

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082287.D
 Acq On : 14 Oct 2015 19:10
 Operator : UM/IZ
 Sample : G4016-10MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Manual Integrations
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 10/15/2015 4:55:42 PM

Quant Time: Oct 15 03:51:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	77627	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	314237	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	158331	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	298955	20.00	ng	0.00
75) Chrysene-d12	14.07	240	236567	20.00	ng	-0.06
86) Perylene-d12	15.62	264	186393	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	380674	98.97	ng	0.02
7) Phenol-d6	6.47	99	944646	188.73	ng	0.00
23) Nitrobenzene-d5	7.41	82	872075	186.37	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	27735	18.68	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1633386	171.08	ng	0.00
78) Terphenyl-d14	12.97	244	1765530	197.77	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	62891	32.54	ng	93
3) Pyridine	3.14	79	162046	36.05	ng	96
4) n-Nitrosodimethylamine	3.11	42	79530	41.72	ng	96
6) Aniline	6.49	93	122980	19.06	ng	# 90
8) 2-Chlorophenol	6.61	128	105471	22.46	ng	84
9) Benzaldehyde	6.37	77	101451	39.69	ng	91
10) Phenol	6.48	94	190255	32.97	ng	85
11) bis(2-Chloroethyl)ether	6.56	93	207709	42.56	ng	89
12) 1,3-Dichlorobenzene	6.77	146	240245m	43.93	ng	
13) 1,4-Dichlorobenzene	6.85	146	246252	43.12	ng	96
14) 1,2-Dichlorobenzene	6.99	146	239633	44.19	ng	96
15) Benzyl Alcohol	6.97	79	164567	47.63	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	314679	46.30	ng	97
17) 2-Methylphenol	7.09	107	155968	42.01	ng	97
18) Hexachloroethane	7.34	117	85245	43.61	ng	# 82
19) n-Nitroso-di-n-propylamine	7.25	70	146353	41.64	ng	# 85
20) 3+4-Methylphenols	7.25	107	180923	40.89	ng	98
22) Acetophenone	7.25	105	293957	47.29	ng	# 92
24) Nitrobenzene	7.42	77	223710	44.17	ng	99
25) Isophorone	7.66	82	426348	45.14	ng	# 92
26) 2-Nitrophenol	7.73	139	5291	2.09	ng	# 79
27) 2,4-Dimethylphenol	7.77	122	192578	47.26	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	246897	44.93	ng	97
29) 2,4-Dichlorophenol	7.98	162	63731	15.65	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	214830	45.76	ng	97
31) Naphthalene	8.14	128	653854	48.00	ng	100
33) 4-Chloroaniline	8.19	127	125427	22.17	ng	# 94
34) Hexachlorobutadiene	8.25	225	136106	46.53	ng	99
35) Caprolactam	8.54	113	53107	44.92	ng	# 77
36) 4-Chloro-3-methylphenol	8.69	107	147005	36.91	ng	# 84
37) 2-Methylnaphthalene	8.82	142	445815	47.21	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	225872	47.96	ng	99
40) Hexachlorocyclopentadiene	8.98	237	177072	74.90	ng	99
42) 2,4,6-Trichlorophenol	9.11	196	7104	2.27	ng	99

