

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082015.D
 Acq On : 3 Oct 2015 10:30
 Operator : UM/IZ
 Sample : G3897-02MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2D(3.5-4)MS

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:29:06 PM

Quant Time: Oct 05 16:26:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	95485	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	370019	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	192387	20.00	ng	-0.03
63) Phenanthrene-d10	11.43	188	397082	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	370143	20.00	ng	-0.03
86) Perylene-d12	15.53	264	299795	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	726402	138.10	ng	-0.03
7) Phenol-d6	6.53	99	1035390	156.43	ng	-0.03
23) Nitrobenzene-d5	7.46	82	603732	108.76	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	274919	141.10	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1019556	89.62	ng	-0.05
78) Terphenyl-d14	13.02	244	1153730	109.00	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.54	88	100605	43.98	ng	87
3) Pyridine	3.26	79	209957	35.26	ng	# 83
4) n-Nitrosodimethylamine	3.22	42	96902	35.82	ng	93
6) Aniline	6.55	93	259193	29.15	ng	# 85
8) 2-Chlorophenol	6.67	128	259540	44.68	ng	99
9) Benzaldehyde	6.43	77	18701	4.31	ng	# 80
10) Phenol	6.54	94	326336	43.95	ng	79
11) bis(2-Chloroethyl)ether	6.63	93	269622	46.83	ng	94
12) 1,3-Dichlorobenzene	6.82	146	274711	40.04	ng	# 91
13) 1,4-Dichlorobenzene	6.90	146	280656	39.17	ng	# 91
14) 1,2-Dichlorobenzene	7.06	146	277084	43.40	ng	97
15) Benzyl Alcohol	7.03	79	181809	38.05	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.17	45	336061	41.29	ng	79
17) 2-Methylphenol	7.14	107	204600	43.45	ng	# 84
18) Hexachloroethane	7.41	117	130370	58.13	ng	# 62
19) n-Nitroso-di-n-propylamine	7.30	70	175834	43.71	ng	# 77
20) 3+4-Methylphenols	7.30	107	252341	42.42	ng	# 47
22) Acetophenone	7.30	105	409438	54.12	ng	# 79
24) Nitrobenzene	7.47	77	239798	39.79	ng	# 66
25) Isophorone	7.71	82	523969	47.63	ng	# 89
26) 2-Nitrophenol	7.79	139	137886	47.66	ng	# 65
27) 2,4-Dimethylphenol	7.83	122	224215	44.05	ng	# 78
28) bis(2-Chloroethoxy)methane	7.93	93	299097	45.78	ng	# 93
29) 2,4-Dichlorophenol	8.03	162	241174	48.87	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	228156	41.41	ng	97
31) Naphthalene	8.21	128	720070m	43.92	ng	
32) Benzoic acid	7.97	122	154578	50.35	ng	# 72
33) 4-Chloroaniline	8.25	127	117982	16.64	ng	# 86
34) Hexachlorobutadiene	8.32	225	140381	43.08	ng	99
35) Caprolactam	8.61	113	127028m	92.97	ng	
36) 4-Chloro-3-methylphenol	8.73	107	212592	44.05	ng	# 79
37) 2-Methylnaphthalene	8.89	142	732045	65.41	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	295142	49.97	ng	99
40) Hexachlorocyclopentadiene	9.04	237	290152	95.40	ng	95

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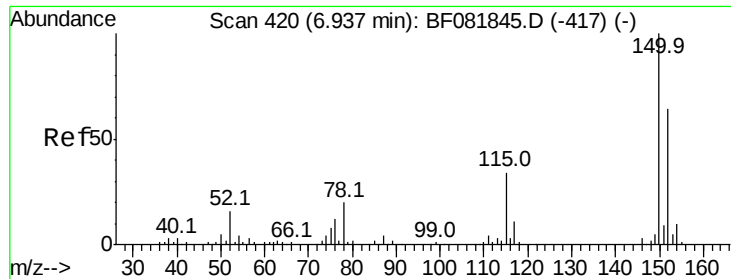
Manual Integrations
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 10/5/2015 6:29:06 PM

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 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	162586	40.15	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	164645	39.54	nq	# 94
45) 1,1'-Biphenyl	9.36	154	686360	46.24	nq	94
46) 2-Chloronaphthalene	9.38	162	452870	38.86	nq	# 92
47) 2-Nitroaniline	9.49	65	141985	41.50	nq	# 77
48) Acenaphthylene	9.81	152	780670	41.85	nq	96
49) Dimethylphthalate	9.67	163	739481	55.69	nq	# 98
50) 2,6-Dinitrotoluene	9.73	165	114873	39.84	nq	# 52
51) Acenaphthene	9.98	154	455848m	41.15	nq	
52) 3-Nitroaniline	9.90	138	84089	25.21	nq	# 71
53) 2,4-Dinitrophenol	10.01	184	112878	80.21	nq	# 79
54) Dibenzofuran	10.15	168	701626	44.82	nq	# 89
55) 4-Nitrophenol	10.07	139	228985	95.01	nq	# 81
56) 2,4-Dinitrotoluene	10.14	165	184353	50.16	nq	# 96
57) Fluorene	10.49	166	588602	52.95	nq	91
58) 2,3,4,6-Tetrachlorophenol	10.26	232	153775m	46.56	nq	
59) Diethylphthalate	10.37	149	533351	43.00	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	256978	44.84	nq	# 85
61) 4-Nitroaniline	10.53	138	132449	39.60	nq	# 63
62) Azobenzene	10.64	77	560018	46.26	nq	91
64) 4,6-Dinitro-2-methylphenol	10.54	198	75297	42.88	nq	92
65) n-Nitrosodiphenylamine	10.61	169	520755	43.35	nq	92
66) 4-Bromophenyl-phenylether	10.97	248	173923	43.44	nq	96
67) Hexachlorobenzene	11.03	284	171687	38.00	nq	# 78
68) Atrazine	11.13	200	178966	48.01	nq	84
69) Pentachlorophenol	11.23	266	235014	91.28	nq	99
70) Phenanthrene	11.45	178	814634	42.54	nq	96
71) Anthracene	11.51	178	919813	45.57	nq	98
72) Carbazole	11.66	167	799977	43.80	nq	95
73) Di-n-butylphthalate	11.99	149	888664	47.85	nq	# 97
74) Fluoranthene	12.64	202	888579	41.77	nq	90
76) Benzidine	12.78	184	364672	32.70	nq	98
77) Pyrene	12.87	202	895426	40.49	nq	96
79) Butylbenzylphthalate	13.50	149	418773	50.33	nq	98
80) Benzo(a)anthracene	14.07	228	806493	40.46	nq	96
81) 3,3'-Dichlorobenzidine	14.04	252	255252	37.92	nq	# 94
82) Chrysene	14.10	228	846024m	54.84	nq	
83) Bis(2-ethylhexyl)phthalate	14.06	149	556760	53.34	nq	# 94
84) Di-n-octyl phthalate	14.68	149	960958	56.57	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.98	276	669966	42.97	nq	# 87
87) Benzo(b)fluoranthene	15.11	252	871921m	50.94	nq	
88) Benzo(k)fluoranthene	15.14	252	613612m	39.11	nq	
89) Benzo(a)pyrene	15.48	252	684692	46.12	nq	# 87
90) Dibenzo(a,h)anthracene	17.01	278	557630	44.76	nq	# 82
91) Benzo(g,h,i)perylene	17.43	276	540723	42.36	nq	# 77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

ClientSampleId :

B-2D(3.5-4)MS

Tot Ion:152 Resp: 95485

Ion Ratio Lower Upper

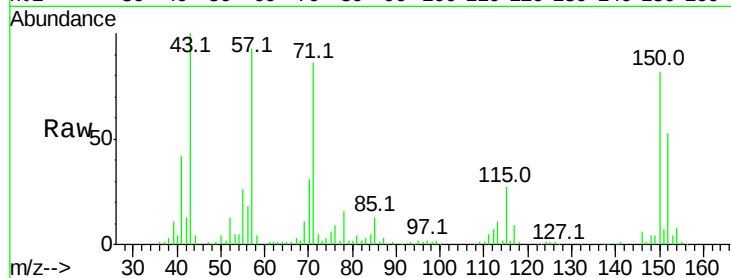
152 100

150 155.0 124.7 187.1

115 50.8 39.0 58.4

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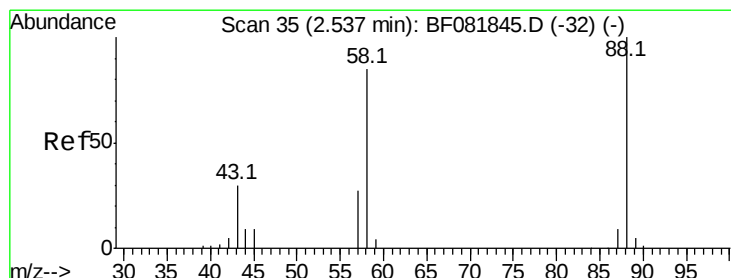
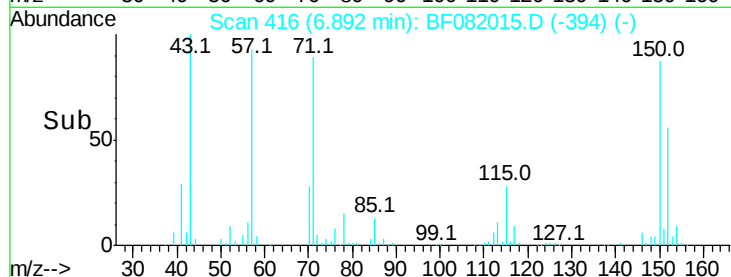
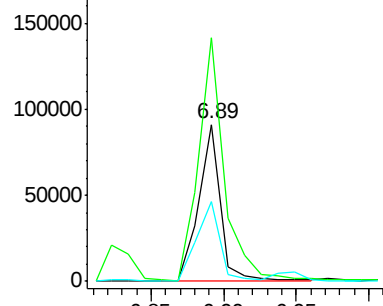
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.98 ng

RT: 2.54 min Scan# 35

Delta R.T. 0.00 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

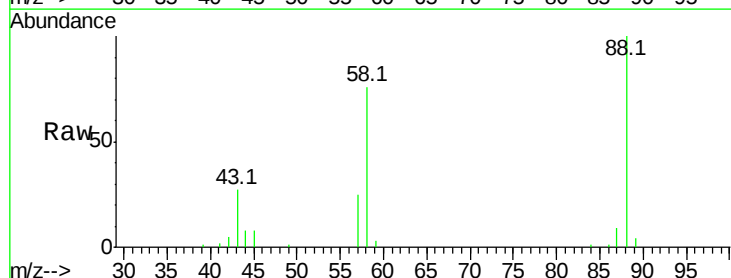
Tgt Ion: 88 Resp: 100605

Ion Ratio Lower Upper

88 100

58 83.1 77.7 116.5

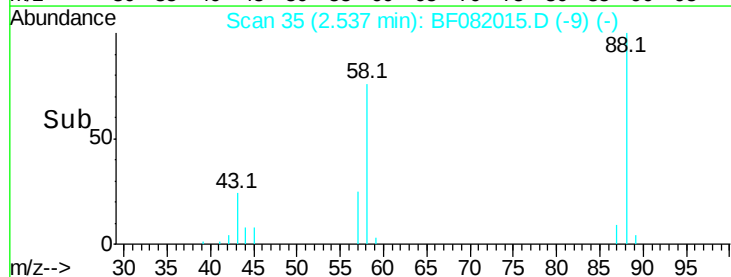
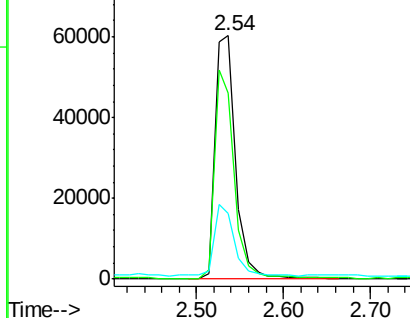
43 28.4 26.6 40.0

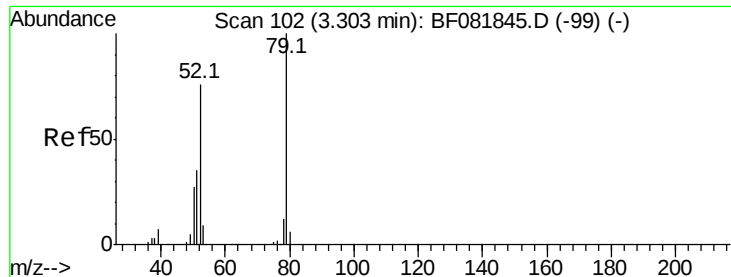


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.26 ng

RT: 3.26 min Scan# 98

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

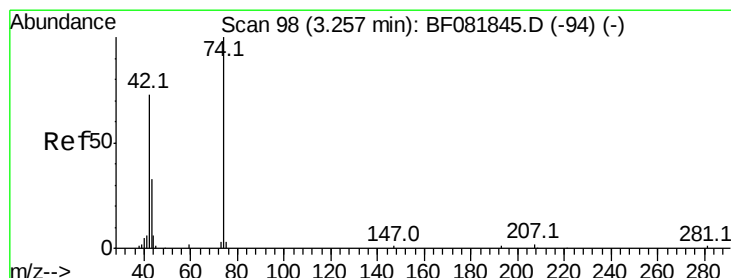
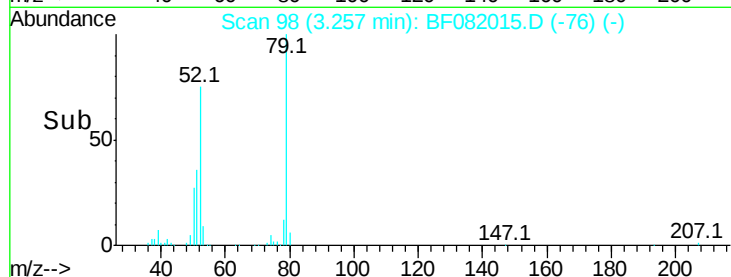
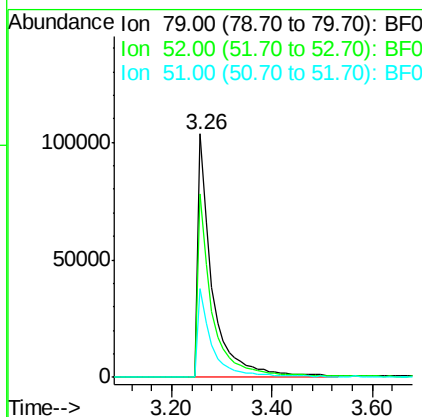
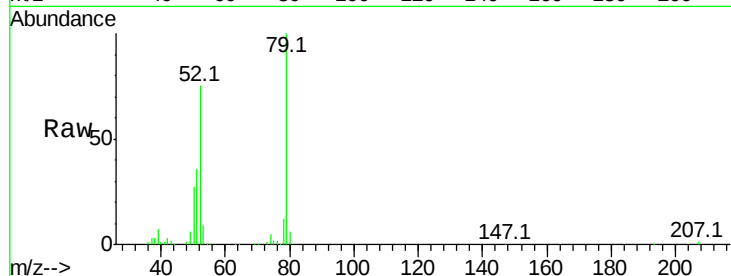
ClientSampleId :

B-2D(3.5-4)MS

Tot Ion:	79	Resp:	209957
Ion Ratio	Lower	Upper	
79	100		
52	75.2	76.8	115.2#
51	36.3	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 35.82 ng

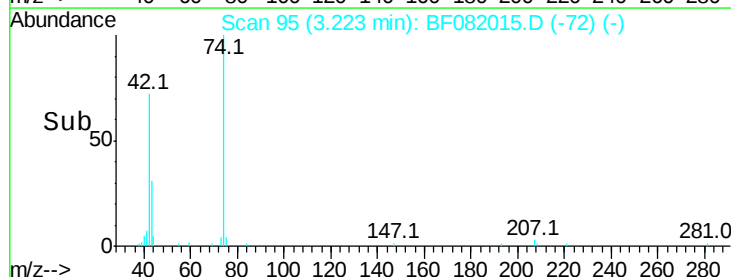
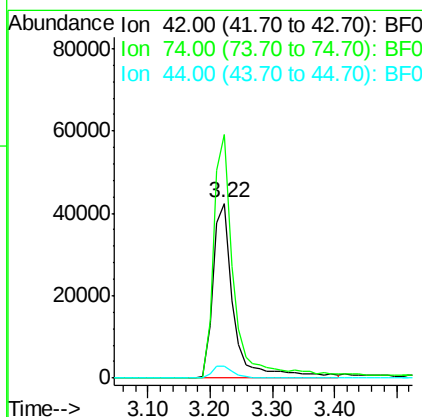
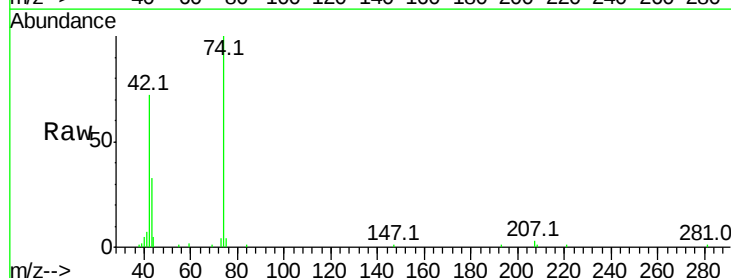
RT: 3.22 min Scan# 95

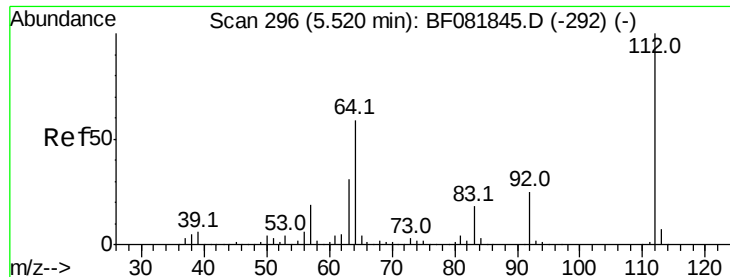
Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Tgt Ion:	42	Resp:	96902
Ion Ratio	Lower	Upper	
42	100		
74	139.4	105.0	157.6
44	6.9	6.6	10.0





#5

2-Fluorophenol

Concen: 138.10 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

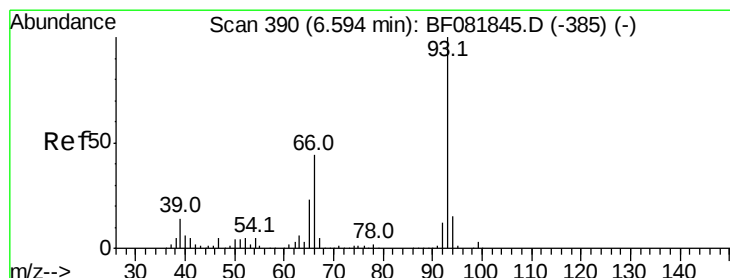
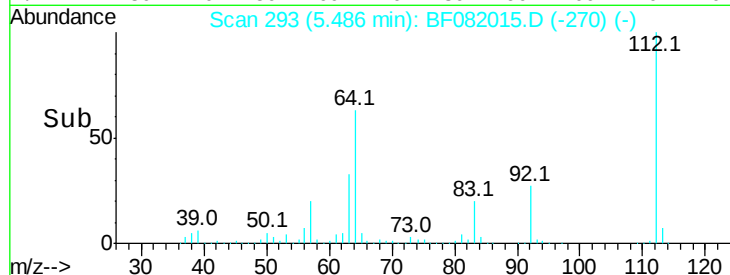
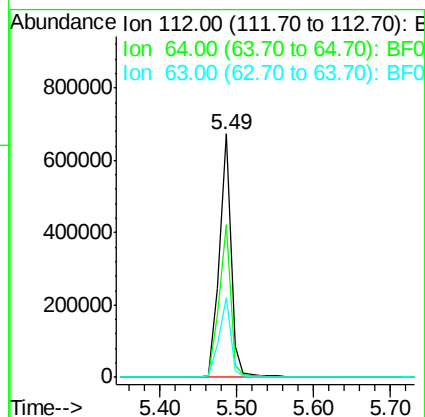
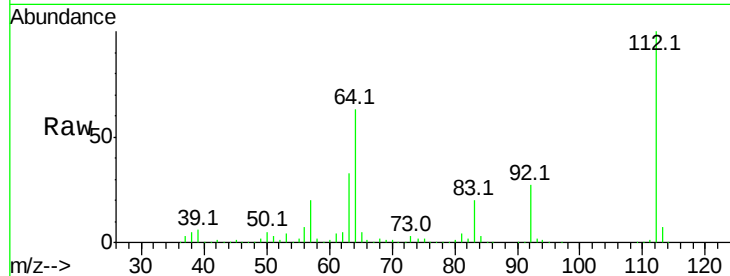
ClientSampleId :

B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	726402		
64	62.7	39.7	59.5#	
63	32.8	17.4	26.0#	

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#6

Aniline

Concen: 29.15 ng

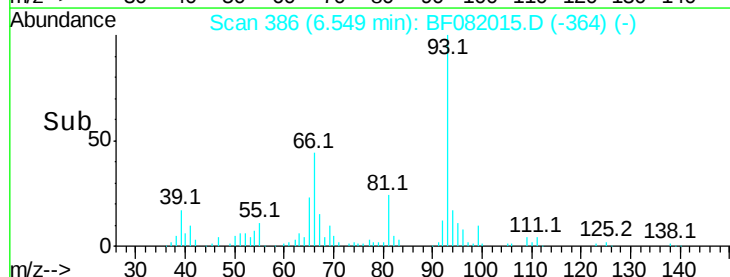
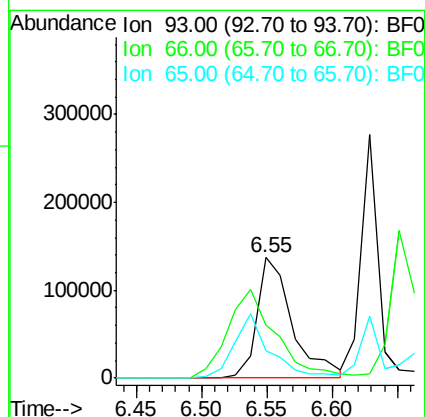
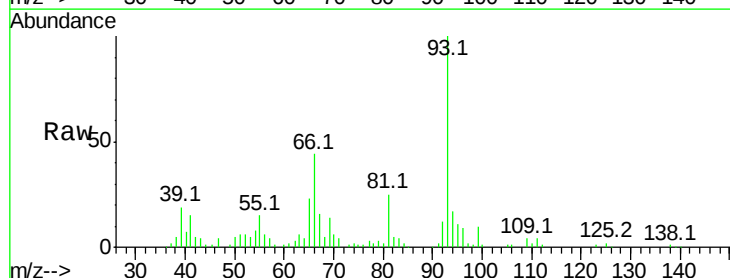
RT: 6.55 min Scan# 386

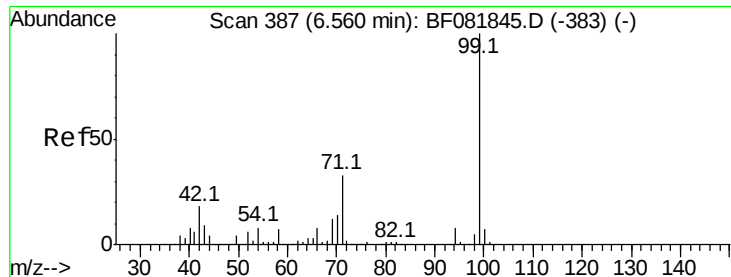
Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	259193		
66	44.2	27.2	40.8#	
65	22.8	14.7	22.1#	





#7

Phenol-d6

Concen: 156.43 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

ClientSampleId :

B-2D(3.5-4)MS

Tot Ion: 99 Resp: 1035390

Ion Ratio Lower Upper

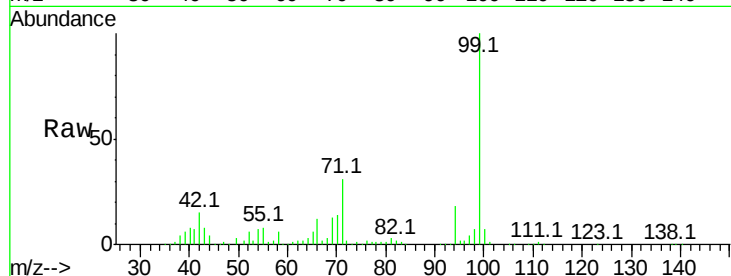
99 100

42 15.2 13.7 20.5

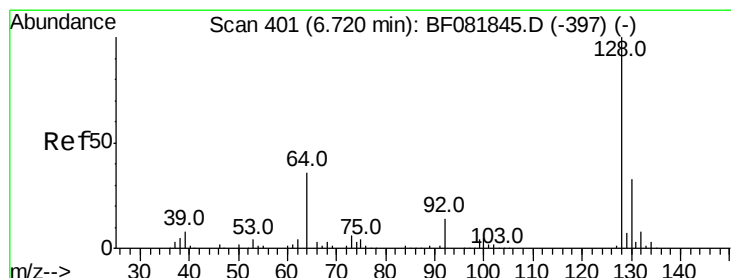
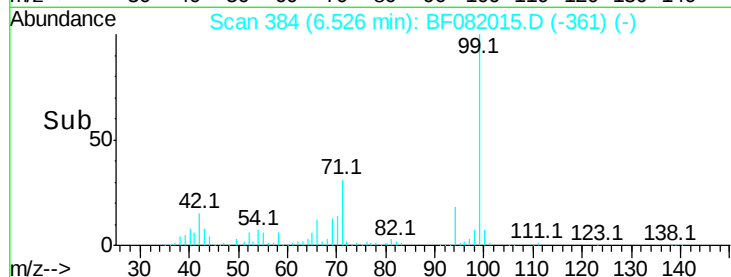
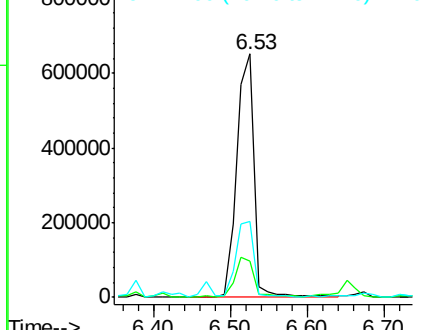
71 31.4 14.2 21.2#

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.68 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

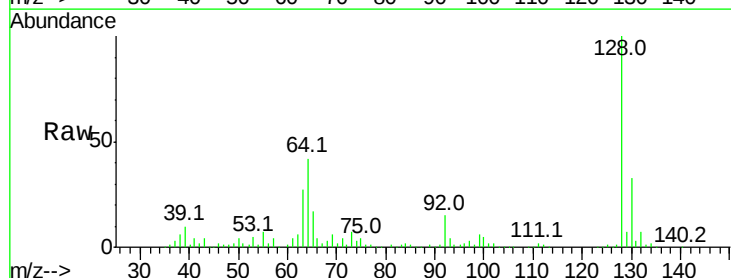
Tgt Ion:128 Resp: 259540

Ion Ratio Lower Upper

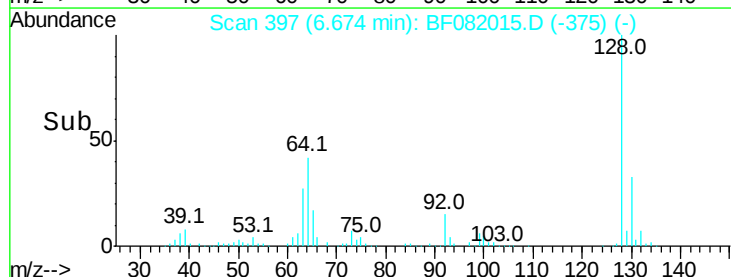
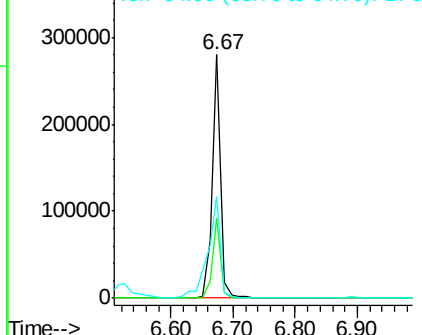
128 100

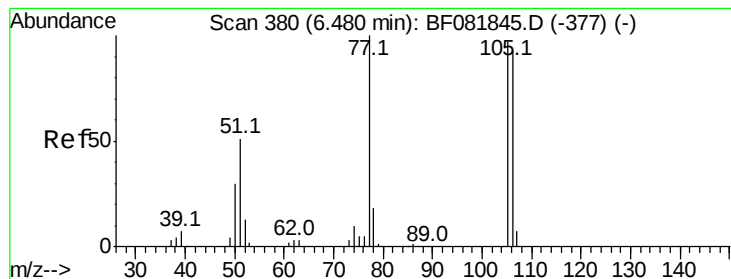
130 32.8 12.2 52.2

64 41.5 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.31 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

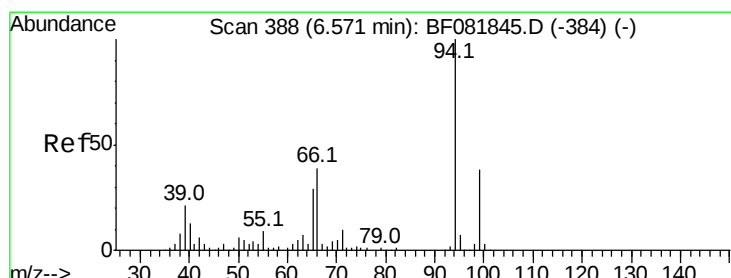
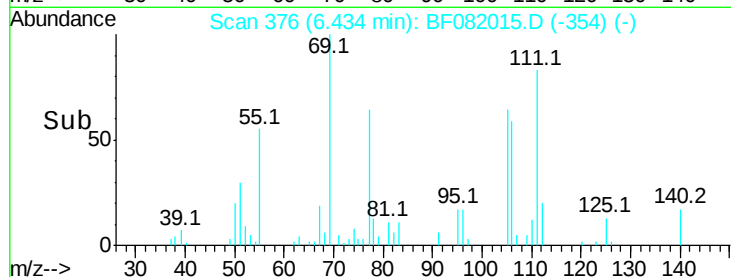
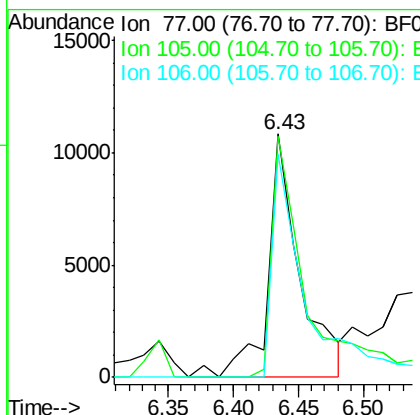
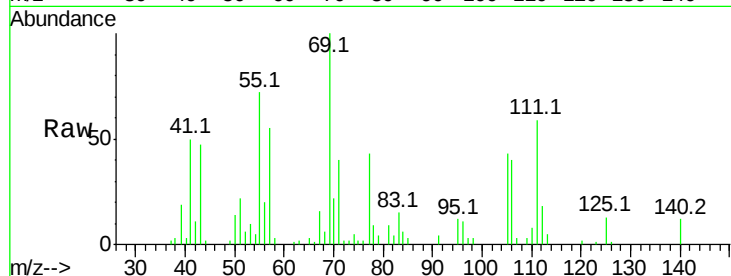
ClientSampleId :

B-2D(3.5-4)MS

Tot Ion:	77	Resp:	18701
Ion Ratio	Lower	Upper	
77	100		
105	99.2	91.6	131.6
106	91.6	102.6	142.6#

