

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082596.D
 Acq On : 31 Oct 2015 2:59
 Operator : UM/IZ
 Sample : PB86326BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

Manual Integrations
 APPROVED

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 11/2/2015 4:32:12 PM

Quant Time: Oct 31 04:10:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	192332	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	734536	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	394377	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	718985	20.00	ng	0.00
75) Chrysene-d12	14.08	240	577613	20.00	ng	0.00
86) Perylene-d12	15.52	264	425778	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1075204	84.20	ng	0.01
7) Phenol-d6	6.53	99	1335561	78.73	ng	0.00
23) Nitrobenzene-d5	7.47	82	1464582	81.42	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	336294	77.92	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2216740	79.81	ng	0.00
78) Terphenyl-d14	13.03	244	1917324	72.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	186636	31.62	ng	# 89
3) Pyridine	3.34	79	510151	29.47	ng	94
4) n-Nitrosodimethylamine	3.29	42	328571	33.72	ng	99
6) Aniline	6.56	93	558793	23.66	ng	91
8) 2-Chlorophenol	6.69	128	508620	36.81	ng	100
9) Benzaldehyde	6.44	77	227174	19.62	ng	96
10) Phenol	6.54	94	730614	38.01	ng	100
11) bis(2-Chloroethyl)ether	6.64	93	491244	34.64	ng	97
12) 1,3-Dichlorobenzene	6.84	146	527420	33.47	ng	99
13) 1,4-Dichlorobenzene	6.92	146	595890	38.14	ng	98
14) 1,2-Dichlorobenzene	7.08	146	533508	36.78	ng	98
15) Benzyl Alcohol	7.05	79	632120	39.96	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	861669	38.23	ng	99
17) 2-Methylphenol	7.16	107	476443	40.56	ng	98
18) Hexachloroethane	7.42	117	226053	37.07	ng	94
19) n-Nitroso-di-n-propylamine	7.32	70	427312	33.23	ng	99
20) 3+4-Methylphenols	7.31	107	535114	35.05	ng	95
22) Acetophenone	7.31	105	801891	37.08	ng	# 78
24) Nitrobenzene	7.48	77	608712	33.48	ng	# 85
25) Isophorone	7.73	82	1216409	36.76	ng	98
26) 2-Nitrophenol	7.80	139	237543	35.76	ng	98
27) 2,4-Dimethylphenol	7.85	122	512643	39.54	ng	100
28) bis(2-Chloroethoxy)methane	7.94	93	642079	35.47	ng	97
29) 2,4-Dichlorophenol	8.05	162	467640	39.57	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	457533	34.89	ng	99
31) Naphthalene	8.21	128	1394709	35.09	ng	100
32) Benzoic acid	7.96	122	325122	34.57	ng	98
33) 4-Chloroaniline	8.26	127	229982m	13.55	ng	
34) Hexachlorobutadiene	8.34	225	305991	36.69	ng	99
35) Caprolactam	8.62	113	140101	38.64	ng	97
36) 4-Chloro-3-methylphenol	8.74	107	528812	38.00	ng	99
37) 2-Methylnaphthalene	8.91	142	1048716	40.71	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	485762	36.91	ng	97
40) Hexachlorocyclopentadiene	9.07	237	682384	82.48	ng	99

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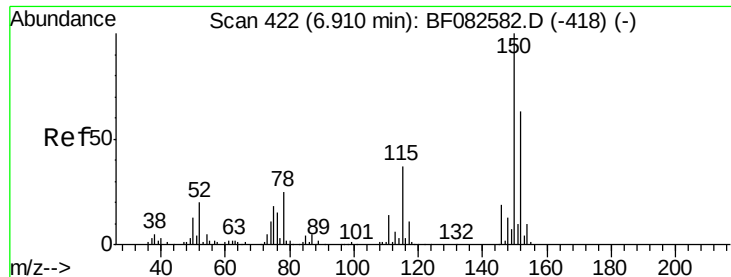
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	356468	37.51	ng	98
43) 2,4,5-Trichlorophenol	9.22	196	322933	34.11	ng	94
45) 1,1'-Biphenyl	9.38	154	1203996	36.14	ng	98
46) 2-Chloronaphthalene	9.40	162	979098	37.64	ng	96
47) 2-Nitroaniline	9.48	65	338800	33.51	ng	99
48) Acenaphthylene	9.81	152	1566688	37.66	ng	100
49) Dimethylphthalate	9.68	163	1194617	37.09	ng	100
50) 2,6-Dinitrotoluene	9.73	165	282001	42.24	ng	87
51) Acenaphthene	9.98	154	1065938	40.36	ng	99
52) 3-Nitroaniline	9.89	138	139925	18.84	ng	85
53) 2,4-Dinitrophenol	10.00	184	222770	64.09	ng	# 56
54) Dibenzofuran	10.16	168	1255862	35.04	ng	98
55) 4-Nitrophenol	10.05	139	362783	64.92	ng	# 65
56) 2,4-Dinitrotoluene	10.13	165	343089	38.00	ng	# 94
57) Fluorene	10.50	166	1050994	36.35	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	288580	36.06	ng	99
59) Diethylphthalate	10.38	149	1263284	38.53	ng	99
60) 4-Chlorophenyl-phenylether	10.50	204	523811	37.28	ng	96
61) 4-Nitroaniline	10.51	138	228757	32.28	ng	99
62) Azobenzene	10.65	77	1404873	37.99	ng	83
64) 4,6-Dinitro-2-methylphenol	10.54	198	175438	40.46	ng	79
65) n-Nitrosodiphenylamine	10.61	169	1006836	40.74	ng	100
66) 4-Bromophenyl-phenylether	10.98	248	295312	36.24	ng	# 62
67) Hexachlorobenzene	11.05	284	330546	36.59	ng	# 90
68) Atrazine	11.14	200	305990	37.84	ng	99
69) Pentachlorophenol	11.24	266	470651	79.00	ng	99
70) Phenanthrene	11.46	178	1482856	36.57	ng	99
71) Anthracene	11.52	178	1648616	40.38	ng	98
72) Carbazole	11.67	167	1472846	41.41	ng	100
73) Di-n-butylphthalate	12.01	149	1894666	41.85	ng	99
74) Fluoranthene	12.65	202	1579051	38.09	ng	98
76) Benzidine	12.76	184	497561	19.10	ng	100
77) Pyrene	12.88	202	1625058	37.99	ng	99
79) Butylbenzylphthalate	13.51	149	781566	41.72	ng	91
80) Benzo(a)anthracene	14.07	228	1341924	36.57	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	212467	16.80	ng	# 95
82) Chrysene	14.10	228	1004542	30.21	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	943704	38.86	ng	# 97
84) Di-n-octyl phthalate	14.68	149	1440116	38.02	ng	100
85) Indeno(1,2,3-cd)pyrene	16.96	276	1041670	37.96	ng	99
87) Benzo(b)fluoranthene	15.11	252	978362	33.32	ng	100
88) Benzo(k)fluoranthene	15.14	252	987277m	44.14	ng	
89) Benzo(a)pyrene	15.46	252	928975	40.18	ng	99
90) Dibenzo(a,h)anthracene	16.98	278	878375	40.71	ng	# 97
91) Benzo(g,h,i)perylene	17.39	276	859686	41.12	ng	# 95

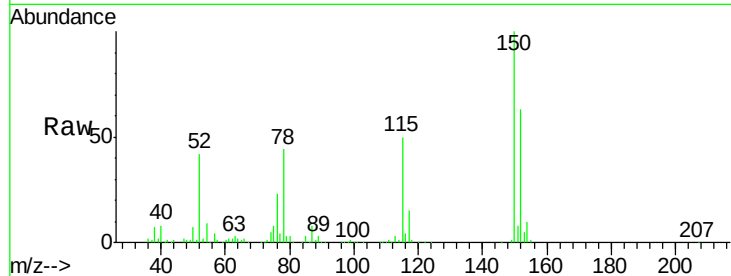
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

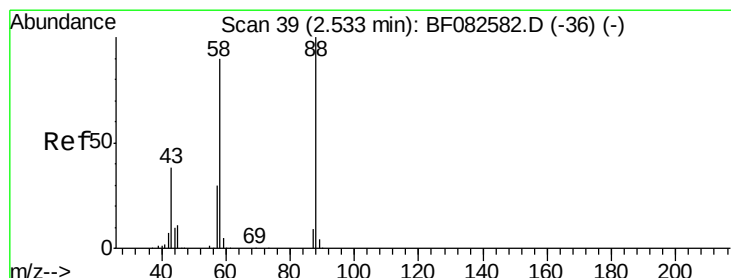
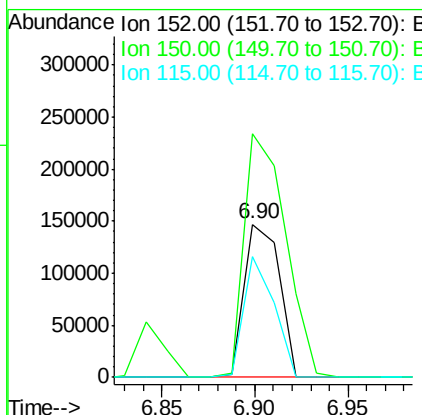
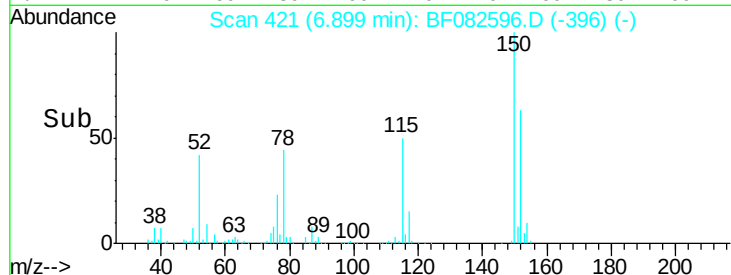
Instrument :
BNA_F
ClientSampleId :
PB86326BS



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	192332		
150	158.9	127.0	190.4	
115	79.0	47.0	70.6#	

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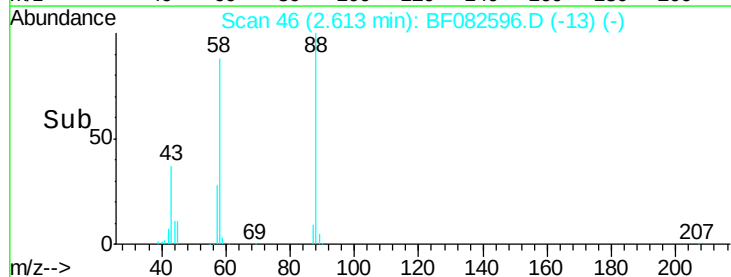
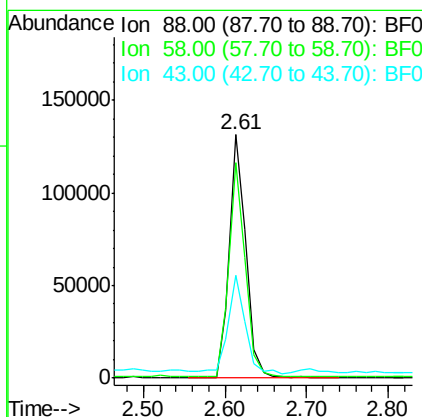
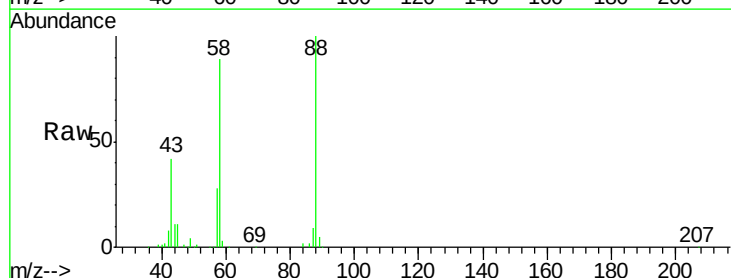
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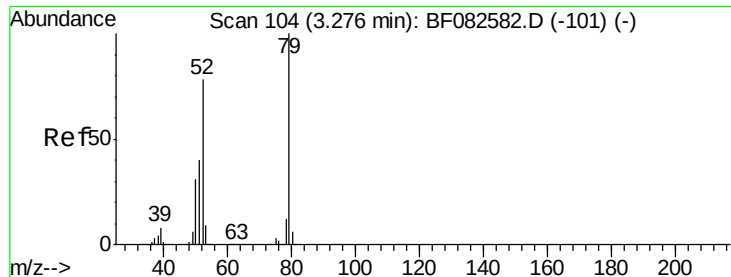


#2

1,4-Dioxane
Concen: 31.62 ng
RT: 2.61 min Scan# 46
Delta R.T. 0.08 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	186636		
58	85.9	62.0	93.0	
43	40.5	26.6	40.0#	





#3

Pyridine

Concen: 29.47 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

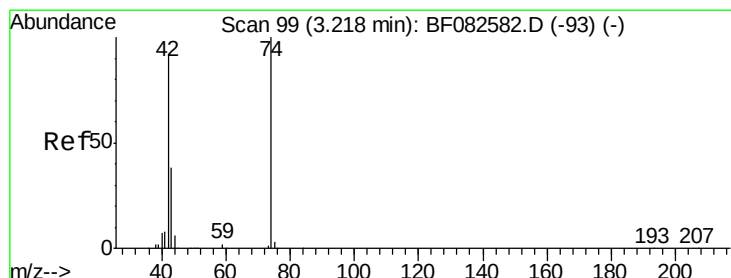
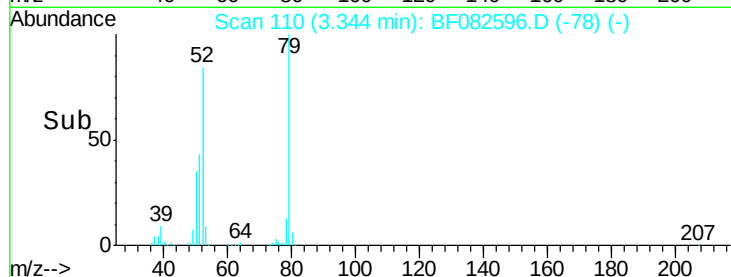
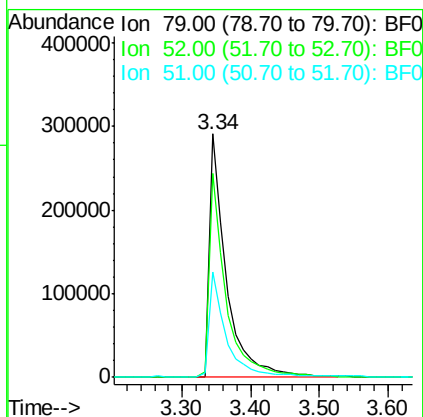
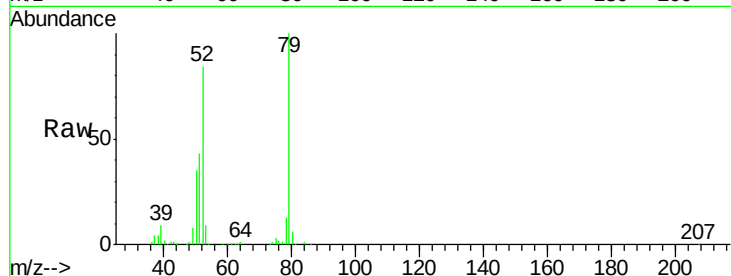
ClientSampleId :

PB86326BS

Manual Integrations
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	83.6	62.8	94.2
51	43.1	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 33.72 ng

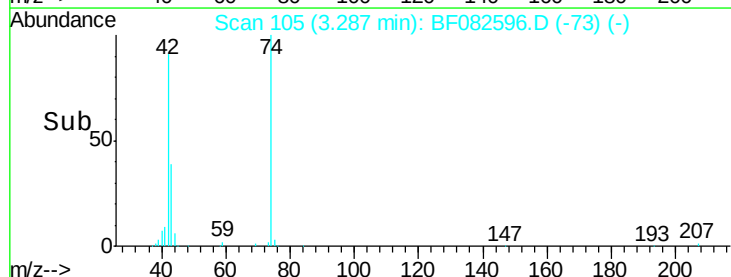
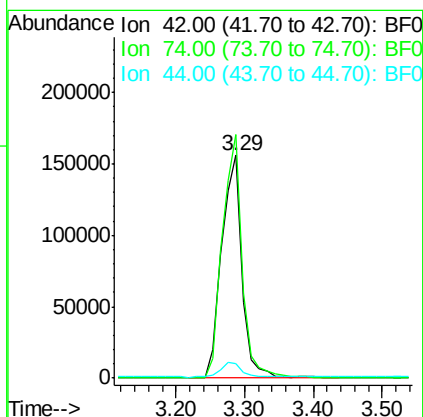
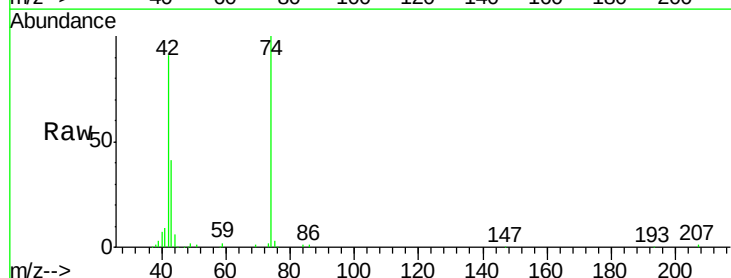
RT: 3.29 min Scan# 105

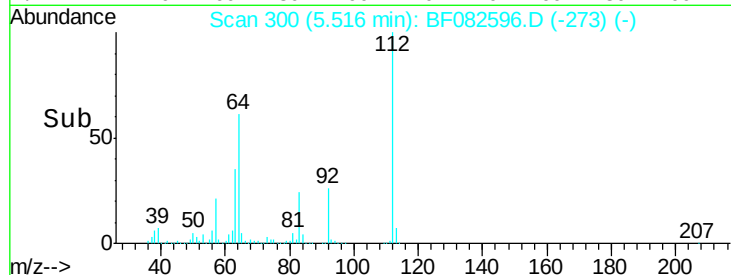
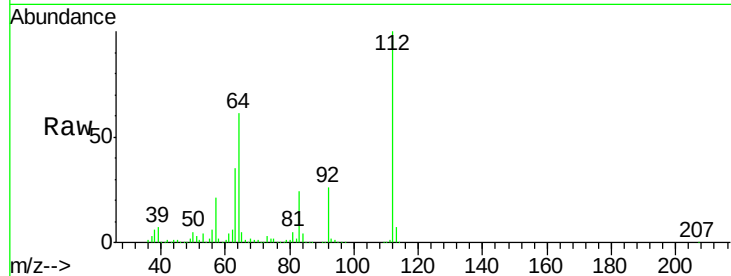
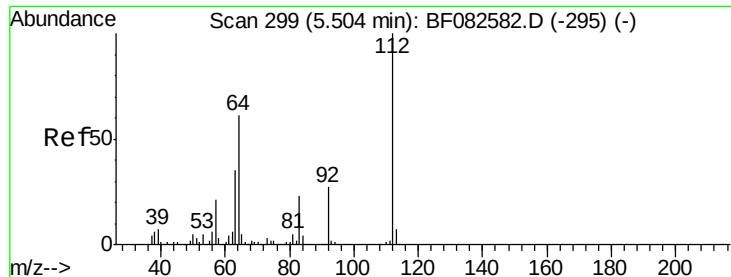
Delta R.T. 0.07 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.4	87.0	130.4
44	6.8	5.8	8.8





#5

2-Fluorophenol

Concen: 84.20 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion:	112	Resp:	1075204
Ion	Ratio	Lower	Upper
112	100		
64	60.6	48.9	73.3
63	34.6	28.1	42.1

Instrument :

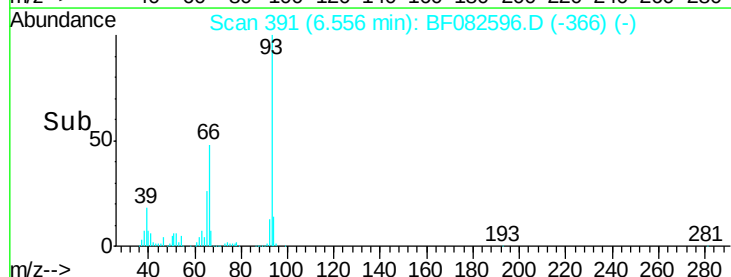
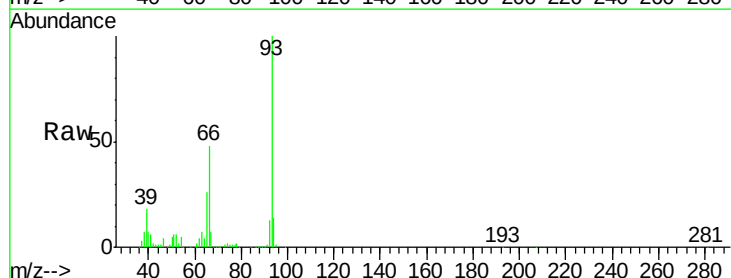
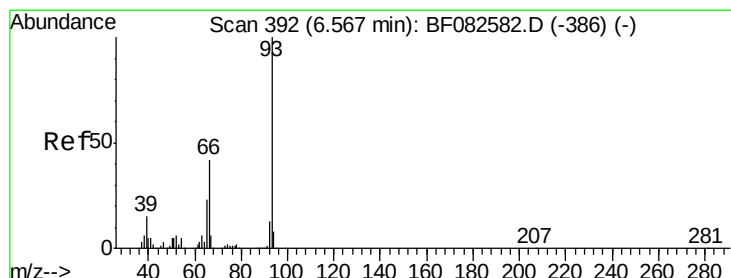
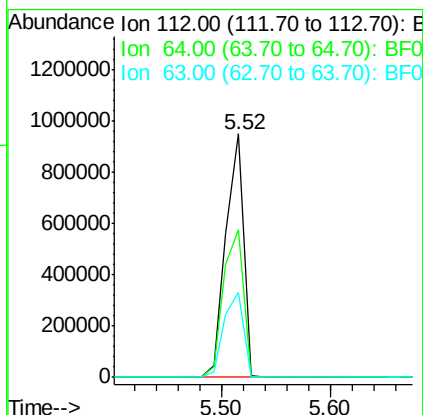
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#6

Aniline

Concen: 23.66 ng

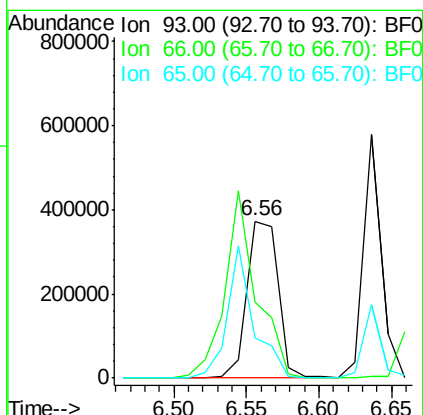
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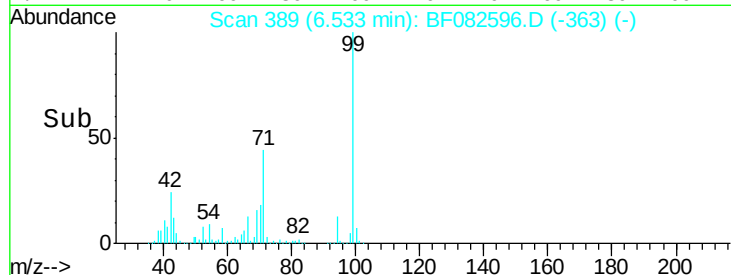
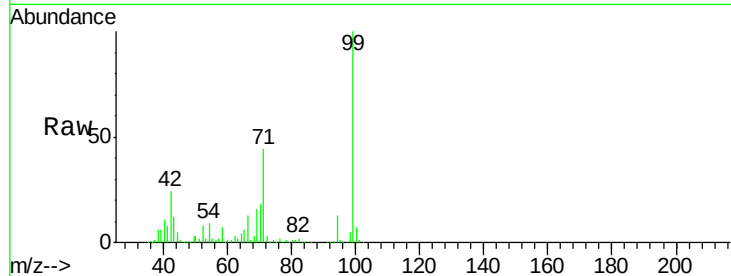
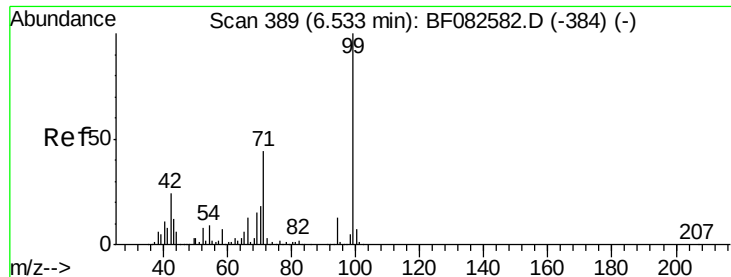
Delta R.T. -0.01 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion:	93	Resp:	558793
Ion	Ratio	Lower	Upper
93	100		
66	48.3	33.6	50.4
65	25.5	18.1	27.1





#7

Phenol-d6

Concen: 78.73 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion:	99	Resp:	1335561
Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.2	28.8
71	43.7	35.0	52.4

Instrument :

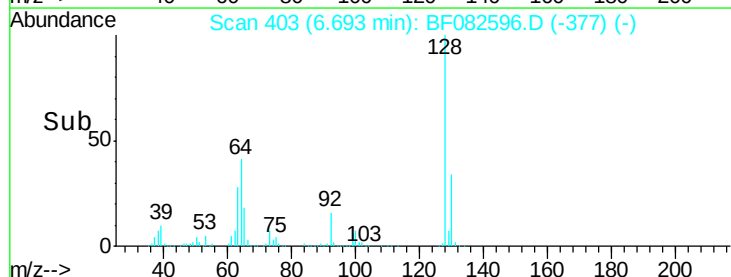
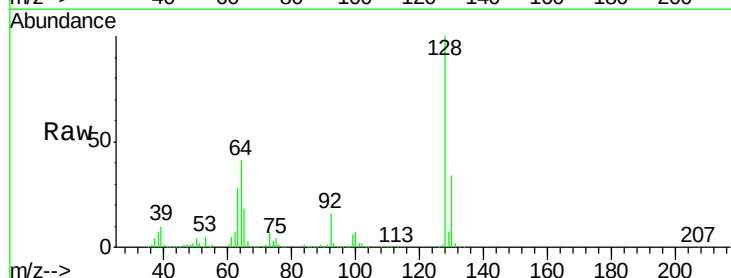
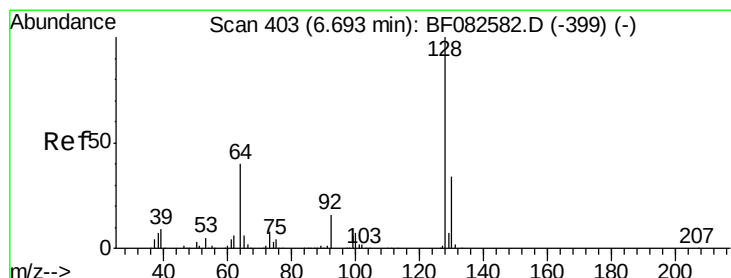
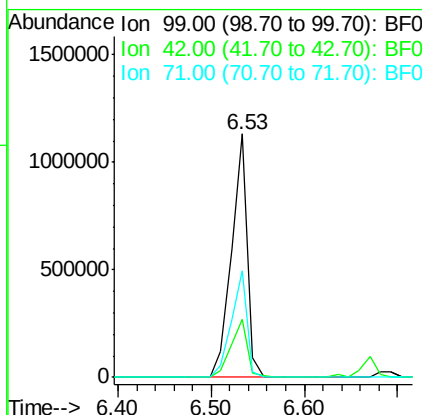
BNA_F

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#8

2-Chlorophenol

Concen: 36.81 ng

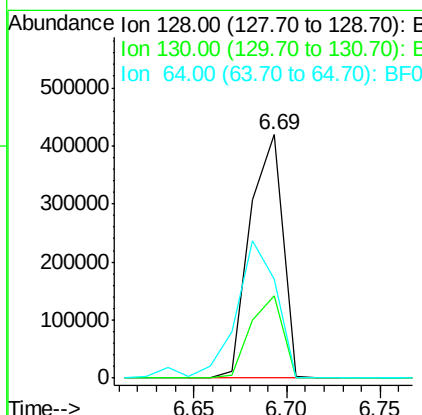
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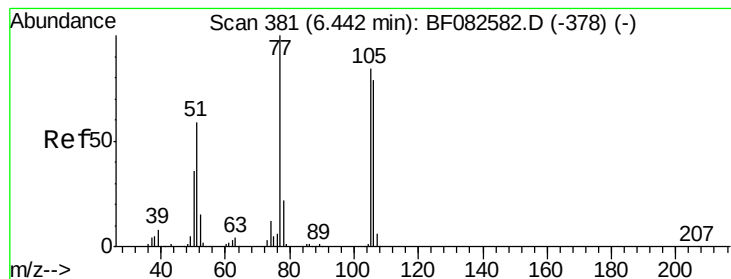
Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion:	128	Resp:	508620
Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.5	53.5
64	40.9	21.1	61.1





#9

Benzaldehyde

Concen: 19.62 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

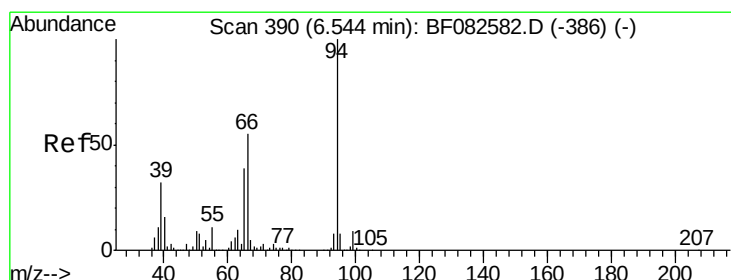
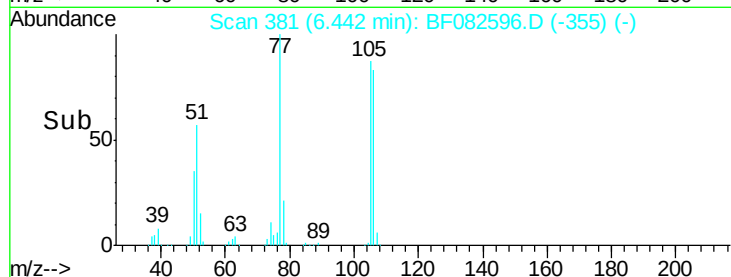
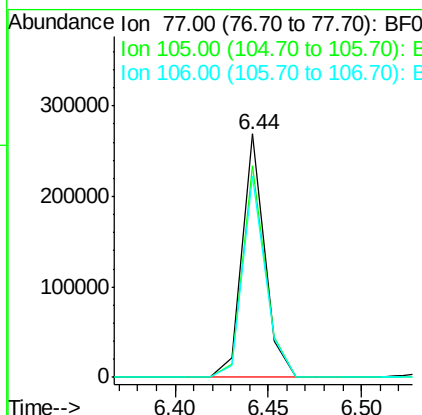
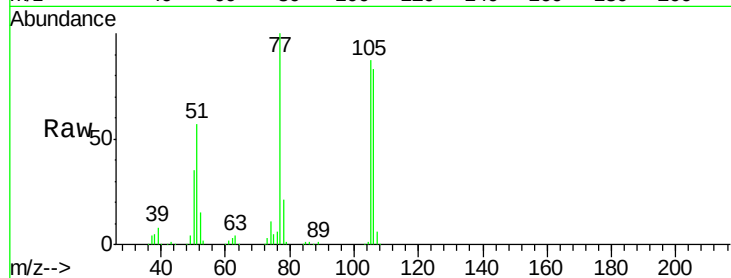
ClientSampleId :

