

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090838.D
 Acq On : 26 Oct 2016 13:00
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

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 10/27/2016 3:44:18 PM

Quant Time: Oct 26 14:03:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 13:46:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	201193	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	820425	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	492451	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	793942	20.00	ng	0.00
75) Chrysene-d12	13.96	240	701312	20.00	ng	0.00
86) Perylene-d12	15.37	264	548455	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	916729	73.48	ng	0.00
7) Phenol-d6	6.43	99	1301087	77.00	ng	0.00
23) Nitrobenzene-d5	7.37	82	1100251	73.55	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	389456	99.92	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	2163340	68.20	ng	0.00
78) Terphenyl-d14	12.91	244	2329065	76.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	243298	33.70	ng	# 74
3) Pyridine	3.05	79	680443	40.23	ng	# 68
4) n-Nitrosodimethylamine	3.00	42	176811	30.55	ng	# 57
6) Aniline	6.45	93	751461	39.22	ng	# 54
8) 2-Chlorophenol	6.58	128	613954	41.00	ng	95
9) Benzaldehyde	6.34	77	320881	34.73	ng	# 86
10) Phenol	6.45	94	675453	35.56	ng	# 24
11) bis(2-Chloroethyl)ether	6.53	93	625482	39.19	ng	87
12) 1,3-Dichlorobenzene	6.73	146	614070m	40.82	ng	
13) 1,4-Dichlorobenzene	6.81	146	659426m	41.33	ng	
14) 1,2-Dichlorobenzene	6.97	146	587890	37.64	ng	98
15) Benzyl Alcohol	6.94	79	450017	39.21	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	7.07	45	648735	27.14	ng	60
17) 2-Methylphenol	7.06	107	469510	41.61	ng	# 85
18) Hexachloroethane	7.30	117	221493	34.20	ng	92
19) n-Nitroso-di-n-propylamine	7.22	70	404029	32.11	ng	# 69
20) 3+4-Methylphenols	7.22	107	568228	42.48	ng	# 86
22) Acetophenone	7.21	105	715332	39.12	ng	# 85
24) Nitrobenzene	7.38	77	525803	32.42	ng	# 70
25) Isophorone	7.62	82	1019436	36.00	ng	# 89
26) 2-Nitrophenol	7.70	139	352200	53.16	ng	# 83
27) 2,4-Dimethylphenol	7.74	122	540936	46.05	ng	# 84
28) bis(2-Chloroethoxy)methane	7.84	93	655742	42.33	ng	# 93
29) 2,4-Dichlorophenol	7.94	162	464245	48.16	ng	92
30) 1,2,4-Trichlorobenzene	8.02	180	521952	46.01	ng	96
31) Naphthalene	8.10	128	1457852	36.33	ng	97
32) Benzoic acid	7.89	122	361781	44.37	ng	# 68
33) 4-Chloroaniline	8.16	127	718300	48.26	ng	# 93
34) Hexachlorobutadiene	8.22	225	328106	51.43	ng	99
35) Caprolactam	8.54	113	153494	55.75	ng	# 80
36) 4-Chloro-3-methylphenol	8.65	107	499629	44.56	ng	94
37) 2-Methylnaphthalene	8.80	142	1119314	47.72	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	505466	38.01	ng	98
40) Hexachlorocyclopentadiene	8.94	237	241016	38.61	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	330337	40.06	nq	100
43) 2,4,5-Trichlorophenol	9.12	196	380760	45.50	nq	98
45) 1,1'-Biphenyl	9.26	154	1410453	36.47	nq	93
46) 2-Chloronaphthalene	9.29	162	1090962	37.95	nq	96
47) 2-Nitroaniline	9.38	65	296762	31.10	nq	# 75
48) Acenaphthylene	9.70	152	1698108	38.72	nq	95
49) Dimethylphthalate	9.57	163	1277137	41.27	nq	# 98
50) 2,6-Dinitrotoluene	9.63	165	314890	47.32	nq	92
51) Acenaphthene	9.87	154	1109100	38.09	nq	88
52) 3-Nitroaniline	9.80	138	318124	41.59	nq	# 90
53) 2,4-Dinitrophenol	9.90	184	154432	50.23	nq	# 87
54) Dibenzofuran	10.04	168	1455168	41.26	nq	# 88
55) 4-Nitrophenol	9.96	139	200674	45.47	nq	# 65
56) 2,4-Dinitrotoluene	10.03	165	389156	47.85	nq	# 92
57) Fluorene	10.38	166	1218157	41.67	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.16	232	296701	45.18	nq	98
59) Diethylphthalate	10.26	149	1215418	37.87	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	527251	39.47	nq	# 82
61) 4-Nitroaniline	10.42	138	309204	39.91	nq	# 68
62) Azobenzene	10.53	77	1099999	29.27	nq	85
64) 4,6-Dinitro-2-methylphenol	10.44	198	237420	46.95	nq	# 64
65) n-Nitrosodiphenylamine	10.50	169	979488	38.51	nq	91
66) 4-Bromophenyl-phenylether	10.86	248	344628	44.78	nq	99
67) Hexachlorobenzene	10.93	284	441798	48.64	nq	# 83
68) Atrazine	11.02	200	255626	36.41	nq	86
69) Pentachlorophenol	11.13	266	231652	47.95	nq	98
70) Phenanthrene	11.35	178	1683610	41.60	nq	95
71) Anthracene	11.39	178	1604541	35.75	nq	96
72) Carbazole	11.55	167	1504402	40.09	nq	# 93
73) Di-n-butylphthalate	11.88	149	1864903	38.32	nq	# 97
74) Fluoranthene	12.53	202	1803424	46.07	nq	88
76) Benzidine	12.66	184	620802	39.87	nq	# 95
77) Pyrene	12.76	202	1836341m	37.49	nq	
79) Butylbenzylphthalate	13.38	149	776644	34.49	nq	# 84
80) Benzo(a)anthracene	13.95	228	1443266	37.61	nq	95
81) 3,3'-Dichlorobenzidine	13.92	252	626276	47.09	nq	# 94
82) Chrysene	13.99	228	1465839	39.13	nq	93
83) Bis(2-ethylhexyl)phthalate	13.95	149	1068299	33.16	nq	98
84) Di-n-octyl phthalate	14.56	149	1716269	35.11	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.75	276	1219394	37.31	nq	# 91
87) Benzo(b)fluoranthene	14.97	252	1685496m	49.98	nq	
88) Benzo(k)fluoranthene	15.00	252	1124516m	33.18	nq	
89) Benzo(a)pyrene	15.32	252	1339985	42.35	nq	# 85
90) Dibenzo(a,h)anthracene	16.76	278	1081004	35.58	nq	# 81
91) Benzo(g,h,i)perylene	17.15	276	993975	33.73	nq	# 81

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

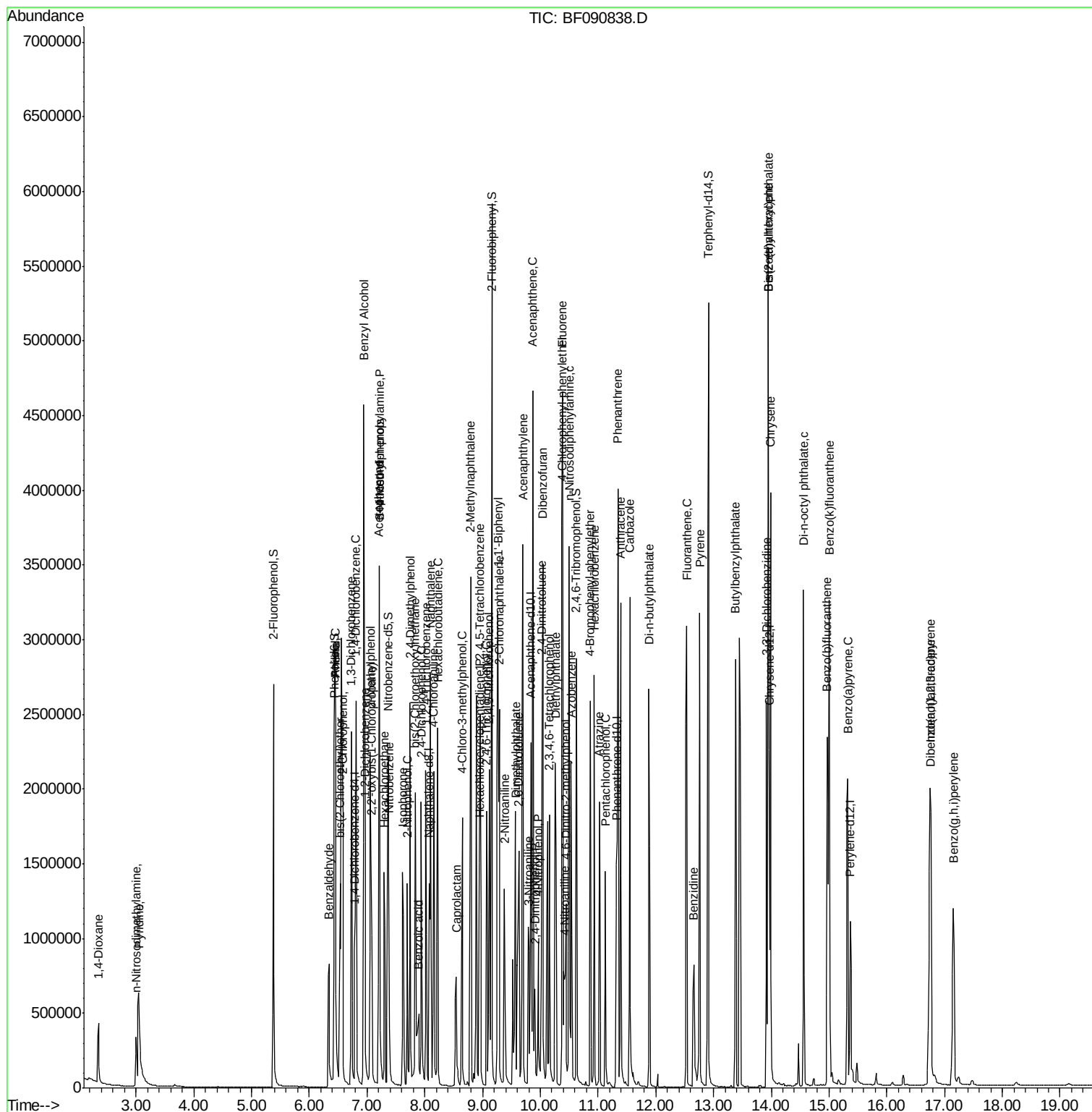
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Operator  : UM/SJ
Sample    : SSTDICCC040
Misc      :
ALS Vial  : 6      Sample Multiplier: 1
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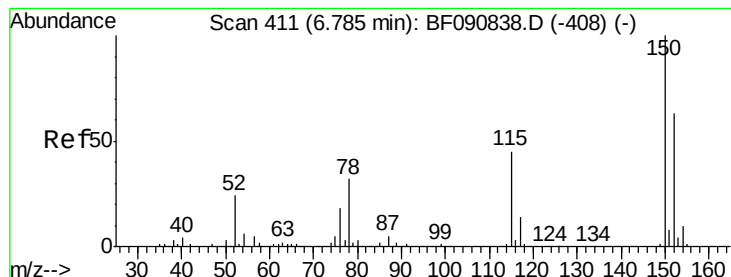
Instrument :
BNA_F
ClientSampleId :
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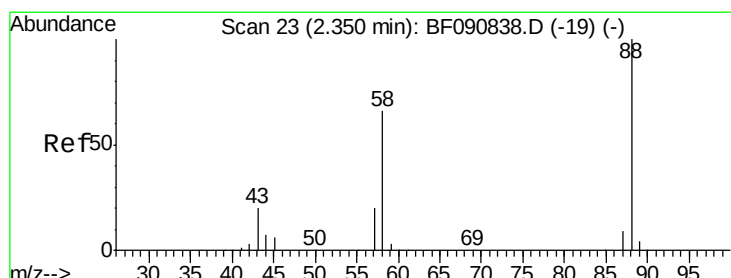
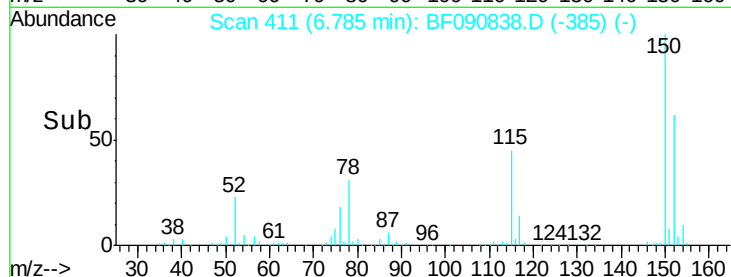
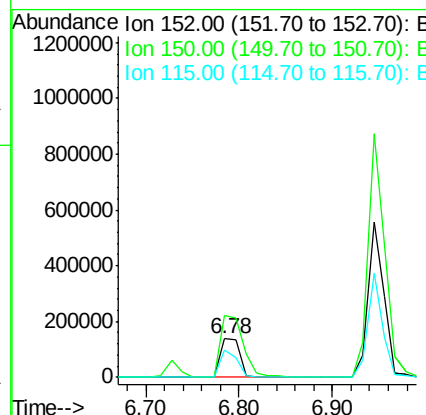
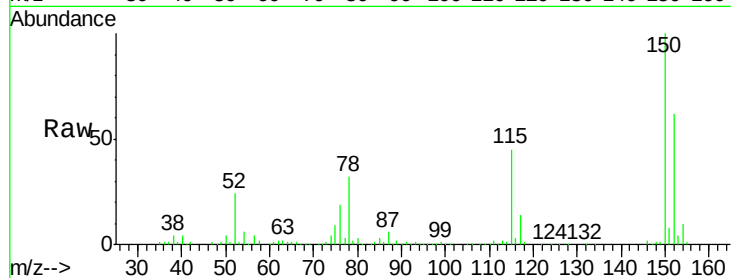
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.7	187.1
115	72.3	39.0	58.4#

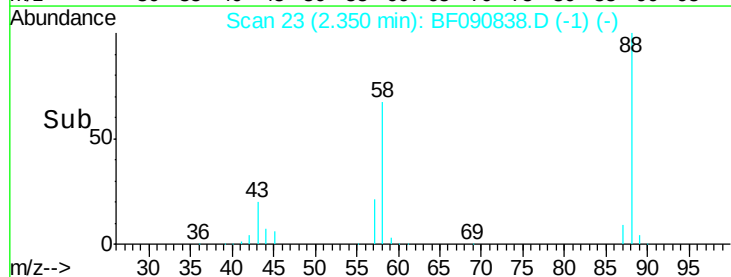
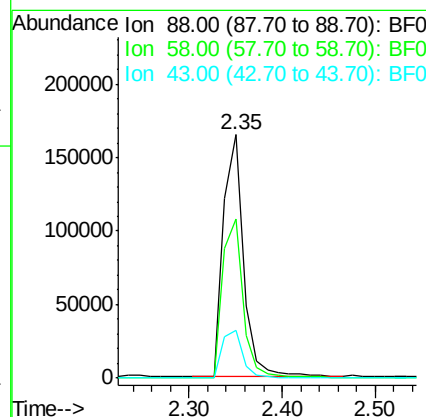
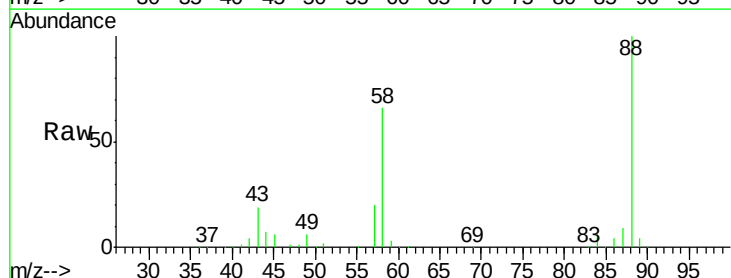
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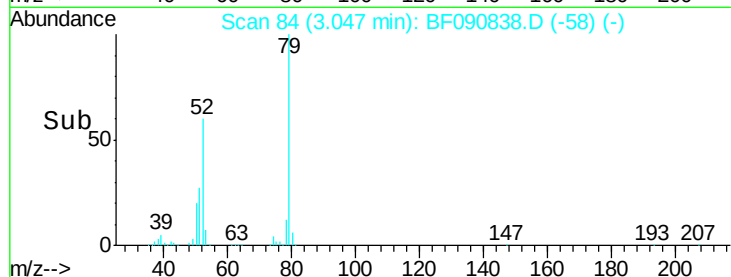
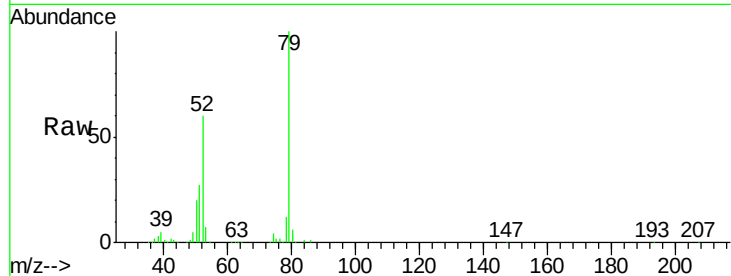
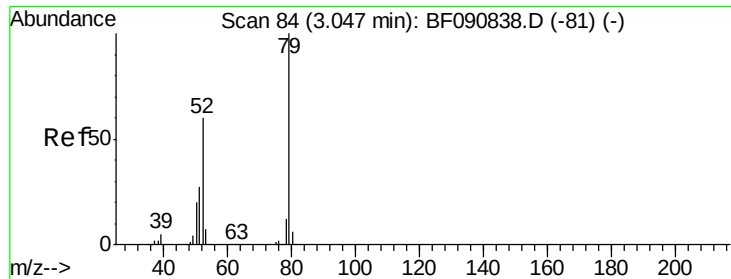
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#2
 1,4-Dioxane
 Concen: 33.70 ng
 RT: 2.35 min Scan# 23
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	77.7	116.5#
43	20.9	26.6	40.0#





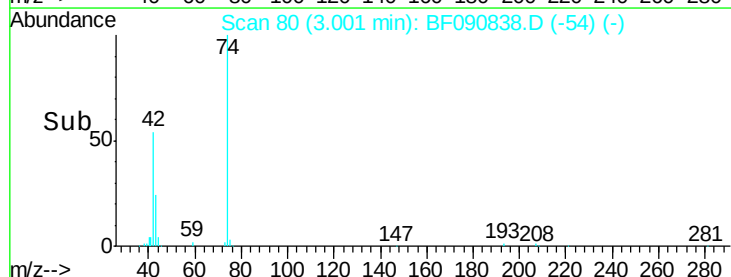
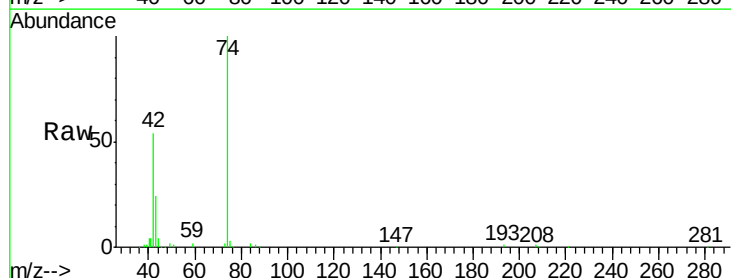
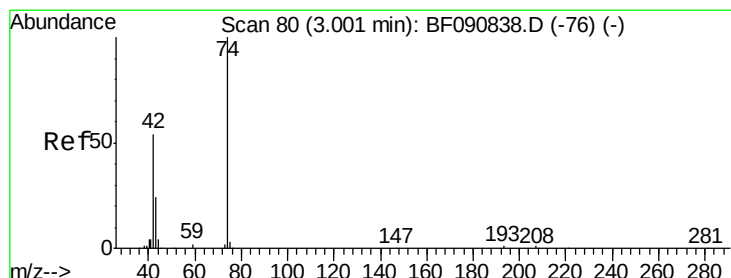
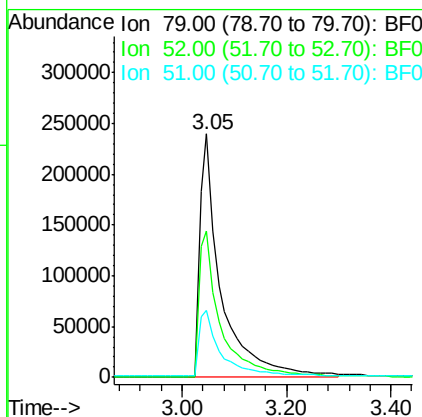
#3
 Pvridine
 Concen: 40.23 ng
 RT: 3.05 min Scan# 84
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	680443		
52	52	60.3		76.8	115.2#
51	51	27.5		32.2	48.4#

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

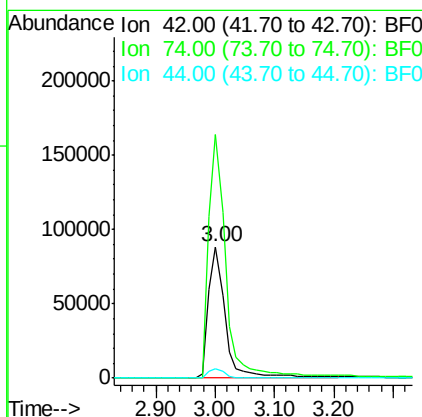
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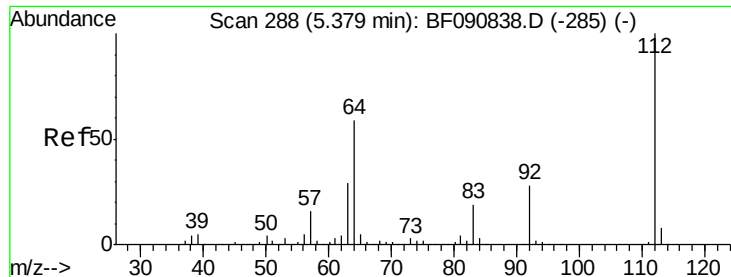
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#4
 n-Nitrosodimethylamine
 Concen: 30.55 ng
 RT: 3.00 min Scan# 80
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	176811		
74	74	185.2		105.0	157.6#
44	44	7.1		6.6	10.0





#5

2-Fluorophenol

Concen: 73.48 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

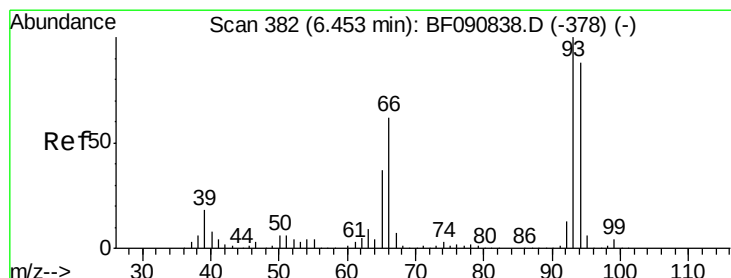
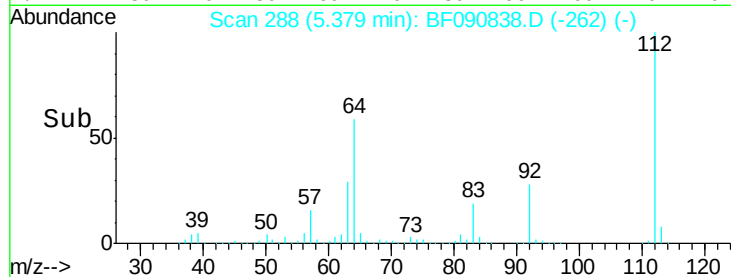
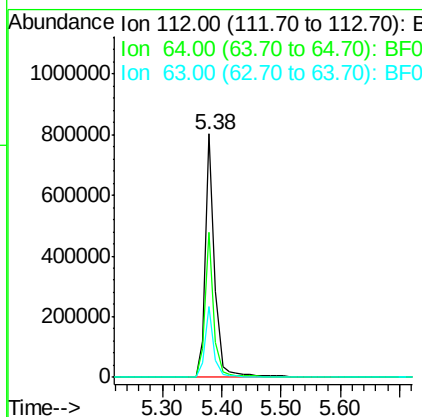
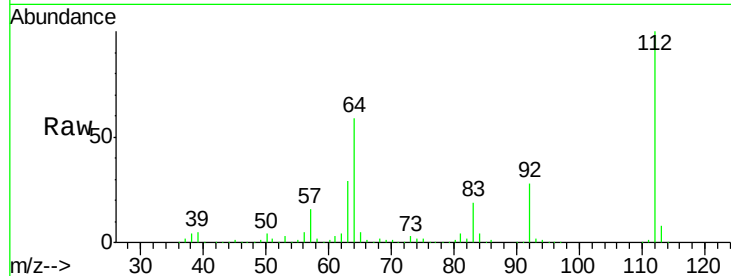
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.4	39.7	59.5
63	29.0	17.4	26.0#

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#6

Aniline

Concen: 39.22 ng

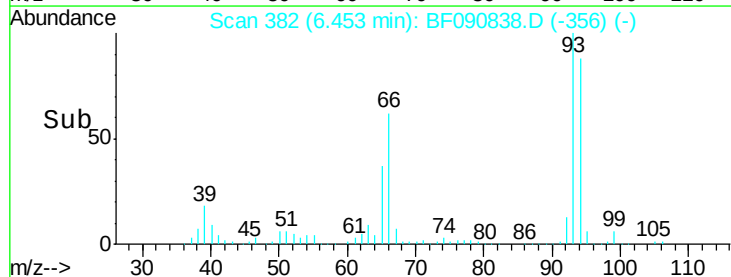
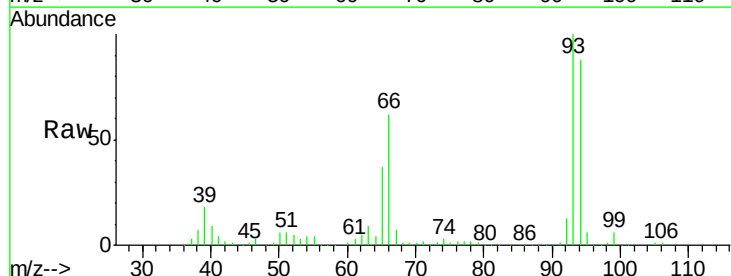
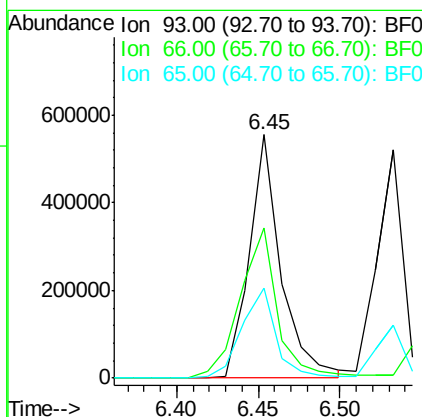
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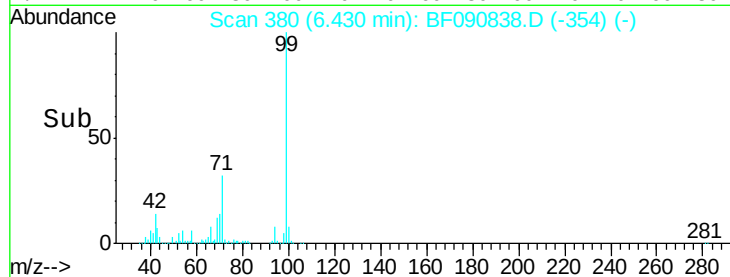
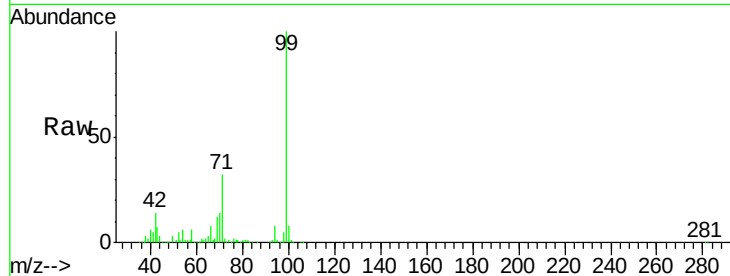
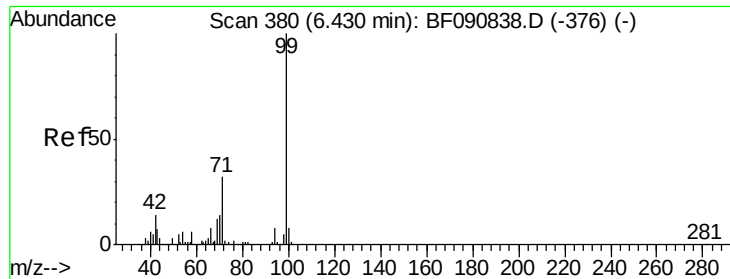
Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
93	100		
66	61.9	27.2	40.8#
65	37.0	14.7	22.1#





#7

Phenol-d6

Concen: 77.00 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tot Ion: 99 Resp: 1301087

Ion Ratio Lower Upper

99 100

42 14.4 13.7 20.5

71 31.5 14.2 21.2#

Instrument :

BNA_F

ClientSampleId :

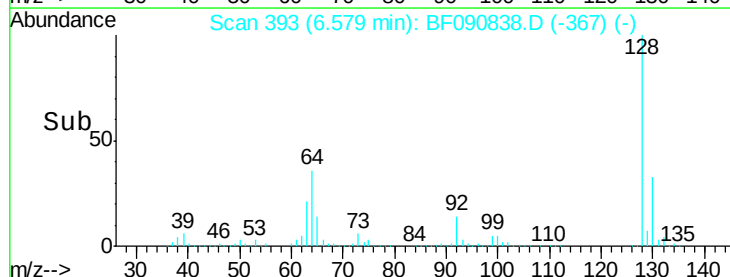
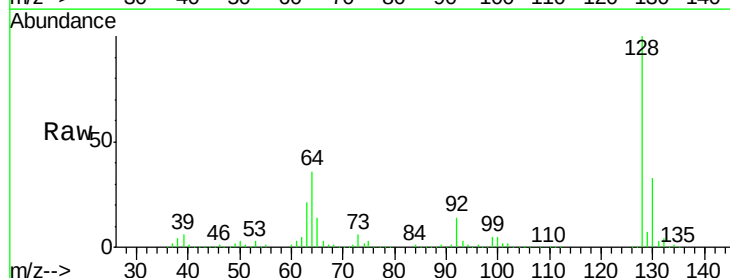
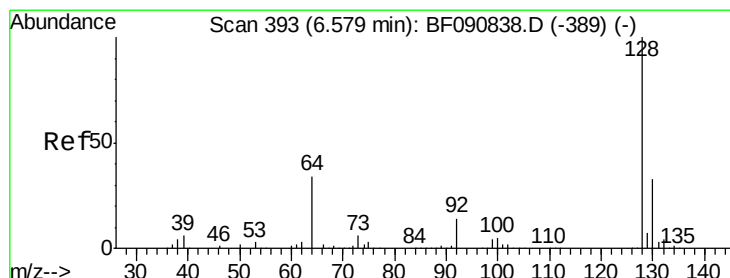
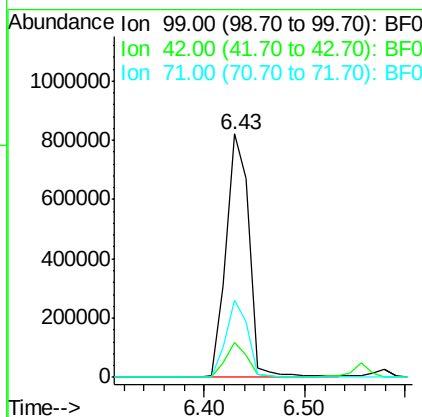
SSTDICCC040

