

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083380.D
 Acq On : 1 Dec 2015 18:56
 Operator : UM/IZ
 Sample : PB87006BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Manual Integrations
 APPROVED

Mmdadoda
 12/2/2015 6:12:50 PM

Quant Time: Dec 02 03:34:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	153380	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	592448	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	304296	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	569116	20.00	ng	0.00
75) Chrysene-d12	14.76	240	513814	20.00	ng	0.00
86) Perylene-d12	16.82	264	391046	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	1201102	117.51	ng	0.02
7) Phenol-d6	6.22	99	1593282	113.88	ng	0.00
23) Nitrobenzene-d5	7.13	82	1034668	76.77	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	340185	111.37	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1600026	74.93	ng	0.00
78) Terphenyl-d14	13.22	244	1606012	74.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	188262	34.01	ng	# 89
3) Pyridine	2.66	79	460584	33.27	ng	97
4) n-Nitrosodimethylamine	2.61	42	290414	42.62	ng	97
6) Aniline	6.21	93	441575	23.07	ng	93
8) 2-Chlorophenol	6.34	128	479963	42.57	ng	96
9) Benzaldehyde	6.09	77	188314	25.71	ng	96
10) Phenol	6.24	94	723357	42.97	ng	98
11) bis(2-Chloroethyl)ether	6.29	93	509033	41.57	ng	98
12) 1,3-Dichlorobenzene	6.49	146	517998	41.33	ng	98
13) 1,4-Dichlorobenzene	6.57	146	531156	41.00	ng	98
14) 1,2-Dichlorobenzene	6.72	146	466624m	39.26	ng	
15) Benzyl Alcohol	6.72	79	467383	43.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	903900	42.07	ng	# 42
17) 2-Methylphenol	6.84	107	408504	43.47	ng	97
18) Hexachloroethane	7.06	117	186065	41.36	ng	94
19) n-Nitroso-di-n-propylamine	6.98	70	395166	39.51	ng	# 87
20) 3+4-Methylphenols	7.00	107	536139	42.12	ng	98
22) Acetophenone	6.97	105	681177	38.43	ng	# 92
24) Nitrobenzene	7.14	77	552028	38.36	ng	# 86
25) Isophorone	7.39	82	1039176	39.81	ng	98
26) 2-Nitrophenol	7.46	139	234814	39.97	ng	96
27) 2,4-Dimethylphenol	7.53	122	432450	43.91	ng	100
28) bis(2-Chloroethoxy)methane	7.61	93	627011	42.18	ng	98
29) 2,4-Dichlorophenol	7.71	162	404566	42.71	ng	98
30) 1,2,4-Trichlorobenzene	7.78	180	405668	39.35	ng	95
31) Naphthalene	7.86	128	1326829	41.28	ng	99
32) Benzoic acid	7.68	122	262231	38.60	ng	98
33) 4-Chloroaniline	7.93	127	167200	12.07	ng	98
34) Hexachlorobutadiene	7.98	225	235813	40.28	ng	98
35) Caprolactam	8.30	113	133096m	44.47	ng	
36) 4-Chloro-3-methylphenol	8.43	107	457748	43.09	ng	88
37) 2-Methylnaphthalene	8.54	142	847124m	39.43	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	369630	38.32	ng	97
40) Hexachlorocyclopentadiene	8.70	237	365272	79.72	ng	99

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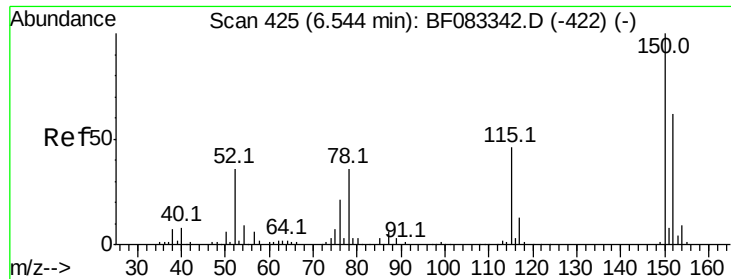
Manual Integrations
 APPROVED

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 12/2/2015 6:12:50 PM

Quant Time: Dec 02 03:34:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
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 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	278283	41.13	nq	98
43) 2,4,5-Trichlorophenol	8.89	196	297583	42.45	nq	93
45) 1,1'-Biphenyl	9.01	154	998597	37.42	nq	95
46) 2-Chloronaphthalene	9.04	162	833991	41.01	nq	99
47) 2-Nitroaniline	9.15	65	327801	40.70	nq	98
48) Acenaphthylene	9.45	152	1293010	39.86	nq	99
49) Dimethylphthalate	9.33	163	948104	38.34	nq	99
50) 2,6-Dinitrotoluene	9.39	165	228936	43.35	nq	93
51) Acenaphthene	9.62	154	777424	40.75	nq	100
52) 3-Nitroaniline	9.56	138	123427	19.94	nq	87
53) 2,4-Dinitrophenol	9.66	184	227616	70.55	nq	# 86
54) Dibenzofuran	9.79	168	1119885	40.06	nq	99
55) 4-Nitrophenol	9.76	139	297780	76.91	nq	# 84
56) 2,4-Dinitrotoluene	9.79	165	265810	39.67	nq	92
57) Fluorene	10.13	166	900911	40.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	236784	41.86	nq	100
59) Diethylphthalate	10.03	149	926295	39.30	nq	100
60) 4-Chlorophenyl-phenylether	10.13	204	429324	42.32	nq	99
61) 4-Nitroaniline	10.18	138	240765	38.88	nq	99
62) Azobenzene	10.29	77	1255539	44.09	nq	98
64) 4,6-Dinitro-2-methylphenol	10.20	198	170921	44.73	nq	97
65) n-Nitrosodiphenylamine	10.26	169	853543	42.68	nq	98
66) 4-Bromophenyl-phenylether	10.64	248	269183	43.24	nq	99
67) Hexachlorobenzene	10.70	284	291198	42.30	nq	97
68) Atrazine	10.83	200	266936	48.26	nq	95
69) Pentachlorophenol	10.92	266	306335	84.96	nq	98
70) Phenanthrene	11.16	178	1430470	42.47	nq	99
71) Anthracene	11.22	178	1468602	43.31	nq	100
72) Carbazole	11.41	167	1294160	42.48	nq	99
73) Di-n-butylphthalate	11.86	149	1551219	42.97	nq	100
74) Fluoranthene	12.66	202	1461499	41.86	nq	99
76) Benzidine	12.87	184	516894	33.78	nq	99
77) Pyrene	12.97	202	1511416	42.12	nq	98
79) Butylbenzylphthalate	13.96	149	663402	43.58	nq	95
80) Benzo(a)anthracene	14.74	228	1326909	42.15	nq	99
81) 3,3'-Dichlorobenzidine	14.73	252	264829	26.93	nq	99
82) Chrysene	14.80	228	1193696	39.25	nq	100
83) Bis(2-ethylhexyl)phthalate	14.88	149	926458	45.37	nq	100
84) Di-n-octyl phthalate	15.84	149	1491315	49.05	nq	100
85) Indeno(1,2,3-cd)pyrene	18.20	276	935861	42.25	nq	100
87) Benzo(b)fluoranthene	16.31	252	1079611	43.03	nq	98
88) Benzo(k)fluoranthene	16.35	252	964277	40.70	nq	99
89) Benzo(a)pyrene	16.75	252	939504	43.59	nq	99
90) Dibenzo(a,h)anthracene	18.23	278	773913	41.21	nq	99
91) Benzo(g,h,i)perylene	18.57	276	756695	41.06	nq	# 94

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



#1

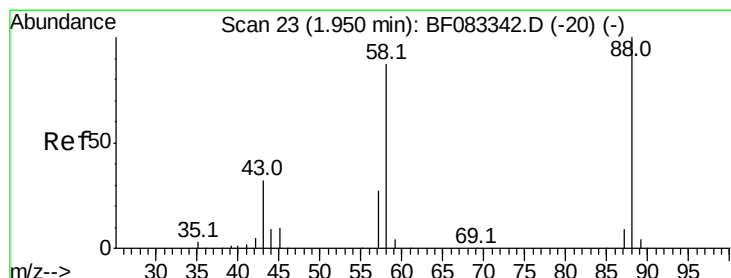
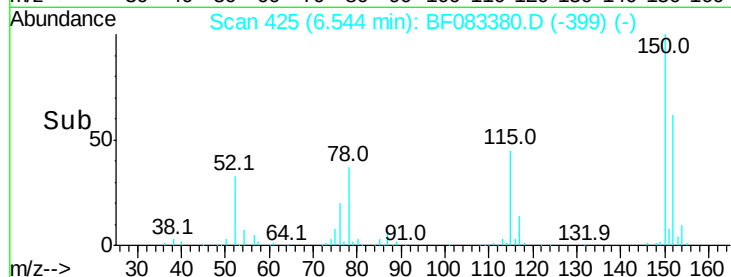
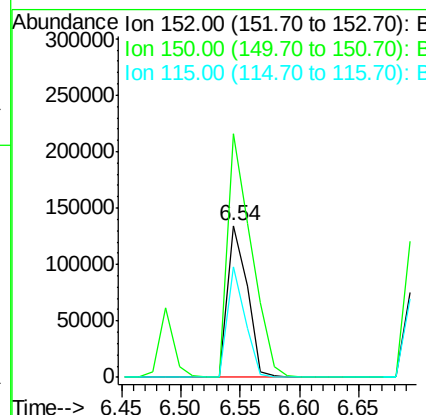
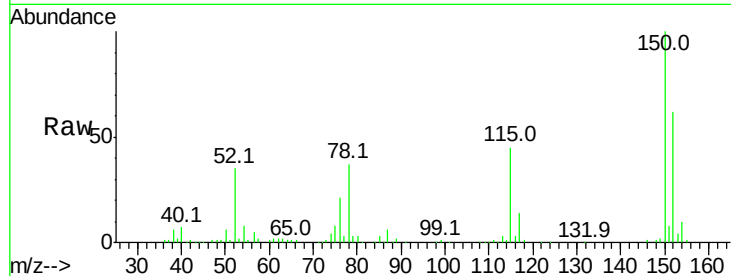
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
150	160.1	129.8	194.8	
115	72.5	59.2	88.8	

Manual Integrations
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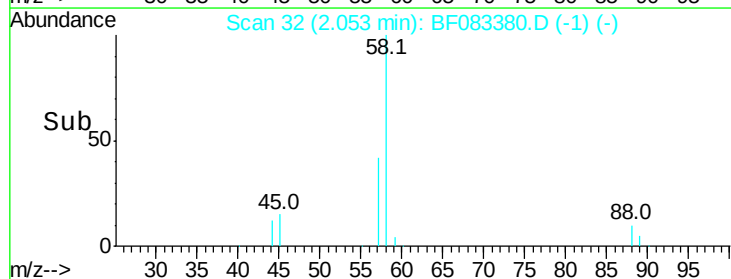
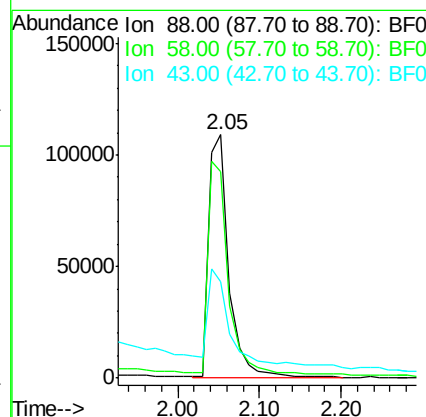
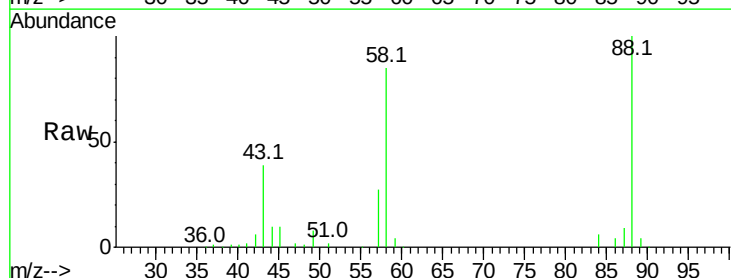
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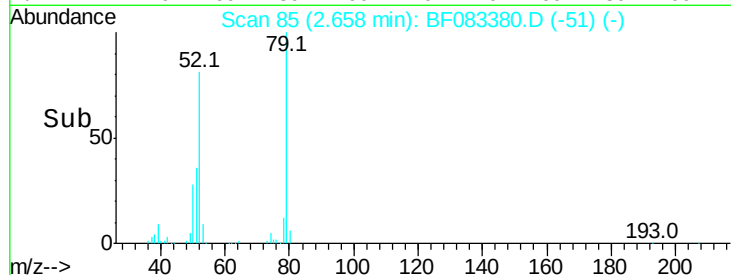
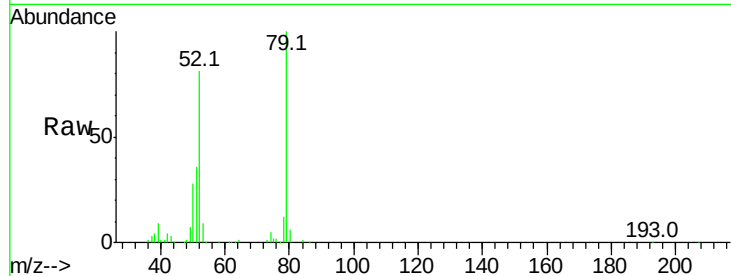
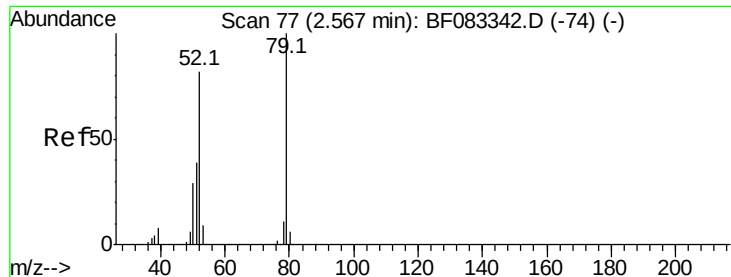


#2

1,4-Dioxane
Concen: 34.01 ng
RT: 2.05 min Scan# 32
Delta R.T. 0.10 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
88	100			
58	88.3	66.6	100.0	
43	47.2	27.1	40.7#	





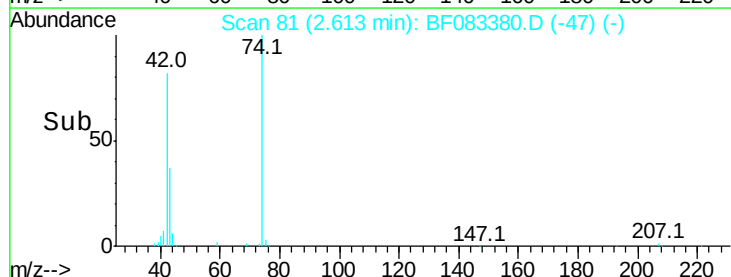
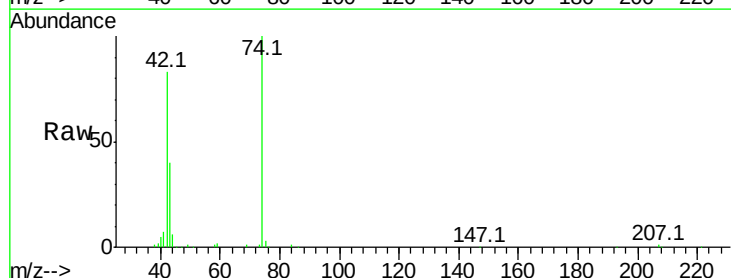
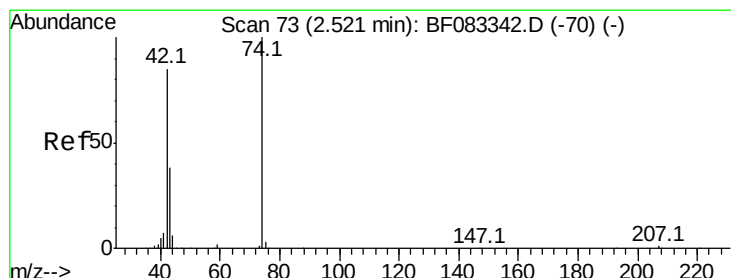
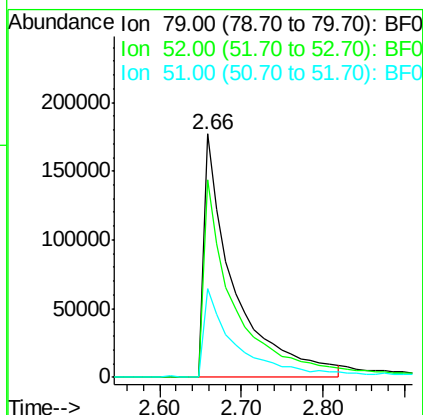
#3
 Pvridine
 Concen: 33.27 ng
 RT: 2.66 min Scan# 85
 Delta R.T. 0.09 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.2	65.9	98.9
51	36.5	32.3	48.5

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

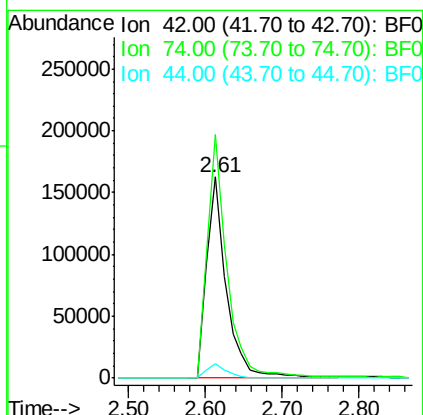
Manual Integrations
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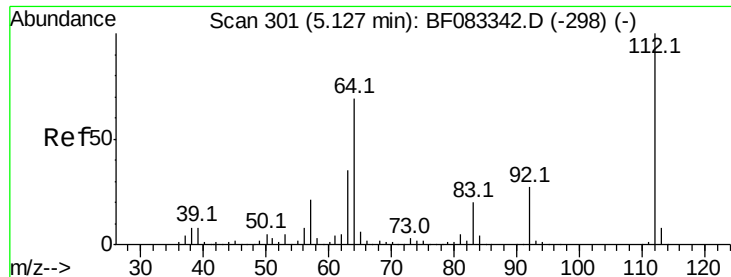
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#4
 n-Nitrosodimethylamine
 Concen: 42.62 ng
 RT: 2.61 min Scan# 81
 Delta R.T. 0.09 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.1	93.7	140.5
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 117.51 ng

RT: 5.15 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

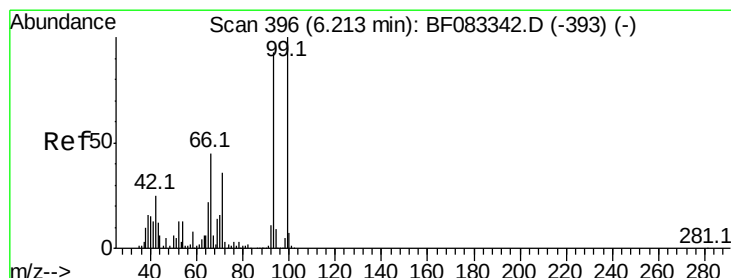
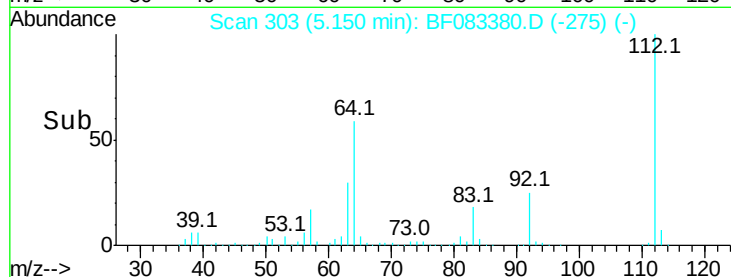
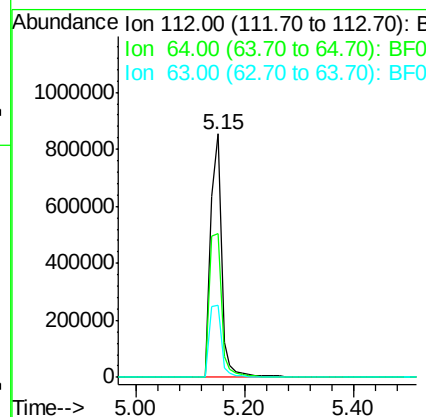
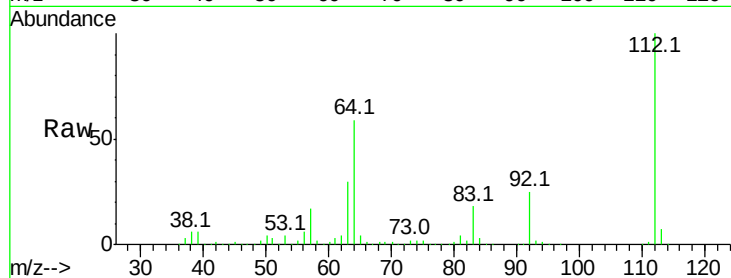
ClientSampleId :

PB87006BS

Tot Ion:	112	Resp:	1201102
Ion Ratio	Lower	Upper	
112	100		
64	59.0	55.6	83.4
63	29.9	28.2	42.2

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#6

Aniline

Concen: 23.07 ng

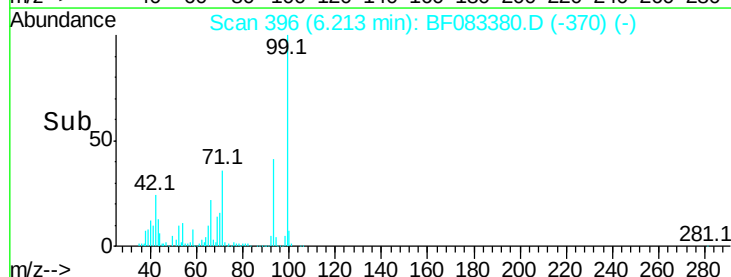
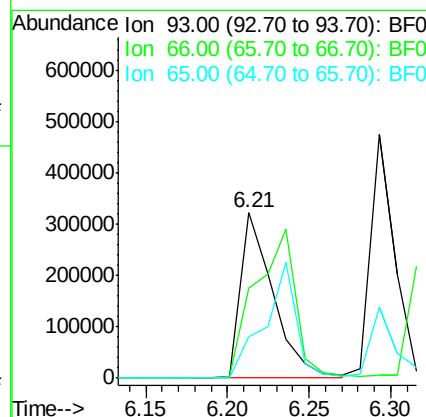
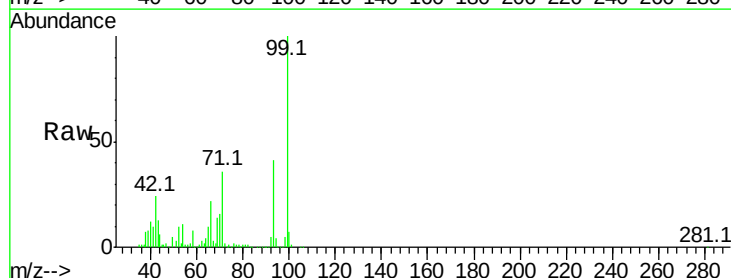
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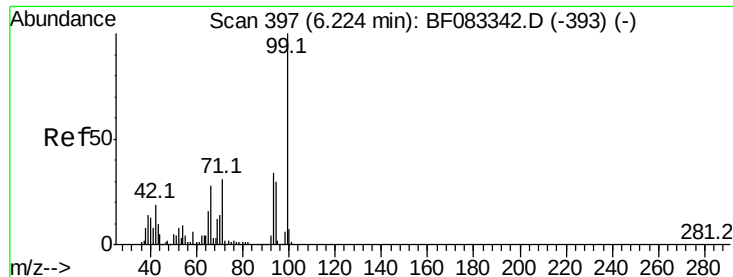
Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Tgt Ion:	93	Resp:	441575
Ion Ratio	Lower	Upper	
93	100		
66	54.5	38.7	58.1
65	25.1	19.0	28.6





#7

Phenol-d6

Concen: 113.88 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

ClientSampleId :

PB87006BS

Tot Ion: 99 Resp: 1593282

Ion Ratio Lower Upper

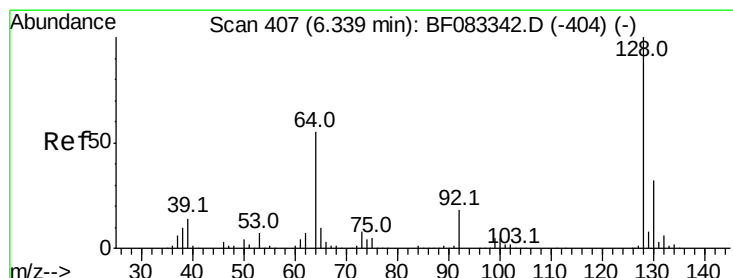
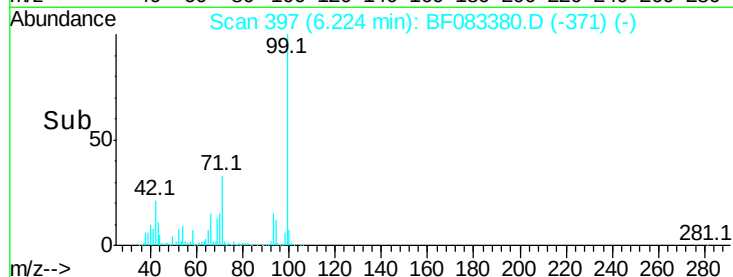
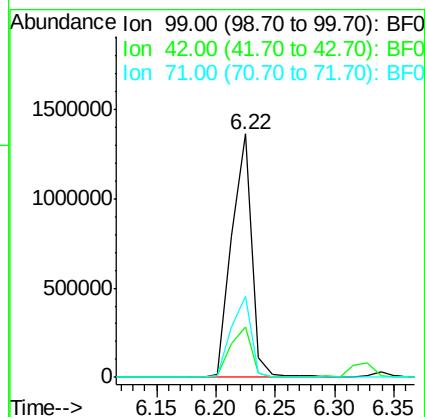
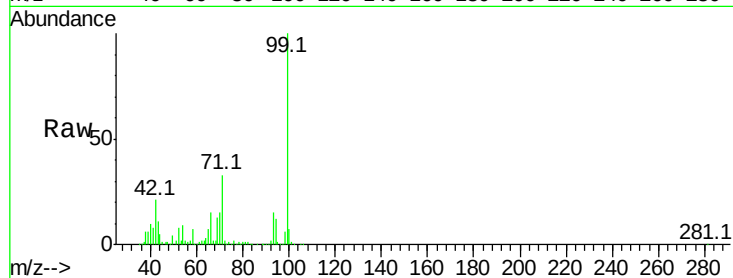
99 100

42 20.6 14.9 22.3

71 33.2 24.7 37.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.57 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

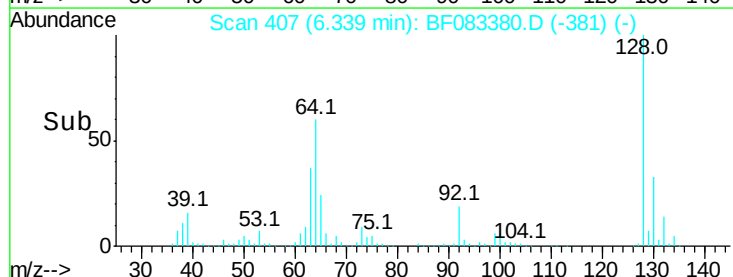
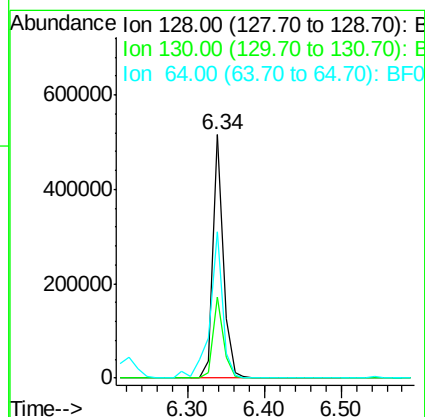
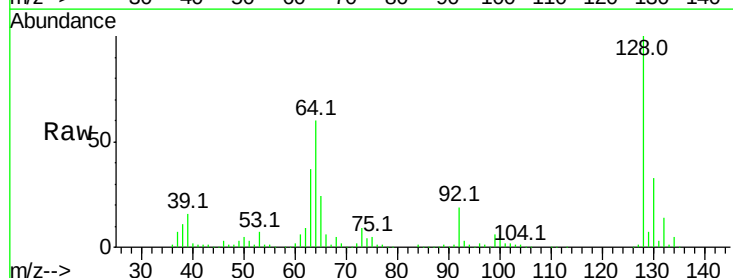
Tgt Ion: 128 Resp: 479963

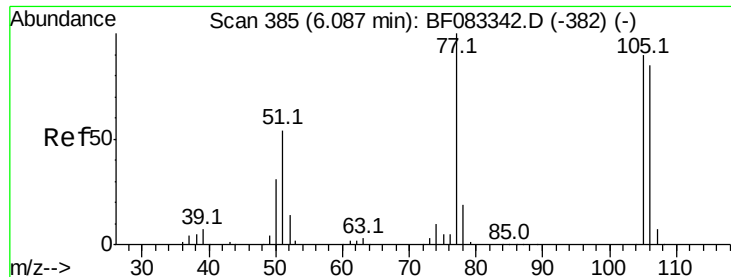
Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

64 60.2 36.4 76.4





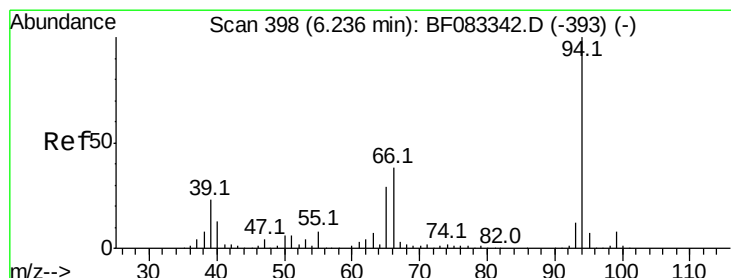
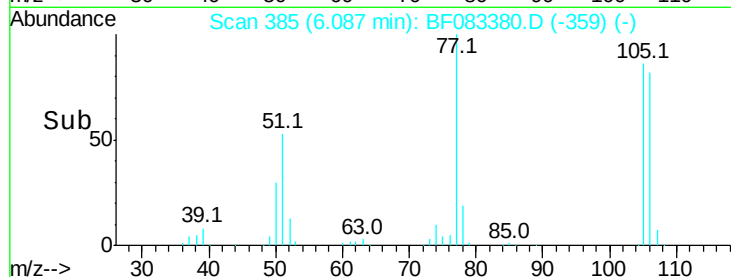
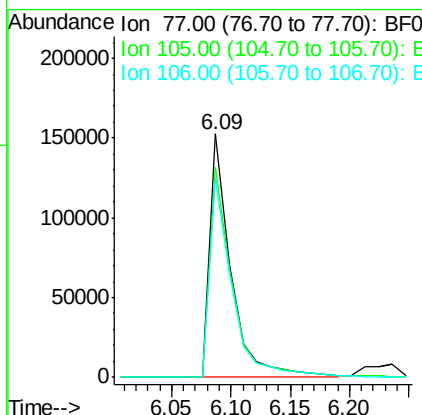
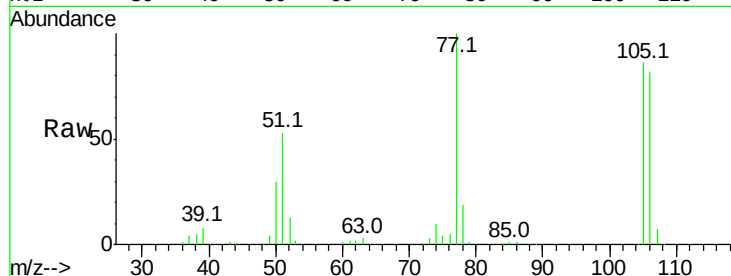
#9
Benzaldehyde
Concen: 25.71 ng
RT: 6.09 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	86.4	70.0	110.0
106	81.5	65.0	105.0