PB86326BS

Tgt Ion:	77	Resp:	227174
Ion Ratio	Lower	Upper	
77	100		
105	86.9	63.5	103.5
106	82.9	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 38.01 ng

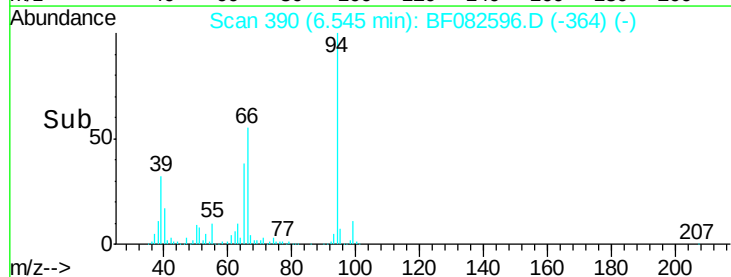
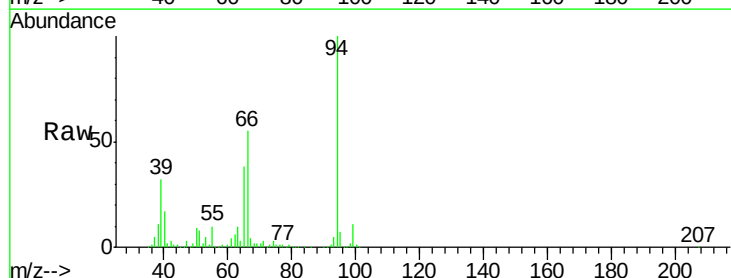
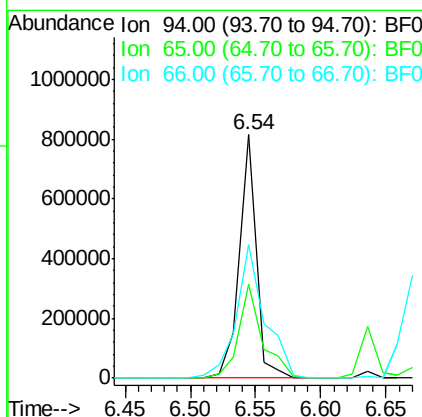
RT: 6.54 min Scan# 390

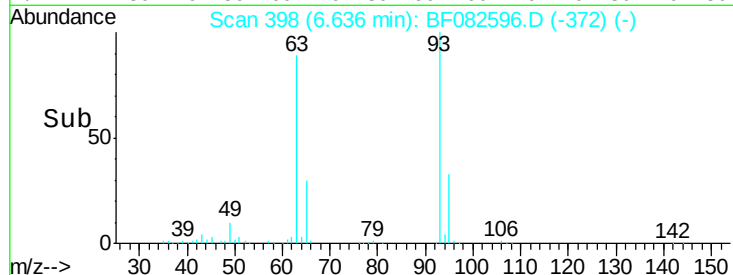
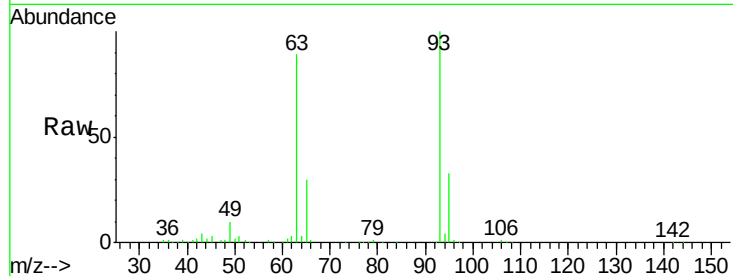
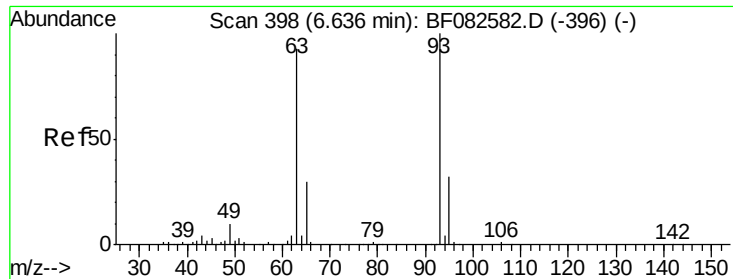
Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion:	94	Resp:	730614
Ion Ratio	Lower	Upper	
94	100		
65	38.5	18.9	58.9
66	54.7	34.9	74.9





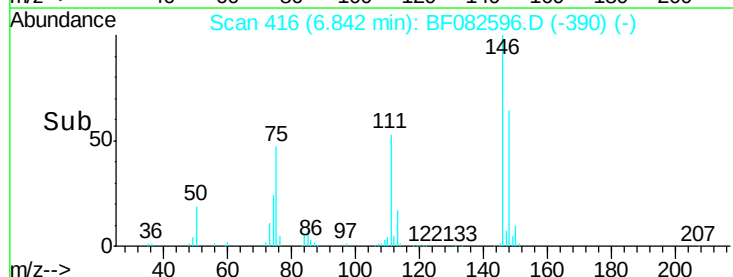
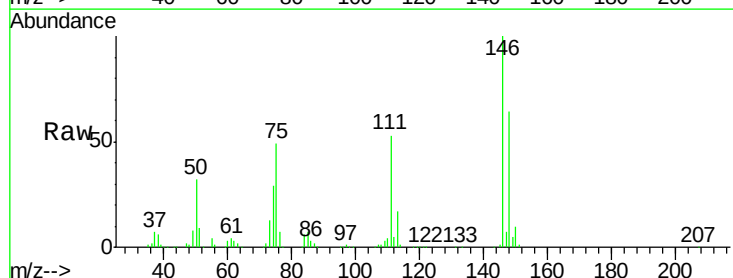
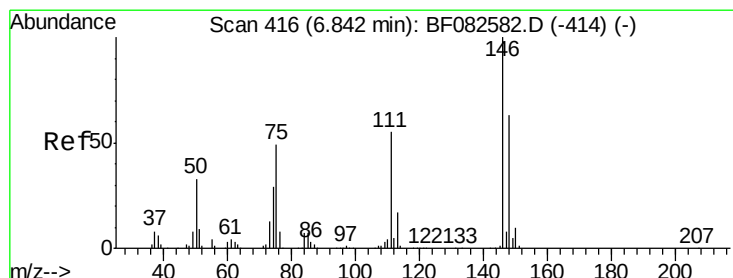
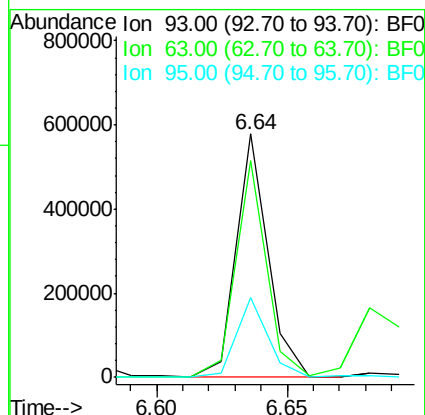
#11
bis(2-Chloroethyl)ether
Concen: 34.64 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	491244		
63	89.3	72.7	112.7	
95	32.9	12.0	52.0	

Instrument :
BNA_F
ClientSampleId :
PB86326BS

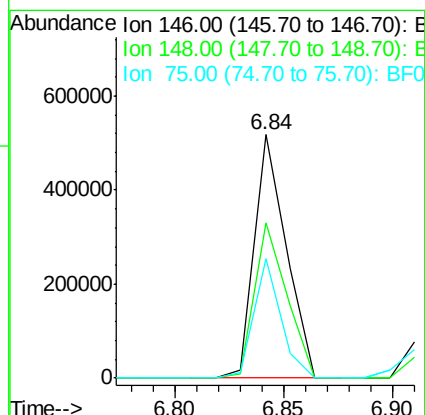
Manual Integrations
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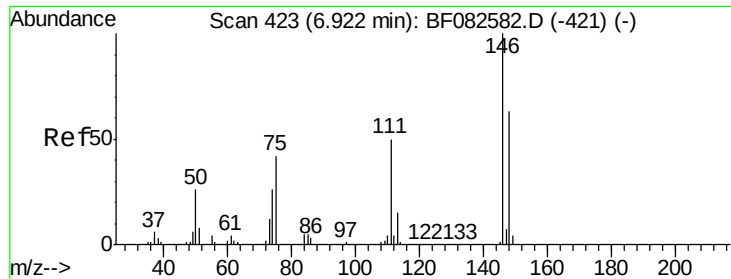
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#12
1,3-Dichlorobenzene
Concen: 33.47 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	527420		
148	63.8	50.5	75.7	
75	48.9	39.5	59.3	





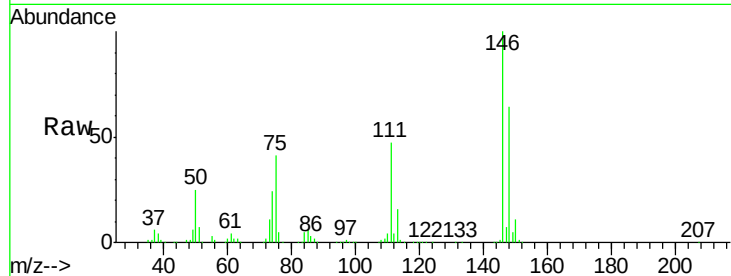
#13
 1,4-Dichlorobenzene
 Concen: 38.14 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampled :
 PB86326BS

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.8	50.8	76.2
111	47.3	40.6	60.8

Manual Integrations
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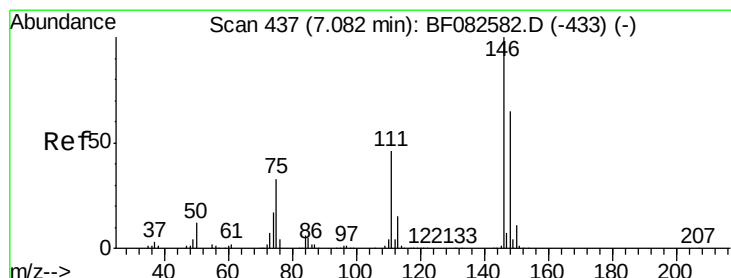
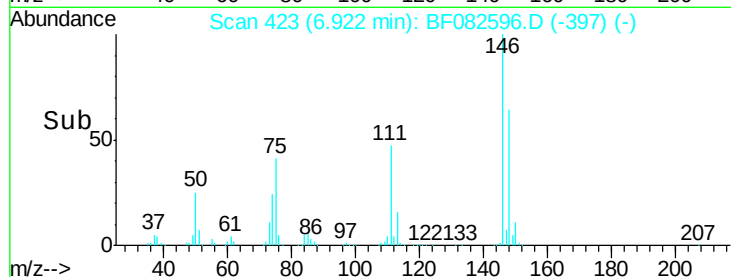
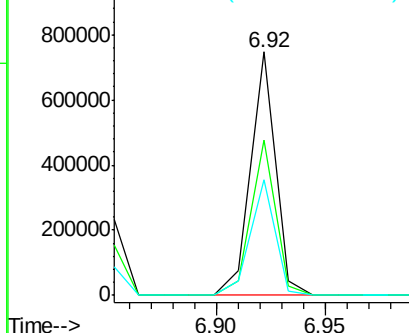


Abundance

Ion 146.00 (145.70 to 146.70): E

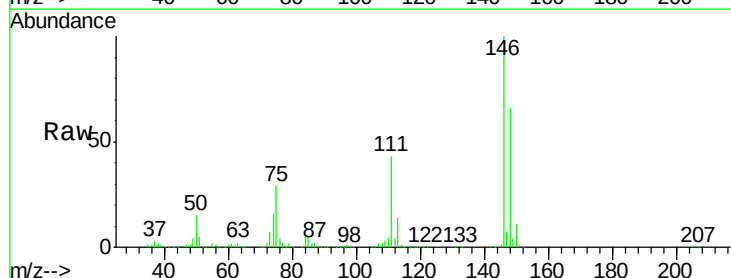
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.78 ng
 RT: 7.08 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.9	52.2	78.4
111	43.4	36.6	55.0

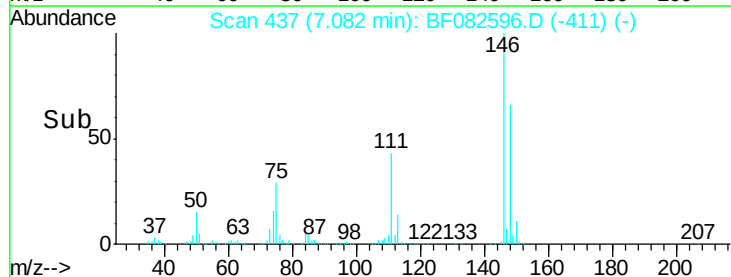
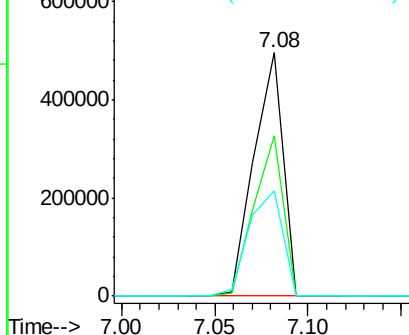


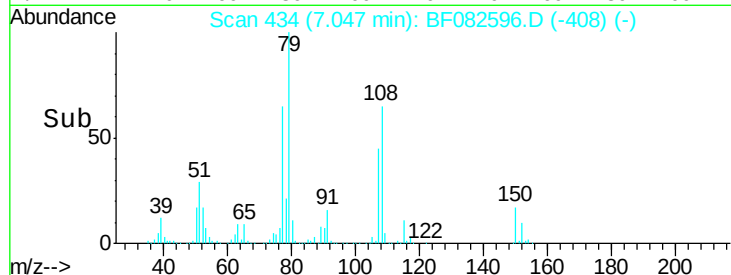
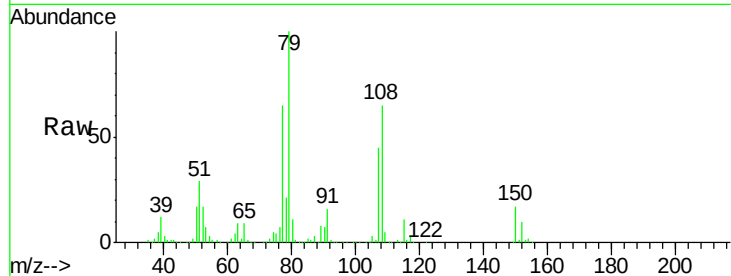
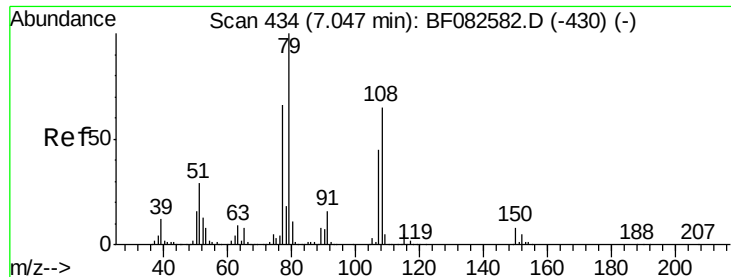
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.96 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion:	79	Resp:	632120
Ion Ratio	Lower	Upper	
79	100		
108	65.2	52.2	78.4
77	65.4	52.7	79.1

Instrument :

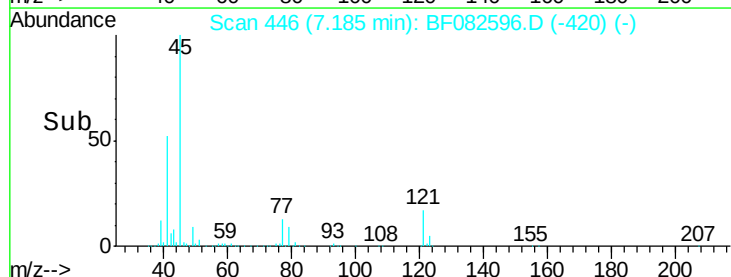
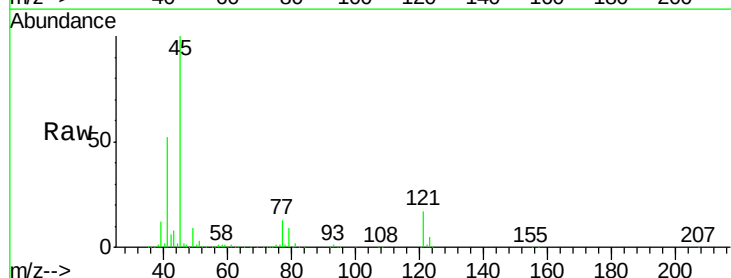
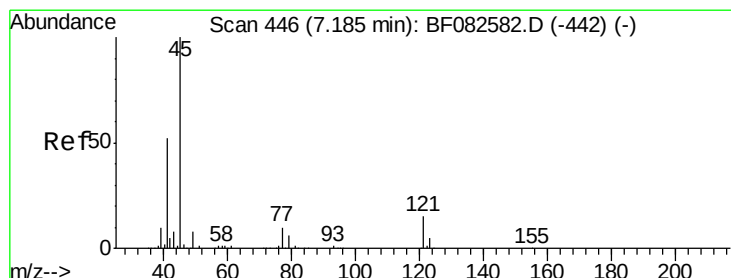
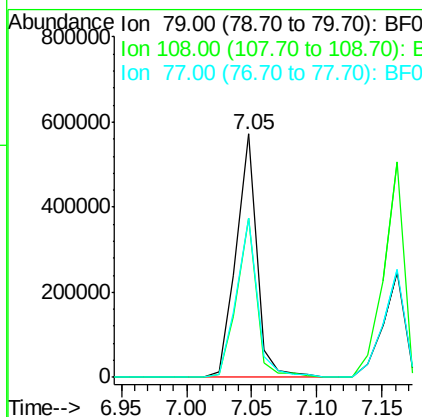
BNA_F

ClientSampleId :

PB86326BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.23 ng

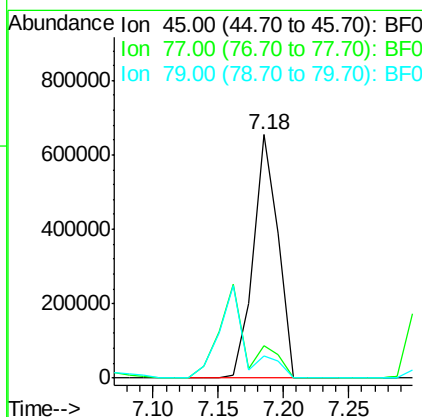
RT: 7.18 min Scan# 446

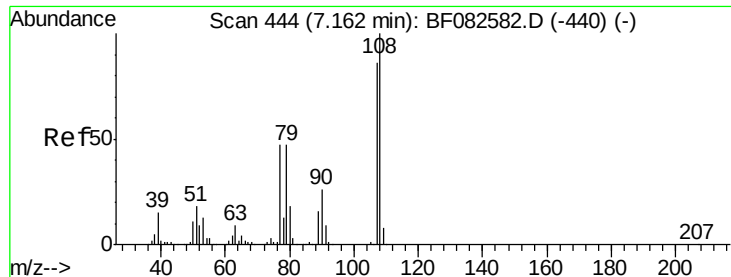
Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion:	45	Resp:	861669
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	32.6
79	9.3	0.0	29.2





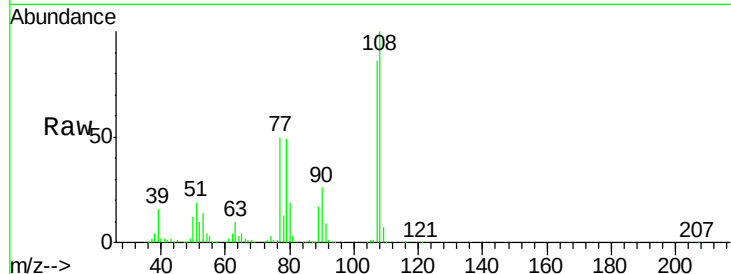
#17
2-Methylphenol
Concen: 40.56 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

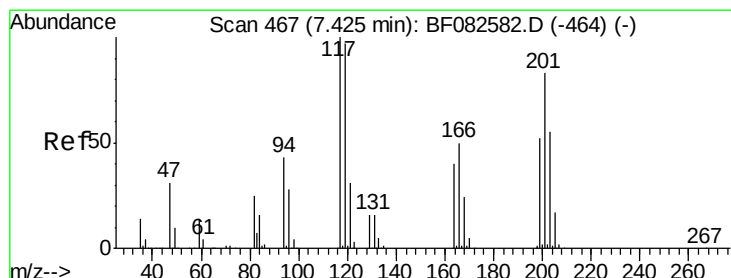
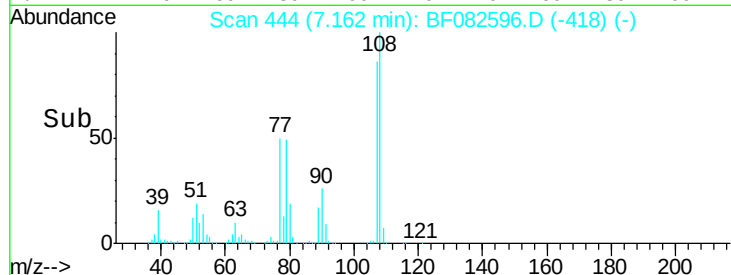
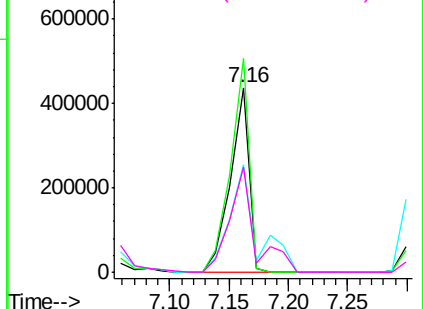
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	476443		
108	115.7	93.0	139.4	
77	58.0	44.1	66.1	
79	57.0	43.6	65.4	

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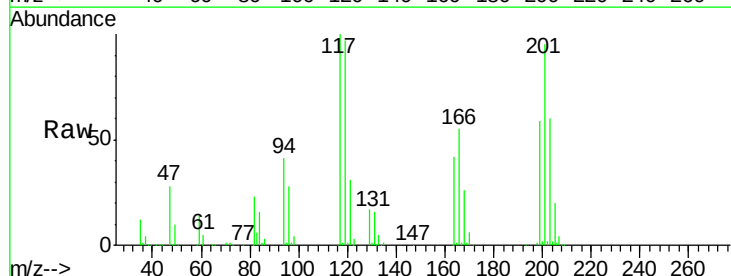


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

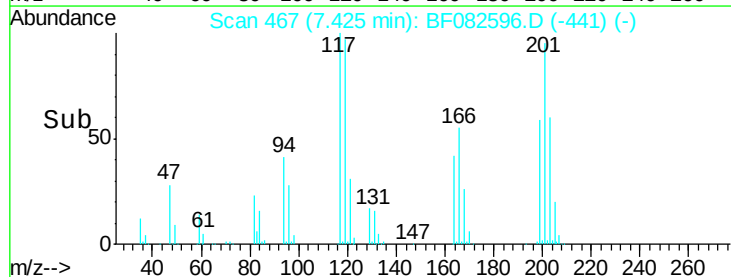
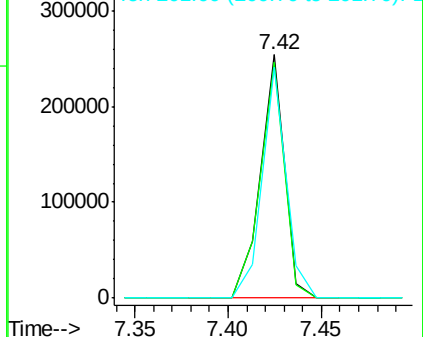


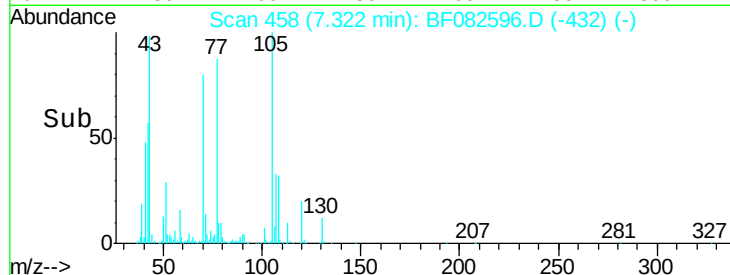
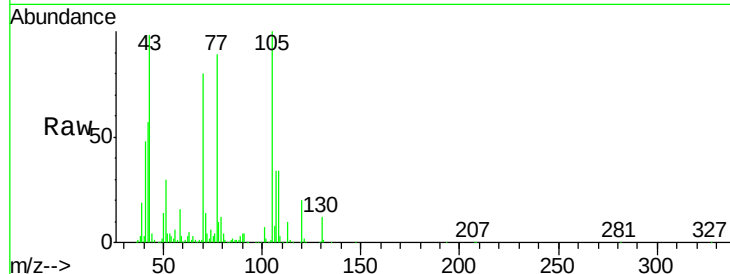
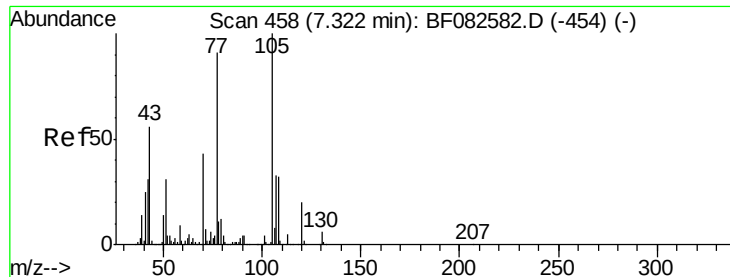
#18
Hexachloroethane
Concen: 37.07 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	226053		
119	96.9	77.7	116.5	
201	95.0	66.7	100.1	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





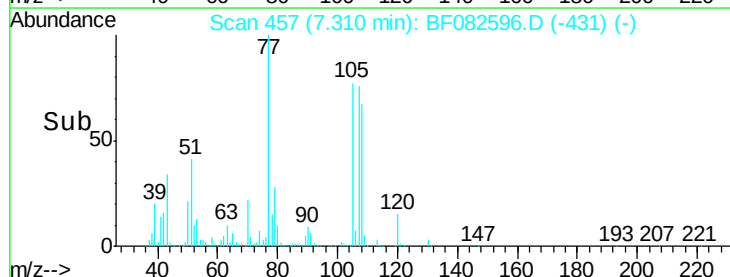
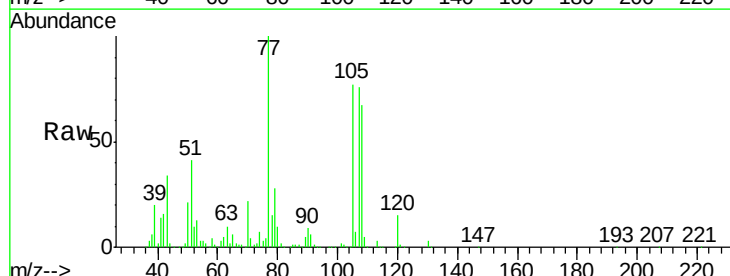
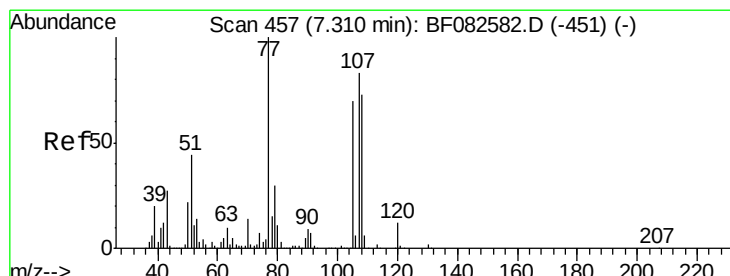
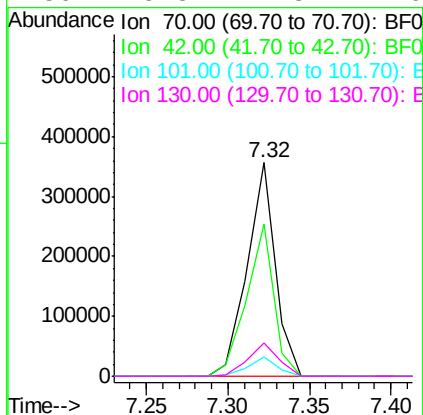
#19
n-Nitroso-di-n-propylamine
Concen: 33.23 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Manual Integrations
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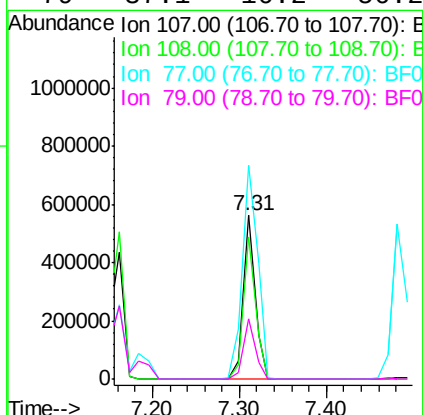
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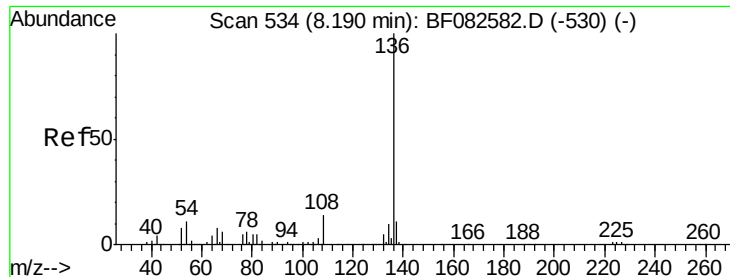
Tgt Ion	Ratio	Lower	Upper
70	100		
42	71.1	57.7	86.5
101	8.9	7.0	10.6
130	15.3	11.8	17.6



#20
3+4-Methylphenols
Concen: 35.05 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.3	107.3
77	130.8	100.3	140.3
79	37.1	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF082596.D

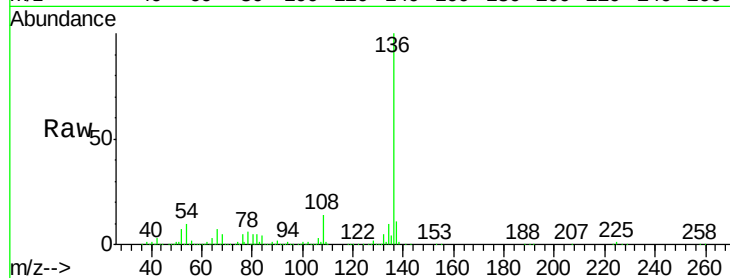
Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampled :

