

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083282.D
 Acq On : 25 Nov 2015 19:23
 Operator : UM/IZ
 Sample : G4559-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MS

Manual Integrations
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 11/26/2015 6:43:38 PM

Quant Time: Nov 26 02:46:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	158579	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	621693	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	314600	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	585529	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	452382	20.00	ng	-0.08
86) Perylene-d12	15.07	264	390939	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1073571	102.35	ng	-0.09
7) Phenol-d6	6.26	99	1451675	106.97	ng	-0.08
23) Nitrobenzene-d5	7.16	82	928163	68.22	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	281904	87.59	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1337057	59.26	ng	-0.07
78) Terphenyl-d14	12.69	244	1226222	63.83	ng	-0.08

Target Compounds						Qvalue
2) 1,4-Dioxane	2.07	88	147660	28.42	ng	# 86
3) Pyridine	2.73	79	215476m	15.70	ng	
4) n-Nitrosodimethylamine	2.64	42	232172	36.68	ng	88
6) Aniline	6.25	93	395671	23.86	ng	91
8) 2-Chlorophenol	6.38	128	414240	36.55	ng	99
9) Benzaldehyde	6.12	77	246768	34.97	ng	93
10) Phenol	6.27	94	612896	37.33	ng	# 74
11) bis(2-Chloroethyl)ether	6.33	93	442915	37.78	ng	93
12) 1,3-Dichlorobenzene	6.52	146	434818	33.60	ng	95
13) 1,4-Dichlorobenzene	6.60	146	455356	34.79	ng	97
14) 1,2-Dichlorobenzene	6.76	146	392658	33.01	ng	95
15) Benzyl Alcohol	6.75	79	405522	35.76	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	778568	42.59	ng	97
17) 2-Methylphenol	6.88	107	352120	37.55	ng	93
18) Hexachloroethane	7.10	117	154899	33.60	ng	# 80
19) n-Nitroso-di-n-propylamine	7.02	70	332623	35.22	ng	96
20) 3+4-Methylphenols	7.04	107	457579	38.60	ng	96
22) Acetophenone	7.00	105	596166	33.40	ng	# 96
24) Nitrobenzene	7.18	77	473919	32.60	ng	97
25) Isophorone	7.43	82	901602	35.00	ng	97
26) 2-Nitrophenol	7.50	139	204193	31.82	ng	# 82
27) 2,4-Dimethylphenol	7.56	122	361029	35.25	ng	90
28) bis(2-Chloroethoxy)methane	7.64	93	555848	37.11	ng	99
29) 2,4-Dichlorophenol	7.75	162	337849	34.68	ng	93
30) 1,2,4-Trichlorobenzene	7.83	180	354822	33.16	ng	98
31) Naphthalene	7.90	128	1093437	32.59	ng	99
32) Benzoic acid	7.70	122	212135	26.65	ng	96
33) 4-Chloroaniline	7.96	127	272414	20.93	ng	# 88
34) Hexachlorobutadiene	8.02	225	197545	31.24	ng	99
35) Caprolactam	8.33	113	111938m	35.85	ng	
36) 4-Chloro-3-methylphenol	8.47	107	396860	35.17	ng	98
37) 2-Methylnaphthalene	8.59	142	776161	35.64	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	316780	31.07	ng	98
40) Hexachlorocyclopentadiene	8.75	237	289947	50.01	ng	98

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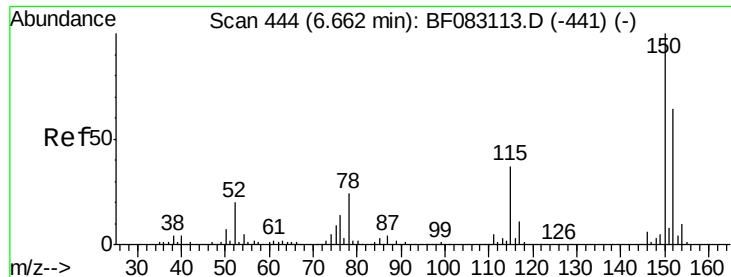
Manual Integrations
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 11/26/2015 6:43:38 PM

Quant Time: Nov 26 02:46:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	243251	33.31	nq	96
43) 2,4,5-Trichlorophenol	8.92	196	256679	34.38	nq	# 90
45) 1,1'-Biphenyl	9.06	154	873789	32.63	nq	98
46) 2-Chloronaphthalene	9.07	162	682883	32.47	nq	94
47) 2-Nitroaniline	9.19	65	273335	36.74	nq	# 70
48) Acenaphthylene	9.48	152	1063227	32.62	nq	99
49) Dimethylphthalate	9.37	163	1171269	48.36	nq	99
50) 2,6-Dinitrotoluene	9.43	165	196028	36.07	nq	# 77
51) Acenaphthene	9.66	154	630079	31.76	nq	98
52) 3-Nitroaniline	9.60	138	145783	25.16	nq	97
53) 2,4-Dinitrophenol	9.70	184	197832	63.18	nq	89
54) Dibenzofuran	9.83	168	935876	33.37	nq	96
55) 4-Nitrophenol	9.78	139	255118	57.42	nq	87
56) 2,4-Dinitrotoluene	9.83	165	255868	37.16	nq	90
57) Fluorene	10.17	166	752161	32.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	202067	32.99	nq	96
59) Diethylphthalate	10.07	149	844965	35.05	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	357368	33.66	nq	90
61) 4-Nitroaniline	10.20	138	176775	30.99	nq	91
62) Azobenzene	10.33	77	1025139	37.25	nq	96
64) 4,6-Dinitro-2-methylphenol	10.24	198	132874	32.94	nq	77
65) n-Nitrosodiphenylamine	10.30	169	693530	34.83	nq	99
66) 4-Bromophenyl-phenylether	10.65	248	210436	32.39	nq	# 76
67) Hexachlorobenzene	10.72	284	237628	33.21	nq	93
68) Atrazine	10.82	200	200491	34.67	nq	99
69) Pentachlorophenol	10.92	266	269039	57.73	nq	98
70) Phenanthrene	11.12	178	1105375	32.77	nq	99
71) Anthracene	11.18	178	1182422	34.35	nq	99
72) Carbazole	11.34	167	1002504	32.77	nq	99
73) Di-n-butylphthalate	11.68	149	1245984	33.37	nq	100
74) Fluoranthene	12.31	202	1112402	32.22	nq	95
76) Benzidine	12.43	184	173941	14.67	nq	98
77) Pyrene	12.53	202	1054640	34.12	nq	99
79) Butylbenzylphthalate	13.17	149	498356	34.07	nq	97
80) Benzo(a)anthracene	13.71	228	887642	31.73	nq	99
81) 3,3'-Dichlorobenzidine	13.68	252	229095	23.53	nq	# 96
82) Chrysene	13.75	228	804387m	31.00	nq	
83) Bis(2-ethylhexyl)phthalate	13.74	149	661359	34.62	nq	# 94
84) Di-n-octyl phthalate	14.34	149	1026383	31.21	nq	97
85) Indeno(1,2,3-cd)pyrene	16.30	276	752981	31.91	nq	96
87) Benzo(b)fluoranthene	14.71	252	951689m	35.63	nq	
88) Benzo(k)fluoranthene	14.74	252	453238m	22.77	nq	
89) Benzo(a)pyrene	15.02	252	670062	30.38	nq	# 95
90) Dibenzo(a,h)anthracene	16.31	278	649387	32.42	nq	# 95
91) Benzo(g,h,i)perylene	16.66	276	626056	32.01	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 403

Delta R.T. -0.07 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

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BNA_F

ClientSampleId :

P001-BF005-01MS

Tot Ion:152 Resp: 158579

Ion Ratio Lower Upper

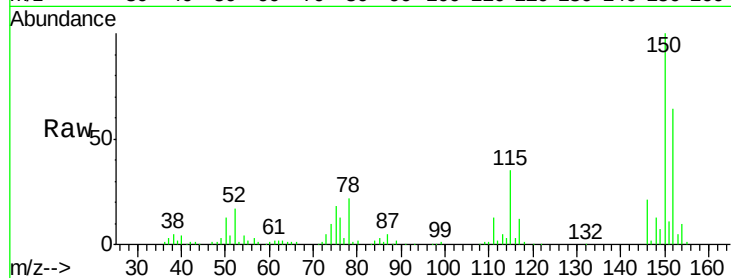
152 100

150 156.4 125.8 188.8

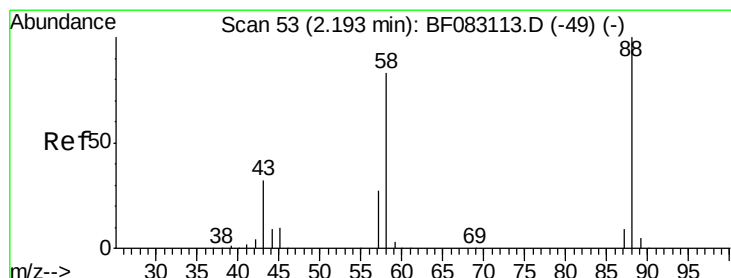
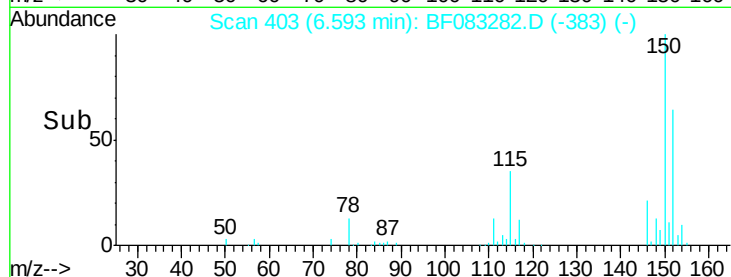
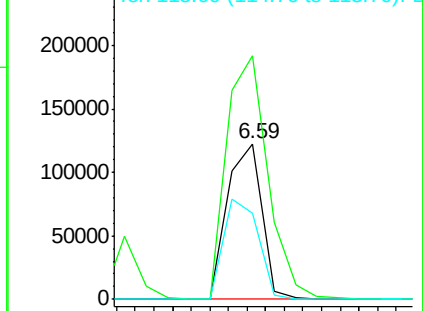
115 55.1 46.9 70.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.42 ng

RT: 2.07 min Scan# 7

Delta R.T. -0.13 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

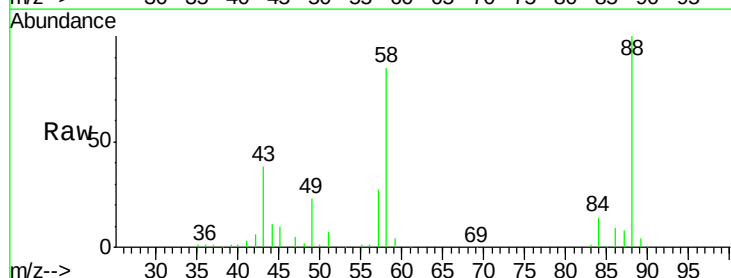
Tgt Ion: 88 Resp: 147660

Ion Ratio Lower Upper

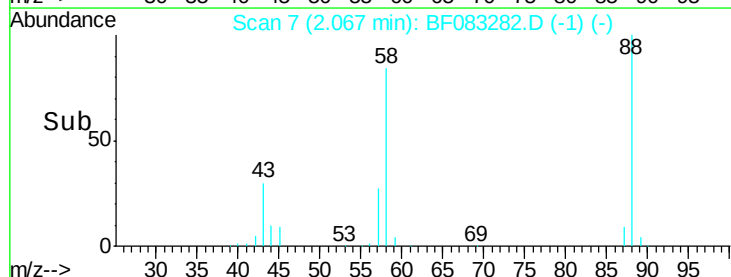
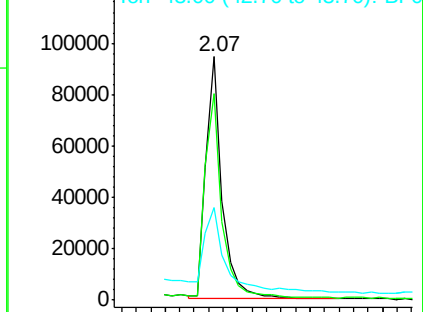
88 100

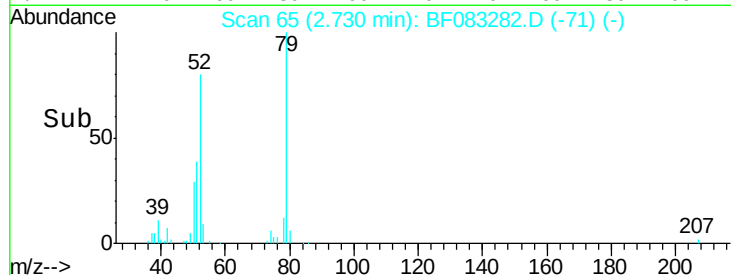
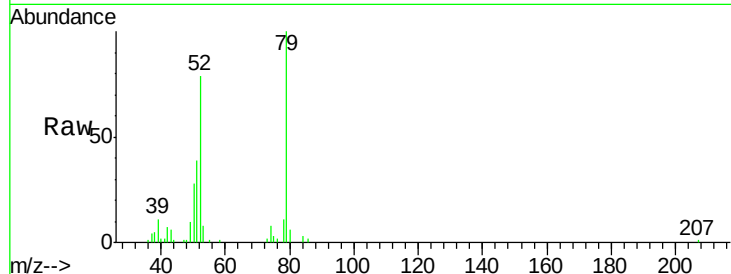
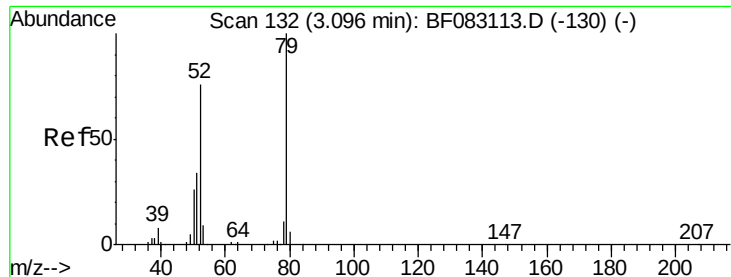
58 86.8 65.0 97.6

43 50.3 24.7 37.1#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





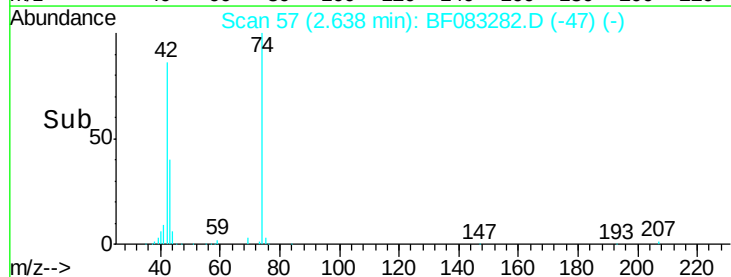
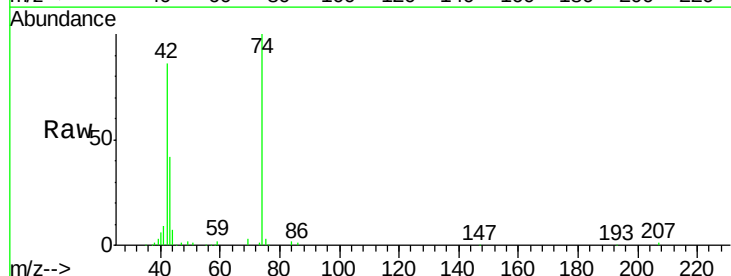
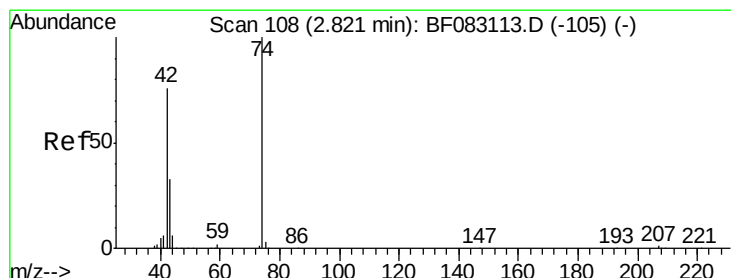
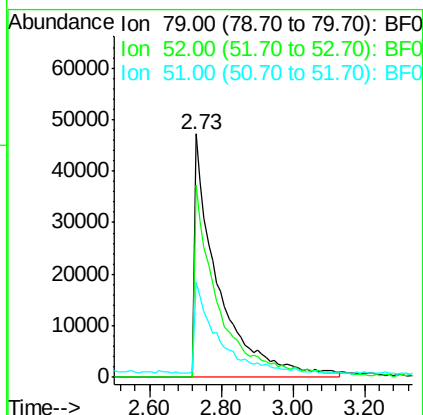
#3
 Pvridine
 Concen: 15.70 ng/ml
 RT: 2.73 min Scan# 65
 Delta R.T. -0.37 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Tot Ion:	79	Resp:	215476
Ion Ratio	Lower	Upper	
79	100		
52	78.9	60.7	91.1
51	39.3	27.9	41.9

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MS

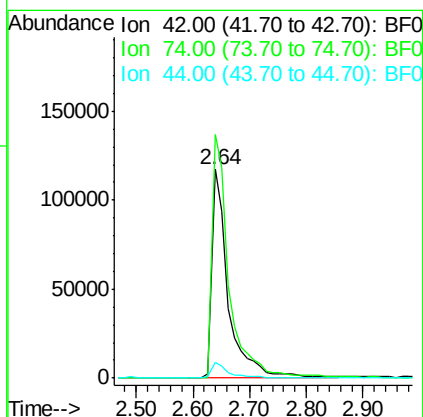
Manual Integrations
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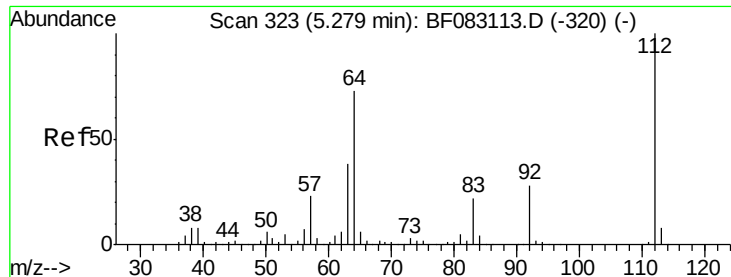
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#4
 n-Nitrosodimethylamine
 Concen: 36.68 ng
 RT: 2.64 min Scan# 57
 Delta R.T. -0.18 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Tgt Ion:	42	Resp:	232172
Ion Ratio	Lower	Upper	
42	100		
74	116.7	104.8	157.2
44	7.7	6.2	9.4





#5

2-Fluorophenol

Concen: 102.35 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01MS

Tot Ion: 112 Resp: 1073571

Ion Ratio Lower Upper

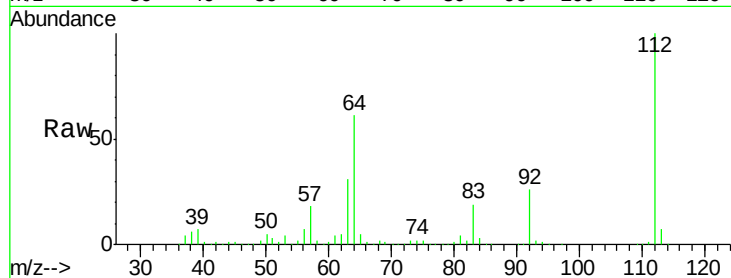
112 100

64 61.5 58.4 87.6

63 30.7 30.0 45.0

Manual Integrations
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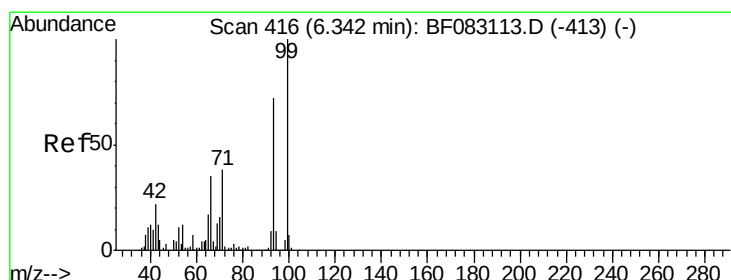
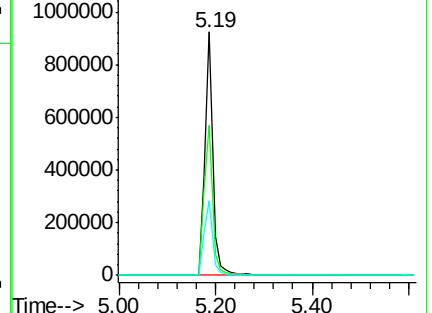
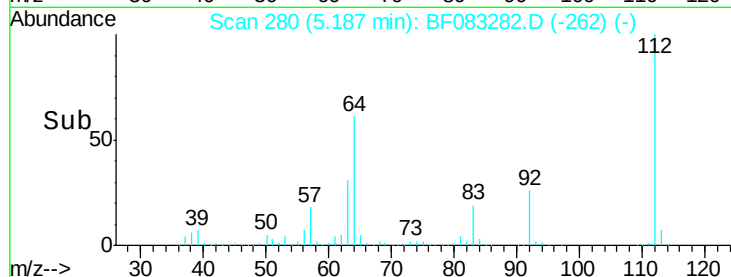
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.86 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

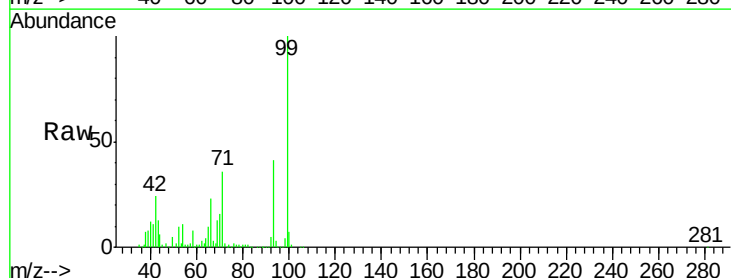
Tgt Ion: 93 Resp: 395671

Ion Ratio Lower Upper

93 100

66 56.1 38.7 58.1

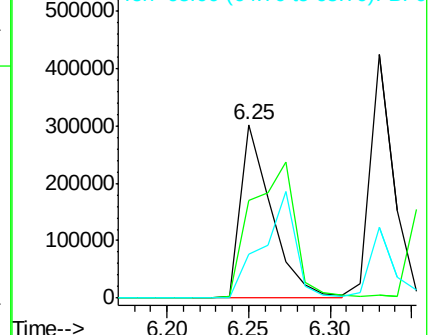
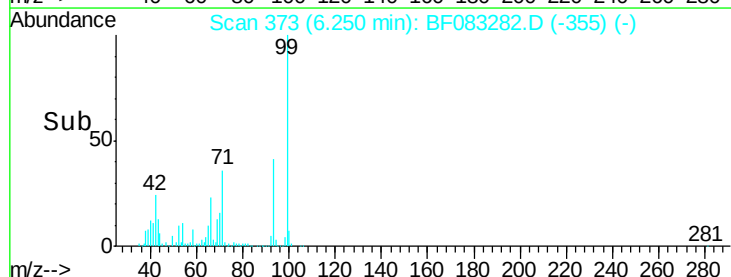
65 25.2 18.6 27.8

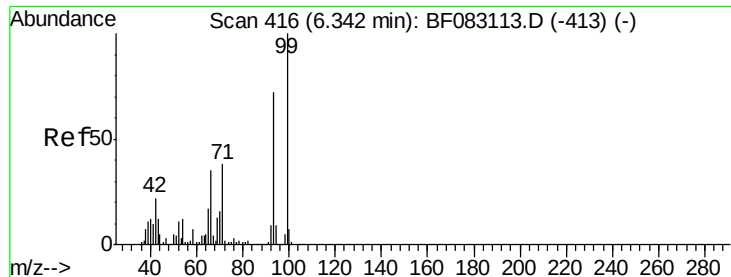


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.97 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01MS

Tot Ion: 99 Resp: 1451675

Ion Ratio Lower Upper

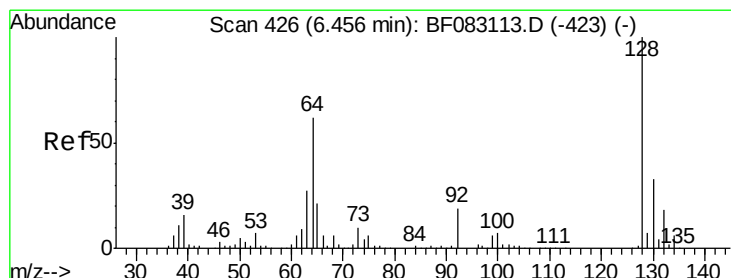
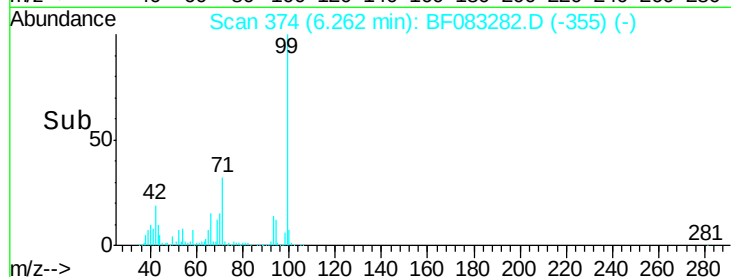
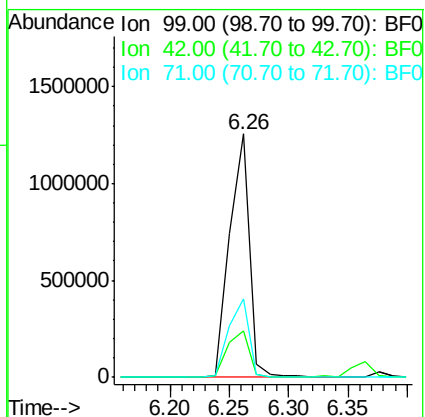
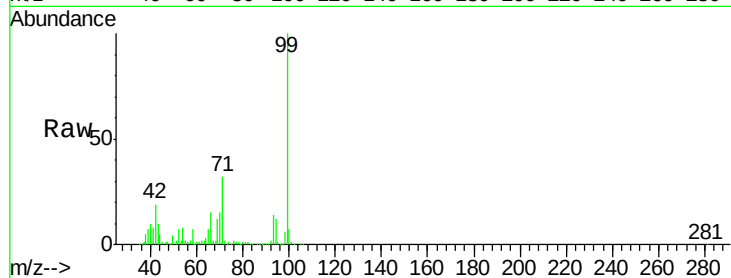
99 100

42 19.2 17.7 26.5

71 32.1 30.2 45.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.55 ng

RT: 6.38 min Scan# 384

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

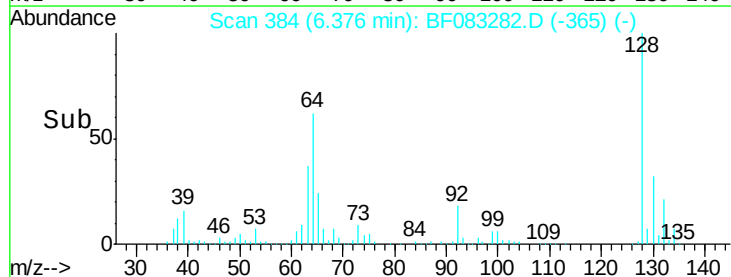
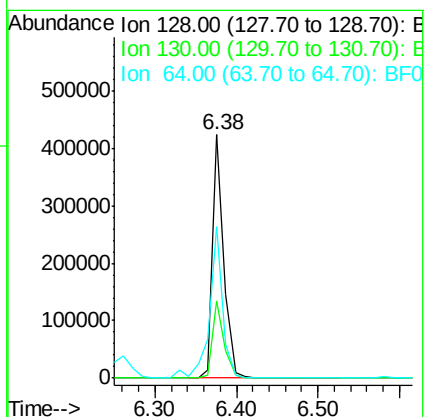
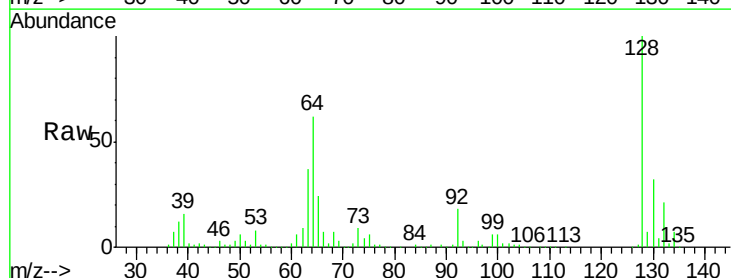
Tgt Ion: 128 Resp: 414240

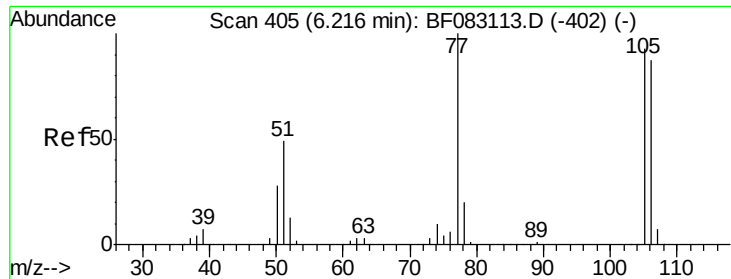
Ion Ratio Lower Upper

128 100

130 31.7 12.6 52.6

64 62.1 41.9 81.9





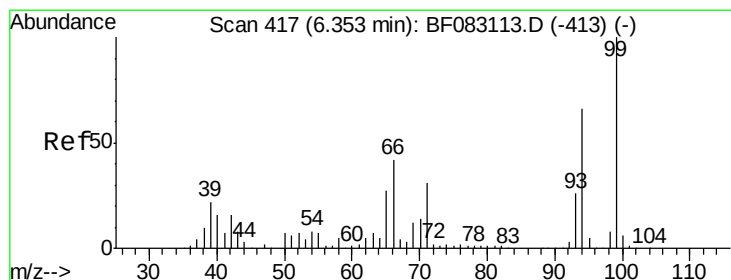
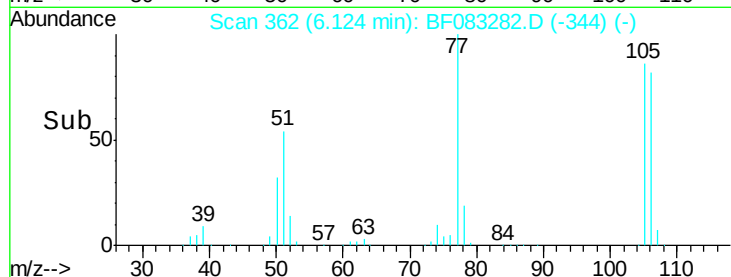
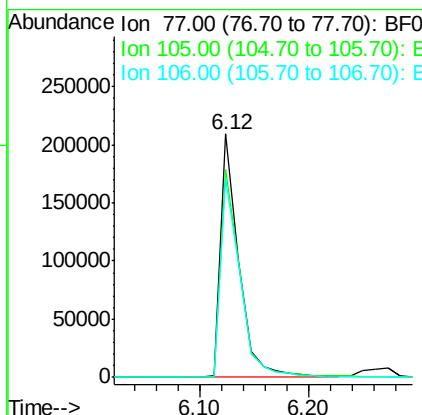
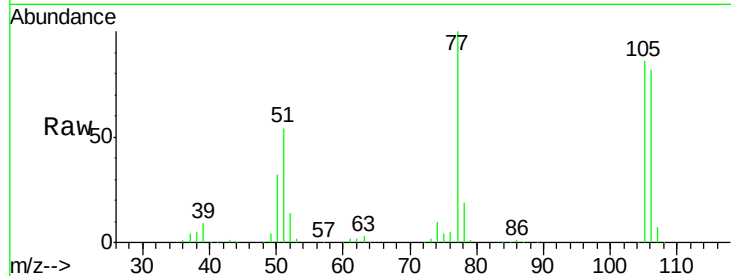
#9
Benzaldehyde
Concen: 34.97 ng
RT: 6.12 min Scan# 362
Delta R.T. -0.09 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	85.6	73.4	113.4
106	81.8	67.5	107.5