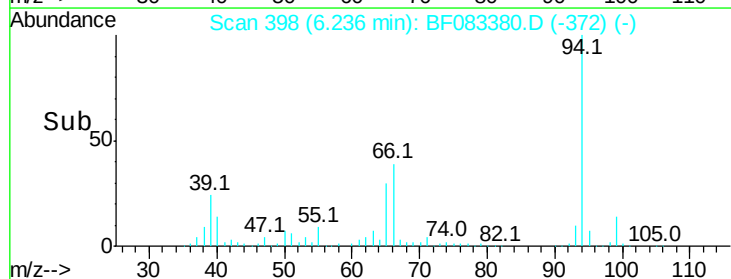
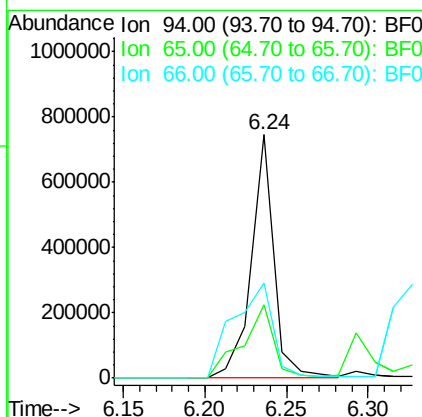
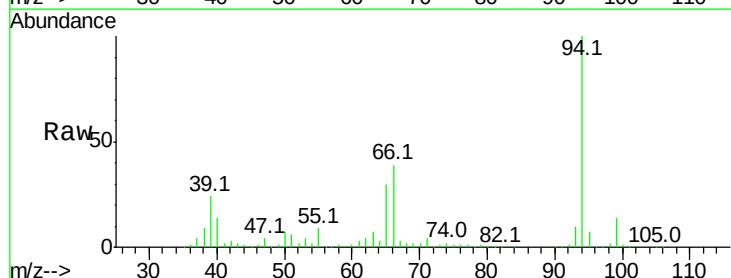
Manual Integrations
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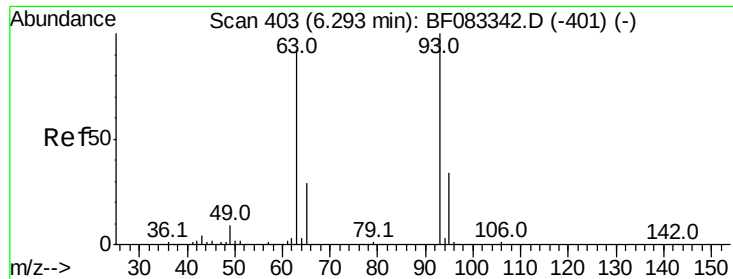
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12/2/2015 6:12:50 PM



#10
Phenol
Concen: 42.97 ng
RT: 6.24 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.3	9.5	49.5
66	38.9	17.9	57.9





#11

bis(2-Chloroethyl)ether

Concen: 41.57 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

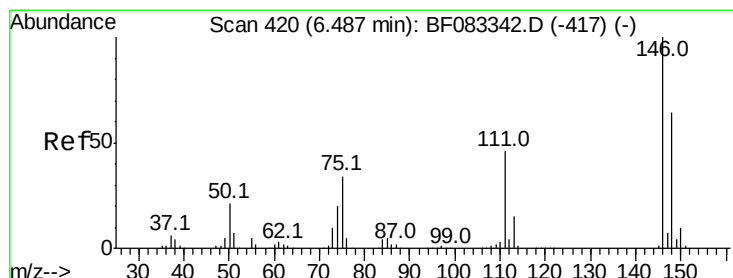
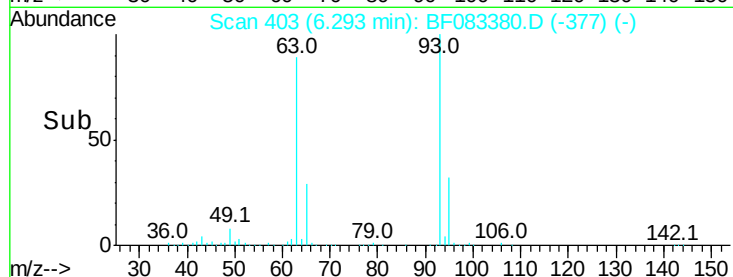
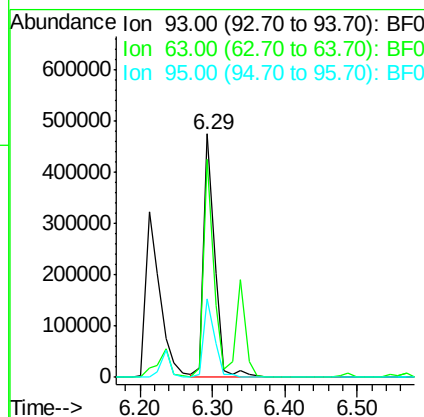
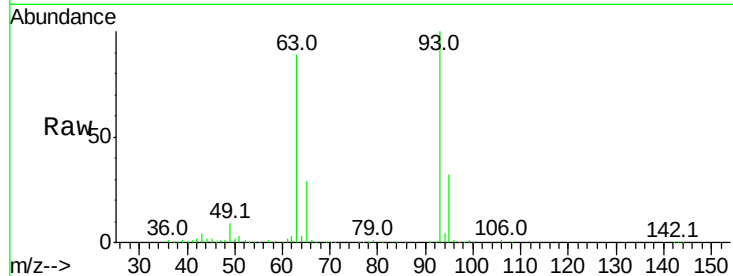
ClientSampleId :

PB87006BS

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Tot Ion	93	Resp	509033
Ion Ratio	100	Lower	Upper
93	100		
63	89.4	71.4	111.4
95	32.4	13.4	53.4



#12

1,3-Dichlorobenzene

Concen: 41.33 ng

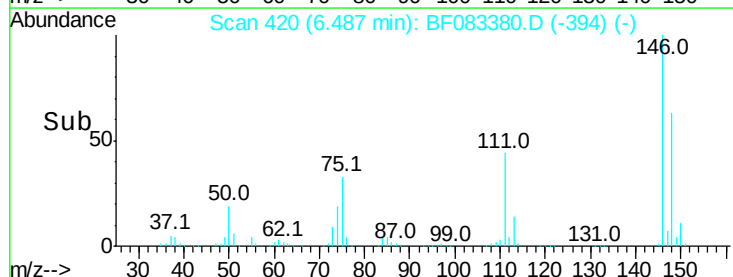
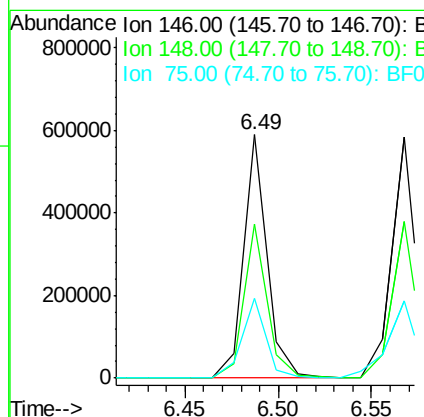
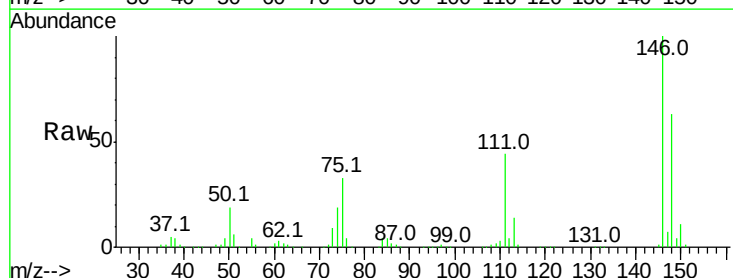
RT: 6.49 min Scan# 420

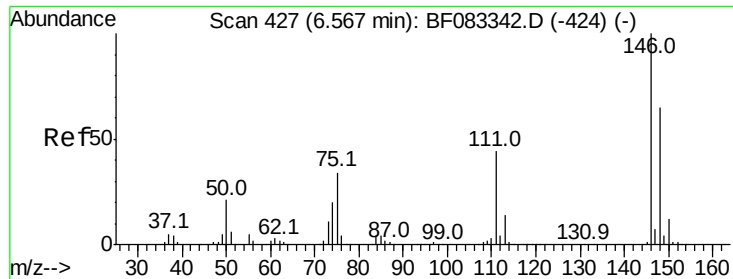
Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Tgt Ion	146	Resp	517998
Ion Ratio	100	Lower	Upper
146	100		
148	63.4	51.1	76.7
75	32.5	27.5	41.3





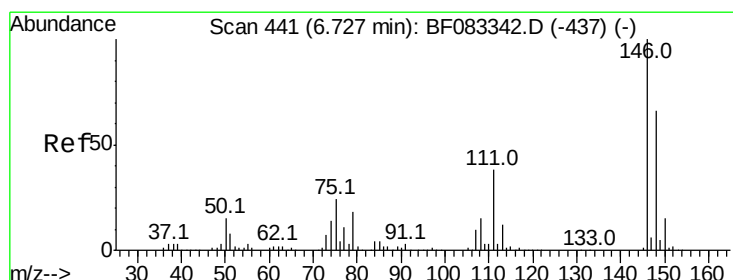
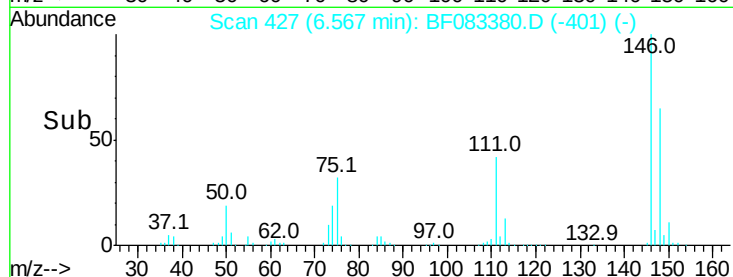
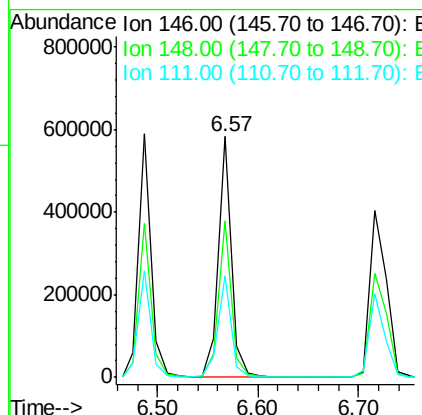
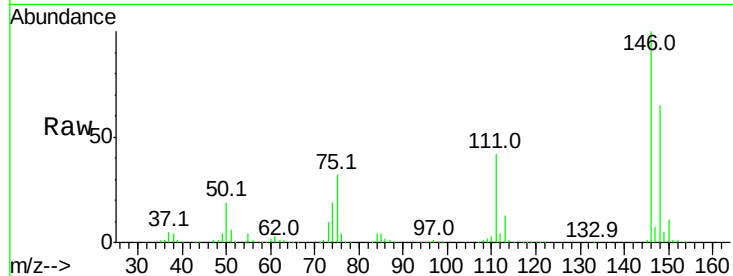
#13
 1,4-Dichlorobenzene
 Concen: 41.00 ng
 RT: 6.57 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.1	78.1
111	42.0	35.4	53.0

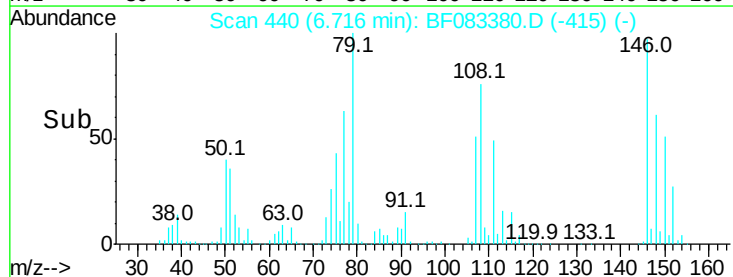
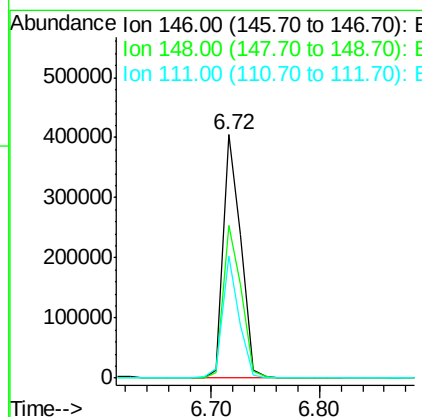
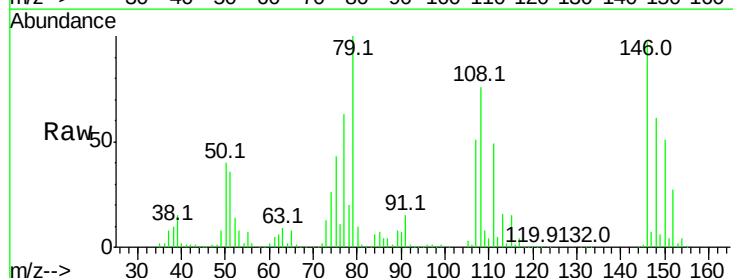
Manual Integrations
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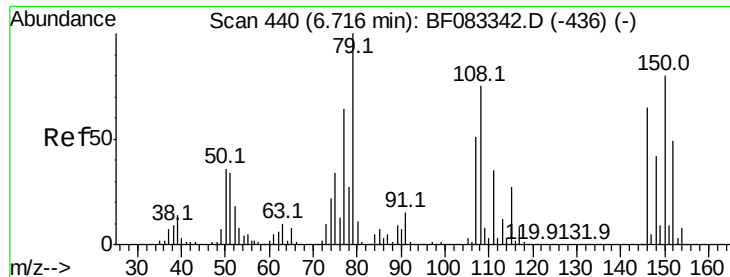
Mmdadoda
 12/2/2015 6:12:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.26 ng m
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.5	78.7
111	50.0	30.6	46.0





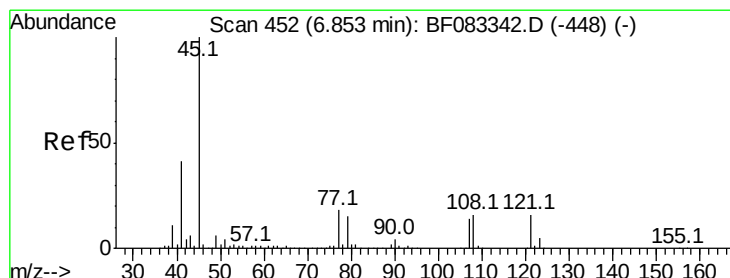
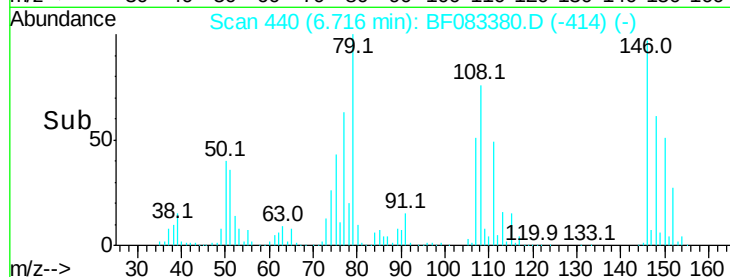
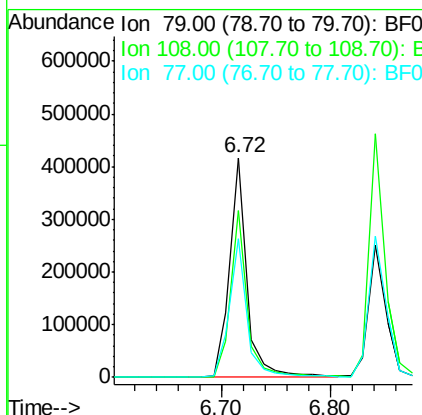
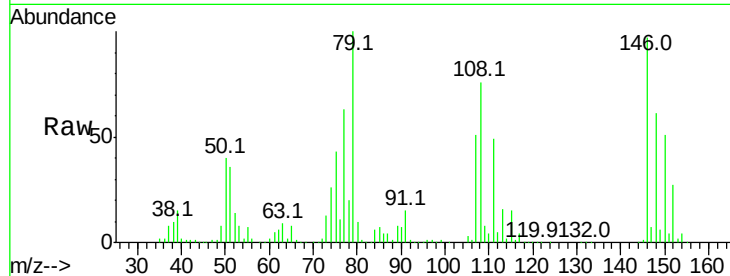
#15
Benzyl Alcohol
Concen: 43.22 ng
RT: 6.72 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Manual Integrations
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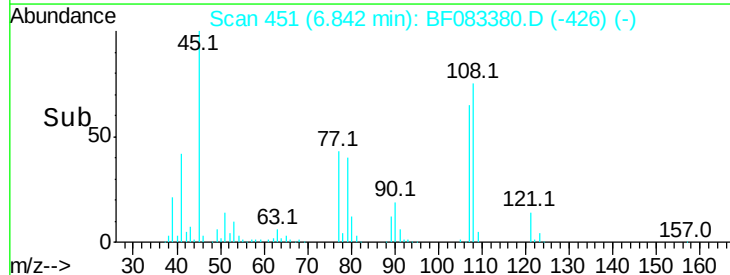
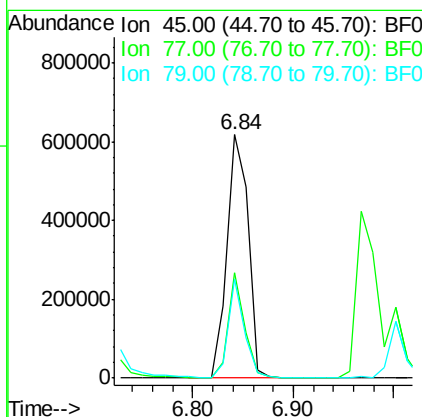
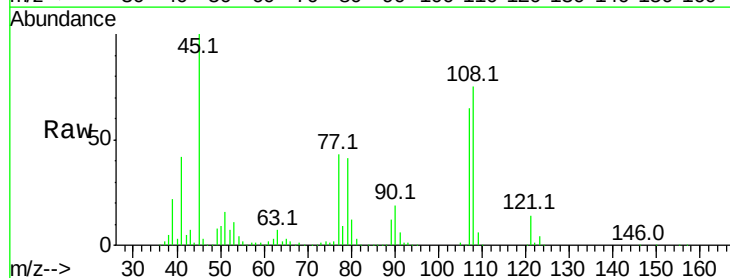
Mmdadoda
12/2/2015 6:12:50 PM

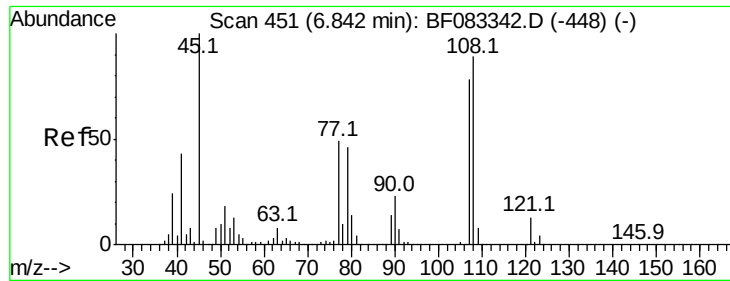
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	59.9	89.9
77	63.1	51.0	76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.07 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	43.3	0.0	38.3#
79	40.5	0.0	35.4#





#17

2-Methylphenol

Concen: 43.47 ng

RT: 6.84 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

ClientSampleId :

PB87006BS

Tot Ion:107 Resp: 408504

Ion Ratio Lower Upper

107 100

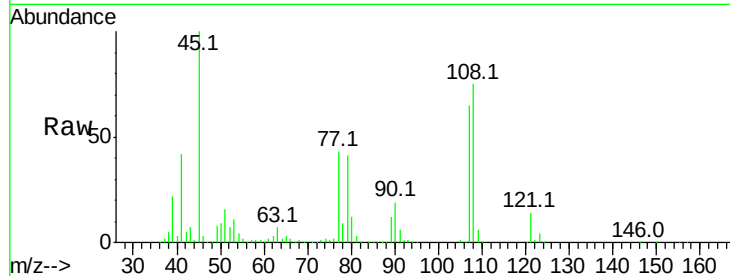
108 115.1 91.6 137.4

77 66.6 49.9 74.9

79 62.4 47.3 70.9

Manual Integrations
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Mmdadoda
12/2/2015 6:12:50 PM

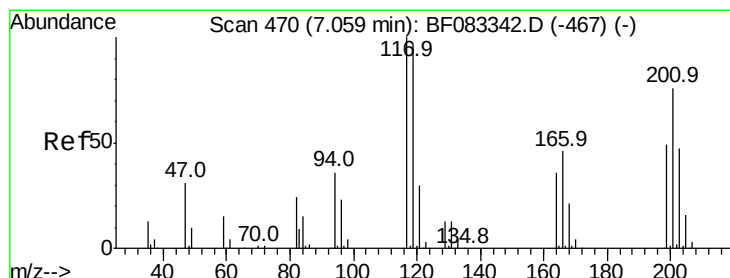
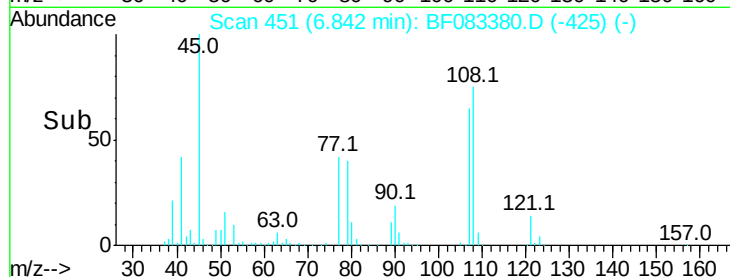
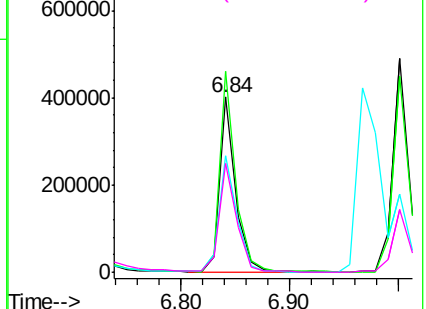


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.36 ng

RT: 7.06 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

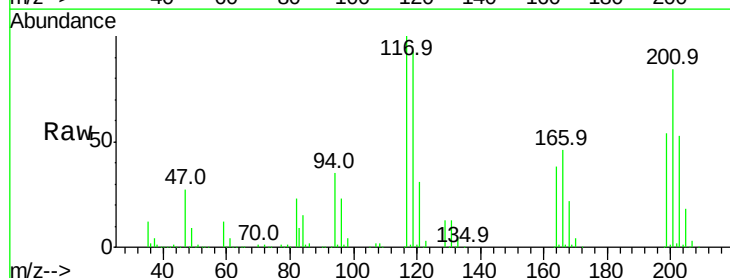
Tgt Ion:117 Resp: 186065

Ion Ratio Lower Upper

117 100

119 93.1 77.3 115.9

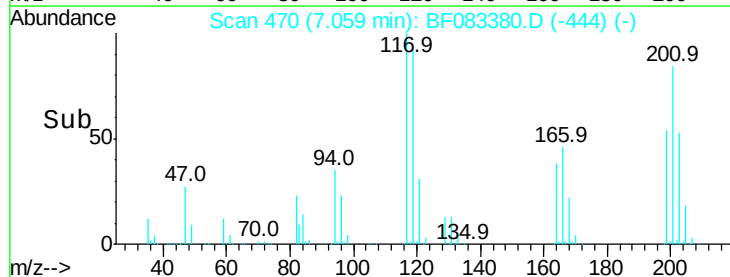
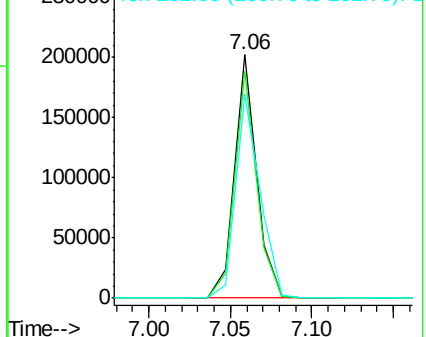
201 83.7 60.6 90.8

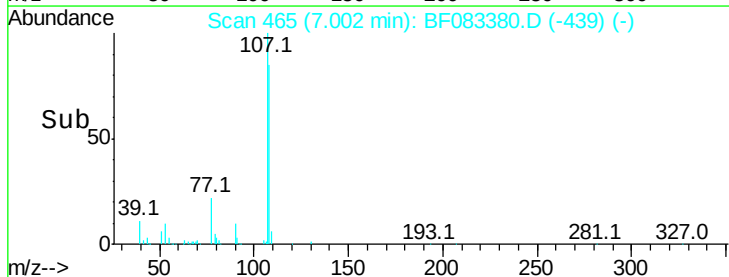
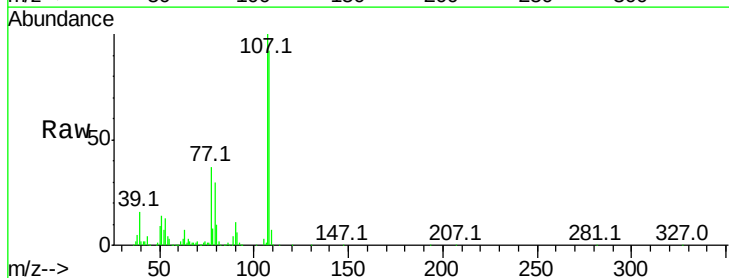
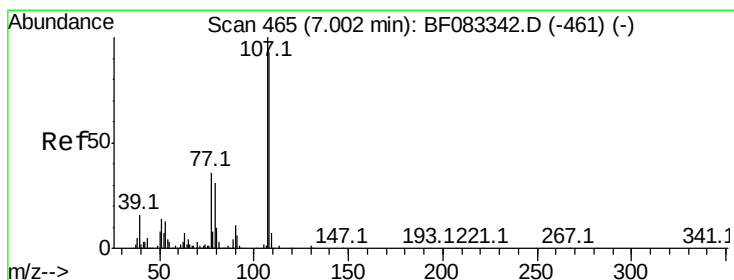
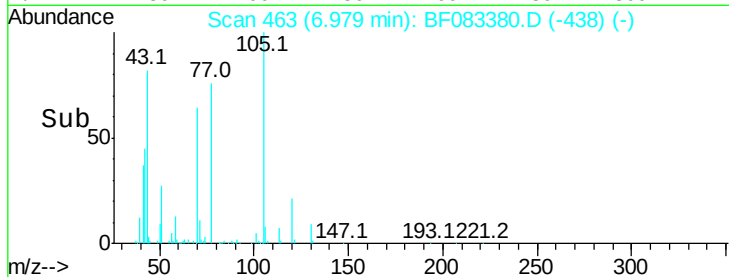
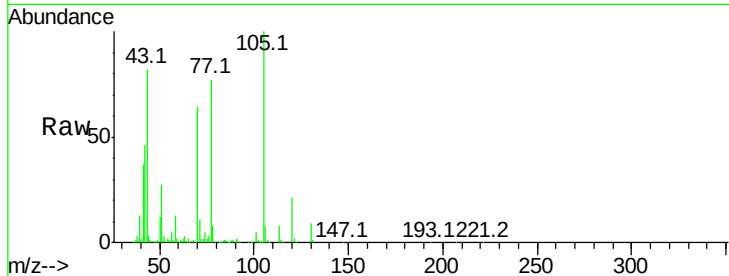
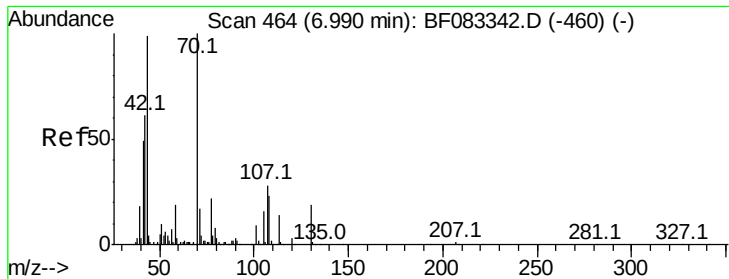


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





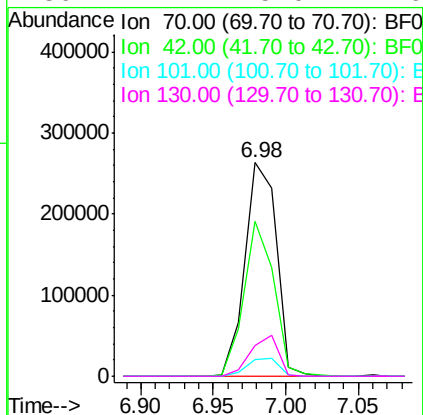
#19
n-Nitroso-di-n-propylamine
Concen: 39.51 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.3	48.8	73.2
101	7.6	7.1	10.7
130	14.4	15.0	22.6

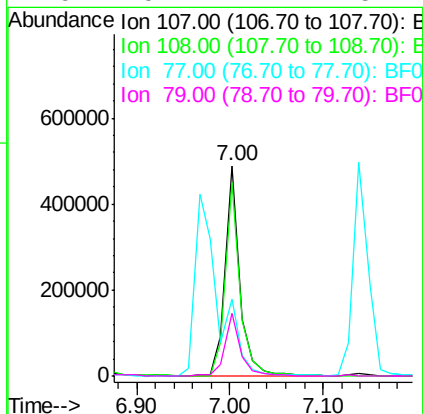
Manual Integrations
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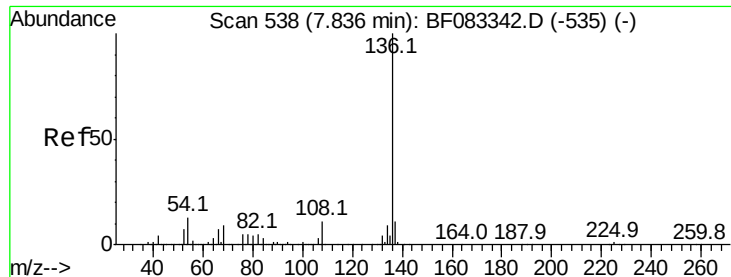
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#20
3+4-Methylphenols
Concen: 42.12 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	73.0	113.0
77	36.6	16.8	56.8
79	29.7	11.4	51.4