PB86326BS



Tgt Ion:136 Resp: 734536

Ion Ratio Lower Upper

136 100

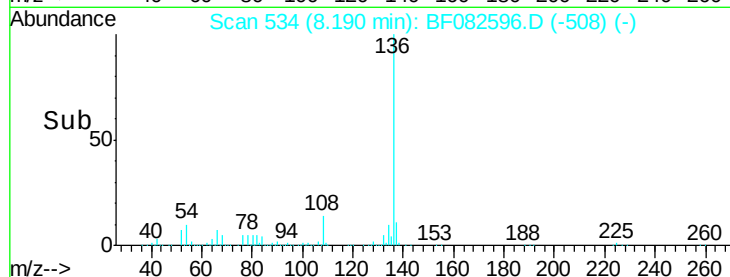
137 11.0 9.1 13.7

54 10.5 9.1 13.7

68 5.4 4.8 7.2

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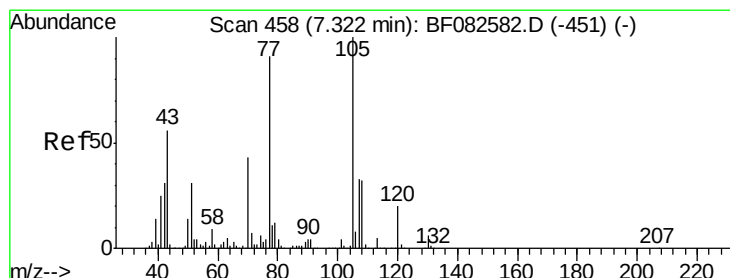
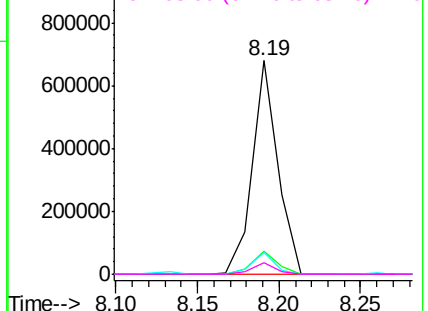
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.08 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion:105 Resp: 801891

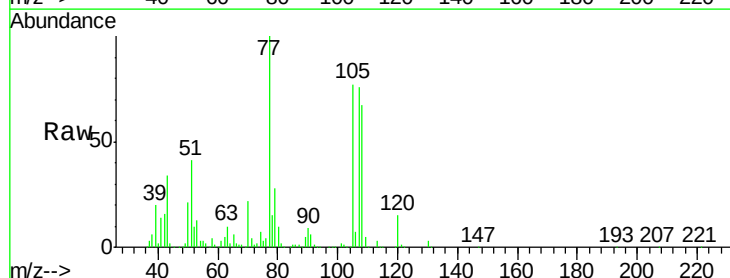
Ion Ratio Lower Upper

105 100

71 4.6 5.6 8.4#

51 52.9 24.9 37.3#

120 19.3 15.8 23.8



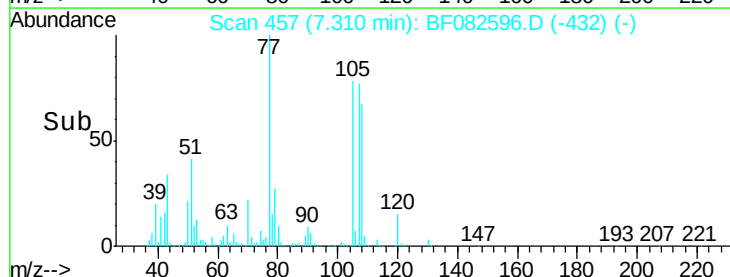
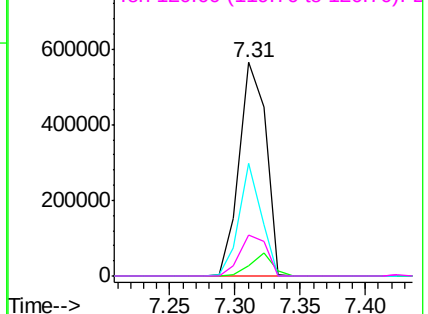
Abundance

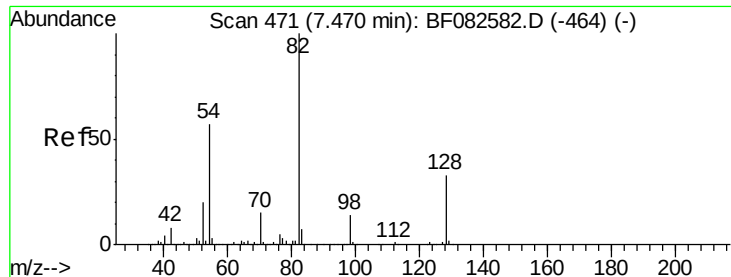
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





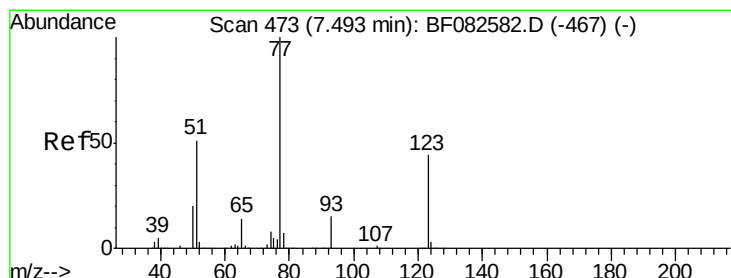
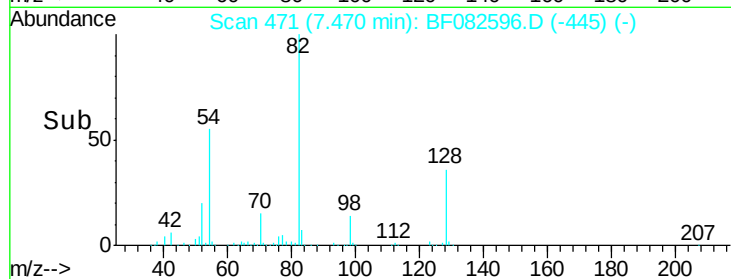
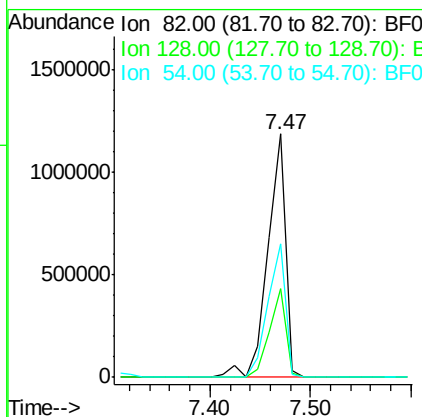
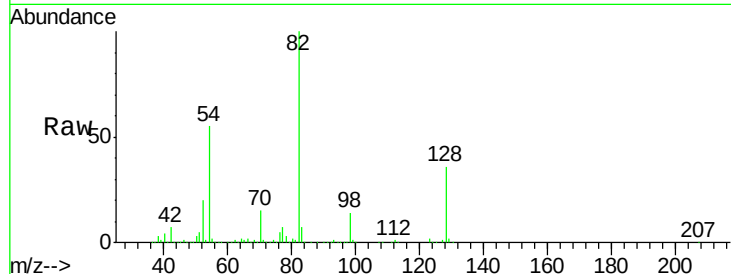
#23
 Nitrobenzene-d5
 Concen: 81.42 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.8	40.2
54	54.7	45.7	68.5

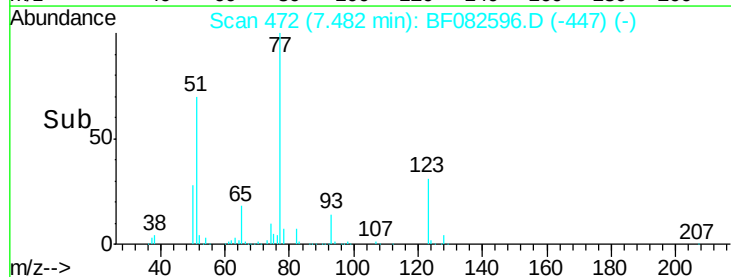
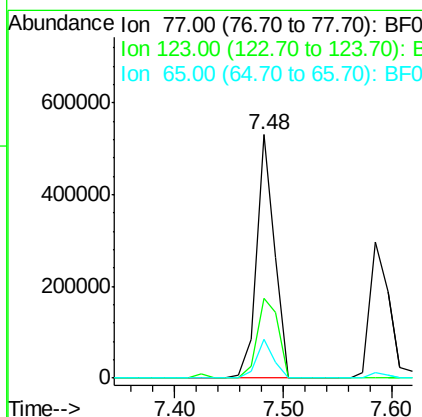
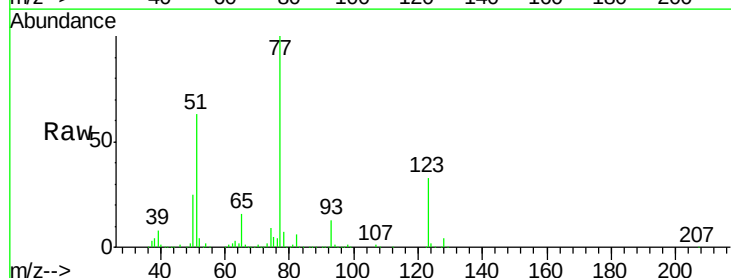
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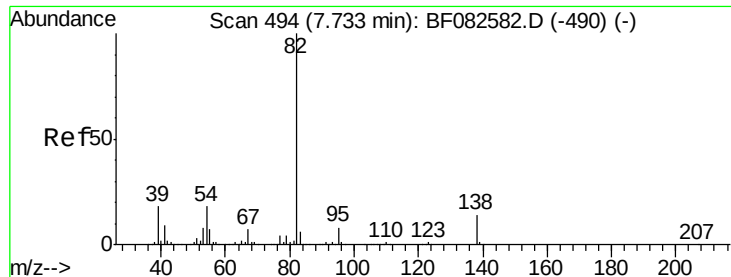
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#24
 Nitrobenzene
 Concen: 33.48 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.9	36.4	54.6#
65	15.9	11.5	17.3





#25

Isophorone

Concen: 36.76 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

Tgt Ion: 82 Resp: 1216409

Ion Ratio Lower Upper

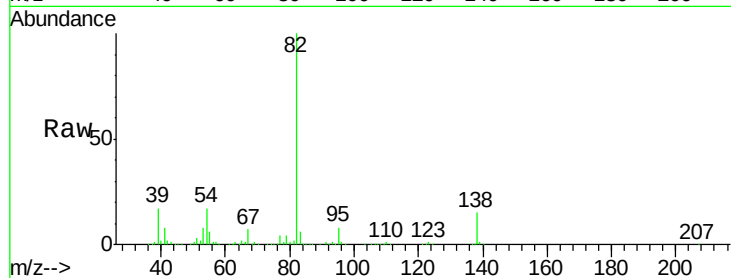
82 100

95 8.5 6.6 9.8

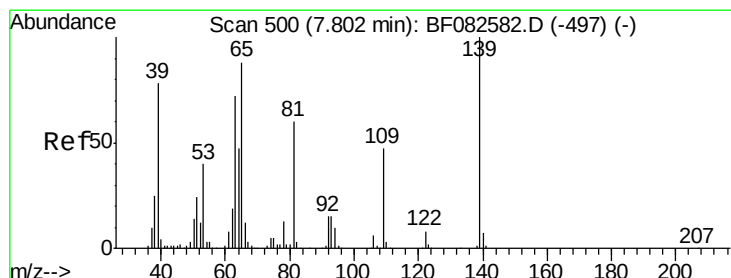
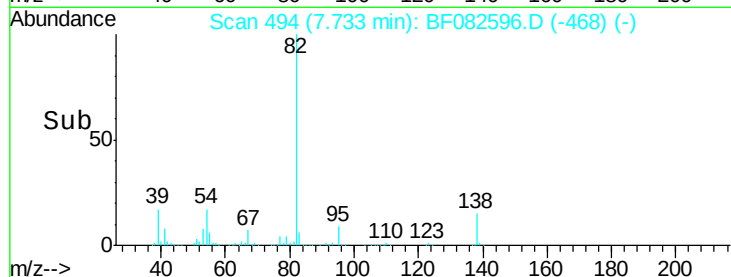
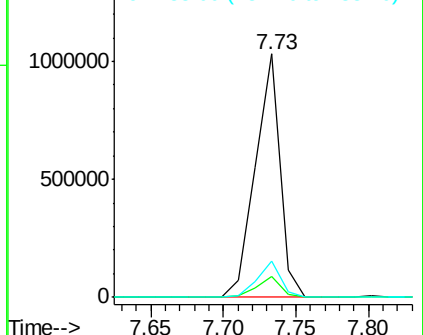
138 15.1 11.4 17.0

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



#26

2-Nitrophenol

Concen: 35.76 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

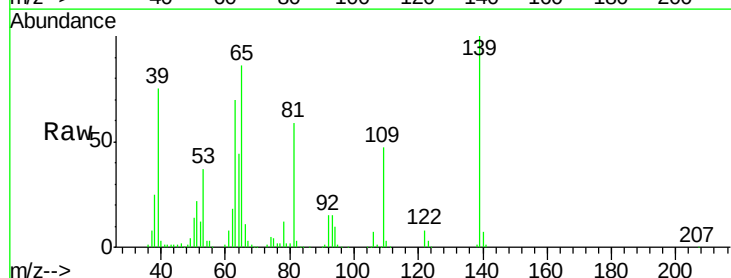
Tgt Ion: 139 Resp: 237543

Ion Ratio Lower Upper

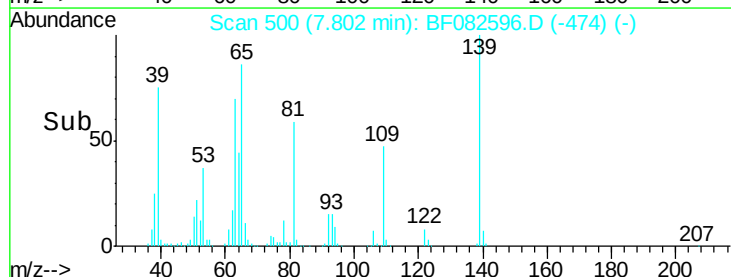
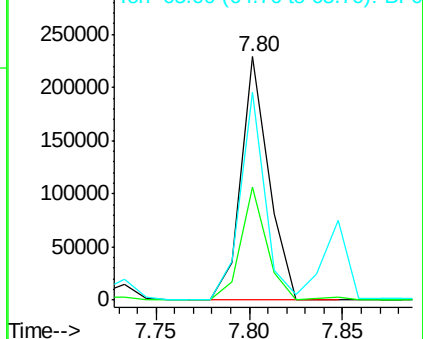
139 100

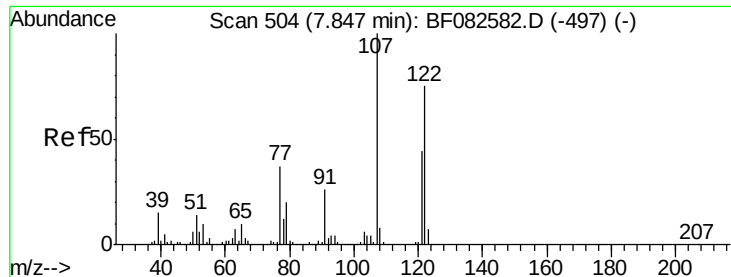
109 46.6 37.6 56.4

65 85.5 70.6 105.8



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





#27

2,4-Dimethylphenol

Concen: 39.54 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

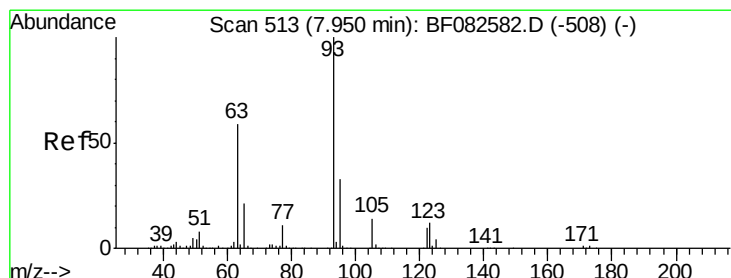
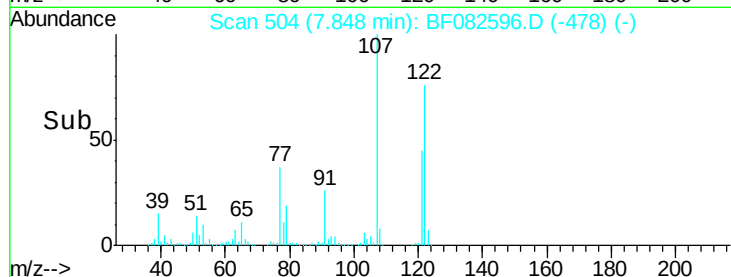
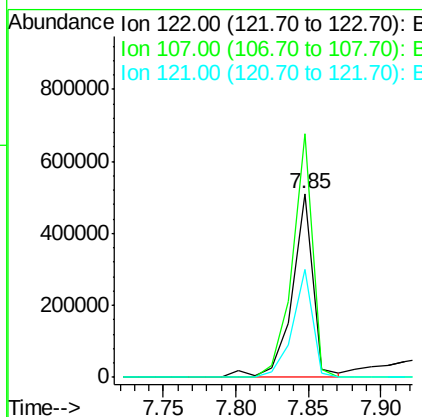
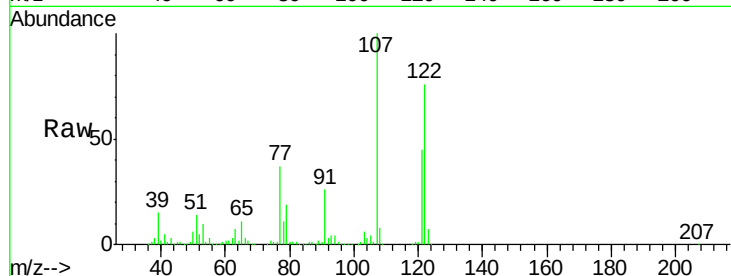
ClientSampleId :

PB86326BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	512643		
107	132.3	106.0	159.0	
121	58.9	46.7	70.1	

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#28

bis(2-Chloroethoxy)methane

Concen: 35.47 ng

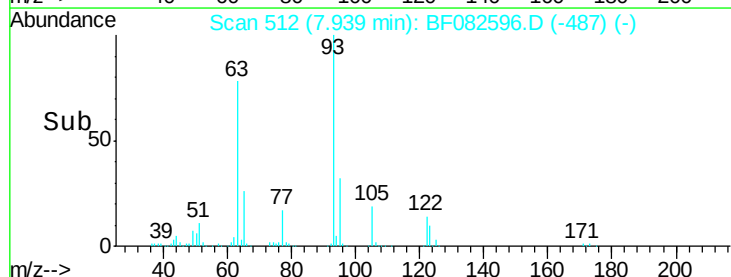
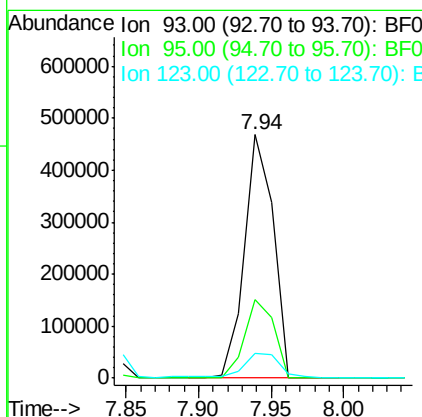
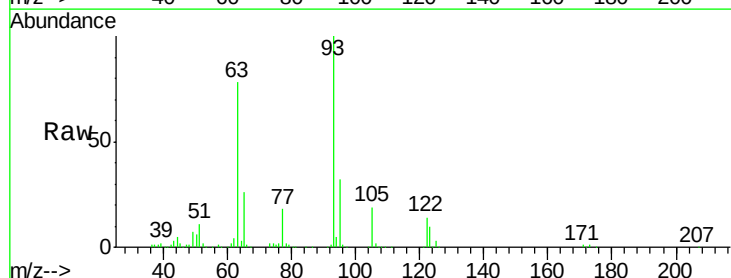
RT: 7.94 min Scan# 512

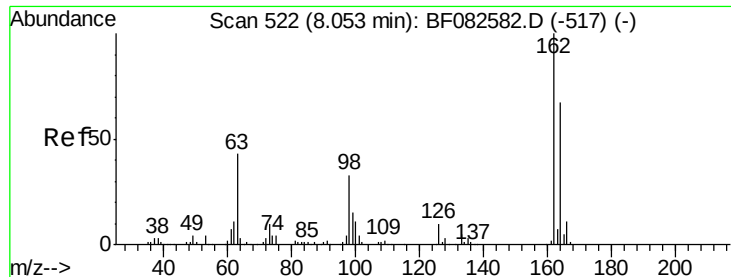
Delta R.T. -0.01 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	642079		
95	32.3	26.6	40.0	
123	10.0	9.7	14.5	





#29

2,4-Dichlorophenol

Concen: 39.57 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF082596.D

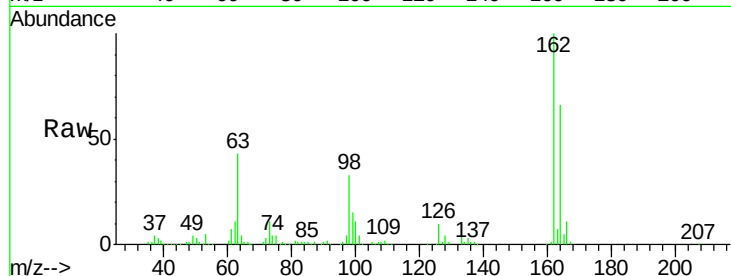
Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

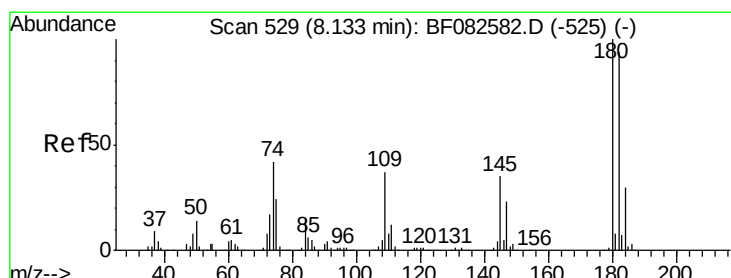
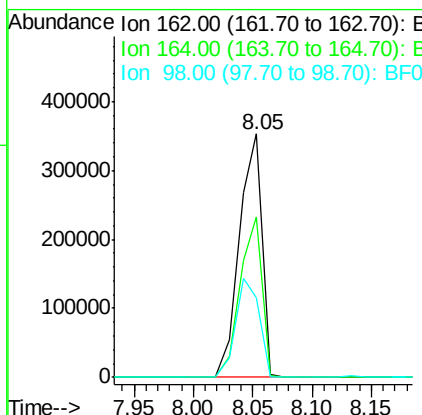
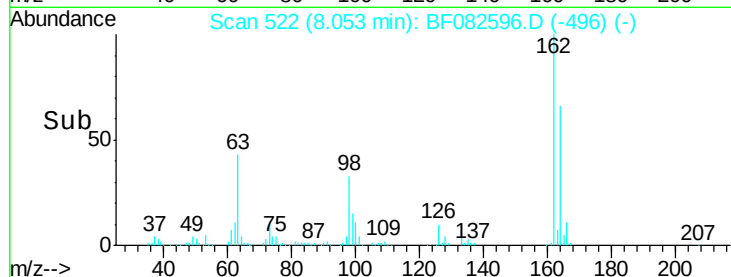
PB86326BS



Tgt Ion:	162	Resp:	467640
Ion Ratio	Lower	Upper	
162	100		
164	65.9	46.8	86.8
98	32.6	12.5	52.5

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#30

1,2,4-Trichlorobenzene

Concen: 34.89 ng

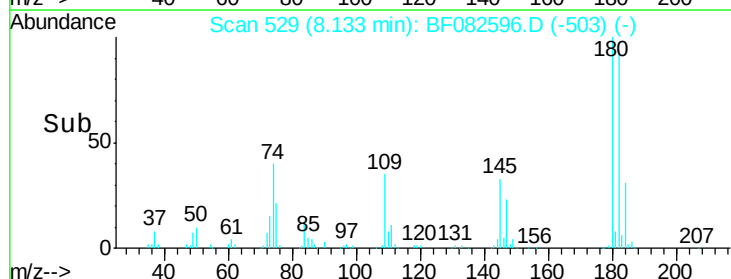
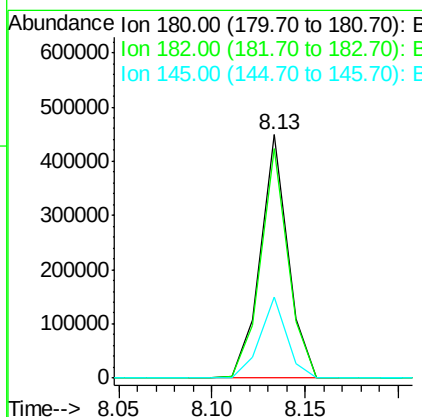
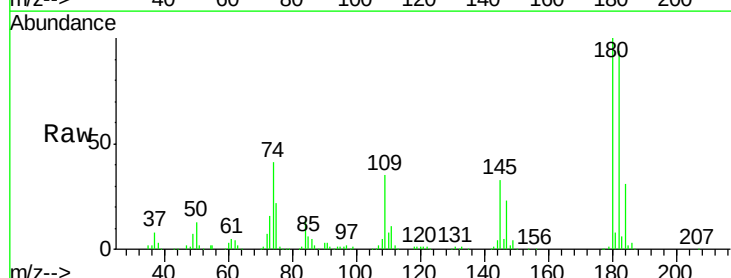
RT: 8.13 min Scan# 529

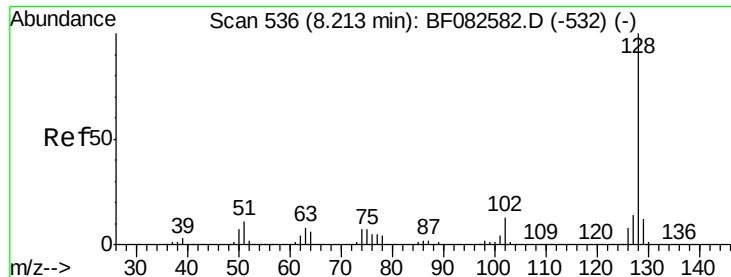
Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion:	180	Resp:	457533
Ion Ratio	Lower	Upper	
180	100		
182	94.4	74.9	112.3
145	33.4	27.8	41.8





#31

Naphthalene

Concen: 35.09 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

Tgt Ion:128 Resp: 1394709

Ion Ratio Lower Upper

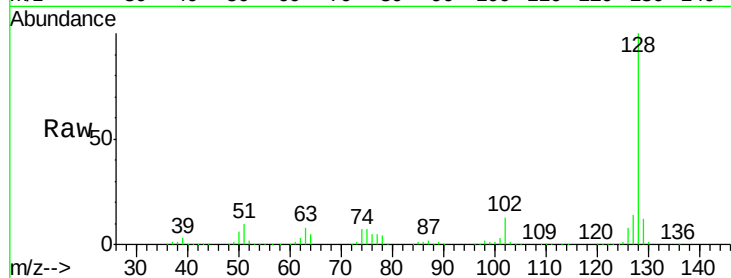
128 100

129 12.0 9.5 14.3

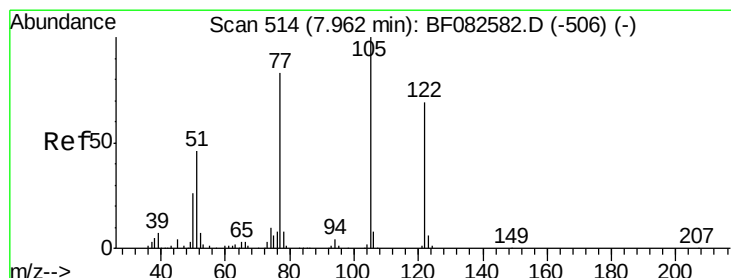
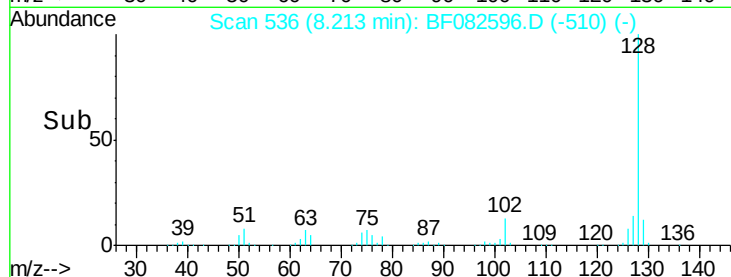
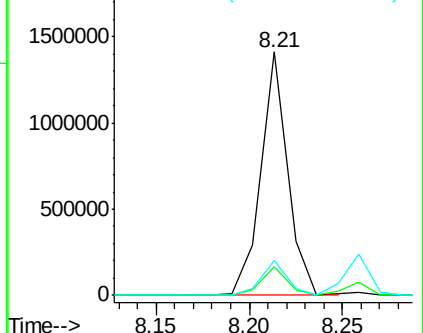
127 14.1 11.4 17.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.57 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

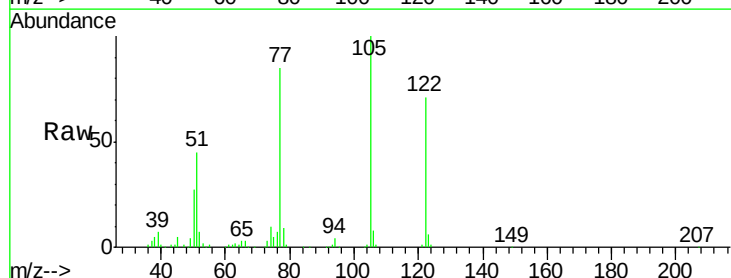
Tgt Ion:122 Resp: 325122

Ion Ratio Lower Upper

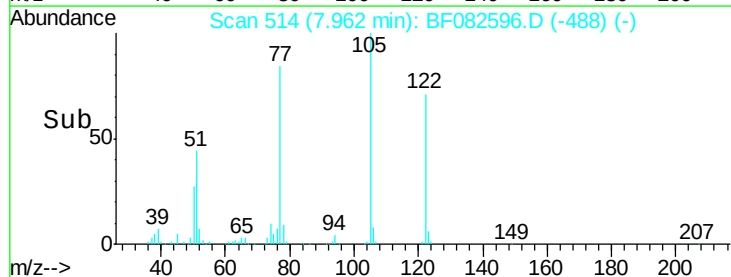
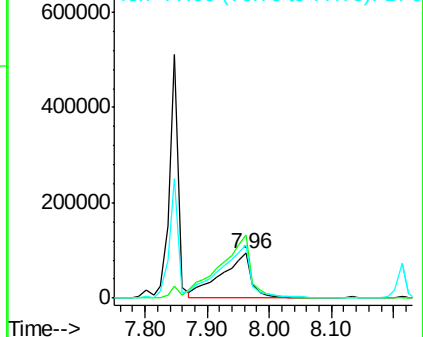
122 100

