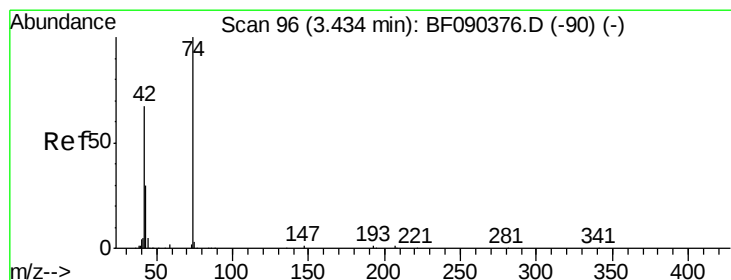
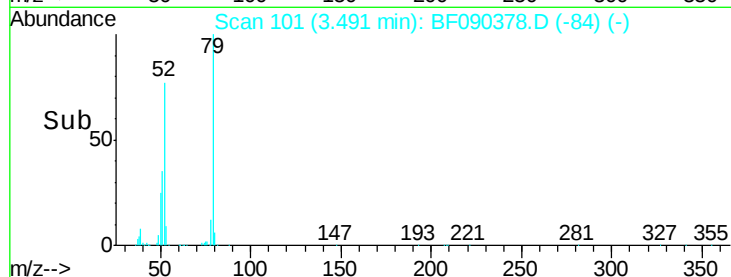
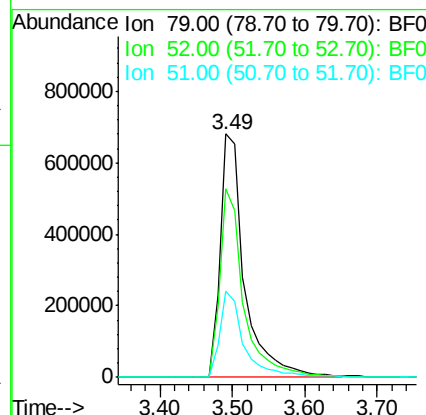
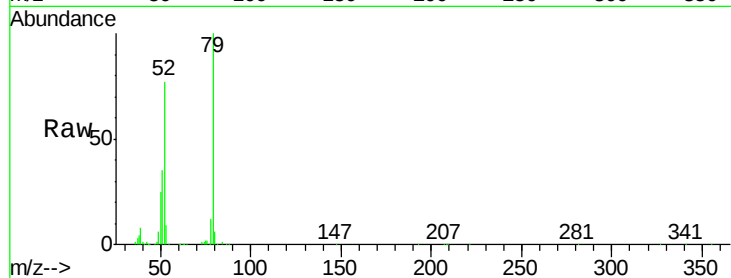
#3
 Pvridine
 Concen: 69.34 ng
 RT: 3.49 min Scan# 101
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion: 79 Resp: 1587081
 Ion Ratio Lower Upper
 79 100
 52 77.4 71.3 106.9
 51 35.4 34.5 51.7

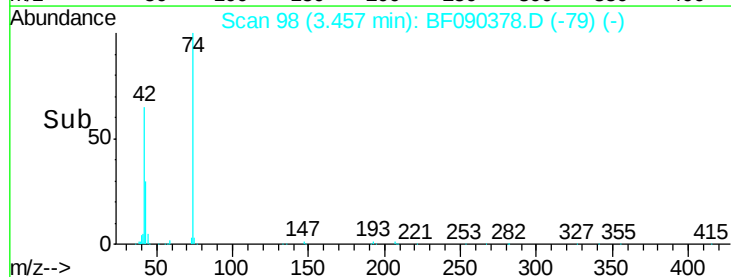
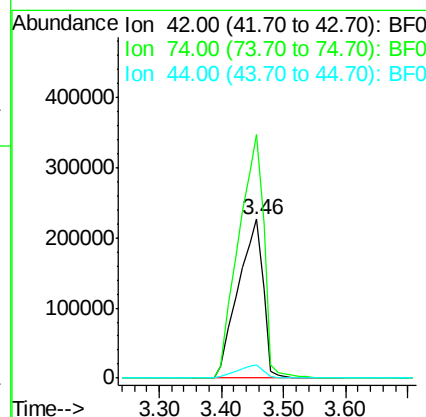
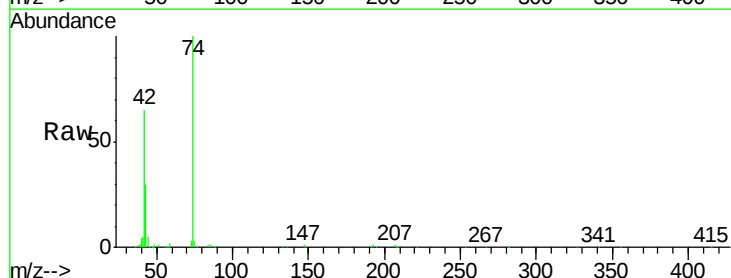
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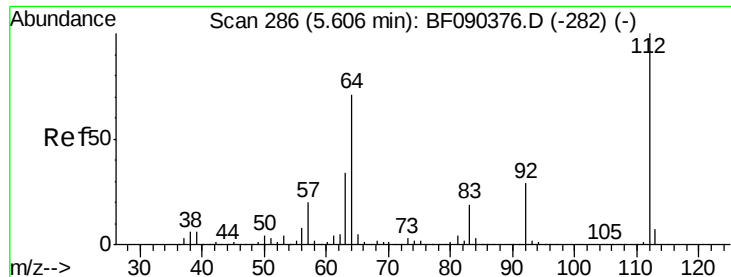
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#4
 n-Nitrosodimethylamine
 Concen: 76.96 ng
 RT: 3.46 min Scan# 98
 Delta R.T. 0.02 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion: 42 Resp: 637997
 Ion Ratio Lower Upper
 42 100
 74 153.4 88.9 133.3#
 44 8.1 6.5 9.7





#5

2-Fluorophenol

Concen: 122.88 ng

RT: 5.61 min Scan# 286

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:112 Resp: 2173578

Ion Ratio Lower Upper

112 100

64 76.3 57.9 86.9

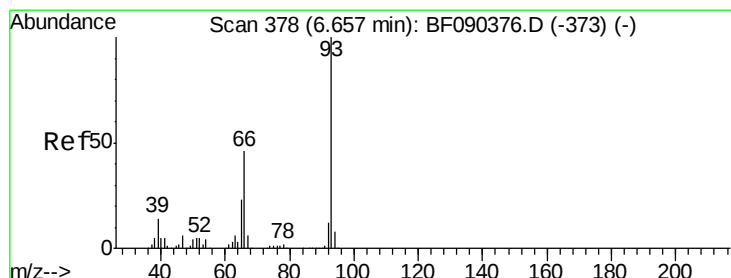
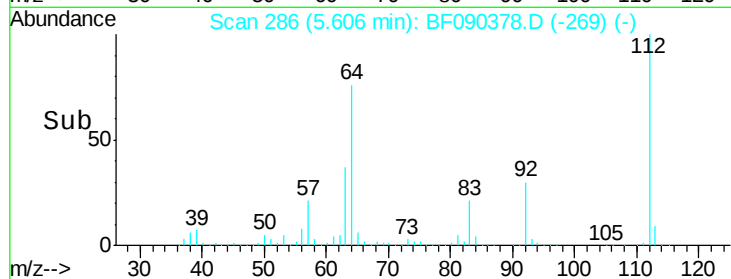
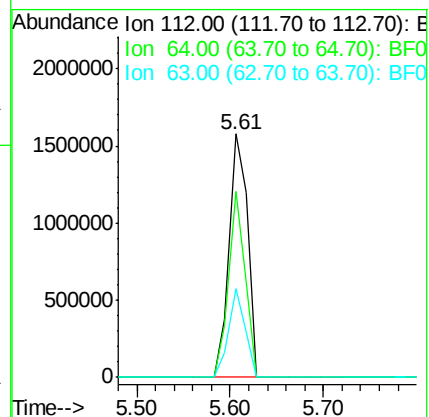
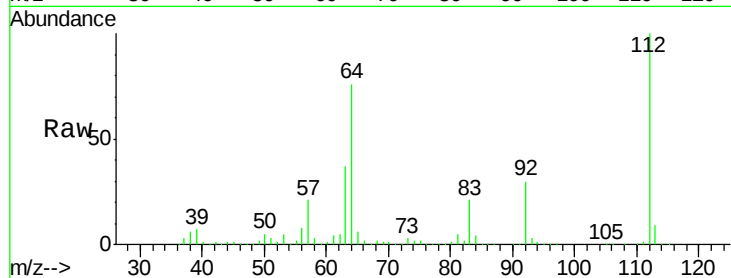
63 36.6 29.6 44.4

Manual Integrations

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#6

Aniline

Concen: 66.57 ng

RT: 6.67 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

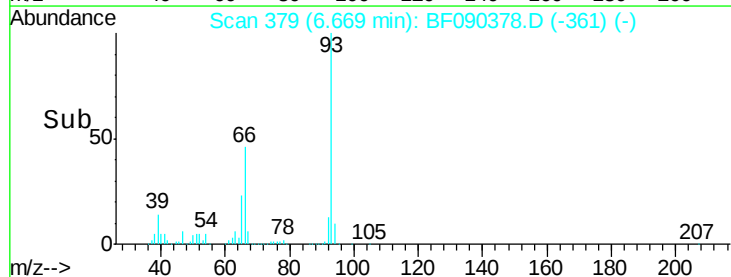
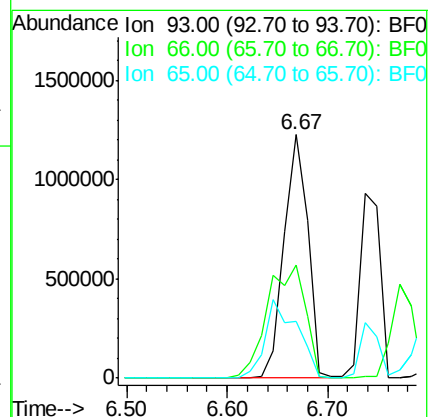
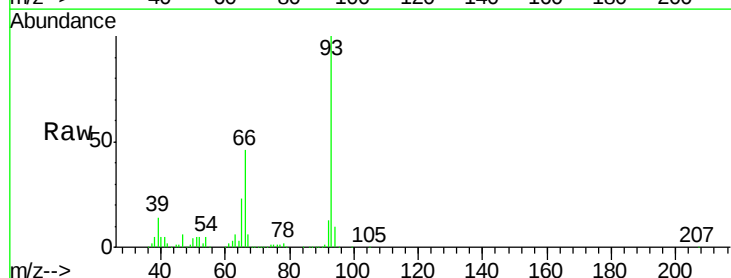
Tgt Ion: 93 Resp: 2022401

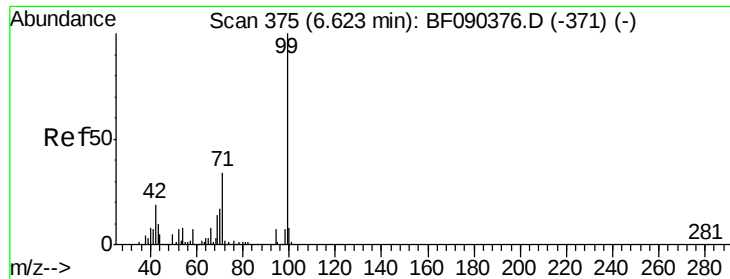
Ion Ratio Lower Upper

93 100

66 46.4 34.5 51.7

65 23.3 18.2 27.2





#7

Phenol-d6

Concen: 127.13 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 2810935

Ion Ratio Lower Upper

99 100

42 18.0 20.0 30.0#

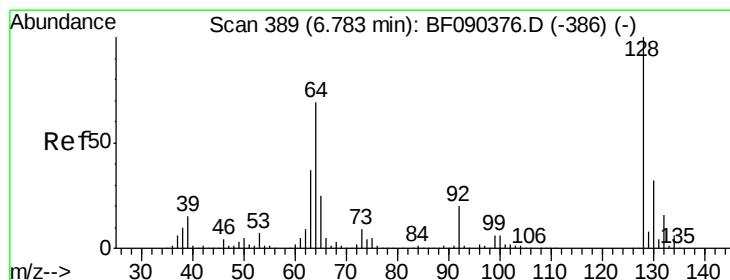
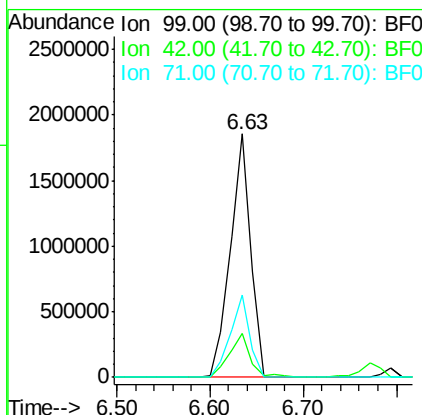
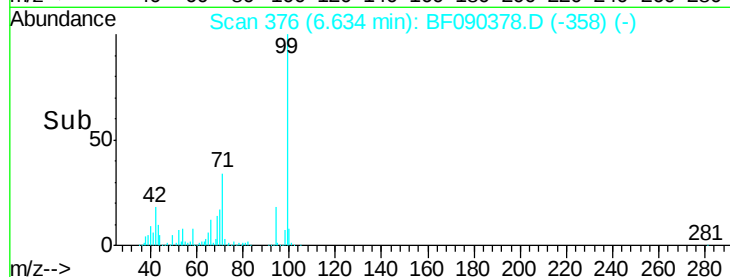
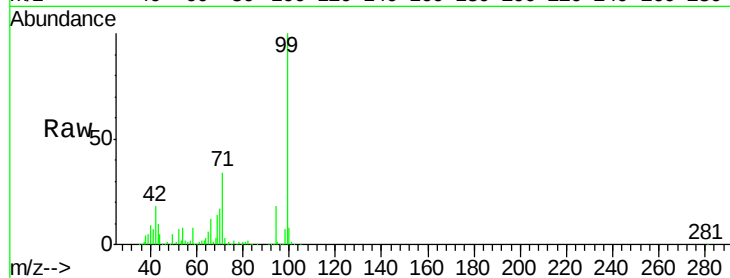
71 33.8 27.9 41.9

Manual Integrations

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#8

2-Chlorophenol

Concen: 62.93 ng

RT: 6.79 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

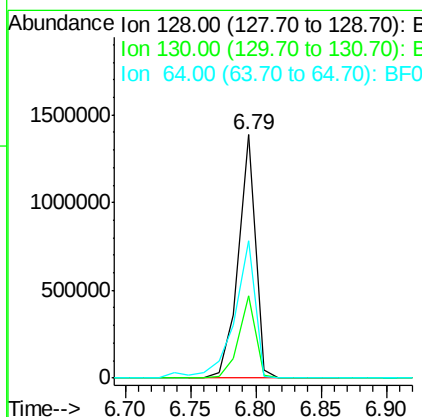
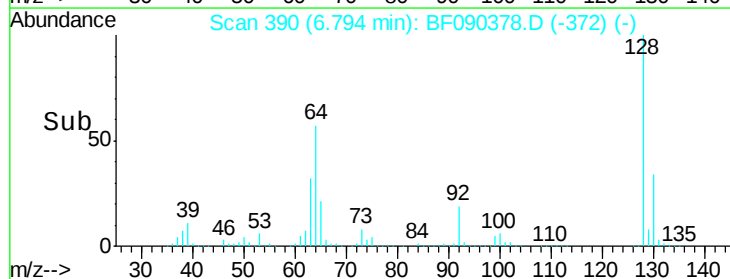
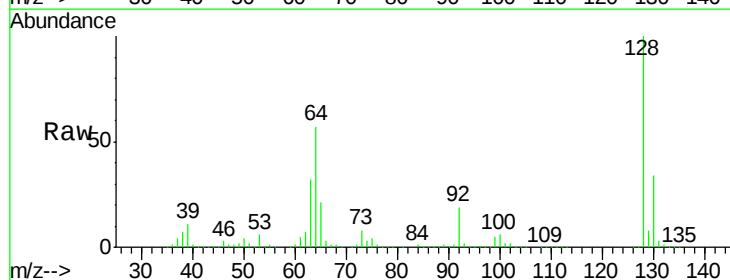
Tgt Ion: 128 Resp: 1250800

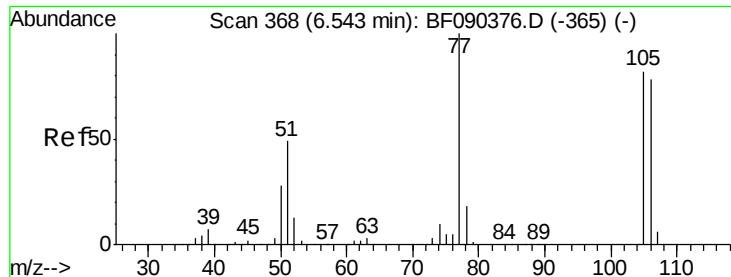
Ion Ratio Lower Upper

128 100

130 33.6 13.3 53.3

64 56.5 36.0 76.0





#9

Benzaldehyde

Concen: 72.03 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

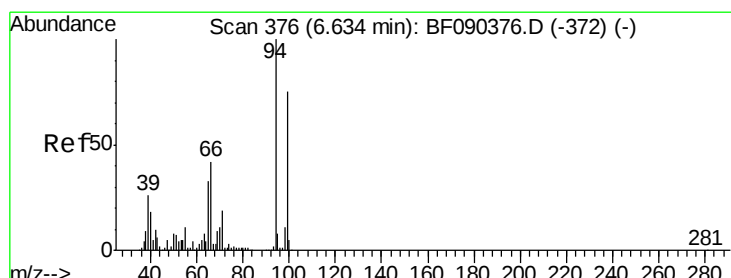
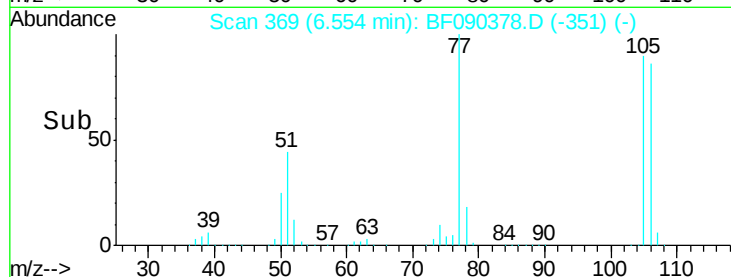
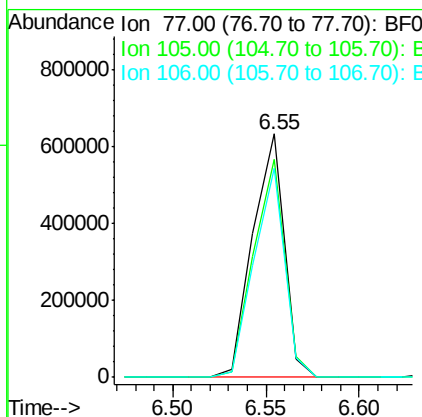
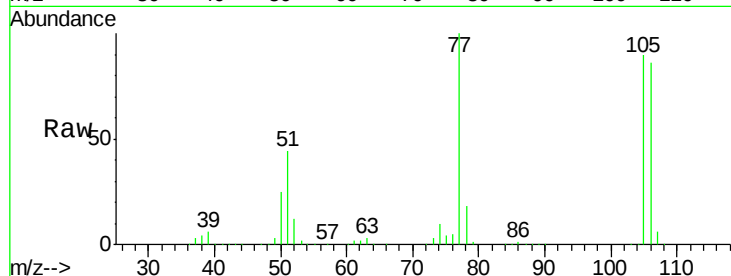
ClientSampleId :

SSTDIC060

Tot Ion:	77	Resp:	739299
Ion Ratio	Lower	Upper	
77	100		
105	89.7	73.1	113.1
106	85.6	70.2	110.2

Manual Integrations
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#10

Phenol

Concen: 58.99 ng

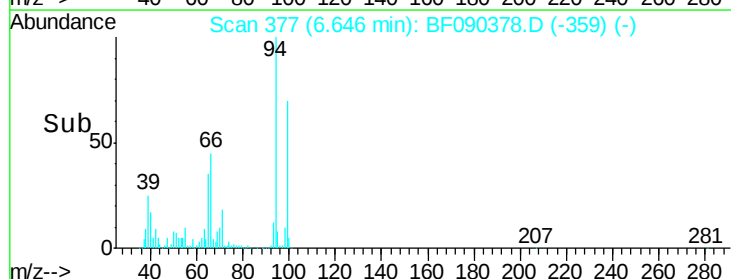
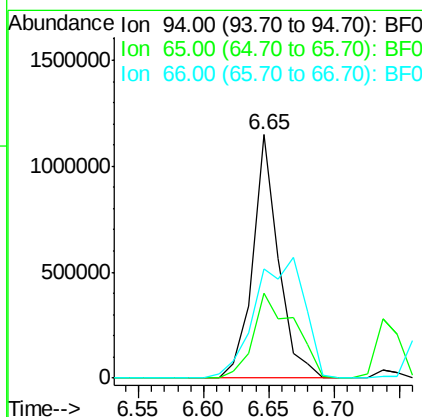
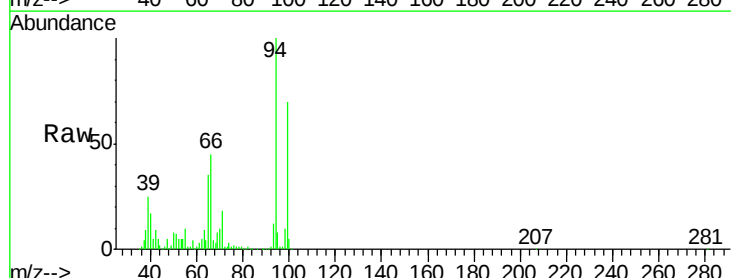
RT: 6.65 min Scan# 377

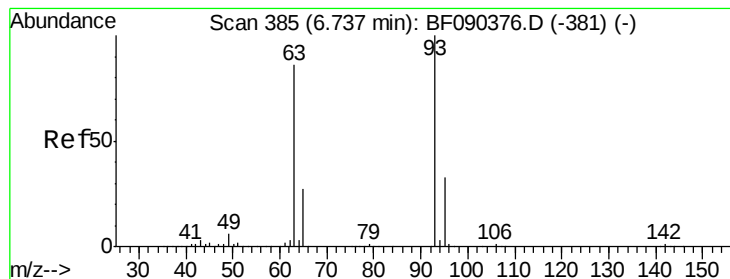
Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Tgt Ion:	94	Resp:	1586485
Ion Ratio	Lower	Upper	
94	100		
65	34.7	13.3	53.3
66	44.9	20.4	60.4





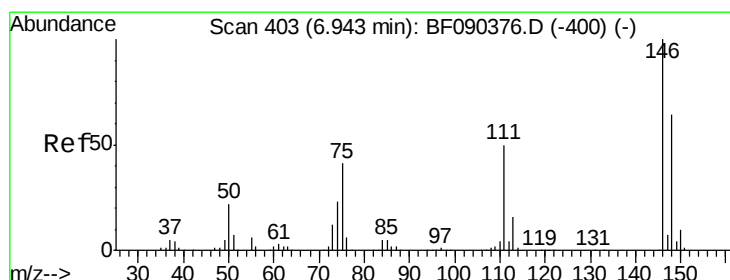
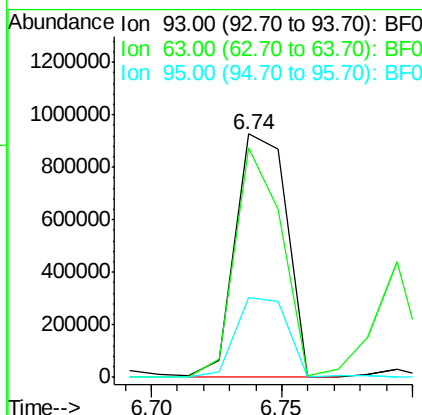
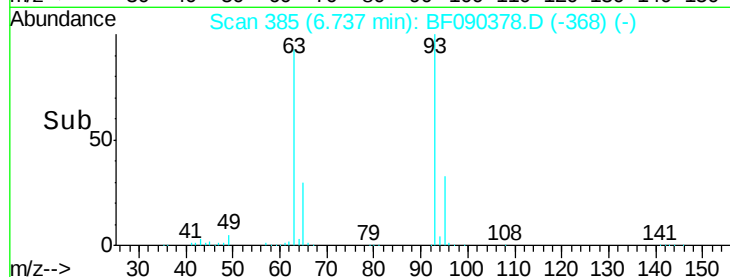
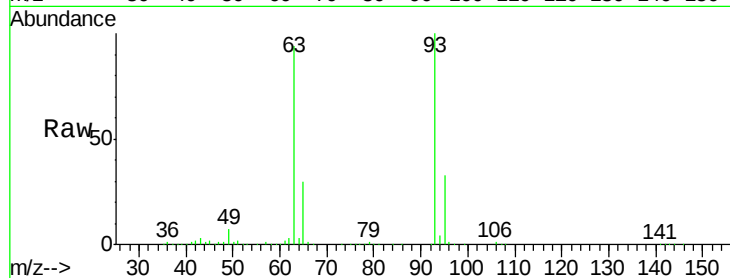
#11
bis(2-Chloroethyl)ether
Concen: 66.48 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	94.2	59.7	99.7	
95	32.9	14.0	54.0	

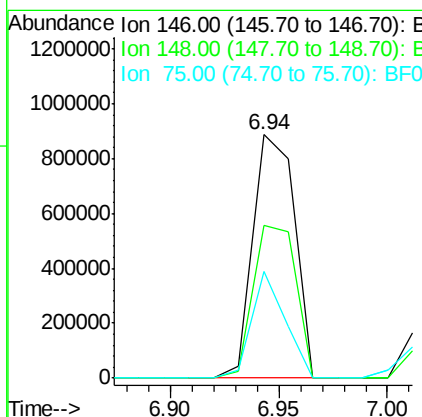
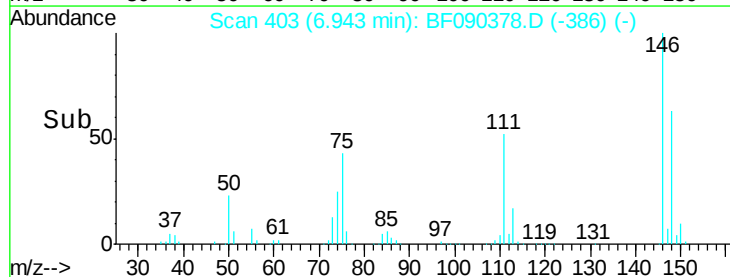
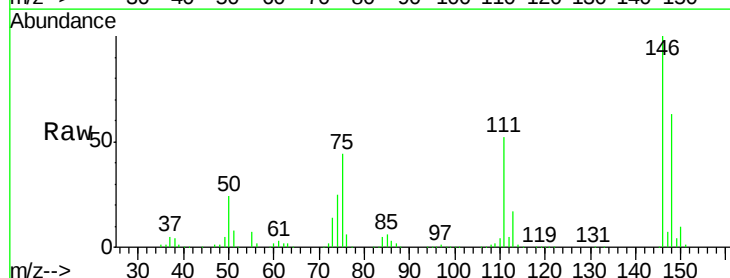
Manual Integrations
APPROVED

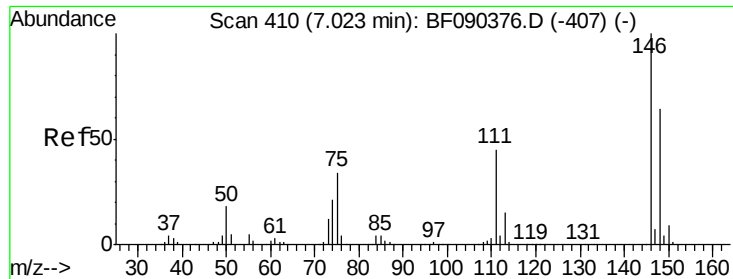
SOHIL
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#12
1,3-Dichlorobenzene
Concen: 57.61 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	62.9	52.2	78.4	
75	43.5	21.4	32.2	





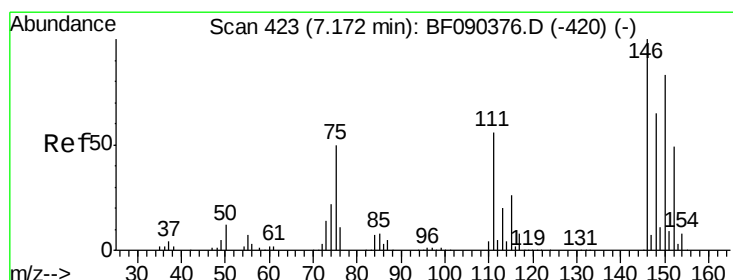
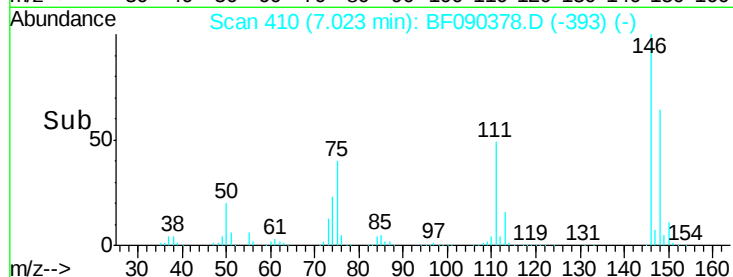
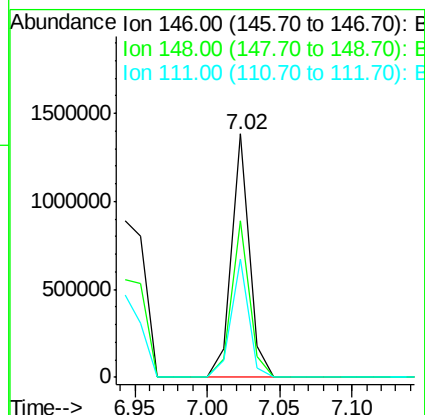
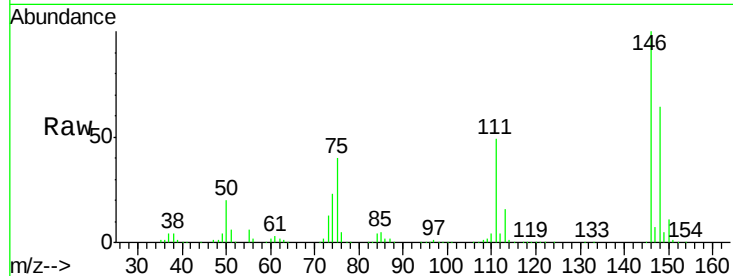
#13
 1,4-Dichlorobenzene
 Concen: 56.37 ng
 RT: 7.02 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:146 Resp: 1181677
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 48.8 37.8 56.6