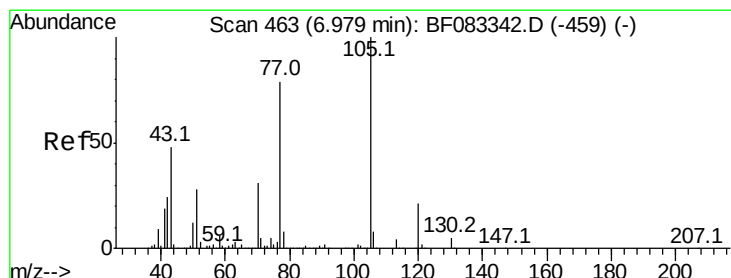
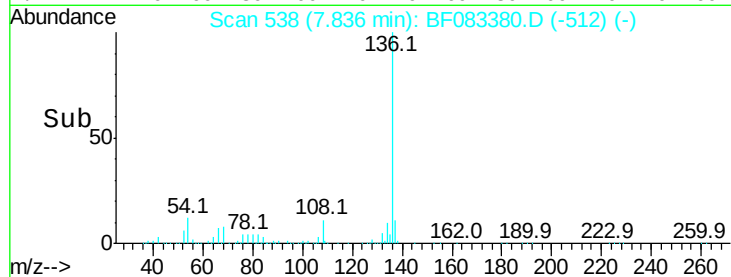
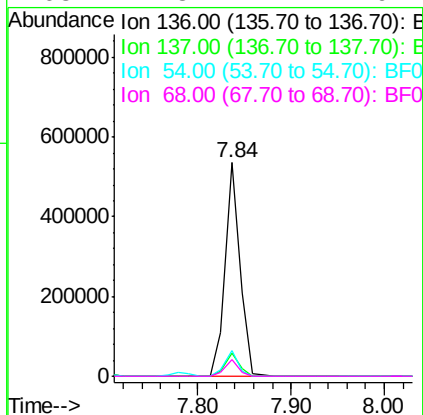
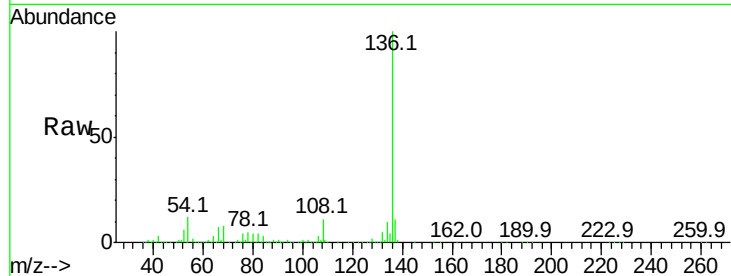
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.0	13.4	
54	11.7	10.1	15.1	
68	7.8	7.1	10.7	

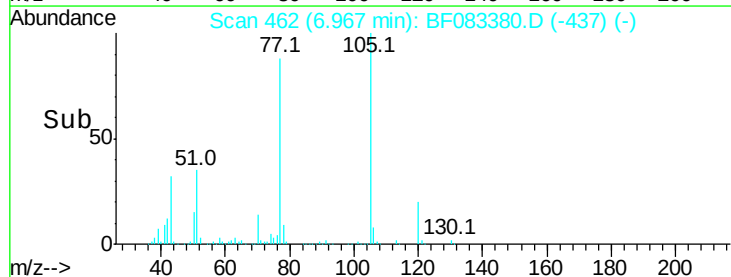
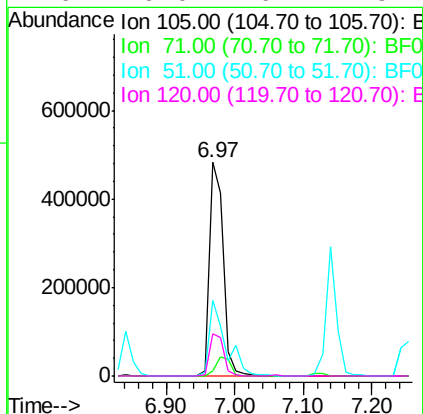
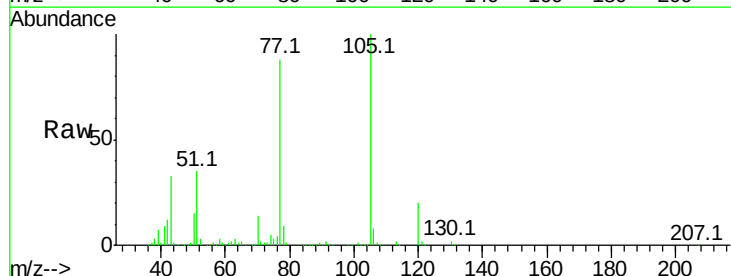
Manual Integrations
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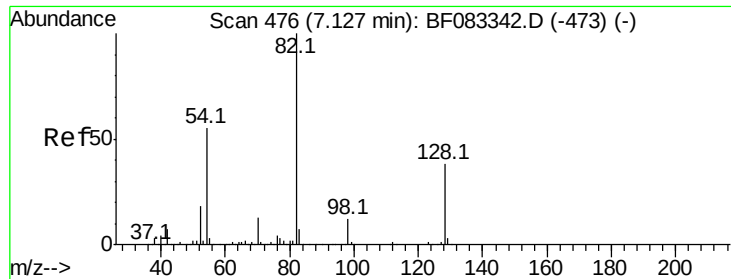
Mmdadoda
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#22
Acetophenone
Concen: 38.43 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.2	4.3	6.5#	
51	35.5	22.9	34.3#	
120	20.0	16.7	25.1	





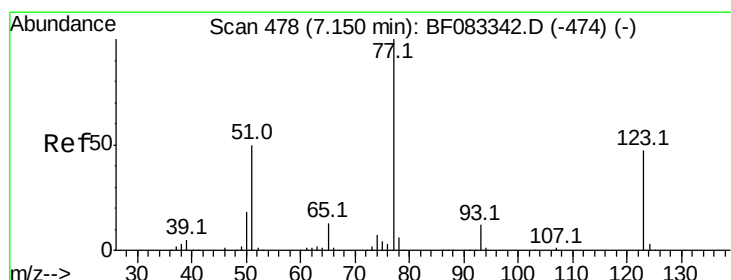
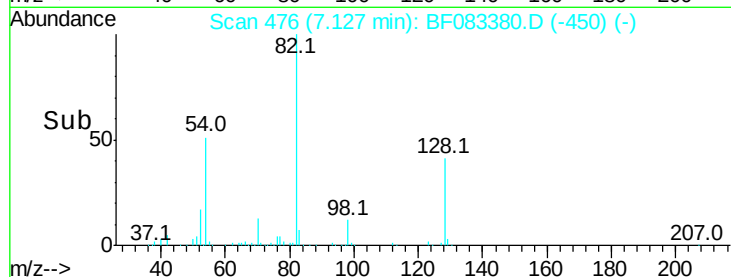
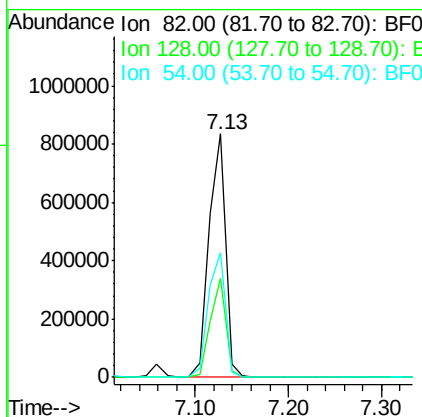
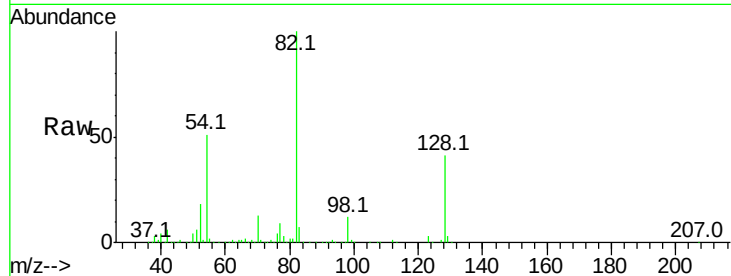
#23
Nitrobenzene-d5
Concen: 76.77 ng
RT: 7.13 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion: 82 Resp: 1034668
Ion Ratio Lower Upper
82 100
128 40.5 30.6 46.0
54 51.4 43.8 65.6

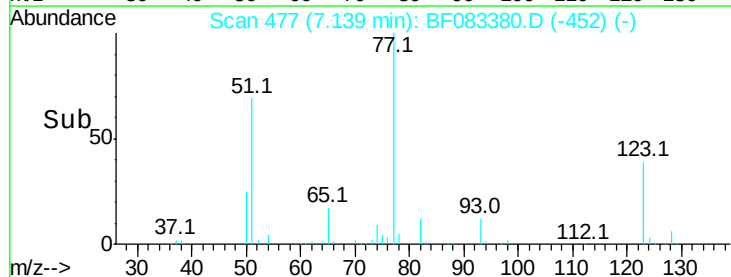
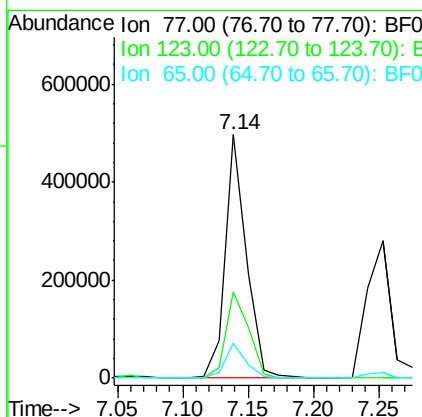
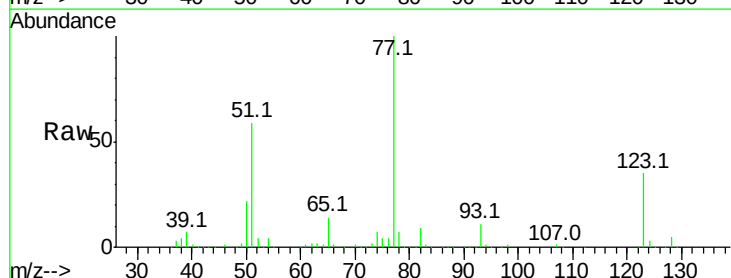
Manual Integrations
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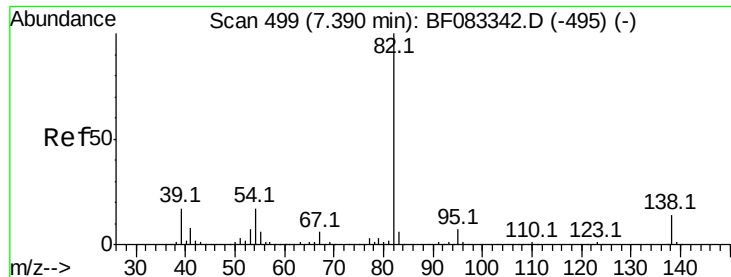
Mmdadoda
12/2/2015 6:12:50 PM



#24
Nitrobenzene
Concen: 38.36 ng
RT: 7.14 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion: 77 Resp: 552028
Ion Ratio Lower Upper
77 100
123 35.5 37.4 56.0#
65 14.4 10.6 15.8





#25

Isophorone

Concen: 39.81 ng

RT: 7.39 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

ClientSampleId :

PB87006BS

Tot Ion: 82 Resp: 1039176

Ion Ratio Lower Upper

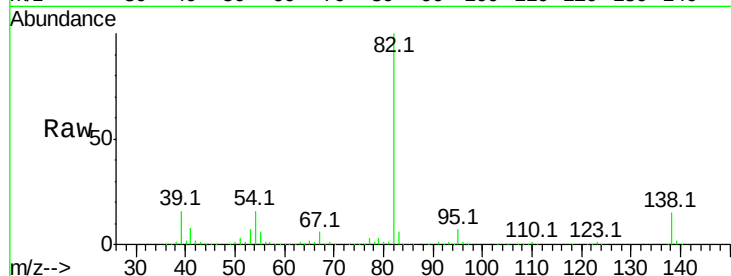
82 100

95 6.6 5.3 7.9

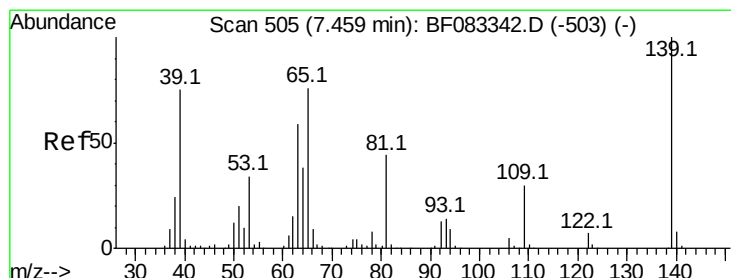
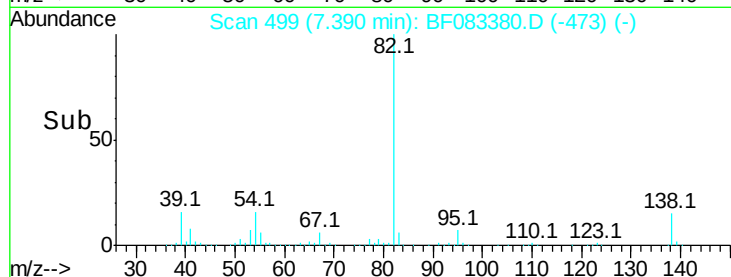
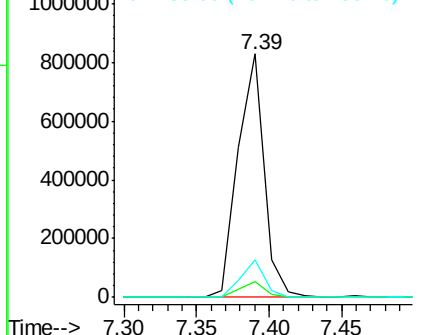
138 15.4 11.6 17.4

Manual Integrations
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Mmdadoda
12/2/2015 6:12:50 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.97 ng

RT: 7.46 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

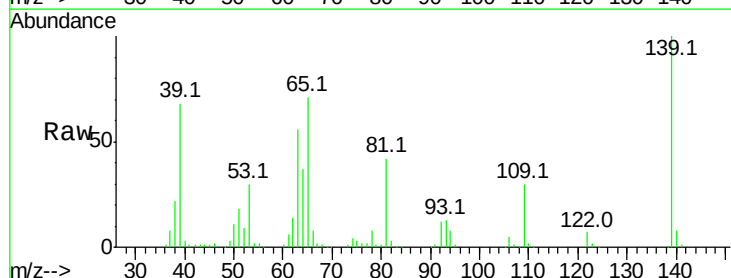
Tgt Ion: 139 Resp: 234814

Ion Ratio Lower Upper

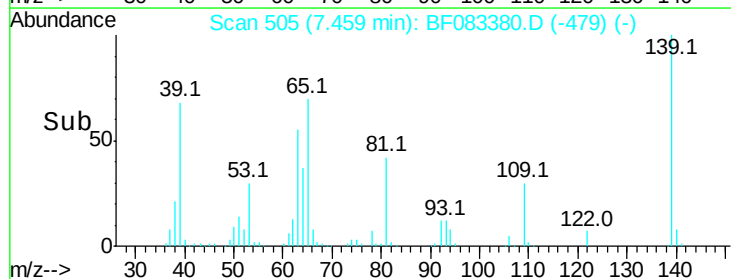
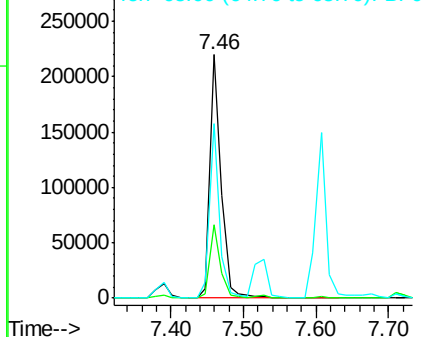
139 100

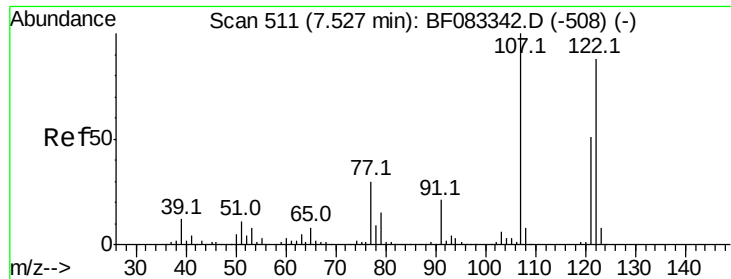
109 30.2 24.2 36.4

65 71.5 61.0 91.6



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





#27

2,4-Dimethylphenol

Concen: 43.91 ng

RT: 7.53 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

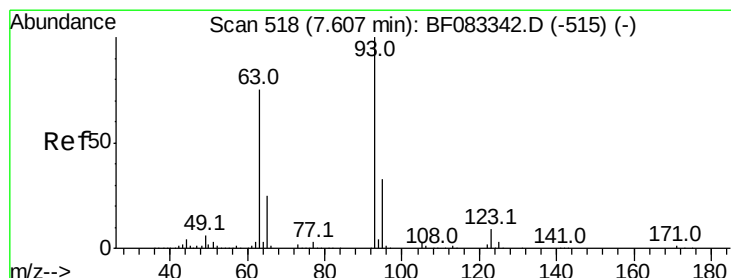
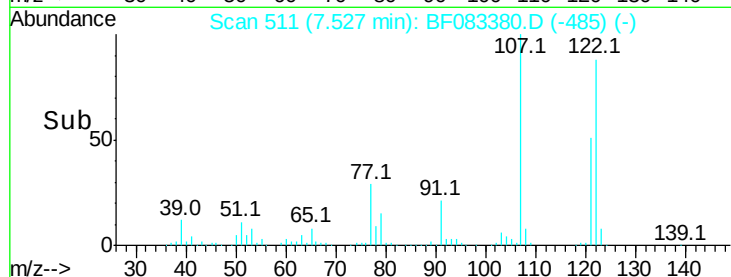
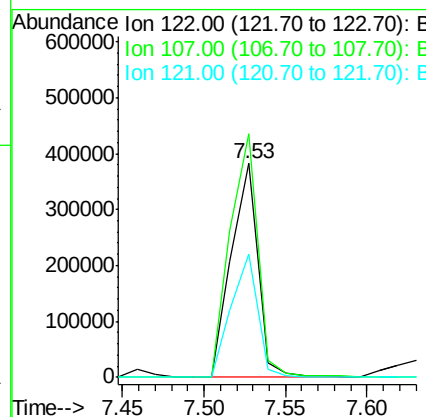
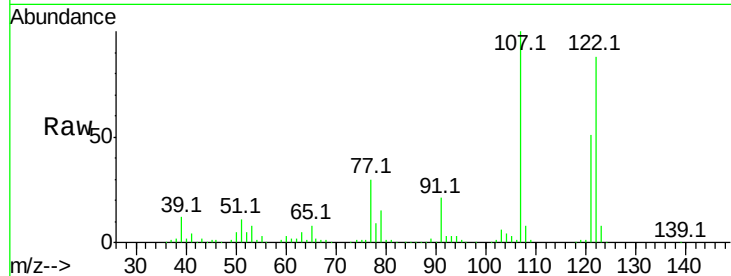
ClientSampleId :

PB87006BS

Tot Ion:	122	Resp:	432450
Ion Ratio	Lower	Upper	
122	100		
107	113.7	91.2	136.8
121	57.6	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 42.18 ng

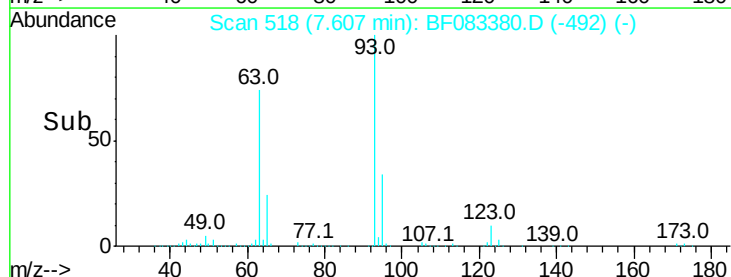
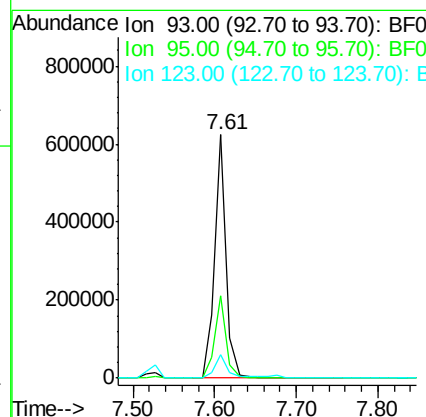
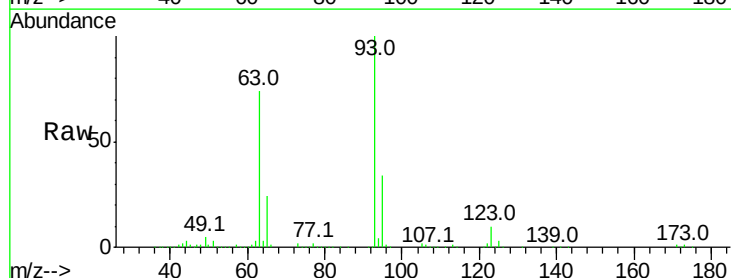
RT: 7.61 min Scan# 518

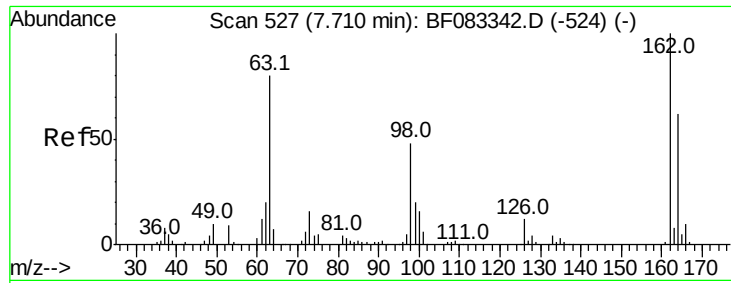
Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Tgt Ion:	93	Resp:	627011
Ion Ratio	Lower	Upper	
93	100		
95	33.8	26.1	39.1
123	9.7	7.4	11.0





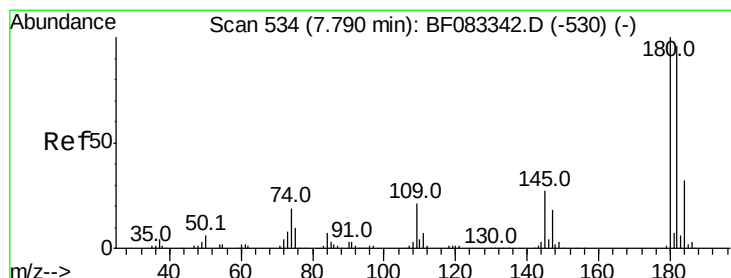
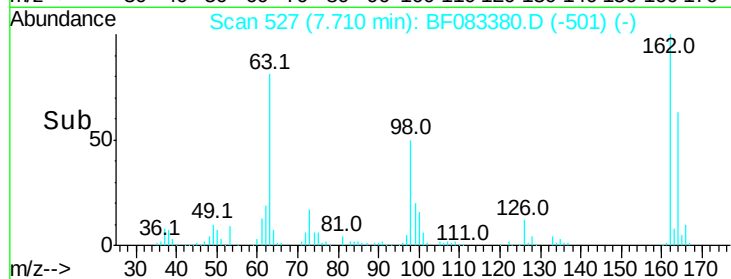
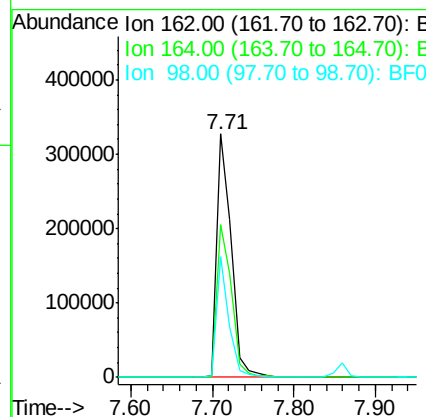
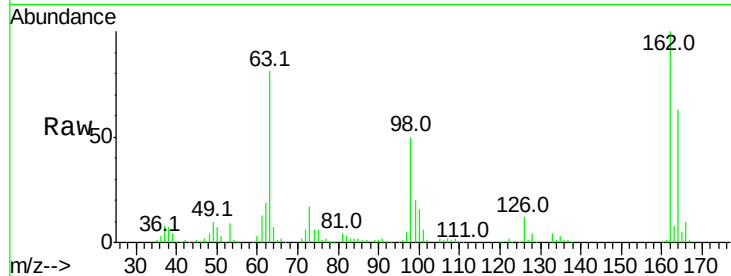
#29
 2,4-Dichlorophenol
 Concen: 42.71 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.7	41.9	81.9
98	49.6	28.1	68.1

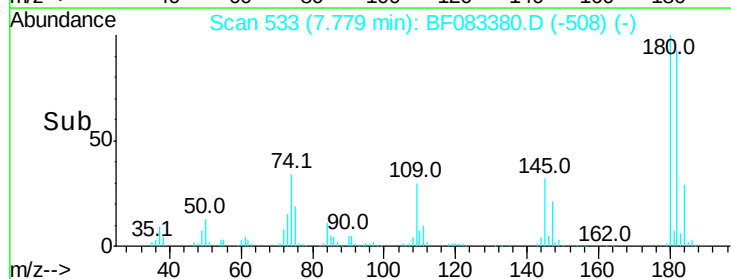
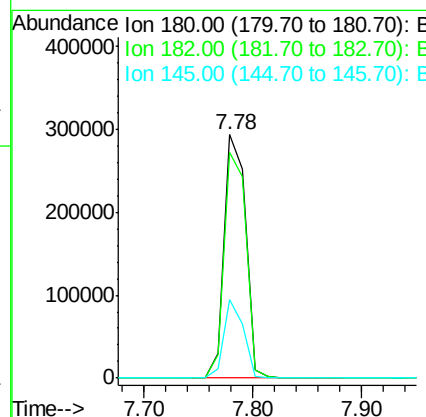
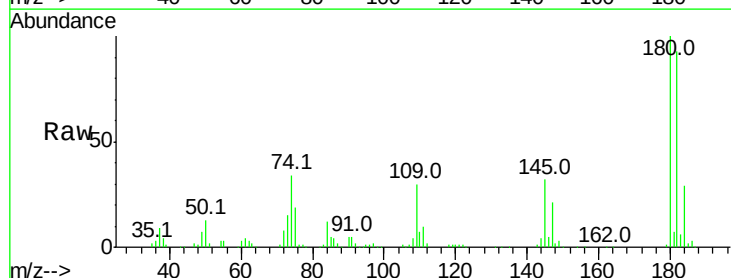
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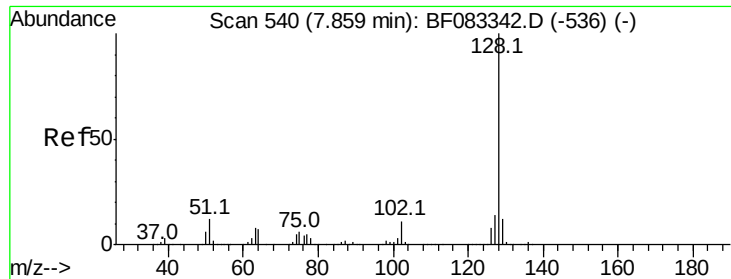
Mmdadoda
 12/2/2015 6:12:50 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.35 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.9	77.2	115.8
145	32.0	21.4	32.2





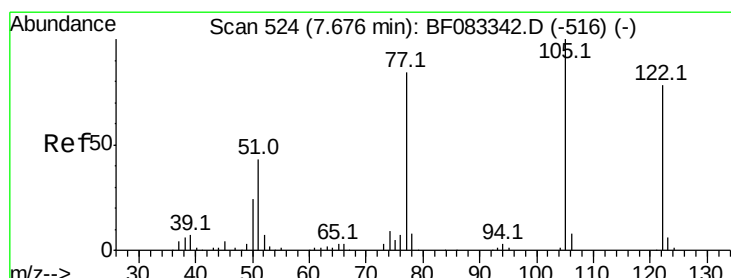
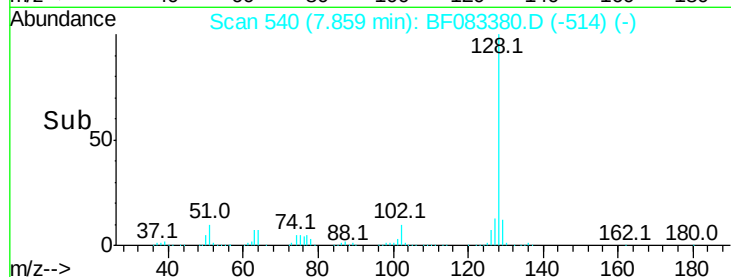
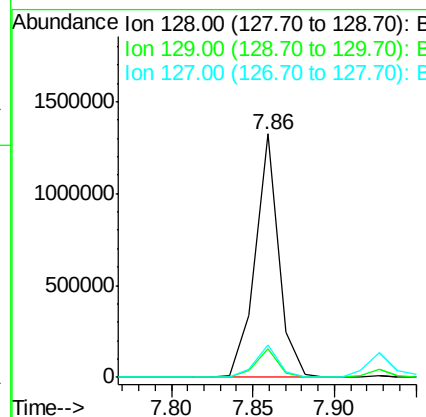
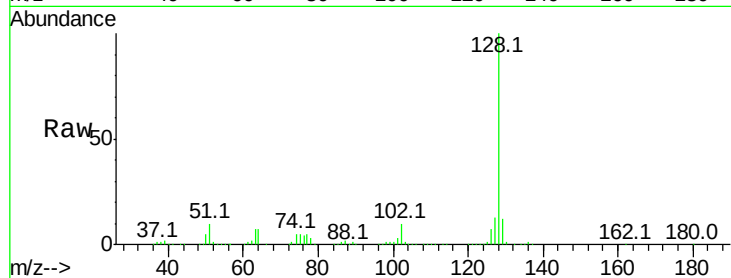
#31
Naphthalene
Concen: 41.28 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.7	14.5
127	13.2	11.0	16.4

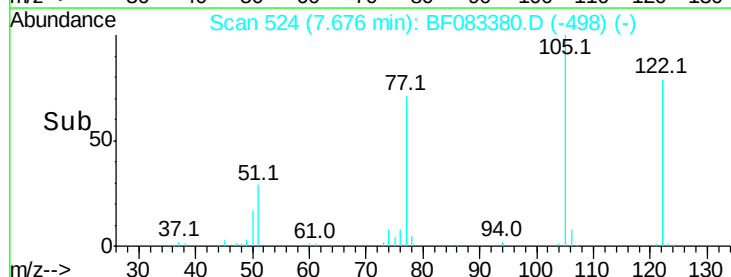
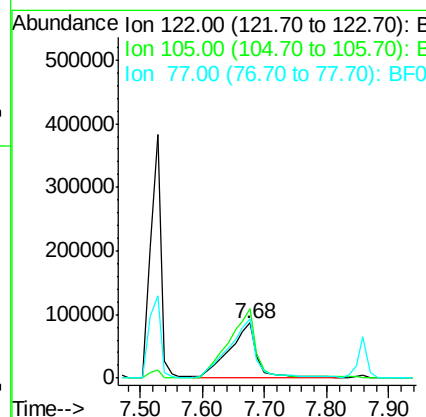
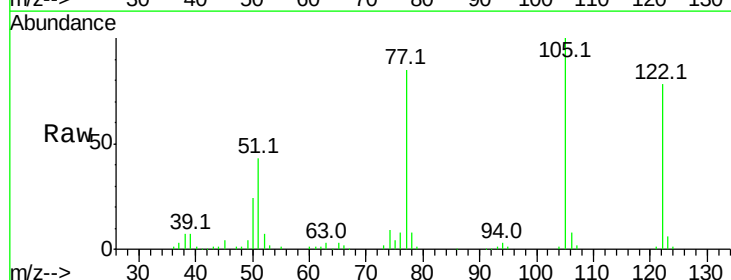
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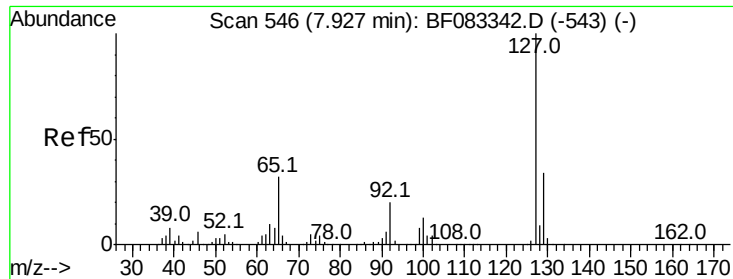
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#32
Benzoic acid
Concen: 38.60 ng
RT: 7.68 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.8	106.0	146.0
77	108.1	86.3	126.3