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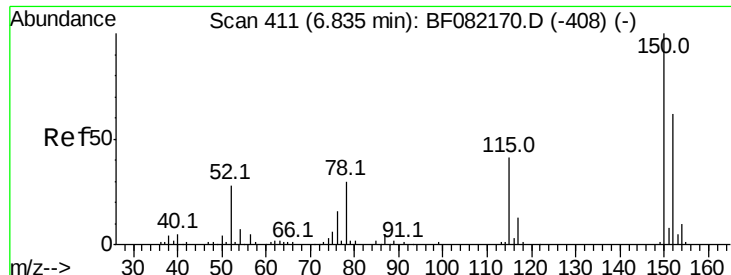
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	17049	5.03	nq	# 92
45) 1,1'-Biphenyl	9.29	154	527653	43.70	nq	99
46) 2-Chloronaphthalene	9.33	162	438458	46.13	nq	98
47) 2-Nitroaniline	9.42	65	125453	48.08	nq	99
48) Acenaphthylene	9.74	152	733523	49.54	nq	99
49) Dimethylphthalate	9.60	163	658763	59.09	nq	100
50) 2,6-Dinitrotoluene	9.67	165	130986	55.68	nq	96
51) Acenaphthene	9.91	154	426918	48.03	nq	99
52) 3-Nitroaniline	9.84	138	103419	38.92	nq	92
54) Dibenzofuran	10.08	168	664280	54.43	nq	97
56) 2,4-Dinitrotoluene	10.07	165	168432	57.28	nq	89
57) Fluorene	10.42	166	516122	51.49	nq	99
59) Diethylphthalate	10.30	149	550396	52.96	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	215758	46.99	nq	98
61) 4-Nitroaniline	10.45	138	126131	48.94	nq	93
62) Azobenzene	10.57	77	499286	49.09	nq	99
65) n-Nitrosodiphenylamine	10.54	169	461578	51.57	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	142270	47.55	nq	95
67) Hexachlorobenzene	10.97	284	164623	50.88	nq	97
68) Atrazine	11.06	200	145567	51.33	nq	99
70) Phenanthrene	11.38	178	702932	47.97	nq	100
71) Anthracene	11.44	178	818379	54.20	nq	100
72) Carbazole	11.60	167	720761	52.32	nq	98
73) Di-n-butylphthalate	11.93	149	833413	49.04	nq	# 97
74) Fluoranthene	12.58	202	790716	50.24	nq	96
76) Benzidine	12.71	184	288642	42.10	nq	98
77) Pyrene	12.81	202	779277	55.51	nq	99
79) Butylbenzylphthalate	13.45	149	333946	52.12	nq	97
80) Benzo(a)anthracene	14.06	228	591066	48.02	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	122067	26.13	nq	99
82) Chrysene	14.10	228	631885	48.72	nq	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	459921	50.32	nq	# 98
84) Di-n-octyl phthalate	14.74	149	704754	44.90	nq	# 89
85) Indeno(1,2,3-cd)pyrene	17.08	276	539658	52.35	nq	99
87) Benzo(b)fluoranthene	15.20	252	462990m	40.83	nq	
88) Benzo(k)fluoranthene	15.24	252	513189m	53.84	nq	
89) Benzo(a)pyrene	15.57	252	466743	47.89	nq	99
90) Dibenzo(a,h)anthracene	17.09	278	440170	55.11	nq	97
91) Benzo(g,h,i)perylene	17.51	276	451639	58.21	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

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ClientSampleId :

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Tot Ion:152 Resp: 77627

Ion Ratio Lower Upper

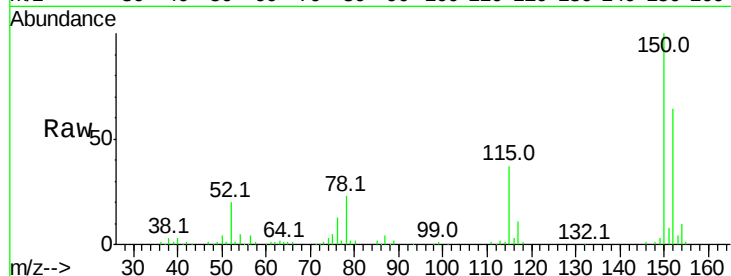
152 100

150 155.3 129.0 193.4

115 56.9 52.1 78.1

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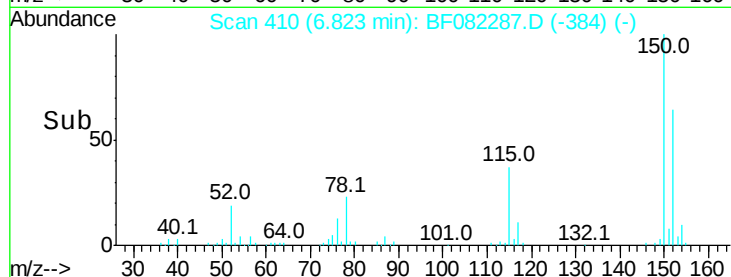
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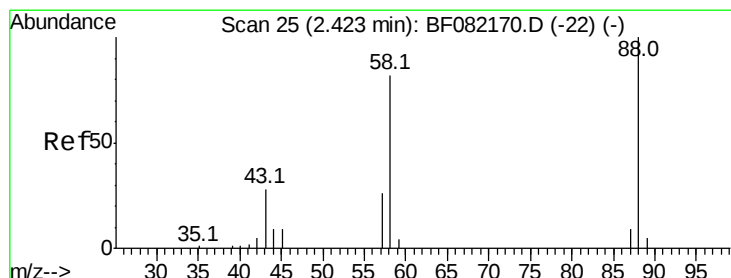
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 32.54 ng