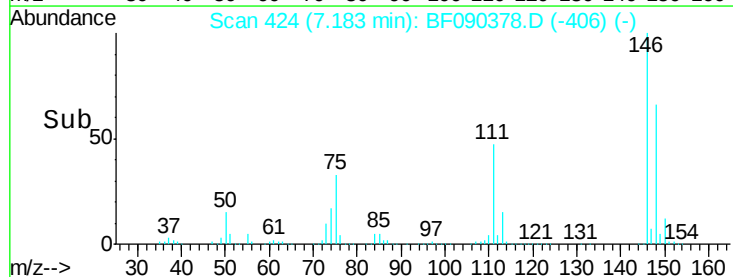
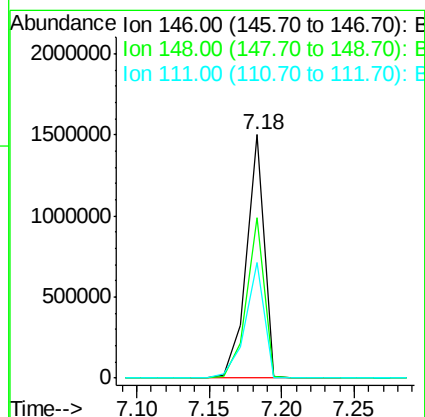
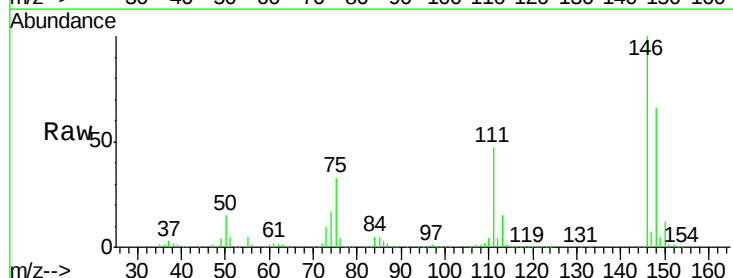
Manual Integrations
 APPROVED

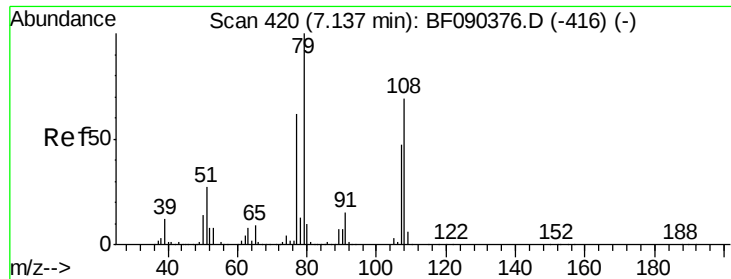
SOHIL
 10/6/2016 5:27:19 PM



#14
 1,2-Dichlorobenzene
 Concen: 63.97 ng
 RT: 7.18 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion:146 Resp: 1274913
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.3 78.5
 111 47.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 70.32 ng

RT: 7.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 79 Resp: 1096096

Ion Ratio Lower Upper

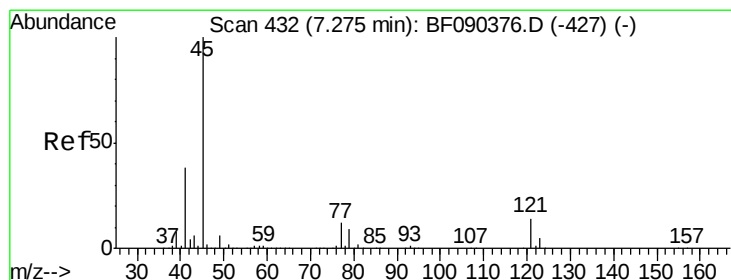
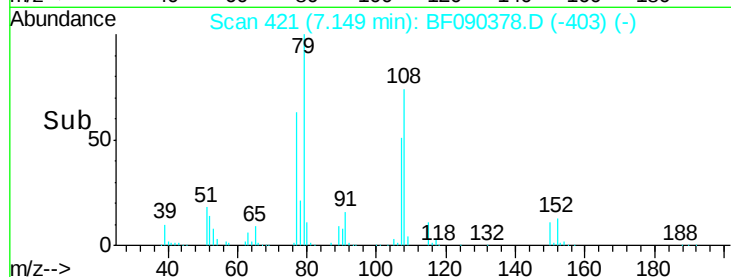
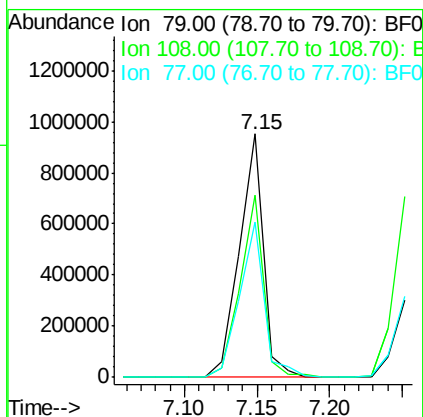
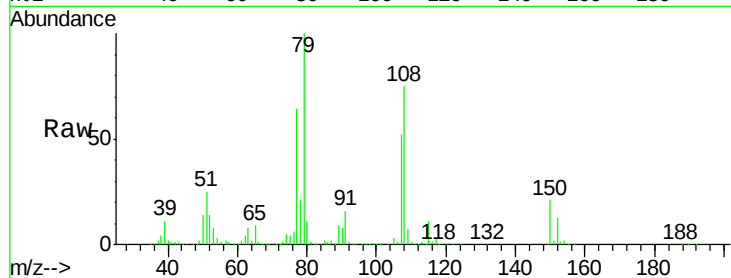
79 100

108 74.8 60.9 91.3

77 63.7 51.5 77.3

Manual Integrations
APPROVED

SOHIL
10/6/2016 5:27:19 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 69.28 ng

RT: 7.29 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

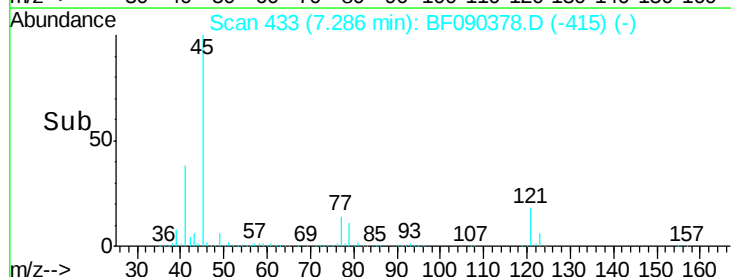
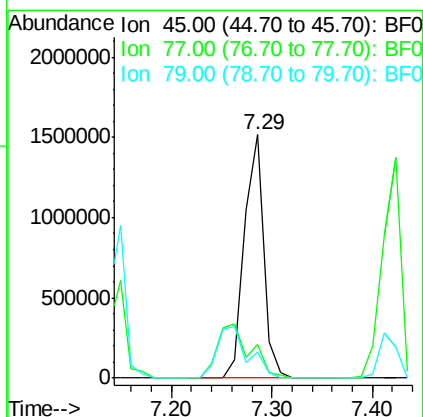
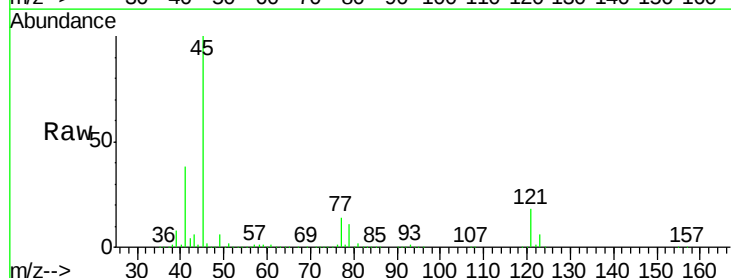
Tgt Ion: 45 Resp: 2022139

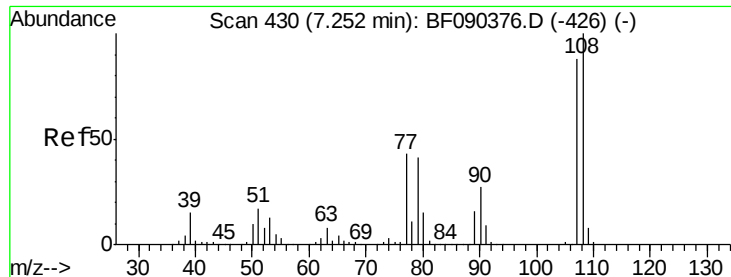
Ion Ratio Lower Upper

45 100

77 13.9 0.0 30.8

79 10.7 0.0 28.2





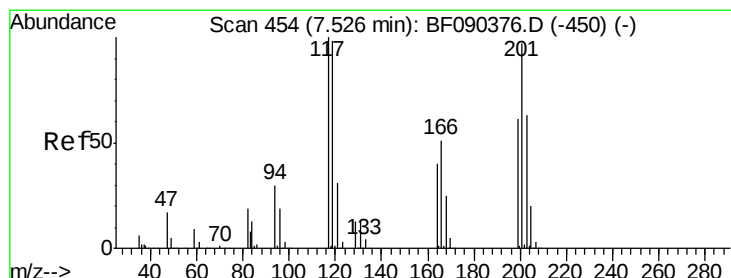
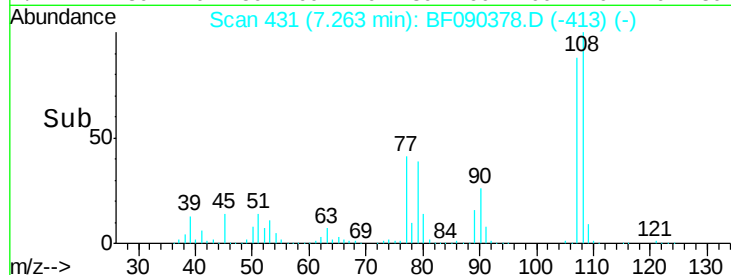
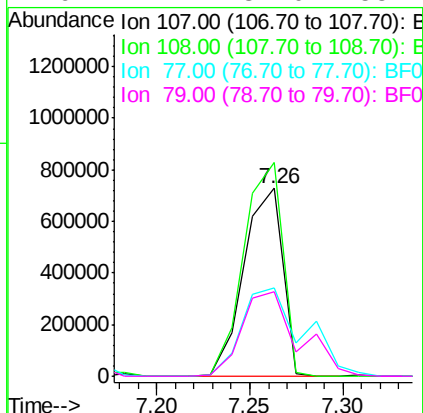
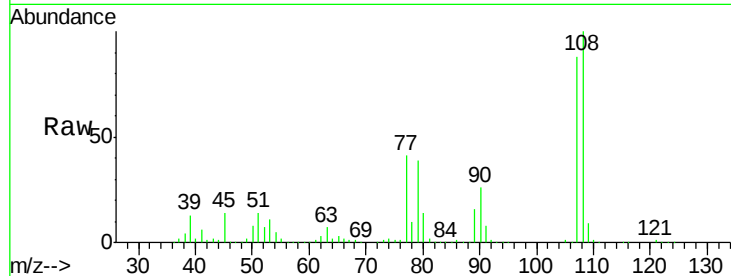
#17
2-Methylphenol
Concen: 68.47 ng
RT: 7.26 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.9	136.3
77	47.0	38.2	57.4
79	44.7	37.0	55.4

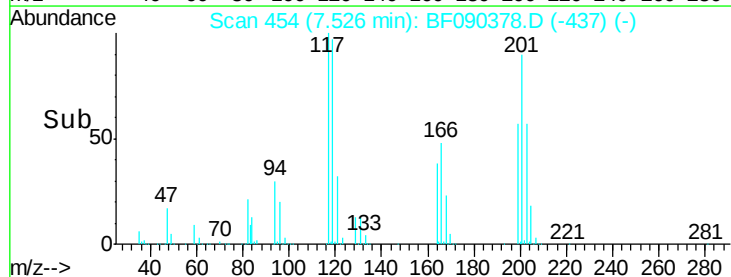
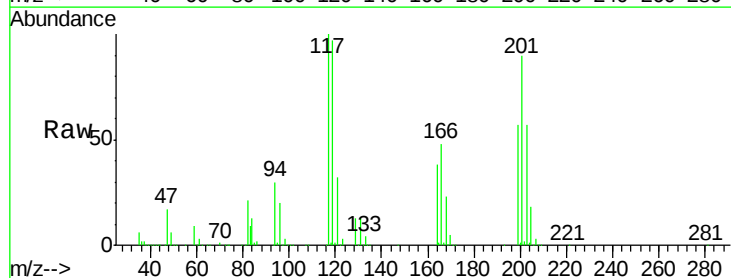
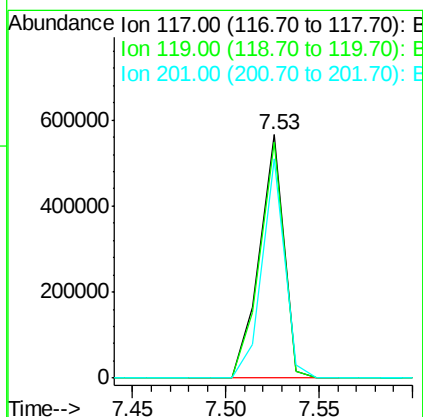
Manual Integrations
APPROVED

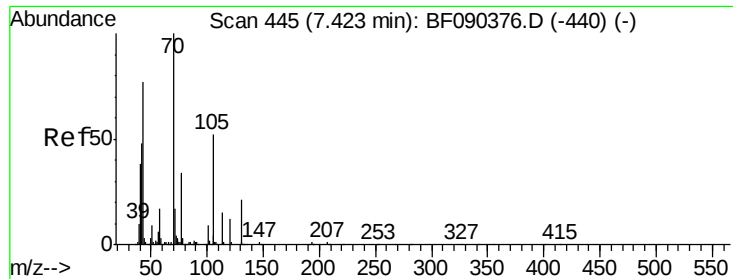
SOHIL
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#18
Hexachloroethane
Concen: 67.55 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.9	113.9
201	90.3	66.5	99.7





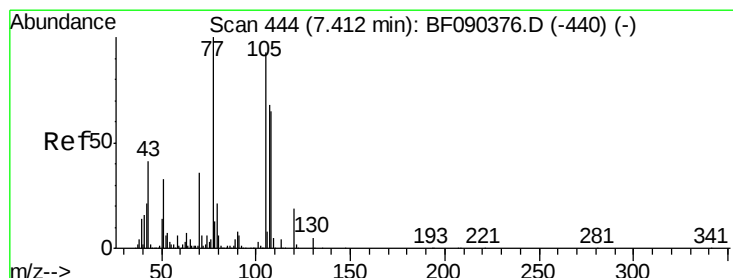
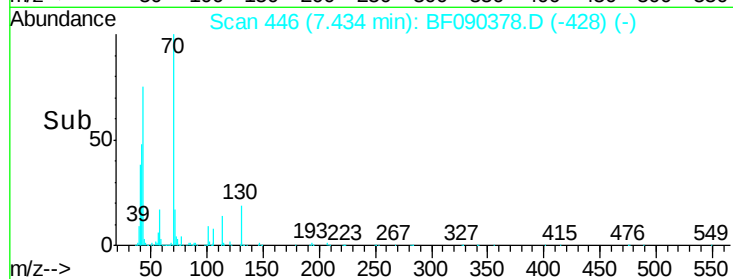
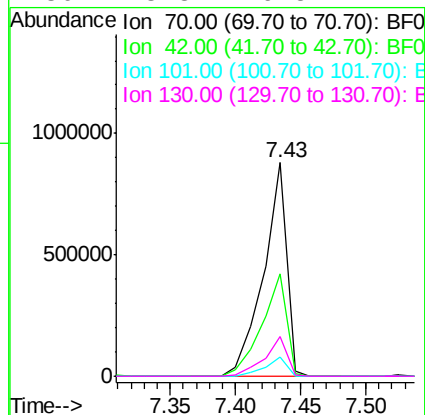
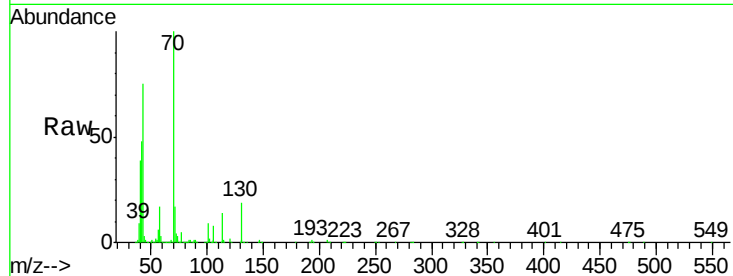
#19
n-Nitroso-di-n-propylamine
Concen: 77.71 ng
RT: 7.43 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.2	55.4	83.2#
101	8.9	7.6	11.4
130	18.8	16.5	24.7

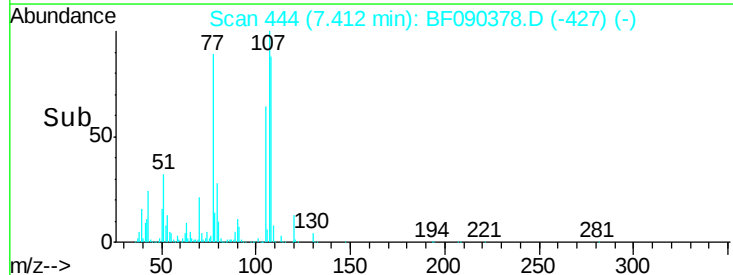
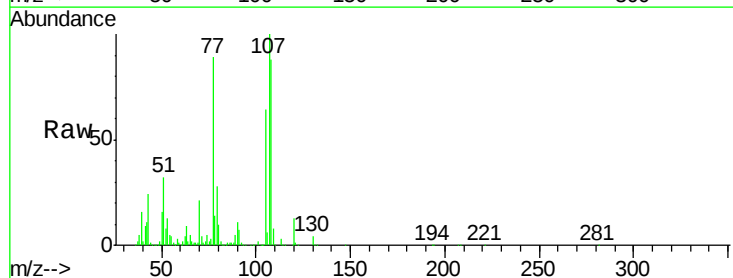
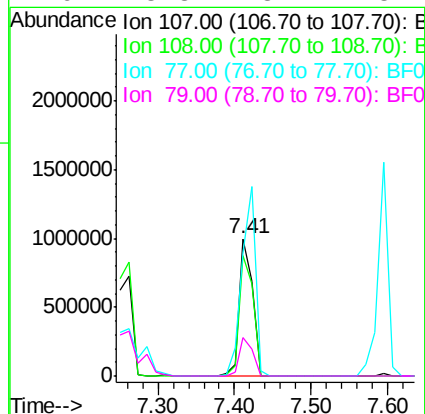
Manual Integrations
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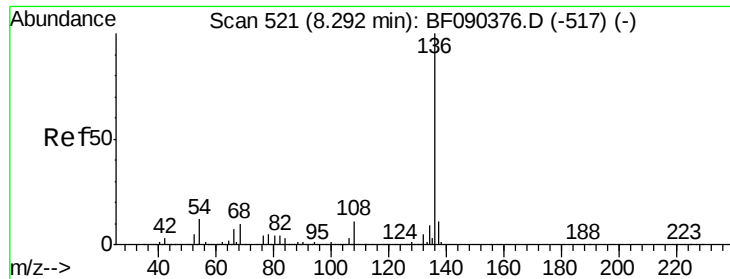
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#20
3+4-Methylphenols
Concen: 62.90 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	66.7	106.7
77	89.3	53.7	93.7
79	28.3	8.4	48.4





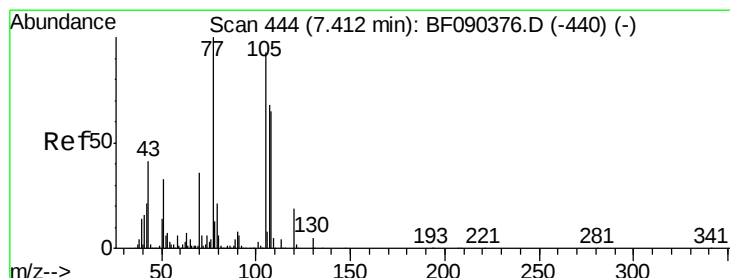
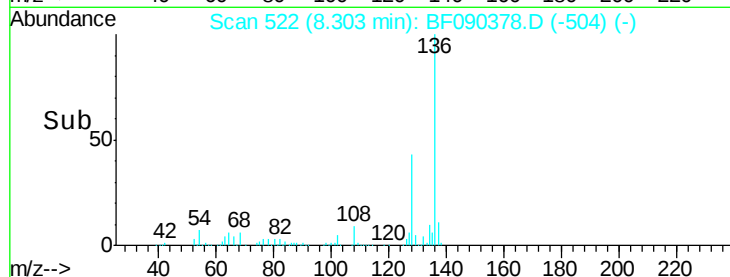
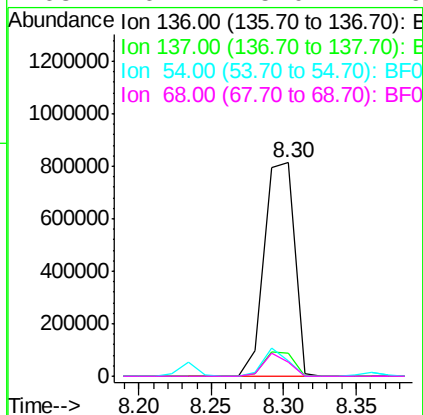
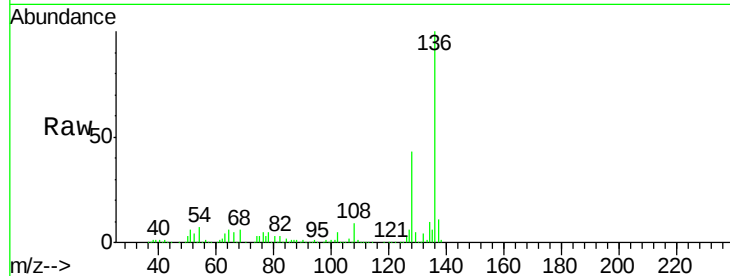
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	136	Resp	1177601
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.0	6.6	10.0
68	6.4	5.0	7.6

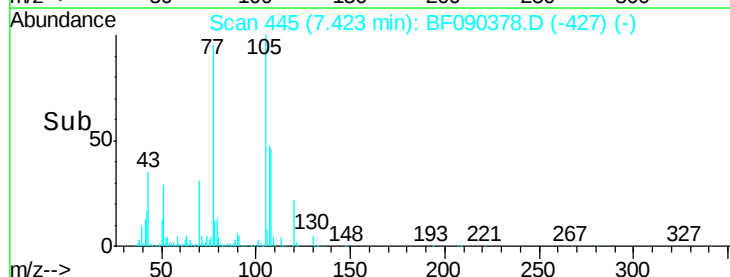
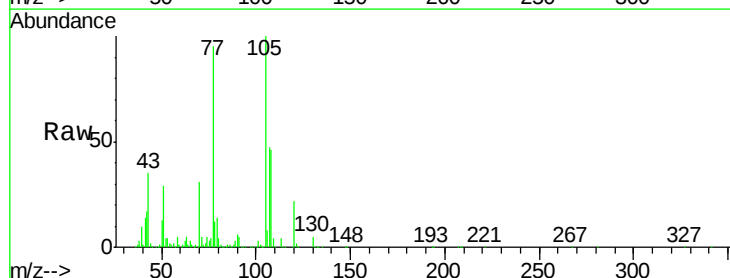
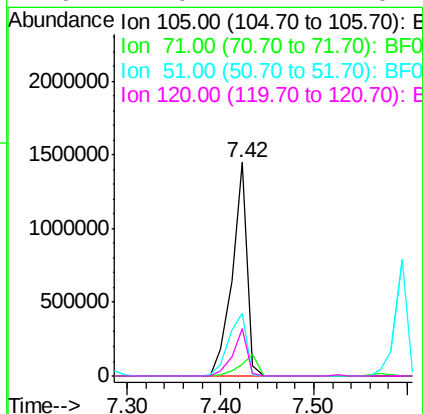
Manual Integrations
APPROVED

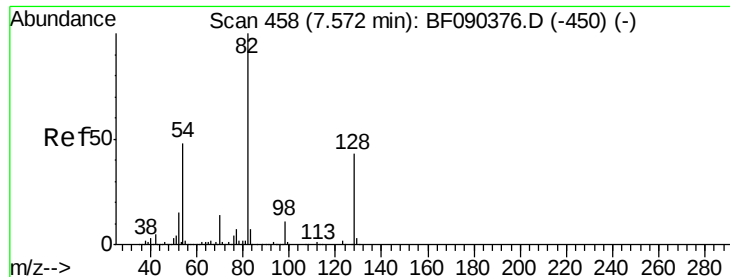
SOHIL
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#22
Acetophenone
Concen: 59.19 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion	105	Resp	1613806
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.8	5.6
51	29.3	28.2	42.4
120	22.0	17.4	26.2





#23

Nitrobenzene-d5

Concen: 142.78 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 2884457

Ion Ratio Lower Upper

82 100

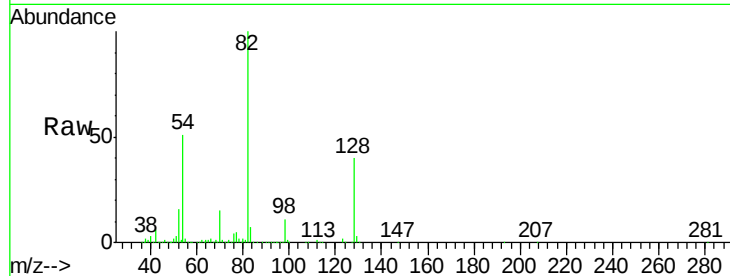
128 39.9 40.0 60.0#

54 51.5 42.6 64.0

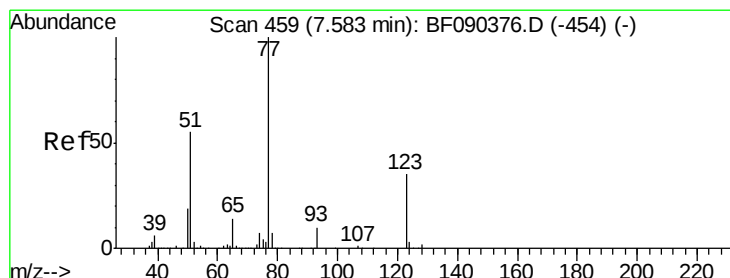
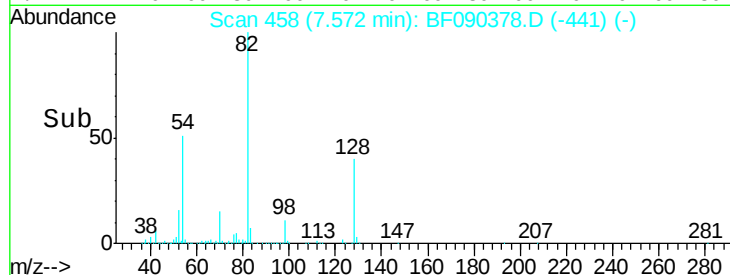
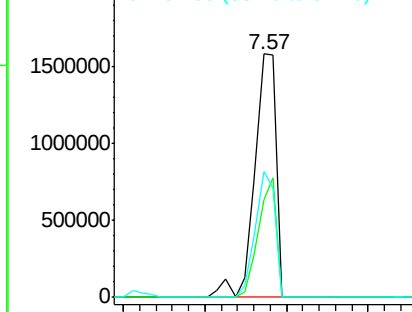
Manual Integrations
APPROVED

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 64.45 ng

RT: 7.59 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

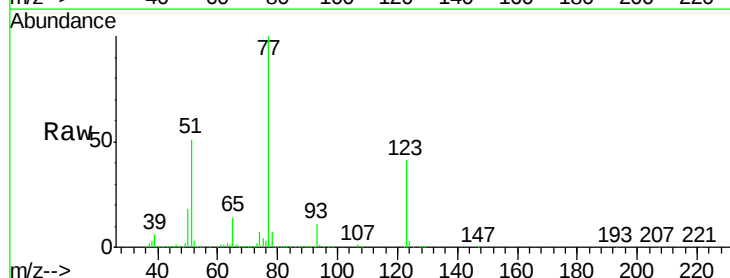
Tgt Ion: 77 Resp: 1390248

Ion Ratio Lower Upper

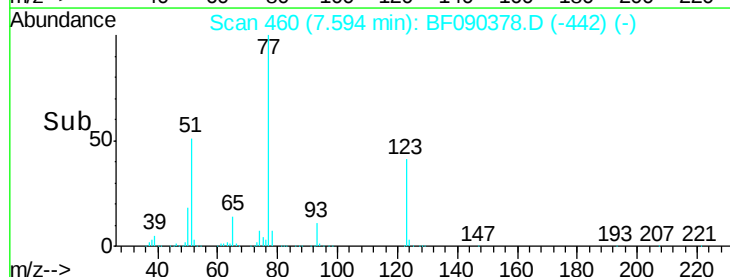
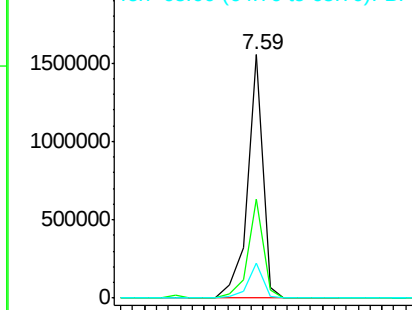
77 100