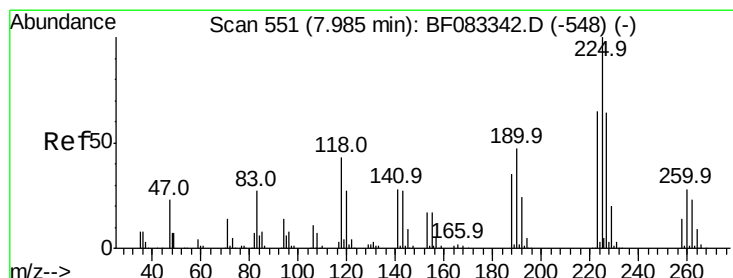
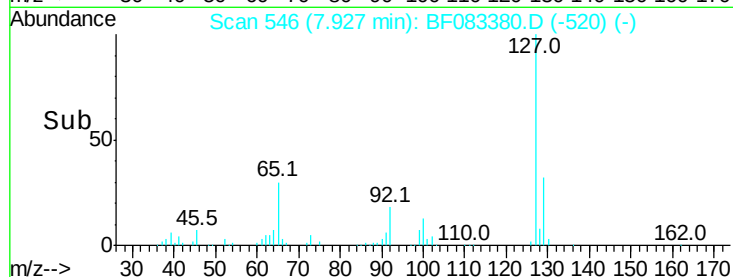
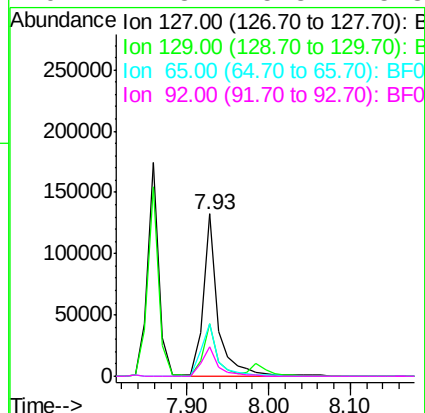
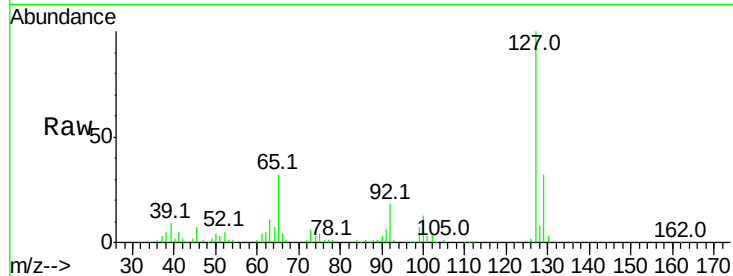
#33
4-Chloroaniline
Concen: 12.07 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampled :
PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	27.0	40.4	
65	32.1	25.9	38.9	
92	17.8	15.8	23.8	

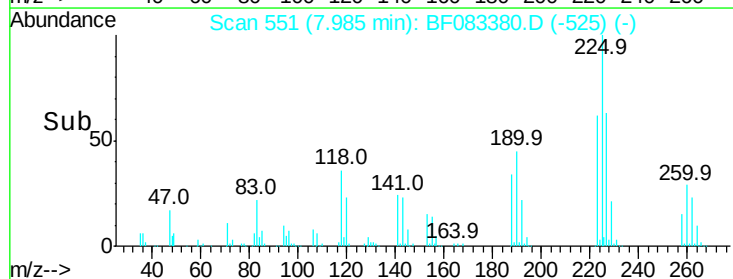
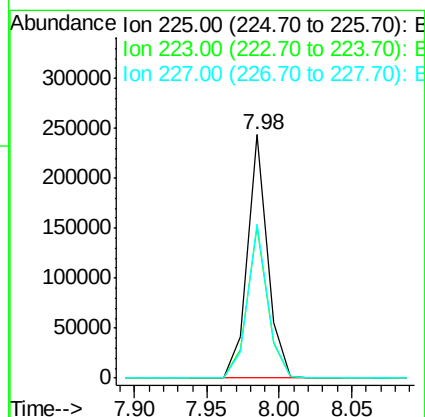
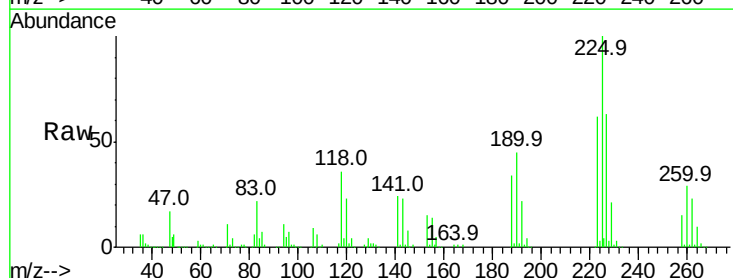
Manual Integrations
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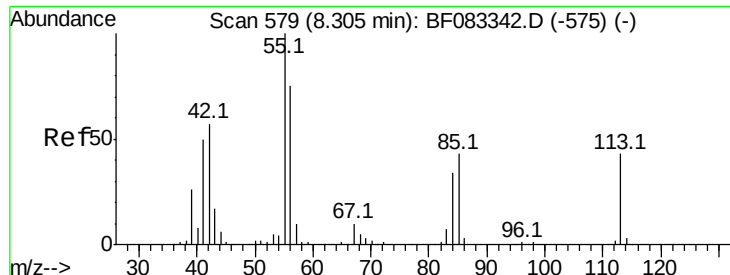
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#34
Hexachlorobutadiene
Concen: 40.28 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	52.0	78.0	
227	63.4	51.1	76.7	





#35

Caprolactam

Concen: 44.47 ng/ml

RT: 8.30 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

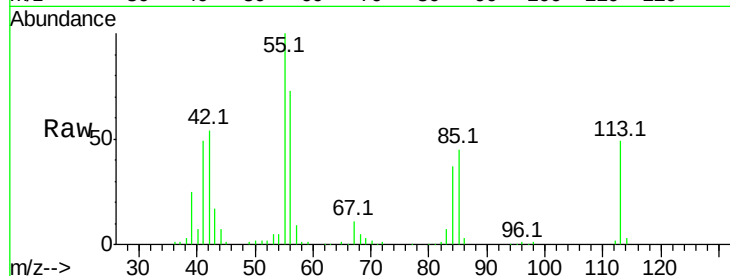
ClientSampleId :

PB87006BS

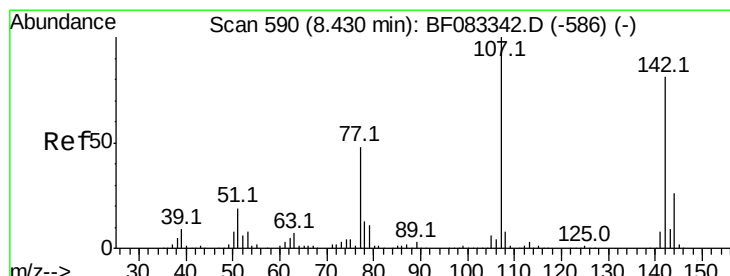
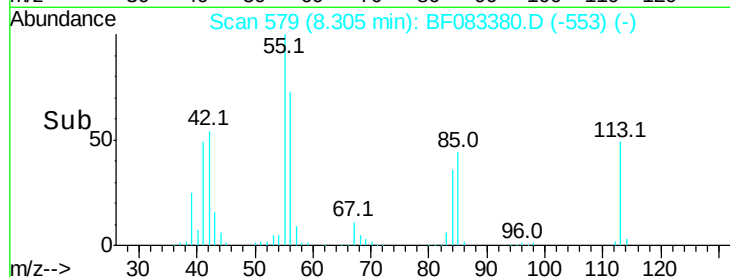
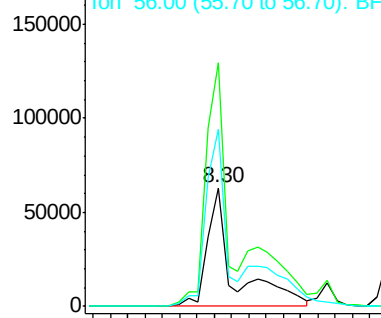
Tot Ion:	113	Resp:	133096
Ion Ratio	Lower	Upper	
113	100		
55	205.7	211.6	251.6#
56	149.9	153.0	193.0#

Manual Integrations
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Abundance Ion 113.00 (112.70 to 113.70): E



#36

4-Chloro-3-methylphenol

Concen: 43.09 ng/ml

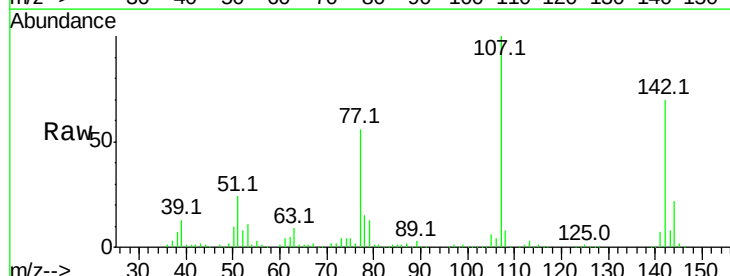
RT: 8.43 min Scan# 590

Delta R.T. 0.00 min

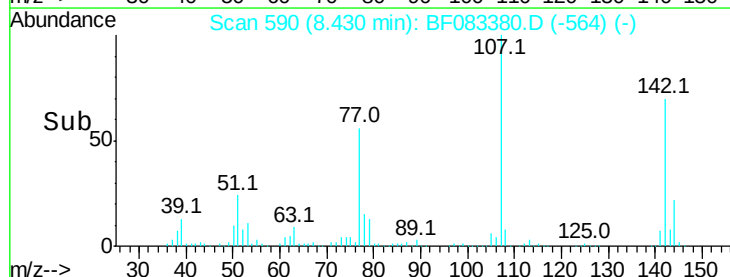
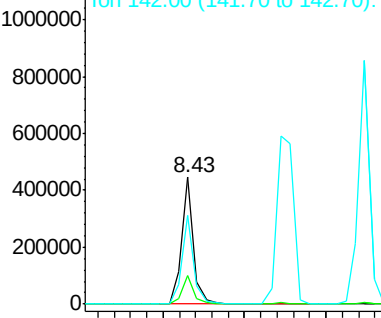
Lab File: BF083380.D

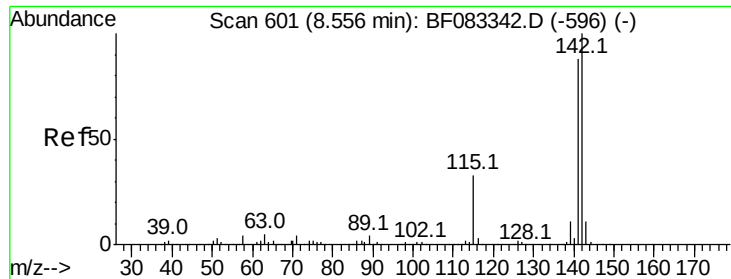
Acq: 1 Dec 2015 18:56

Tgt Ion:	107	Resp:	457748
Ion Ratio	Lower	Upper	
107	100		
144	22.4	21.1	31.7
142	69.7	65.1	97.7



Abundance Ion 107.00 (106.70 to 107.70): E





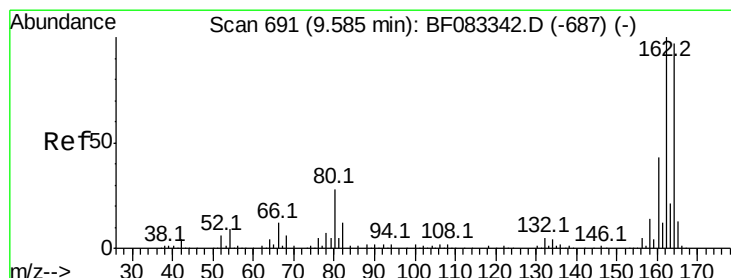
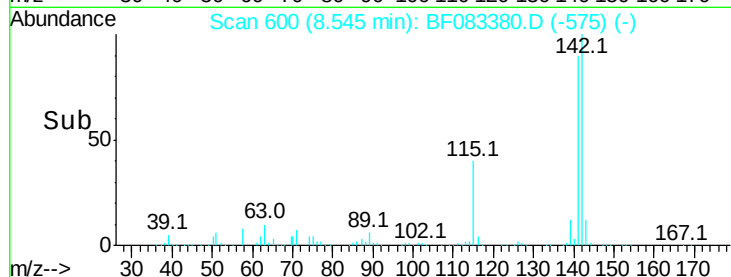
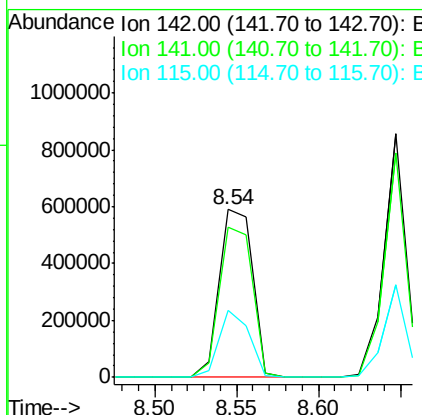
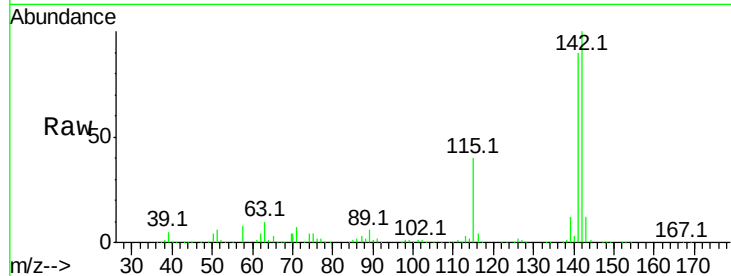
#37
 2-Methylnaphthalene
 Concen: 39.43 ng/mL
 RT: 8.54 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Instrument :
 BNA_F
 Client Sampled :
 PB87006BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.6	105.8
115	40.1	26.2	39.2

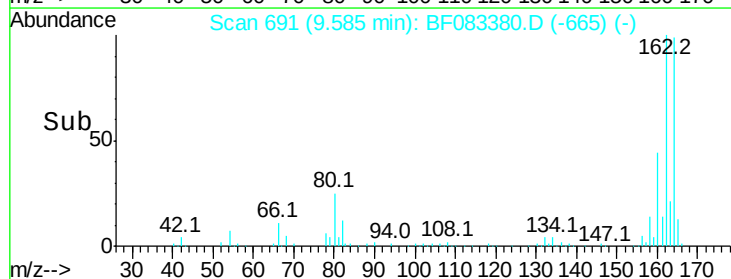
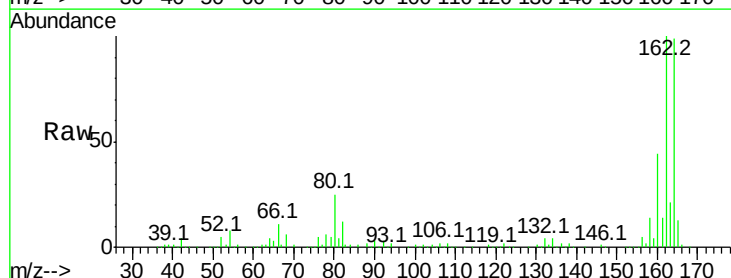
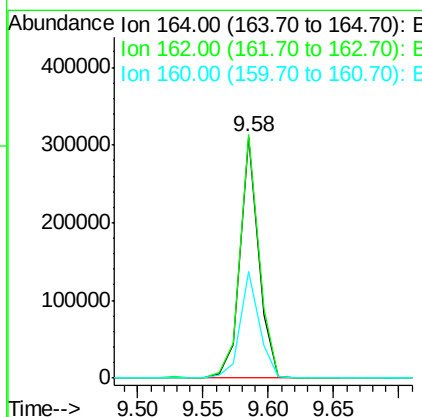
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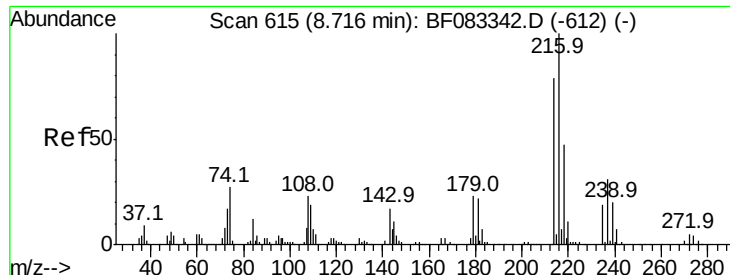
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#38
 Acenaphthene-d10
 Concen: 20.00 ng/mL
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	44.3	35.3	52.9





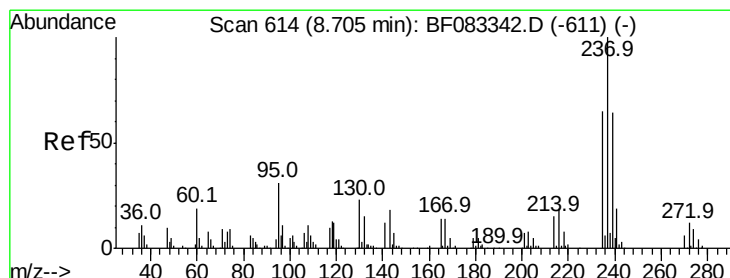
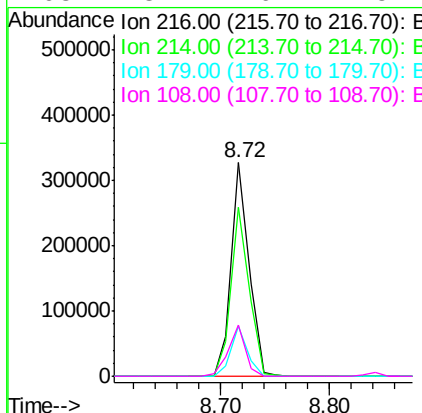
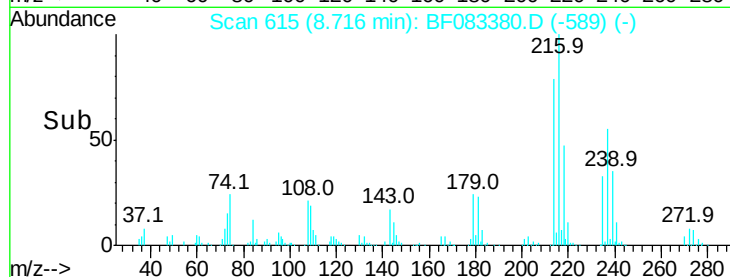
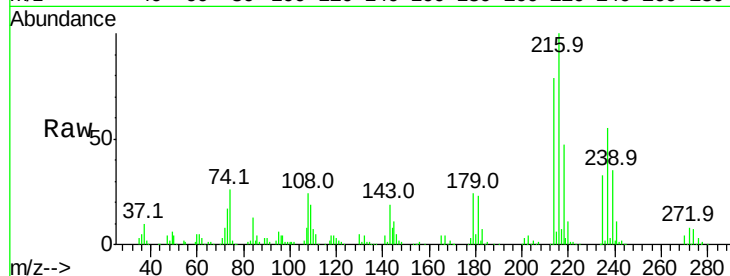
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.32 ng
 RT: 8.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.3	62.3	93.5
179	21.8	17.0	25.4
108	23.4	16.7	25.1

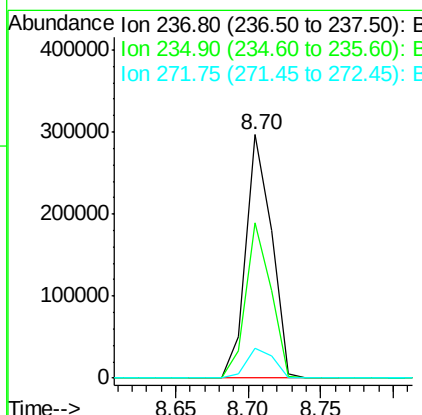
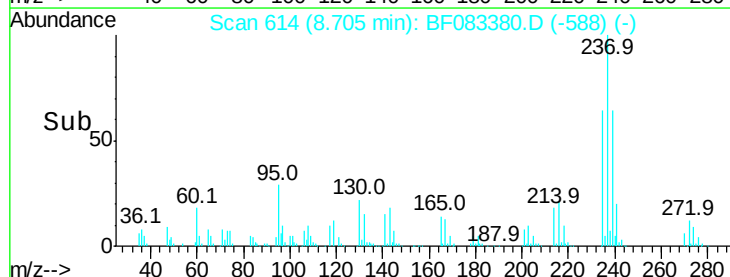
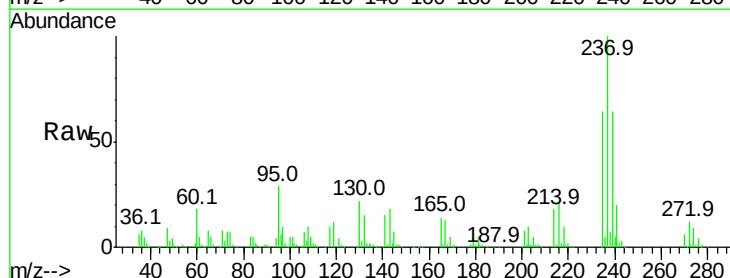
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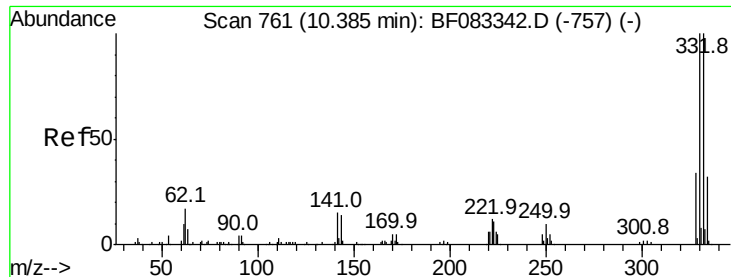
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#40
 Hexachlorocyclopentadiene
 Concen: 79.72 ng
 RT: 8.70 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.9	44.5	84.5
272	12.2	0.0	31.6





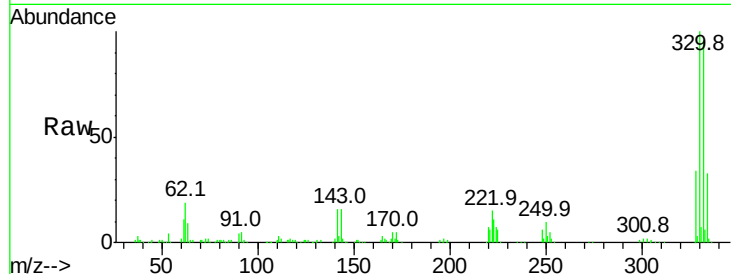
#41
 2,4,6-Tribromophenol
 Concen: 111.37 ng
 RT: 10.38 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

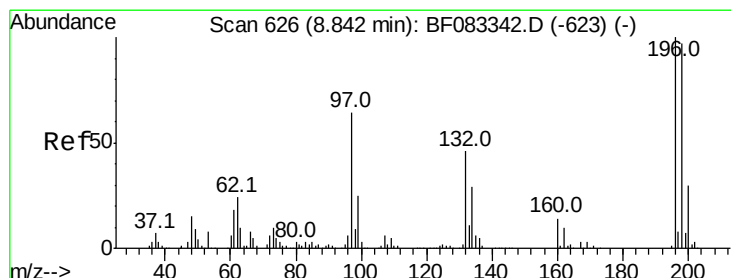
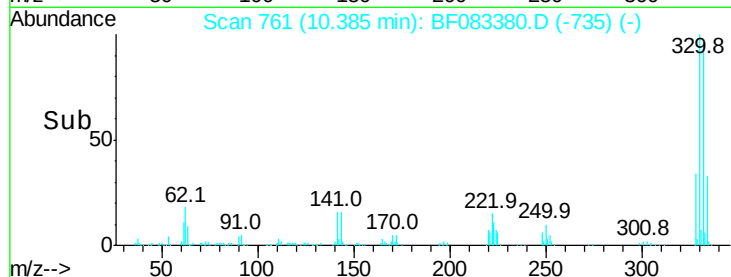
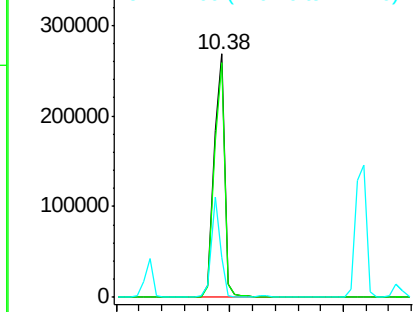
Tot Ion	Ratio	Resp	Lower	Upper
330	100	340185		
332	95.1	77.8	116.6	
141	35.0	29.4	44.0	

Manual Integrations
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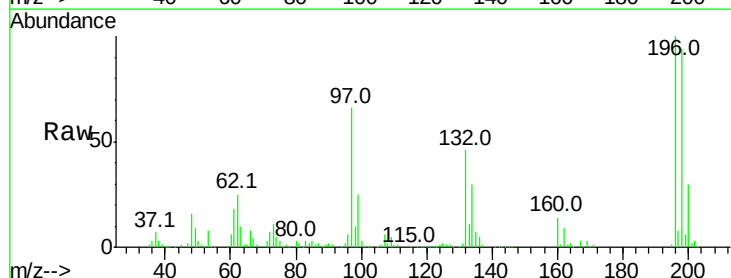


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

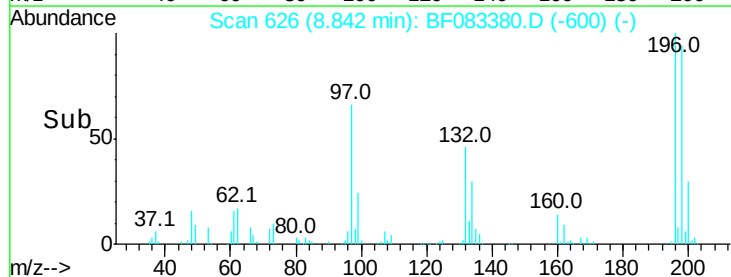
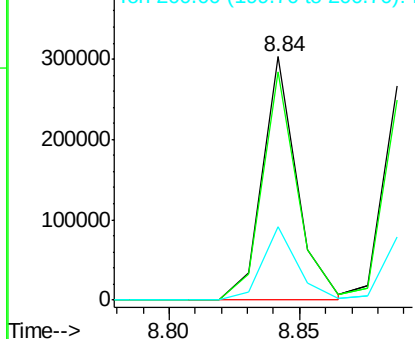


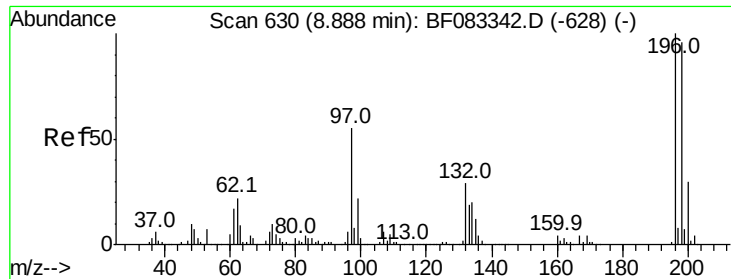
#42
 2,4,6-Trichlorophenol
 Concen: 41.13 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278283		
198	93.9	77.2	115.8	
200	30.0	24.2	36.4	



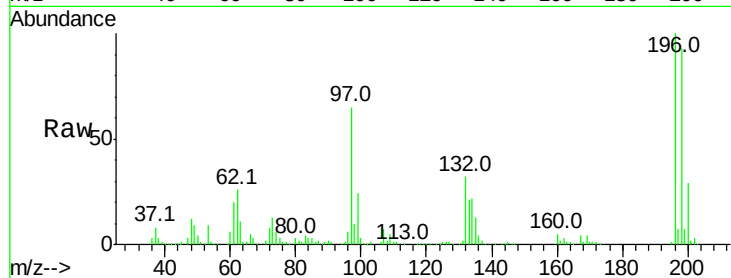
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 42.45 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

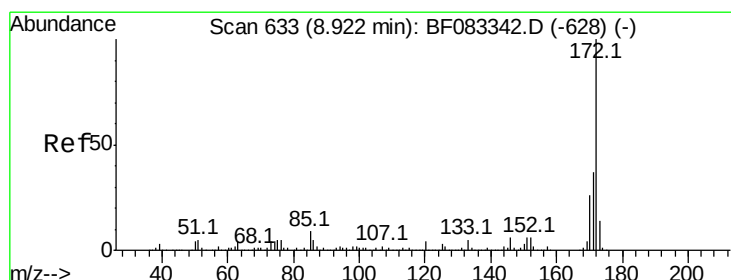
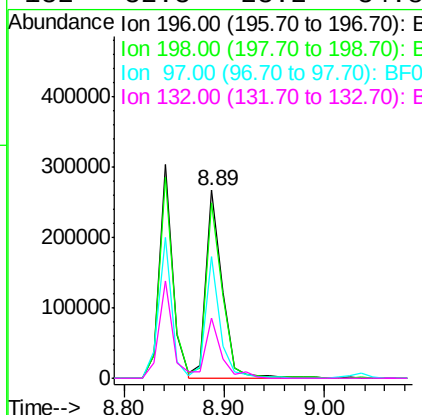
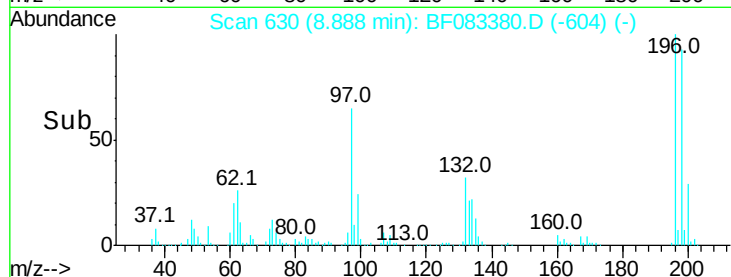
Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS



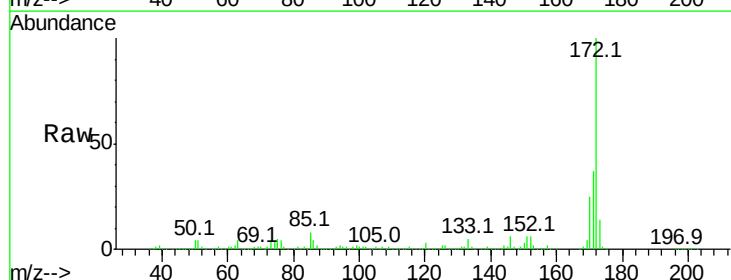
Tot Ion:	196	Resp:	297583
Ion Ratio	Lower	Upper	
196	100		
198	93.4	77.2	115.8
97	64.8	44.4	66.6
132	32.3	23.2	34.8

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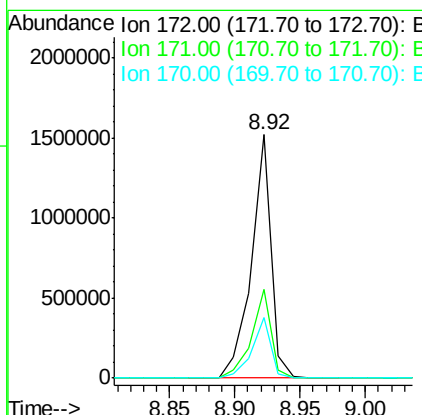
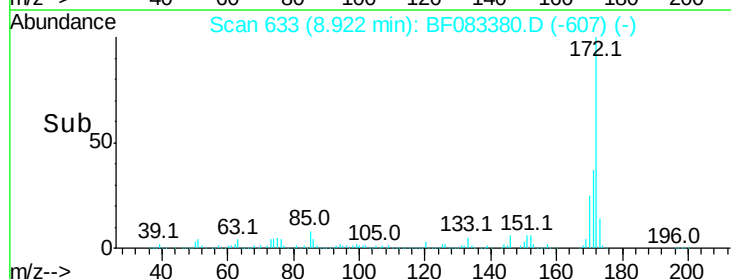
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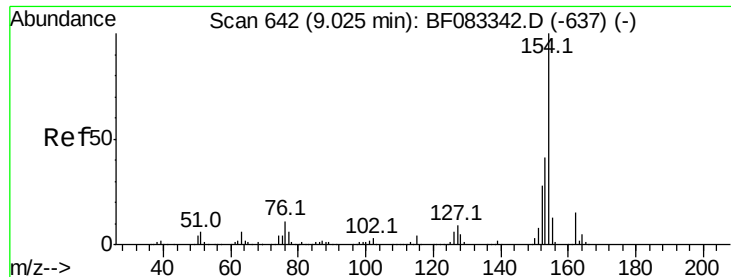