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#8

2-Chlorophenol

Concen: 41.00 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

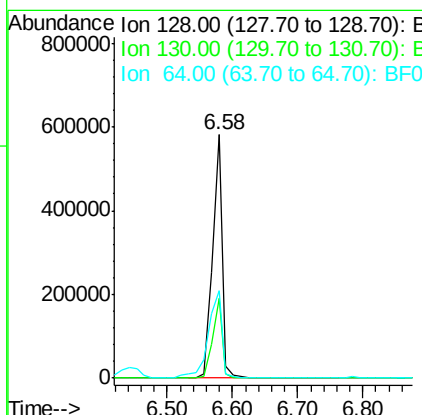
Tgt Ion: 128 Resp: 613954

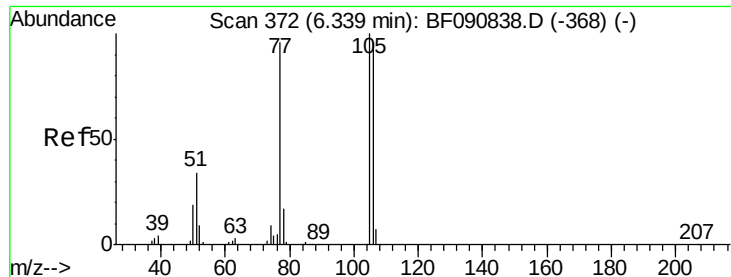
Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

64 36.0 20.5 60.5





#9

Benzaldehyde

Concen: 34.73 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

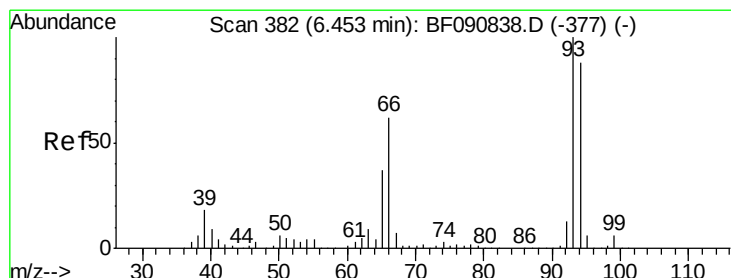
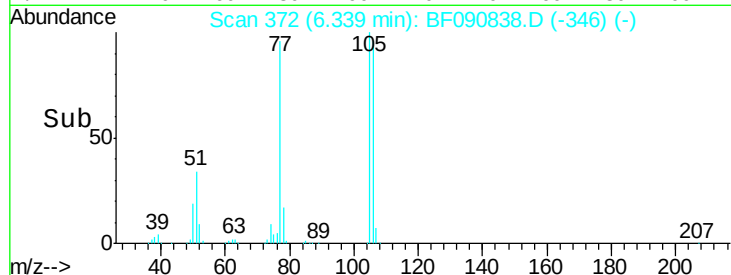
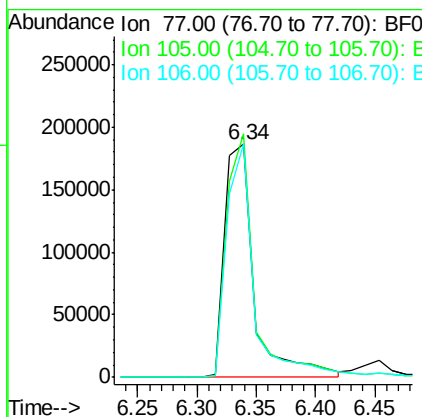
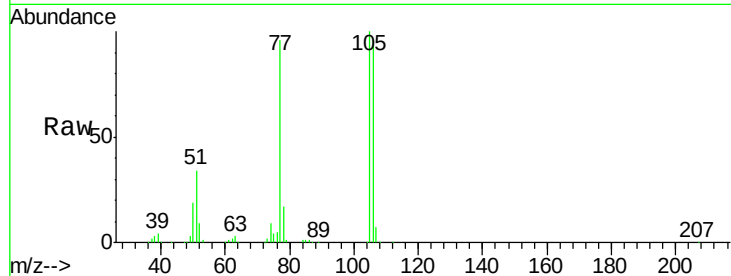
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.4	91.6	131.6
106	100.1	102.6	142.6#

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#10

Phenol

Concen: 35.56 ng

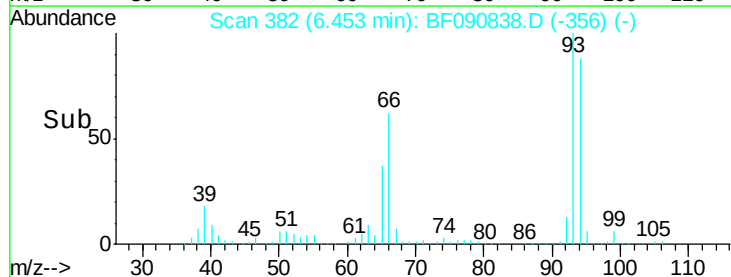
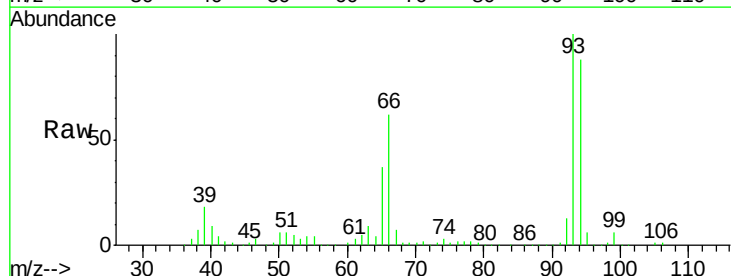
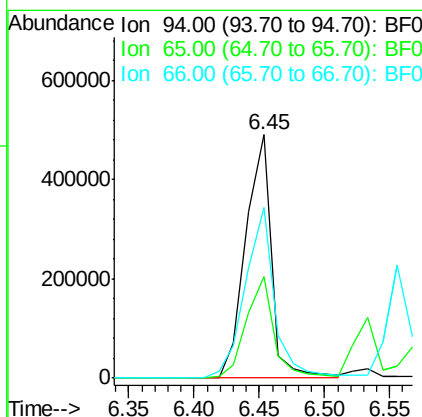
RT: 6.45 min Scan# 382

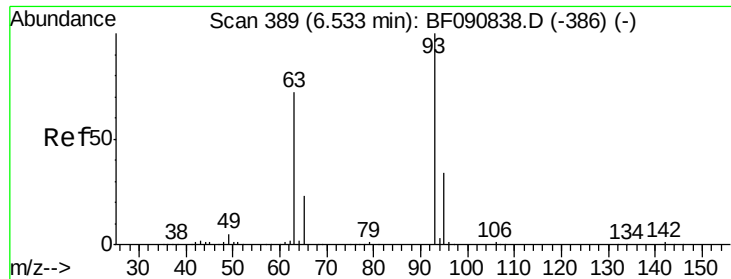
Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.9	0.7	40.7#
66	70.1	0.8	40.8#





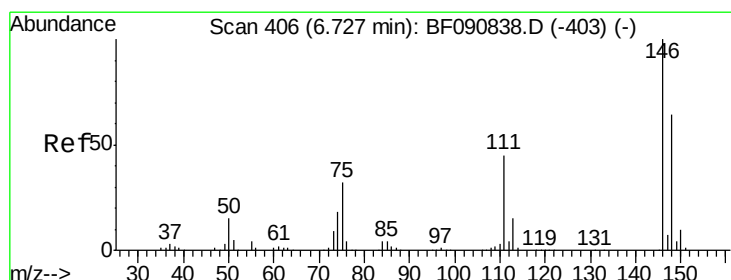
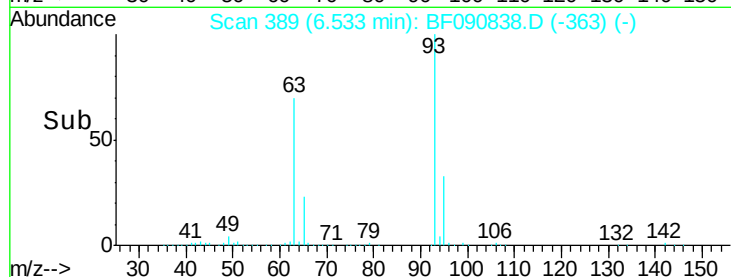
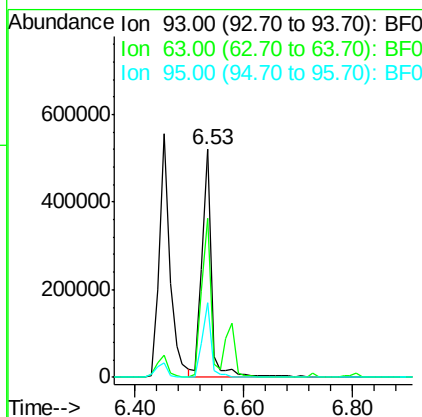
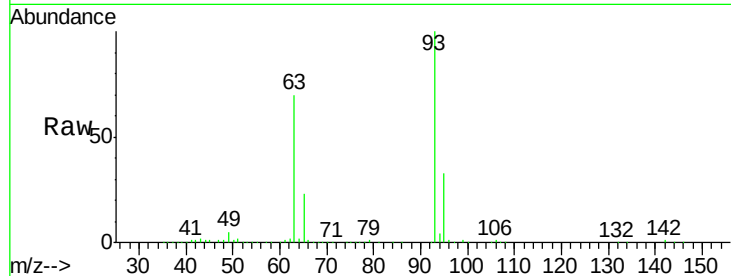
#11
bis(2-Chloroethyl)ether
Concen: 39.19 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.8	65.6	105.6
95	32.9	13.6	53.6

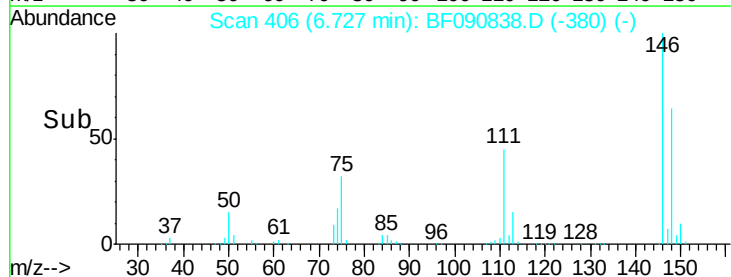
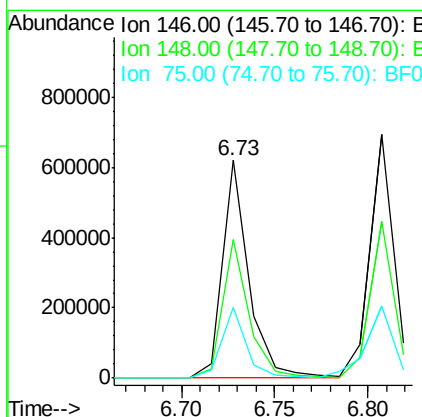
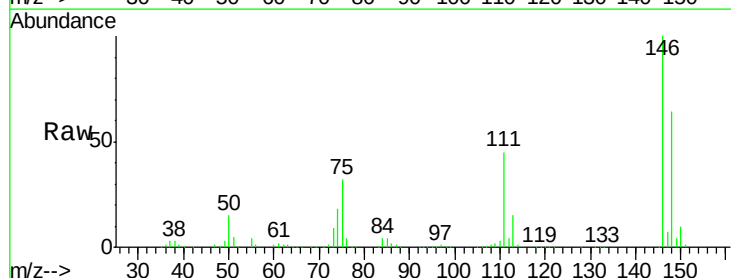
Manual Integrations
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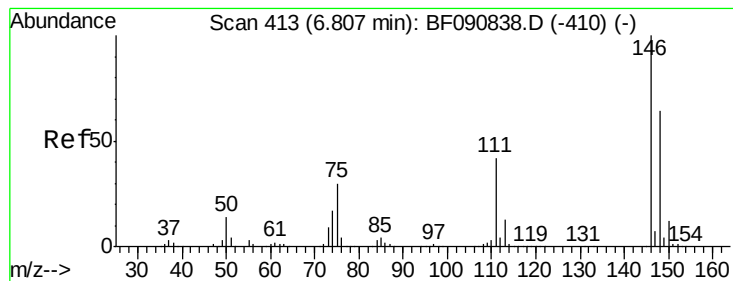
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#12
1,3-Dichlorobenzene
Concen: 40.82 ng m
RT: 6.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
75	32.5	15.0	22.6#





#13

1,4-Dichlorobenzene

Concen: 41.33 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:146 Resp: 659426

Ion Ratio Lower Upper

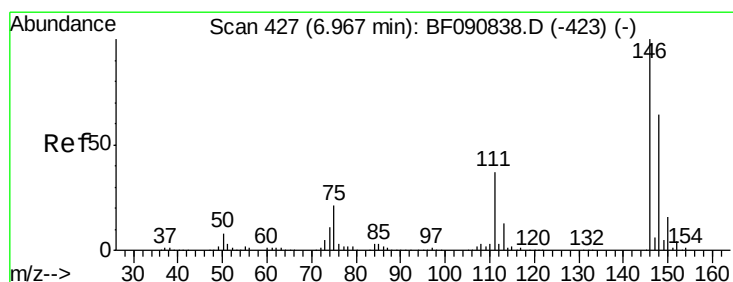
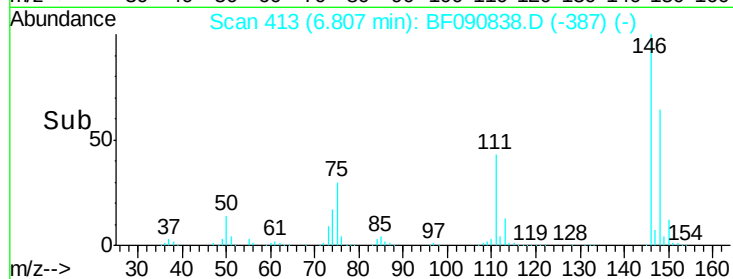
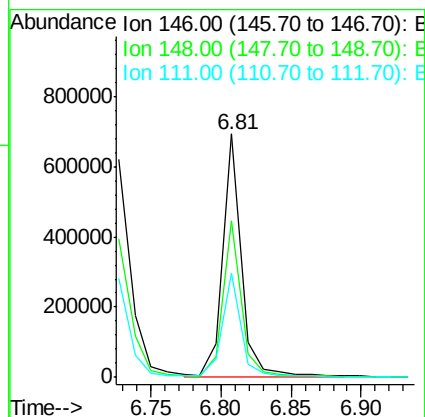
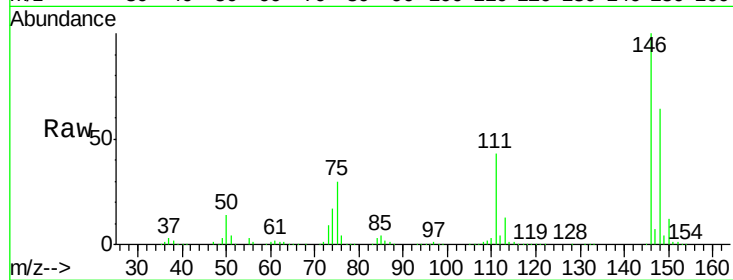
146 100

148 64.1 51.8 77.6

111 42.5 24.9 37.3

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.64 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

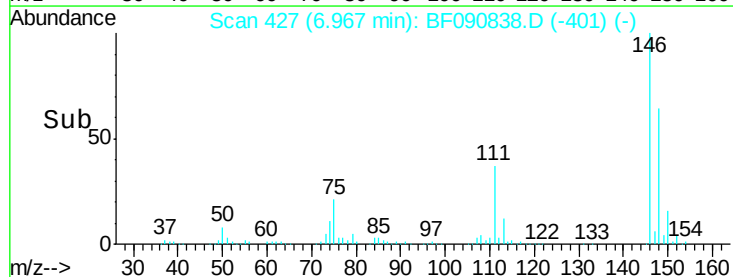
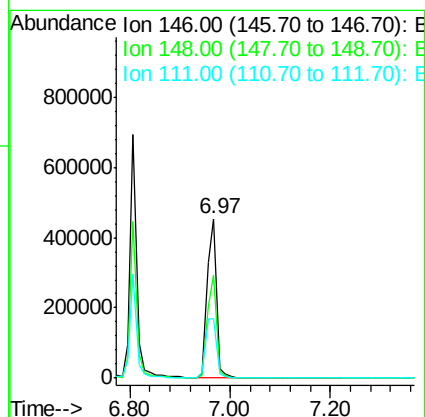
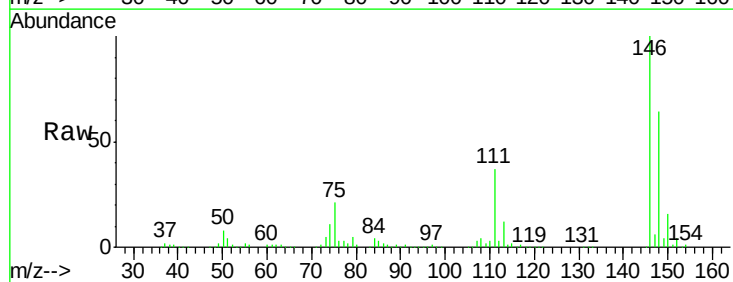
Tgt Ion:146 Resp: 587890

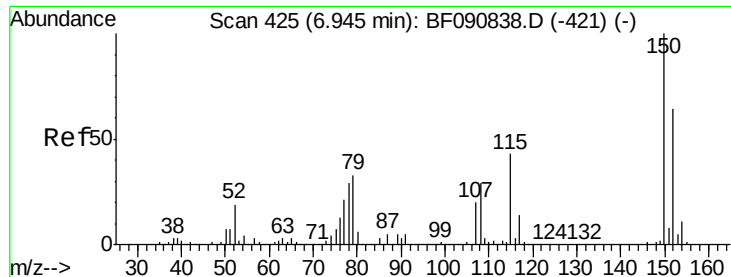
Ion Ratio Lower Upper

146 100

148 64.5 52.7 79.1

111 37.1 28.8 43.2





#15

Benzyl Alcohol

Concen: 39.21 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

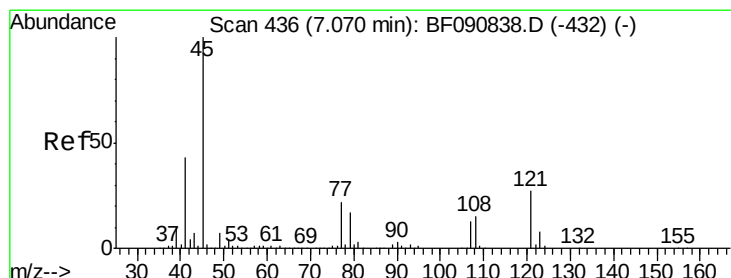
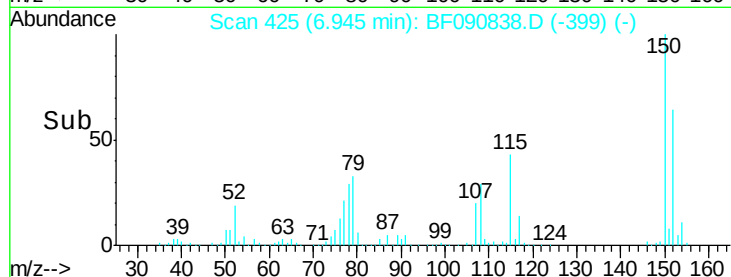
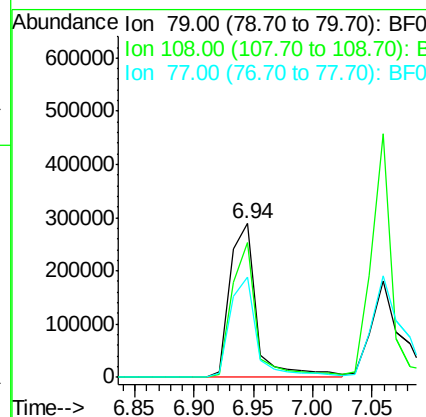
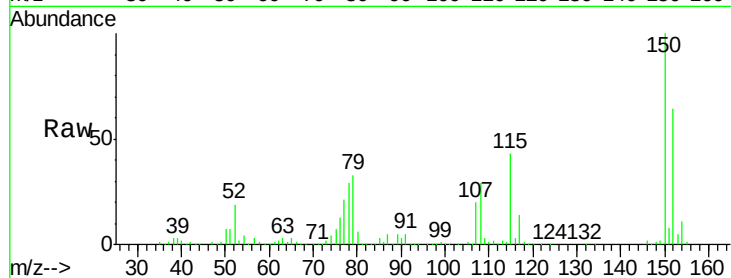
SSTDICCC040

Tot Ion: 79 Resp: 450017
Ion Ratio Lower Upper

79	100		
108	87.8	88.6	132.8#
77	64.8	47.0	70.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.14 ng

RT: 7.07 min Scan# 436

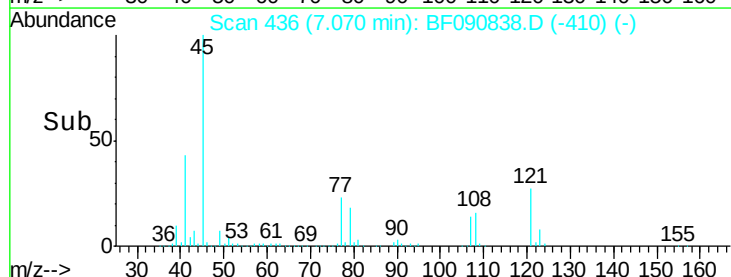
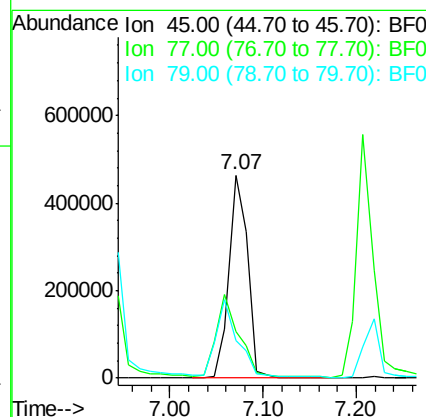
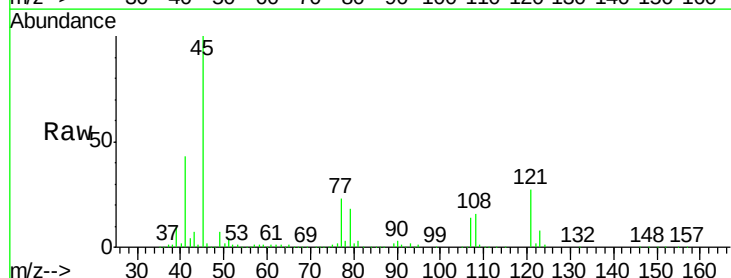
Delta R.T. 0.00 min

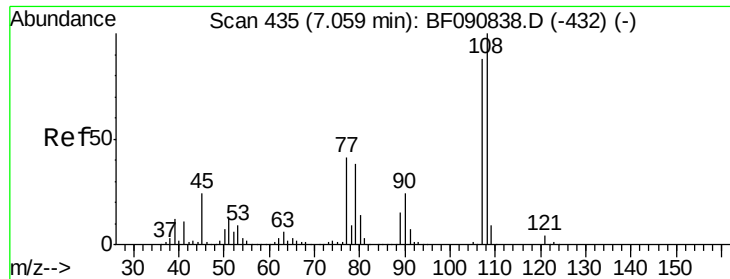
Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tgt Ion: 45 Resp: 648735
Ion Ratio Lower Upper

45	100		
77	22.9	0.0	28.1
79	18.5	0.0	26.0





#17

2-Methylphenol

Concen: 41.61 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

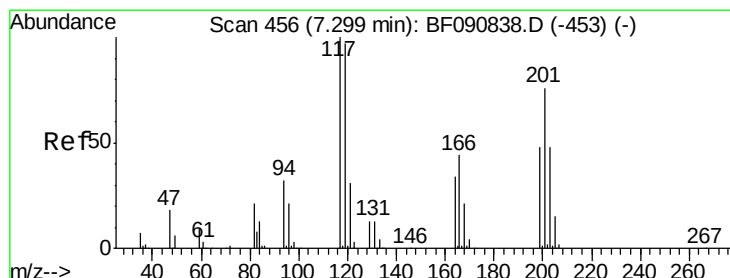
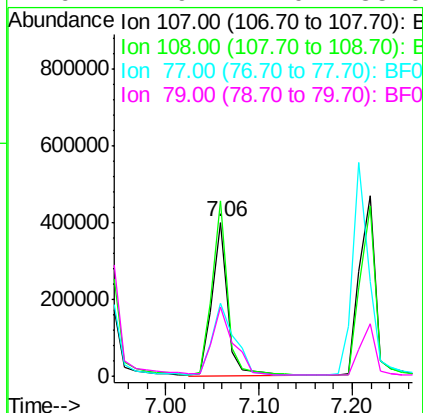
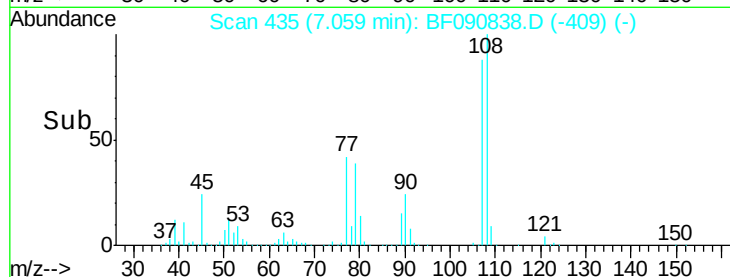
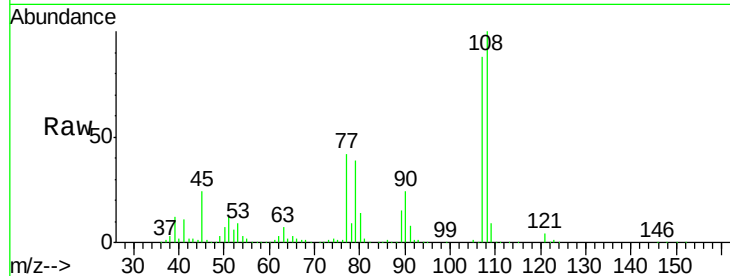
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	96.6	145.0	
77	47.7	23.3	34.9	
79	44.9	22.0	33.0	

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#18

Hexachloroethane

Concen: 34.20 ng

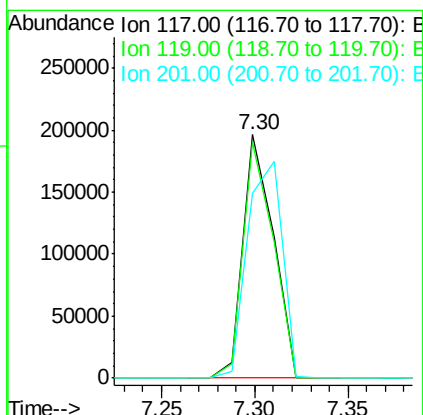
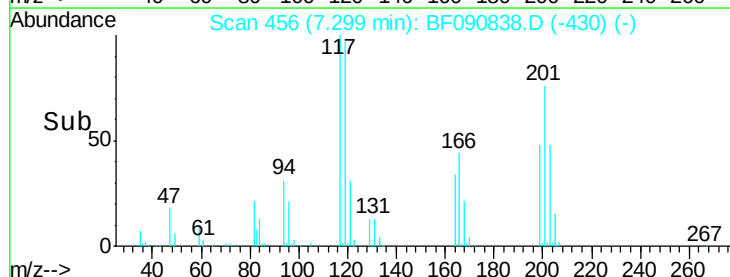
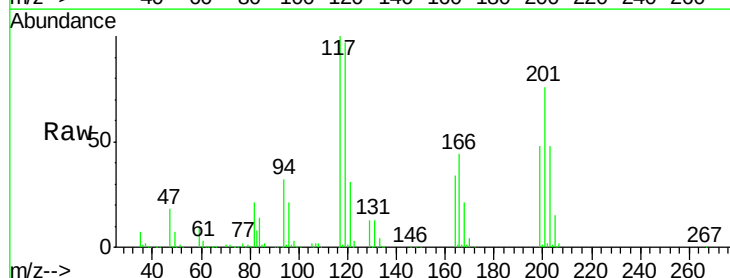
RT: 7.30 min Scan# 456

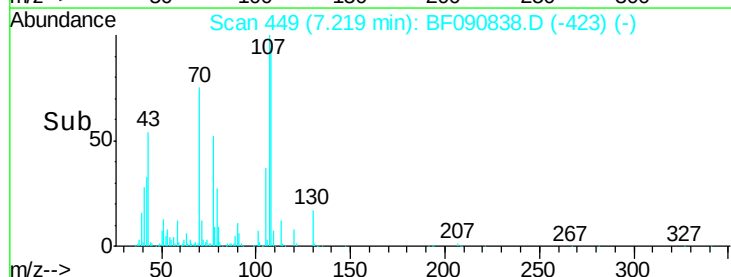
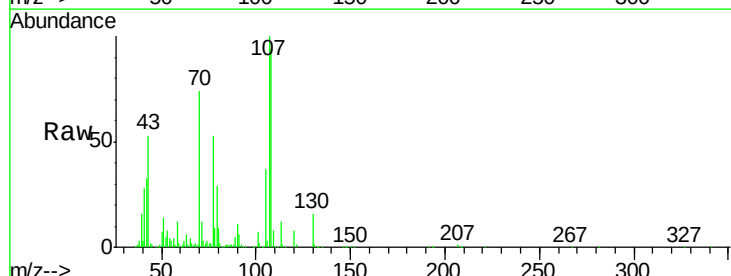
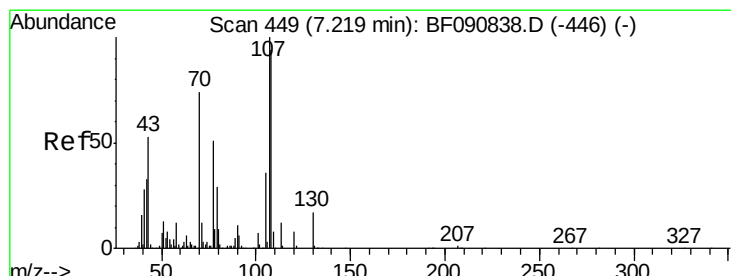
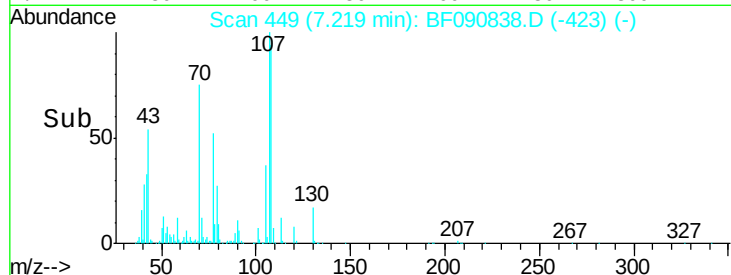
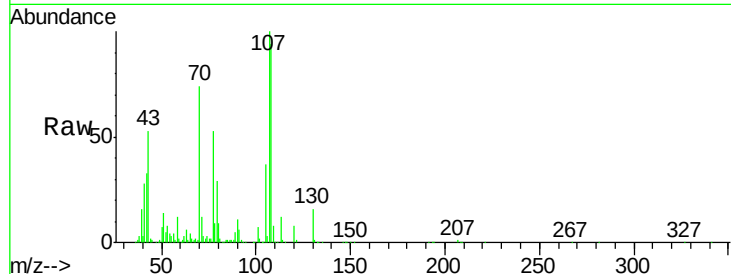
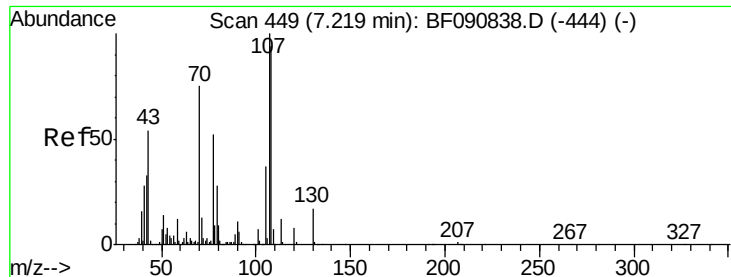
Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	83.8	125.6	
201	76.0	55.1	82.7	