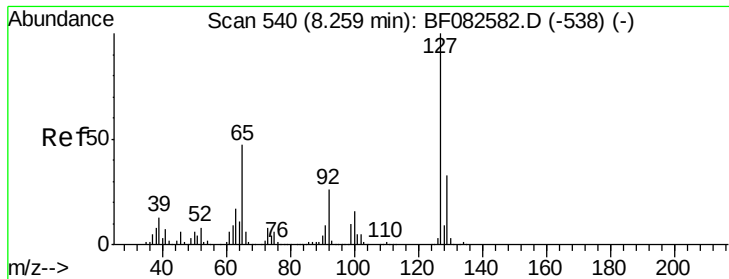
105 140.5 122.6 162.6

77 119.1 100.9 140.9



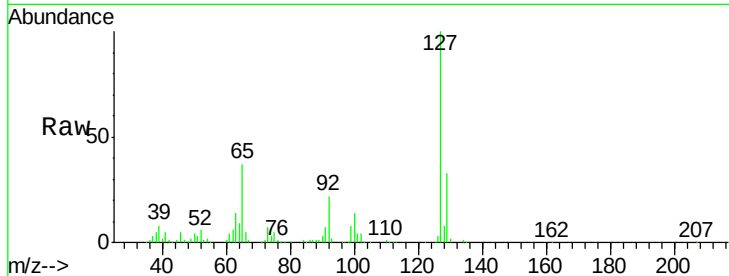
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 13.55 ng m
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

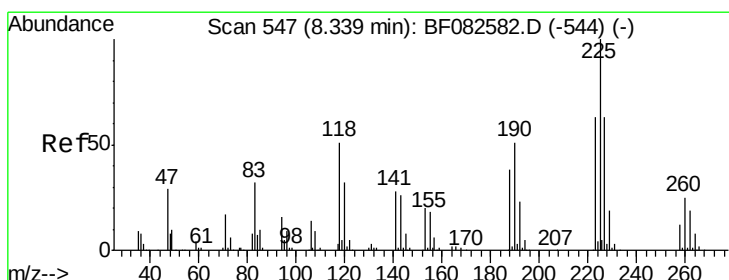
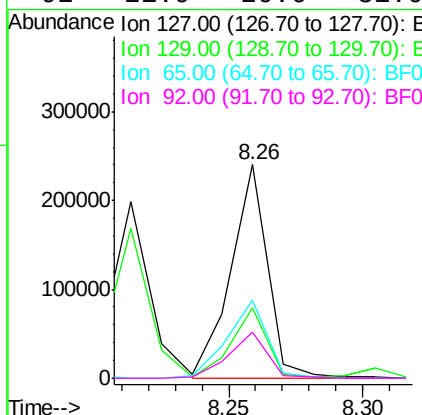
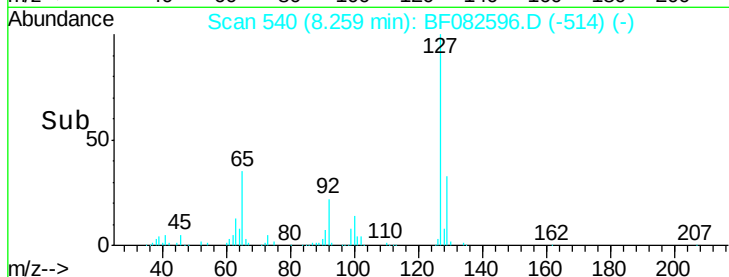
Instrument :
BNA_F
ClientSampleId :
PB86326BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.2	26.3	39.5
65	36.7	37.8	56.8#
92	21.9	20.6	31.0

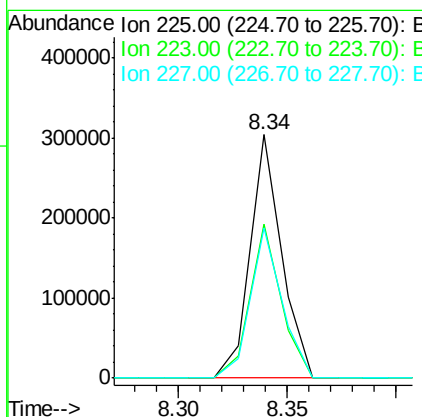
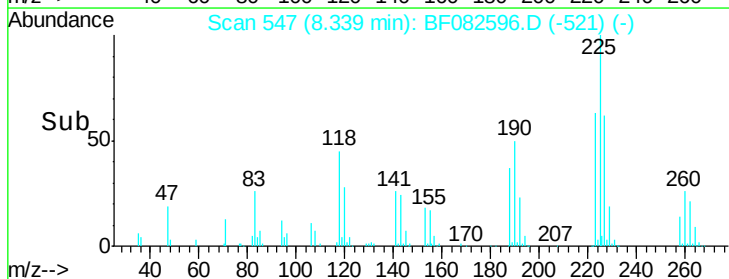
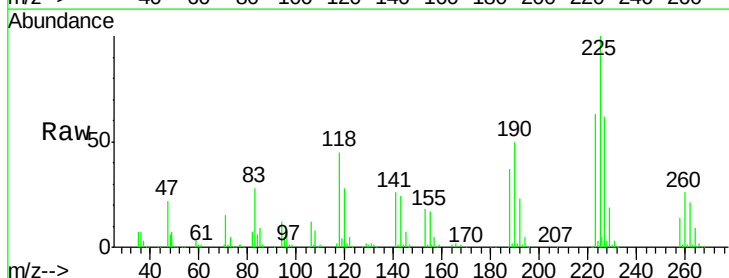
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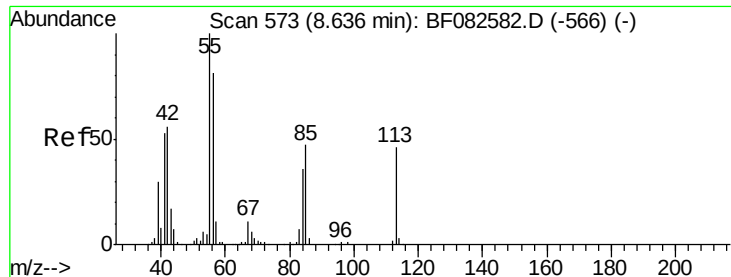
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#34
Hexachlorobutadiene
Concen: 36.69 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.1	50.5	75.7
227	61.9	50.2	75.2





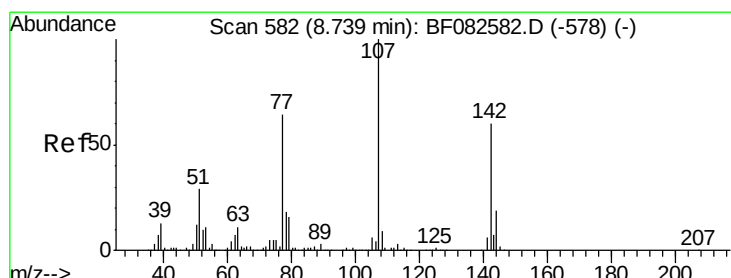
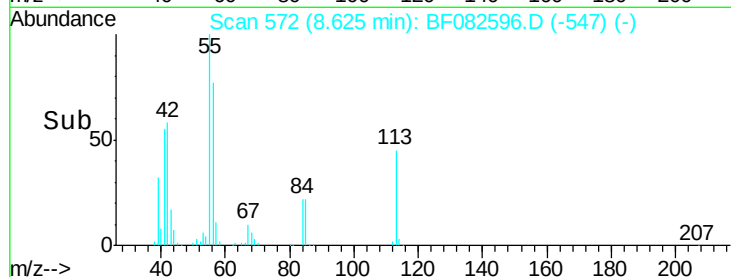
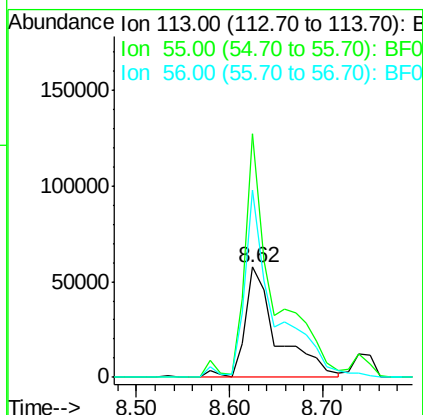
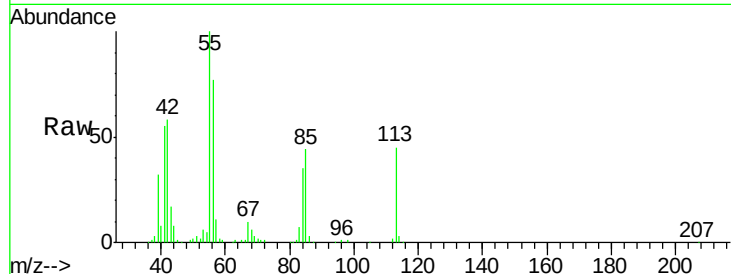
#35
 Caprolactam
 Concen: 38.64 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	140101		
55	220.9	195.5	235.5	
56	169.7	153.5	193.5	

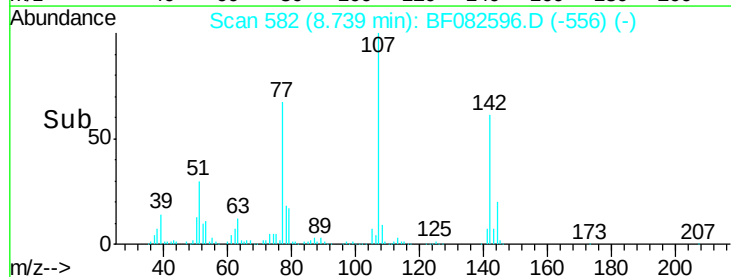
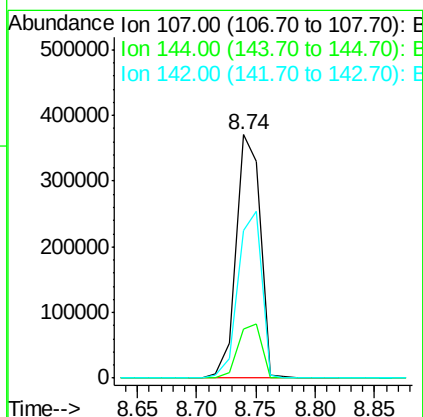
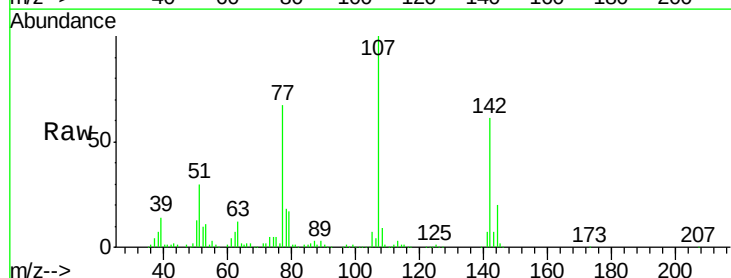
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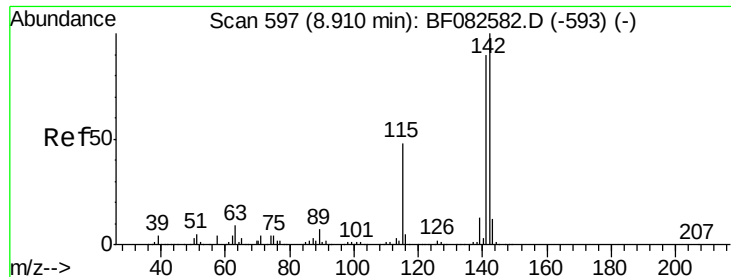
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#36
 4-Chloro-3-methylphenol
 Concen: 38.00 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	528812		
144	20.1	15.4	23.0	
142	60.7	47.8	71.8	





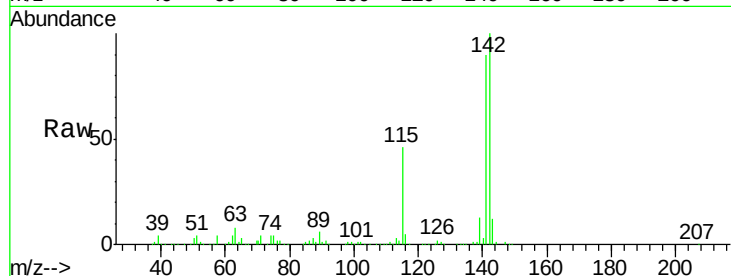
#37
 2-Methylnaphthalene
 Concen: 40.71 ng
 RT: 8.91 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	46.3	38.1	57.1

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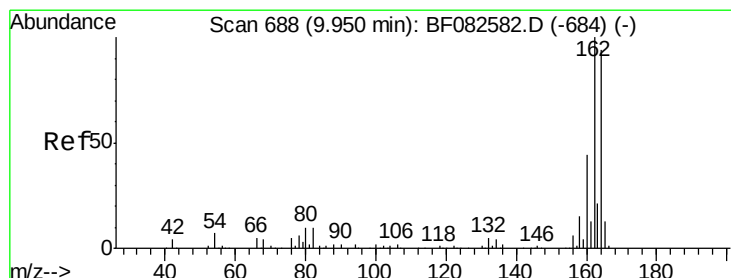
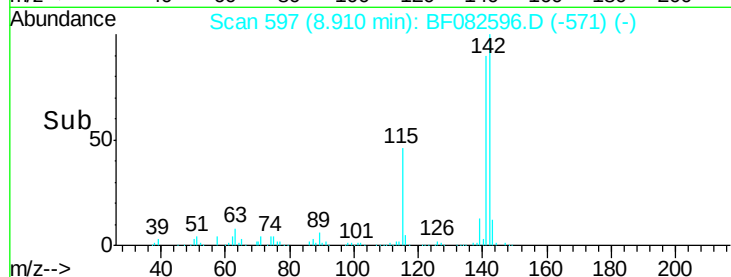
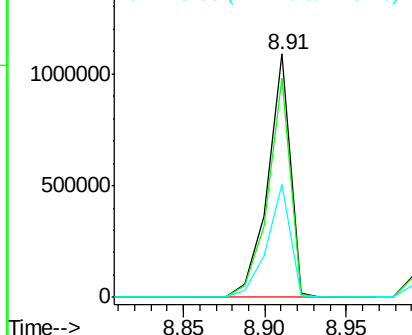


Abundance

Ion 142.00 (141.70 to 142.70): E

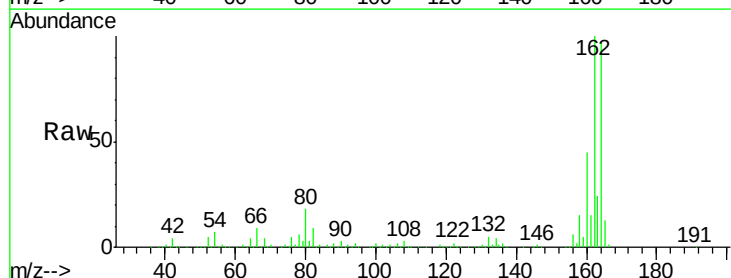
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	84.9	127.3
160	46.2	37.5	56.3

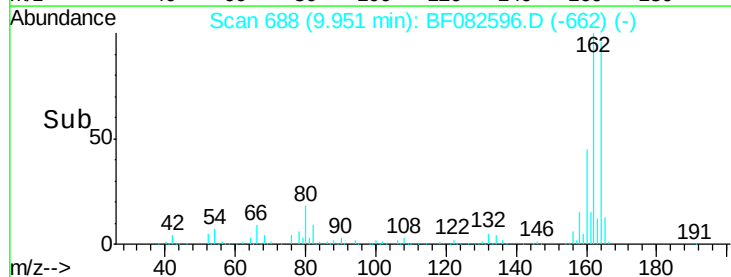
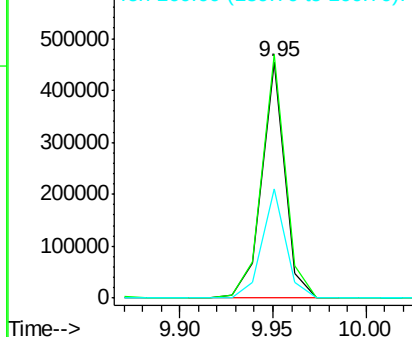


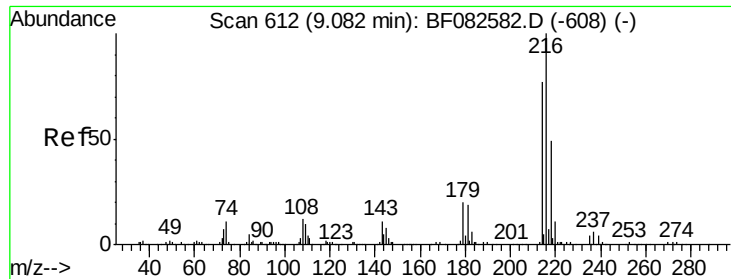
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





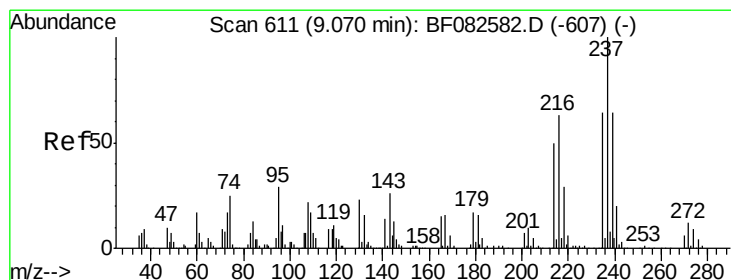
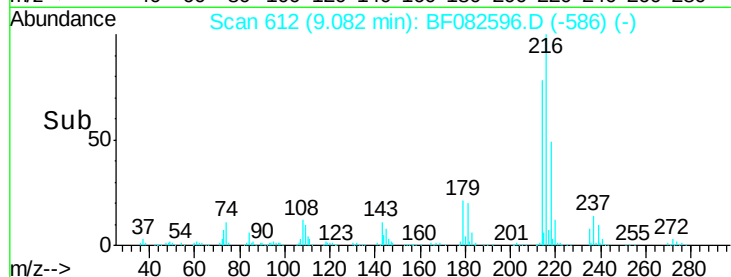
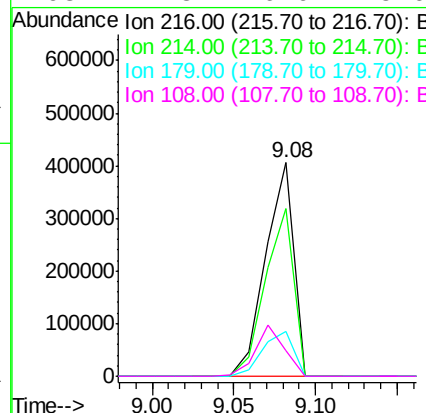
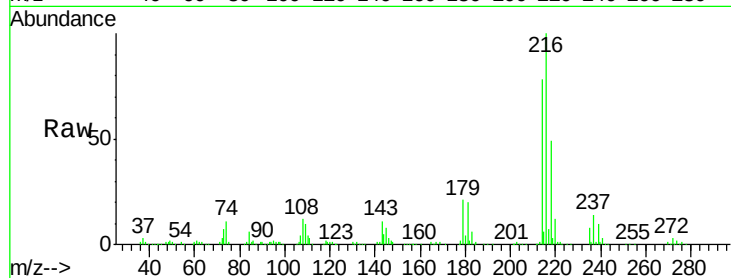
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.91 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

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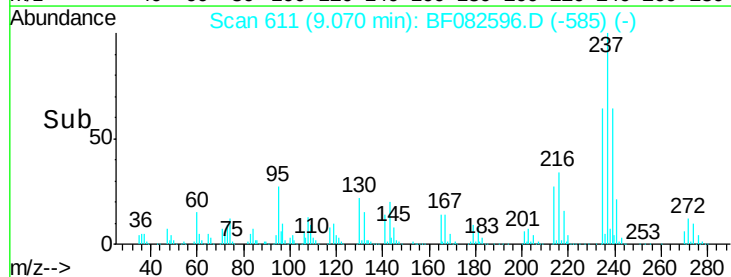
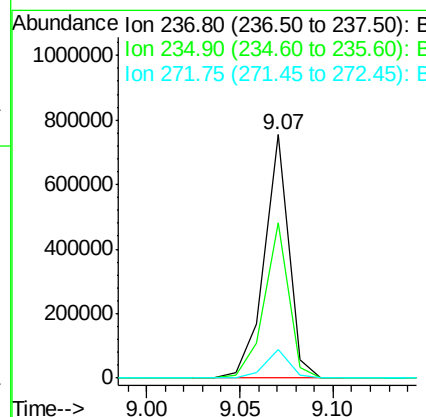
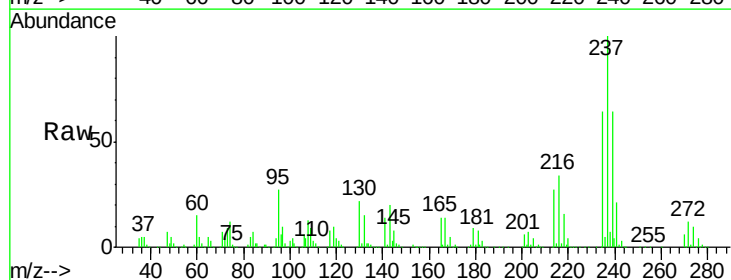
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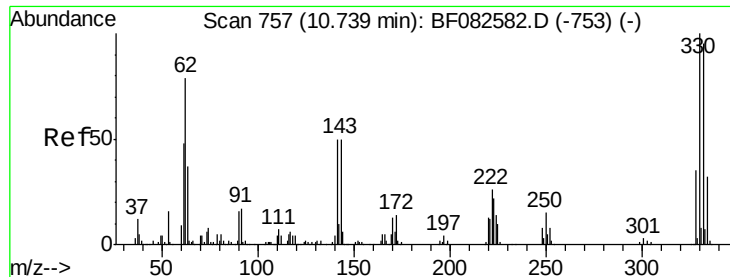
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	485762		
214	79.5	62.2	93.2	
179	22.8	18.1	27.1	
108	24.3	16.6	25.0	



#40
 Hexachlorocyclopentadiene
 Concen: 82.48 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	682384		
235	63.8	44.3	84.3	
272	11.7	0.0	31.9	





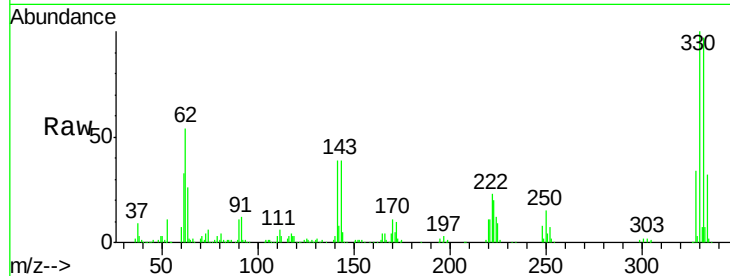
#41
 2,4,6-Tribromophenol
 Concen: 77.92 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

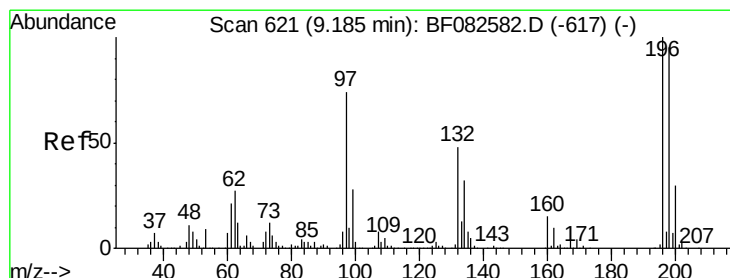
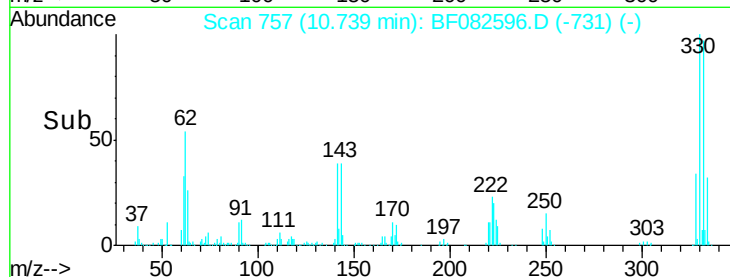
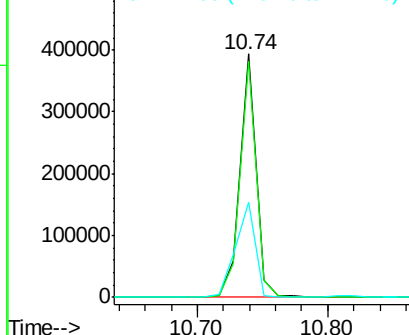
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	336294		
332	96.6	76.6	114.8	
141	47.5	41.2	61.8	

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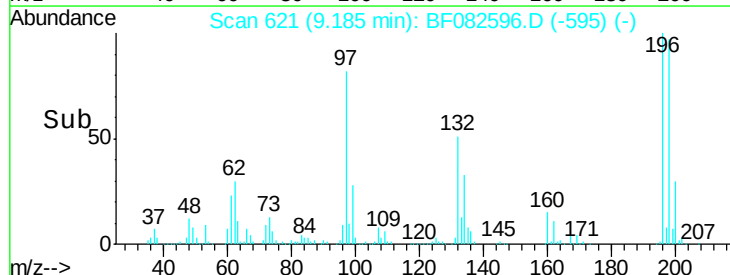
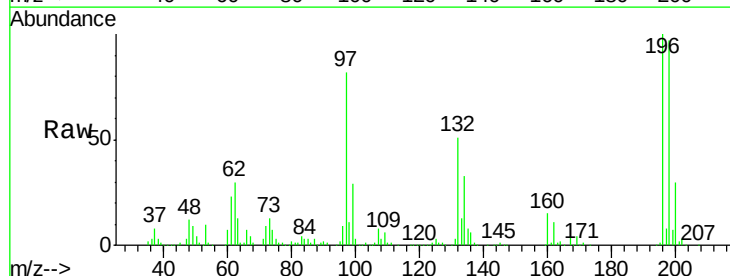
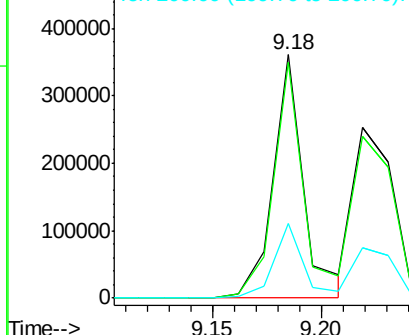
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

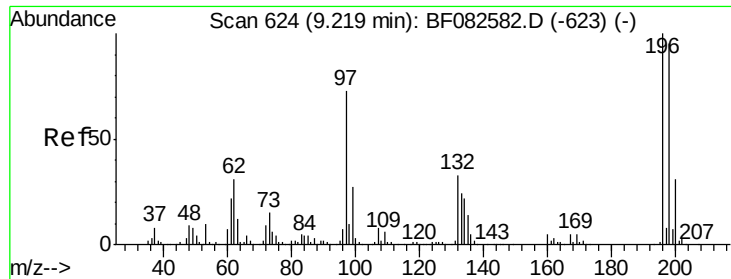


#42
 2,4,6-Trichlorophenol
 Concen: 37.51 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	356468		
198	97.1	76.3	114.5	
200	30.5	23.9	35.9	

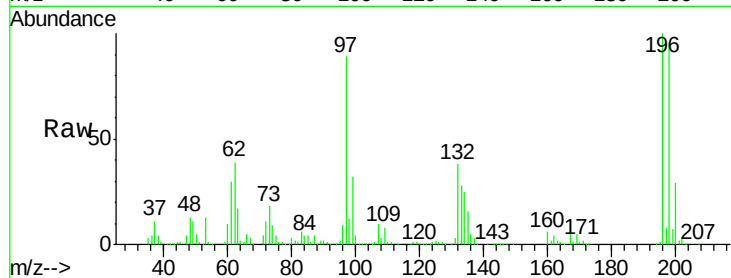
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 34.11 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

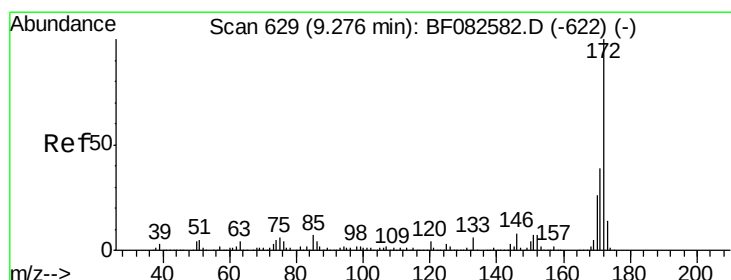
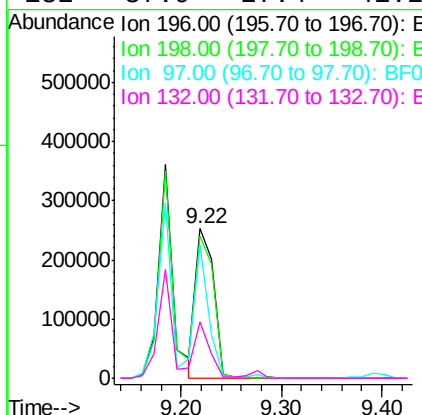
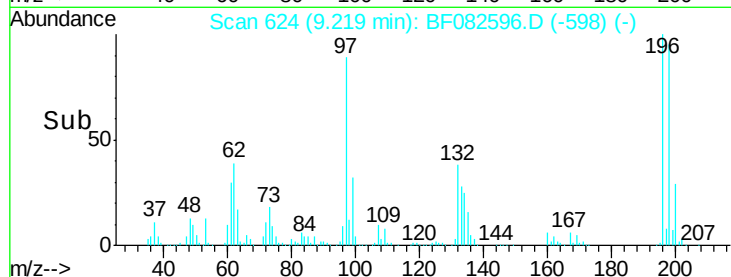
Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	322933		
198	95.2	75.8	113.8	
97	89.3	62.3	93.5	
132	37.9	27.4	41.2	

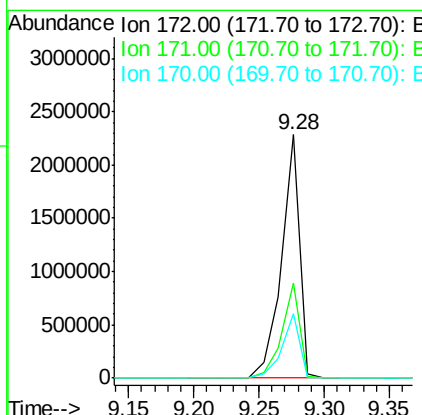
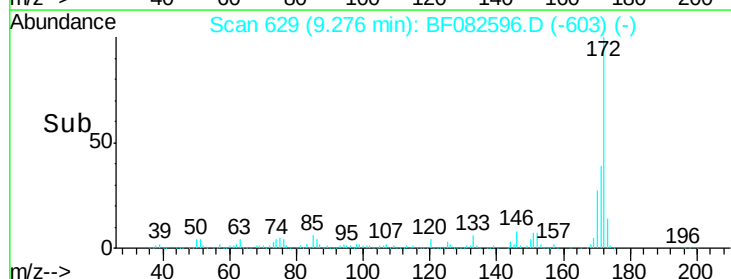
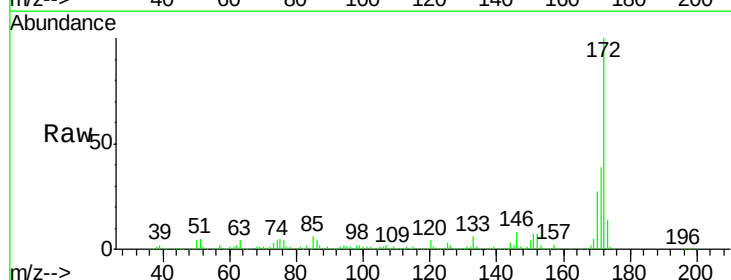
Manual Integrations
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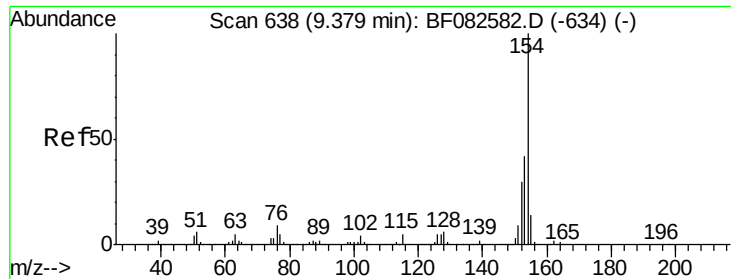
Mmdadoda
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#44
 2-Fluorobiphenyl
 Concen: 79.81 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2216740		
171	38.8	30.8	46.2	
170	26.7	21.2	31.8	