#44
 2-Fluorobiphenyl
 Concen: 74.93 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56



Tgt Ion:	172	Resp:	1600026
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.4	44.0
170	24.8	20.4	30.6





#45

1,1'-Biphenyl

Concen: 37.42 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

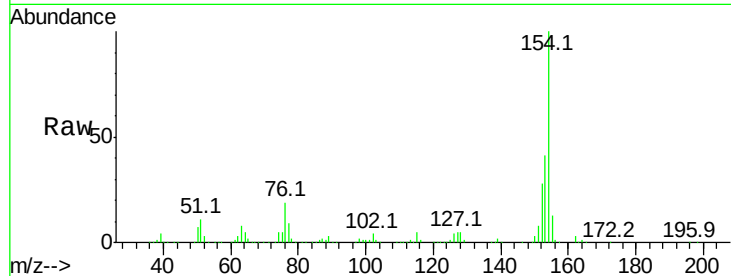
ClientSampleId :

PB87006BS

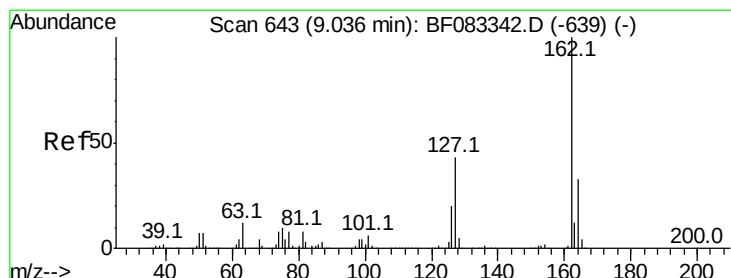
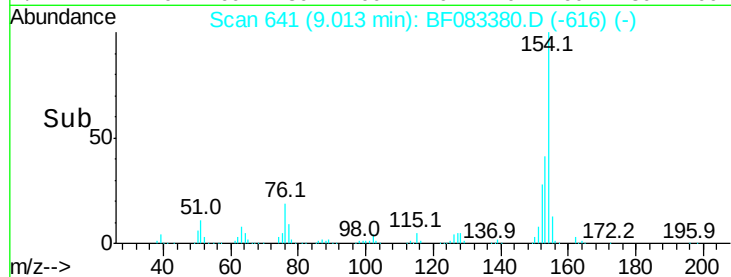
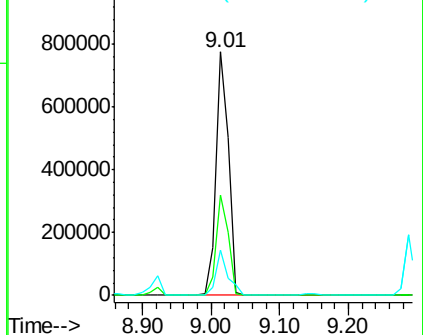
Tot Ion:	154	Resp:	998597
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.6	60.6
76	18.8	0.0	30.5

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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: 41.01 ng

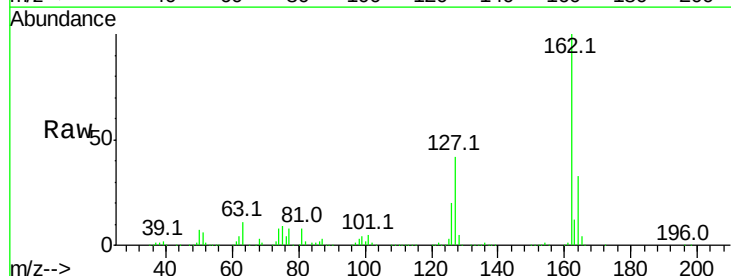
RT: 9.04 min Scan# 643

Delta R.T. 0.00 min

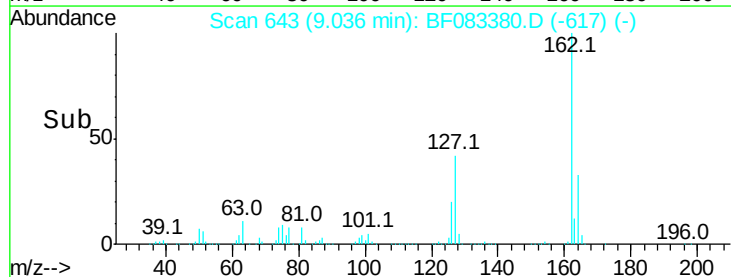
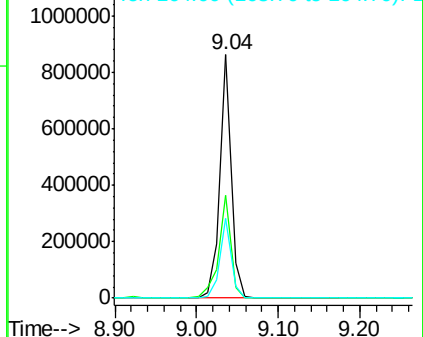
Lab File: BF083380.D

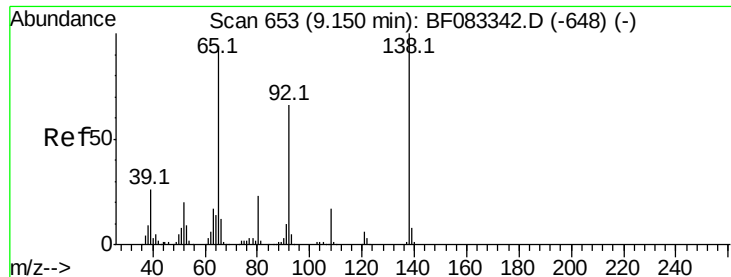
Acq: 1 Dec 2015 18:56

Tgt Ion:	162	Resp:	833991
Ion Ratio	Lower	Upper	
162	100		
127	42.1	34.1	51.1
164	32.8	26.6	39.8



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





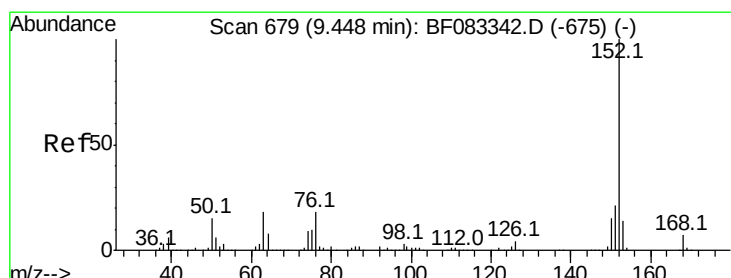
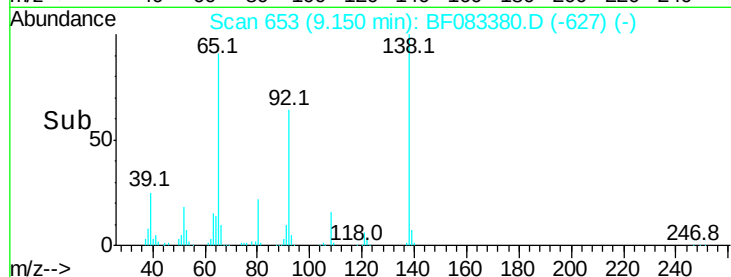
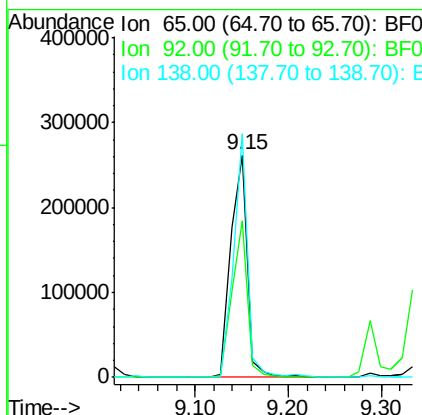
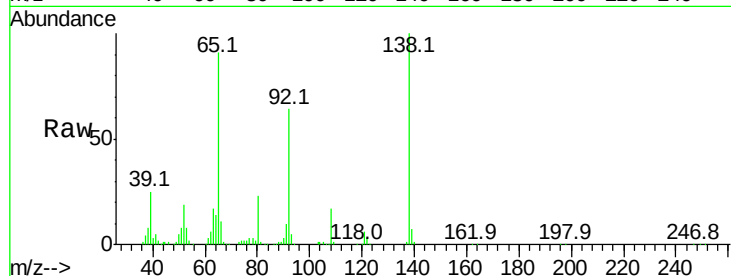
#47
2-Nitroaniline
Concen: 40.70 ng
RT: 9.15 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.2	56.2	84.4
138	109.5	85.4	128.0

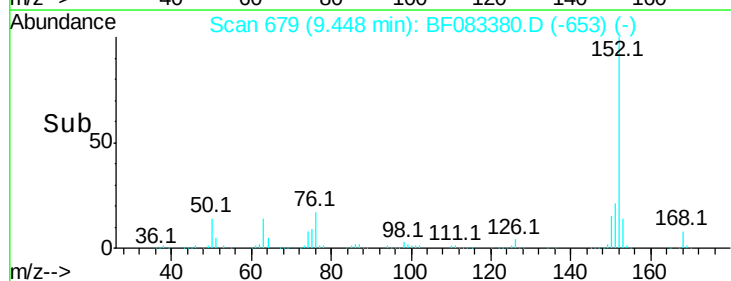
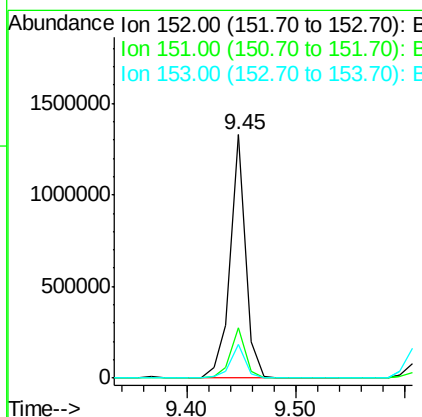
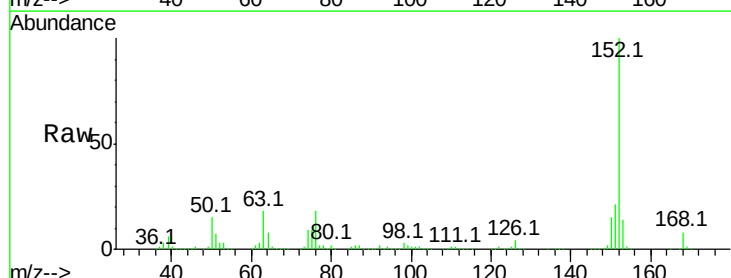
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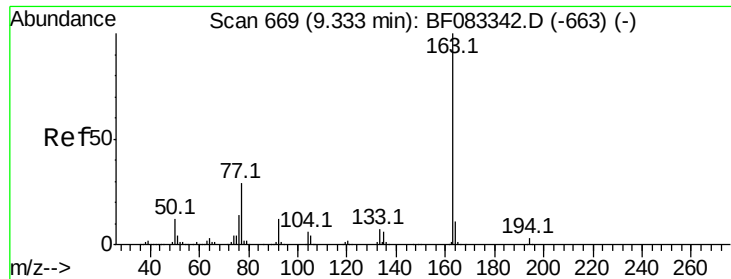
Mmdadoda
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#48
Acenaphthylene
Concen: 39.86 ng
RT: 9.45 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1
153	13.8	11.2	16.8





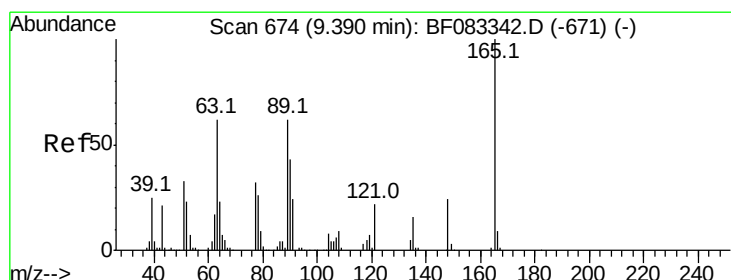
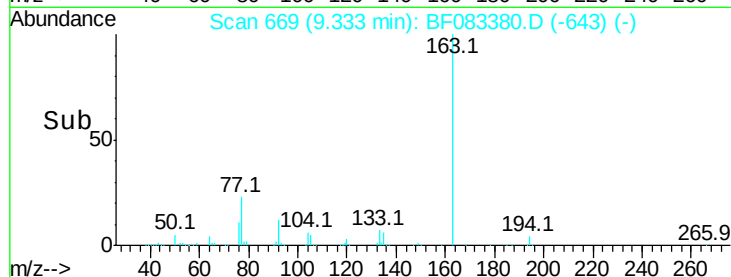
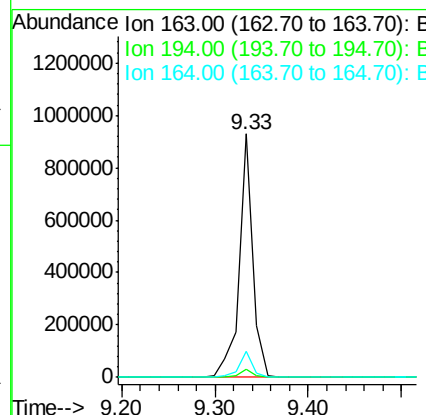
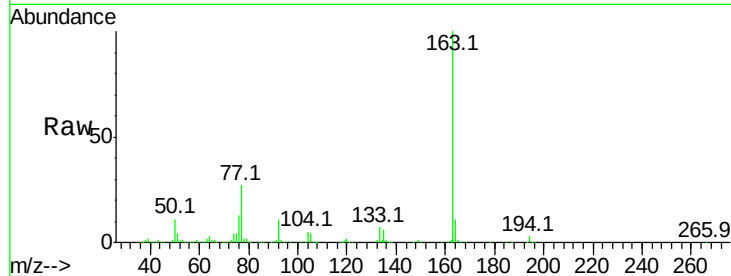
#49
Dimethylphthalate
Concen: 38.34 ng
RT: 9.33 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	948104		
194	3.3	2.7	4.1	
164	10.7	8.8	13.2	

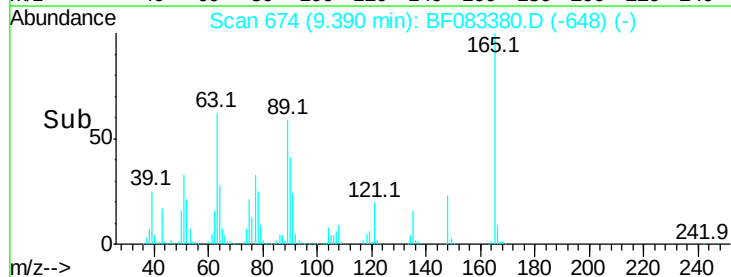
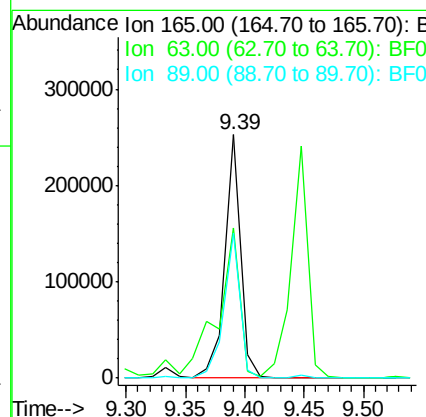
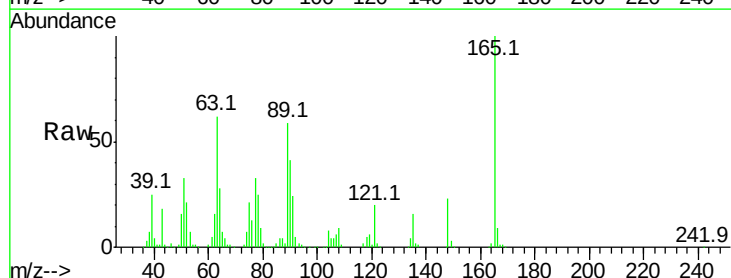
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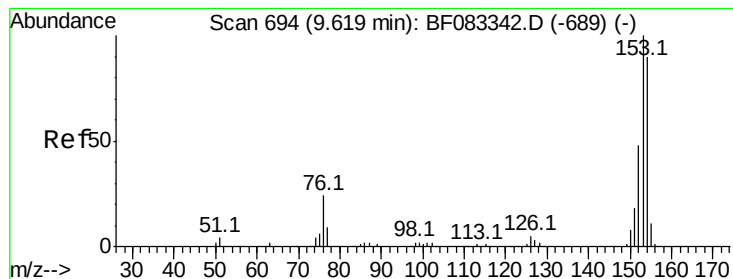
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#50
2,6-Dinitrotoluene
Concen: 43.35 ng
RT: 9.39 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	228936		
63	61.8	56.0	84.0	
89	59.4	49.8	74.8	





#51

Acenaphthene

Concen: 40.75 ng

RT: 9.62 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

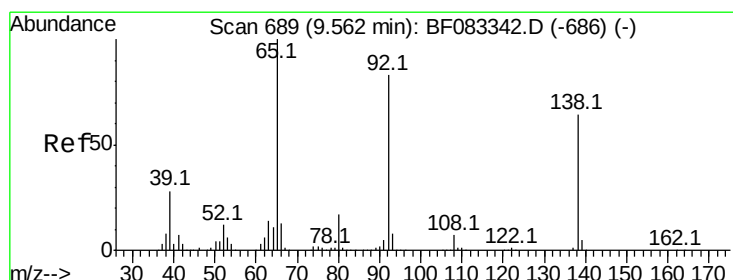
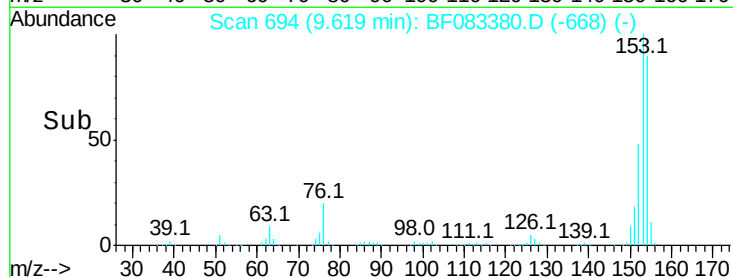
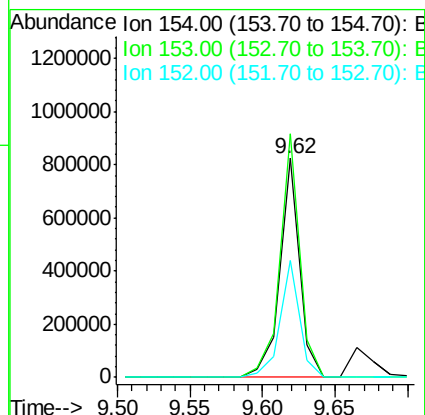
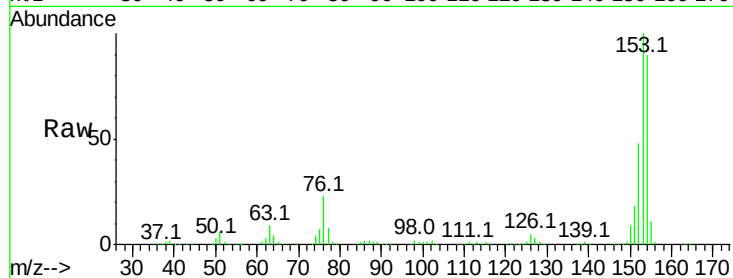
ClientSampleId :

PB87006BS

Tot Ion:	154	Resp:	777424
Ion Ratio	Lower	Upper	
154	100		
153	111.1	89.3	133.9
152	53.4	42.5	63.7

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#52

3-Nitroaniline

Concen: 19.94 ng

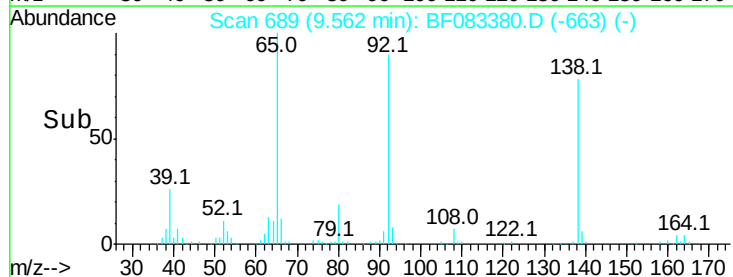
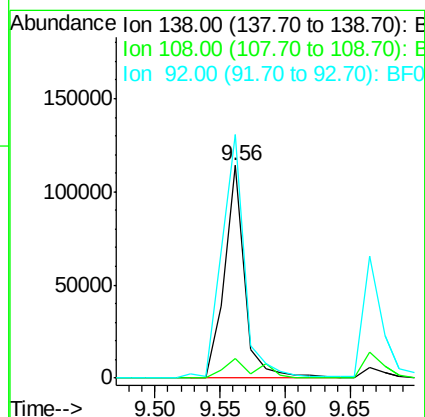
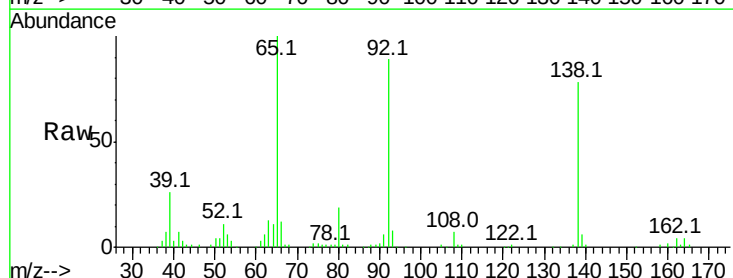
RT: 9.56 min Scan# 689

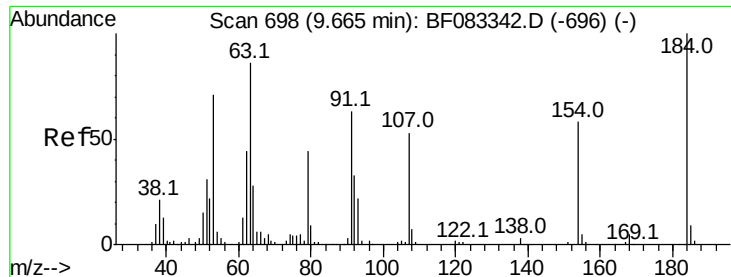
Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Tgt Ion:	138	Resp:	123427
Ion Ratio	Lower	Upper	
138	100		
108	9.4	8.4	12.6
92	114.5	104.2	156.4





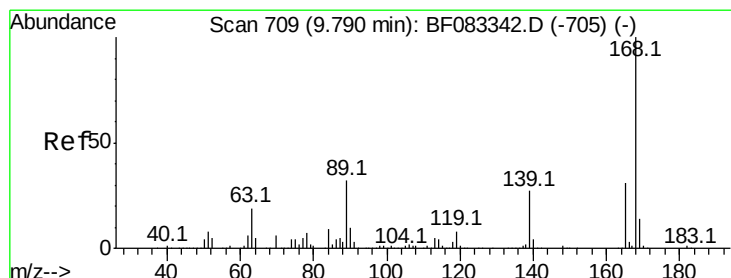
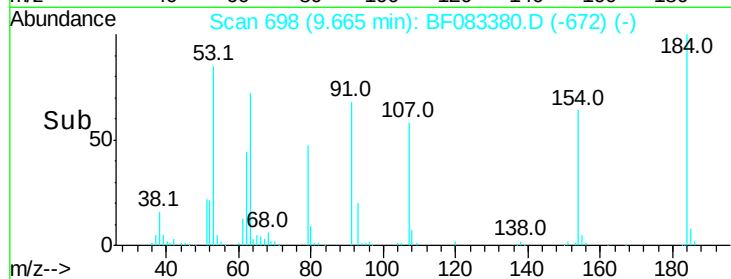
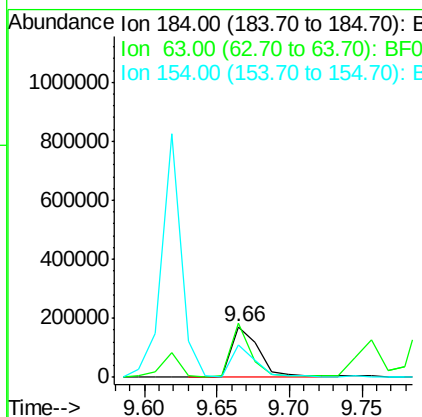
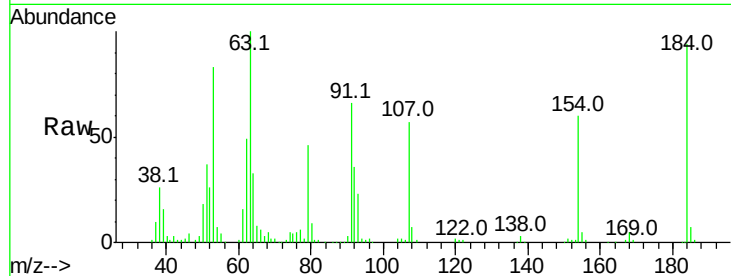
#53
 2,4-Dinitrophenol
 Concen: 70.55 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	106.4	69.0	103.6#	
154	64.3	50.0	75.0	

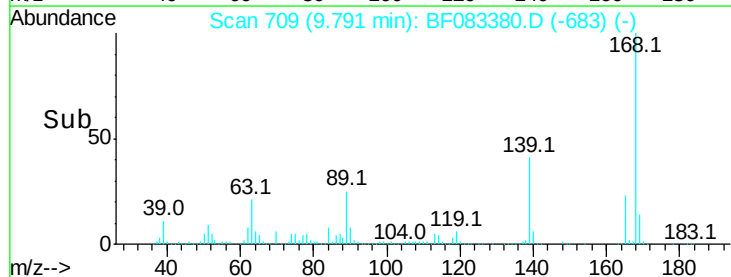
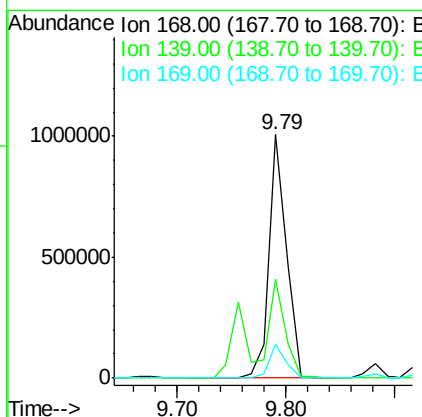
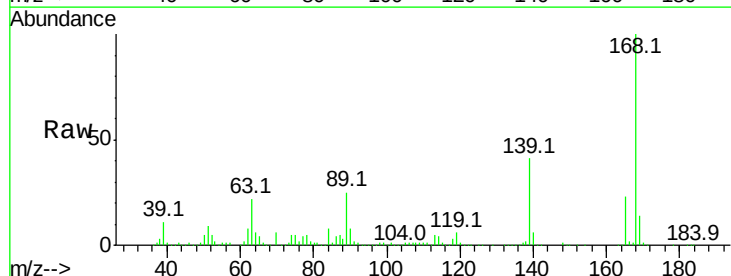
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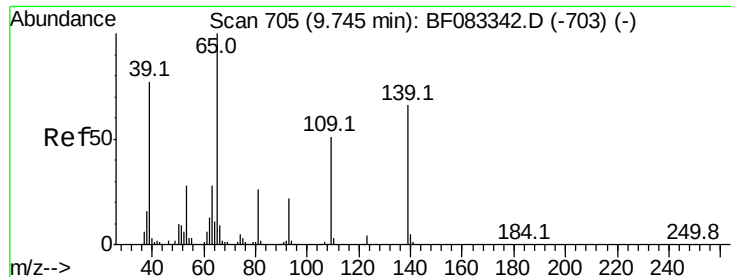
Mmdadoda
 12/2/2015 6:12:50 PM



#54
 Dibenzofuran
 Concen: 40.06 ng
 RT: 9.79 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.5	32.7	49.1	
169	14.0	11.1	16.7	





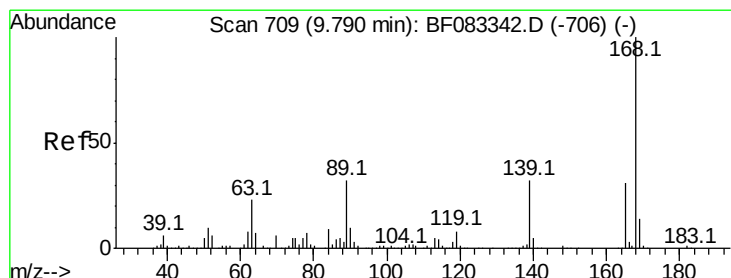
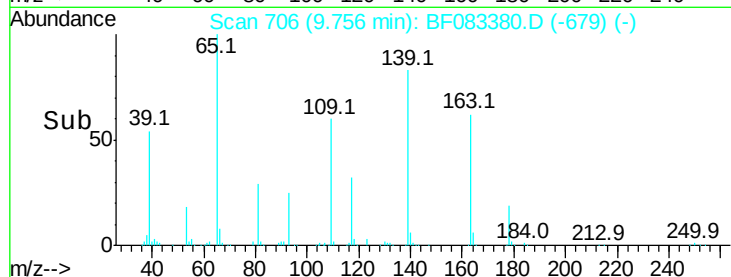
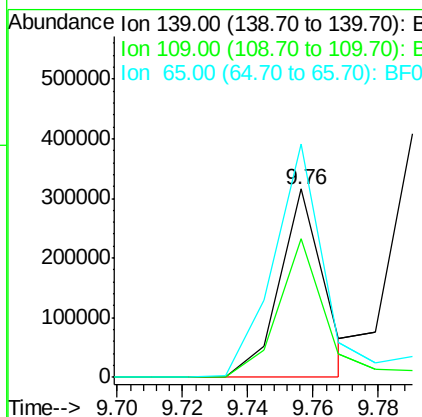
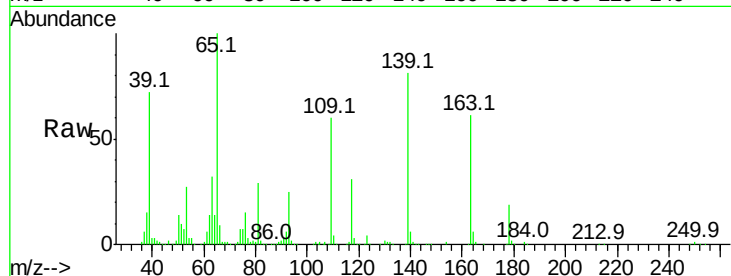
#55
4-Nitrophenol
Concen: 76.91 ng
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	73.8	57.4	97.4	
65	123.7	131.6	171.6	

