

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083235.D
 Acq On : 24 Nov 2015 14:22
 Operator : UM/IZ
 Sample : PB86743BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BS

Manual Integrations
 APPROVED

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 11/25/2015 12:54:27 PM

Quant Time: Nov 24 16:11:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 15:18:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	183698	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	707955	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	373728	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	700471	20.00	ng	0.00
75) Chrysene-d12	13.76	240	592027	20.00	ng	0.00
86) Perylene-d12	15.12	264	418851	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1241926	102.21	ng	0.02
7) Phenol-d6	6.28	99	1635827	104.05	ng	0.00
23) Nitrobenzene-d5	7.19	82	1084465	70.00	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	357539	93.51	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1584035	59.10	ng	-0.01
78) Terphenyl-d14	12.72	244	1696153	67.47	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	159227	26.46	ng	# 86
3) Pyridine	2.78	79	395563	24.88	ng	94
4) n-Nitrosodimethylamine	2.72	42	251584	34.31	ng	92
6) Aniline	6.27	93	456581	23.76	ng	94
8) 2-Chlorophenol	6.40	128	409810	31.22	ng	91
9) Benzaldehyde	6.15	77	291372	35.88	ng	92
10) Phenol	6.30	94	665012	34.97	ng	# 76
11) bis(2-Chloroethyl)ether	6.35	93	459851	33.86	ng	93
12) 1,3-Dichlorobenzene	6.55	146	447948	29.89	ng	96
13) 1,4-Dichlorobenzene	6.63	146	481295	31.74	ng	97
14) 1,2-Dichlorobenzene	6.79	146	422624	30.67	ng	96
15) Benzyl Alcohol	6.78	79	433845	33.02	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	809079	38.21	ng	95
17) 2-Methylphenol	6.90	107	363465	33.46	ng	95
18) Hexachloroethane	7.12	117	164552	30.81	ng	# 79
19) n-Nitroso-di-n-propylamine	7.04	70	341320	31.20	ng	98
20) 3+4-Methylphenols	7.06	107	496018	36.12	ng	98
22) Acetophenone	7.03	105	615704	30.29	ng	# 97
24) Nitrobenzene	7.20	77	496127	29.97	ng	98
25) Isophorone	7.45	82	933827	31.83	ng	98
26) 2-Nitrophenol	7.52	139	210731	28.83	ng	# 80
27) 2,4-Dimethylphenol	7.59	122	389895	33.43	ng	92
28) bis(2-Chloroethoxy)methane	7.67	93	570905	33.47	ng	99
29) 2,4-Dichlorophenol	7.78	162	356136	32.10	ng	92
30) 1,2,4-Trichlorobenzene	7.85	180	380772	31.25	ng	98
31) Naphthalene	7.92	128	1175704	30.77	ng	100
32) Benzoic acid	7.72	122	236144	26.05	ng	95
33) 4-Chloroaniline	7.99	127	228137	15.39	ng	# 90
34) Hexachlorobutadiene	8.06	225	213985	29.71	ng	98
35) Caprolactam	8.35	113	114967	32.34	ng	# 90
36) 4-Chloro-3-methylphenol	8.49	107	411929	32.06	ng	92
37) 2-Methylnaphthalene	8.62	142	806858	32.54	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	374045	30.88	ng	97
40) Hexachlorocyclopentadiene	8.78	237	392269	56.95	ng	100

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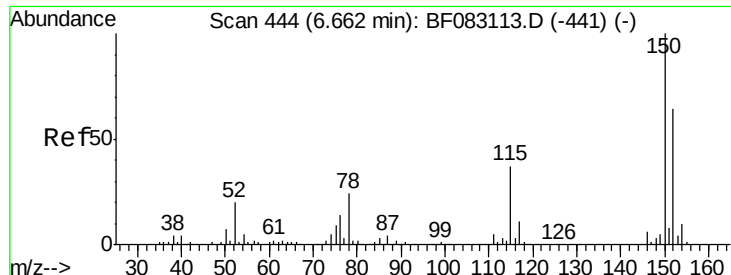
Manual Integrations
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Quant Time: Nov 24 16:11:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 15:18:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	247670	28.55	ng	98
43) 2,4,5-Trichlorophenol	8.95	196	274451	30.94	ng #	87
45) 1,1'-Biphenyl	9.08	154	996152	31.32	ng	99
46) 2-Chloronaphthalene	9.11	162	746869	29.89	ng	99
47) 2-Nitroaniline	9.21	65	309310	35.00	ng	88
48) Acenaphthylene	9.52	152	1216207	31.41	ng	98
49) Dimethylphthalate	9.39	163	871127	30.28	ng	99
50) 2,6-Dinitrotoluene	9.45	165	203438	31.51	ng	87
51) Acenaphthene	9.69	154	714727	30.33	ng	98
52) 3-Nitroaniline	9.62	138	129305	18.79	ng	84
53) 2,4-Dinitrophenol	9.72	184	205498	55.25	ng	87
54) Dibenzofuran	9.86	168	1105893	33.19	ng	98
55) 4-Nitrophenol	9.82	139	342033	64.80	ng #	81
56) 2,4-Dinitrotoluene	9.85	165	246614	30.15	ng	95
57) Fluorene	10.20	166	835030	30.33	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	228448	31.40	ng	97
59) Diethylphthalate	10.09	149	853215	29.79	ng	97
60) 4-Chlorophenyl-phenylether	10.19	204	379242	30.07	ng	98
61) 4-Nitroaniline	10.24	138	216234	31.91	ng	94
62) Azobenzene	10.35	77	1063967	32.55	ng	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	157609	32.66	ng	95
65) n-Nitrosodiphenylamine	10.32	169	740618	31.09	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	247793	31.88	ng	98
67) Hexachlorobenzene	10.74	284	256539	29.97	ng #	90
68) Atrazine	10.86	200	259051	37.45	ng	98
69) Pentachlorophenol	10.95	266	304150	54.55	ng	96
70) Phenanthrene	11.15	178	1271383	31.50	ng	99
71) Anthracene	11.20	178	1280408	31.10	ng	99
72) Carbazole	11.37	167	1208136	33.01	ng	98
73) Di-n-butylphthalate	11.71	149	1378004	30.85	ng	98
74) Fluoranthene	12.33	202	1272917	30.82	ng	96
76) Benzidine	12.47	184	540373	34.83	ng	99
77) Pyrene	12.56	202	1283156	31.72	ng	98
79) Butylbenzylphthalate	13.20	149	599549	31.32	ng	99
80) Benzo(a)anthracene	13.75	228	1175205	32.10	ng	100
81) 3,3'-Dichlorobenzidine	13.73	252	217457	17.06	ng	97
82) Chrysene	13.78	228	947682	27.91	ng	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	742718	29.71	ng #	94
84) Di-n-octyl phthalate	14.38	149	1120895	26.04	ng	96
85) Indeno(1,2,3-cd)pyrene	16.37	276	798364	25.85	ng	96
87) Benzo(b)fluoranthene	14.75	252	980420m	34.26	ng	
88) Benzo(k)fluoranthene	14.78	252	708004m	33.20	ng	
89) Benzo(a)pyrene	15.06	252	764273	32.35	ng #	95
90) Dibenzo(a,h)anthracene	16.38	278	684605	31.90	ng	98
91) Benzo(g,h,i)perylene	16.73	276	683408	32.62	ng #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF083235.D

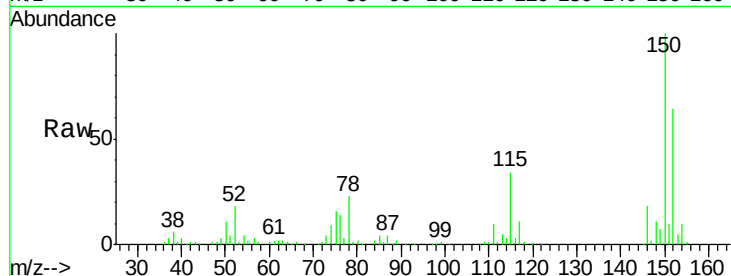
Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PB86743BS



Tgt Ion: 152 Resp: 183698

Ion Ratio Lower Upper

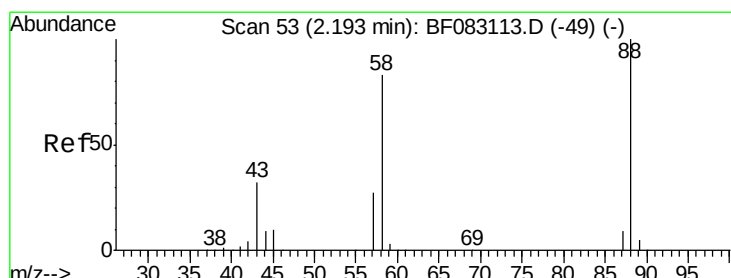
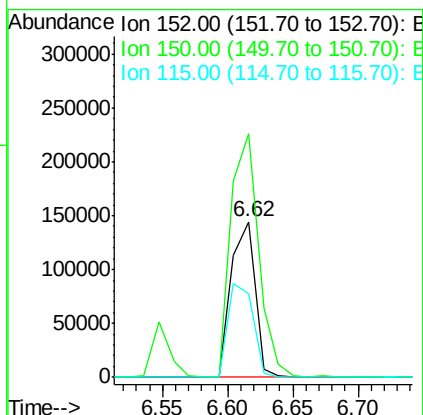
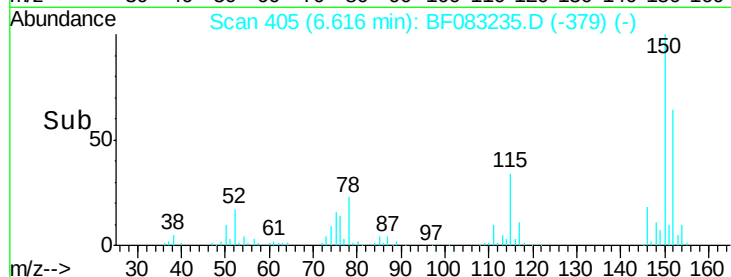
152 100

150 156.3 125.8 188.8

115 53.9 46.9 70.3

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#2

1,4-Dioxane

Concen: 26.46 ng

RT: 2.14 min Scan# 13

Delta R.T. 0.09 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

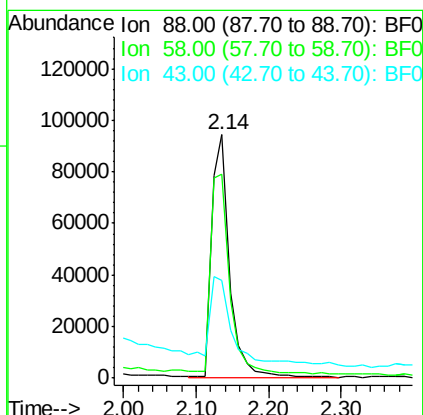
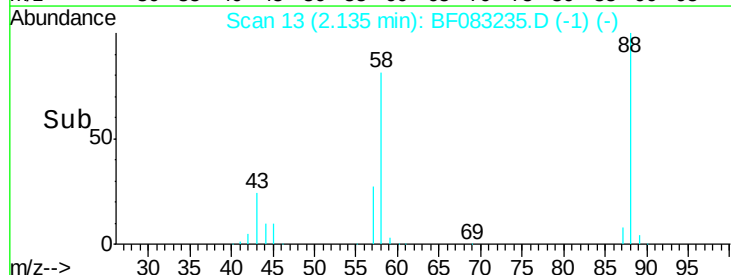
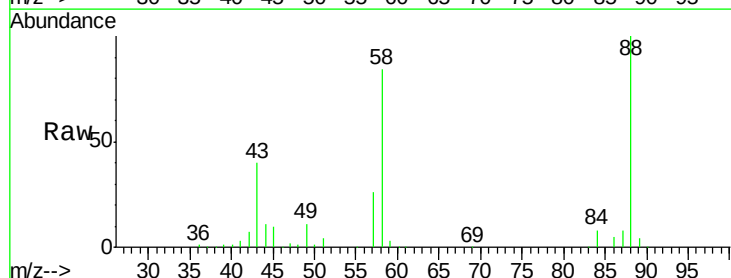
Tgt Ion: 88 Resp: 159227

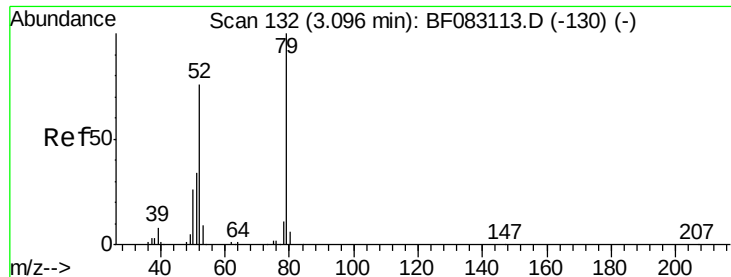
Ion Ratio Lower Upper

88 100

58 88.2 65.0 97.6

43 47.0 24.7 37.1#





#3

Pyridine

Concen: 24.88 ng

RT: 2.78 min Scan# 69

Delta R.T. 0.09 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

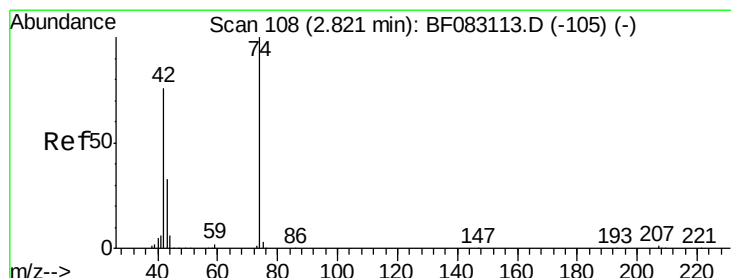
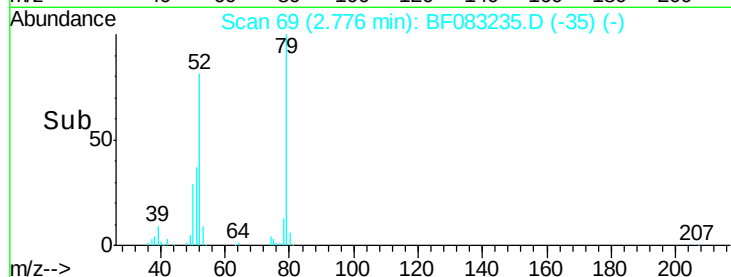
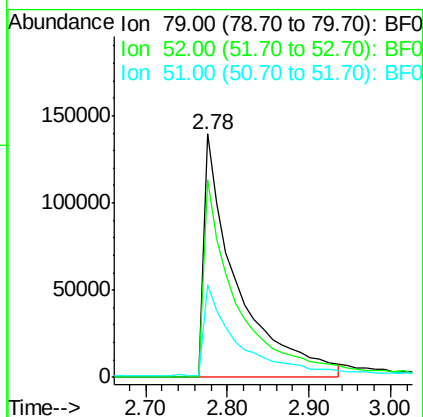
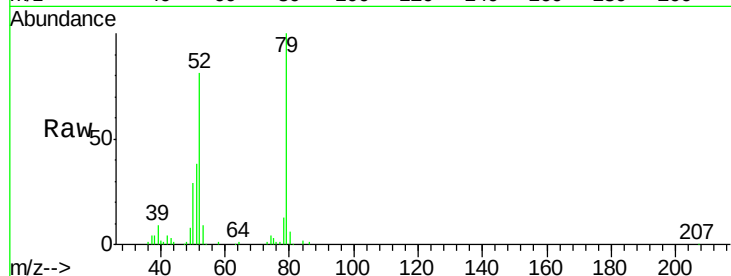
ClientSampleId :

PB86743BS

Tgt Ion:	79	Resp:	395563
Ion Ratio	Lower	Upper	
79	100		
52	80.9	60.7	91.1
51	38.1	27.9	41.9

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#4

n-Nitrosodimethylamine

Concen: 34.31 ng

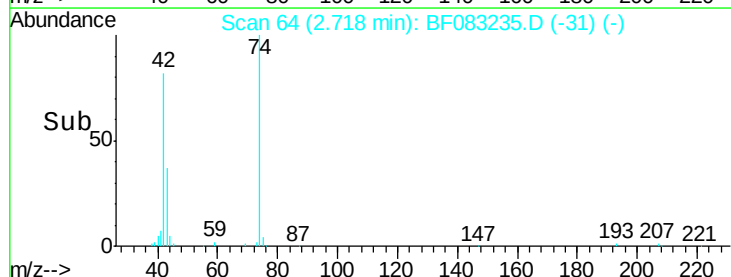
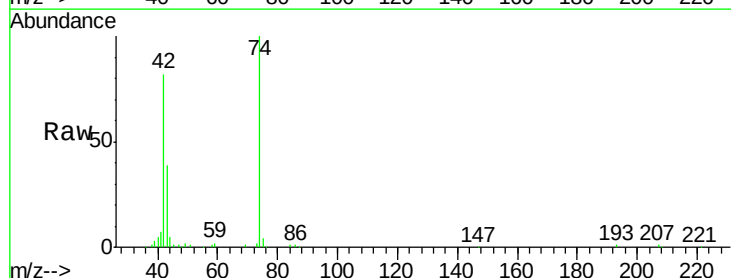
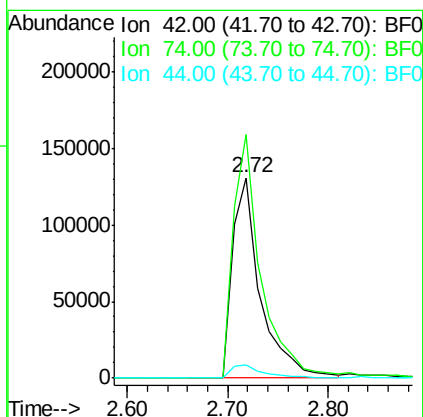
RT: 2.72 min Scan# 64

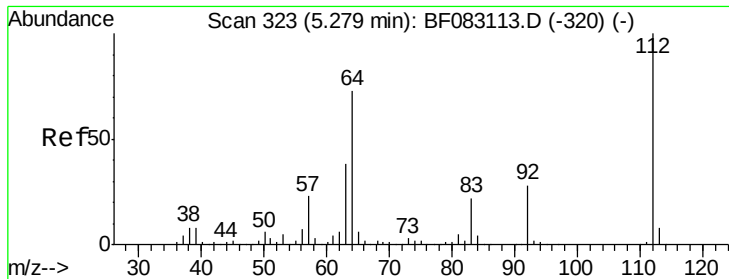
Delta R.T. 0.08 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion:	42	Resp:	251584
Ion Ratio	Lower	Upper	
42	100		
74	121.6	104.8	157.2
44	6.7	6.2	9.4





#5

2-Fluorophenol

Concen: 102.21 ng

RT: 5.22 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF083235.D

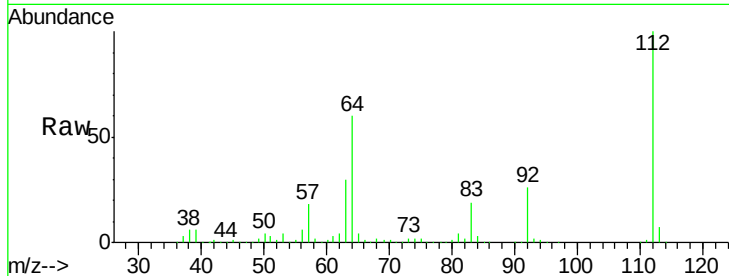
Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PB86743BS



Tgt Ion: 112 Resp: 1241926

Ion Ratio Lower Upper

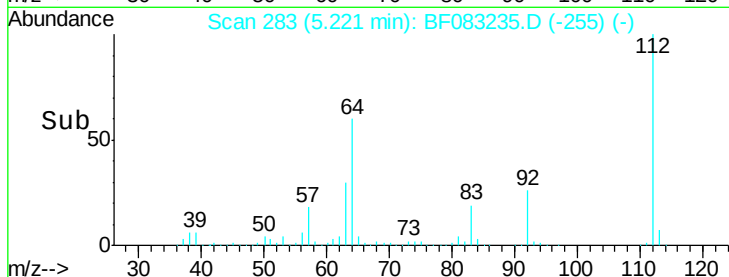
112 100

64 59.9 58.4 87.6

63 29.7 30.0 45.0#

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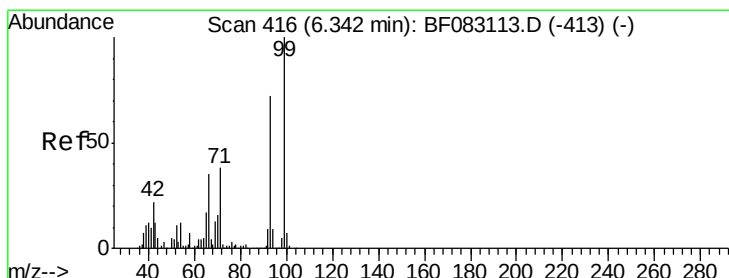
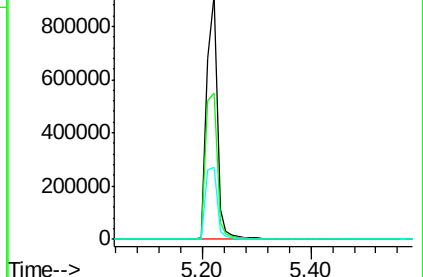
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.76 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

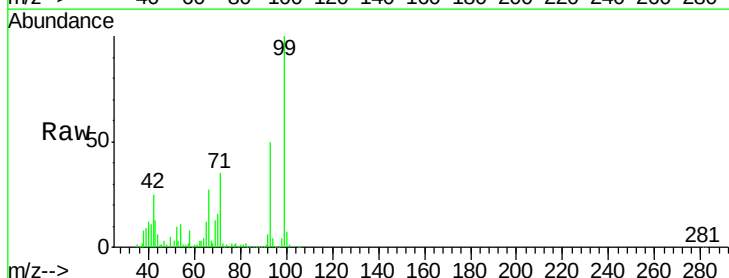
Tgt Ion: 93 Resp: 456581

Ion Ratio Lower Upper

93 100

66 53.2 38.7 58.1

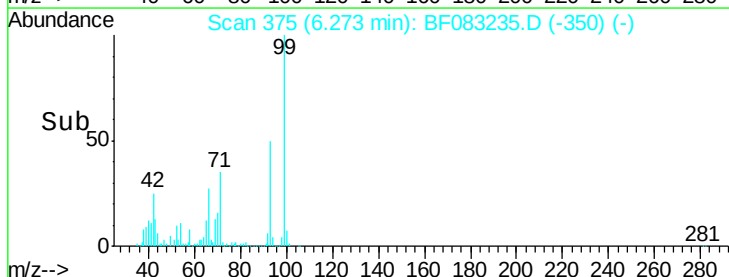
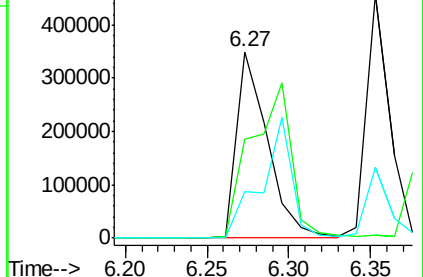
65 24.7 18.6 27.8

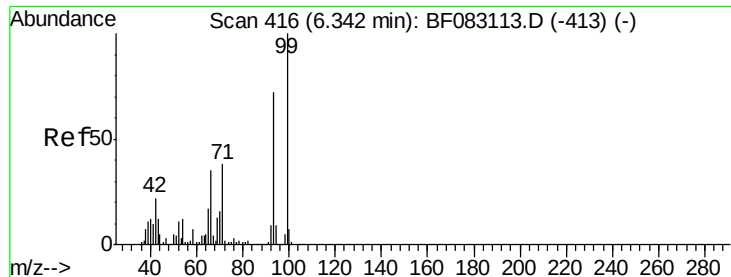


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.05 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1635827

Ion Ratio Lower Upper

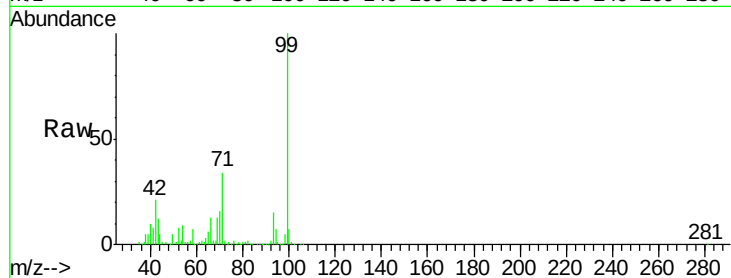
99 100

42 21.3 17.7 26.5

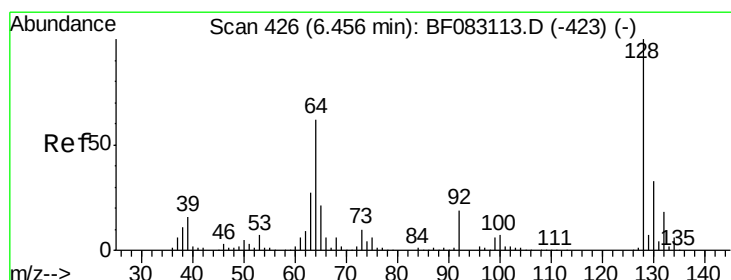
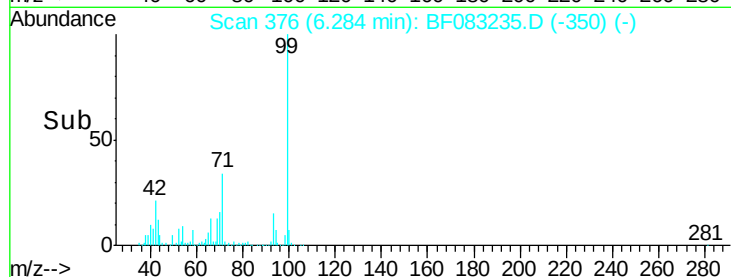
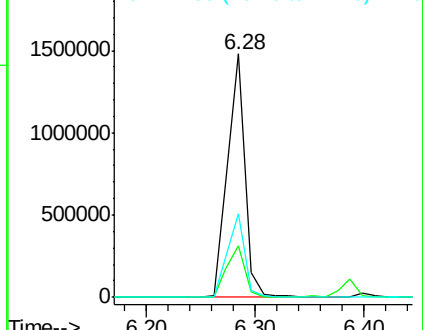
71 34.2 30.2 45.4

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



#8

2-Chlorophenol

Concen: 31.22 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

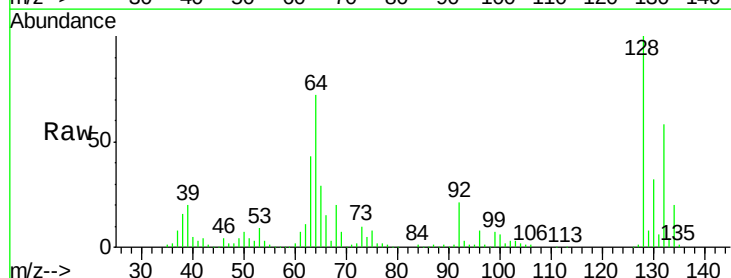
Tgt Ion: 128 Resp: 409810

Ion Ratio Lower Upper

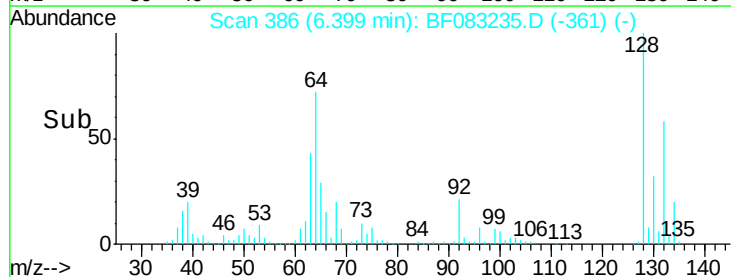
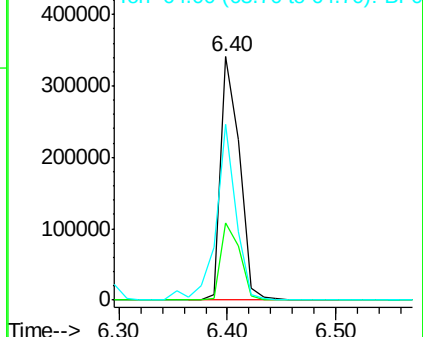
128 100

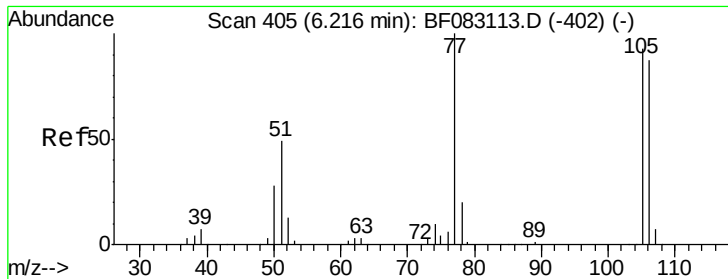
130 31.8 12.6 52.6

64 72.0 41.9 81.9



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





#9

Benzaldehyde

Concen: 35.88 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

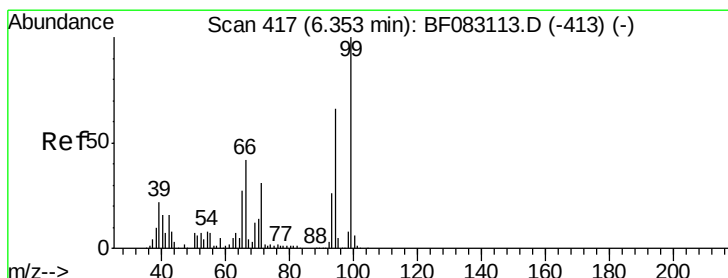
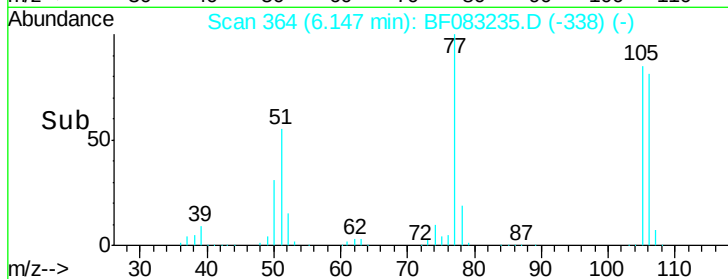
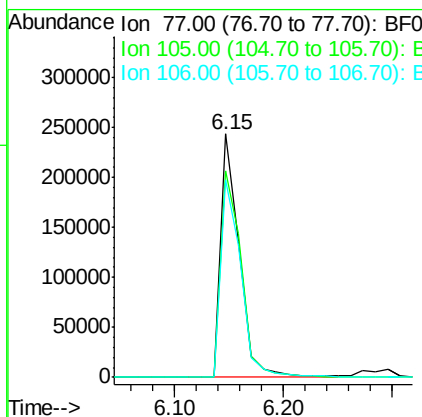
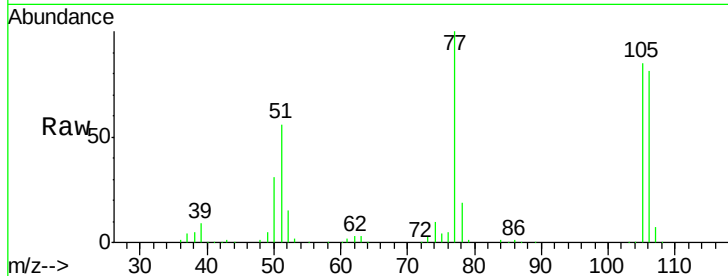
ClientSampleId :