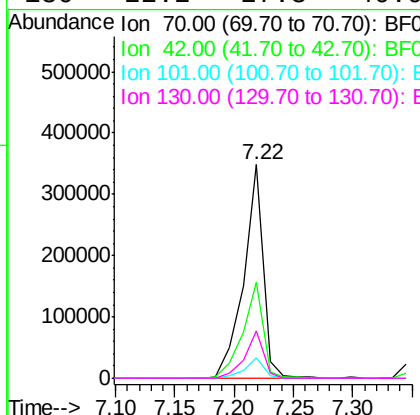
#19
n-Nitroso-di-n-propylamine
Concen: 32.11 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.8	63.8	95.6#
101	9.8	9.2	13.8
130	22.2	27.3	40.9#

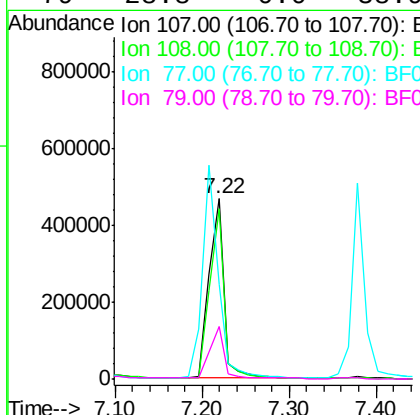
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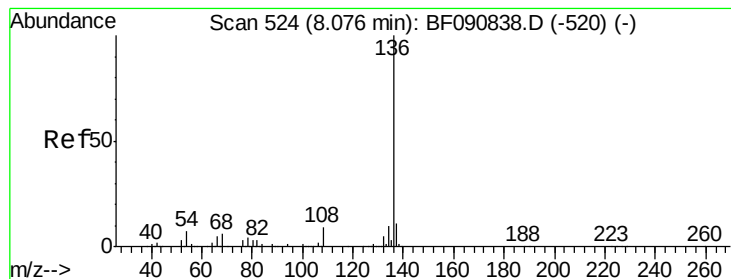
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#20
3+4-Methylphenols
Concen: 42.48 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.5	74.6	114.6
77	52.6	0.7	40.7#
79	28.8	0.0	38.9





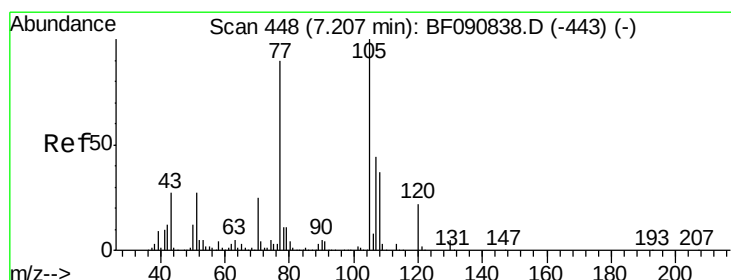
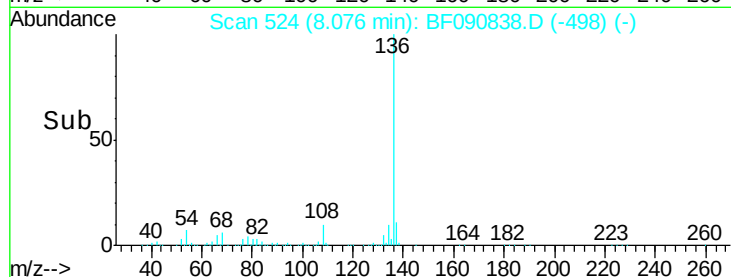
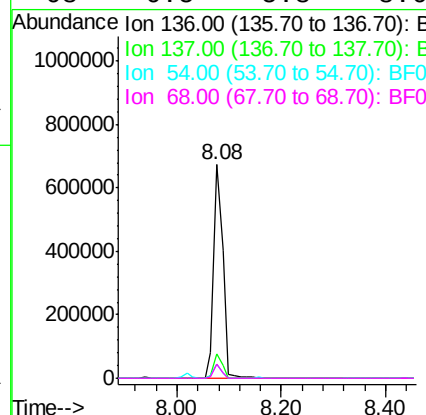
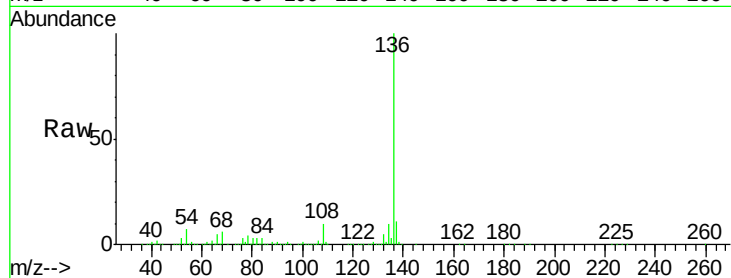
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	9.0	13.6	
54	6.9	8.2	12.2	
68	6.5	5.8	8.6	

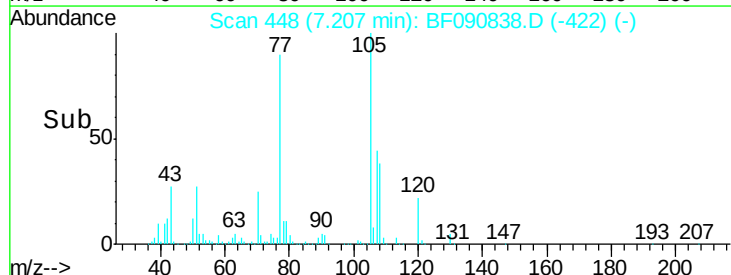
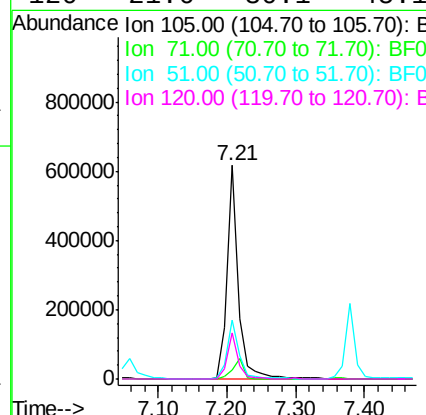
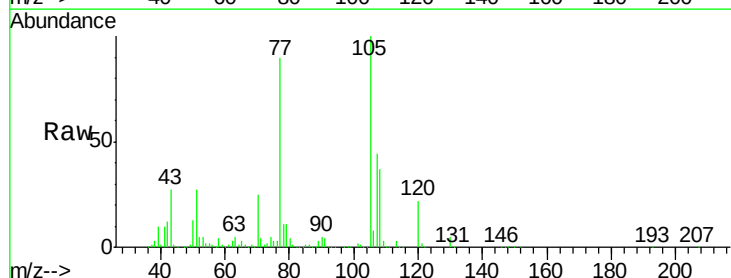
Manual Integrations
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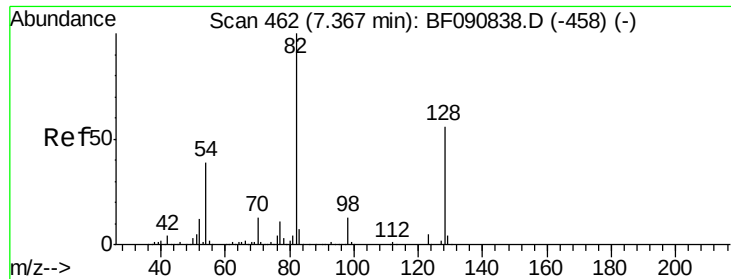
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#22
Acetophenone
Concen: 39.12 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	4.7	7.1	
51	27.4	22.0	33.0	
120	21.6	30.1	45.1	





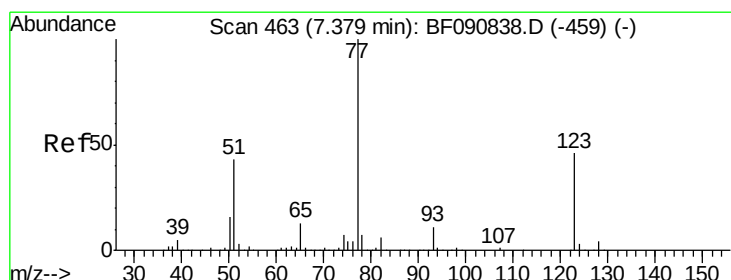
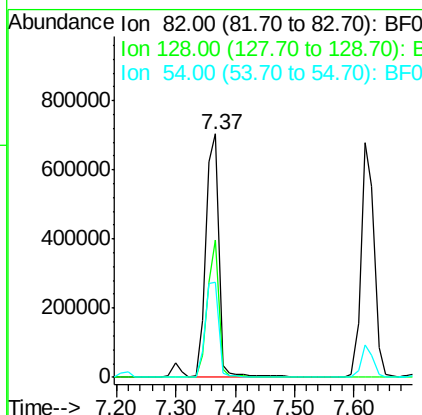
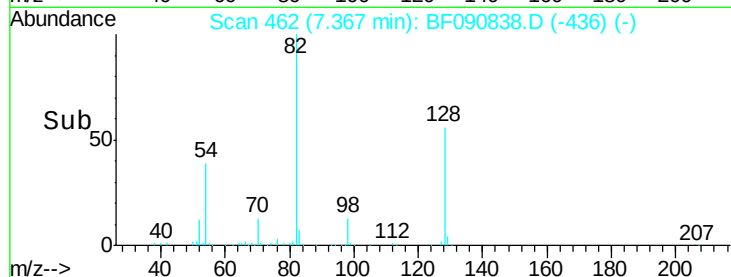
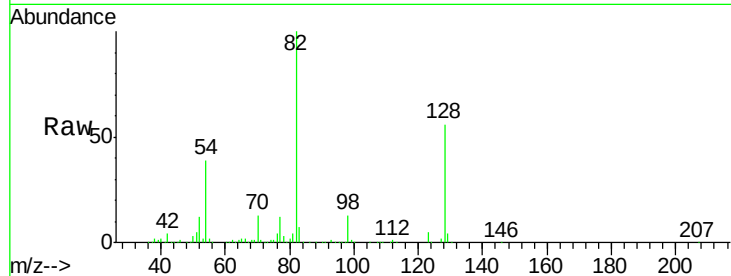
#23
 Nitrobenzene-d5
 Concen: 73.55 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	56.2	51.0	76.6
54	39.2	47.5	71.3#

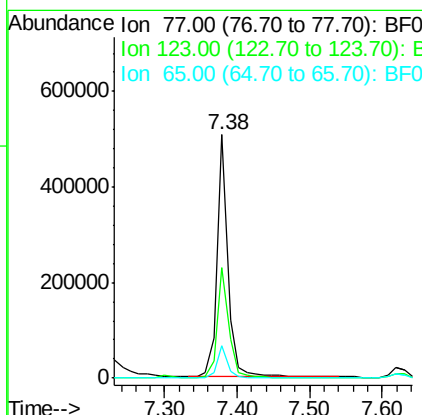
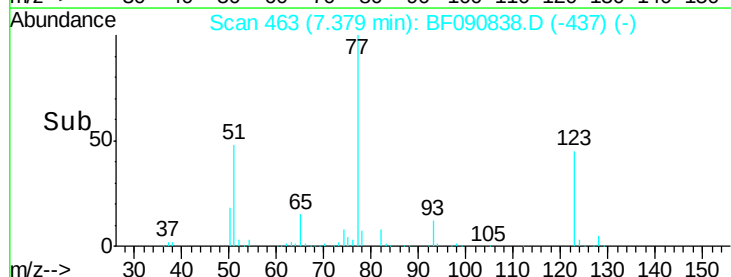
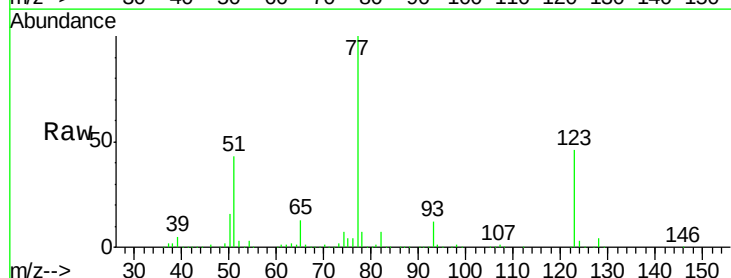
Manual Integrations
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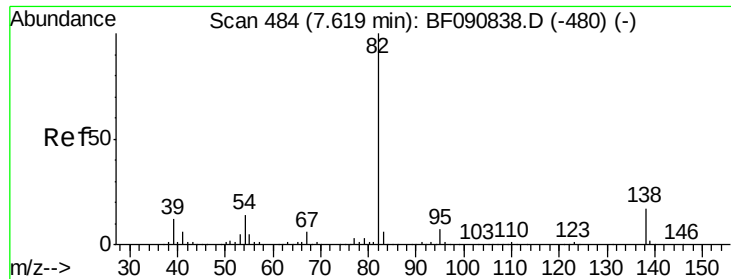
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#24
 Nitrobenzene
 Concen: 32.42 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	59.8	89.8#
65	13.4	10.2	15.4





#25

Isophorone

Concen: 36.00 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 1019436

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

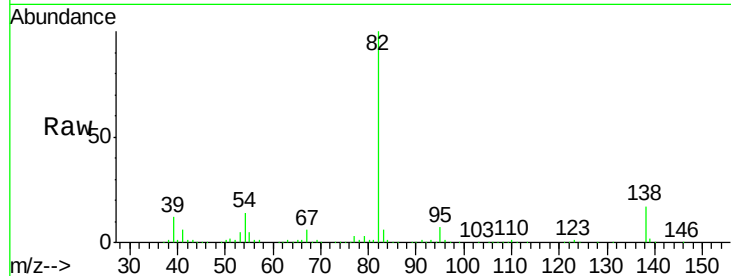
138 16.9 18.3 27.5#

Manual Integrations

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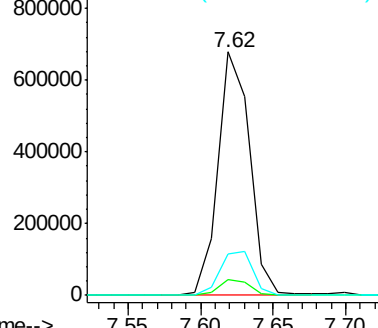
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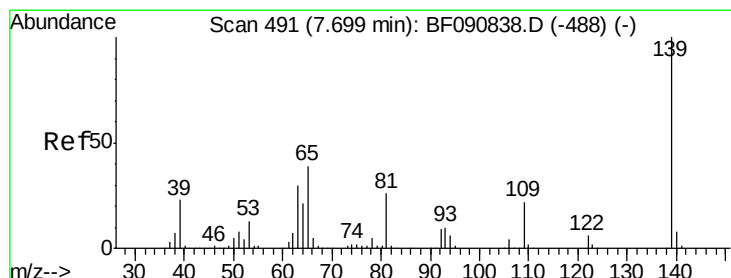
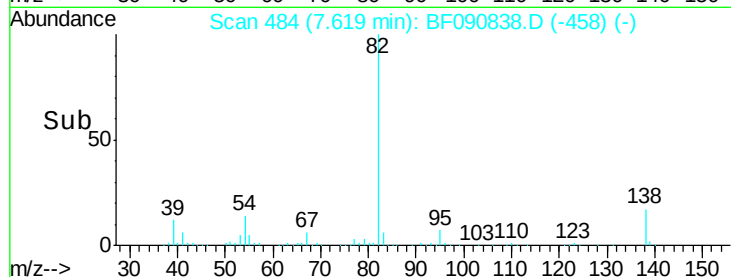
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



Time-->



#26

2-Nitrophenol

Concen: 53.16 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

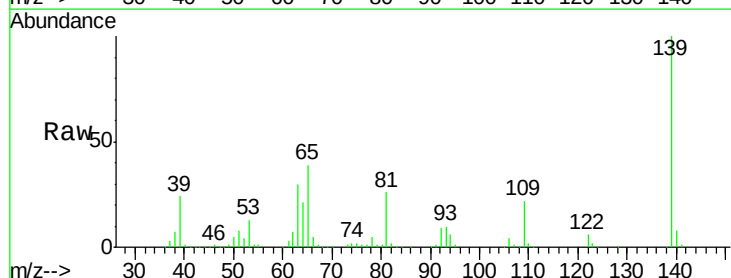
Tgt Ion: 139 Resp: 352200

Ion Ratio Lower Upper

139 100

109 22.4 11.0 16.4#

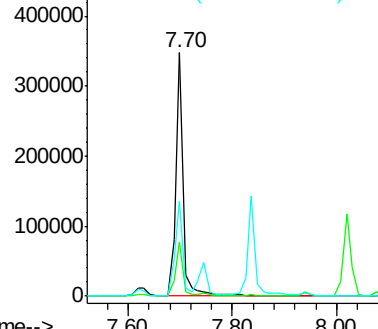
65 38.8 24.7 37.1#



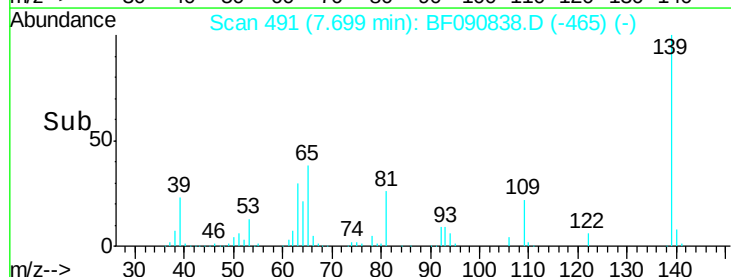
Abundance Ion 139.00 (138.70 to 139.70): E

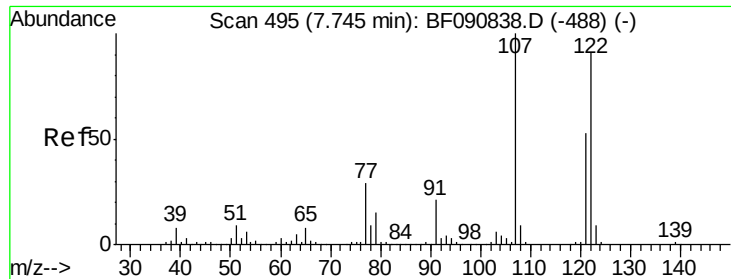
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->





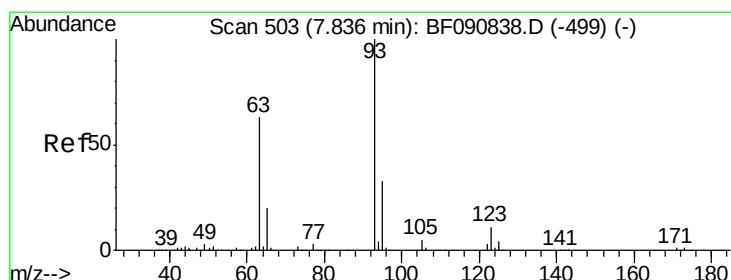
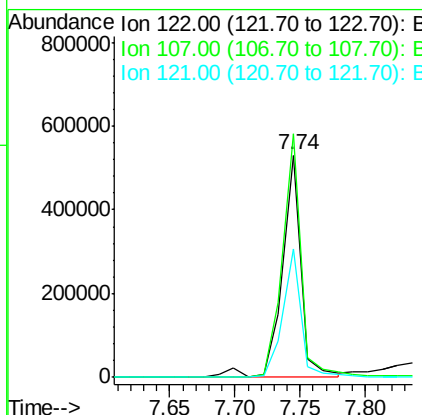
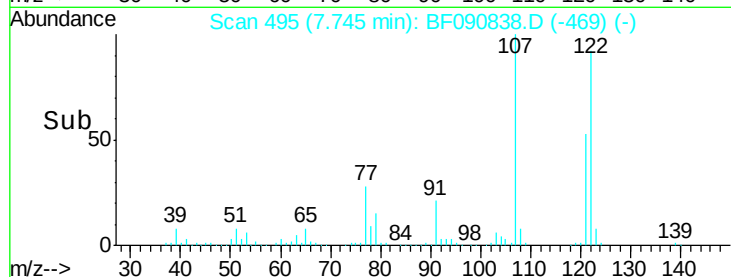
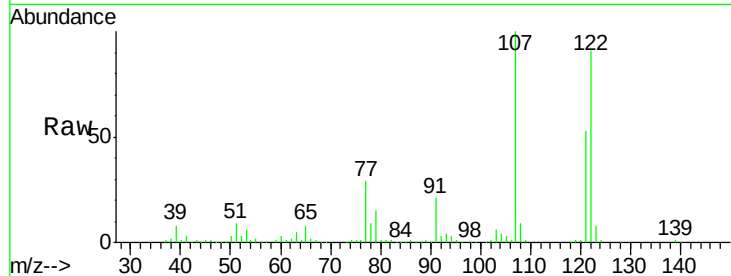
#27
 2,4-Dimethylphenol
 Concen: 46.05 ng
 RT: 7.74 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.6	71.8	107.6#
121	58.0	42.3	63.5

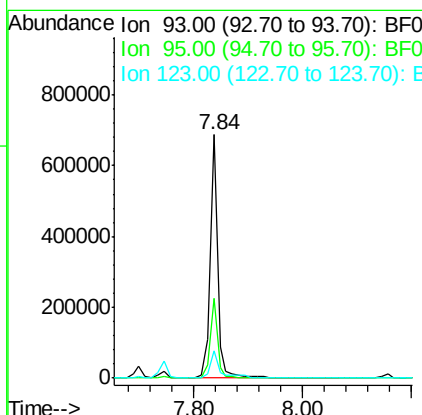
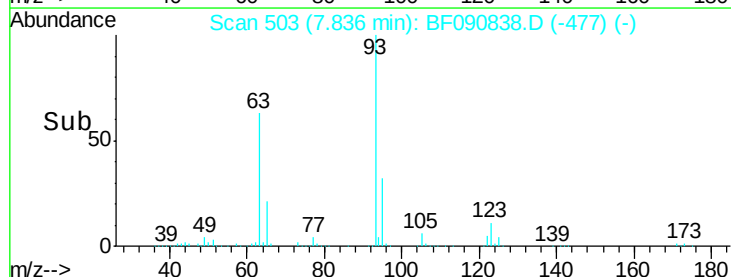
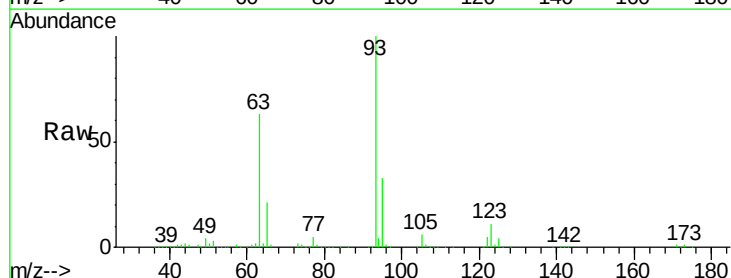
Manual Integrations
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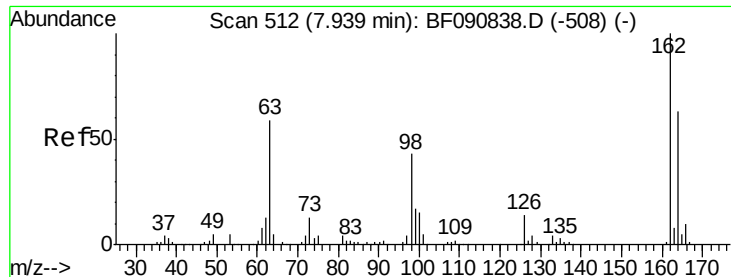
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.33 ng
 RT: 7.84 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	27.5	41.3
123	11.3	13.7	20.5#





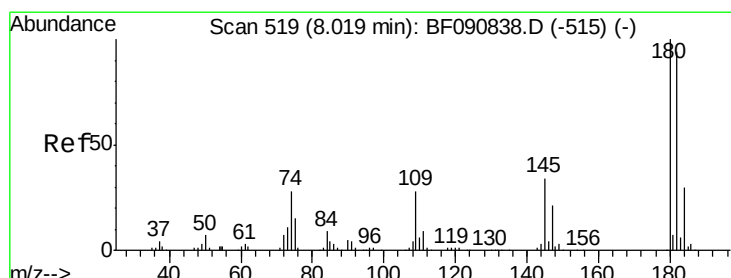
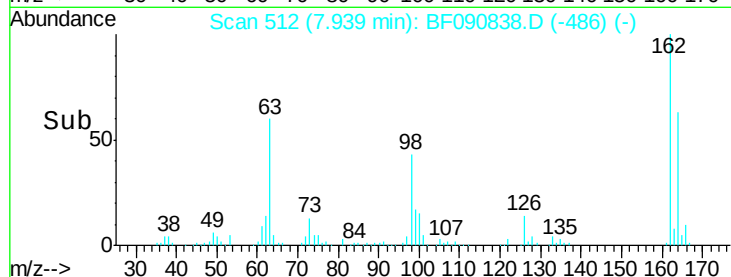
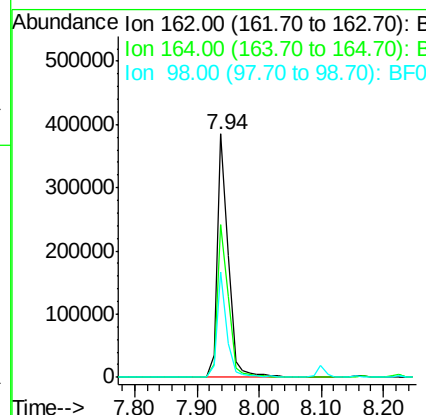
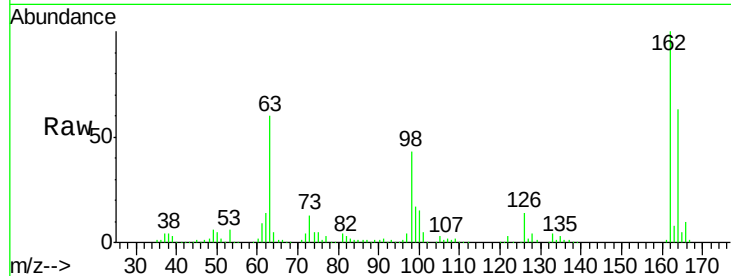
#29
2,4-Dichlorophenol
Concen: 48.16 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	464245		
164	63.0		44.9	84.9
98	43.2		13.0	53.0

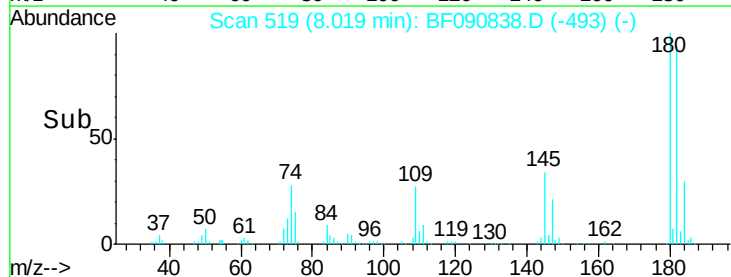
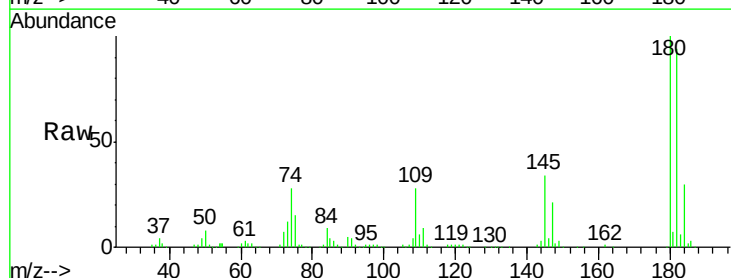
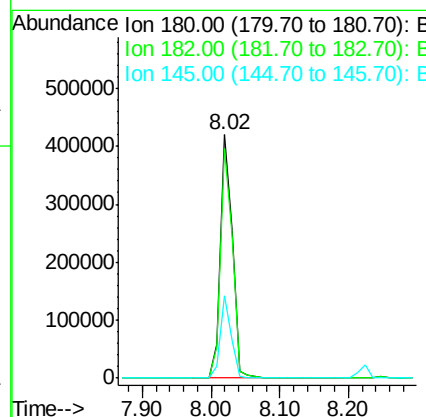
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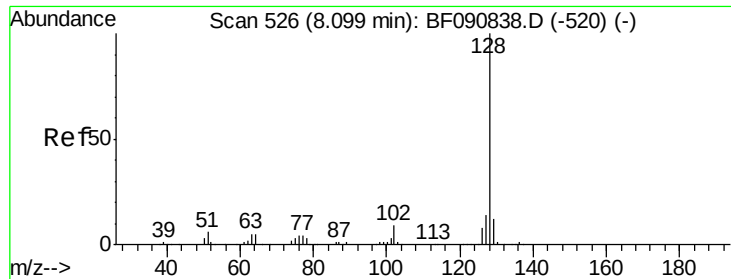
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#30
1,2,4-Trichlorobenzene
Concen: 46.01 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	521952		
182	94.1		77.1	115.7
145	33.9		23.3	34.9





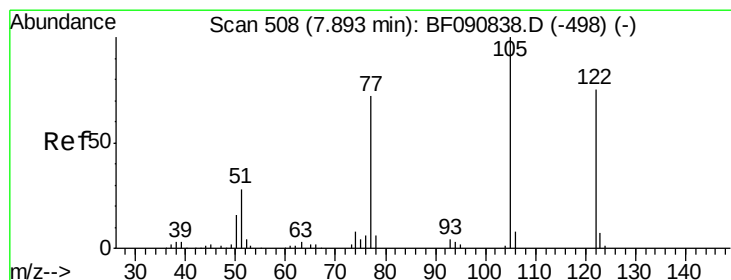
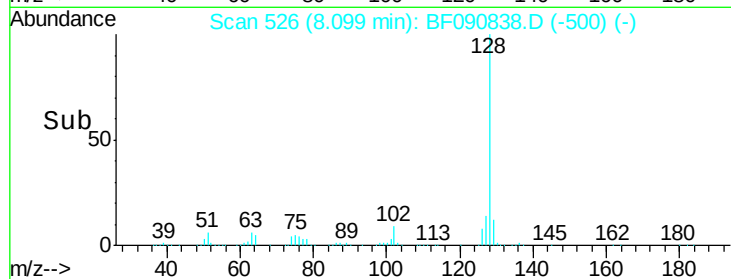
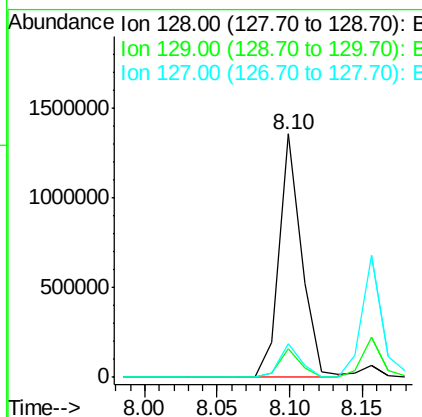
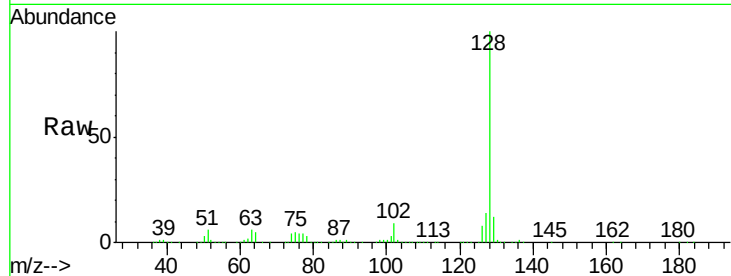
#31
Naphthalene
Concen: 36.33 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.4	12.6
127	13.6	9.9	14.9