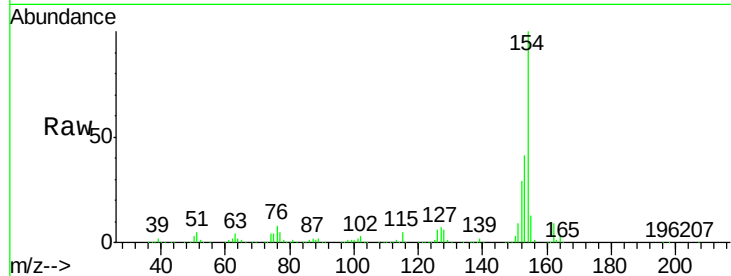
#45
 1,1'-Biphenyl
 Concen: 36.14 ng
 RT: 9.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

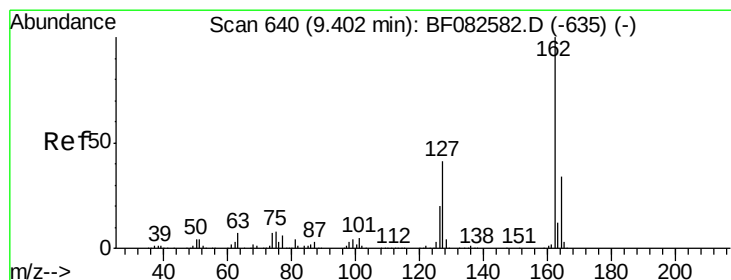
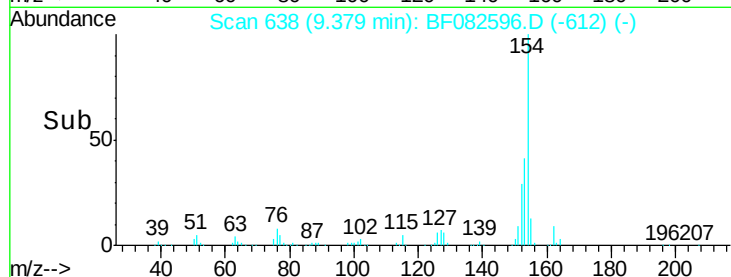
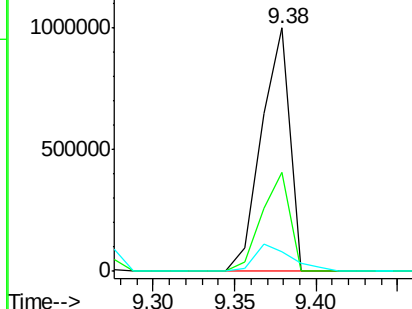
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	22.0	62.0
76	7.9	0.0	29.0

Manual Integrations
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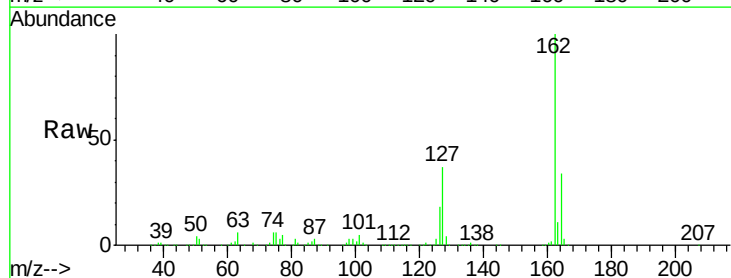


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

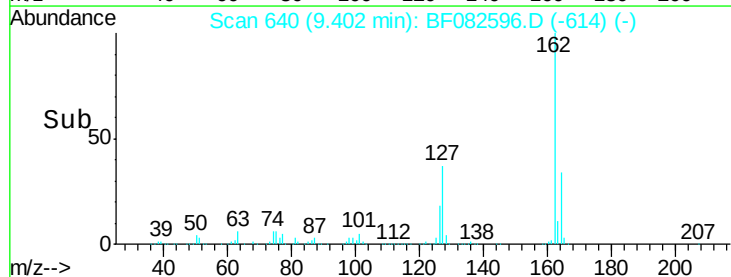
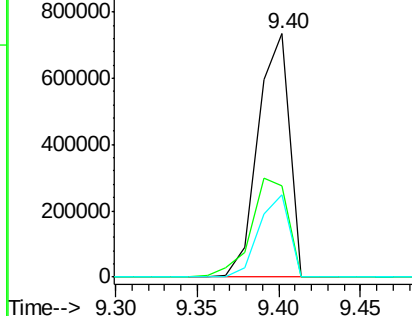


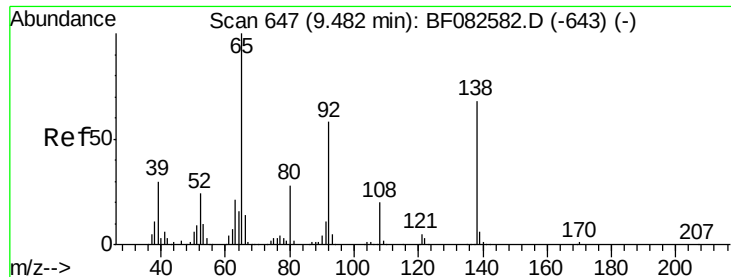
#46
 2-Chloronaphthalene
 Concen: 37.64 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	32.7	49.1
164	33.6	27.4	41.0



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: 33.51 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF082596.D

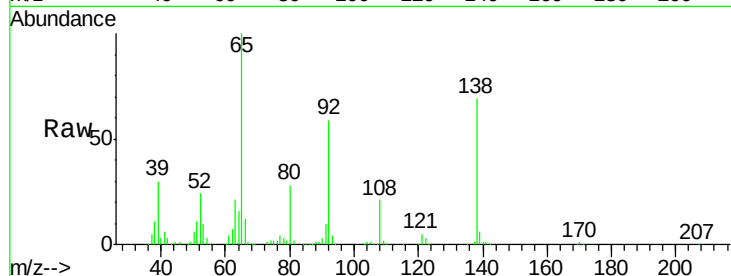
Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS



Tgt Ion: 65 Resp: 338800

Ion Ratio Lower Upper

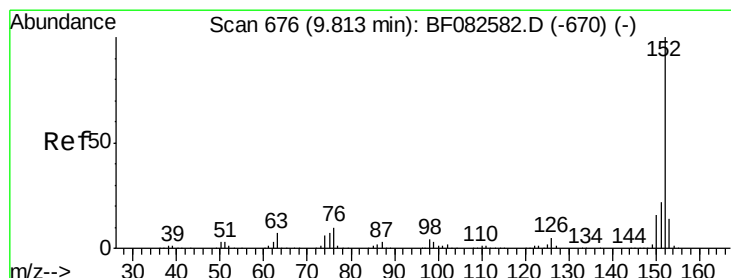
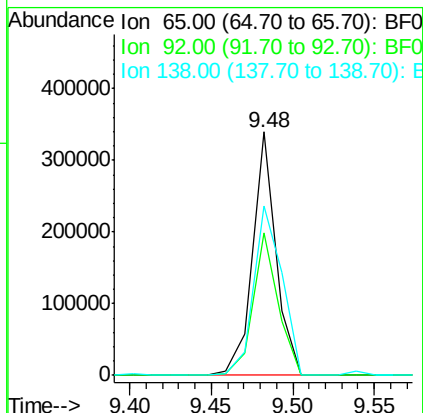
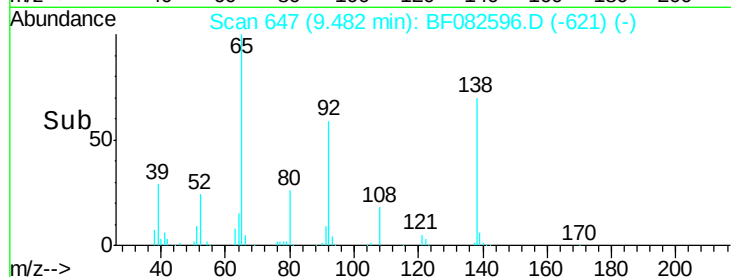
65 100

92 58.6 46.6 70.0

138 69.4 54.6 81.8

Manual Integrations
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Mmdadoda
11/2/2015 4:32:12 PM



#48

Acenaphthylene

Concen: 37.66 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

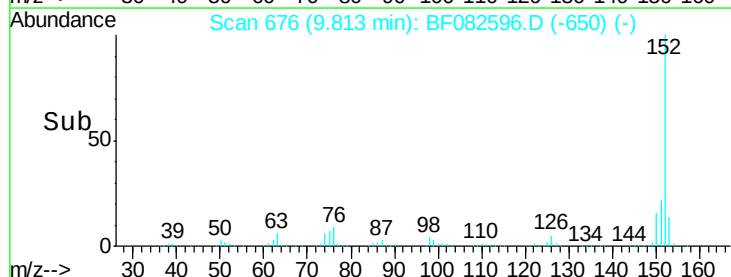
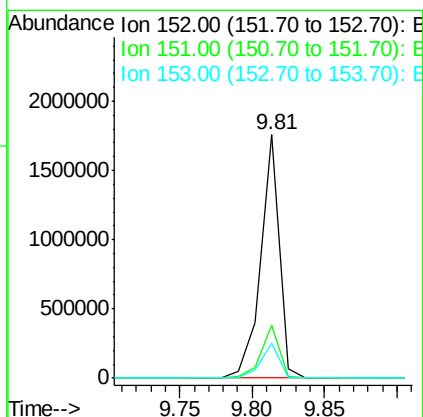
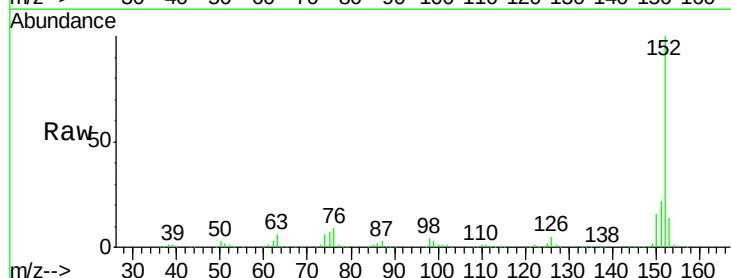
Tgt Ion: 152 Resp: 1566688

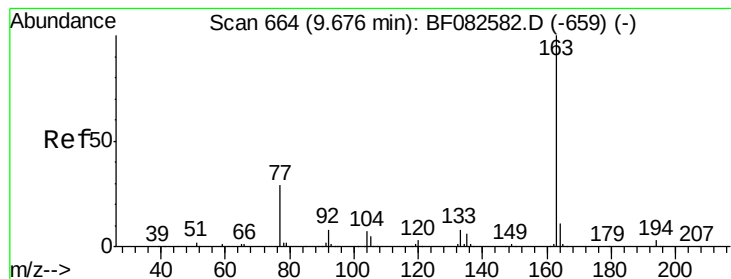
Ion Ratio Lower Upper

152 100

151 21.7 17.3 25.9

153 14.2 11.3 16.9





#49

Dimethylphthalate

Concen: 37.09 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF082596.D

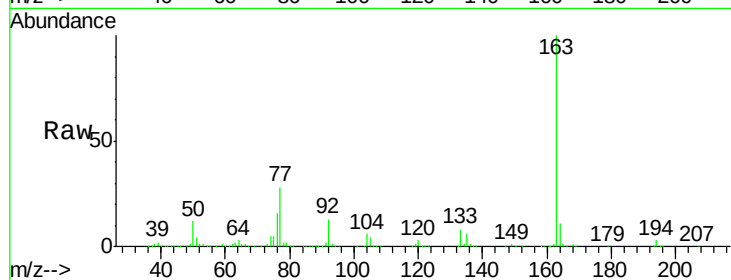
Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS



Tgt Ion:163 Resp: 1194617

Ion Ratio Lower Upper

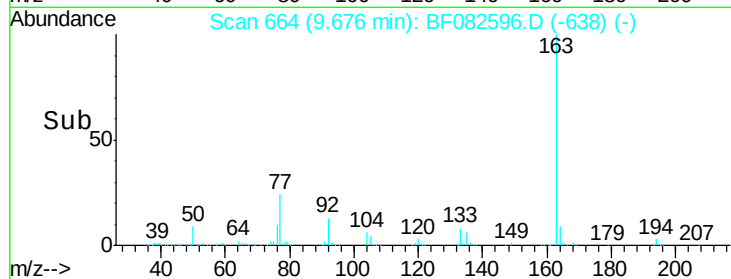
163 100

194 3.3 2.6 4.0

164 10.7 8.7 13.1

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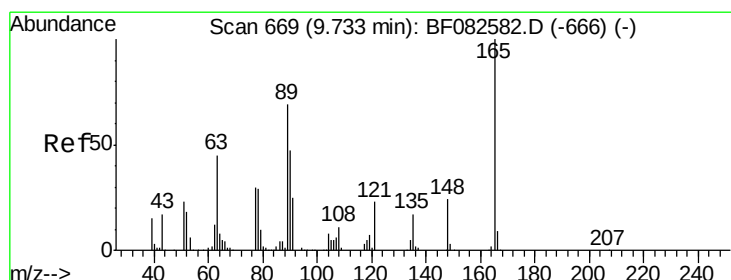
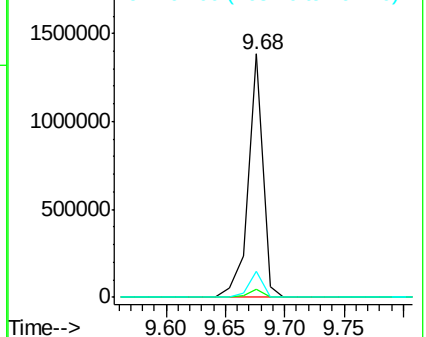
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.24 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

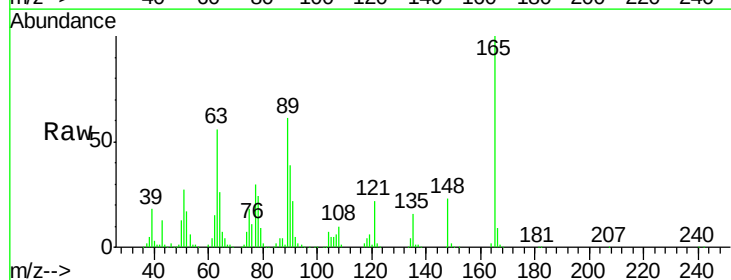
Tgt Ion:165 Resp: 282001

Ion Ratio Lower Upper

165 100

63 55.7 55.5 83.3

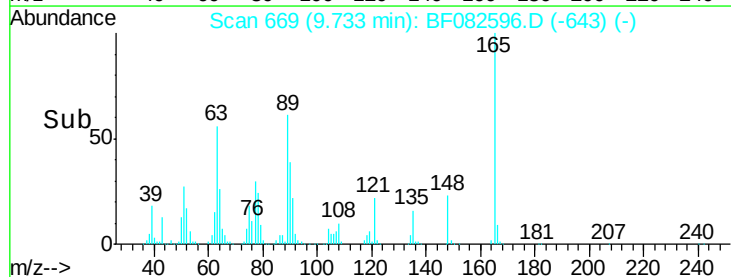
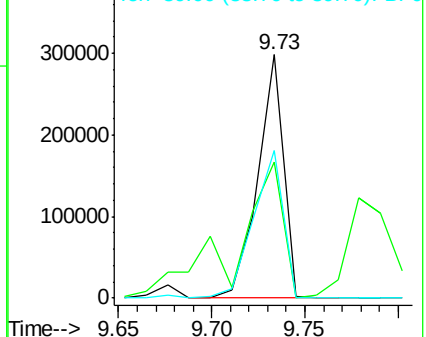
89 60.6 55.0 82.6

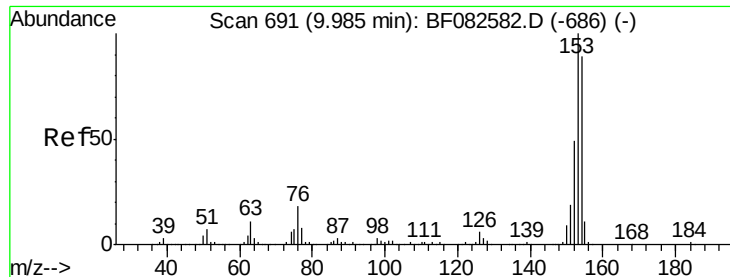


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.36 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

Tgt Ion:154 Resp: 1065938

Ion Ratio Lower Upper

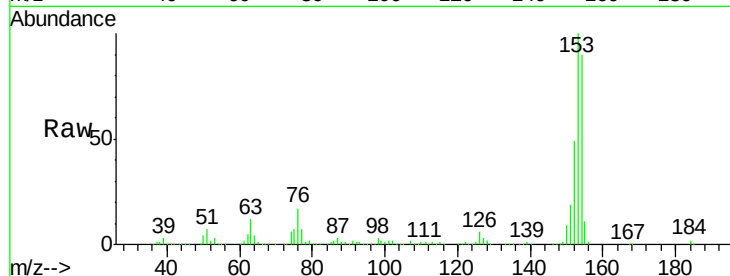
154 100

153 111.4 90.1 135.1

152 54.5 44.3 66.5

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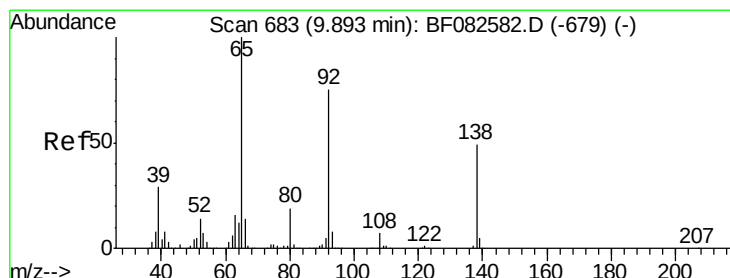
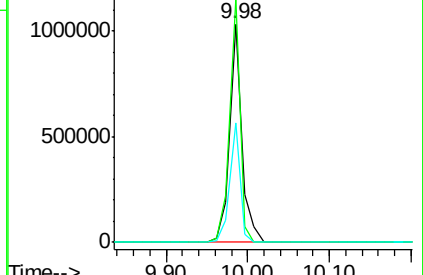
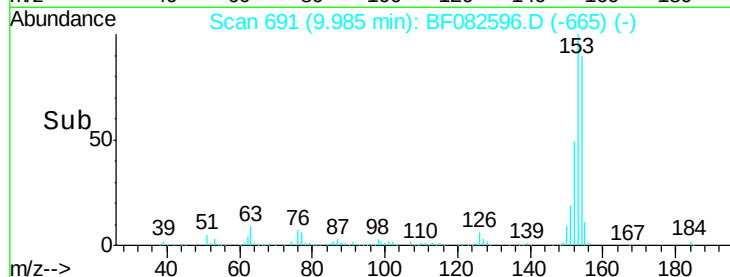
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.84 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

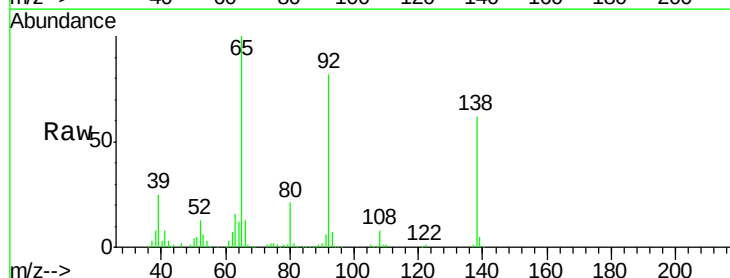
Tgt Ion:138 Resp: 139925

Ion Ratio Lower Upper

138 100

108 12.0 11.3 16.9

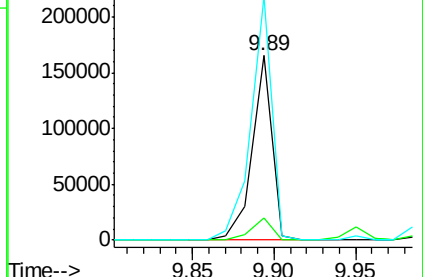
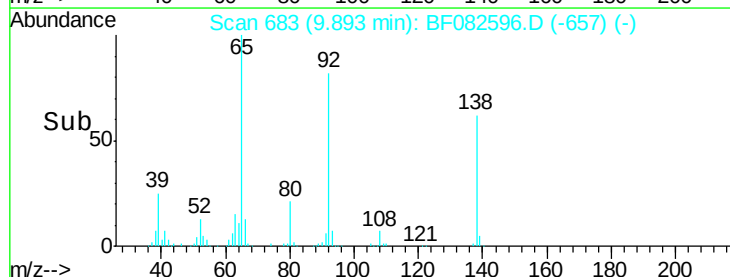
92 132.1 122.4 183.6

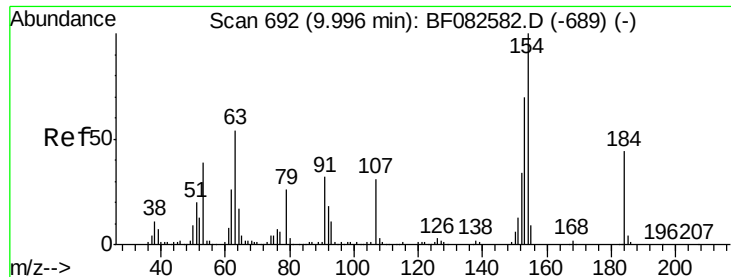


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





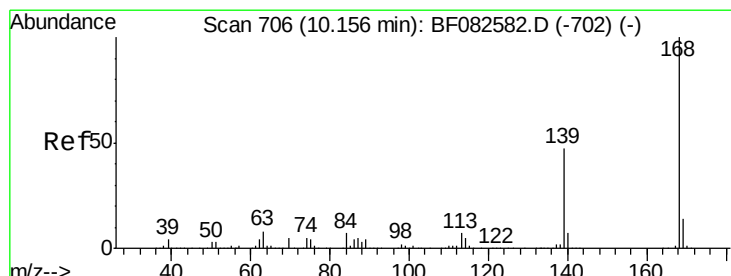
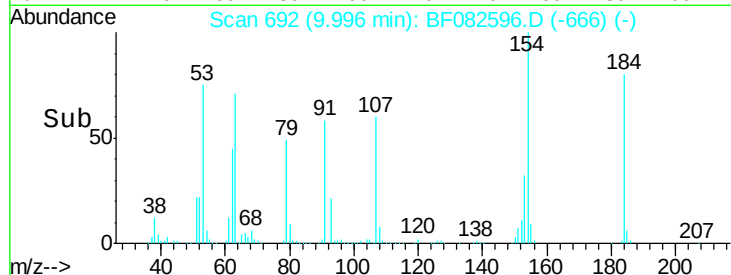
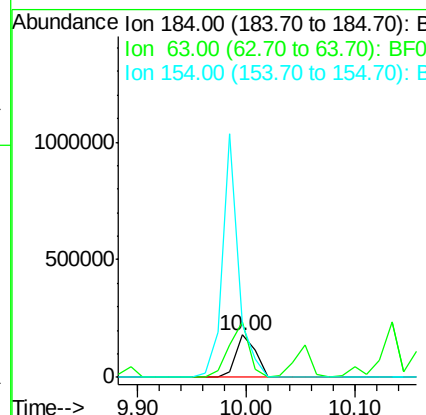
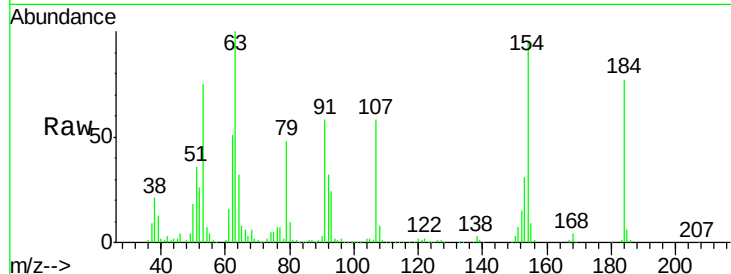
#53
2,4-Dinitrophenol
Concen: 64.09 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	222770		
63	130.6	98.6	148.0	
154	124.3	183.9	275.9#	

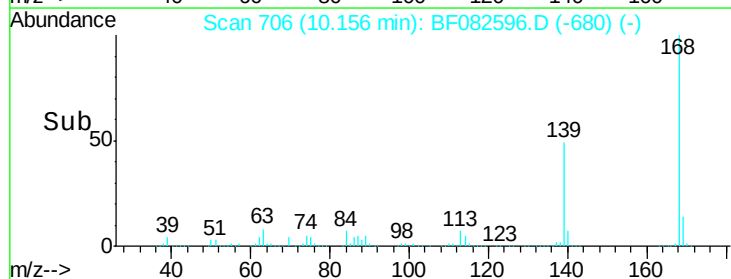
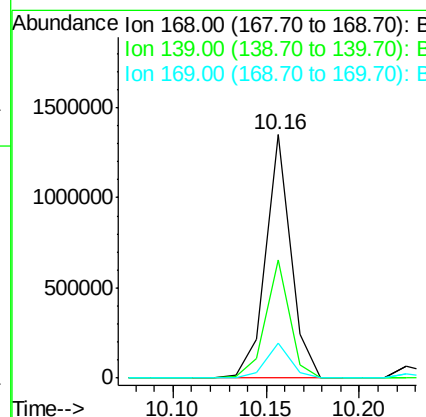
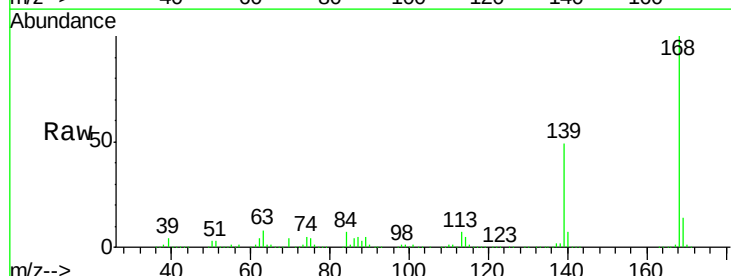
Manual Integrations
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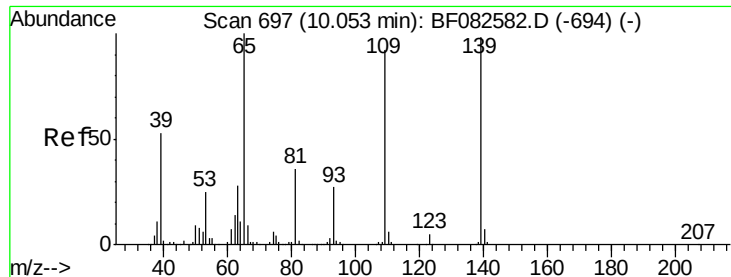
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11/2/2015 4:32:12 PM



#54
Dibenzofuran
Concen: 35.04 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1255862		
139	48.8	37.8	56.6	
169	14.2	11.3	16.9	





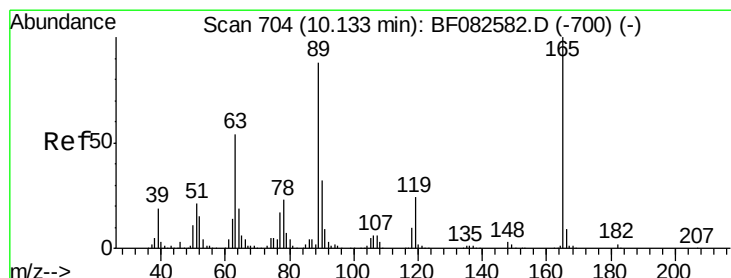
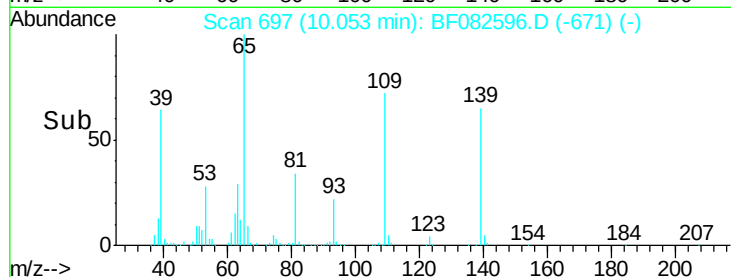
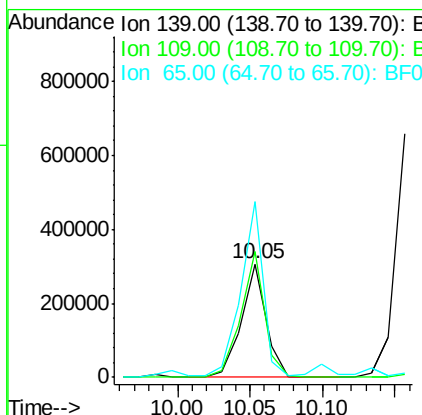
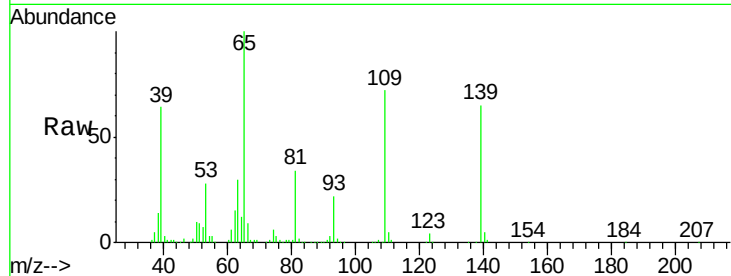
#55
4-Nitrophenol
Concen: 64.92 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	362783		
109	110.9	73.7	113.7	
65	154.9	82.9	122.9#	