PB86743BS

Tgt Ion:	77	Resp:	291372
Ion	Ratio	Lower	Upper
77	100		
105	84.8	73.4	113.4
106	80.9	67.5	107.5

Manual Integrations
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#10

Phenol

Concen: 34.97 ng

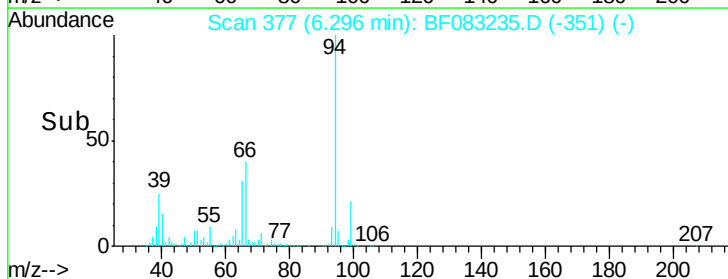
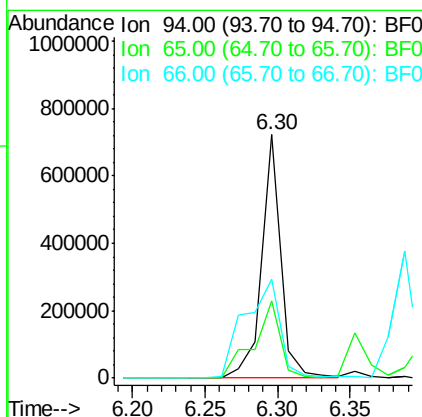
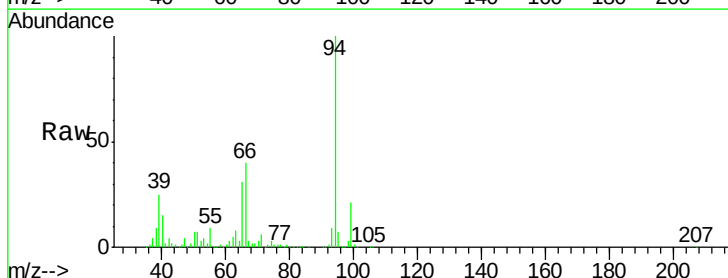
RT: 6.30 min Scan# 377

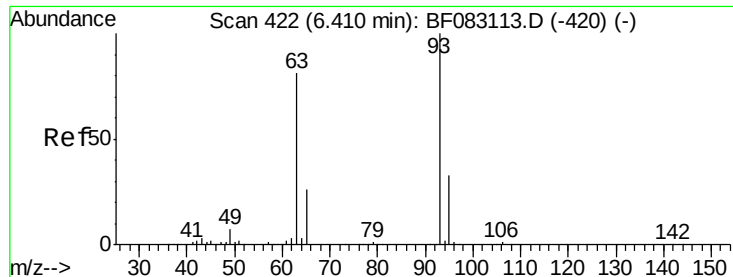
Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion:	94	Resp:	665012
Ion	Ratio	Lower	Upper
94	100		
65	31.5	21.1	61.1
66	40.5	43.1	83.1#





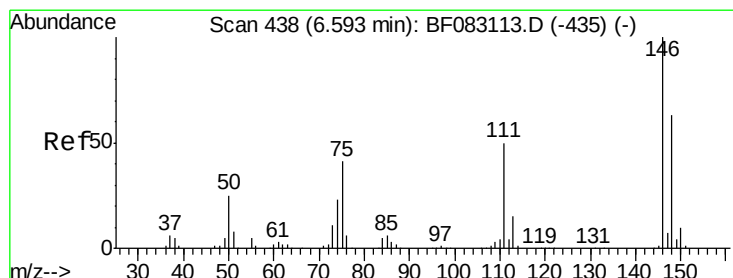
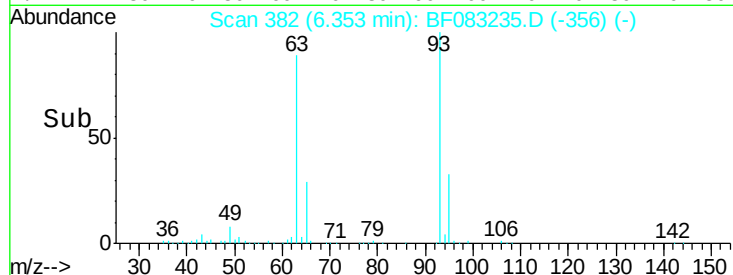
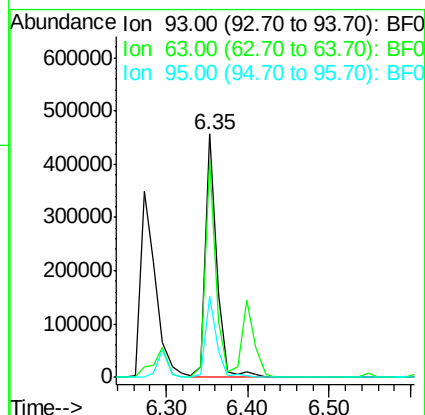
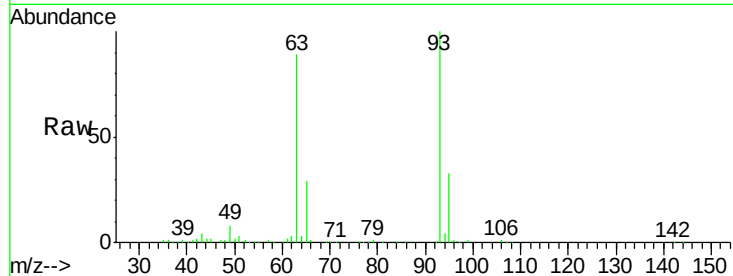
#11
bis(2-Chloroethyl)ether
Concen: 33.86 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB86743BS

Tgt Ion:	93	Resp:	459851
Ion Ratio	Lower	Upper	
93	100		
63	89.0	59.8	99.8
95	33.1	13.0	53.0

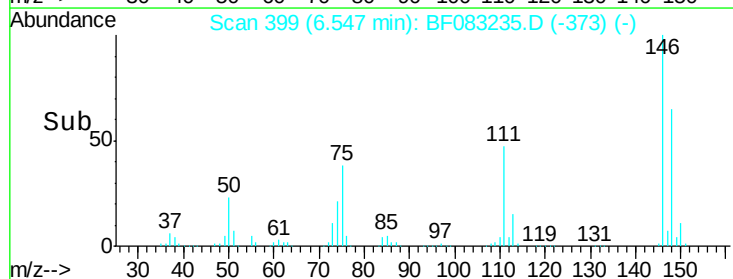
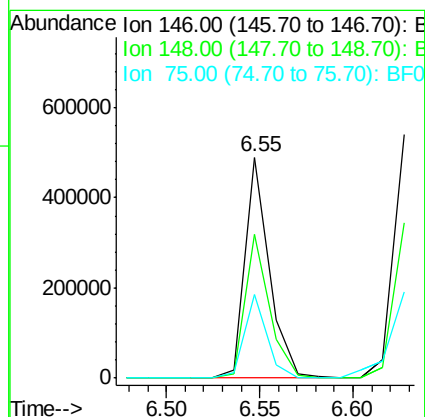
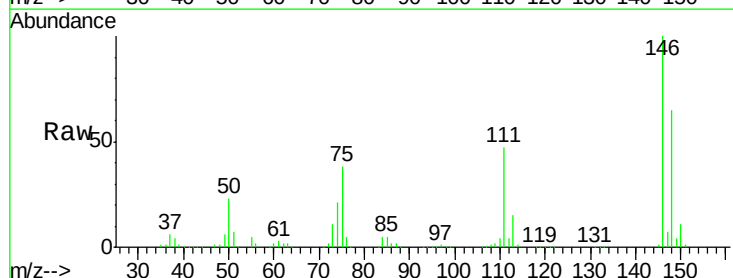
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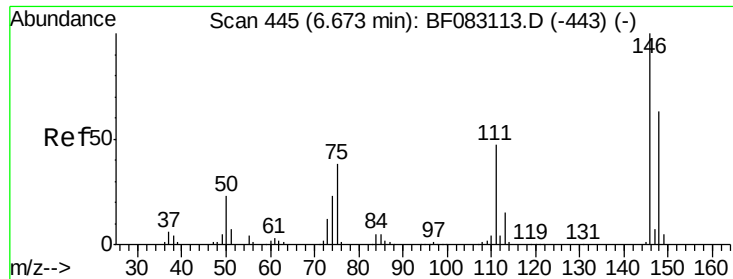
Mmdadoda
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#12
1,3-Dichlorobenzene
Concen: 29.89 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion:	146	Resp:	447948
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.2	75.2
75	37.9	32.7	49.1





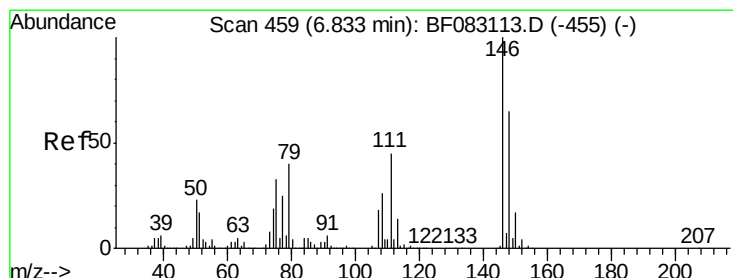
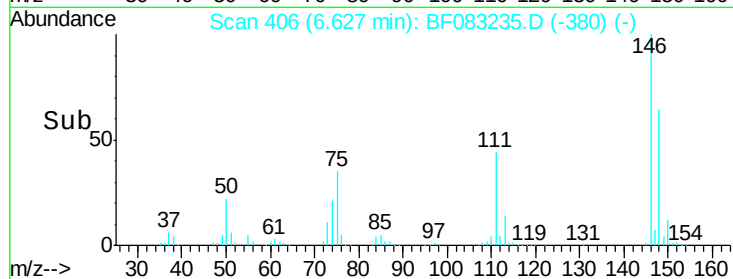
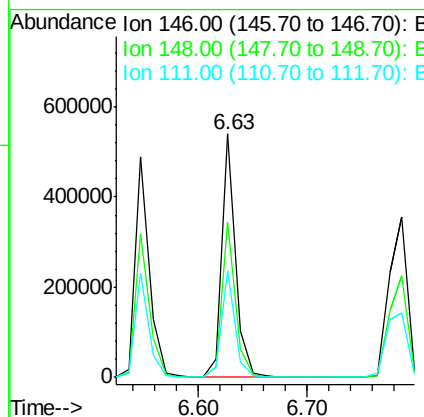
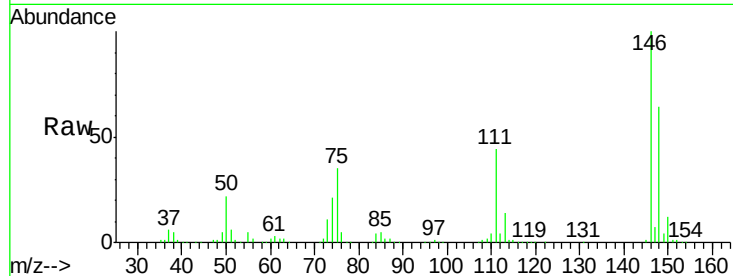
#13
 1,4-Dichlorobenzene
 Concen: 31.74 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	481295		
148	63.9	50.2	75.2	
111	43.9	37.5	56.3	

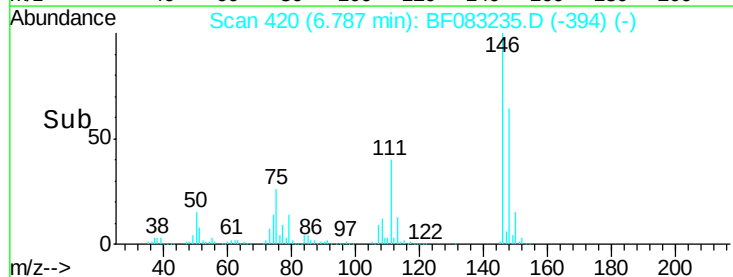
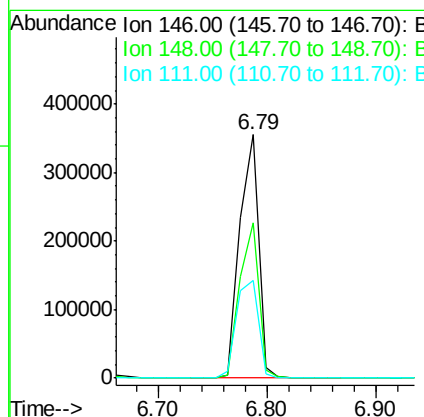
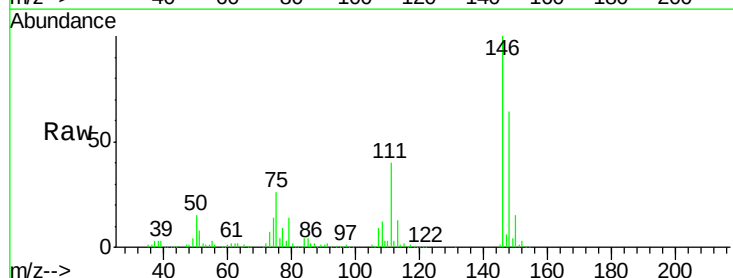
Manual Integrations
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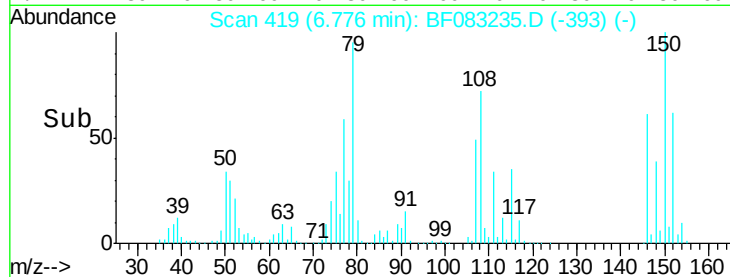
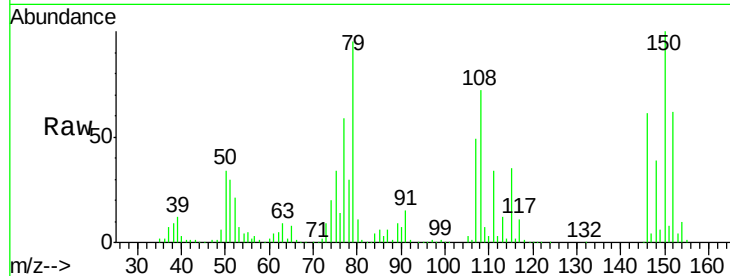
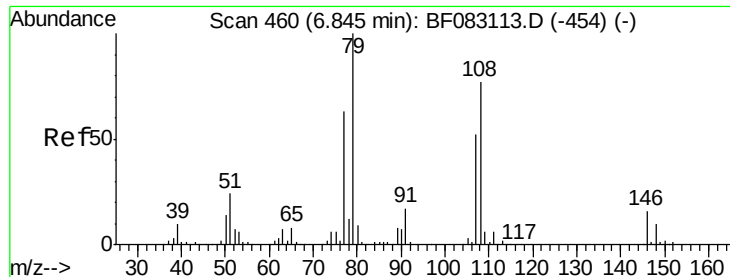
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#14
 1,2-Dichlorobenzene
 Concen: 30.67 ng
 RT: 6.79 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	422624		
148	63.6	51.8	77.6	
111	40.3	36.2	54.4	





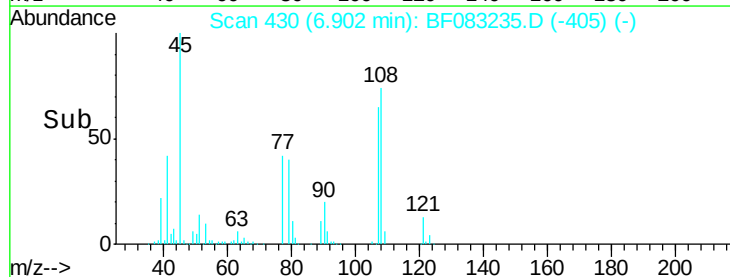
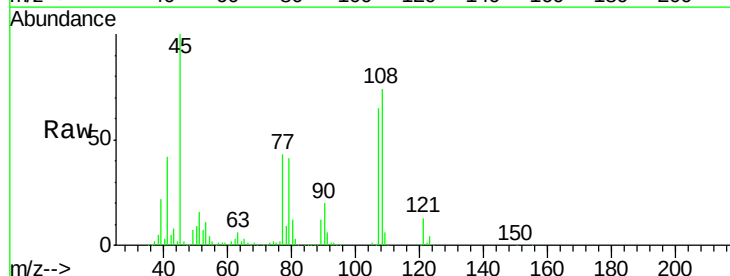
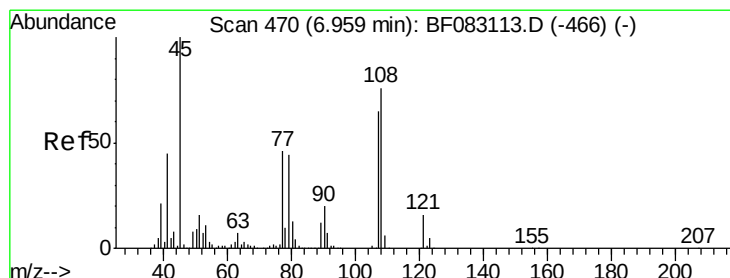
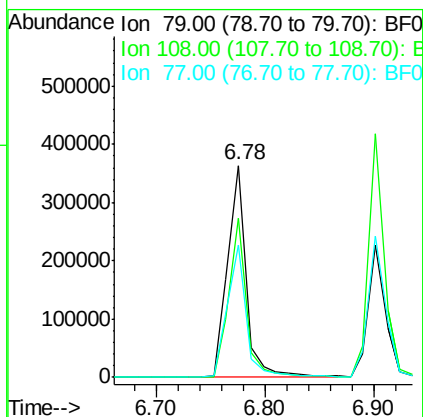
#15
Benzyl Alcohol
Concen: 33.02 ng
RT: 6.78 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	433845		
108	75.3	61.4	92.2	
77	62.3	50.5	75.7	

Instrument :
BNA_F
ClientSampleId :
PB86743BS

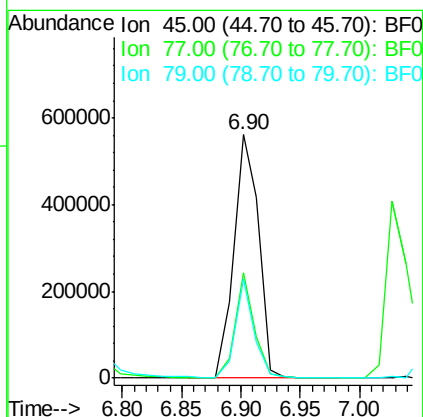
Manual Integrations
APPROVED

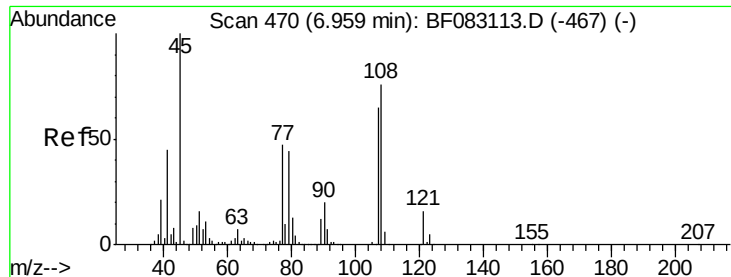
Mmdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.21 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	809079		
77	43.3	26.7	66.7	
79	40.5	24.3	64.3	





#17

2-Methylphenol

Concen: 33.46 ng

RT: 6.90 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

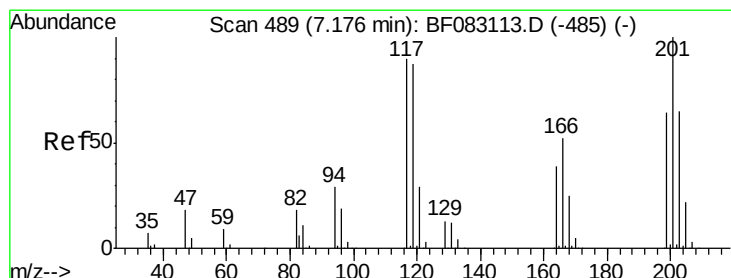
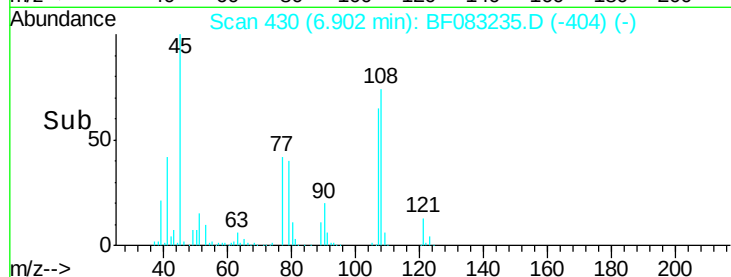
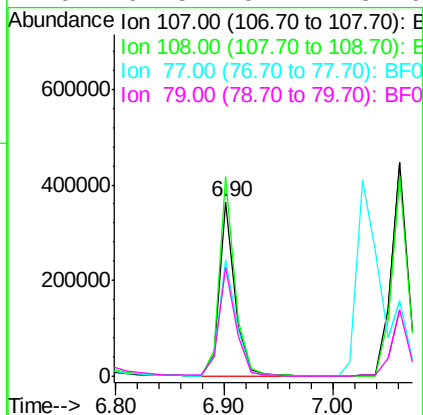
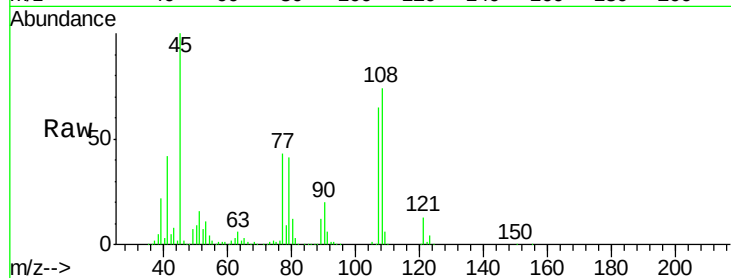
ClientSampleId :

PB86743BS

Tgt Ion:	107	Resp:	363465
Ion Ratio	Lower	Upper	
107	100		
108	114.7	93.8	140.6
77	66.7	57.4	86.0
79	62.5	54.4	81.6

Manual Integrations
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#18

Hexachloroethane

Concen: 30.81 ng

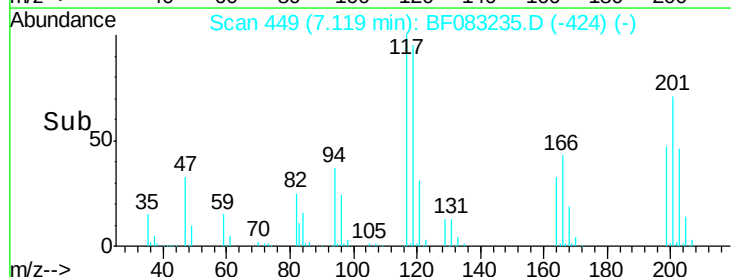
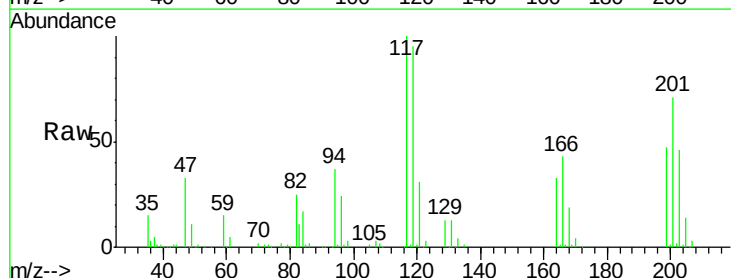
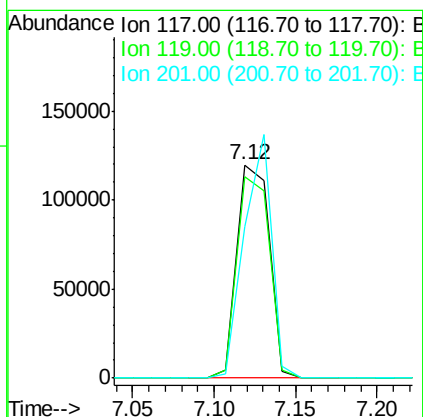
RT: 7.12 min Scan# 449

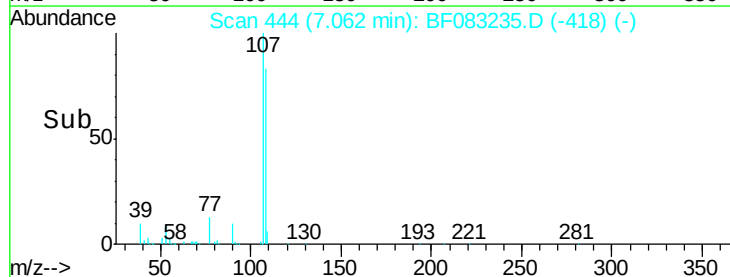
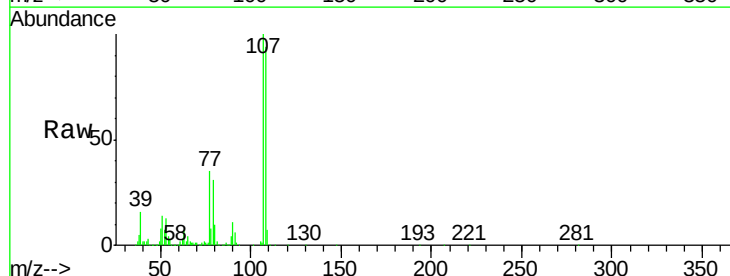
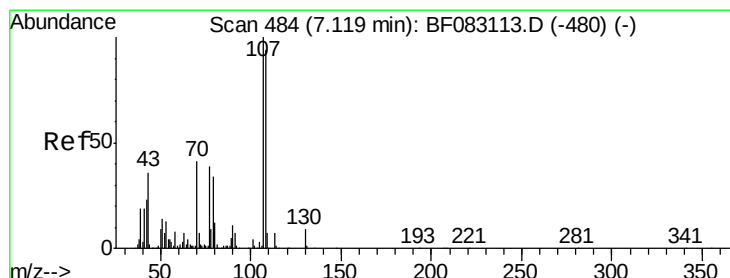
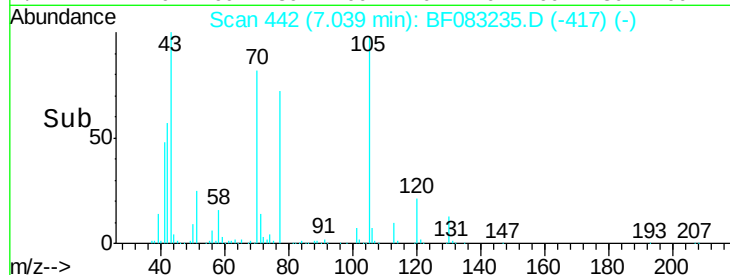
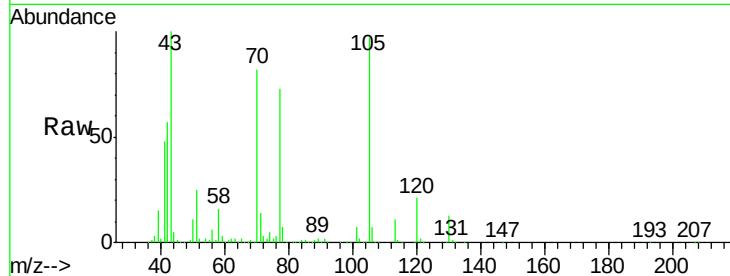
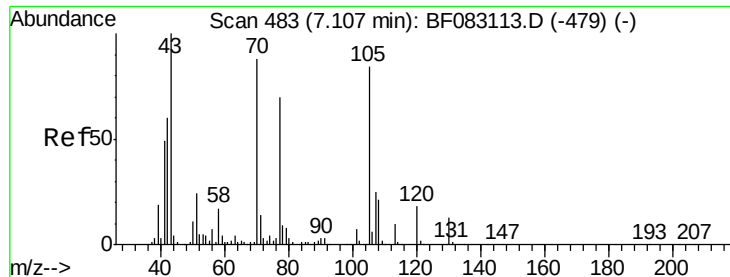
Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion:	117	Resp:	164552
Ion Ratio	Lower	Upper	
117	100		
119	94.7	76.8	115.2
201	71.1	88.6	133.0#

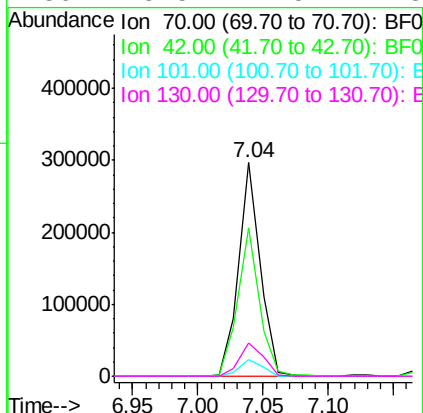




#19
n-Nitroso-di-n-propylamine
Concen: 31.20 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB86743BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.8	54.5	81.7	
101	8.0	6.6	9.8	
130	15.5	11.5	17.3	

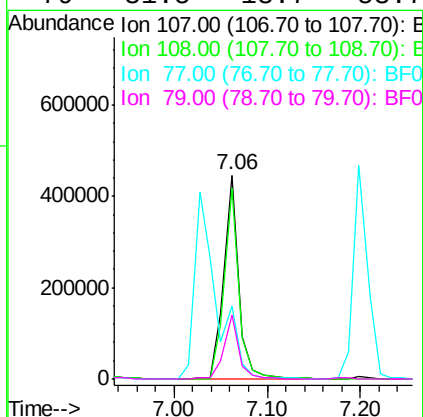


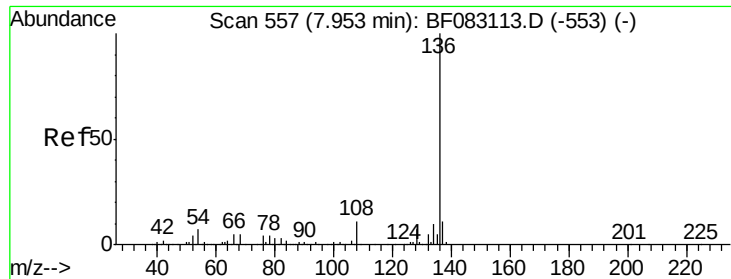
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#20
3+4-Methylphenols
Concen: 36.12 ng
RT: 7.06 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.6	73.8	113.8	
77	35.5	19.1	59.1	
79	31.5	13.7	53.7	