Manual Integrations
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#10

Phenol

Concen: 43.95 ng

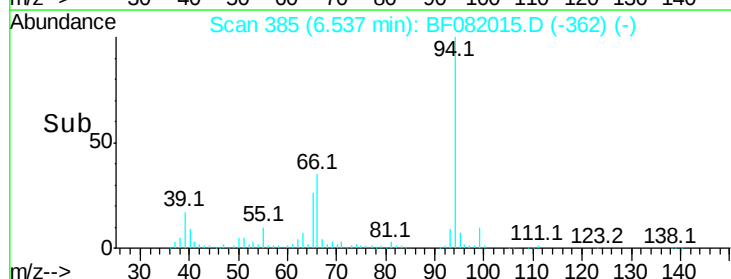
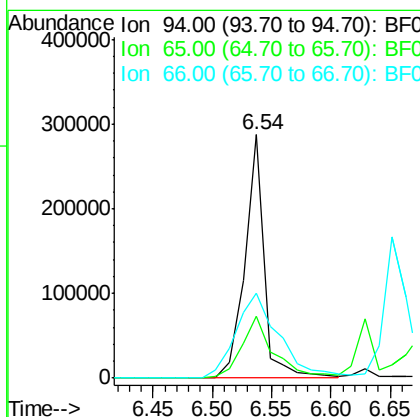
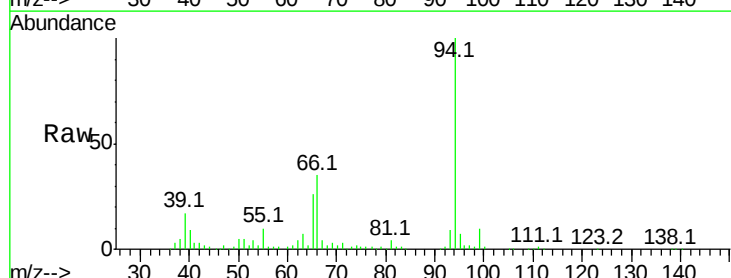
RT: 6.54 min Scan# 385

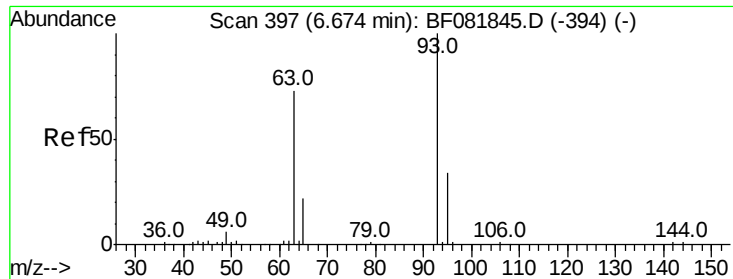
Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Tgt Ion:	94	Resp:	326336
Ion Ratio	Lower	Upper	
94	100		
65	25.7	0.7	40.7
66	35.0	0.8	40.8





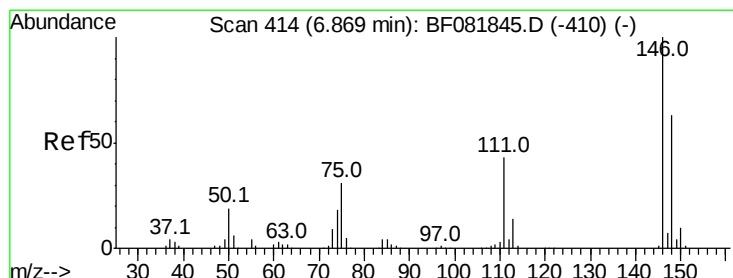
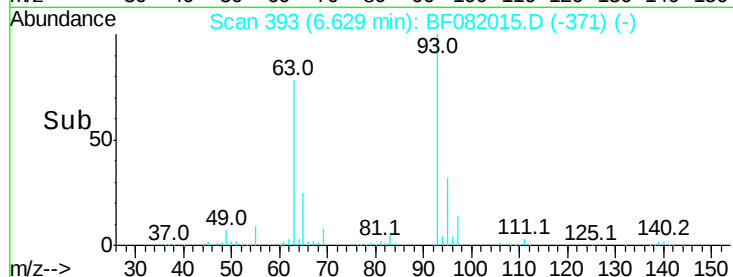
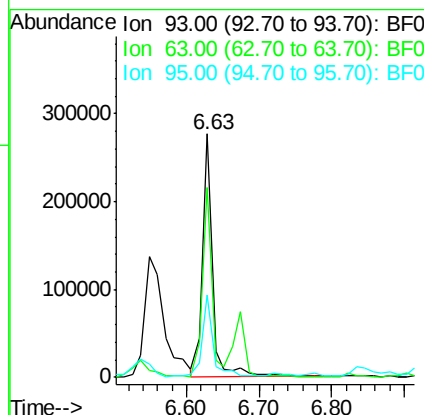
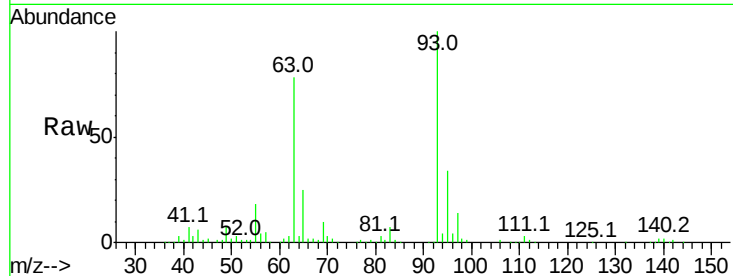
#11
bis(2-Chloroethyl)ether
Concen: 46.83 ng
RT: 6.63 min Scan# 393
Delta R.T. -0.05 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	269622		
63	78.1	65.6	105.6	
95	33.6	13.6	53.6	

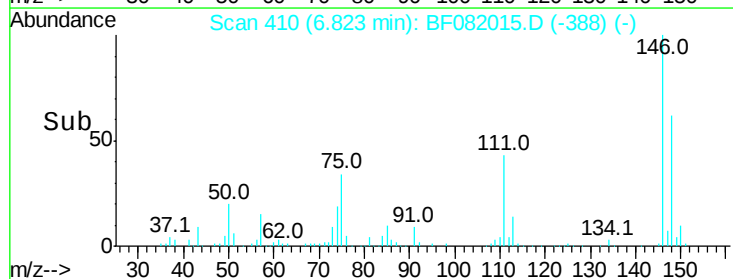
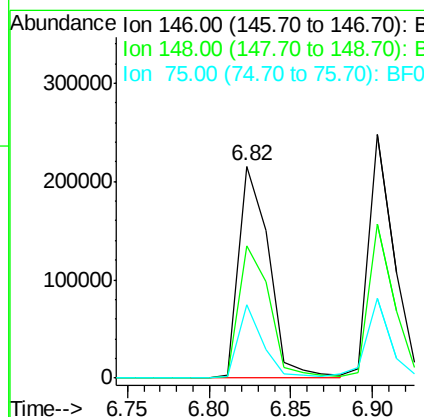
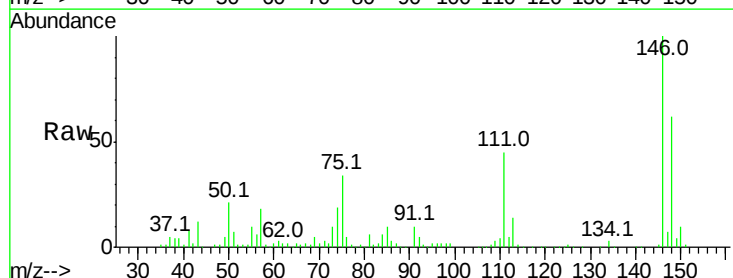
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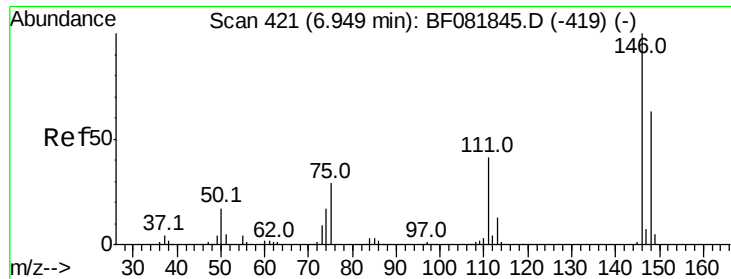
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#12
1,3-Dichlorobenzene
Concen: 40.04 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.05 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	274711		
148	62.3	51.0	76.4	
75	34.5	15.0	22.6	





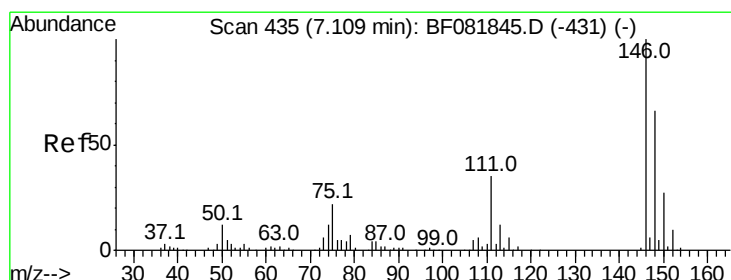
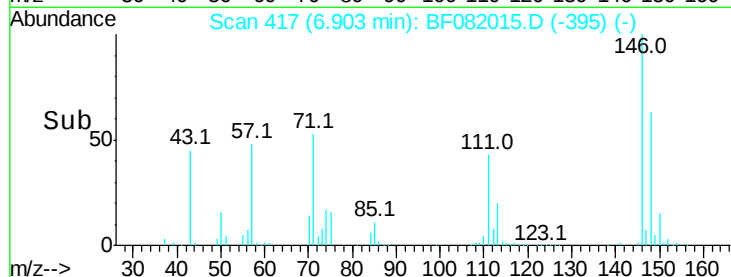
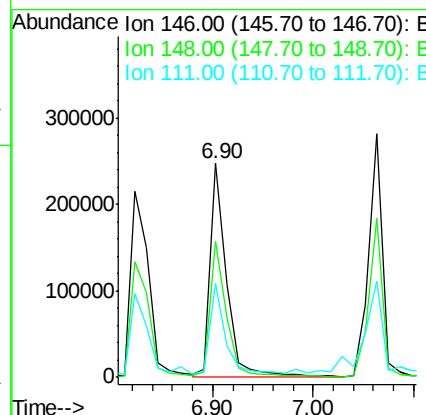
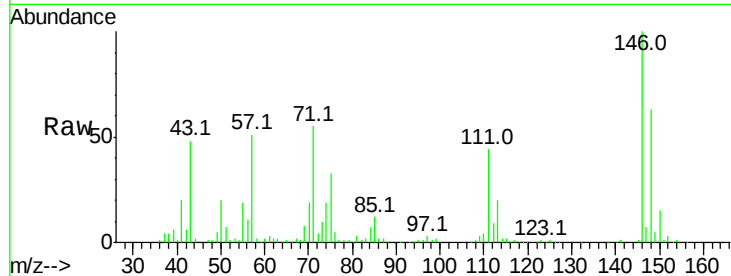
#13
 1,4-Dichlorobenzene
 Concen: 39.17 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.05 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Instrument :
 BNA_F
 ClientSampleId :
 B-2D(3.5-4)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
111	43.9	24.9	37.3

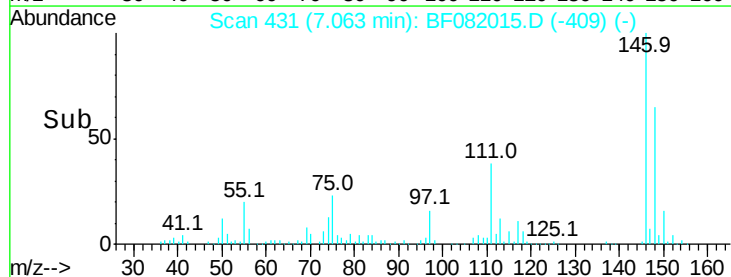
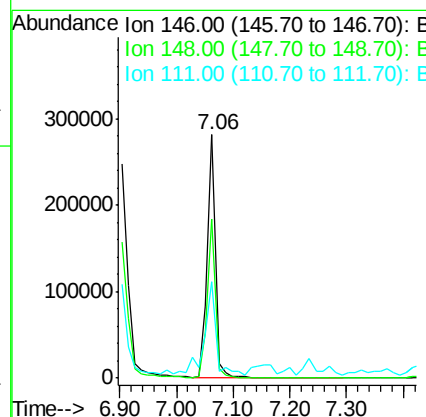
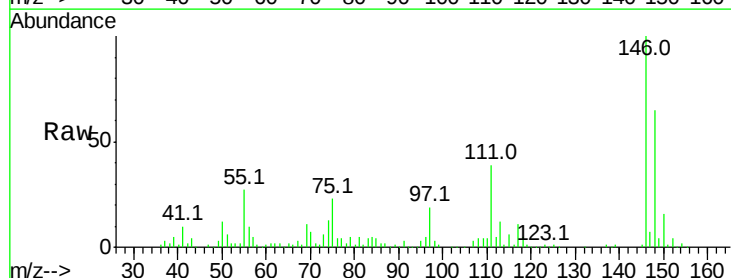
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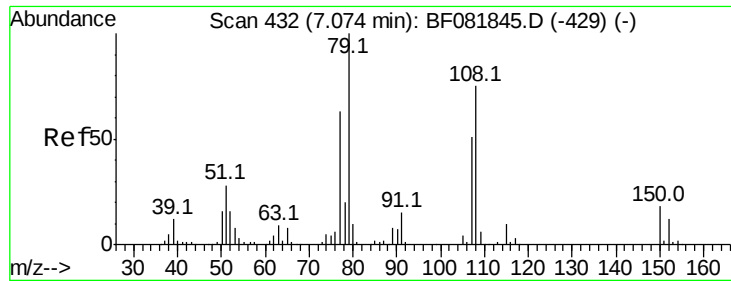
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#14
 1,2-Dichlorobenzene
 Concen: 43.40 ng
 RT: 7.06 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.7	79.1
111	39.5	28.8	43.2





#15

Benzyl Alcohol

Concen: 38.05 ng

RT: 7.03 min Scan# 428

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

ClientSampleId :

B-2D(3.5-4)MS

Tot Ion: 79 Resp: 181809

Ion Ratio Lower Upper

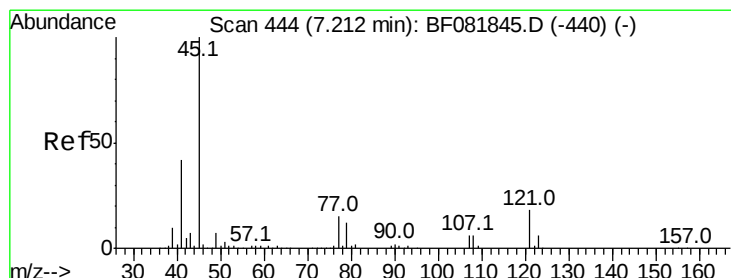
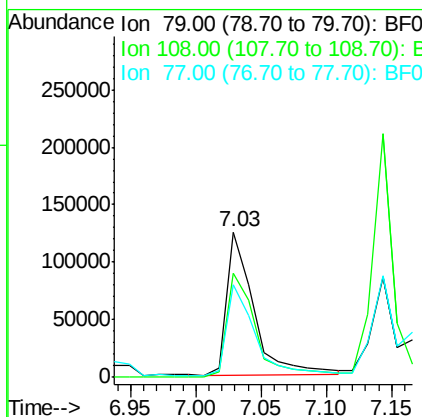
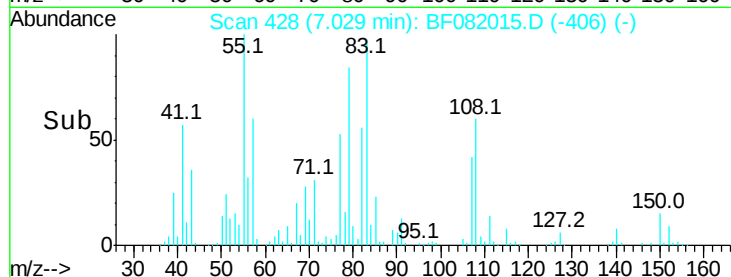
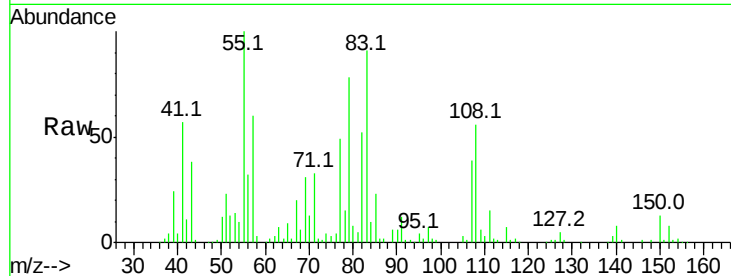
79 100

108 71.7 88.6 132.8#

77 63.7 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.29 ng

RT: 7.17 min Scan# 440

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

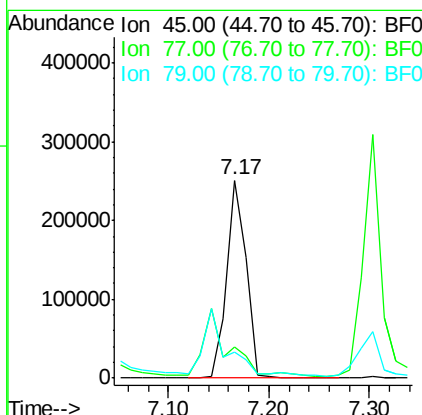
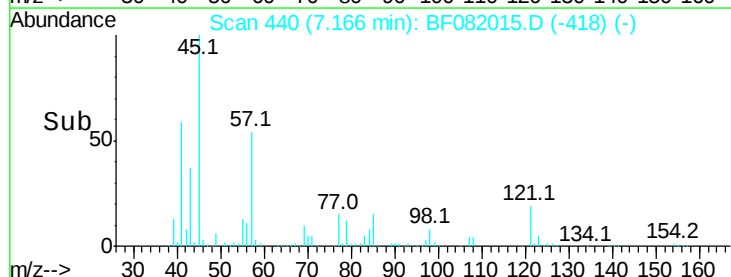
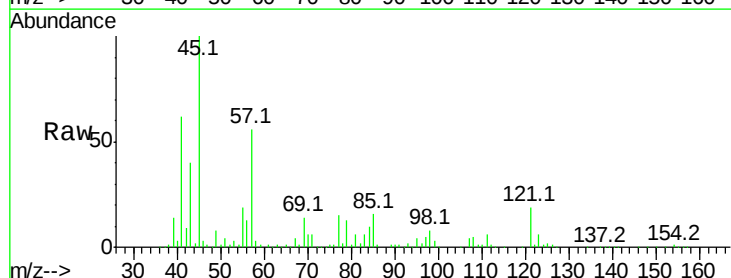
Tgt Ion: 45 Resp: 336061

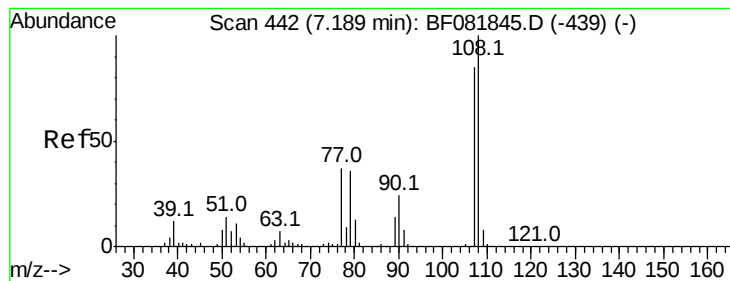
Ion Ratio Lower Upper

45 100

77 15.5 0.0 28.1

79 13.0 0.0 26.0





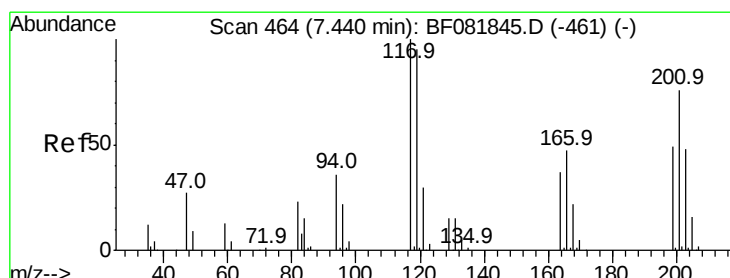
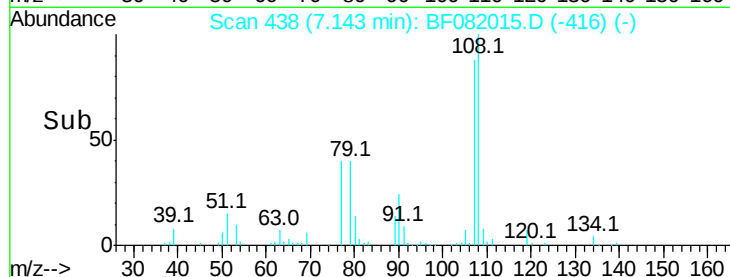
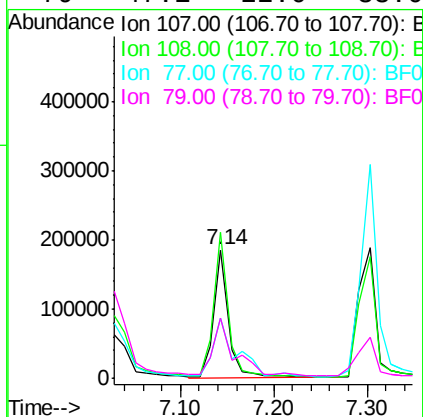
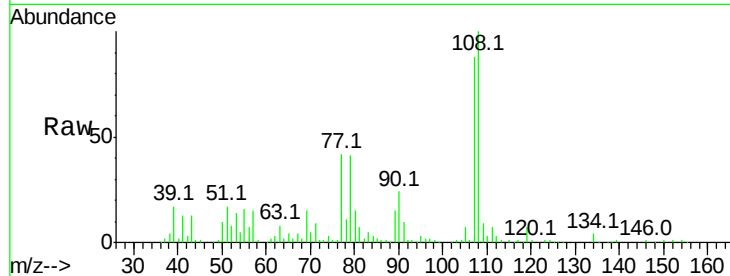
#17
2-Methylphenol
Concen: 43.45 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	113.8	96.6	145.0
77	47.3	23.3	34.9#
79	47.1	22.0	33.0#

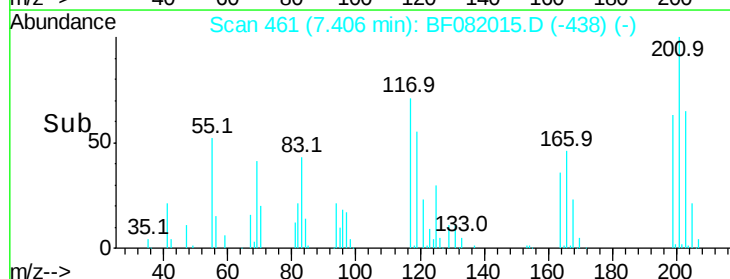
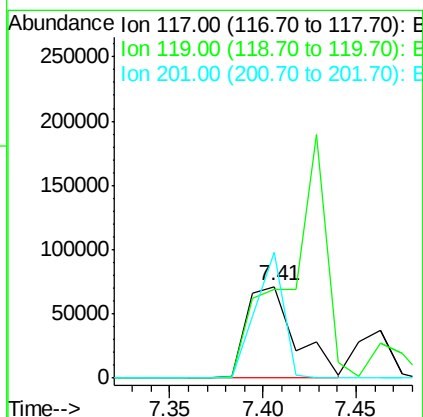
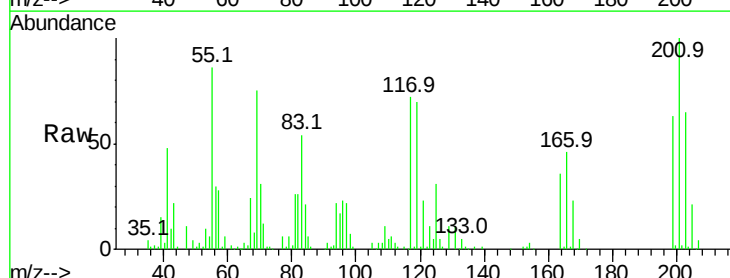
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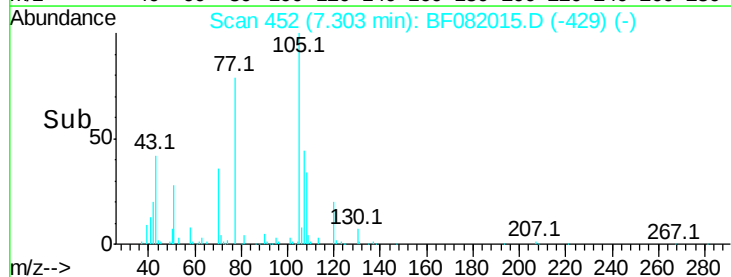
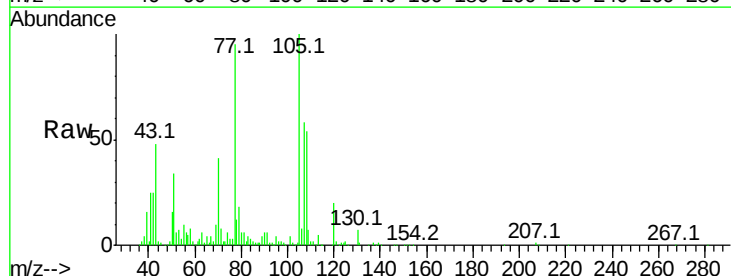
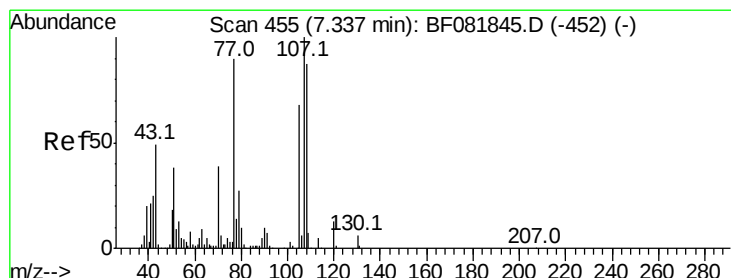
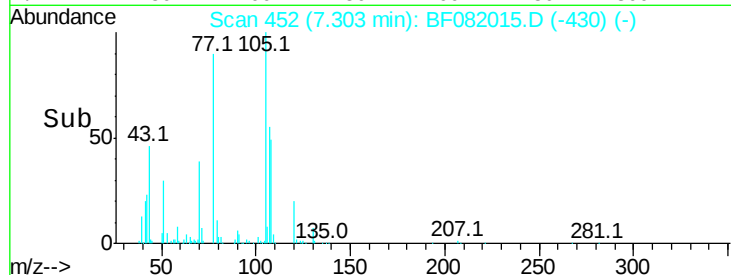
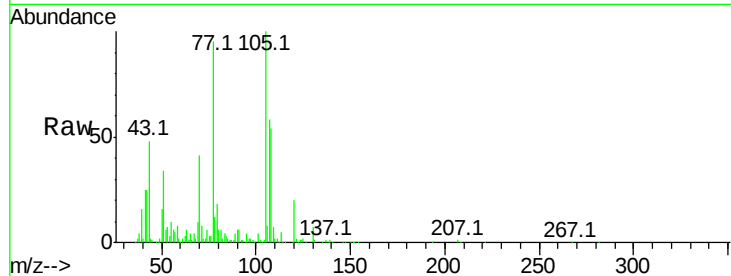
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#18
Hexachloroethane
Concen: 58.13 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	97.0	83.8	125.6
201	138.3	55.1	82.7#





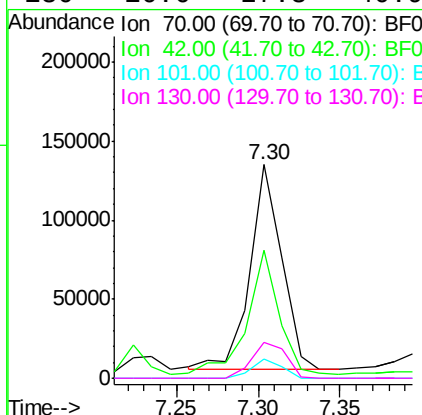
#19
n-Nitroso-di-n-propylamine
Concen: 43.71 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.8	63.8	95.6#
101	8.7	9.2	13.8#
130	16.6	27.3	40.9#

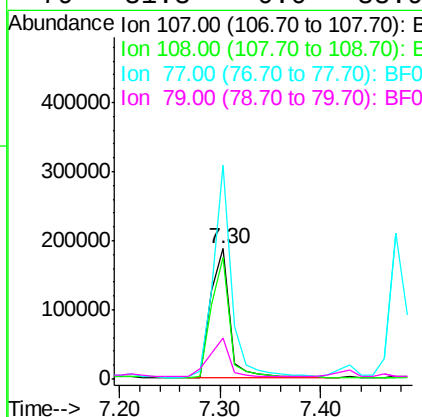
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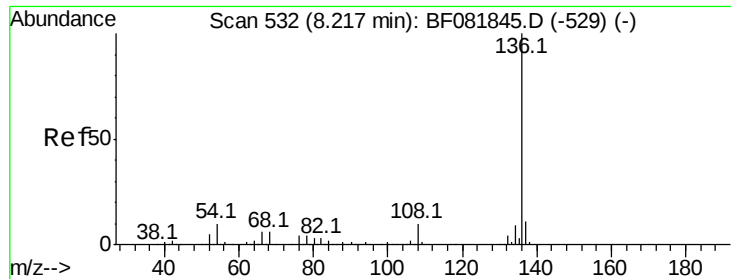
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#20
3+4-Methylphenols
Concen: 42.42 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	74.6	114.6
77	163.8	0.7	40.7#
79	31.3	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

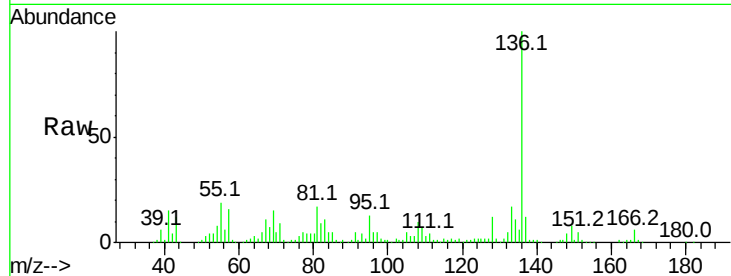
ClientSampleId :

B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	9.0	13.6	
54	7.9	8.2	12.2#	
68	7.4	5.8	8.6	

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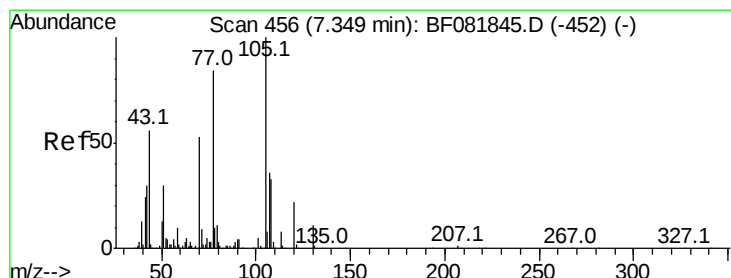
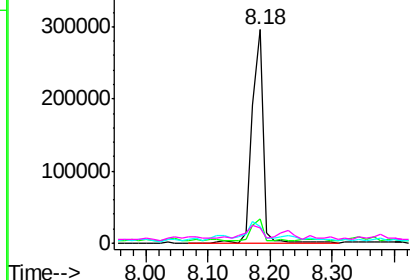
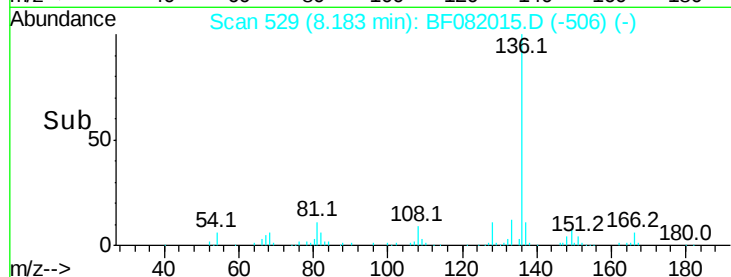