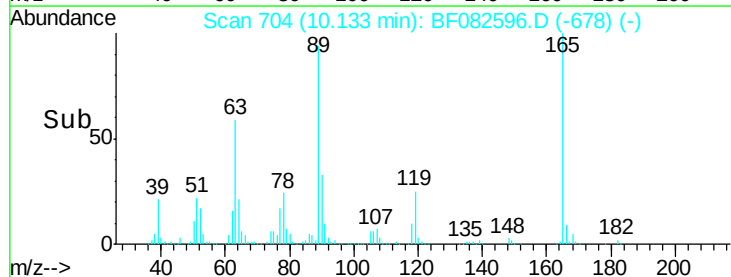
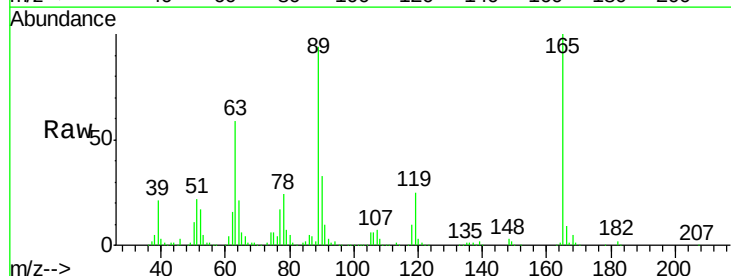
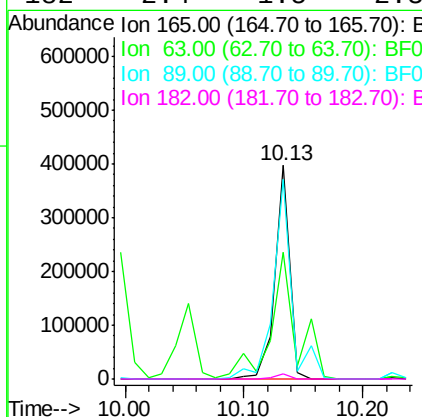
Manual Integrations
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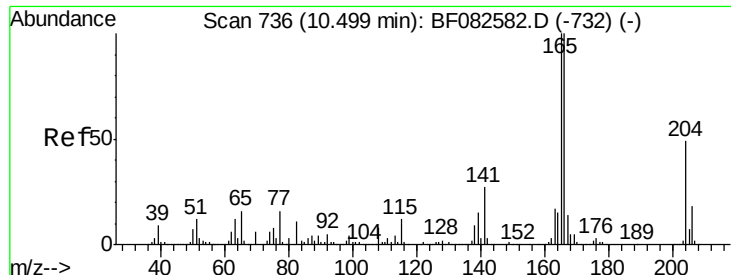
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#56
2,4-Dinitrotoluene
Concen: 38.00 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	343089		
63	59.2	43.4	65.0	
89	93.5	70.6	106.0	
182	2.4	1.5	2.3#	





#57

Fluorene

Concen: 36.35 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

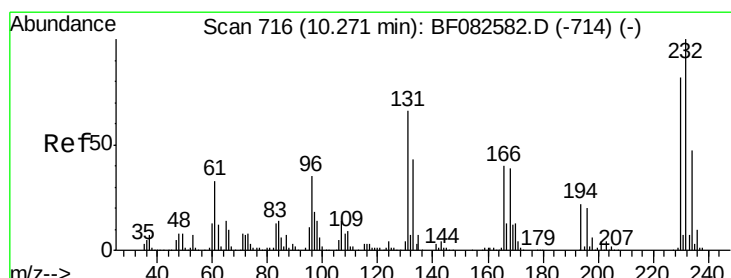
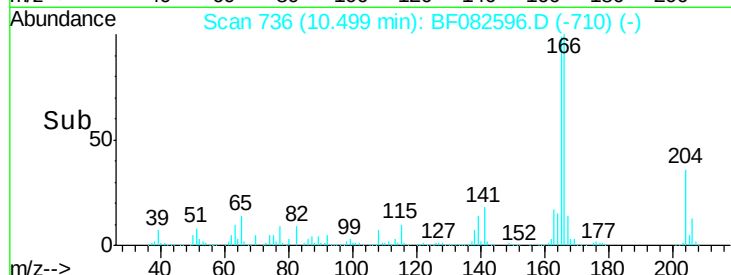
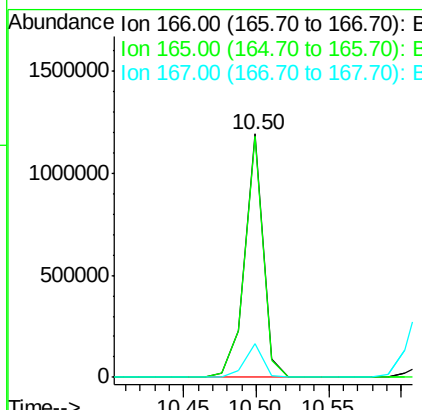
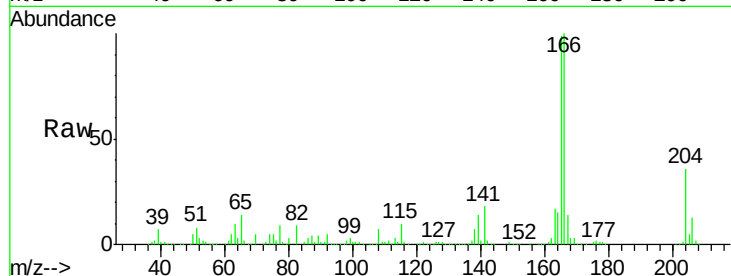
PB86326BS

Manual Integrations
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Tgt Ion:	166	Resp:	1050994
Ion Ratio	Lower	Upper	
166	100		
165	99.3	80.2	120.4
167	13.8	11.2	16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.06 ng

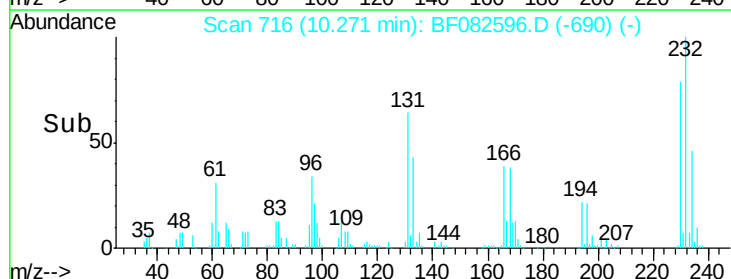
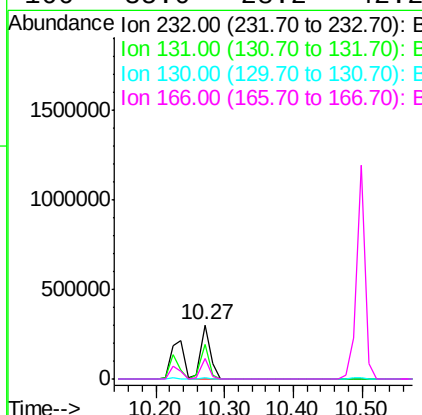
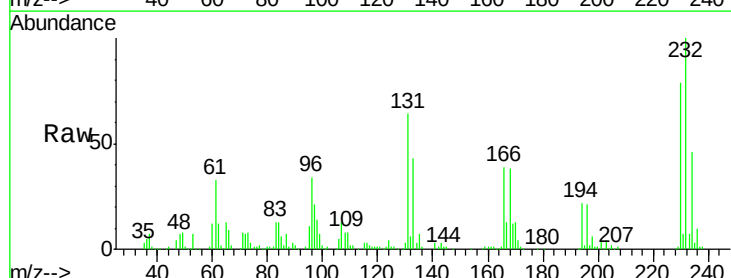
RT: 10.27 min Scan# 716

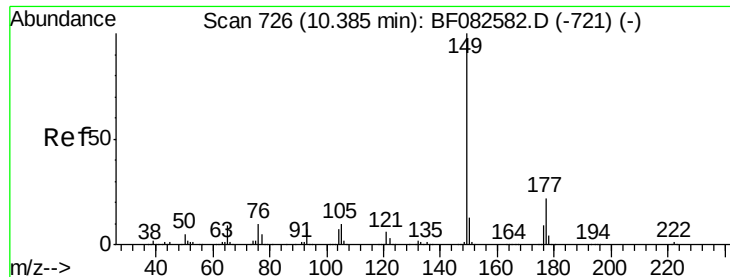
Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion:	232	Resp:	288580
Ion Ratio	Lower	Upper	
232	100		
131	57.0	46.2	69.2
130	2.8	2.4	3.6
166	35.0	28.2	42.2





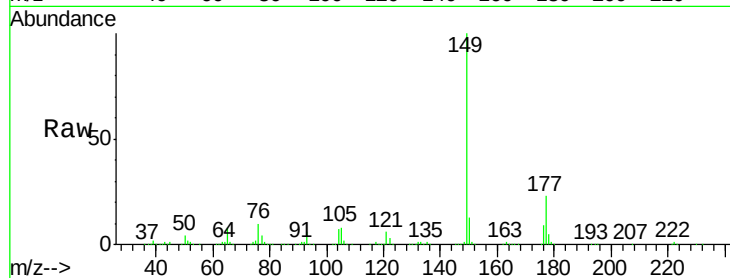
#59
Diethylphthalate
Concen: 38.53 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

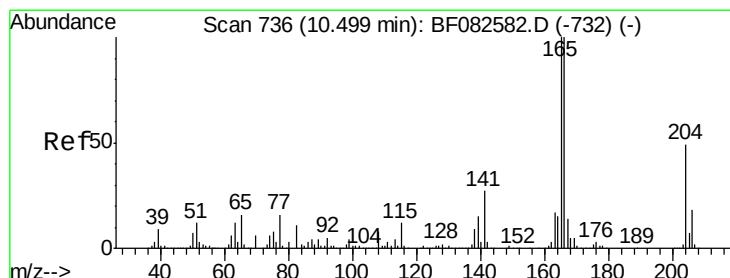
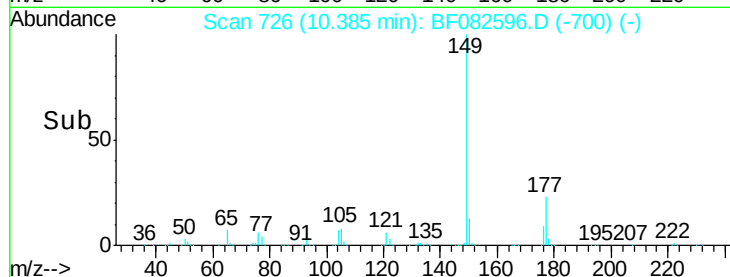
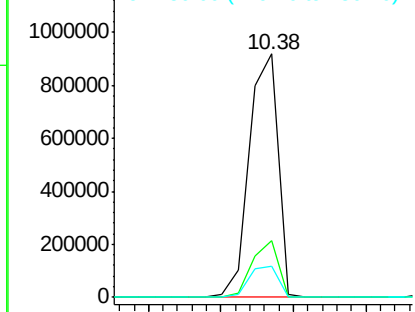
Tgt Ion:149 Resp: 1263284
Ion Ratio Lower Upper
149 100
177 23.3 17.9 26.9
150 12.7 10.1 15.1

Manual Integrations
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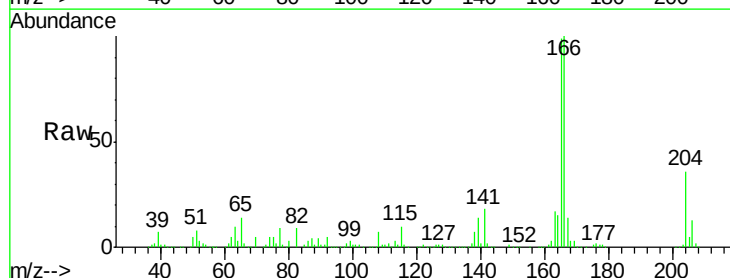


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

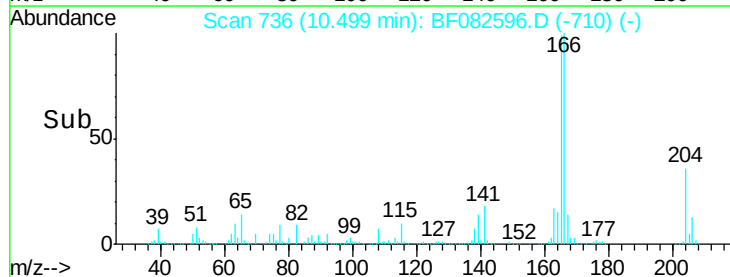
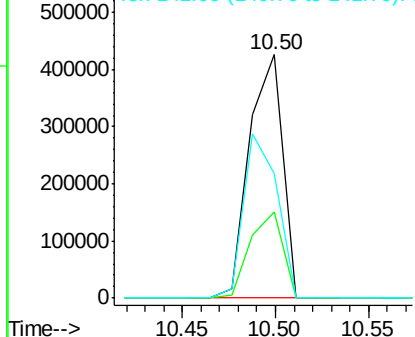


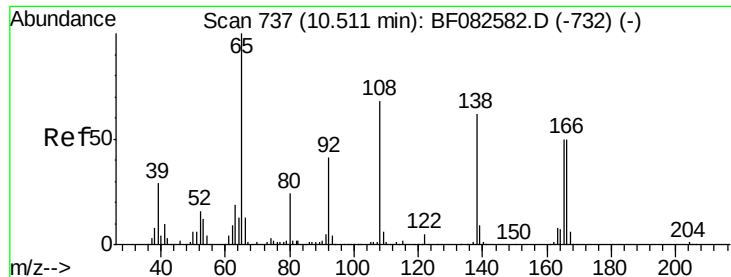
#60
4-Chlorophenyl-phenylether
Concen: 37.28 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion:204 Resp: 523811
Ion Ratio Lower Upper
204 100
206 35.4 28.5 42.7
141 51.1 44.6 66.8



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





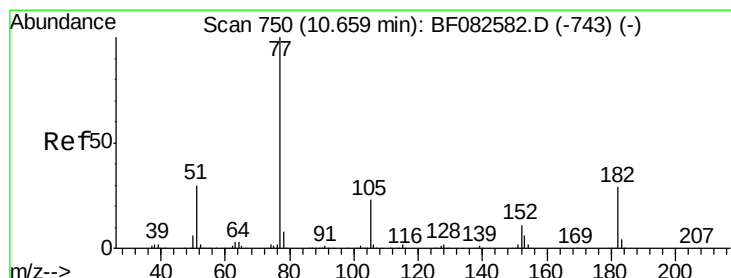
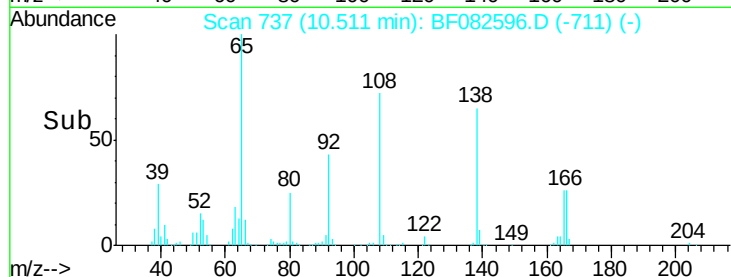
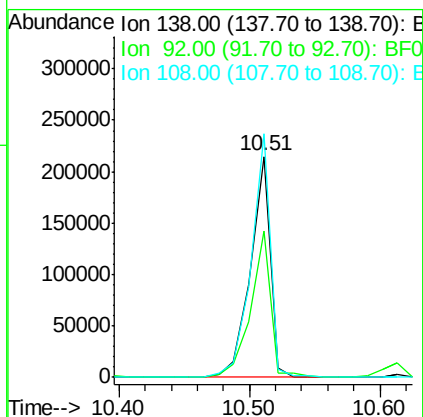
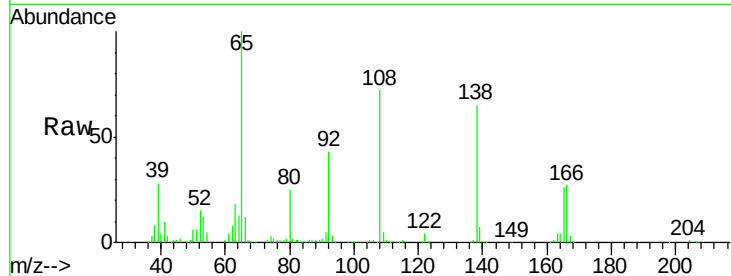
#61
4-Nitroaniline
Concen: 32.28 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	228757		
92	66.1	45.8	85.8	
108	110.4	89.4	129.4	

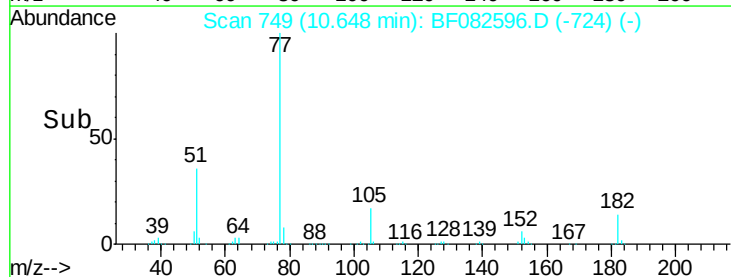
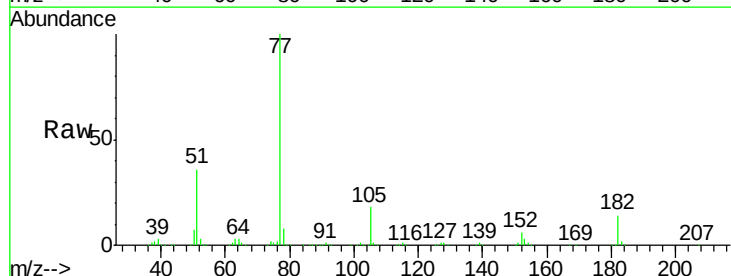
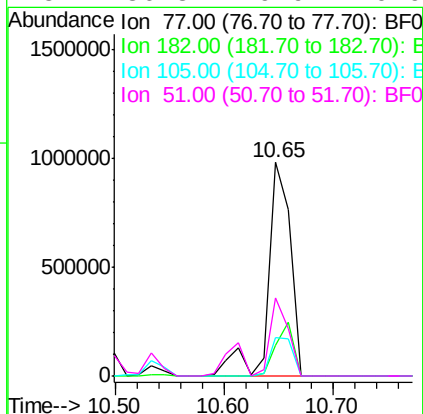
Manual Integrations
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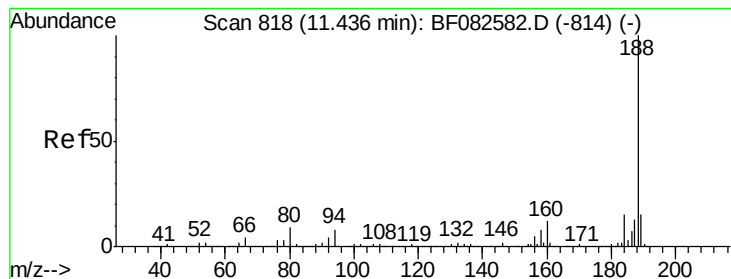
Mmdadoda
11/2/2015 4:32:12 PM



#62
Azobenzene
Concen: 37.99 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1404873		
182	14.2	9.3	49.3	
105	18.3	2.6	42.6	
51	36.3	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF082596.D

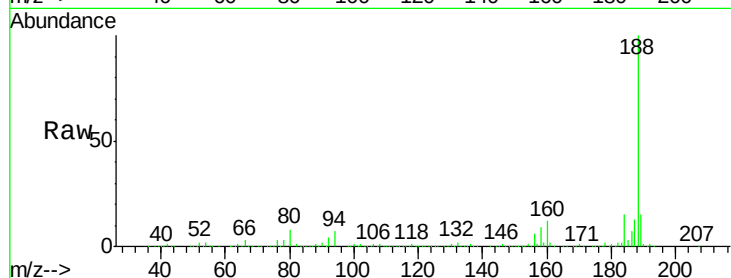
Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS



Tgt Ion:188 Resp: 718985

Ion Ratio Lower Upper

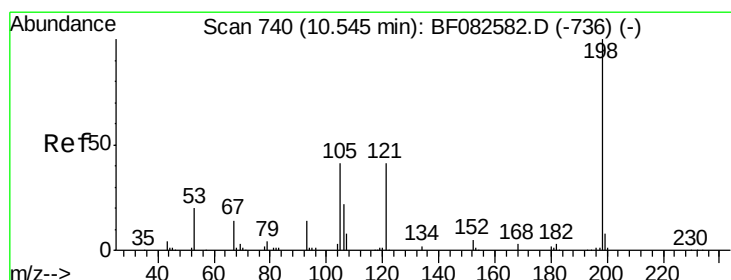
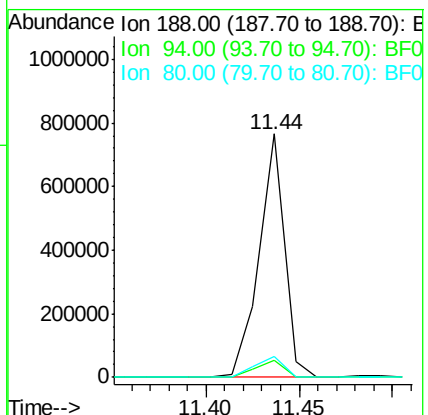
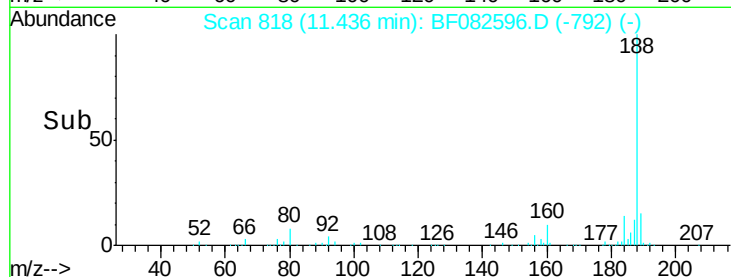
188 100

94 7.2 6.1 9.1

80 8.4 7.0 10.6

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 40.46 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

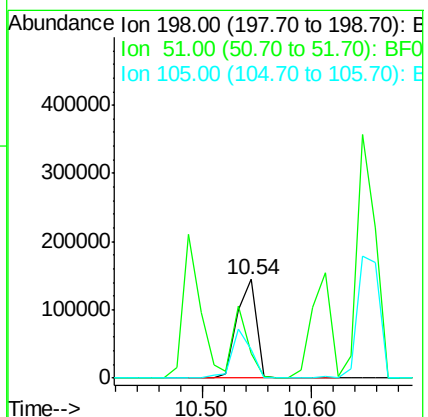
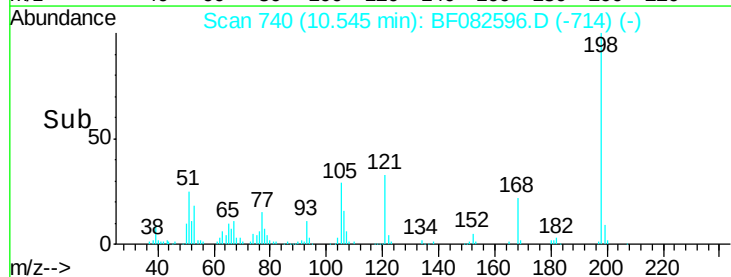
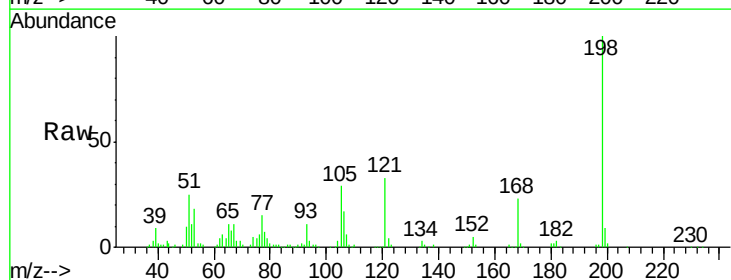
Tgt Ion:198 Resp: 175438

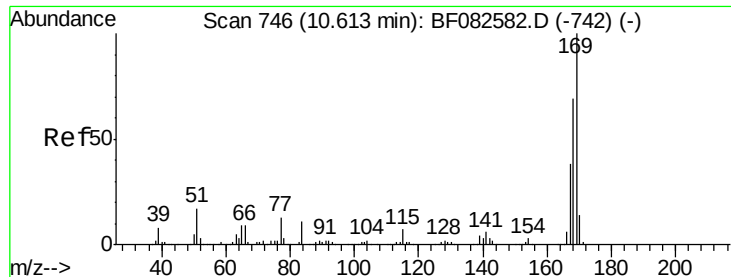
Ion Ratio Lower Upper

198 100

51 24.8 17.3 57.3

105 29.0 21.7 61.7





#65

n-Nitrosodiphenylamine

Concen: 40.74 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

Tgt Ion:169 Resp: 1006836

Ion Ratio Lower Upper

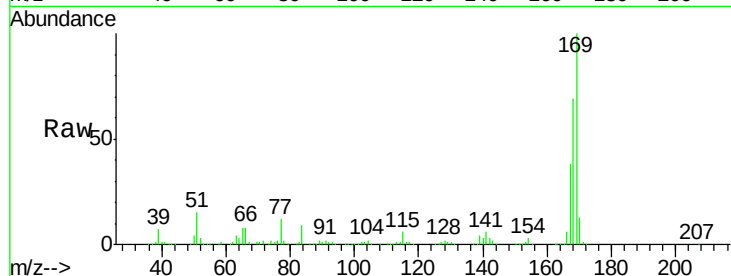
169 100

168 68.9 55.0 82.6

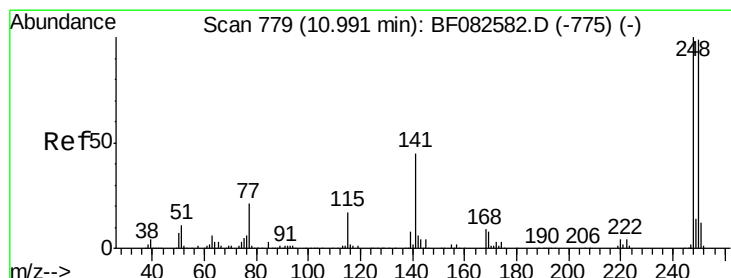
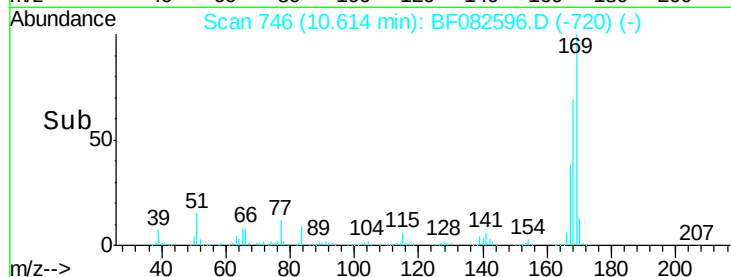
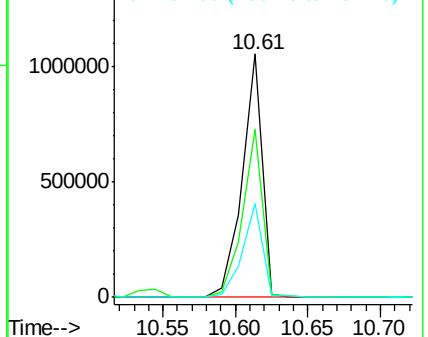
167 38.4 30.5 45.7

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.24 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

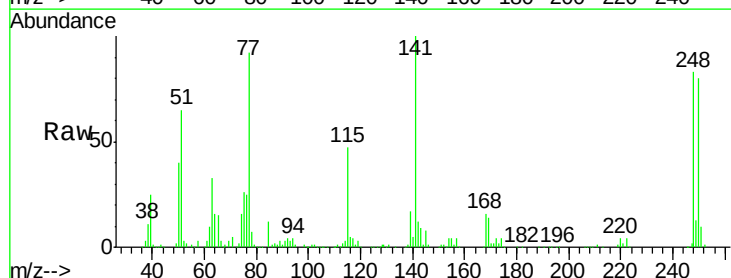
Tgt Ion:248 Resp: 295312

Ion Ratio Lower Upper

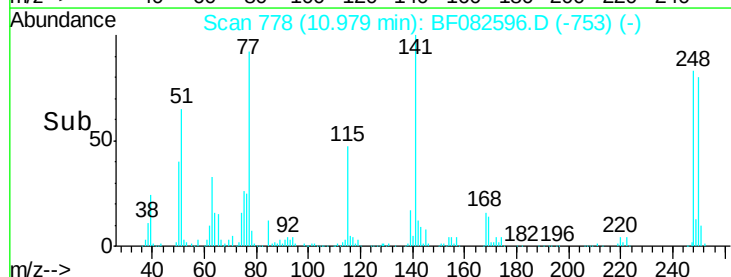
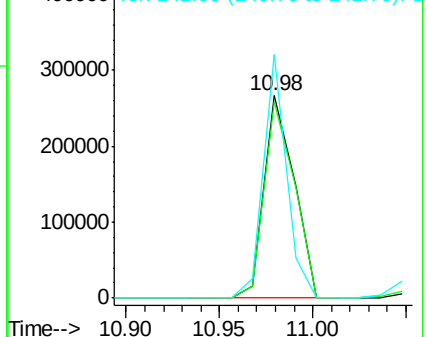
248 100

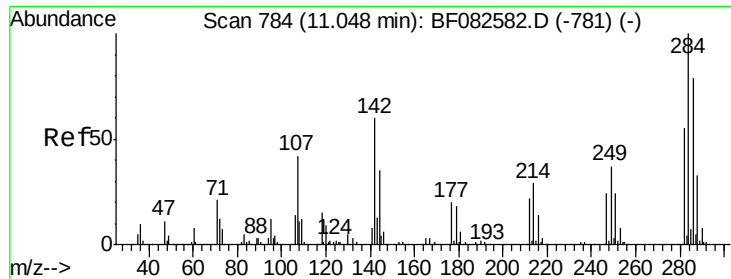
250 96.7 79.4 119.2

141 120.3 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.59 ng

RT: 11.05 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

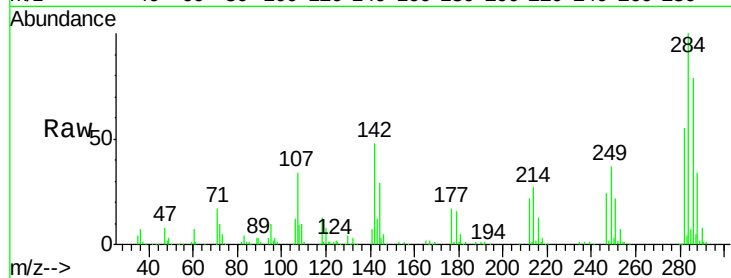
ClientSampleId :

PB86326BS

Tgt Ion:	284	Resp:	330546
Ion Ratio	Lower	Upper	
284	100		
142	47.8	47.9	71.9#
249	36.6	29.7	44.5

Manual Integrations
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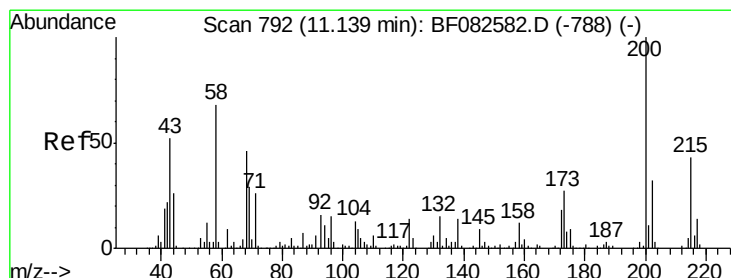
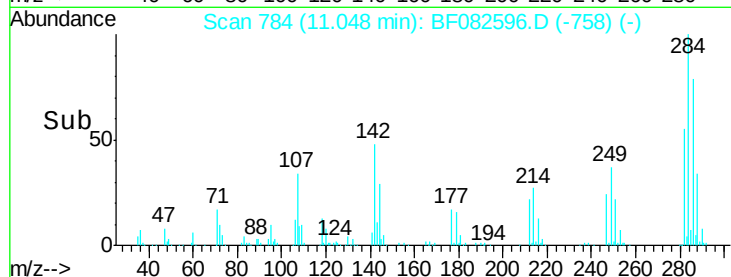
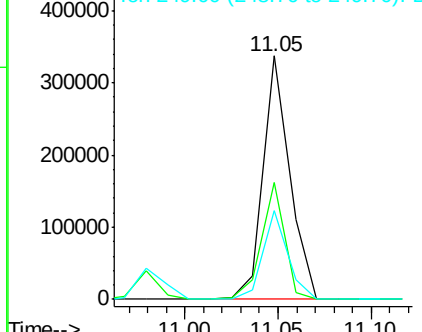
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.84 ng