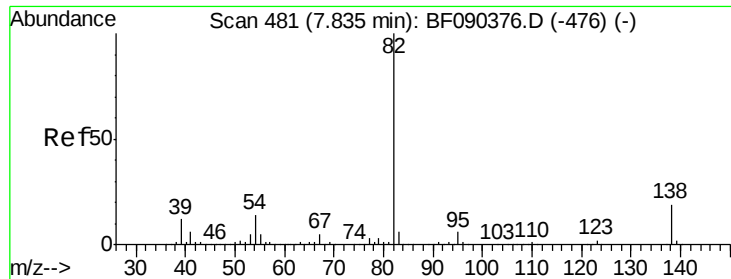
123 40.6 33.0 49.4

65 14.5 12.0 18.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 68.09 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 2616999

Ion Ratio Lower Upper

82 100

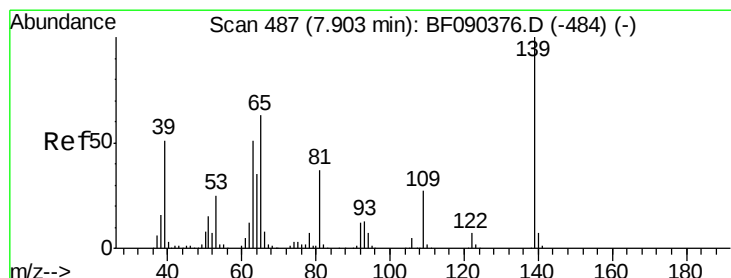
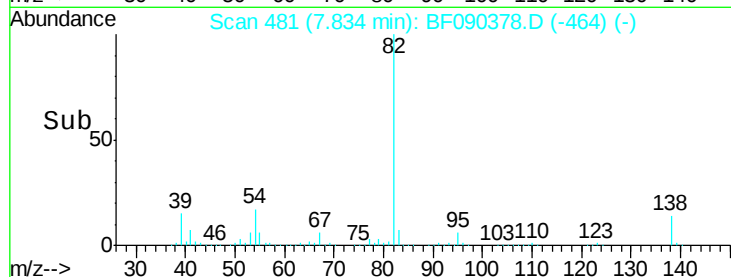
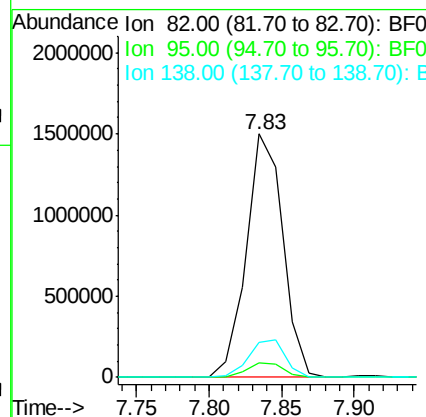
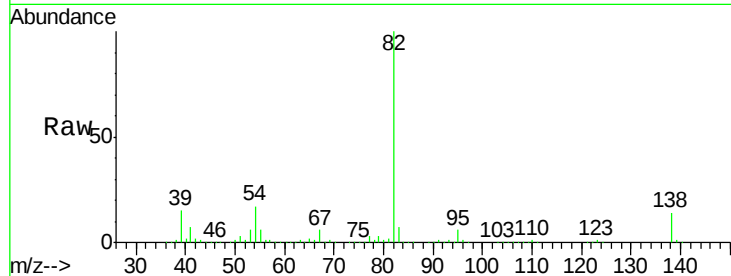
95 6.1 5.2 7.8

138 14.3 13.0 19.4

Manual Integrations
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SOHIL

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#26

2-Nitrophenol

Concen: 80.44 ng

RT: 7.91 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

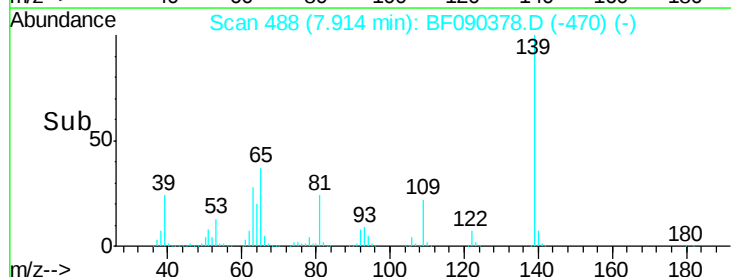
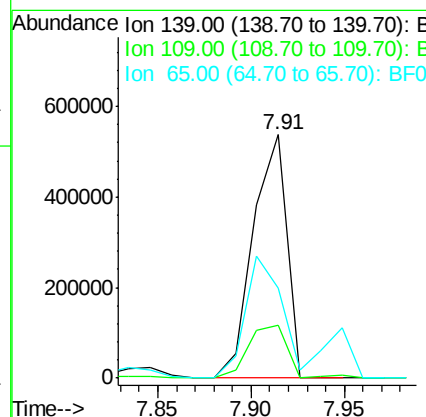
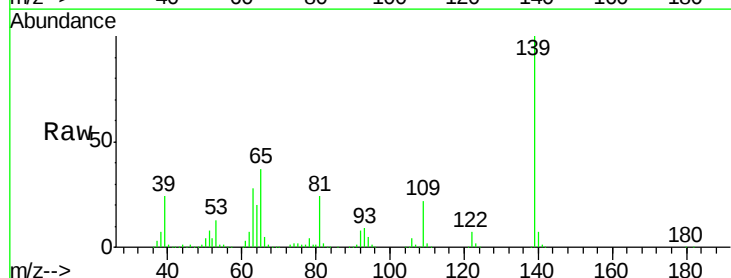
Tgt Ion: 139 Resp: 669552

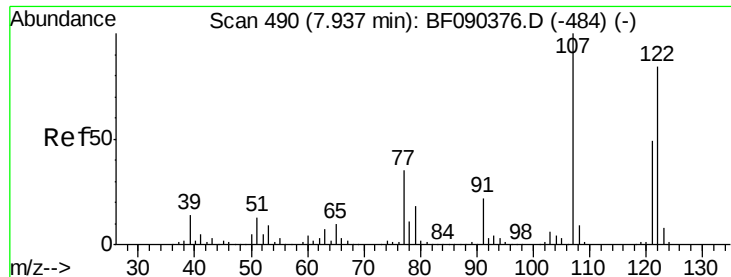
Ion Ratio Lower Upper

139 100

109 21.9 18.9 28.3

65 36.7 31.6 47.4





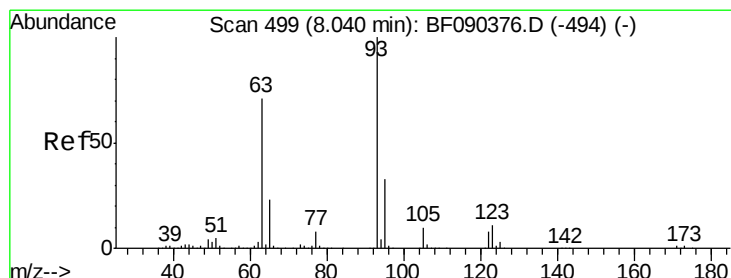
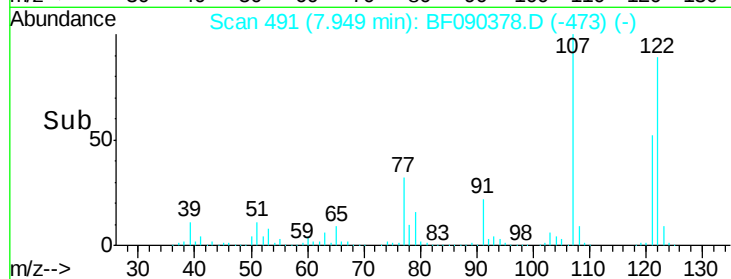
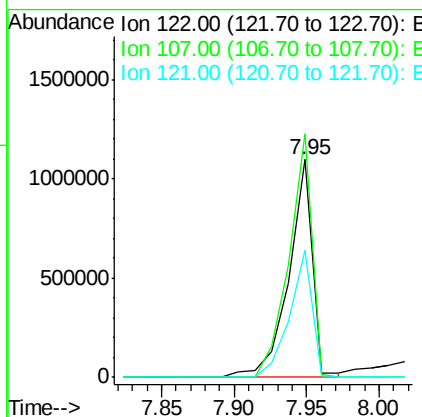
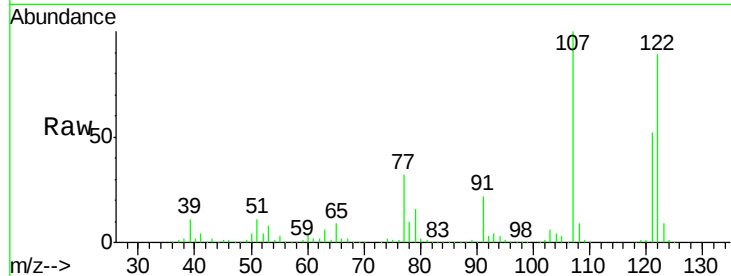
#27
 2,4-Dimethylphenol
 Concen: 65.94 ng
 RT: 7.95 min Scan# 491
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:122 Resp: 1238213
 Ion Ratio Lower Upper
 122 100
 107 111.8 88.6 132.8
 121 58.6 47.5 71.3

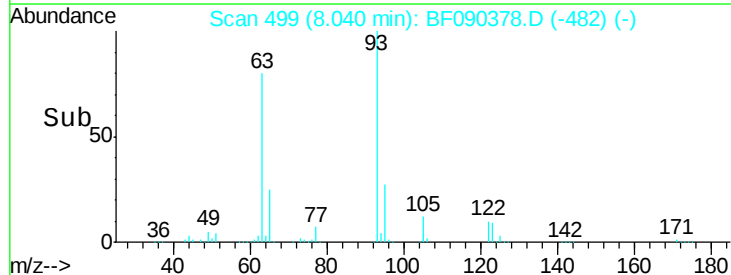
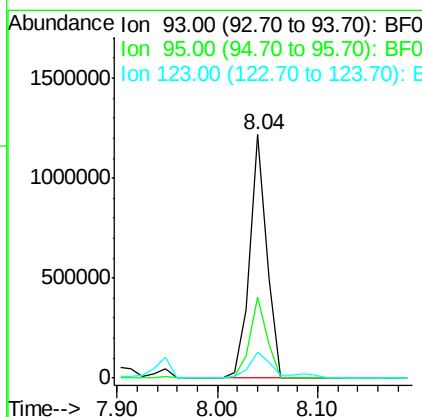
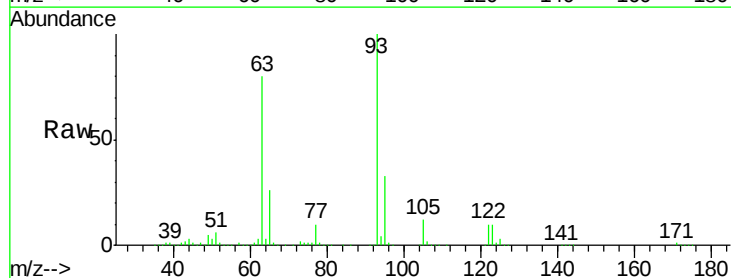
Manual Integrations
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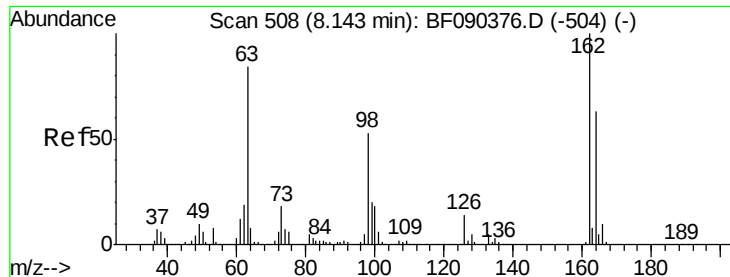
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#28
 bis(2-Chloroethoxy)methane
 Concen: 60.02 ng
 RT: 8.04 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion: 93 Resp: 1432427
 Ion Ratio Lower Upper
 93 100
 95 33.4 27.0 40.4
 123 10.5 11.1 16.7#





#29

2,4-Dichlorophenol

Concen: 64.01 ng

RT: 8.15 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

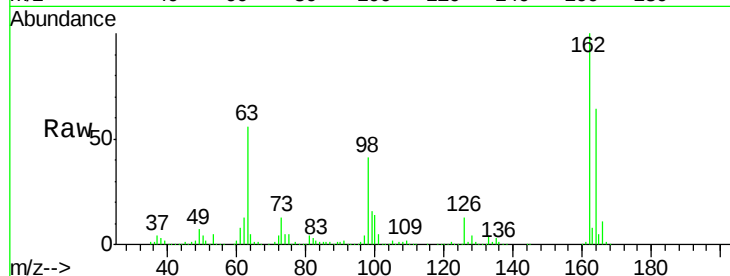
ClientSampleId :

SSTDIC060

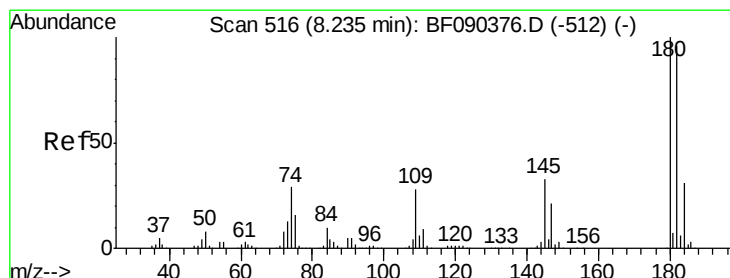
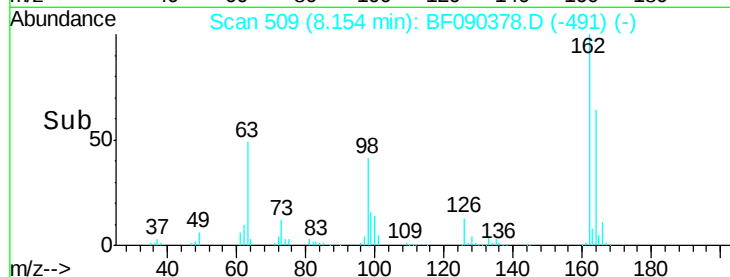
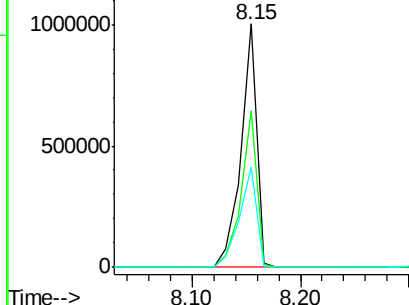
Tot Ion:	162	Resp:	983976
Ion Ratio	Lower	Upper	
162	100		
164	64.4	45.7	85.7
98	41.1	13.3	53.3

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



#30

1,2,4-Trichlorobenzene

Concen: 53.12 ng

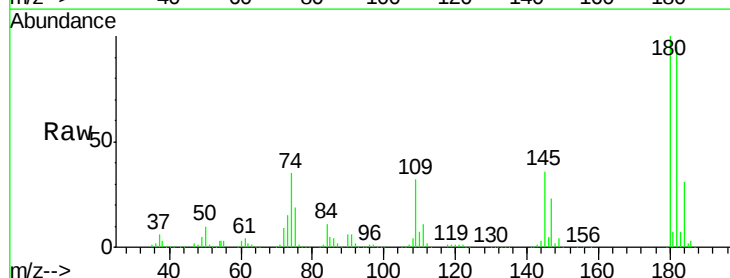
RT: 8.23 min Scan# 516

Delta R.T. -0.00 min

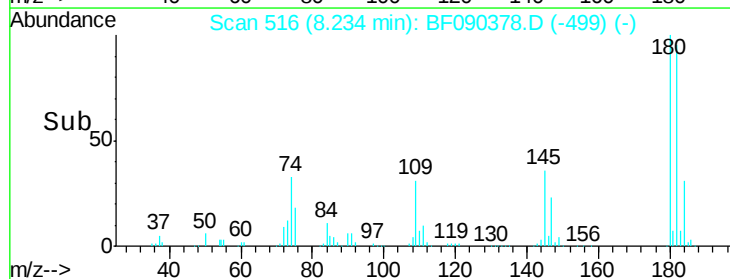
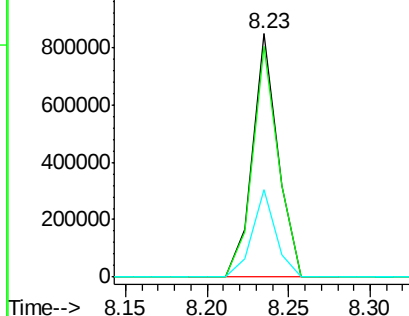
Lab File: BF090378.D

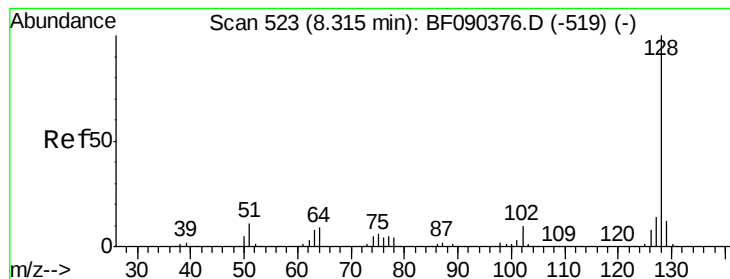
Acq: 5 Oct 2016 13:47

Tgt Ion:	180	Resp:	914664
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.3	112.9
145	35.9	27.7	41.5



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





#31

Naphthalene

Concen: 57.69 ng

RT: 8.33 min Scan# 524

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:128 Resp: 3247363

Ion Ratio Lower Upper

128 100

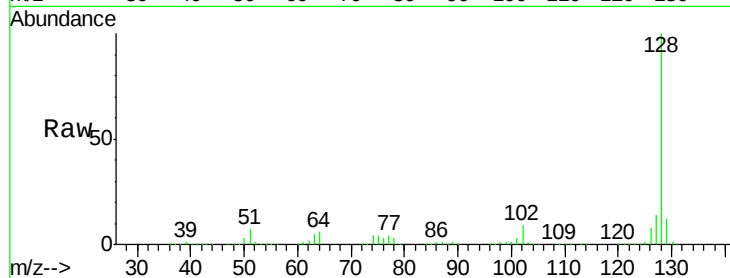
129 11.7 9.7 14.5

127 14.1 11.7 17.5

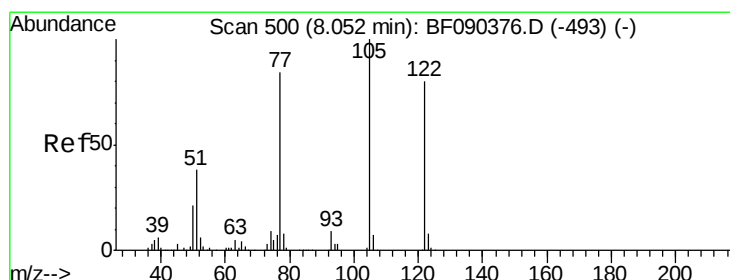
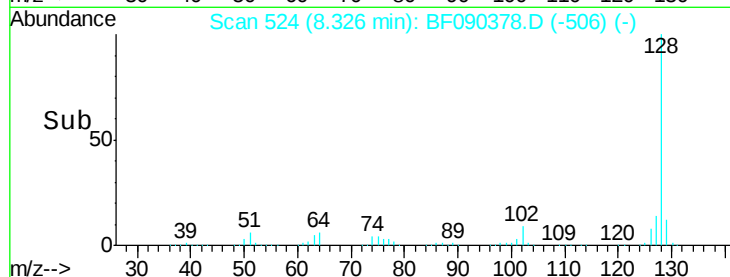
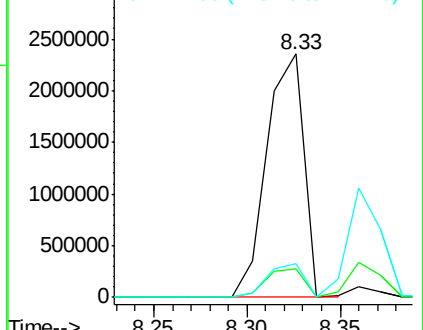
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 88.49 ng

RT: 8.10 min Scan# 504

Delta R.T. 0.05 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

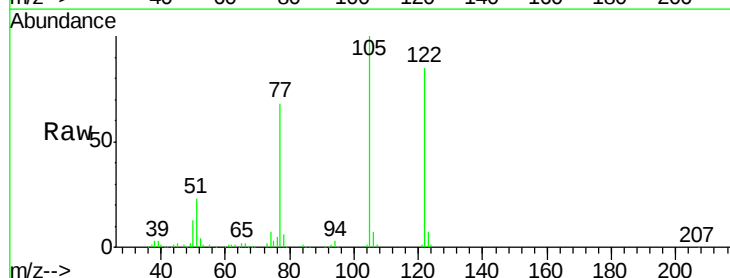
Tgt Ion:122 Resp: 977211

Ion Ratio Lower Upper

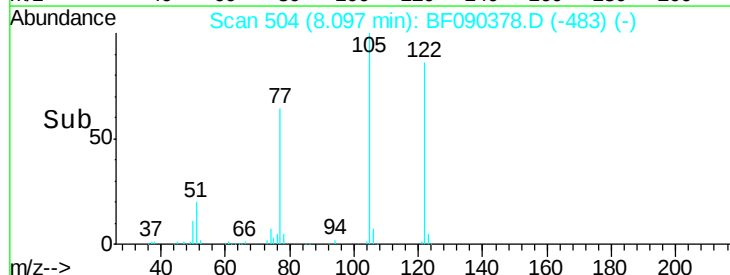
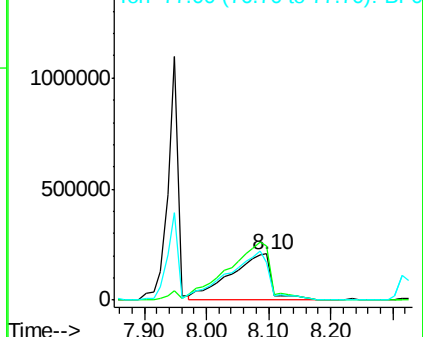
122 100

105 117.2 103.9 143.9

77 79.8 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





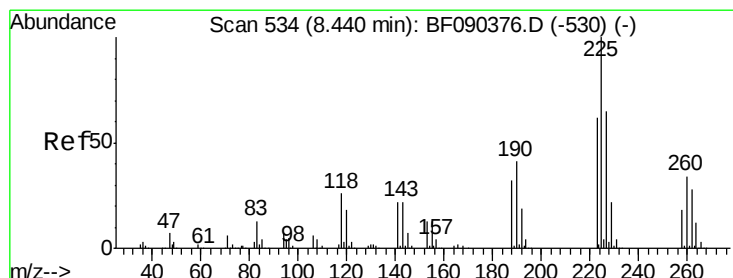
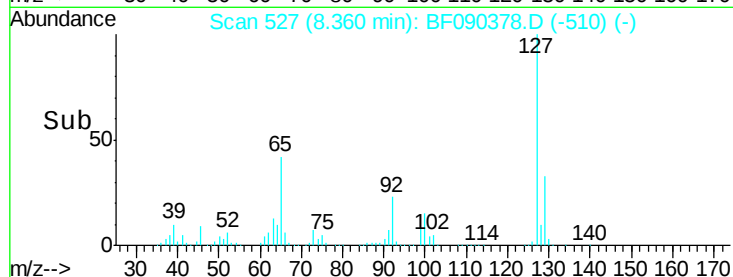
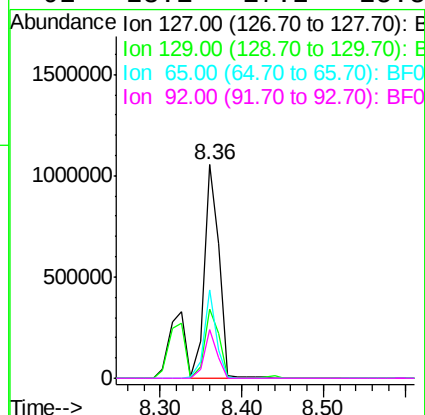
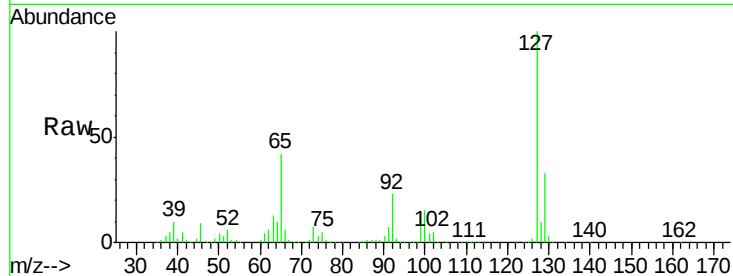
#33
4-Chloroaniline
Concen: 59.41 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:	127	Resp:	1335822
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	41.7	32.5	48.7
92	23.1	17.2	25.8

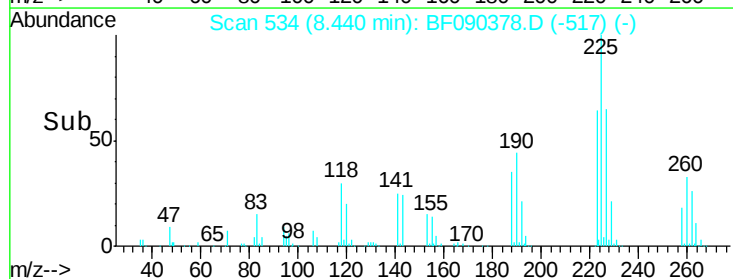
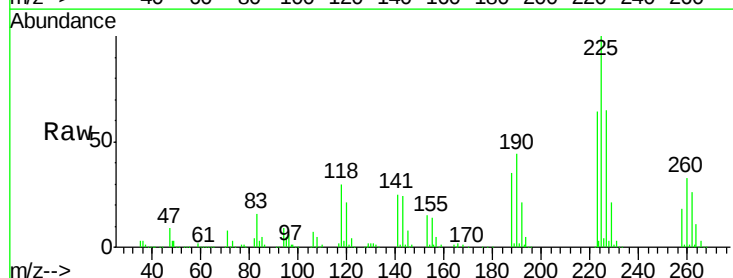
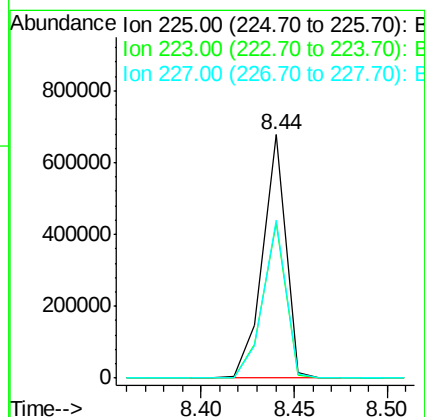
Manual Integrations
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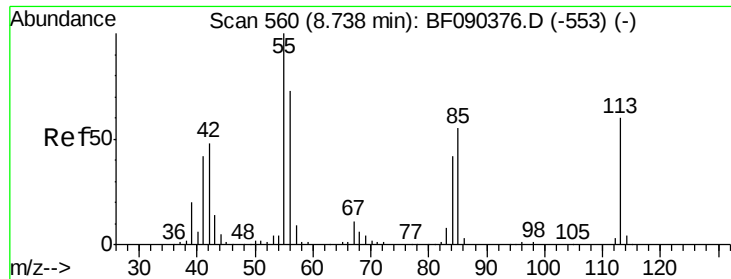
SOHIL
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#34
Hexachlorobutadiene
Concen: 57.38 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:	225	Resp:	581525
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.4
227	65.1	50.8	76.2





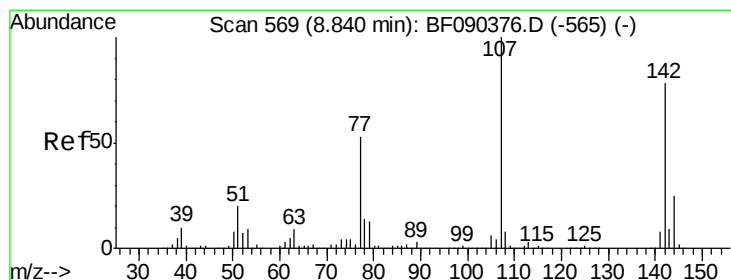
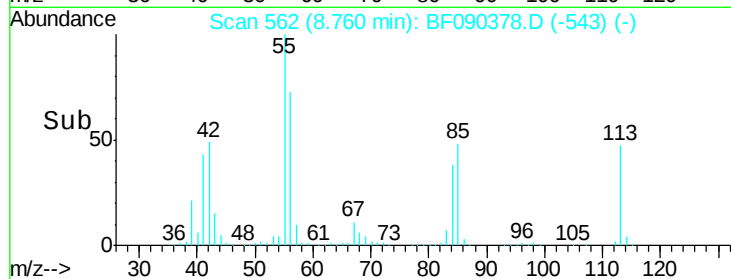
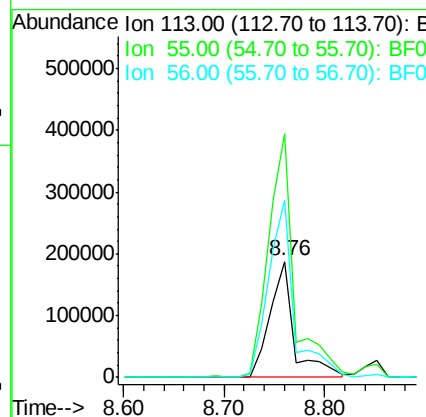
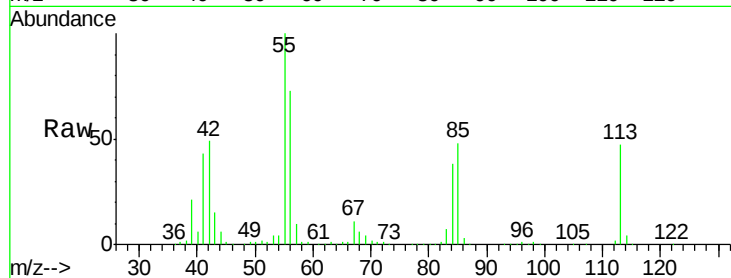
#35
Caprolactam
Concen: 77.71 ng
RT: 8.76 min Scan# 562
Delta R.T. 0.02 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
113	100		
55	210.5	203.3	243.3
56	153.6	140.5	180.5