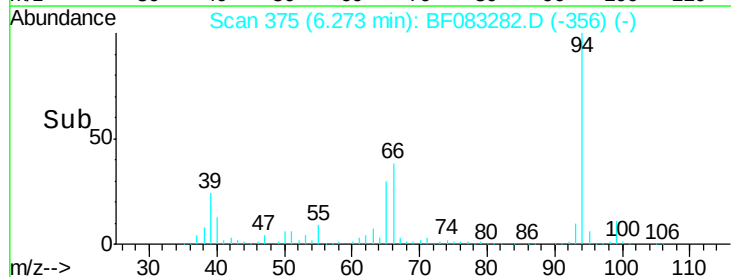
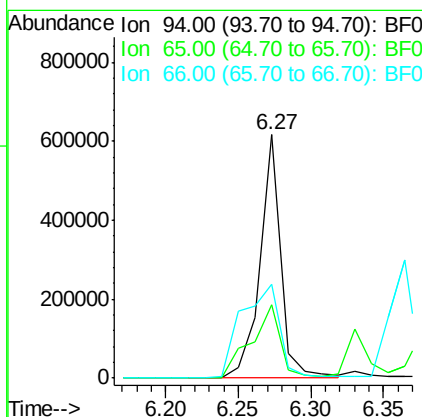
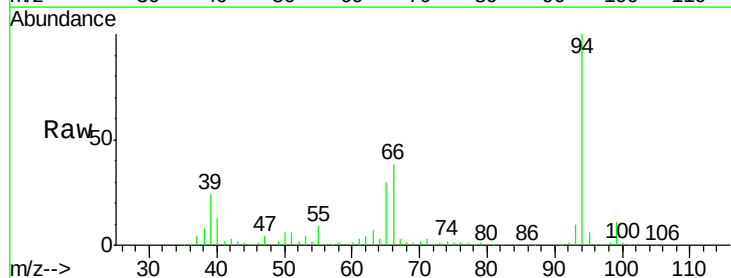
Manual Integrations
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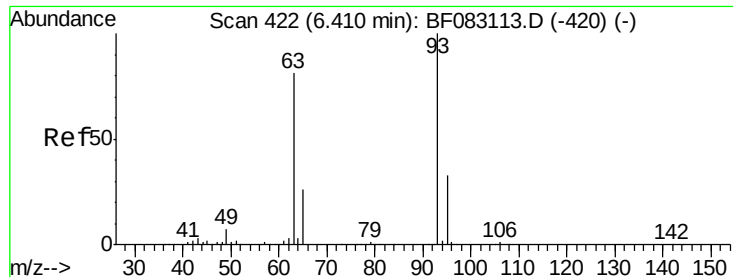
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#10
Phenol
Concen: 37.33 ng
RT: 6.27 min Scan# 375
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	21.1	61.1
66	38.4	43.1	83.1





#11

bis(2-Chloroethyl)ether

Concen: 37.78 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

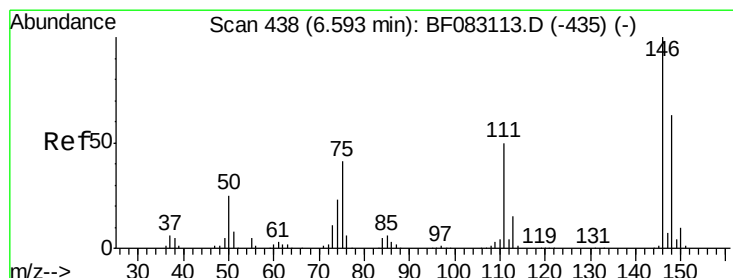
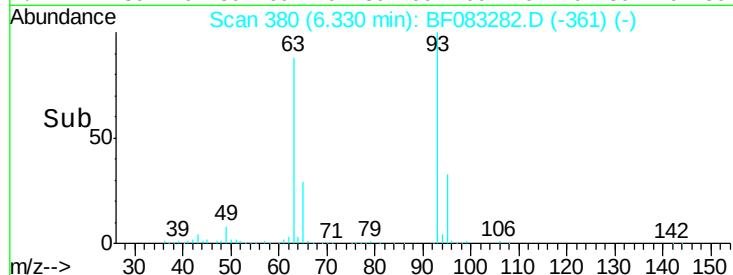
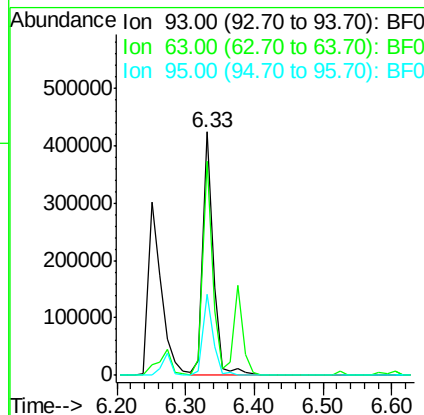
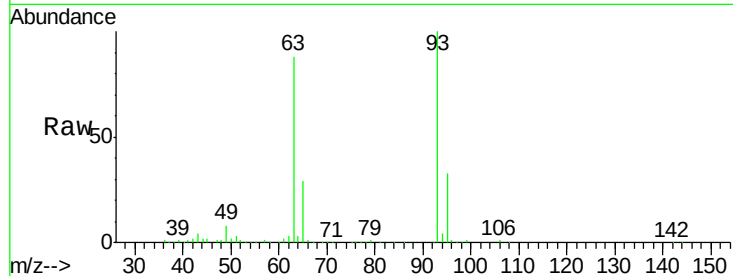
ClientSampleId :

P001-BF005-01MS

Tot Ion:	93	Resp:	442915
Ion Ratio	Lower	Upper	
93	100		
63	88.1	59.8	99.8
95	33.1	13.0	53.0

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 33.60 ng

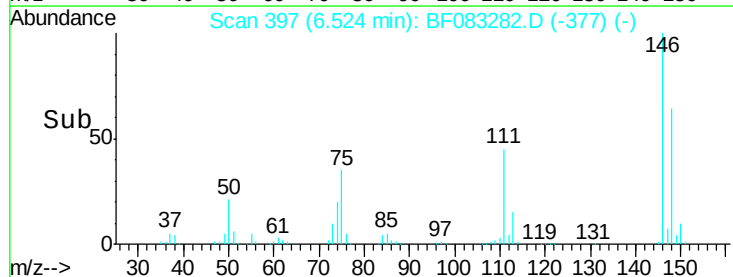
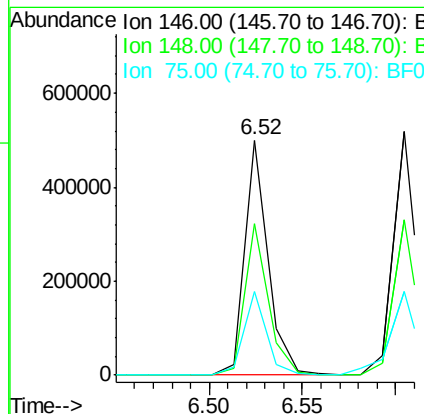
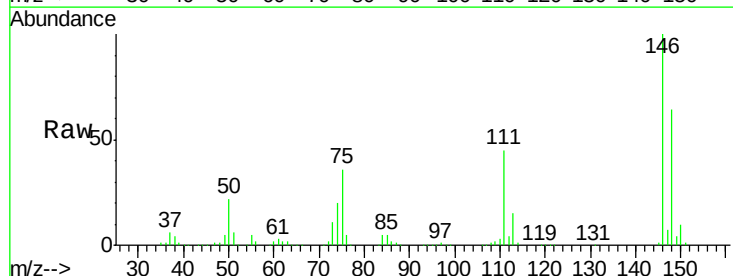
RT: 6.52 min Scan# 397

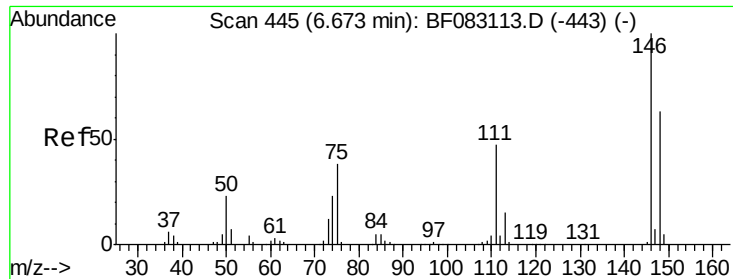
Delta R.T. -0.07 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Tgt Ion:	146	Resp:	434818
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.2	75.2
75	35.5	32.7	49.1





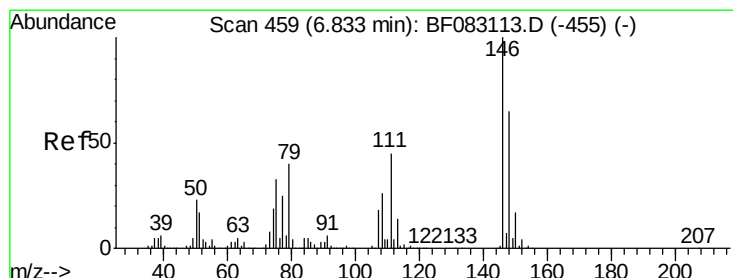
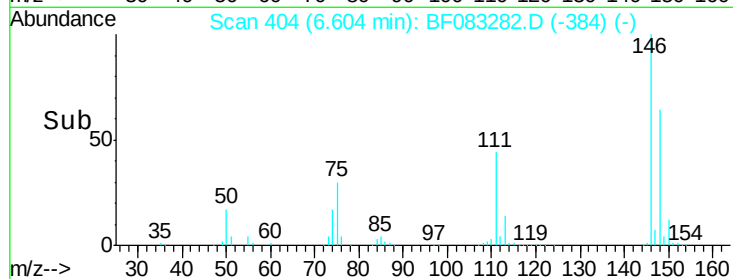
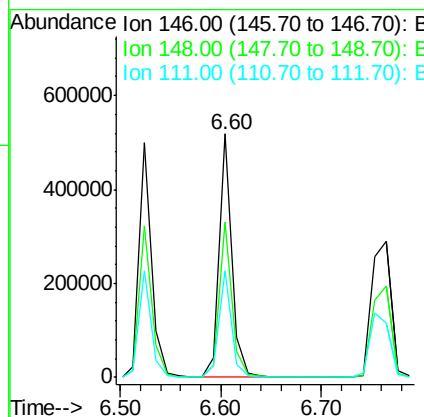
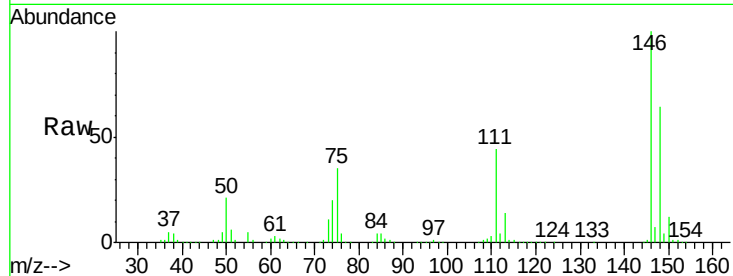
#13
 1,4-Dichlorobenzene
 Concen: 34.79 ng
 RT: 6.60 min Scan# 404
 Delta R.T. -0.07 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.2	75.2
111	43.9	37.5	56.3

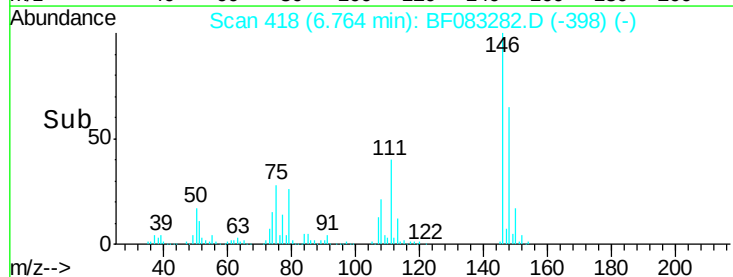
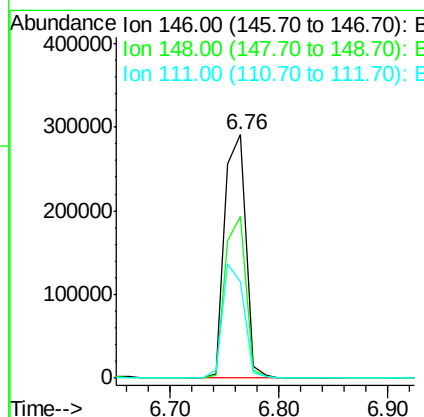
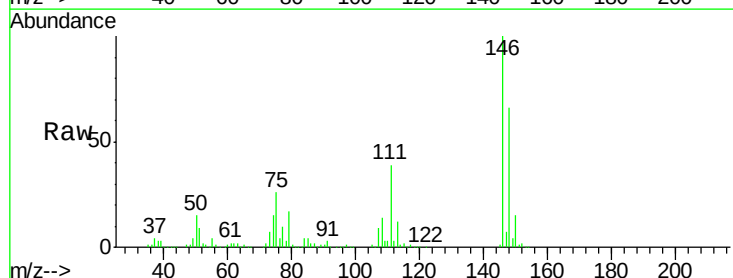
Manual Integrations
 APPROVED

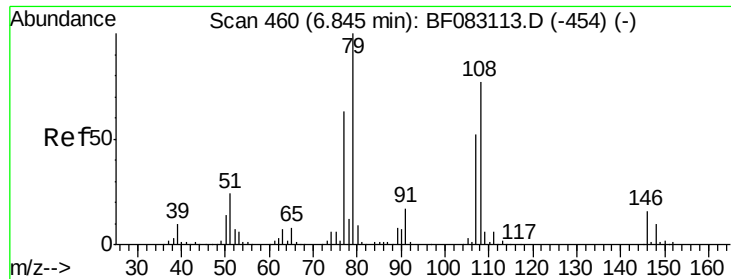
mmdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 33.01 ng
 RT: 6.76 min Scan# 418
 Delta R.T. -0.07 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.8	77.6
111	39.4	36.2	54.4





#15

Benzyl Alcohol

Concen: 35.76 ng

RT: 6.75 min Scan# 417

Delta R.T. -0.09 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01MS

Tot Ion: 79 Resp: 405522

Ion Ratio Lower Upper

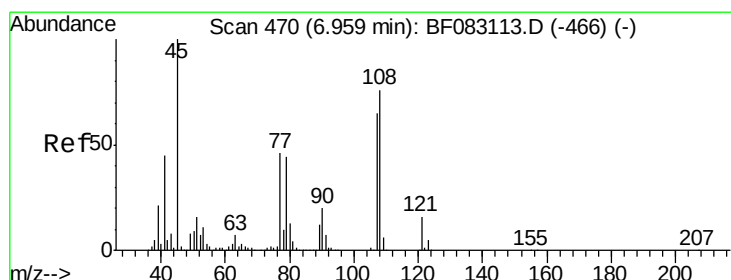
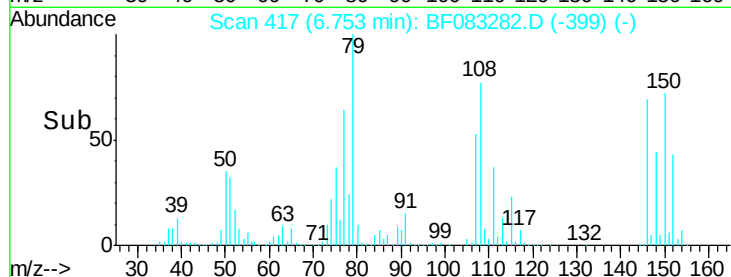
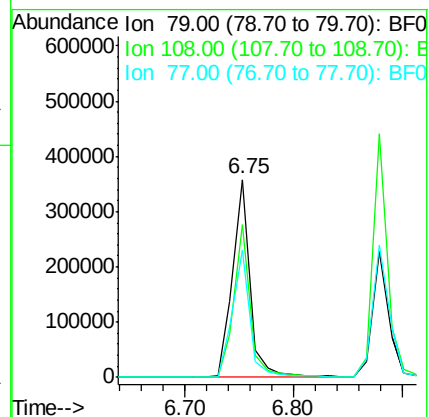
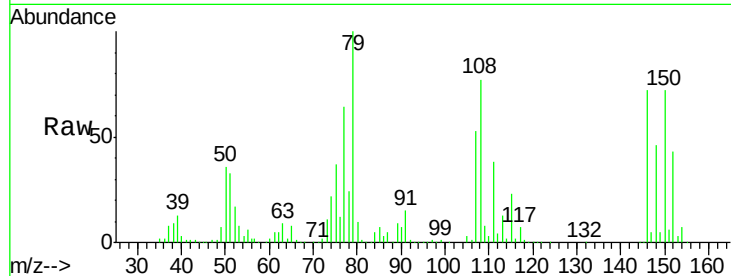
79 100

108 77.4 61.4 92.2

77 64.0 50.5 75.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.59 ng

RT: 6.88 min Scan# 428

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

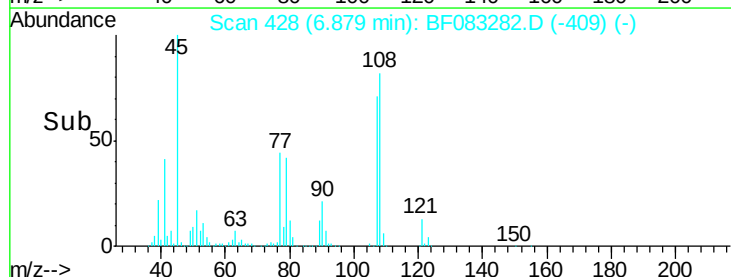
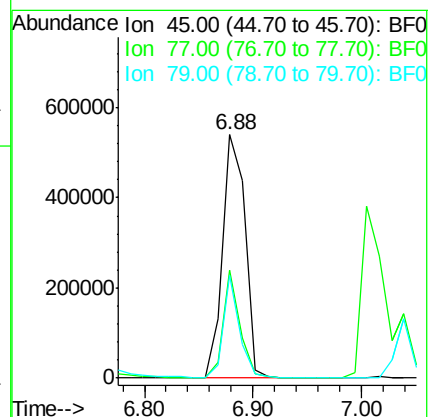
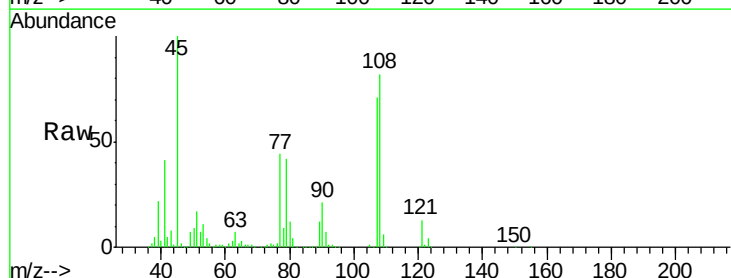
Tgt Ion: 45 Resp: 778568

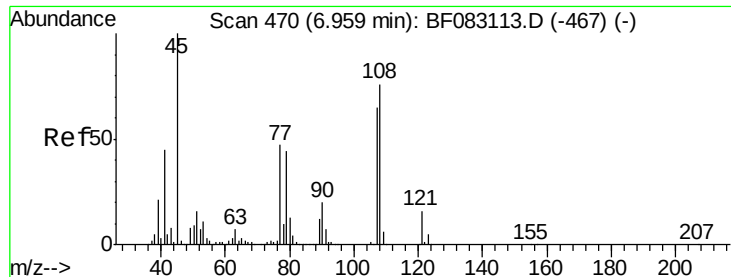
Ion Ratio Lower Upper

45 100

77 44.4 26.7 66.7

79 42.2 24.3 64.3





#17

2-Methylphenol

Concen: 37.55 ng

RT: 6.88 min Scan# 428

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

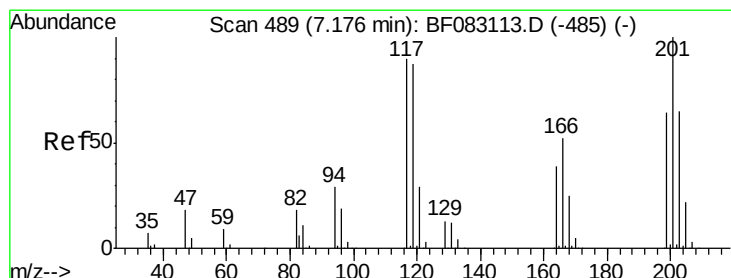
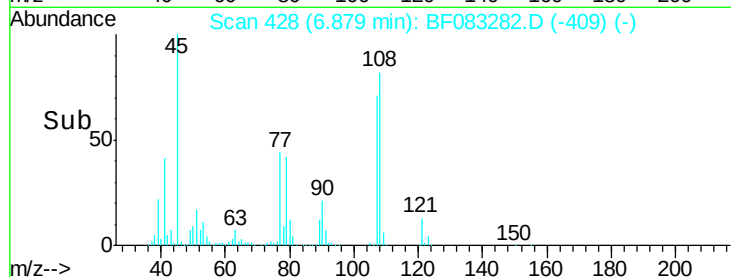
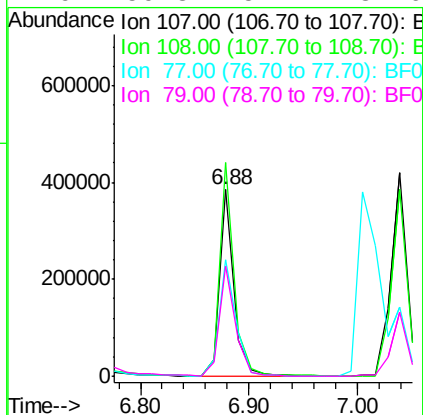
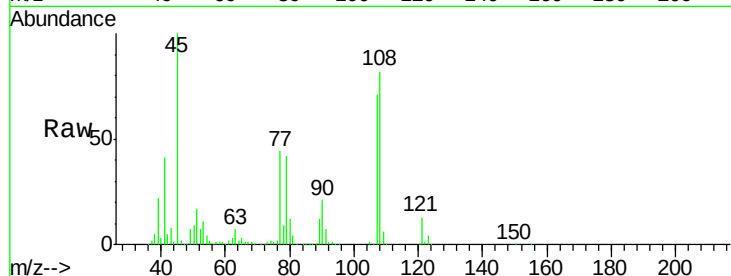
ClientSampleId :

P001-BF005-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	352120		
108	114.6	93.8	140.6	
77	62.3	57.4	86.0	
79	59.3	54.4	81.6	

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#18

Hexachloroethane

Concen: 33.60 ng

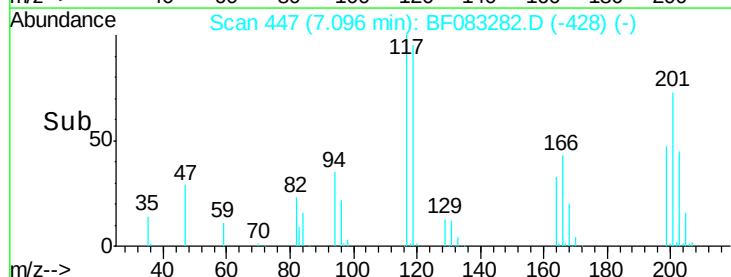
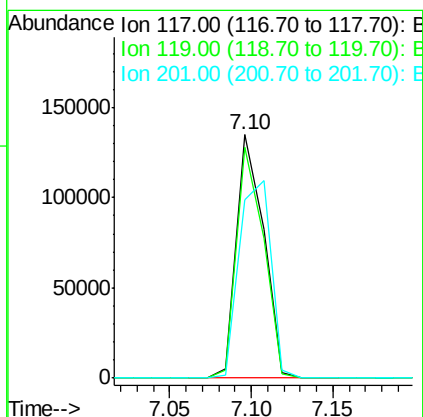
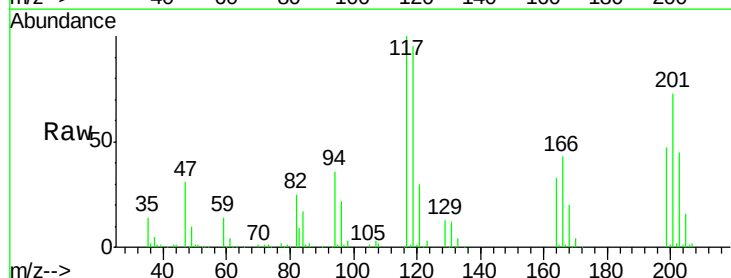
RT: 7.10 min Scan# 447

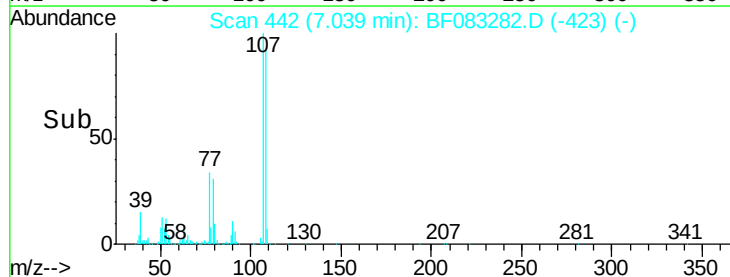
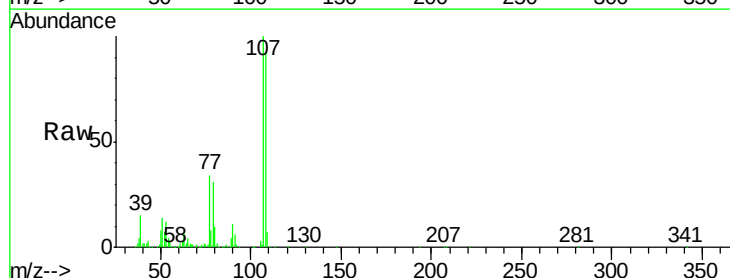
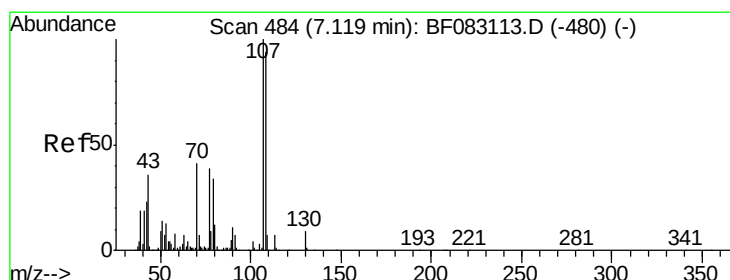
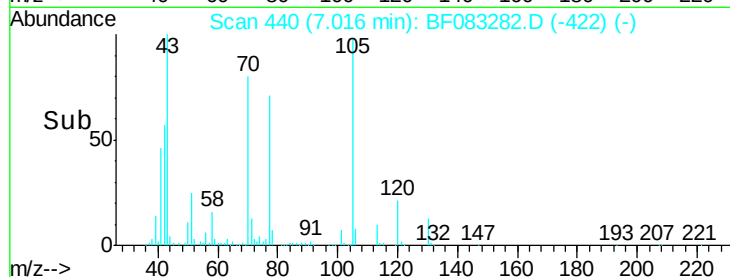
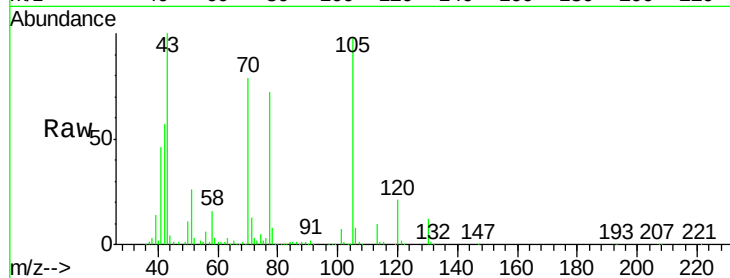
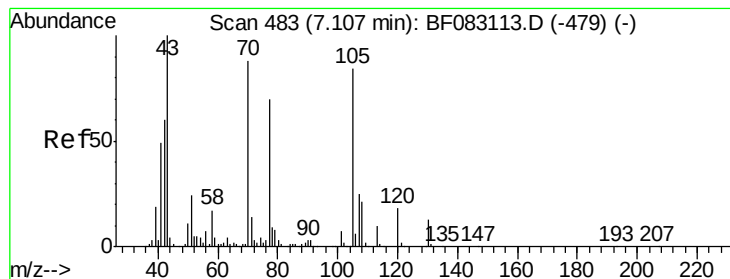
Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	154899		
119	94.8	76.8	115.2	
201	73.1	88.6	133.0#	





#19

n-Nitroso-di-n-propylamine

Concen: 35.22 ng

RT: 7.02 min Scan# 440

Delta R.T. -0.09 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01MS

Tot Ion: 70 Resp: 332623

Ion Ratio Lower Upper

70 100

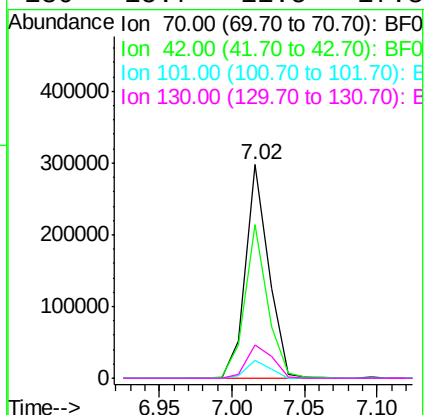
42 71.7 54.5 81.7

101 8.3 6.6 9.8

130 15.7 11.5 17.3

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#20

3+4-Methylphenols

Concen: 38.60 ng

RT: 7.04 min Scan# 442

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Tgt Ion: 107 Resp: 457579

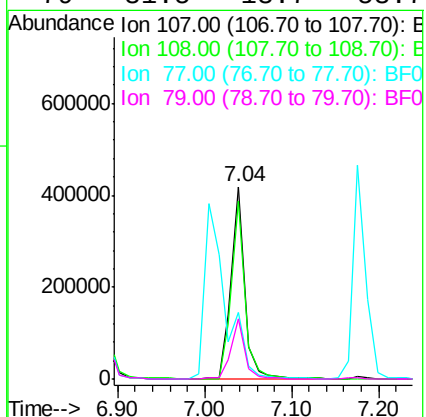
Ion Ratio Lower Upper

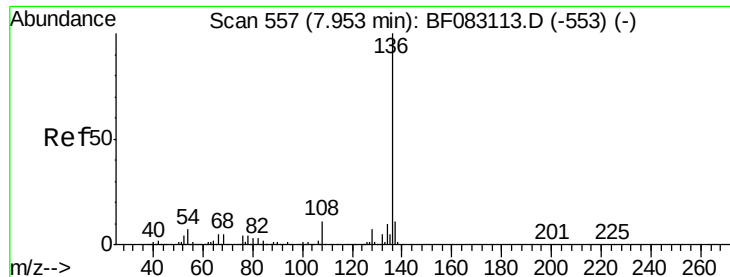
107 100

108 92.1 73.8 113.8

77 34.3 19.1 59.1

79 31.5 13.7 53.7





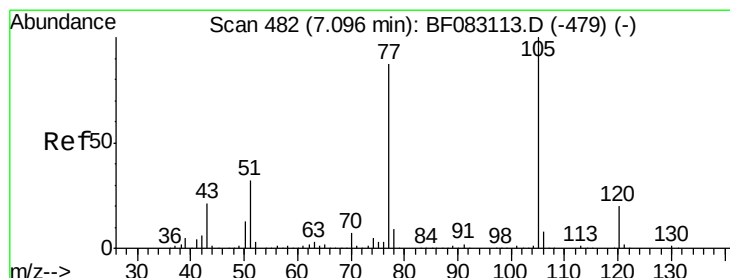
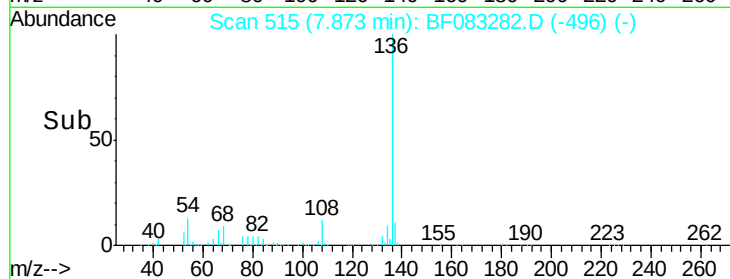
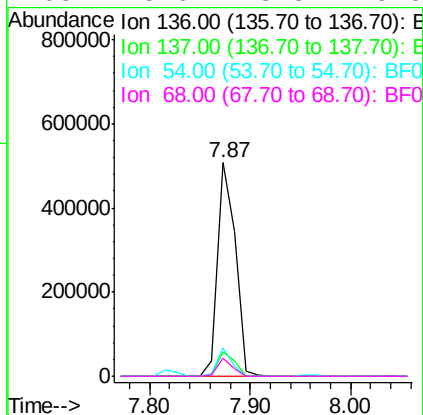
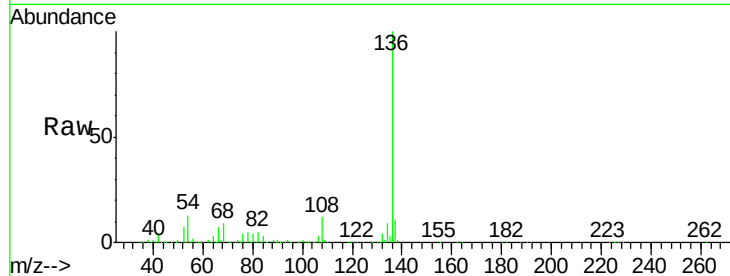
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	621693		
137	11.4	8.7	13.1	
54	13.3	5.8	8.6#	
68	8.6	3.8	5.8#	