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 54.12 ng

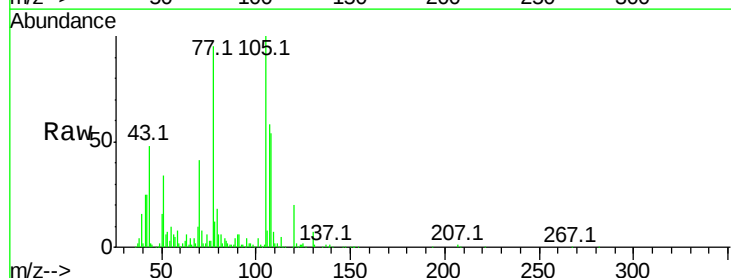
RT: 7.30 min Scan# 452

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	4.7	7.1#	
51	34.2	22.0	33.0#	
120	20.3	30.1	45.1#	

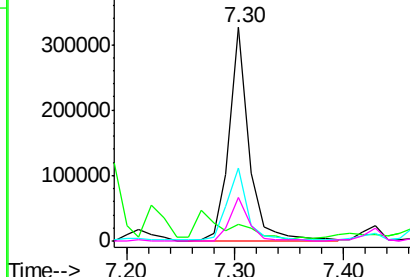
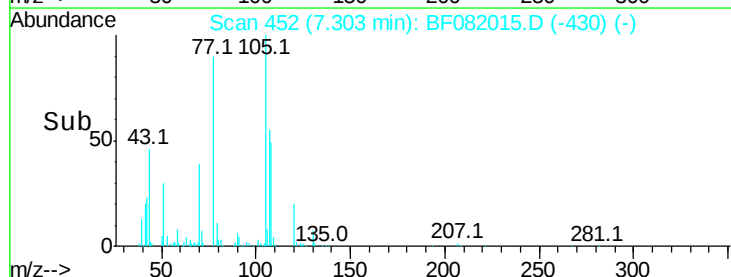


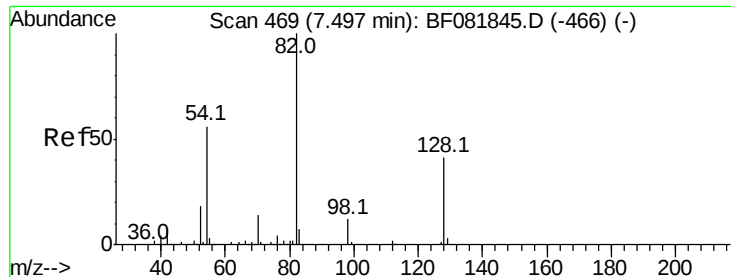
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 108.76 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

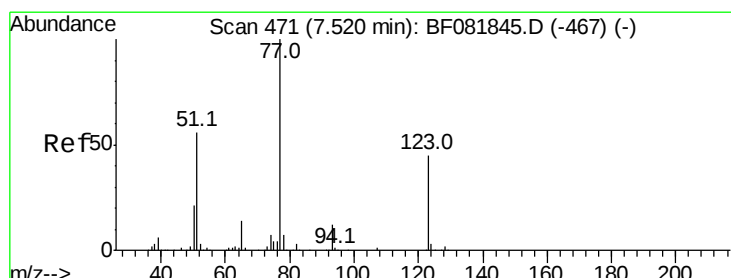
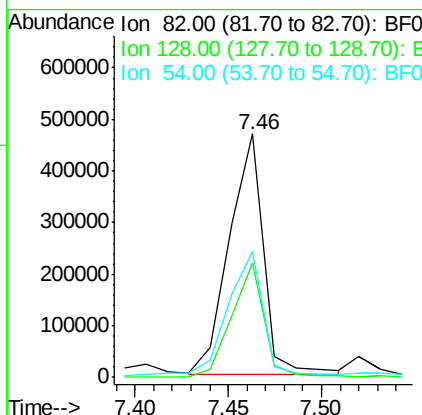
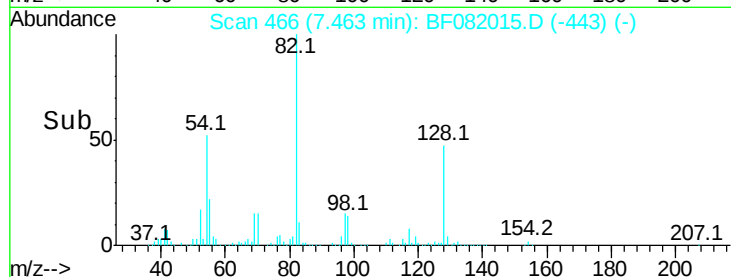
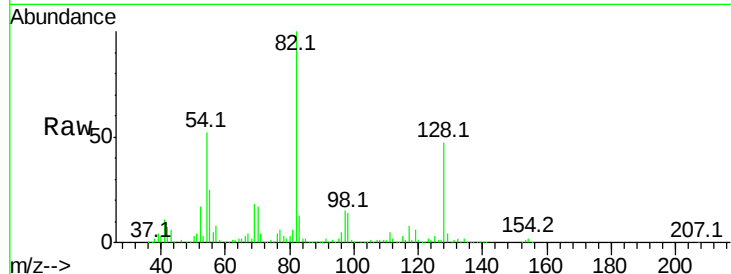
ClientSampleId :

B-2D(3.5-4)MS

Tot Ion:	82	Resp:	603732
Ion Ratio	Lower	Upper	
82	100		
128	47.0	51.0	76.6#
54	51.8	47.5	71.3

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#24

Nitrobenzene

Concen: 39.79 ng

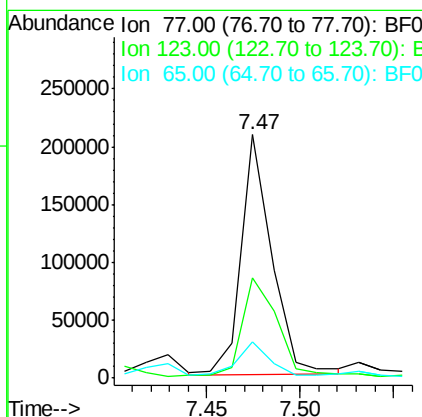
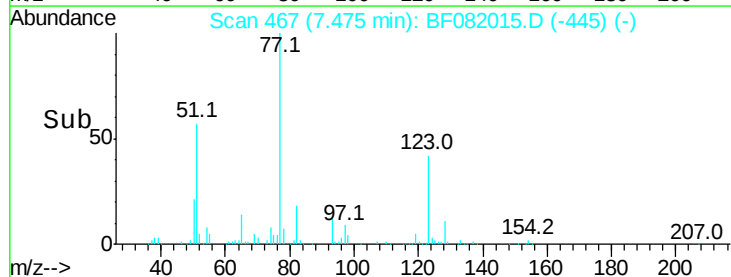
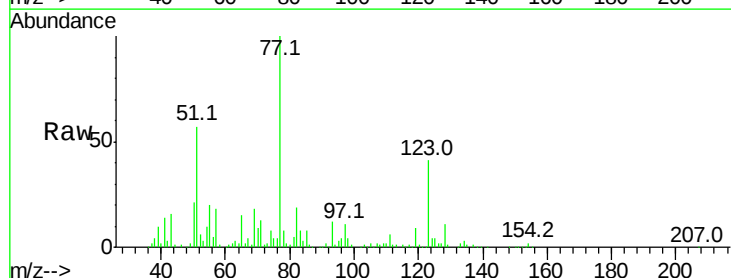
RT: 7.47 min Scan# 467

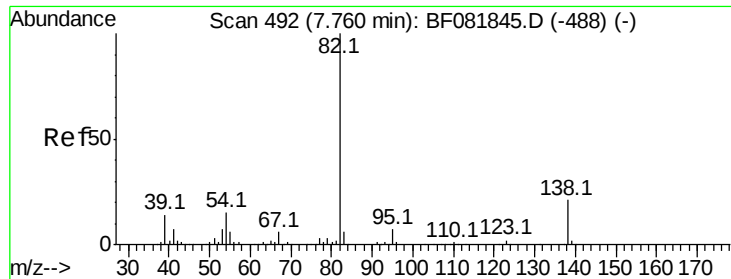
Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Tgt Ion:	77	Resp:	239798
Ion Ratio	Lower	Upper	
77	100		
123	41.3	59.8	89.8#
65	14.7	10.2	15.4





#25

Isophorone

Concen: 47.63 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

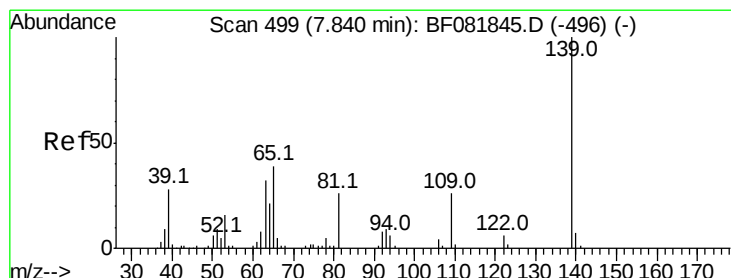
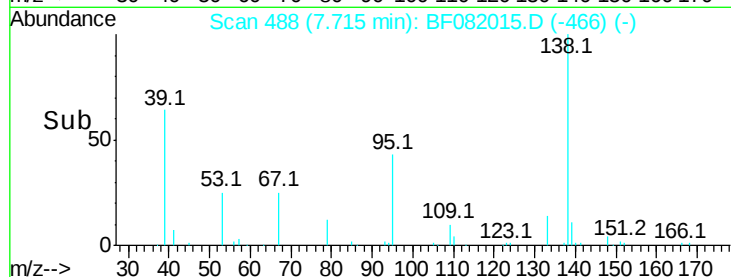
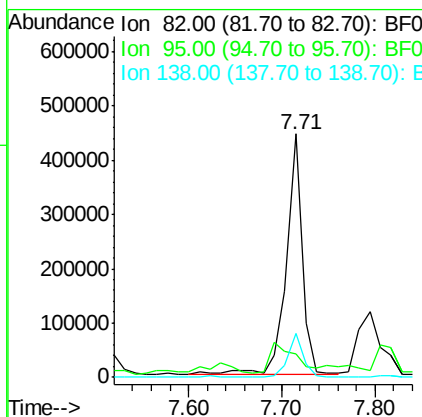
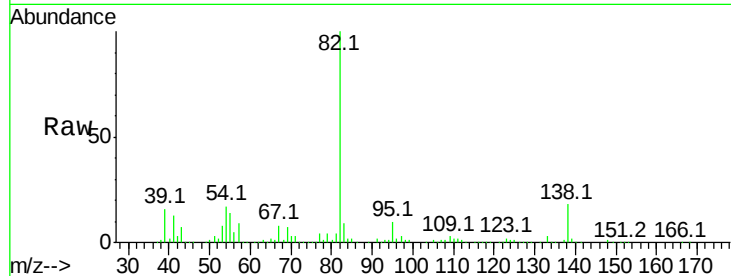
ClientSampleId :

B-2D(3.5-4)MS

Tot Ion:	82	Resp:	523969
Ion Ratio	Lower	Upper	
82	100		
95	9.9	4.0	6.0#
138	18.1	18.3	27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.66 ng

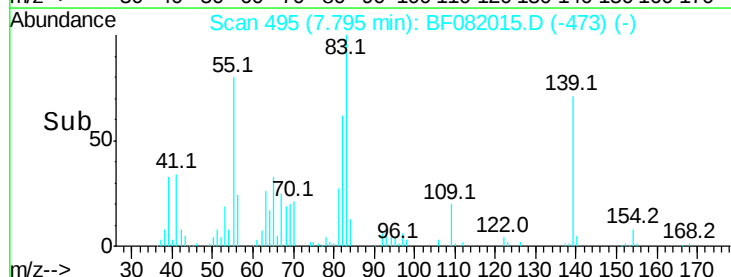
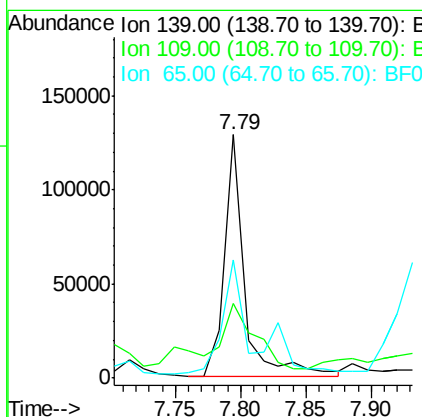
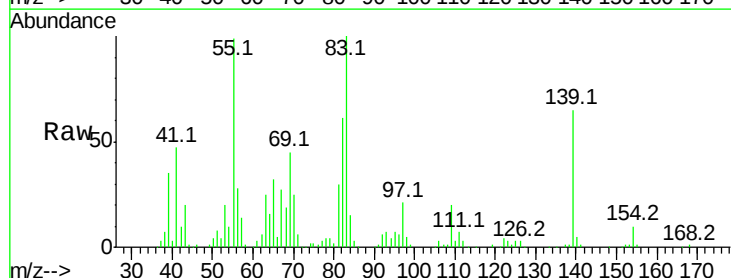
RT: 7.79 min Scan# 495

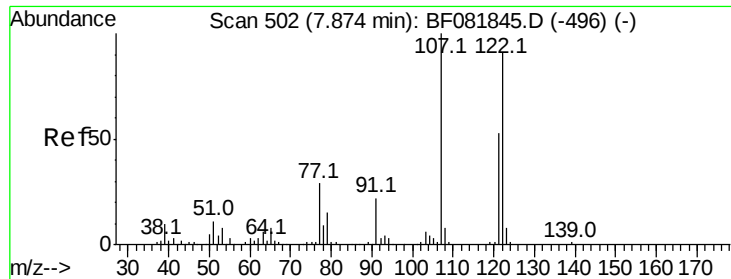
Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Tgt Ion:	139	Resp:	137886
Ion Ratio	Lower	Upper	
139	100		
109	30.7	11.0	16.4#
65	48.5	24.7	37.1#





#27

2,4-Dimethylphenol

Concen: 44.05 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

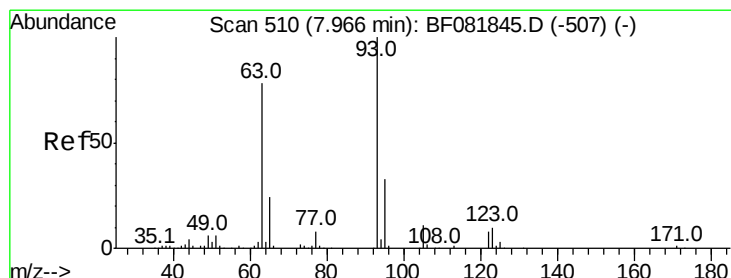
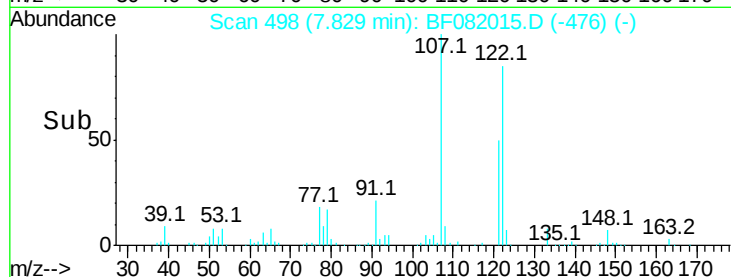
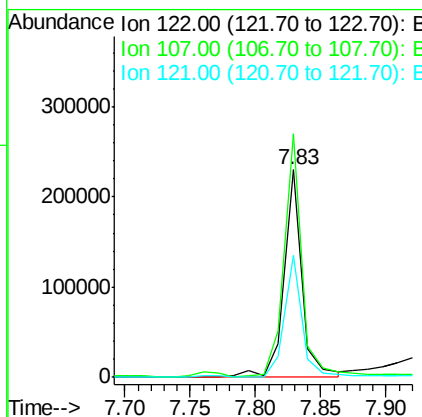
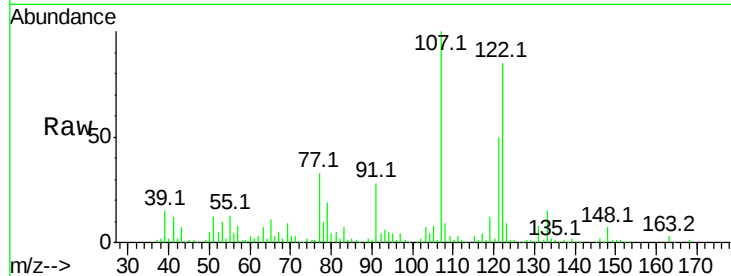
ClientSampleId :

B-2D(3.5-4)MS

Tot Ion:	122	Resp:	224215
Ion Ratio	Lower	Upper	
122	100		
107	117.5	71.8	107.6#
121	59.1	42.3	63.5

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 45.78 ng

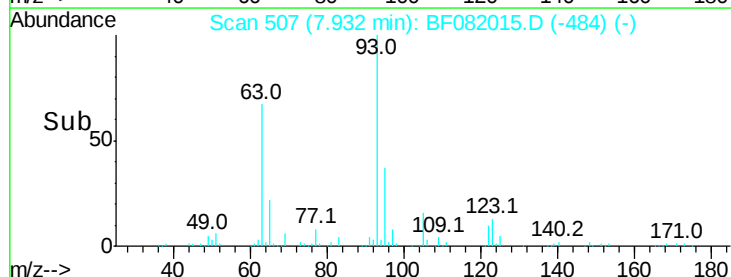
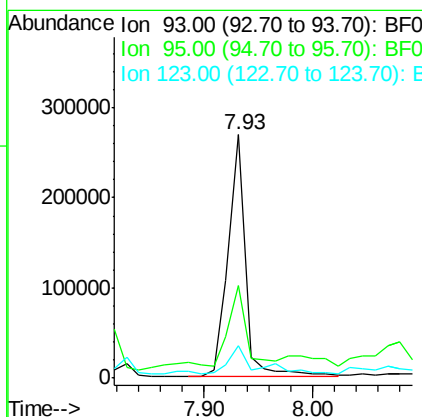
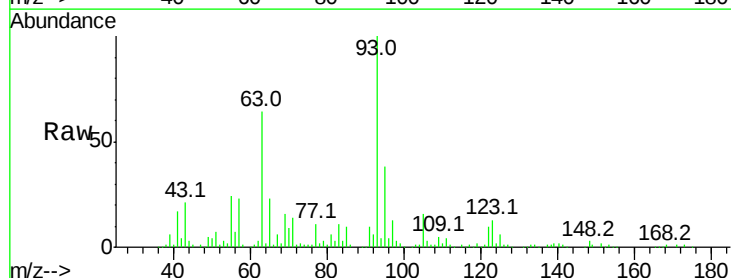
RT: 7.93 min Scan# 507

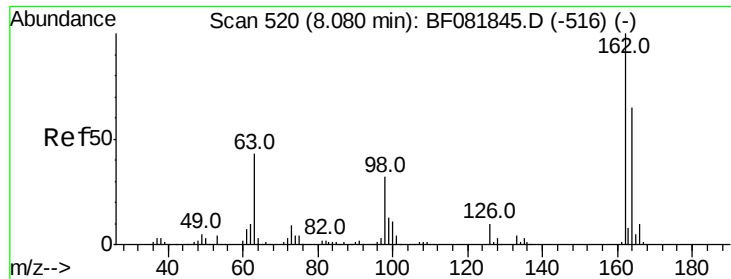
Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Tgt Ion:	93	Resp:	299097
Ion Ratio	Lower	Upper	
93	100		
95	38.1	27.5	41.3
123	13.3	13.7	20.5#





#29

2,4-Dichlorophenol

Concen: 48.87 ng

RT: 8.03 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

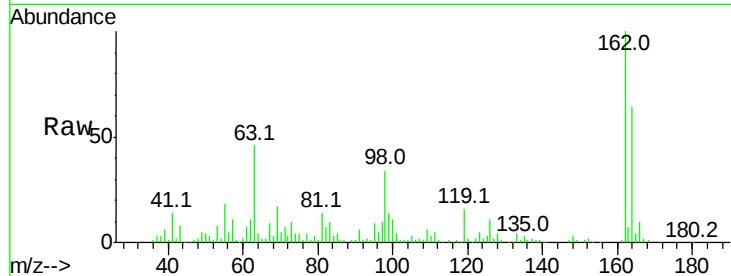
ClientSampleId :

B-2D(3.5-4)MS

Tot Ion:	162	Resp:	241174
Ion Ratio	Lower	Upper	
162	100		
164	63.7	44.9	84.9
98	33.9	13.0	53.0

Manual Integrations
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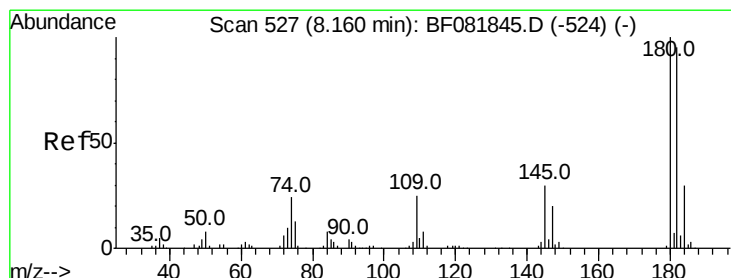
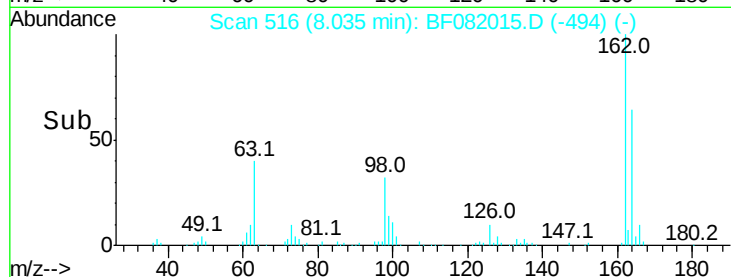
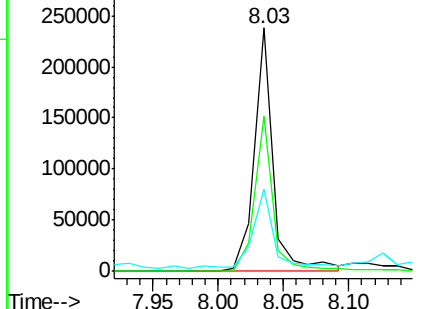
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BFO



#30

1,2,4-Trichlorobenzene

Concen: 41.41 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF082015.D

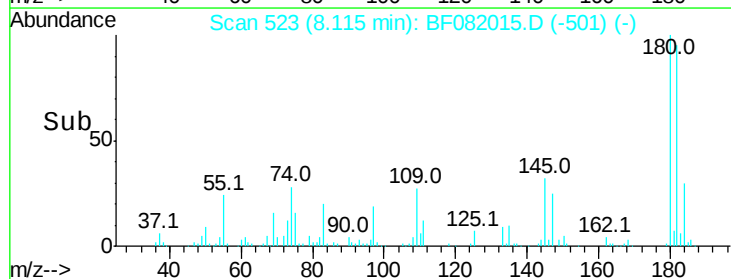
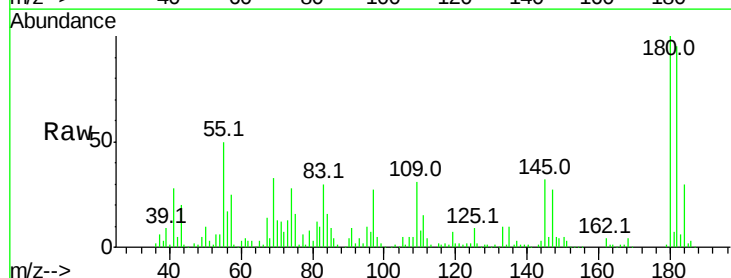
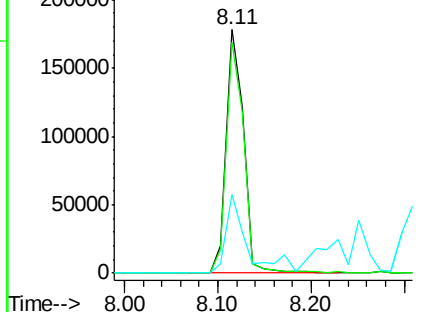
Acq: 3 Oct 2015 10:30

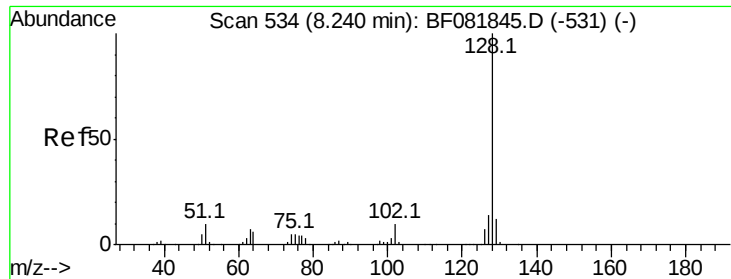
Tgt Ion:	180	Resp:	228156
Ion Ratio	Lower	Upper	
180	100		
182	94.6	77.1	115.7
145	32.5	23.3	34.9

Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





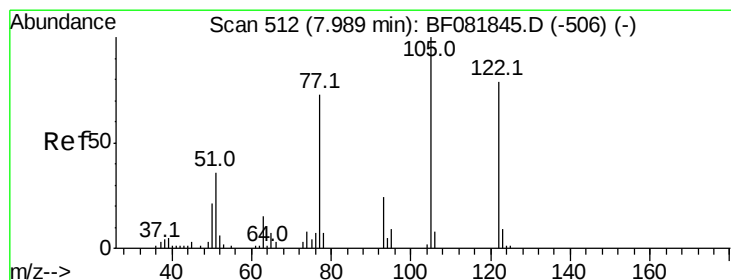
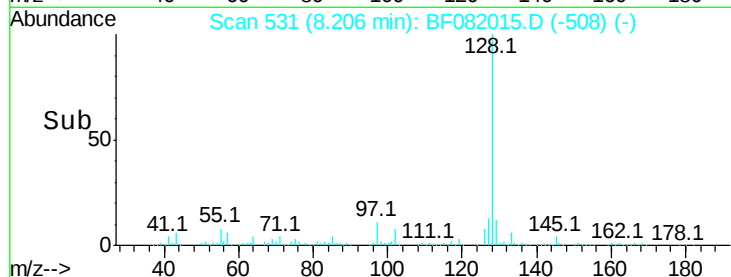
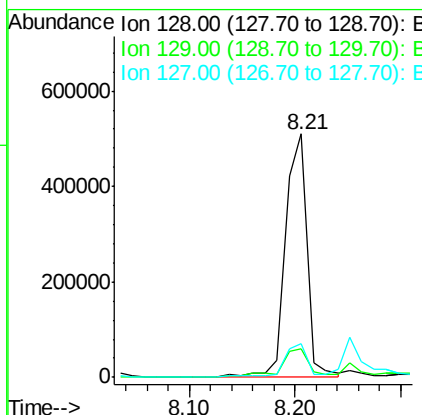
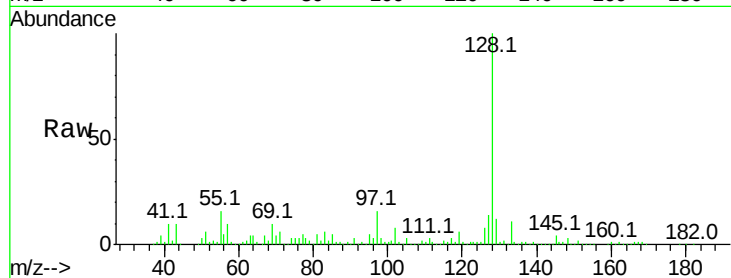
#31
Naphthalene
Concen: 43.92 ng/ml
RT: 8.21 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.9	8.4	12.6	
127	13.6	9.9	14.9	

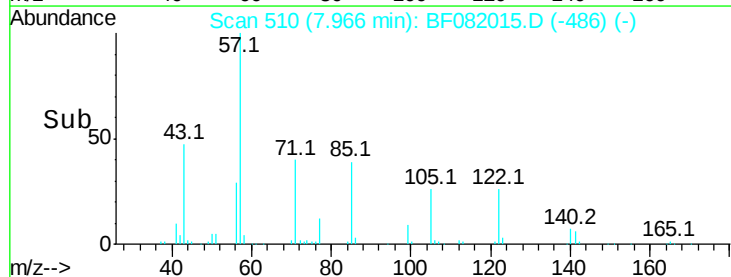
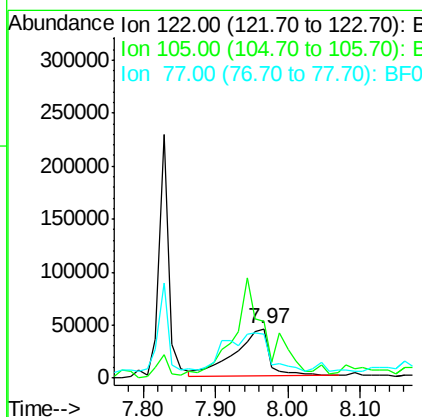
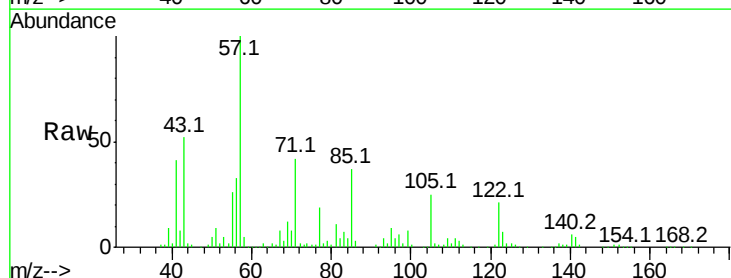
Manual Integrations
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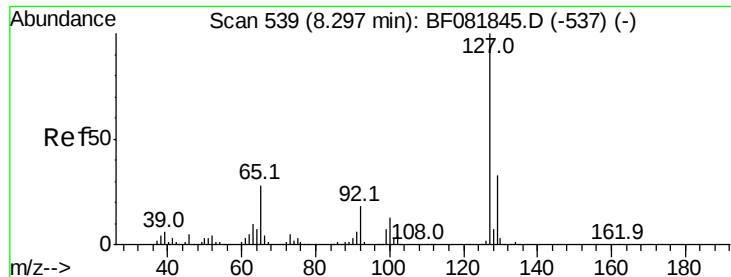
MMDADODA
10/5/2015 6:29:06 PM



#32
Benzoic acid
Concen: 50.35 ng
RT: 7.97 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	116.0	76.1	116.1	
77	90.1	40.5	80.5#	