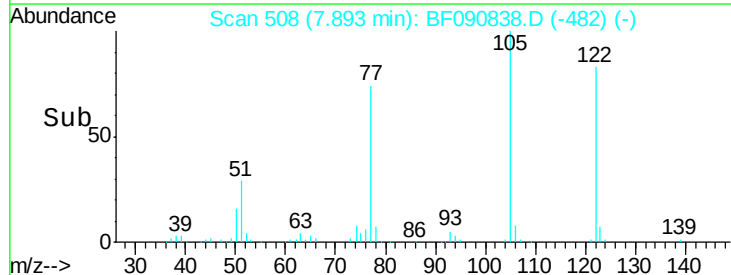
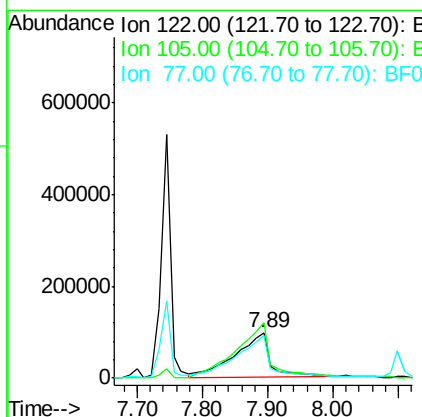
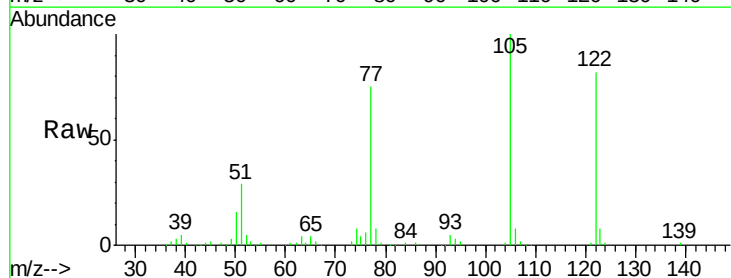
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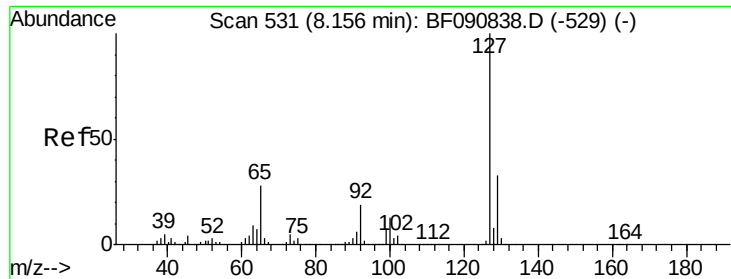
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#32
Benzoic acid
Concen: 44.37 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	76.1	116.1#
77	91.9	40.5	80.5#





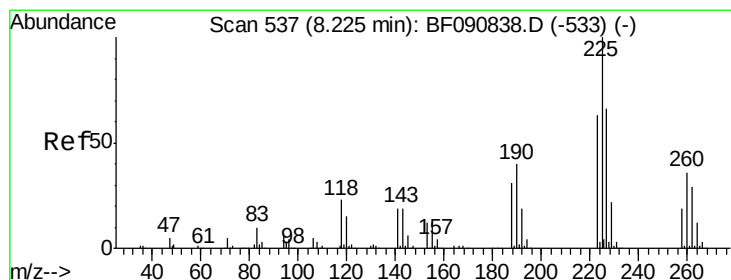
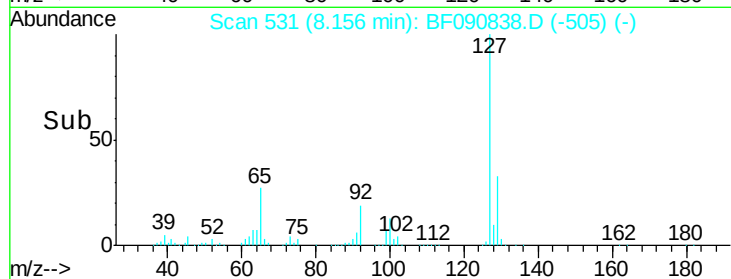
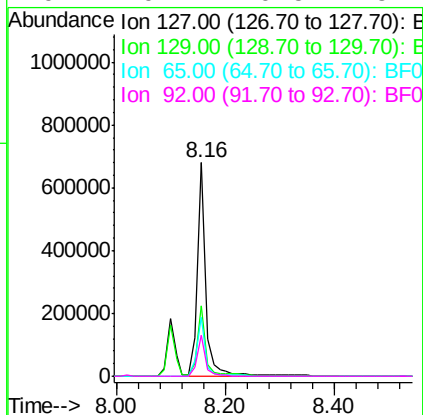
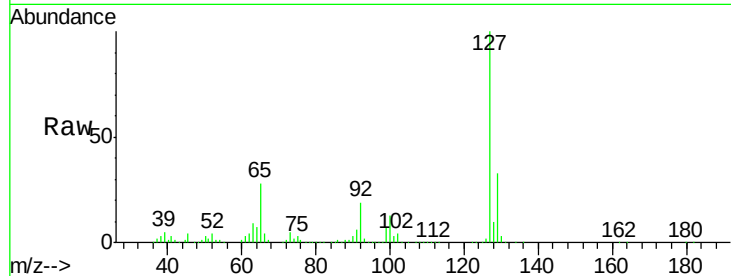
#33
4-Chloroaniline
Concen: 48.26 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	25.8	38.6		
65	27.7	17.9	26.9		
92	19.2	10.5	15.7		

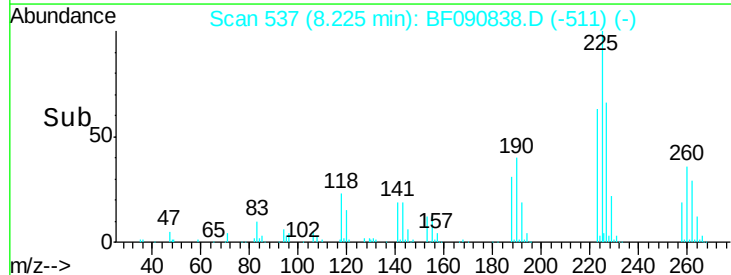
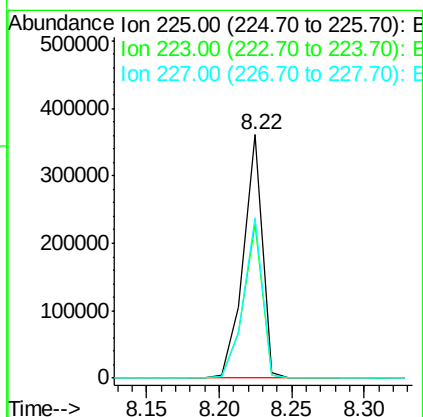
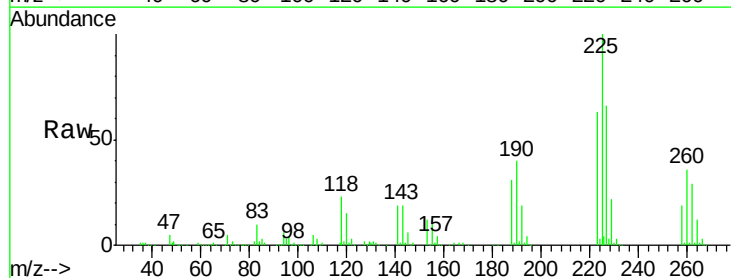
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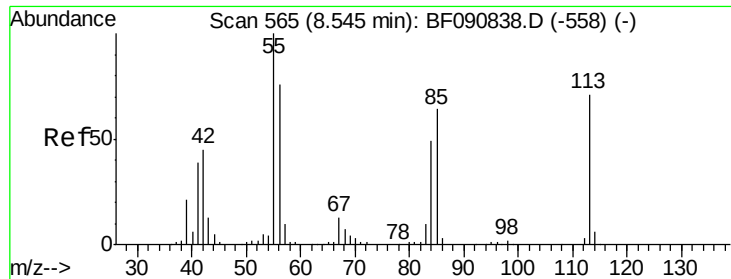
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#34
Hexachlorobutadiene
Concen: 51.43 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.2	75.2		
227	65.9	52.2	78.2		





#35

Caprolactam

Concen: 55.75 ng

RT: 8.54 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

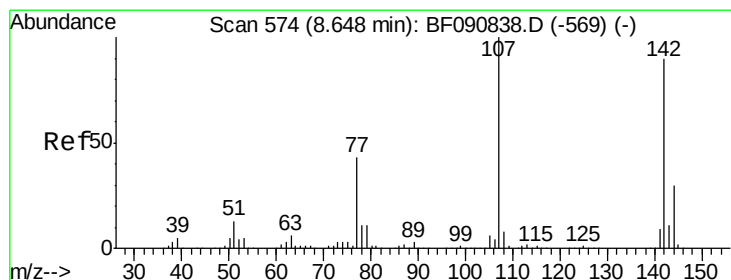
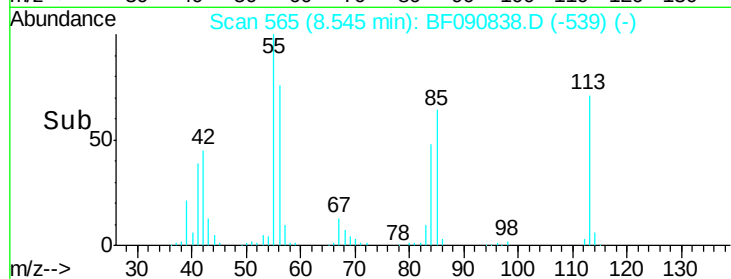
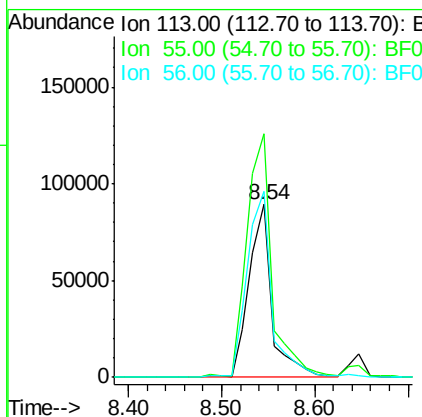
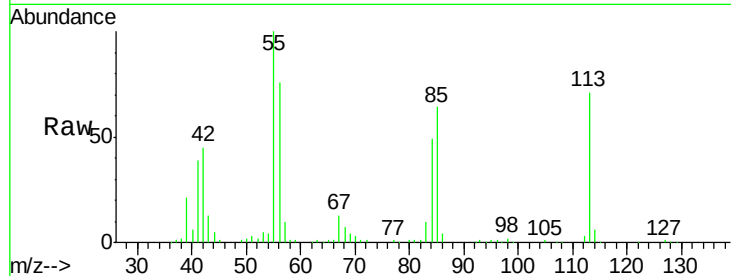
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	140.8	152.4	192.4#
56	107.6	104.6	144.6

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#36

4-Chloro-3-methylphenol

Concen: 44.56 ng

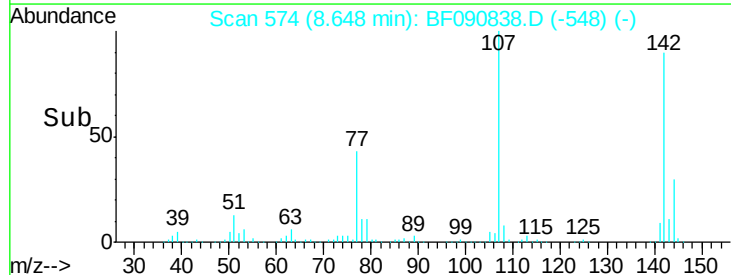
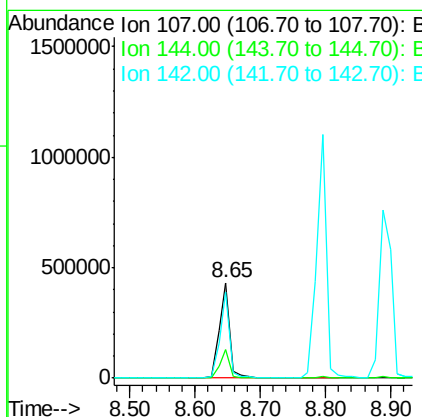
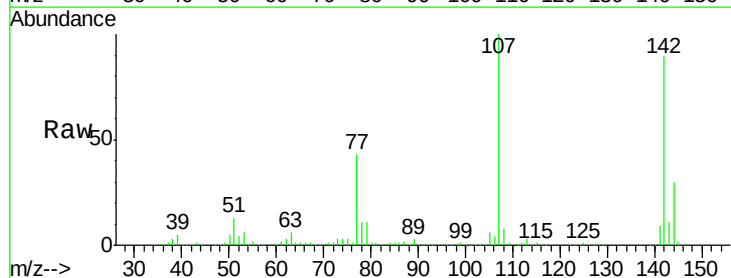
RT: 8.65 min Scan# 574

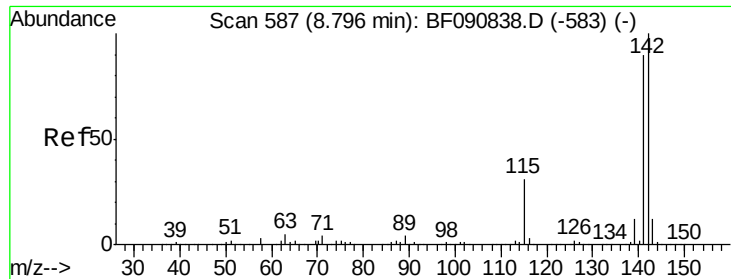
Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	30.0	25.4	38.0
142	89.9	77.3	115.9





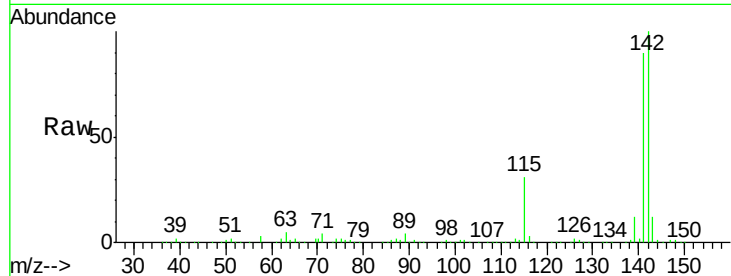
#37
 2-Methylnaphthalene
 Concen: 47.72 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

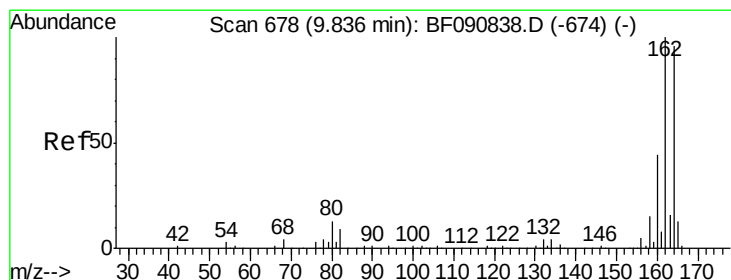
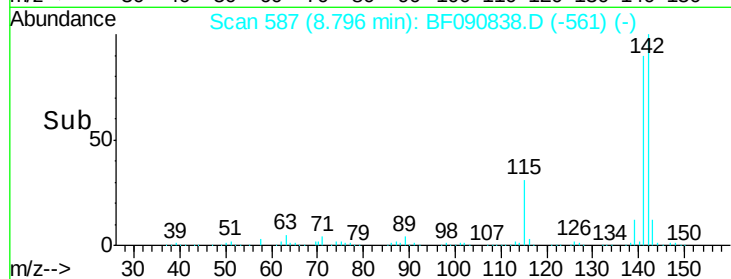
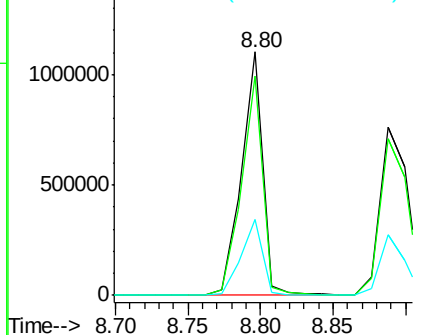
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	67.5	101.3
115	31.0	18.2	27.2

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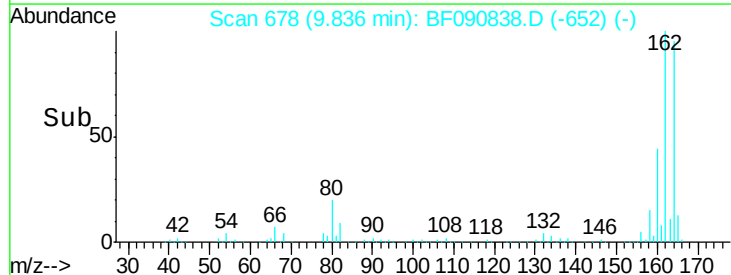
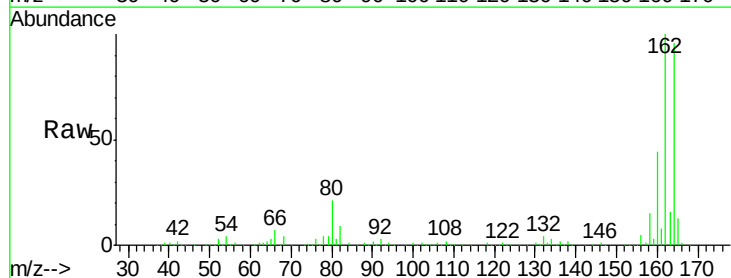
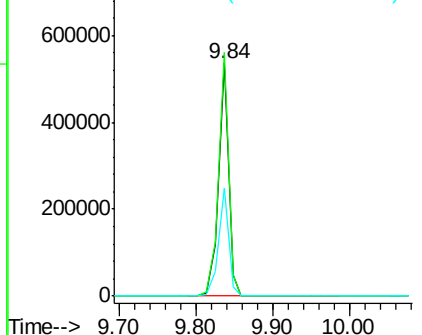
Abundance Ion 142.00 (141.70 to 142.70): E
 1500000
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

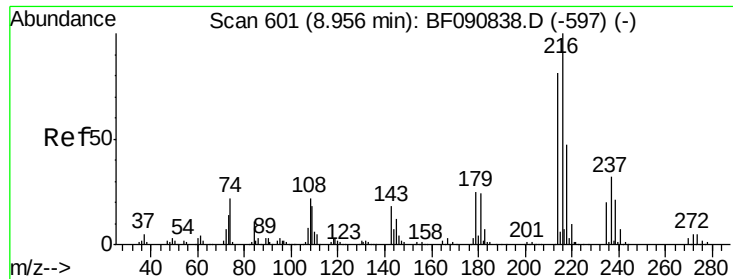


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	75.2	112.8
160	46.1	31.5	47.3

Abundance Ion 164.00 (163.70 to 164.70): E
 600000
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





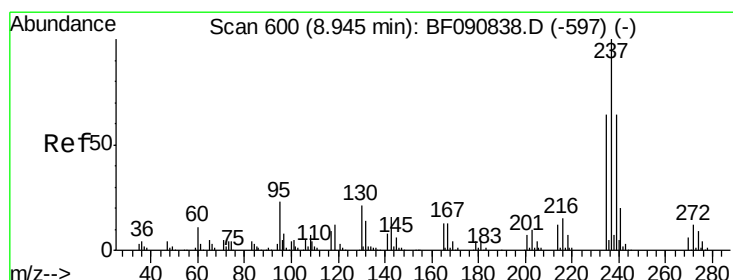
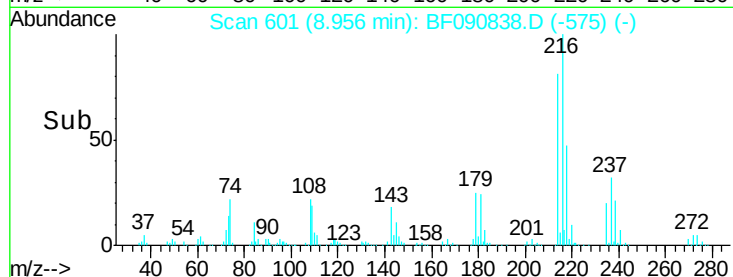
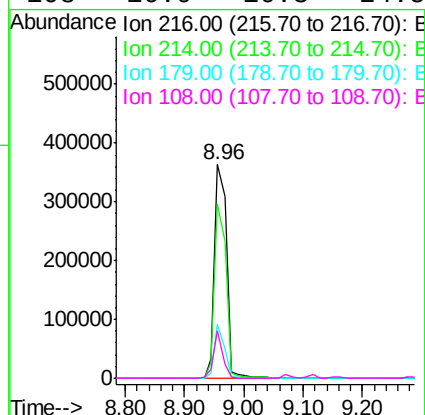
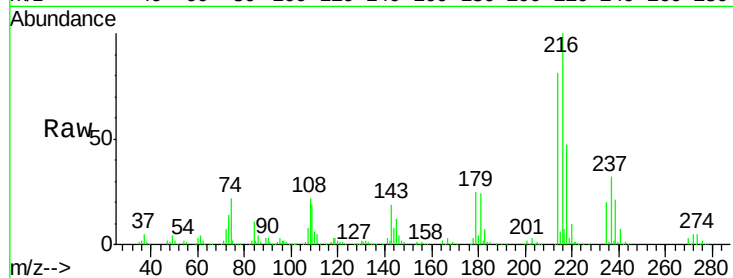
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.01 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		505466		
214	78.7		63.5	95.3	
179	21.1		16.6	24.8	
108	16.9		16.3	24.5	

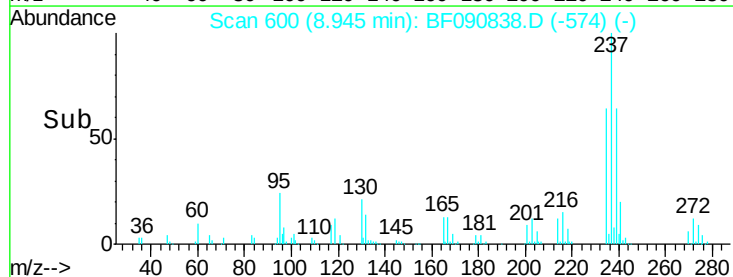
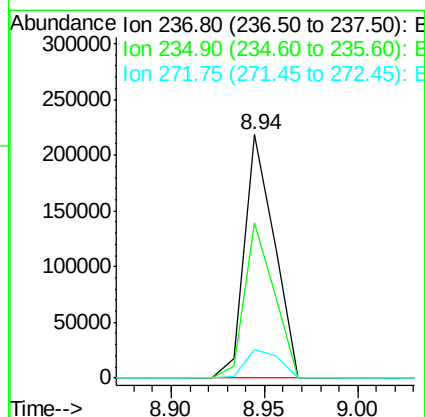
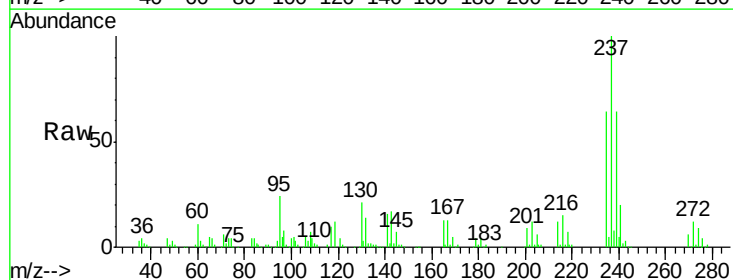
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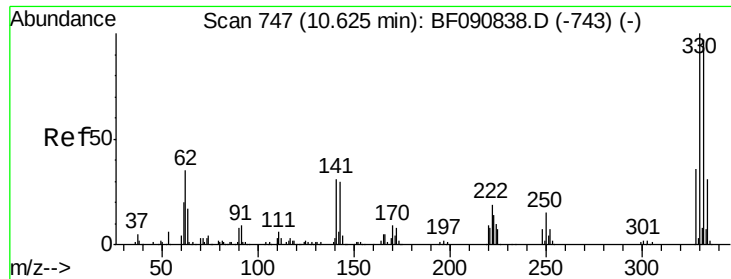
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#40
 Hexachlorocyclopentadiene
 Concen: 38.61 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		241016		
235	63.7		42.0	82.0	
272	11.9		0.0	36.1	





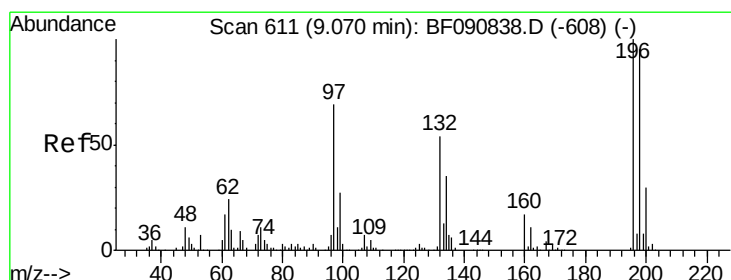
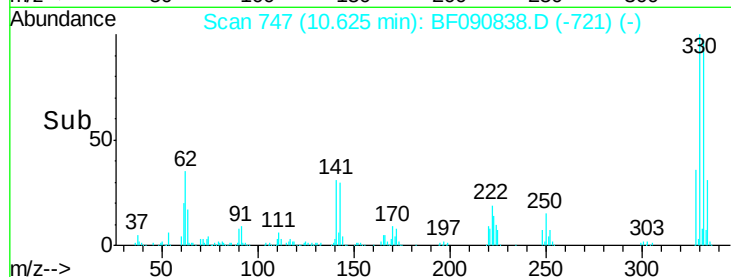
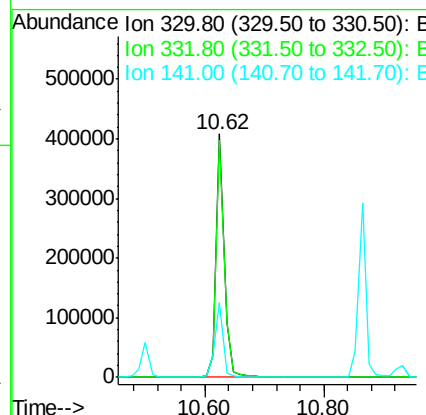
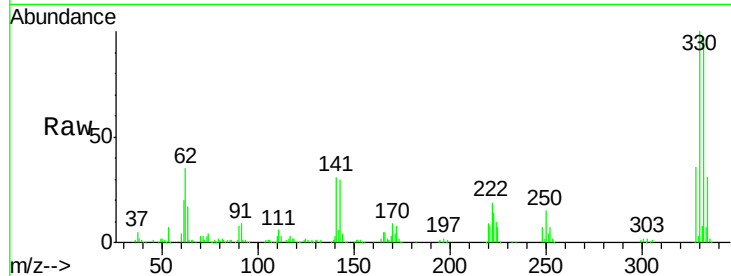
#41
 2,4,6-Tribromophenol
 Concen: 99.92 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	389456		
332	97.9	76.6	114.8	
141	31.4	29.7	44.5	

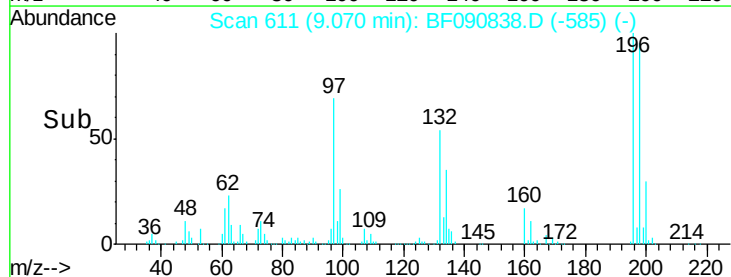
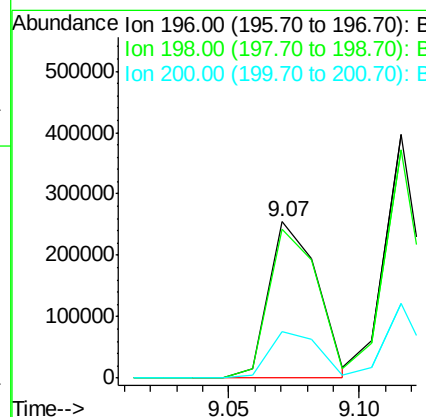
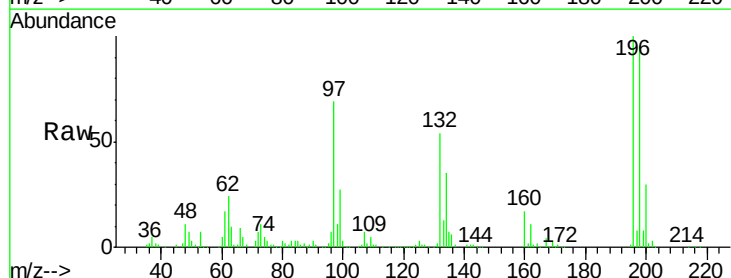
Manual Integrations
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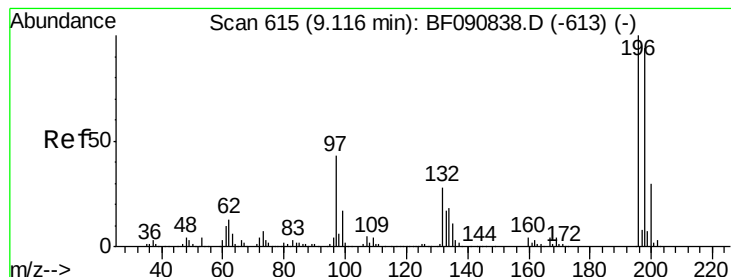
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#42
 2,4,6-Trichlorophenol
 Concen: 40.06 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	330337		
198	95.0	75.7	113.5	
200	30.0	23.9	35.9	