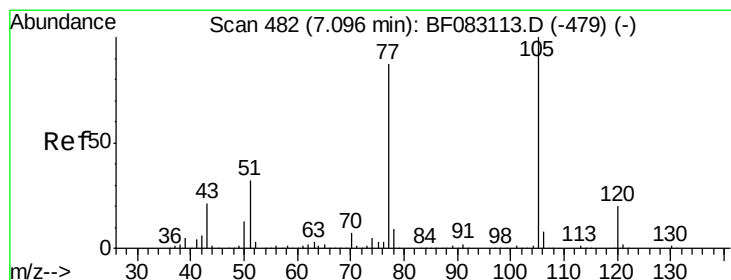
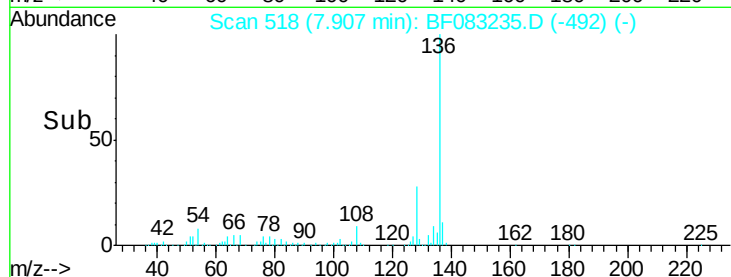
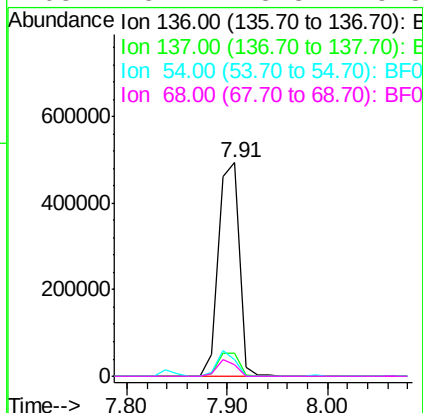
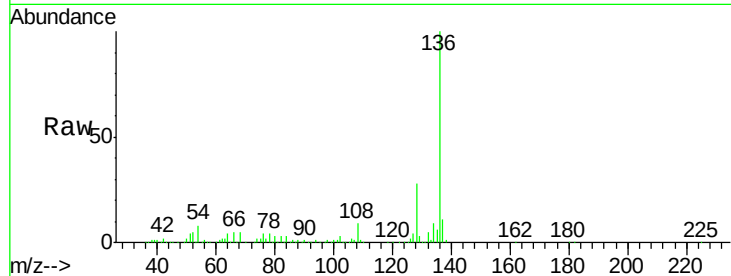
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB86743BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	707955		
137	10.7		8.7	13.1
54	7.6		5.8	8.6
68	5.4		3.8	5.8

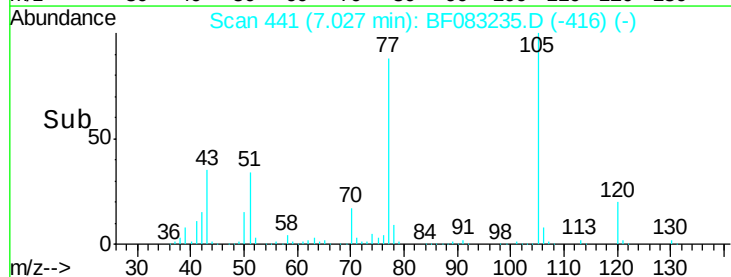
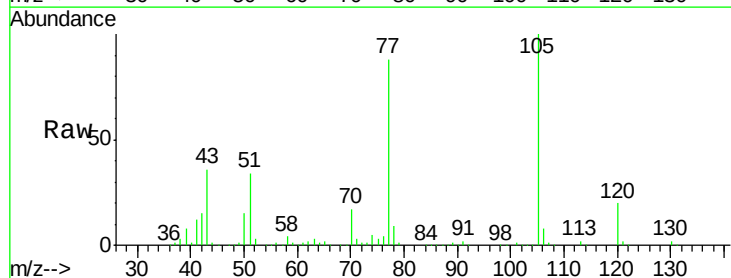
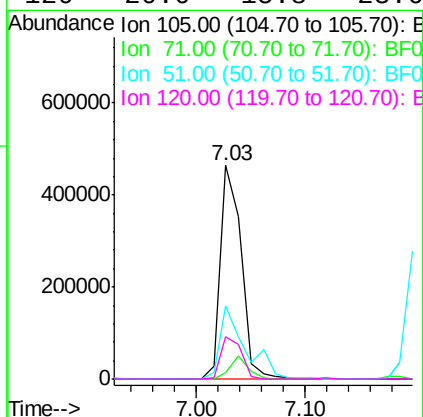
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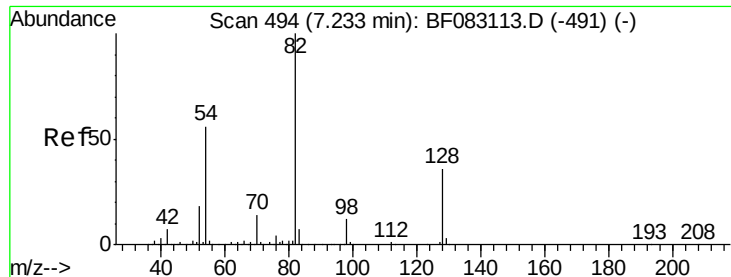
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#22
Acetophenone
Concen: 30.29 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	615704		
71	3.0		1.0	1.4#
51	34.4		25.6	38.4
120	20.0		15.8	23.6





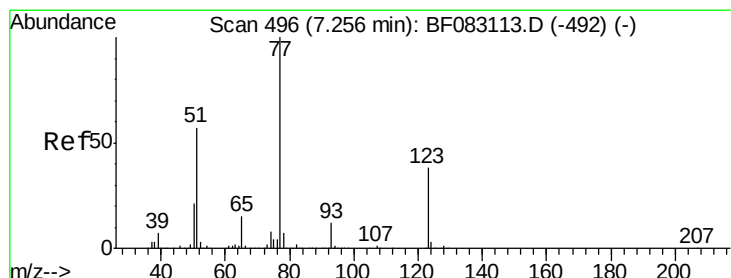
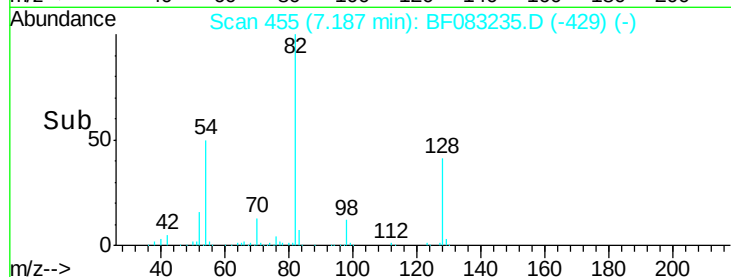
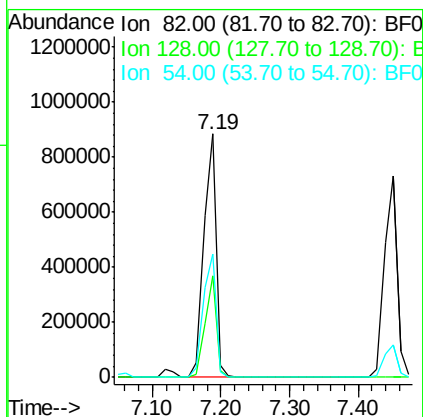
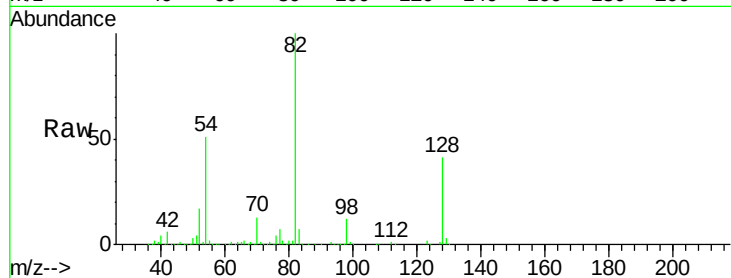
#23
Nitrobenzene-d5
Concen: 70.00 ng
RT: 7.19 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB86743BS

Tgt Ion: 82 Resp: 1084465
Ion Ratio Lower Upper
82 100
128 41.5 28.5 42.7
54 50.9 44.6 67.0

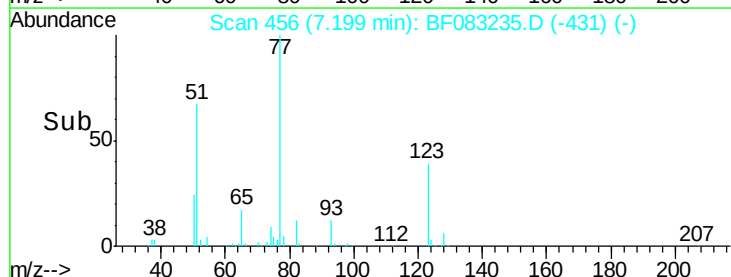
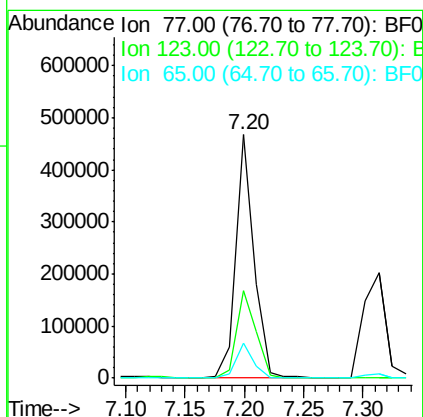
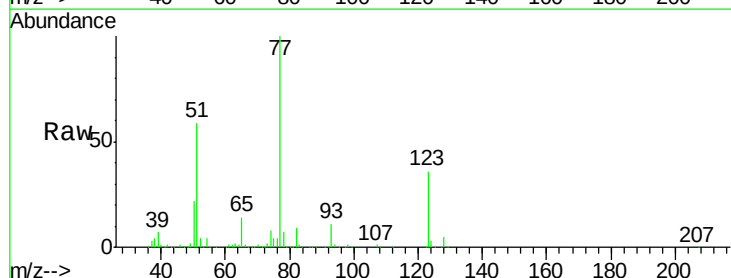
Manual Integrations
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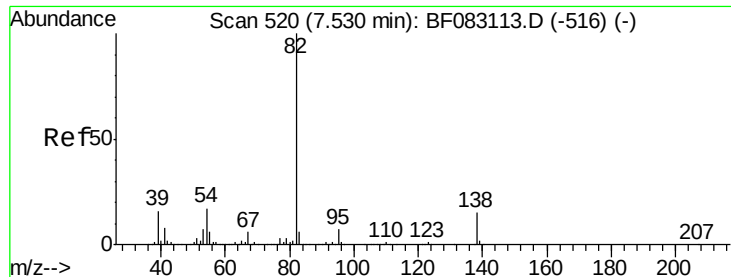
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#24
Nitrobenzene
Concen: 29.97 ng
RT: 7.20 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion: 77 Resp: 496127
Ion Ratio Lower Upper
77 100
123 36.1 30.1 45.1
65 14.4 11.6 17.4





#25

Isophorone

Concen: 31.83 ng

RT: 7.45 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF083235.D

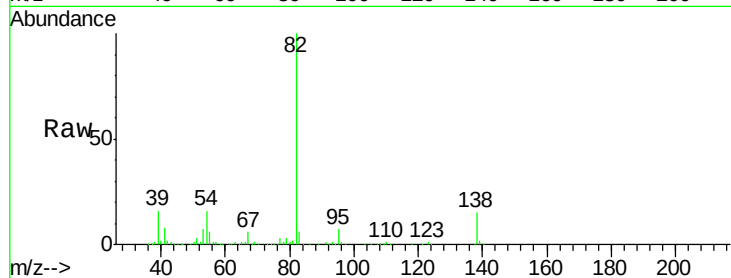
Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

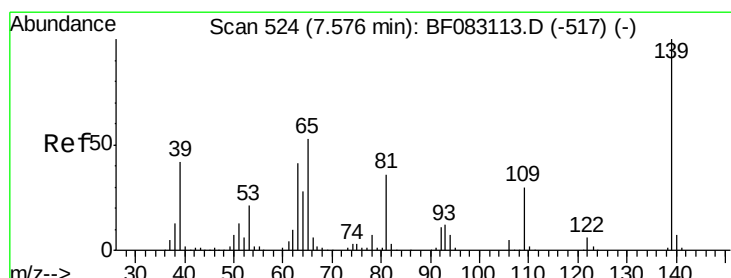
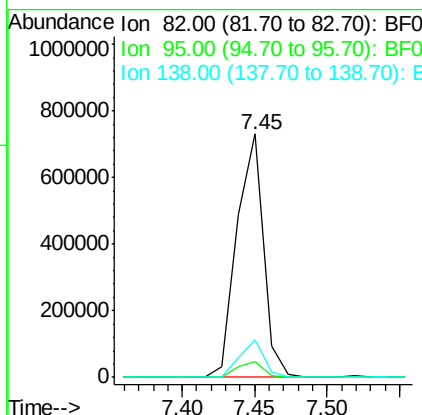
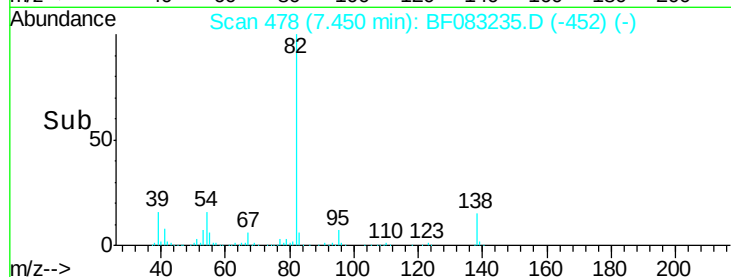
PB86743BS



Tgt Ion:	82	Resp:	933827
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.8	8.8
138	15.5	11.6	17.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 28.83 ng

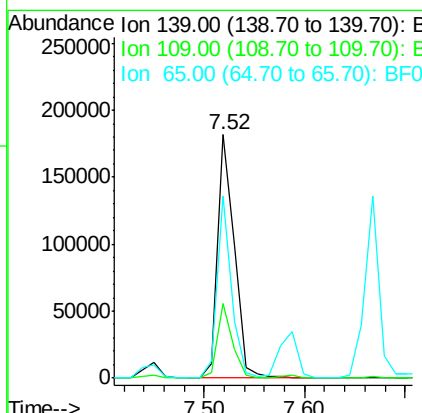
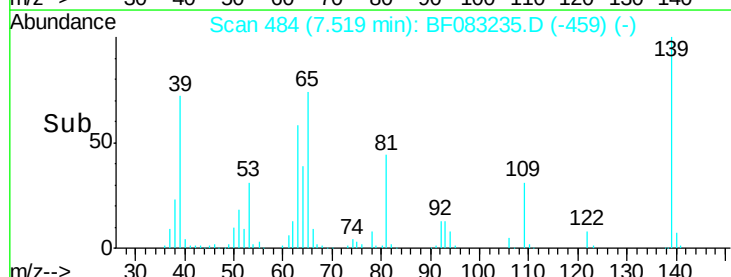
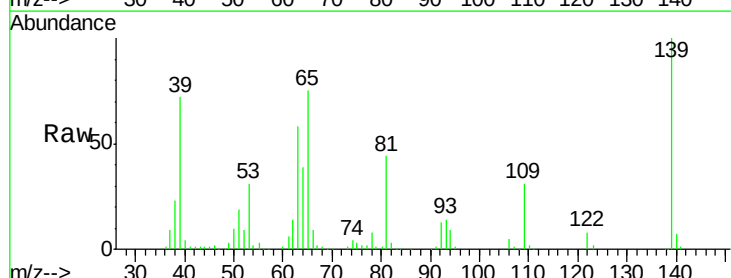
RT: 7.52 min Scan# 484

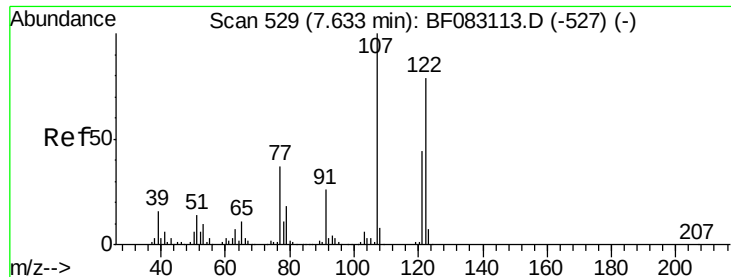
Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion:	139	Resp:	210731
Ion Ratio	Lower	Upper	
139	100		
109	30.5	23.9	35.9
65	74.6	42.7	64.1#





#27

2,4-Dimethylphenol

Concen: 33.43 ng

RT: 7.59 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF083235.D

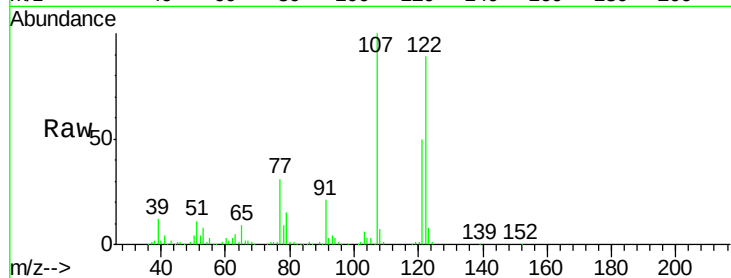
Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

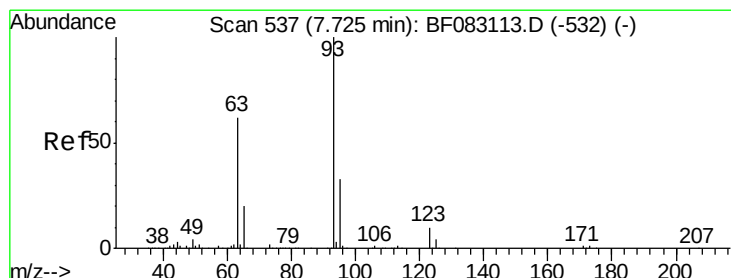
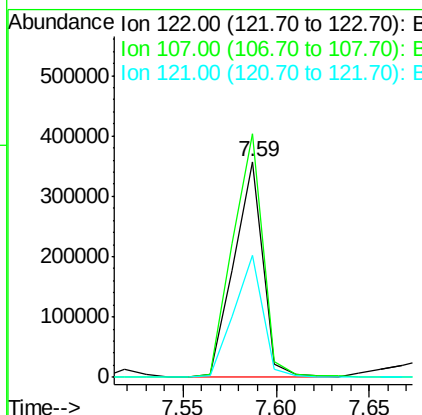
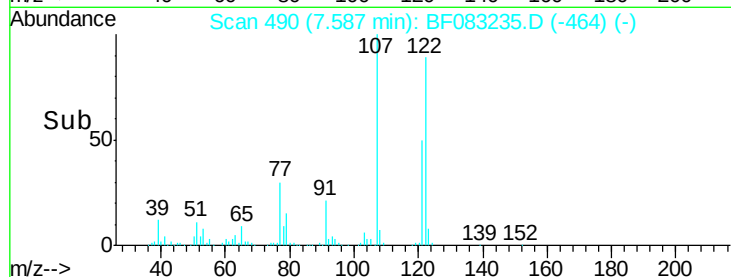
PB86743BS



Tgt Ion:	122	Resp:	389895
Ion Ratio	Lower	Upper	
122	100		
107	112.9	101.1	151.7
121	56.6	44.9	67.3

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 33.47 ng

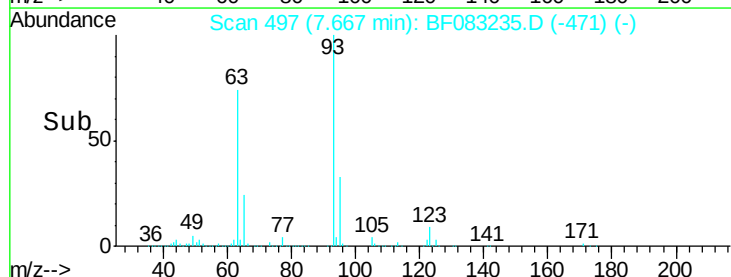
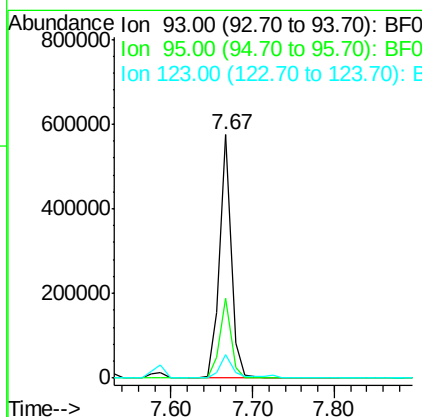
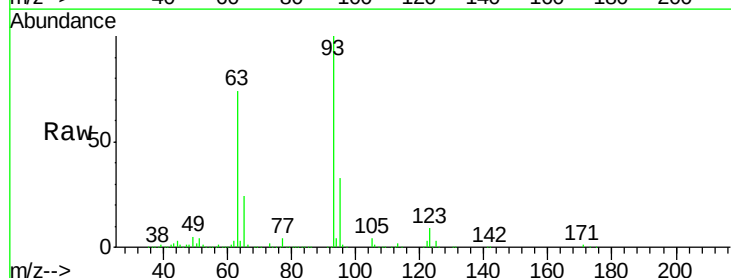
RT: 7.67 min Scan# 497

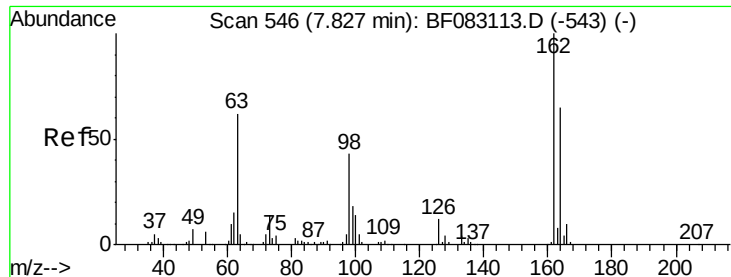
Delta R.T. -0.00 min

Lab File: BF083235.D

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Tgt Ion:	93	Resp:	570905
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	9.4	8.1	12.1





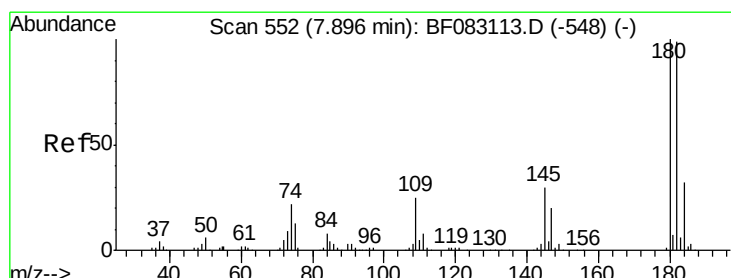
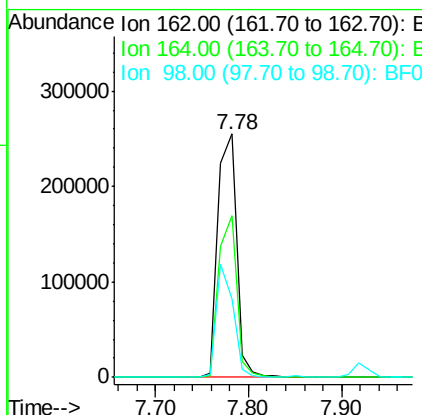
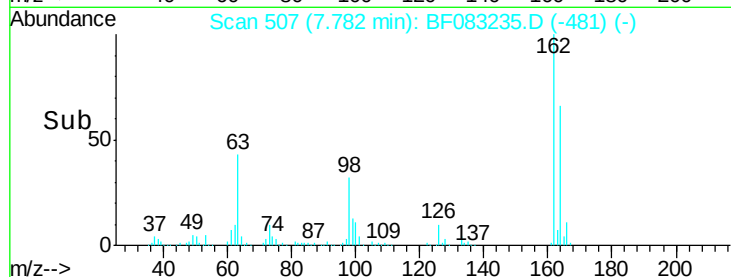
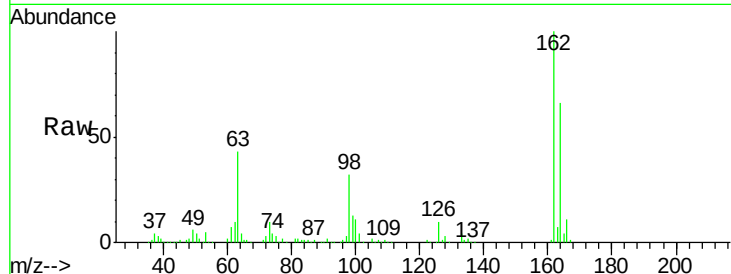
#29
2,4-Dichlorophenol
Concen: 32.10 ng
RT: 7.78 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB86743BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.2	44.8	84.8
98	32.2	23.1	63.1

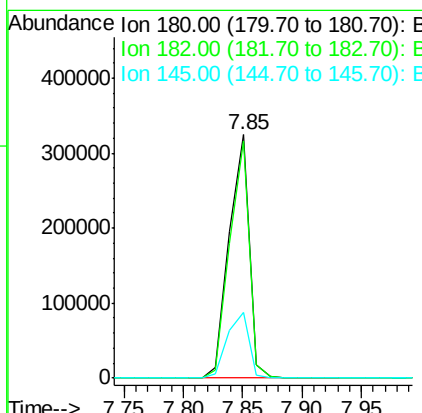
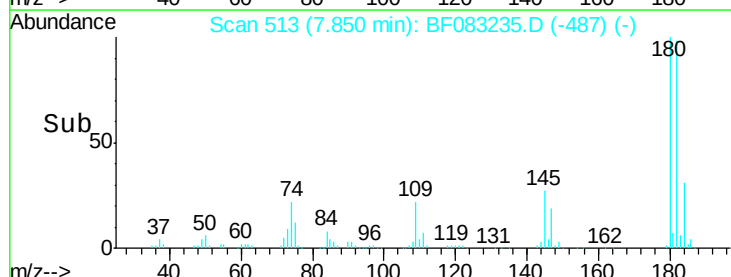
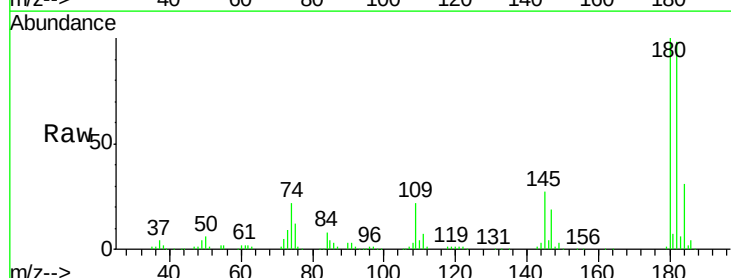
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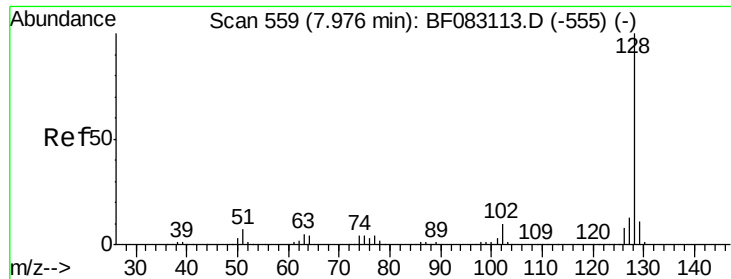
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#30
1,2,4-Trichlorobenzene
Concen: 31.25 ng
RT: 7.85 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.6	79.0	118.6
145	27.0	24.2	36.2





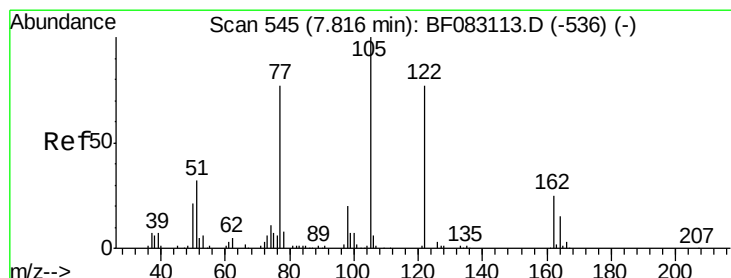
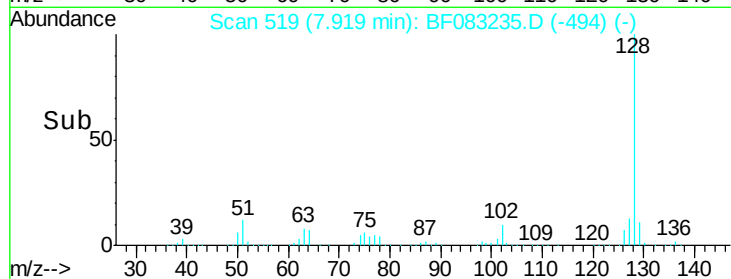
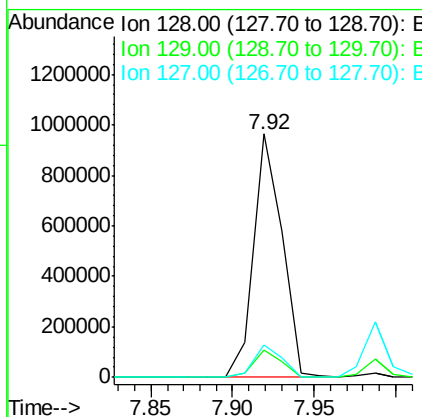
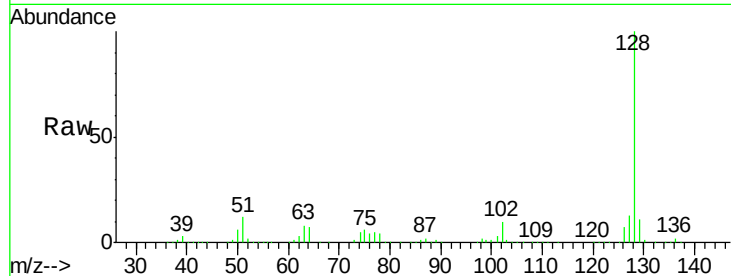
#31
Naphthalene
Concen: 30.77 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB86743BS

Tgt Ion:128 Resp: 1175704
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.3 10.6 15.8

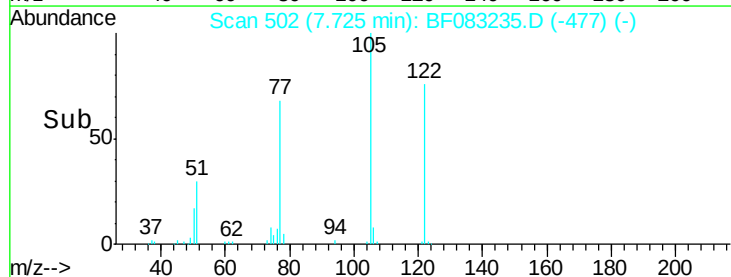
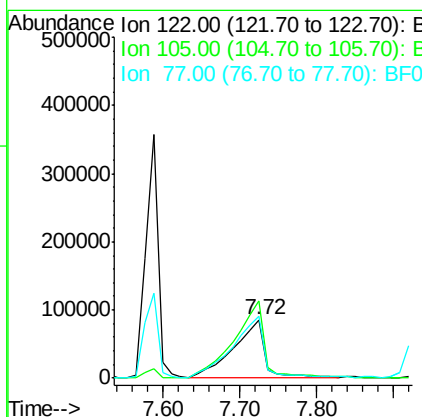
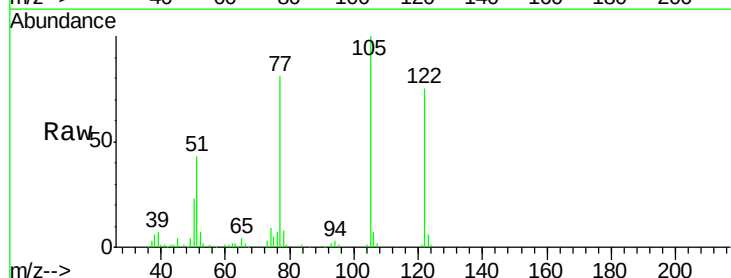
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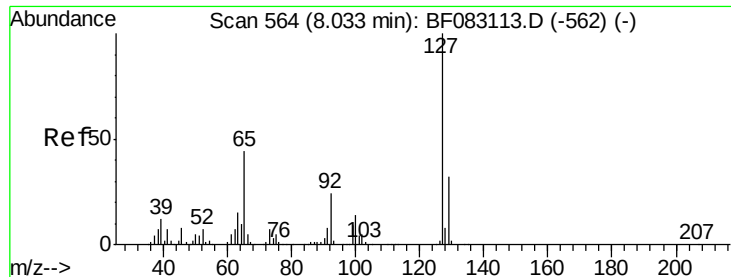
Mmdadoda
11/25/2015 12:54:27 PM