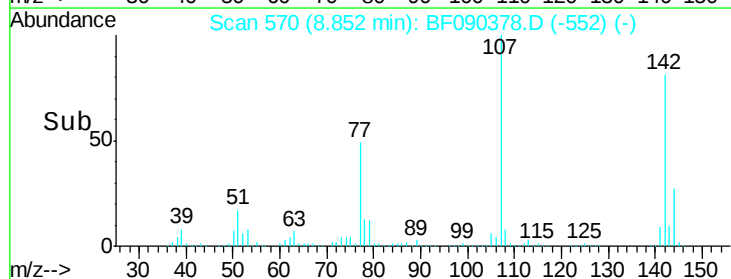
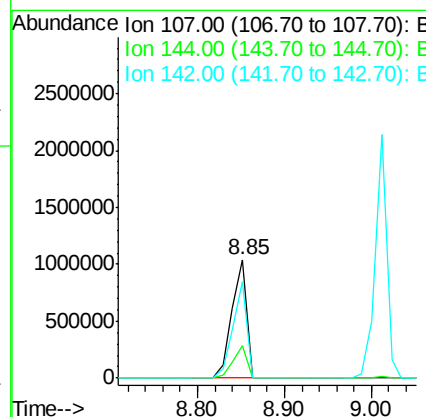
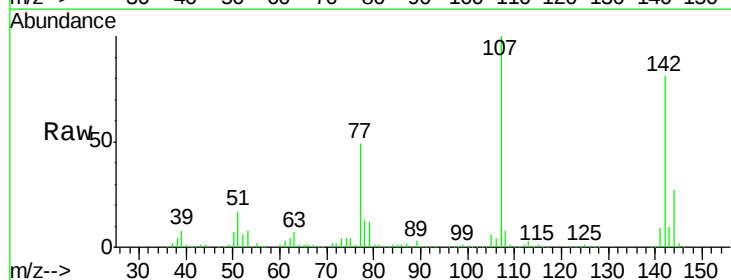
Manual Integrations
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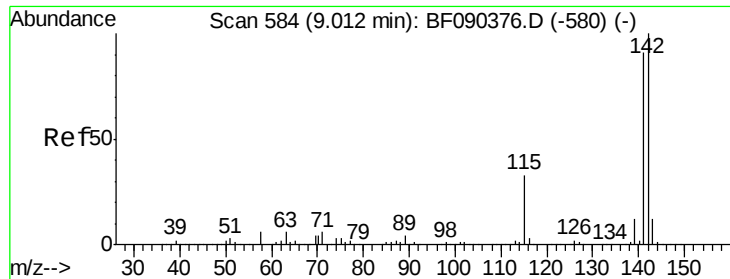
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#36
4-Chloro-3-methylphenol
Concen: 74.57 ng
RT: 8.85 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	19.8	29.8
142	81.3	60.7	91.1





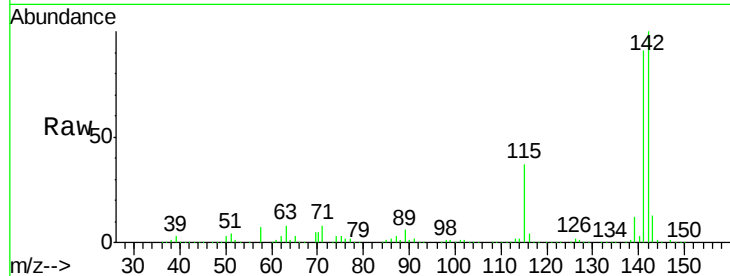
#37
2-Methylnaphthalene
Concen: 55.04 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.8	107.8
115	36.7	28.8	43.2

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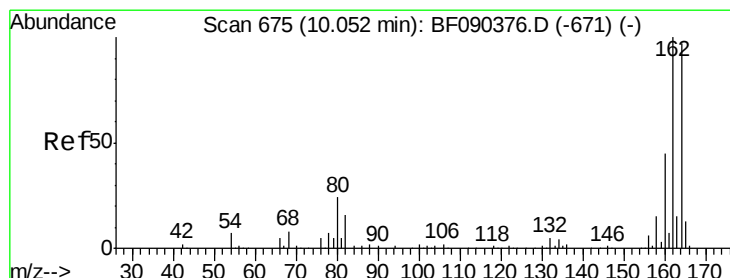
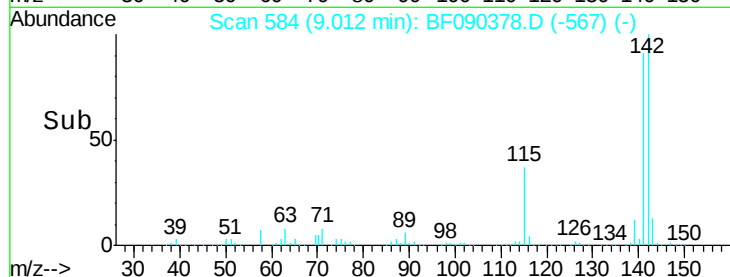
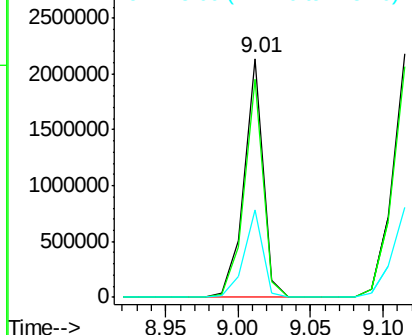


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

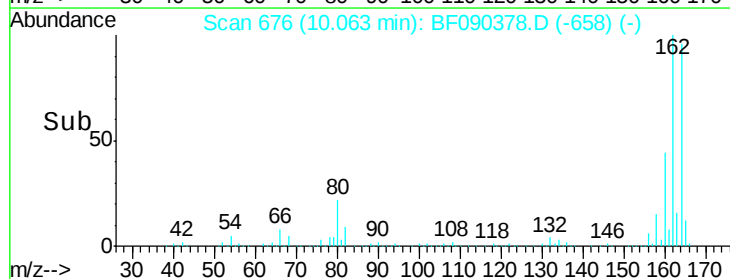
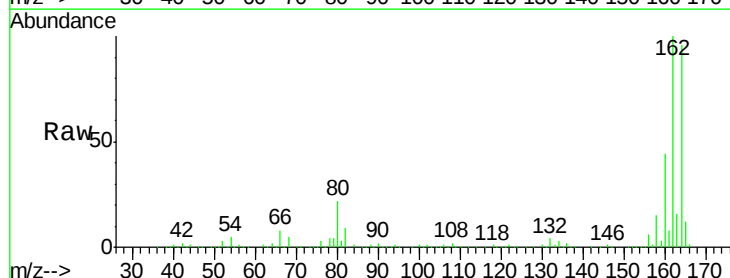
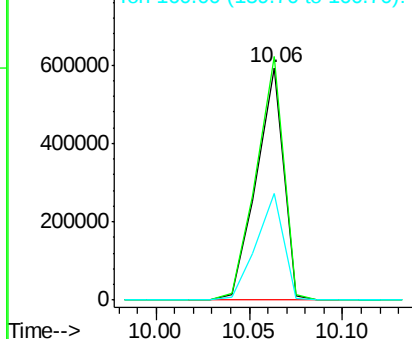
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.1	120.1
160	45.9	36.3	54.5

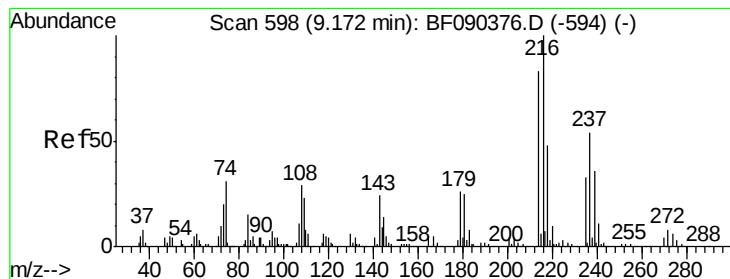
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 62.55 ng

RT: 9.18 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:216 Resp: 1059252

Ion Ratio Lower Upper

216 100

214 79.4 64.2 96.2

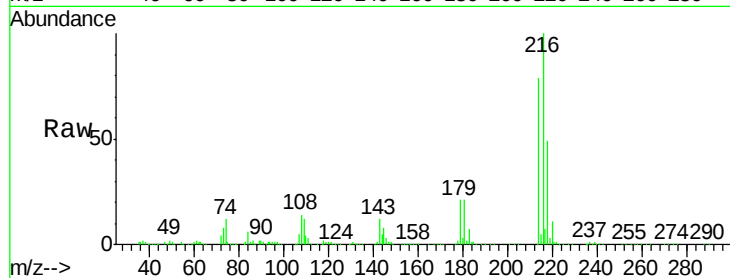
179 22.6 18.0 27.0

108 19.9 15.2 22.8

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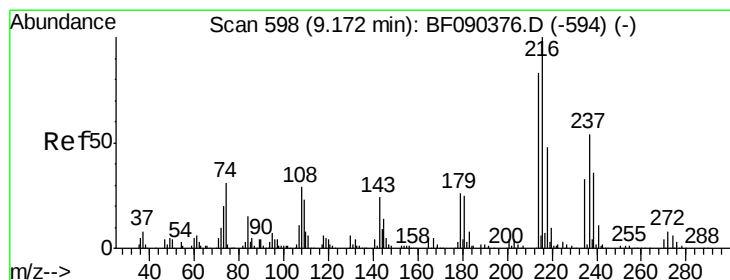
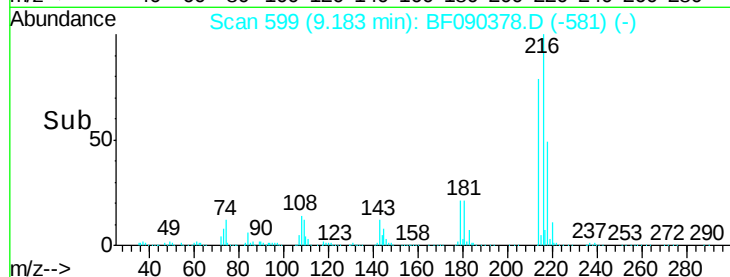
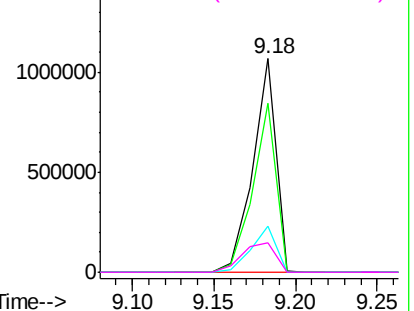


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 60.19 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

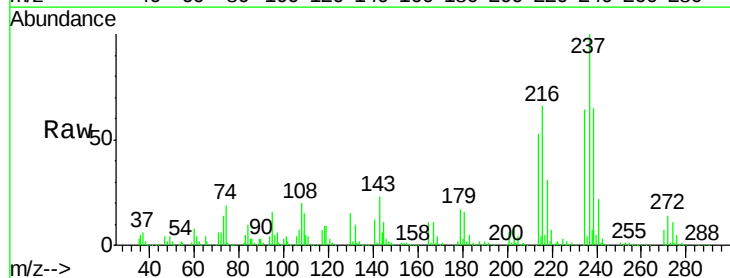
Tgt Ion:237 Resp: 596124

Ion Ratio Lower Upper

237 100

235 64.4 43.6 83.6

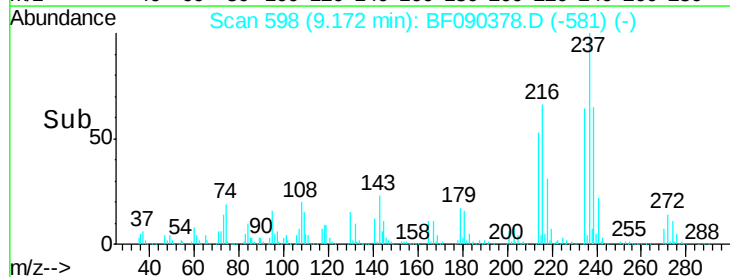
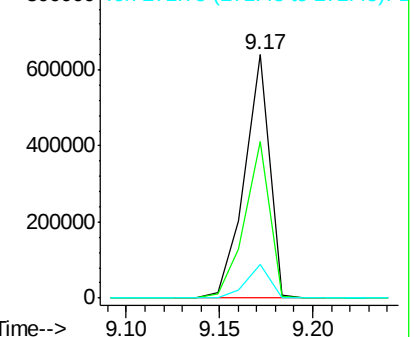
272 13.8 0.0 32.7

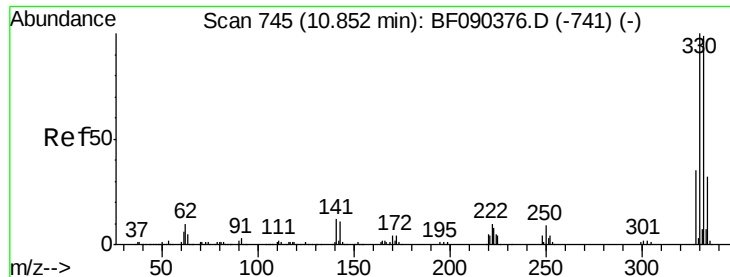


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





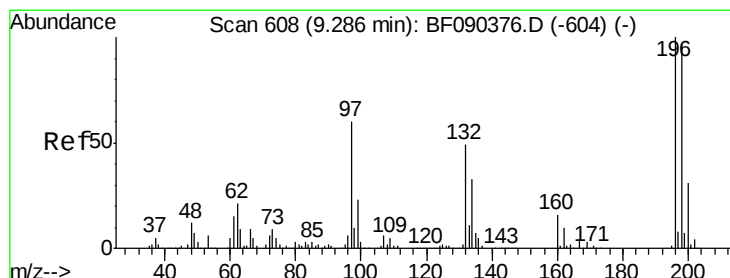
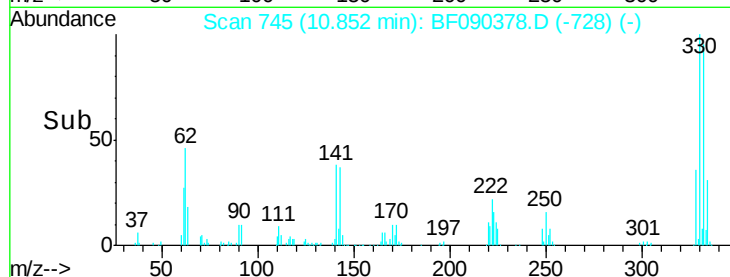
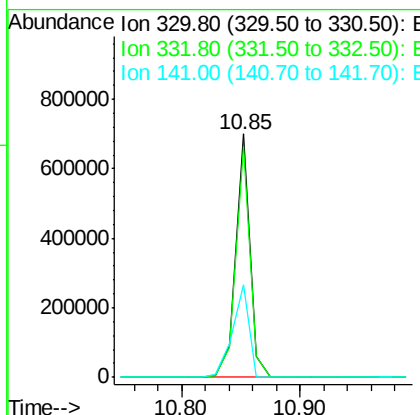
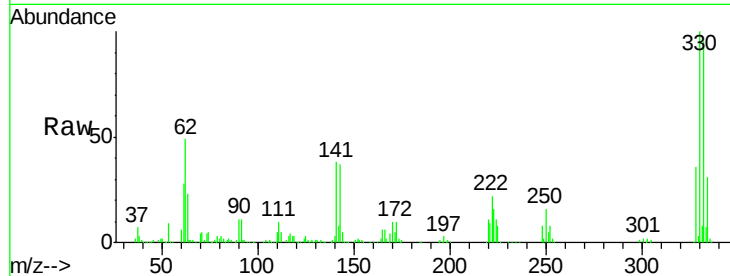
#41
 2,4,6-Tribromophenol
 Concen: 113.05 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
330	100	589108		
332	95.4		75.4	113.0
141	43.4		26.9	40.3#

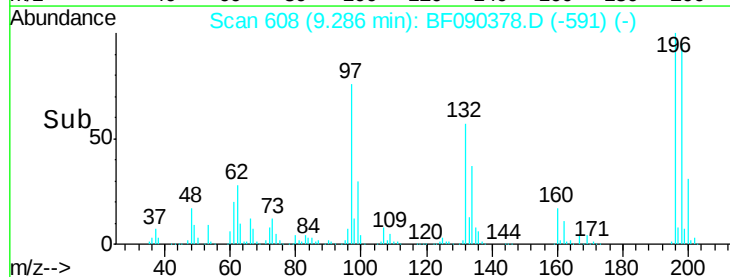
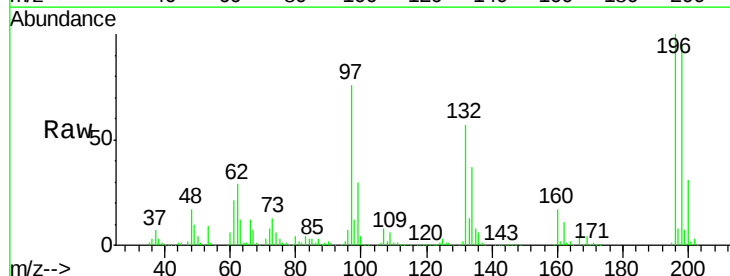
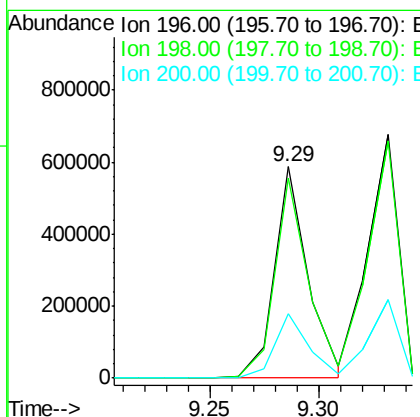
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 59.52 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	634088		
198	94.7		78.9	118.3
200	30.6		25.4	38.2





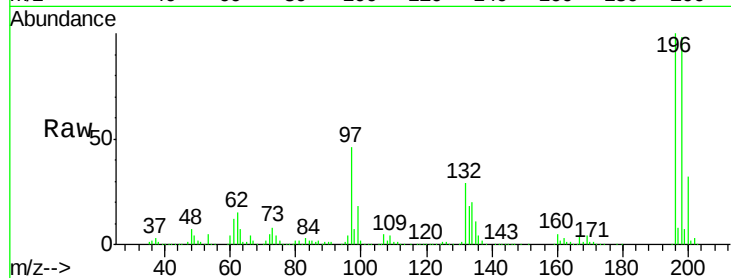
#43
 2,4,5-Trichlorophenol
 Concen: 61.82 ng
 RT: 9.33 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	662683		
198	97.5	78.1	117.1	
97	46.0	48.1	72.1	
132	28.8	27.4	41.2	

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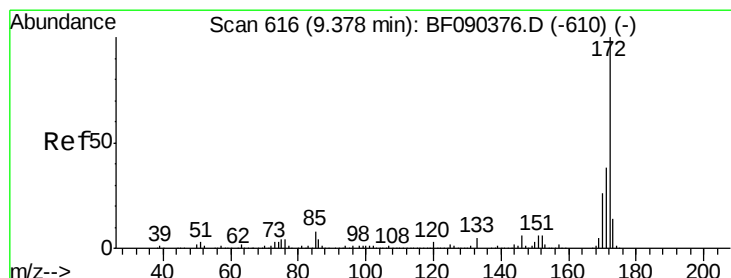
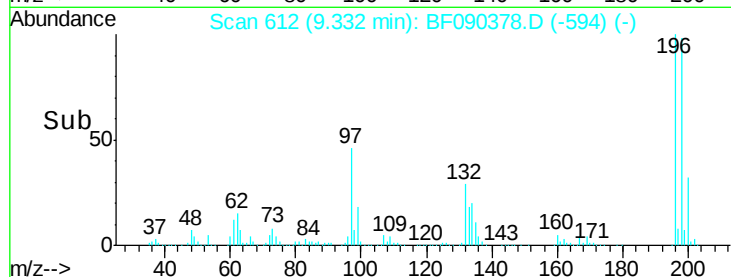
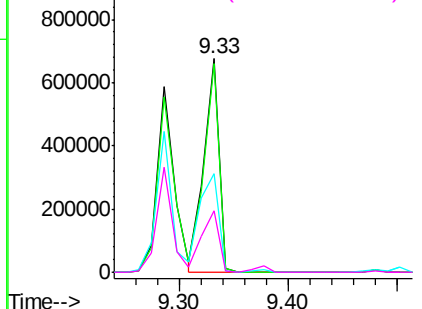
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

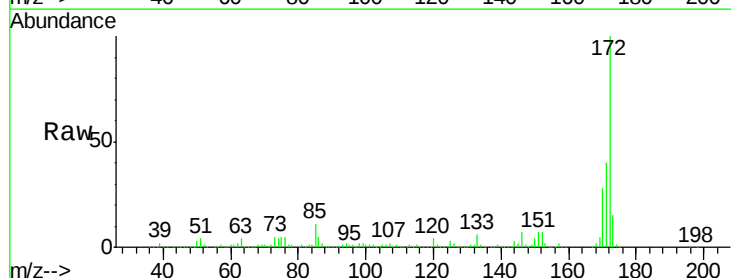
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.84 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3490008		
171	39.9	31.8	47.8	
170	27.5	21.7	32.5	

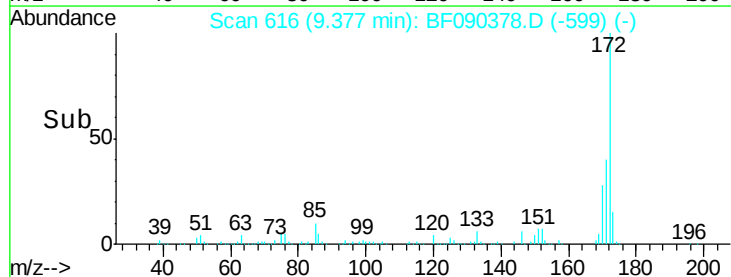
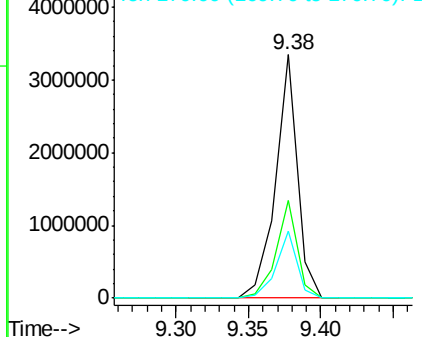


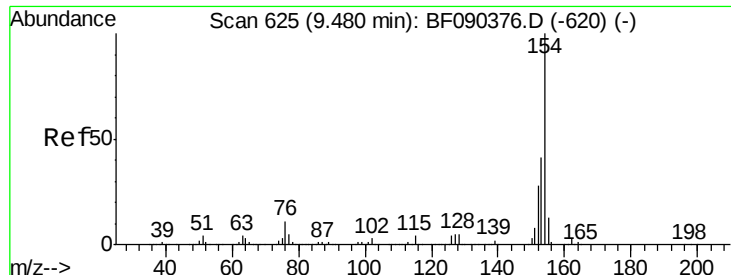
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





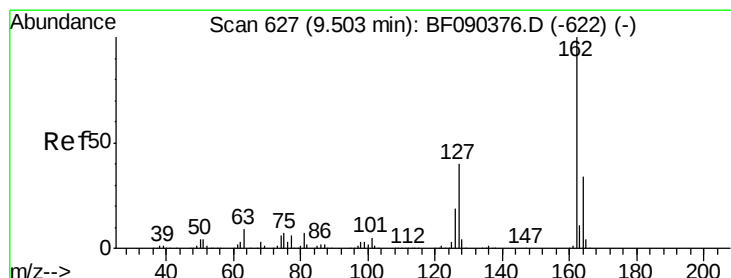
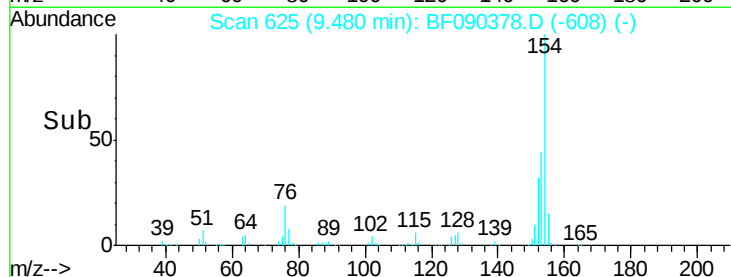
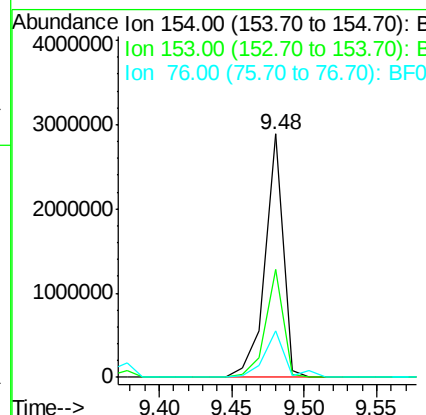
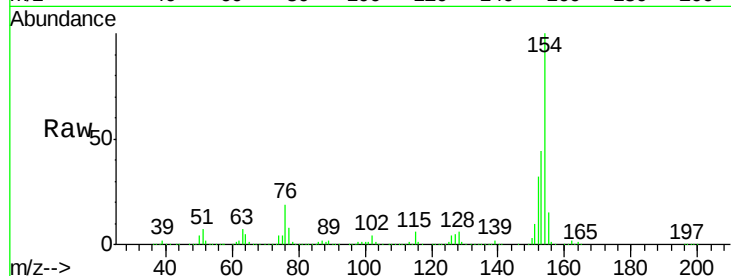
#45
 1,1'-Biphenyl
 Concen: 53.77 ng
 RT: 9.48 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.2	23.8	63.8
76	18.9	0.0	35.8

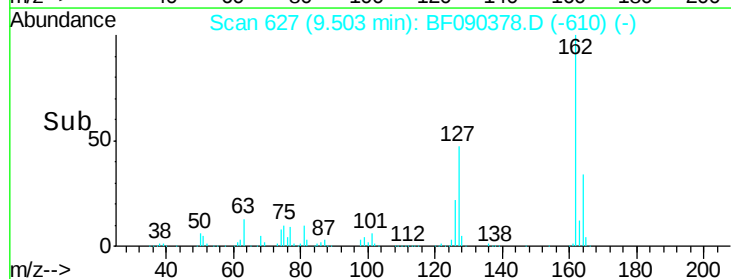
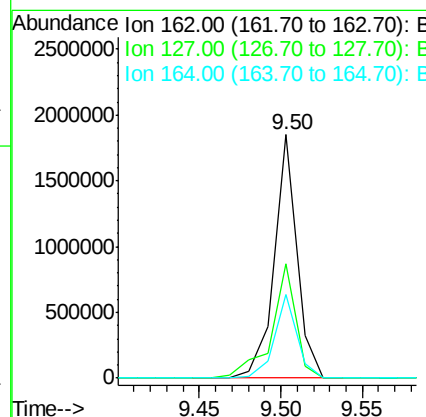
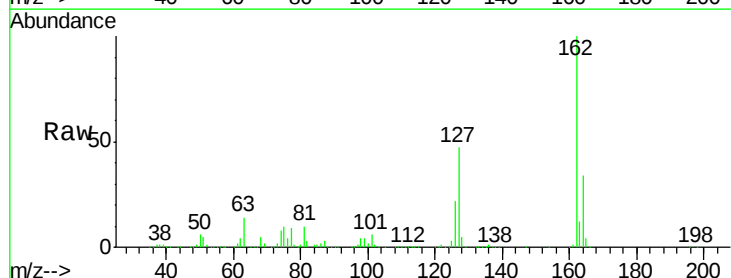
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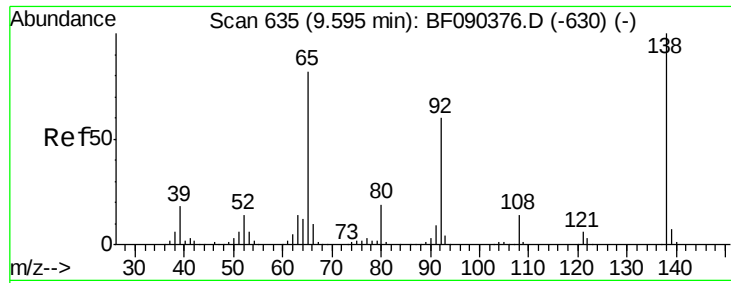
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#46
 2-Chloronaphthalene
 Concen: 51.40 ng
 RT: 9.50 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.9	35.6	53.4
164	34.5	27.5	41.3