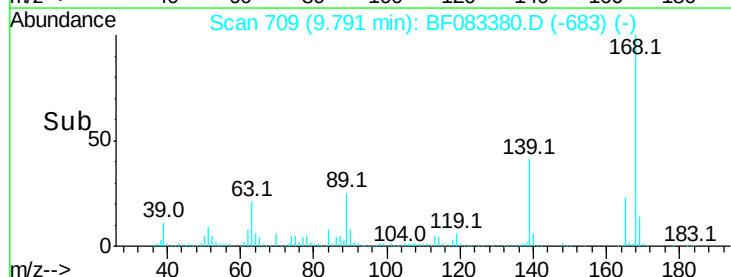
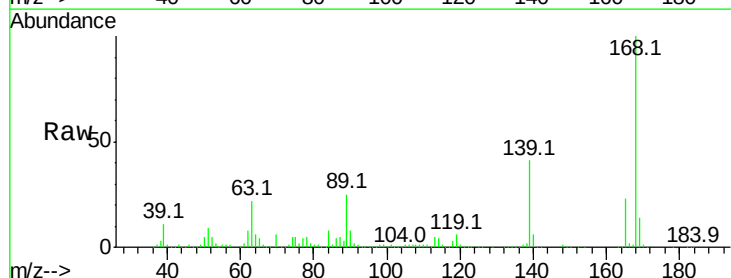
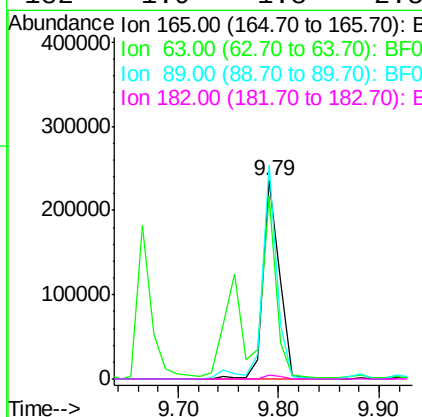
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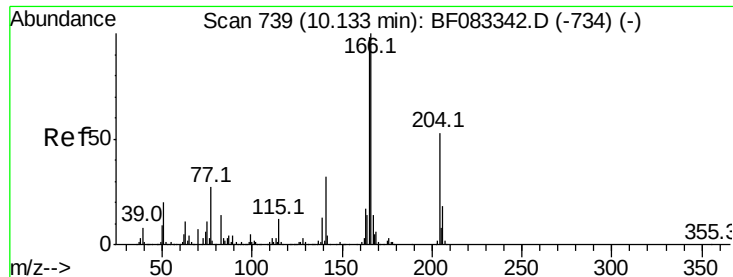
Mmdadoda
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#56
2,4-Dinitrotoluene
Concen: 39.67 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	92.1	65.4	98.0	
89	107.7	81.2	121.8	
182	1.9	1.8	2.8	





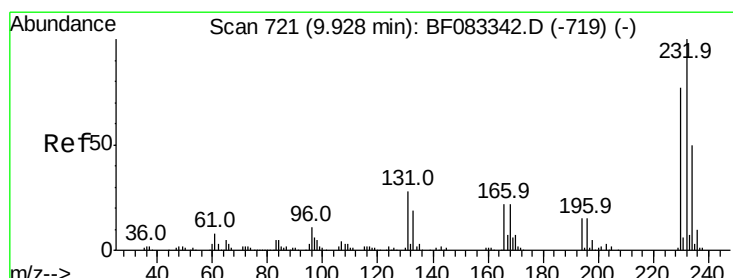
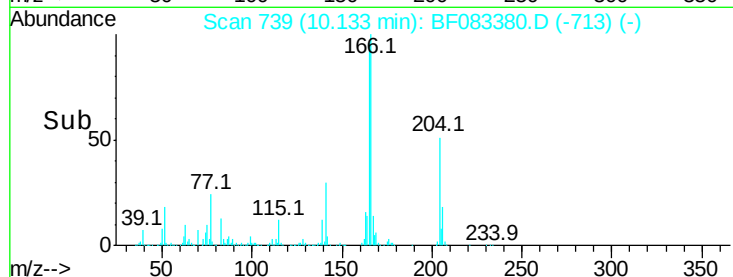
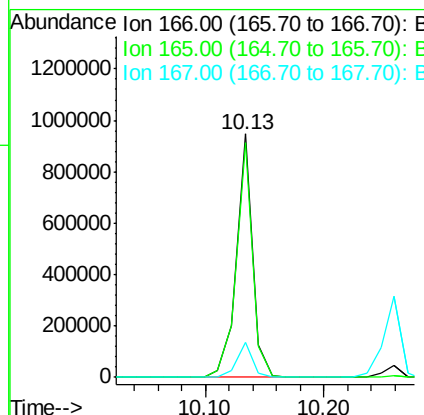
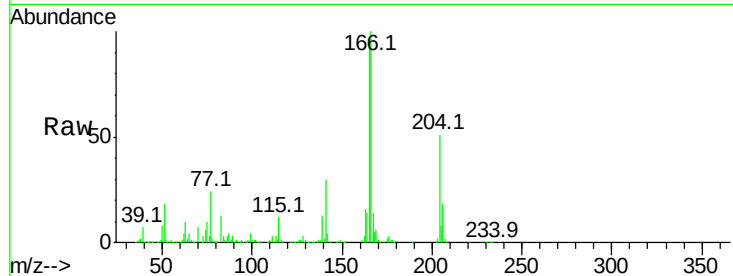
#57
 Fluorene
 Concen: 40.81 ng
 RT: 10.13 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	166	Resp	900911
Ion Ratio	Lower	Upper	
166	100		
165	96.5	78.3	117.5
167	14.2	11.1	16.7

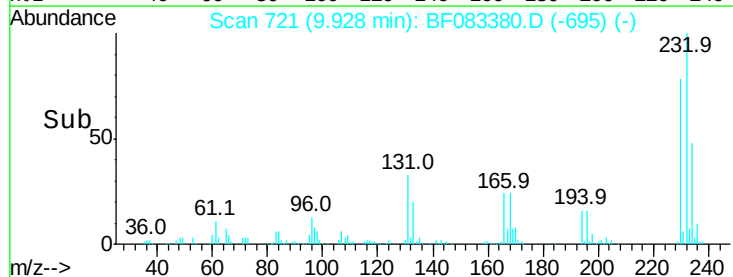
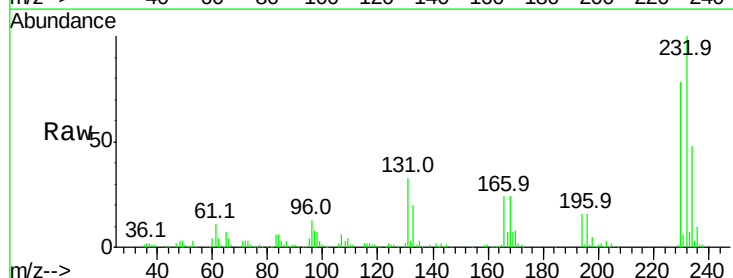
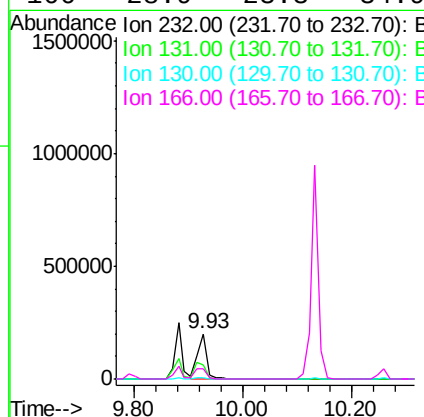
Manual Integrations
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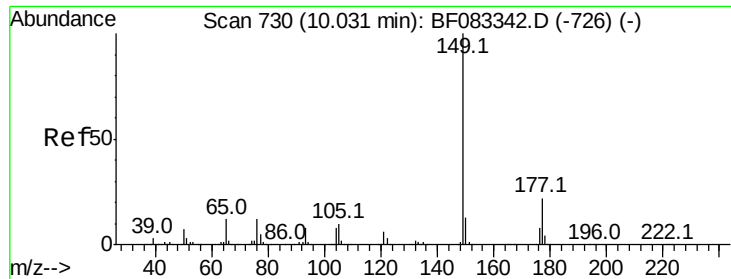
Mmdadoda
 12/2/2015 6:12:50 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.86 ng
 RT: 9.93 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Tgt Ion	232	Resp	236784
Ion Ratio	Lower	Upper	
232	100		
131	44.6	35.4	53.2
130	2.0	1.7	2.5
166	28.9	23.3	34.9





#59

Diethylphthalate

Concen: 39.30 ng

RT: 10.03 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

ClientSampleId :

PB87006BS

Tot Ion:149 Resp: 926295

Ion Ratio Lower Upper

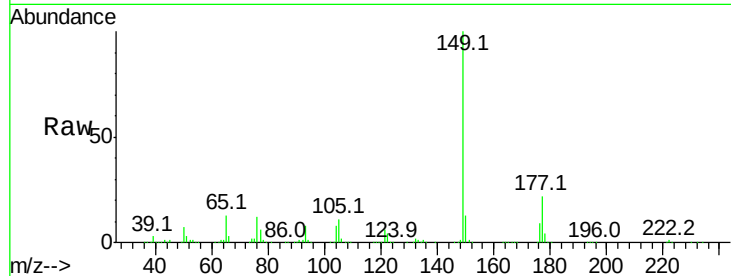
149 100

177 21.7 17.4 26.2

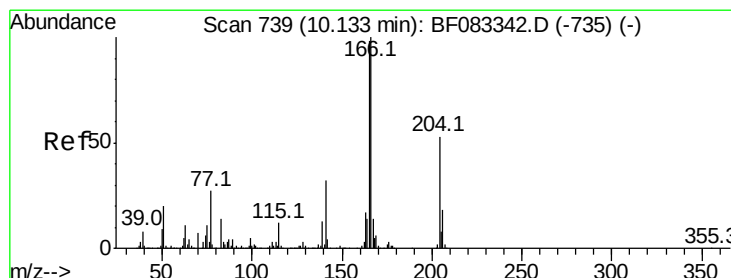
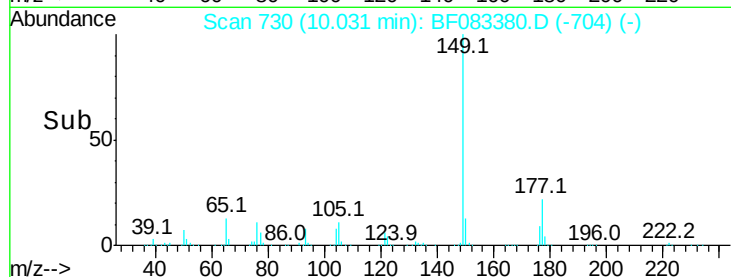
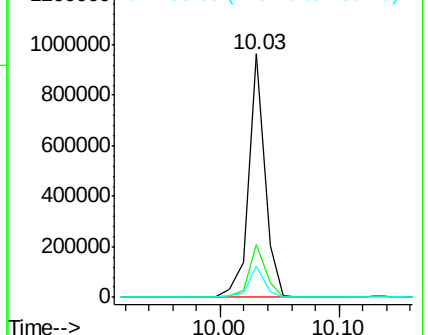
150 12.9 10.4 15.6

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.32 ng

RT: 10.13 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

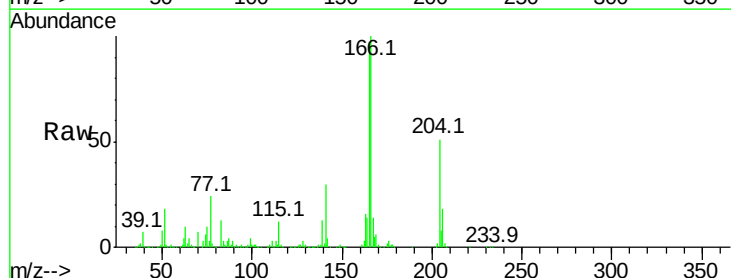
Tgt Ion:204 Resp: 429324

Ion Ratio Lower Upper

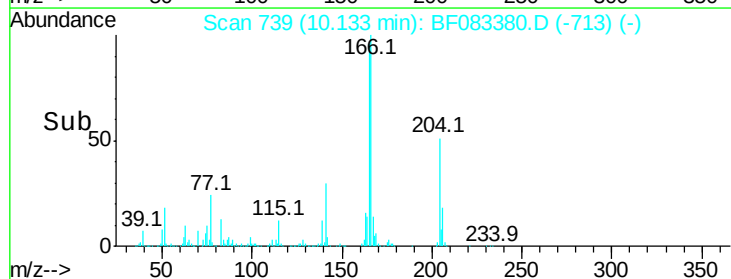
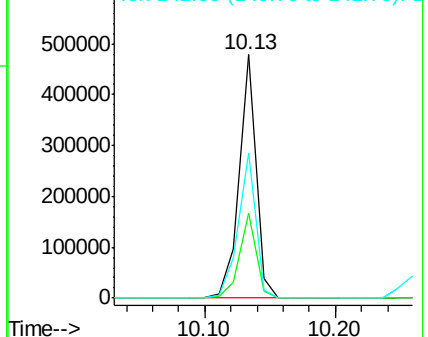
204 100

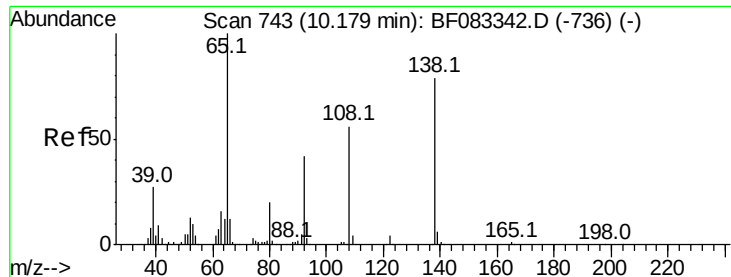
206 34.7 27.5 41.3

141 59.5 48.1 72.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.88 ng

RT: 10.18 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

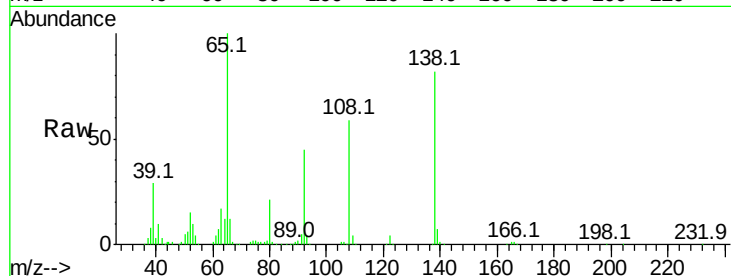
ClientSampleId :

PB87006BS

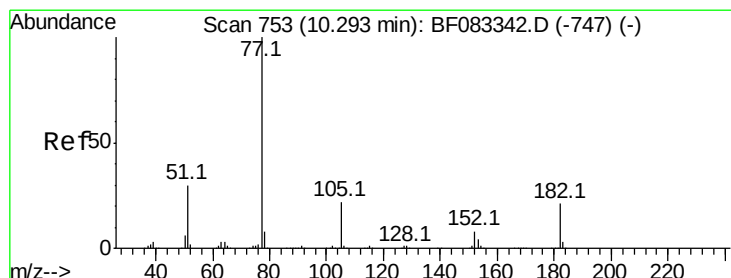
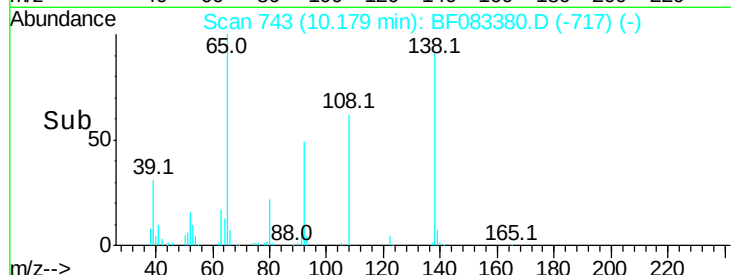
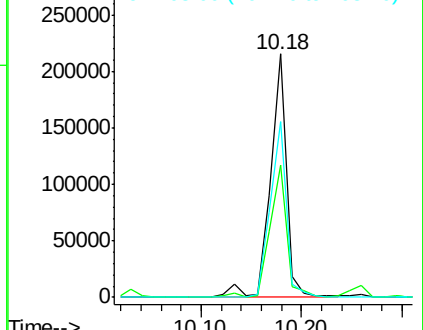
Tot Ion:	138	Resp:	240765
Ion Ratio	Lower	Upper	
138	100		
92	54.1	33.6	73.6
108	72.0	51.0	91.0

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.09 ng

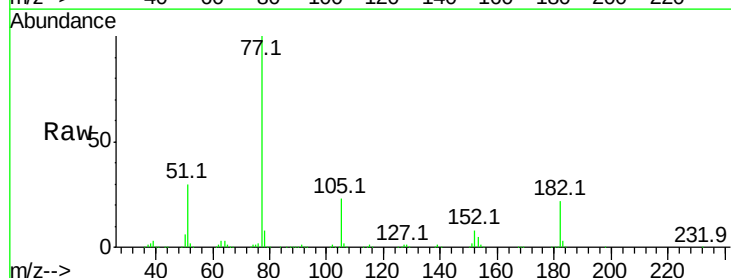
RT: 10.29 min Scan# 753

Delta R.T. 0.00 min

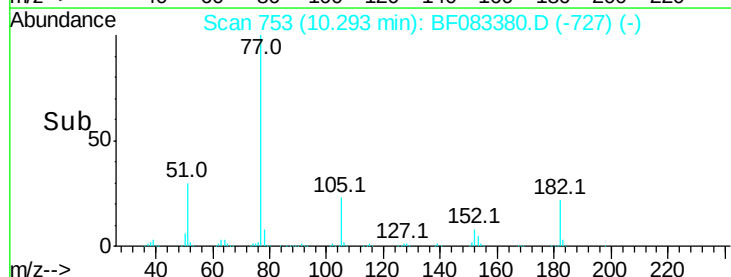
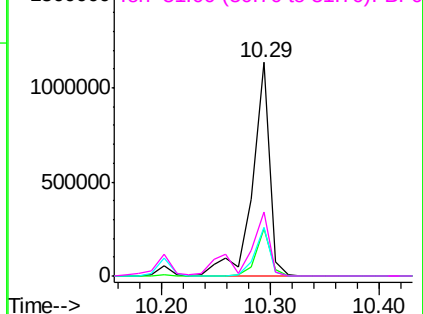
Lab File: BF083380.D

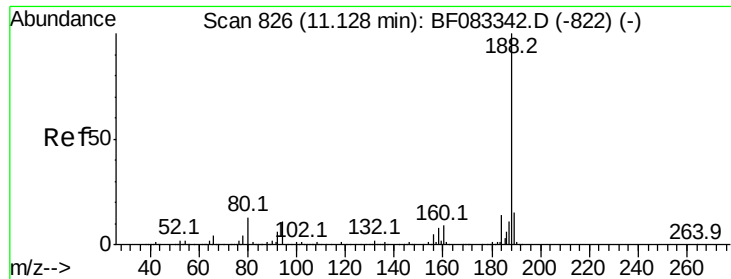
Acq: 1 Dec 2015 18:56

Tgt Ion:	77	Resp:	1255539
Ion Ratio	Lower	Upper	
77	100		
182	22.3	0.8	40.8
105	22.8	2.3	42.3
51	29.7	10.6	50.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





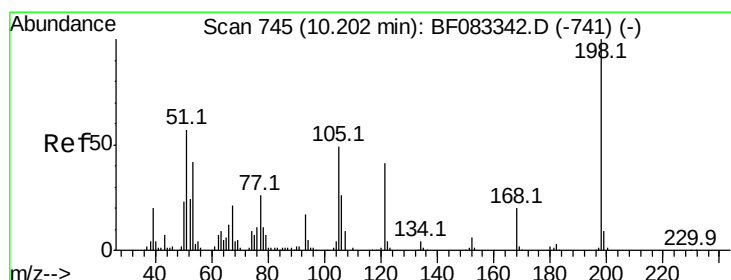
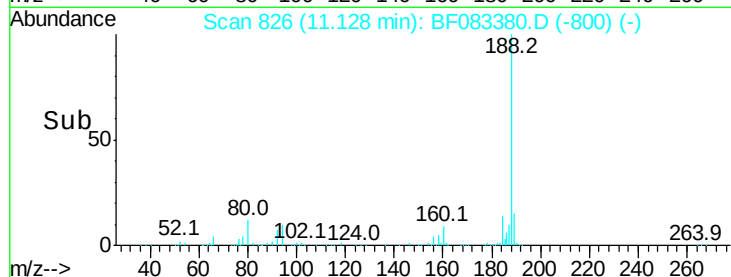
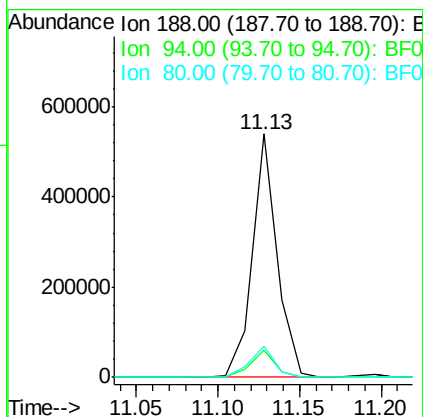
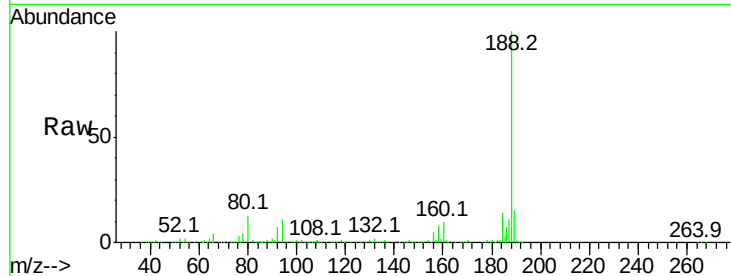
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	569116		
94	11.4	8.7	13.1	
80	12.5	10.3	15.5	

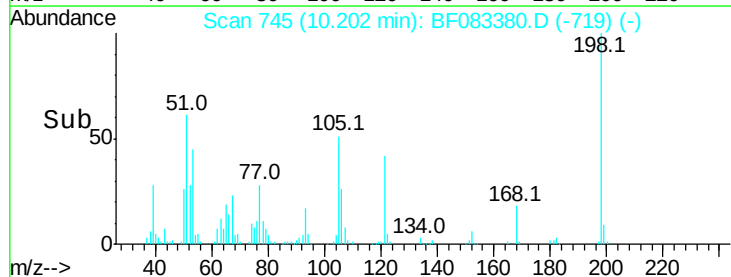
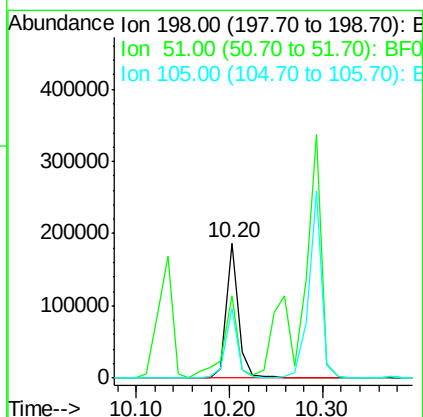
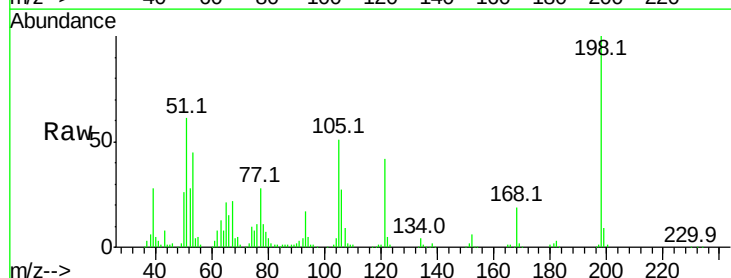
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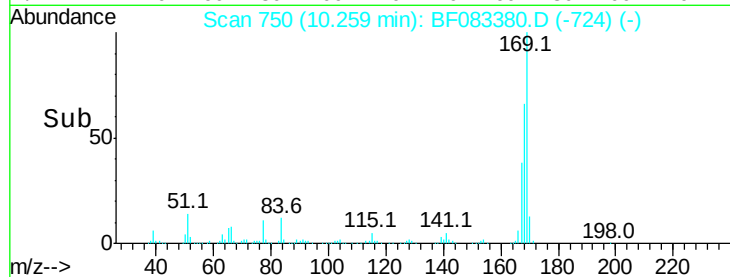
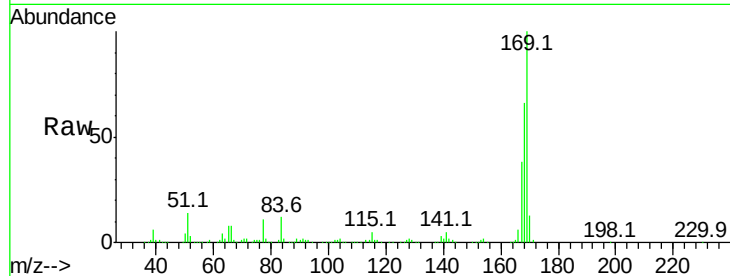
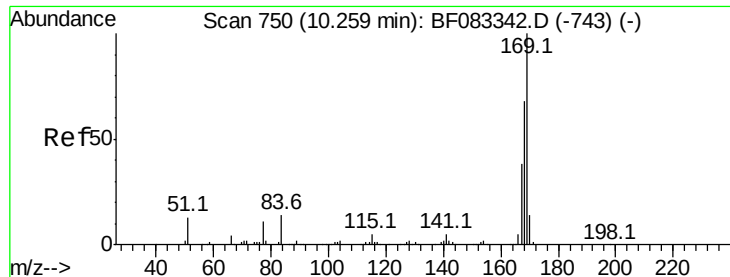
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.73 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	170921		
51	61.2	38.3	78.3	
105	51.1	29.2	69.2	





#65

n-Nitrosodiphenylamine

Concen: 42.68 ng

RT: 10.26 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Tot Ion:	169	Resp:	853543
Ion Ratio	Lower	Upper	
169	100		
168	66.3	54.8	82.2
167	37.7	30.2	45.2

Instrument :

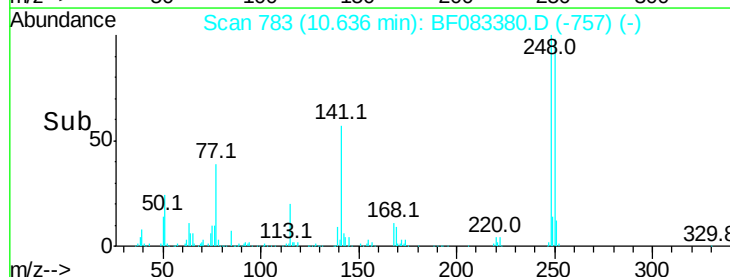
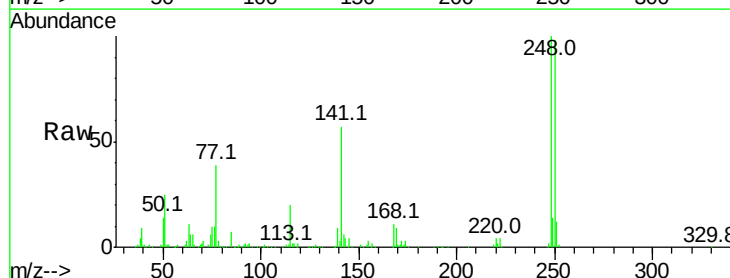
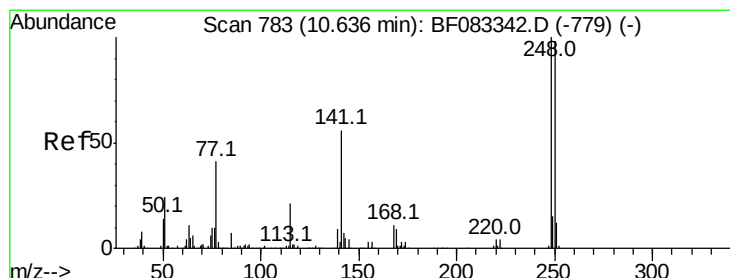
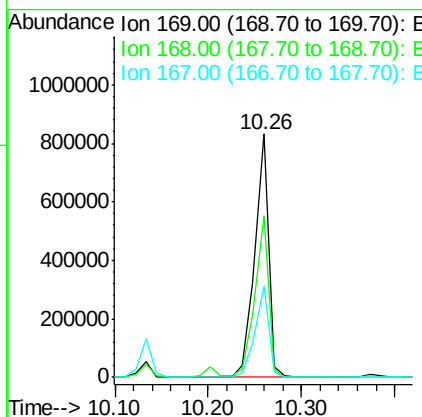
BNA_F

ClientSampleId :

PB87006BS

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#66

4-Bromophenyl-phenylether

Concen: 43.24 ng

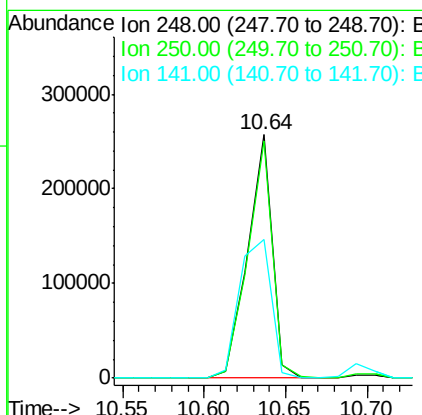
RT: 10.64 min Scan# 783

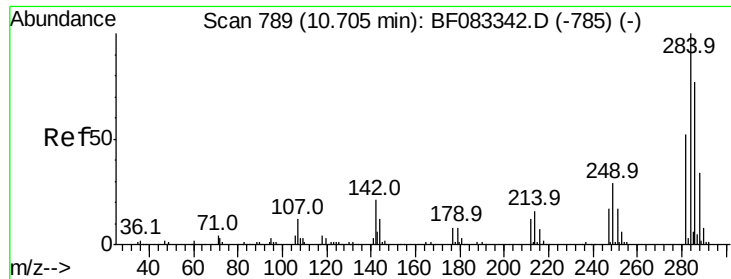
Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Tgt Ion:	248	Resp:	269183
Ion Ratio	Lower	Upper	
248	100		
250	97.6	78.6	118.0
141	56.7	44.4	66.6





#67

Hexachlorobenzene

Concen: 42.30 ng

RT: 10.70 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

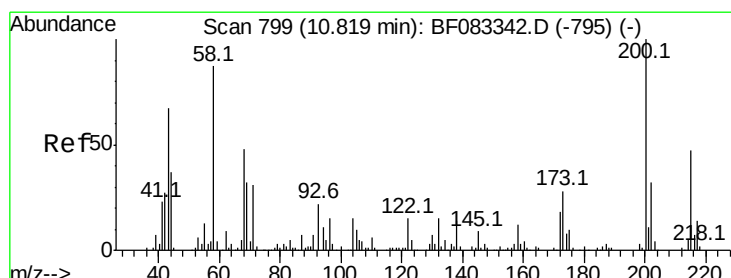
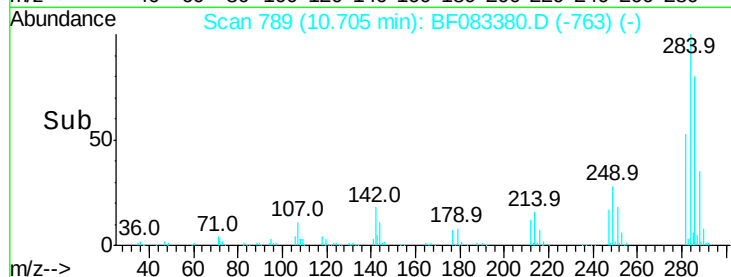
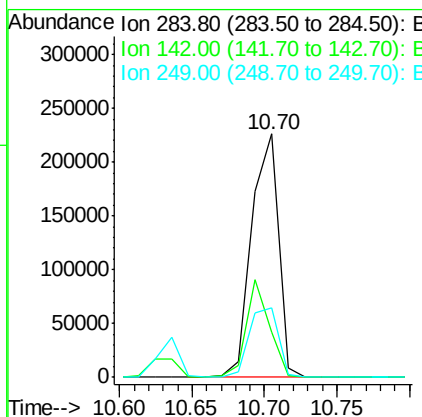
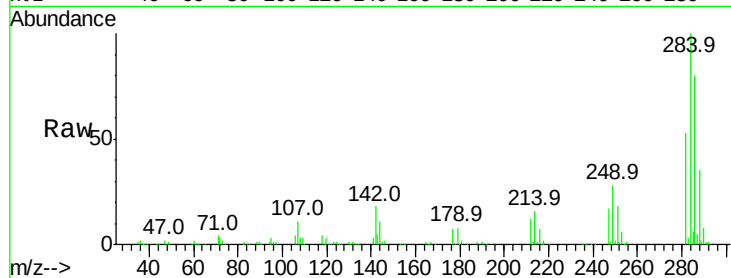
ClientSampleId :