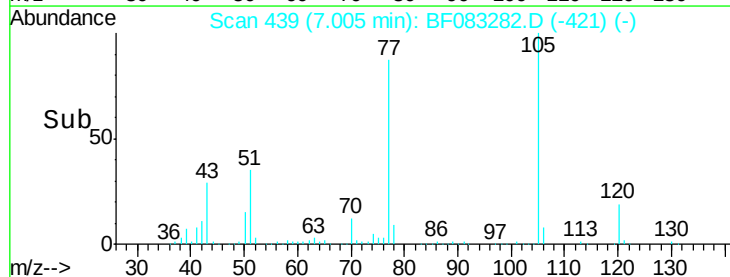
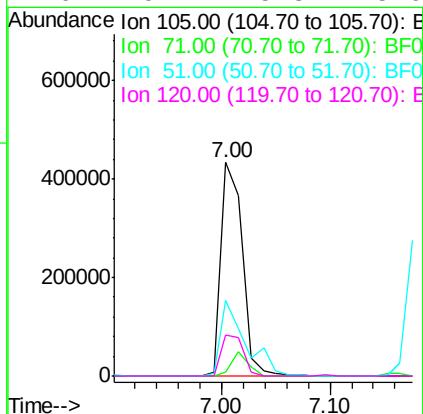
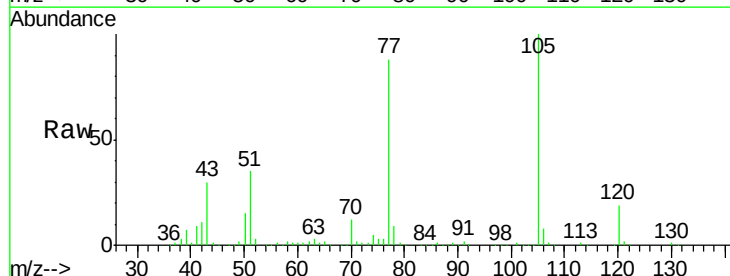
Manual Integrations
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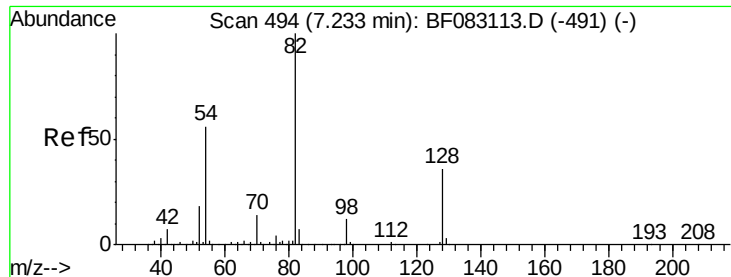
mmdadoda
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#22
Acetophenone
Concen: 33.40 ng
RT: 7.00 min Scan# 439
Delta R.T. -0.09 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	596166		
71	2.0	1.0	1.4#	
51	35.2	25.6	38.4	
120	19.2	15.8	23.6	





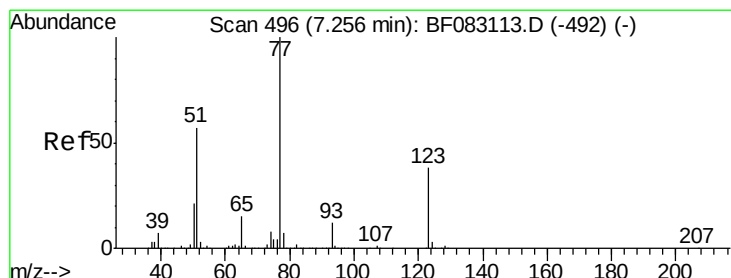
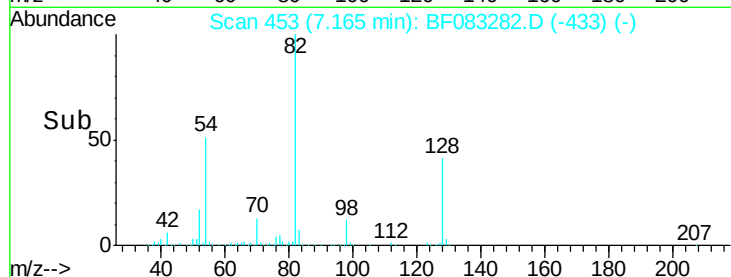
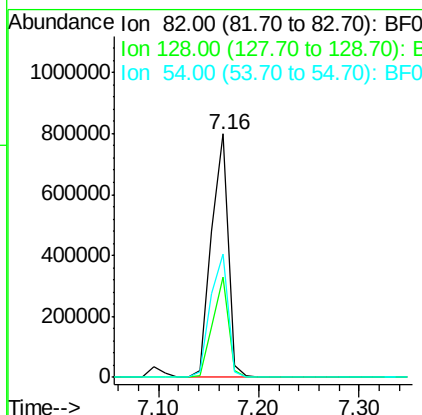
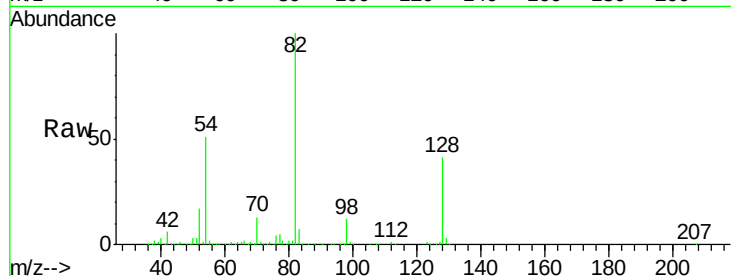
#23
Nitrobenzene-d5
Concen: 68.22 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.1	28.5	42.7	
54	50.7	44.6	67.0	

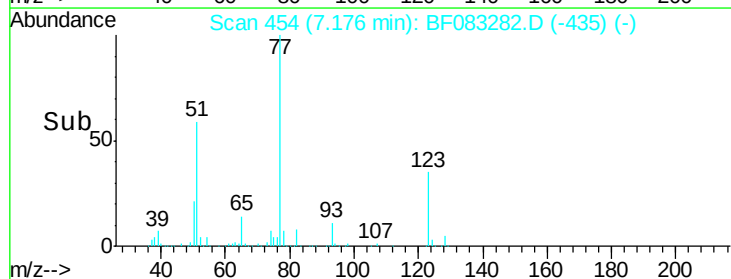
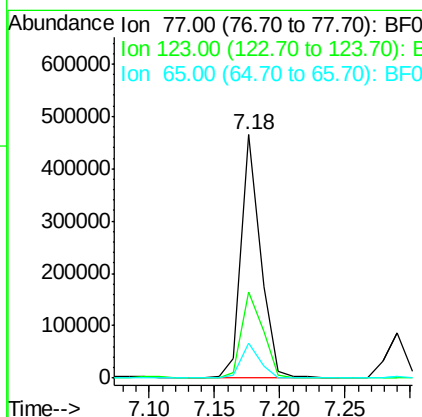
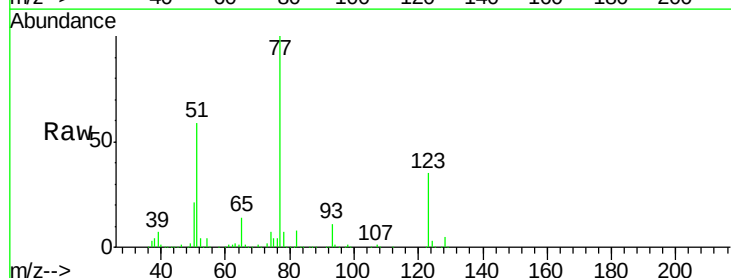
Manual Integrations
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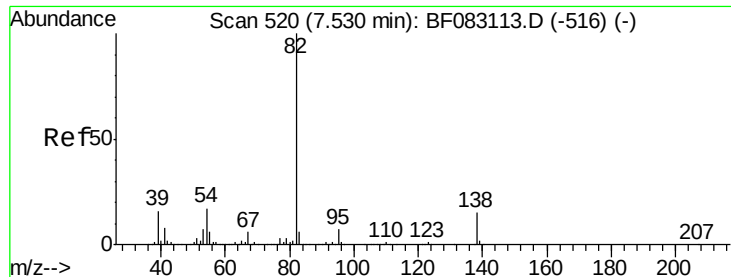
mmdadoda
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#24
Nitrobenzene
Concen: 32.60 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.3	30.1	45.1	
65	14.3	11.6	17.4	





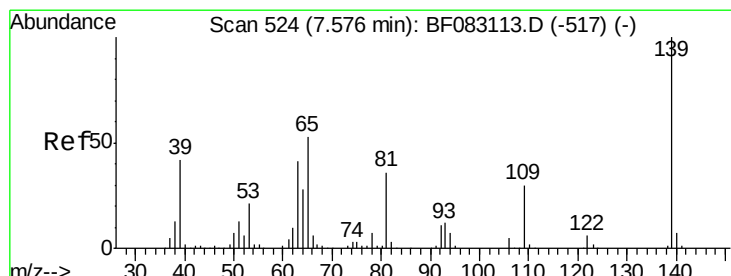
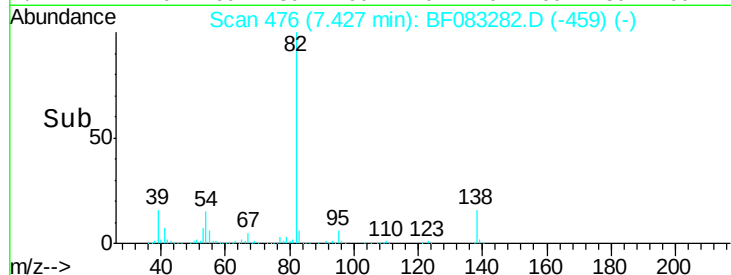
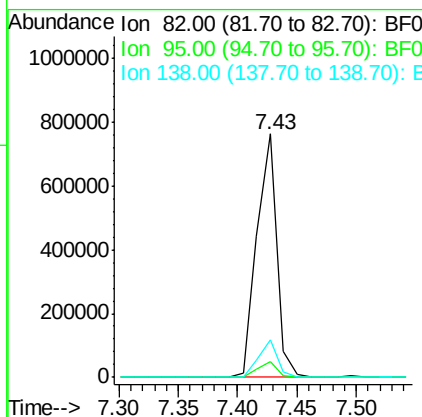
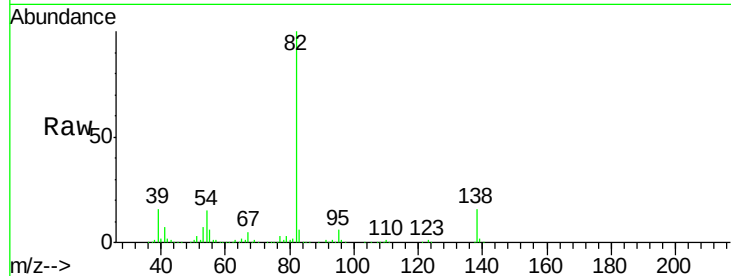
#25
Isophorone
Concen: 35.00 ng
RT: 7.43 min Scan# 476
Delta R.T. -0.10 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Tot Ion	82	Resp	901602
Ion Ratio	100	Lower	Upper
82	100		
95	6.5	5.8	8.8
138	15.6	11.6	17.4

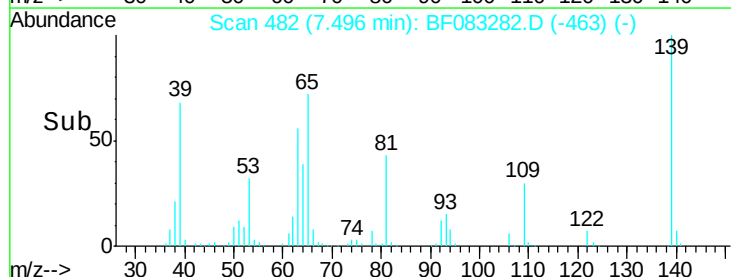
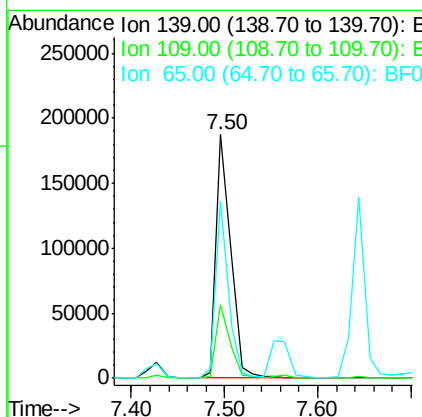
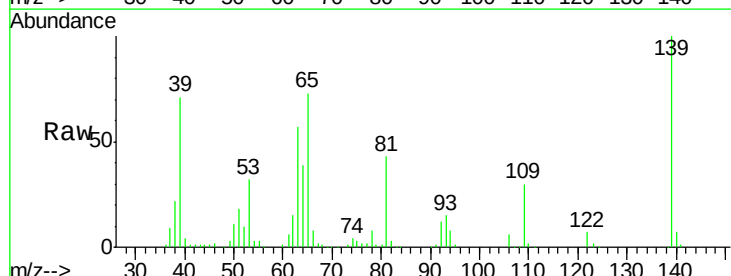
Manual Integrations
APPROVED

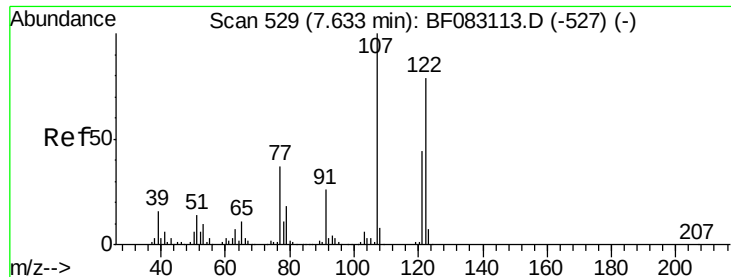
mmdadoda
11/26/2015 6:43:38 PM



#26
2-Nitrophenol
Concen: 31.82 ng
RT: 7.50 min Scan# 482
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	139	Resp	204193
Ion Ratio	100	Lower	Upper
139	100		
109	30.3	23.9	35.9
65	72.8	42.7	64.1#





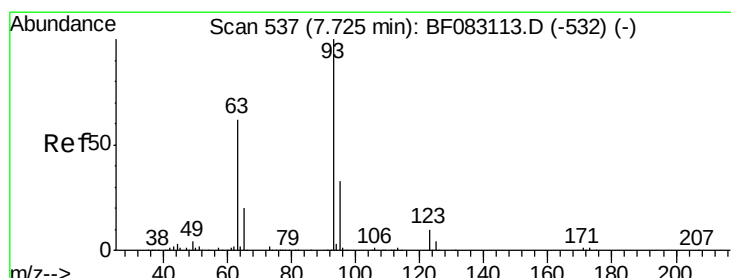
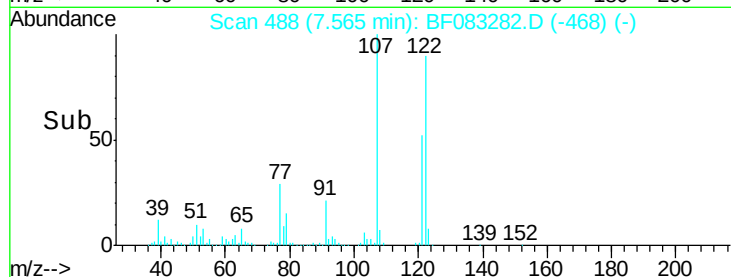
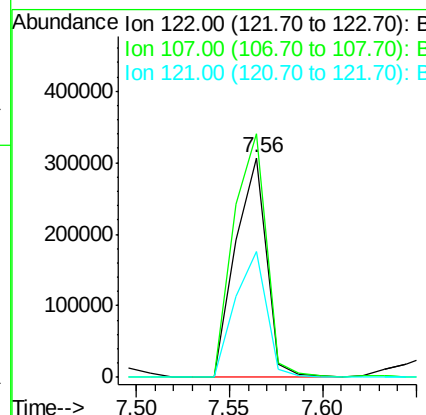
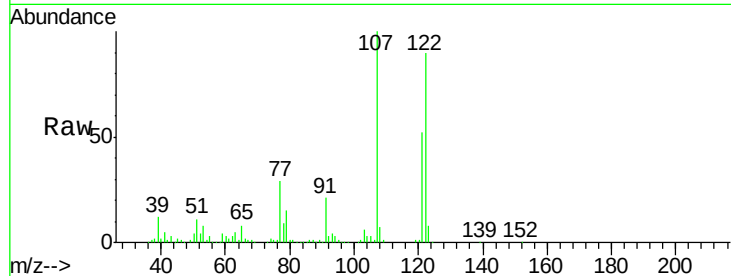
#27
 2,4-Dimethylphenol
 Concen: 35.25 ng
 RT: 7.56 min Scan# 488
 Delta R.T. -0.07 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	101.1	151.7
121	57.5	44.9	67.3

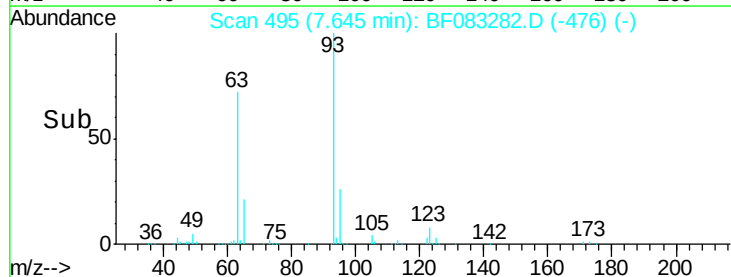
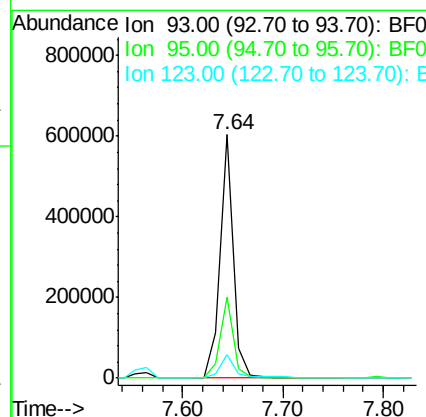
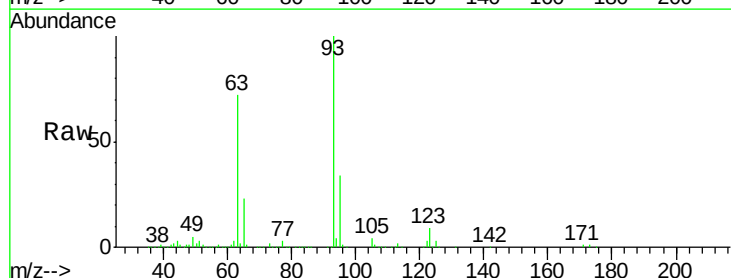
Manual Integrations
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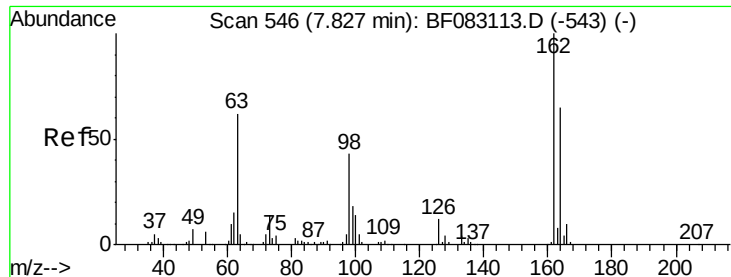
mmdadoda
 11/26/2015 6:43:38 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.11 ng
 RT: 7.64 min Scan# 495
 Delta R.T. -0.08 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.5	39.7
123	9.5	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 34.68 ng

RT: 7.75 min Scan# 504

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

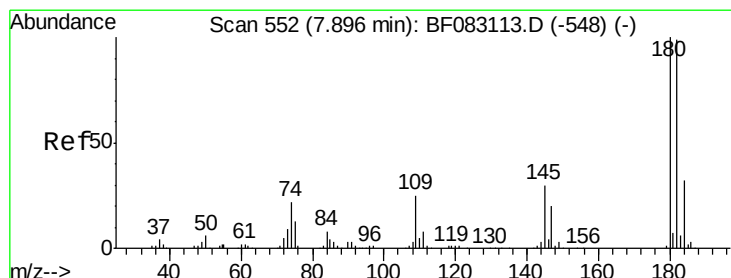
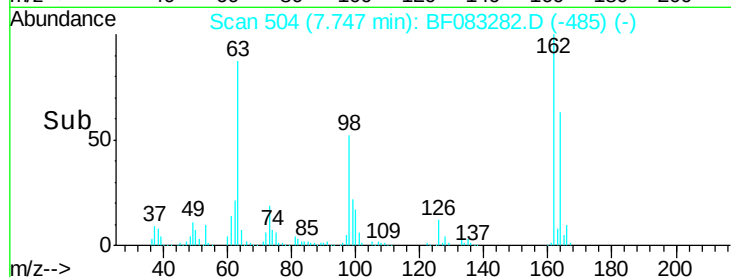
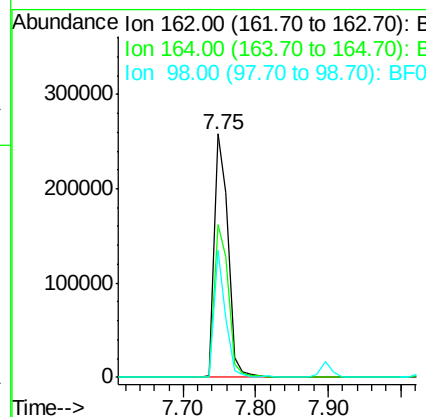
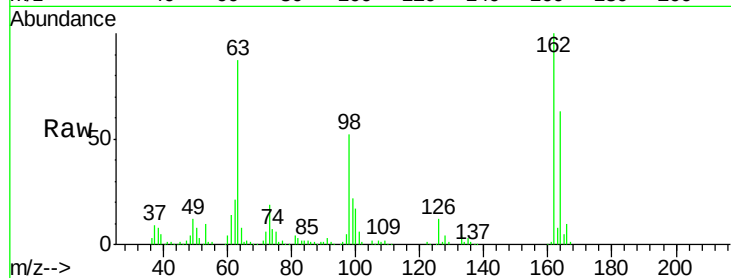
ClientSampleId :

P001-BF005-01MS

Tot Ion:	162	Resp:	337849
Ion Ratio	Lower	Upper	
162	100		
164	62.6	44.8	84.8
98	52.0	23.1	63.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 33.16 ng

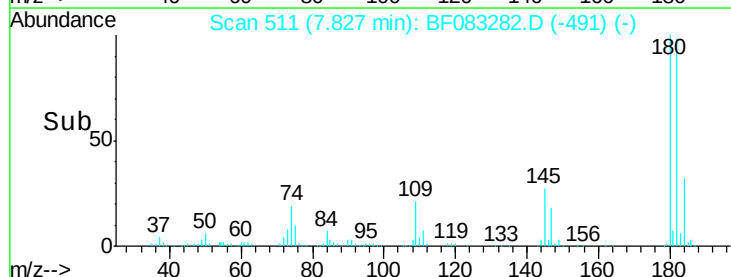
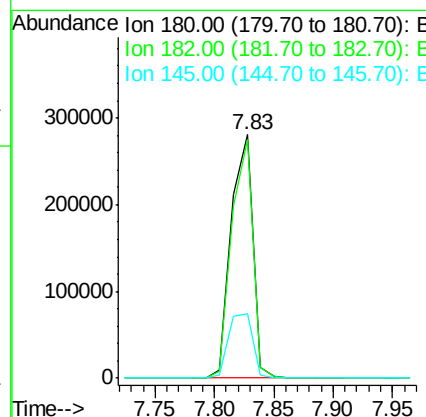
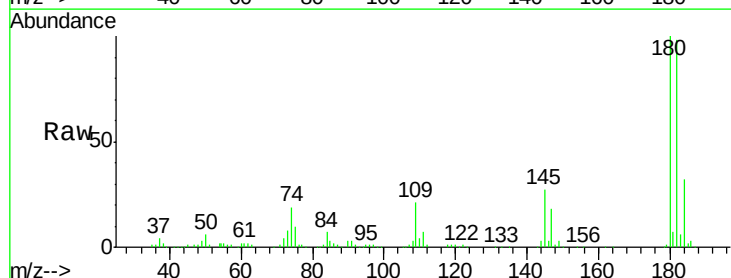
RT: 7.83 min Scan# 511

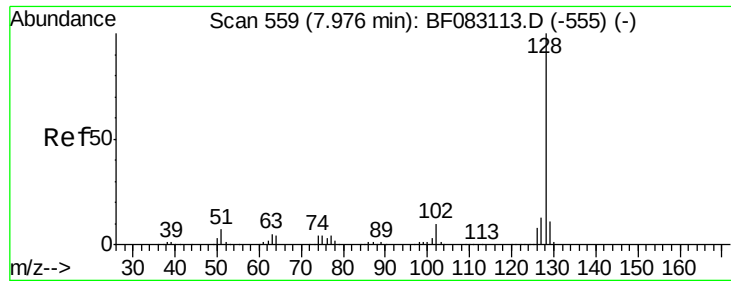
Delta R.T. -0.07 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Tgt Ion:	180	Resp:	354822
Ion Ratio	Lower	Upper	
180	100		
182	97.7	79.0	118.6
145	26.6	24.2	36.2





#31

Naphthalene

Concen: 32.59 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01MS

Tot Ion:128 Resp: 1093437

Ion Ratio Lower Upper

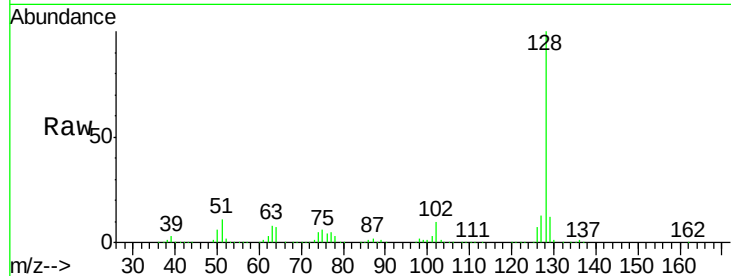
128 100

129 11.7 9.0 13.4

127 13.2 10.6 15.8

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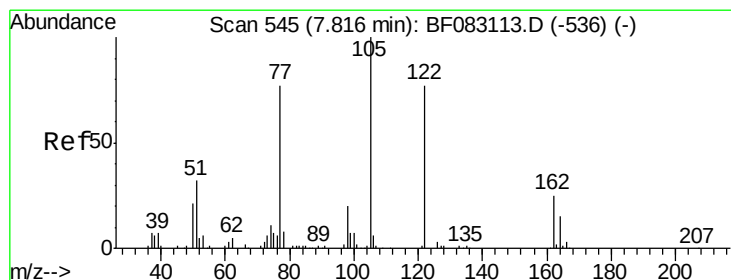
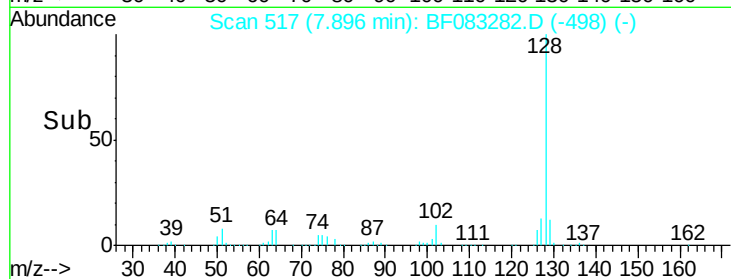
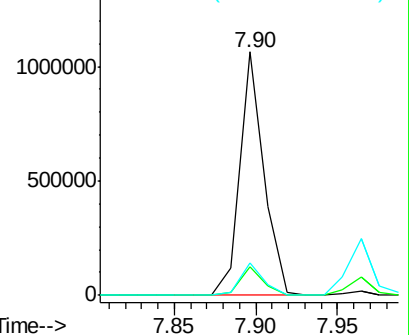
mmdadoda
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.65 ng

RT: 7.70 min Scan# 500

Delta R.T. -0.11 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

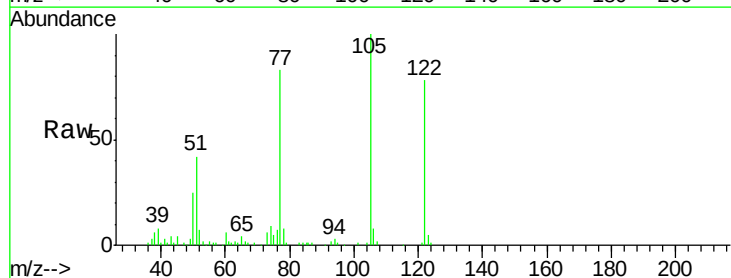
Tgt Ion:122 Resp: 212135

Ion Ratio Lower Upper

122 100

105 128.2 109.7 149.7

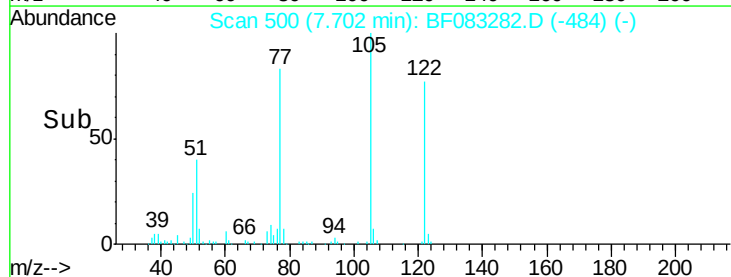
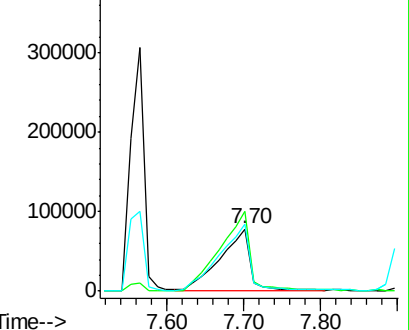
77 106.6 79.7 119.7