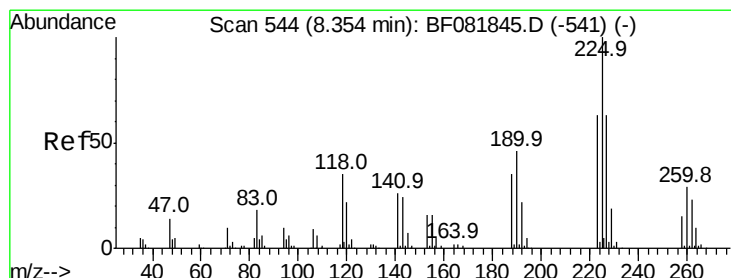
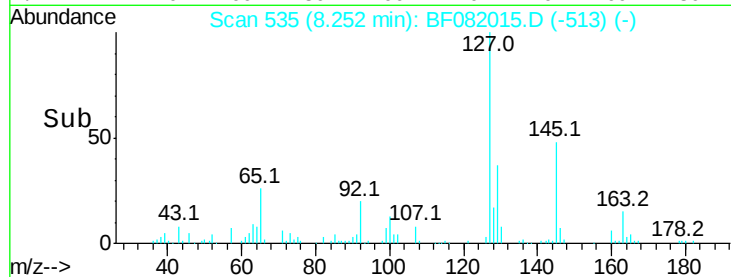
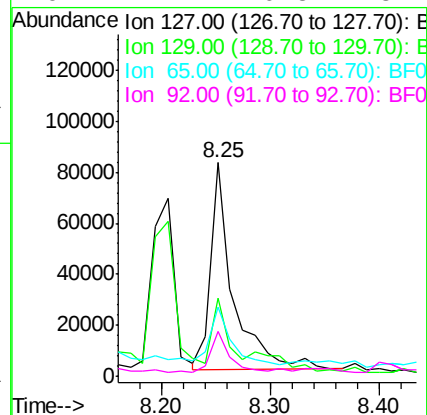
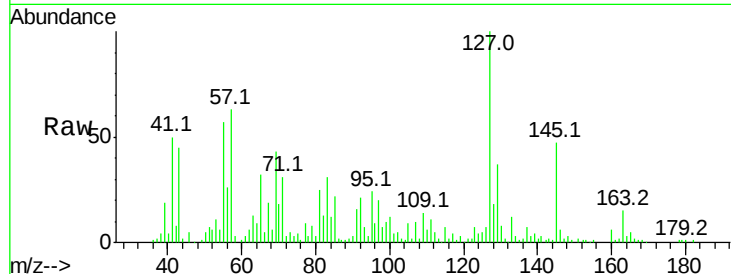
#33
4-Chloroaniline
Concen: 16.64 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	36.6	25.8	38.6		
65	32.1	17.9	26.9		
92	21.1	10.5	15.7		

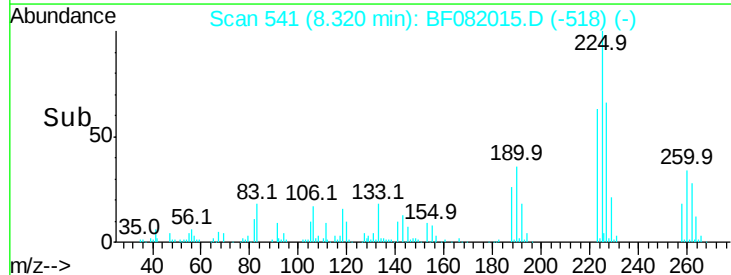
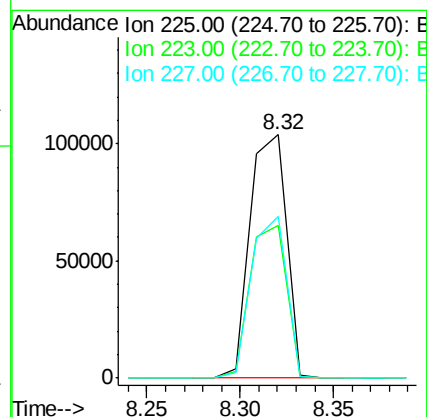
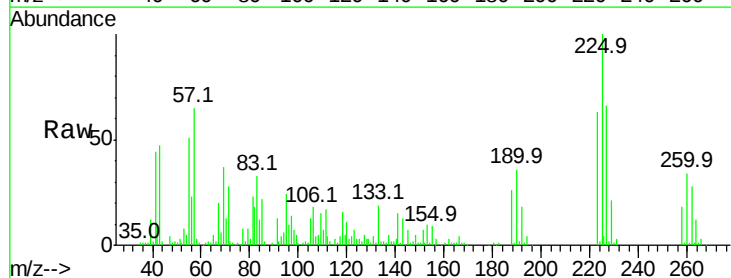
Manual Integrations
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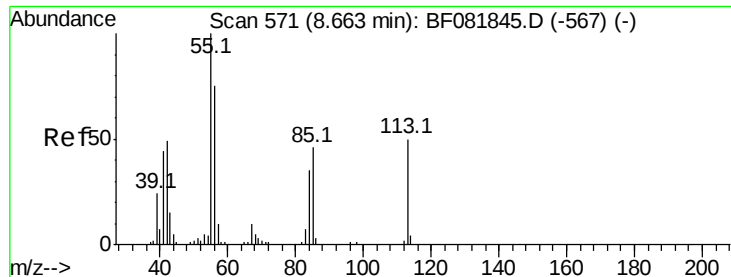
MMDADODA
10/5/2015 6:29:06 PM



#34
Hexachlorobutadiene
Concen: 43.08 ng
RT: 8.32 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.2	75.2		
227	66.3	52.2	78.2		





#35

Caprolactam

Concen: 92.97 ng/ml

RT: 8.61 min Scan# 566

Delta R.T. -0.06 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

ClientSampleId :

B-2D(3.5-4)MS

Tot Ion:113 Resp: 127028

Ion Ratio Lower Upper

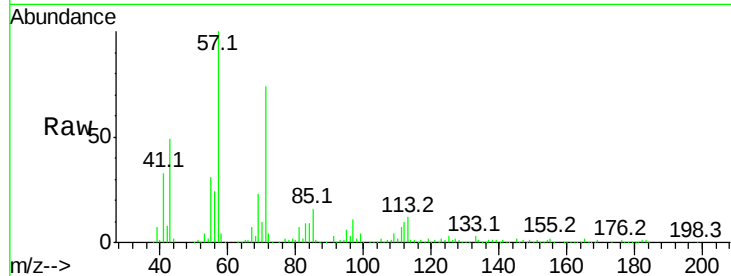
113 100

55 254.2 152.4 192.4#

56 200.2 104.6 144.6#

Manual Integrations
APPROVED

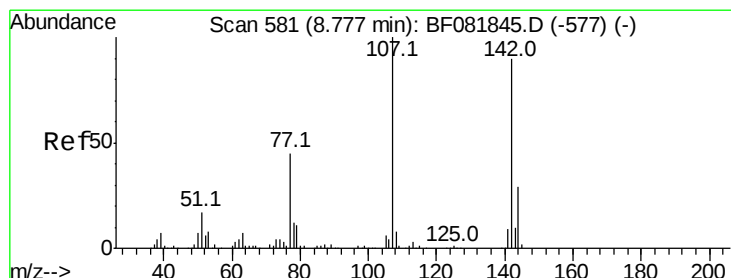
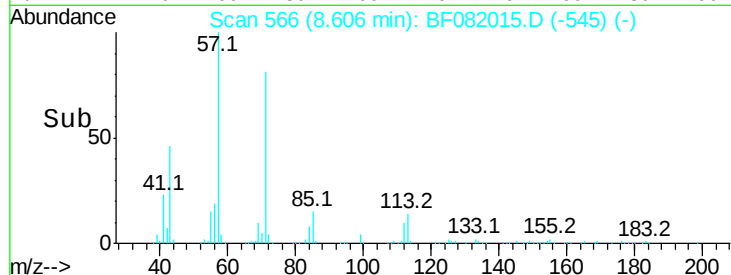
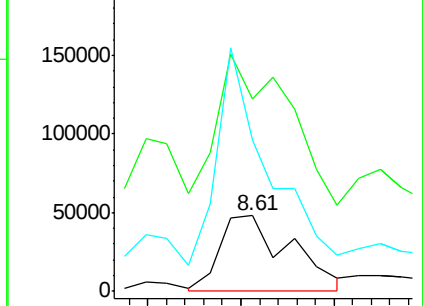
MMDADODA
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.05 ng/ml

RT: 8.73 min Scan# 577

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

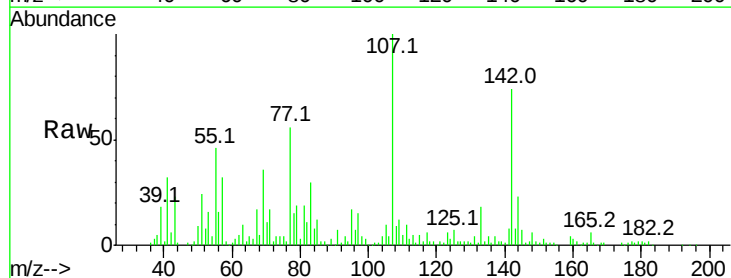
Tgt Ion:107 Resp: 212592

Ion Ratio Lower Upper

107 100

144 23.4 25.4 38.0#

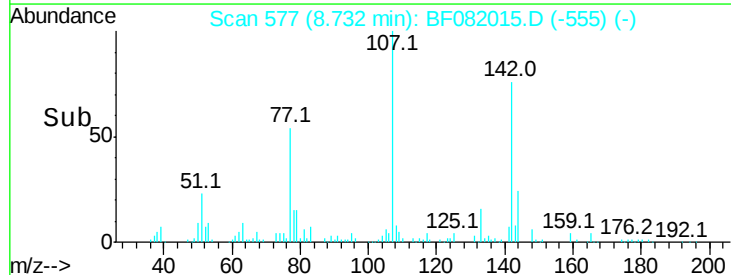
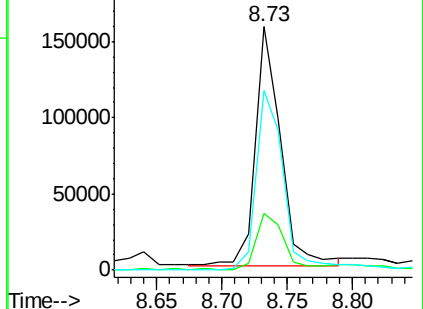
142 73.6 77.3 115.9#

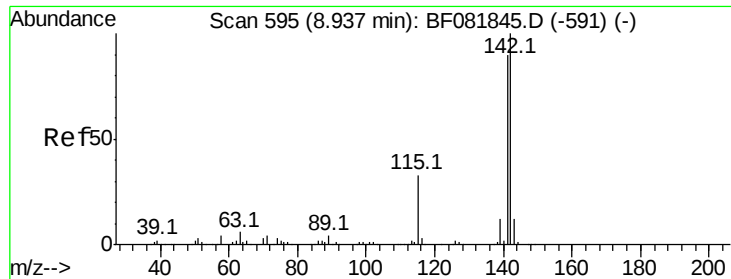


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





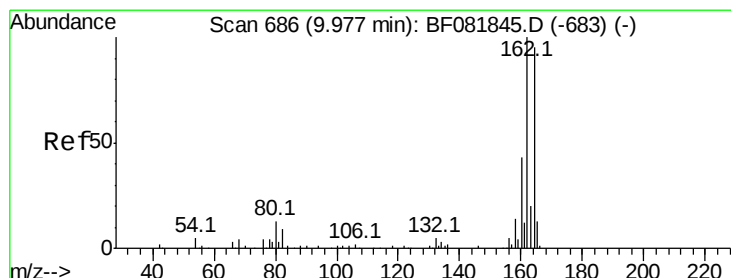
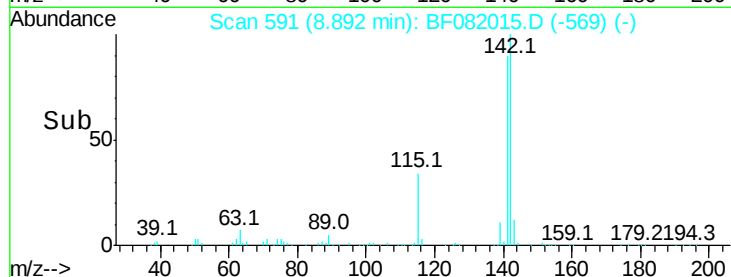
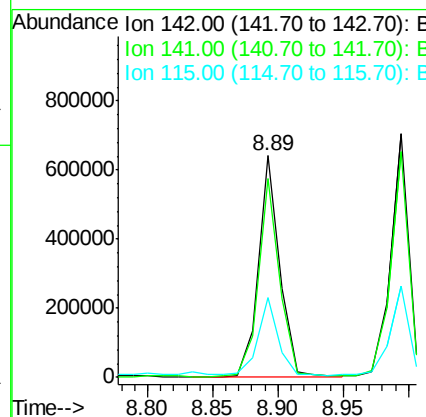
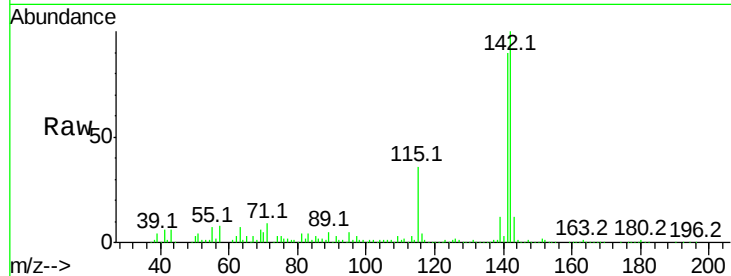
#37
2-Methylnaphthalene
Concen: 65.41 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	732045		
141	89.8	67.5	101.3	
115	35.8	18.2	27.2	

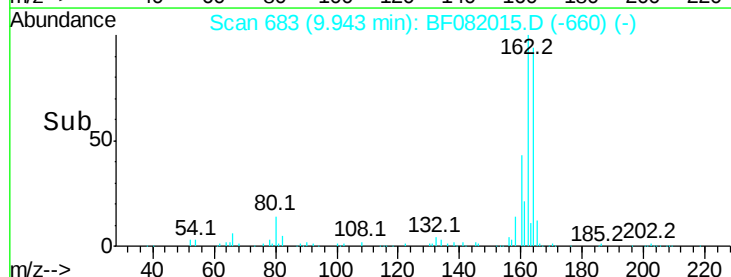
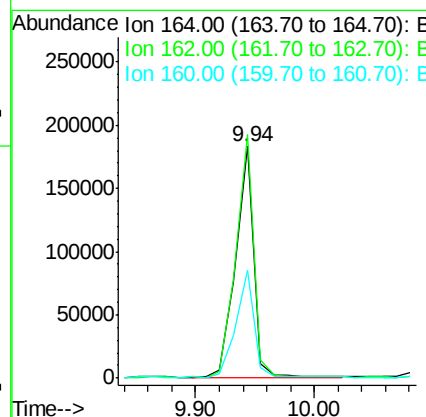
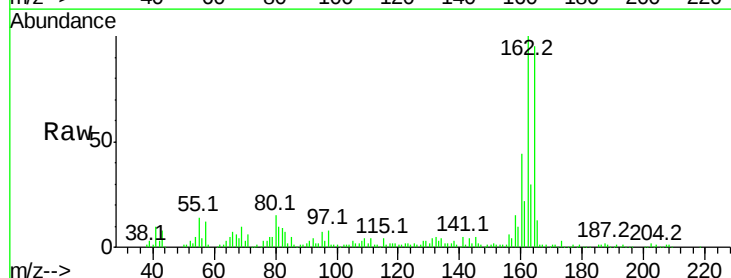
Manual Integrations
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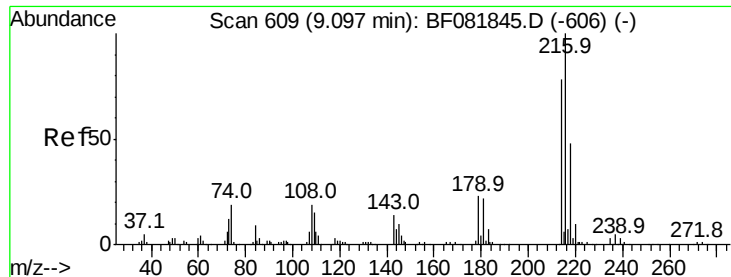
MMDADODA
10/5/2015 6:29:06 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	192387		
162	105.0	75.2	112.8	
160	46.3	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.97 ng

RT: 9.06 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

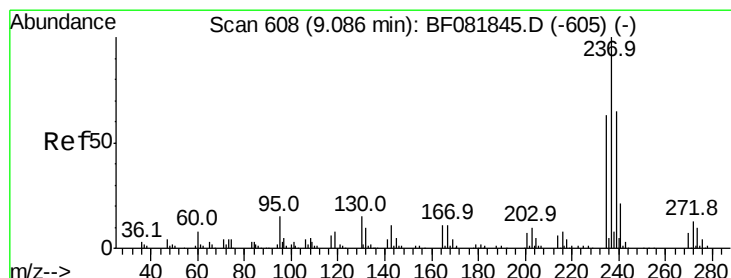
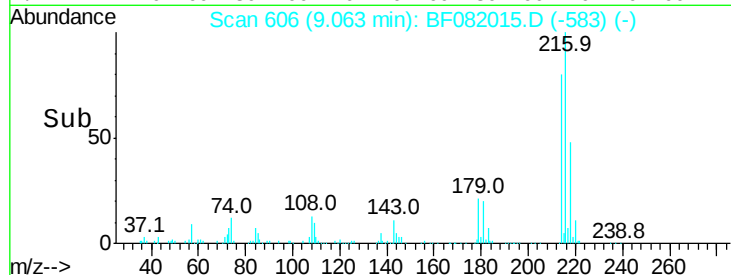
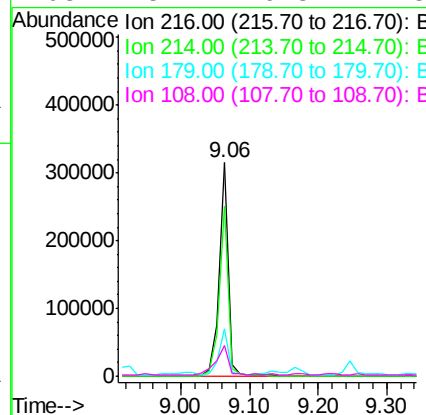
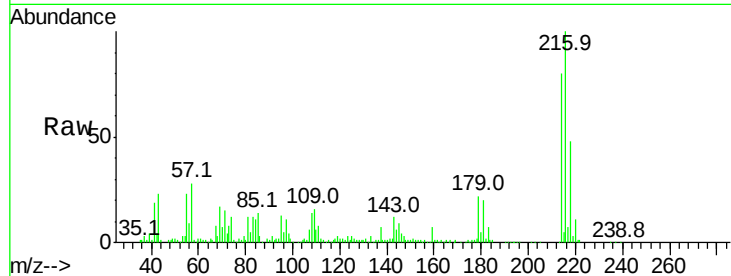
ClientSampleId :

B-2D(3.5-4)MS

Manual Integrations
APPROVED

MMDADODA
10/5/2015 6:29:06 PM

Tot Ion	Ratio	Resp	Lower	Upper
216	100	295142		
214	79.5	63.5	95.3	
179	21.7	16.6	24.8	
108	18.7	16.3	24.5	



#40

Hexachlorocyclopentadiene

Concen: 95.40 ng

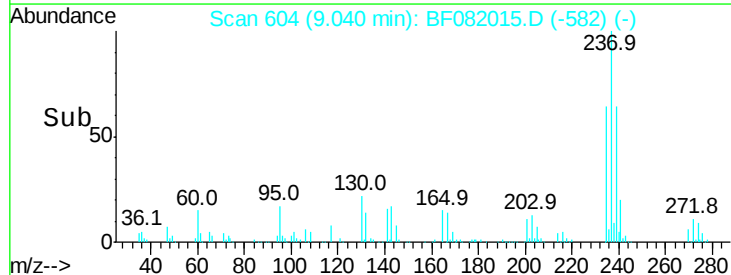
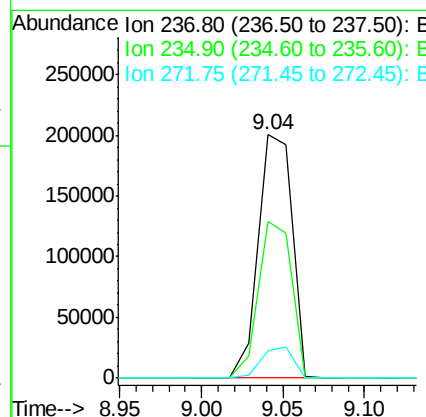
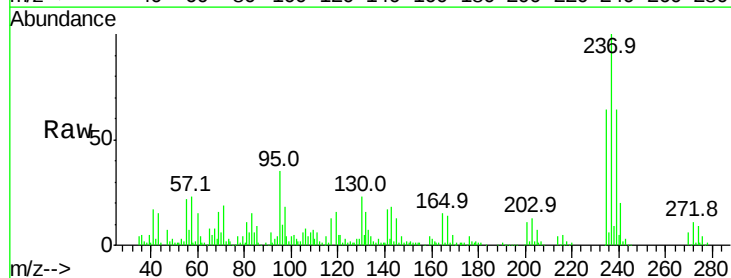
RT: 9.04 min Scan# 604

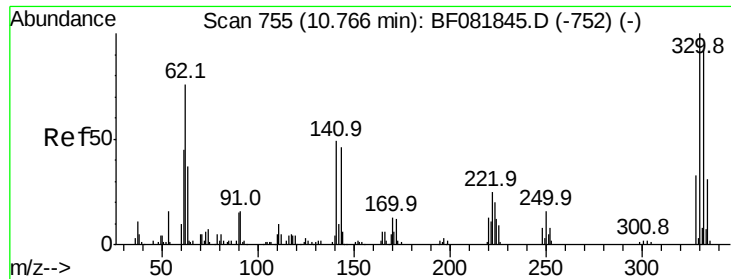
Delta R.T. -0.04 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	290152		
235	64.4	42.0	82.0	
272	11.3	0.0	36.1	





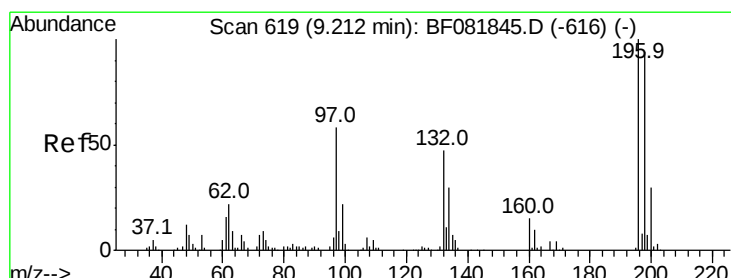
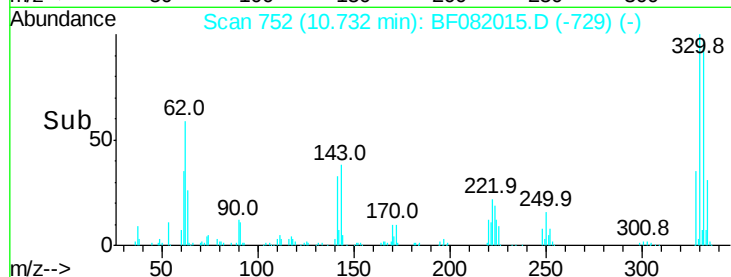
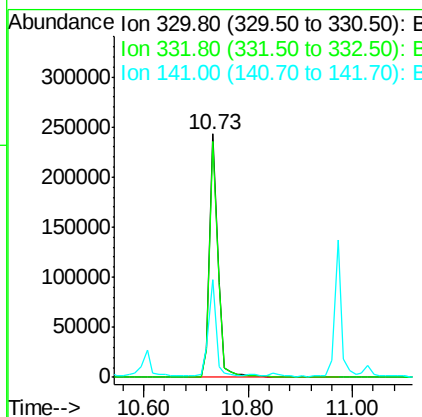
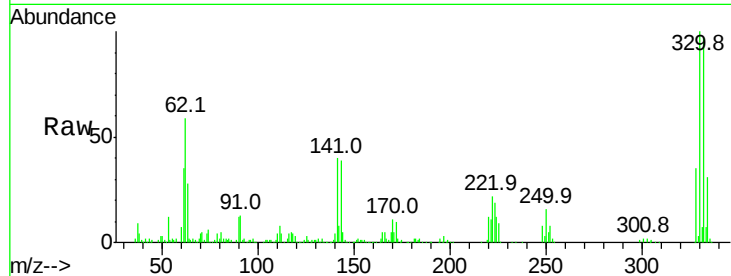
#41
 2,4,6-Tribromophenol
 Concen: 141.10 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Instrument :
 BNA_F
 ClientSampleId :
 B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	274919		
332	97.5	76.6	114.8	
141	34.7	29.7	44.5	

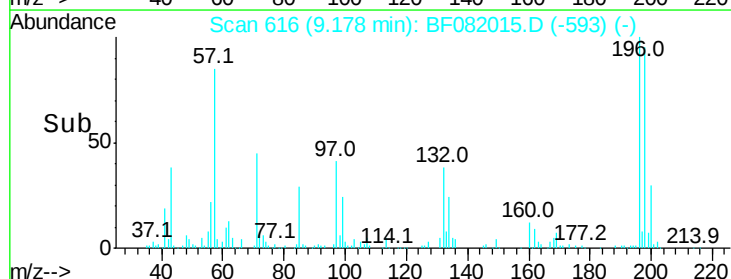
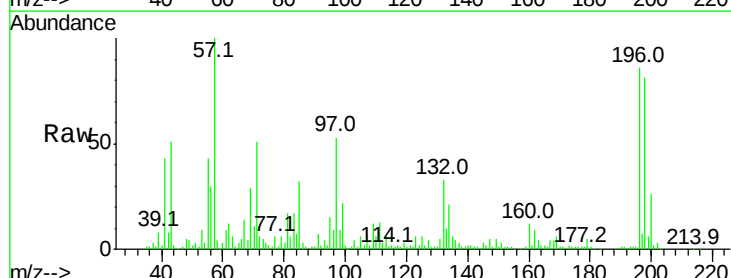
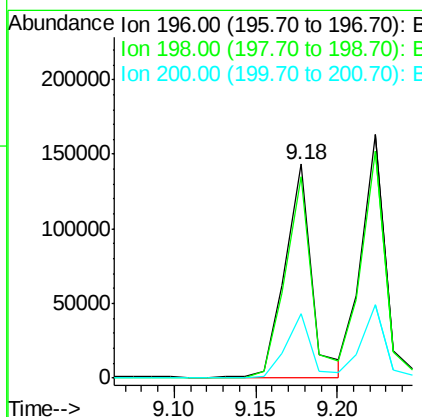
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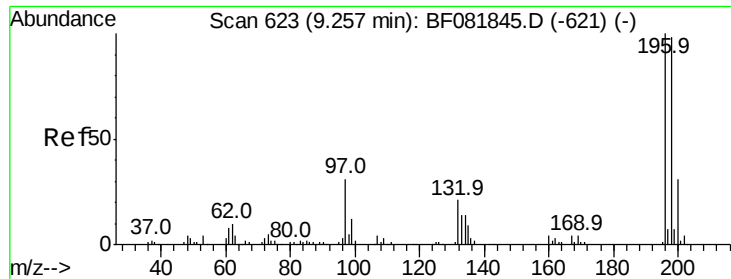
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#42
 2,4,6-Trichlorophenol
 Concen: 40.15 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162586		
198	94.1	75.7	113.5	
200	30.3	23.9	35.9	





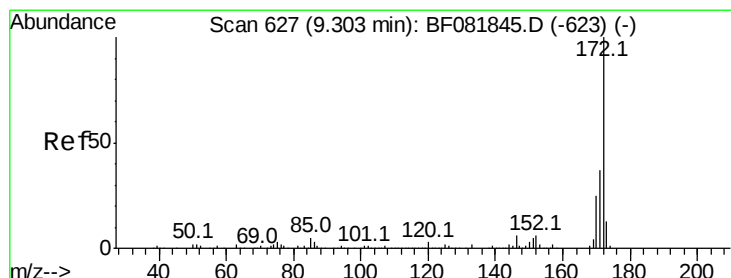
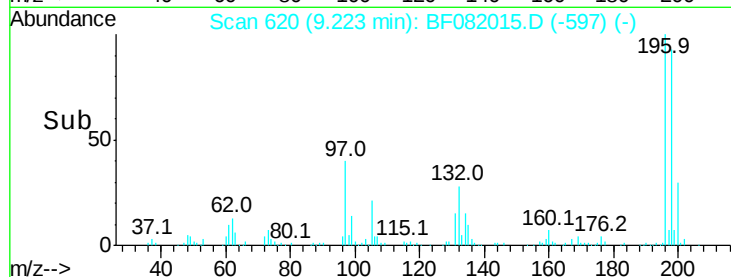
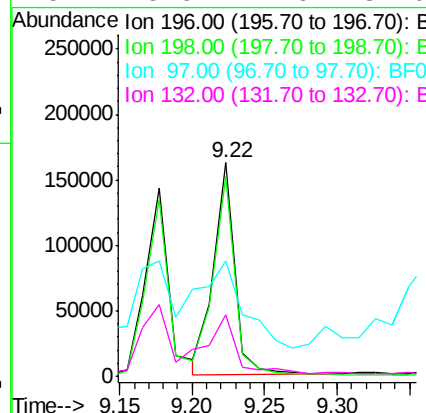
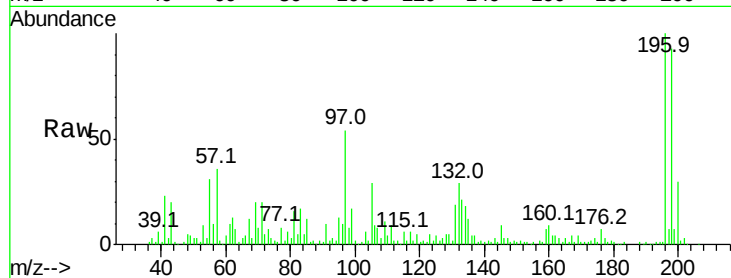
#43
 2,4,5-Trichlorophenol
 Concen: 39.54 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Instrument :
 BNA_F
 ClientSampleId :
 B-2D(3.5-4)MS

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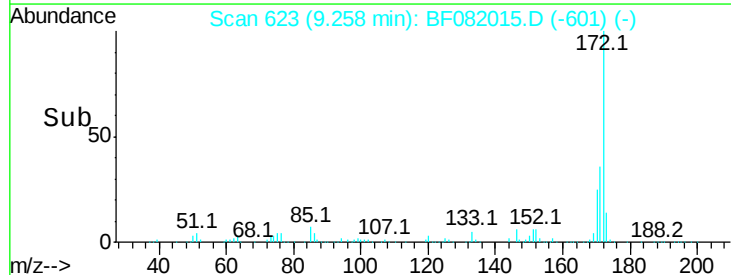
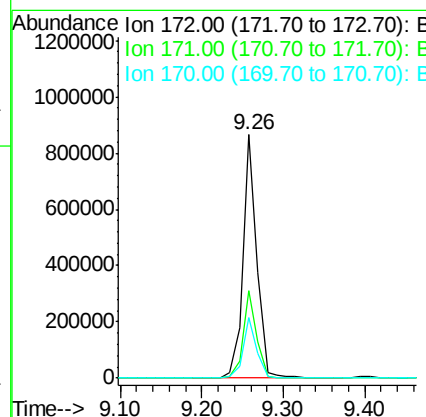
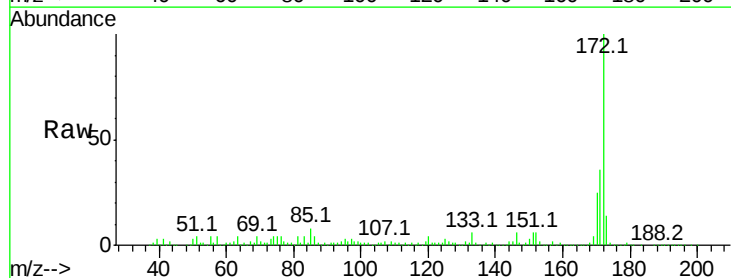
MMDADODA
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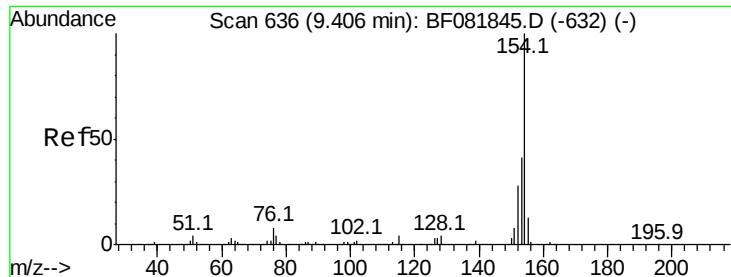
Tot Ion	196	Resp	164645
Ion Ratio	Lower	Upper	
196	100		
198	93.5	75.4	113.0
97	53.9	33.3	49.9#
132	28.6	24.6	37.0