RT: 2.43 min Scan# 26

Delta R.T. 0.08 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

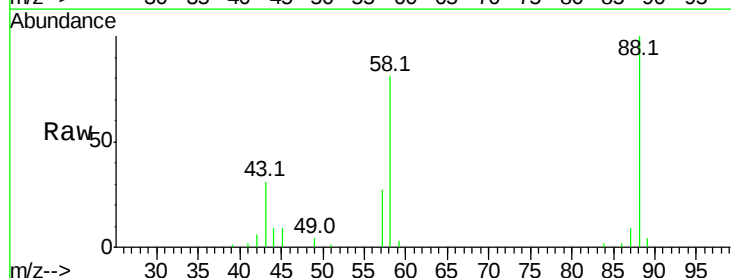
Tgt Ion: 88 Resp: 62891

Ion Ratio Lower Upper

88 100

58 89.2 66.2 99.4

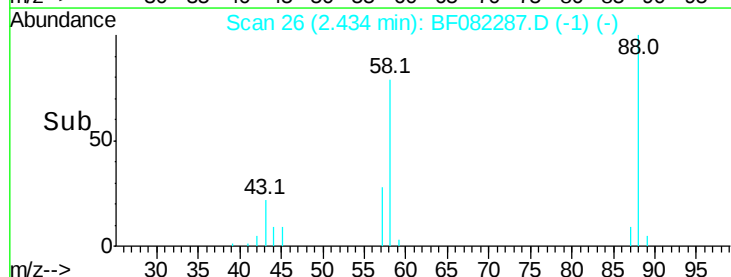
43 32.0 23.0 34.4



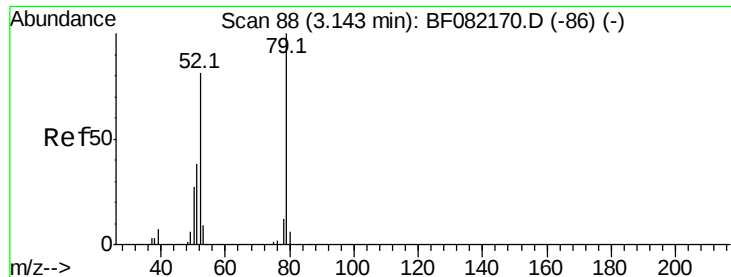
Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



Time-->



#3

Pvridine

Concen: 36.05 ng

RT: 3.14 min Scan# 88

Delta R.T. 0.07 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

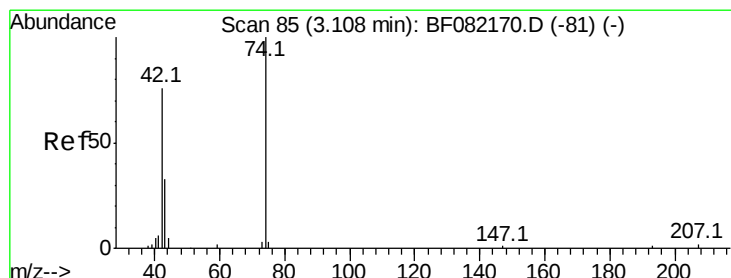
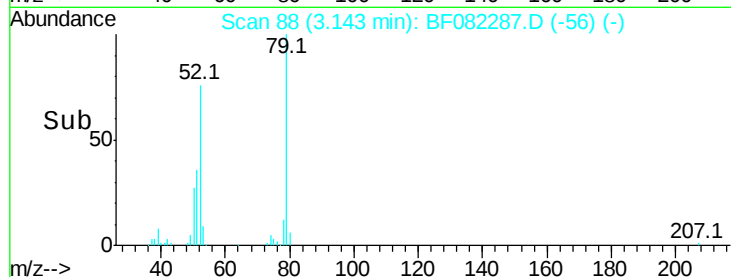
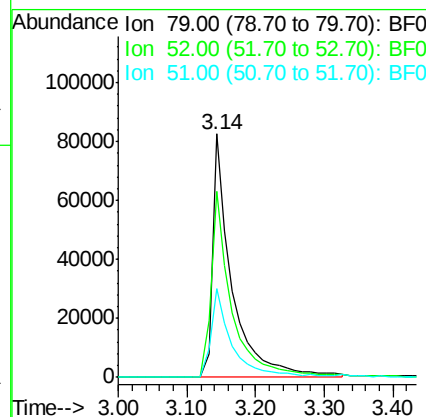
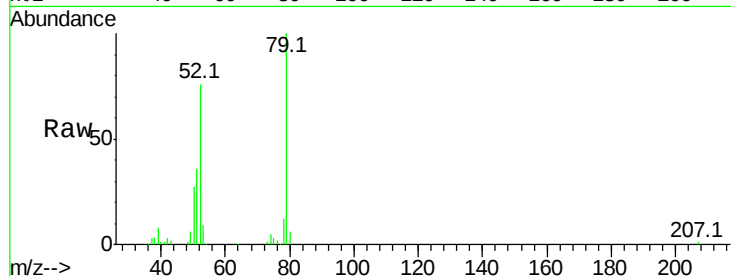
ClientSampleId :