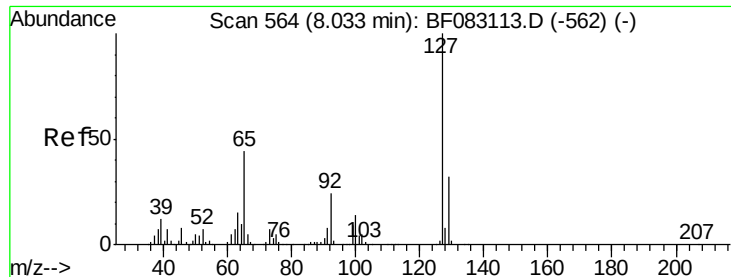


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





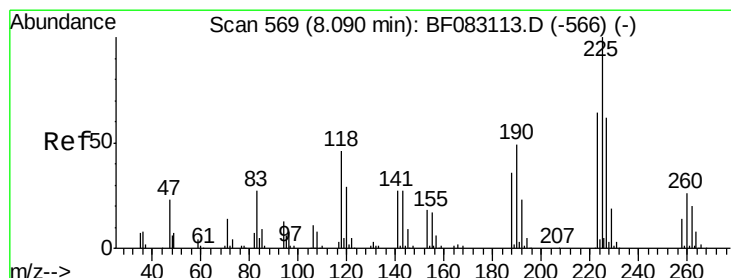
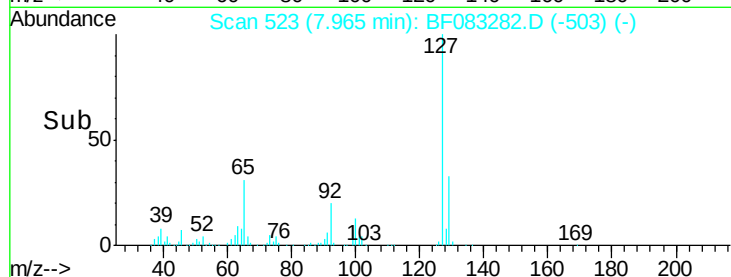
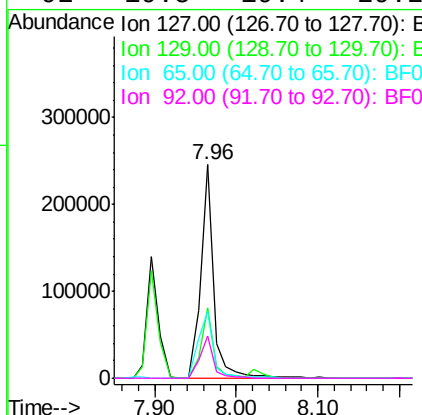
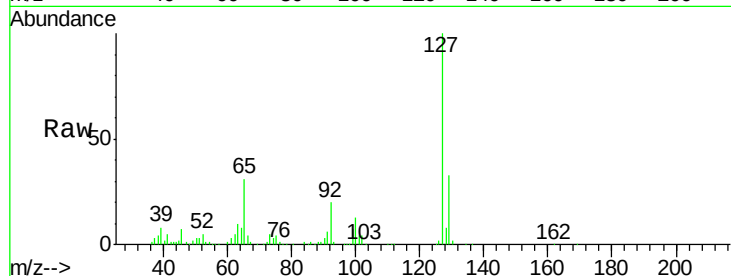
#33
4-Chloroaniline
Concen: 20.93 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.07 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		272414		
129	32.9	25.7	38.5		
65	31.1	35.5	53.3		
92	19.5	19.4	29.2		

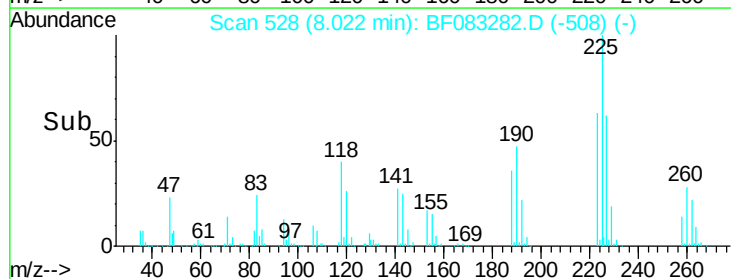
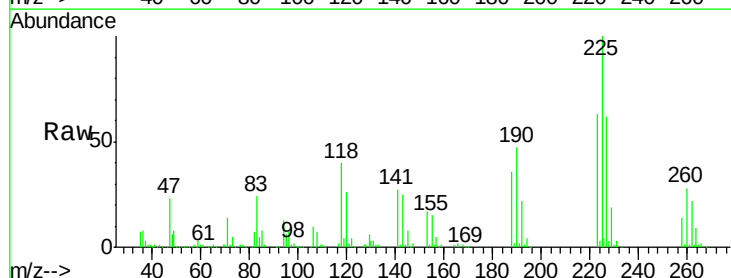
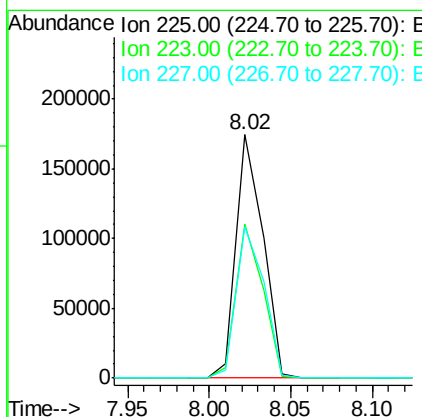
Manual Integrations
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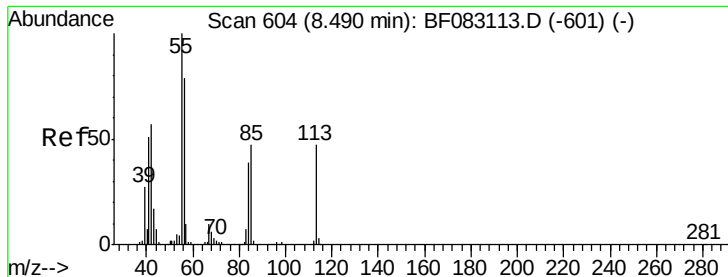
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#34
Hexachlorobutadiene
Concen: 31.24 ng
RT: 8.02 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		197545		
223	63.4	51.3	76.9		
227	62.2	49.8	74.8		





#35

Caprolactam

Concen: 35.85 ng/ml

RT: 8.33 min Scan# 555

Delta R.T. -0.16 min

Lab File: BF083282.D

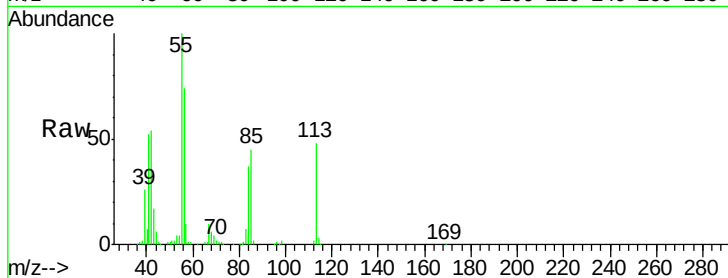
Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

ClientSampleId :

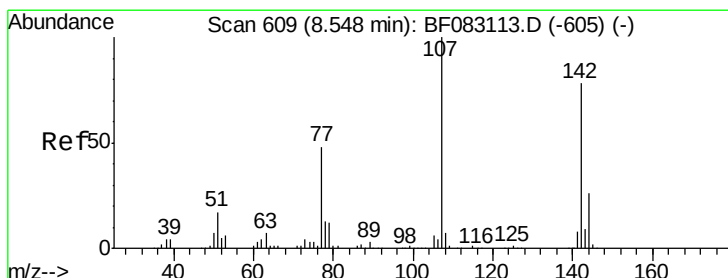
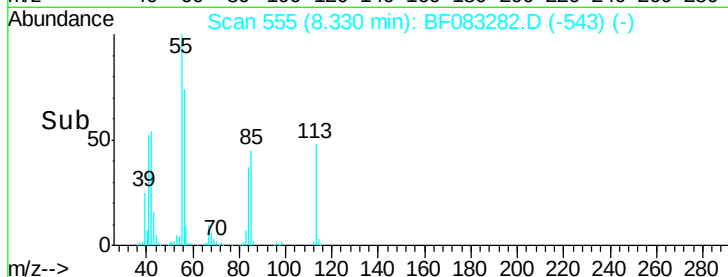
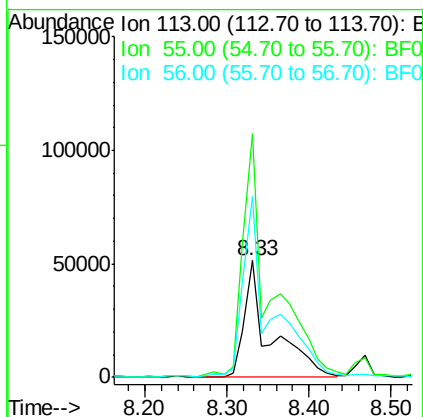
P001-BF005-01MS



Tot Ion:	113	Resp:	111938
Ion Ratio	Lower	Upper	
113	100		
55	209.2	192.6	232.6
56	155.1	148.6	188.6

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#36

4-Chloro-3-methylphenol

Concen: 35.17 ng/ml

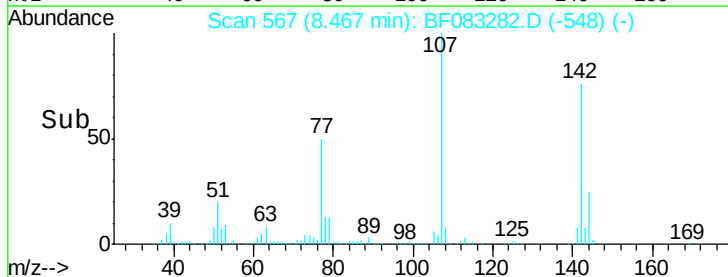
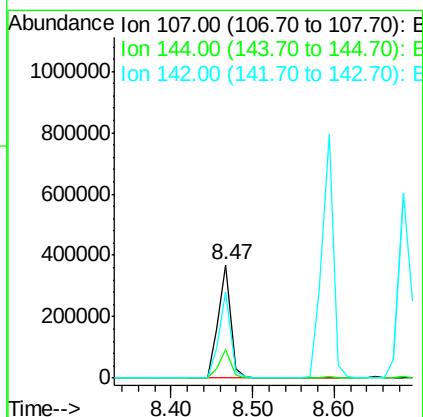
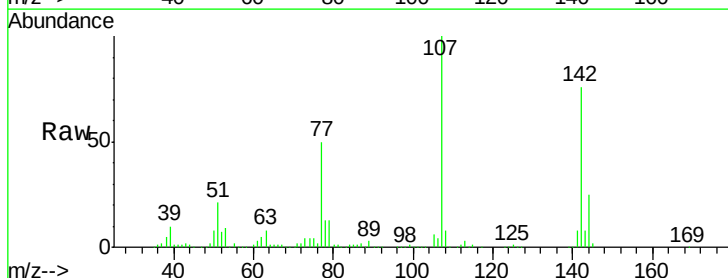
RT: 8.47 min Scan# 567

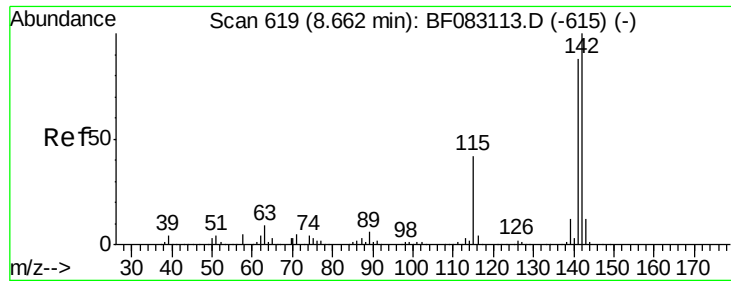
Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Tgt Ion:	107	Resp:	396860
Ion Ratio	Lower	Upper	
107	100		
144	25.1	20.8	31.2
142	76.0	62.1	93.1





#37

2-Methylnaphthalene

Concen: 35.64 ng

RT: 8.59 min Scan# 578

Delta R.T. -0.07 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

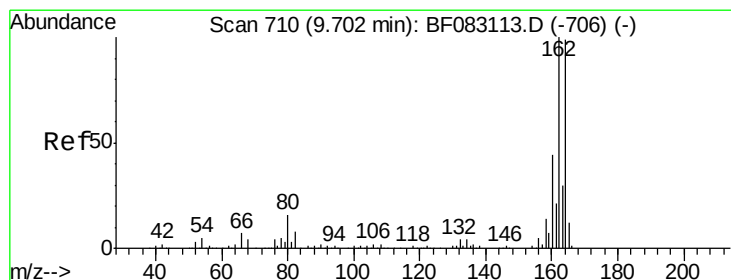
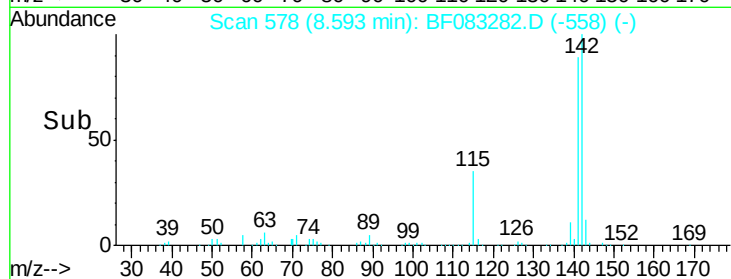
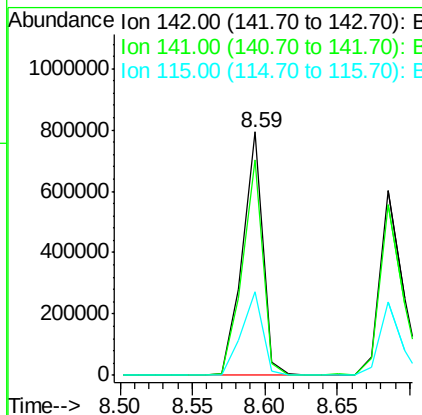
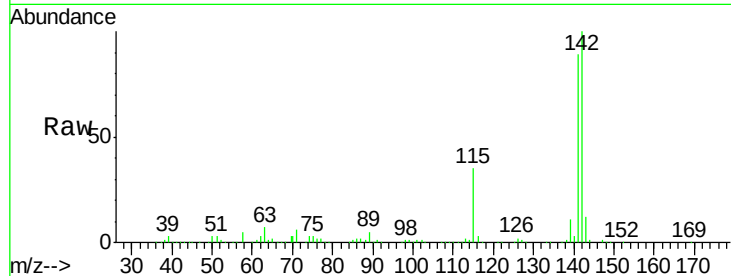
ClientSampleId :

P001-BF005-01MS

Tot Ion:	142	Resp:	776161
Ion Ratio	Lower	Upper	
142	100		
141	88.7	70.3	105.5
115	34.6	33.4	50.2

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng

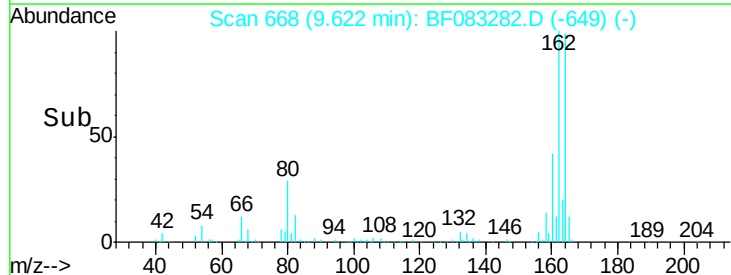
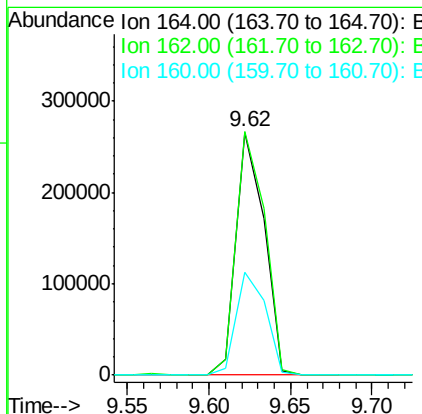
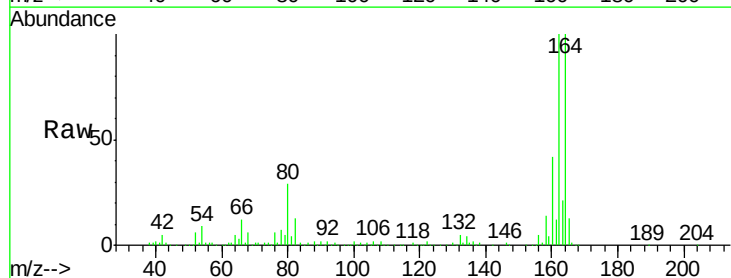
RT: 9.62 min Scan# 668

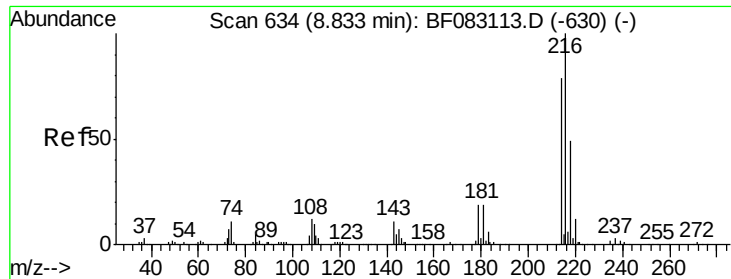
Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Tgt Ion:	164	Resp:	314600
Ion Ratio	Lower	Upper	
164	100		
162	100.4	81.2	121.8
160	42.2	35.6	53.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.07 ng

RT: 8.76 min Scan# 593

Delta R.T. -0.07 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

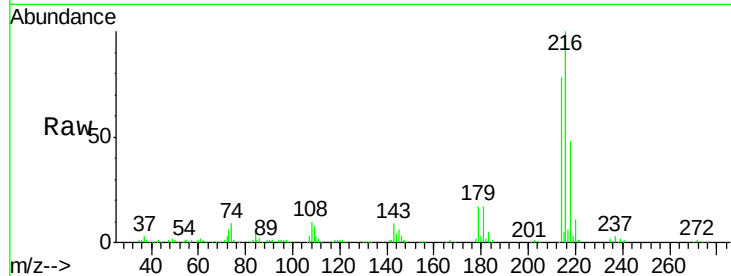
ClientSampleId :

P001-BF005-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		316780		
214	80.8		63.8	95.8	
179	21.1		17.0	25.6	
108	22.0		15.2	22.8	

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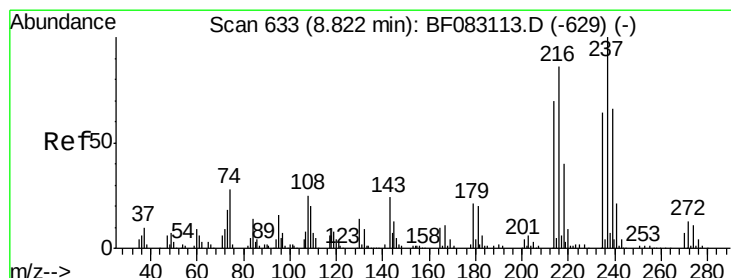
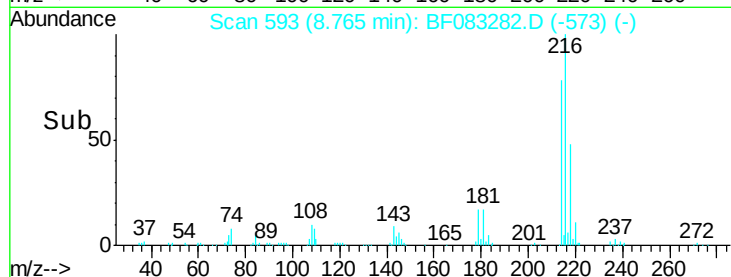
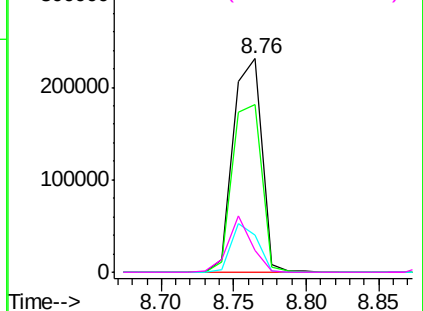


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 50.01 ng

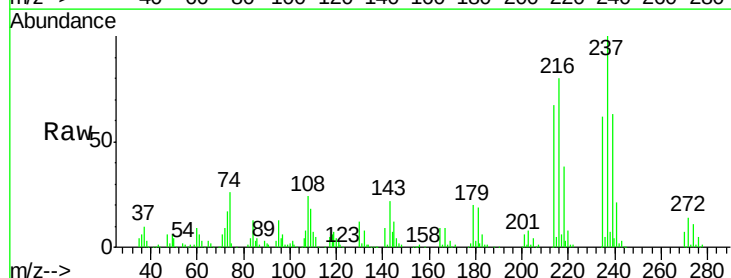
RT: 8.75 min Scan# 592

Delta R.T. -0.07 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

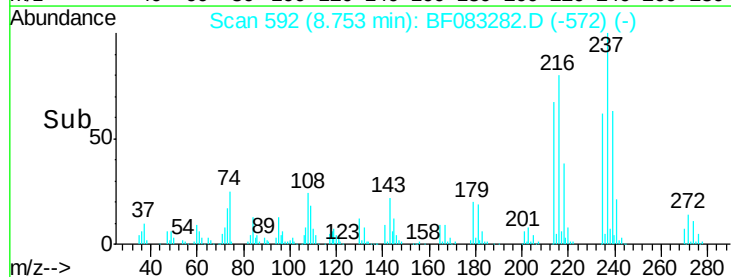
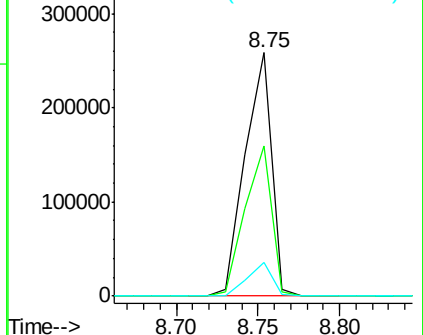
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		289947		
235	61.8		43.5	83.5	
272	13.8		0.0	33.1	

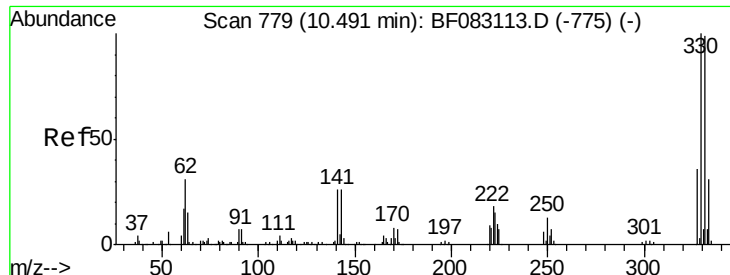


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





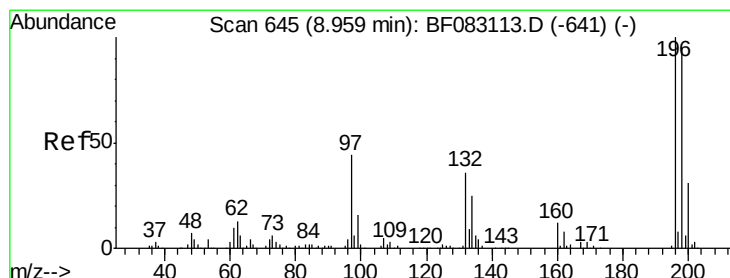
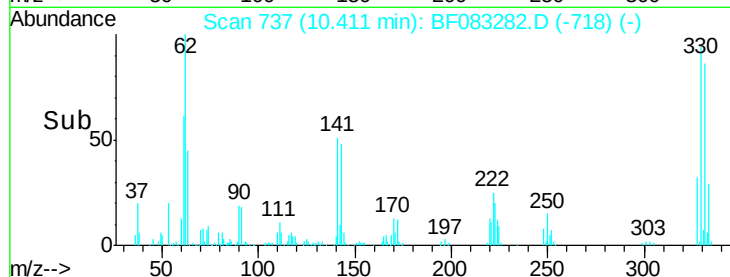
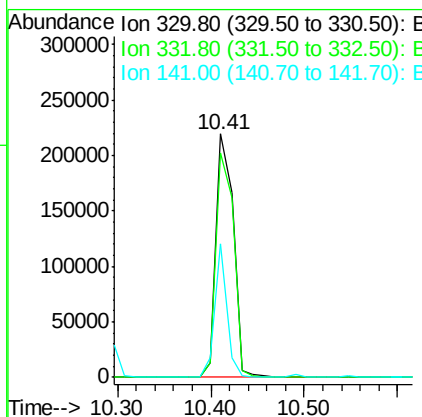
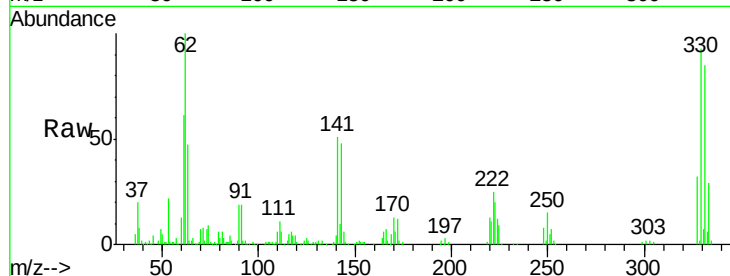
#41
 2,4,6-Tribromophenol
 Concen: 87.59 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.7	116.5
141	38.6	29.7	44.5

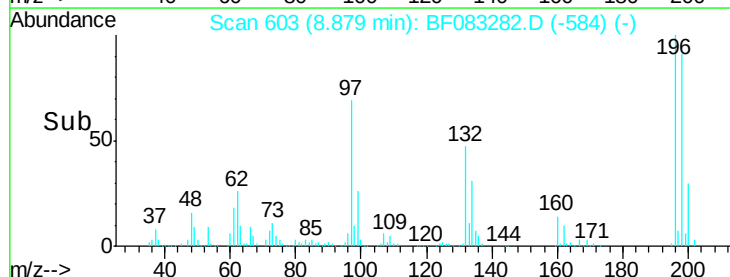
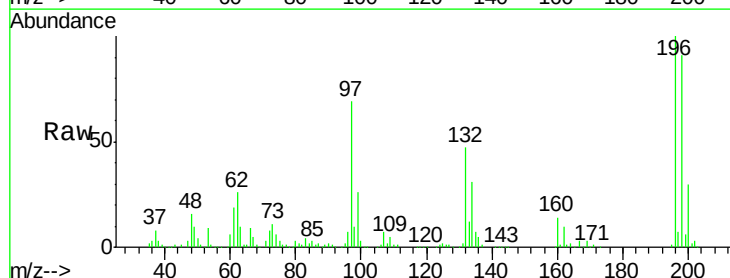
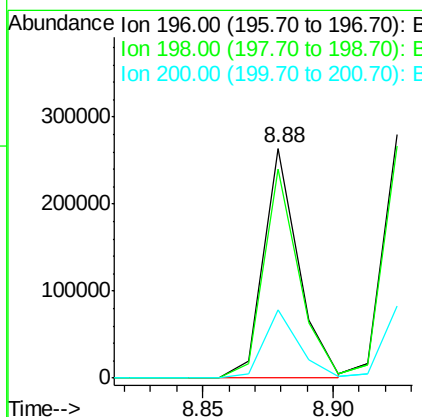
Manual Integrations
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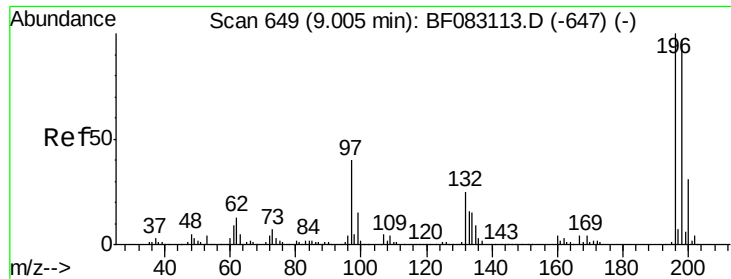
mmdadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 33.31 ng
 RT: 8.88 min Scan# 603
 Delta R.T. -0.08 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

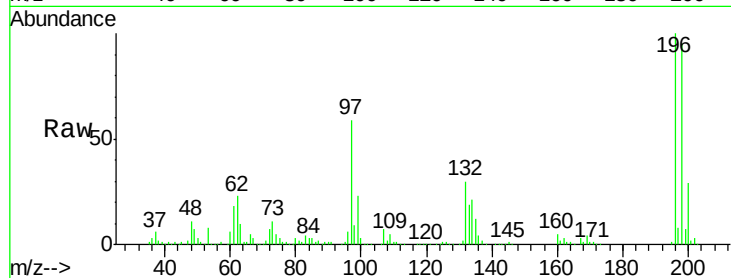
Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.9	75.9	113.9
200	29.7	24.5	36.7





#43
 2,4,5-Trichlorophenol
 Concen: 34.38 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.08 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

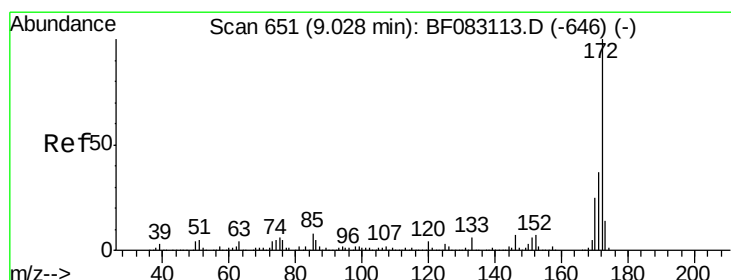
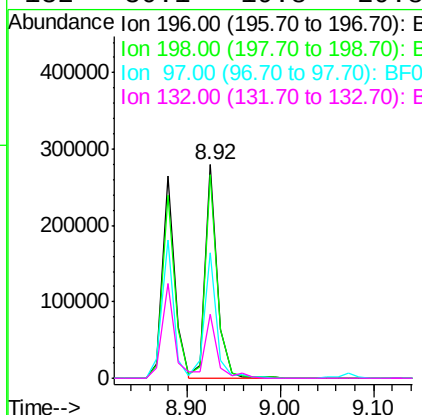
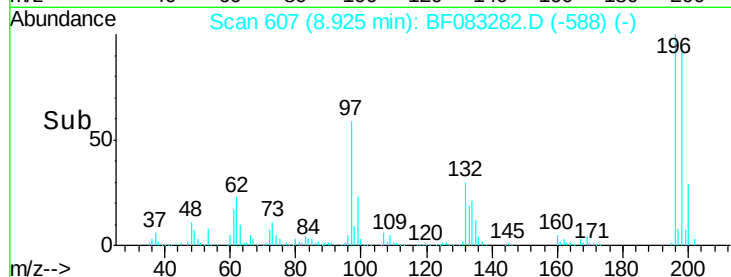
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	256679		
198	95.5	77.6	116.4	
97	59.0	32.6	48.8	
132	30.1	19.8	29.8	

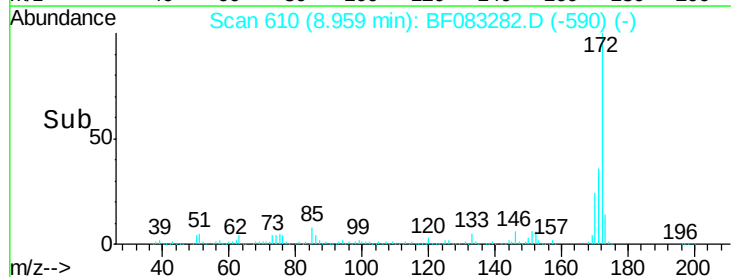
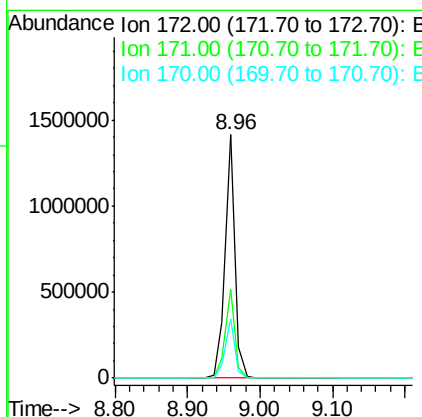
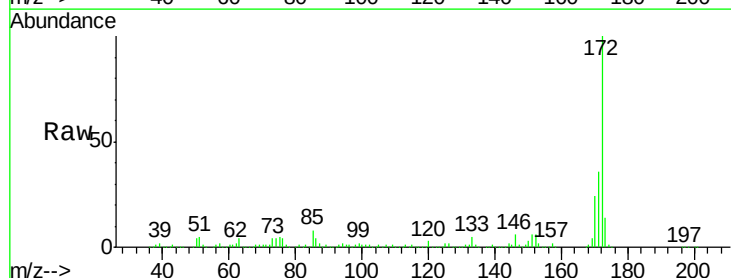
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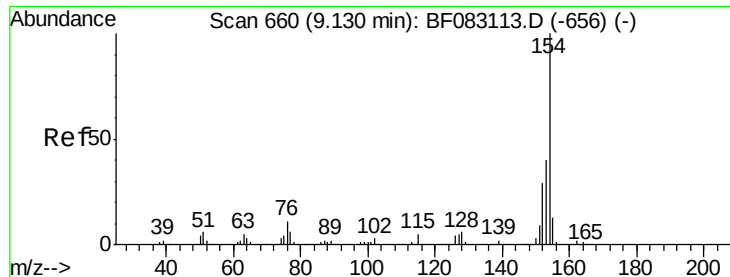
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#44
 2-Fluorobiphenyl
 Concen: 59.26 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1337057		
171	36.4	29.5	44.3	
170	24.5	19.9	29.9	