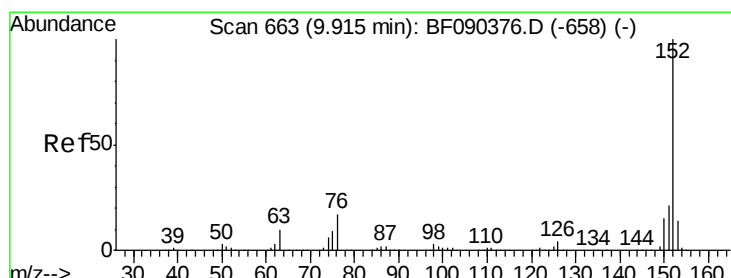
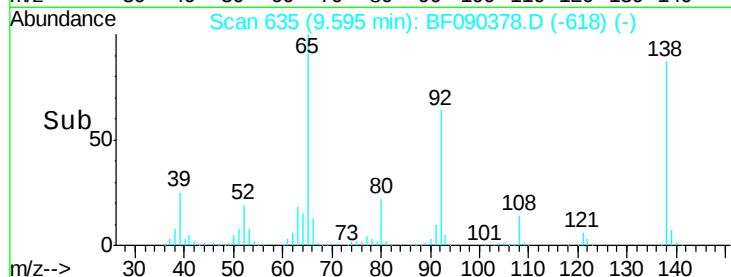
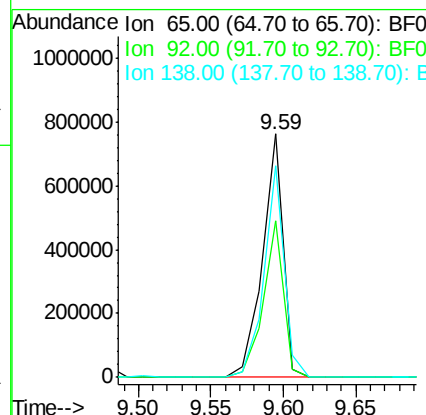
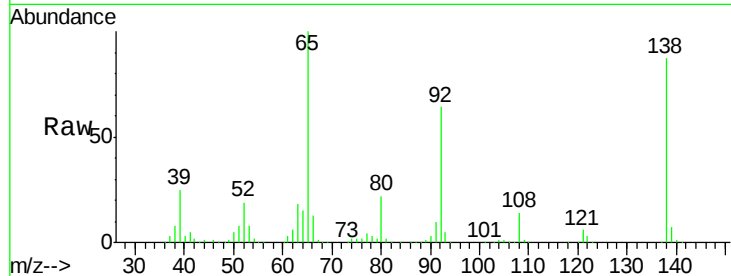
#47
2-Nitroaniline
Concen: 78.57 ng
RT: 9.59 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.1	51.7	77.5
138	86.7	79.0	118.4

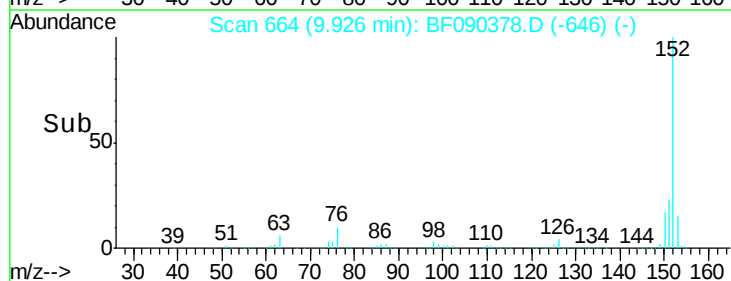
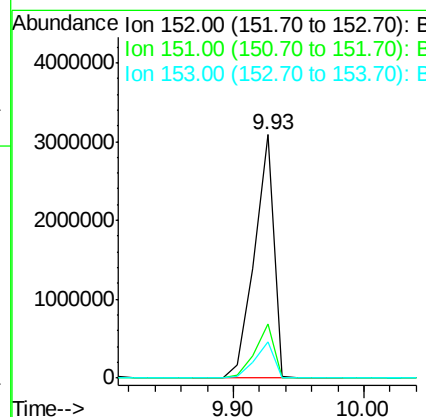
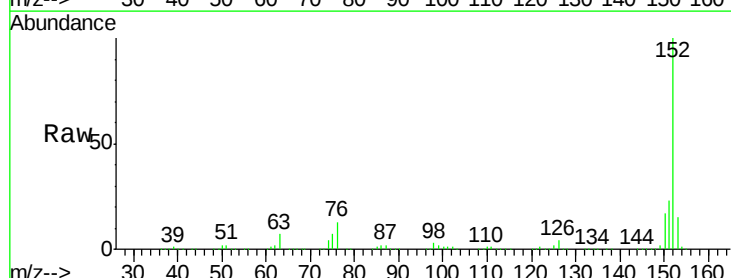
Manual Integrations
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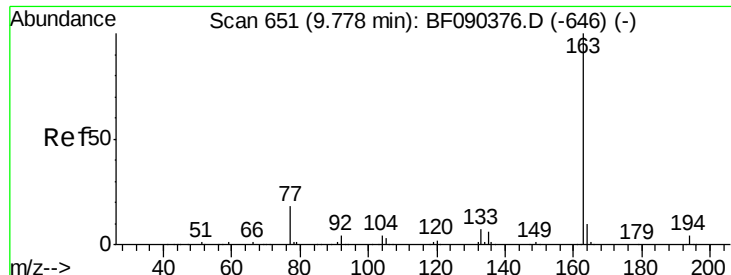
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#48
Acenaphthylene
Concen: 60.48 ng
RT: 9.93 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.4	26.0
153	14.9	11.6	17.4





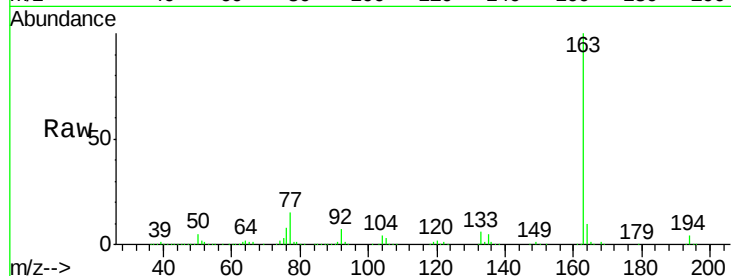
#49
Dimethylphthalate
Concen: 62.63 ng
RT: 9.79 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

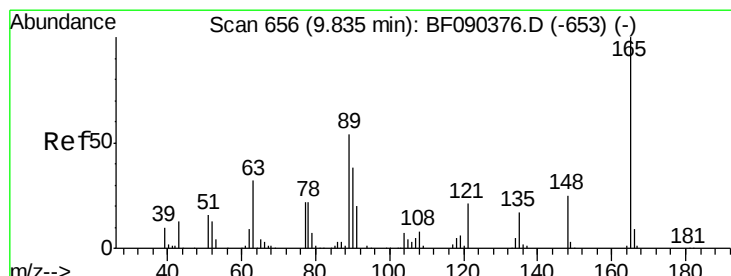
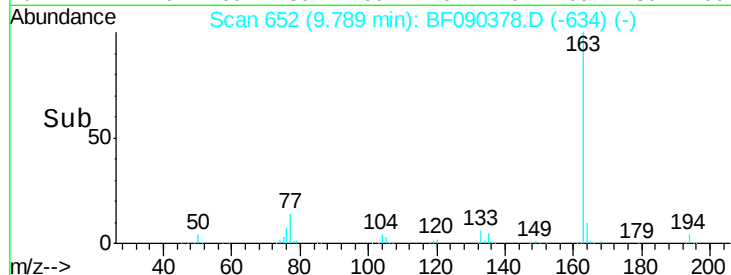
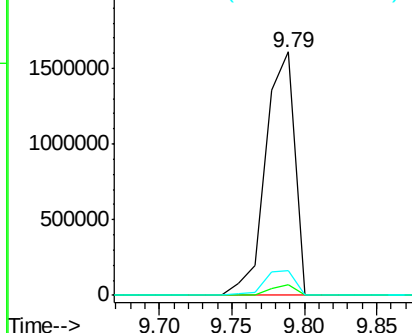
Tot Ion:163 Resp: 2224410
Ion Ratio Lower Upper
163 100
194 4.2 2.8 4.2
164 10.3 9.0 13.4

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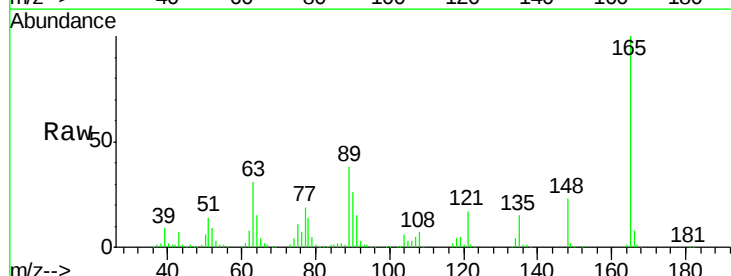


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

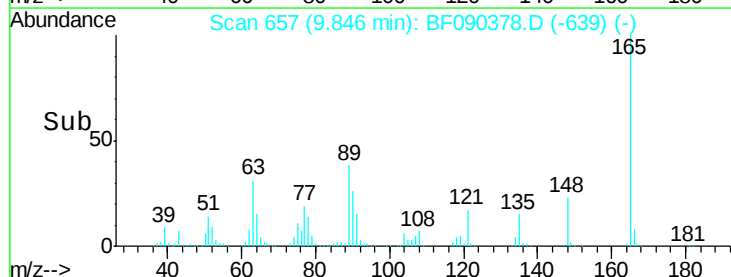
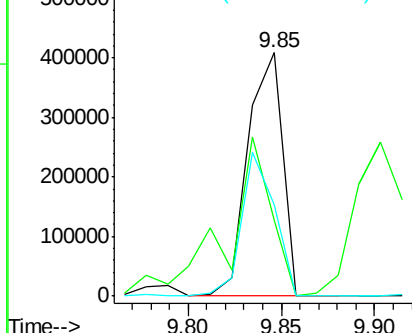


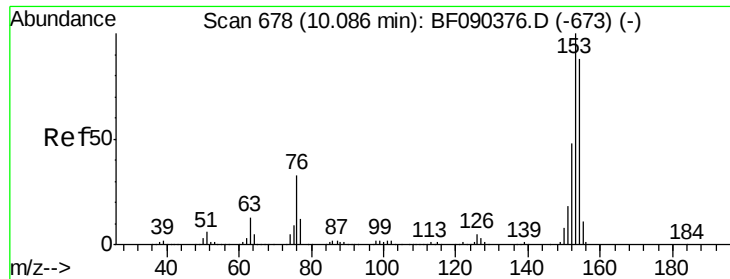
#50
2,6-Dinitrotoluene
Concen: 67.59 ng
RT: 9.85 min Scan# 657
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:165 Resp: 525119
Ion Ratio Lower Upper
165 100
63 31.5 58.0 87.0#
89 37.5 51.2 76.8#



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





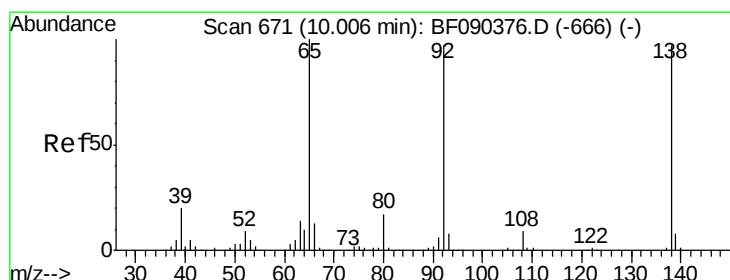
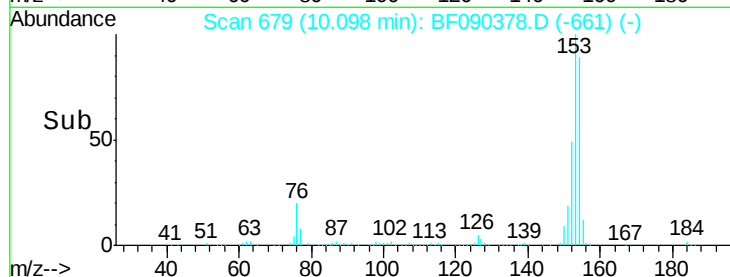
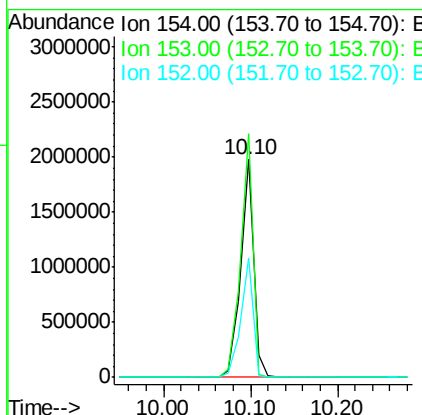
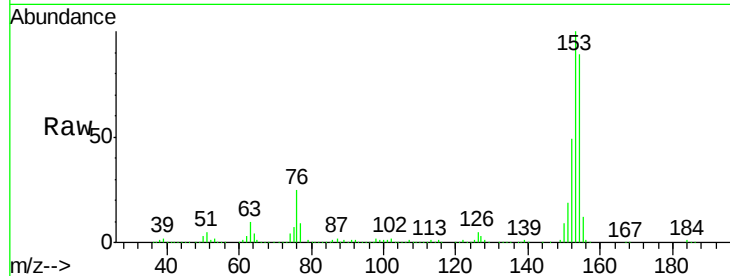
#51
Acenaphthene
Concen: 63.23 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion:154 Resp: 2029662
Ion Ratio Lower Upper
154 100
153 111.8 88.6 133.0
152 54.7 42.6 64.0

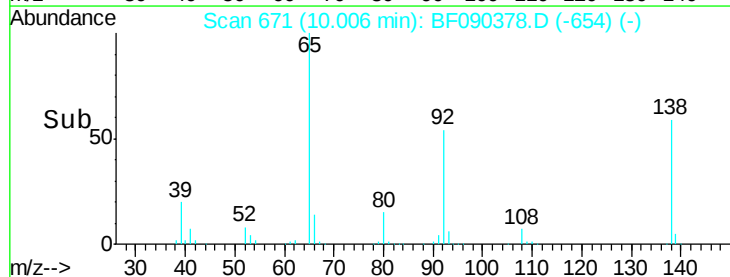
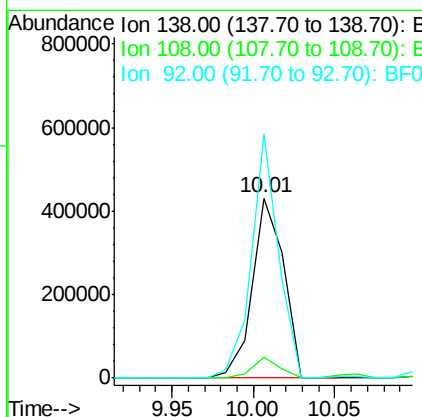
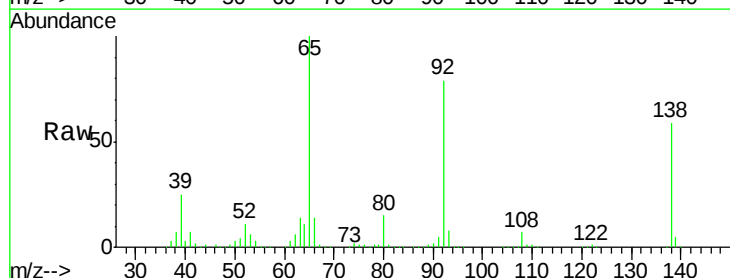
Manual Integrations
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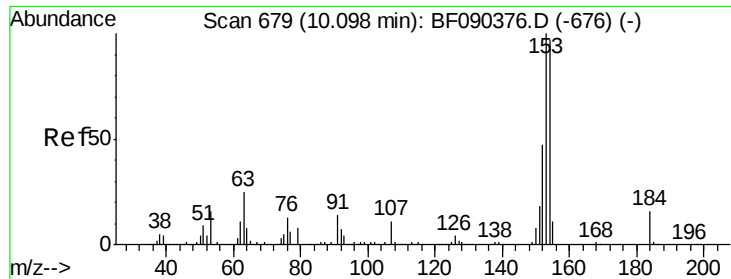
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#52
3-Nitroaniline
Concen: 65.27 ng
RT: 10.01 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:138 Resp: 574420
Ion Ratio Lower Upper
138 100
108 11.5 9.7 14.5
92 135.5 97.1 145.7





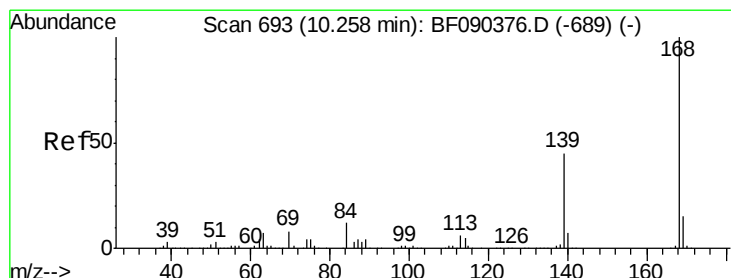
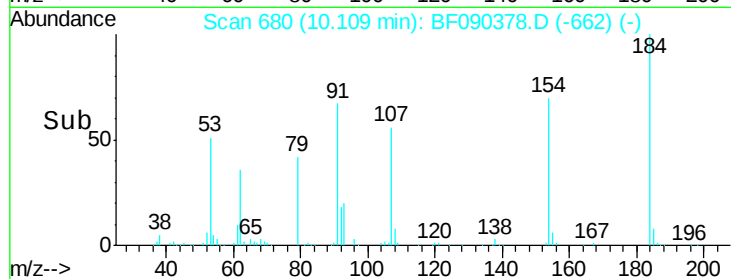
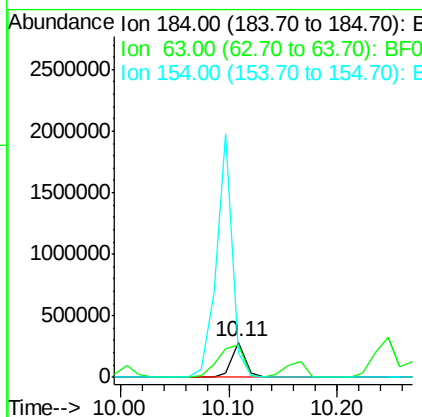
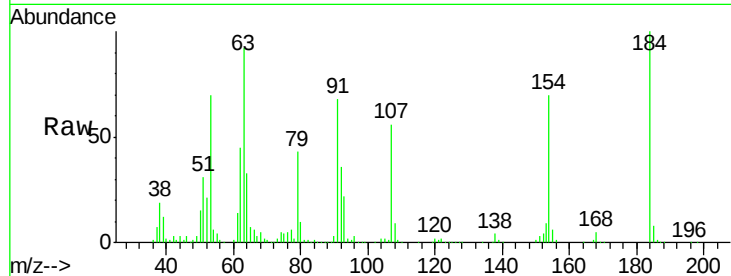
#53
2,4-Dinitrophenol
Concen: 105.08 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
184	100	246819		
63	91.6	41.9	62.9	
154	70.1	48.9	73.3	

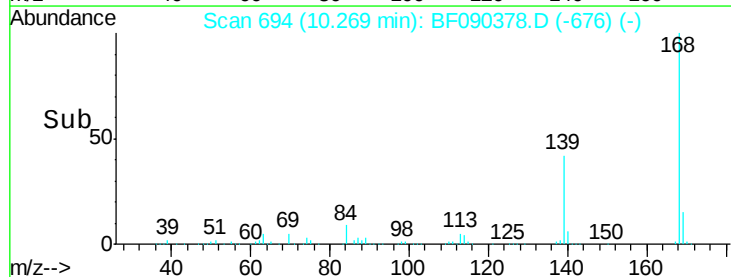
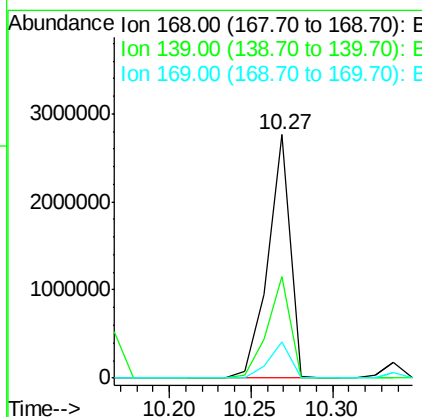
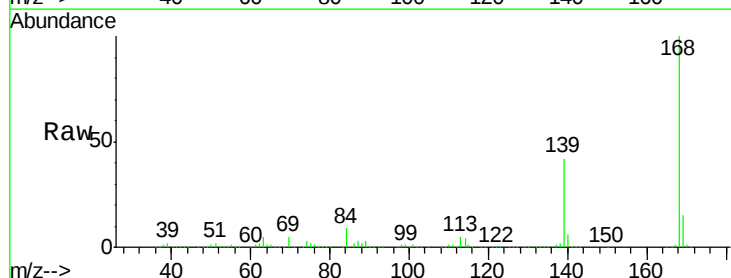
Manual Integrations
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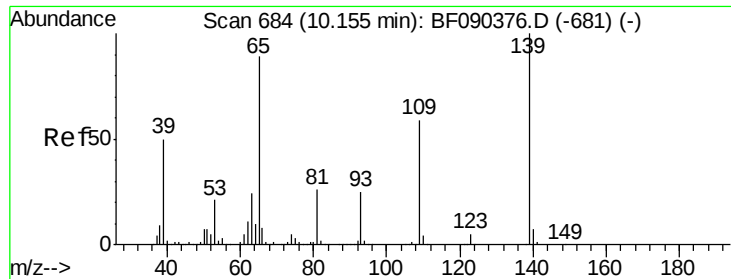
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#54
Dibenzofuran
Concen: 61.73 ng
RT: 10.27 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2620024		
139	41.6	29.6	44.4	
169	14.8	11.3	16.9	





#55

4-Nitrophenol

Concen: 82.60 ng

RT: 10.17 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

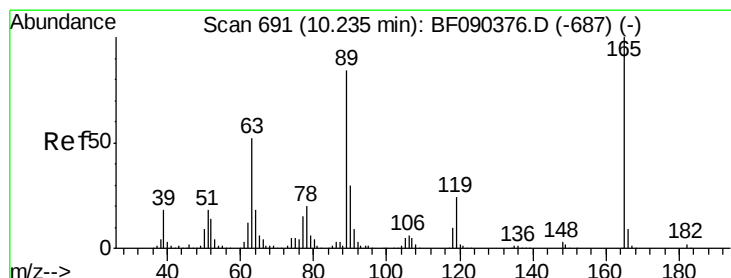
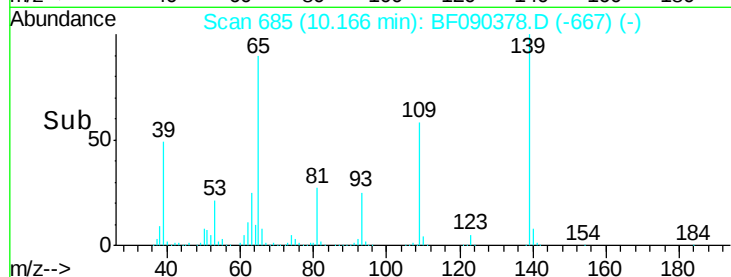
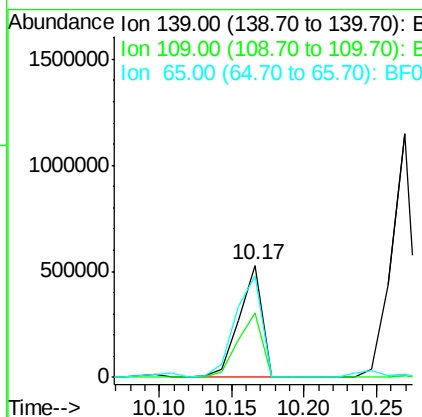
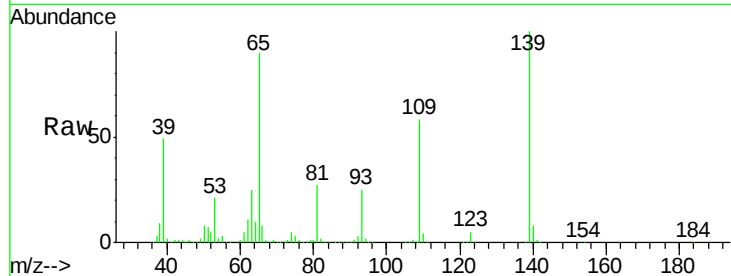
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Lower	Upper
139	100		
109	57.9	43.6	83.6
65	90.2	87.5	127.5

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#56

2,4-Dinitrotoluene

Concen: 78.01 ng

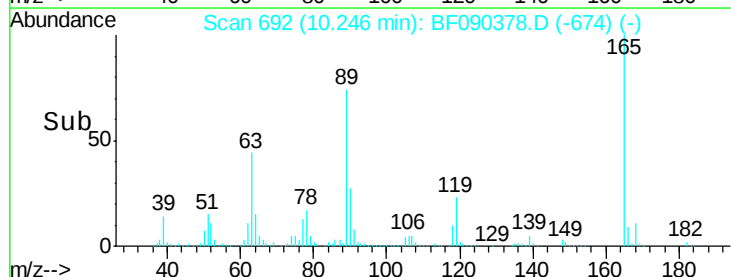
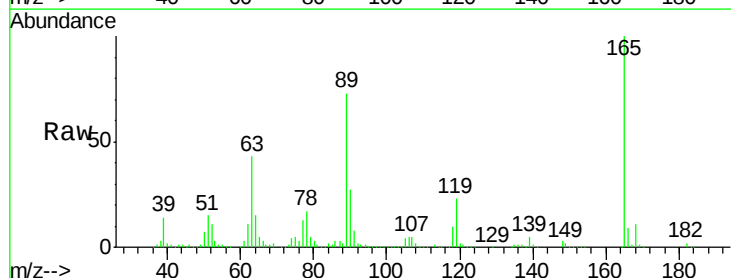
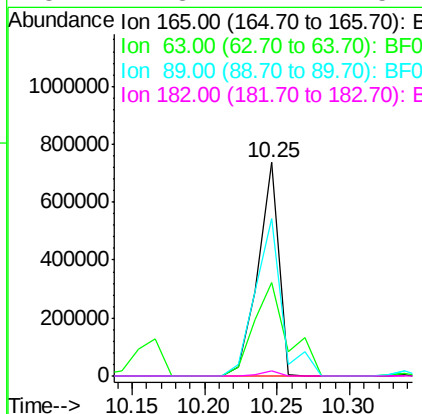
RT: 10.25 min Scan# 692

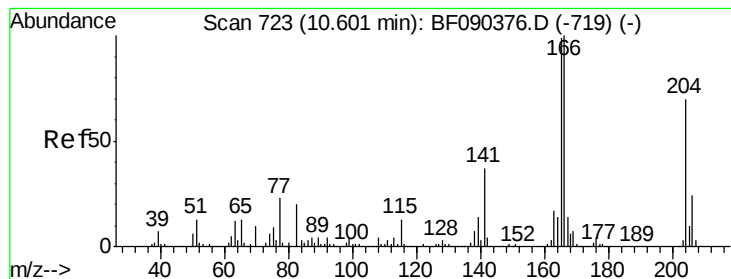
Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.5	17.8	26.6#
89	73.5	33.2	49.8#
182	2.3	2.1	3.1





#57

Fluorene

Concen: 60.24 ng

RT: 10.61 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:166 Resp: 2138606

Ion Ratio Lower Upper

166 100

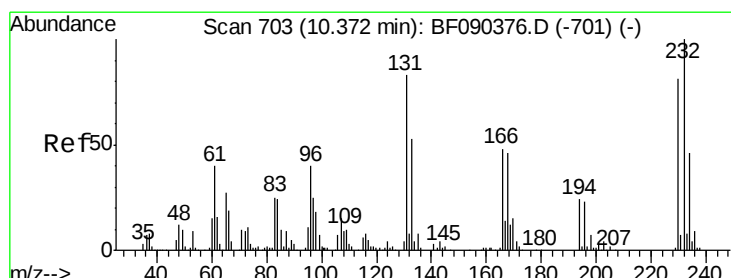
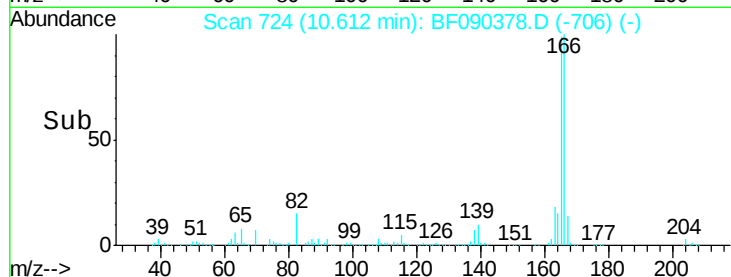
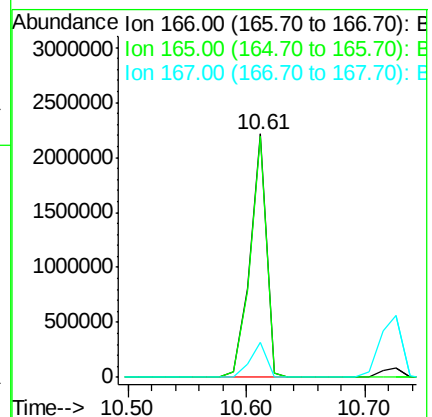
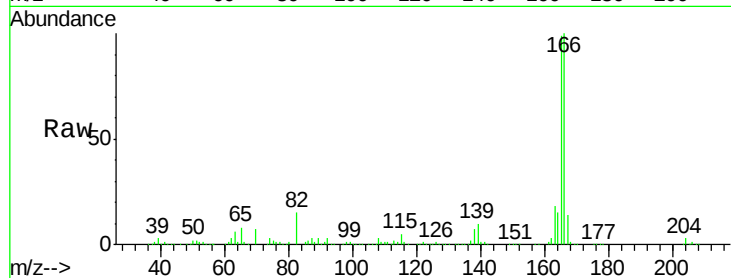
165 99.1 79.2 118.8