#44
 2-Fluorobiphenyl
 Concen: 89.62 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Tgt Ion	172	Resp	1019556
Ion Ratio	Lower	Upper	
172	100		
171	36.1	26.1	39.1
170	24.7	17.4	26.2





#45

1,1'-Biphenyl

Concen: 46.24 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

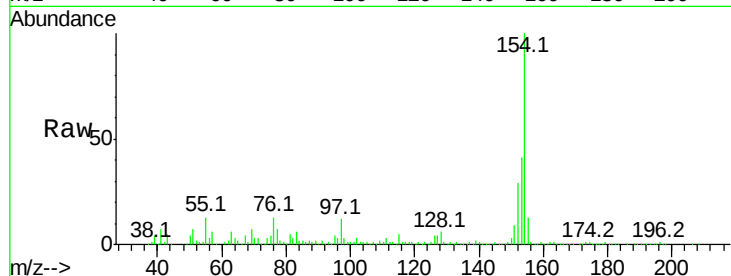
ClientSampleId :

B-2D(3.5-4)MS

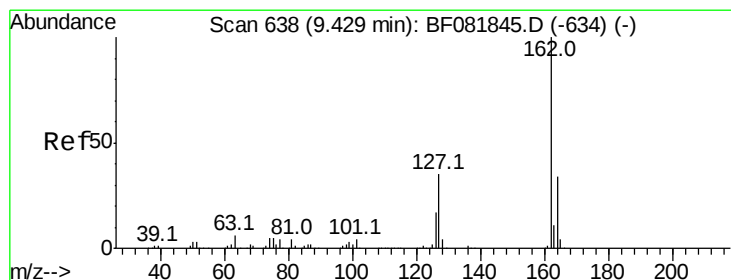
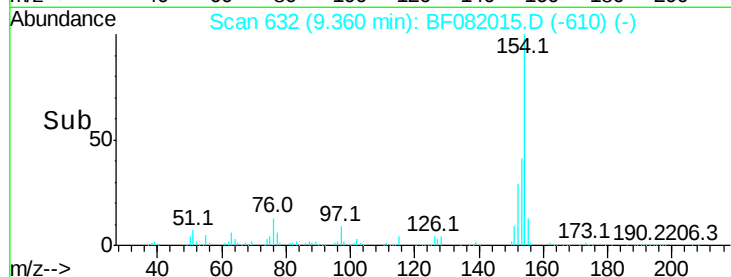
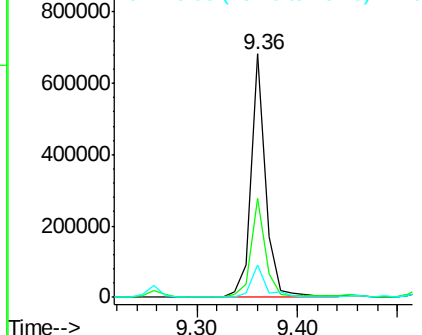
Tot Ion:	154	Resp:	686360
Ion Ratio	Lower	Upper	
154	100		
153	40.8	17.1	57.1
76	13.3	0.0	31.6

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



#46

2-Chloronaphthalene

Concen: 38.86 ng

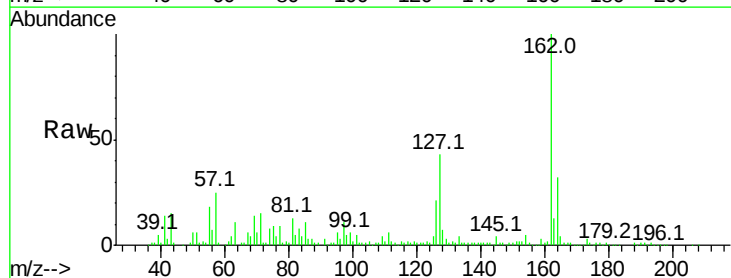
RT: 9.38 min Scan# 634

Delta R.T. -0.05 min

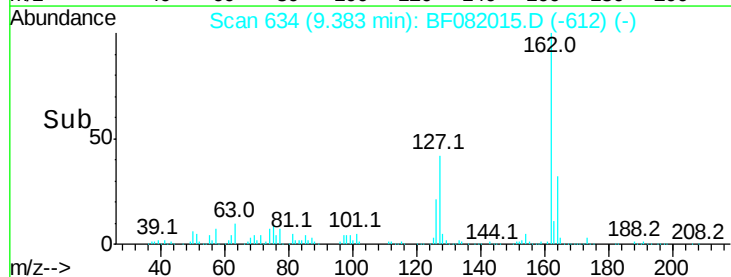
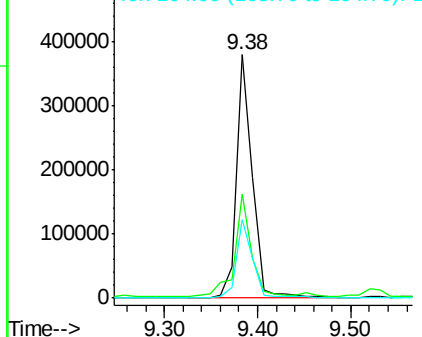
Lab File: BF082015.D

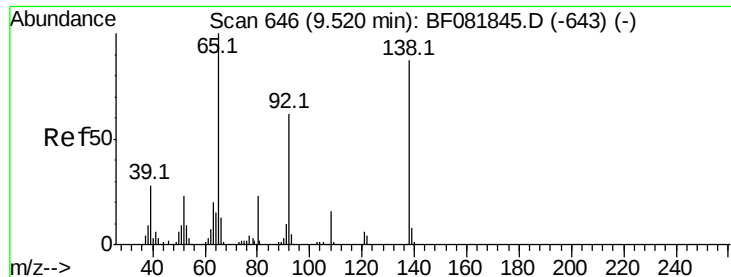
Acq: 3 Oct 2015 10:30

Tgt Ion:	162	Resp:	452870
Ion Ratio	Lower	Upper	
162	100		
127	42.8	27.6	41.4#
164	32.5	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: 41.50 ng

RT: 9.49 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

ClientSampleId :

B-2D(3.5-4)MS

Tot Ion: 65 Resp: 141985

Ion Ratio Lower Upper

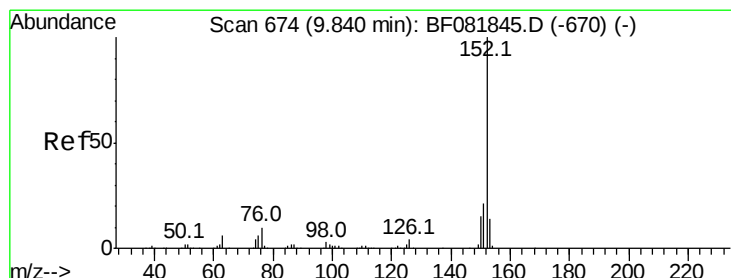
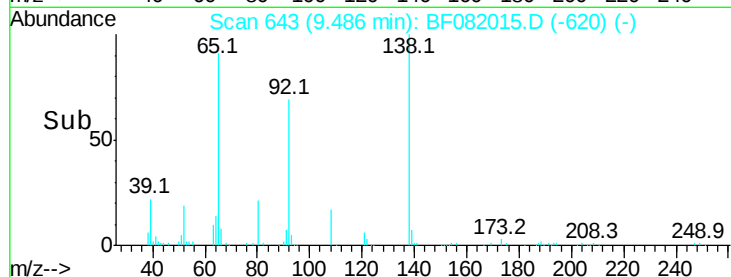
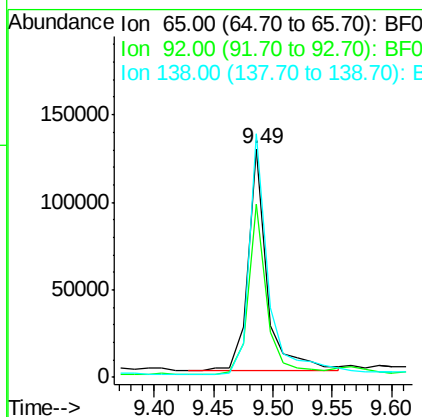
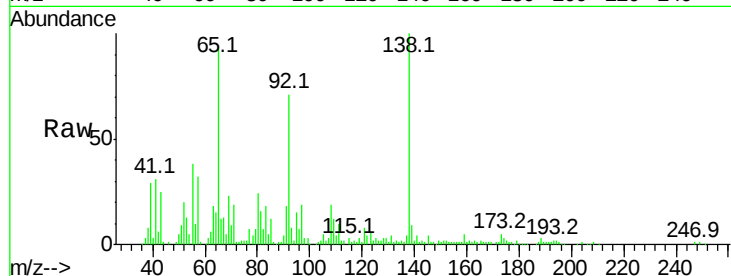
65 100

92 75.8 55.4 83.0

138 106.4 115.5 173.3#

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#48

Acenaphthylene

Concen: 41.85 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

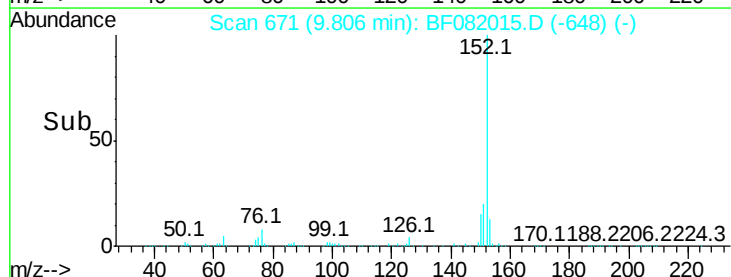
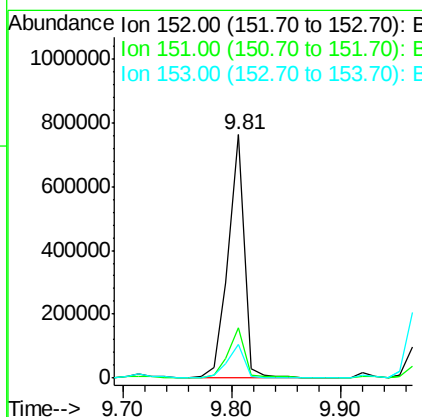
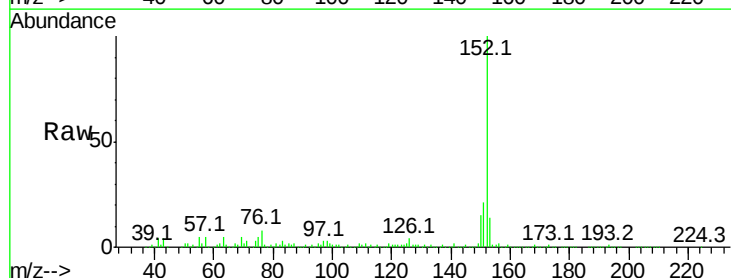
Tgt Ion: 152 Resp: 780670

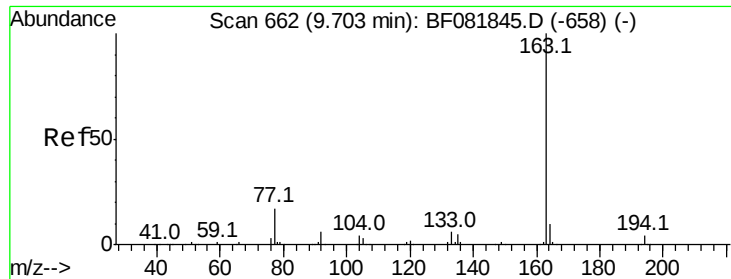
Ion Ratio Lower Upper

152 100

151 20.6 14.6 22.0

153 13.7 10.3 15.5





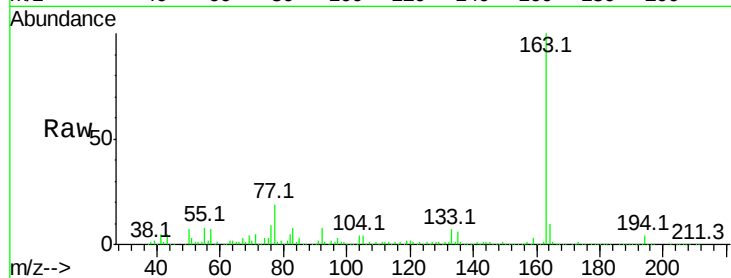
#49
Dimethylphthalate
Concen: 55.69 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

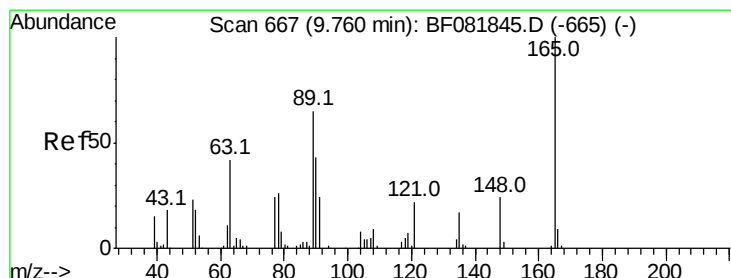
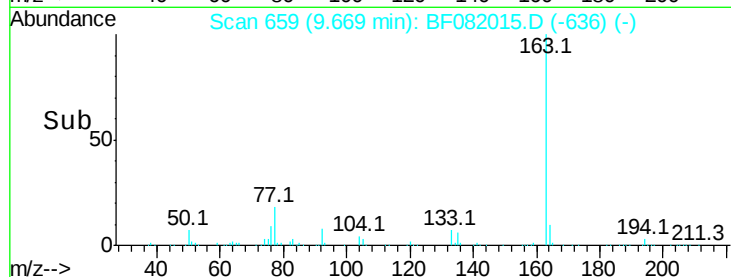
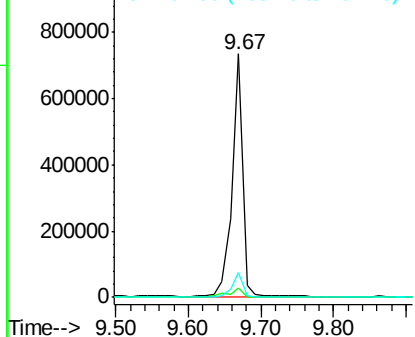
Tot Ion	Ratio	Resp	Lower	Upper
163	100	739481		
194	3.7	4.4	6.6#	
164	10.4	8.3	12.5	

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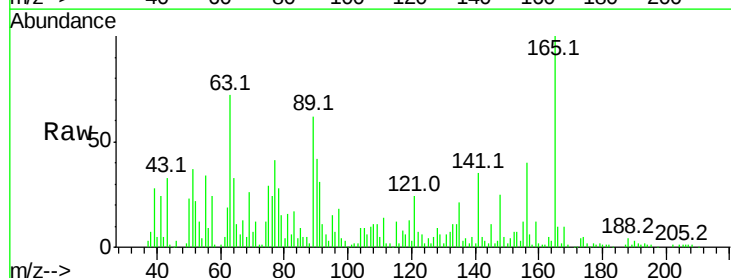


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

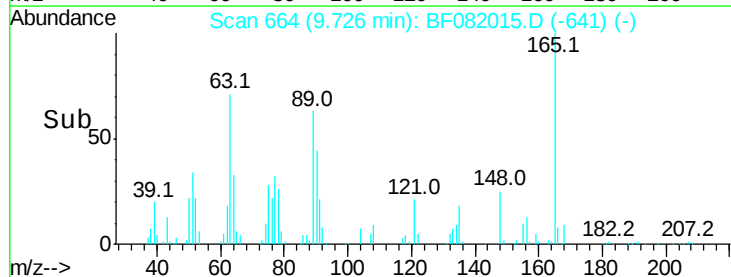
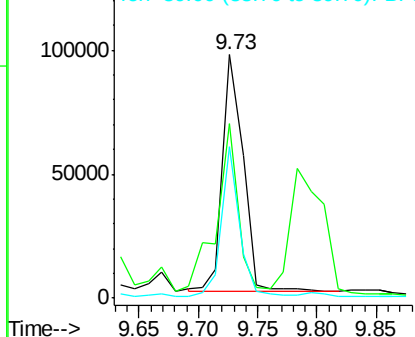


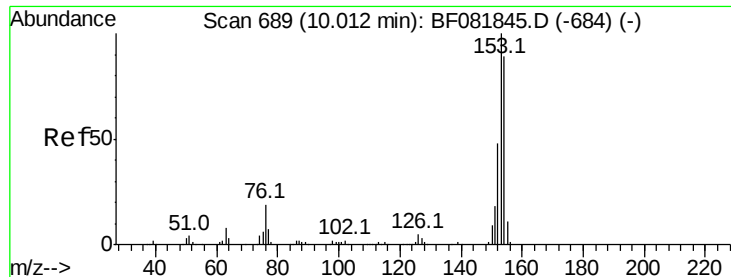
#50
2,6-Dinitrotoluene
Concen: 39.84 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	114873		
63	71.8	32.3	48.5#	
89	62.1	28.6	43.0#	



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





#51

Acenaphthene

Concen: 41.15 ng/mL

RT: 9.98 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

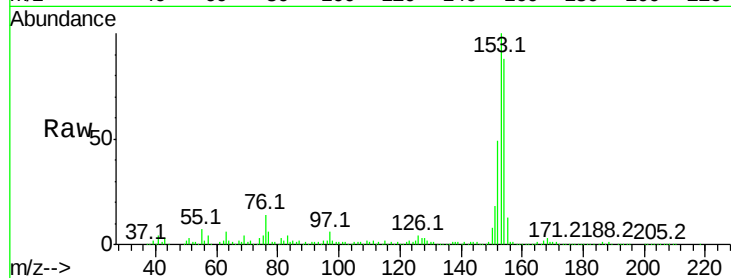
ClientSampleId :

B-2D(3.5-4)MS

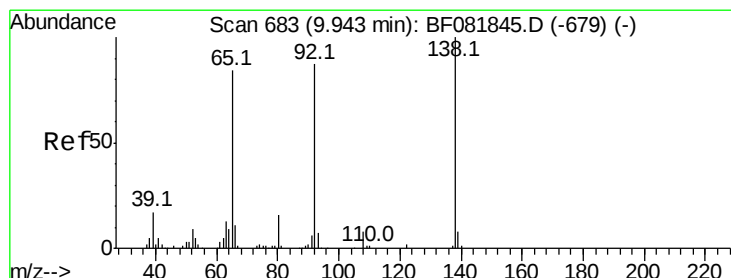
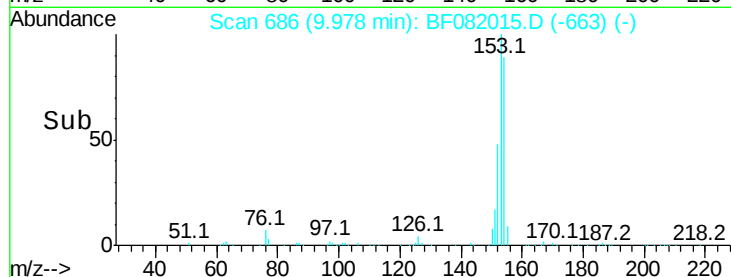
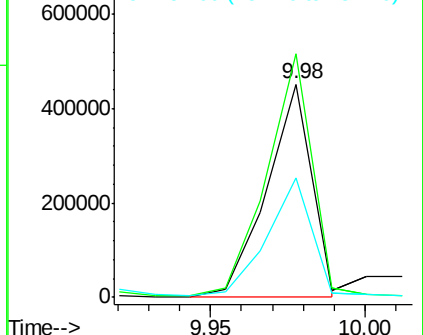
Tot Ion:	154	Resp:	455848
Ion Ratio	Lower	Upper	
154	100		
153	114.0	82.1	123.1
152	56.2	37.9	56.9

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



#52

3-Nitroaniline

Concen: 25.21 ng/mL

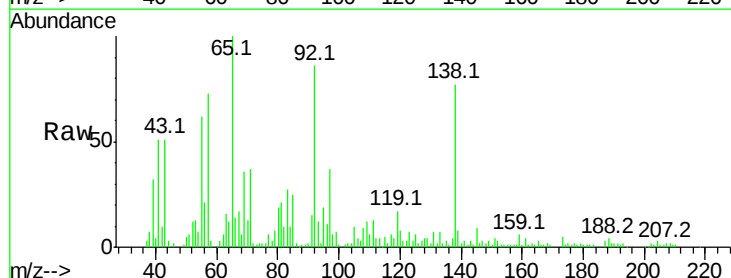
RT: 9.90 min Scan# 679

Delta R.T. -0.05 min

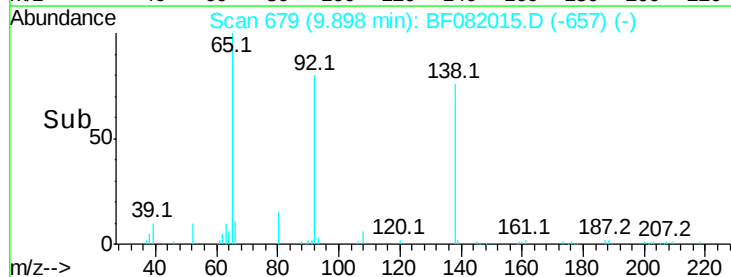
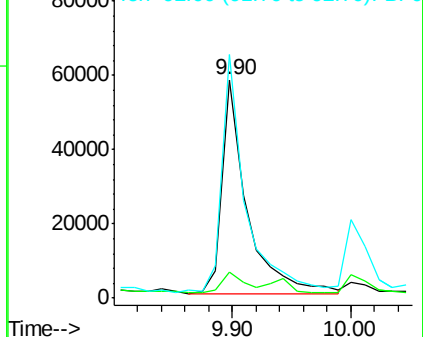
Lab File: BF082015.D

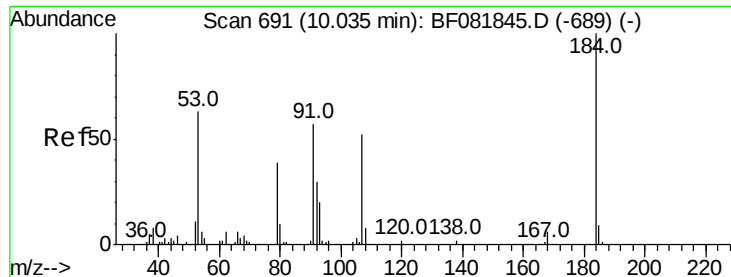
Acq: 3 Oct 2015 10:30

Tgt Ion:	138	Resp:	84089
Ion Ratio	Lower	Upper	
138	100		
108	12.1	5.7	8.5#
92	111.7	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





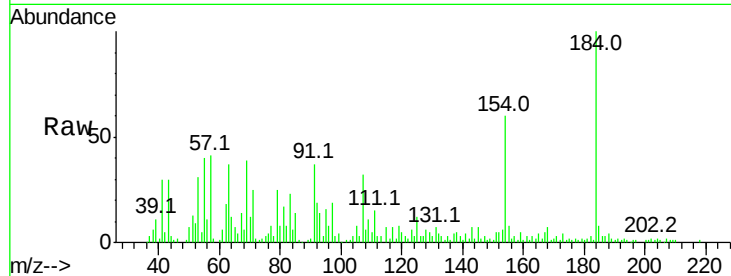
#53
2,4-Dinitrophenol
Concen: 80.21 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

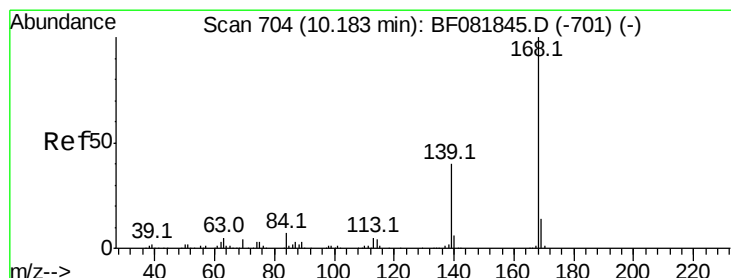
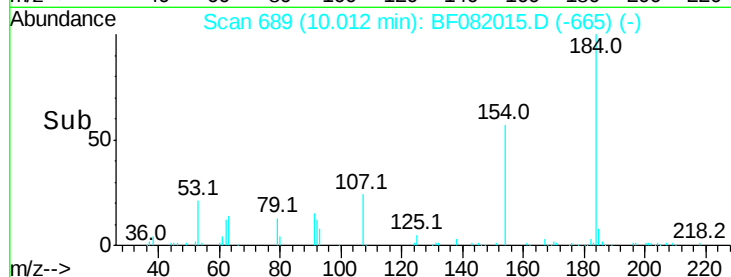
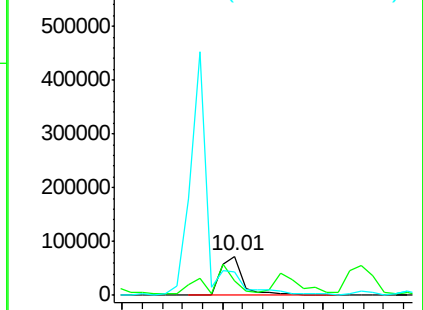
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	37.3	35.4	53.2	
154	60.0	32.2	48.4	

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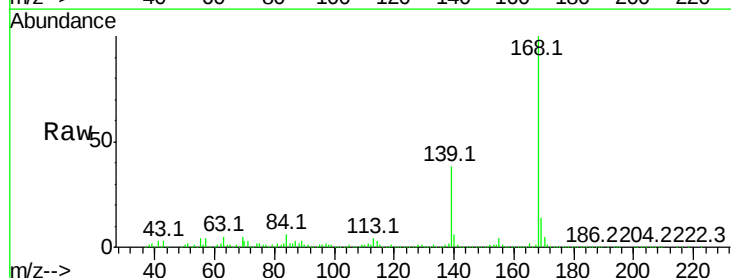


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

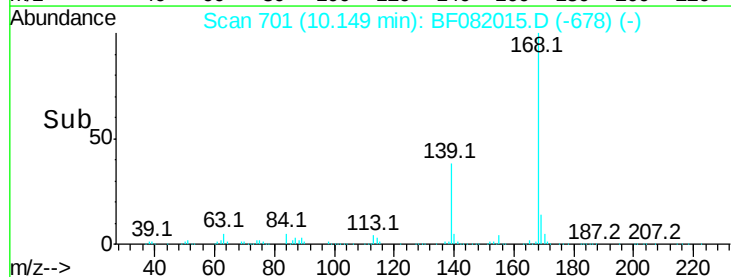
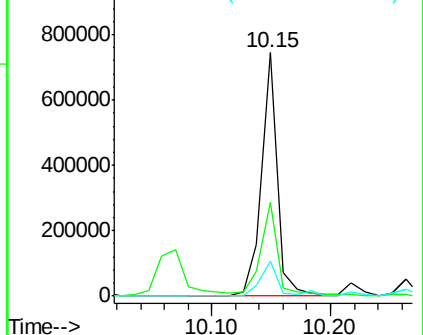


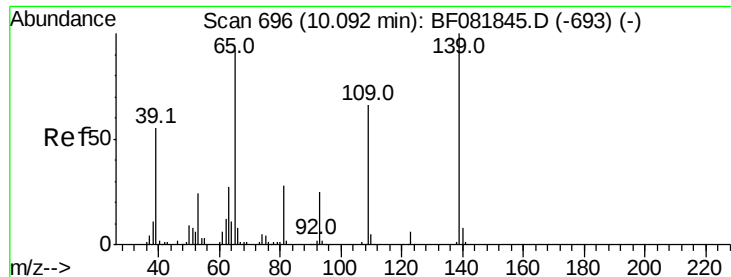
#54
Dibenzofuran
Concen: 44.82 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.4	24.2	36.2	
169	14.5	10.6	15.8	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





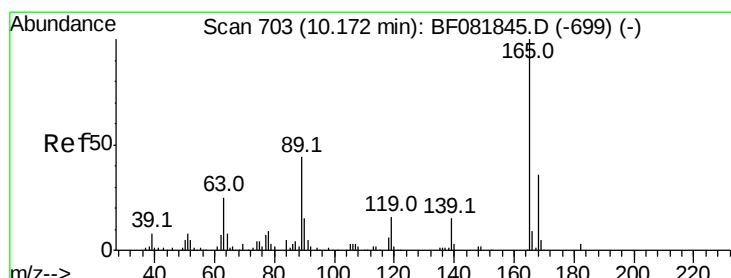
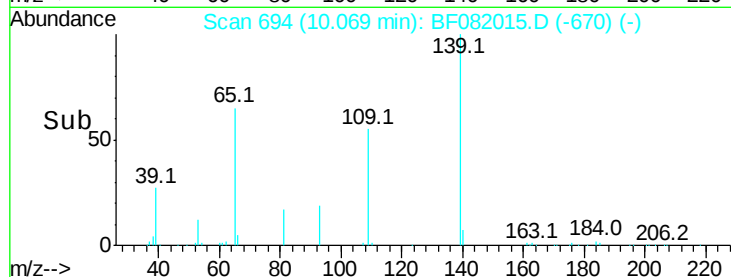
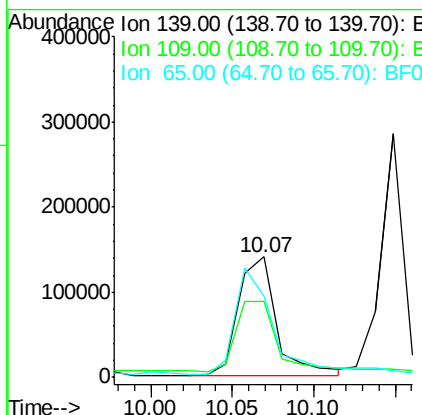
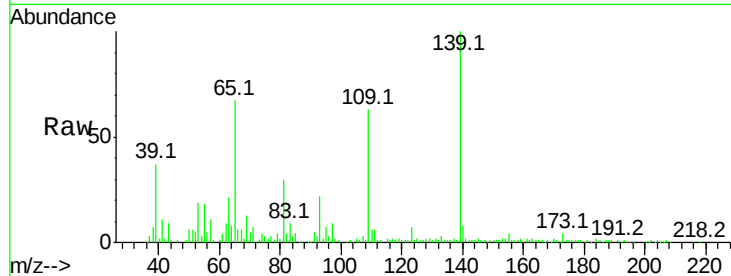
#55
4-Nitrophenol
Concen: 95.01 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.8	12.7	52.7#	
65	66.8	45.9	85.9	