#32
Benzoic acid
Concen: 26.05 ng
RT: 7.72 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion:122 Resp: 236144
Ion Ratio Lower Upper
122 100
105 132.6 109.7 149.7
77 107.4 79.7 119.7





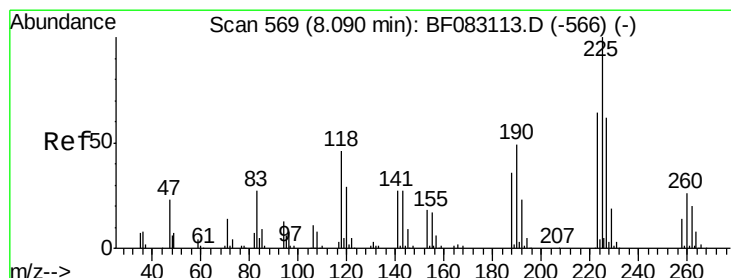
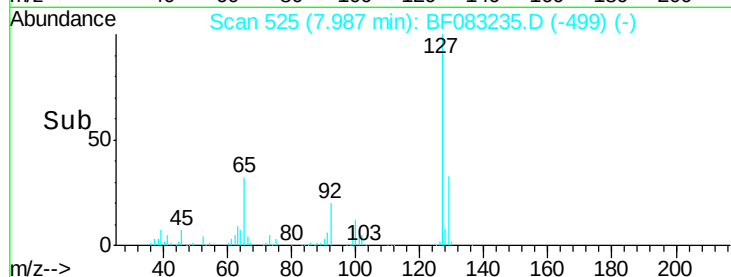
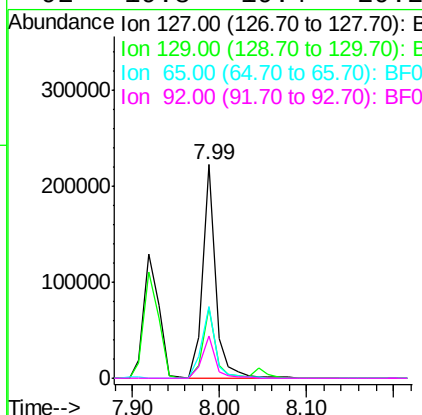
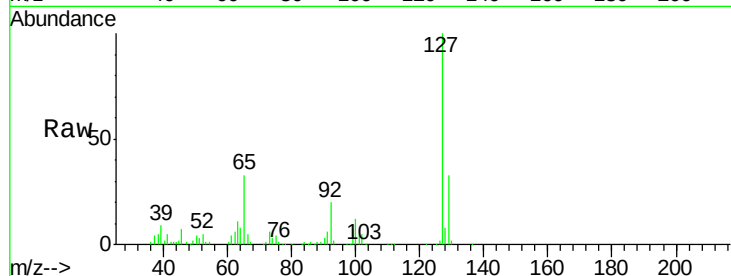
#33
4-Chloroaniline
Concen: 15.39 ng
RT: 7.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB86743BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	228137		
129	32.7	25.7	38.5	
65	33.5	35.5	53.3	
92	19.8	19.4	29.2	

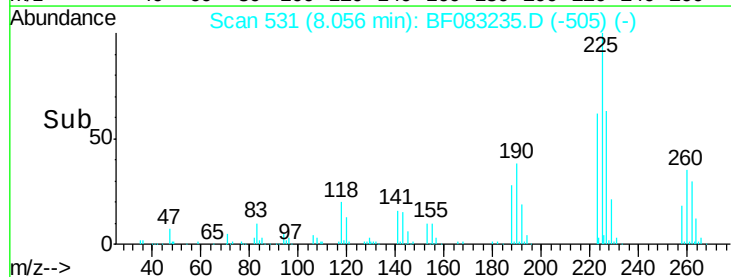
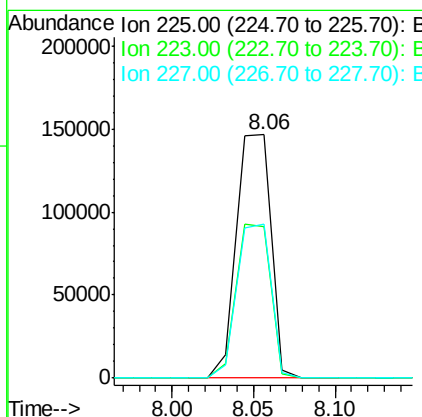
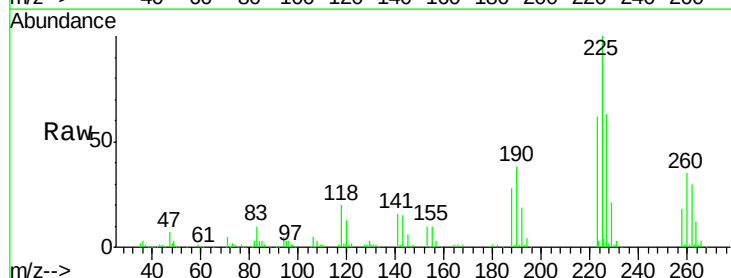
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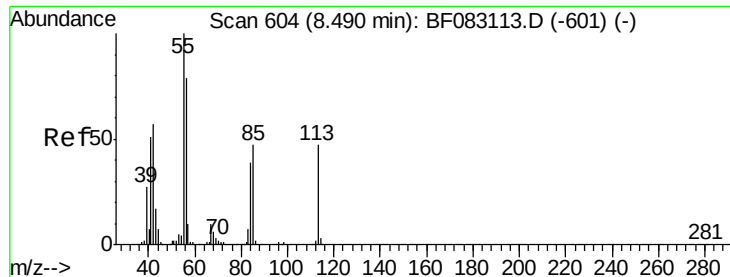
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#34
Hexachlorobutadiene
Concen: 29.71 ng
RT: 8.06 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	213985		
223	62.3	51.3	76.9	
227	63.1	49.8	74.8	





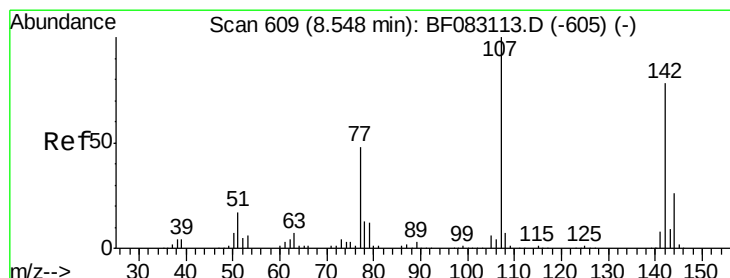
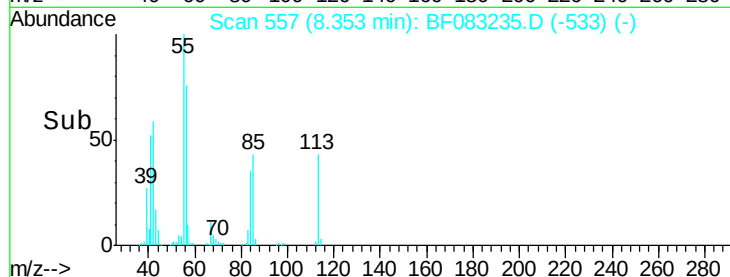
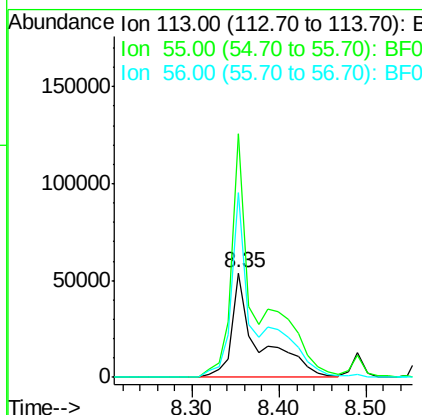
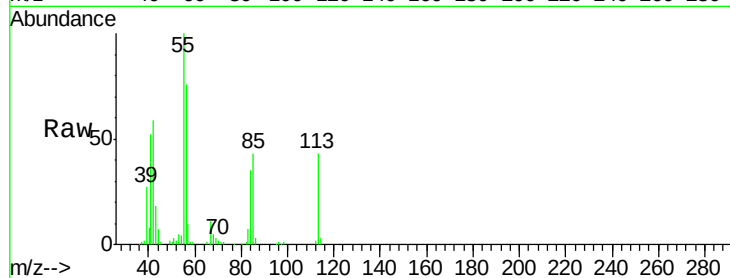
#35
 Caprolactam
 Concen: 32.34 ng
 RT: 8.35 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BS

Tgt Ion:113 Resp: 114967
 Ion Ratio Lower Upper
 113 100
 55 232.7 192.6 232.6#
 56 176.8 148.6 188.6

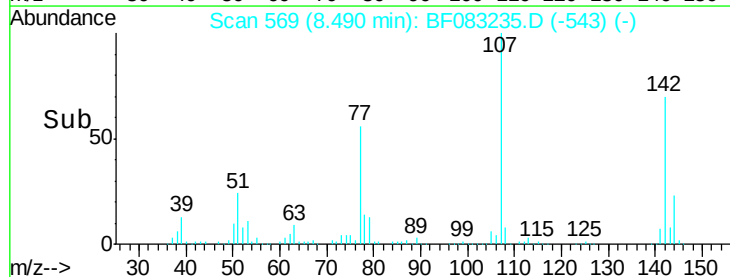
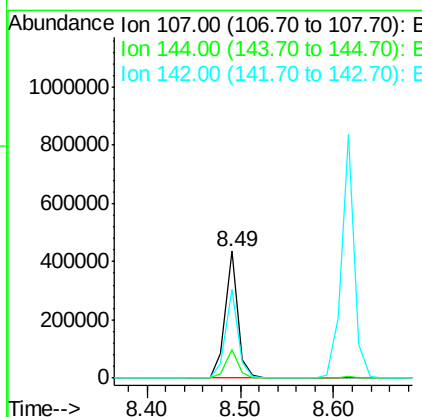
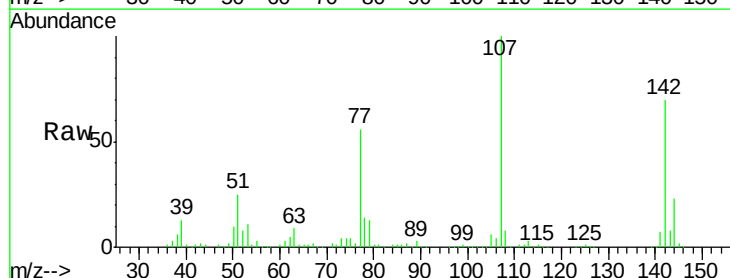
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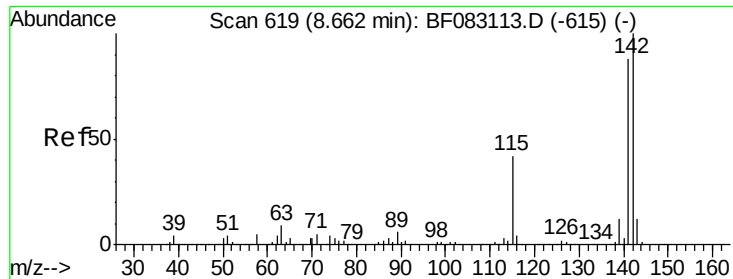
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#36
 4-Chloro-3-methylphenol
 Concen: 32.06 ng
 RT: 8.49 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion:107 Resp: 411929
 Ion Ratio Lower Upper
 107 100
 144 22.7 20.8 31.2
 142 69.8 62.1 93.1





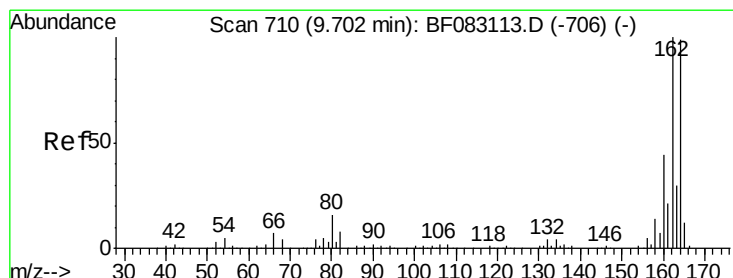
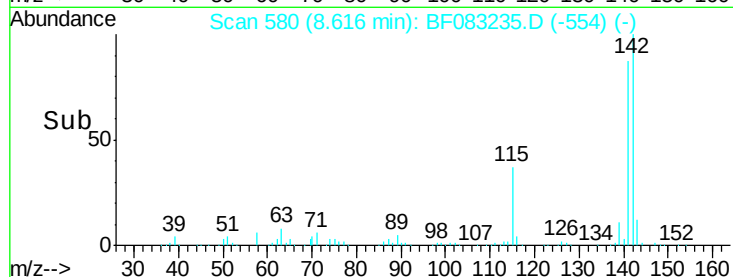
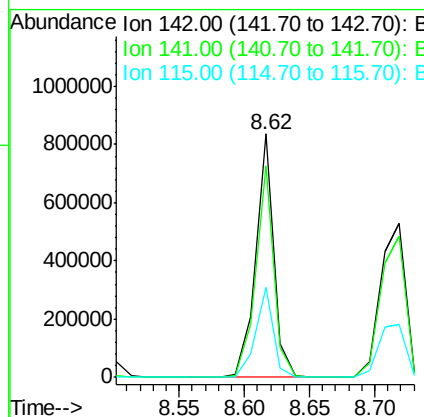
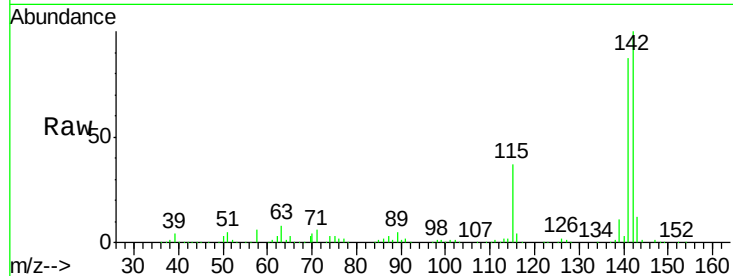
#37
2-Methylnaphthalene
Concen: 32.54 ng
RT: 8.62 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB86743BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	806858		
141	86.9	70.3	105.5	
115	37.2	33.4	50.2	

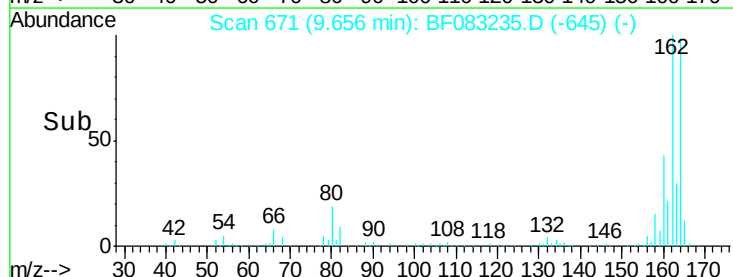
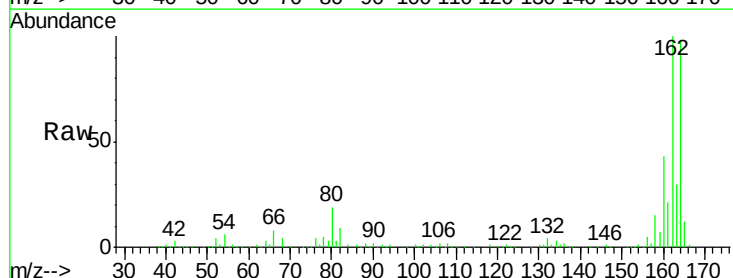
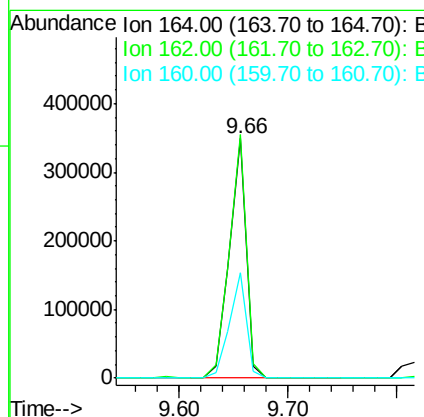
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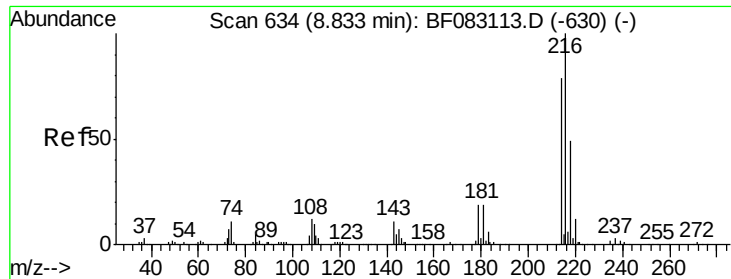
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	373728		
162	101.7	81.2	121.8	
160	44.1	35.6	53.4	





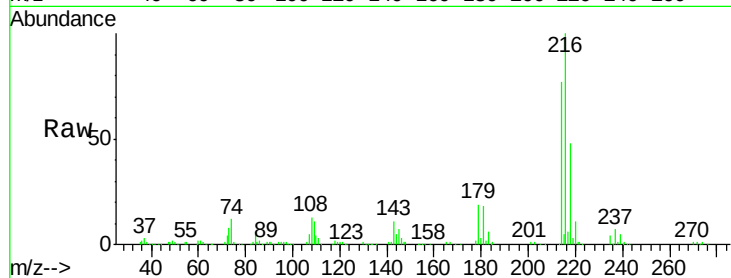
#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.88 ng
RT: 8.79 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB86743BS

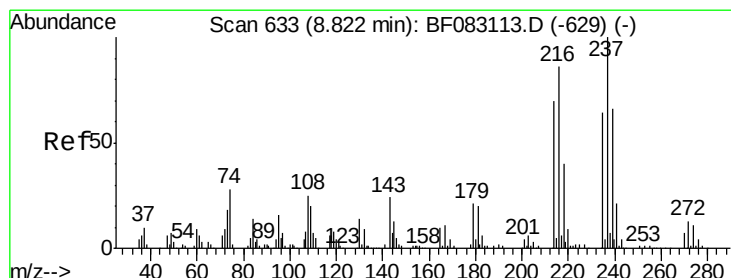
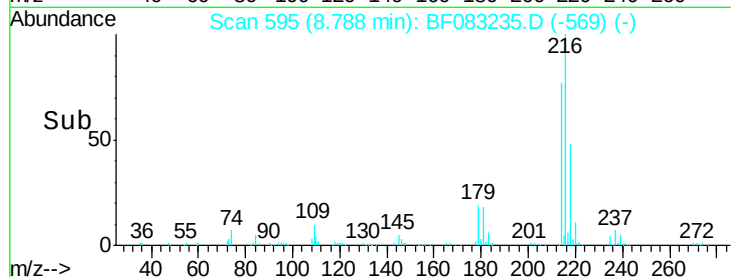
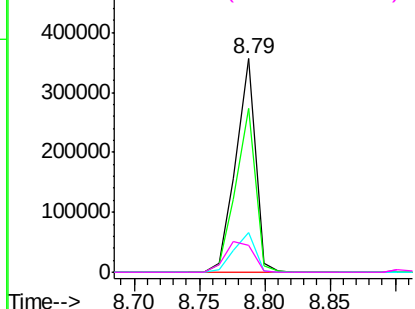
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Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.8	95.8
179	20.4	17.0	25.6
108	20.6	15.2	22.8

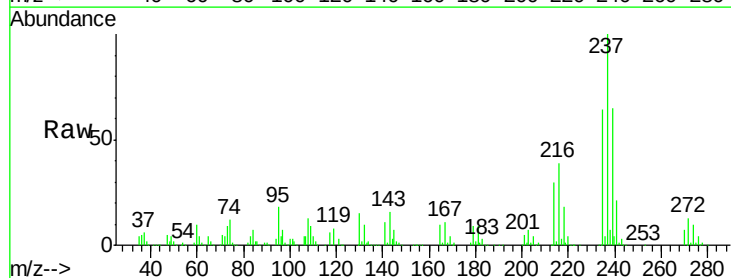


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

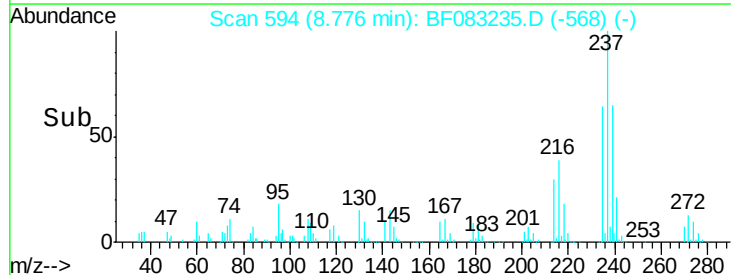
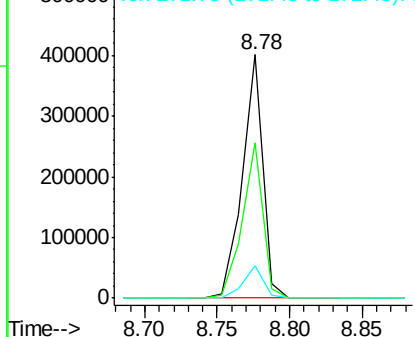


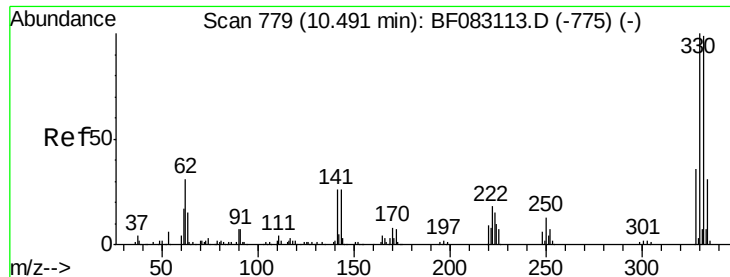
#40
Hexachlorocyclopentadiene
Concen: 56.95 ng
RT: 8.78 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.5	83.5
272	13.2	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





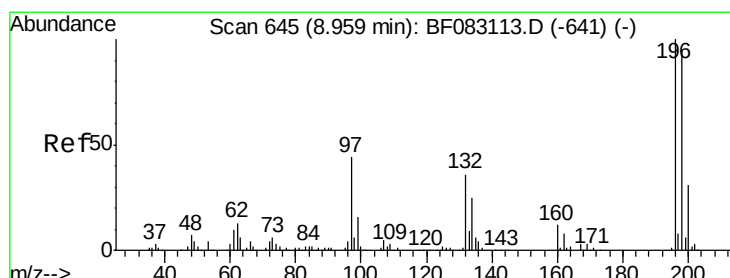
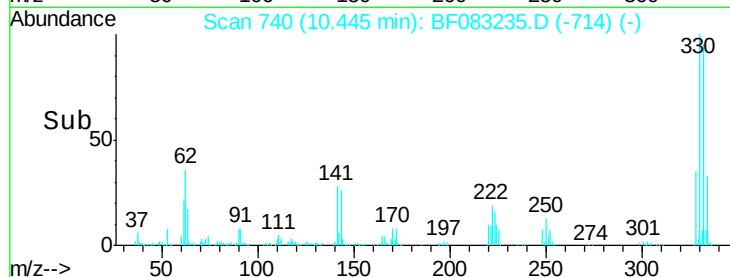
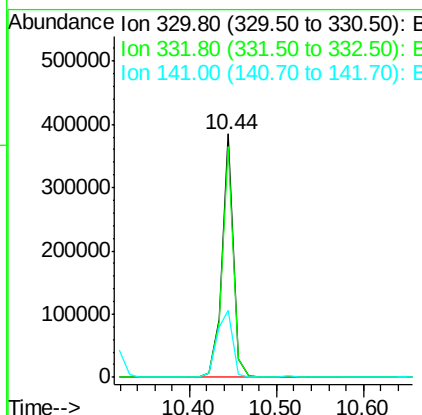
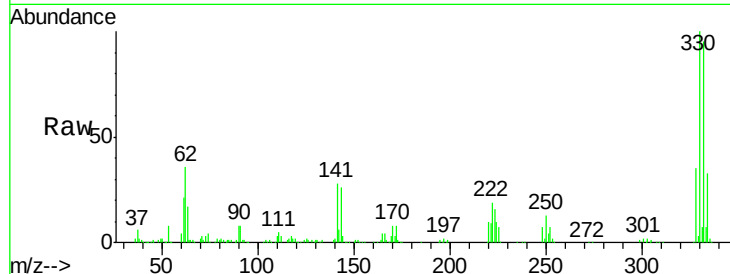
#41
 2,4,6-Tribromophenol
 Concen: 93.51 ng
 RT: 10.44 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	357539		
332	95.1	77.7	116.5	
141	37.9	29.7	44.5	

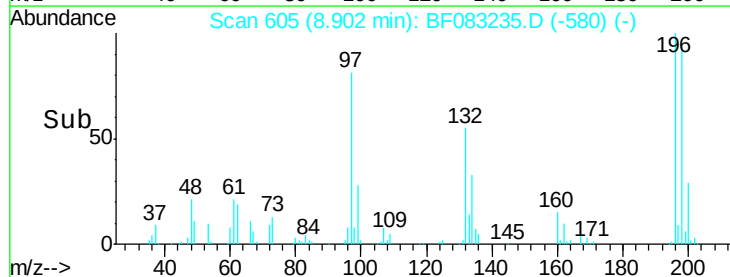
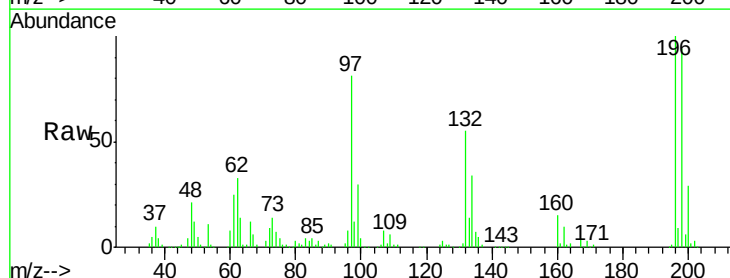
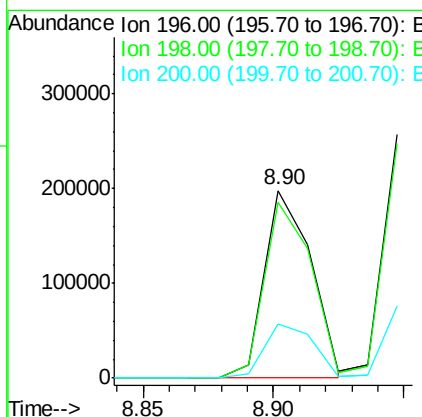
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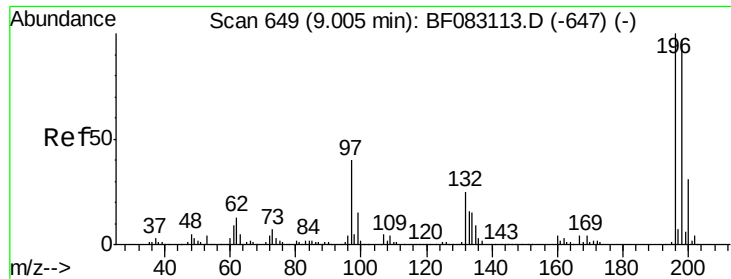
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#42
 2,4,6-Trichlorophenol
 Concen: 28.55 ng
 RT: 8.90 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

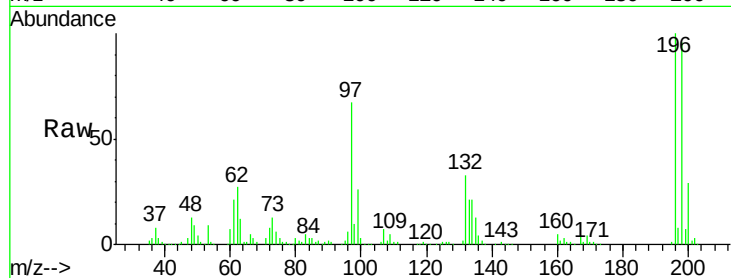
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247670		
198	93.8	75.9	113.9	
200	28.7	24.5	36.7	





#43
 2,4,5-Trichlorophenol
 Concen: 30.94 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

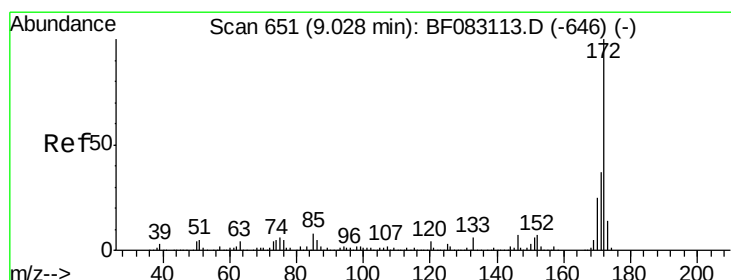
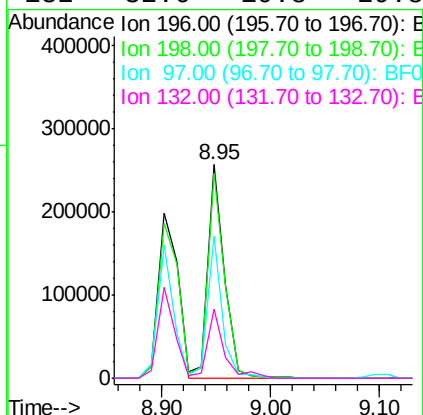
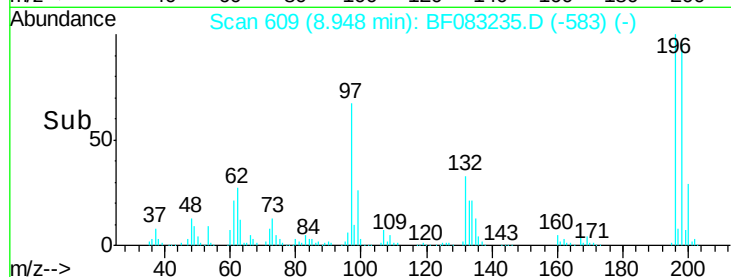
Instrument :
 BNA_F
 ClientSampleId :
 PB86743BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274451		
198	96.1	77.6	116.4	
97	66.5	32.6	48.8#	
132	32.6	19.8	29.8#	