167 14.5 11.1 16.7

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 67.60 ng

RT: 10.38 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Tgt Ion:232 Resp: 511005

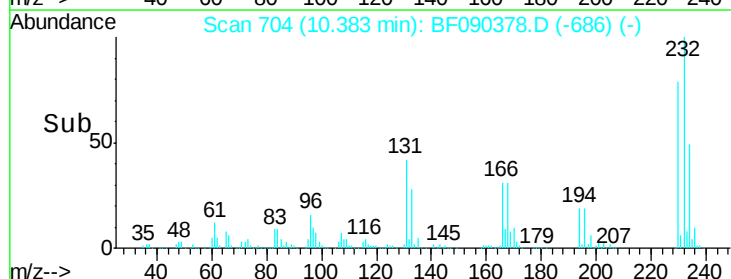
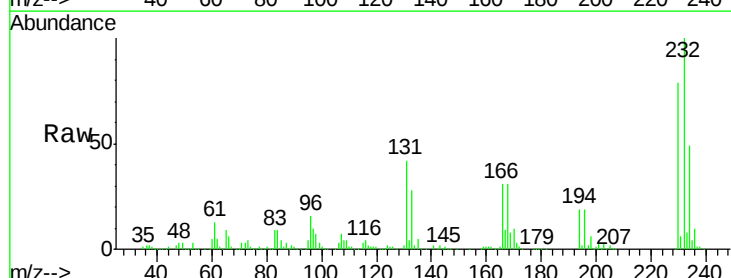
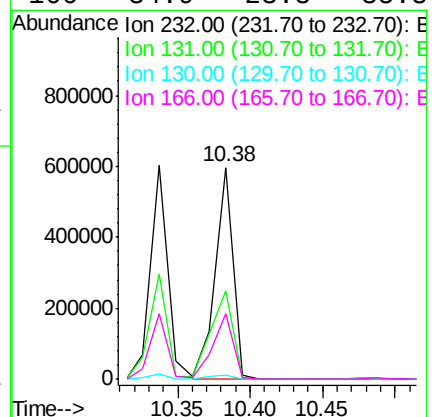
Ion Ratio Lower Upper

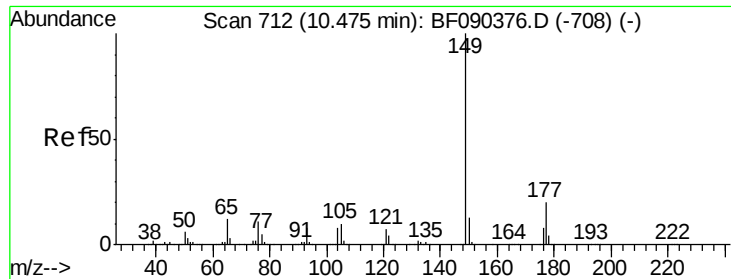
232 100

131 51.1 34.5 51.7

130 2.2 1.6 2.4

166 34.9 23.8 35.8





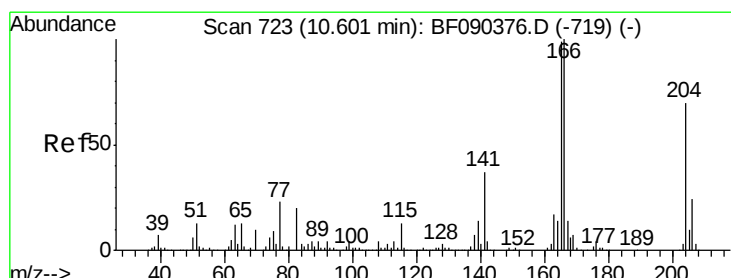
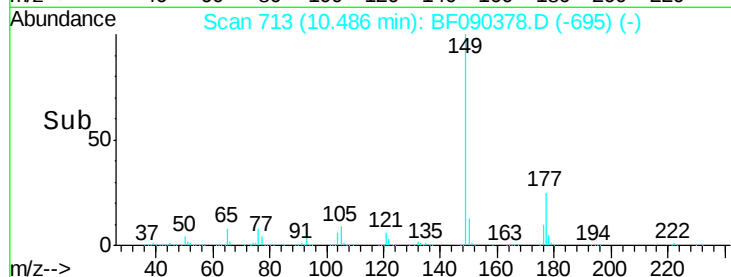
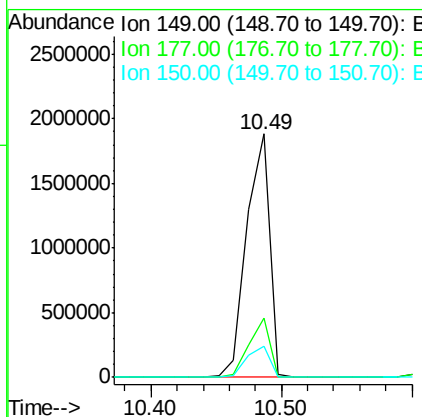
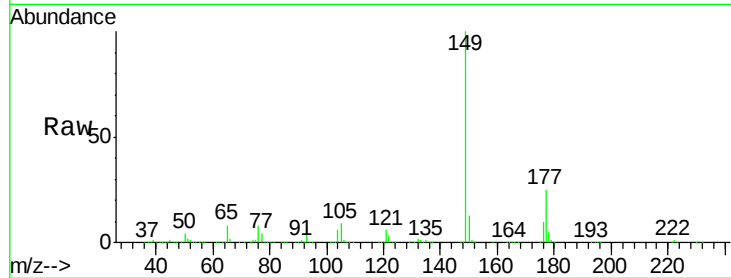
#59
Diethylphthalate
Concen: 63.30 ng
RT: 10.49 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	21.1	31.7
150	12.9	10.2	15.2

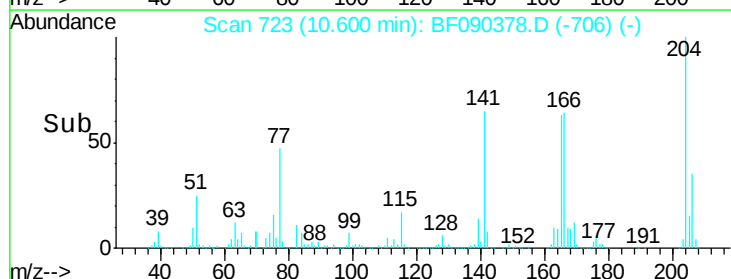
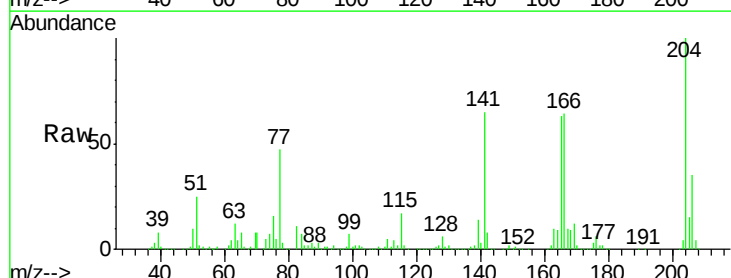
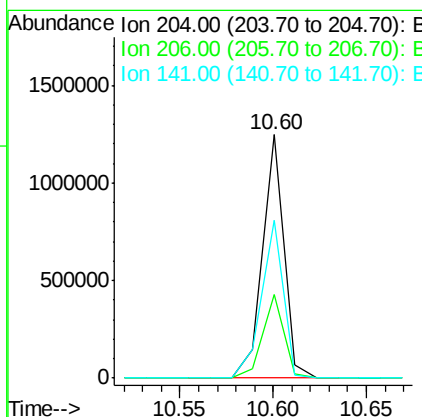
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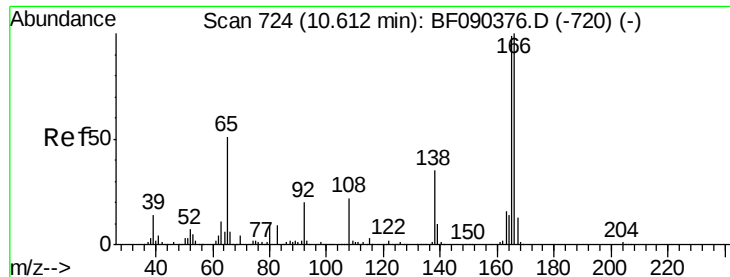
SOHIL
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#60
4-Chlorophenyl-phenylether
Concen: 59.59 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.7	40.1
141	65.0	51.7	77.5





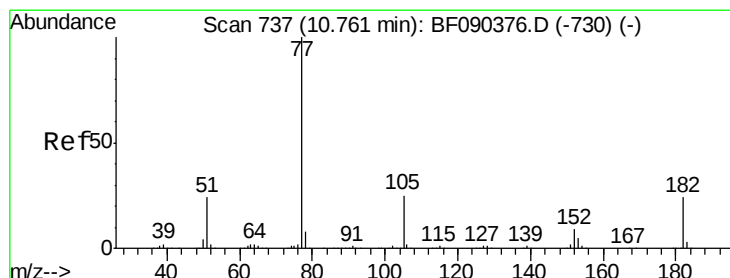
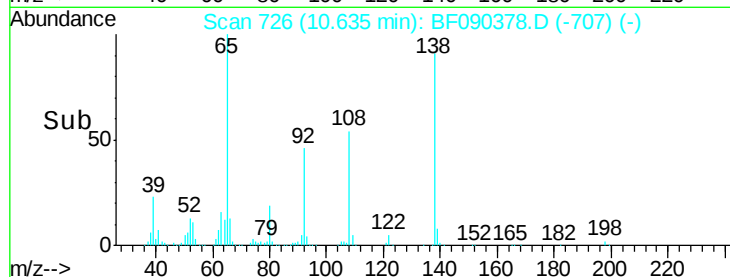
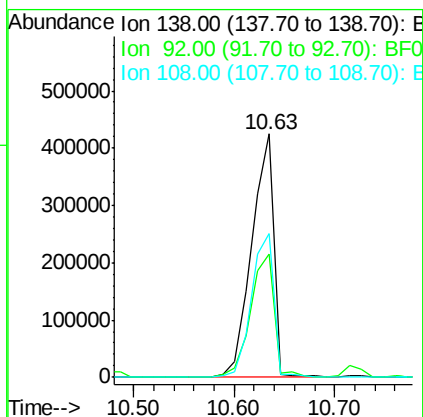
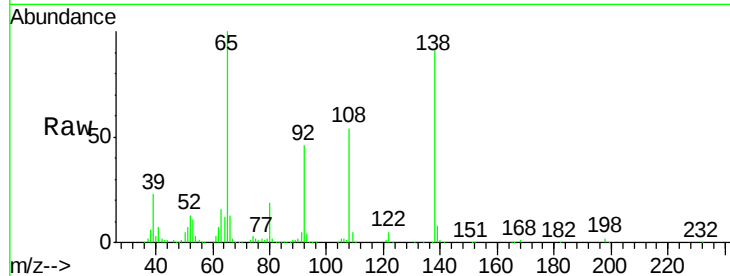
#61
4-Nitroaniline
Concen: 82.15 ng
RT: 10.63 min Scan# 726
Delta R.T. 0.02 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampled :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.7	33.2	73.2
108	59.2	48.5	88.5

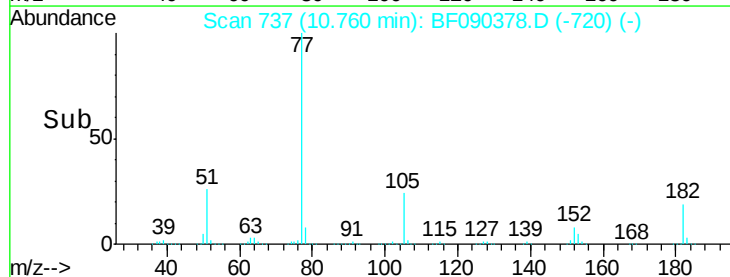
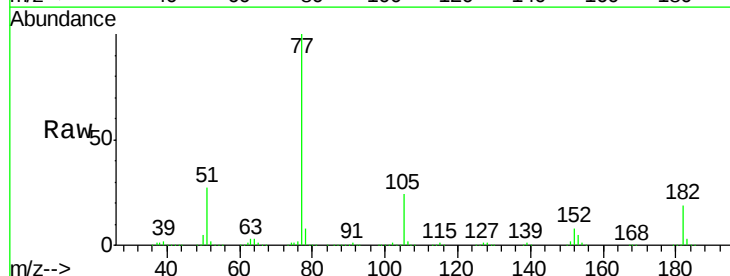
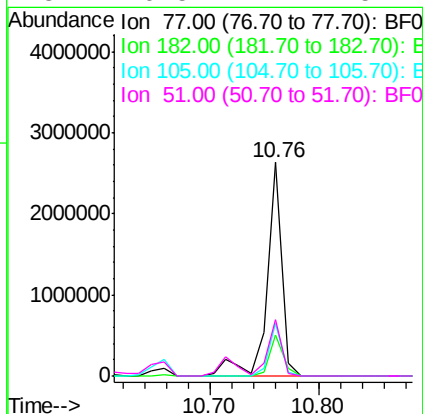
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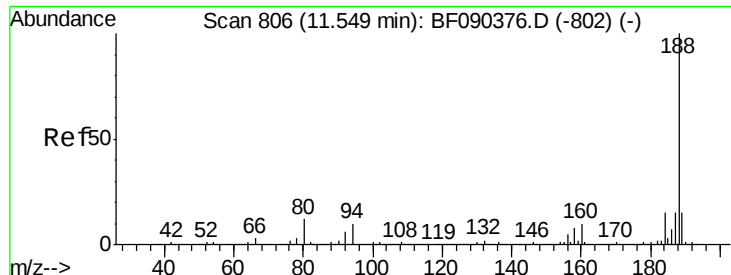
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#62
Azobenzene
Concen: 67.45 ng
RT: 10.76 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.1	3.2	43.2
105	24.4	2.9	42.9
51	26.5	14.2	54.2





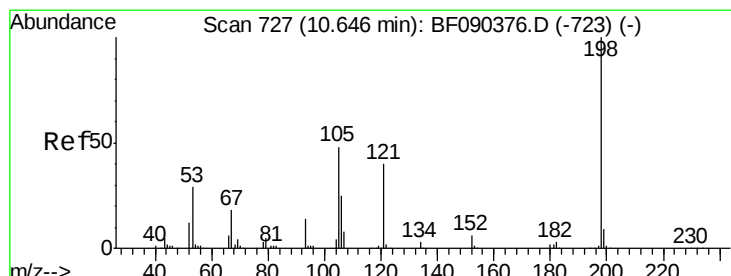
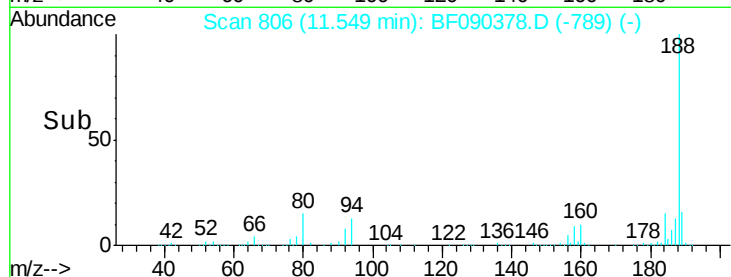
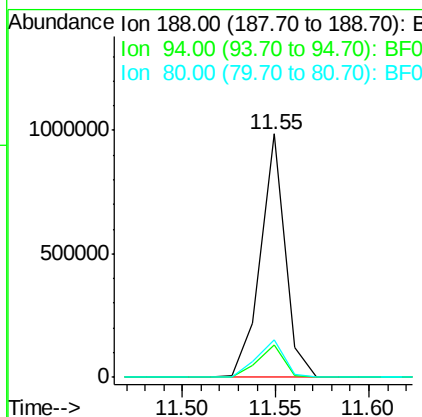
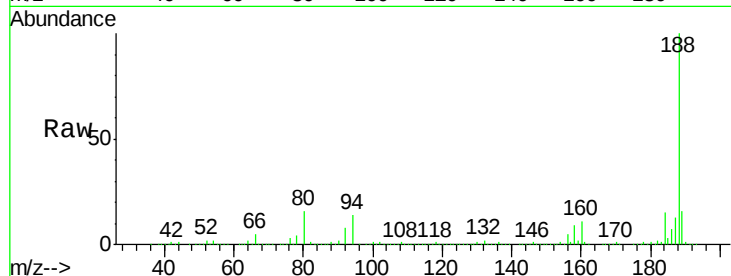
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.6	8.2	12.2#
80	15.5	8.8	13.2#

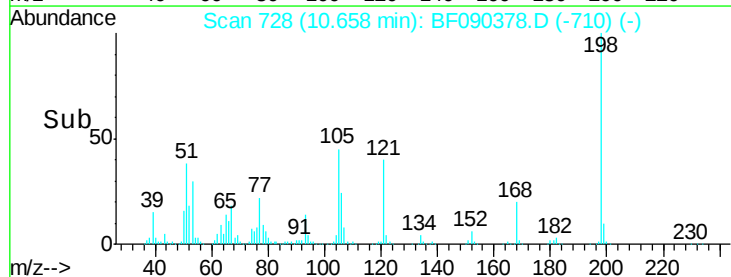
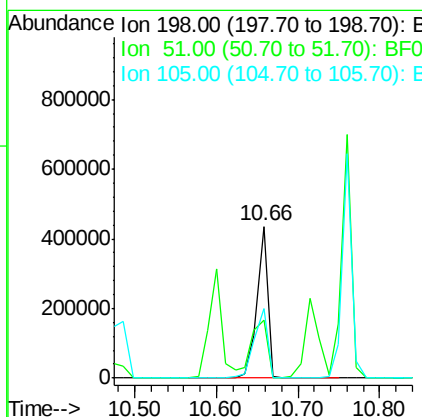
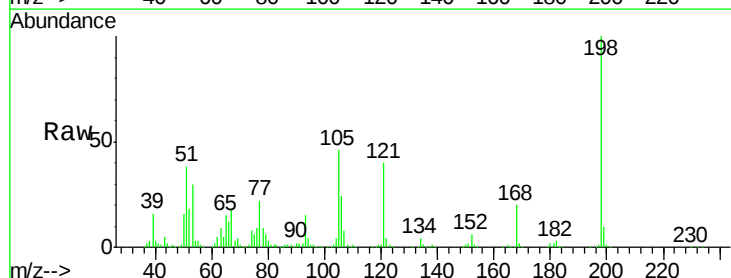
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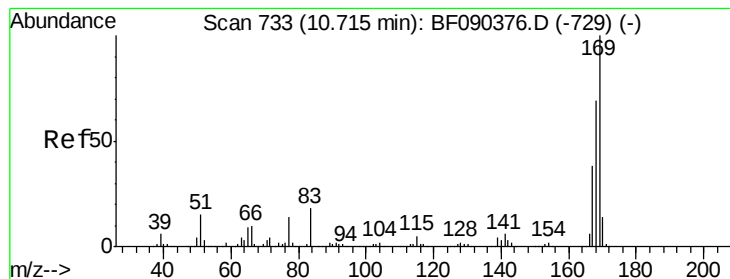
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#64
4,6-Dinitro-2-methylphenol
Concen: 113.93 ng
RT: 10.66 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	38.3	67.3	107.3#
105	45.7	42.6	82.6





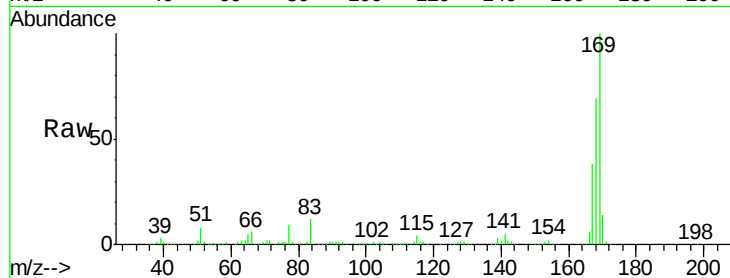
#65
n-Nitrosodiphenylamine
Concen: 60.39 ng
RT: 10.73 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

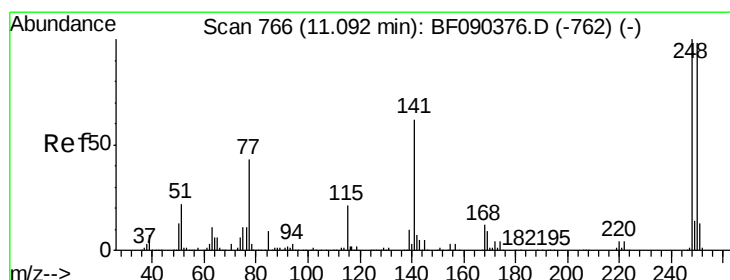
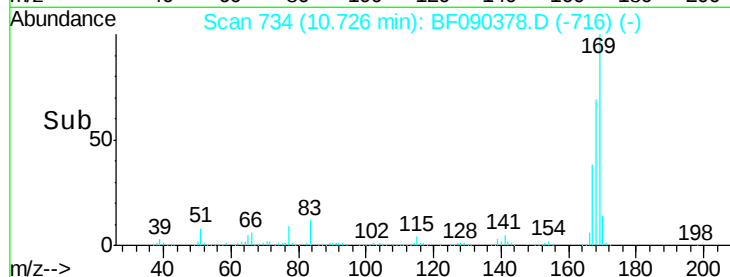
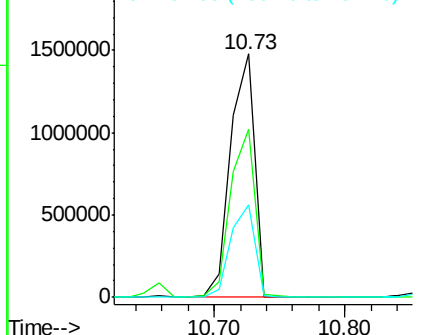
Tot Ion:169 Resp: 1885561
Ion Ratio Lower Upper
169 100
168 69.2 53.8 80.6
167 38.3 29.8 44.8

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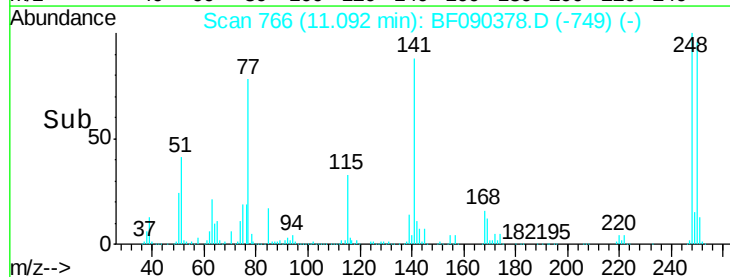
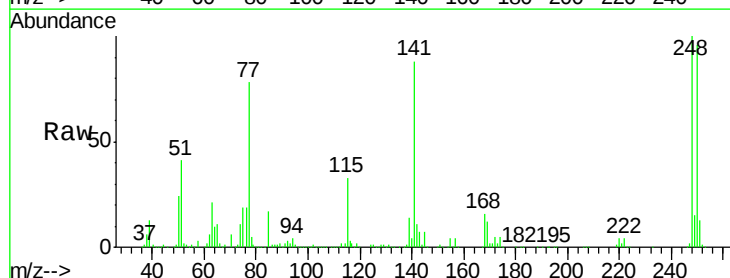
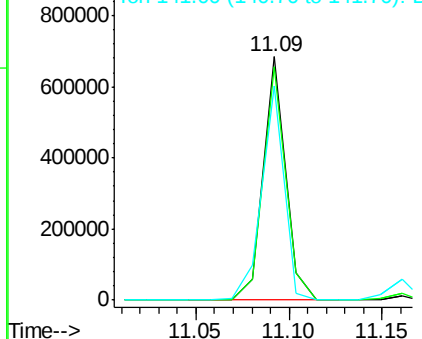
Abundance Ion 169.00 (168.70 to 169.70): E
2000000
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

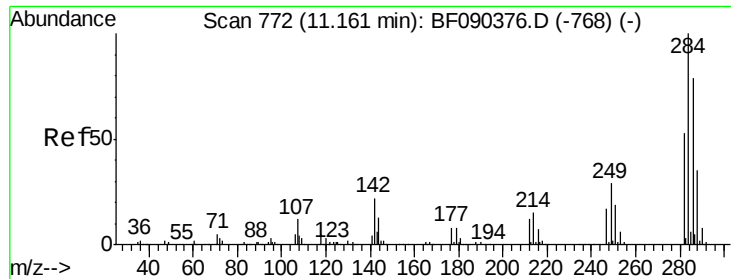


#66
4-Bromophenyl-phenylether
Concen: 57.09 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:248 Resp: 564848
Ion Ratio Lower Upper
248 100
250 95.9 76.5 114.7
141 87.7 59.8 89.6

Abundance Ion 248.00 (247.70 to 248.70): E
800000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 53.78 ng

RT: 11.16 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

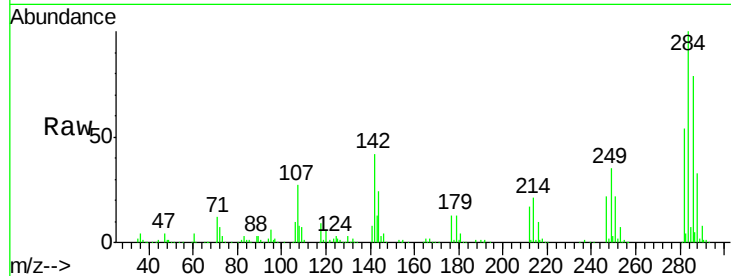
ClientSampleId :

SSTDIC060

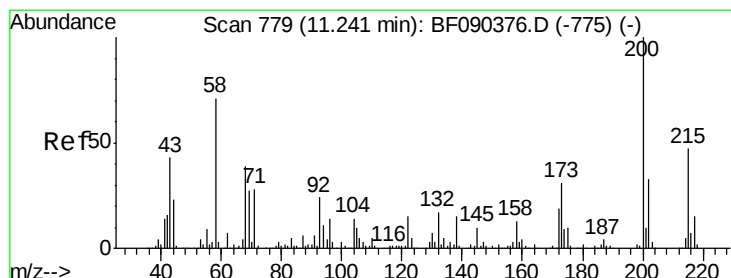
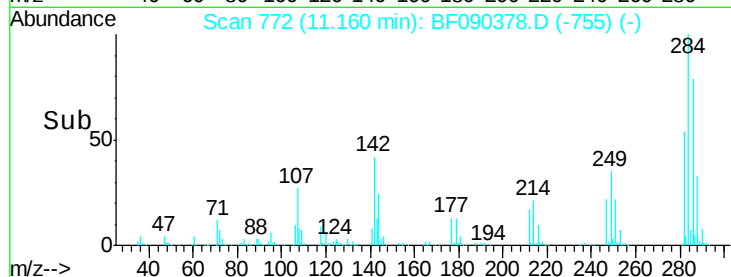
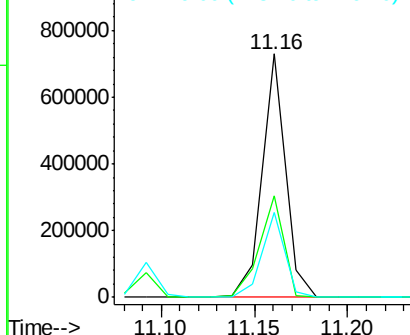
Tot Ion:	284	Resp:	625387
Ion Ratio		Lower	Upper
284	100		
142	41.9	23.1	34.7#
249	34.8	26.3	39.5

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



#68

Atrazine

Concen: 63.93 ng

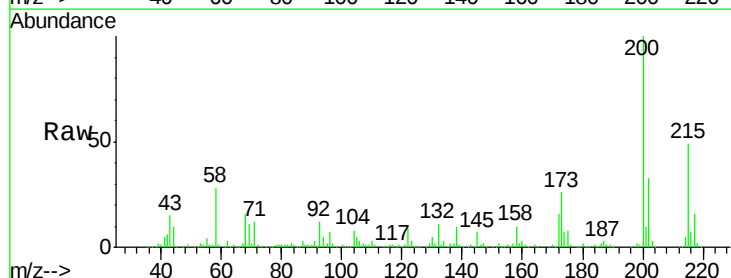
RT: 11.25 min Scan# 780

Delta R.T. 0.01 min

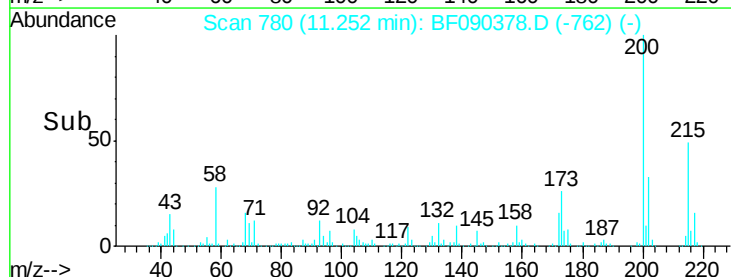
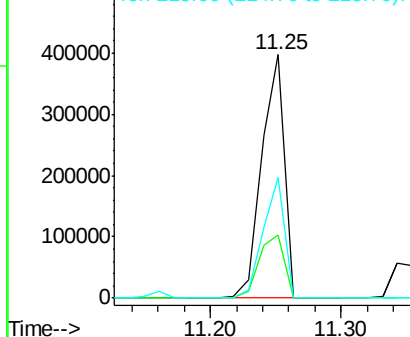
Lab File: BF090378.D

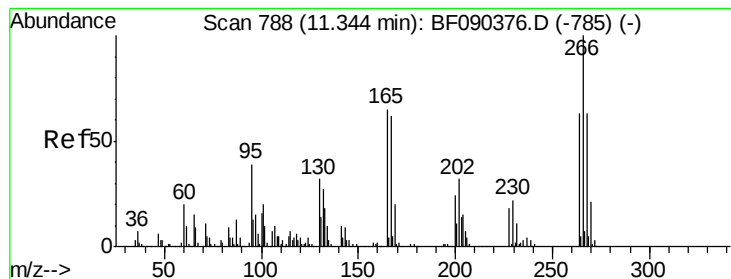
Acq: 5 Oct 2016 13:47

Tgt Ion:	200	Resp:	477885
Ion Ratio		Lower	Upper
200	100		
173	25.9	9.0	49.0
215	49.5	24.8	64.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 62.66 ng