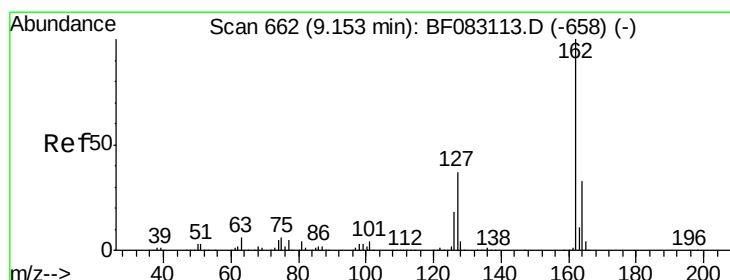
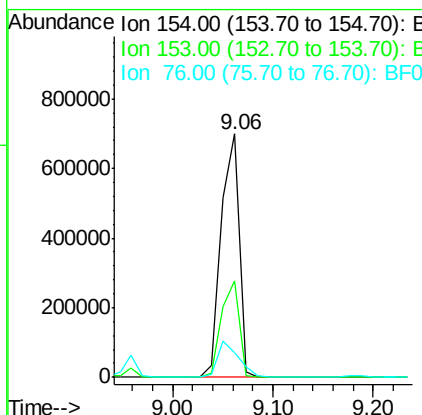
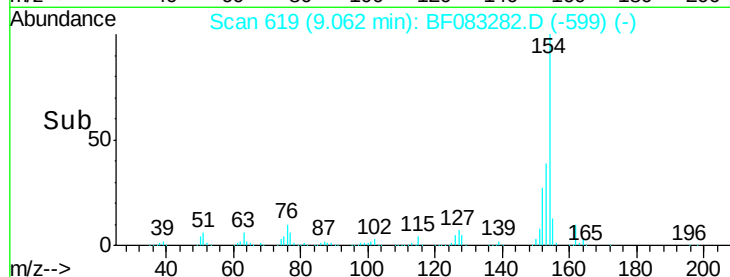
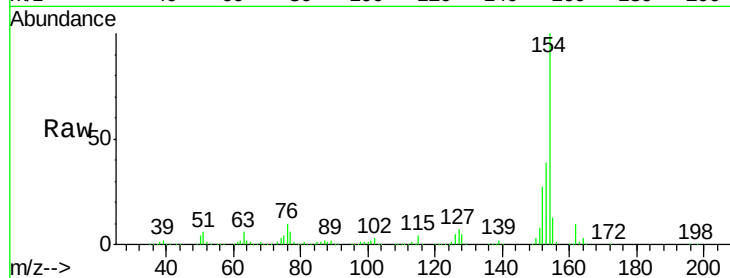
#45
 1,1'-Biphenyl
 Concen: 32.63 ng
 RT: 9.06 min Scan# 619
 Delta R.T. -0.07 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.4	20.5	60.5	
76	10.3	0.0	31.2	

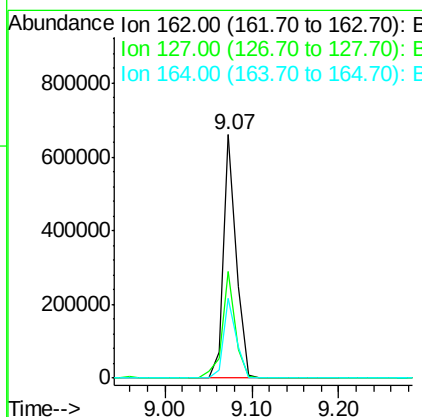
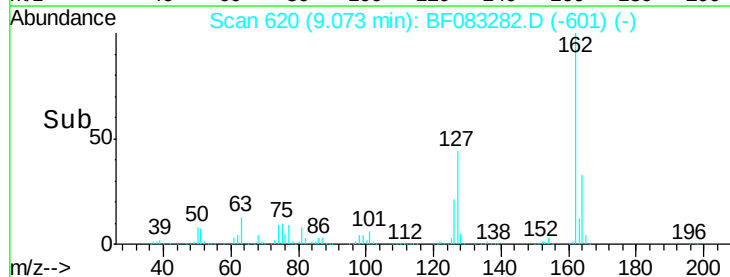
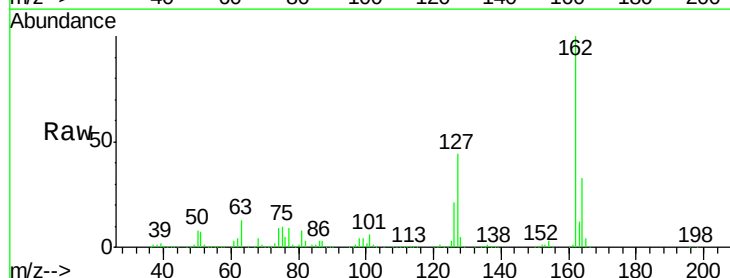
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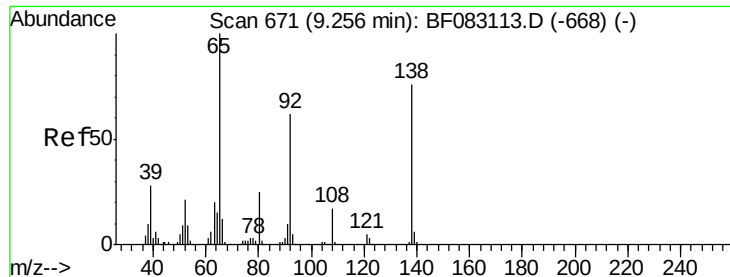
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#46
 2-Chloronaphthalene
 Concen: 32.47 ng
 RT: 9.07 min Scan# 620
 Delta R.T. -0.08 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.5	29.4	44.2	
164	32.9	26.2	39.4	





#47

2-Nitroaniline

Concen: 36.74 ng

RT: 9.19 min Scan# 630

Delta R.T. -0.07 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

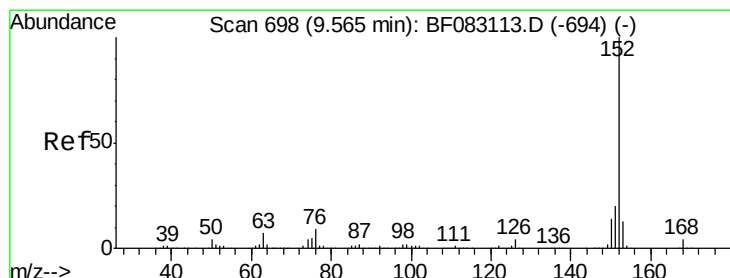
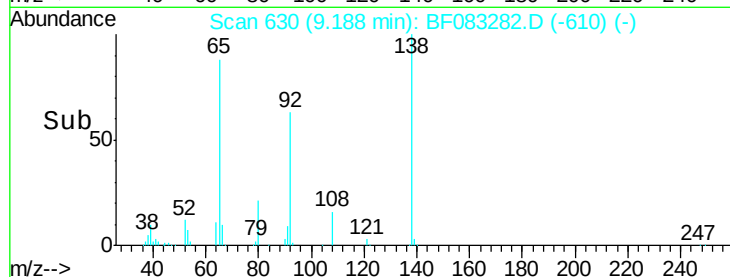
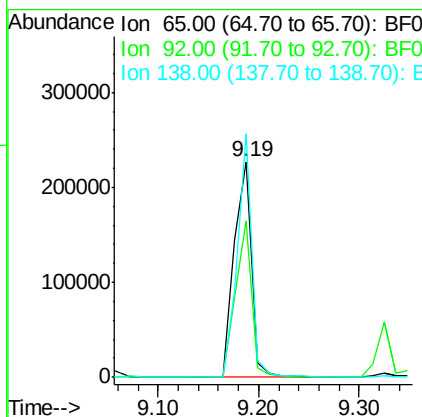
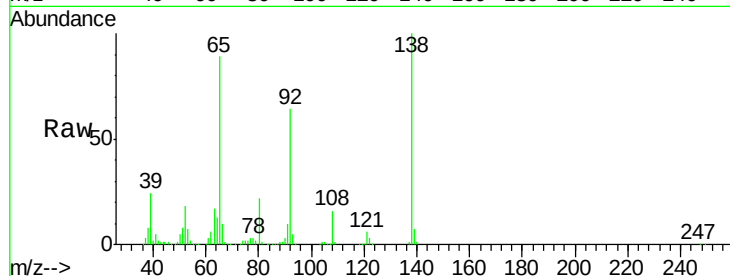
ClientSampleId :

P001-BF005-01MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.7	49.5	74.3
138	112.7	60.7	91.1#

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#48

Acenaphthylene

Concen: 32.62 ng

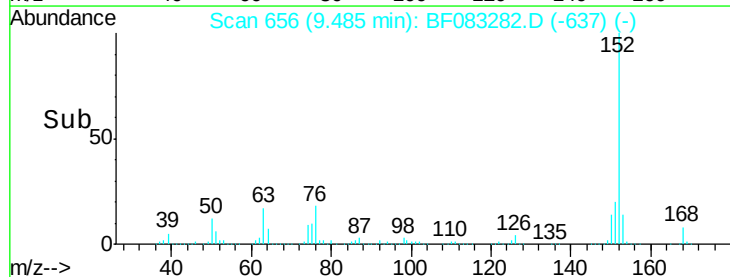
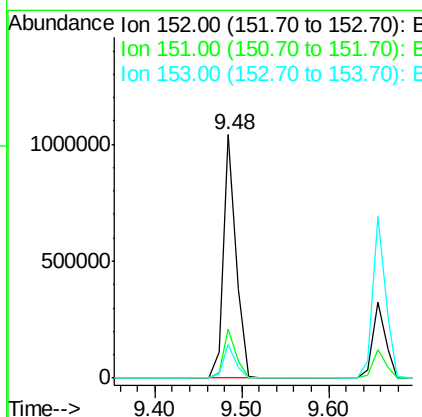
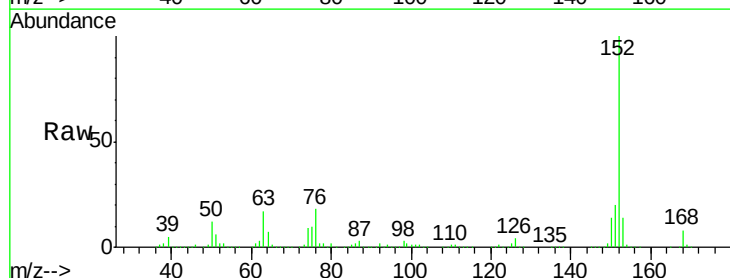
RT: 9.48 min Scan# 656

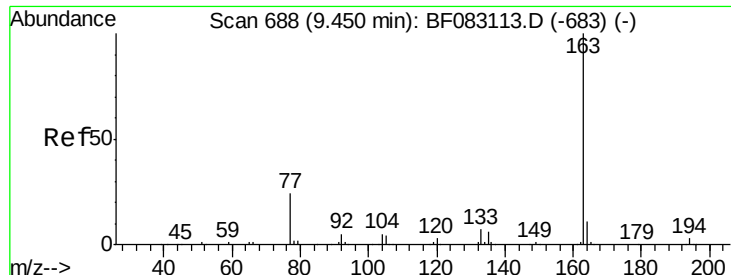
Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	14.0	10.8	16.2





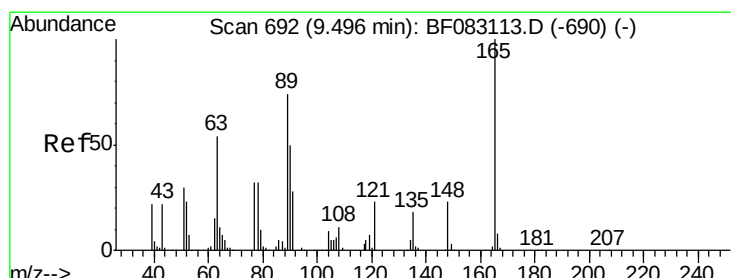
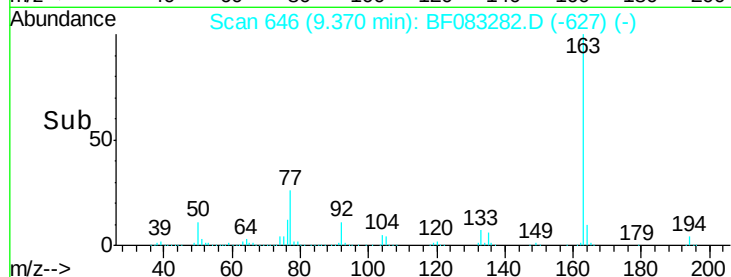
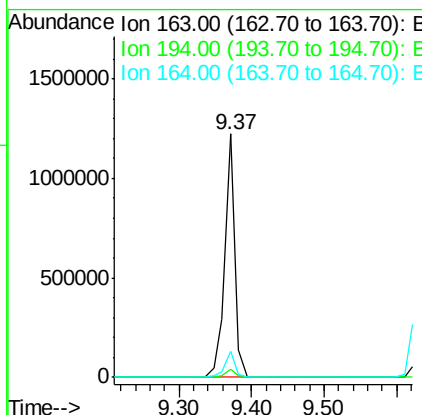
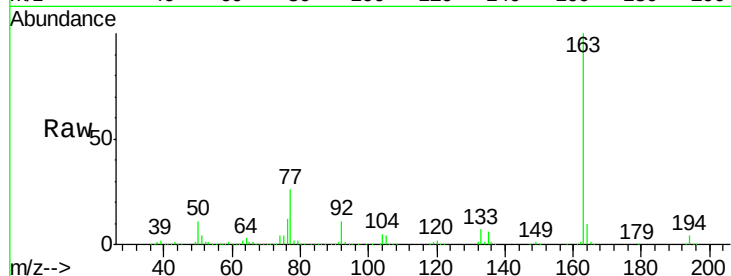
#49
Dimethylphthalate
Concen: 48.36 ng
RT: 9.37 min Scan# 646
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Tot Ion:163 Resp: 1171269
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.4 8.6 12.8

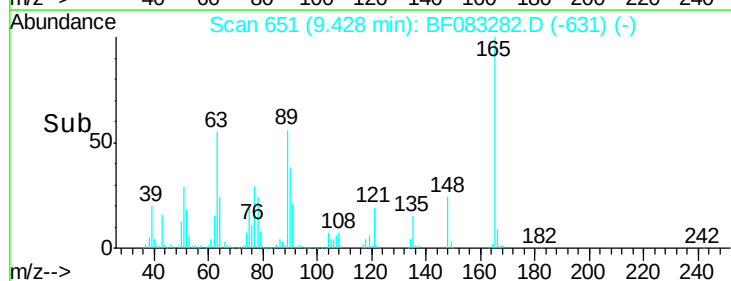
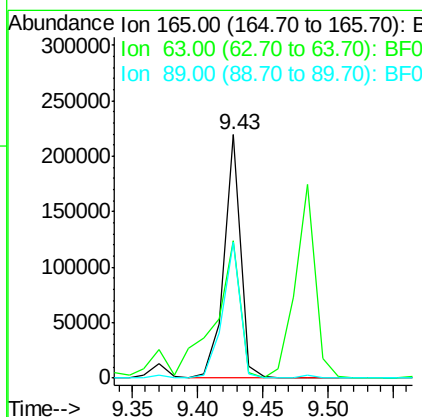
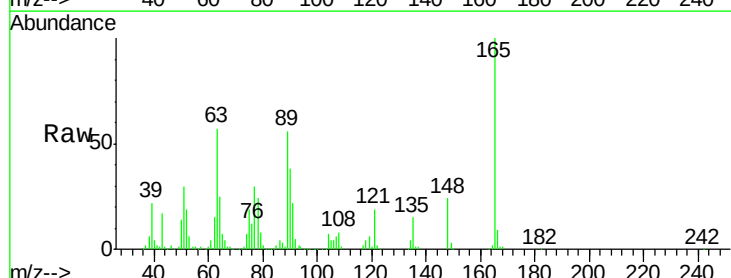
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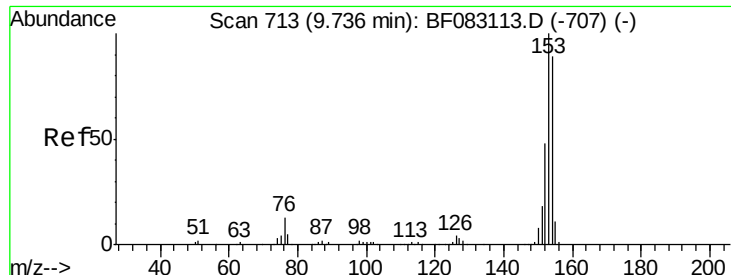
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#50
2,6-Dinitrotoluene
Concen: 36.07 ng
RT: 9.43 min Scan# 651
Delta R.T. -0.07 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion:165 Resp: 196028
Ion Ratio Lower Upper
165 100
63 56.6 62.5 93.7#
89 55.7 59.1 88.7#





#51

Acenaphthene

Concen: 31.76 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

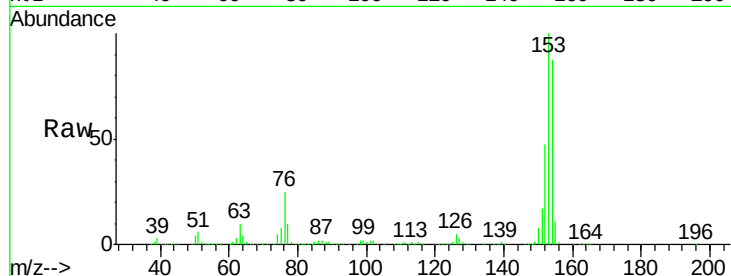
ClientSampleId :

P001-BF005-01MS

Tot Ion:	154	Resp:	630079
Ion Ratio	Lower	Upper	
154	100		
153	114.6	89.6	134.4
152	54.0	43.3	64.9

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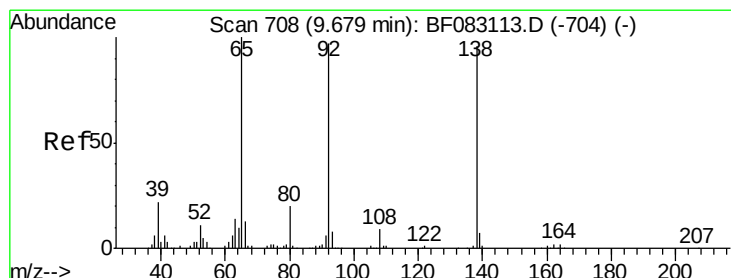
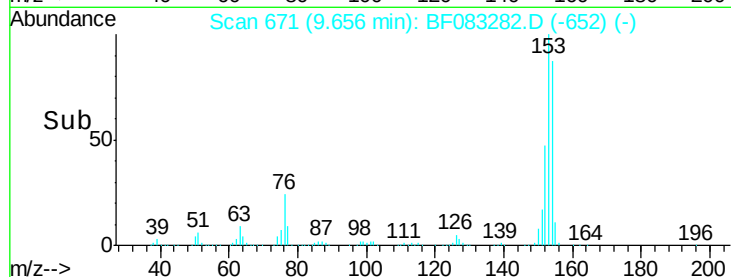
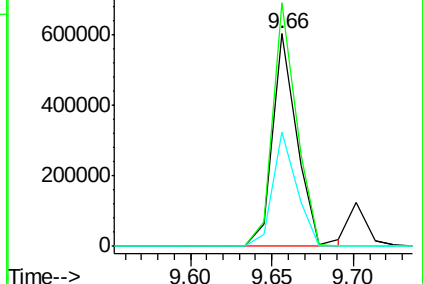
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.16 ng

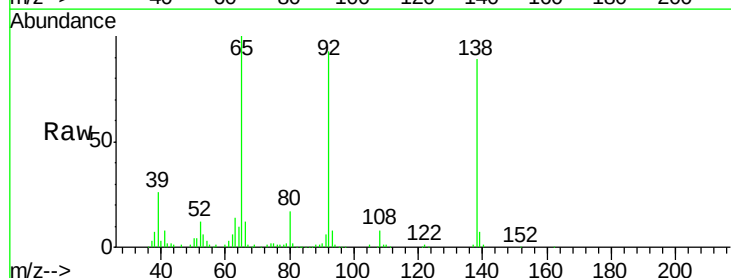
RT: 9.60 min Scan# 666

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

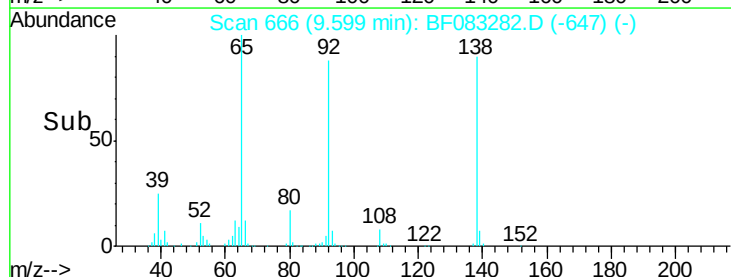
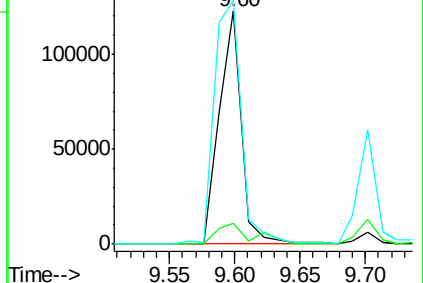
Tgt Ion:	138	Resp:	145783
Ion Ratio	Lower	Upper	
138	100		
108	8.9	7.8	11.6
92	104.5	81.1	121.7

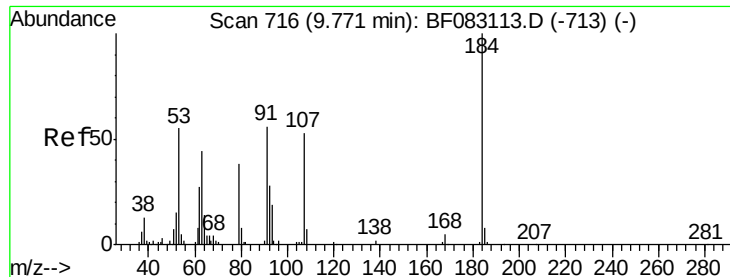


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





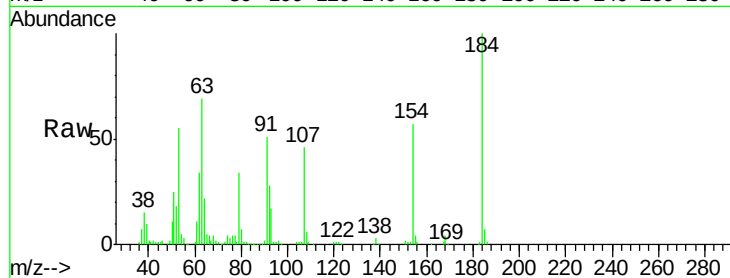
#53
2,4-Dinitrophenol
Concen: 63.18 ng
RT: 9.70 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

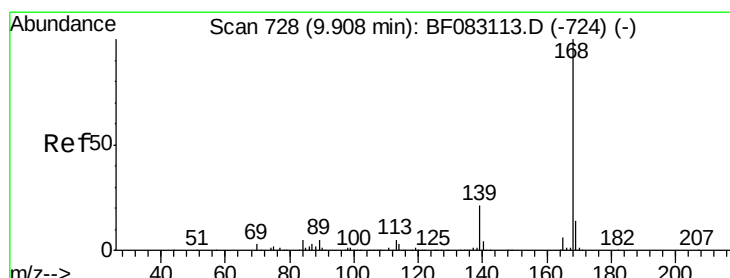
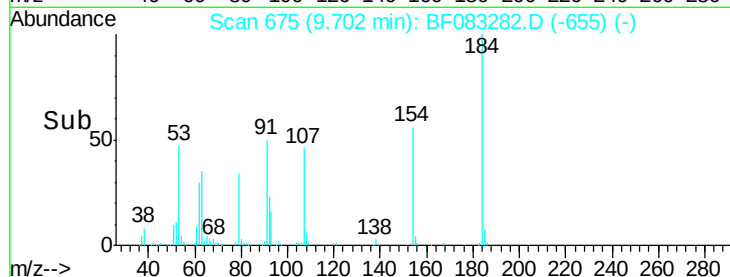
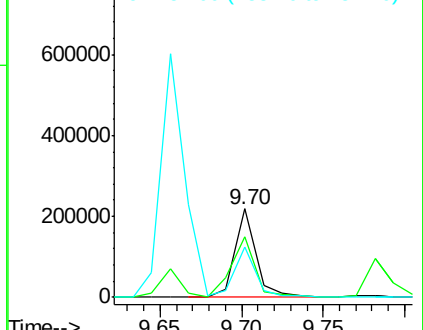
Tot Ion	Ratio	Resp	Lower	Upper
184	100	197832		
63	68.9	60.5	90.7	
154	56.8	54.3	81.5	

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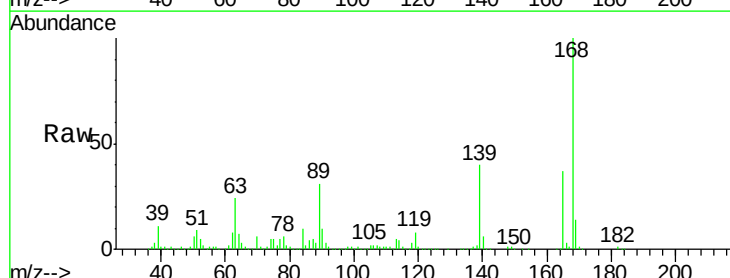


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

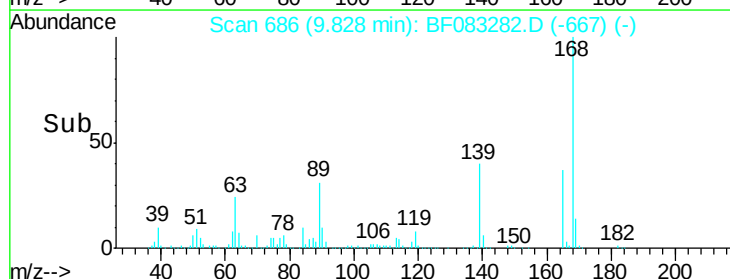
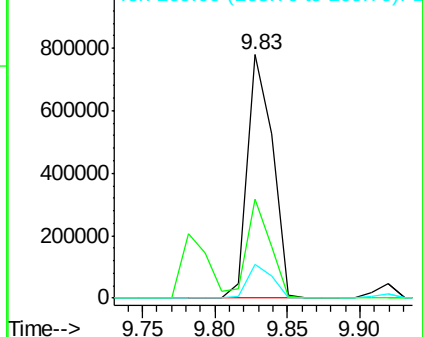


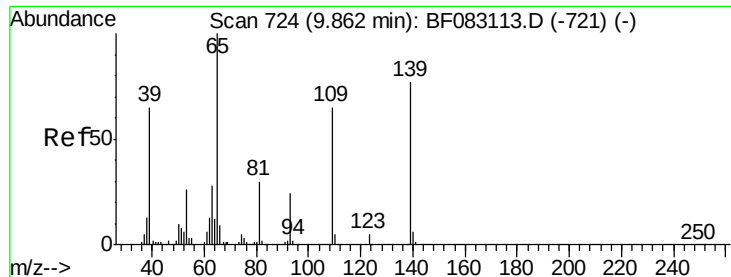
#54
Dibenzofuran
Concen: 33.37 ng
RT: 9.83 min Scan# 686
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	935876		
139	40.4	30.2	45.2	
169	14.0	10.9	16.3	



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





#55

4-Nitrophenol

Concen: 57.42 ng

RT: 9.78 min Scan# 682

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

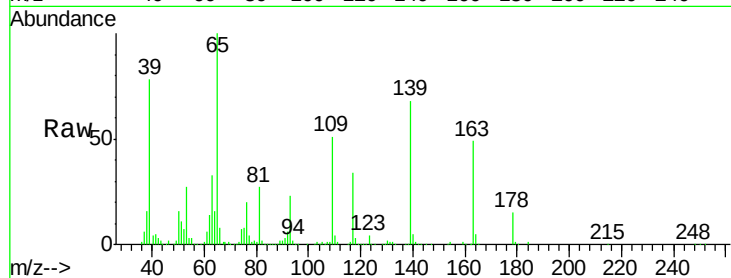
ClientSampleId :

P001-BF005-01MS

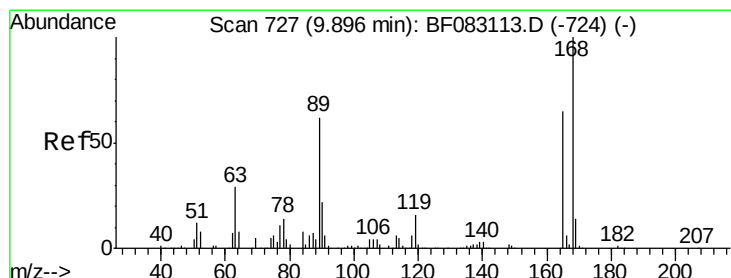
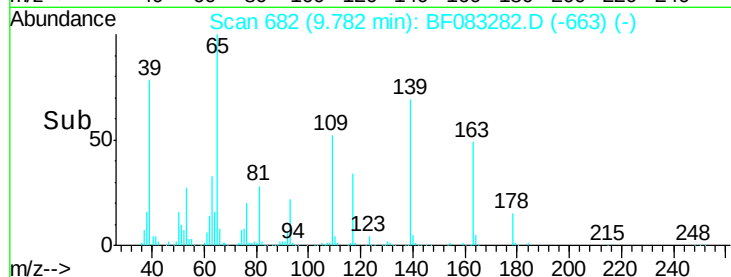
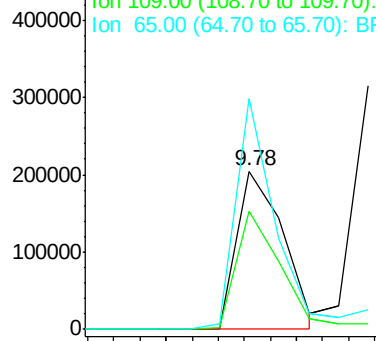
Tot Ion:	139	Resp:	255118
Ion Ratio	Lower	Upper	
139	100		
109	74.8	64.0	104.0
65	146.1	109.5	149.5