PB87006BS

Tot Ion:	284	Resp:	291198
Ion Ratio		Lower	Upper
284	100		
142	18.3	16.6	24.8
249	28.3	23.0	34.4

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#68

Atrazine

Concen: 48.26 ng

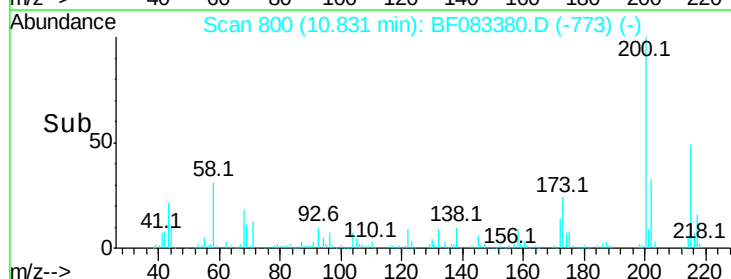
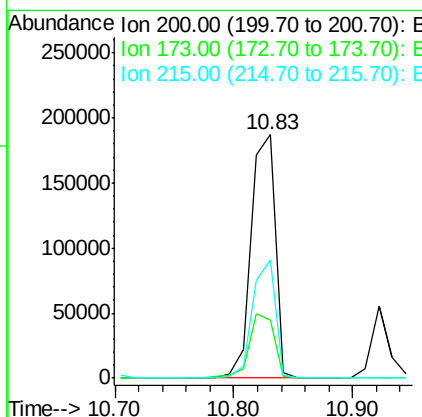
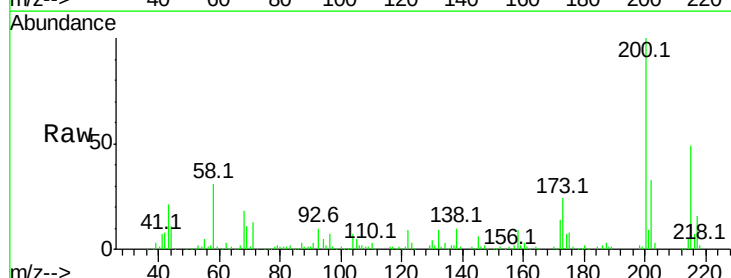
RT: 10.83 min Scan# 800

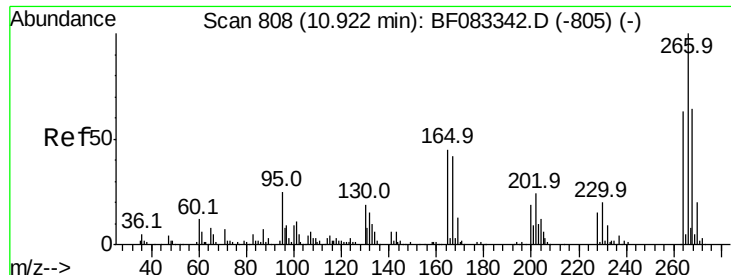
Delta R.T. 0.01 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Tgt Ion:	200	Resp:	266936
Ion Ratio		Lower	Upper
200	100		
173	23.9	8.3	48.3
215	48.7	26.7	66.7





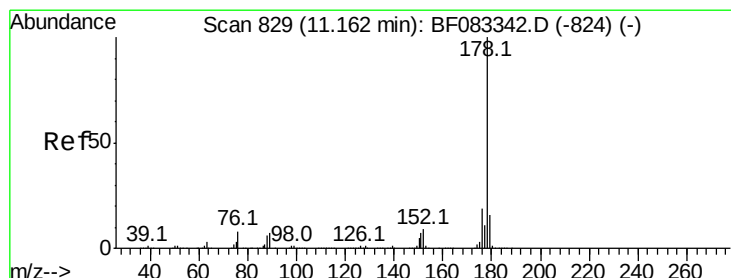
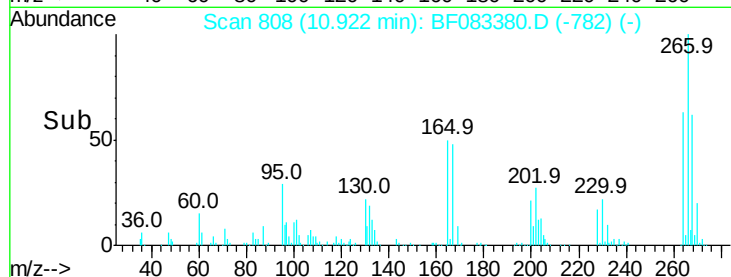
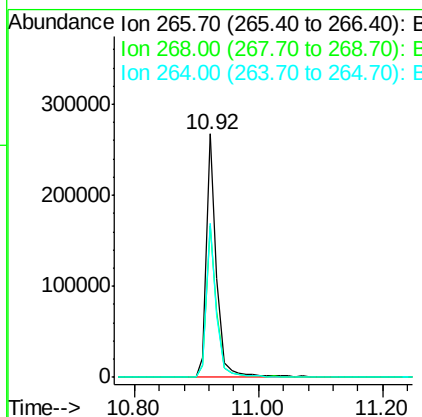
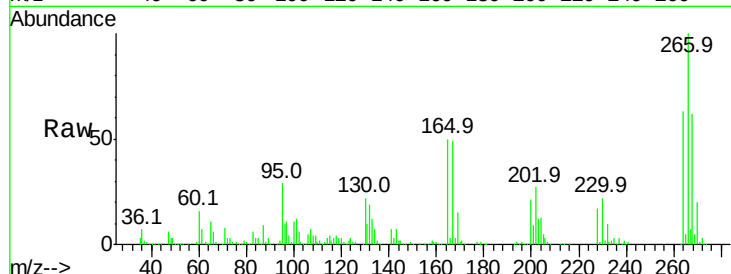
#69
 Pentachlorophenol
 Concen: 84.96 ng
 RT: 10.92 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	306335		
268	62.1	51.5	77.3	
264	63.3	50.4	75.6	

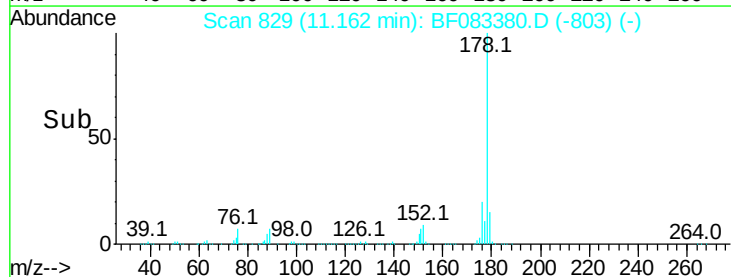
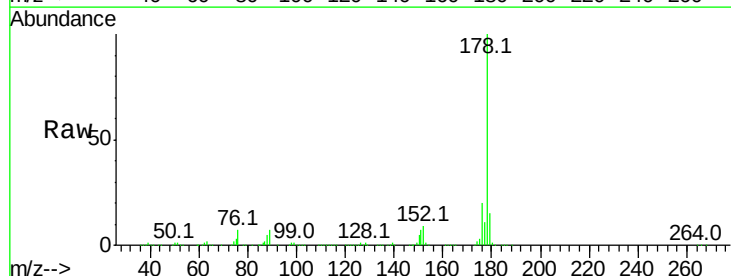
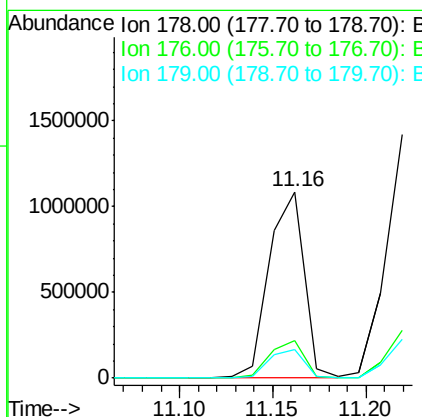
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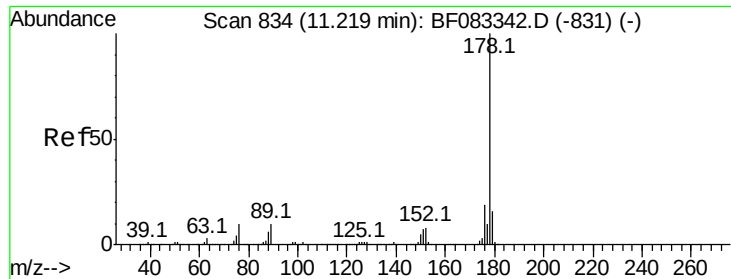
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#70
 Phenanthrene
 Concen: 42.47 ng
 RT: 11.16 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1430470		
176	19.9	15.3	22.9	
179	15.3	12.4	18.6	





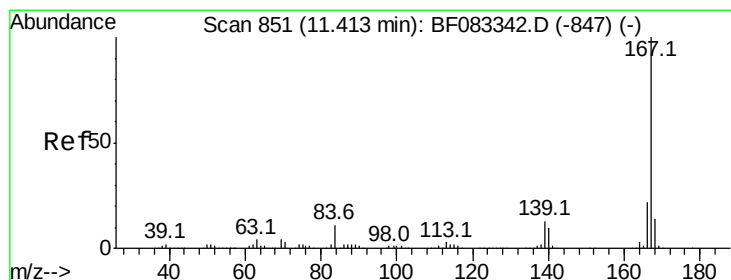
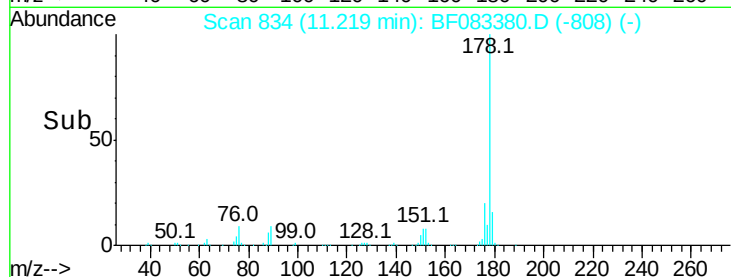
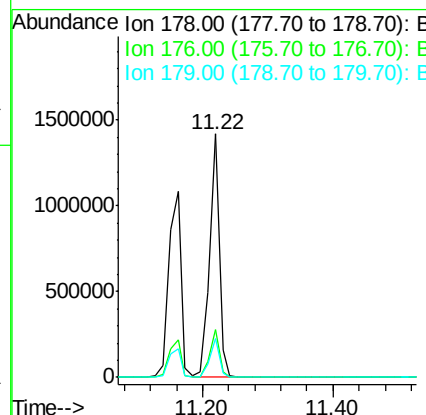
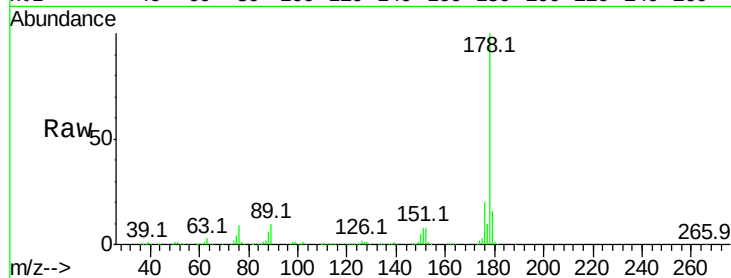
#71
 Anthracene
 Concen: 43.31 ng
 RT: 11.22 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion:178 Resp: 1468602
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 16.1 12.8 19.2

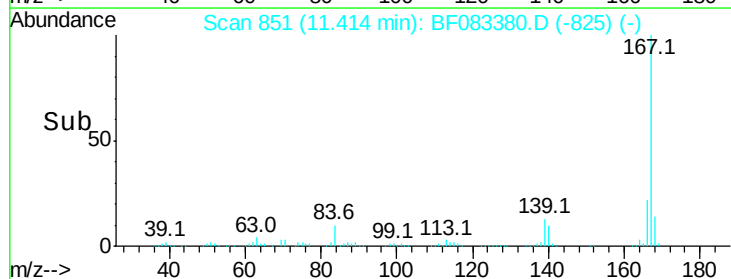
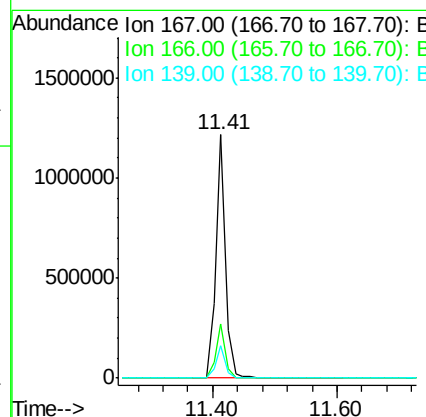
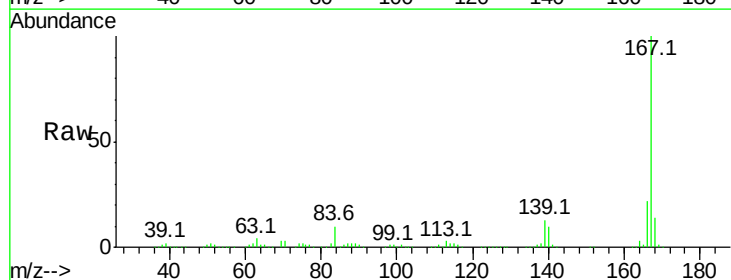
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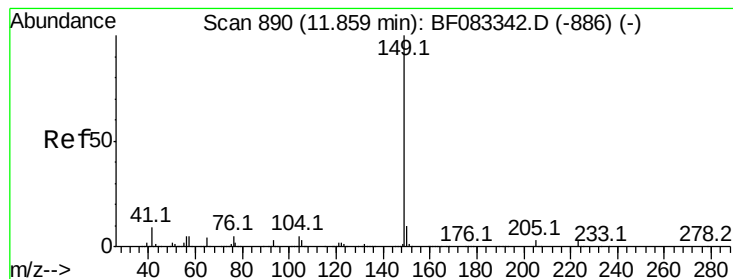
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#72
 Carbazole
 Concen: 42.48 ng
 RT: 11.41 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Tgt Ion:167 Resp: 1294160
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 13.4 10.5 15.7





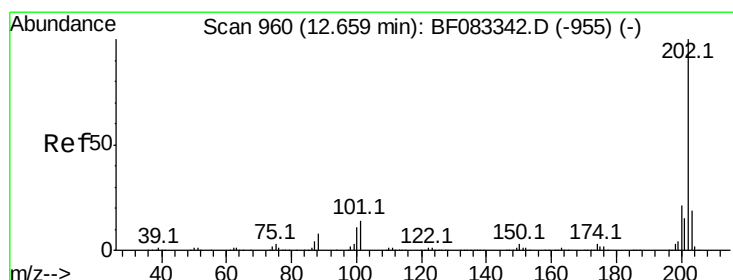
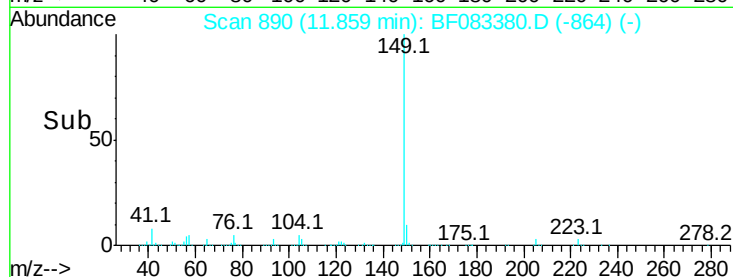
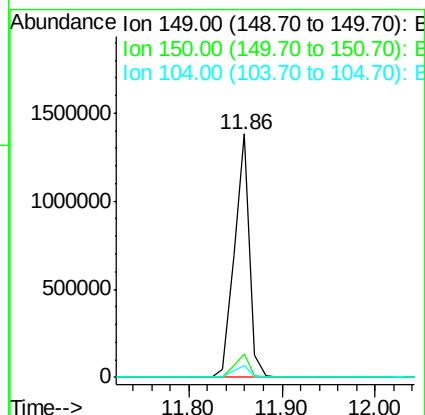
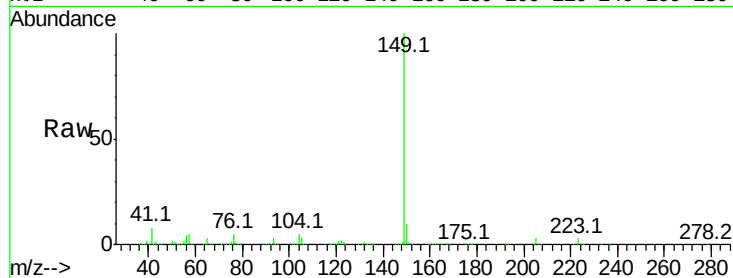
#73
Di-n-butylphthalate
Concen: 42.97 ng
RT: 11.86 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion:149 Resp: 1551219
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 4.9 4.0 6.0

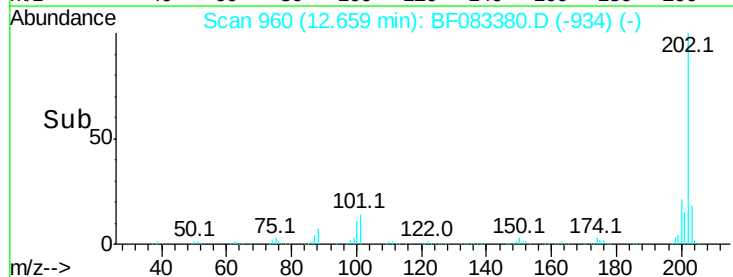
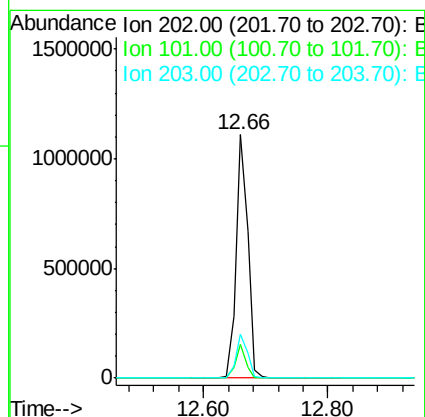
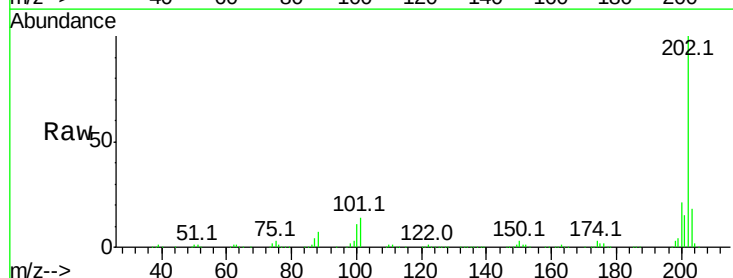
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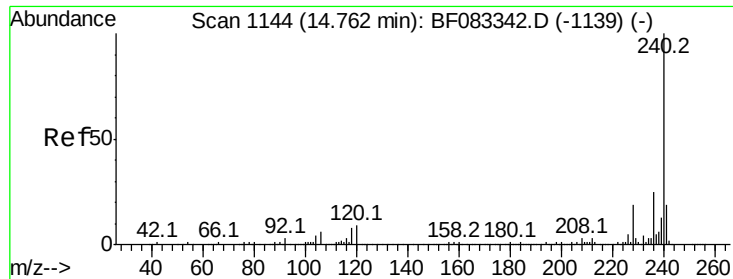
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#74
Fluoranthene
Concen: 41.86 ng
RT: 12.66 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion:202 Resp: 1461499
Ion Ratio Lower Upper
202 100
101 14.0 0.0 34.5
203 18.2 0.0 38.7





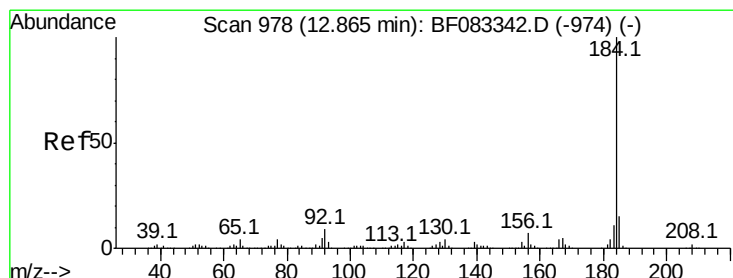
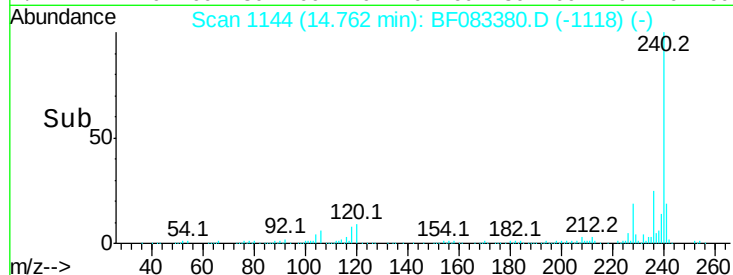
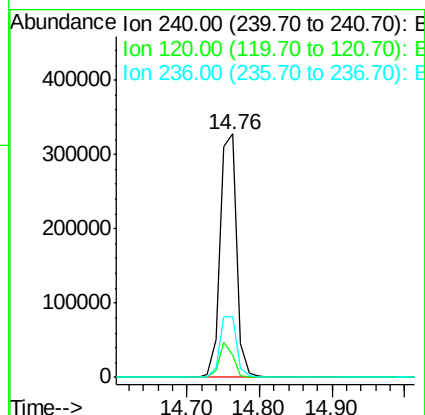
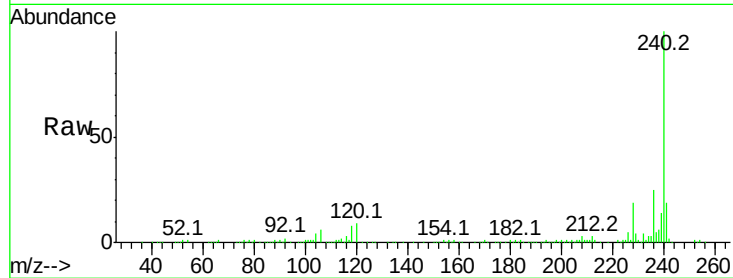
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion:	240	Resp:	513814
Ion Ratio	Lower	Upper	
240	100		
120	8.9	6.9	10.3
236	25.0	19.8	29.6

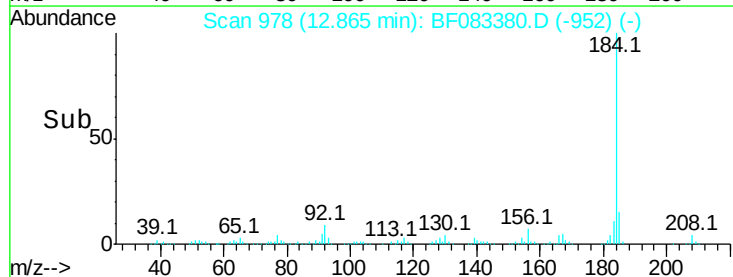
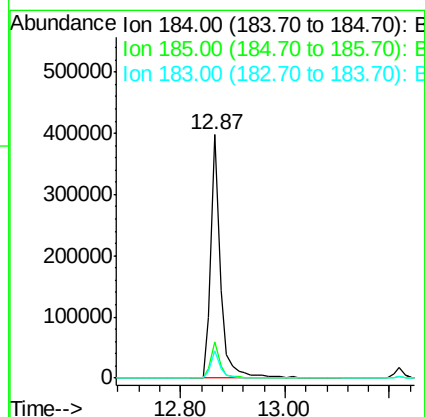
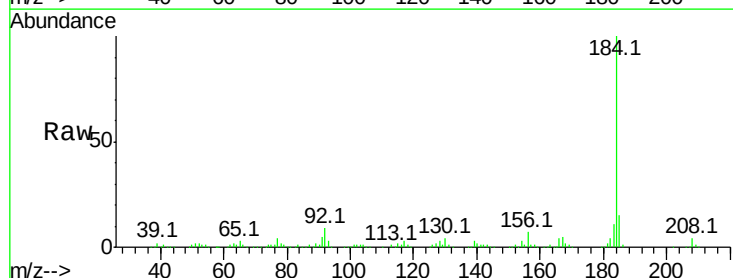
Manual Integrations
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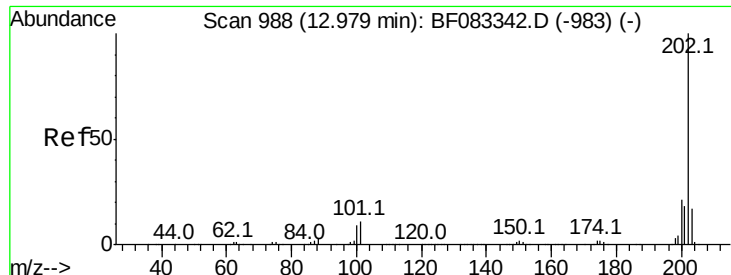
Mmdadoda
 12/2/2015 6:12:50 PM



#76
 Benzidine
 Concen: 33.78 ng
 RT: 12.87 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Tgt Ion:	184	Resp:	516894
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.4	18.6
183	11.0	9.0	13.4





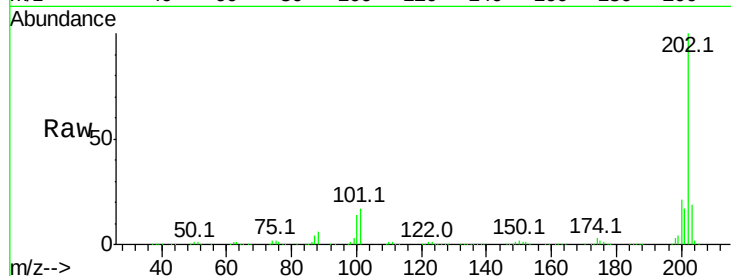
#77
Pvrene
Concen: 42.12 ng
RT: 12.97 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

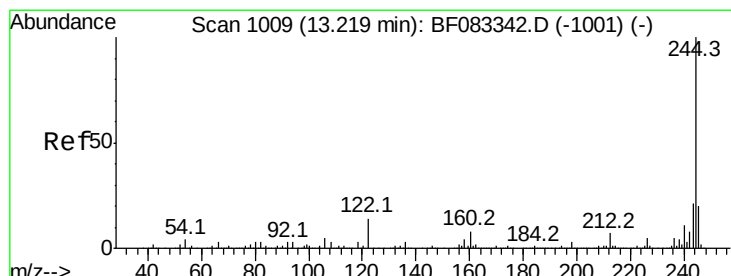
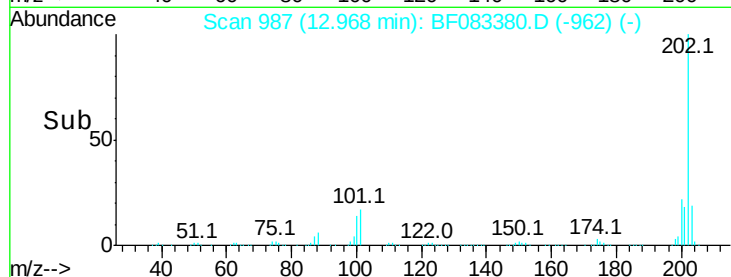
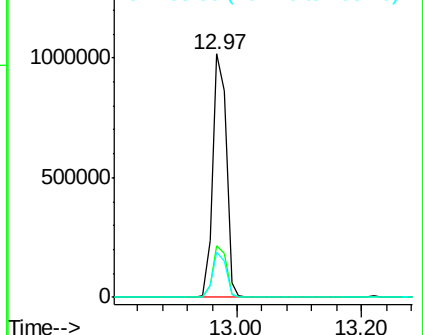
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.8	13.9	20.9

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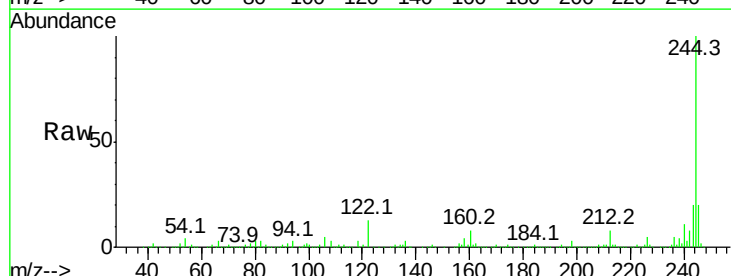


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

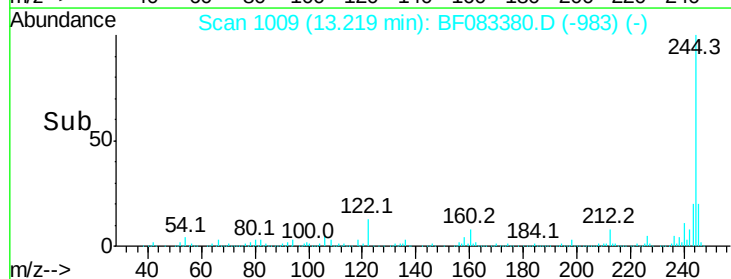
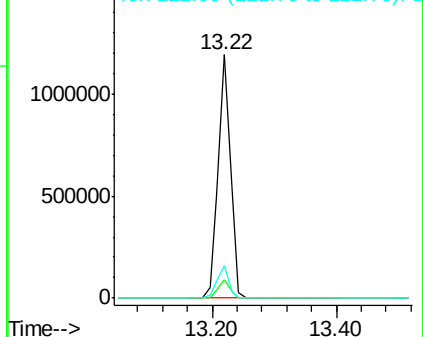


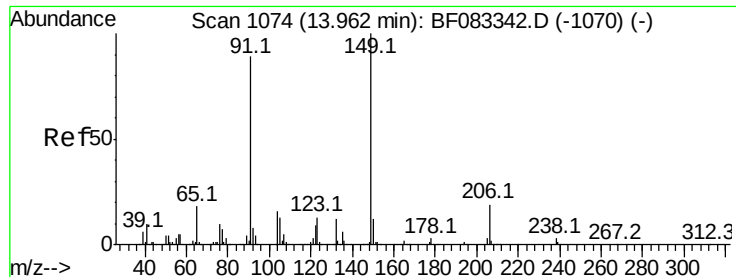
#78
Terphenyl-d14
Concen: 74.54 ng
RT: 13.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	13.2	11.0	16.4