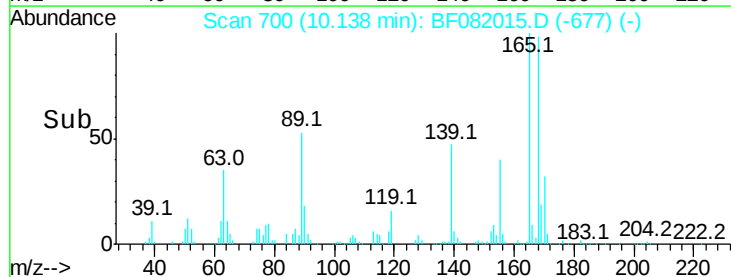
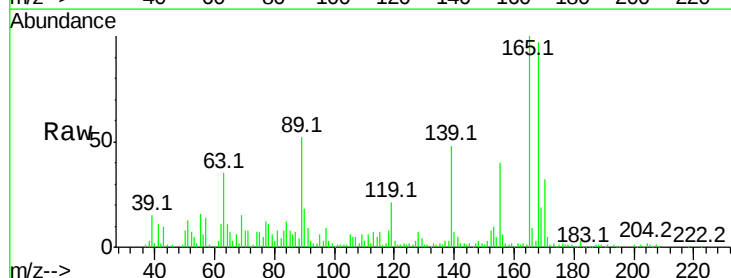
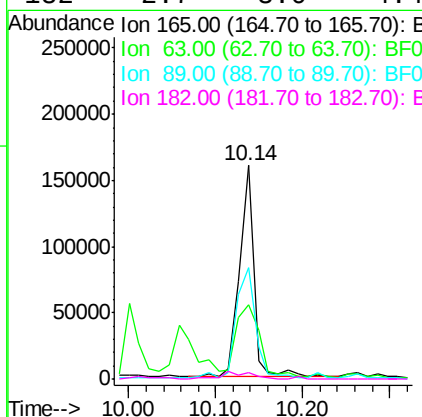
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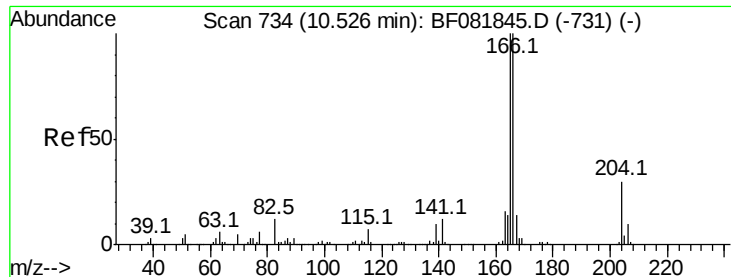
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#56
2,4-Dinitrotoluene
Concen: 50.16 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.0	29.8	44.6	
89	52.3	44.5	66.7	
182	2.7	3.0	4.4#	





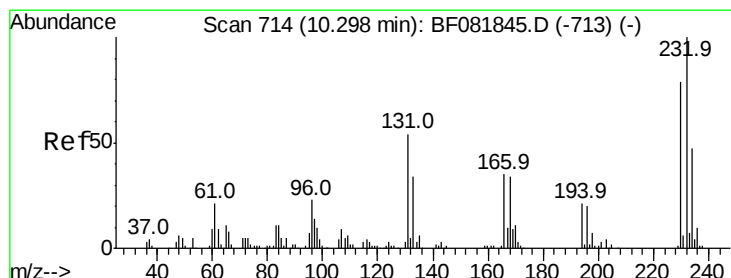
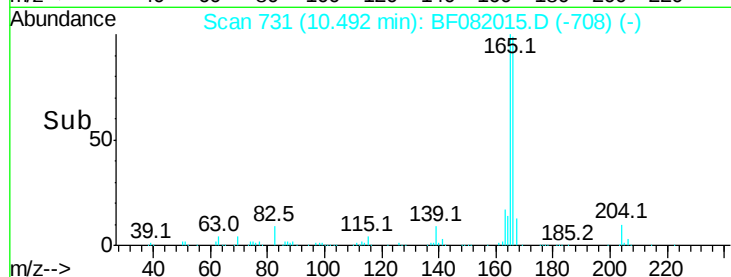
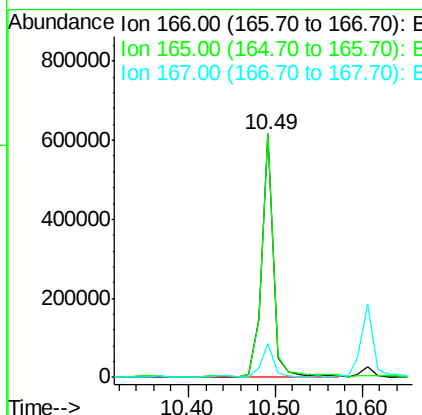
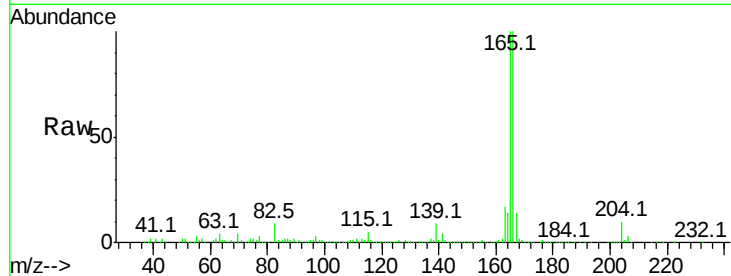
#57
 Fluorene
 Concen: 52.95 ng
 RT: 10.49 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Instrument :
 BNA_F
 ClientSampleId :
 B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	72.6	109.0	
167	13.8	10.6	16.0	

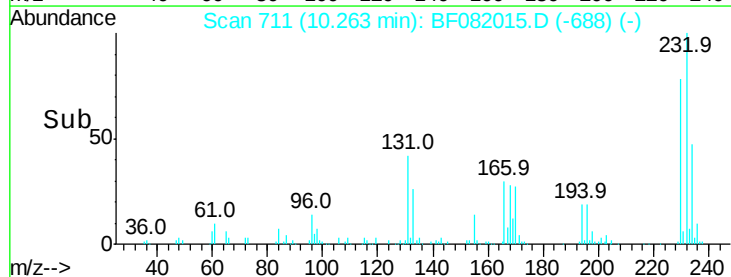
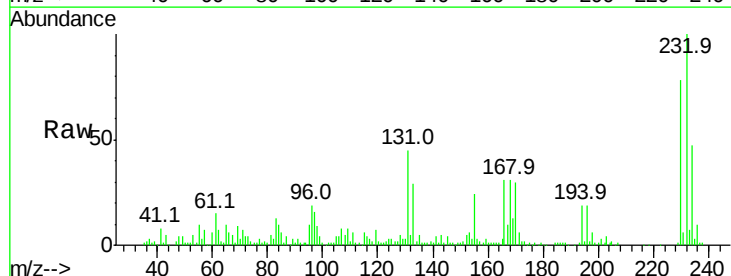
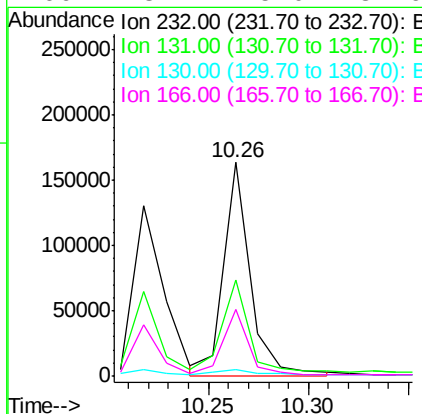
Manual Integrations
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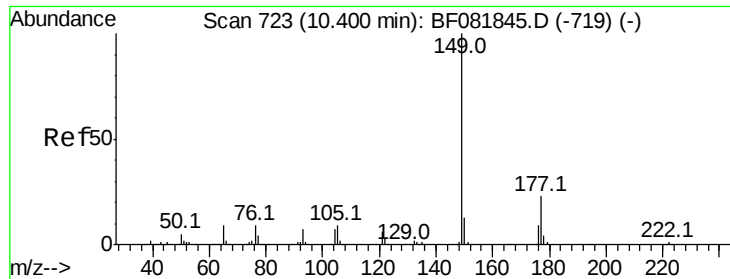
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.56 ng m
 RT: 10.26 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	37.9	38.5	57.7#	
130	2.3	1.8	2.6	
166	23.2	25.0	37.6#	





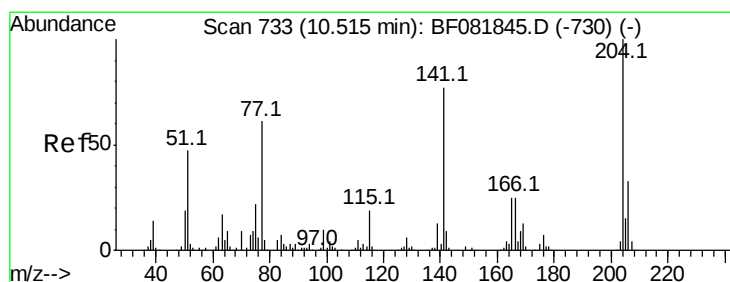
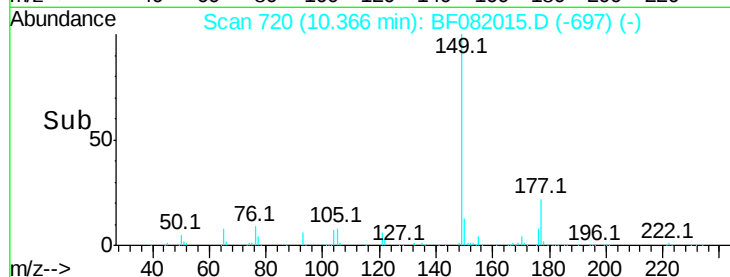
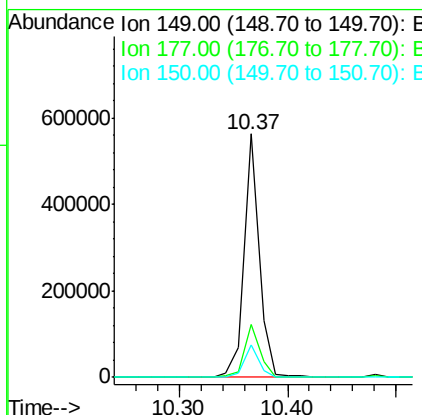
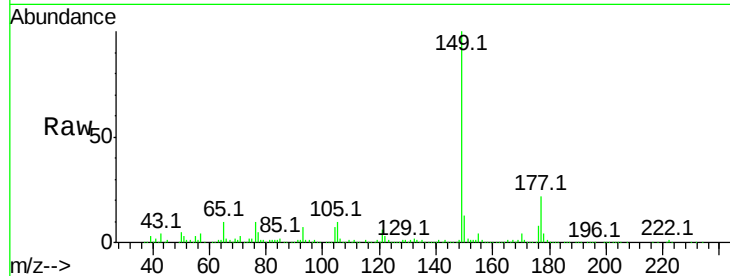
#59
Diethylphthalate
Concen: 43.00 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	533351		
177	22.0		17.5	26.3
150	13.1		9.4	14.2

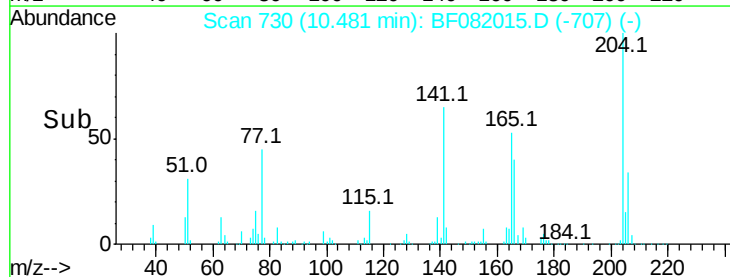
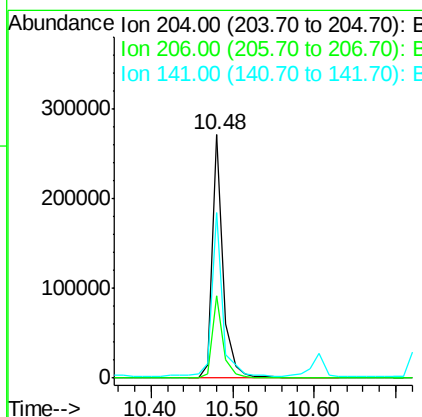
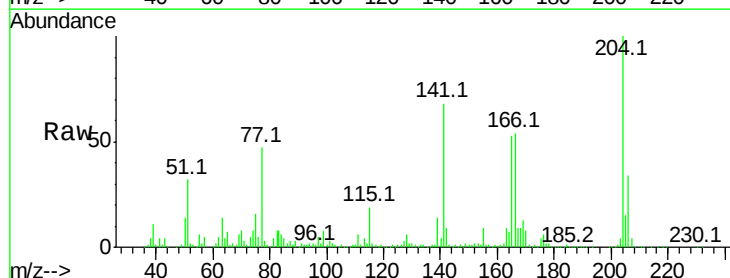
Manual Integrations
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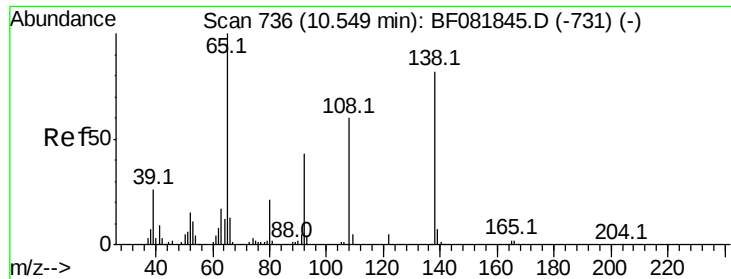
MMDADODA
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#60
4-Chlorophenyl-phenylether
Concen: 44.84 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	256978		
206	33.6		24.8	37.2
141	67.8		42.2	63.4#





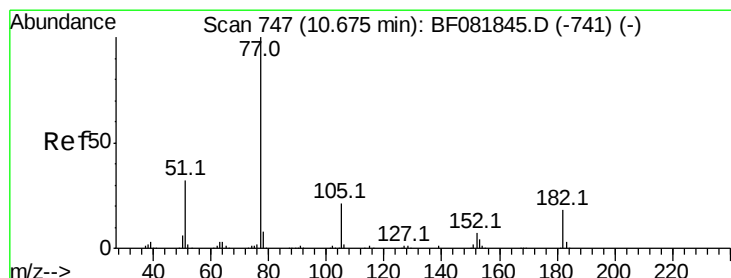
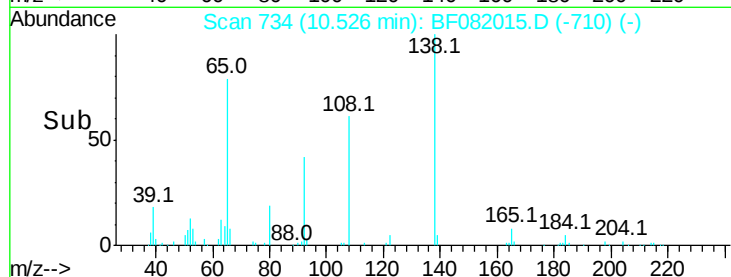
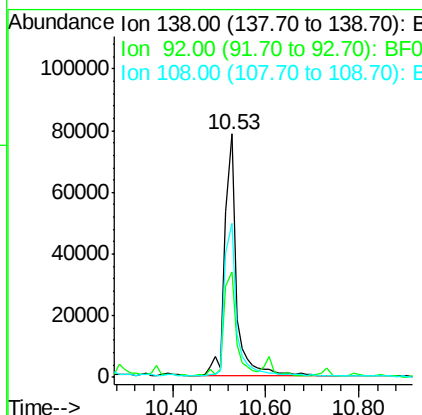
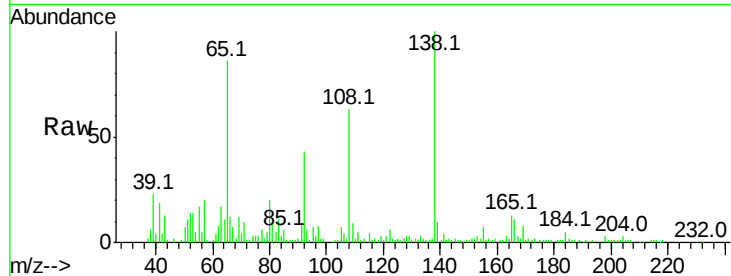
#61
4-Nitroaniline
Concen: 39.60 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	43.1	12.6	52.6	
108	63.4	12.4	52.4	

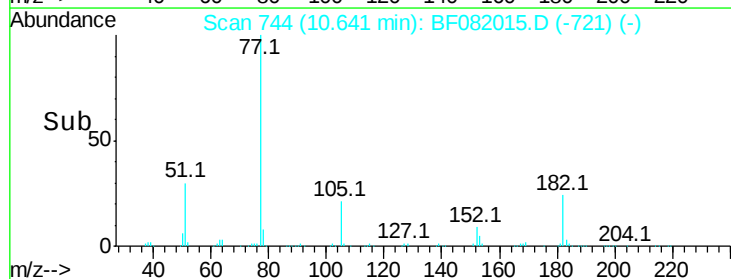
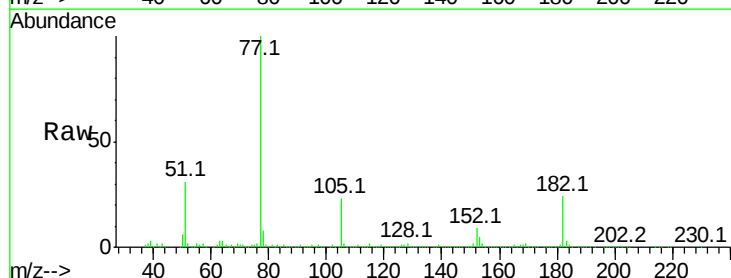
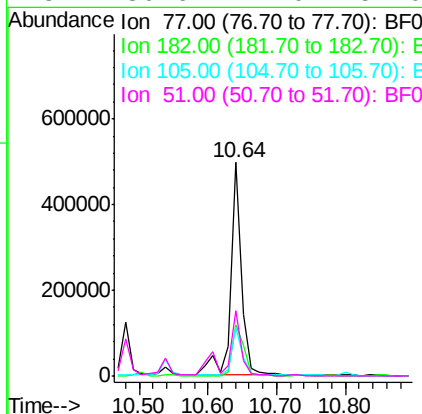
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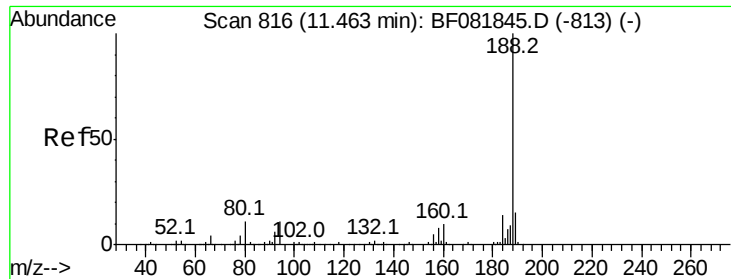
MMDADODA
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#62
Azobenzene
Concen: 46.26 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.9	15.1	55.1	
105	22.6	3.4	43.4	
51	30.6	12.0	52.0	





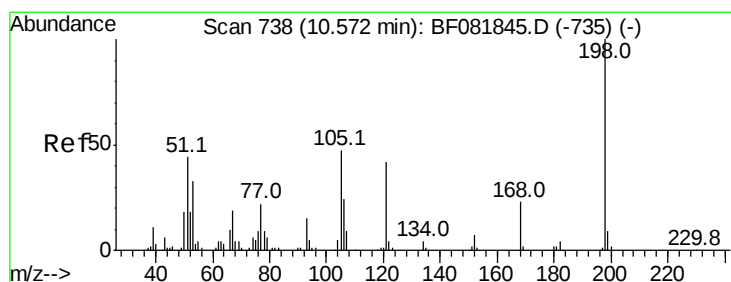
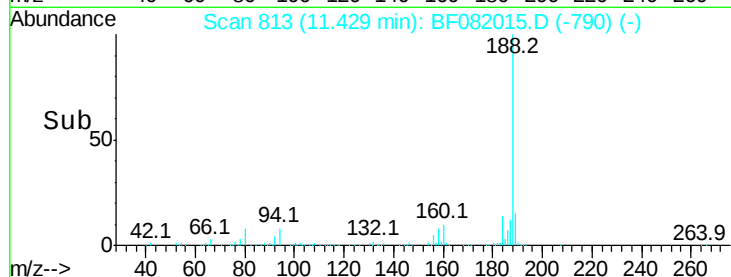
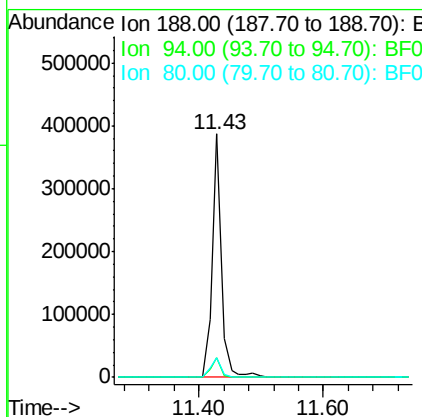
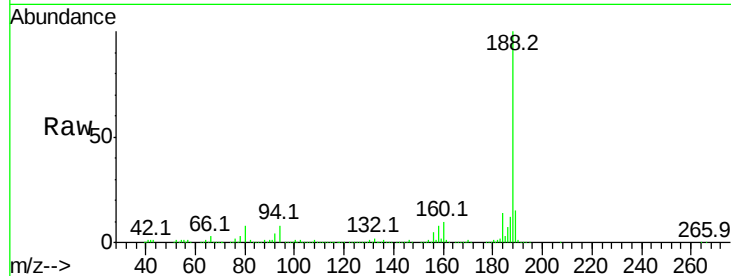
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.0	11.1	16.7#	
80	8.2	11.0	16.4#	

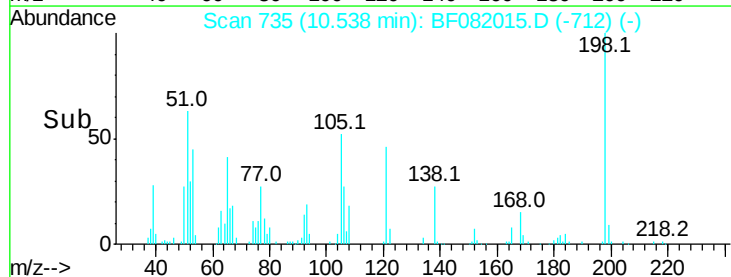
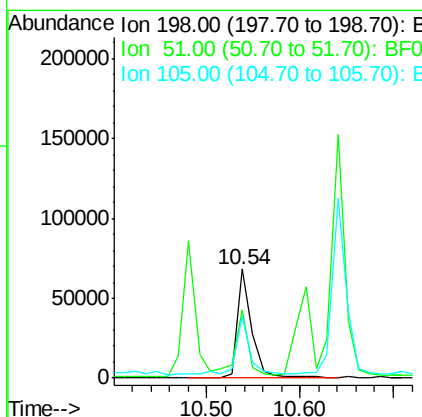
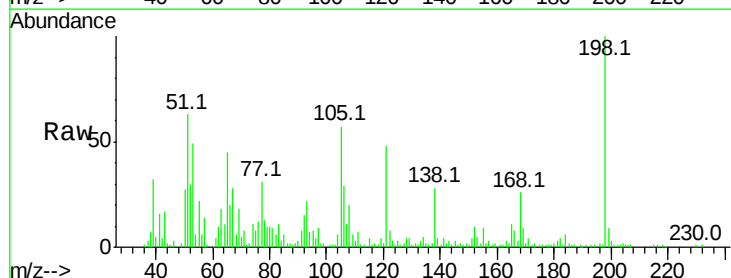
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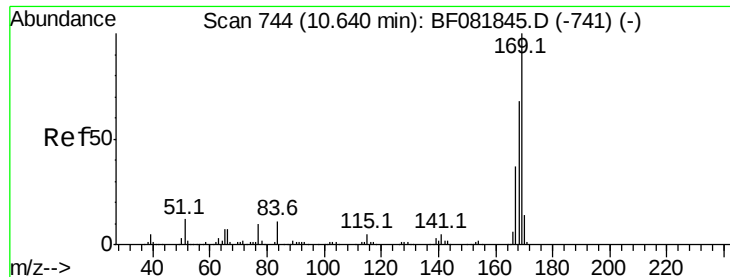
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.88 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	62.7	39.6	79.6	
105	56.6	28.5	68.5	





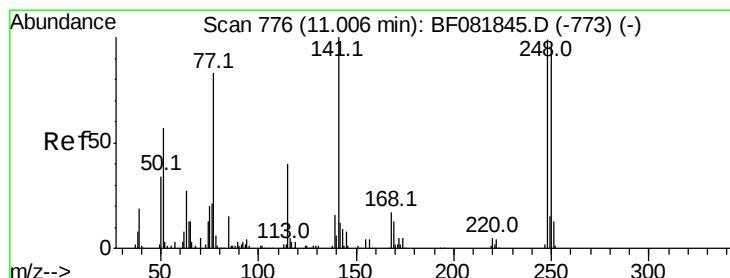
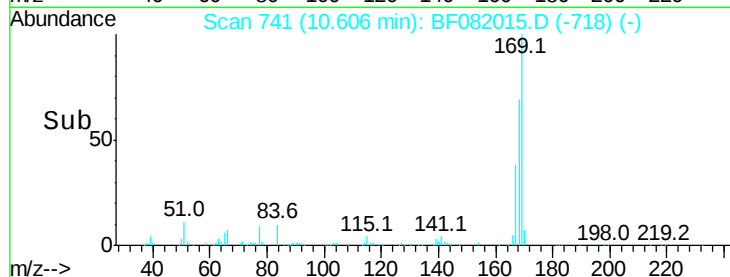
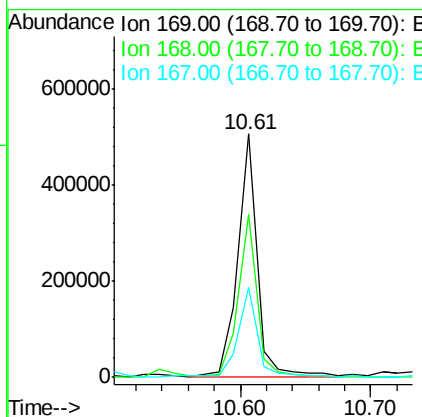
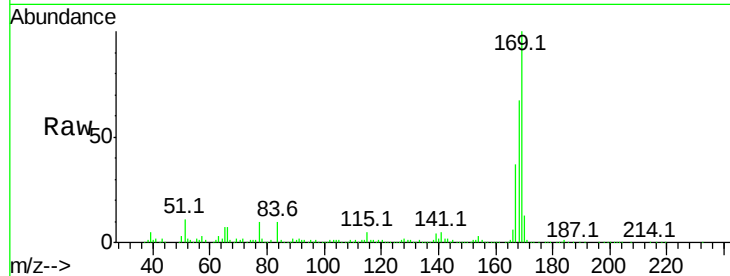
#65
n-Nitrosodiphenylamine
Concen: 43.35 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	520755		
168	66.9		48.9	73.3
167	37.0		26.2	39.4

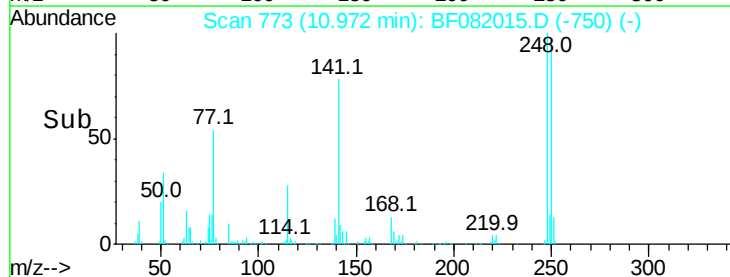
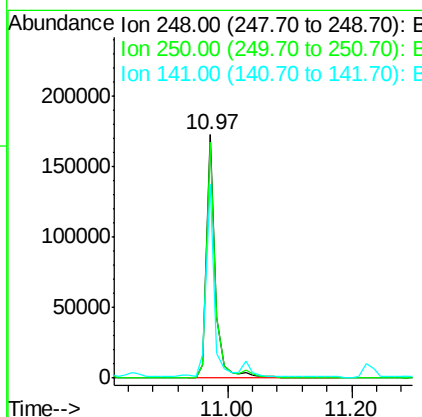
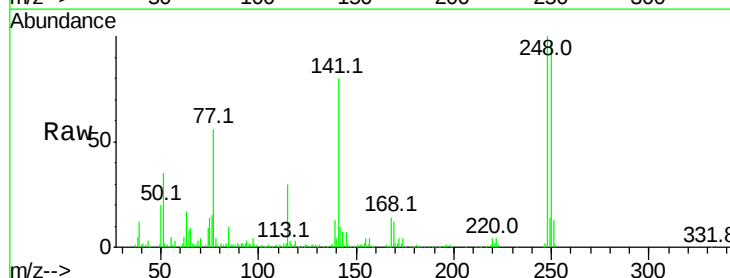
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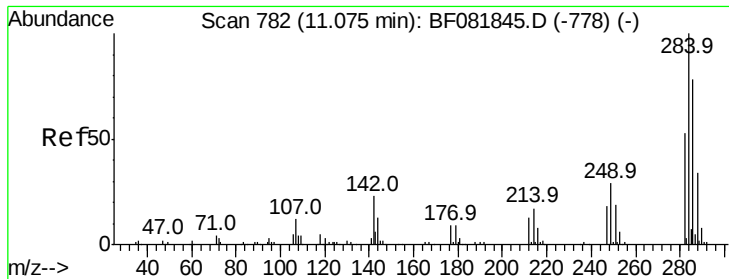
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#66
4-Bromophenyl-phenylether
Concen: 43.44 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	173923		
250	97.0		78.5	117.7
141	79.5		59.0	88.6





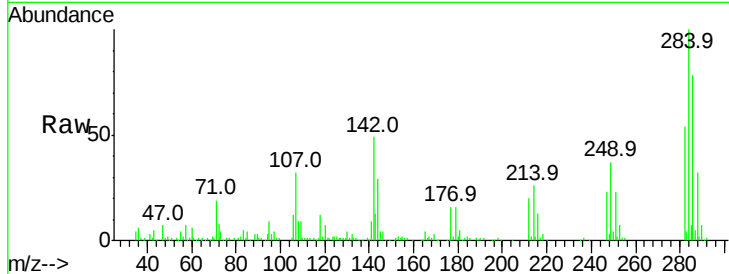
#67
Hexachlorobenzene
Concen: 38.00 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

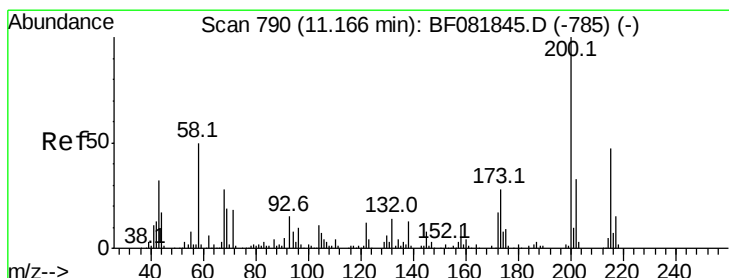
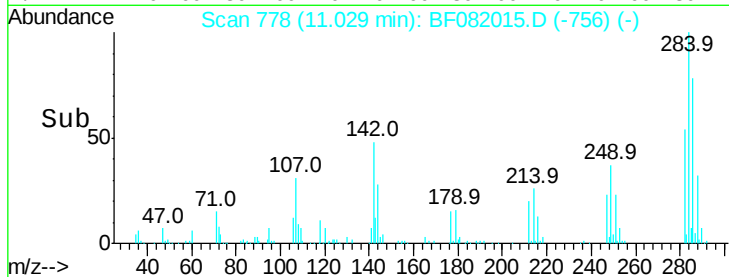
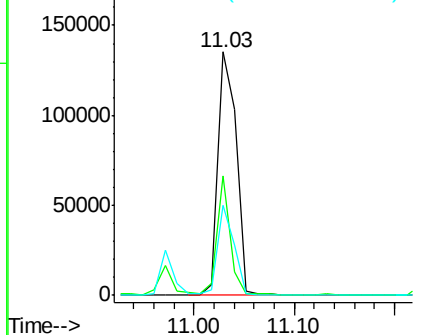
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	49.0	29.5	44.3#
249	36.8	19.5	29.3#