CS-11MSD

Tot Ion:	79	Resp:	162046
Ion Ratio	Lower	Upper	
79	100		
52	76.2	64.4	96.6
51	36.4	30.5	45.7

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#4

n-Nitrosodimethylamine

Concen: 41.72 ng

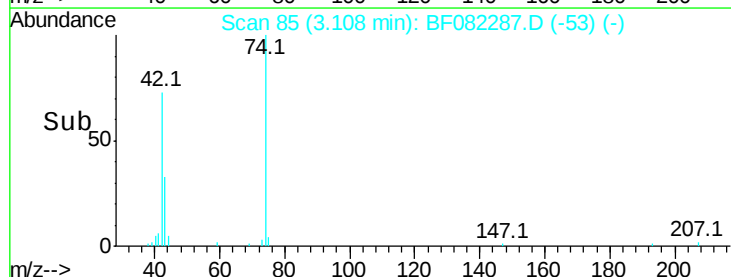
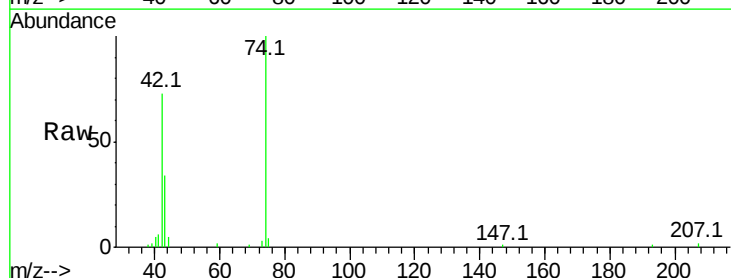
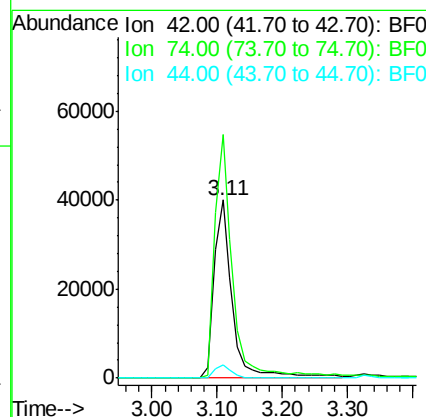
RT: 3.11 min Scan# 85

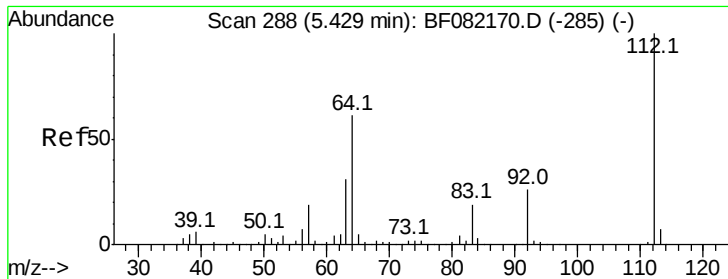
Delta R.T. 0.07 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion:	42	Resp:	79530
Ion Ratio	Lower	Upper	
42	100		
74	136.8	105.7	158.5
44	7.2	5.4	8.2