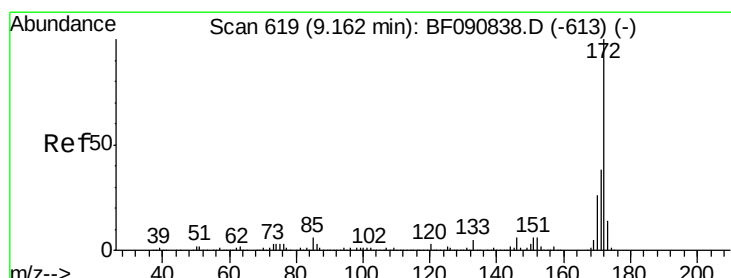
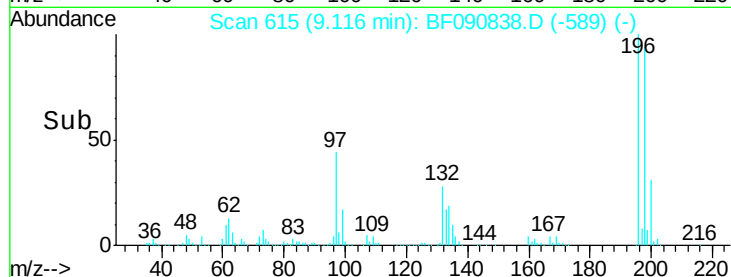
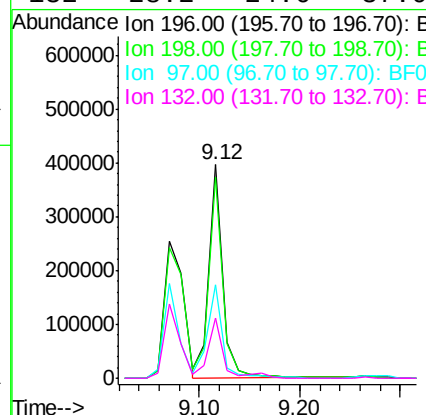
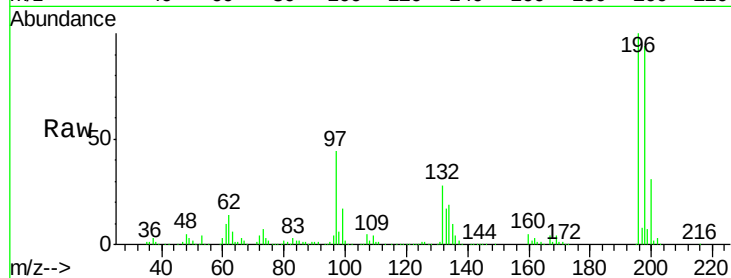
#43
 2,4,5-Trichlorophenol
 Concen: 45.50 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		380760		
198	94.0		75.4	113.0	
97	43.7		33.3	49.9	
132	28.2		24.6	37.0	

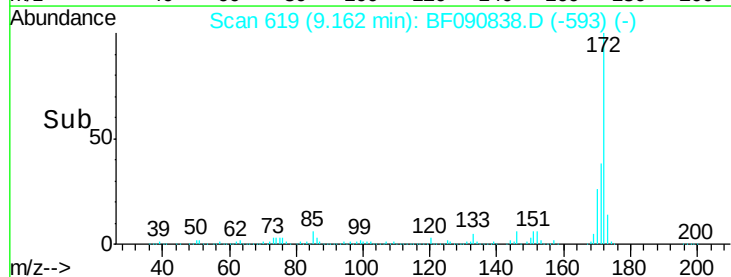
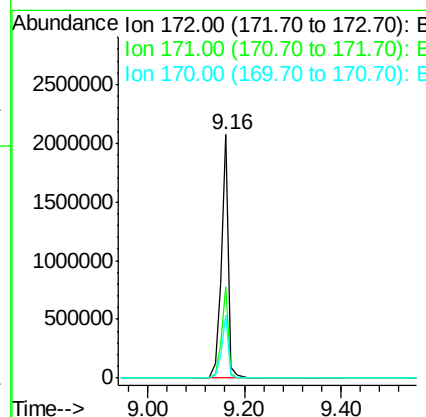
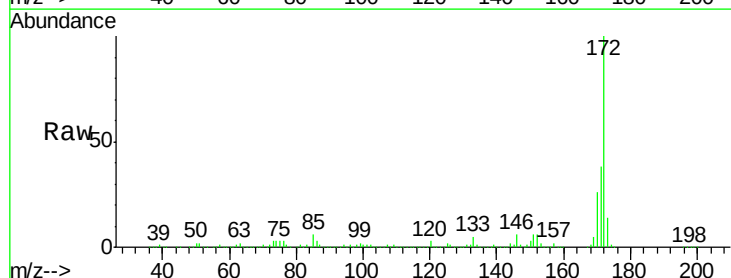
Manual Integrations
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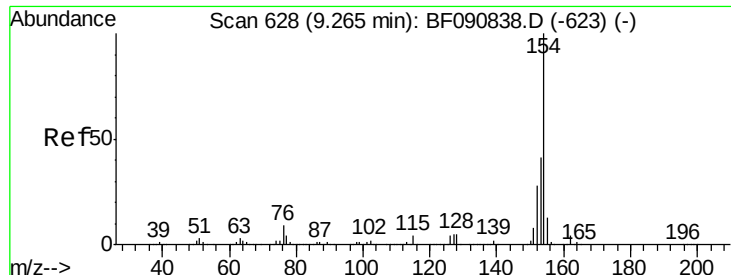
sohil
 10/27/2016 3:44:18 PM



#44
 2-Fluorobiphenyl
 Concen: 68.20 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2163340		
171	37.6		26.1	39.1	
170	25.8		17.4	26.2	





#45

1,1'-Biphenyl

Concen: 36.47 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1410453

Ion Ratio Lower Upper

154 100

153 40.8 17.1 57.1

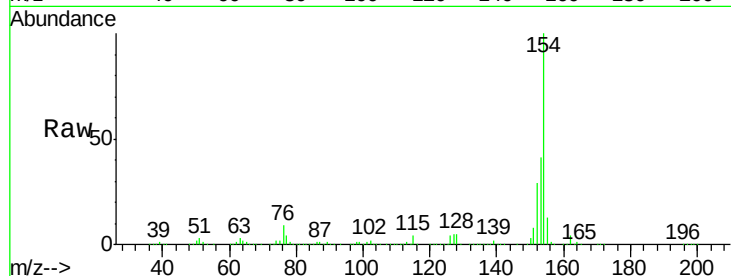
76 8.5 0.0 31.6

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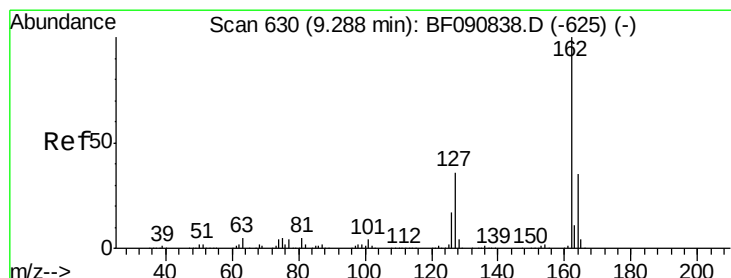
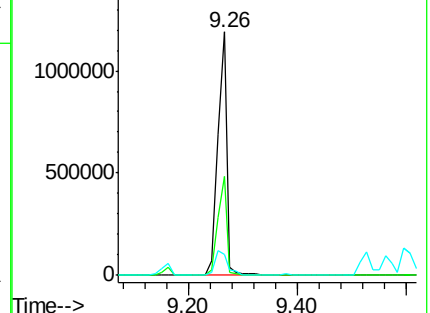
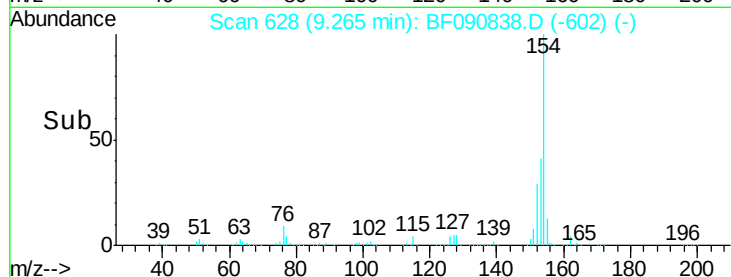
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.95 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

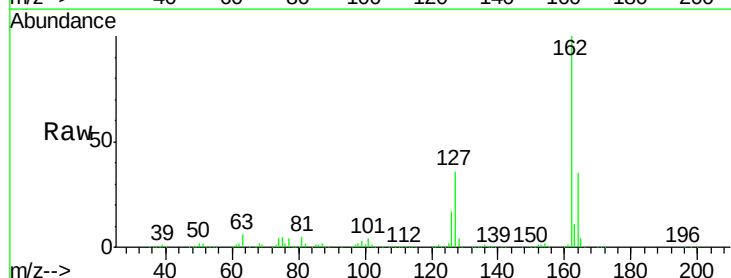
Tgt Ion:162 Resp: 1090962

Ion Ratio Lower Upper

162 100

127 36.3 27.6 41.4

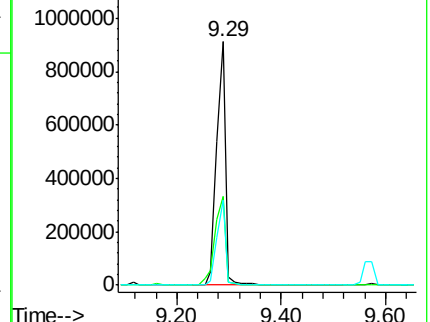
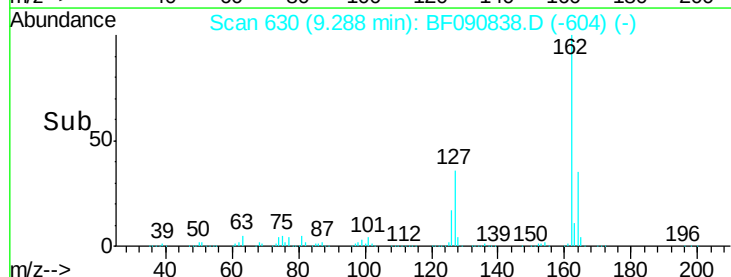
164 35.0 25.4 38.2

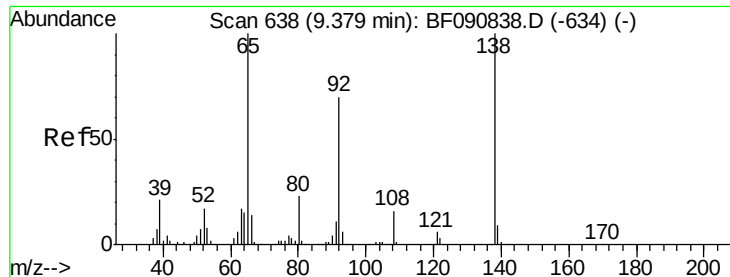


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





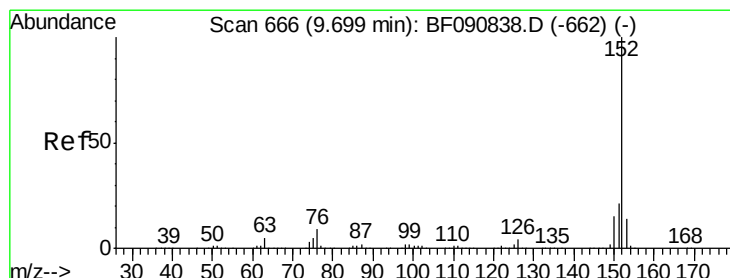
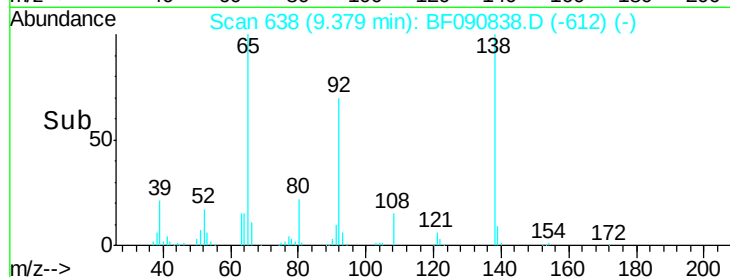
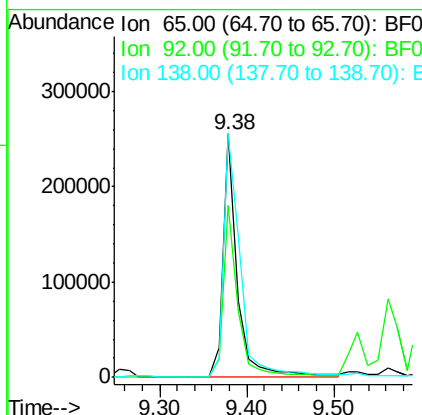
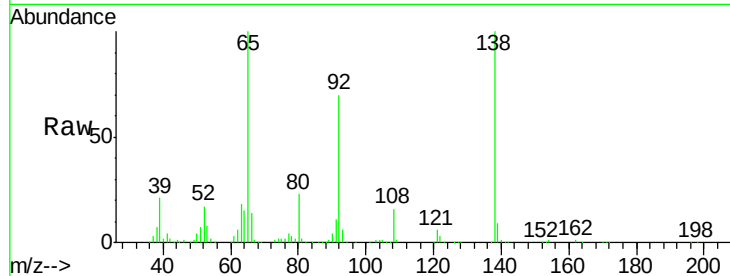
#47
2-Nitroaniline
Concen: 31.10 ng
RT: 9.38 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.4	55.4	83.0
138	99.9	115.5	173.3#

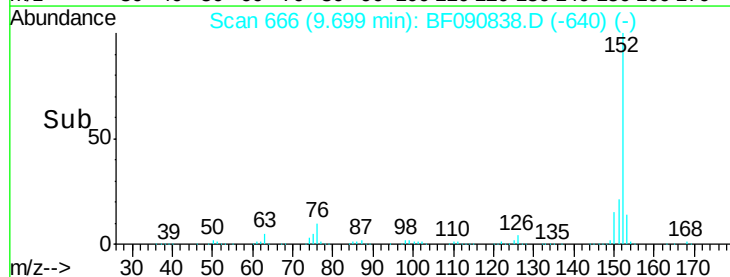
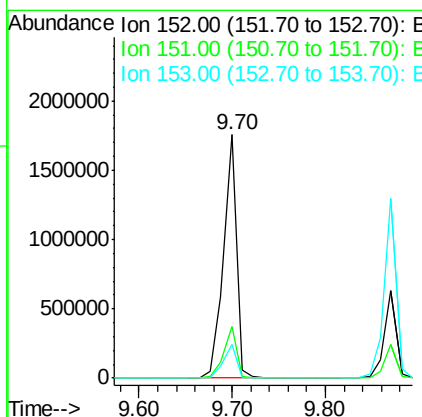
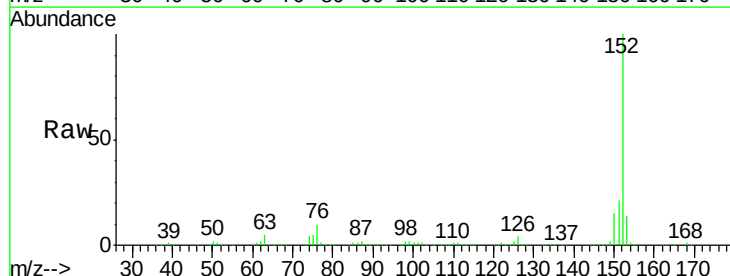
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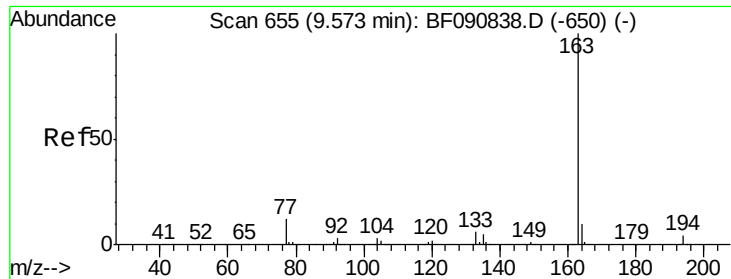
sohil
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#48
Acenaphthylene
Concen: 38.72 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	14.6	22.0
153	13.9	10.3	15.5





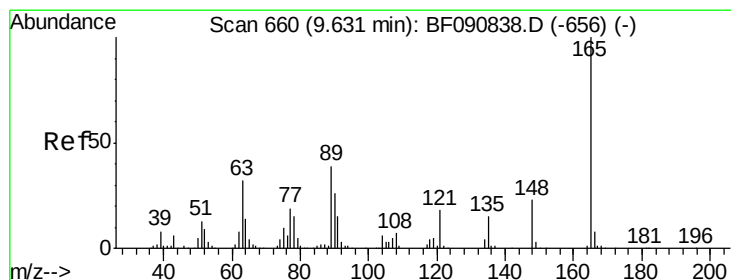
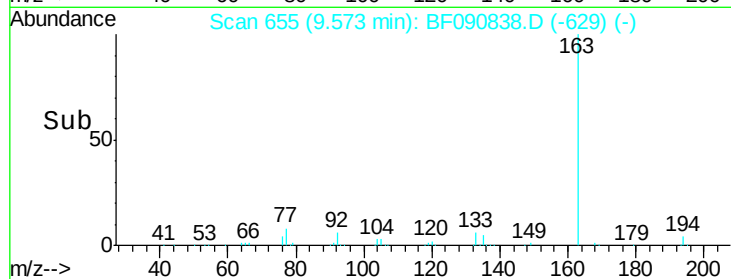
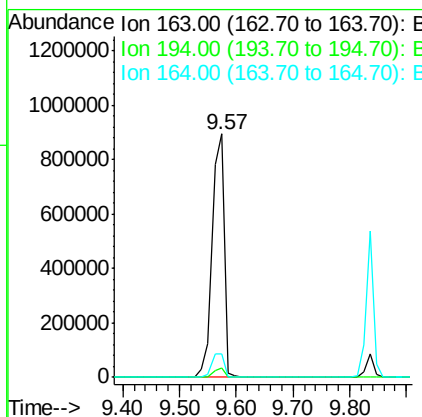
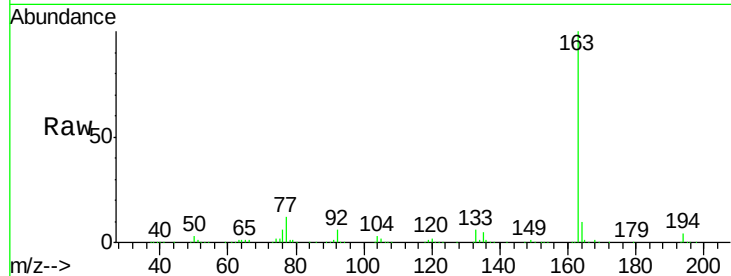
#49
Dimethylphthalate
Concen: 41.27 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:163 Resp: 1277137
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 9.8 8.3 12.5

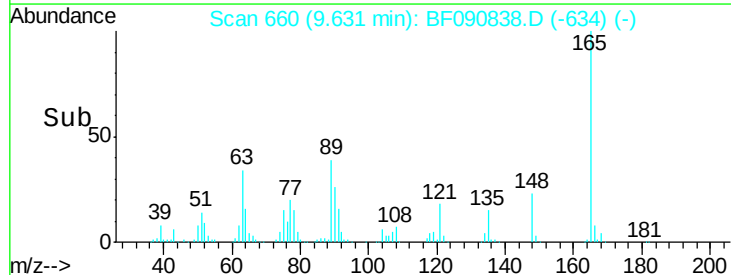
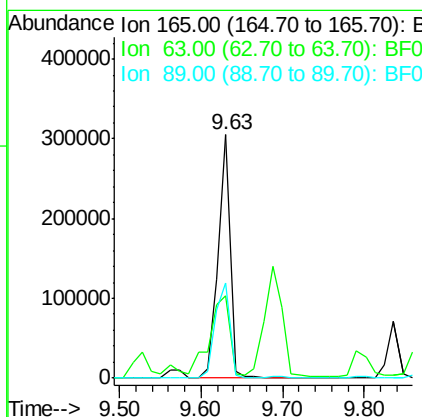
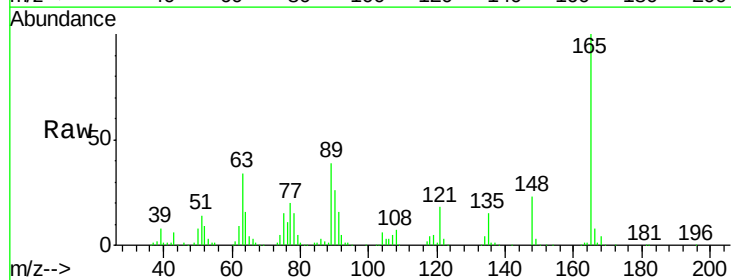
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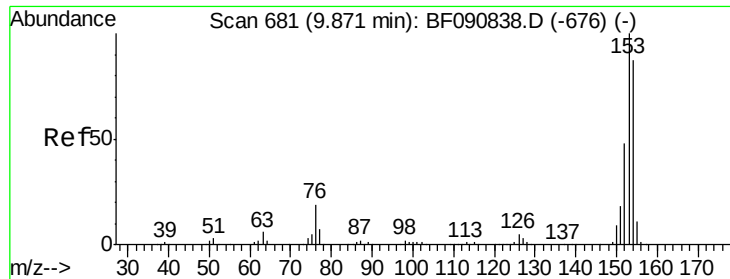
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#50
2,6-Dinitrotoluene
Concen: 47.32 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion:165 Resp: 314890
Ion Ratio Lower Upper
165 100
63 34.0 32.3 48.5
89 39.3 28.6 43.0





#51

Acenaphthene

Concen: 38.09 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1109100

Ion Ratio Lower Upper

154 100

153 114.9 82.1 123.1

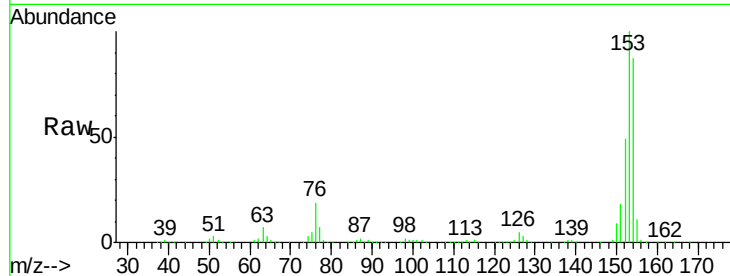
152 55.8 37.9 56.9

Manual Integrations

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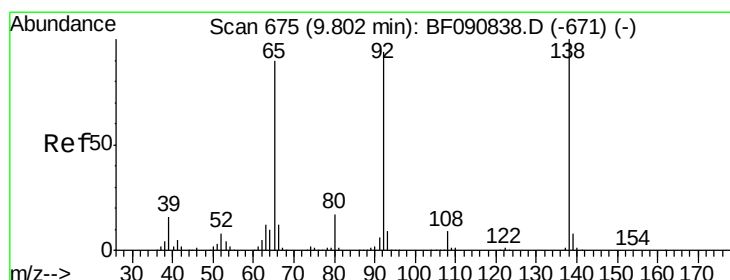
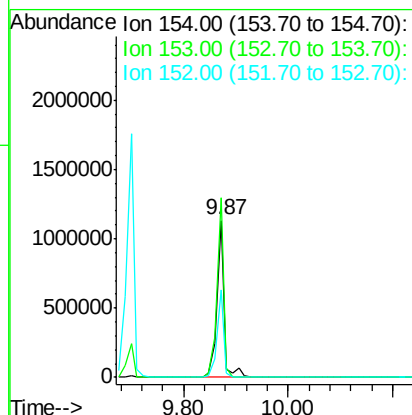
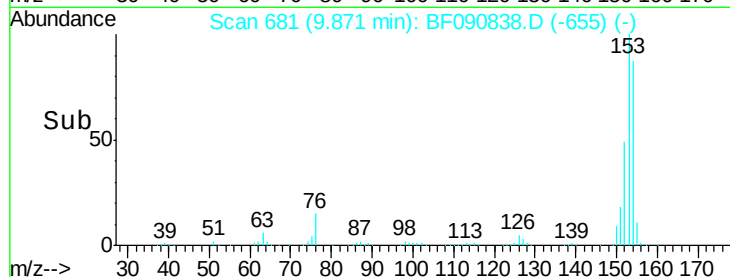
10/27/2016 3:44:18 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.59 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

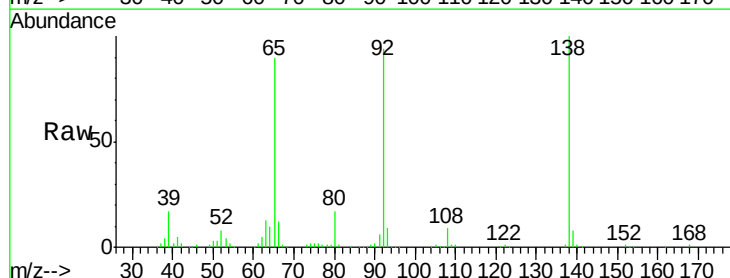
Tgt Ion:138 Resp: 318124

Ion Ratio Lower Upper

138 100

108 9.0 5.7 8.5#

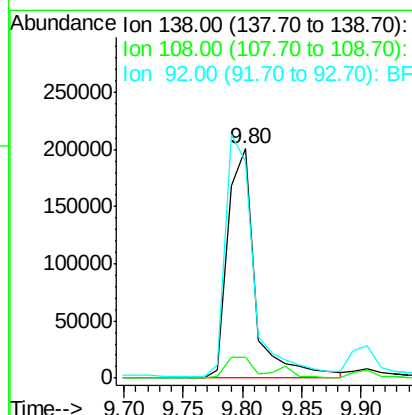
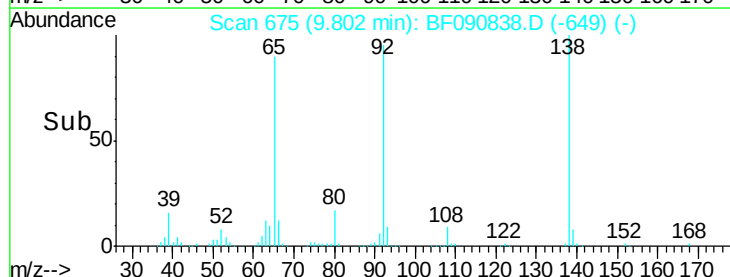
92 94.4 67.7 101.5

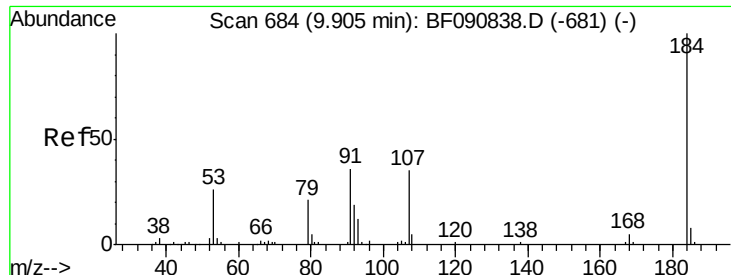


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





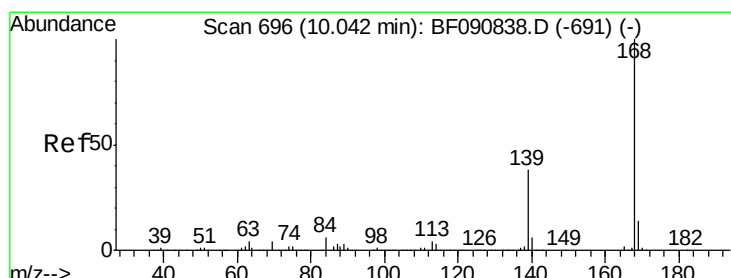
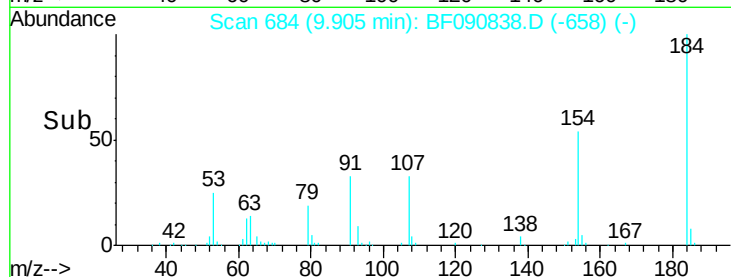
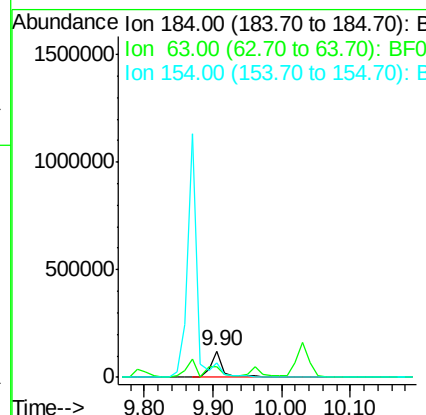
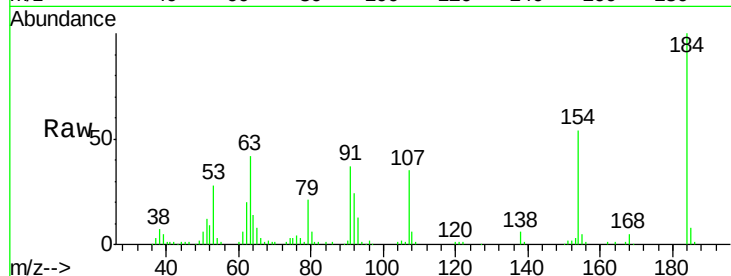
#53
2,4-Dinitrophenol
Concen: 50.23 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	41.8	35.4	53.2
154	54.4	32.2	48.4

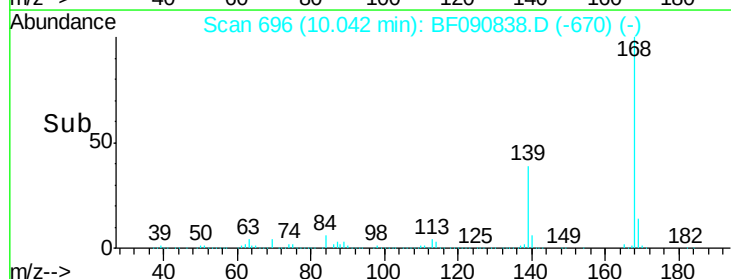
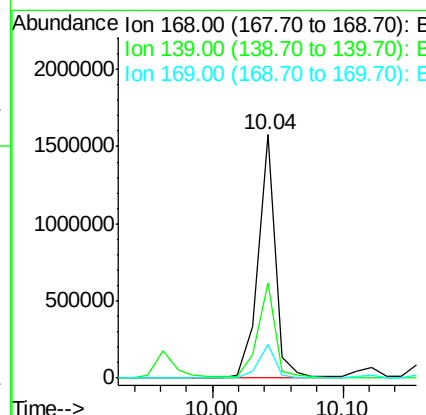
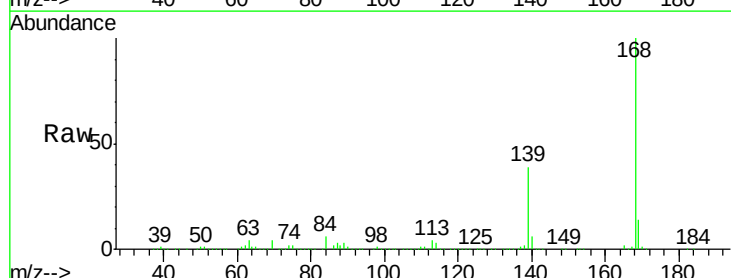
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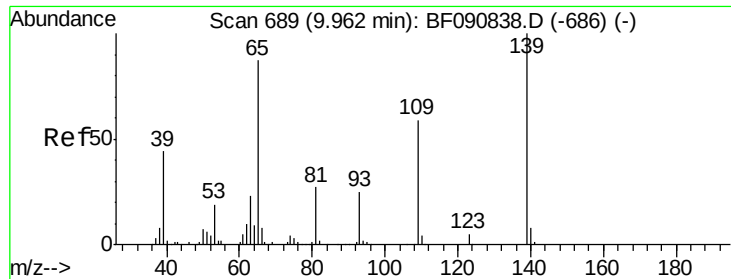
sohil
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#54
Dibenzofuran
Concen: 41.26 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	24.2	36.2
169	13.9	10.6	15.8





#55

4-Nitrophenol

Concen: 45.47 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:139 Resp: 200674
Ion Ratio Lower Upper