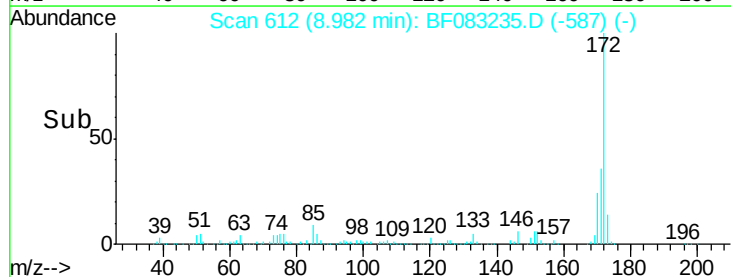
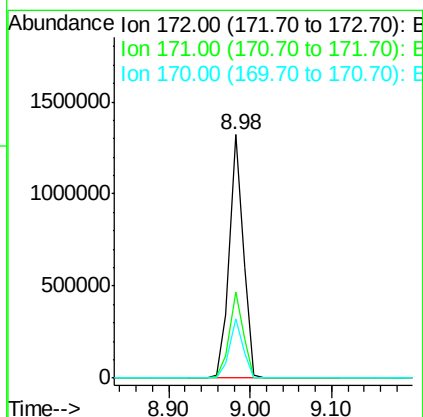
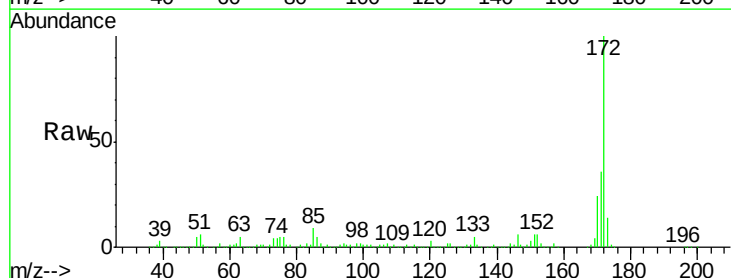
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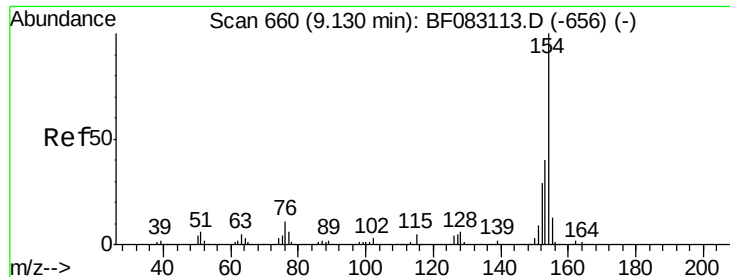
Mmdadoda
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#44
 2-Fluorobiphenyl
 Concen: 59.10 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1584035		
171	35.5	29.5	44.3	
170	24.1	19.9	29.9	





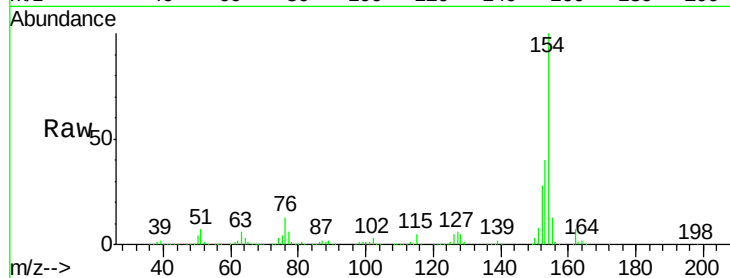
#45
 1,1'-Biphenyl
 Concen: 31.32 ng
 RT: 9.08 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BS

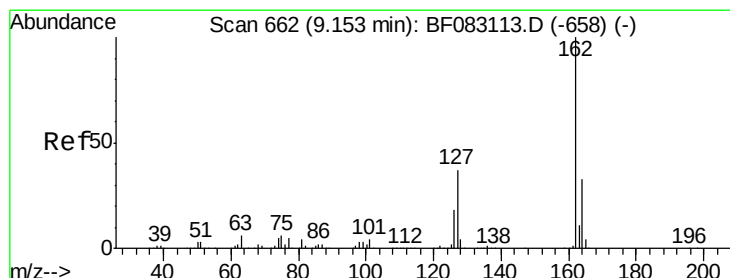
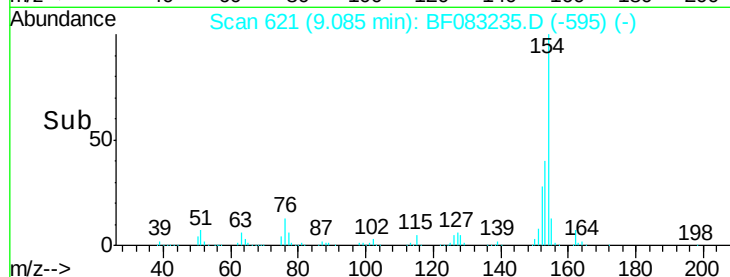
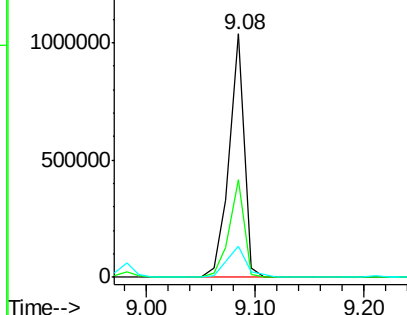
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	996152		
153	40.1	20.5	60.5	
76	12.6	0.0	31.2	

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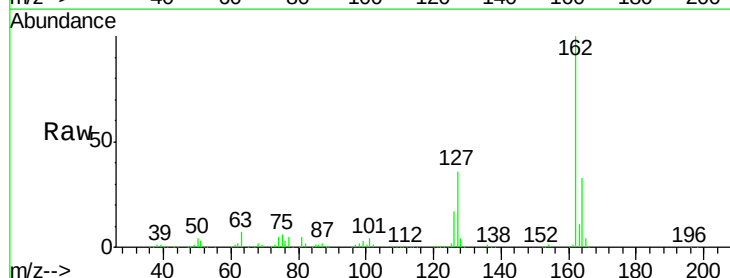


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

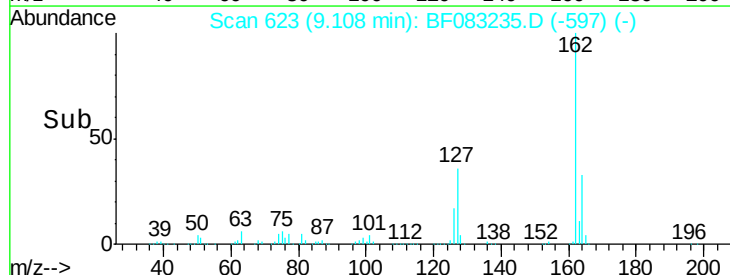
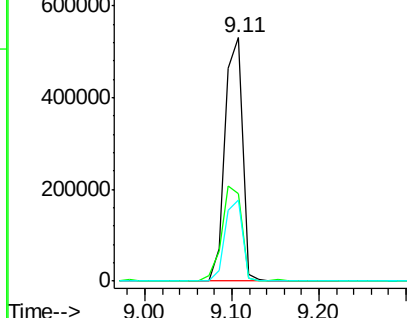


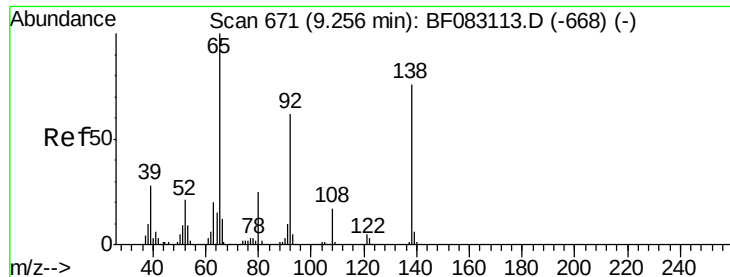
#46
 2-Chloronaphthalene
 Concen: 29.89 ng
 RT: 9.11 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	746869		
127	35.8	29.4	44.2	
164	33.2	26.2	39.4	



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.00 ng

RT: 9.21 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

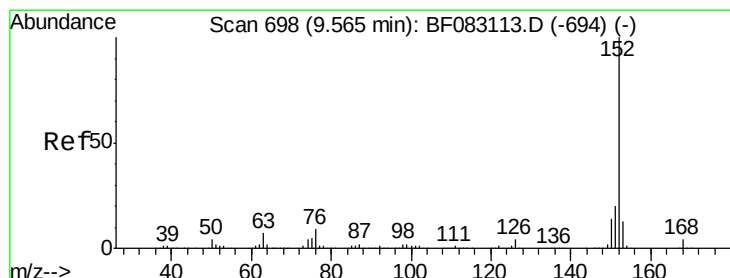
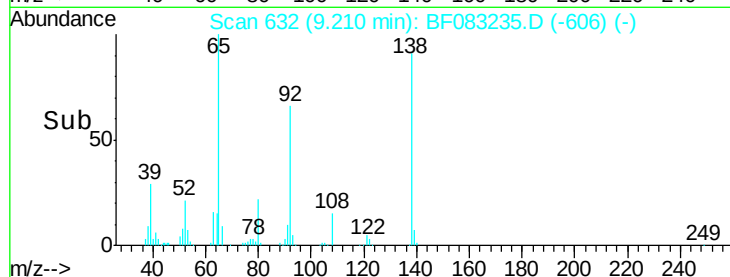
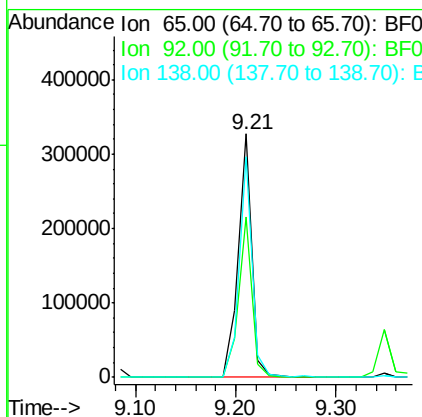
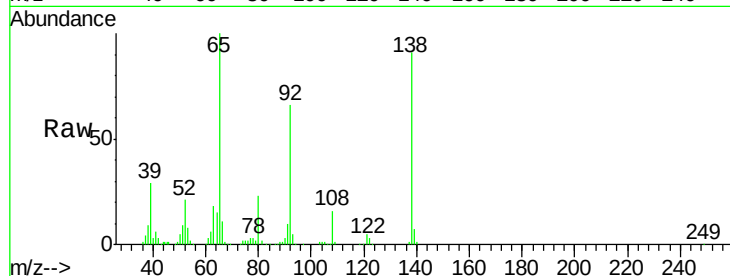
ClientSampleId :

PB86743BS

Tgt Ion:	65	Resp:	309310
Ion Ratio	Lower	Upper	
65	100		
92	65.8	49.5	74.3
138	90.8	60.7	91.1

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#48

Acenaphthylene

Concen: 31.41 ng

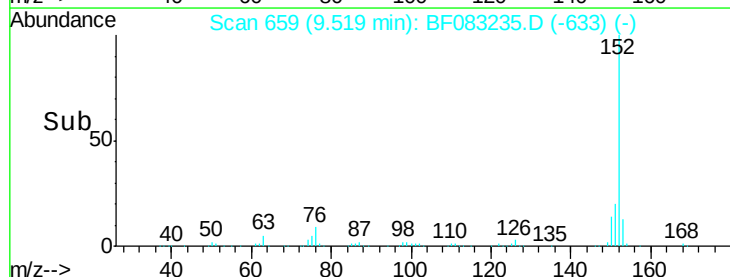
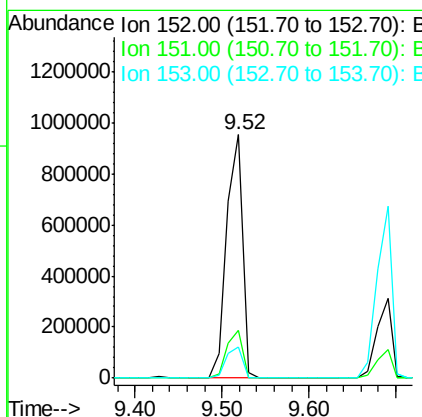
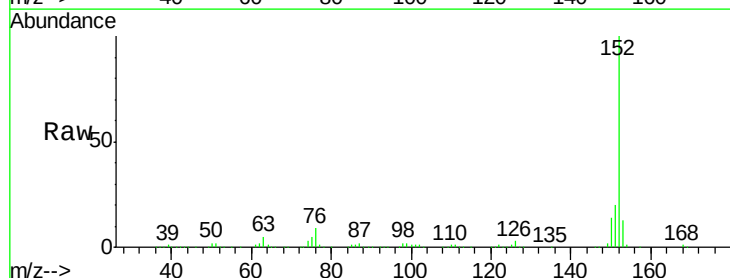
RT: 9.52 min Scan# 659

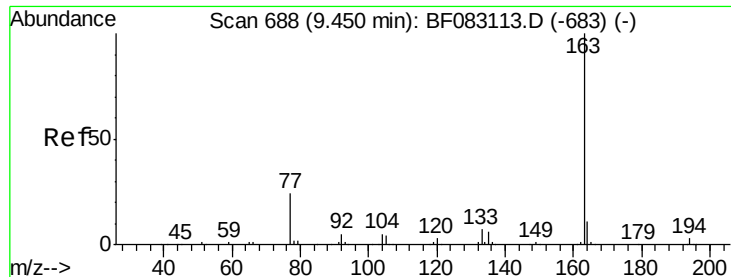
Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion:	152	Resp:	1216207
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.3	24.5
153	12.9	10.8	16.2





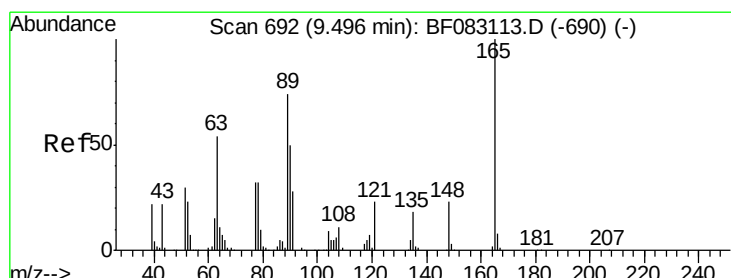
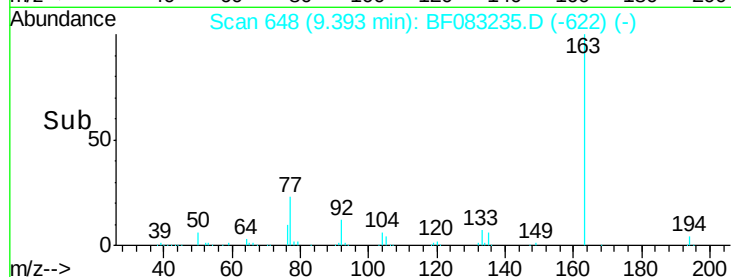
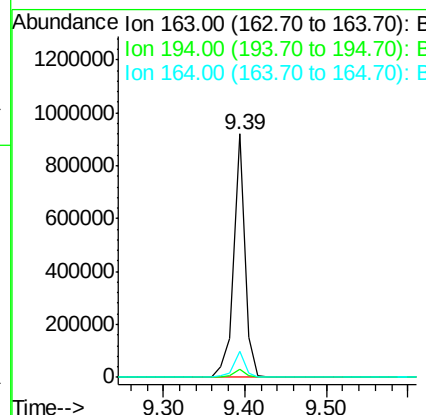
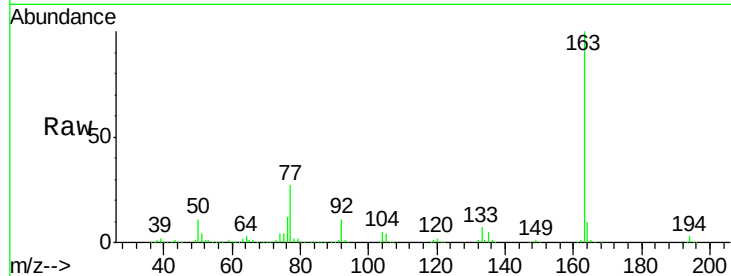
#49
Dimethylphthalate
Concen: 30.28 ng
RT: 9.39 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB86743BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	871127		
194	3.4	2.6	4.0	
164	10.5	8.6	12.8	

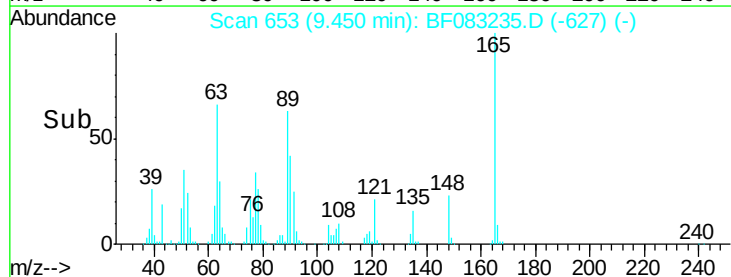
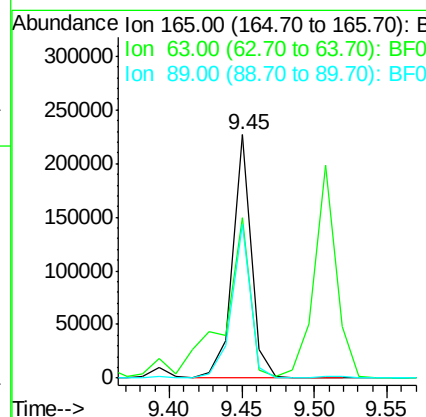
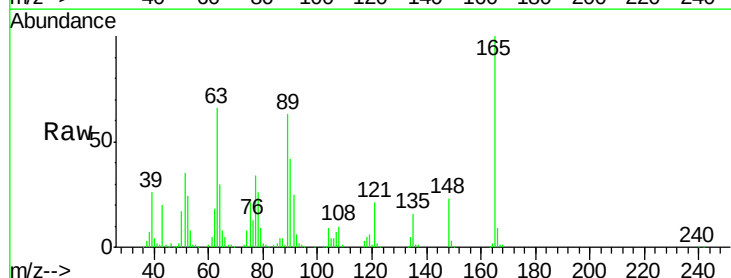
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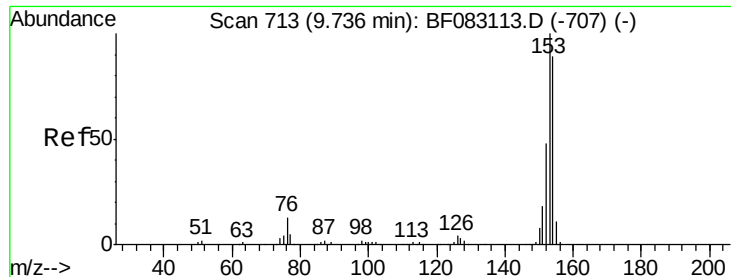
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#50
2,6-Dinitrotoluene
Concen: 31.51 ng
RT: 9.45 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	203438		
63	65.9	62.5	93.7	
89	63.2	59.1	88.7	





#51

Acenaphthene

Concen: 30.33 ng

RT: 9.69 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF083235.D

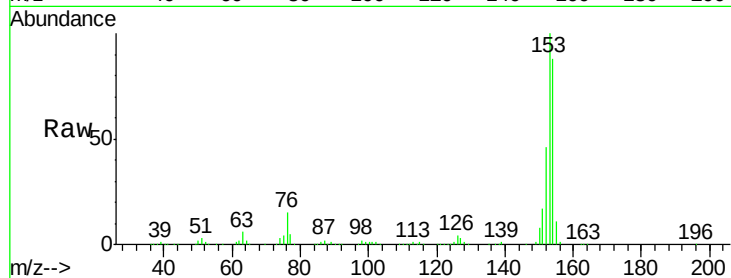
Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PB86743BS



Tgt Ion:154 Resp: 714727

Ion Ratio Lower Upper

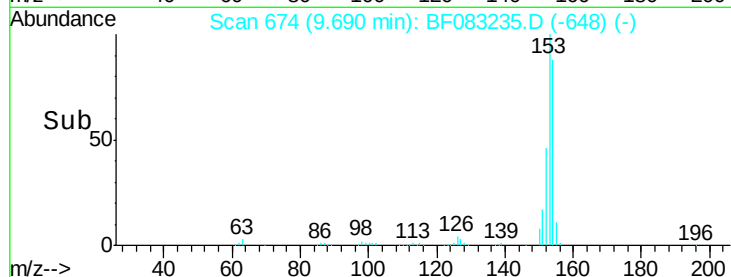
154 100

153 113.5 89.6 134.4

152 52.5 43.3 64.9

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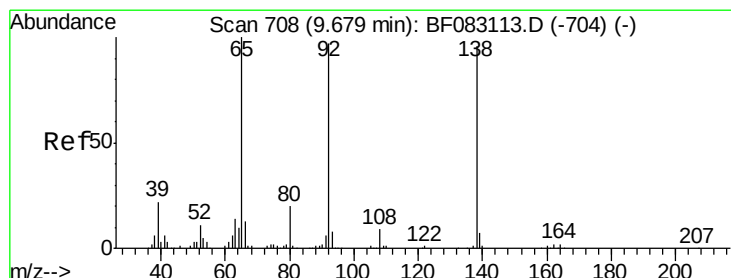
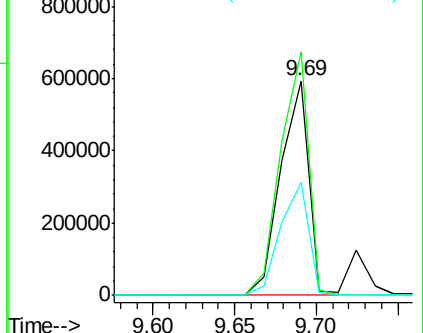
Mmdadoda
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.79 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

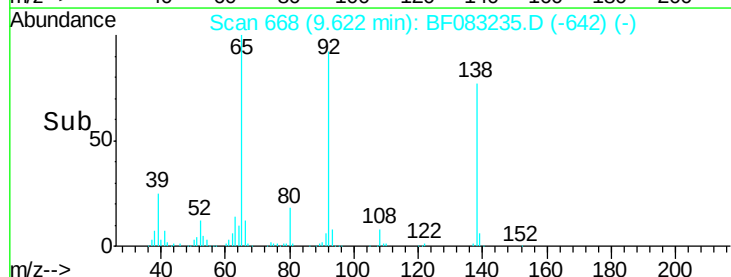
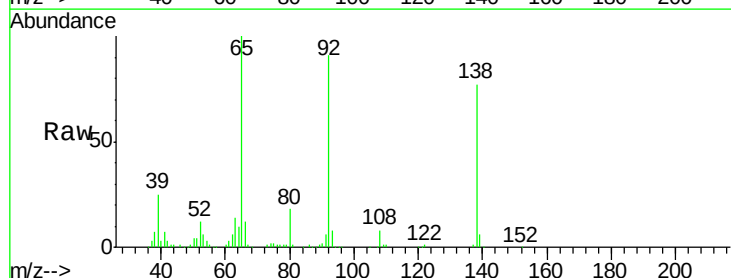
Tgt Ion:138 Resp: 129305

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.6

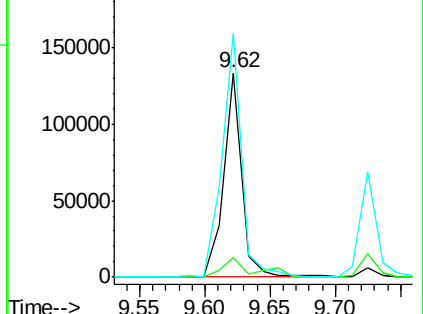
92 119.3 81.1 121.7

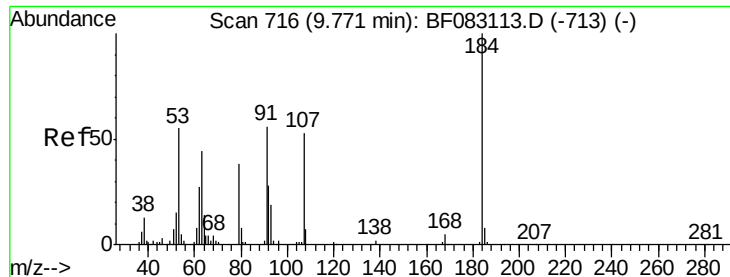


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

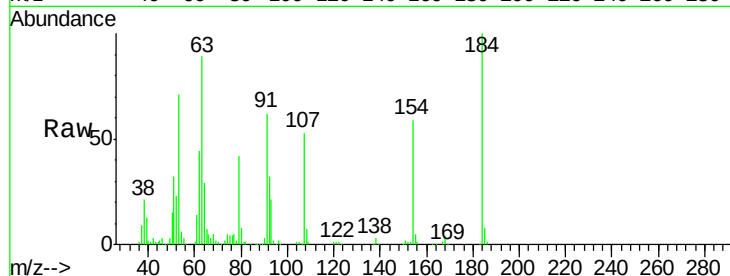
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 55.25 ng
RT: 9.72 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

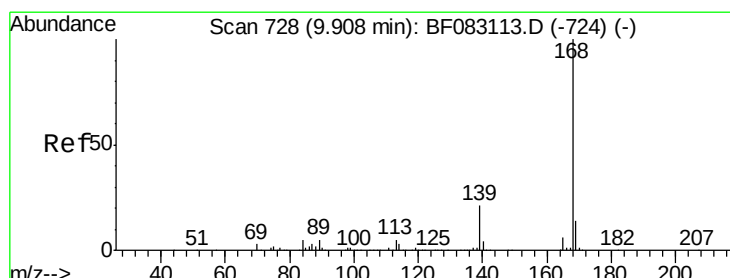
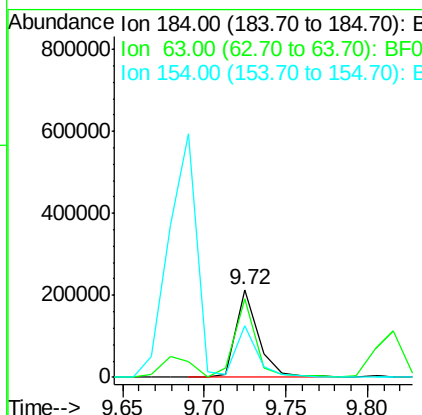
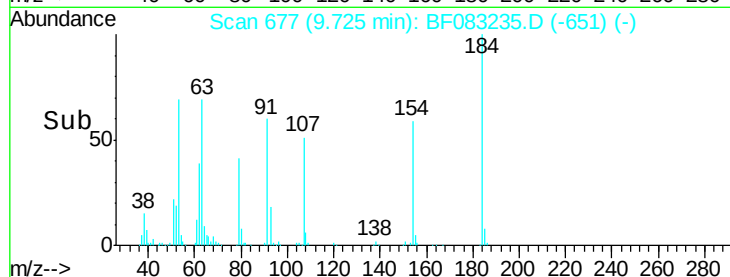
Instrument :
BNA_F
ClientSampleId :
PB86743BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	205498		
63	88.9	60.5	90.7	
154	59.0	54.3	81.5	

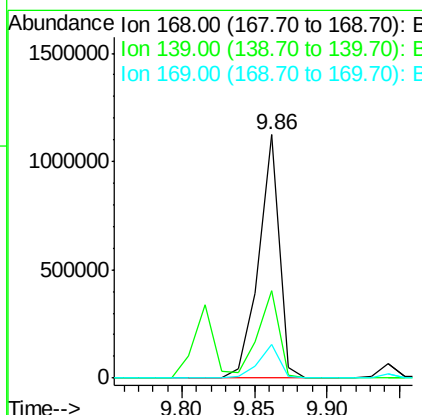
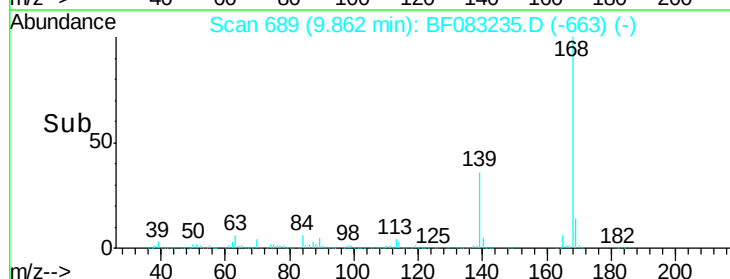
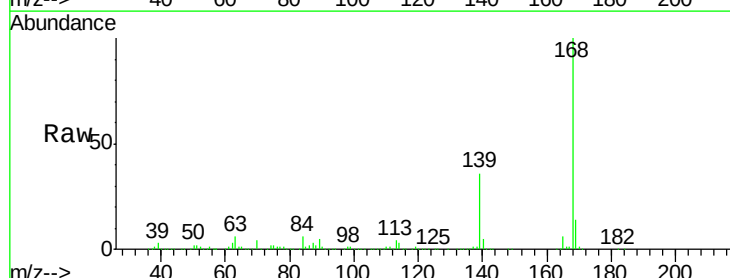
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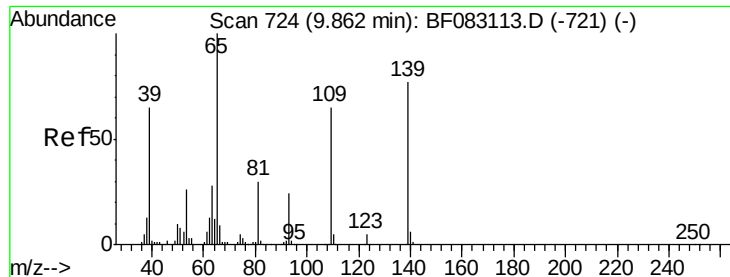
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#54
Dibenzofuran
Concen: 33.19 ng
RT: 9.86 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1105893		
139	36.1	30.2	45.2	
169	13.7	10.9	16.3	





#55

4-Nitrophenol

Concen: 64.80 ng

RT: 9.82 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

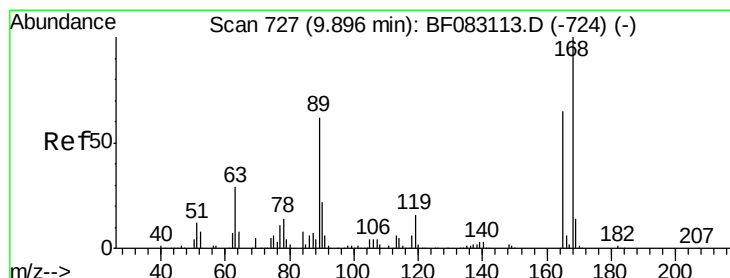
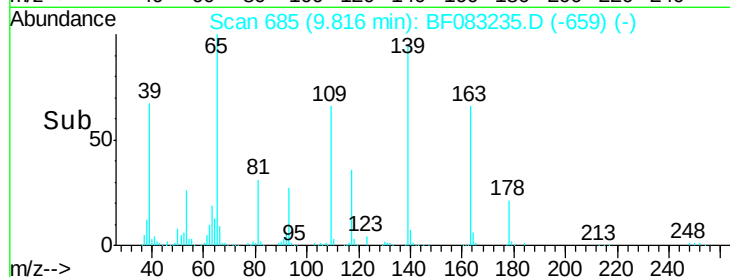
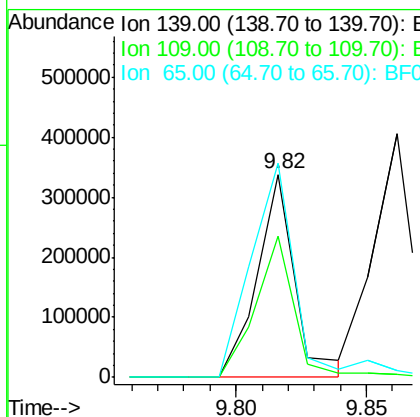
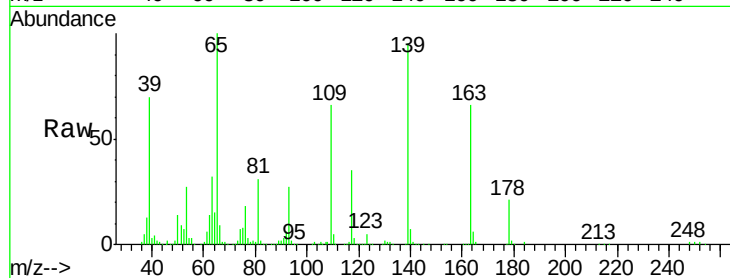
ClientSampleId :

PB86743BS

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	342033		
109	69.9	64.0	104.0	
65	105.6	109.5	149.5	