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



#56

2,4-Dinitrotoluene

Concen: 37.16 ng

RT: 9.83 min Scan# 686

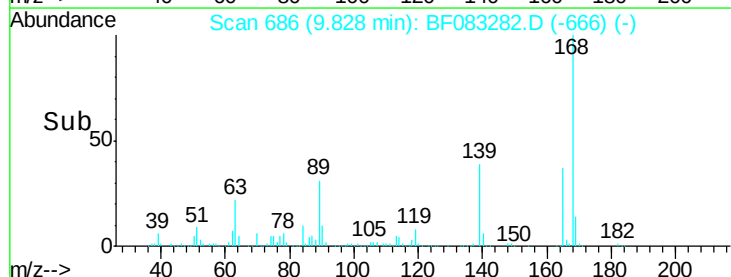
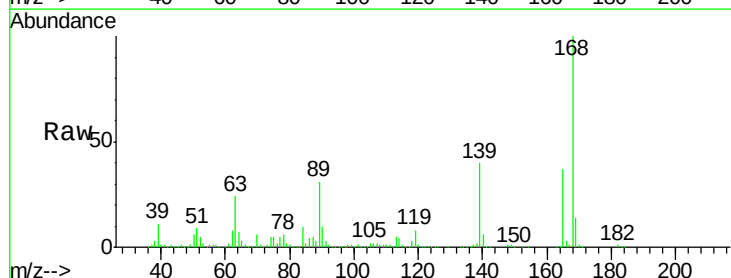
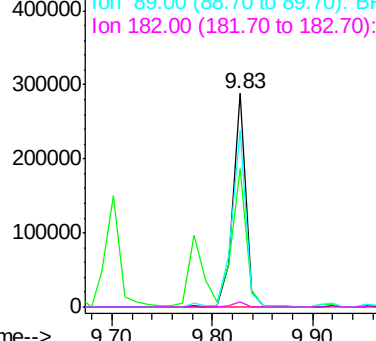
Delta R.T. -0.07 min

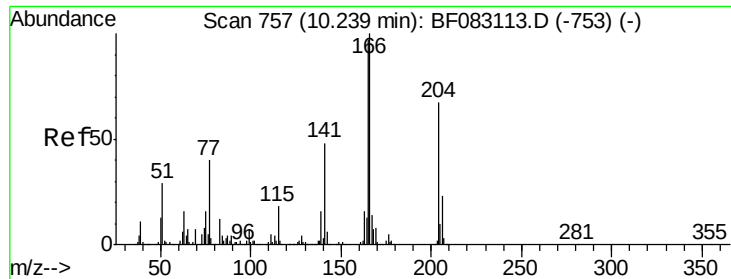
Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Tgt Ion:	165	Resp:	255868
Ion Ratio	Lower	Upper	
165	100		
63	65.0	54.5	81.7
89	83.0	77.3	115.9
182	2.3	1.8	2.6

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





#57

Fluorene

Concen: 32.45 ng

RT: 10.17 min Scan# 716

Delta R.T. -0.07 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

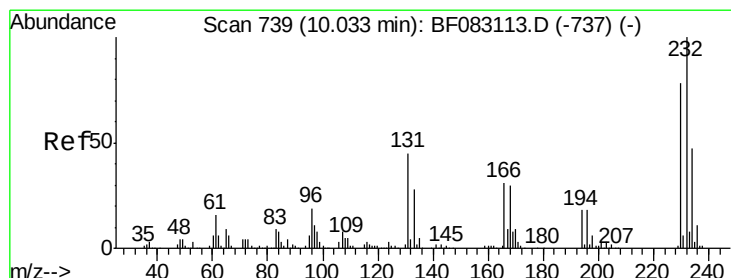
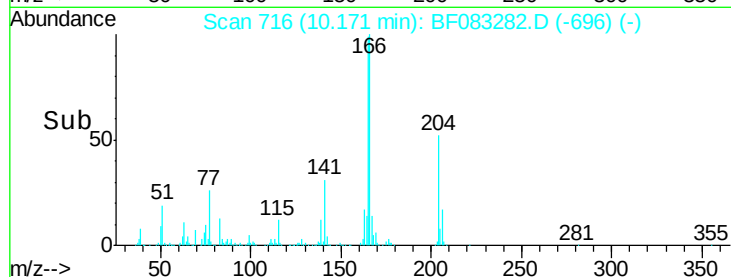
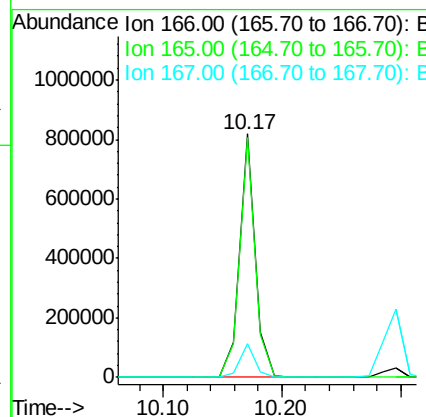
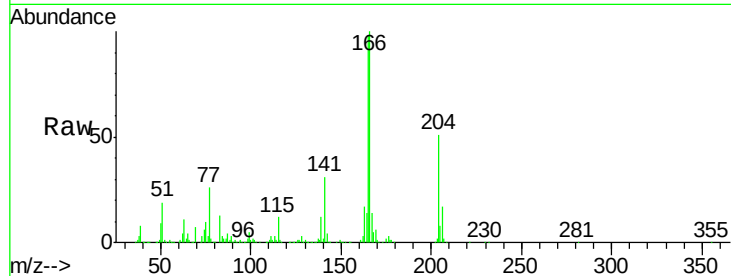
ClientSampleId :

P001-BF005-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		752161		
165	98.4		78.0	117.0	
167	13.6		11.3	16.9	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 32.99 ng

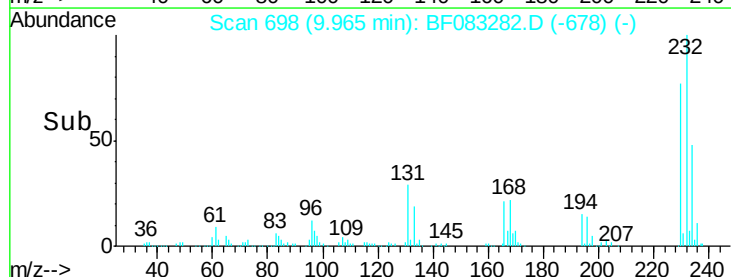
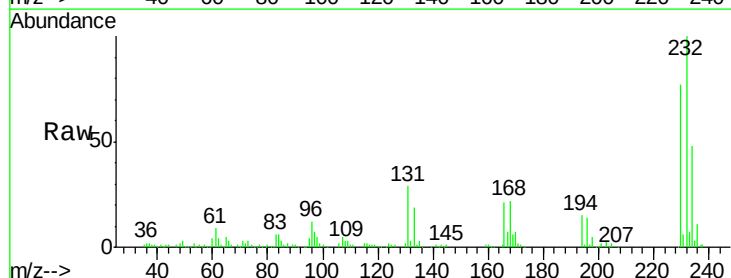
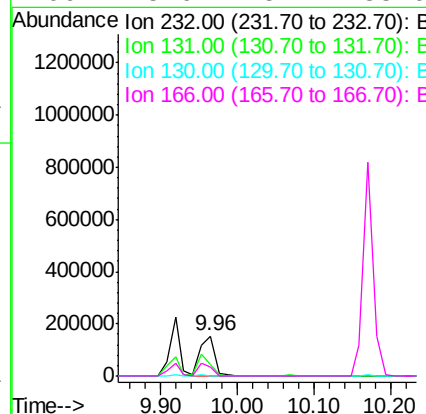
RT: 9.96 min Scan# 698

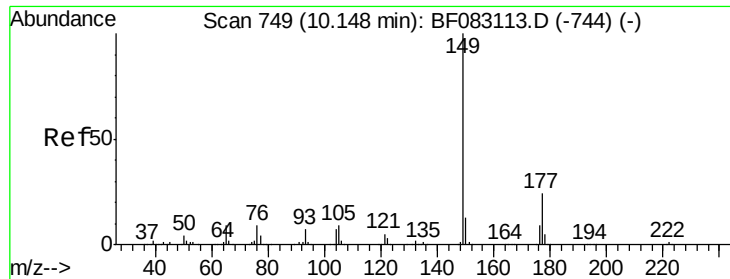
Delta R.T. -0.07 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		202067		
131	45.8		38.6	57.8	
130	2.3		1.9	2.9	
166	28.6		25.4	38.0	





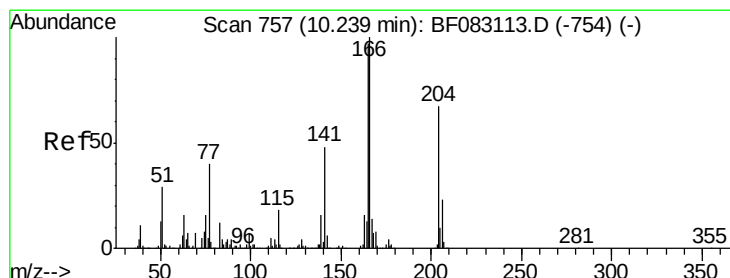
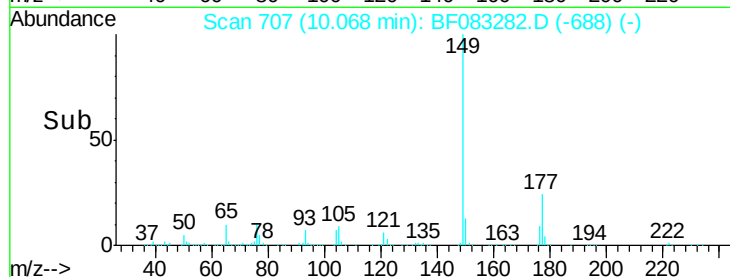
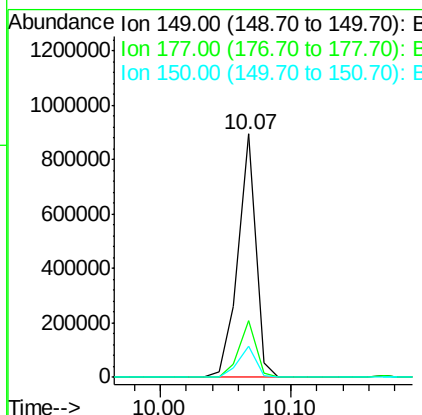
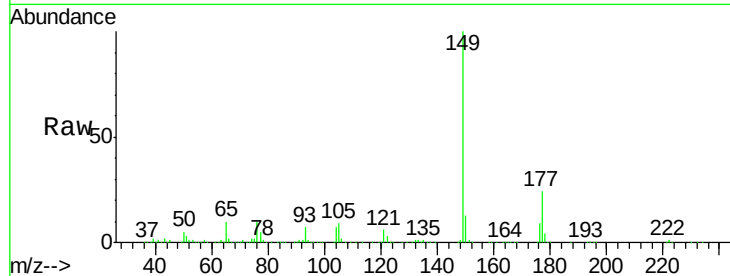
#59
Diethylphthalate
Concen: 35.05 ng
RT: 10.07 min Scan# 707
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	844965		
177	23.5	19.4	29.2	
150	12.7	10.2	15.2	

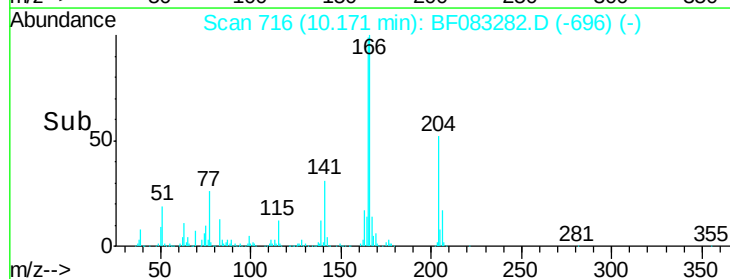
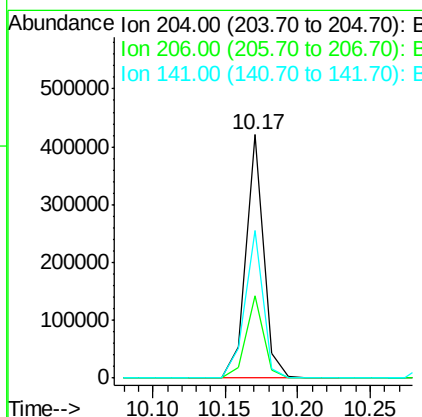
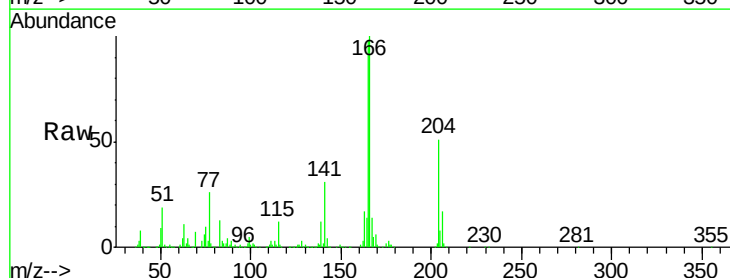
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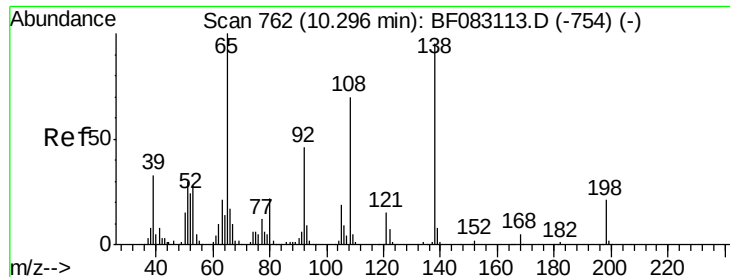
mmdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 33.66 ng
RT: 10.17 min Scan# 716
Delta R.T. -0.07 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	357368		
206	33.6	27.4	41.0	
141	60.4	57.4	86.2	





#61

4-Nitroaniline

Concen: 30.99 ng

RT: 10.20 min Scan# 719

Delta R.T. -0.09 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

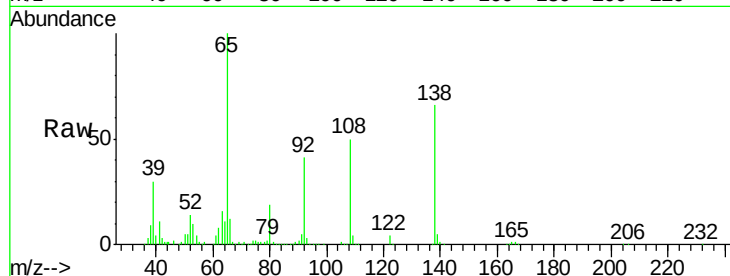
ClientSampleId :

P001-BF005-01MS

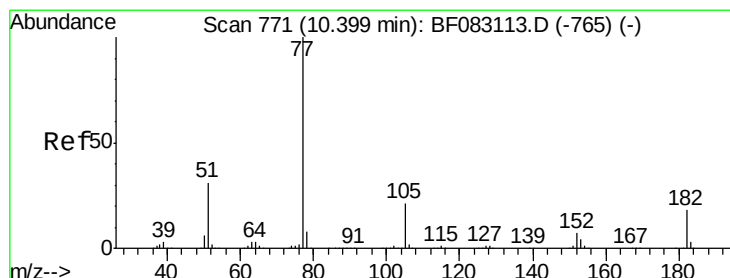
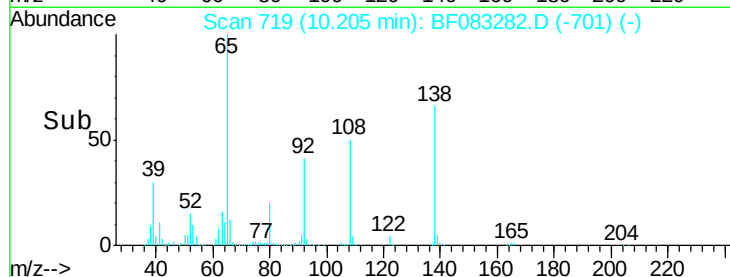
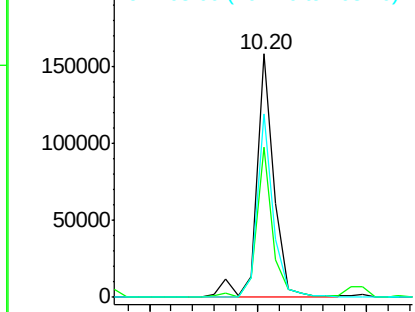
Tot Ion:	138	Resp:	176775
Ion Ratio	Lower	Upper	
138	100		
92	61.8	28.4	68.4
108	75.3	53.5	93.5

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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: 37.25 ng

RT: 10.33 min Scan# 730

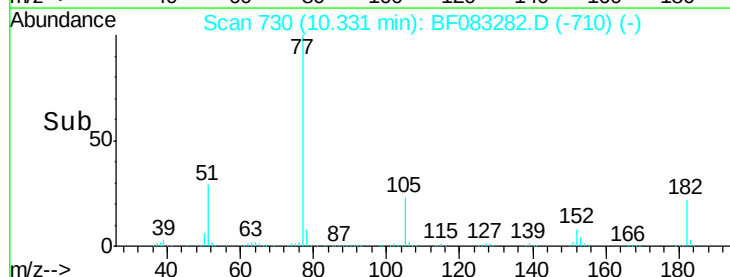
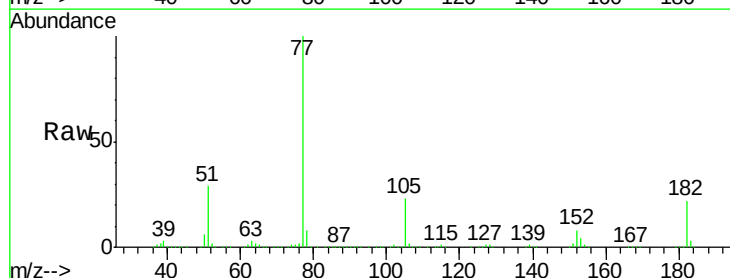
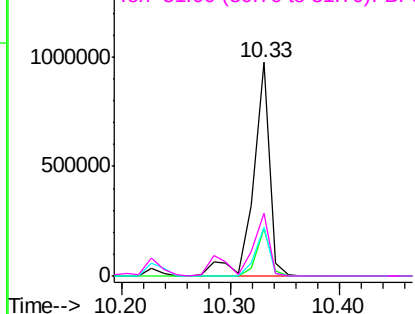
Delta R.T. -0.07 min

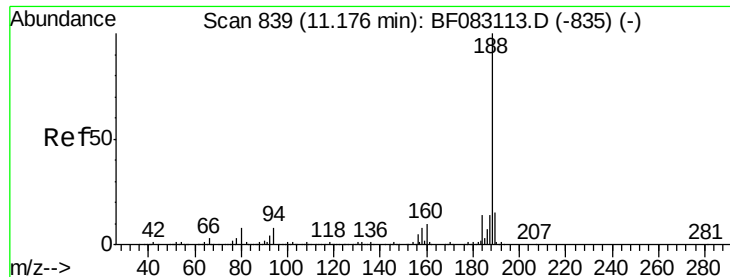
Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Tgt Ion:	77	Resp:	1025139
Ion Ratio	Lower	Upper	
77	100		
182	22.0	0.0	38.3
105	22.8	1.2	41.2
51	29.5	11.1	51.1

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





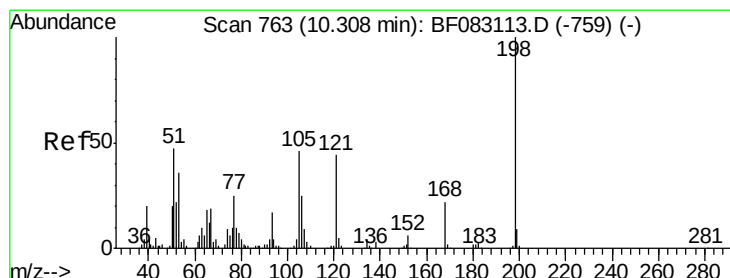
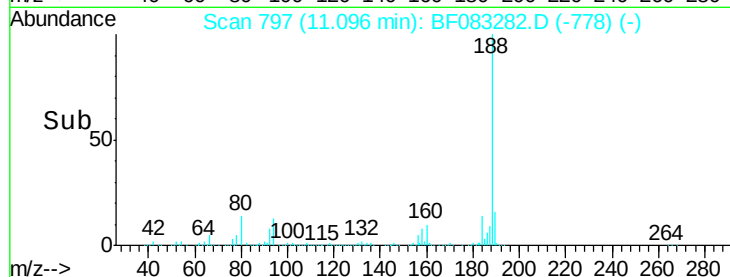
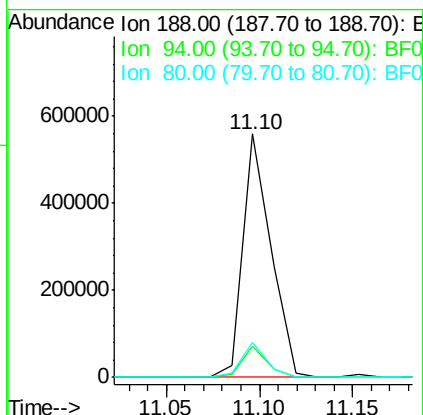
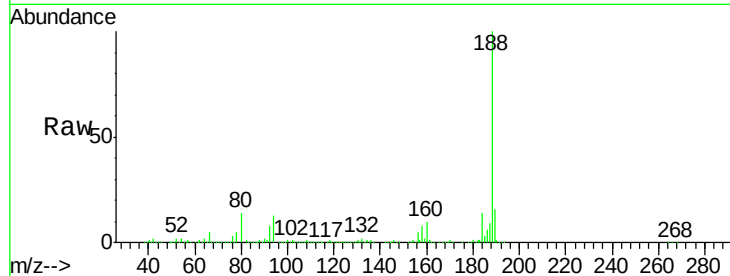
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.9	6.0	9.0#	
80	14.3	6.7	10.1#	

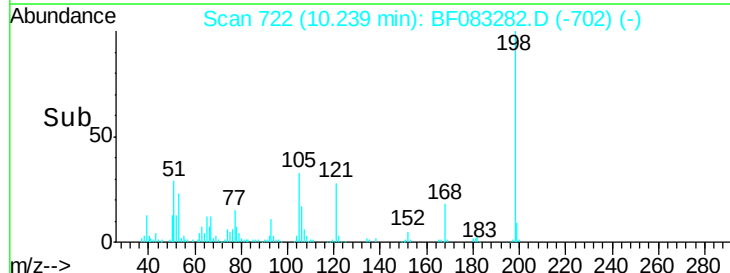
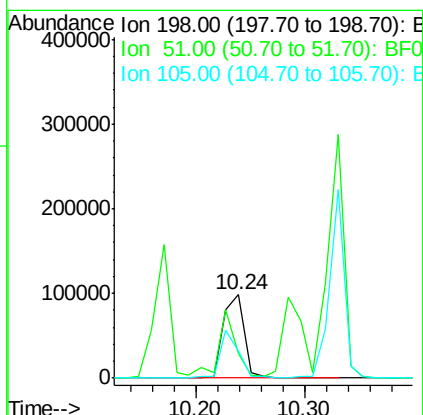
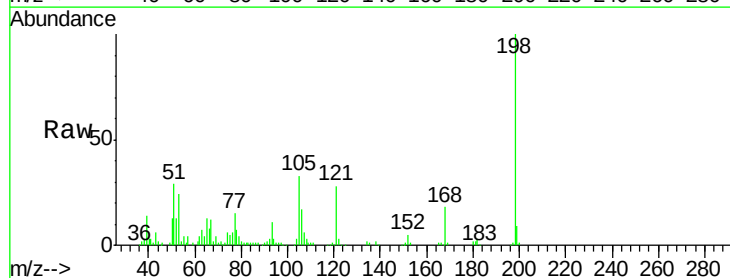
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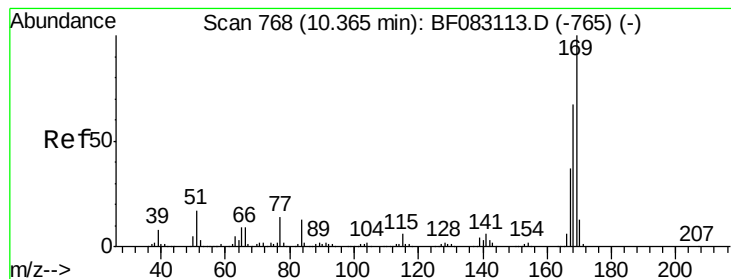
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.94 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.07 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	29.1	27.0	67.0	
105	33.2	26.1	66.1	





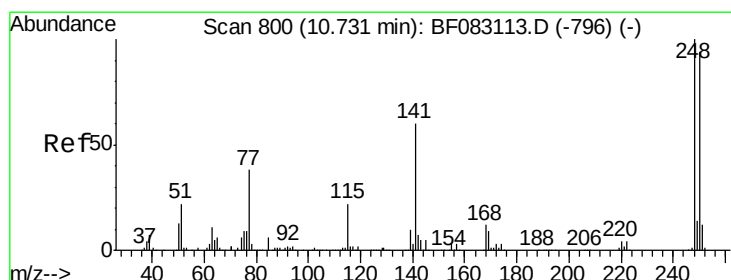
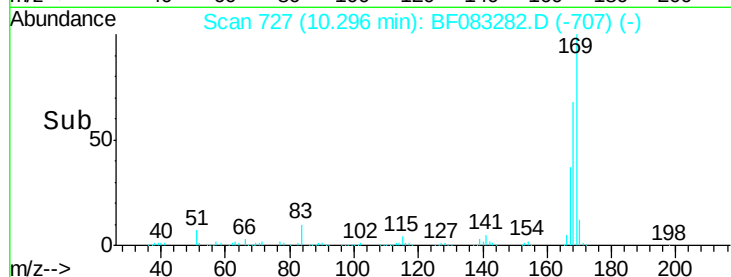
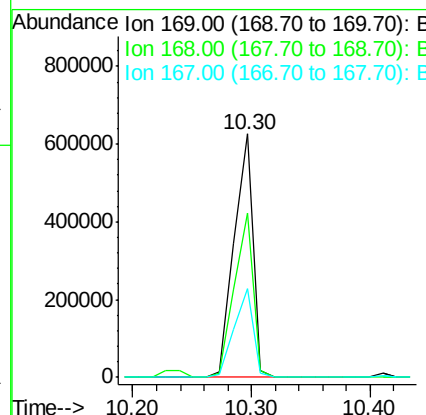
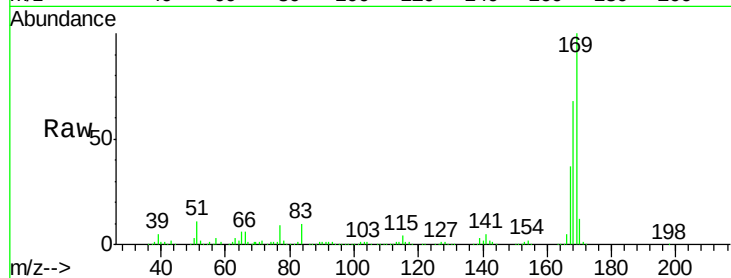
#65
n-Nitrosodiphenylamine
Concen: 34.83 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.07 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	693530		
168	67.6	53.8	80.6	
167	36.7	29.8	44.8	

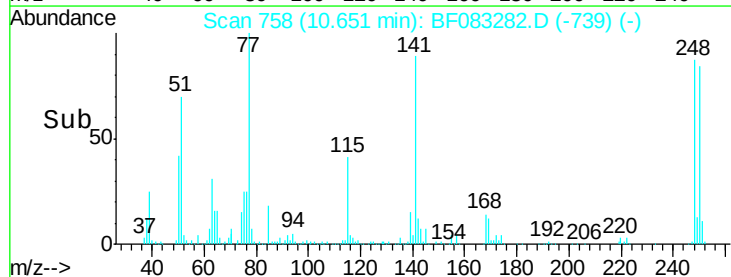
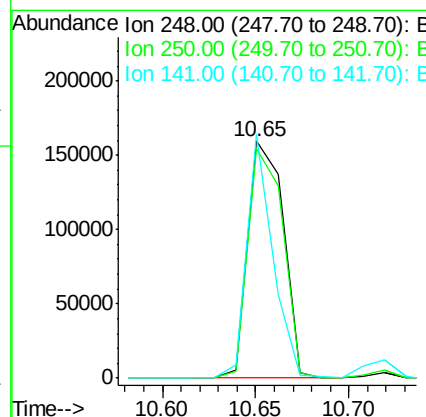
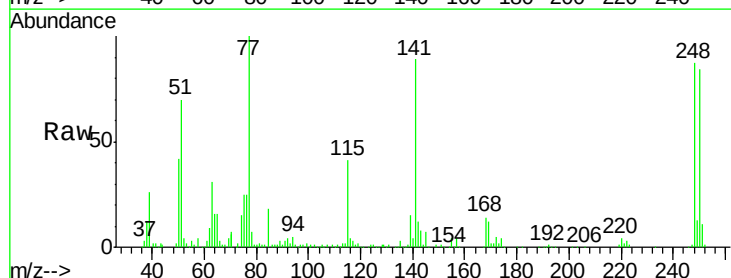
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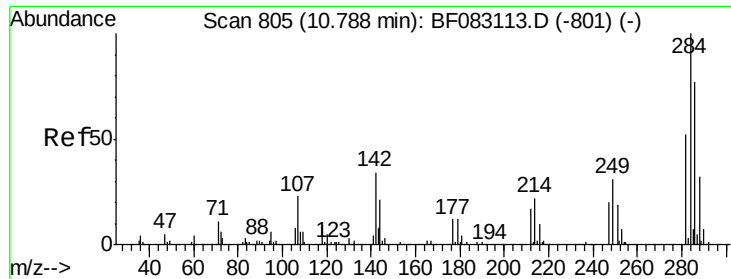
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#66
4-Bromophenyl-phenylether
Concen: 32.39 ng
RT: 10.65 min Scan# 758
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	210436		
250	97.1	75.4	113.2	
141	102.8	48.1	72.1	





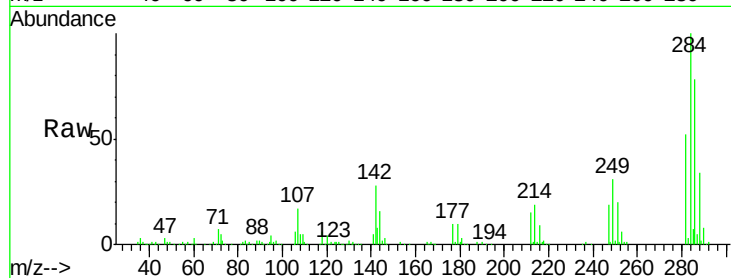
#67
Hexachlorobenzene
Concen: 33.21 ng
RT: 10.72 min Scan# 764
Delta R.T. -0.07 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

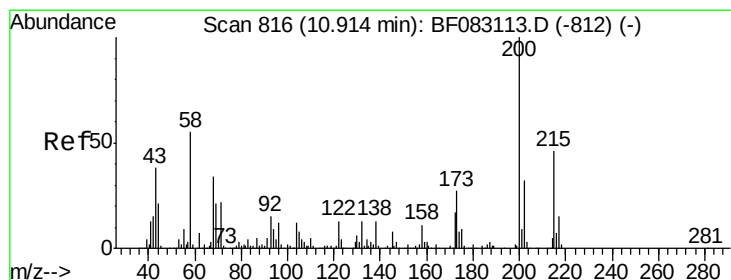
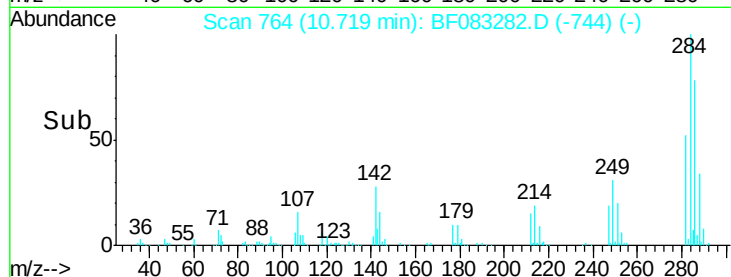
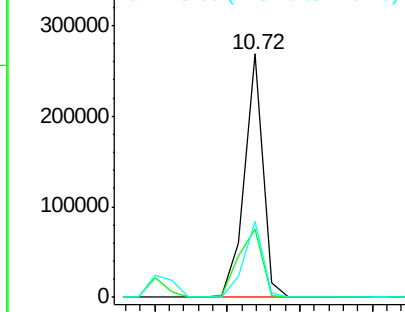
Tot Ion	Ratio	Resp	Lower	Upper
284	100	237628		
142	28.0		27.6	41.4
249	31.0		25.5	38.3