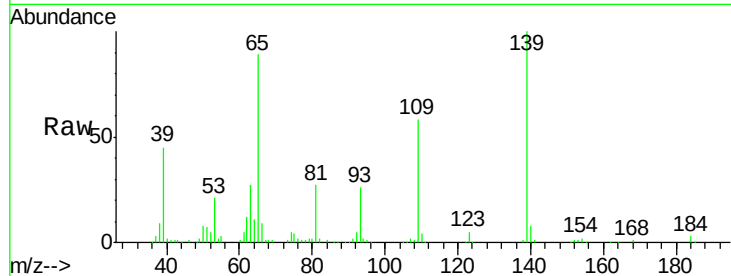
139 100

109 58.5 12.7 52.7#

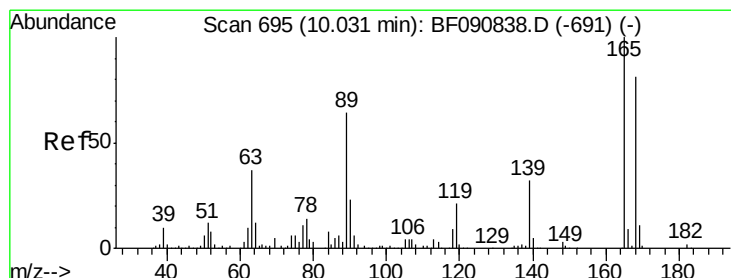
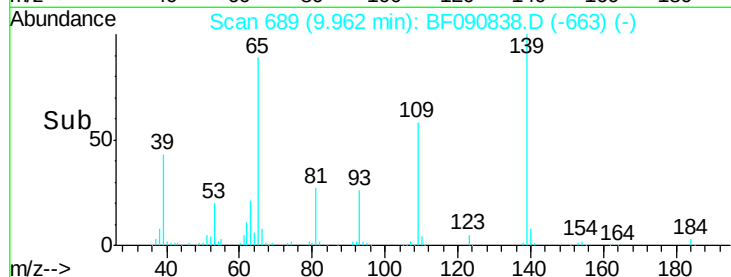
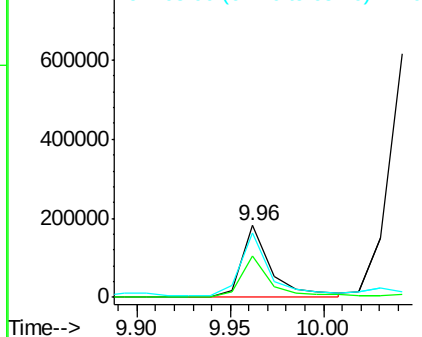
65 89.3 45.9 85.9#

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



#56

2,4-Dinitrotoluene

Concen: 47.85 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tgt Ion:165 Resp: 389156
Ion Ratio Lower Upper

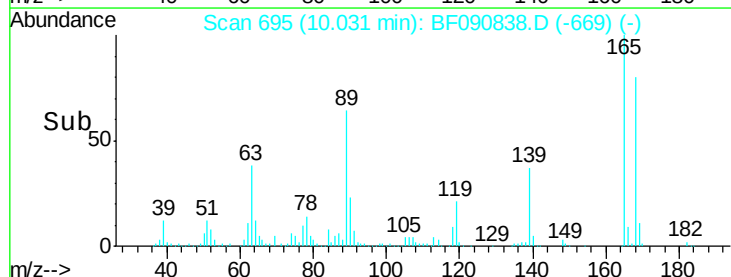
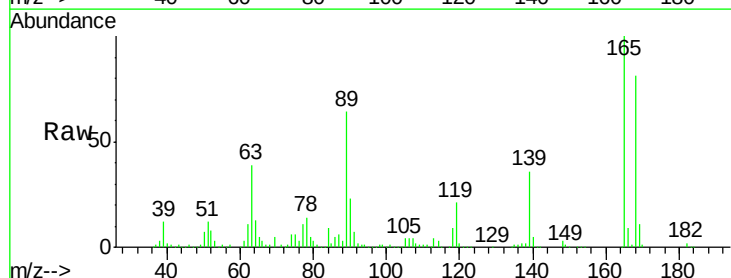
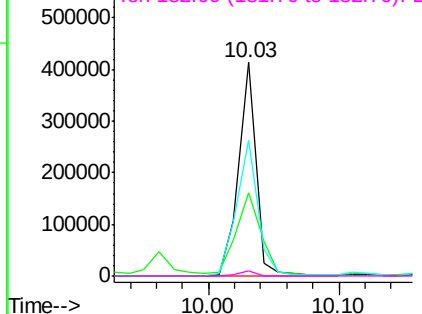
165 100

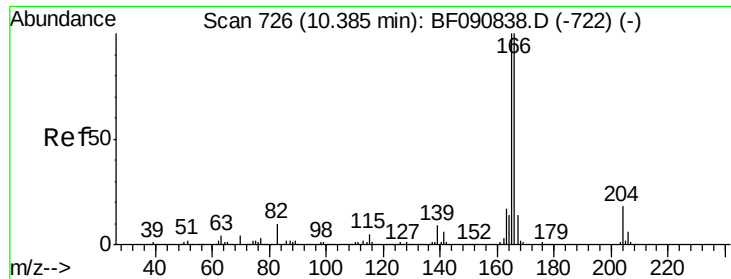
63 38.9 29.8 44.6

89 63.6 44.5 66.7

182 2.3 3.0 4.4#

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





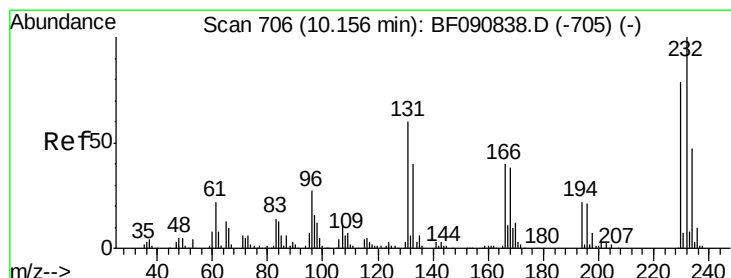
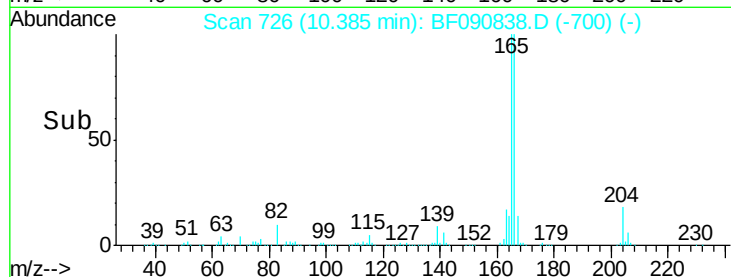
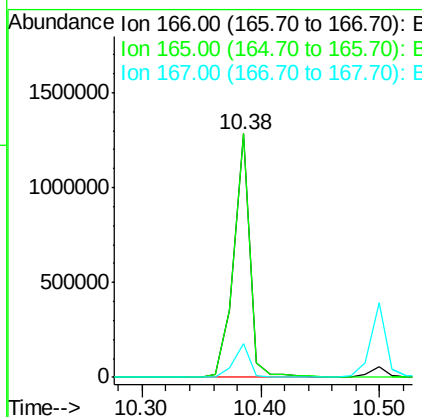
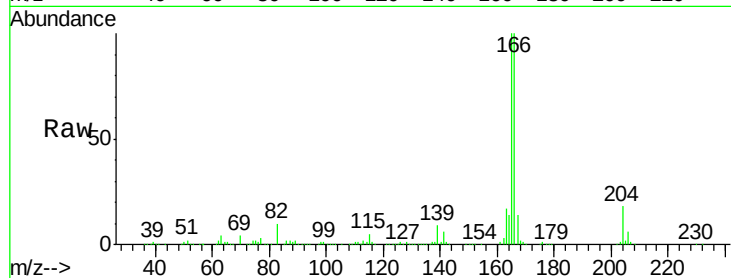
#57
 Fluorene
 Concen: 41.67 ng
 RT: 10.38 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:166 Resp: 1218157
 Ion Ratio Lower Upper
 166 100
 165 99.8 72.6 109.0
 167 13.8 10.6 16.0

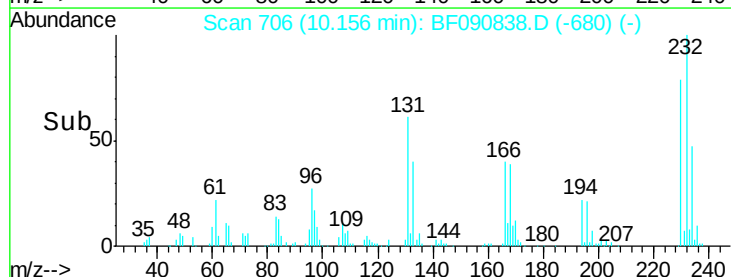
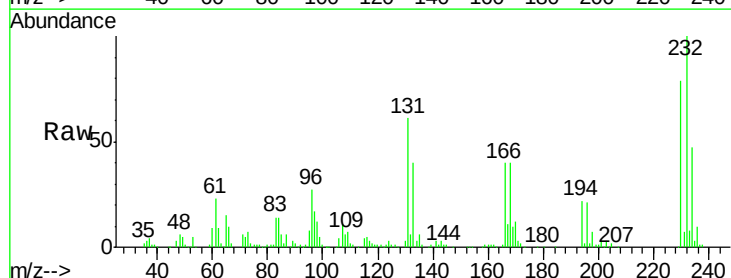
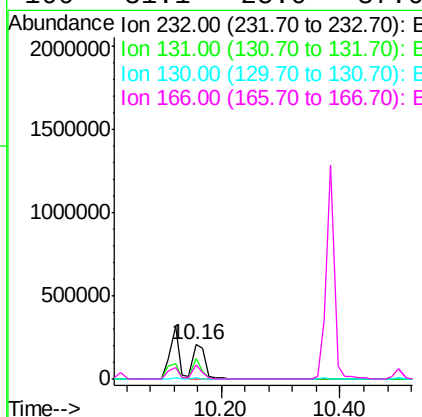
Manual Integrations
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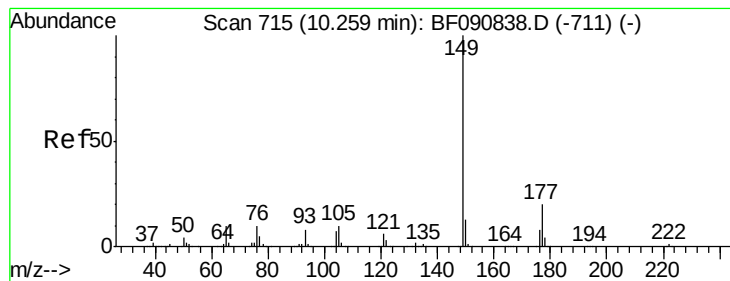
sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.18 ng
 RT: 10.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion:232 Resp: 296701
 Ion Ratio Lower Upper
 232 100
 131 45.5 38.5 57.7
 130 2.0 1.8 2.6
 166 31.1 25.0 37.6





#59

Diethylphthalate

Concen: 37.87 ng

RT: 10.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1215418

Ion Ratio Lower Upper

149 100

177 20.4 17.5 26.3

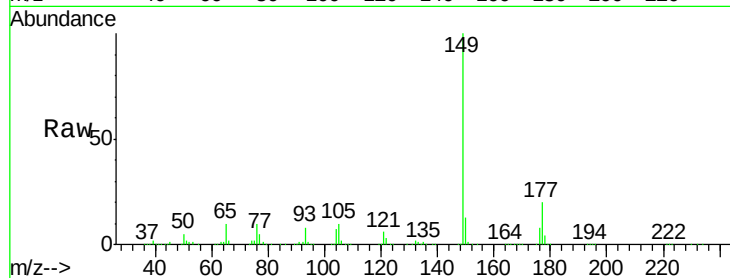
150 13.0 9.4 14.2

Manual Integrations

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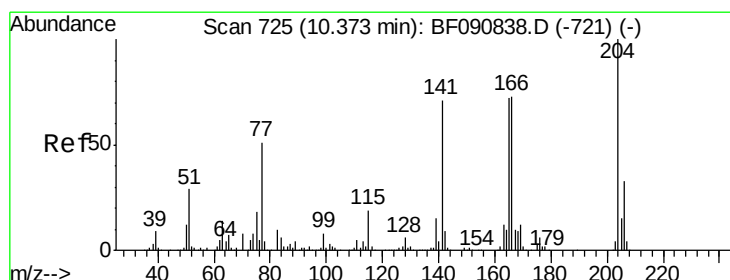
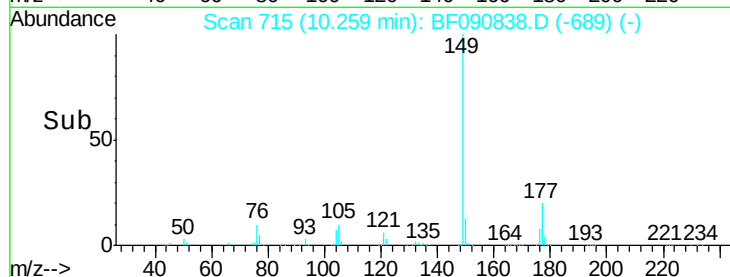
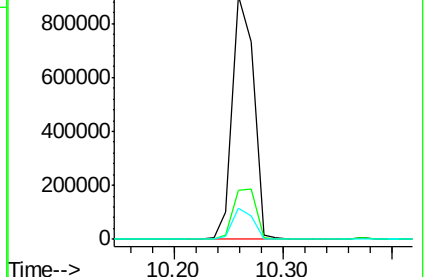
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.47 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

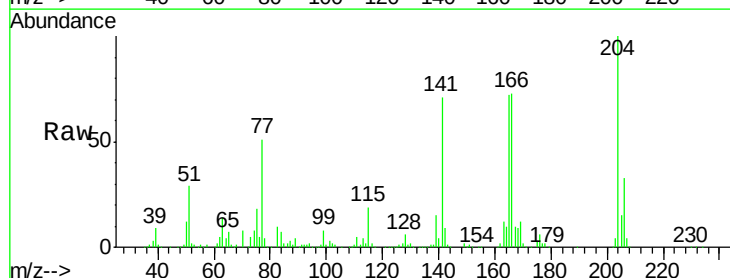
Tgt Ion:204 Resp: 527251

Ion Ratio Lower Upper

204 100

206 33.3 24.8 37.2

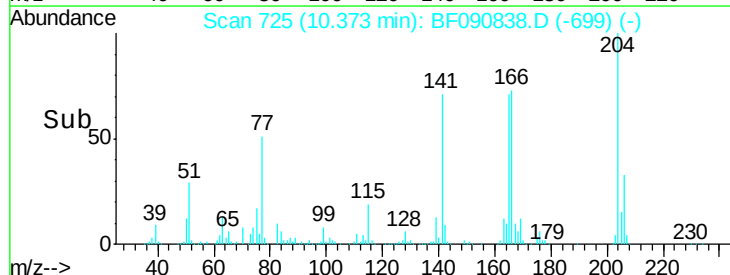
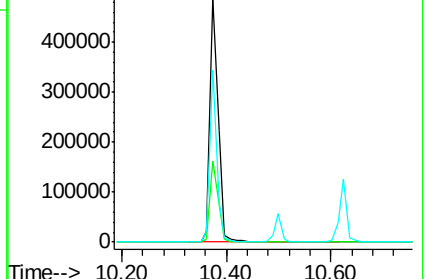
141 70.7 42.2 63.4#

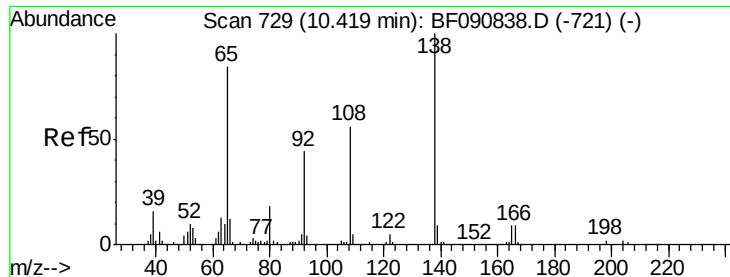


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.91 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

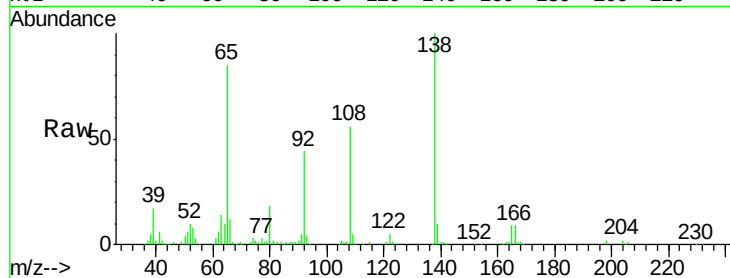
ClientSampled :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.4	12.6	52.6
108	56.1	12.4	52.4

Manual Integrations
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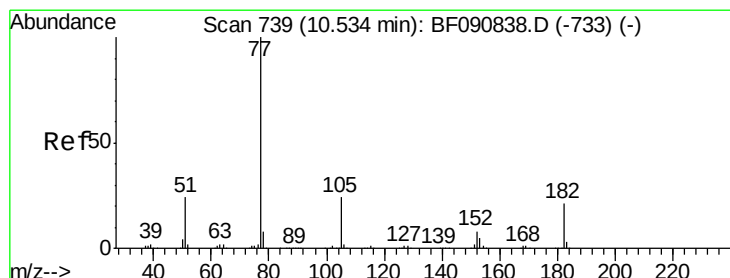
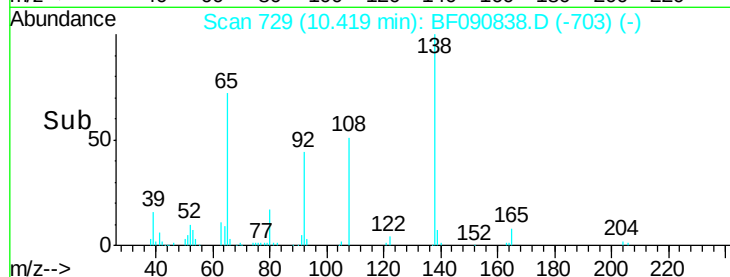
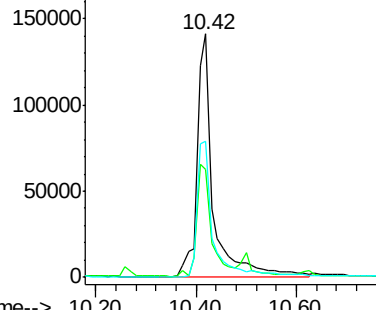
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 29.27 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

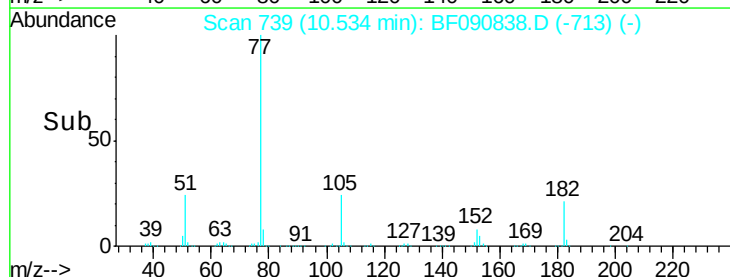
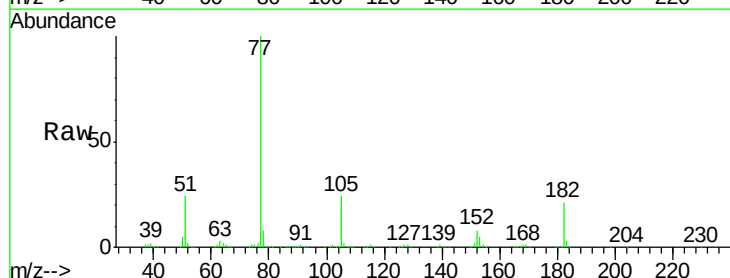
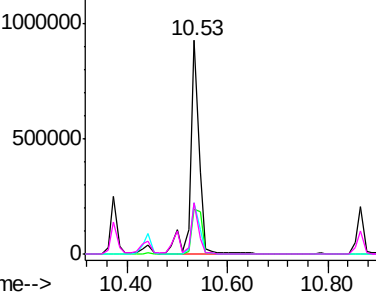
Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.3	15.1	55.1
105	24.2	3.4	43.4
51	23.9	12.0	52.0

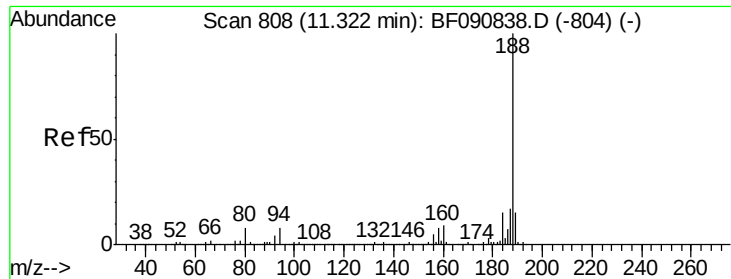
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





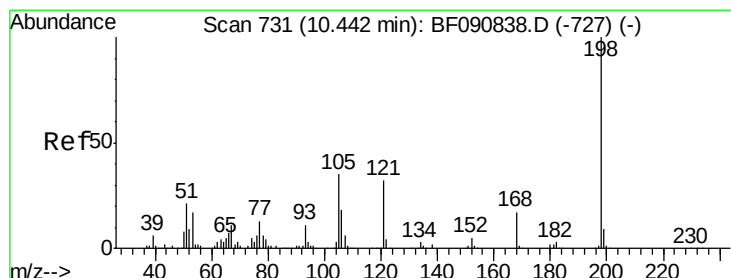
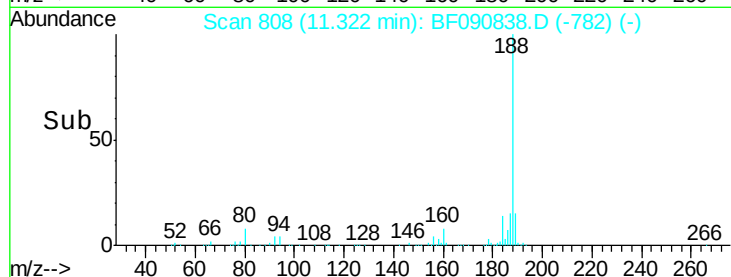
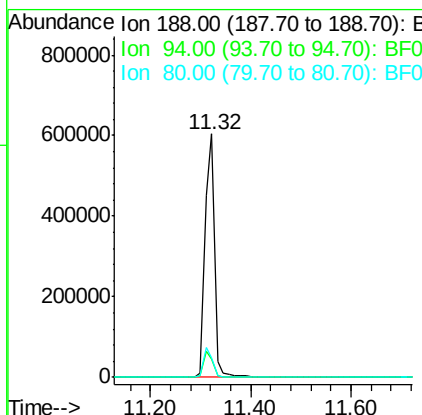
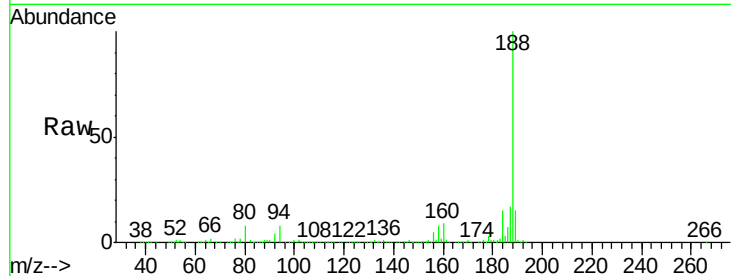
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	793942		
94	7.7		11.1	16.7#
80	8.0		11.0	16.4#

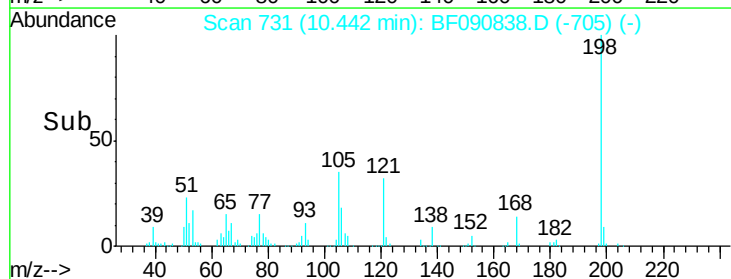
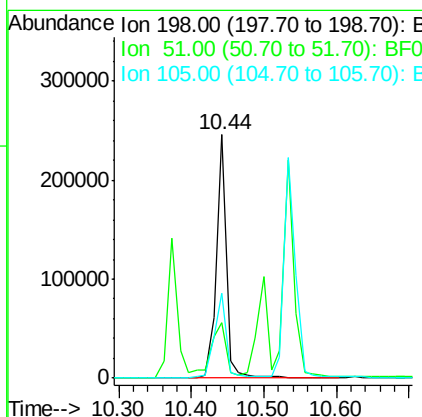
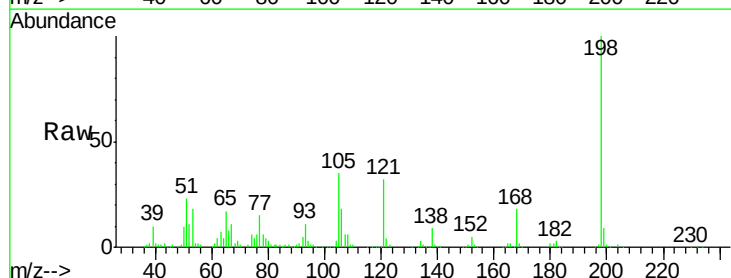
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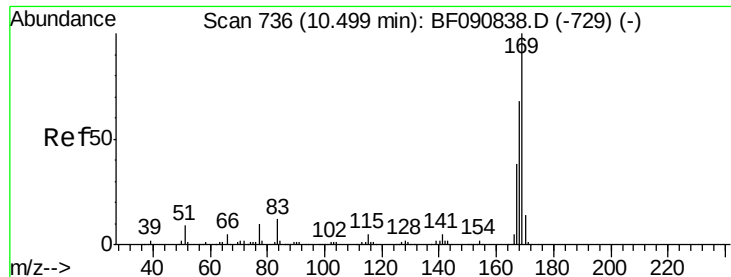
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.95 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	237420		
51	22.9		39.6	79.6#
105	35.1		28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 38.51 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:169 Resp: 979488

Ion Ratio Lower Upper

169 100

168 68.1 48.9 73.3

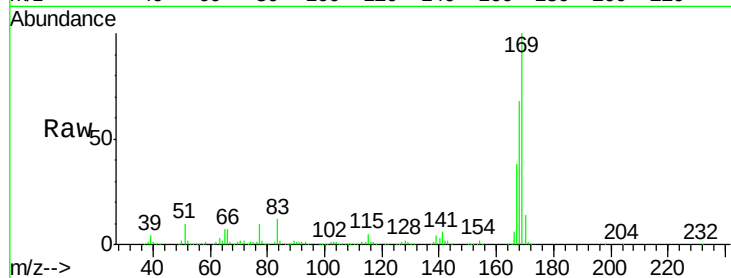
167 38.0 26.2 39.4

Manual Integrations

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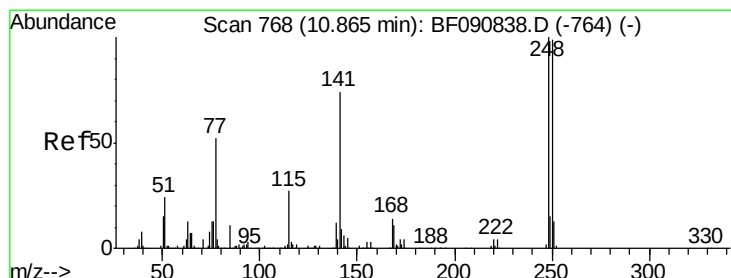
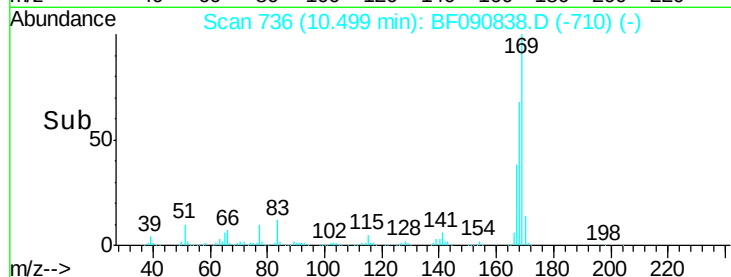
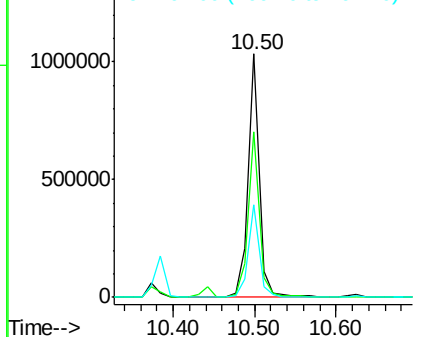
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.78 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

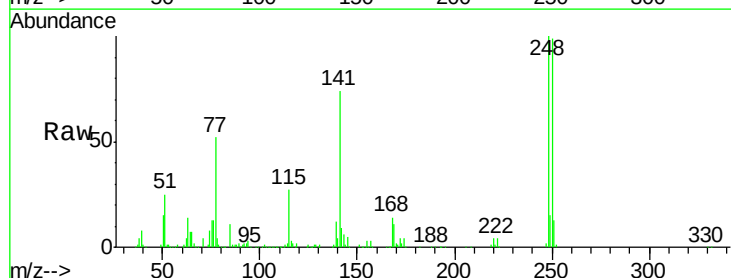
Tgt Ion:248 Resp: 344628

Ion Ratio Lower Upper

248 100

250 99.4 78.5 117.7

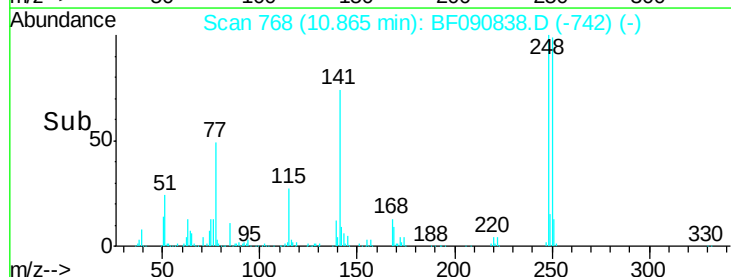
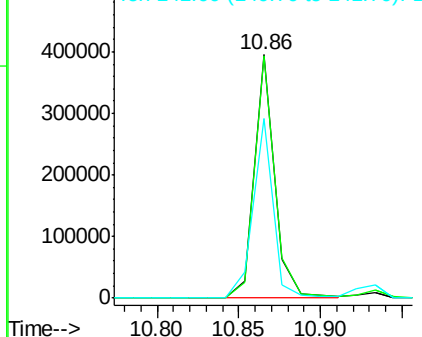
141 74.0 59.0 88.6

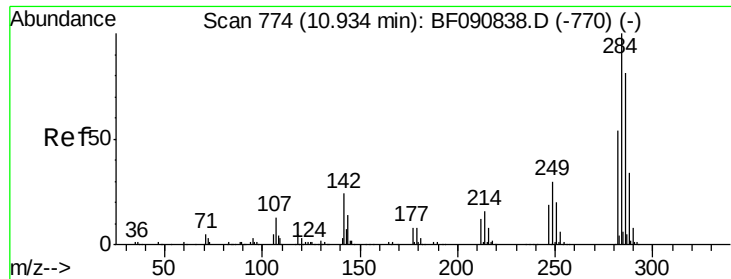


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.64 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