#56

2,4-Dinitrotoluene

Concen: 30.15 ng

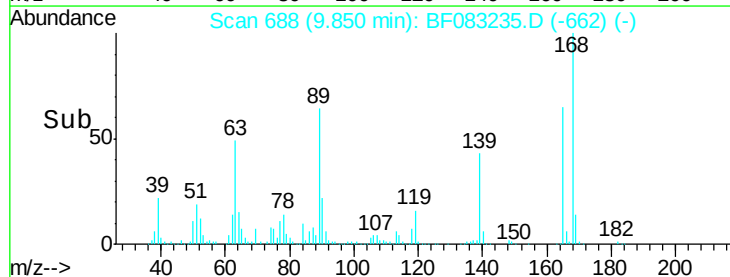
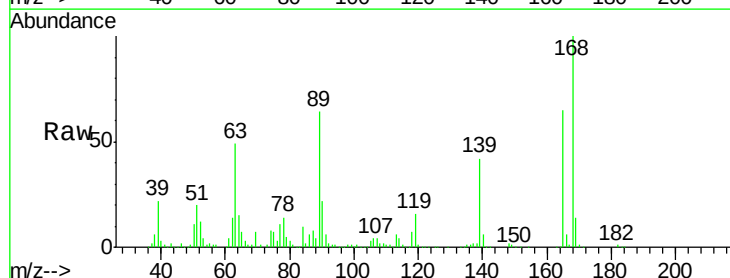
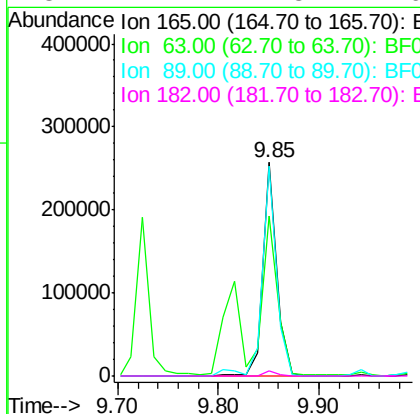
RT: 9.85 min Scan# 688

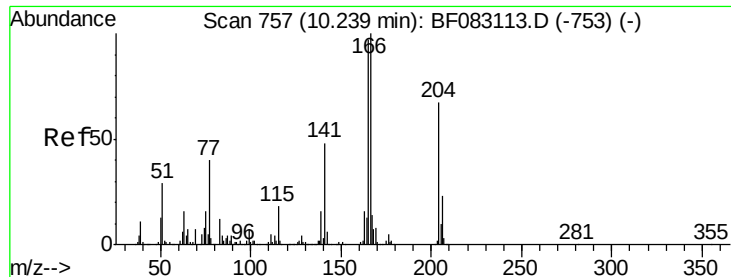
Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	246614		
63	75.0	54.5	81.7	
89	98.5	77.3	115.9	
182	2.2	1.8	2.6	





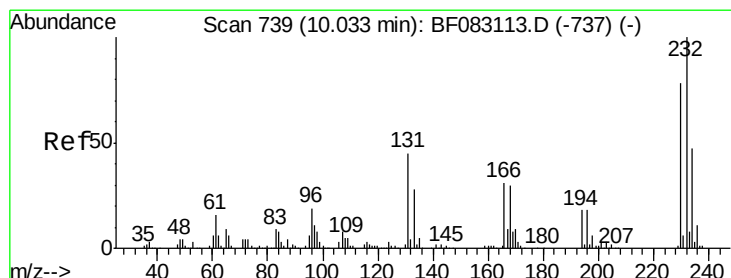
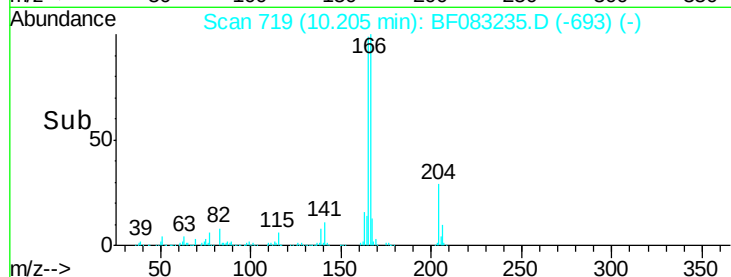
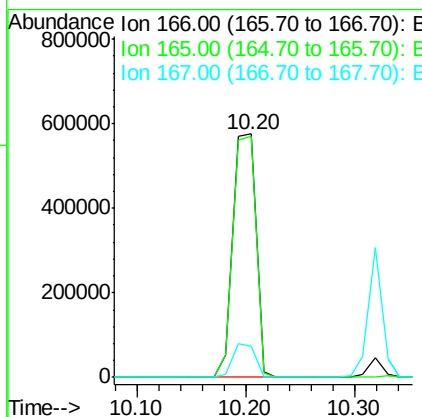
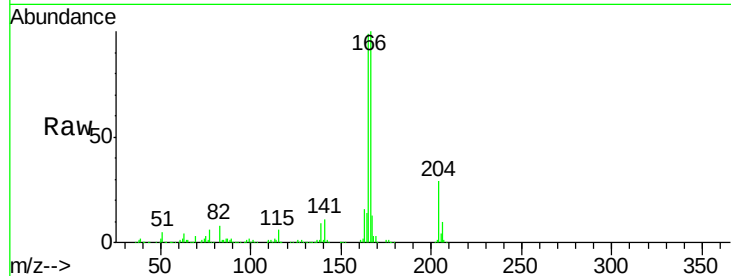
#57
Fluorene
 Concen: 30.33 ng
 RT: 10.20 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	835030		
165	98.8	78.0	117.0	
167	13.0	11.3	16.9	

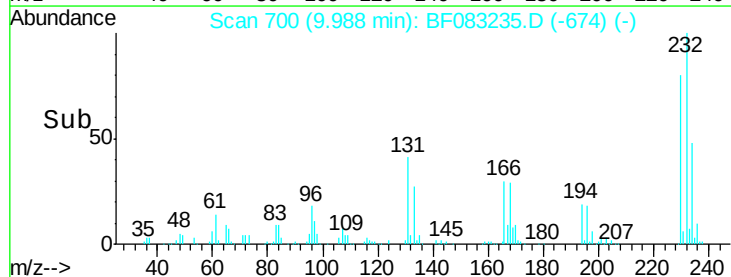
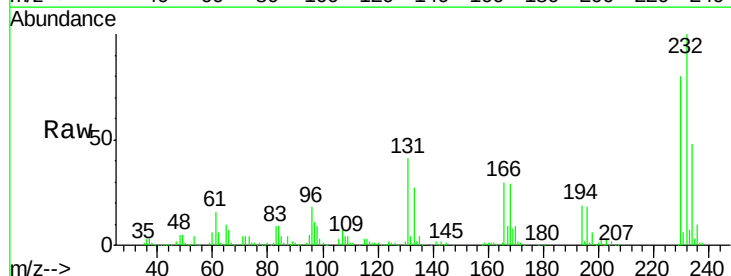
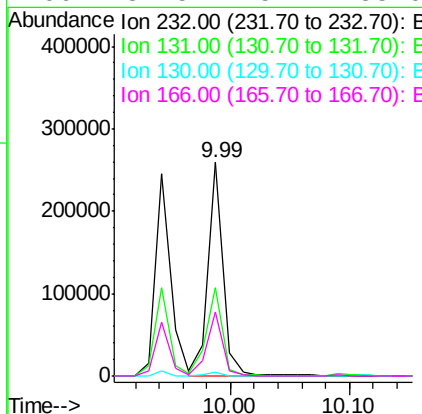
Manual Integrations
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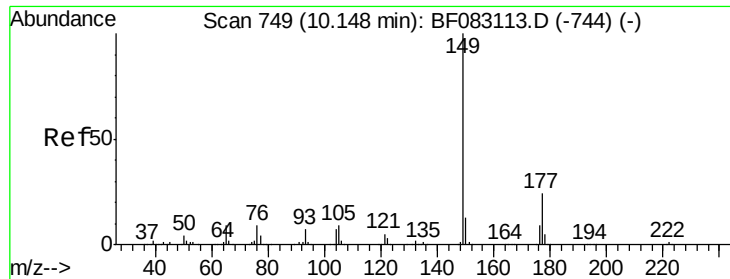
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 31.40 ng
 RT: 9.99 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	228448		
131	45.2	38.6	57.8	
130	2.0	1.9	2.9	
166	31.5	25.4	38.0	





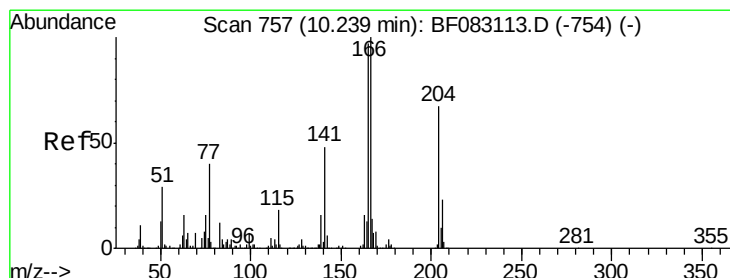
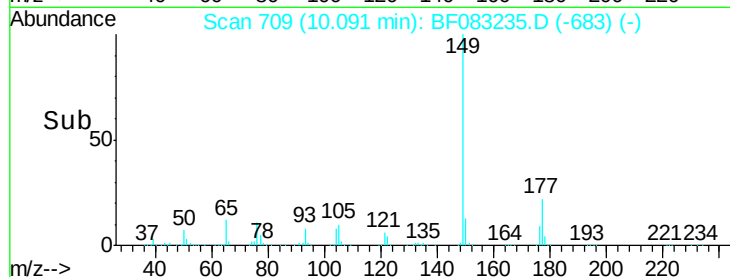
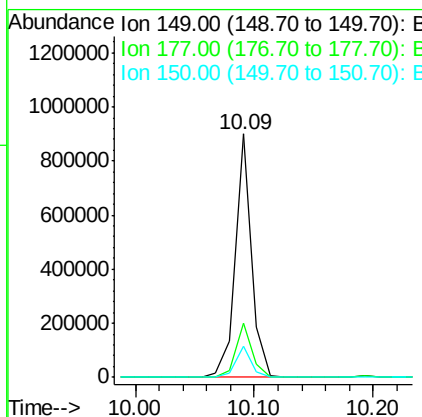
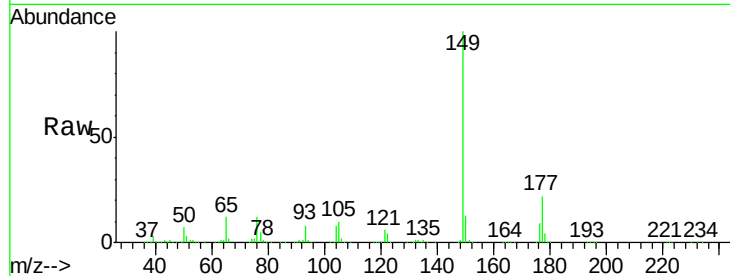
#59
Diethylphthalate
Concen: 29.79 ng
RT: 10.09 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB86743BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	853215		
177	22.2	19.4	29.2	
150	12.9	10.2	15.2	

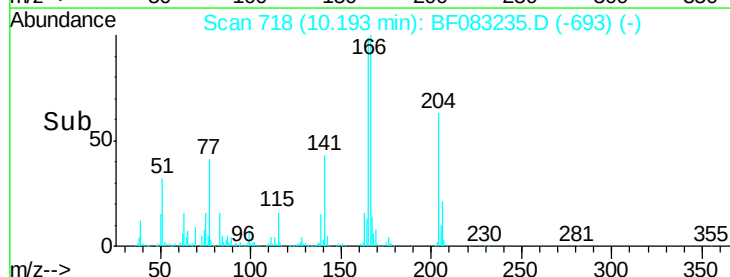
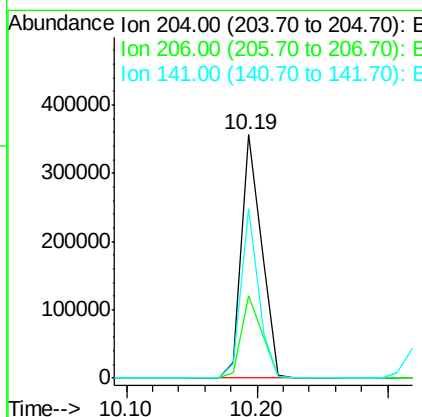
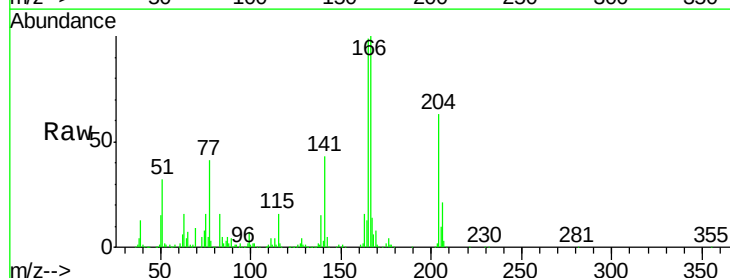
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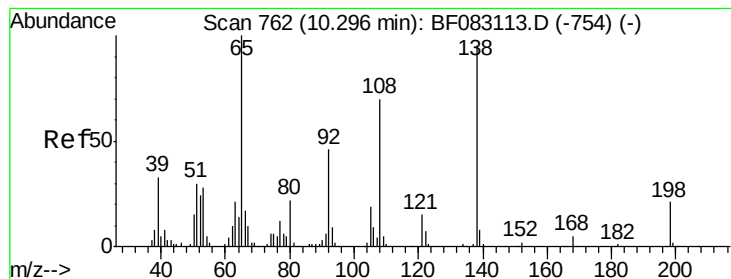
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#60
4-Chlorophenyl-phenylether
Concen: 30.07 ng
RT: 10.19 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	379242		
206	33.6	27.4	41.0	
141	69.5	57.4	86.2	





#61

4-Nitroaniline

Concen: 31.91 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083235.D

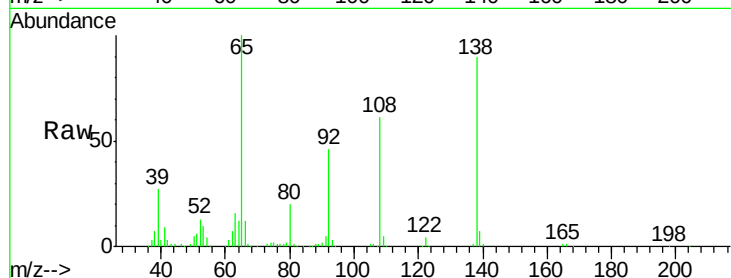
Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

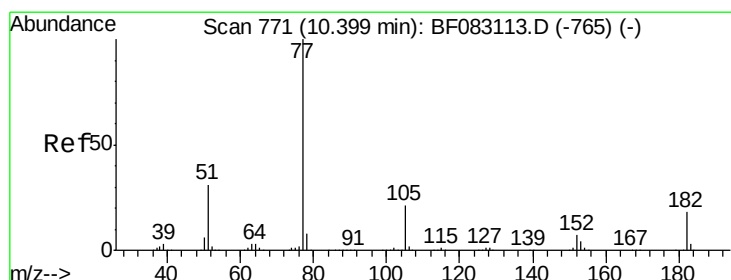
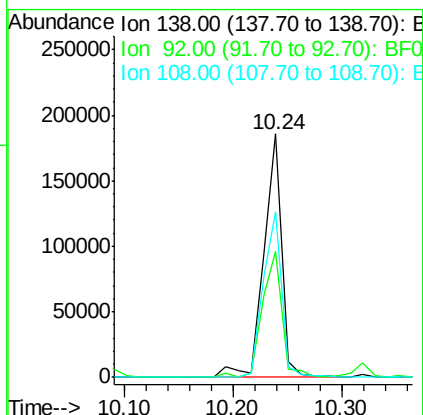
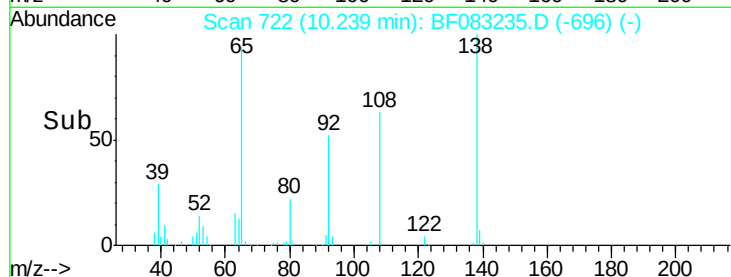
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Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	28.4	68.4
108	68.0	53.5	93.5

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#62

Azobenzene

Concen: 32.55 ng

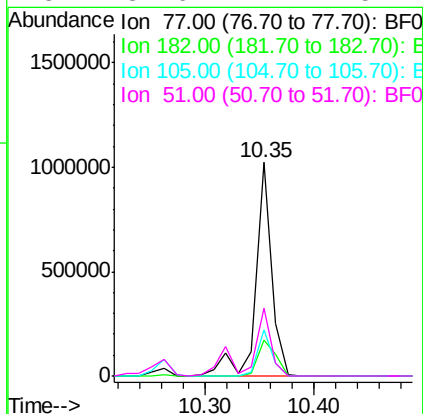
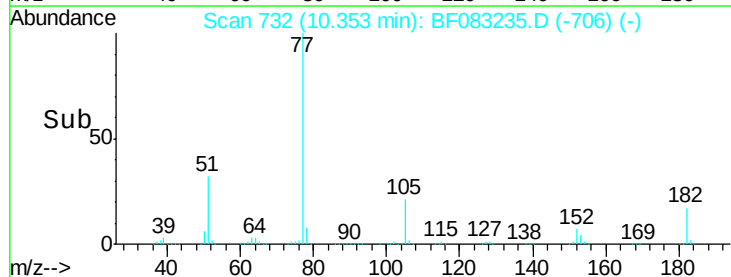
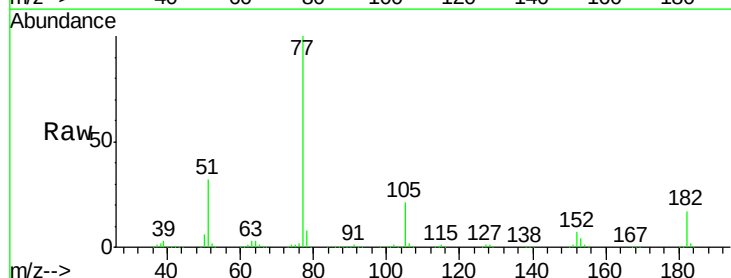
RT: 10.35 min Scan# 732

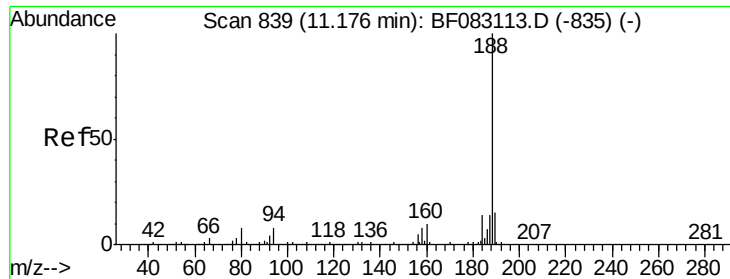
Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.9	0.0	38.3
105	21.4	1.2	41.2
51	31.6	11.1	51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

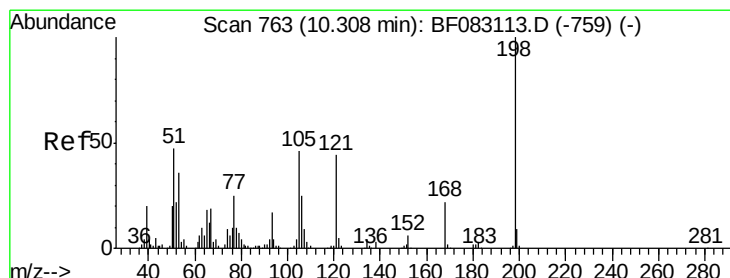
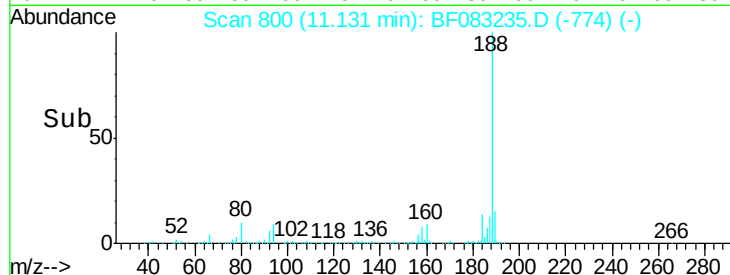
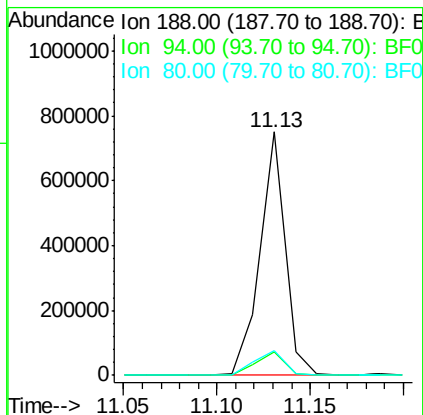
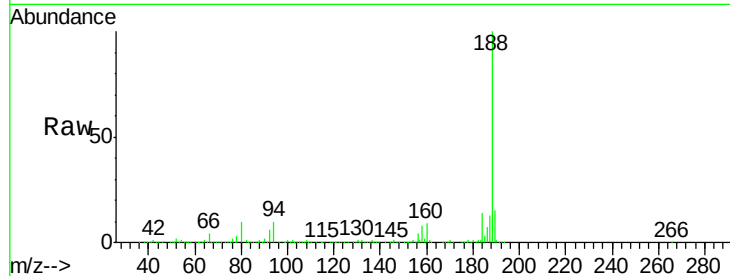
ClientSampleId :

PB86743BS

Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		700471		
94	9.6	6.0	9.0#		
80	10.2	6.7	10.1#		

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#64

4,6-Dinitro-2-methylphenol

Concen: 32.66 ng

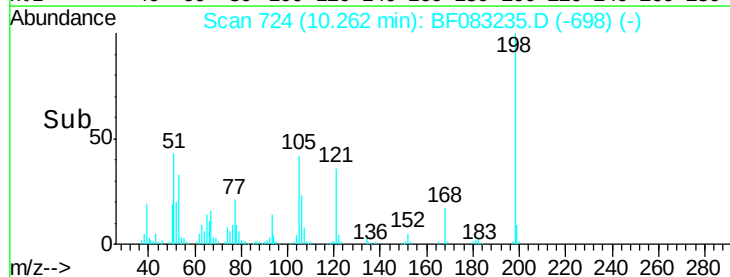
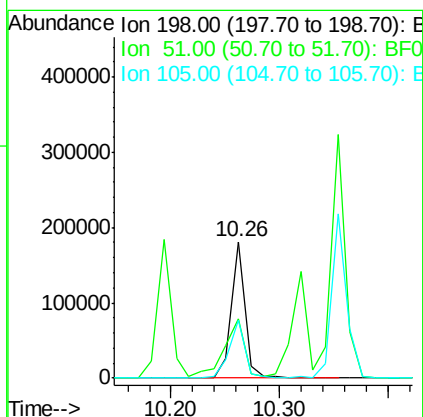
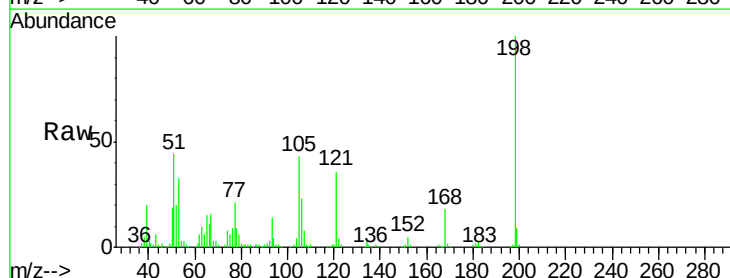
RT: 10.26 min Scan# 724

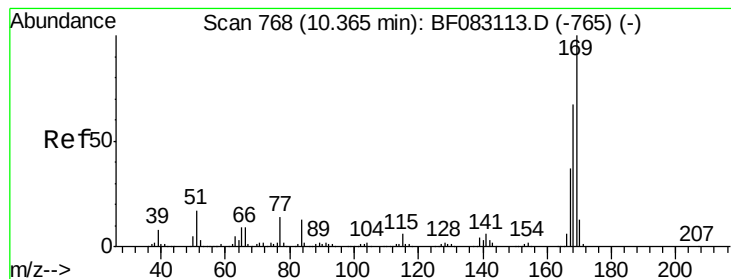
Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt	Ion	Ratio	Resp	Lower	Upper
198	100		157609		
51	43.7	27.0	67.0		
105	42.6	26.1	66.1		





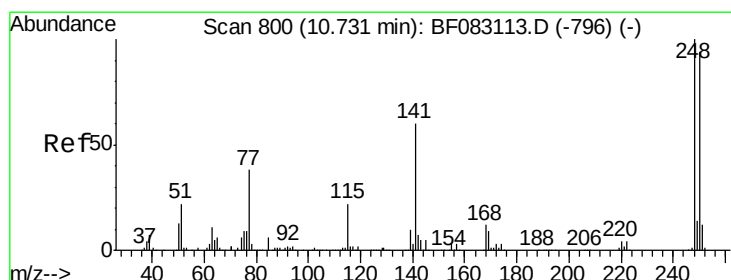
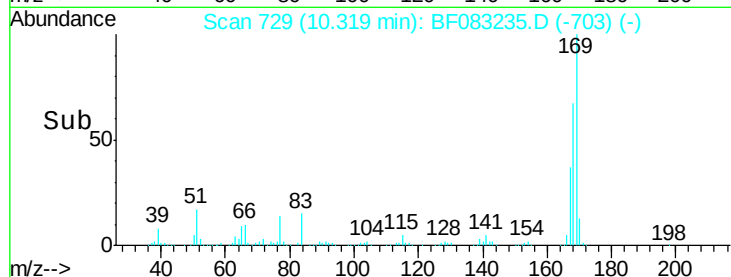
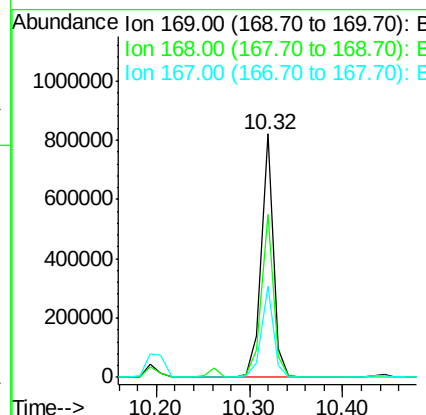
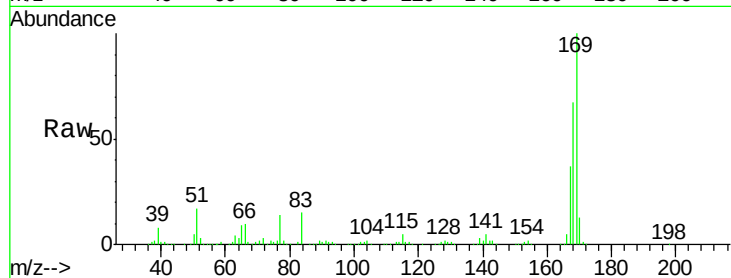
#65
 n-Nitrosodiphenylamine
 Concen: 31.09 ng
 RT: 10.32 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	740618		
168	67.1	53.8	80.6	
167	37.5	29.8	44.8	

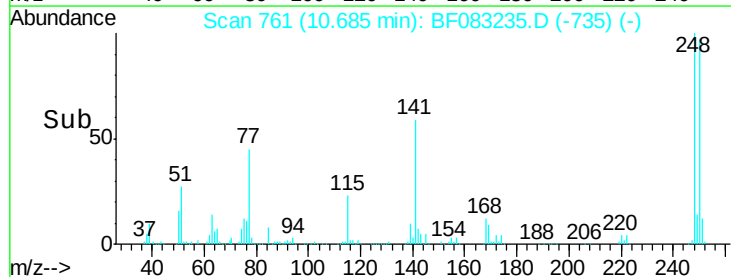
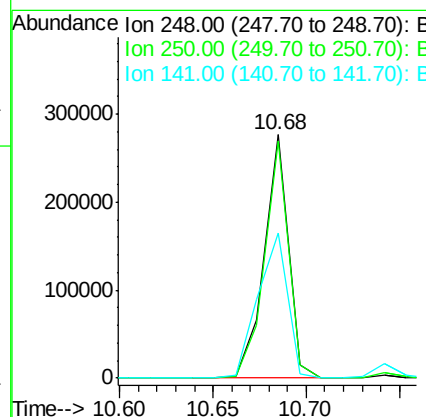
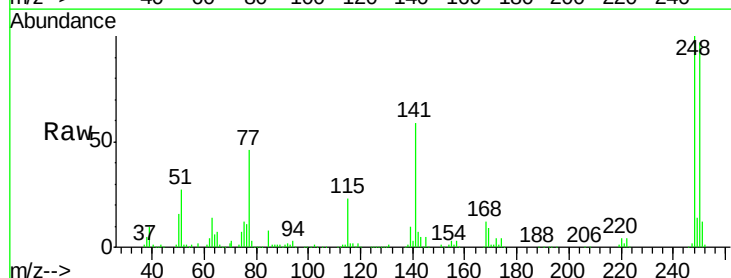
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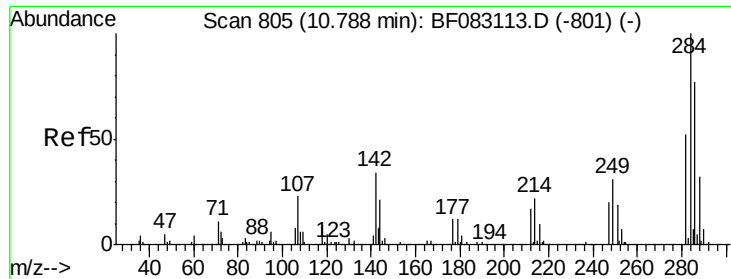
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#66
 4-Bromophenyl-phenylether
 Concen: 31.88 ng
 RT: 10.68 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	247793		
250	97.2	75.4	113.2	
141	59.3	48.1	72.1	





#67

Hexachlorobenzene

Concen: 29.97 ng

RT: 10.74 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

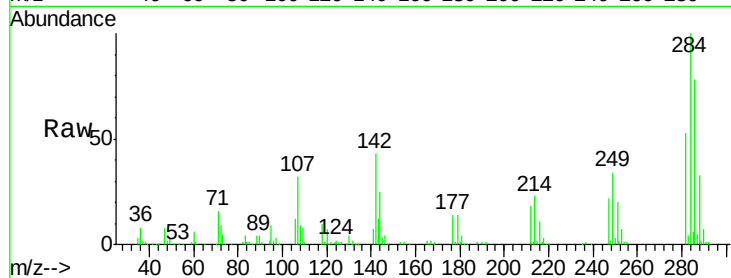
ClientSampleId :