RT: 11.35 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:266 Resp: 408473

Ion Ratio Lower Upper

266 100

268 65.2 50.9 76.3

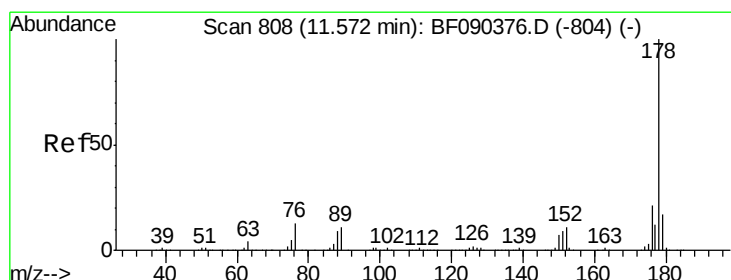
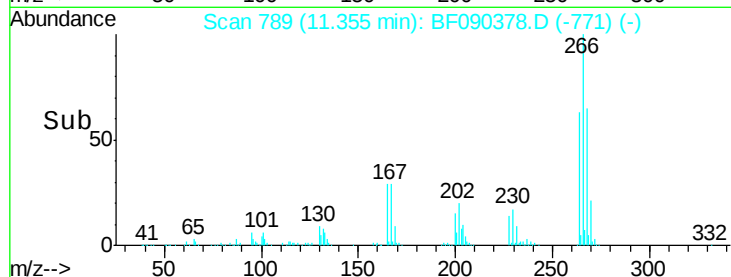
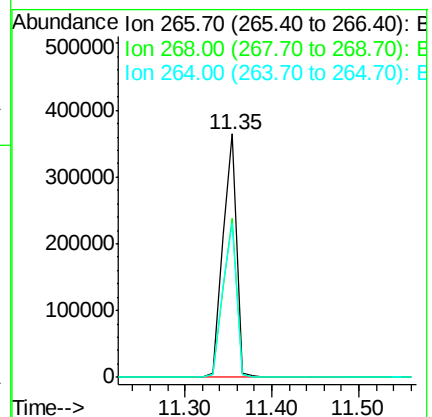
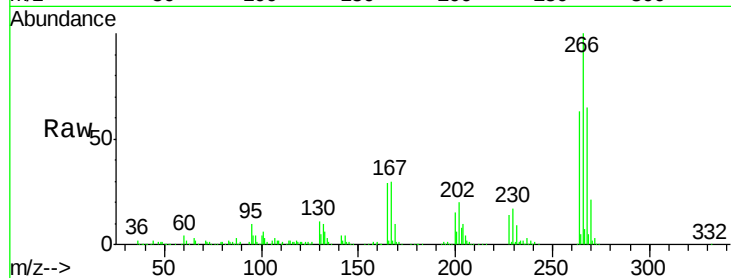
264 63.3 51.5 77.3

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#70

Phenanthrene

Concen: 51.87 ng

RT: 11.57 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

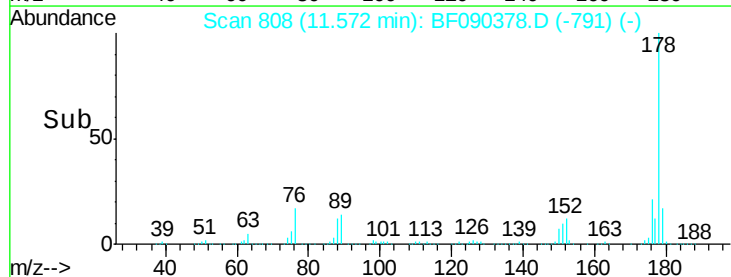
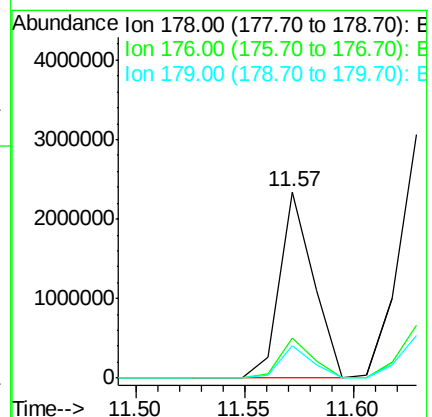
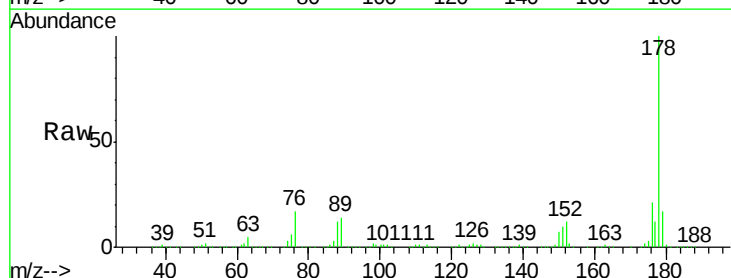
Tgt Ion:178 Resp: 2547814

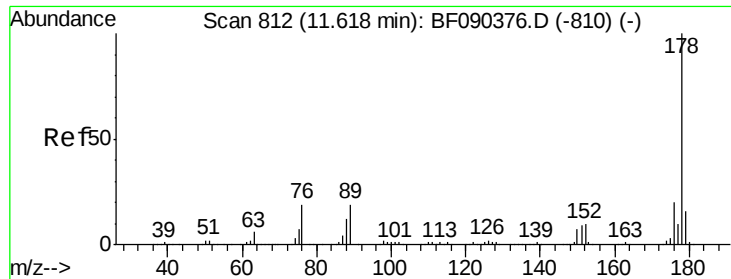
Ion Ratio Lower Upper

178 100

176 21.3 17.3 25.9

179 17.2 13.8 20.6





#71
 Anthracene
 Concen: 58.43 ng
 RT: 11.63 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

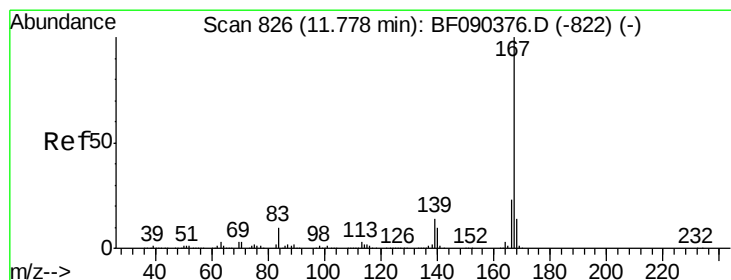
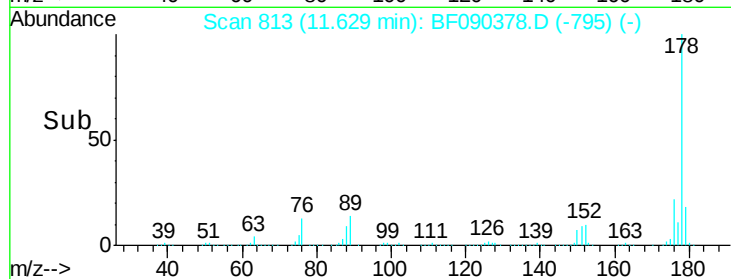
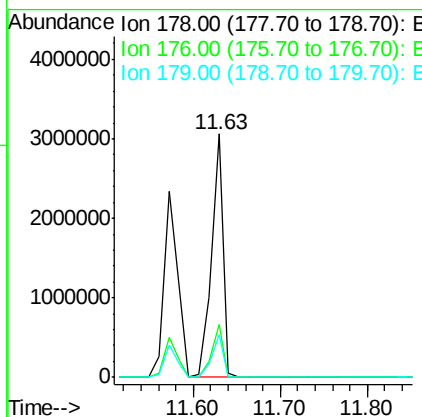
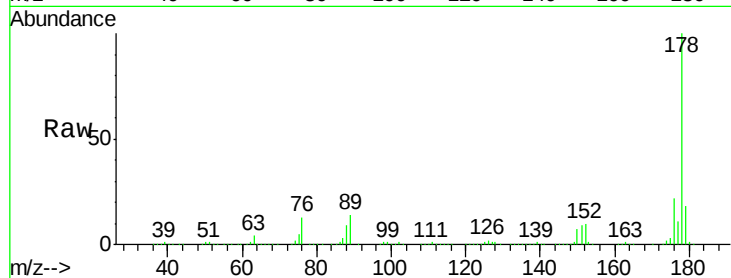
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:178 Resp: 2865036

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.8	25.2
179	17.6	13.4	20.2

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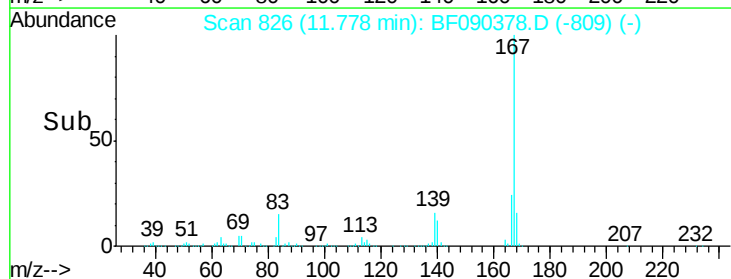
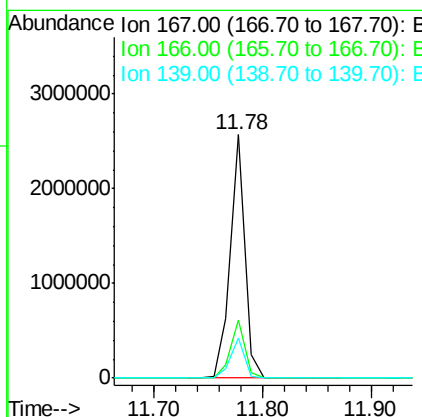
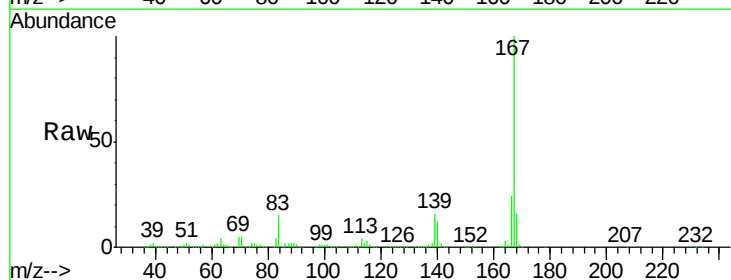
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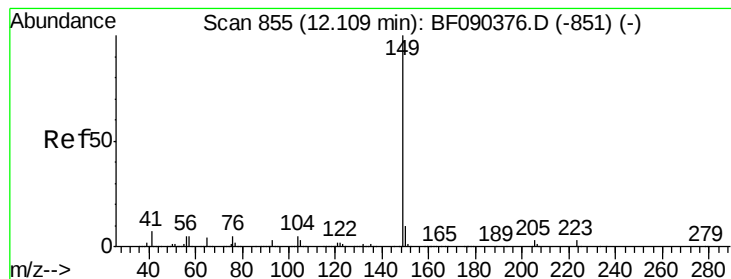


#72
 Carbazole
 Concen: 52.96 ng
 RT: 11.78 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion:167 Resp: 2387238

Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.1	28.7
139	16.2	12.1	18.1





#73

Di-n-butylphthalate

Concen: 53.94 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 2905798

Ion Ratio Lower Upper

149 100

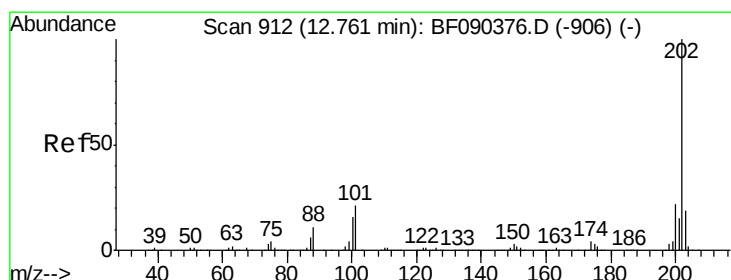
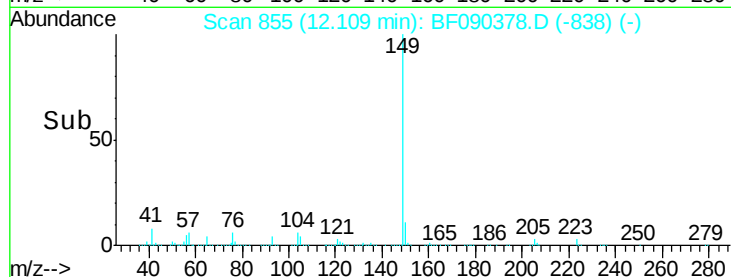
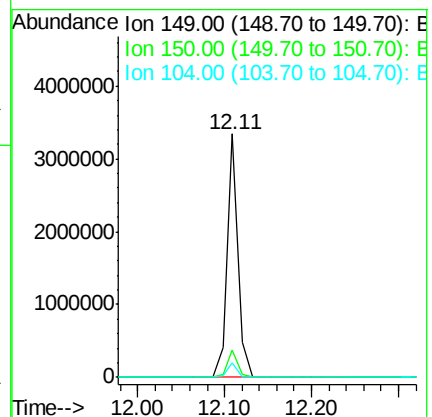
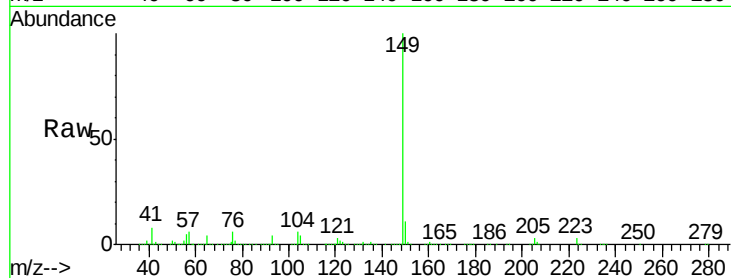
150 11.0 8.6 12.8

104 5.9 4.7 7.1

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#74

Fluoranthene

Concen: 59.41 ng

RT: 12.77 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

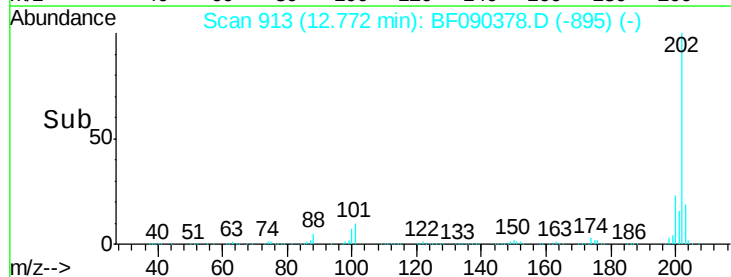
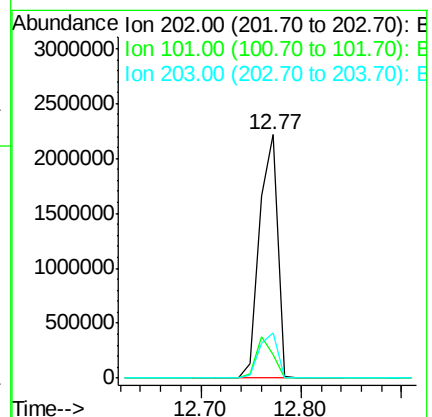
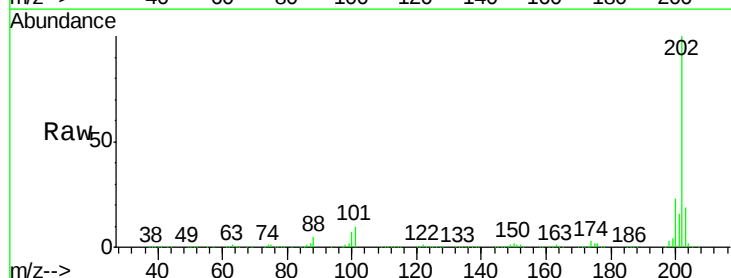
Tgt Ion:202 Resp: 2767853

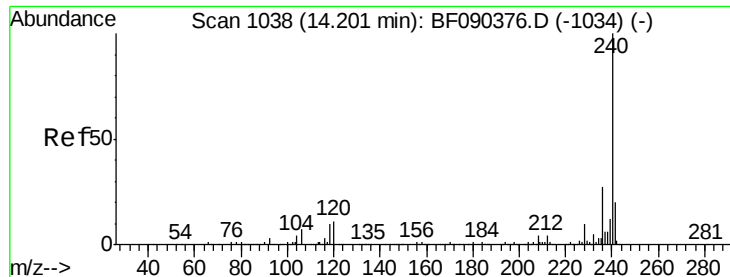
Ion Ratio Lower Upper

202 100

101 9.8 0.0 37.2

203 18.8 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

Instrument :

BNA_F

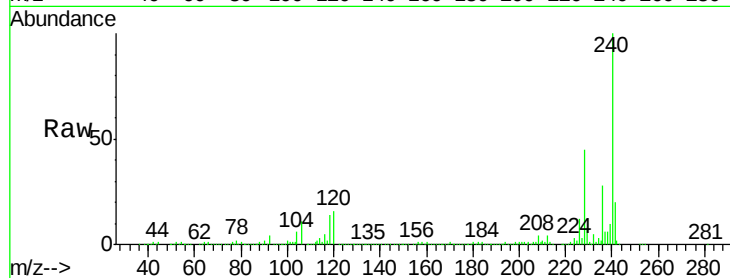
ClientSampled :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.8	8.6	13.0#
236	27.6	21.6	32.4

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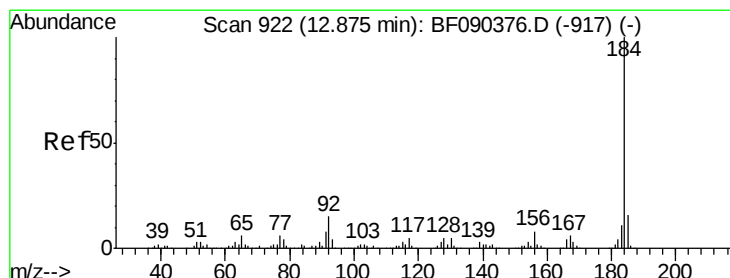
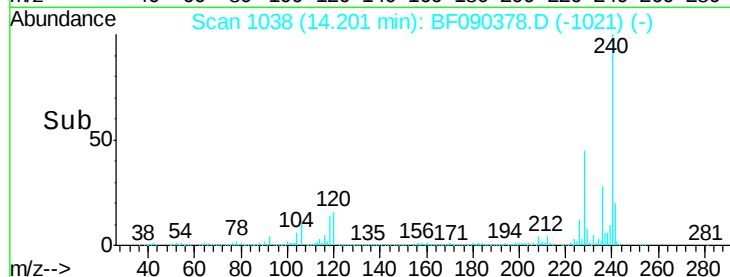
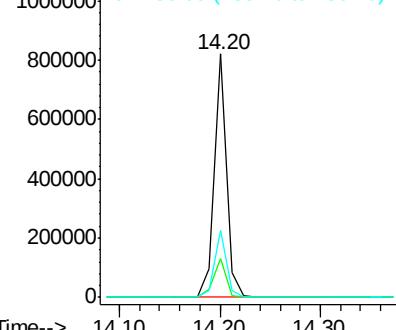
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 62.05 ng

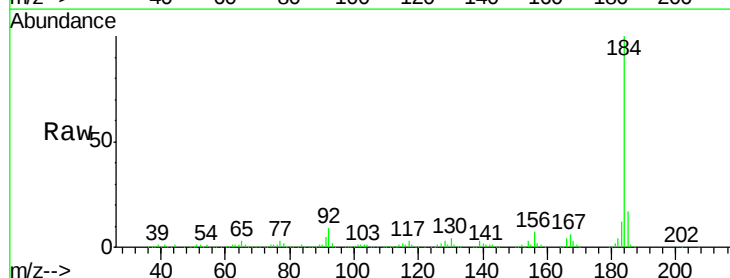
RT: 12.89 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF090378.D

Acq: 5 Oct 2016 13:47

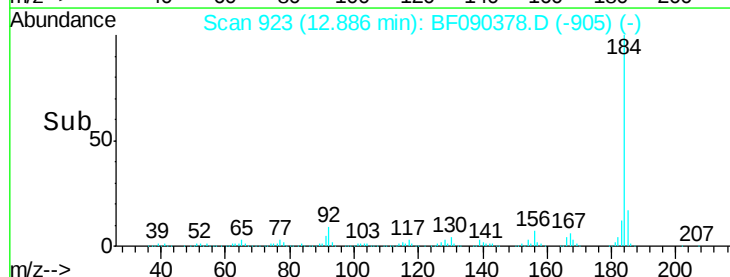
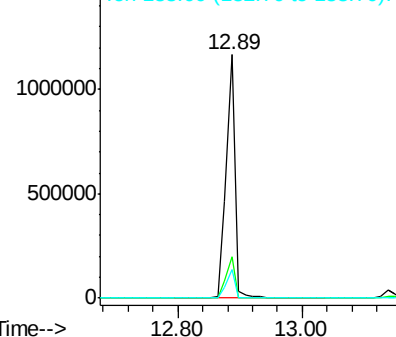
Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.8	17.8
183	12.0	9.6	14.4

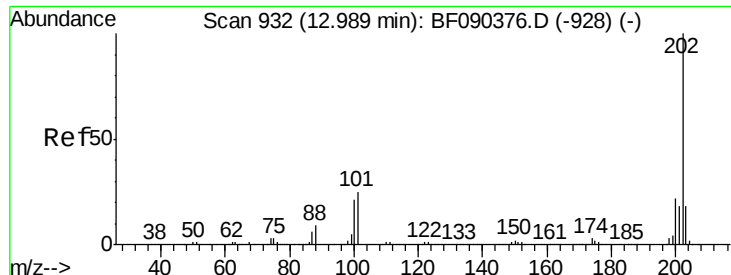


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





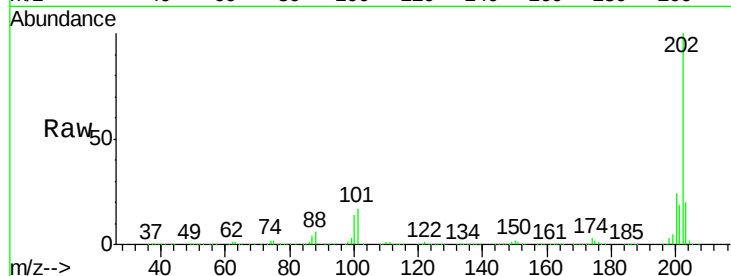
#77
Pvrene
Concen: 64.98 ng
RT: 13.00 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

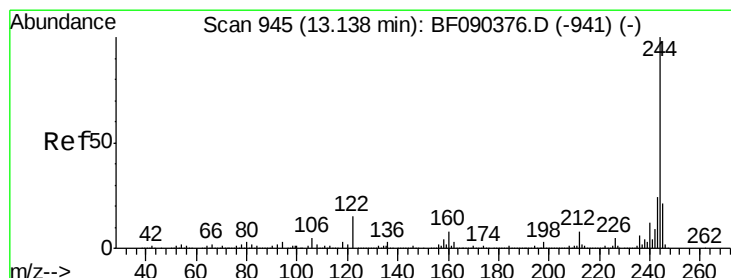
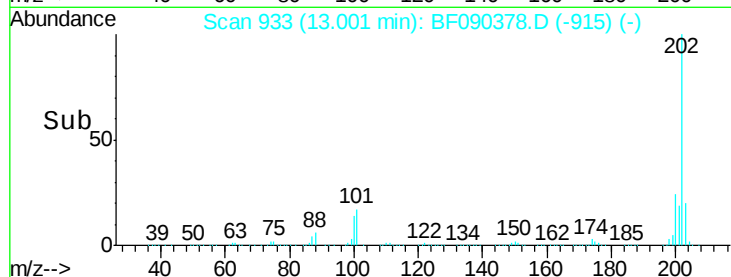
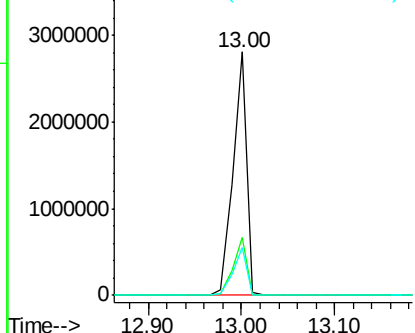
Tot Ion:202 Resp: 2875444
Ion Ratio Lower Upper
202 100
200 24.0 18.5 27.7
203 19.6 15.0 22.6

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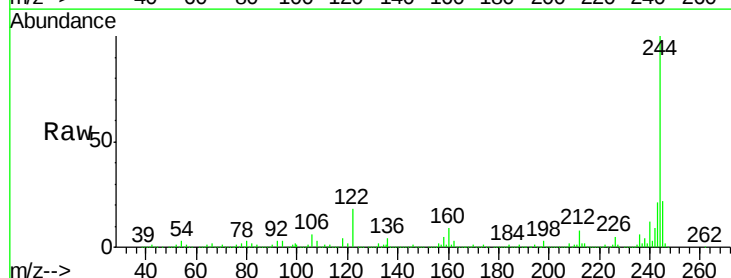


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

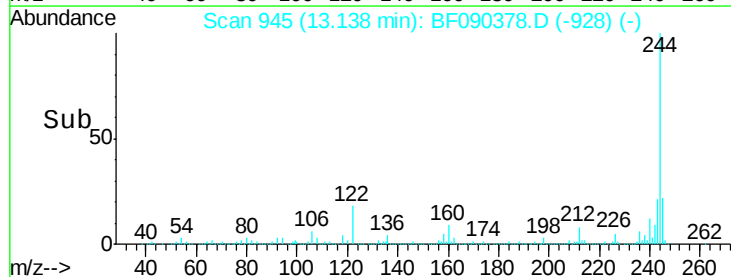
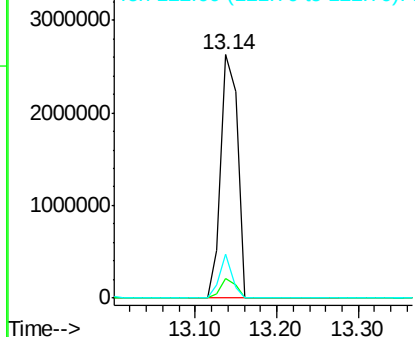


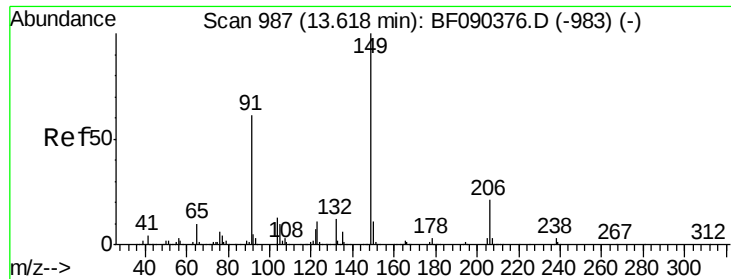
#78
Terphenyl-d14
Concen: 124.81 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:244 Resp: 3704942
Ion Ratio Lower Upper
244 100
212 8.2 6.8 10.2
122 17.8 13.3 19.9



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





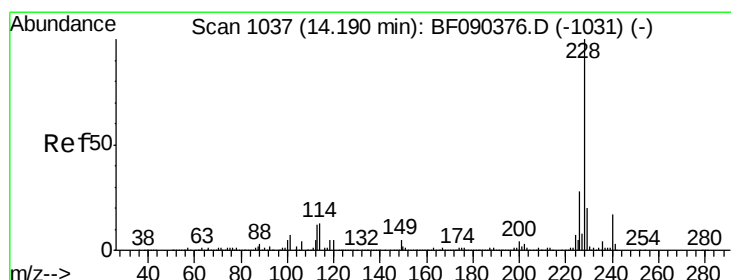
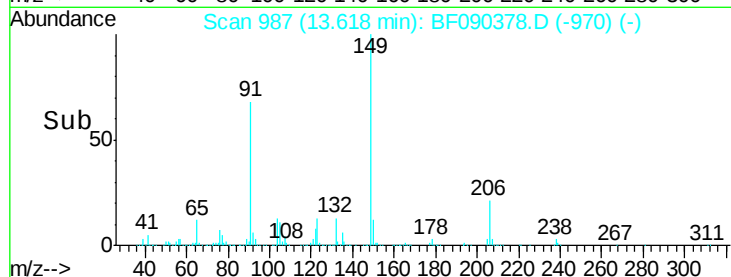
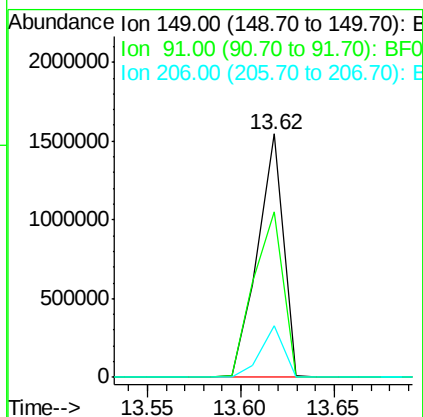
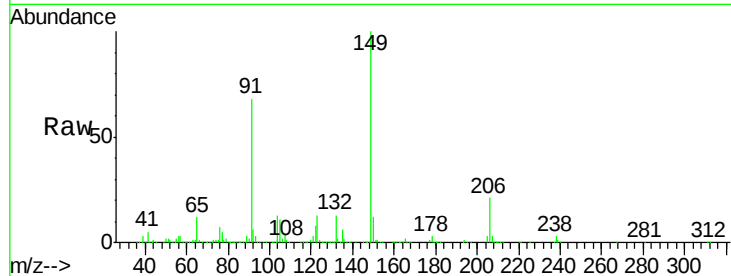
#79
Butylbenzylphthalate
Concen: 84.72 ng
RT: 13.62 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:149 Resp: 1477417
Ion Ratio Lower Upper
149 100
91 68.1 51.8 77.8
206 21.2 18.0 27.0