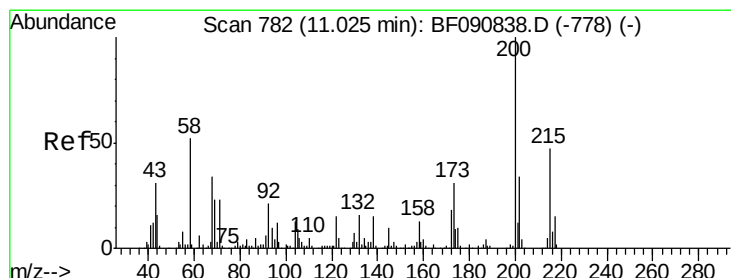
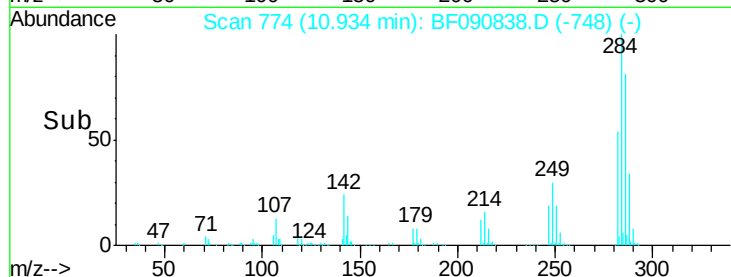
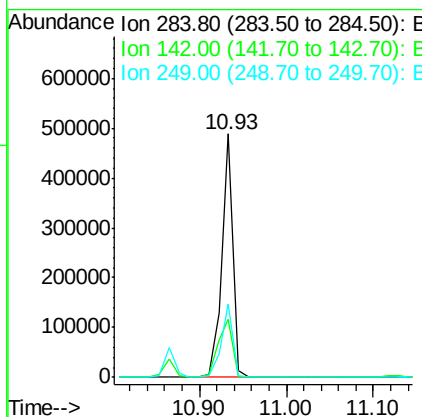
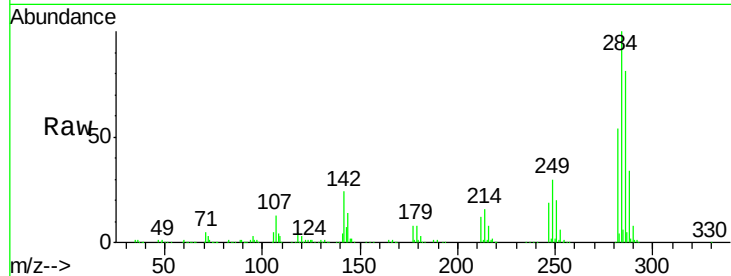
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	441798		
142	24.0	29.5	44.3#	
249	29.9	19.5	29.3#	

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#68

Atrazine

Concen: 36.41 ng

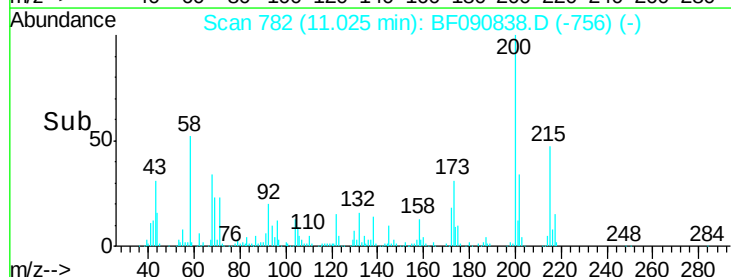
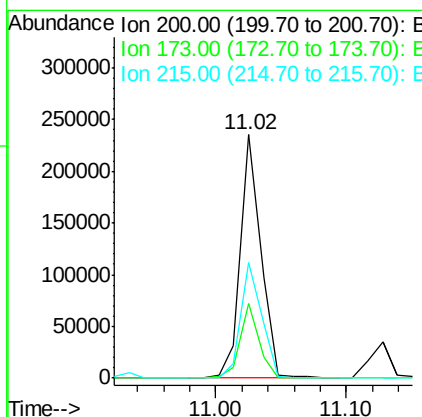
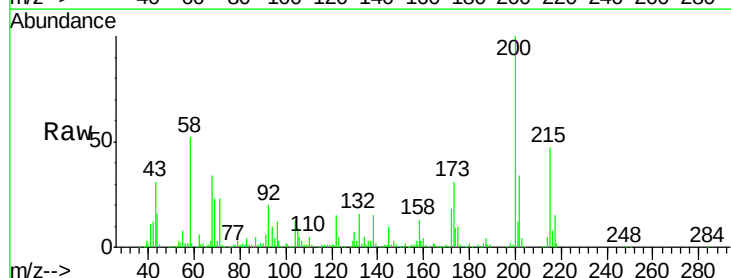
RT: 11.02 min Scan# 782

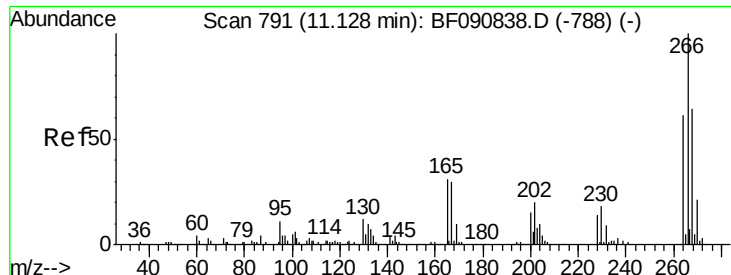
Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	255626		
173	30.7	13.2	53.2	
215	47.3	41.8	81.8	





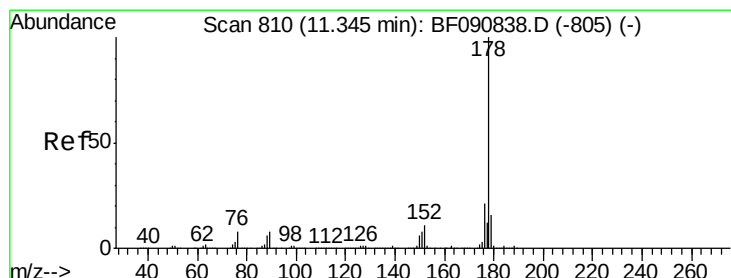
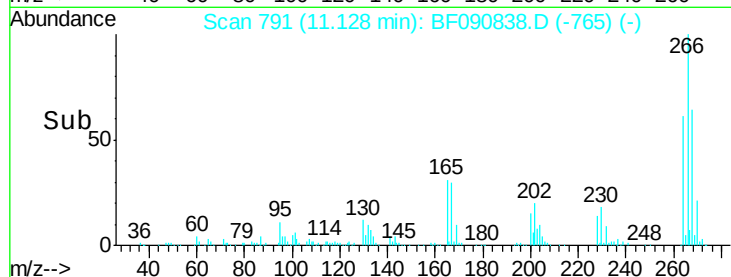
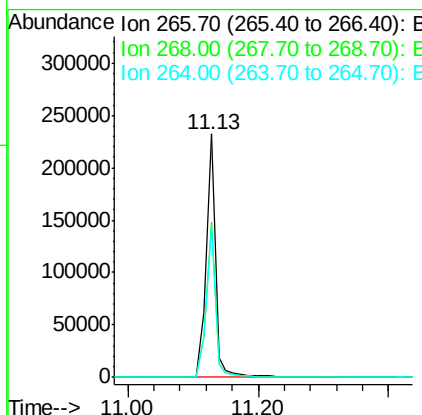
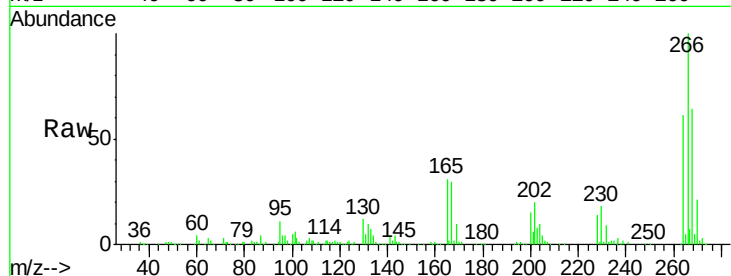
#69
 Pentachlorophenol
 Concen: 47.95 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.8	74.6
264	61.5	50.2	75.2

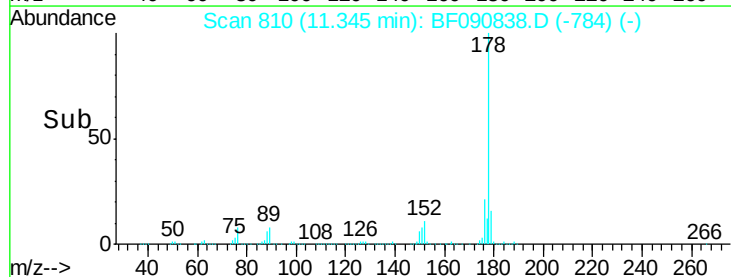
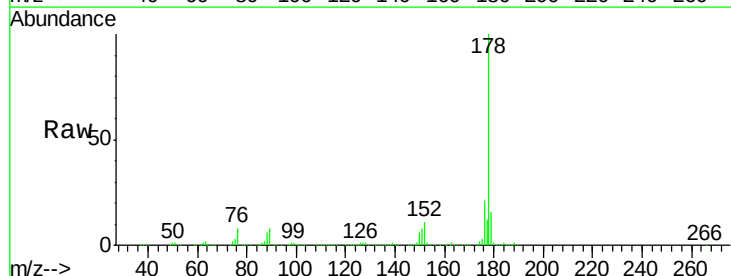
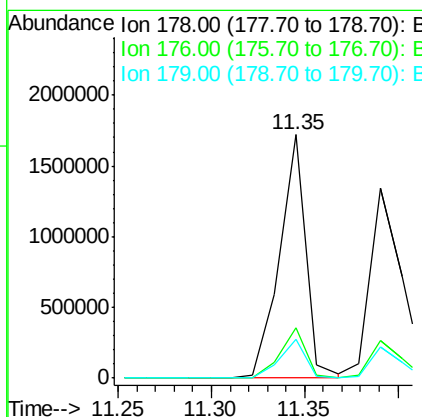
Manual Integrations
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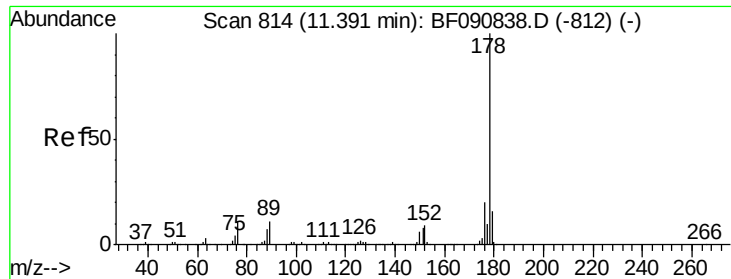
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#70
 Phenanthrene
 Concen: 41.60 ng
 RT: 11.35 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	13.8	20.8
179	16.1	12.2	18.2





#71

Anthracene

Concen: 35.75 ng

RT: 11.39 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:178 Resp: 1604541

Ion Ratio Lower Upper

178 100

176 19.9 14.1 21.1

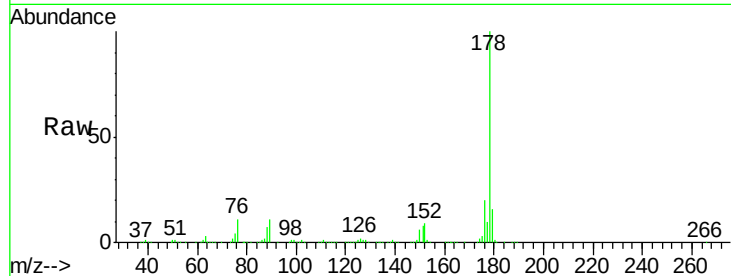
179 16.4 12.2 18.2

Manual Integrations

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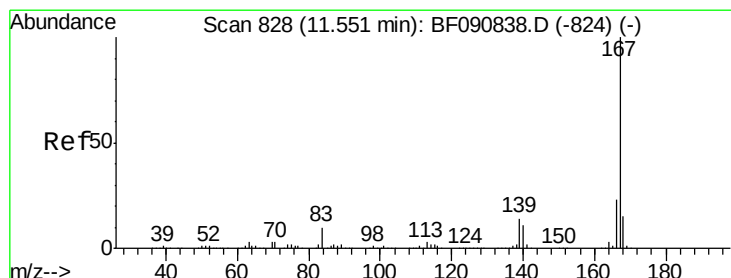
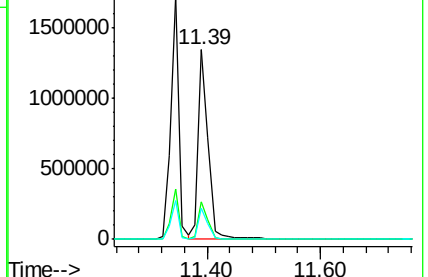
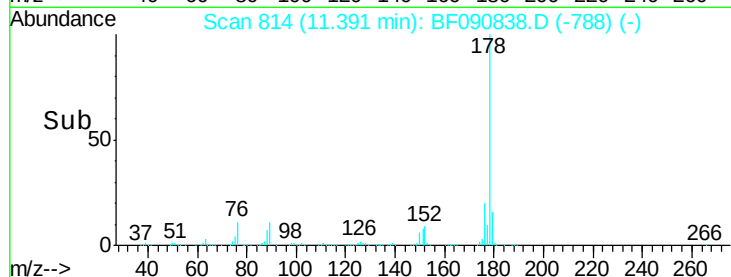
10/27/2016 3:44:18 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.09 ng

RT: 11.55 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

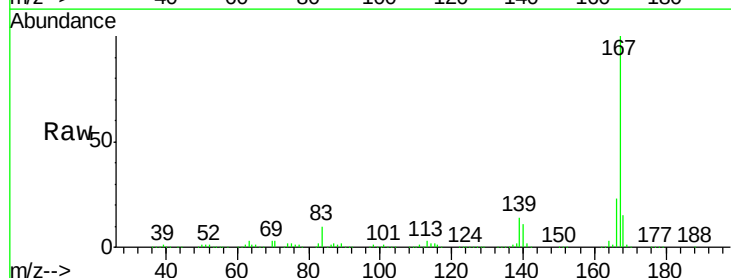
Tgt Ion:167 Resp: 1504402

Ion Ratio Lower Upper

167 100

166 22.7 15.7 23.5

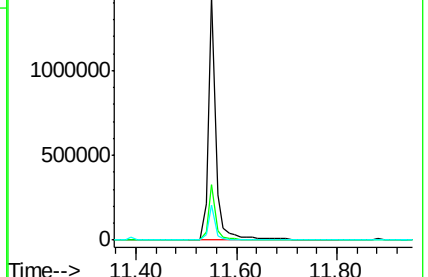
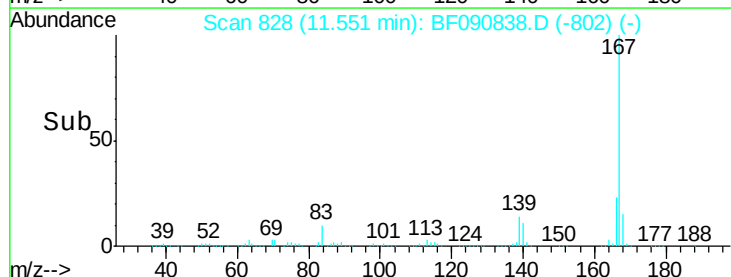
139 14.3 9.5 14.3#

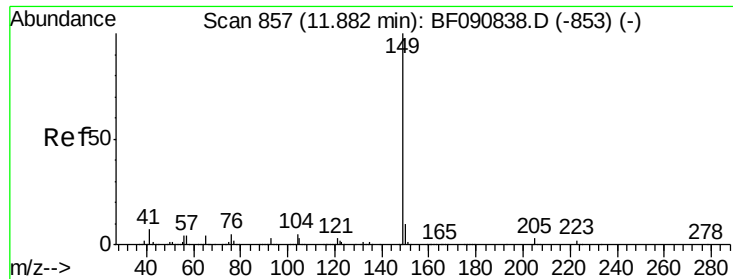


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.32 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1864903

Ion Ratio Lower Upper

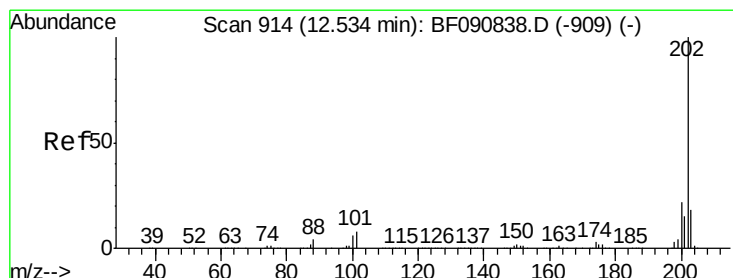
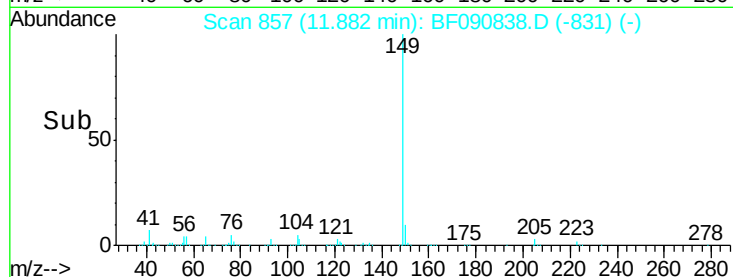
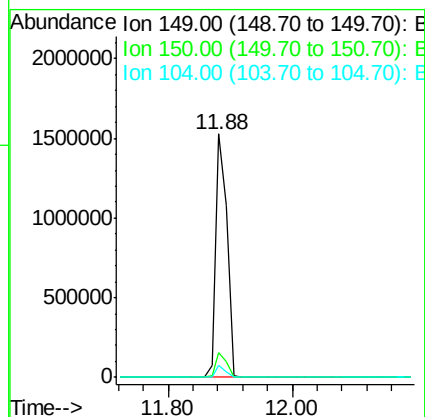
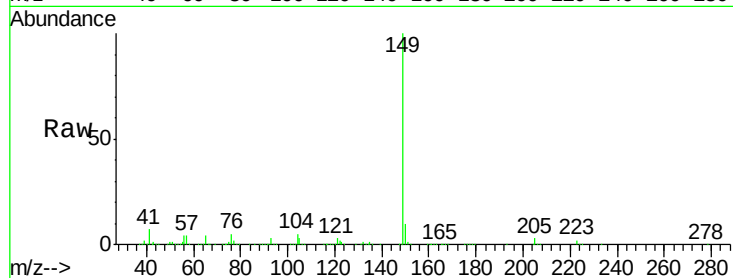
149 100

150 10.2 7.4 11.2

104 5.1 2.4 3.6#

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#74

Fluoranthene

Concen: 46.07 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

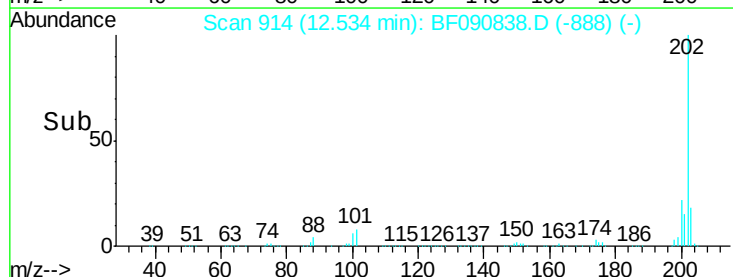
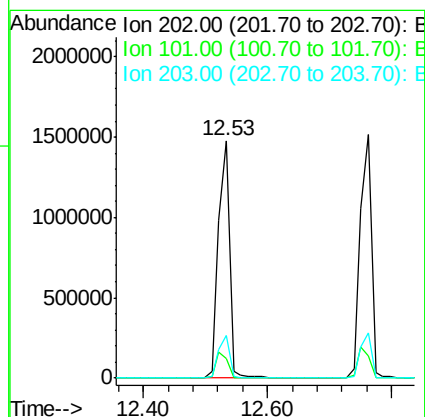
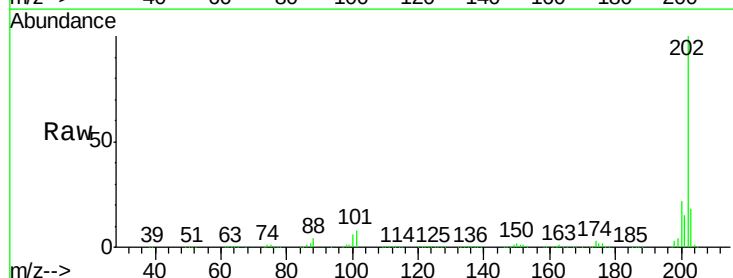
Tgt Ion:202 Resp: 1803424

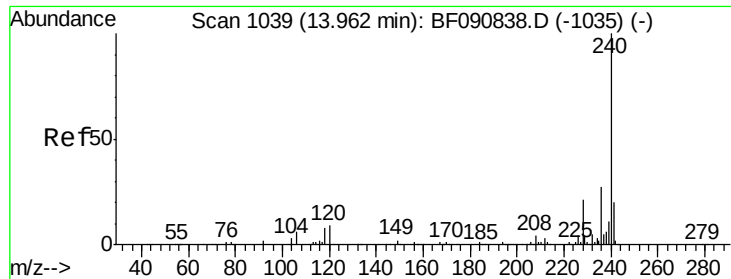
Ion Ratio Lower Upper

202 100

101 8.3 0.0 38.3

203 18.1 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

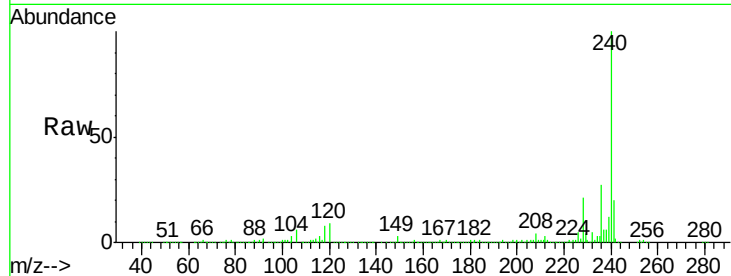
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	16.2	24.2#
236	27.0	18.4	27.6

Manual Integrations
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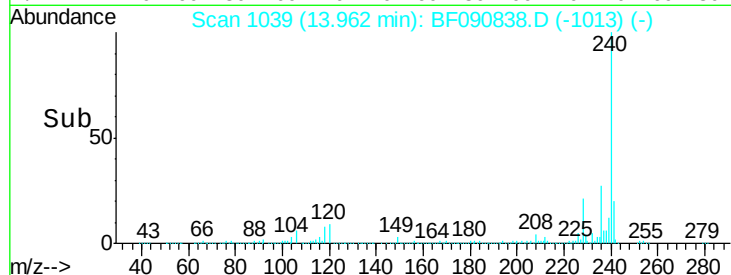


Abundance Ion 240.00 (239.70 to 240.70): E

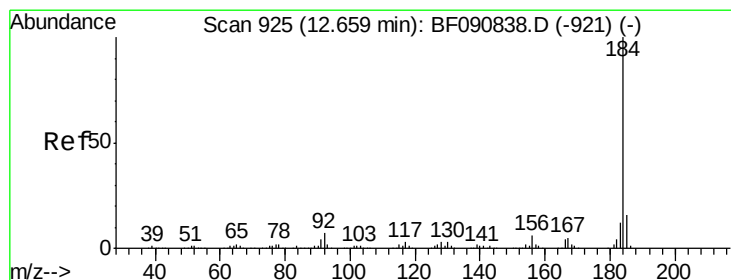
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.96



Time--> 13.80 14.00 14.20



#76

Benzidine

Concen: 39.87 ng

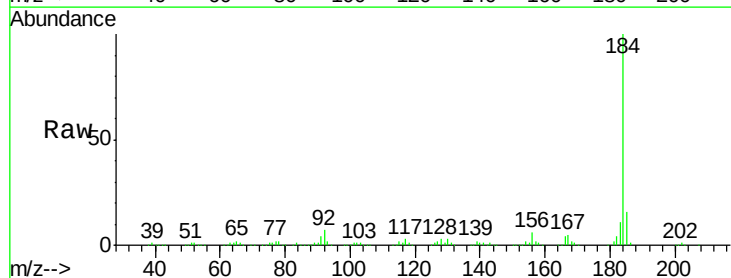
RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.8	17.6
183	11.5	7.6	11.4#

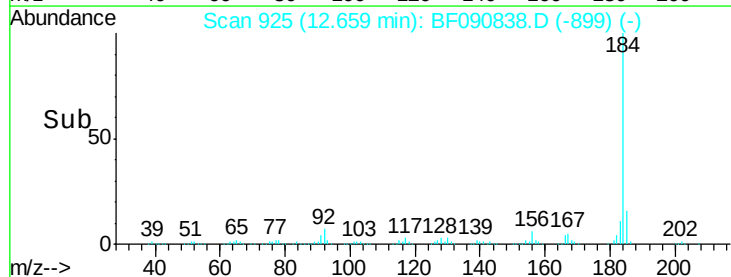


Abundance Ion 184.00 (183.70 to 184.70): E

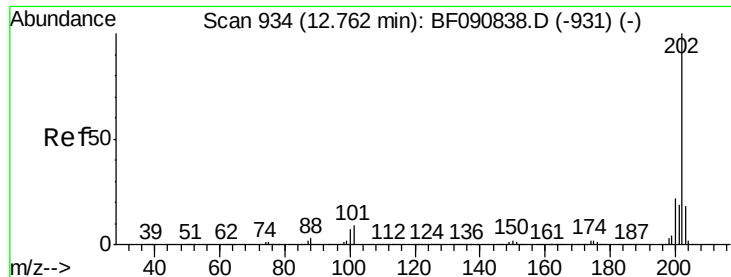
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.66



Time--> 12.60 12.80



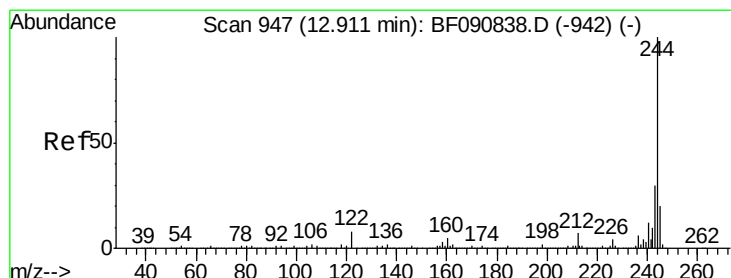
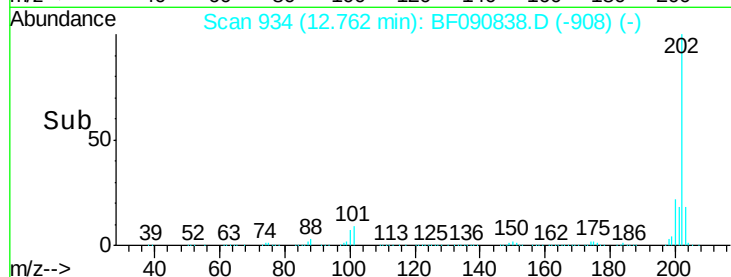
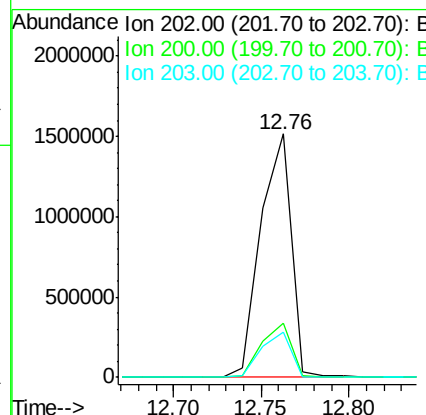
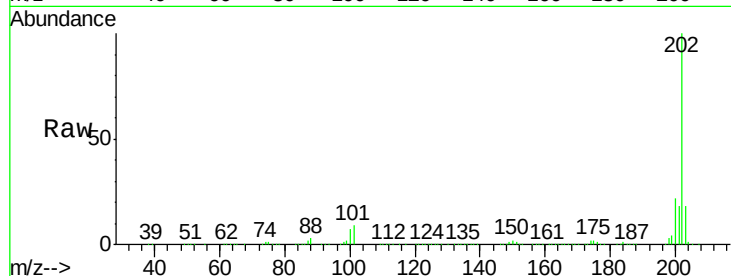
#77
Pvrene
Concen: 37.49 ng/mL
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	15.0	22.4#
203	18.4	14.1	21.1

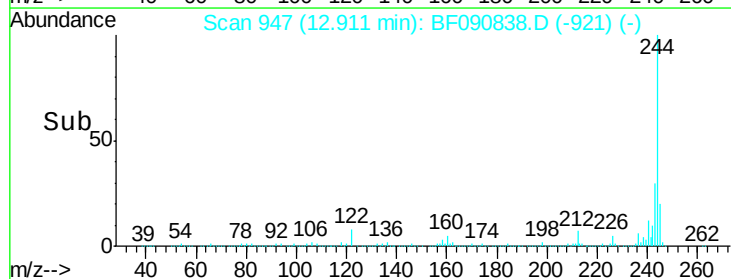
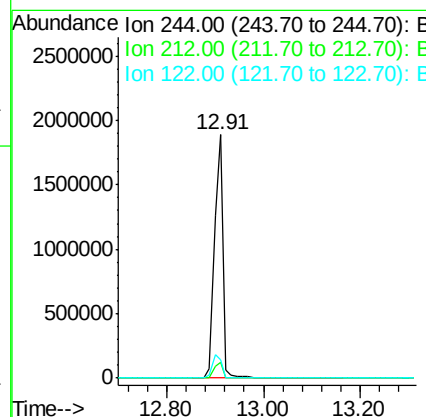
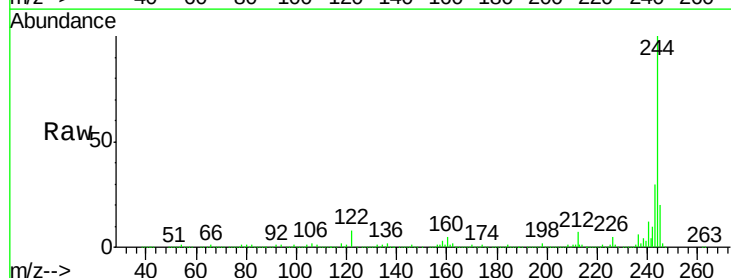
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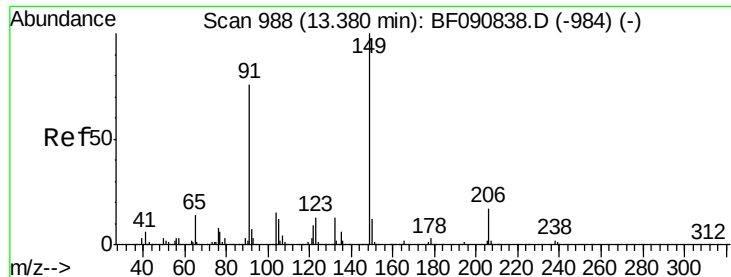
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#78
Terphenyl-d14
Concen: 76.11 ng/mL
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.3	6.5#
122	7.8	17.4	26.2#