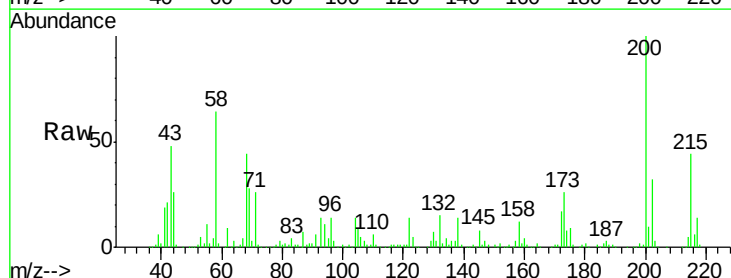
RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

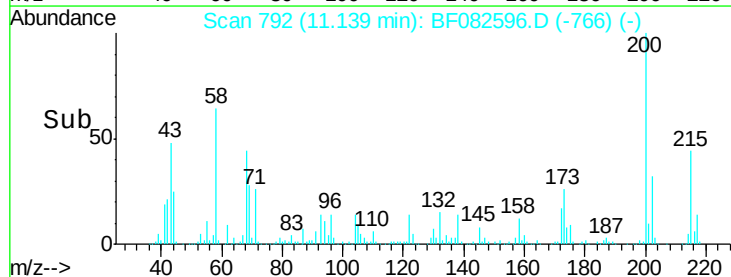
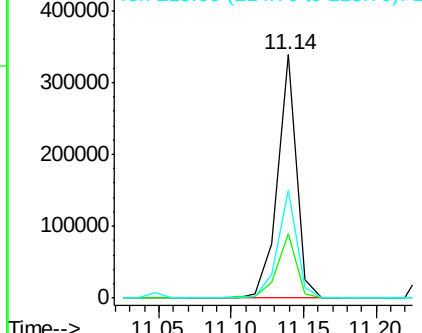
Tgt Ion:	200	Resp:	305990
Ion Ratio	Lower	Upper	
200	100		
173	26.4	6.9	46.9
215	44.1	22.9	62.9

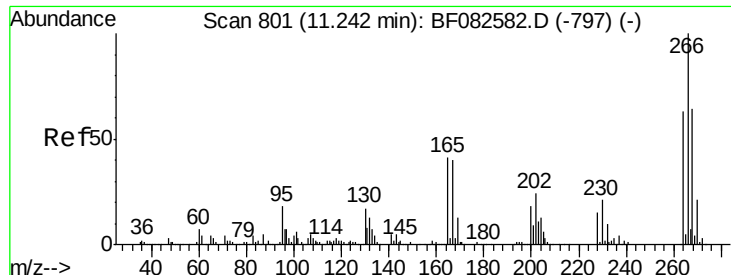


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





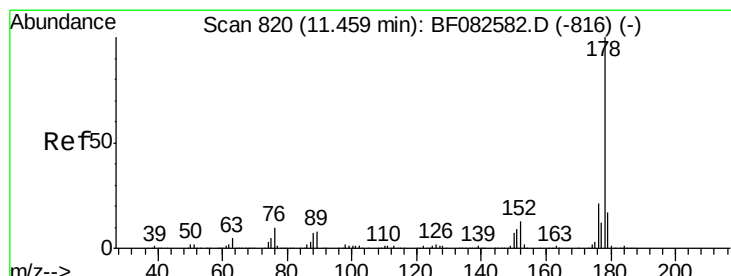
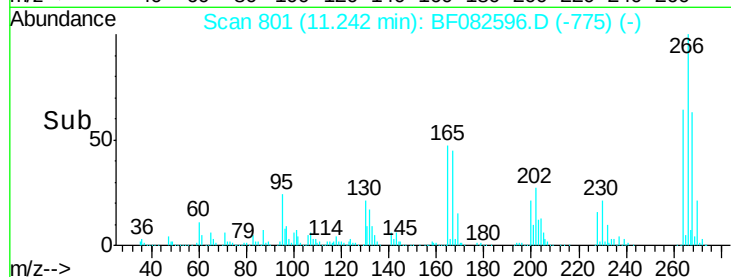
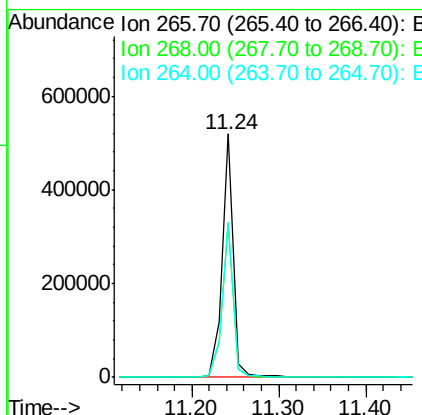
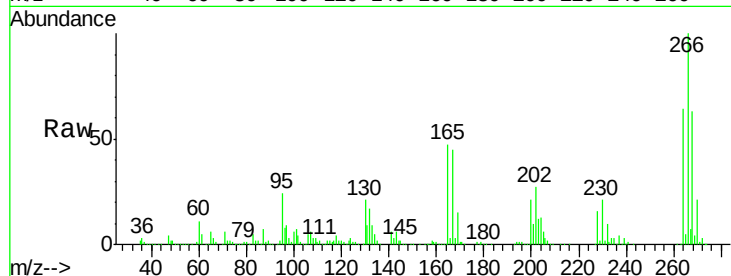
#69
 Pentachlorophenol
 Concen: 79.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	470651		
268	63.0	51.0	76.6	
264	63.6	50.6	75.8	

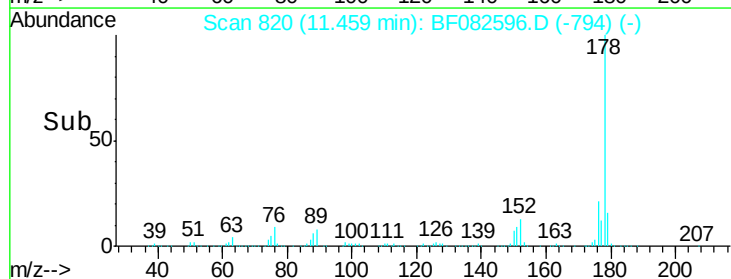
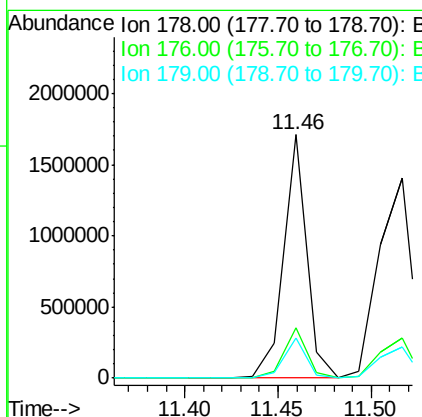
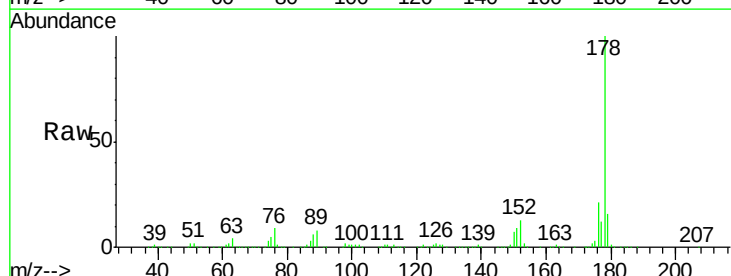
Manual Integrations
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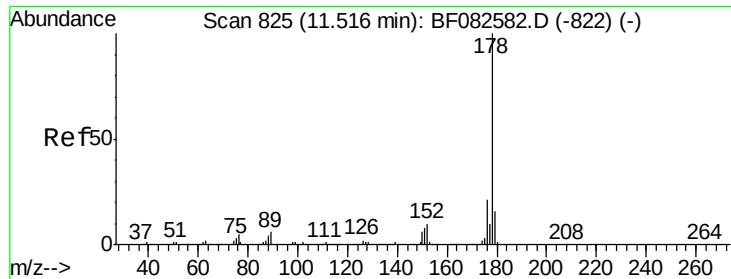
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#70
 Phenanthrene
 Concen: 36.57 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1482856		
176	20.5	17.0	25.4	
179	16.3	13.4	20.0	





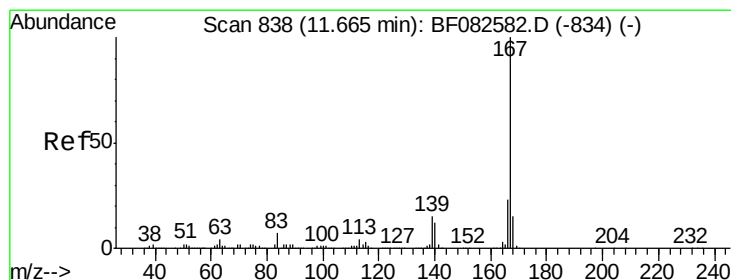
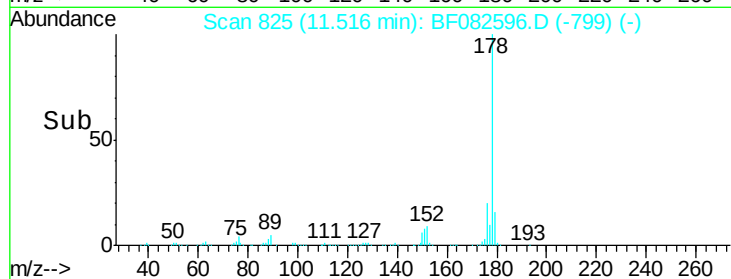
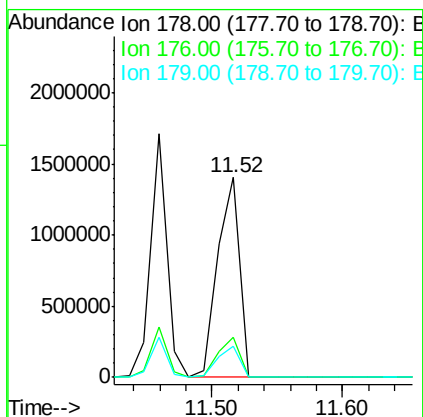
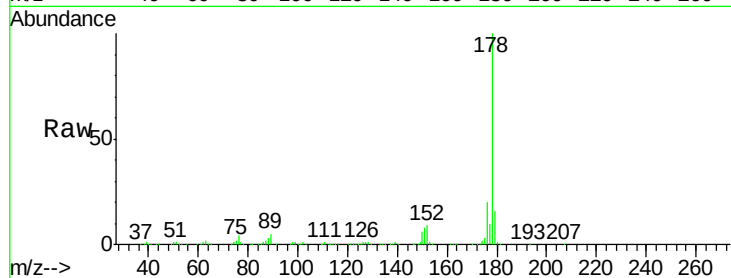
#71
 Anthracene
 Concen: 40.38 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

Tgt Ion:178 Resp: 1648616
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.5 24.7
 179 15.7 13.2 19.8

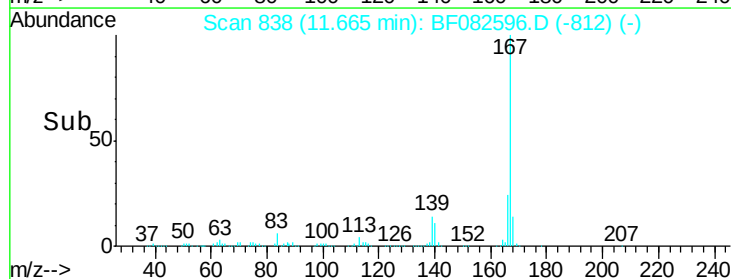
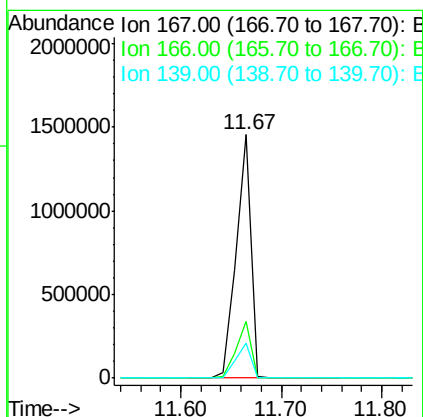
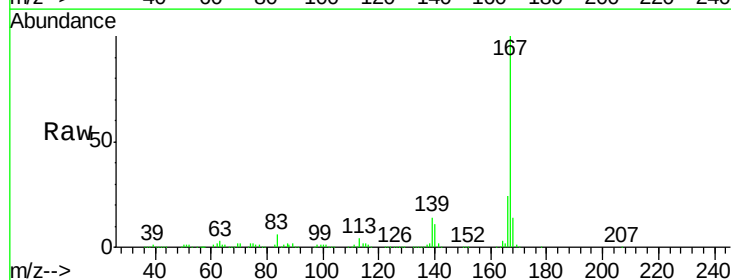
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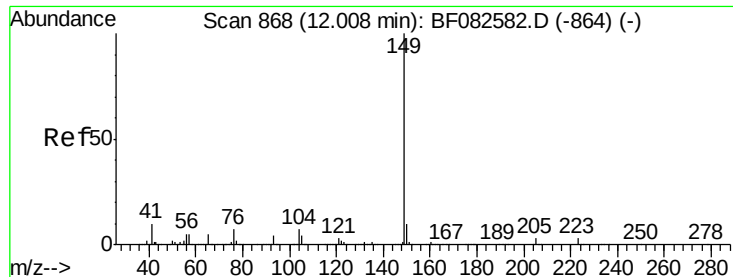
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 11/2/2015 4:32:12 PM



#72
 Carbazole
 Concen: 41.41 ng
 RT: 11.67 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion:167 Resp: 1472846
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.7 28.1
 139 14.3 11.8 17.6





#73

Di-n-butylphthalate

Concen: 41.85 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

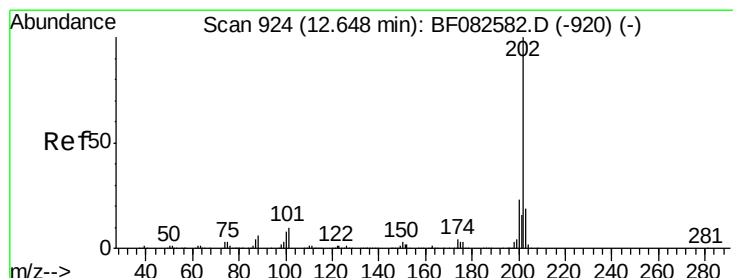
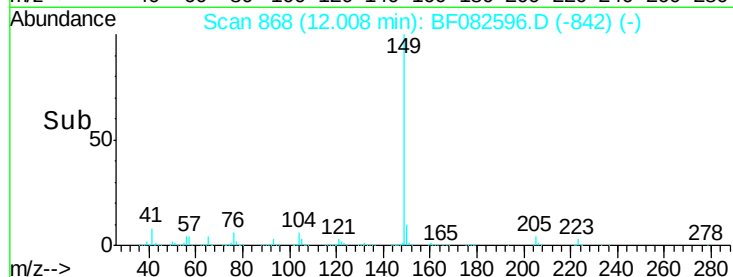
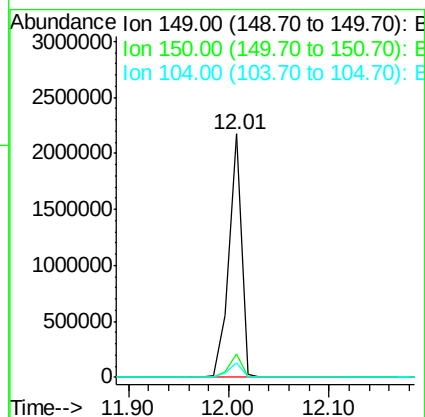
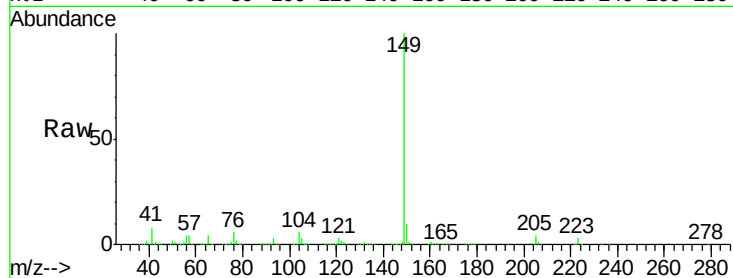
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Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	6.0	5.2	7.8



#74

Fluoranthene

Concen: 38.09 ng

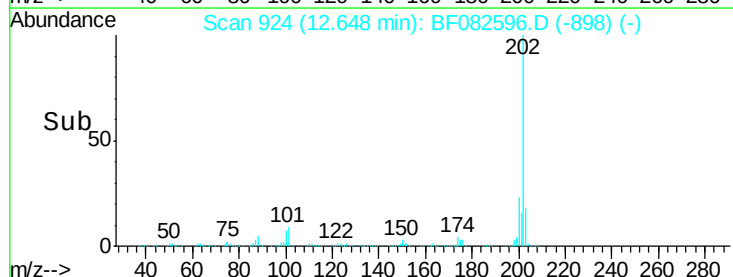
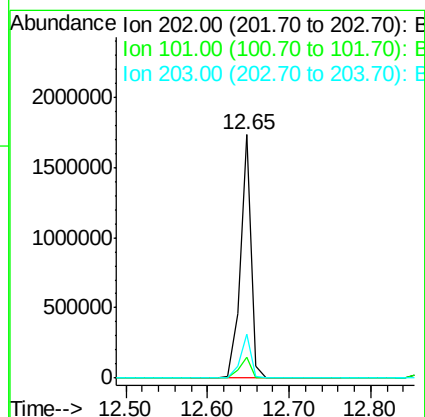
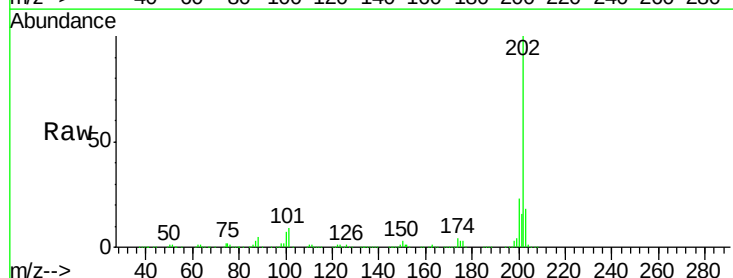
RT: 12.65 min Scan# 924

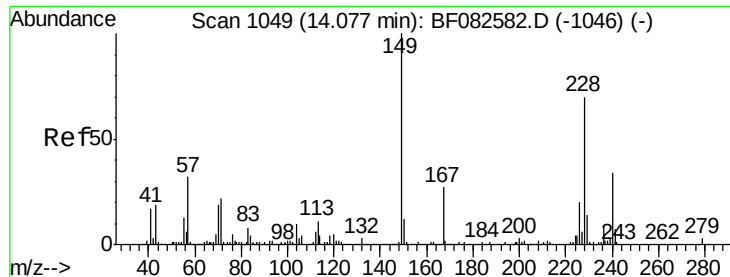
Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.5
203	18.1	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

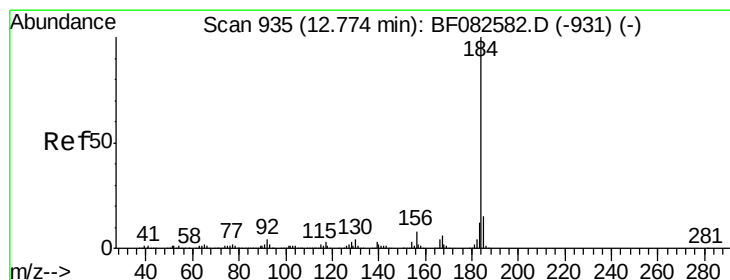
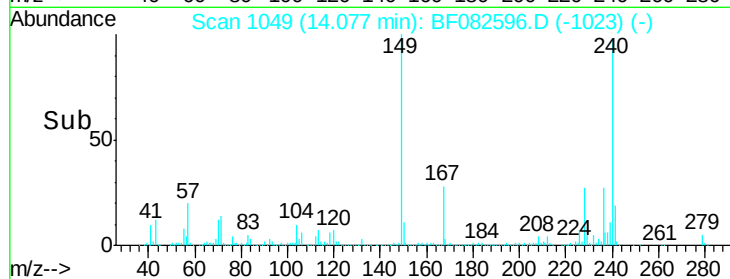
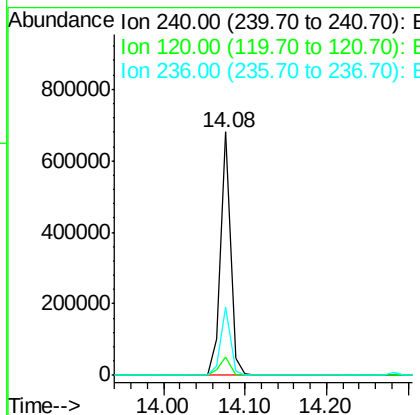
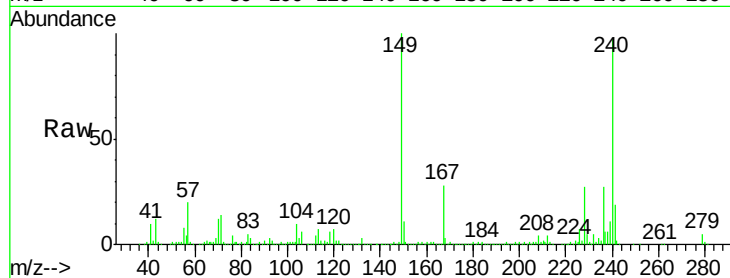
ClientSampleId :

PB86326BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	577613		
120	7.3	10.9	16.3	
236	27.8	21.6	32.4	

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#76

Benzidine

Concen: 19.10 ng

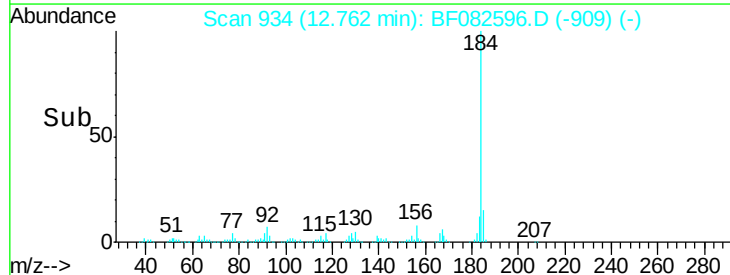
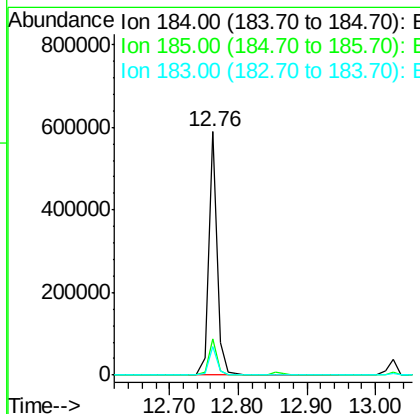
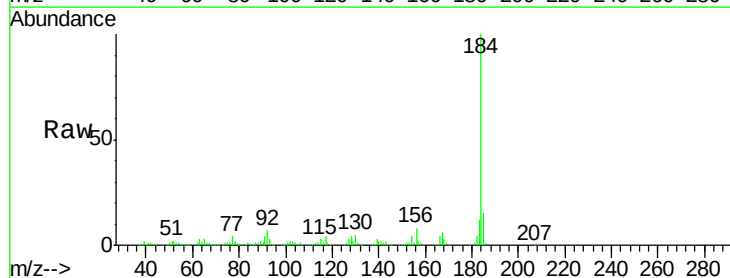
RT: 12.76 min Scan# 934

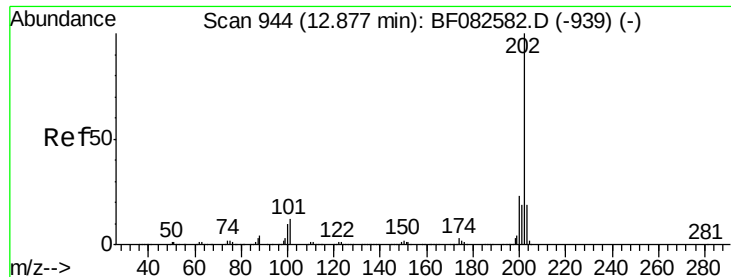
Delta R.T. -0.01 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	497561		
185	14.8	12.0	18.0	
183	11.8	9.6	14.4	





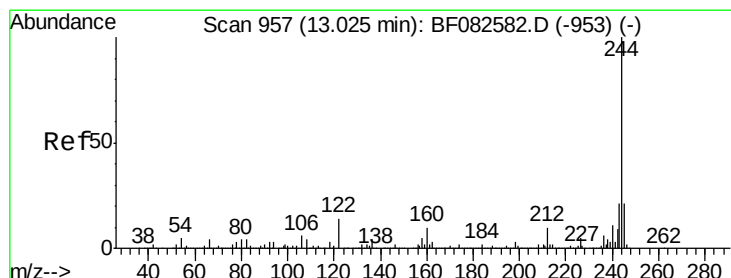
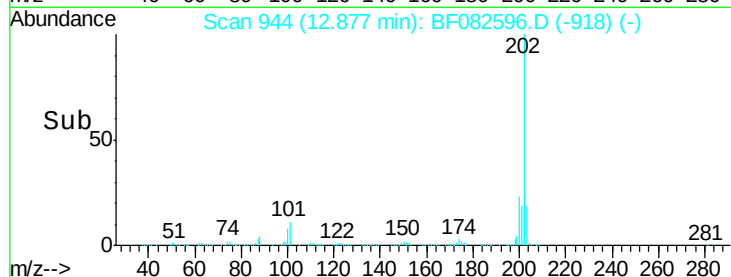
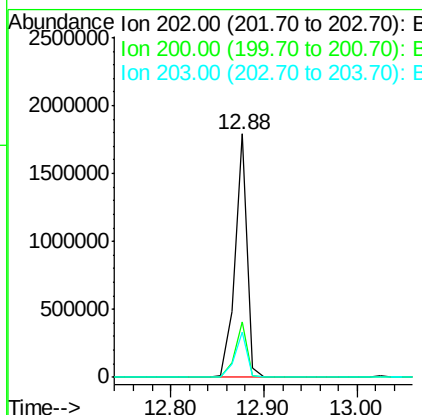
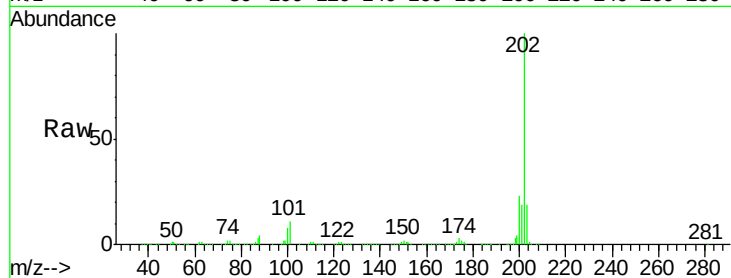
#77
 Pyrene
 Concen: 37.99 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.7	28.1
203	18.7	14.8	22.2

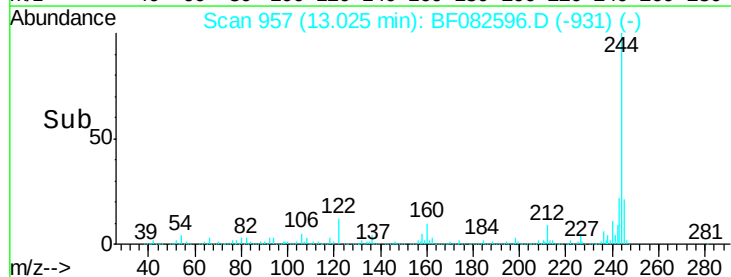
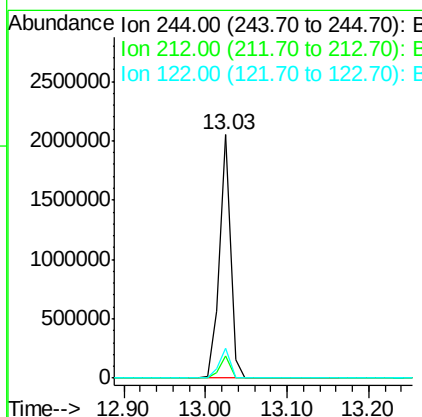
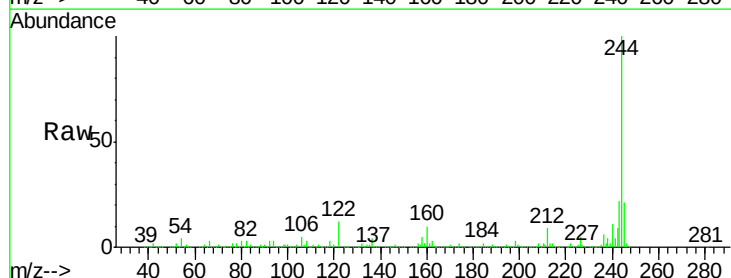
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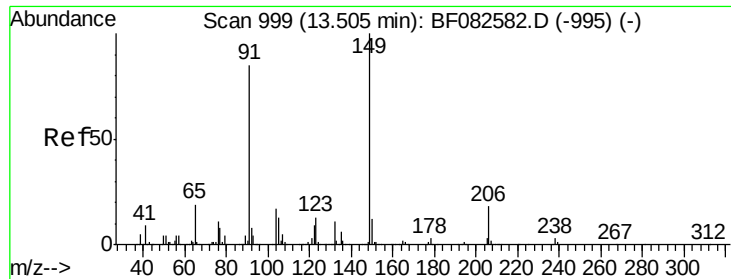
Mmdadoda
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#78
 Terphenyl-d14
 Concen: 72.64 ng
 RT: 13.03 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.6	11.4
122	12.4	11.3	16.9





#79

Butylbenzylphthalate

Concen: 41.72 ng

RT: 13.51 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

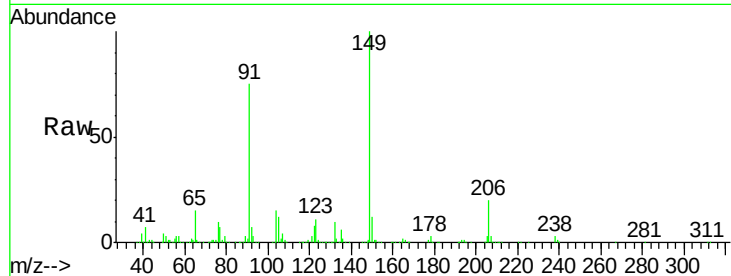
ClientSampleId :