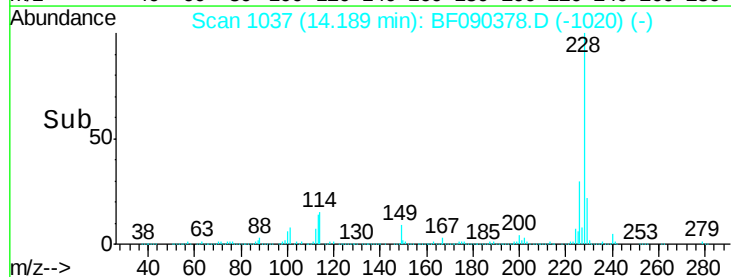
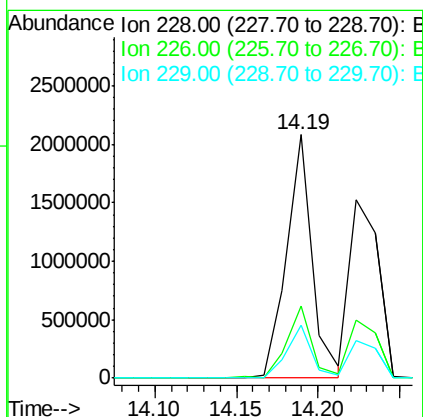
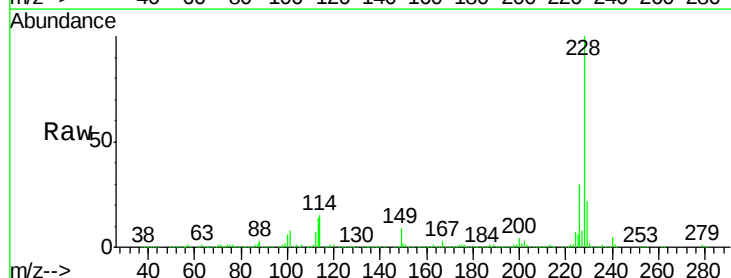
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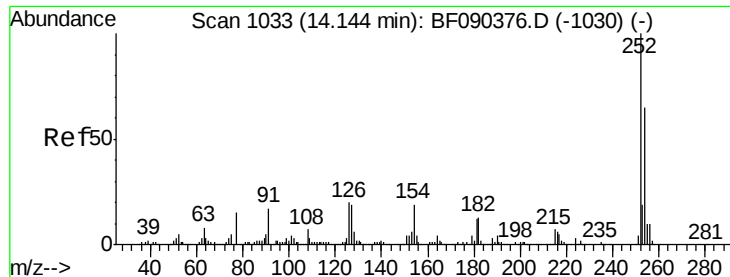
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#80
Benzo(a)anthracene
Concen: 58.98 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion:228 Resp: 2285598
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 21.7 16.6 25.0





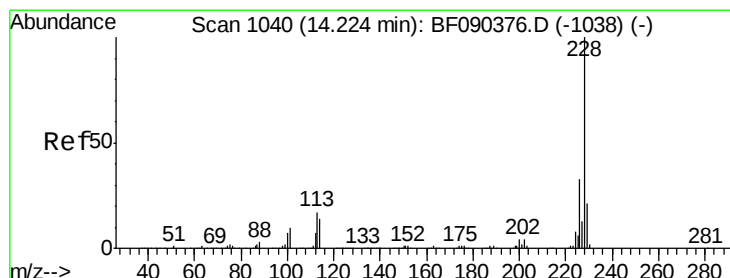
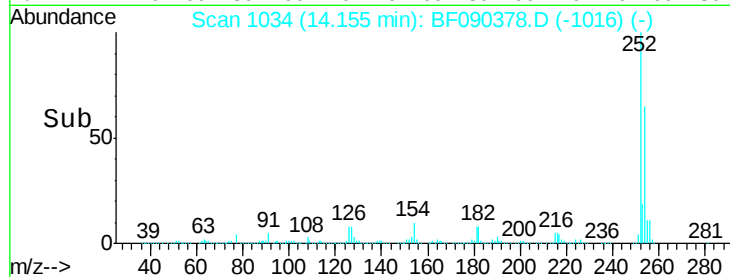
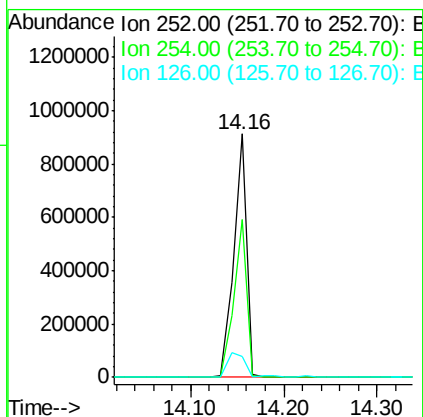
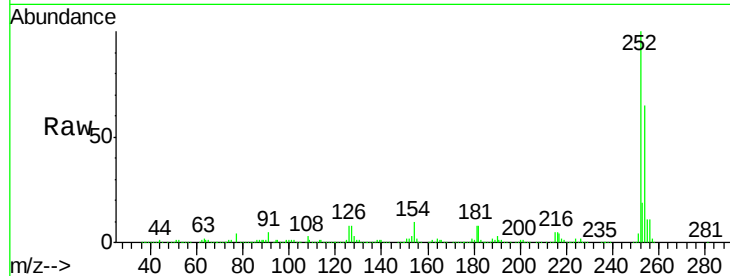
#81
 3,3'-Dichlorobenzidine
 Concen: 66.82 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	8.5	4.2	6.4

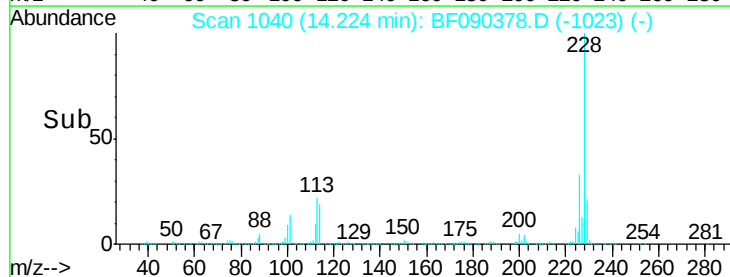
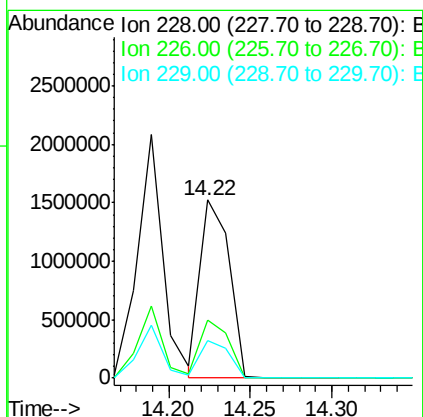
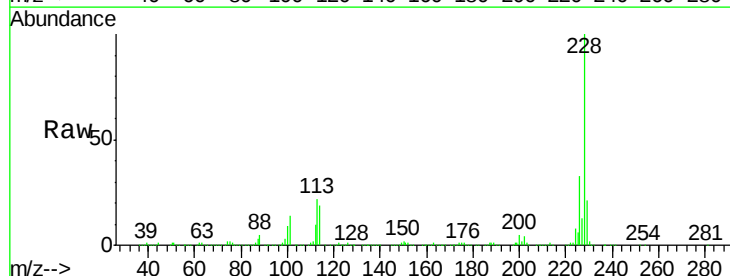
Manual Integrations
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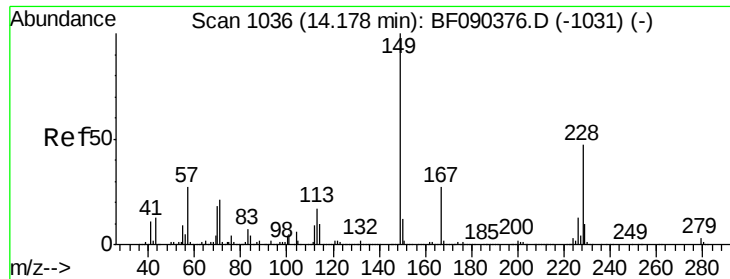
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#82
 Chrysene
 Concen: 52.64 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.8	38.6
229	21.2	16.9	25.3





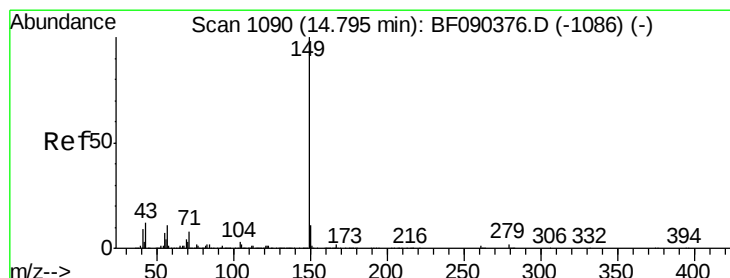
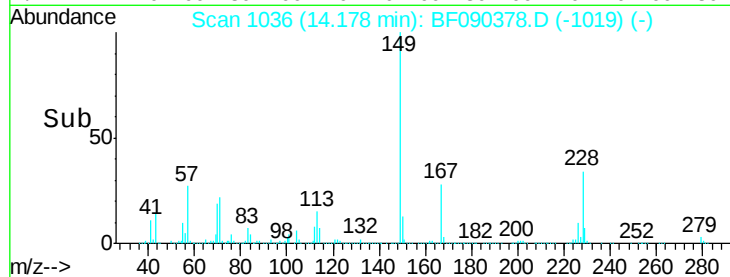
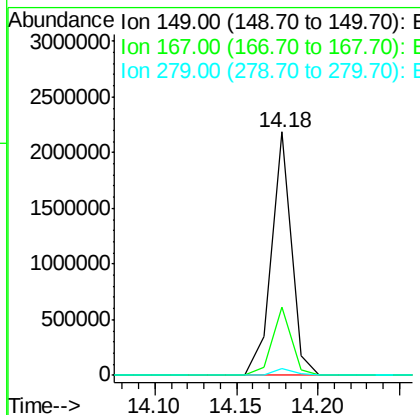
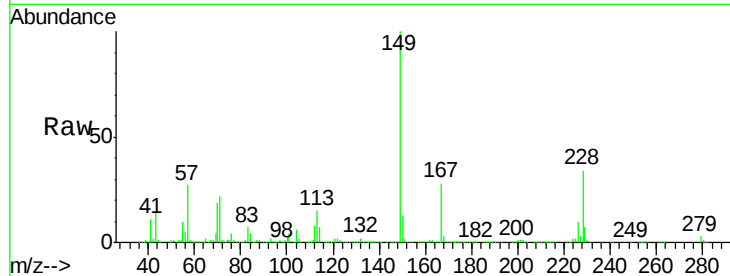
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 67.04 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	28.2	21.5	32.3	
279	2.8	2.6	3.8	

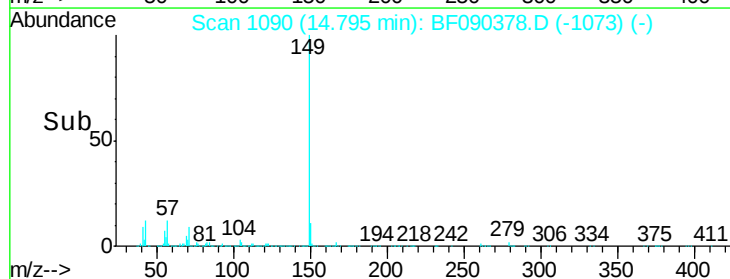
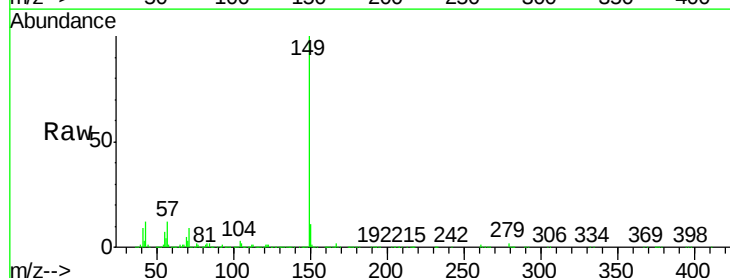
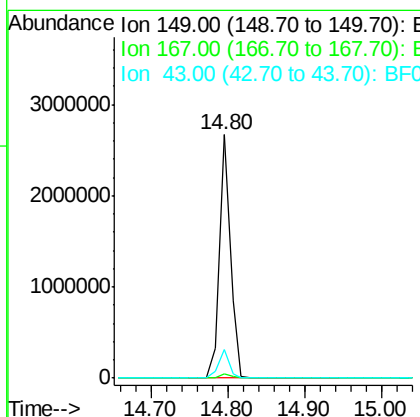
Manual Integrations
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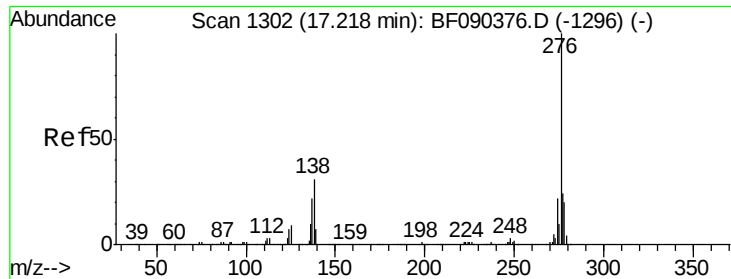
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#84
 Di-n-octyl phthalate
 Concen: 65.49 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.6	1.3	1.9	
43	11.8	11.8	17.8	





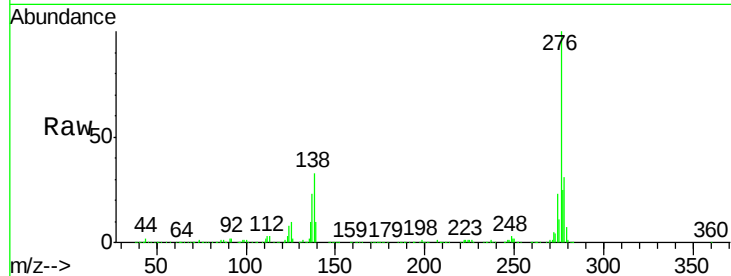
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.62 ng
RT: 17.23 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

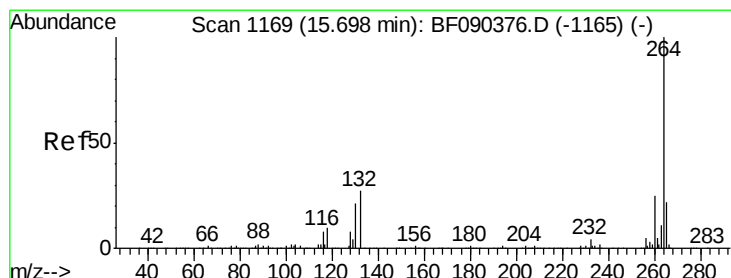
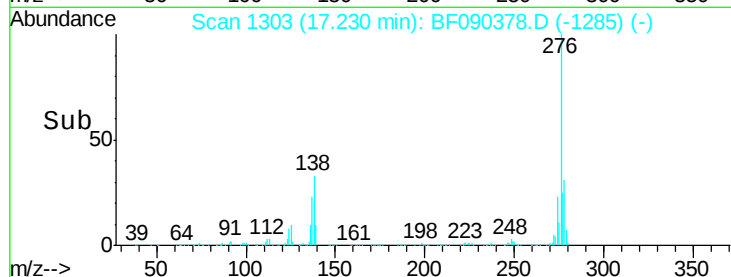
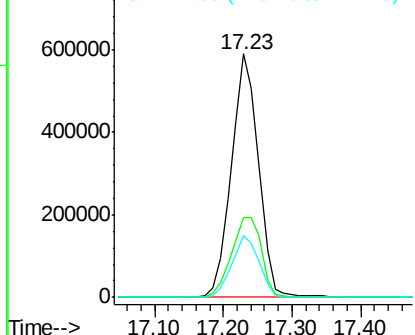
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.3	23.8	35.8
277	25.6	20.4	30.6

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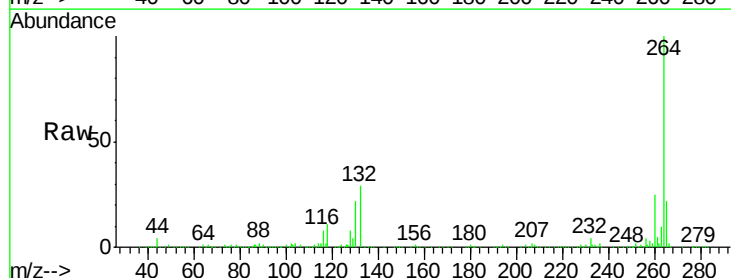


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

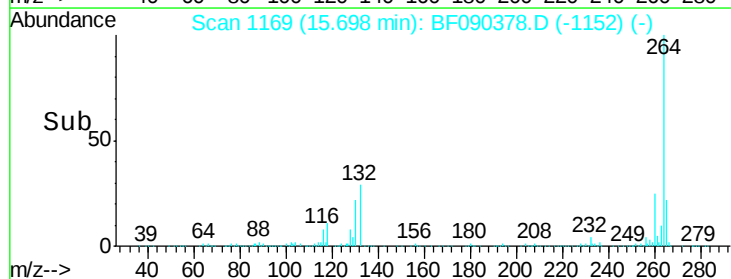
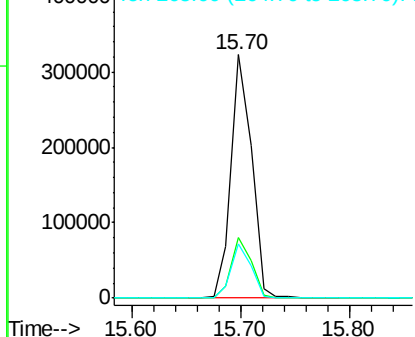


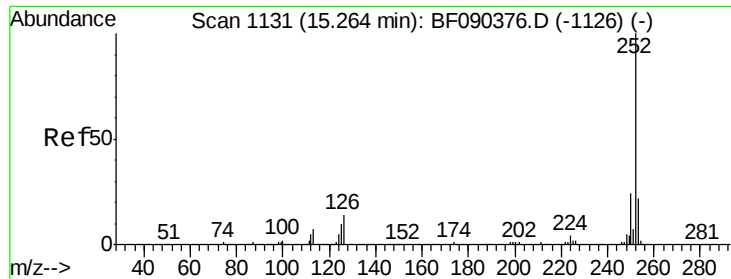
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	22.0	17.4	26.0



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





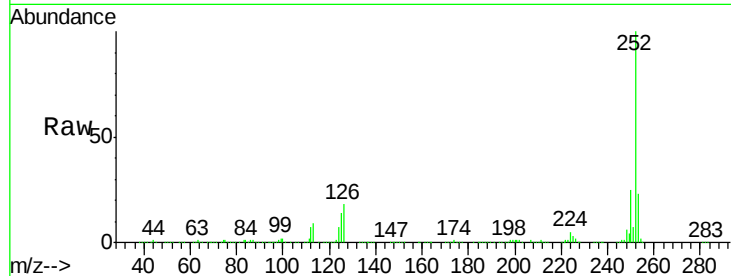
#87
Benzo(b)fluoranthene
Concen: 67.27 ng m
RT: 15.26 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	13.5	7.0	10.4

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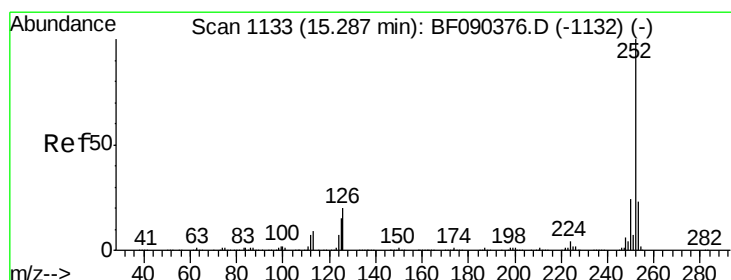
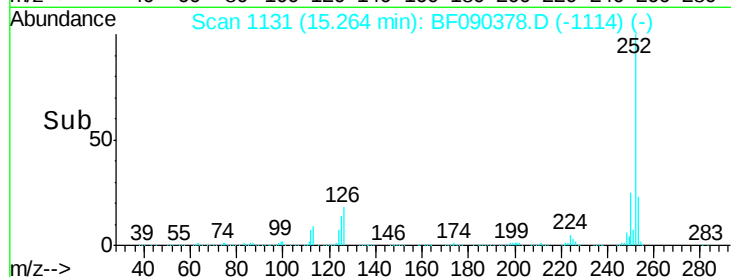
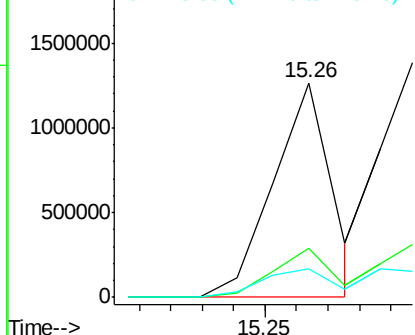


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 71.02 ng m
RT: 15.30 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

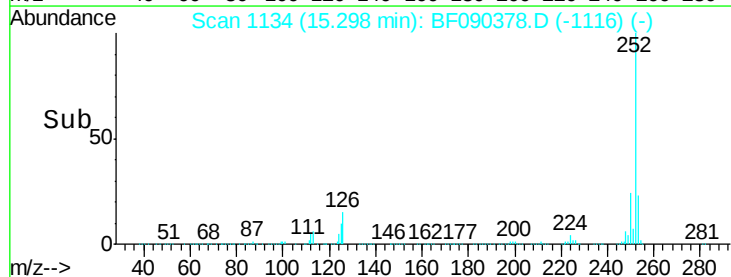
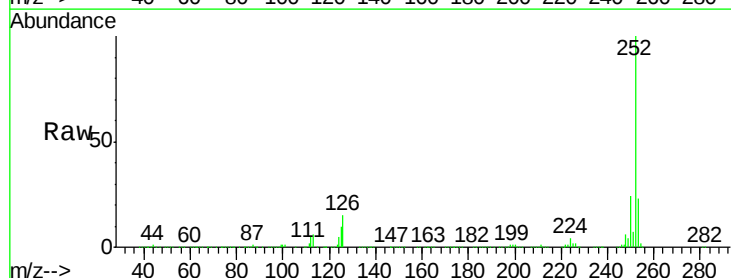
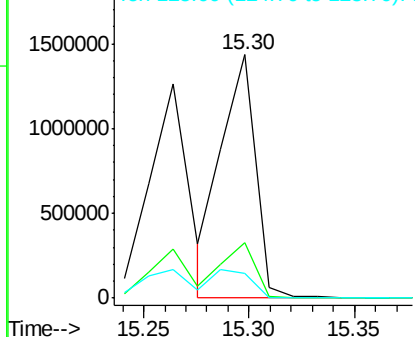
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	10.4	11.7	17.5

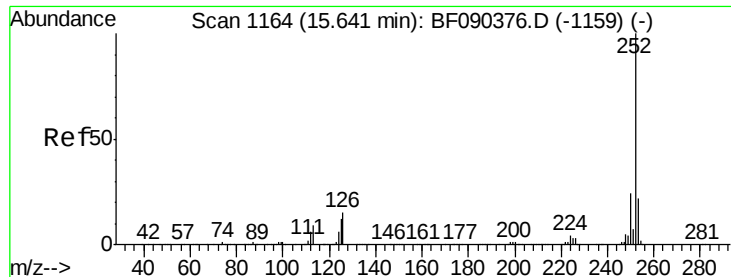
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





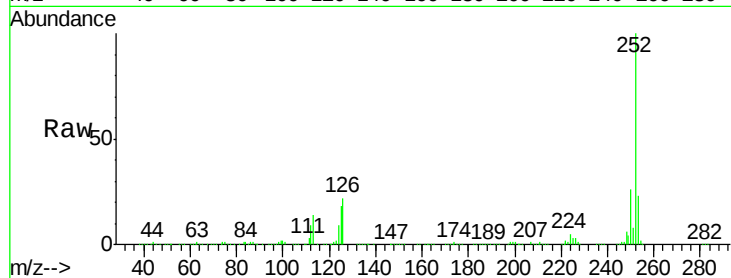
#89
Benzo(a)pyrene
Concen: 64.51 ng
RT: 15.64 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

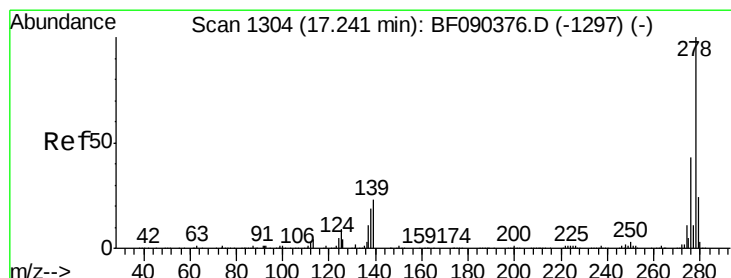
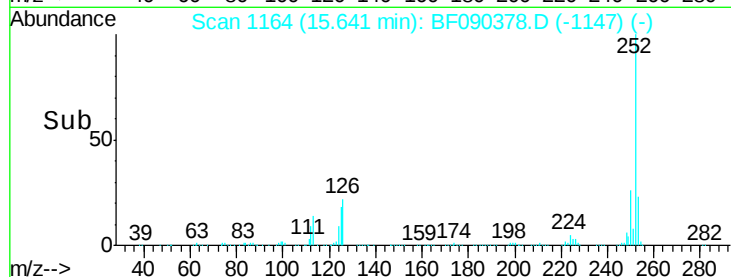
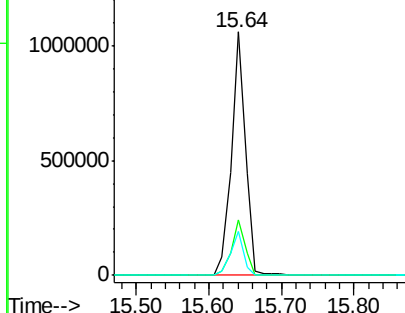
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	17.9	9.8	14.8

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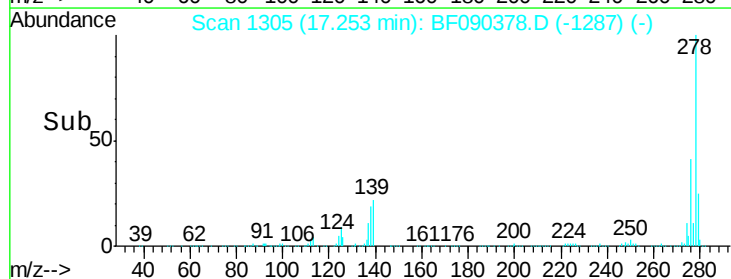
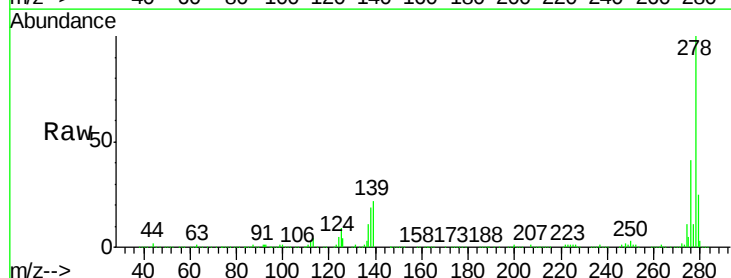
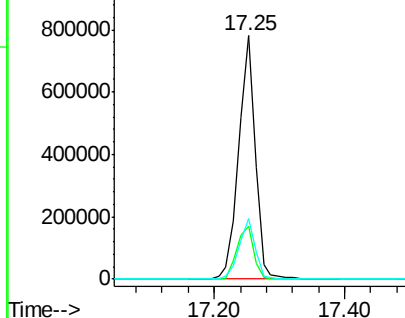
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

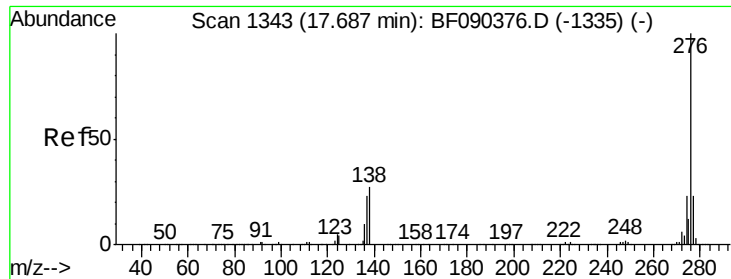


#90
Dibenzo(a,h)anthracene
Concen: 62.84 ng
RT: 17.25 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF090378.D
Acq: 5 Oct 2016 13:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	12.8	19.2
279	24.7	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





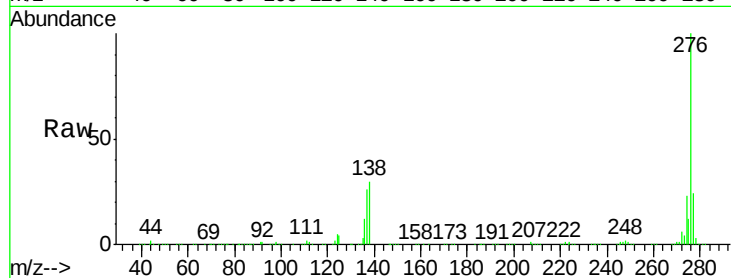
#91
 Benzo(a,h,i)perylene
 Concen: 61.67 ng
 RT: 17.70 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF090378.D
 Acq: 5 Oct 2016 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	30.2	20.8	31.2

Manual Integrations
 APPROVED

SOHIL
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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