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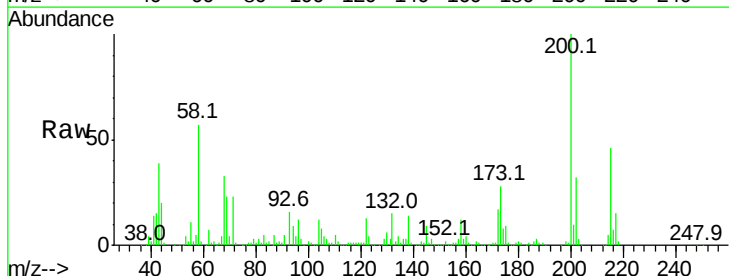


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

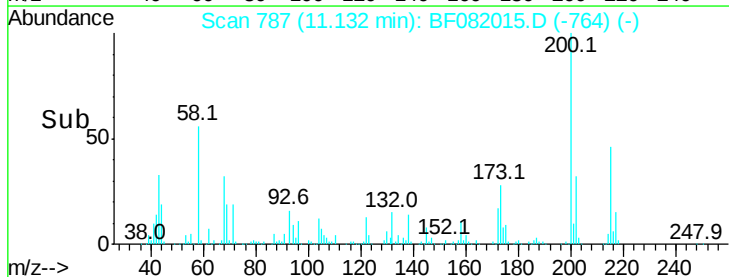
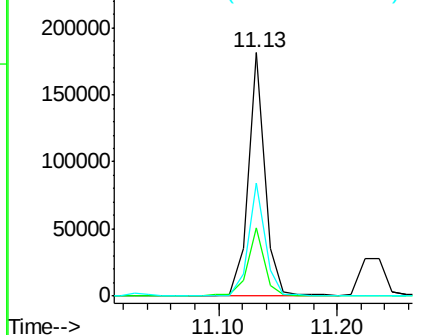


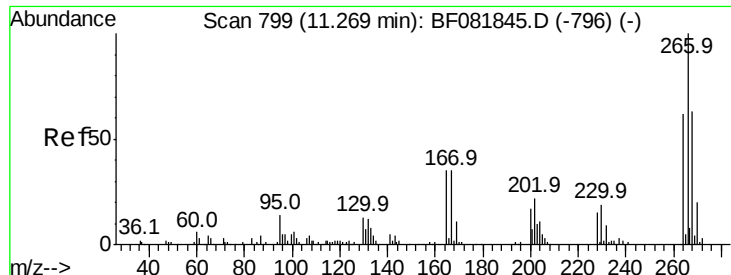
#68
Atrazine
Concen: 48.01 ng
RT: 11.13 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.3	13.2	53.2
215	46.3	41.8	81.8



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





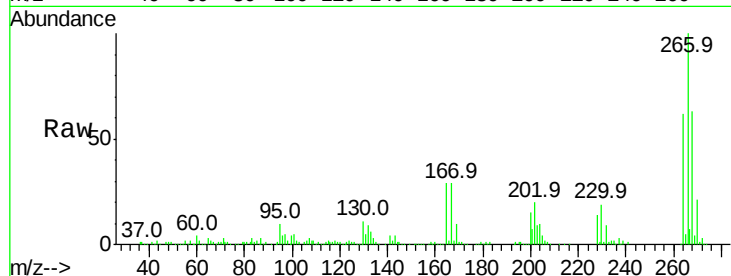
#69
 Pentachlorophenol
 Concen: 91.28 ng
 RT: 11.23 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Instrument :
 BNA_F
 ClientSampleId :
 B-2D(3.5-4)MS

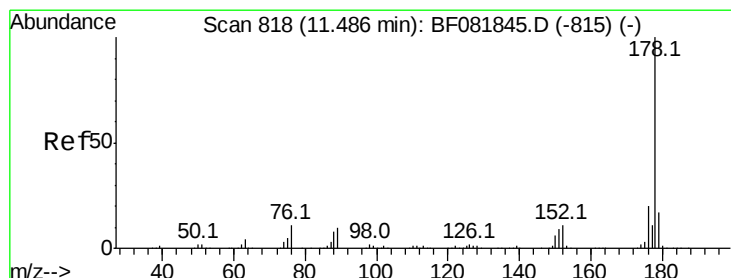
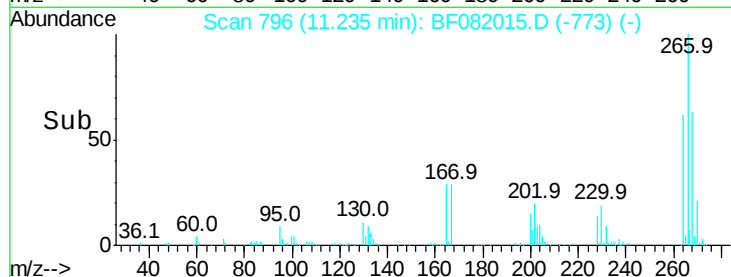
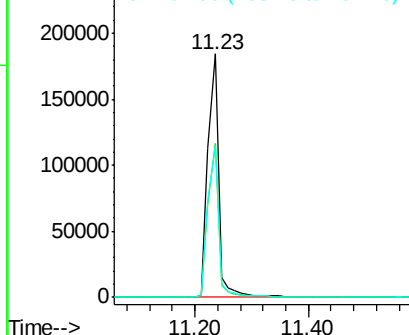
Tot Ion	Ratio	Resp Lower	Upper
266	100		
268	63.1	49.8	74.6
264	62.0	50.2	75.2

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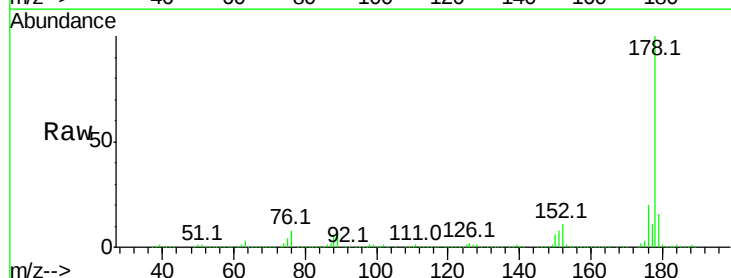


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

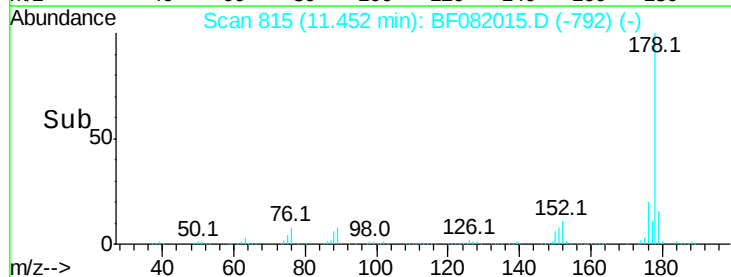
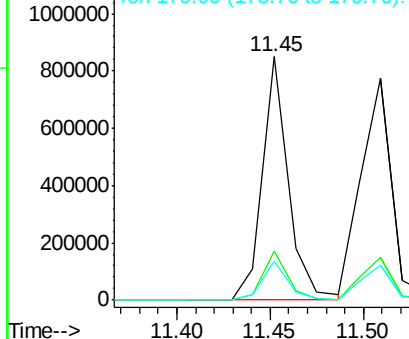


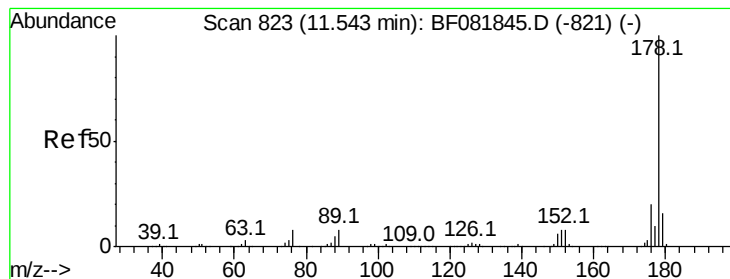
#70
 Phenanthrene
 Concen: 42.54 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.1	13.8	20.8
179	16.0	12.2	18.2



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





#71

Anthracene

Concen: 45.57 ng

RT: 11.51 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

ClientSampleId :

B-2D(3.5-4)MS

Tot Ion:178 Resp: 919813

Ion Ratio Lower Upper

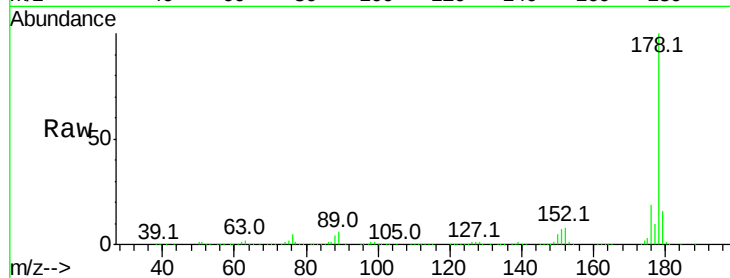
178 100

176 18.9 14.1 21.1

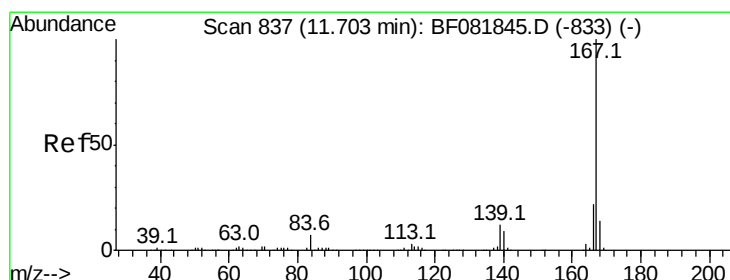
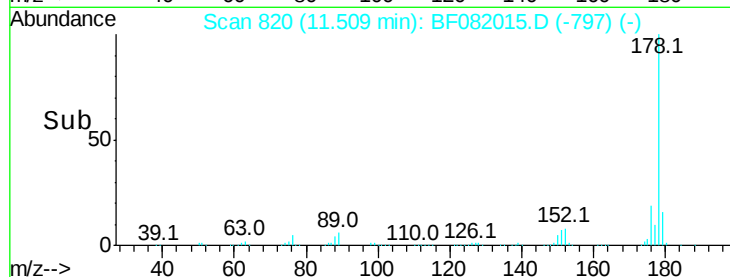
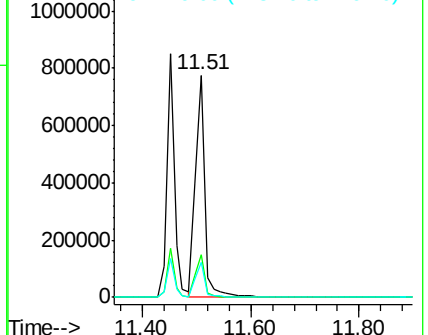
179 15.7 12.2 18.2

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



#72

Carbazole

Concen: 43.80 ng

RT: 11.66 min Scan# 833

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

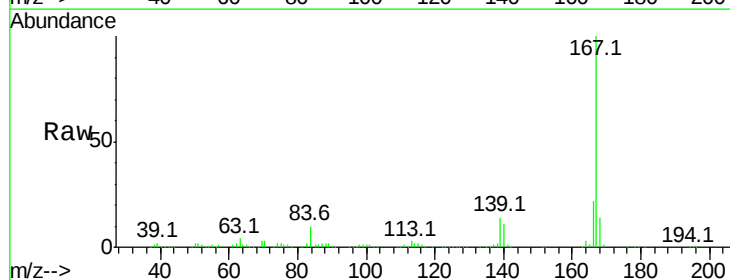
Tgt Ion:167 Resp: 799977

Ion Ratio Lower Upper

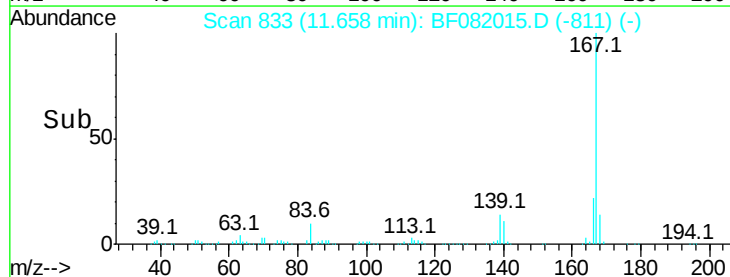
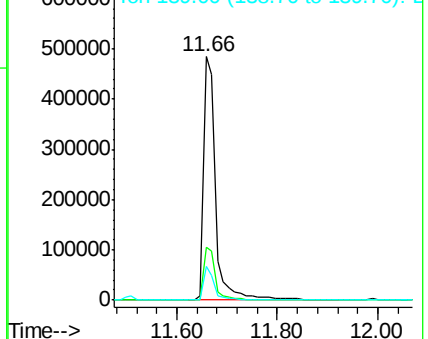
167 100

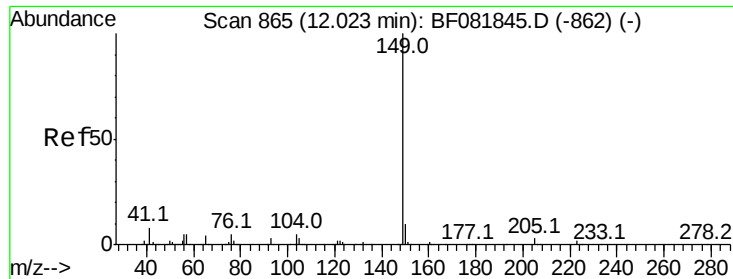
166 21.9 15.7 23.5

139 14.1 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





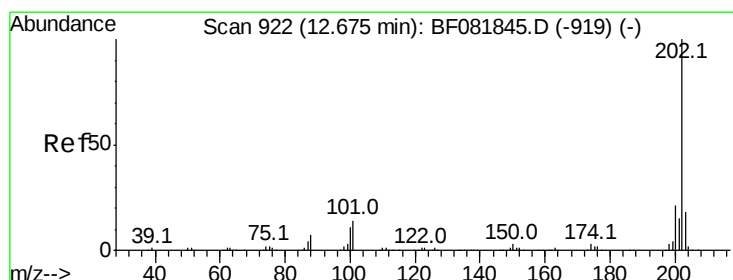
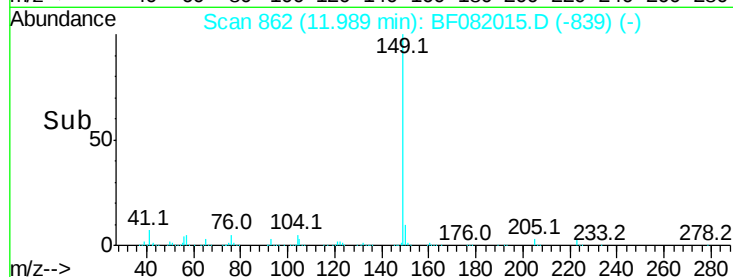
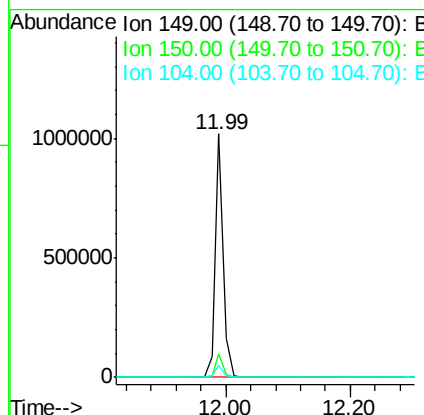
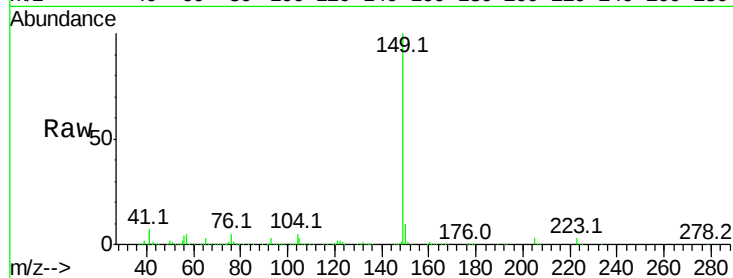
#73
Di-n-butylphthalate
Concen: 47.85 ng
RT: 11.99 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.8	7.4	11.2
104	4.9	2.4	3.6

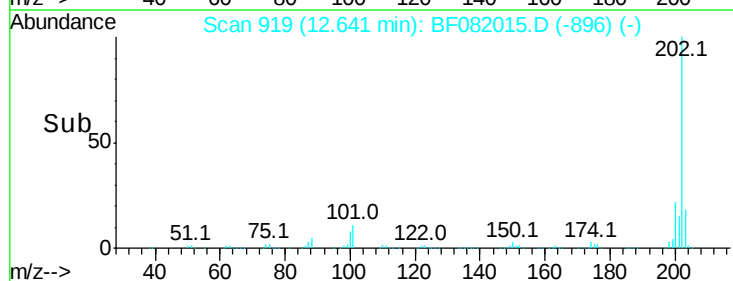
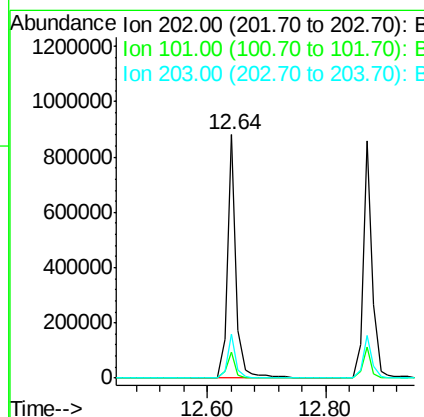
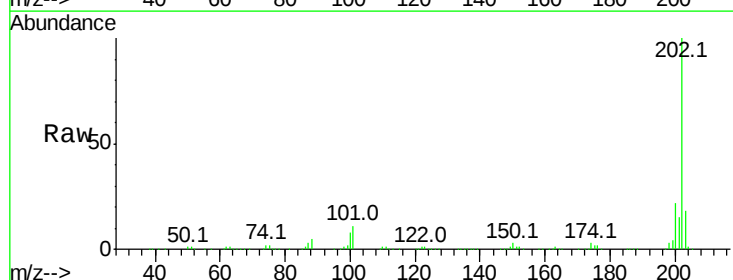
Manual Integrations
APPROVED

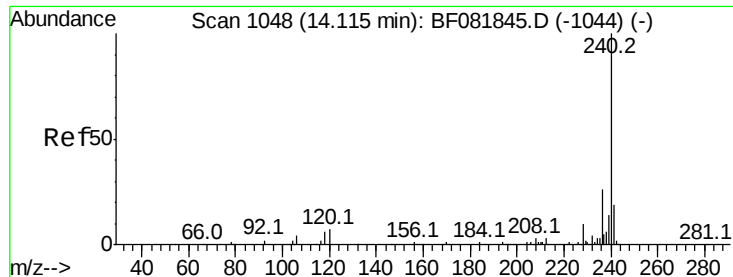
MMDADODA
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#74
Fluoranthene
Concen: 41.77 ng
RT: 12.64 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	38.3
203	18.2	0.0	37.3





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

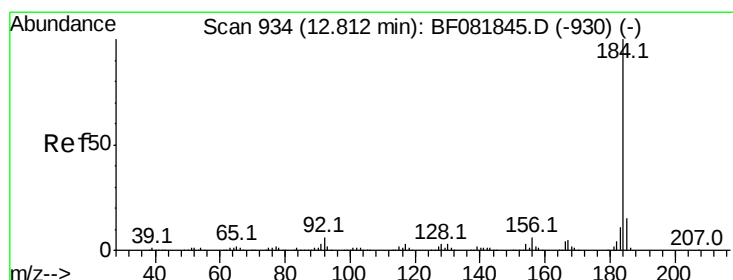
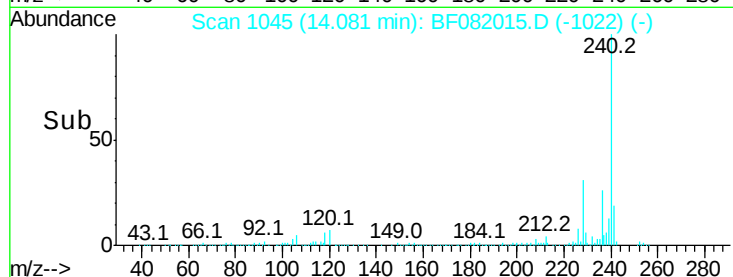
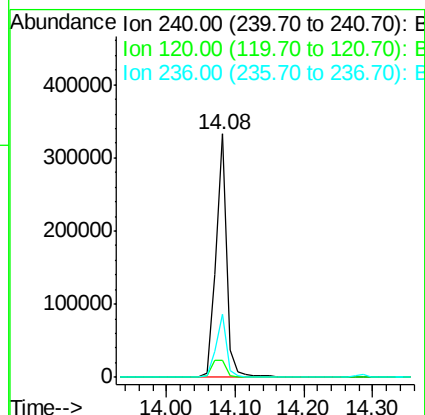
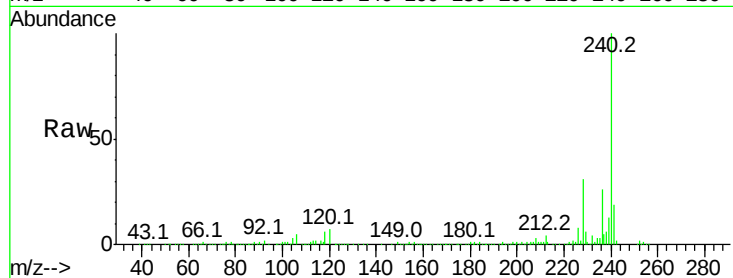
ClientSampleId :

B-2D(3.5-4)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.9	16.2	24.2#
236	26.0	18.4	27.6

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#76

Benzidine

Concen: 32.70 ng

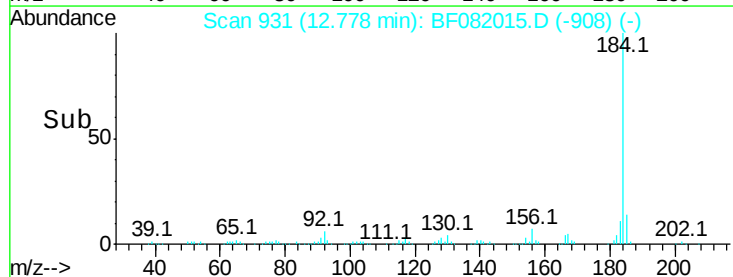
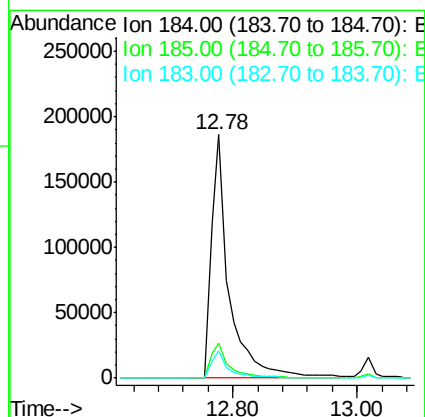
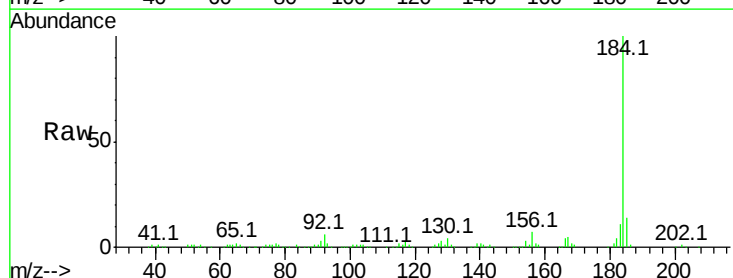
RT: 12.78 min Scan# 931

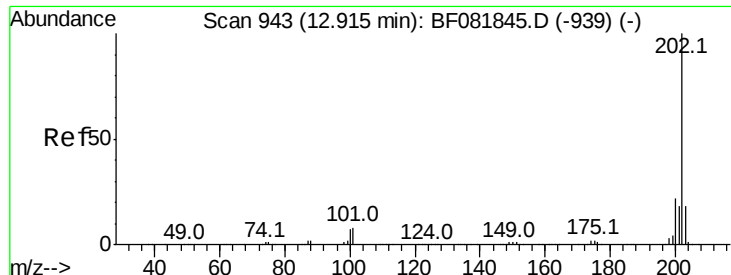
Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.6
183	11.3	7.6	11.4





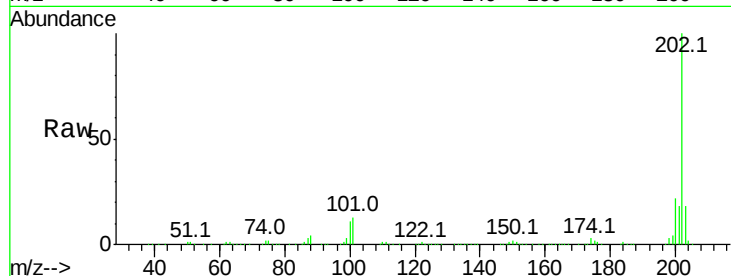
#77
Pvrene
Concen: 40.49 ng
RT: 12.87 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

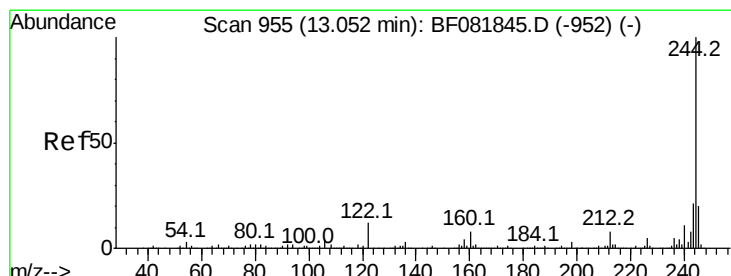
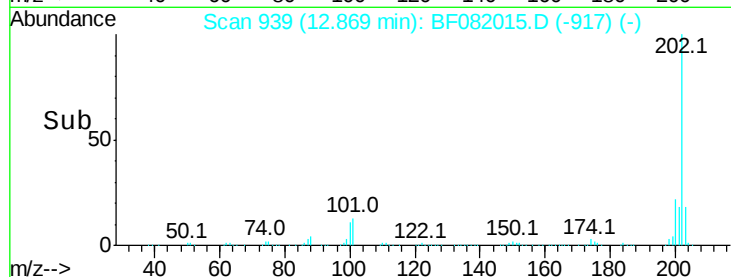
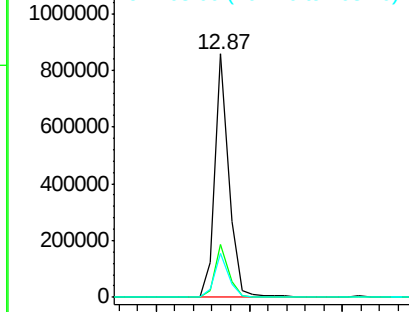
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.8	15.0	22.4	
203	18.0	14.1	21.1	

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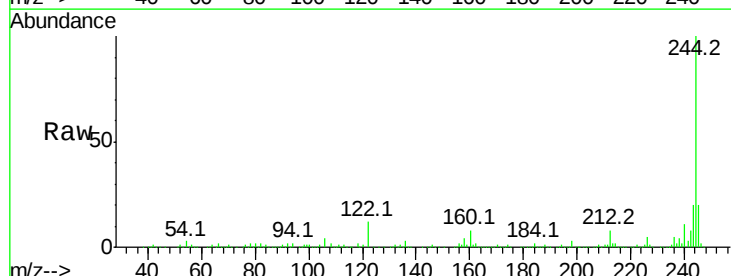


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

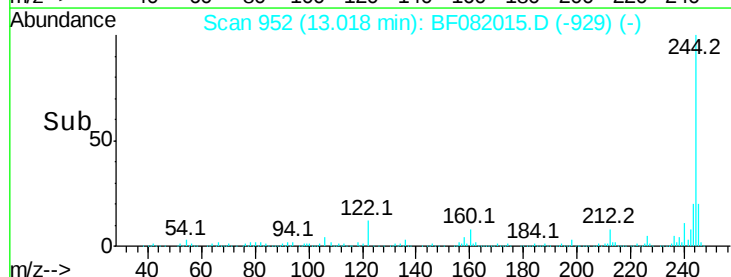
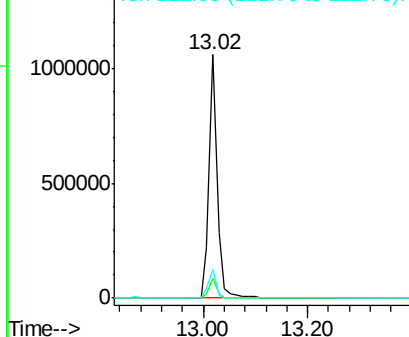


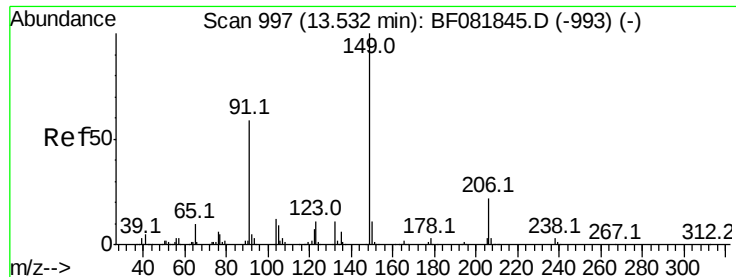
#78
Terphenyl-d14
Concen: 109.00 ng
RT: 13.02 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.0	4.3	6.5#	
122	11.5	17.4	26.2#	



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





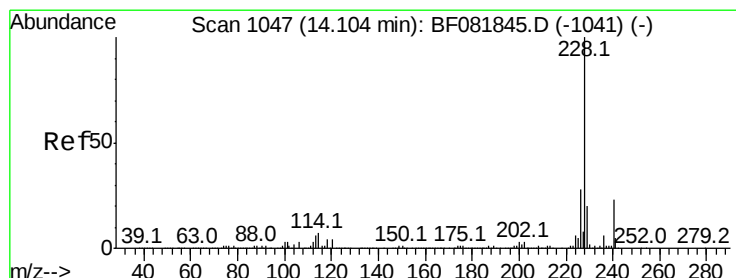
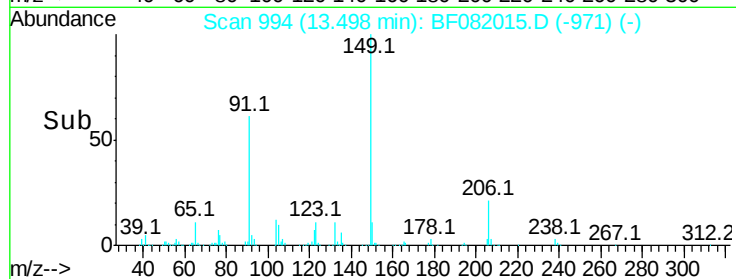
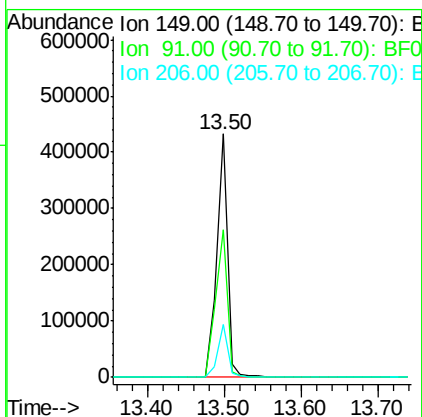
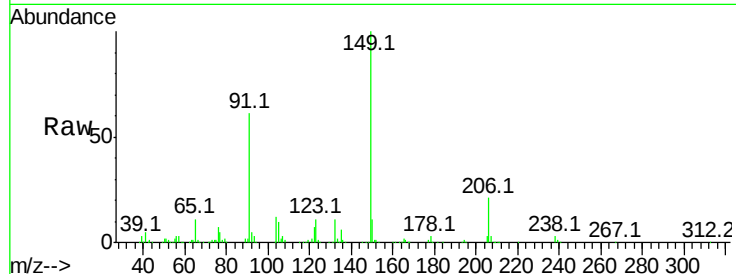
#79
Butylbenzylphthalate
Concen: 50.33 ng
RT: 13.50 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	418773		
91	60.9	48.6	72.8	
206	21.5	14.9	22.3	