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: 43.58 ng

RT: 13.96 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

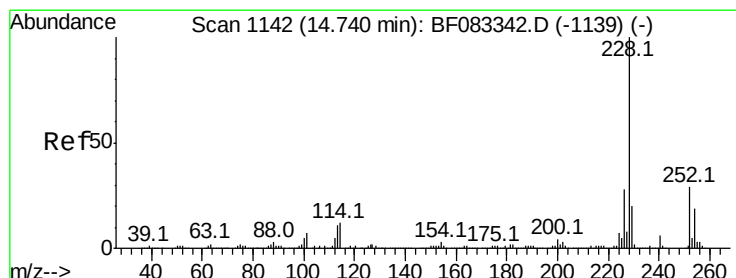
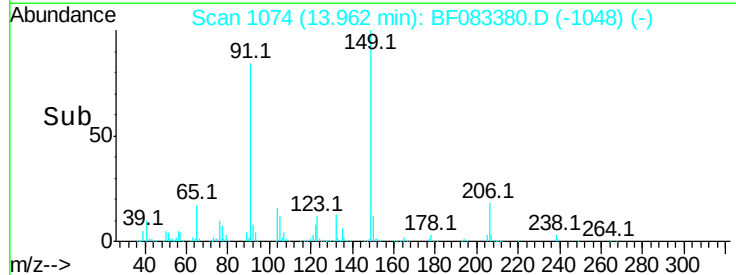
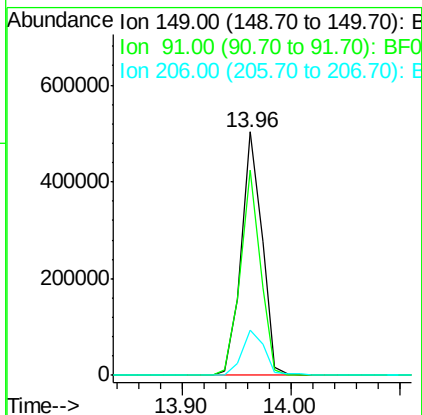
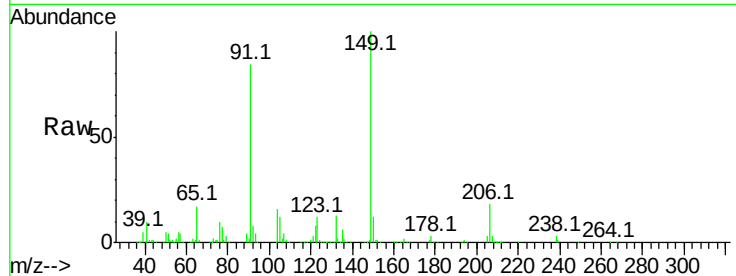
ClientSampleId :

PB87006BS

Tot Ion:	149	Resp:	663402
Ion Ratio	Lower	Upper	
149	100		
91	84.2	71.4	107.2
206	18.5	15.1	22.7

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#80

Benzo(a)anthracene

Concen: 42.15 ng

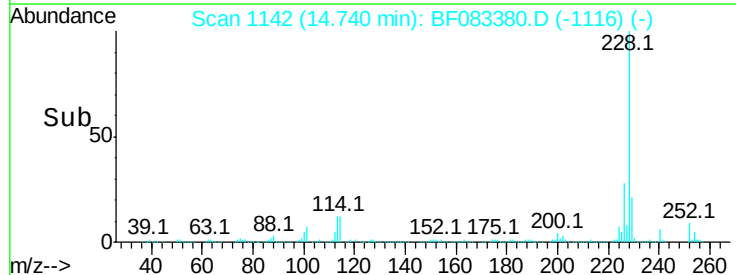
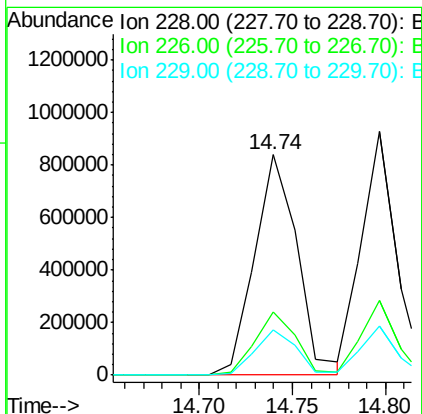
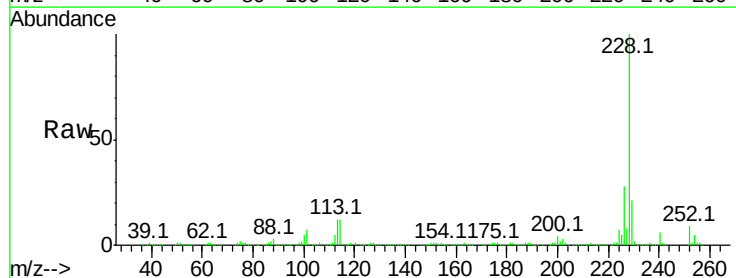
RT: 14.74 min Scan# 1142

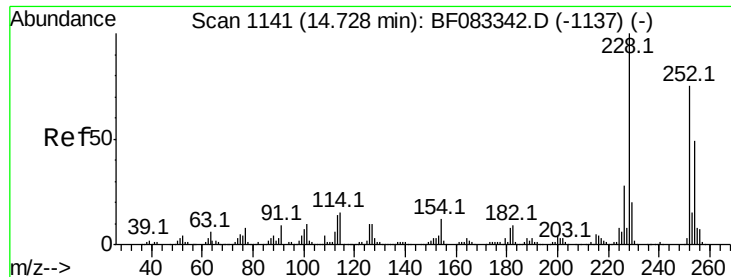
Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Tgt Ion:	228	Resp:	1326909
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.2	33.4
229	20.7	16.1	24.1





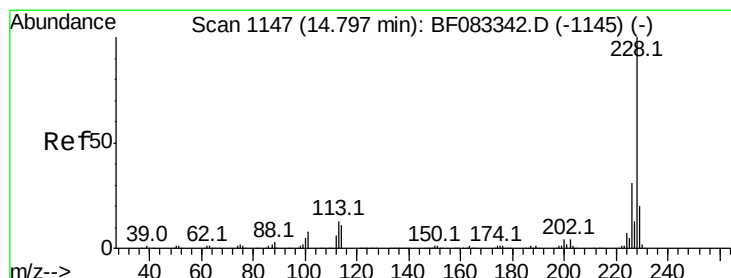
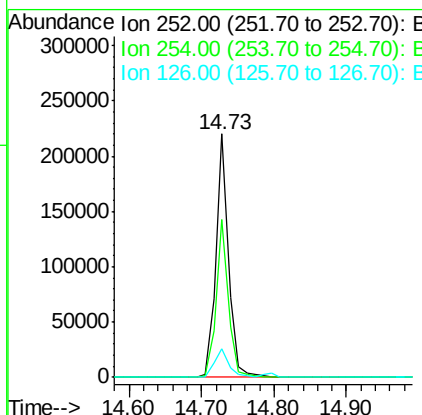
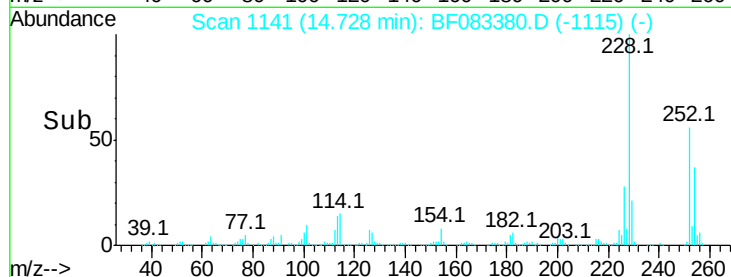
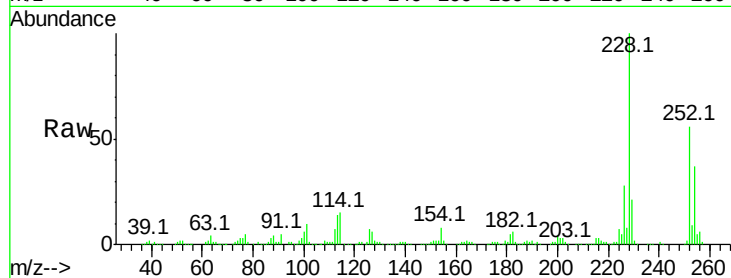
#81
 3,3'-Dichlorobenzidine
 Concen: 26.93 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	264829		
254	65.1	52.0	78.0	
126	11.9	10.7	16.1	

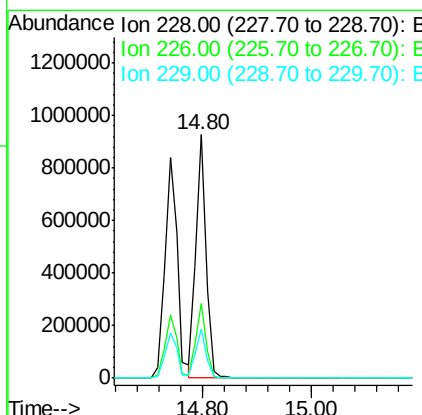
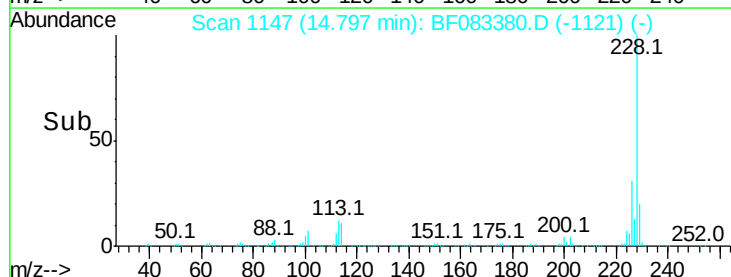
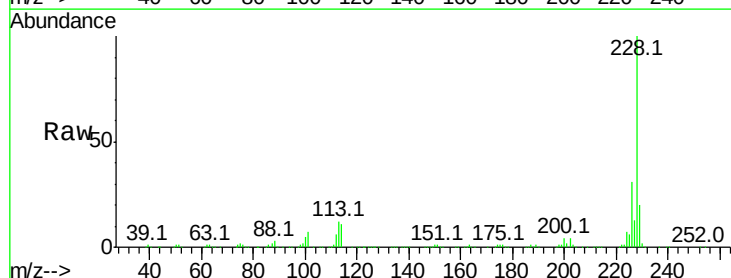
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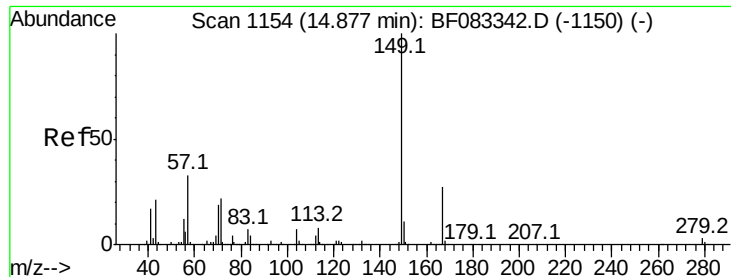
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#82
 Chrysene
 Concen: 39.25 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1193696		
226	30.8	24.6	37.0	
229	20.3	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.37 ng

RT: 14.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

ClientSampleId :

PB87006BS

Tot Ion:149 Resp: 926458

Ion Ratio Lower Upper

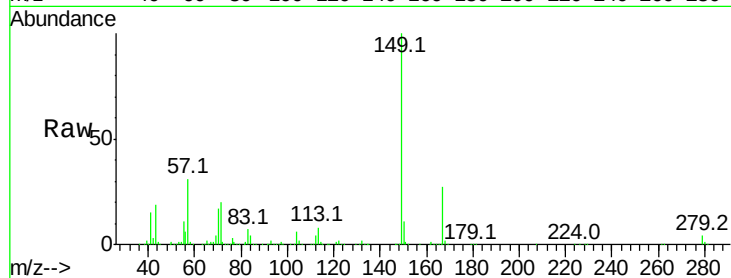
149 100

167 27.1 21.5 32.3

279 3.6 2.6 3.8

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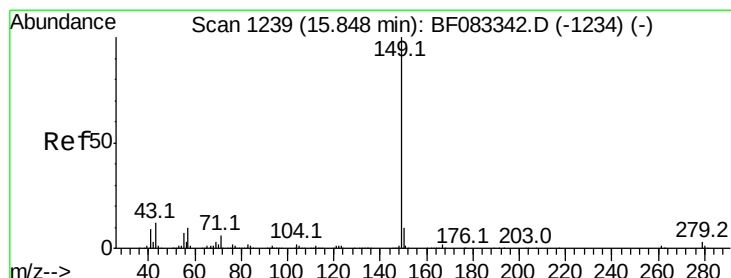
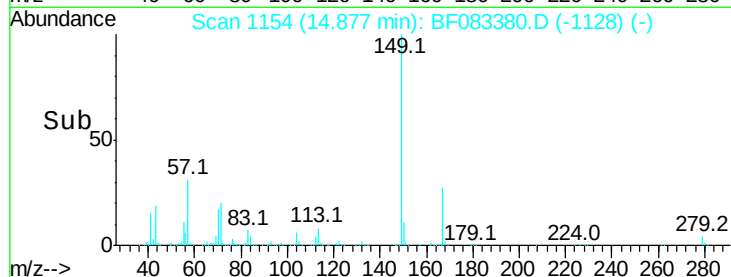
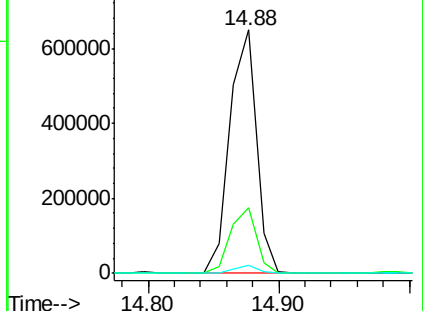
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.05 ng

RT: 15.84 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

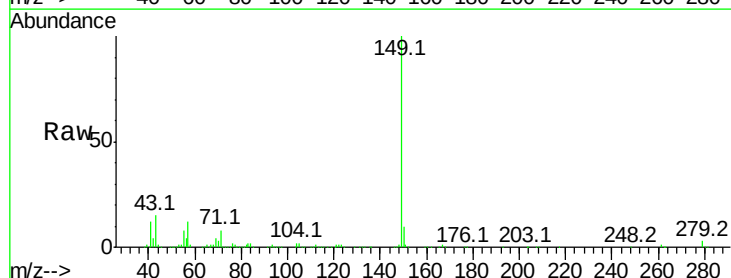
Tgt Ion:149 Resp: 1491315

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

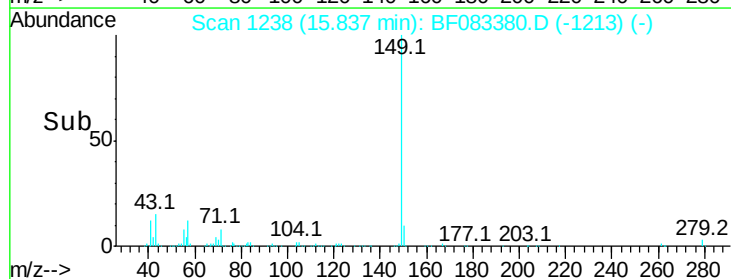
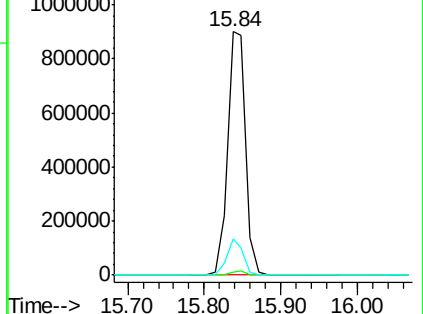
43 13.7 11.0 16.6

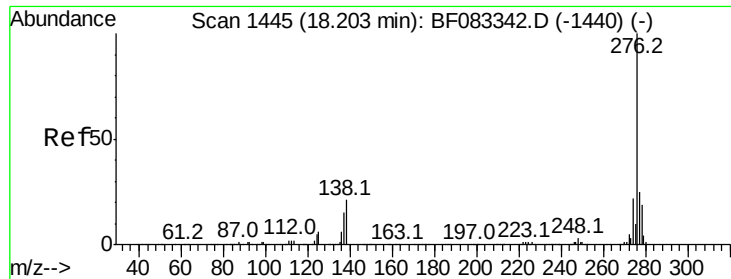


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.25 ng

RT: 18.20 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

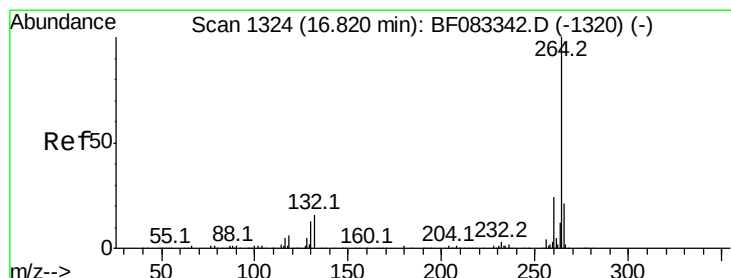
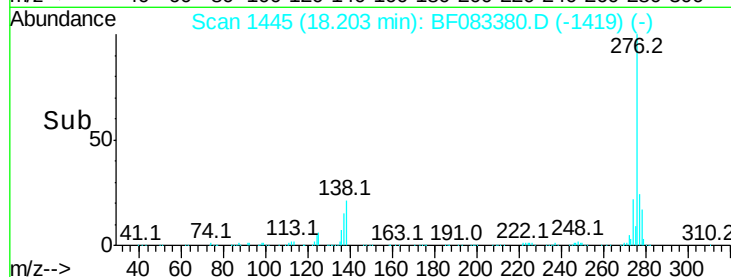
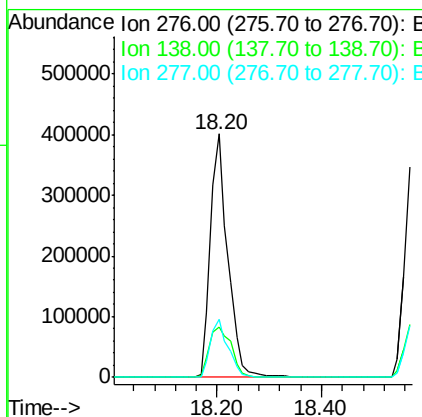
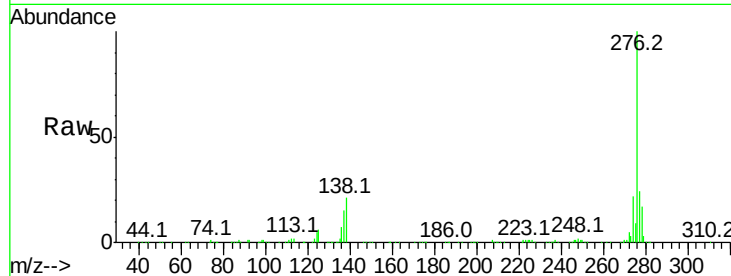
ClientSampleId :

PB87006BS

Tot Ion:	276	Resp:	935861
Ion Ratio	Lower	Upper	
276	100		
138	26.5	21.2	31.8
277	24.7	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

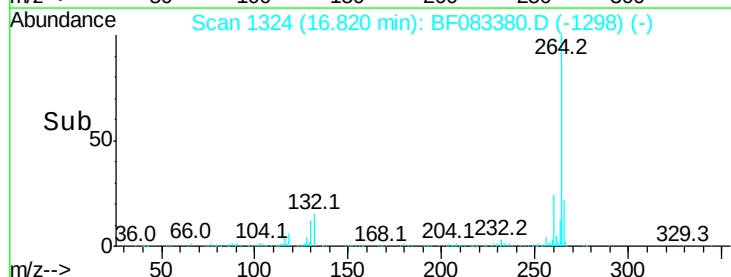
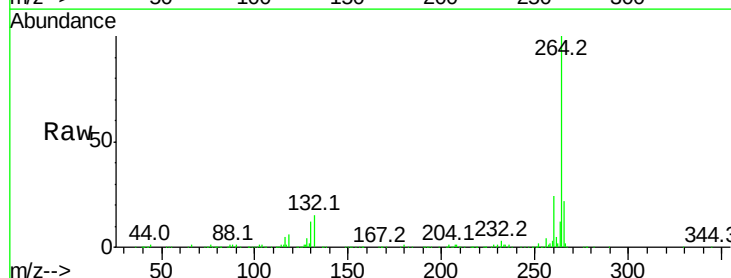
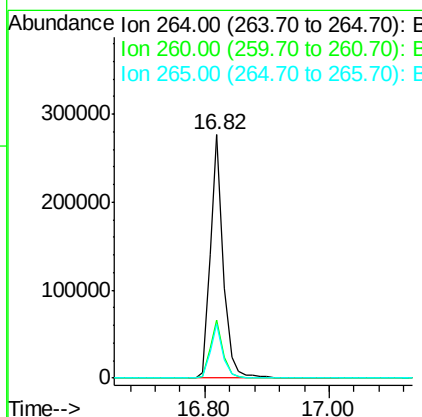
RT: 16.82 min Scan# 1324

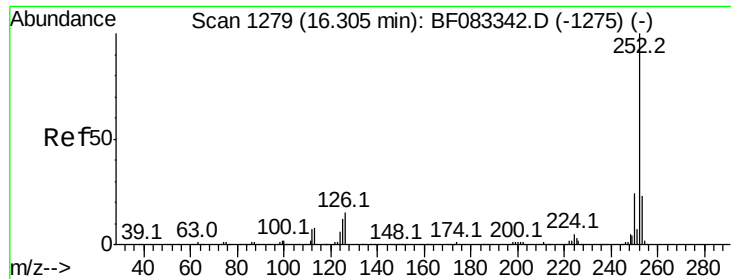
Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Tgt Ion:	264	Resp:	391046
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.0	28.4
265	22.1	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 43.03 ng

RT: 16.31 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

Instrument :

BNA_F

ClientSampleId :

PB87006BS

Tot Ion:252 Resp: 1079611

Ion Ratio Lower Upper

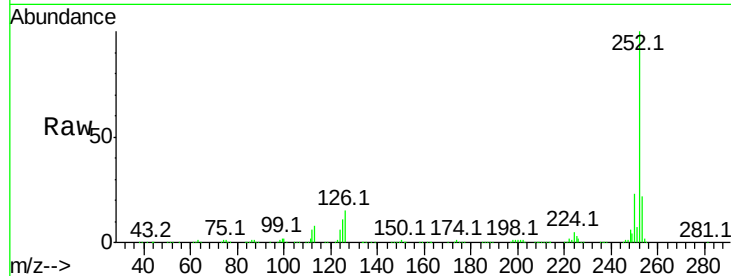
252 100

253 22.0 18.4 27.6

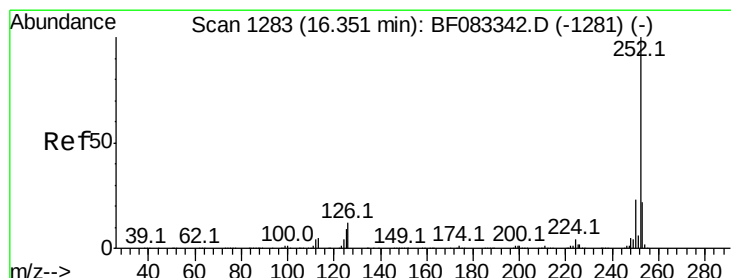
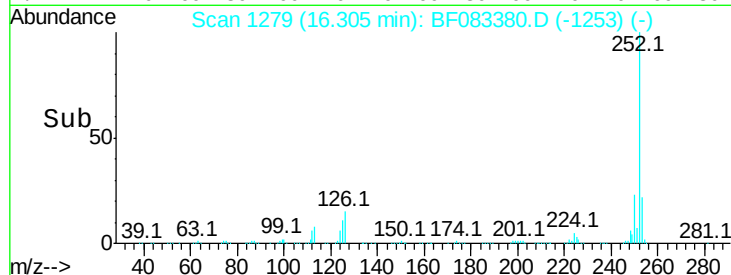
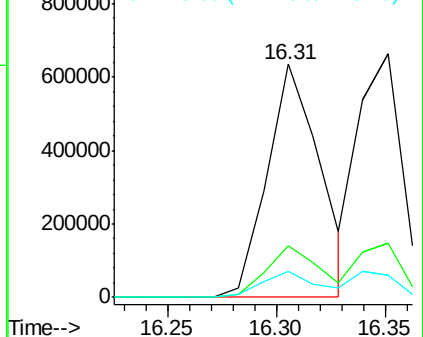
125 11.4 9.6 14.4

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



#88

Benzo(k)fluoranthene

Concen: 40.70 ng

RT: 16.35 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF083380.D

Acq: 1 Dec 2015 18:56

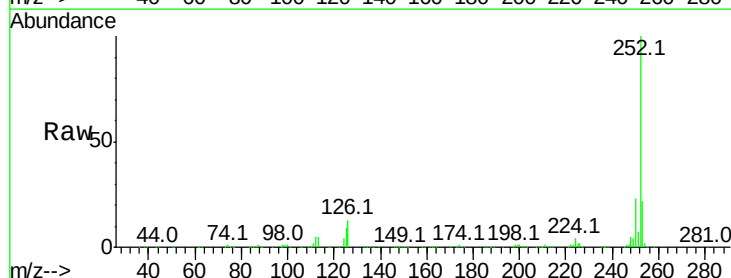
Tgt Ion:252 Resp: 964277

Ion Ratio Lower Upper

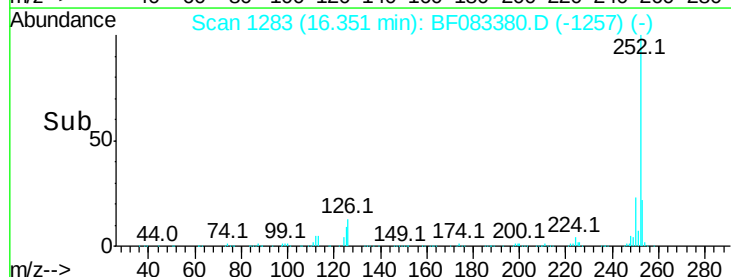
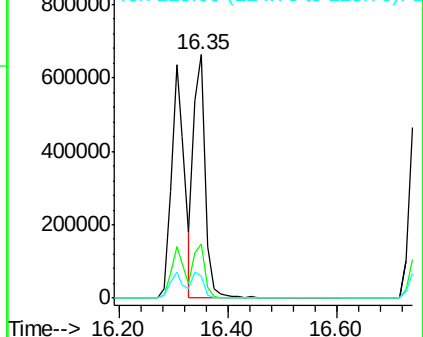
252 100

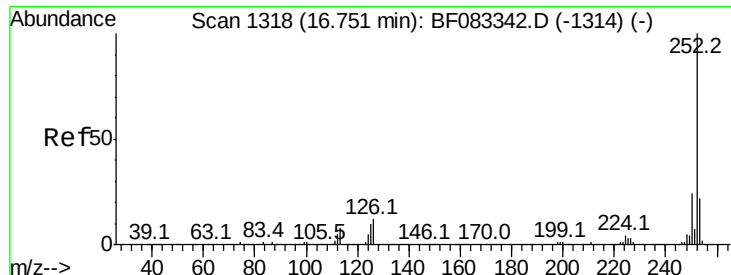
253 22.3 17.4 26.0

125 9.0 7.5 11.3



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





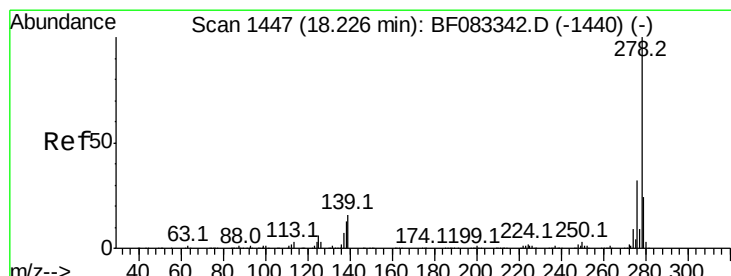
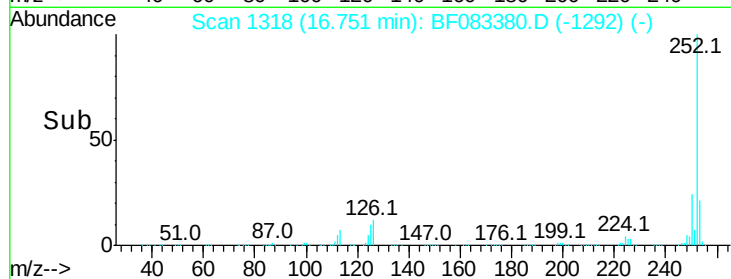
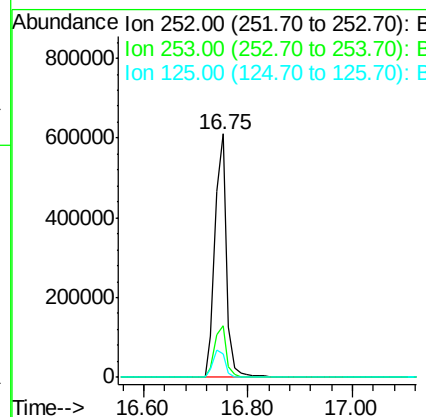
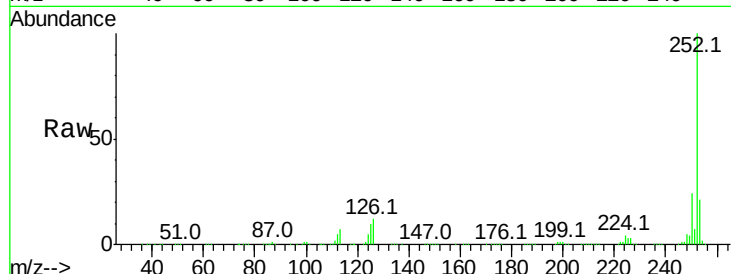
#89
Benzo(a)pyrene
Concen: 43.59 ng
RT: 16.75 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	9.6	7.8	11.8

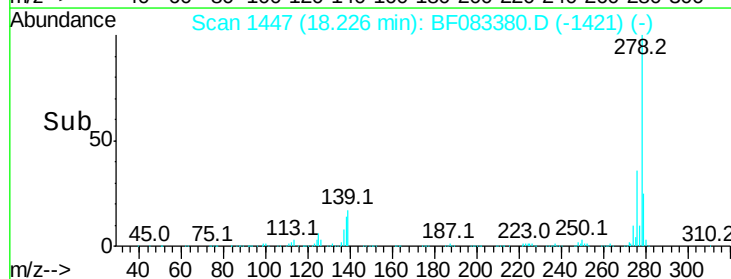
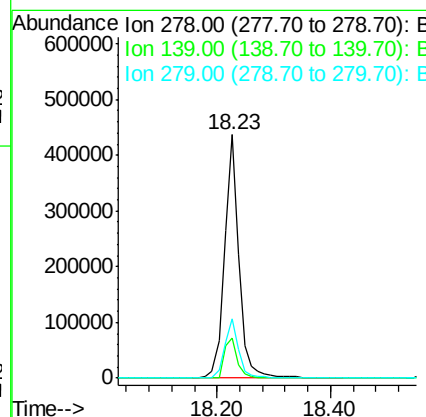
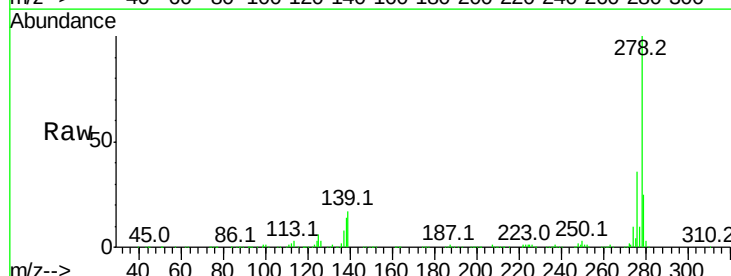
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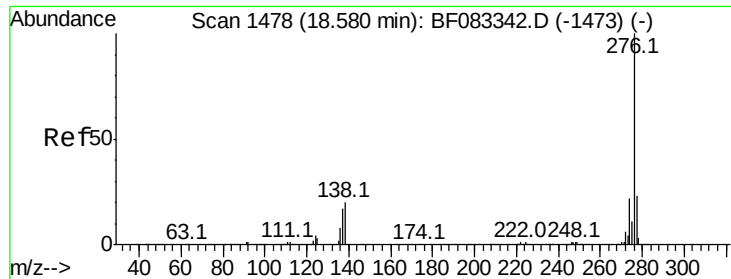
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#90
Dibenzo(a,h)anthracene
Concen: 41.21 ng
RT: 18.23 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF083380.D
Acq: 1 Dec 2015 18:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.1	19.7
279	24.6	19.2	28.8





#91
 Benzo(a,h,i)perylene
 Concen: 41.06 ng
 RT: 18.57 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF083380.D
 Acq: 1 Dec 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.5	18.6	28.0
138	25.0	16.1	24.1

Manual Integrations
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