PB86743BS

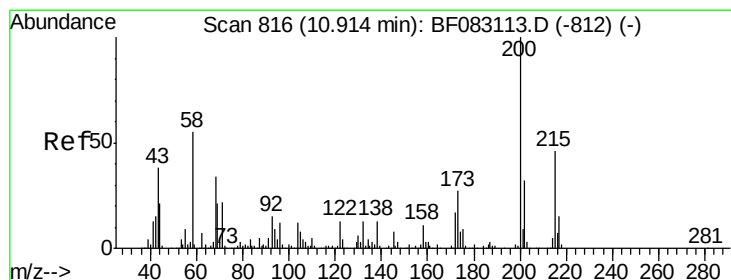
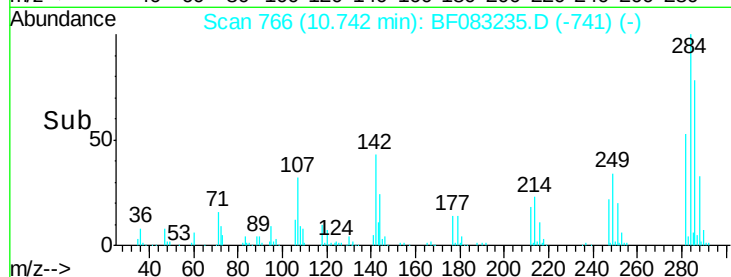
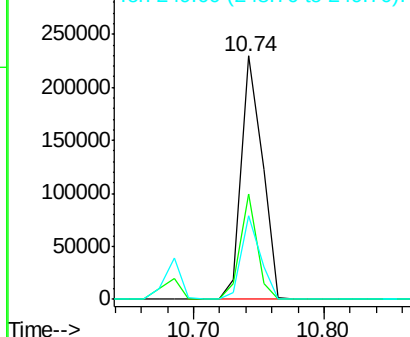
Tgt Ion:	284	Resp:	256539
Ion Ratio	Lower	Upper	
284	100		
142	43.2	27.6	41.4#
249	34.2	25.5	38.3

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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: 37.45 ng

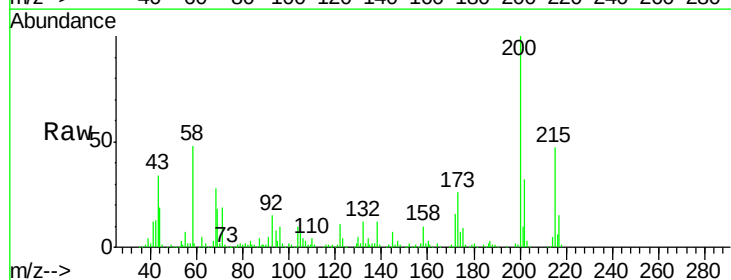
RT: 10.86 min Scan# 776

Delta R.T. -0.00 min

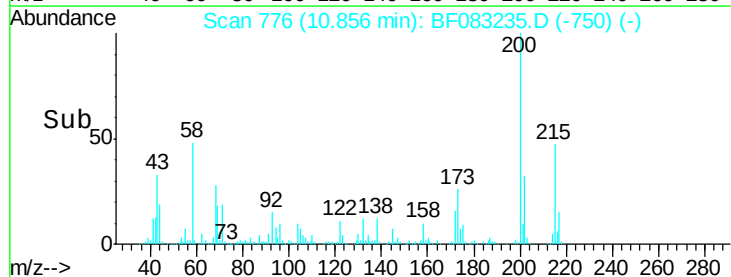
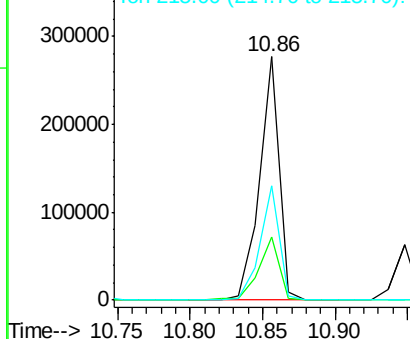
Lab File: BF083235.D

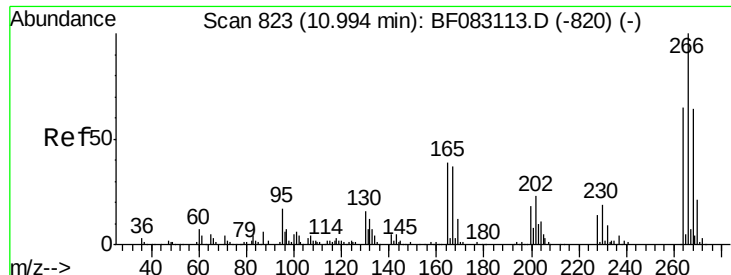
Acq: 24 Nov 2015 14:22

Tgt Ion:	200	Resp:	259051
Ion Ratio	Lower	Upper	
200	100		
173	26.1	7.2	47.2
215	46.8	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





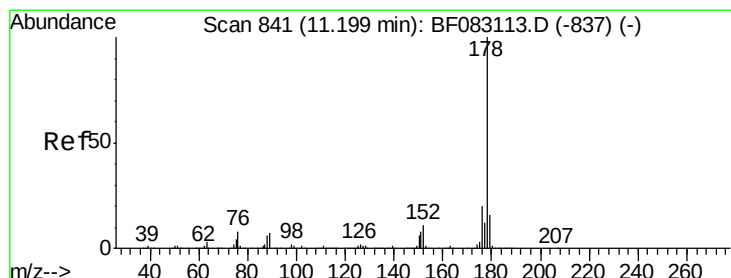
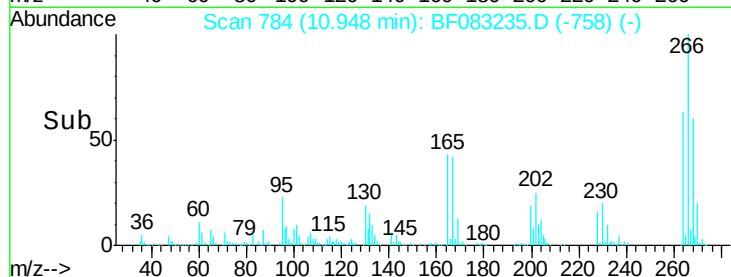
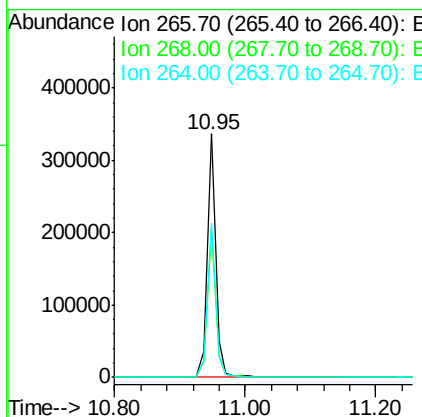
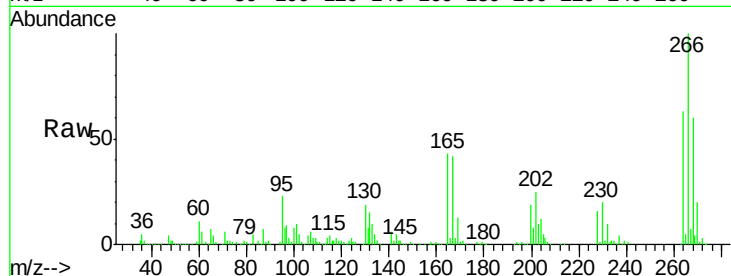
#69
 Pentachlorophenol
 Concen: 54.55 ng
 RT: 10.95 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	304150		
268	60.1	51.4	77.0	
264	63.0	51.7	77.5	

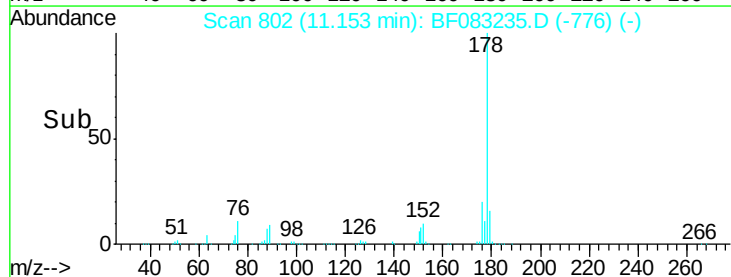
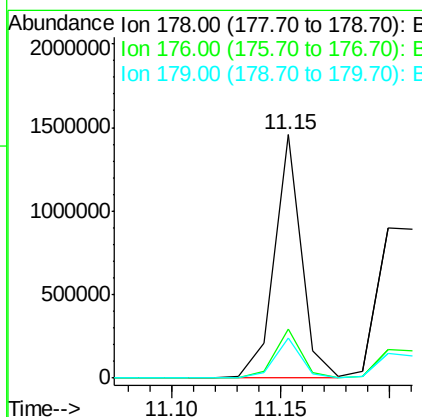
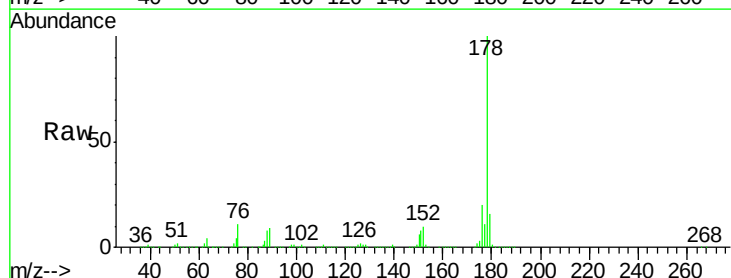
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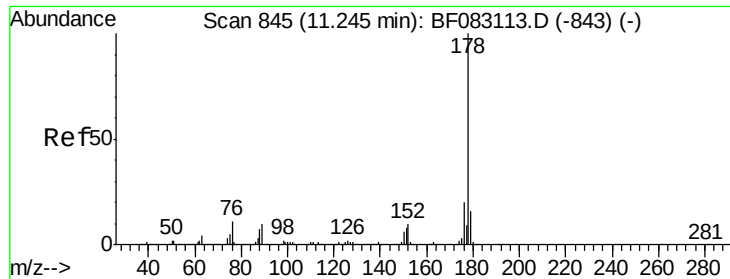
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#70
 Phenanthrene
 Concen: 31.50 ng
 RT: 11.15 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1271383		
176	20.0	16.2	24.2	
179	16.4	12.8	19.2	





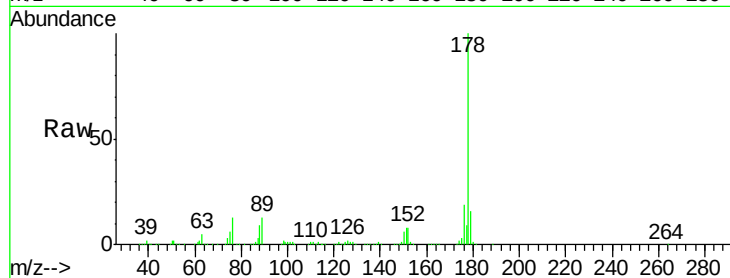
#71
 Anthracene
 Concen: 31.10 ng
 RT: 11.20 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BS

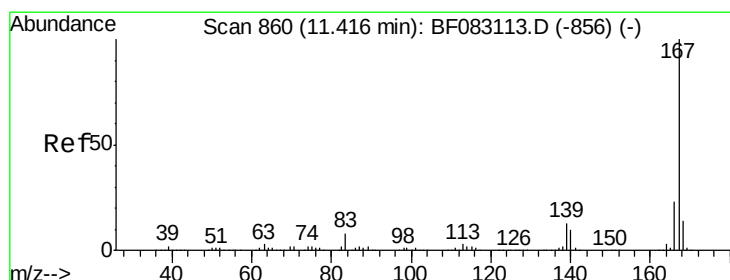
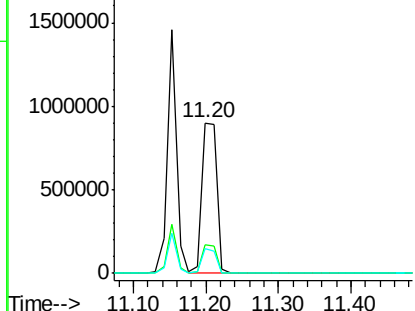
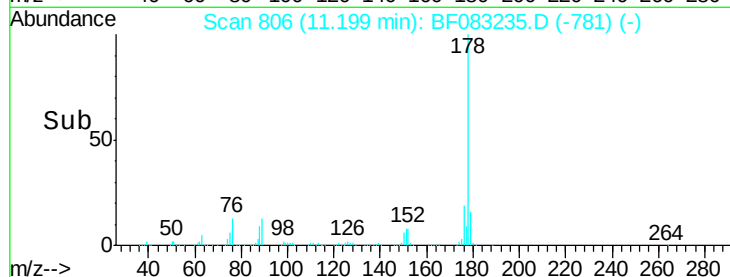
Tgt Ion:178 Resp: 1280408
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 16.1 13.2 19.8

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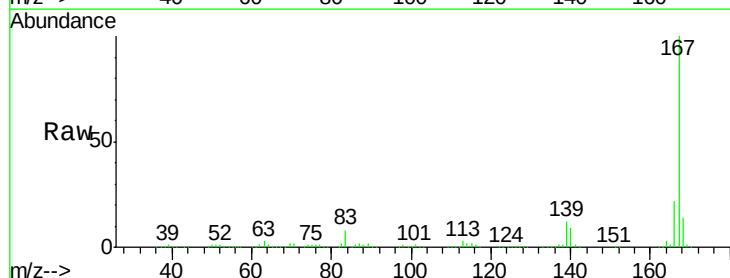


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

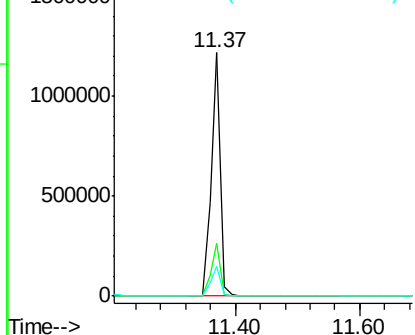
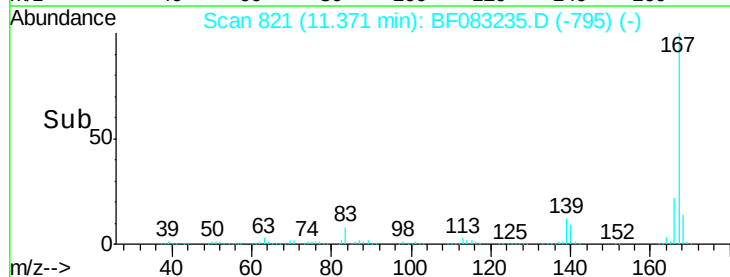


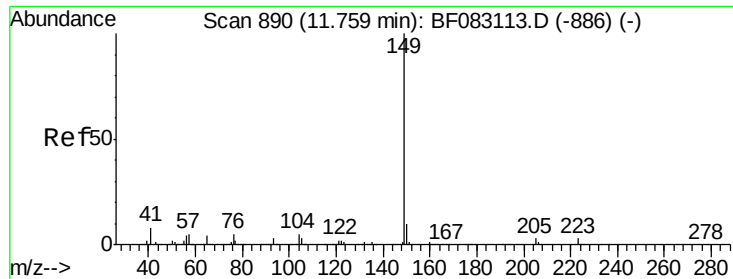
#72
 Carbazole
 Concen: 33.01 ng
 RT: 11.37 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion:167 Resp: 1208136
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.0 27.0
 139 12.4 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 30.85 ng

RT: 11.71 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

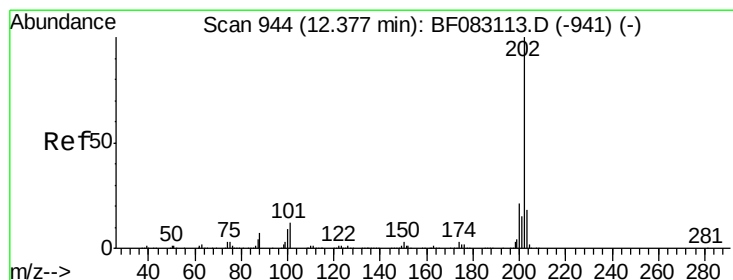
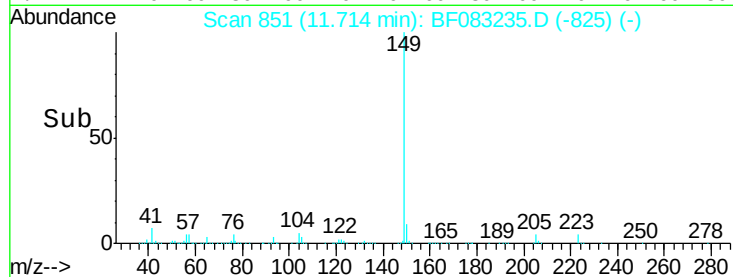
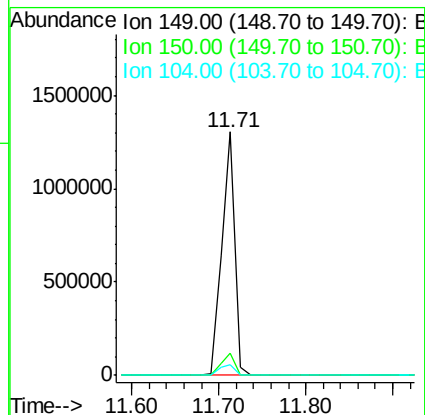
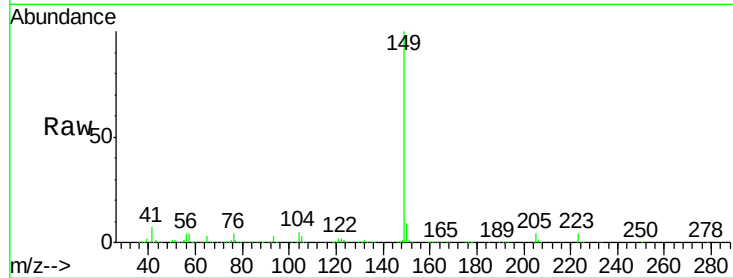
ClientSampleId :

PB86743BS

Tgt Ion:	149	Resp:	1378004
Ion Ratio	Lower	Upper	
149	100		
150	9.3	8.0	12.0
104	4.6	4.4	6.6

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#74

Fluoranthene

Concen: 30.82 ng

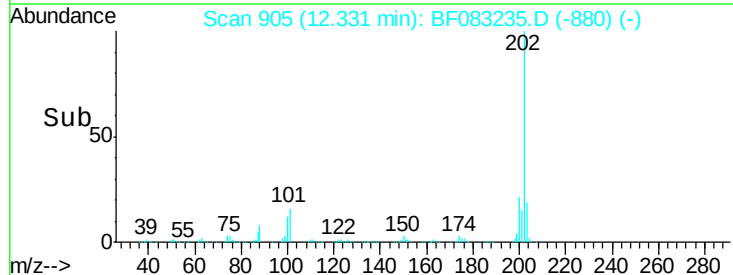
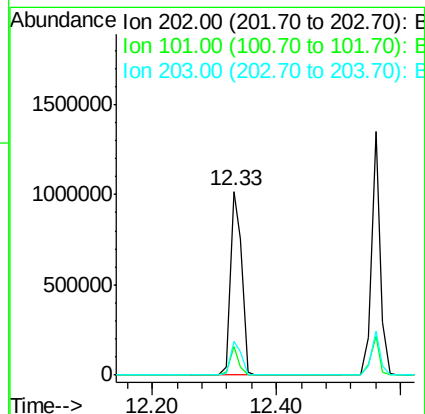
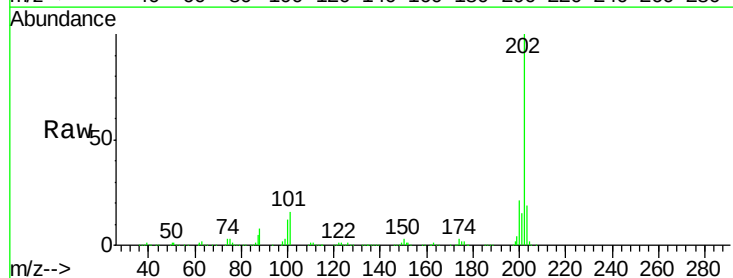
RT: 12.33 min Scan# 905

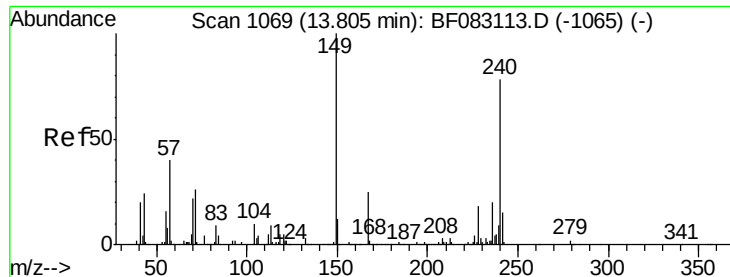
Delta R.T. -0.01 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion:	202	Resp:	1272917
Ion Ratio	Lower	Upper	
202	100		
101	15.8	0.0	32.3
203	18.6	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PB86743BS

Tgt Ion:240 Resp: 592027
Ion Ratio Lower Upper

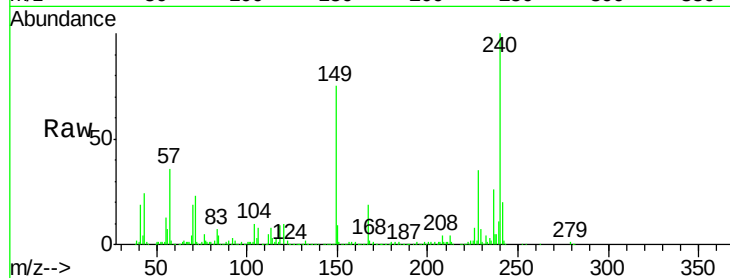
240 100

120 10.4 5.4 8.2#

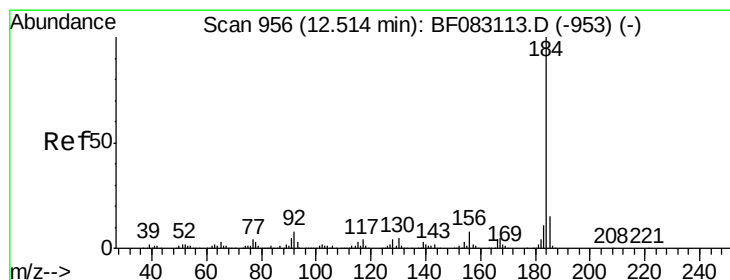
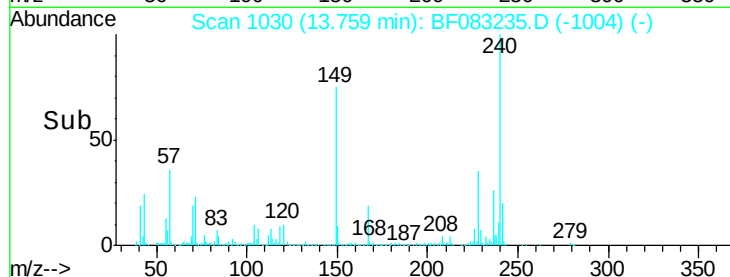
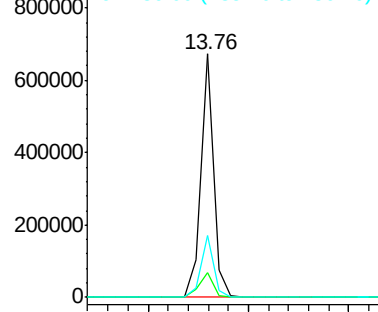
236 25.5 20.6 31.0

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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: 34.83 ng

RT: 12.47 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF083235.D

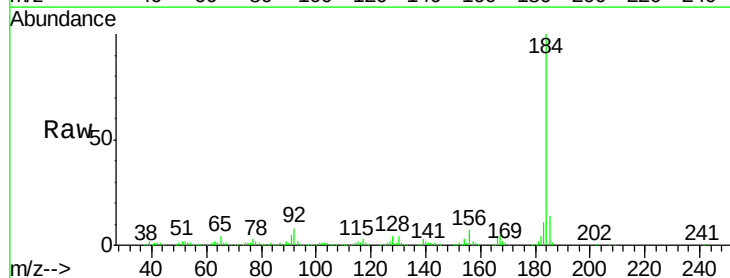
Acq: 24 Nov 2015 14:22

Tgt Ion:184 Resp: 540373
Ion Ratio Lower Upper

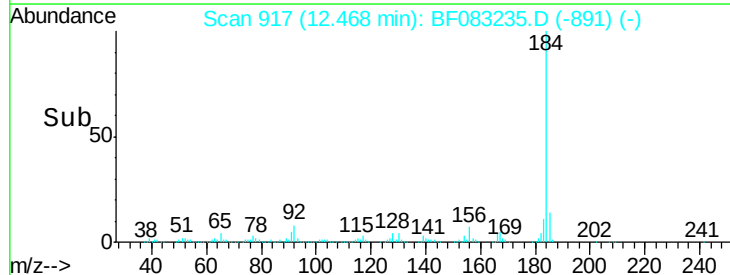
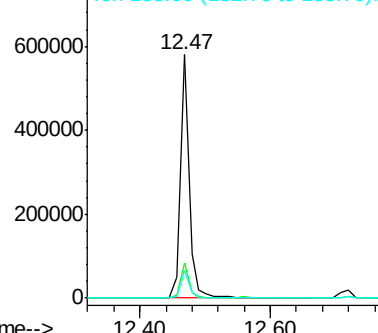
184 100

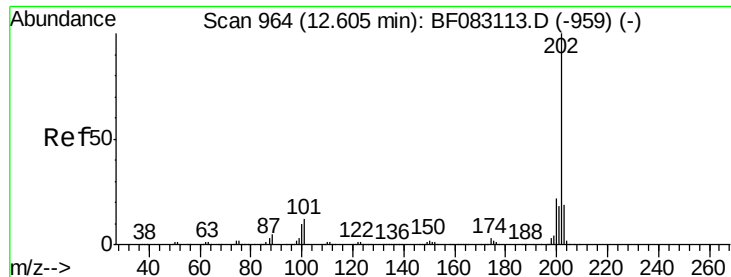
185 14.3 11.7 17.5

183 11.2 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

Pyrene

Concen: 31.72 ng

RT: 12.56 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PB86743BS

Tgt Ion:202 Resp: 1283156

Ion Ratio Lower Upper

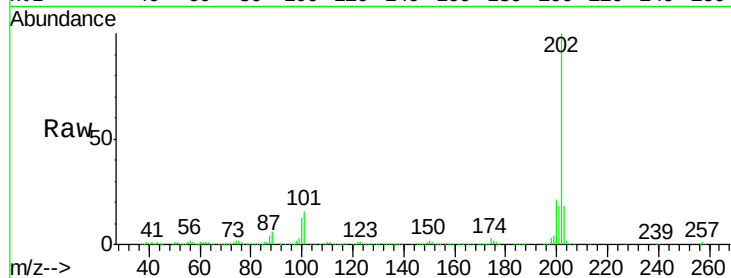
202 100

200 21.3 17.8 26.6

203 18.1 15.0 22.4

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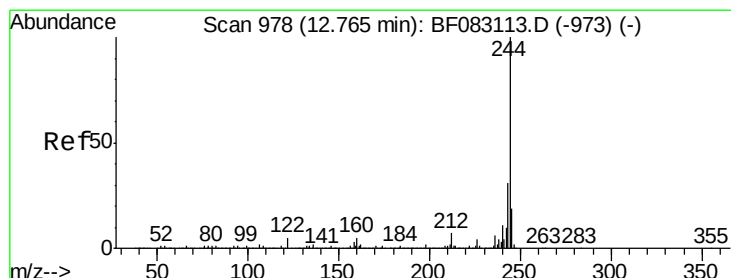
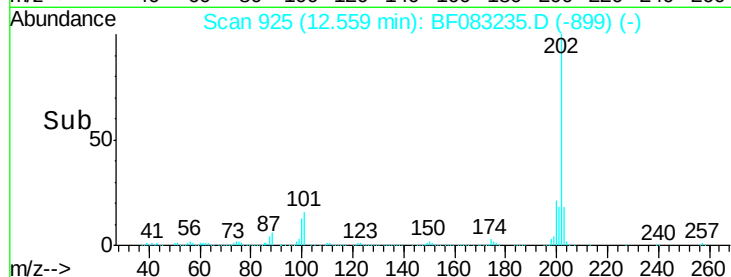
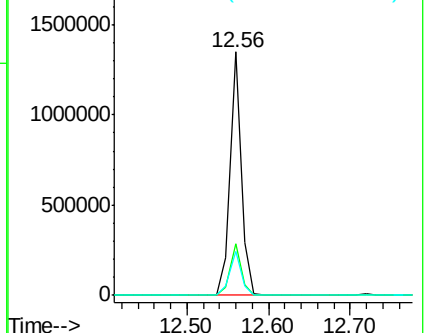
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.47 ng

RT: 12.72 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

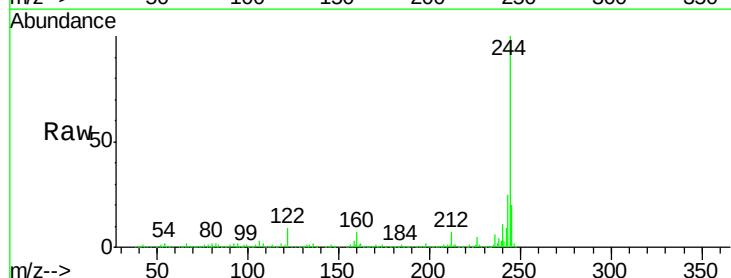
Tgt Ion:244 Resp: 1696153

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

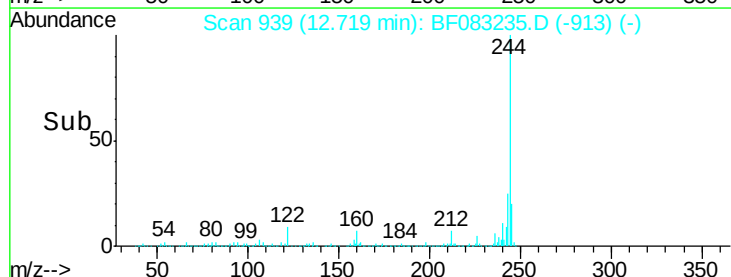
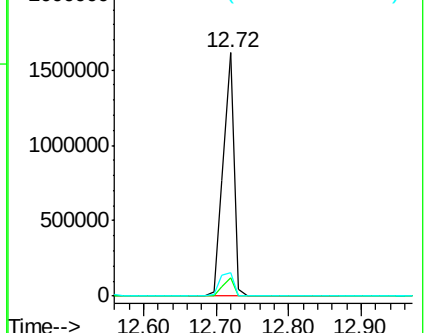
122 9.4 4.3 6.5#