PB86326BS

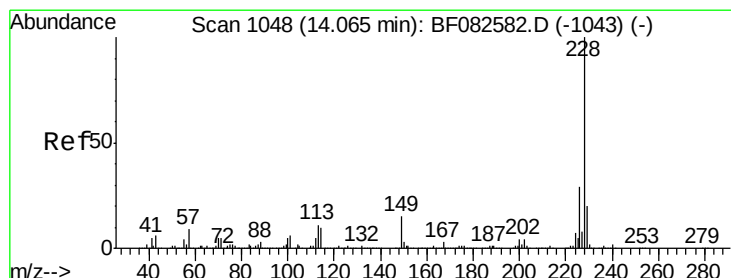
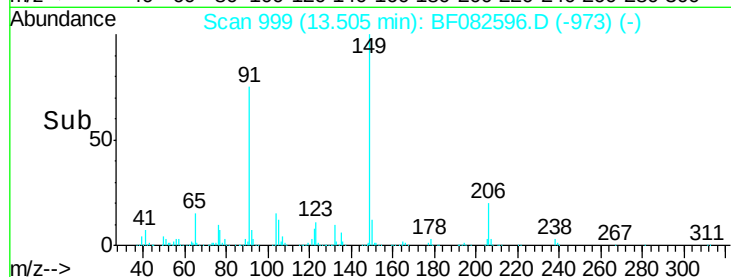
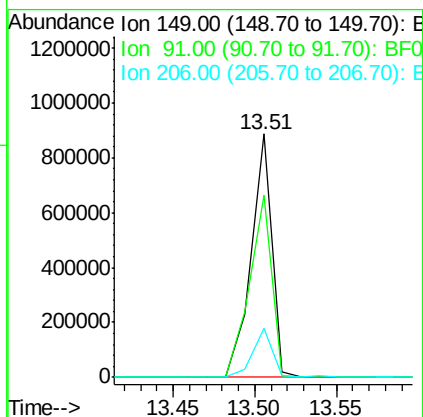
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Tgt Ion:	149	Resp:	781566
Ion Ratio	Lower	Upper	
149	100		
91	75.0	67.7	101.5
206	20.0	14.6	22.0



#80

Benzo(a)anthracene

Concen: 36.57 ng

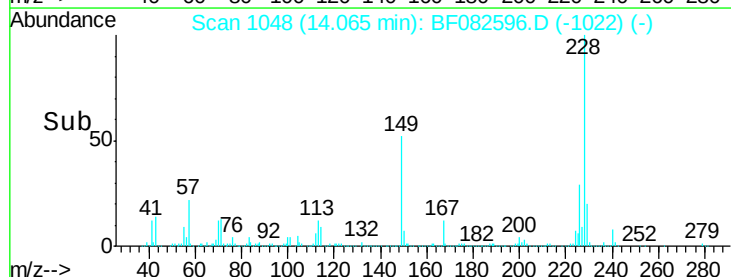
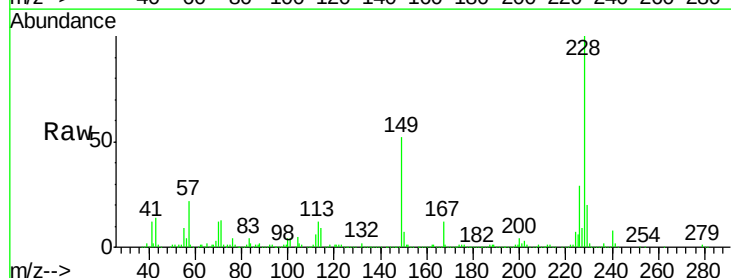
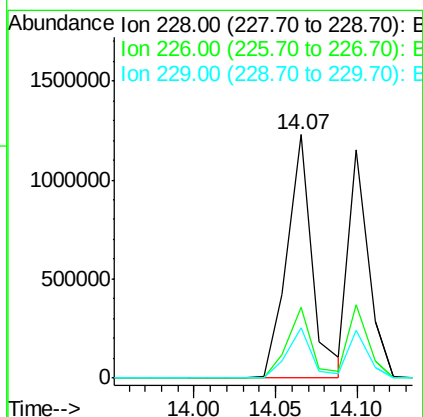
RT: 14.07 min Scan# 1048

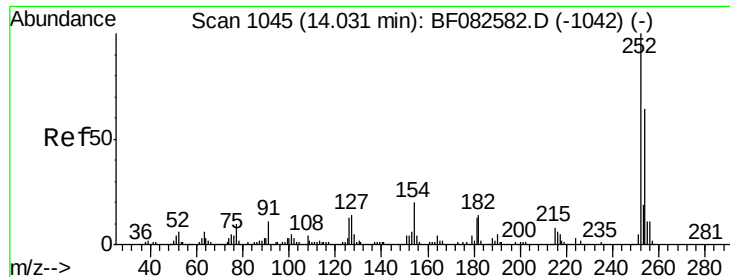
Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion:	228	Resp:	1341924
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.4	35.2
229	20.5	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 16.80 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

Tgt Ion: 252 Resp: 212467
Ion Ratio Lower Upper

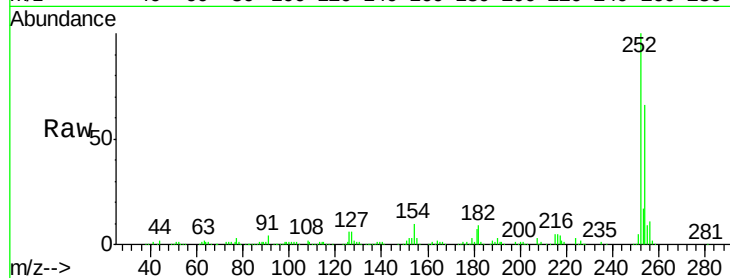
252 100

254 66.3 51.4 77.0

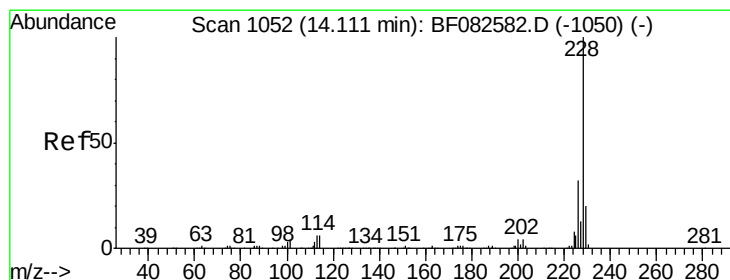
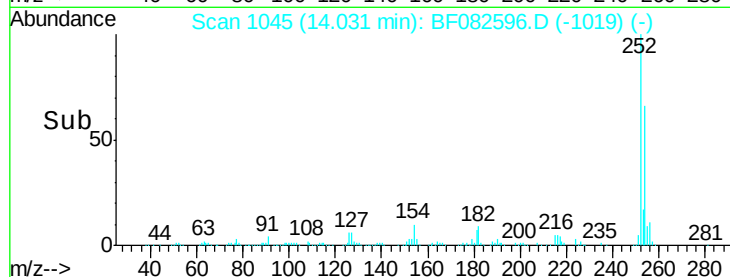
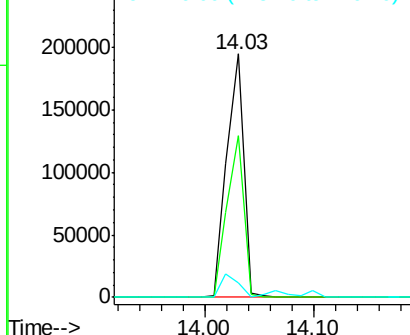
126 6.0 10.7 16.1#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 30.21 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF082596.D

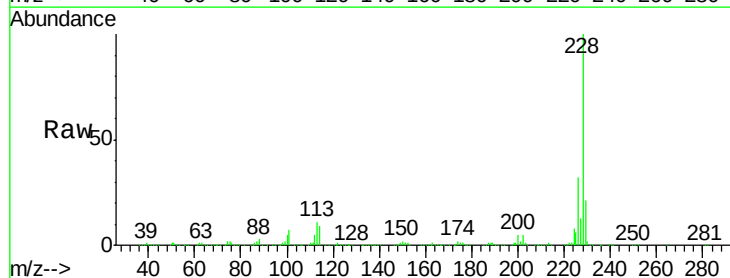
Acq: 31 Oct 2015 2:59

Tgt Ion: 228 Resp: 1004542
Ion Ratio Lower Upper

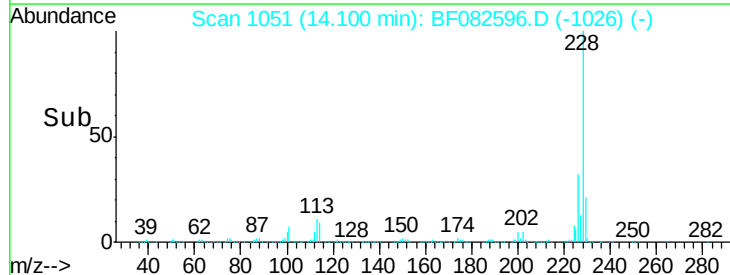
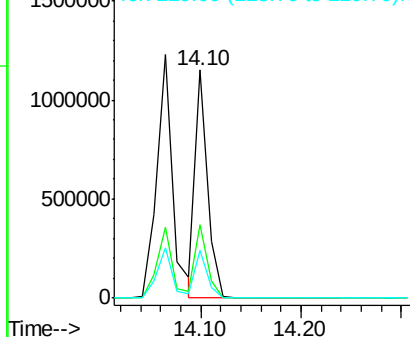
228 100

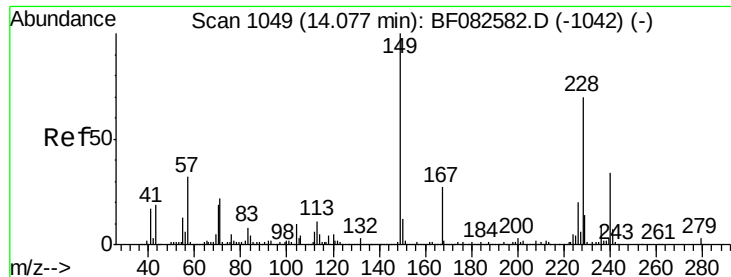
226 32.0 25.5 38.3

229 20.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.86 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF082596.D

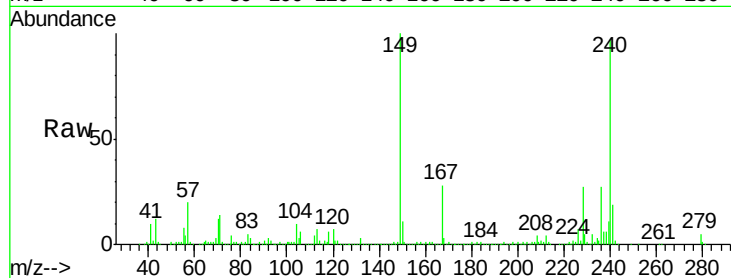
Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

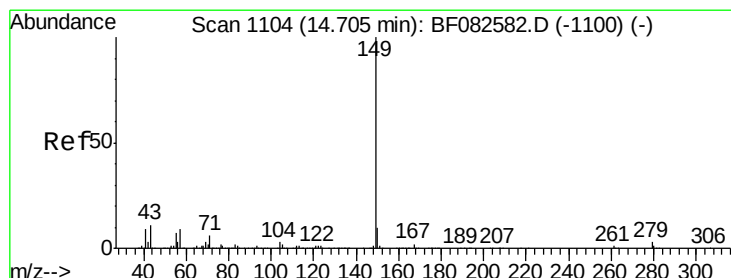
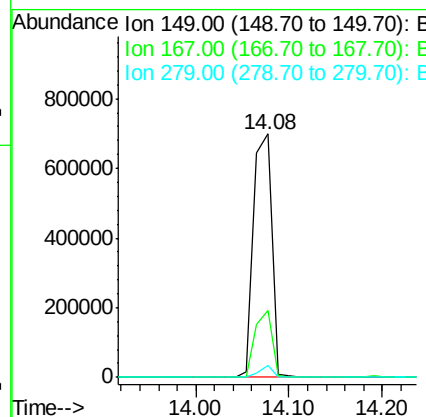
PB86326BS



Tgt Ion:	149	Resp:	943704
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.2	31.8
279	4.9	2.2	3.2#

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#84

Di-n-octyl phthalate

Concen: 38.02 ng

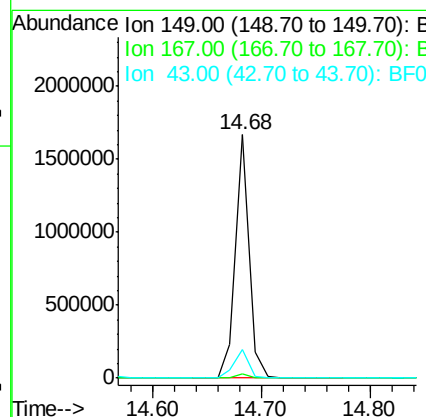
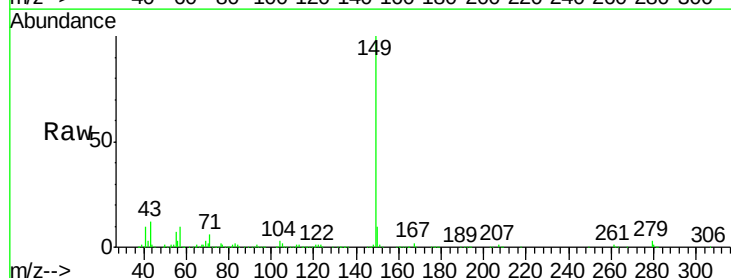
RT: 14.68 min Scan# 1102

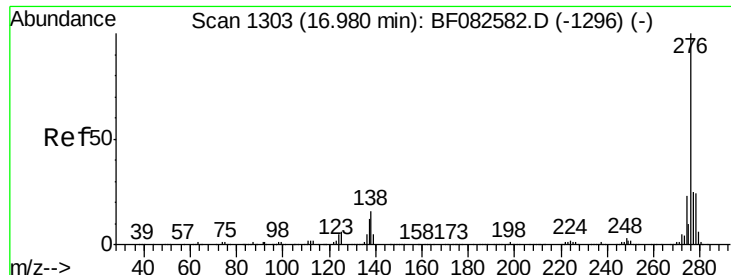
Delta R.T. -0.02 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion:	149	Resp:	1440116
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	12.8	10.1	15.1





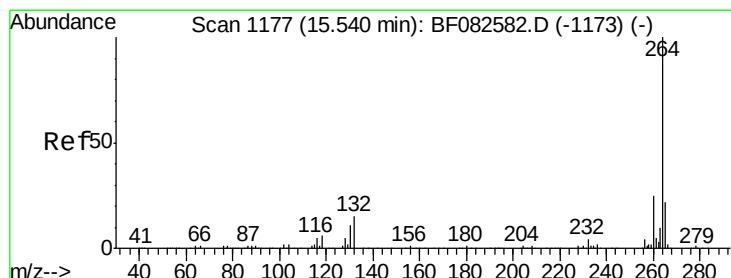
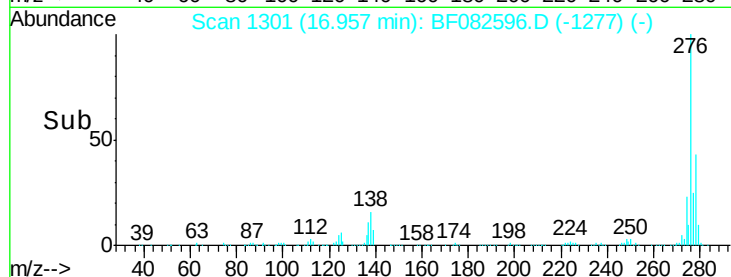
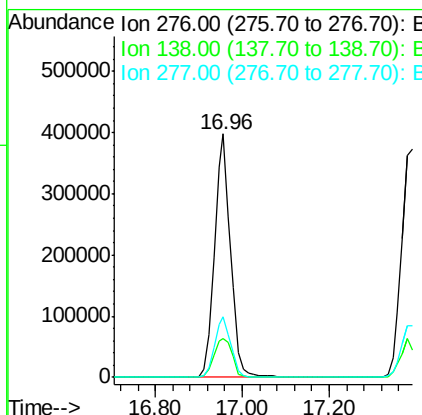
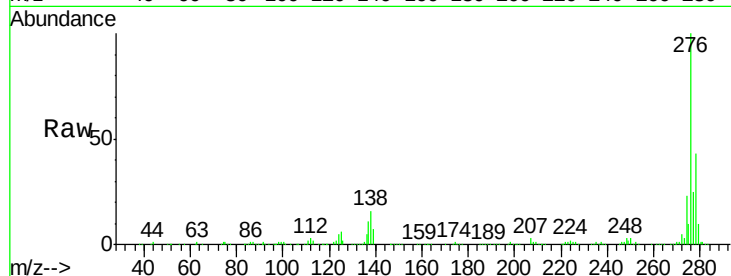
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.96 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86326BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.3	22.9
277	25.3	20.2	30.4

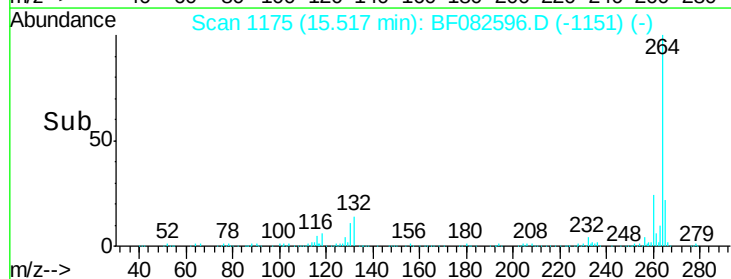
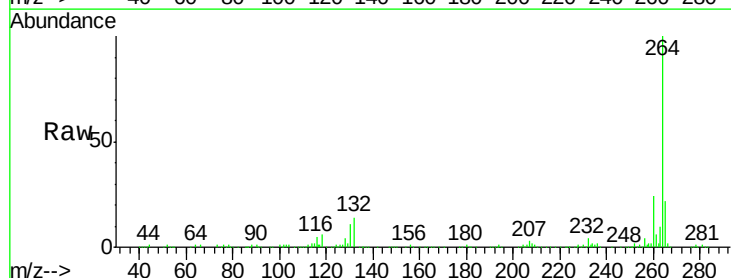
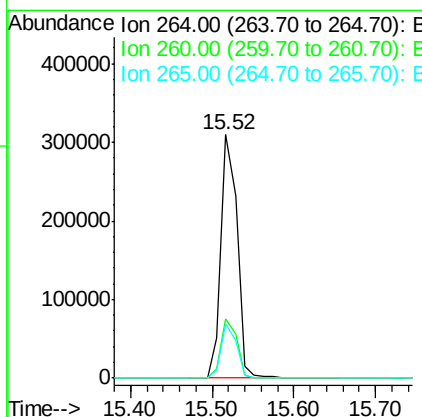
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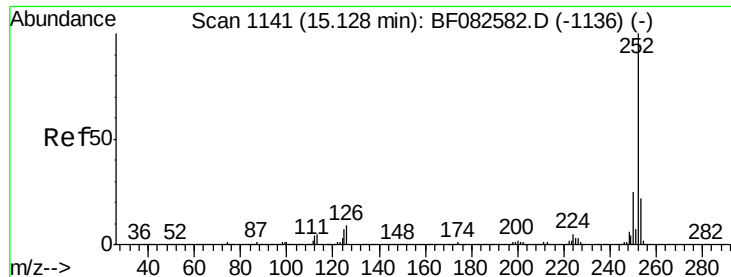
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF082596.D
 Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 33.32 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

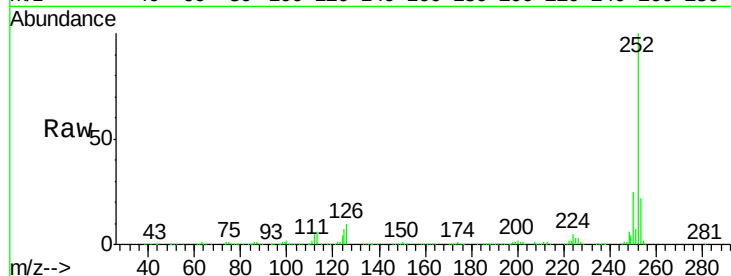
ClientSampleId :

PB86326BS

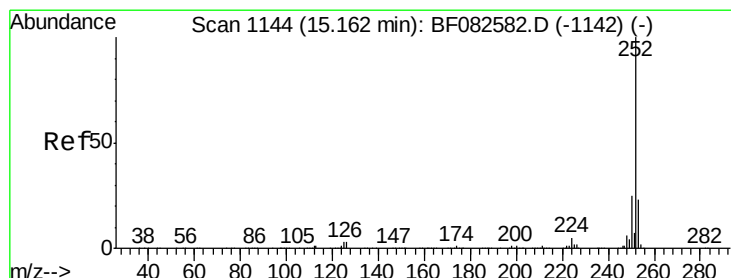
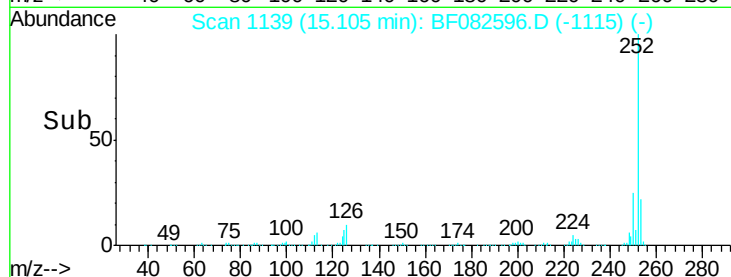
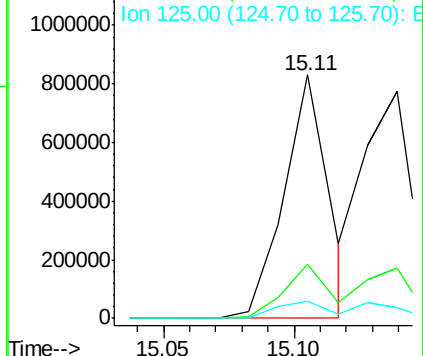
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	7.3	5.4	8.2

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



#88

Benzo(k)fluoranthene

Concen: 44.14 ng m

RT: 15.14 min Scan# 1142

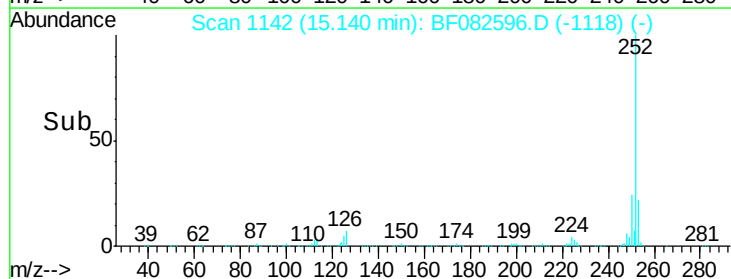
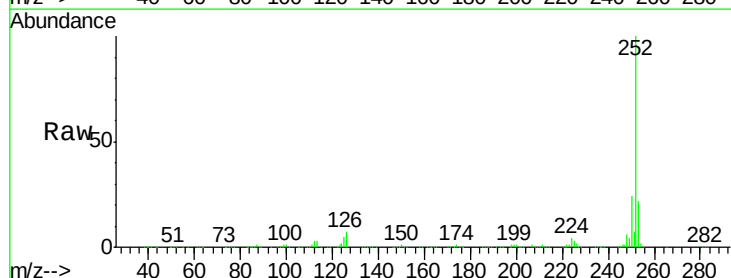
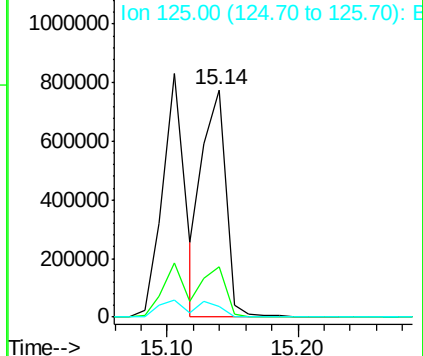
Delta R.T. -0.02 min

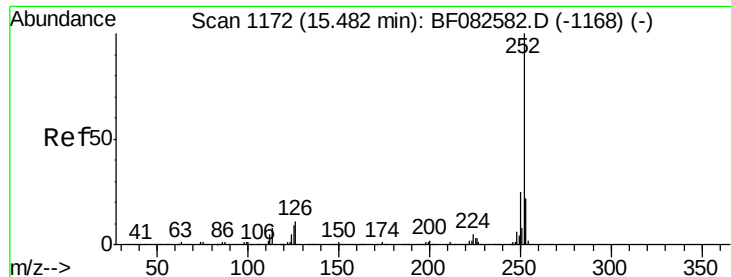
Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	4.9	3.5	5.3

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





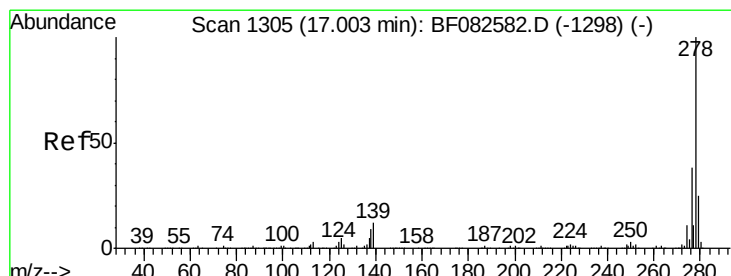
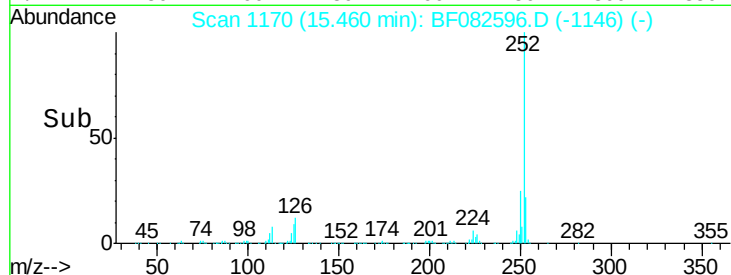
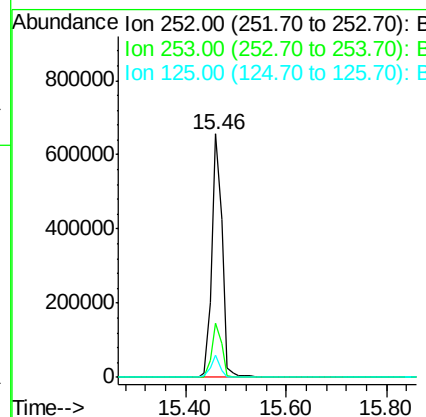
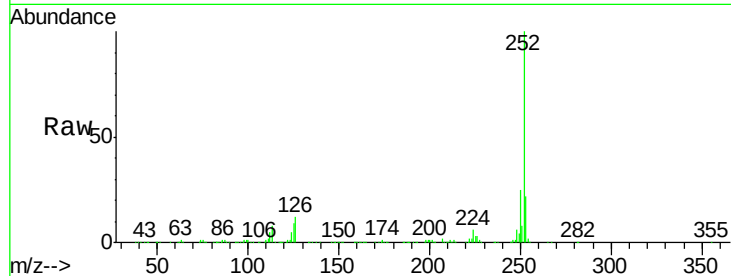
#89
Benzo(a)pyrene
Concen: 40.18 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	9.2	7.1	10.7

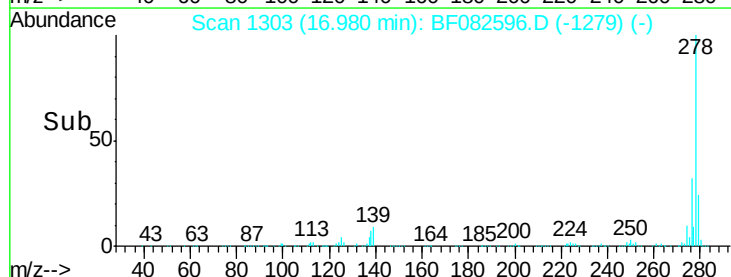
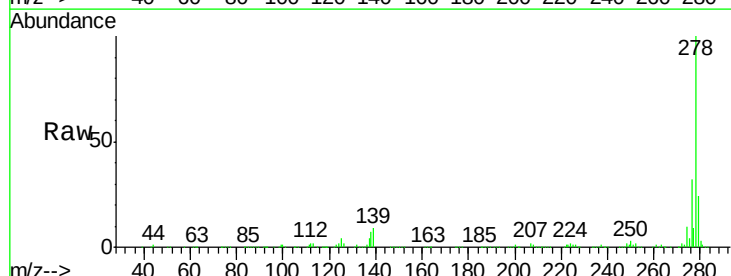
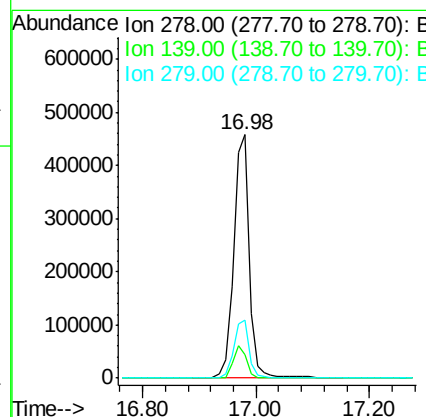
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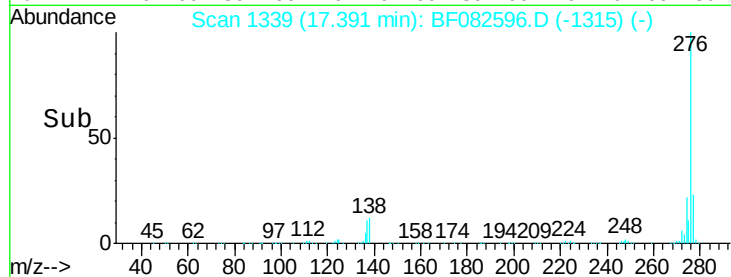
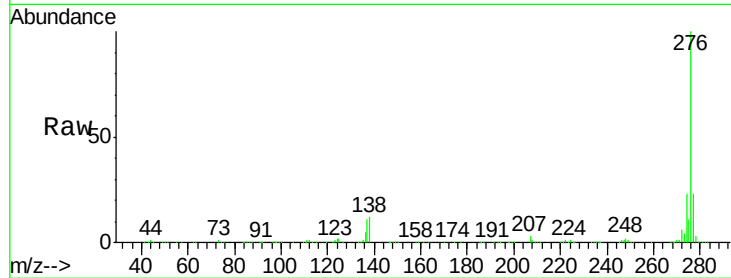
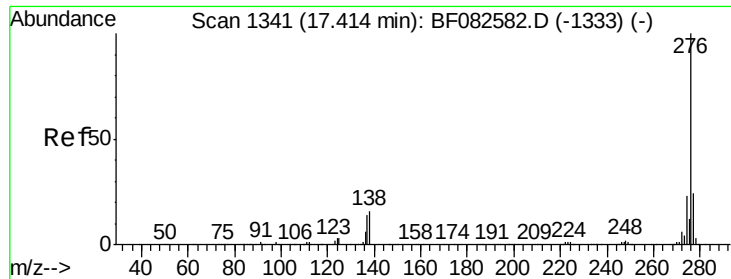
Mmdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 40.71 ng
RT: 16.98 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF082596.D
Acq: 31 Oct 2015 2:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.5	9.9	14.9#
279	23.9	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 41.12 ng

RT: 17.39 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF082596.D

Acq: 31 Oct 2015 2:59

Instrument :

BNA_F

ClientSampleId :

PB86326BS

Tgt	Ion	Ratio	Resp:	Lower	Upper
276	100		859686		
277	22.8	19.2		28.8	
138	12.3	13.1		19.7	

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