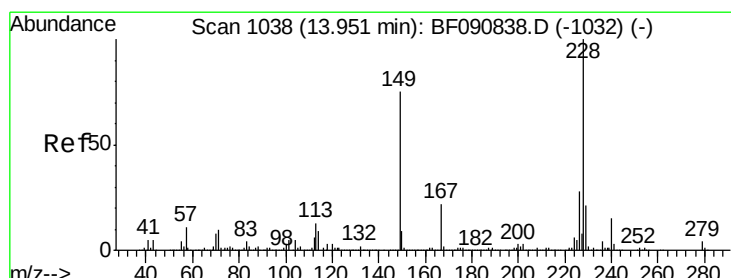
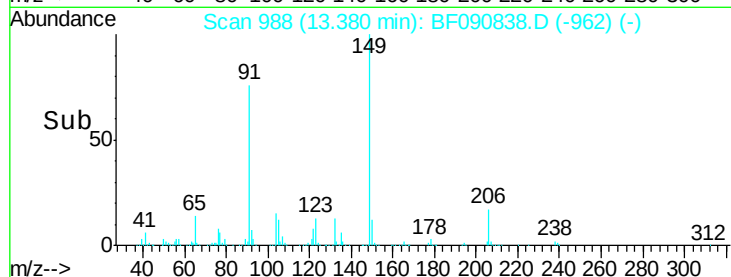
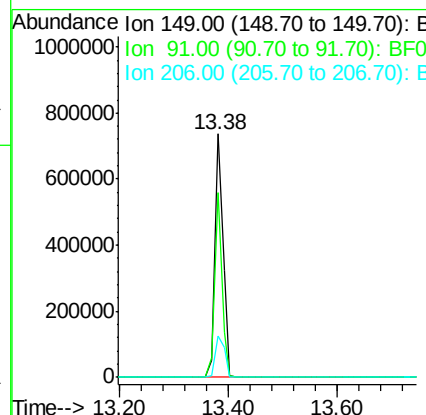
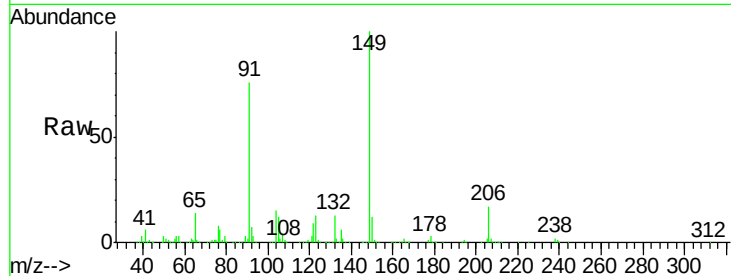
#79
Butylbenzylphthalate
Concen: 34.49 ng
RT: 13.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.7	48.6	72.8#
206	16.9	14.9	22.3

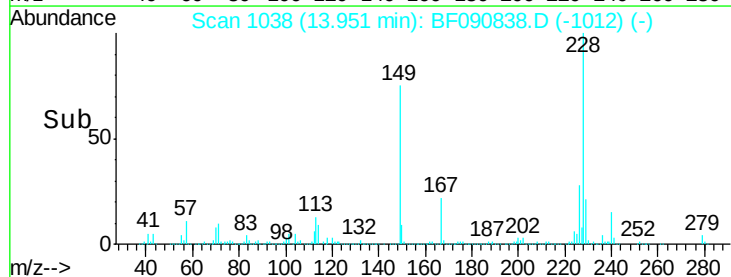
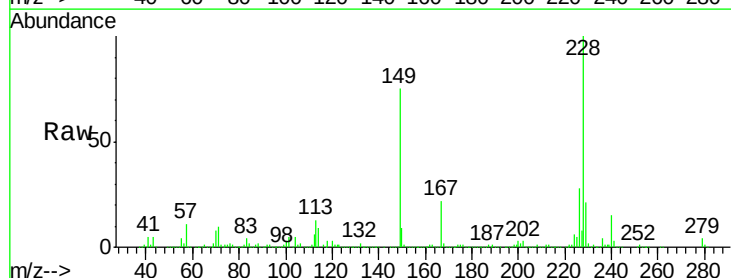
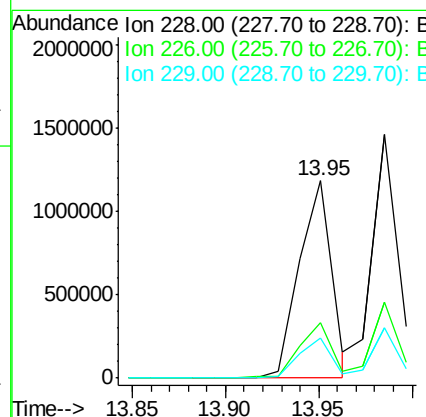
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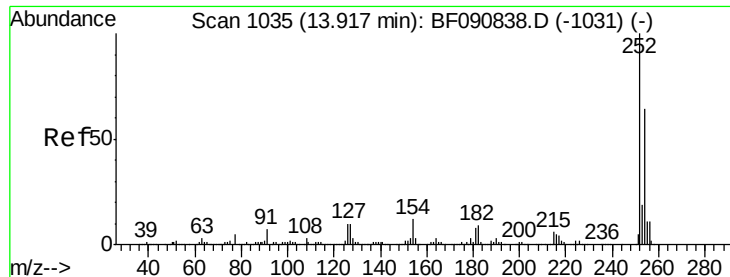
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#80
Benzo(a)anthracene
Concen: 37.61 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	20.0	30.0
229	20.6	15.4	23.2





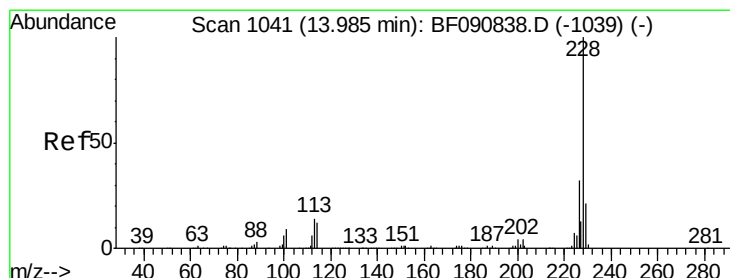
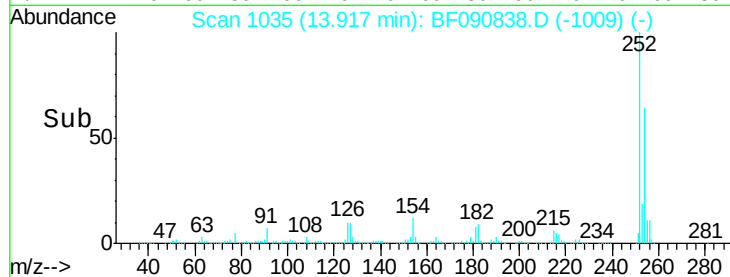
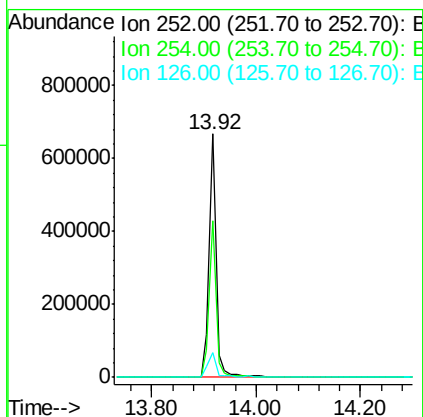
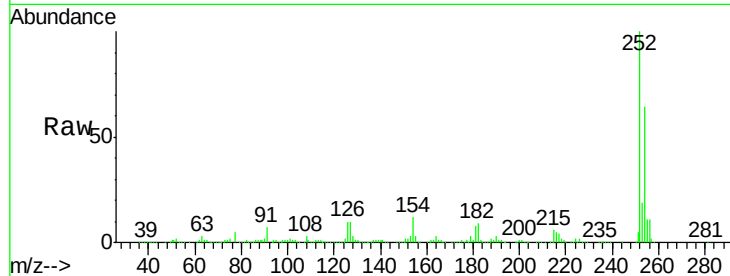
#81
 3,3'-Dichlorobenzidine
 Concen: 47.09 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.2
126	10.2	16.4	24.6

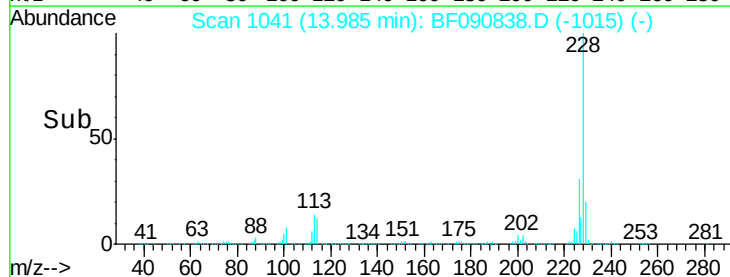
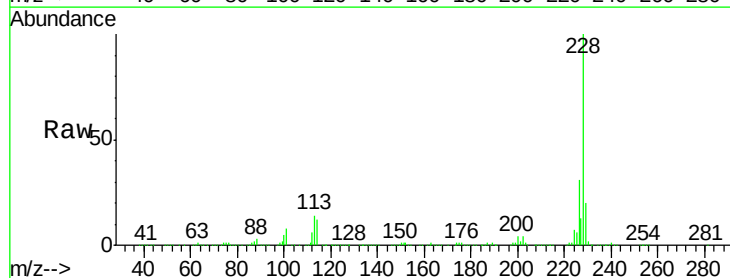
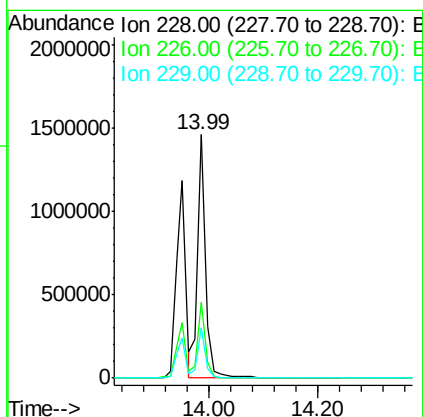
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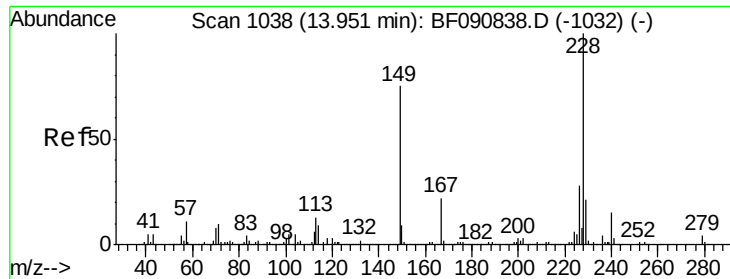
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#82
 Chrysene
 Concen: 39.13 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.0	31.4
229	20.5	15.6	23.4





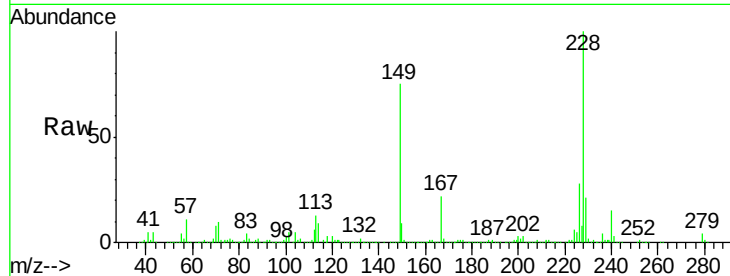
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.16 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

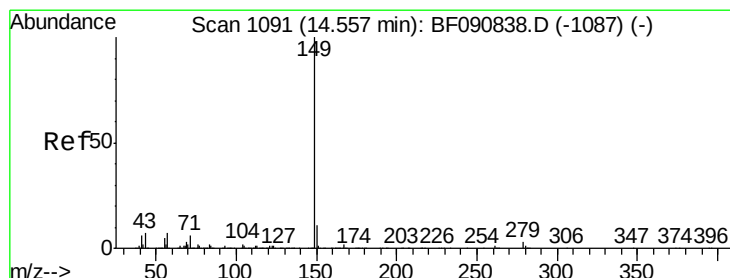
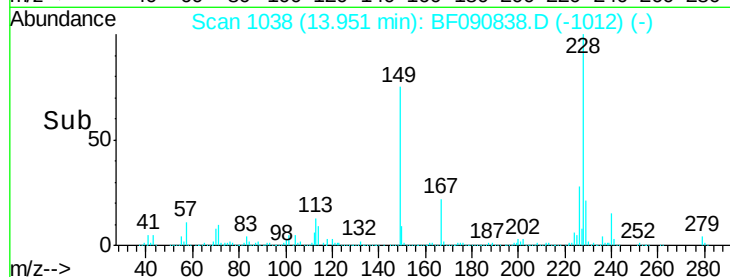
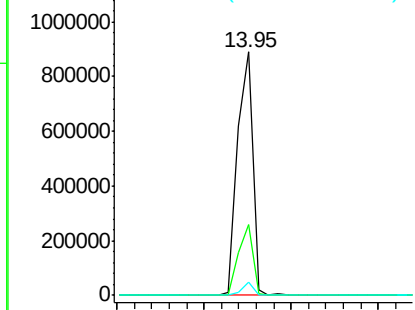
Tot Ion:149 Resp: 1068299
 Ion Ratio Lower Upper
 149 100
 167 29.2 24.2 36.2
 279 5.3 3.8 5.6

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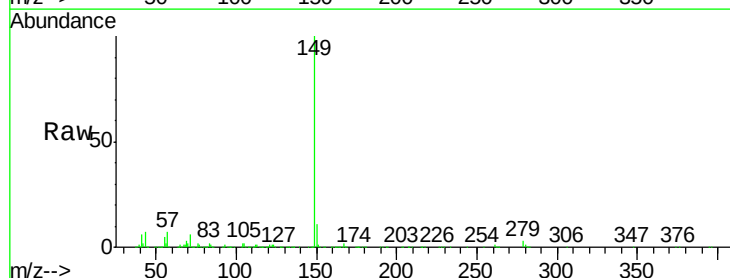


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

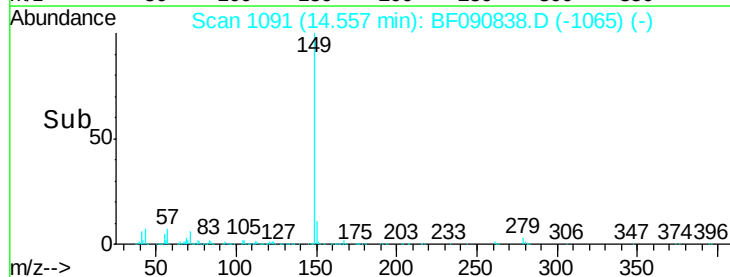
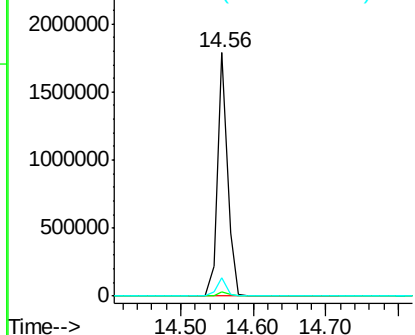


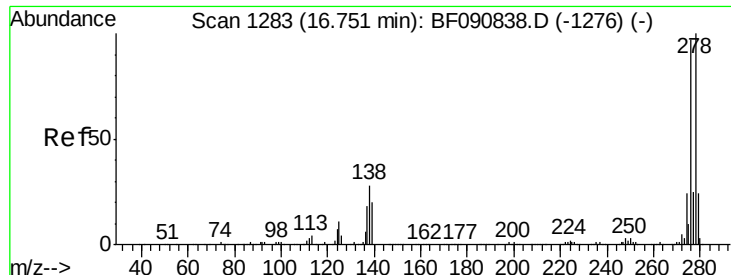
#84
 Di-n-octyl phthalate
 Concen: 35.11 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Tgt Ion:149 Resp: 1716269
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 7.2 10.2 15.2#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.31 ng

RT: 16.75 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:276 Resp: 1219394

Ion Ratio Lower Upper

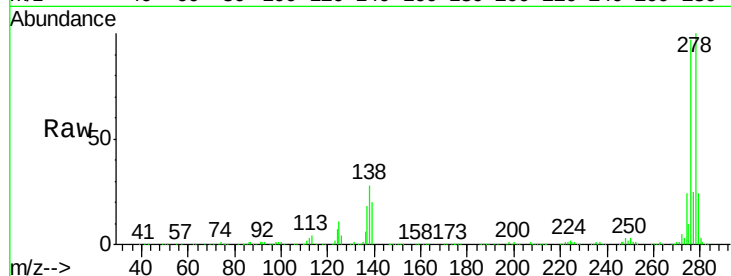
276 100

138 28.4 25.7 38.5

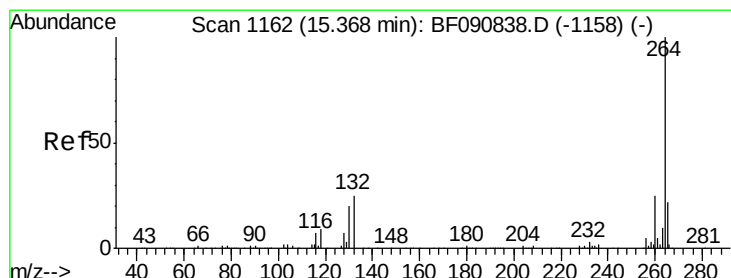
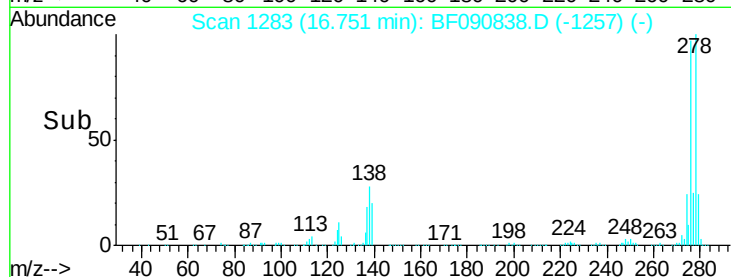
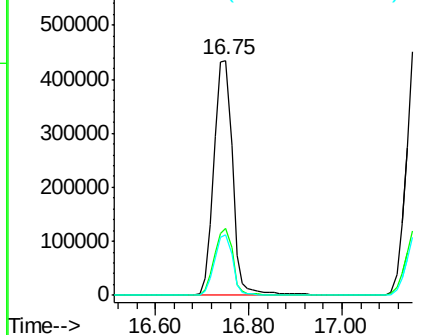
277 25.4 15.6 23.4#

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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: 15.37 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF090838.D

Acq: 26 Oct 2016 13:00

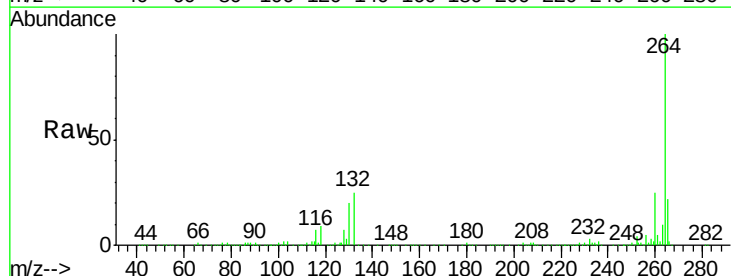
Tgt Ion:264 Resp: 548455

Ion Ratio Lower Upper

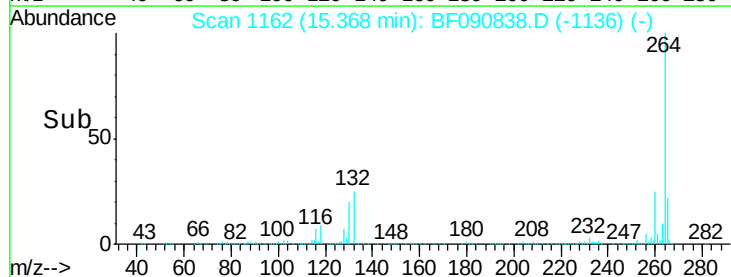
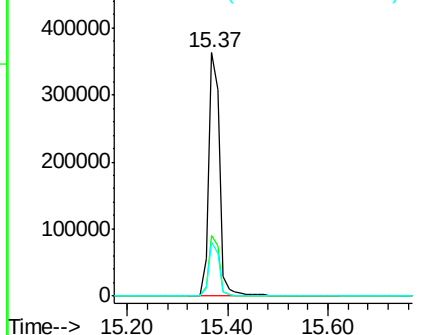
264 100

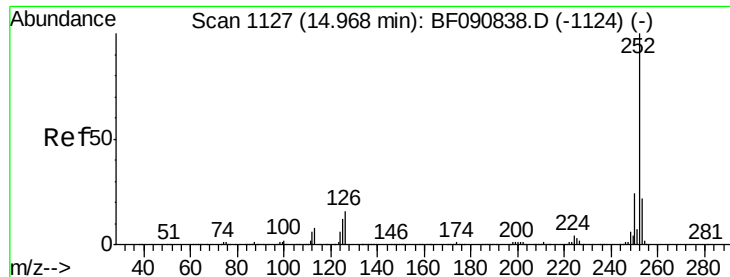
260 24.9 16.7 25.1

265 22.1 17.2 25.8



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





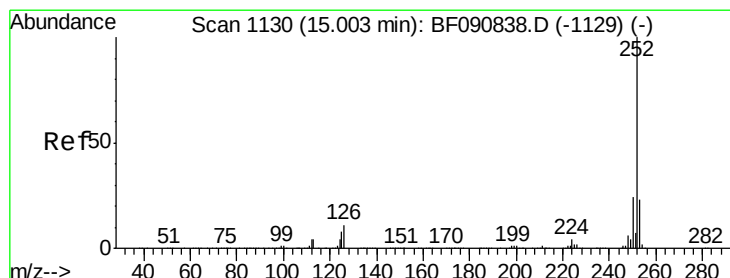
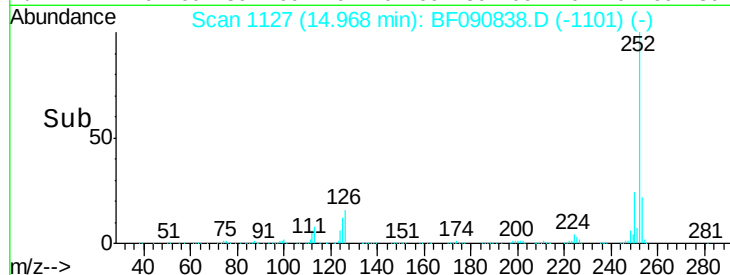
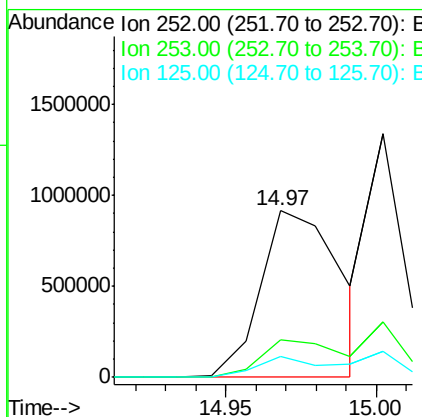
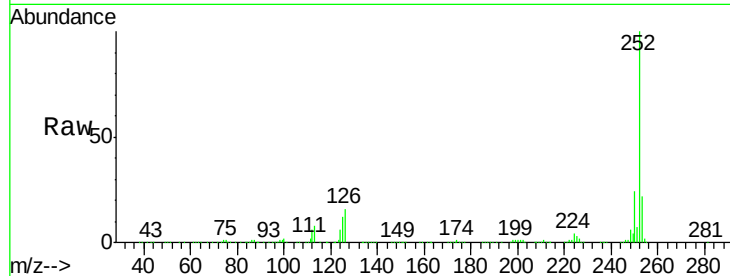
#87
Benzo(b)fluoranthene
Concen: 49.98 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:252 Resp: 1685496
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 12.3 17.1 25.7#

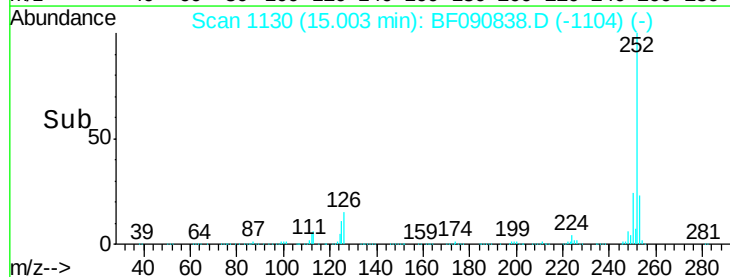
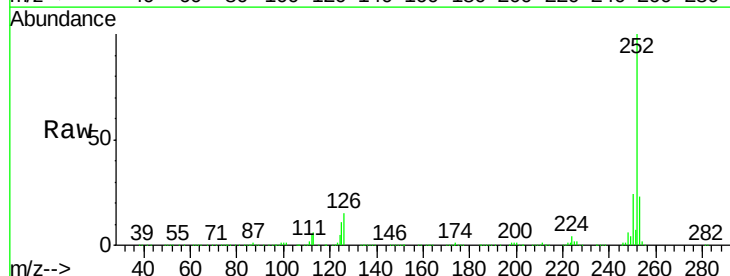
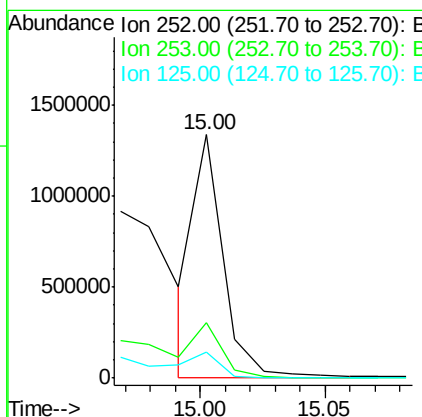
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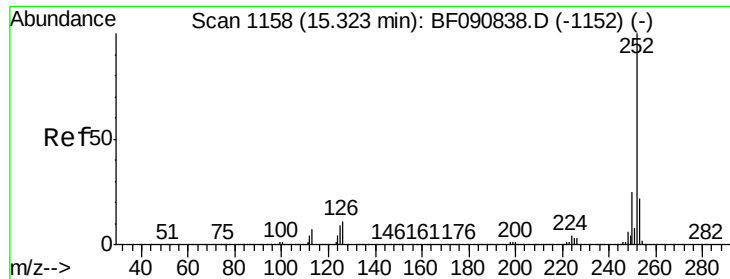
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#88
Benzo(k)fluoranthene
Concen: 33.18 ng m
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion:252 Resp: 1124516
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 10.5 16.0 24.0#





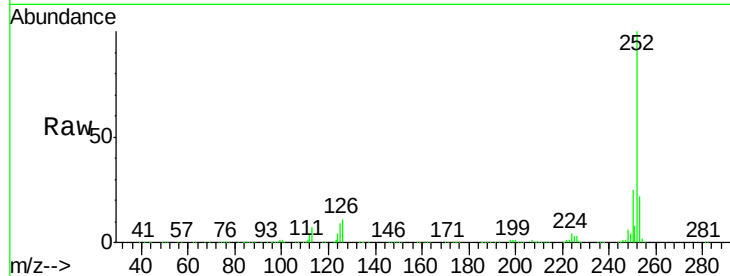
#89
Benzo(a)pyrene
Concen: 42.35 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

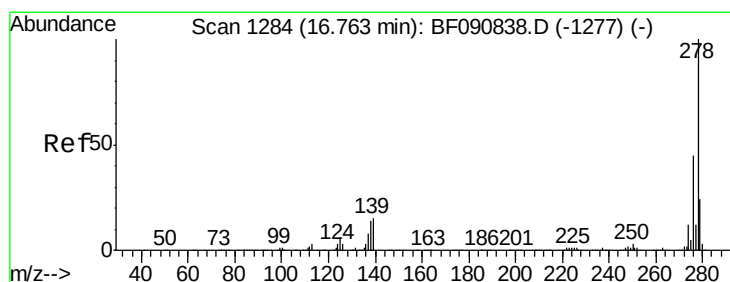
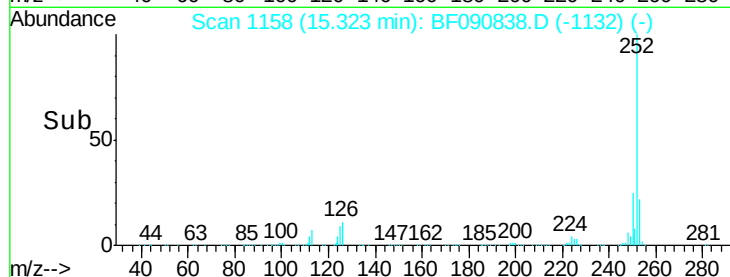
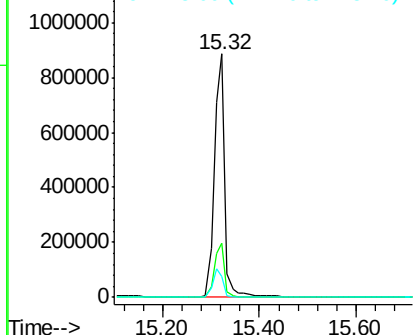
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	8.8	18.0	27.0

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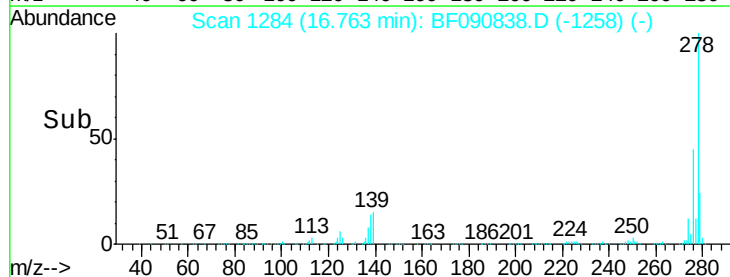
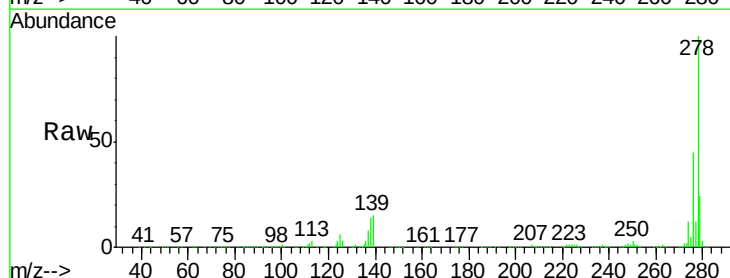
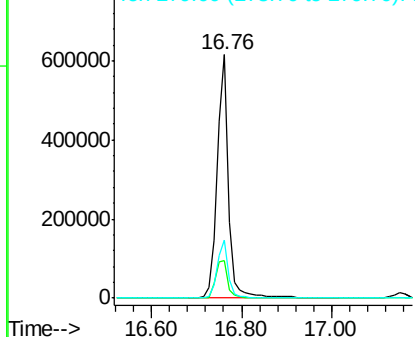
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

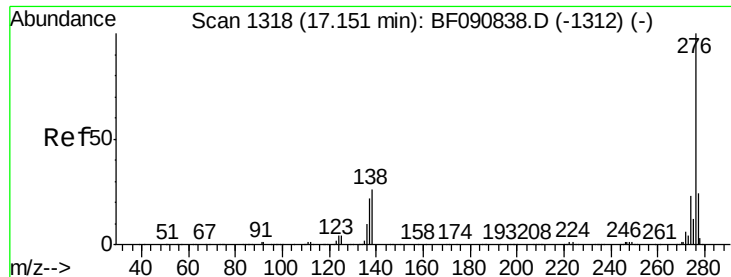


#90
Dibenzo(a,h)anthracene
Concen: 35.58 ng
RT: 16.76 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF090838.D
Acq: 26 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	26.3	39.5
279	23.8	18.2	27.4

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: 33.73 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF090838.D
 Acq: 26 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	24.1	17.8	26.6	
138	26.2	34.6	51.8	

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