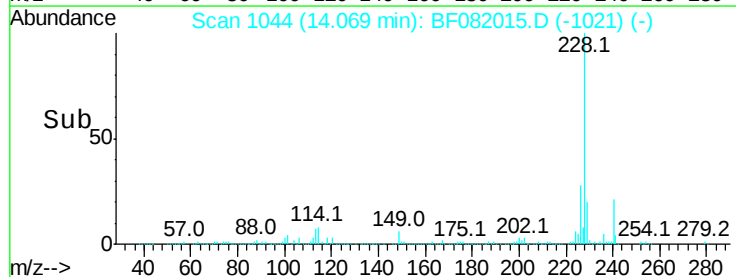
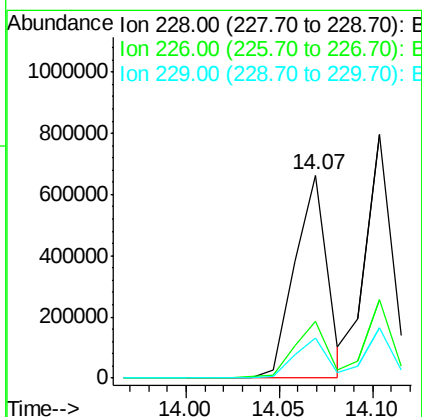
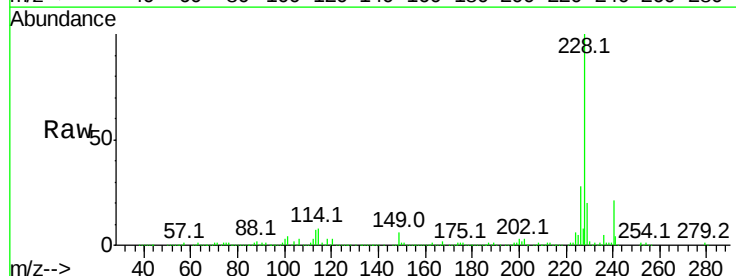
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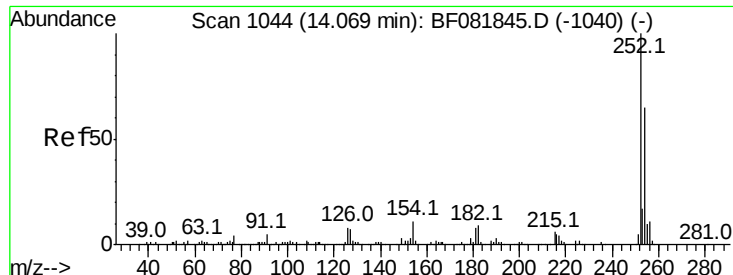
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#80
Benzo(a)anthracene
Concen: 40.46 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	806493		
226	27.8	20.0	30.0	
229	19.8	15.4	23.2	





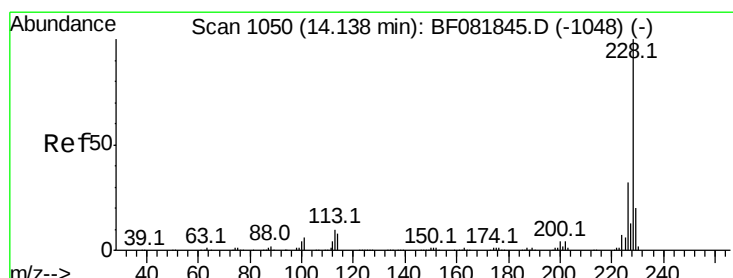
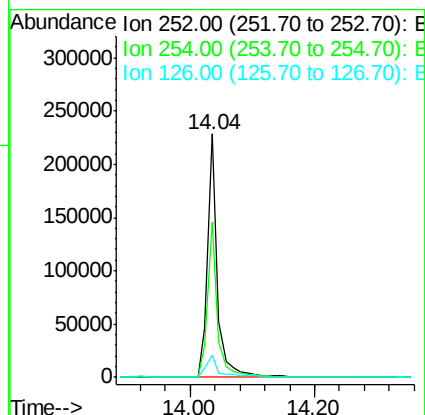
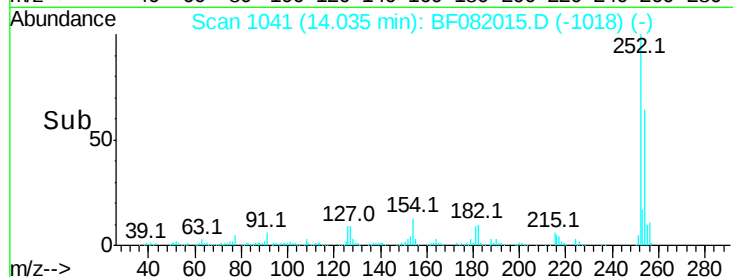
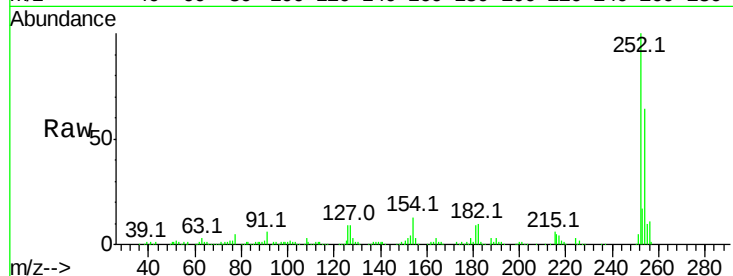
#81
 3,3'-Dichlorobenzidine
 Concen: 37.92 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Instrument :
 BNA_F
 ClientSampleId :
 B-2D(3.5-4)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.8	51.4	77.2
126	9.3	16.4	24.6

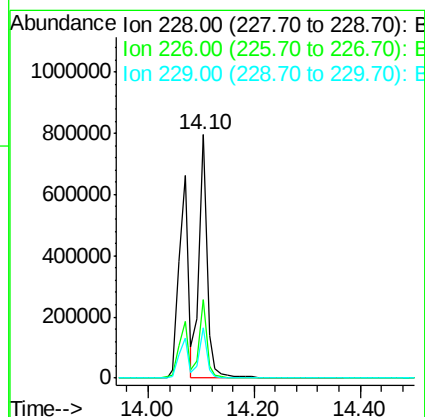
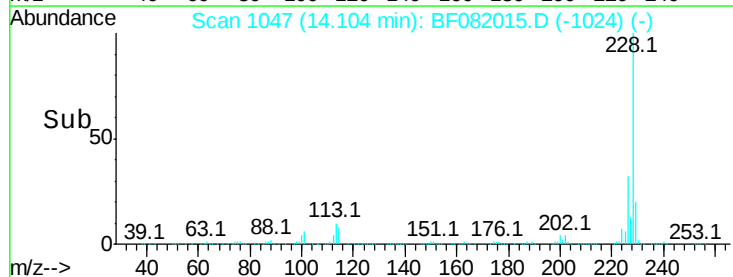
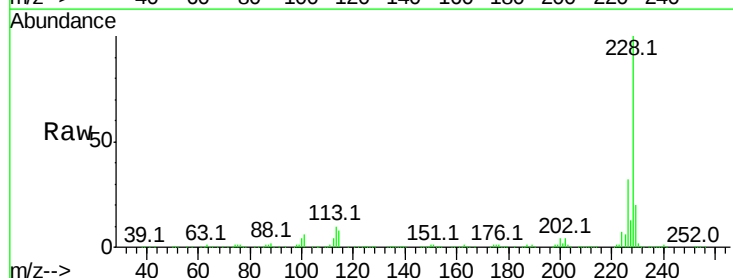
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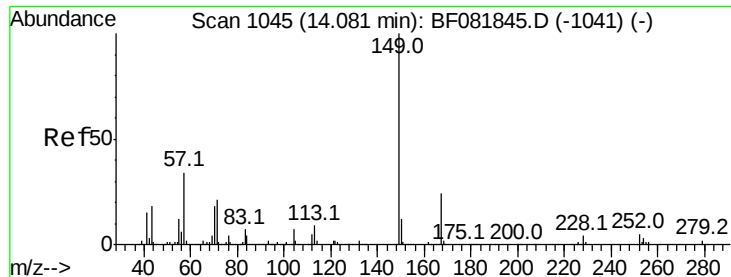
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#82
 Chrysene
 Concen: 54.84 ng m
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.0	21.0	31.4
229	20.4	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.34 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

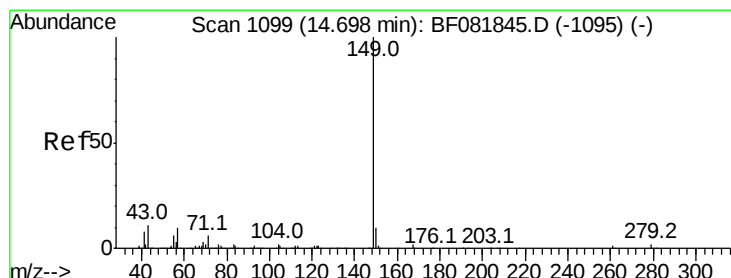
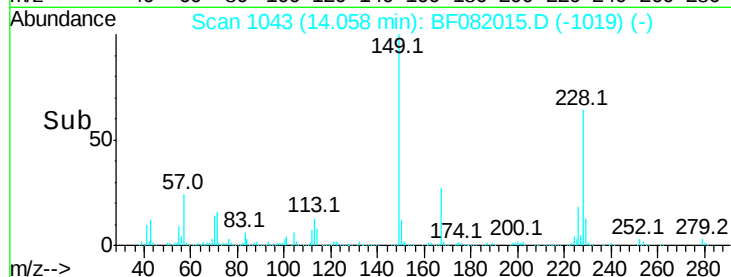
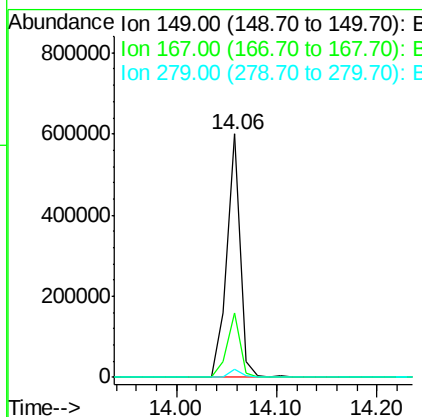
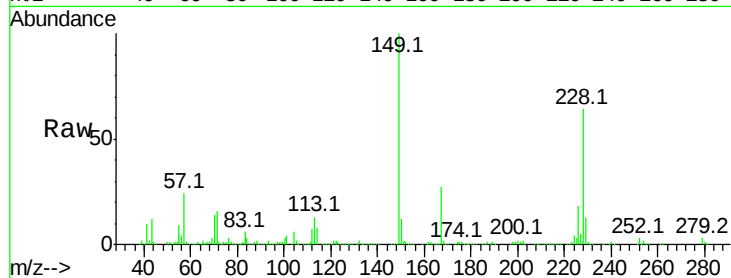
ClientSampleId :

B-2D(3.5-4)MS

Tot Ion:	149	Resp:	556760
Ion Ratio	Lower	Upper	
149	100		
167	26.7	24.2	36.2
279	3.2	3.8	5.6#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 56.57 ng

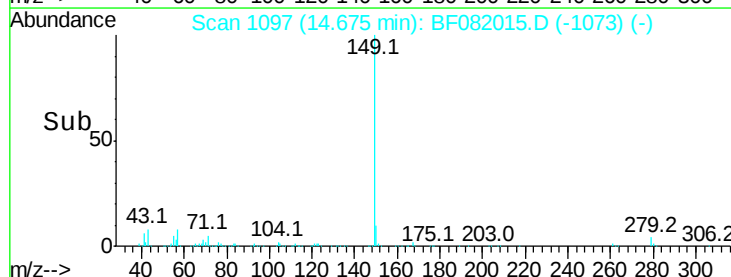
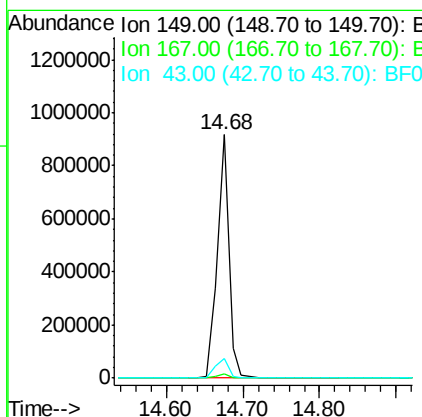
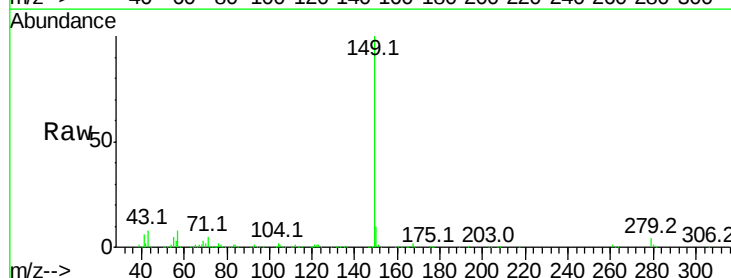
RT: 14.68 min Scan# 1097

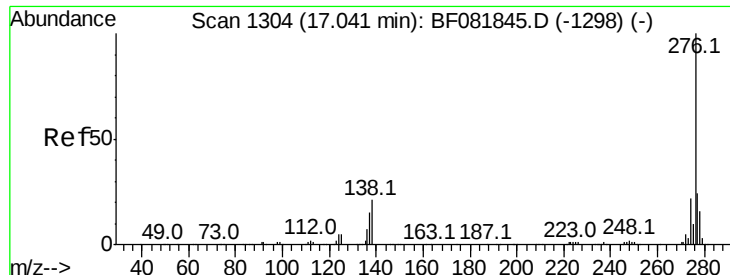
Delta R.T. -0.02 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Tgt Ion:	149	Resp:	960958
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.0	1.6
43	9.2	10.2	15.2#





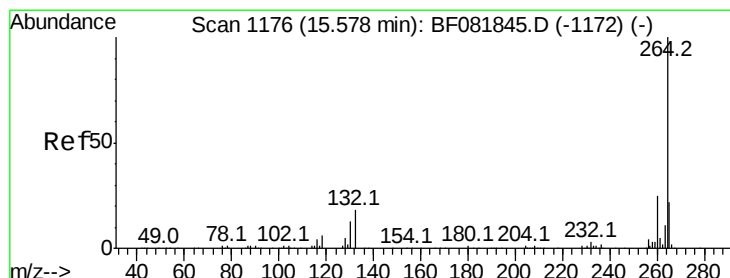
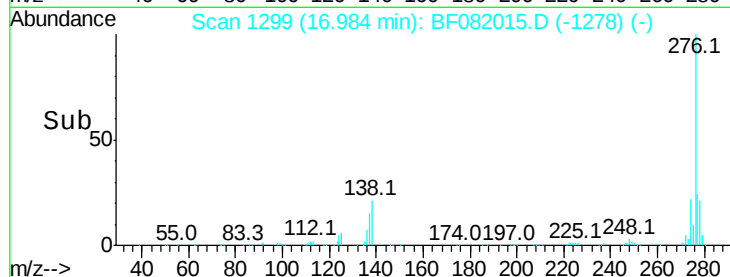
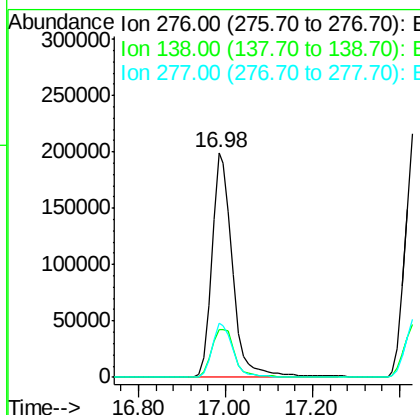
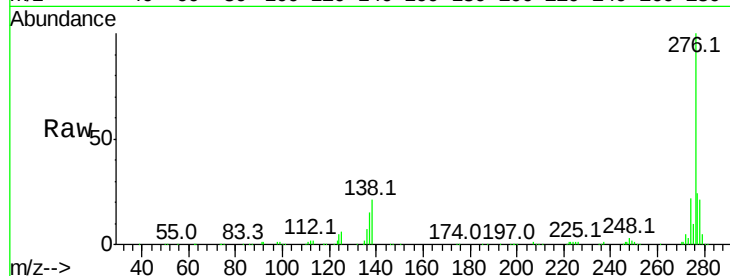
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.97 ng
 RT: 16.98 min Scan# 1299
 Delta R.T. -0.06 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Instrument :
 BNA_F
 ClientSampleId :
 B-2D(3.5-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	669966		
138	24.3	25.7	38.5#	
277	24.6	15.6	23.4#	

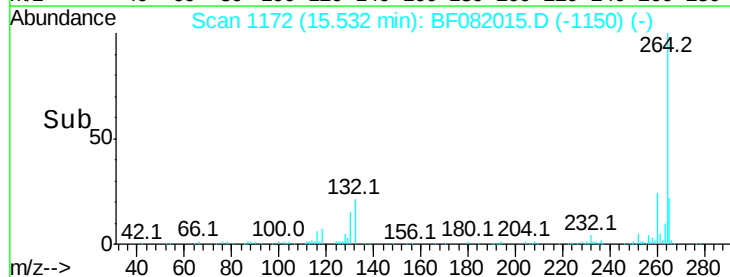
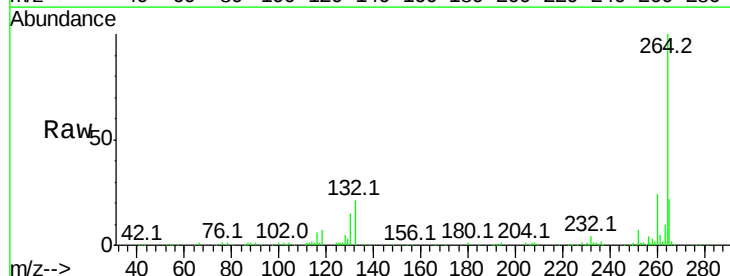
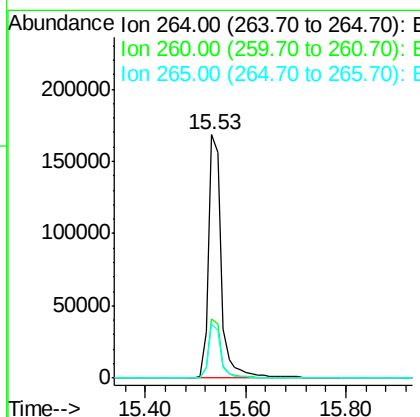
Manual Integrations
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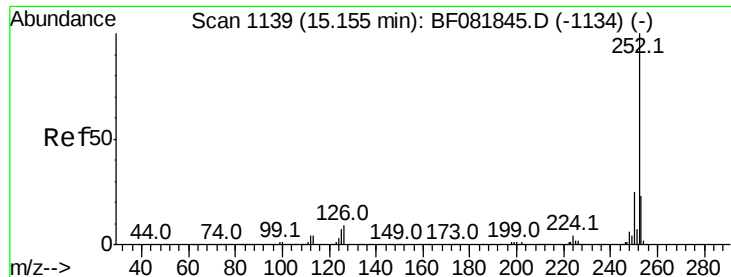
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	299795		
260	24.2	16.7	25.1	
265	22.1	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 50.94 ng m

RT: 15.11 min Scan# 1135

Delta R.T. -0.05 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Instrument :

BNA_F

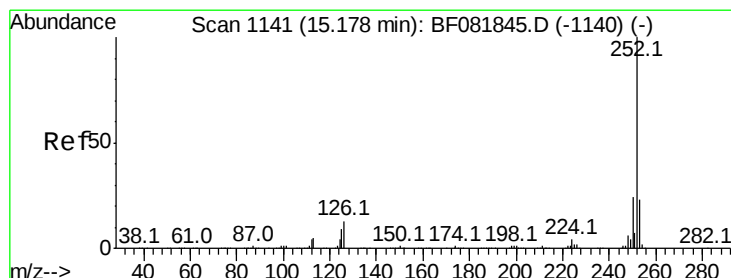
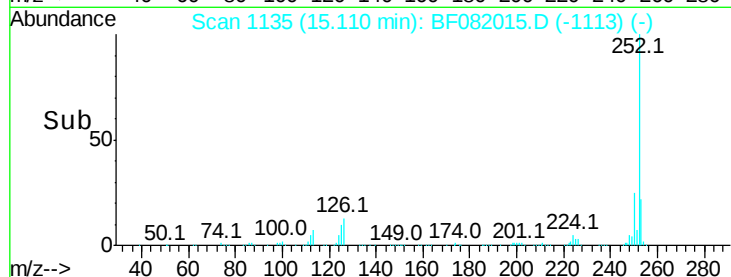
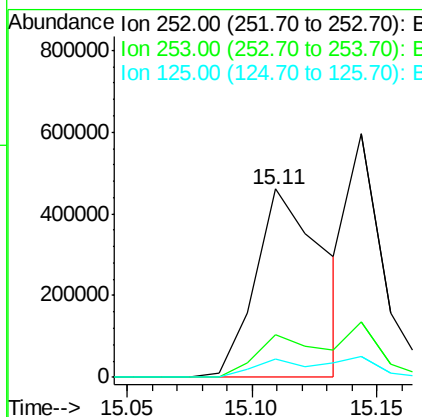
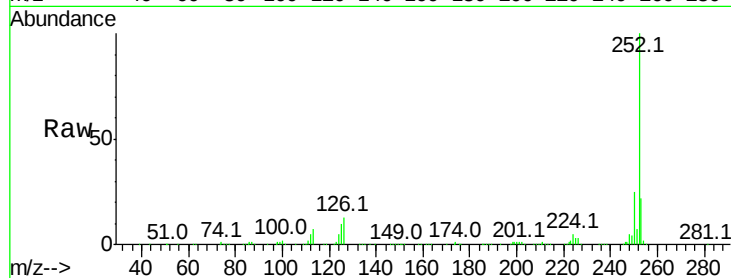
ClientSampleId :

B-2D(3.5-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.7	17.1	25.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 39.11 ng m

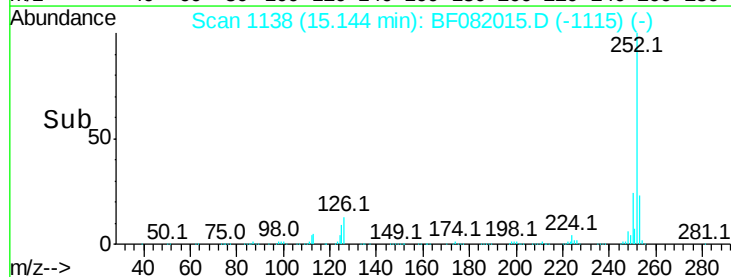
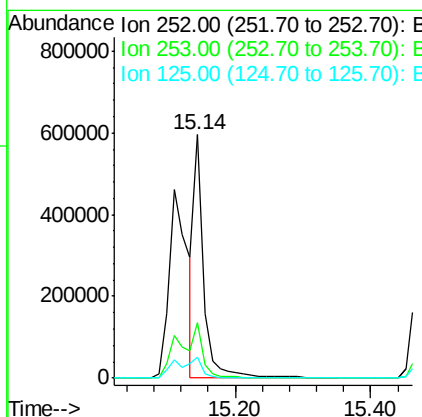
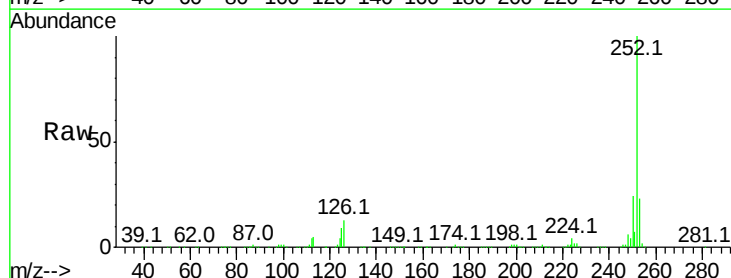
RT: 15.14 min Scan# 1138

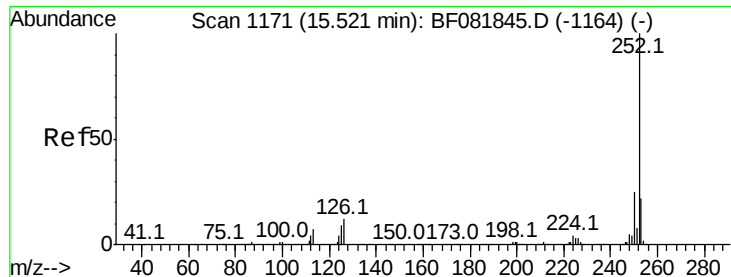
Delta R.T. -0.03 min

Lab File: BF082015.D

Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	8.8	16.0	24.0#





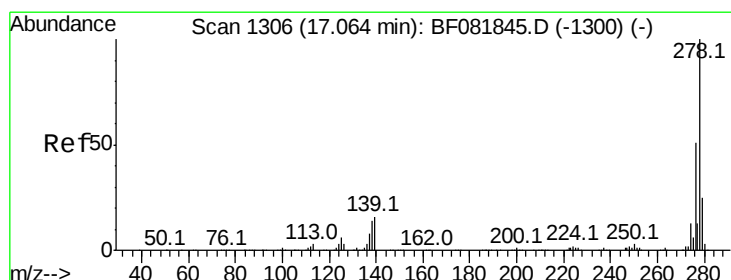
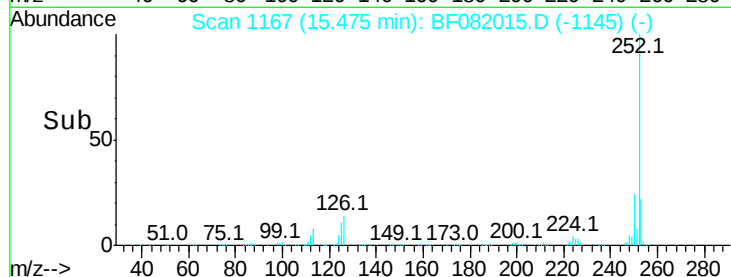
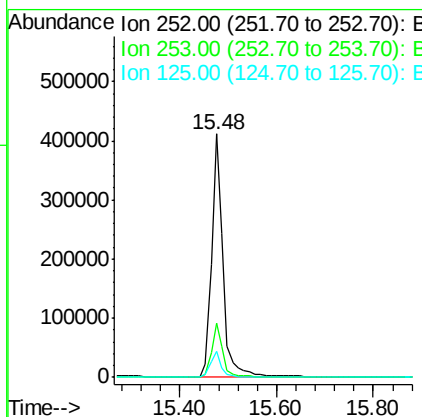
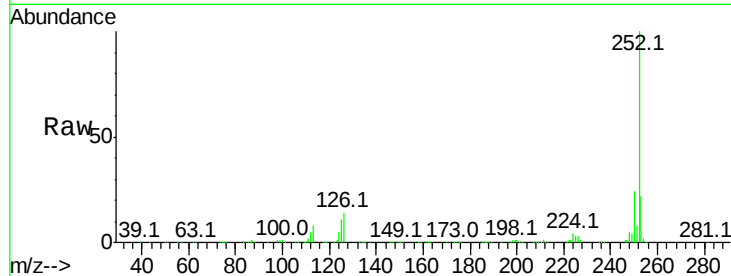
#89
Benzo(a)pyrene
Concen: 46.12 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.05 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.6	18.0	27.0

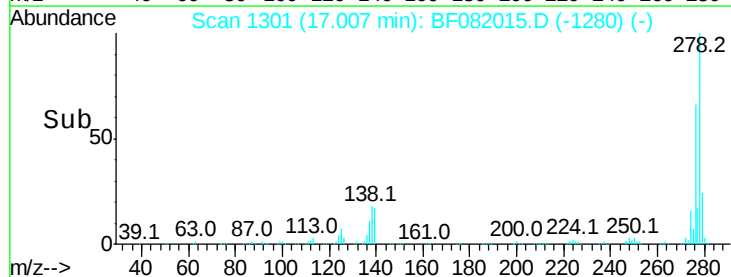
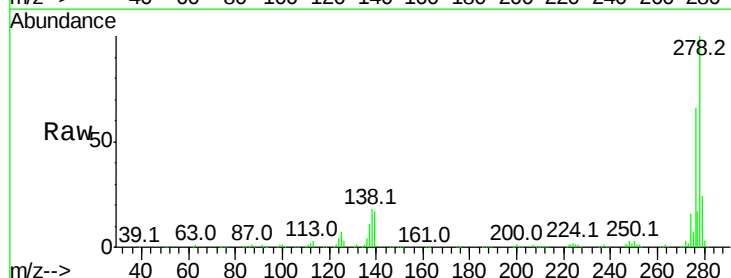
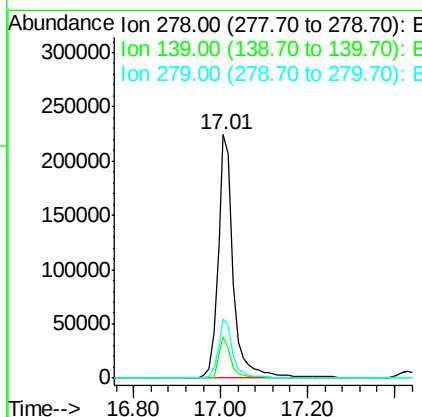
Manual Integrations
APPROVED

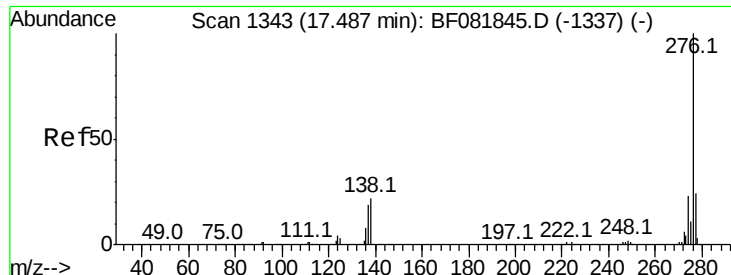
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10/5/2015 6:29:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.76 ng
RT: 17.01 min Scan# 1301
Delta R.T. -0.06 min
Lab File: BF082015.D
Acq: 3 Oct 2015 10:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	26.3	39.5
279	24.2	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.36 ng
 RT: 17.43 min Scan# 1338
 Delta R.T. -0.06 min
 Lab File: BF082015.D
 Acq: 3 Oct 2015 10:30

Instrument :
 BNA_F
 ClientSampleId :
 B-2D(3.5-4)MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.9	17.8	26.6
138	21.7	34.6	51.8#

Manual Integrations
 APPROVED

MMDADODA
 10/5/2015 6:29:06 PM