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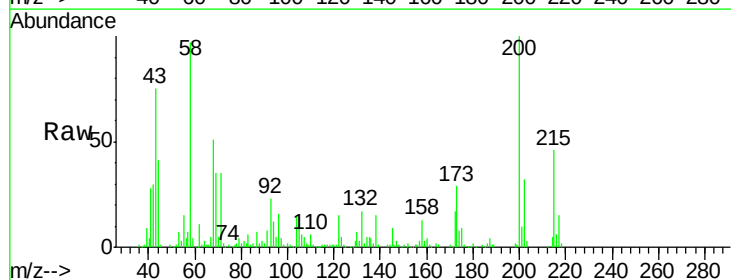


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

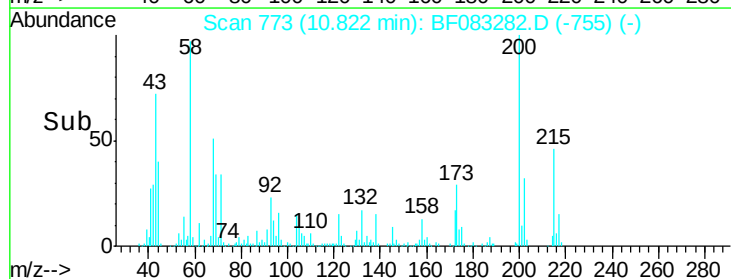
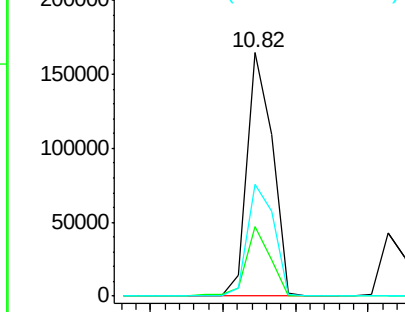


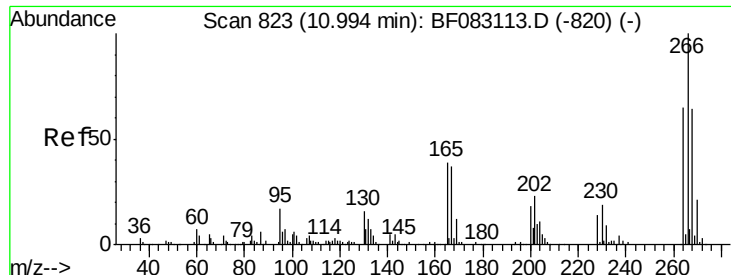
#68
Atrazine
Concen: 34.67 ng
RT: 10.82 min Scan# 773
Delta R.T. -0.09 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	200491		
173	28.5		7.2	47.2
215	46.1		25.7	65.7



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





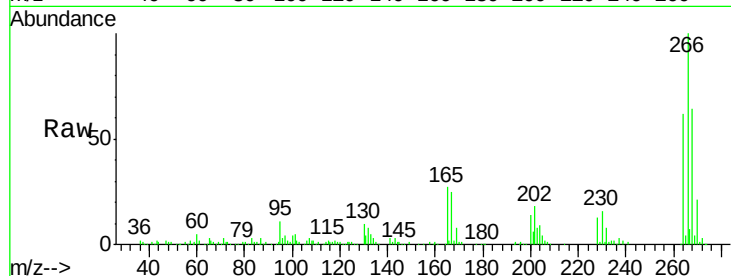
#69
 Pentachlorophenol
 Concen: 57.73 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.07 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MS

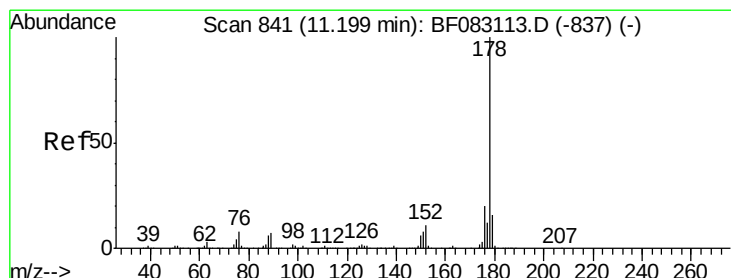
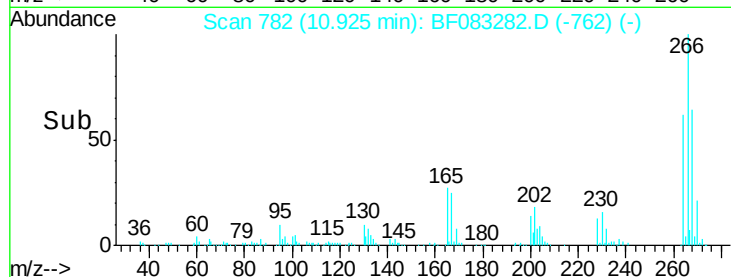
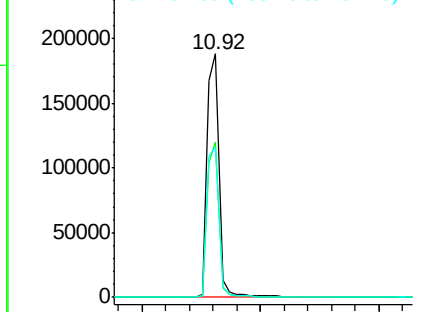
Tot Ion	Ratio	Resp	Lower	Upper
266	100	269039		
268	64.1		51.4	77.0
264	61.7		51.7	77.5

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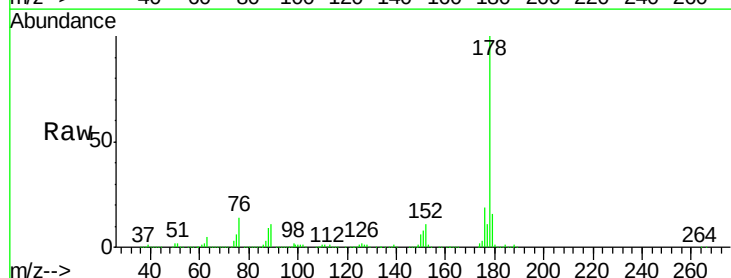


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

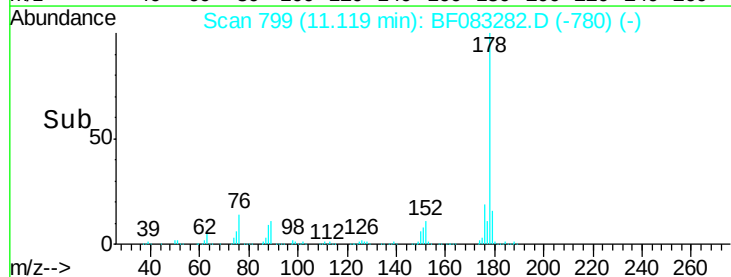
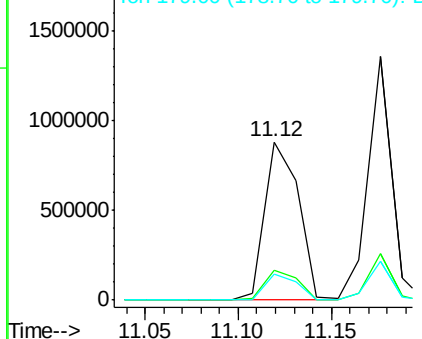


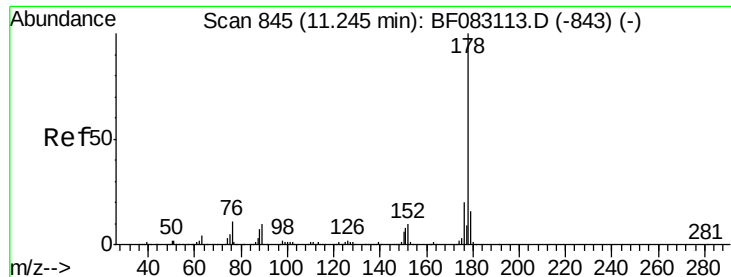
#70
 Phenanthrene
 Concen: 32.77 ng
 RT: 11.12 min Scan# 799
 Delta R.T. -0.08 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1105375		
176	19.1		16.2	24.2
179	16.1		12.8	19.2



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





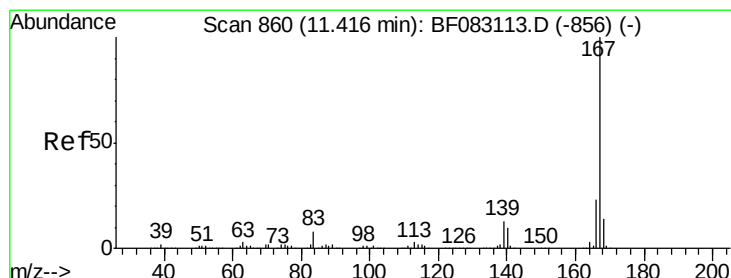
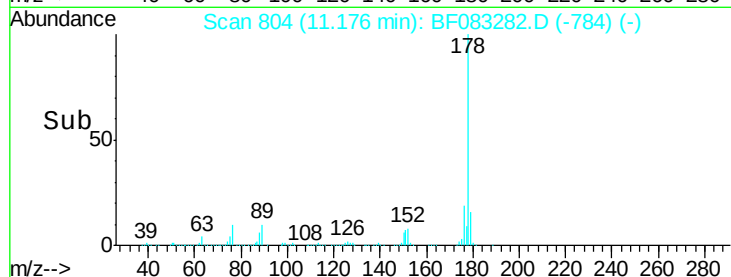
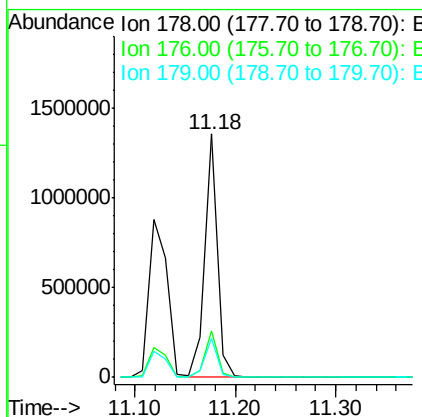
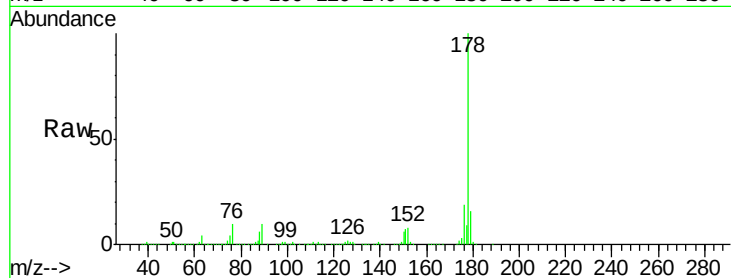
#71
 Anthracene
 Concen: 34.35 ng
 RT: 11.18 min Scan# 804
 Delta R.T. -0.07 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MS

Tot Ion:178 Resp: 1182422
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.0 13.2 19.8

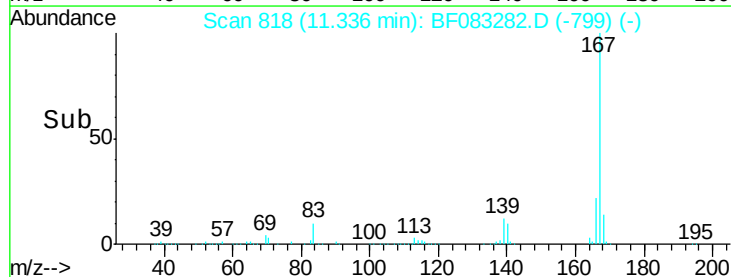
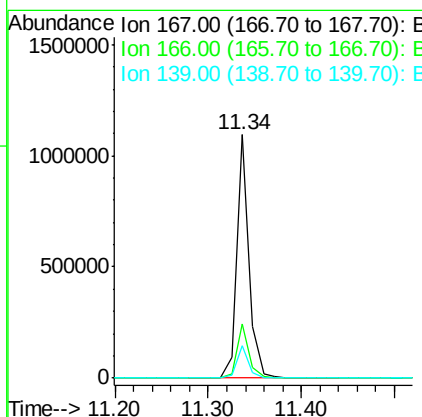
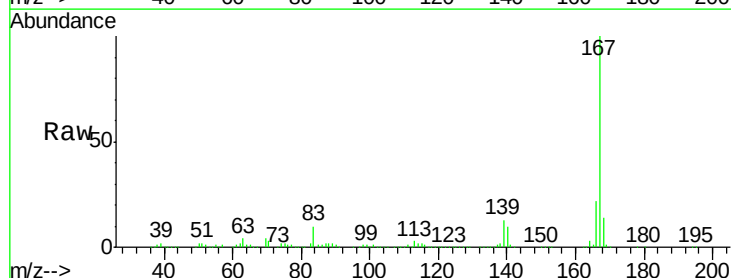
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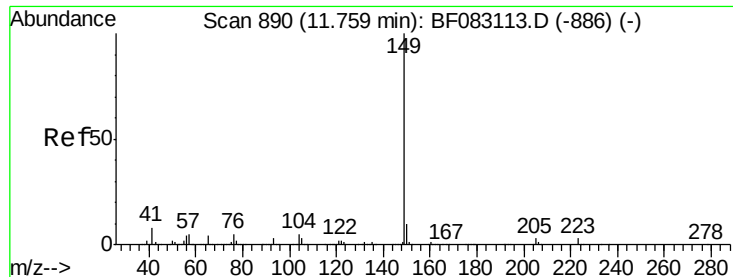
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#72
 Carbazole
 Concen: 32.77 ng
 RT: 11.34 min Scan# 818
 Delta R.T. -0.08 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Tgt Ion:167 Resp: 1002504
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 13.1 10.5 15.7





#73

Di-n-butylphthalate

Concen: 33.37 ng

RT: 11.68 min Scan# 848

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

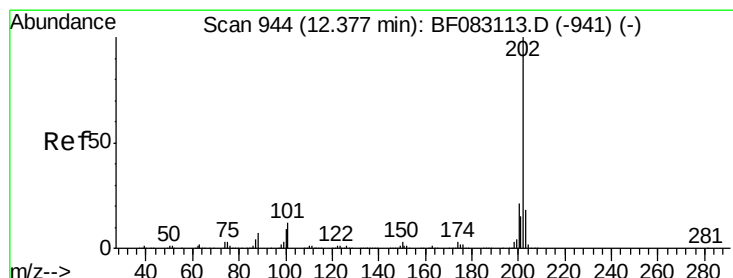
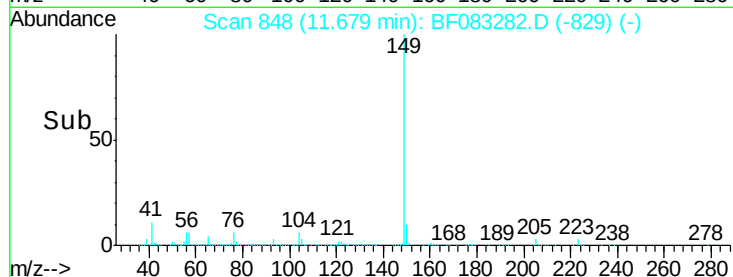
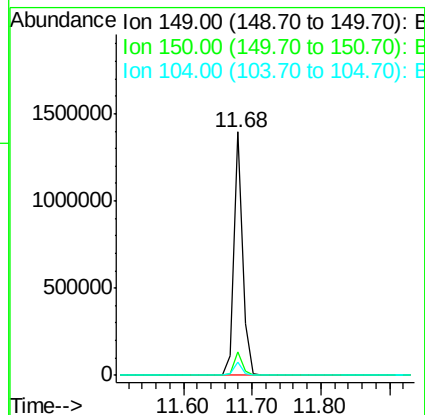
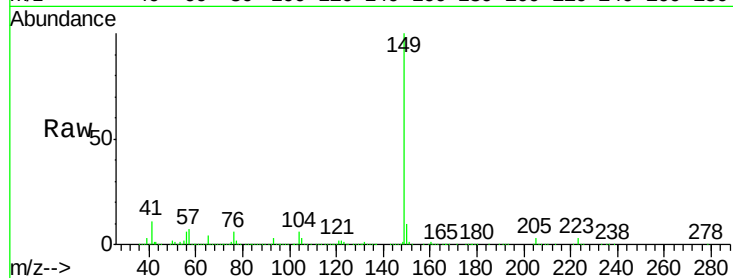
ClientSampleId :

P001-BF005-01MS

Tot Ion:	149	Resp:	1245984
Ion Ratio	Lower	Upper	
149	100		
150	9.9	8.0	12.0
104	5.5	4.4	6.6

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#74

Fluoranthene

Concen: 32.22 ng

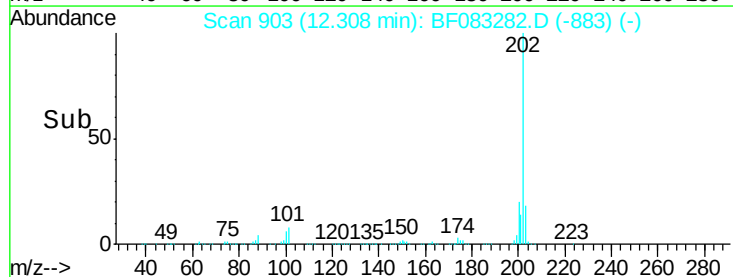
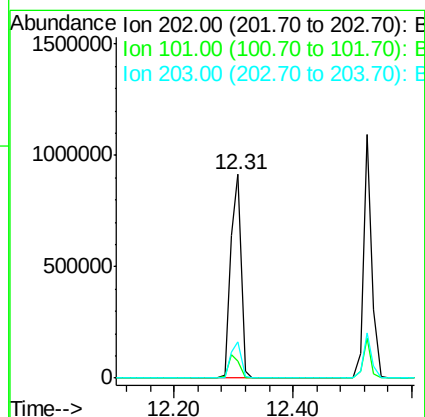
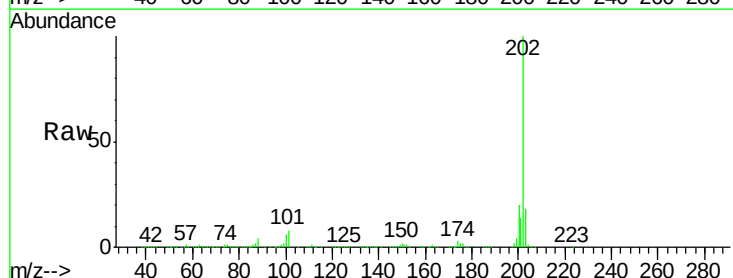
RT: 12.31 min Scan# 903

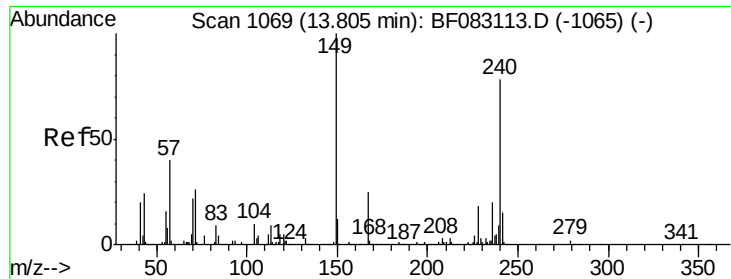
Delta R.T. -0.07 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Tgt Ion:	202	Resp:	1112402
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	32.3
203	17.7	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01MS

Tot Ion:240 Resp: 452382

Ion Ratio Lower Upper

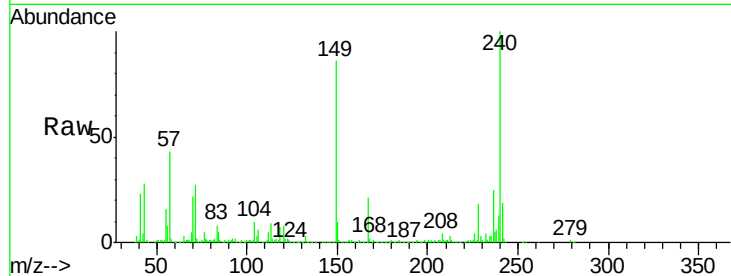
240 100

120 8.0 5.4 8.2

236 25.4 20.6 31.0

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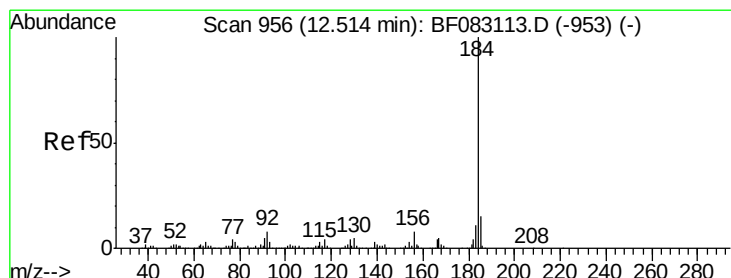
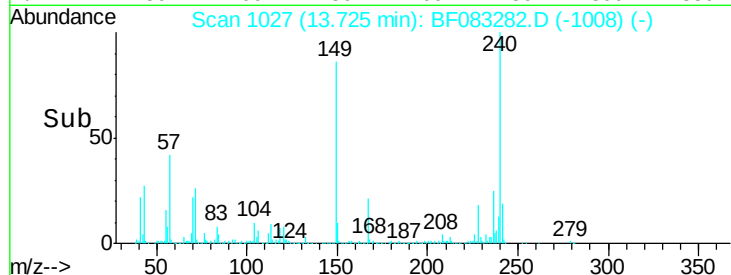
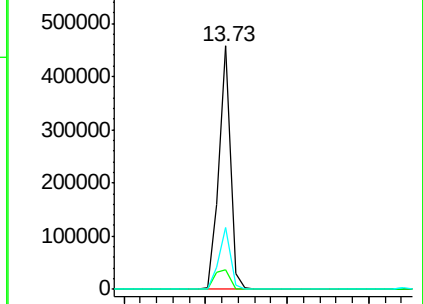
mmdadoda
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.67 ng

RT: 12.43 min Scan# 914

Delta R.T. -0.08 min

Lab File: BF083282.D

Acq: 25 Nov 2015 19:23

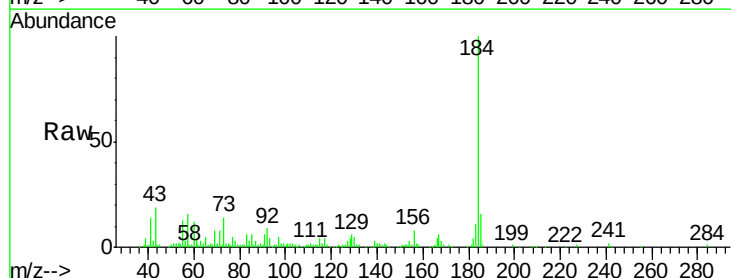
Tgt Ion:184 Resp: 173941

Ion Ratio Lower Upper

184 100

185 16.0 11.7 17.5

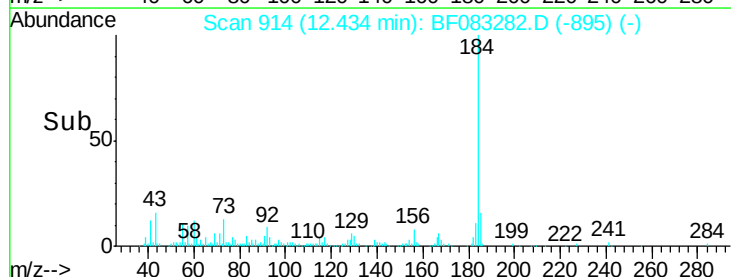
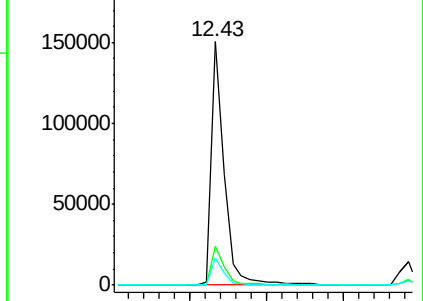
183 11.3 8.8 13.2

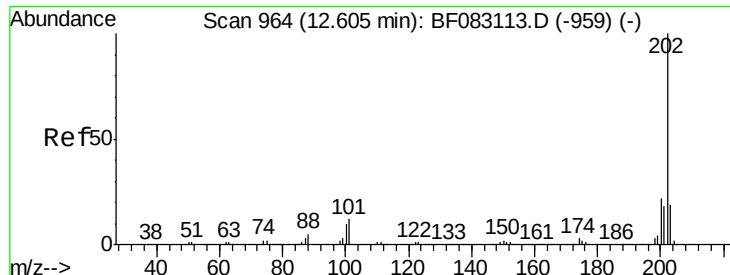


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





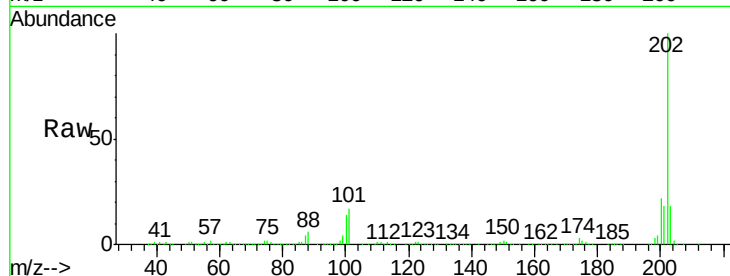
#77
Pvrene
Concen: 34.12 ng
RT: 12.53 min Scan# 922
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

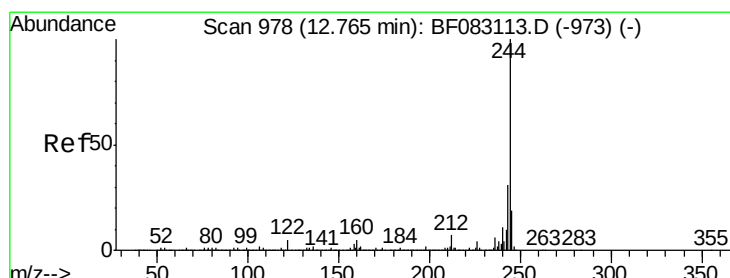
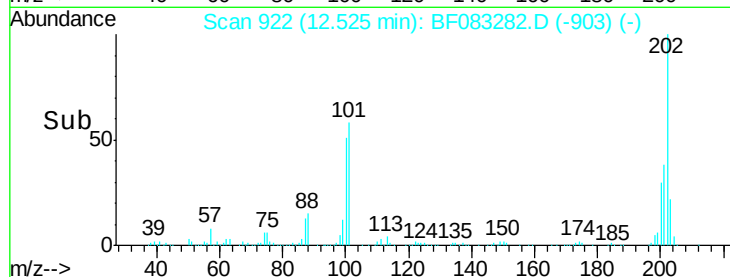
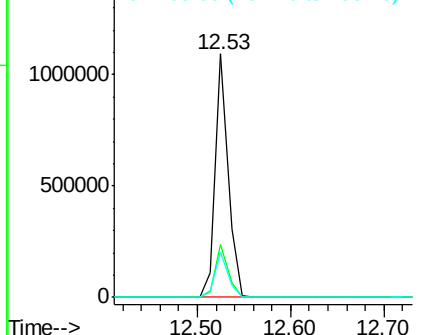
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	18.4	15.0	22.4

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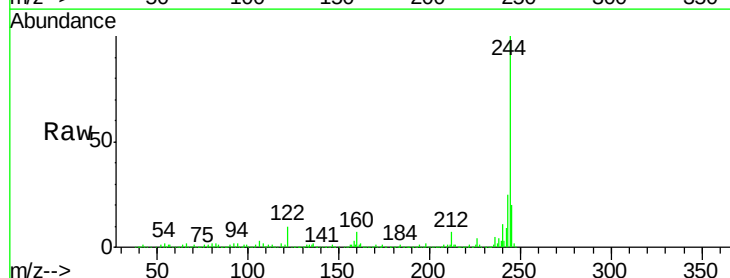


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

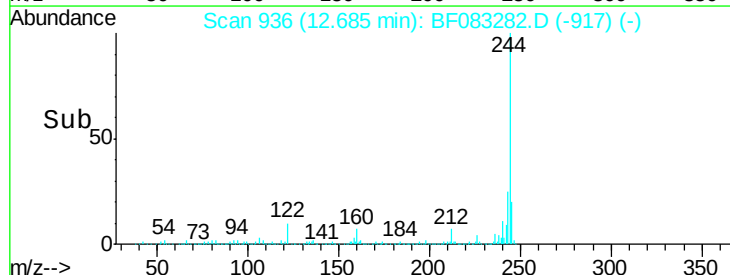
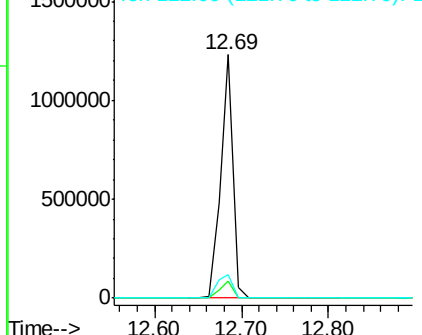


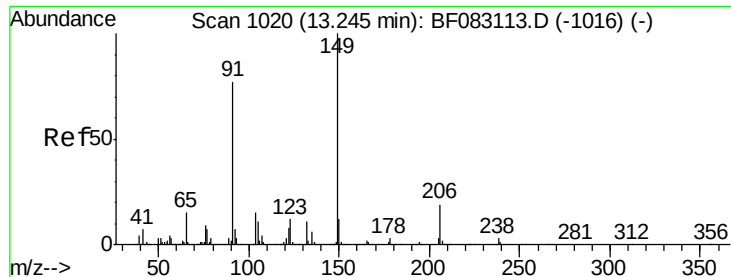
#78
Terphenyl-d14
Concen: 63.83 ng
RT: 12.69 min Scan# 936
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	9.8	4.3	6.5



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





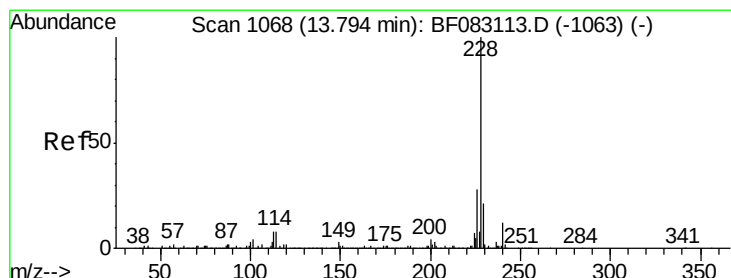
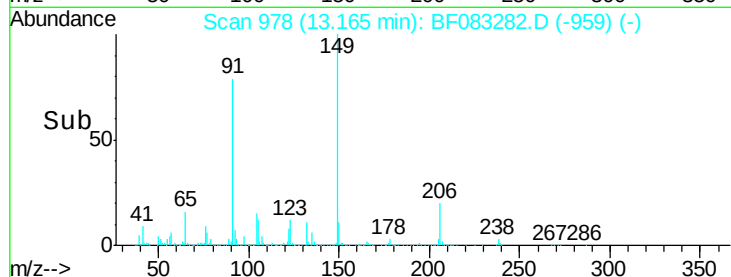
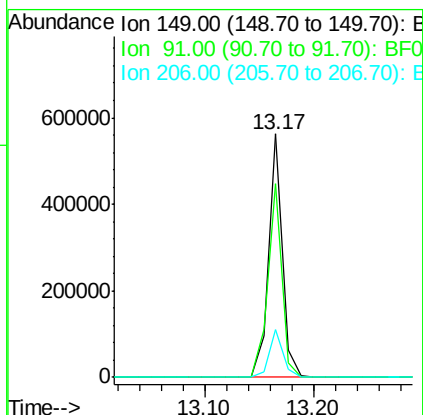
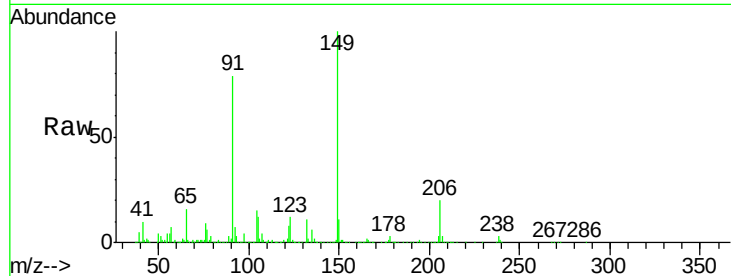
#79
Butylbenzylphthalate
Concen: 34.07 ng
RT: 13.17 min Scan# 978
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	79.4	61.5	92.3	
206	19.8	15.3	22.9	