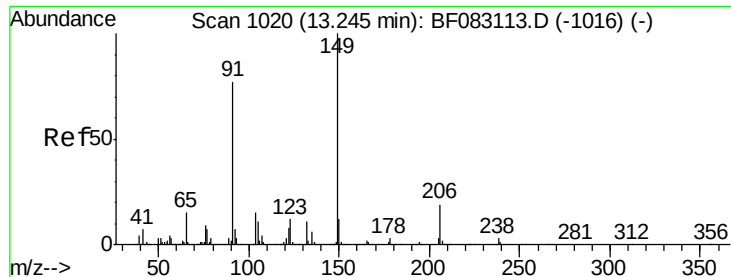


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





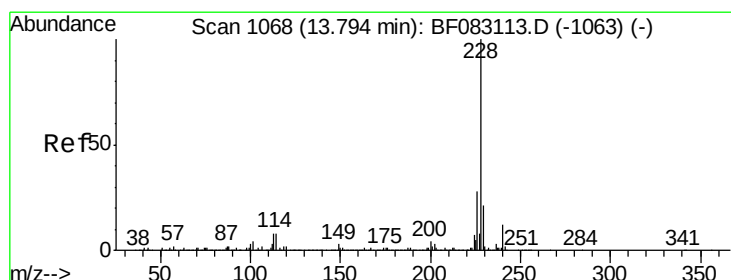
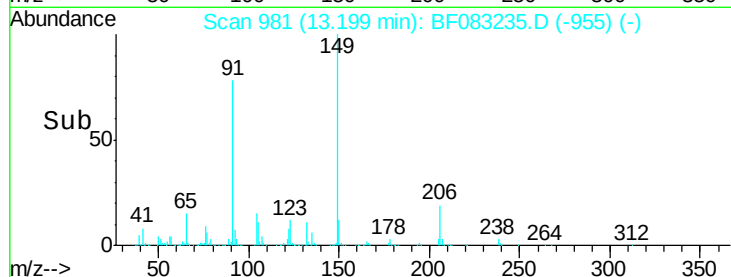
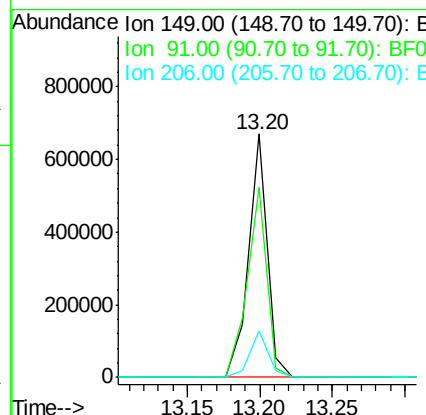
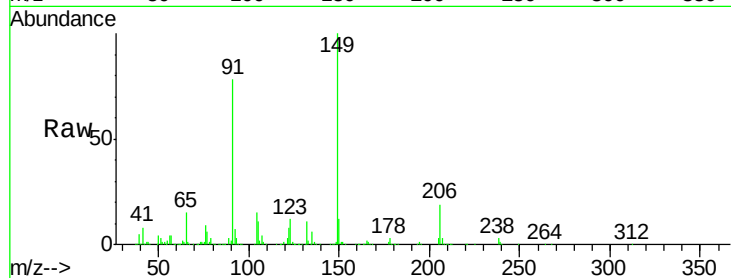
#79
Butylbenzylphthalate
Concen: 31.32 ng
RT: 13.20 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB86743BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	599549		
91	77.9	61.5	92.3	
206	19.3	15.3	22.9	

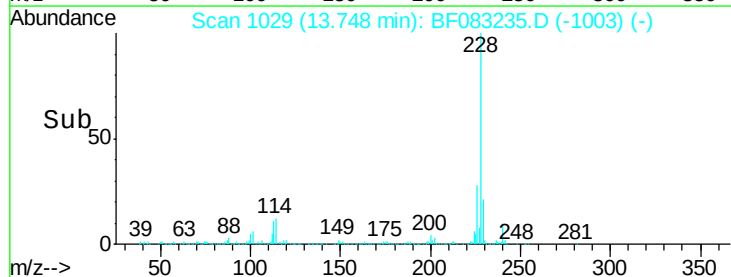
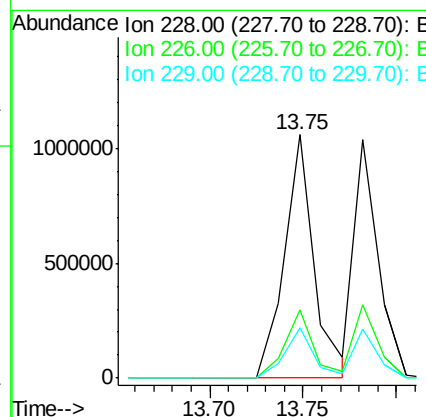
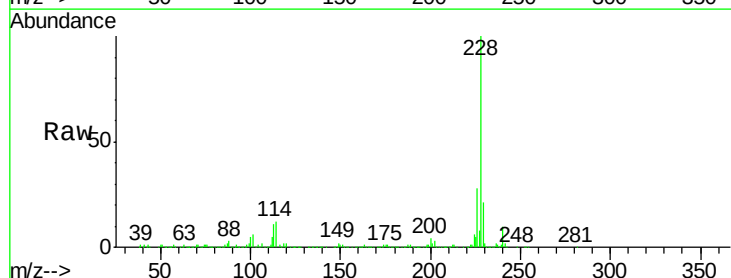
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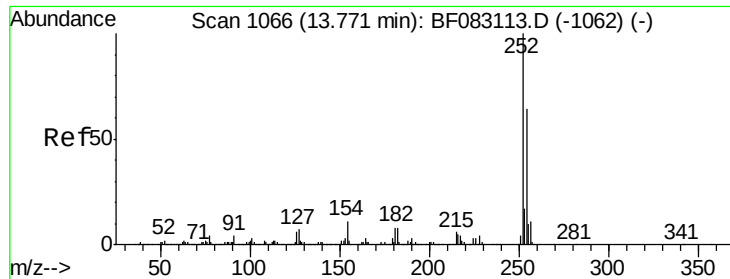
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#80
Benzo(a)anthracene
Concen: 32.10 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1175205		
226	28.2	22.6	33.8	
229	20.7	16.6	24.8	





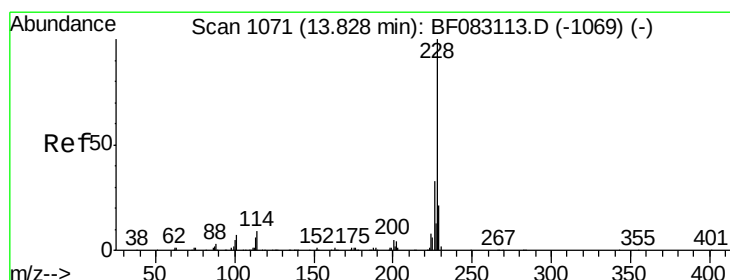
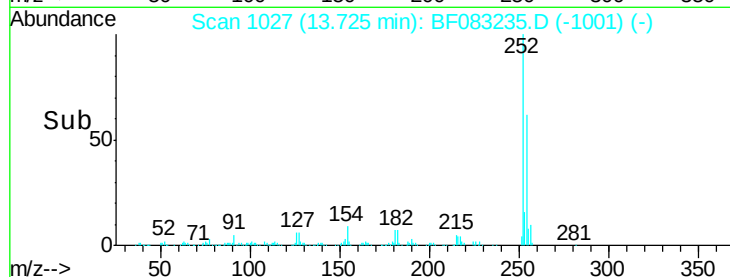
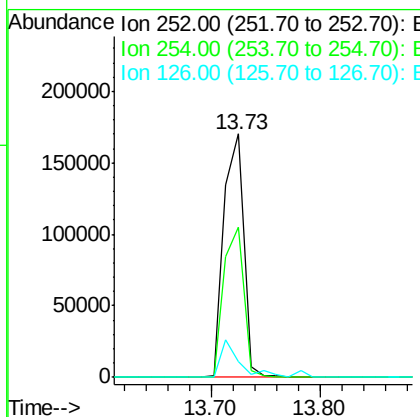
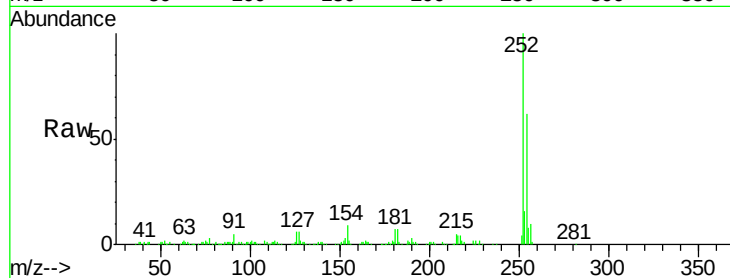
#81
 3,3'-Dichlorobenzidine
 Concen: 17.06 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	217457		
254	61.8	51.5	77.3	
126	6.2	5.2	7.8	

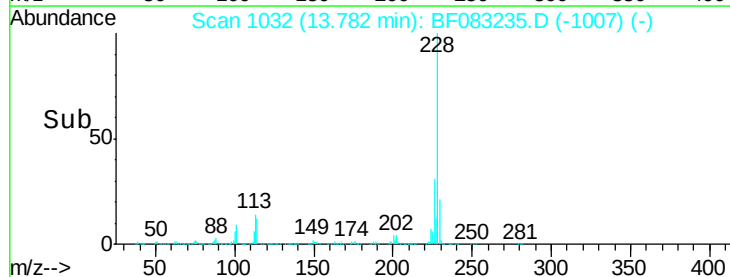
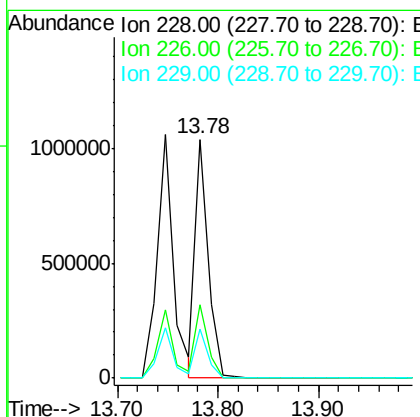
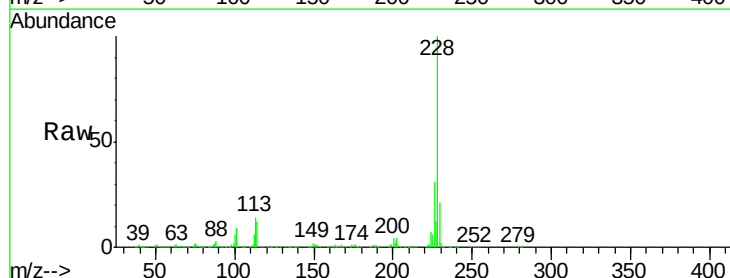
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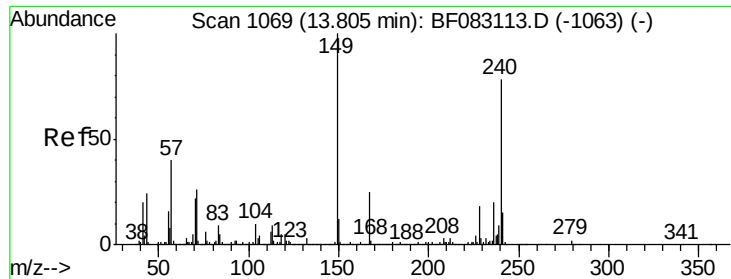
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#82
 Chrysene
 Concen: 27.91 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	947682		
226	30.9	25.5	38.3	
229	20.6	16.6	25.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.71 ng

RT: 13.77 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

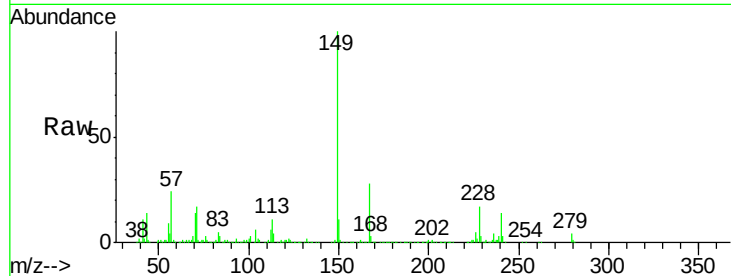
ClientSampleId :

PB86743BS

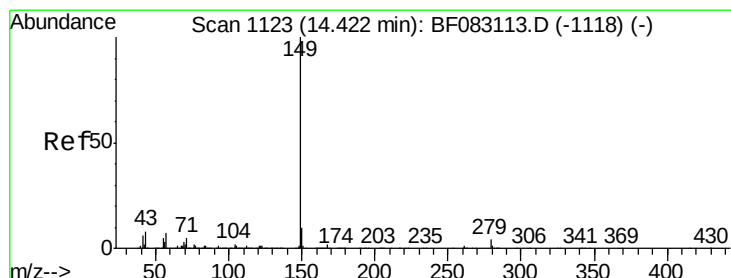
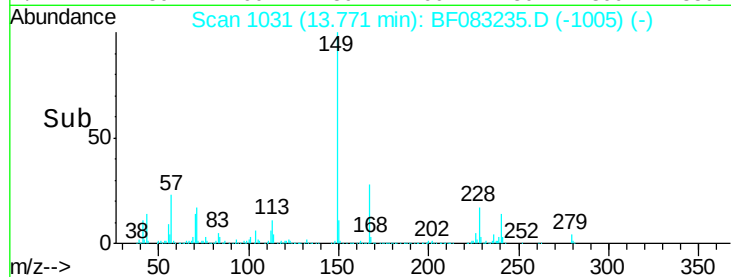
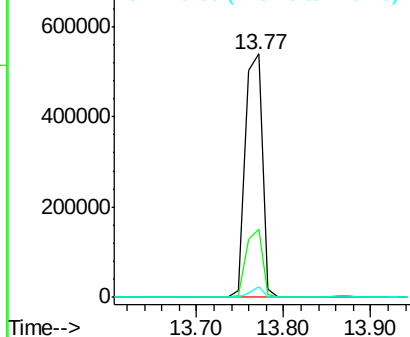
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	742718		
167	28.1	20.1	30.1	
279	4.5	1.7	2.5	

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



#84

Di-n-octyl phthalate

Concen: 26.04 ng

RT: 14.38 min Scan# 1084

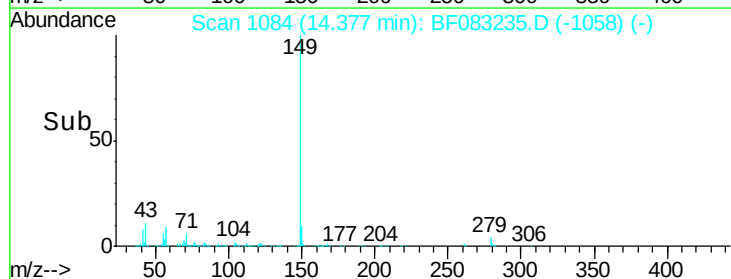
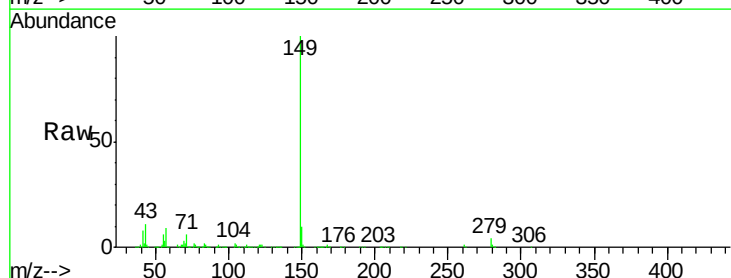
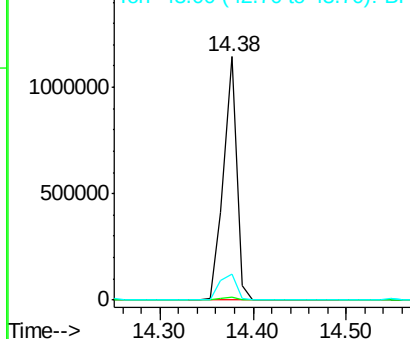
Delta R.T. -0.00 min

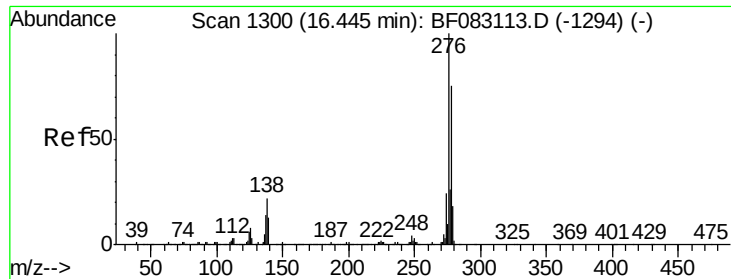
Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1120895		
167	1.6	1.2	1.8	
43	13.5	9.5	14.3	

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





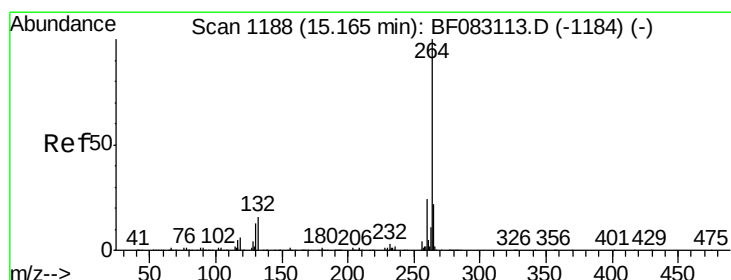
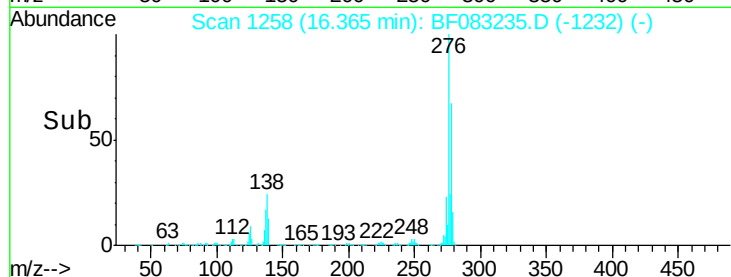
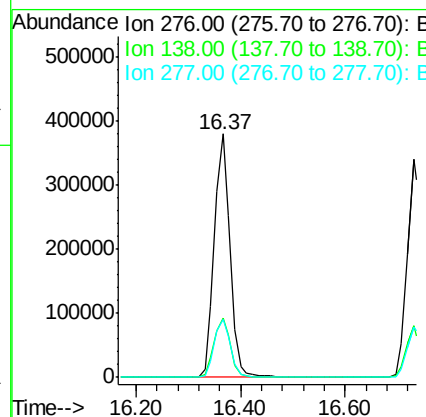
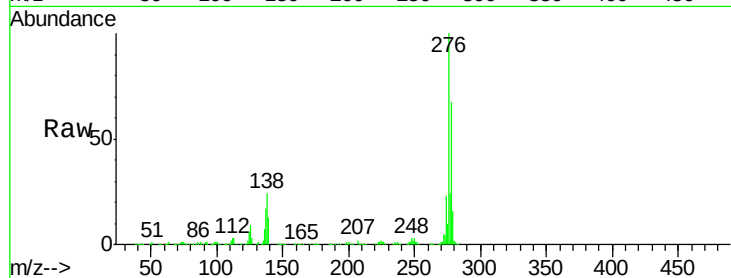
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.85 ng
 RT: 16.37 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	18.0	27.0
277	24.6	20.2	30.4

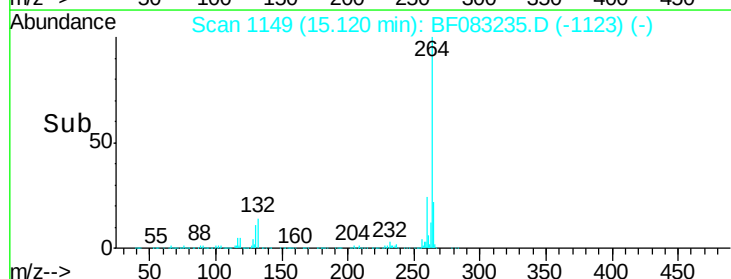
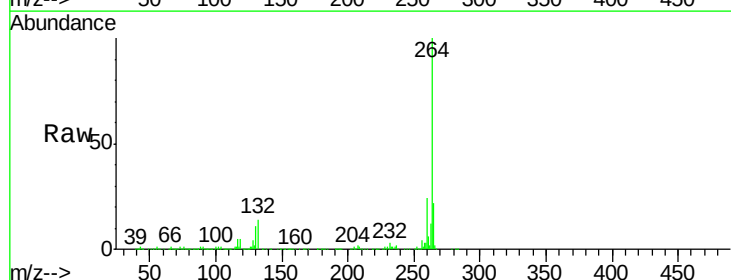
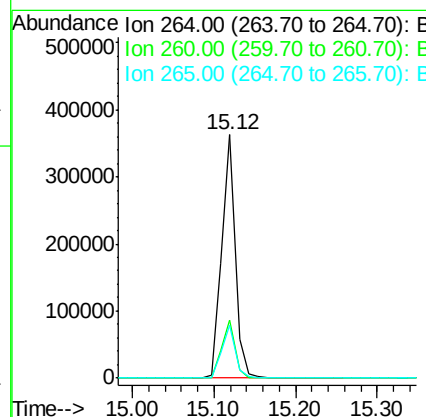
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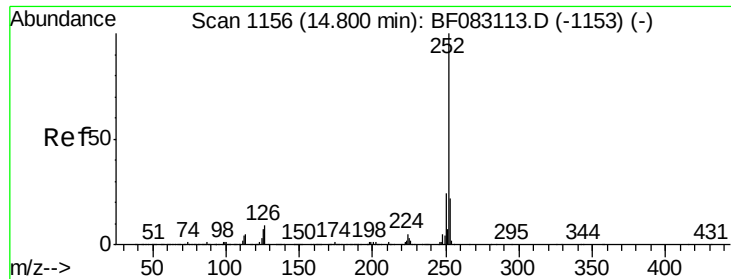
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 11/25/2015 12:54:27 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.8	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 34.26 ng m

RT: 14.75 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Instrument :

BNA_F

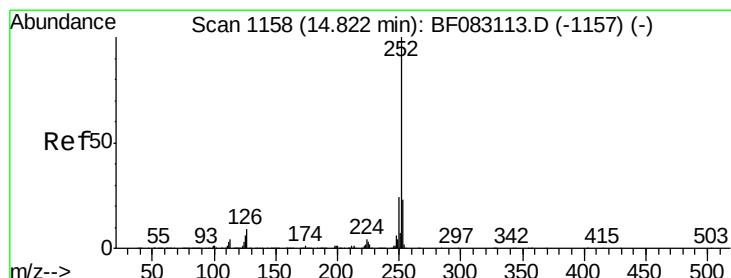
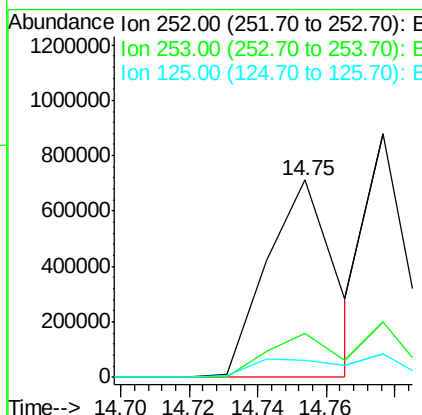
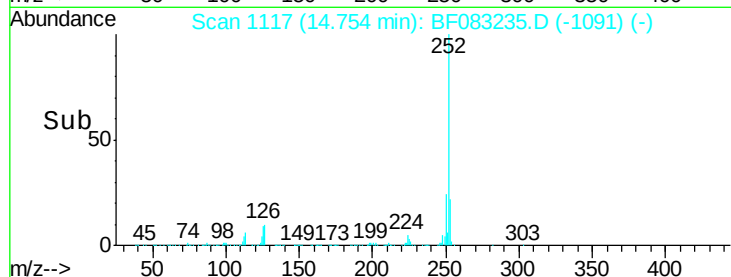
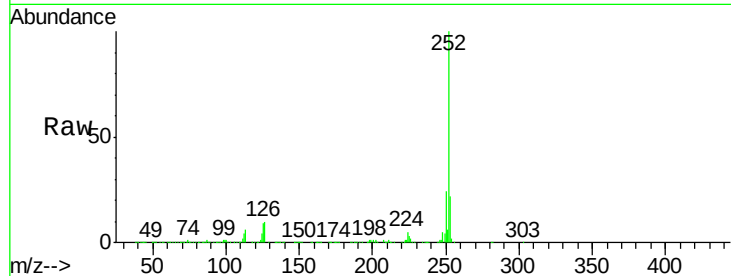
ClientSampleId :

PB86743BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	8.7	5.6	8.4

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#88

Benzo(k)fluoranthene

Concen: 33.20 ng m

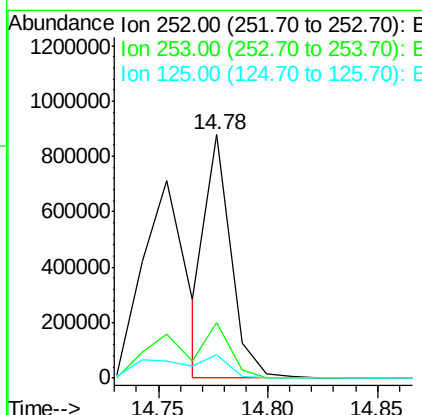
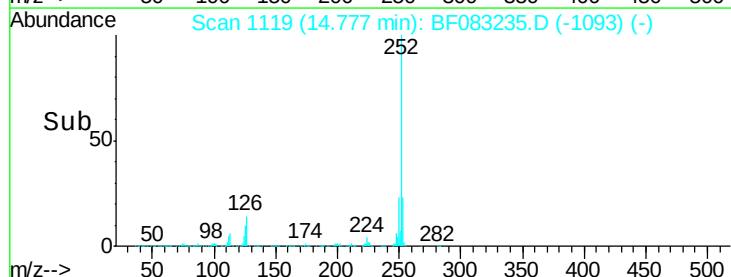
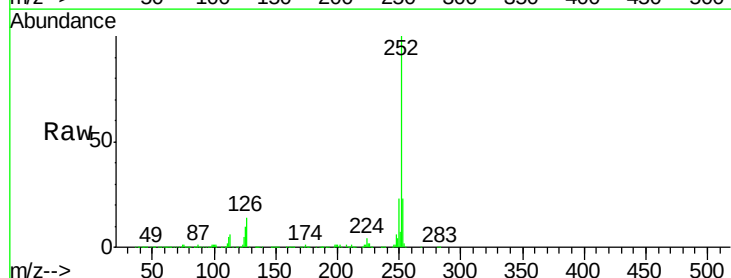
RT: 14.78 min Scan# 1119

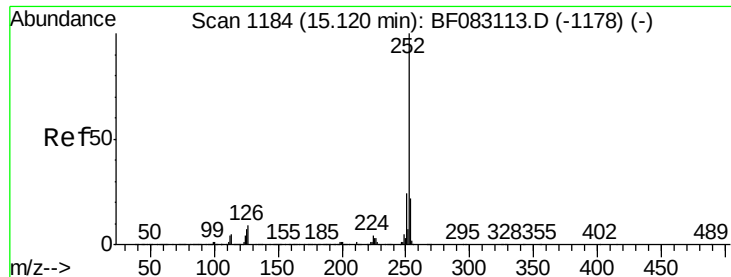
Delta R.T. -0.00 min

Lab File: BF083235.D

Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.8	6.8	10.2





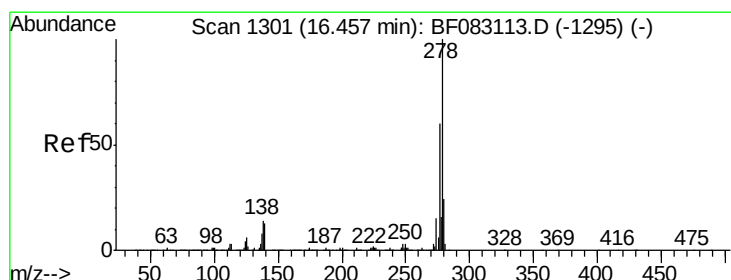
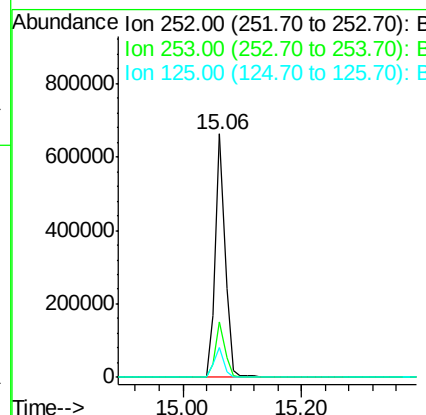
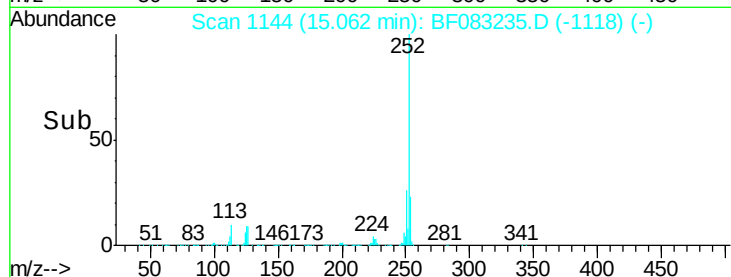
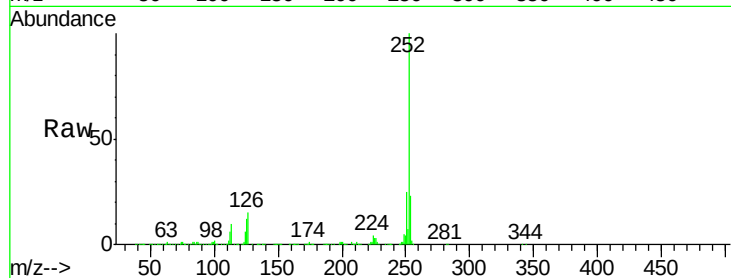
#89
Benzo(a)pyrene
Concen: 32.35 ng
RT: 15.06 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB86743BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.1	5.4	8.0

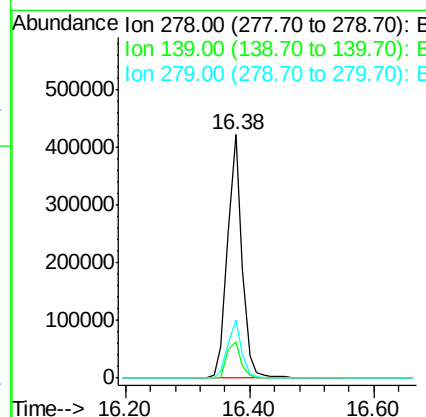
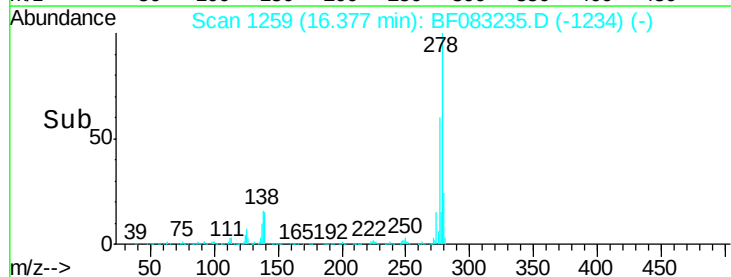
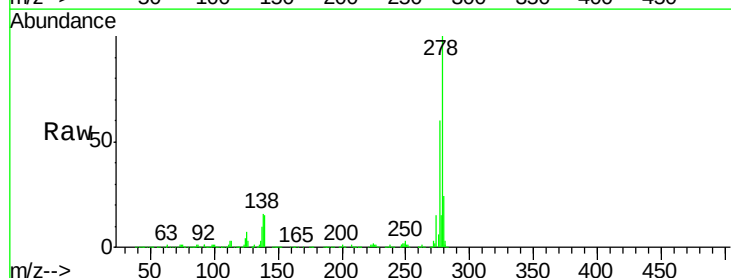
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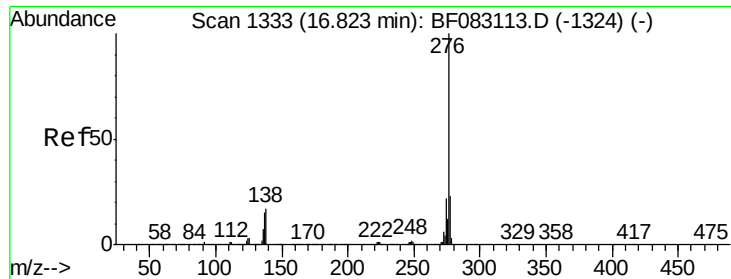
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#90
Dibenzo(a,h)anthracene
Concen: 31.90 ng
RT: 16.38 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF083235.D
Acq: 24 Nov 2015 14:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	10.7	16.1
279	23.9	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 32.62 ng
 RT: 16.73 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF083235.D
 Acq: 24 Nov 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.7	28.1
138	23.7	13.9	20.9

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