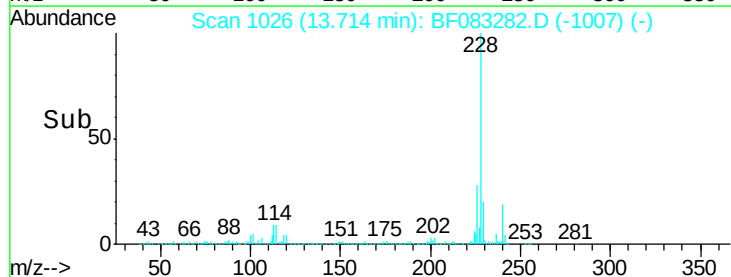
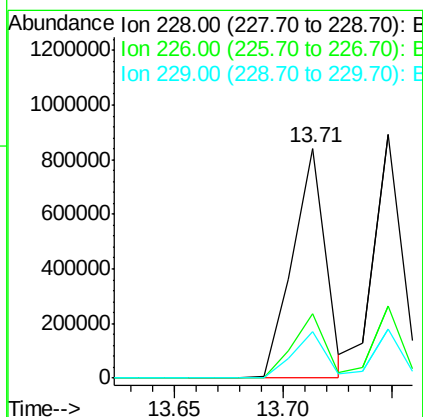
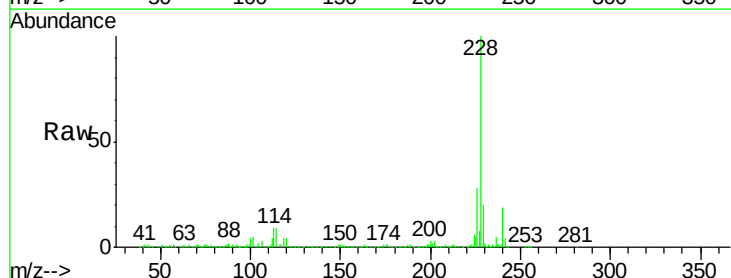
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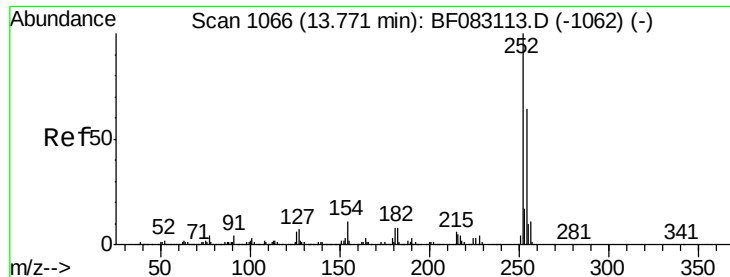
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#80
Benzo(a)anthracene
Concen: 31.73 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.1	22.6	33.8	
229	20.2	16.6	24.8	





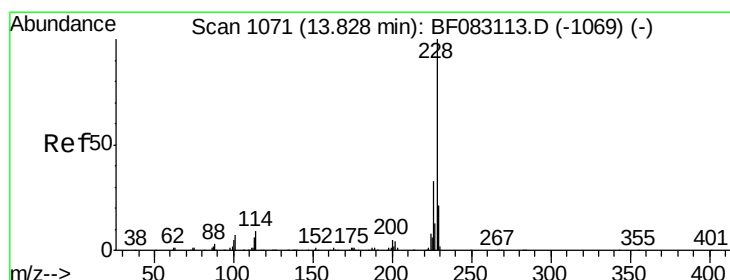
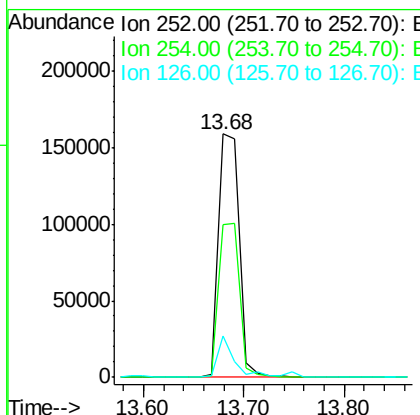
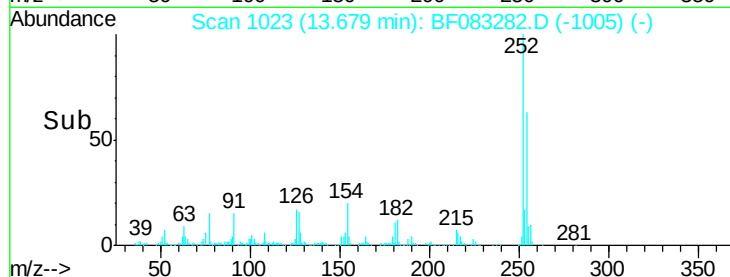
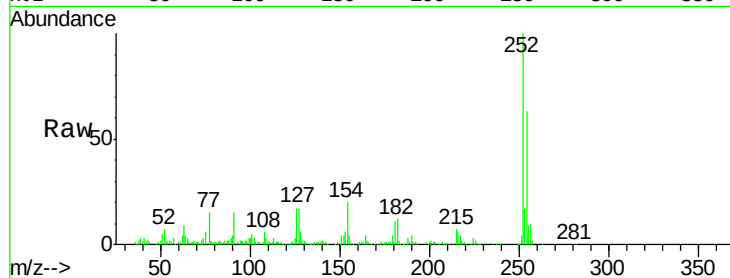
#81
 3,3'-Dichlorobenzidine
 Concen: 23.53 ng
 RT: 13.68 min Scan# 1023
 Delta R.T. -0.09 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	229095		
254	62.9	51.5	77.3	
126	16.8	5.2	7.8	

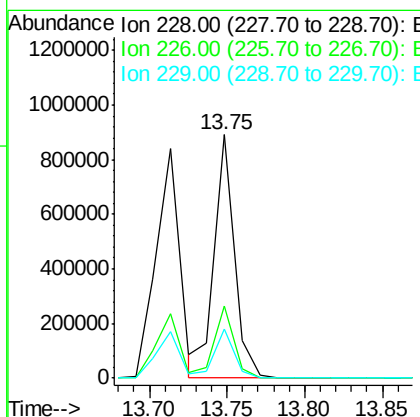
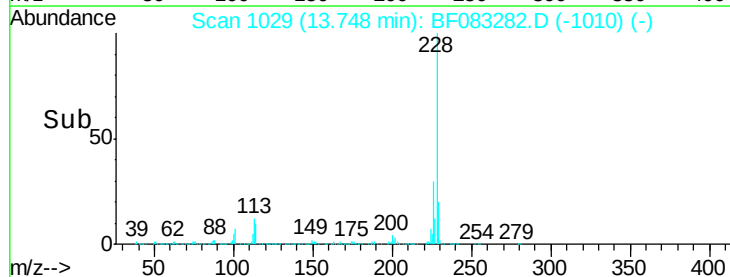
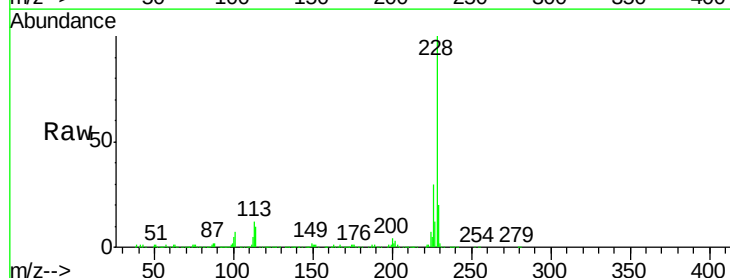
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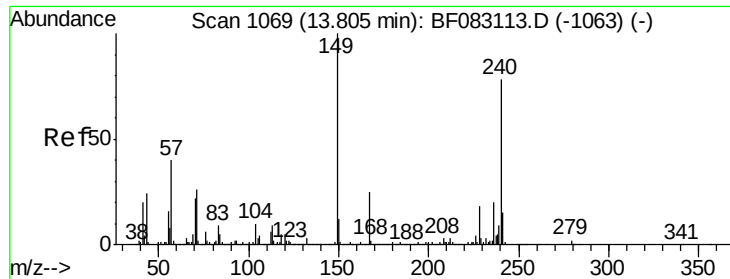
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#82
 Chrysene
 Concen: 31.00 ng m
 RT: 13.75 min Scan# 1029
 Delta R.T. -0.08 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	804387		
226	29.8	25.5	38.3	
229	20.0	16.6	25.0	





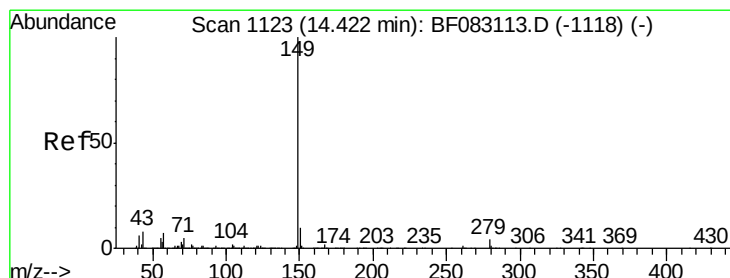
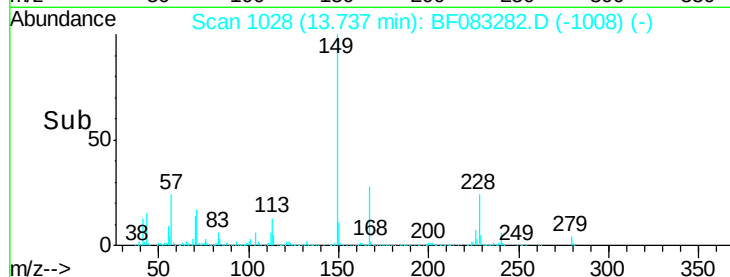
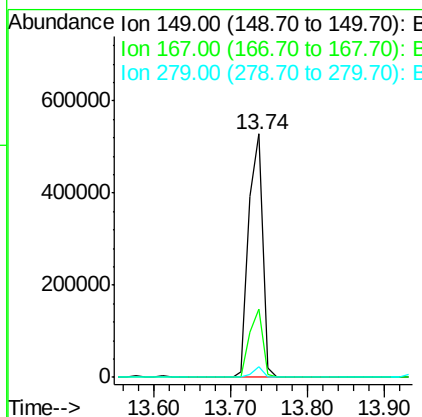
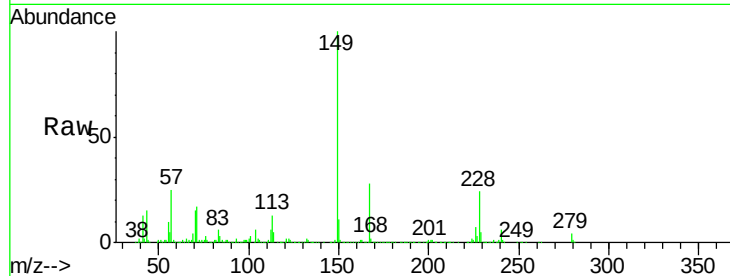
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.62 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.07 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	661359		
167	28.0	20.1	30.1	
279	4.1	1.7	2.5	

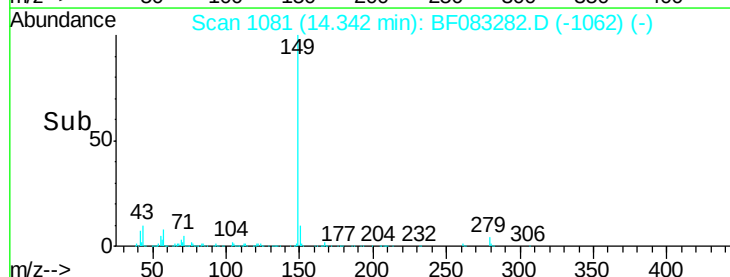
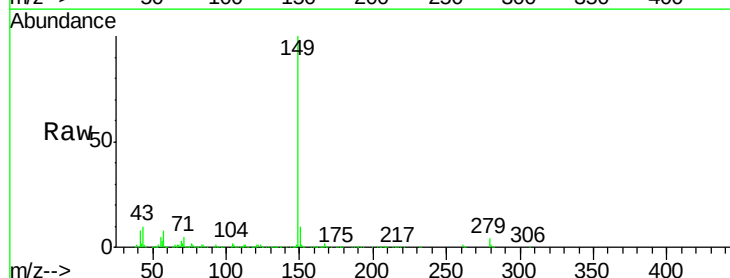
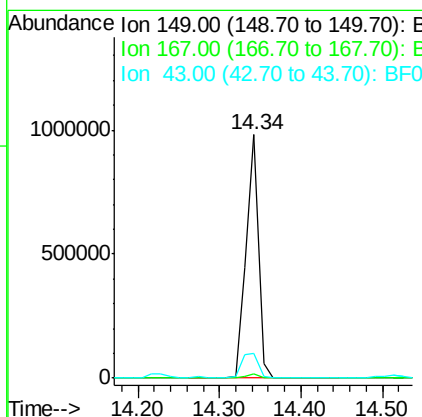
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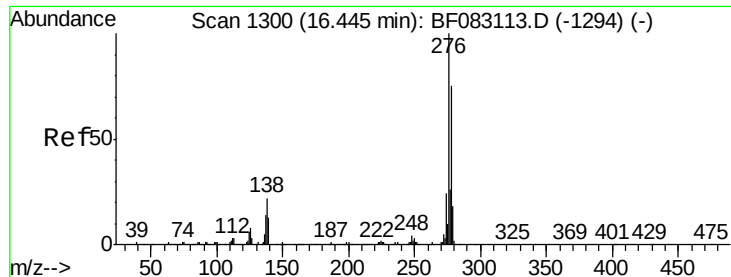
mmdadoda
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#84
 Di-n-octyl phthalate
 Concen: 31.21 ng
 RT: 14.34 min Scan# 1081
 Delta R.T. -0.08 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1026383		
167	1.6	1.2	1.8	
43	13.2	9.5	14.3	





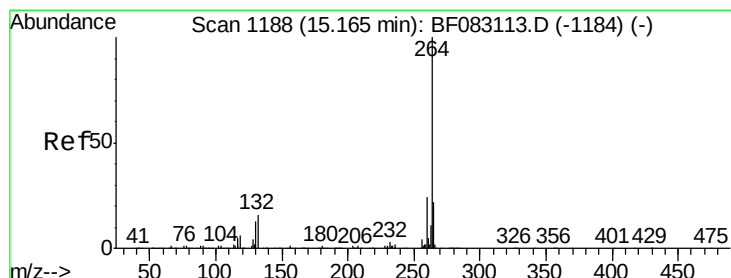
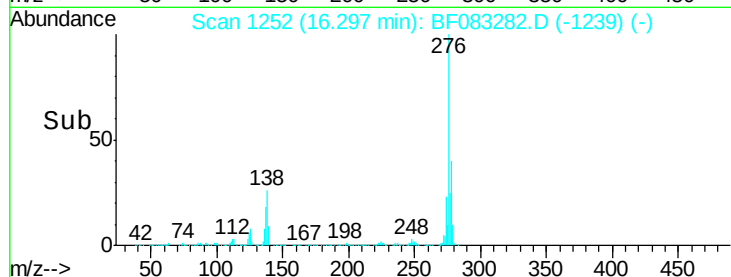
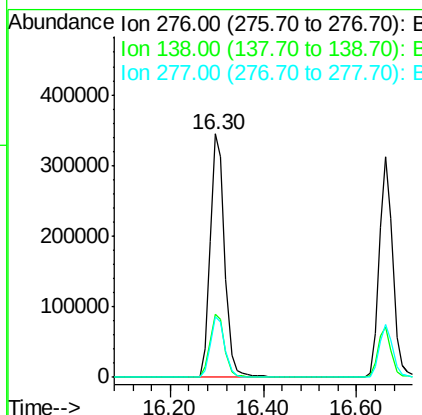
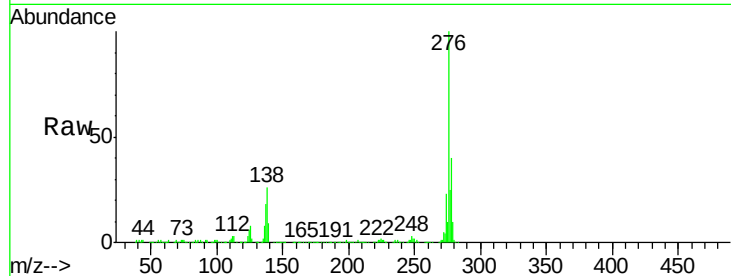
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.91 ng
RT: 16.30 min Scan# 1252
Delta R.T. -0.15 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	18.0	27.0
277	24.9	20.2	30.4

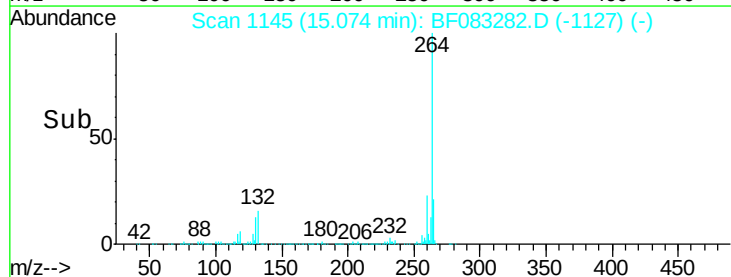
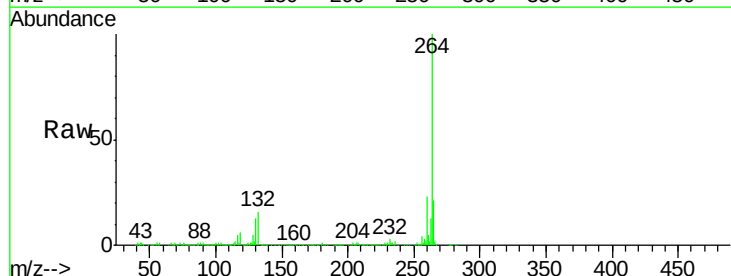
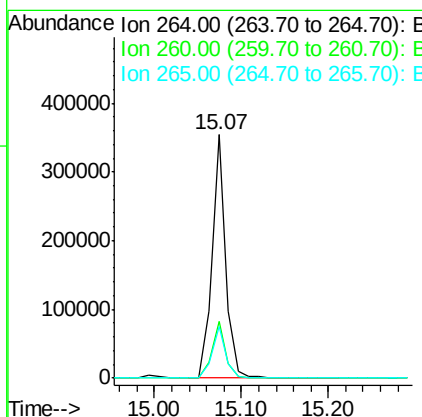
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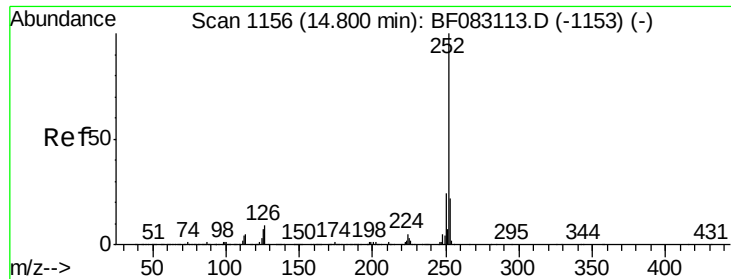
mmdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.4	18.2	27.4





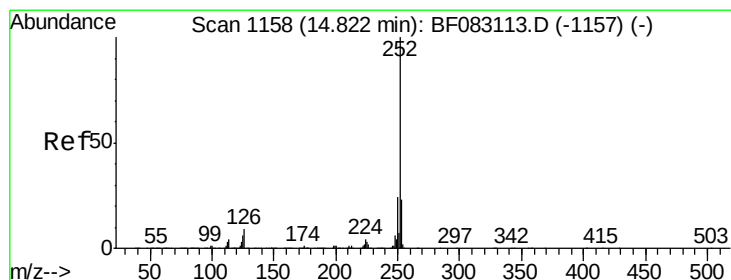
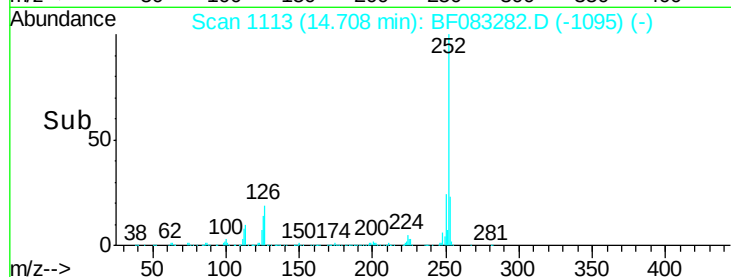
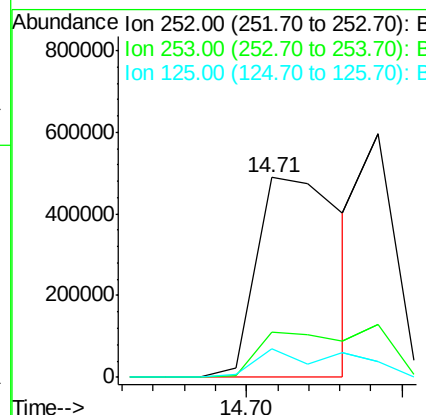
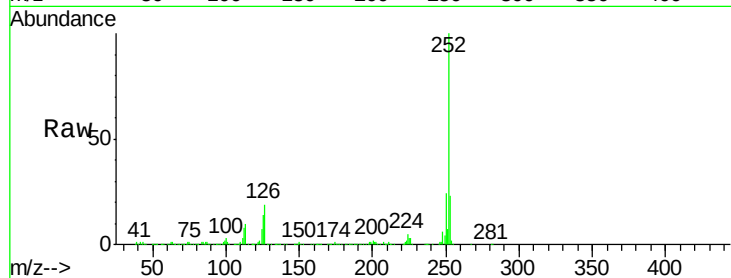
#87
Benzo(b)fluoranthene
Concen: 35.63 ng m
RT: 14.71 min Scan# 1113
Delta R.T. -0.09 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	14.0	5.6	8.4#

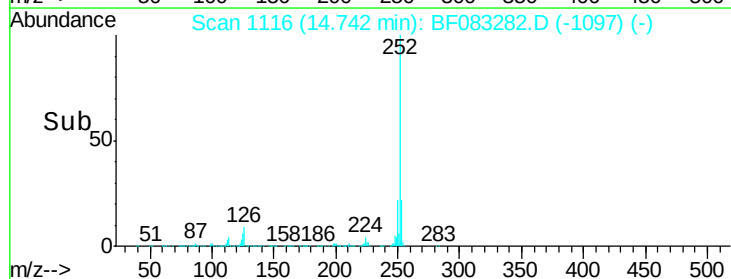
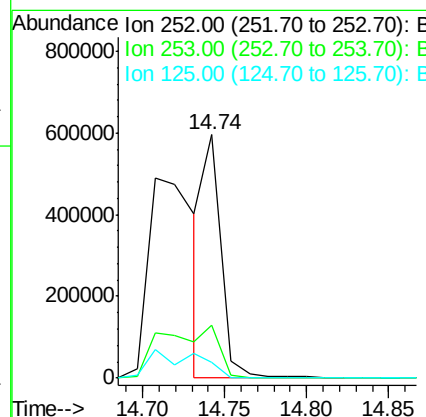
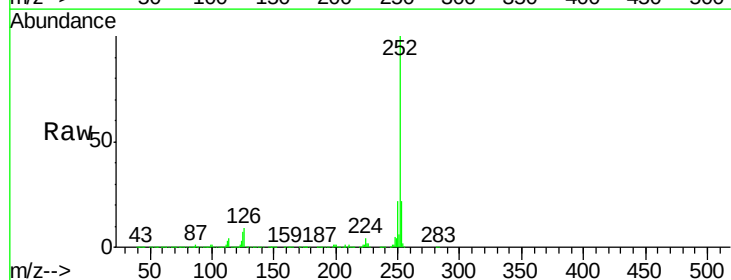
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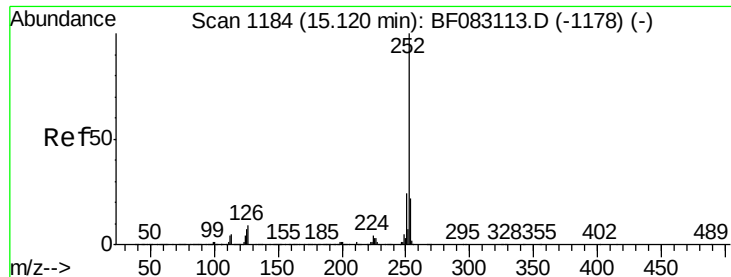
mmdadoda
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#88
Benzo(k)fluoranthene
Concen: 22.77 ng m
RT: 14.74 min Scan# 1116
Delta R.T. -0.08 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	6.5	6.8	10.2#





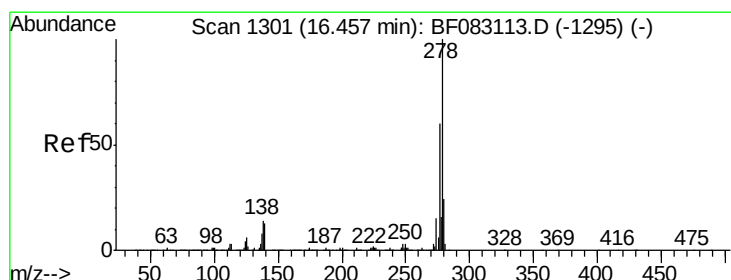
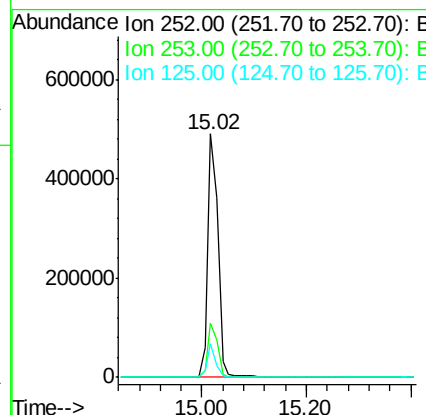
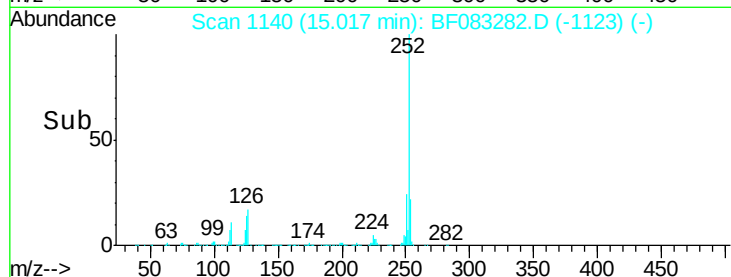
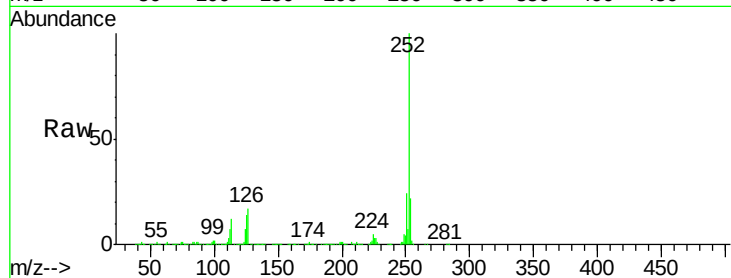
#89
Benzo(a)pyrene
Concen: 30.38 ng
RT: 15.02 min Scan# 1140
Delta R.T. -0.10 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	13.9	5.4	8.0

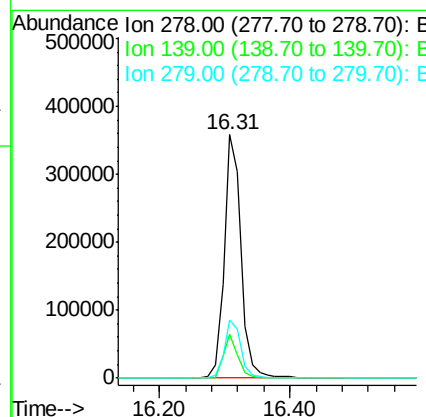
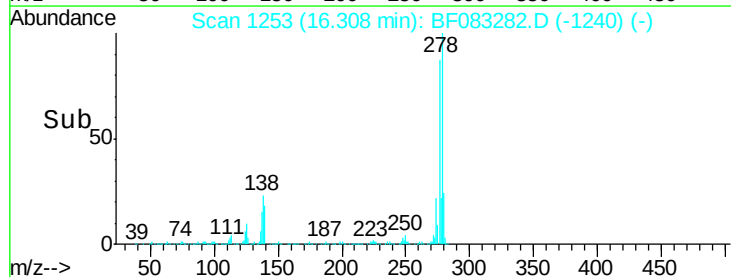
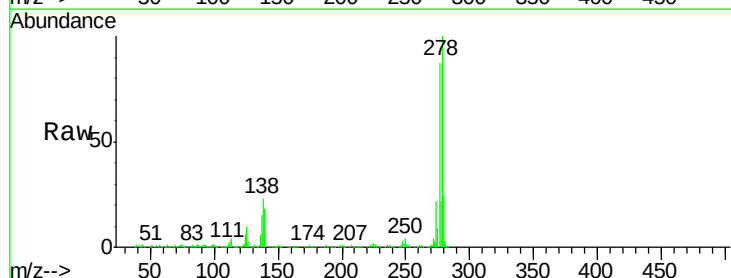
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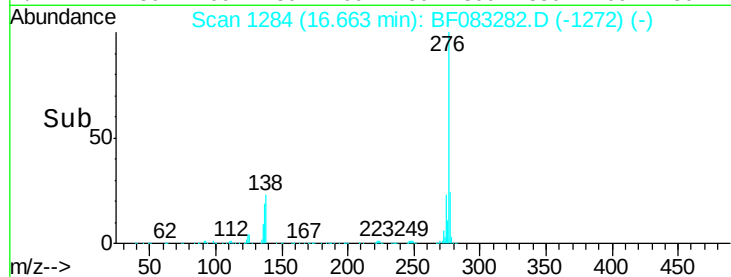
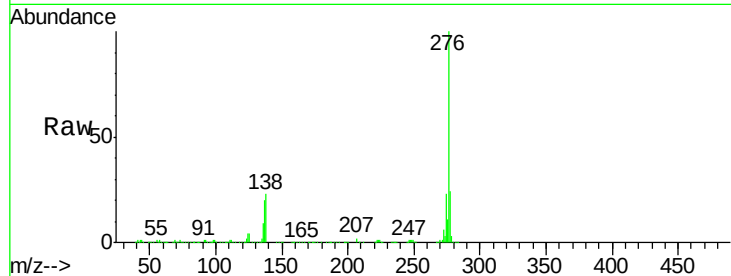
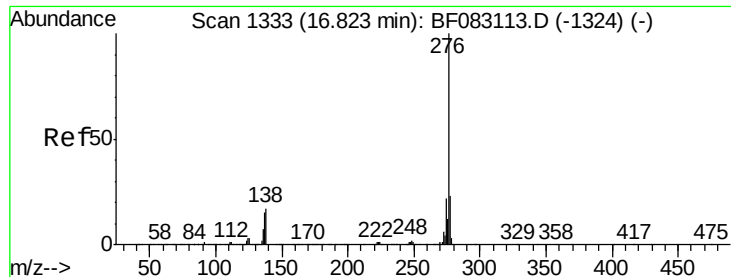
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#90
Dibenzo(a,h)anthracene
Concen: 32.42 ng
RT: 16.31 min Scan# 1253
Delta R.T. -0.15 min
Lab File: BF083282.D
Acq: 25 Nov 2015 19:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	10.7	16.1
279	23.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 32.01 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.16 min
 Lab File: BF083282.D
 Acq: 25 Nov 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.9	18.7	28.1
138	22.7	13.9	20.9

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