#5

2-Fluorophenol

Concen: 98.97 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.02 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

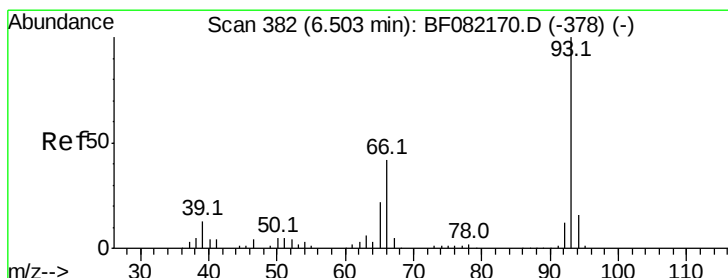
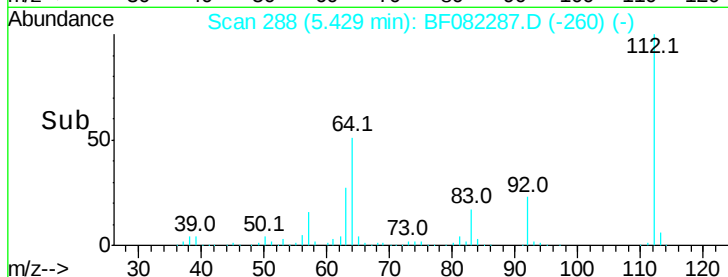
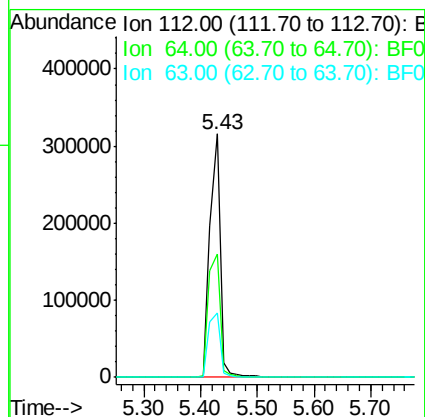
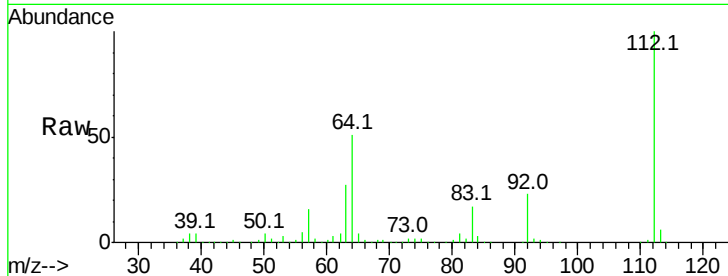
ClientSampleId :

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Tot Ion:	112	Resp:	380674
Ion Ratio	Lower	Upper	
112	100		
64	50.7	48.6	73.0
63	26.7	25.1	37.7

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#6

Aniline

Concen: 19.06 ng

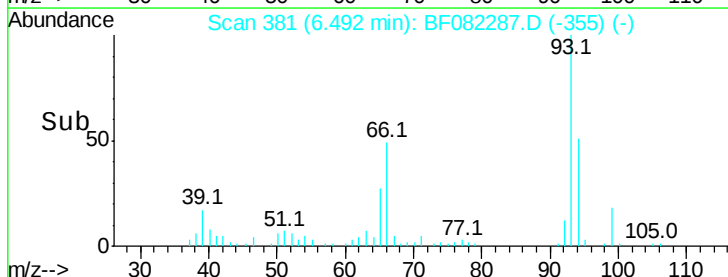
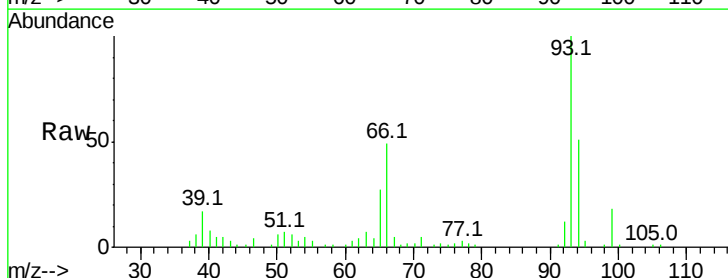
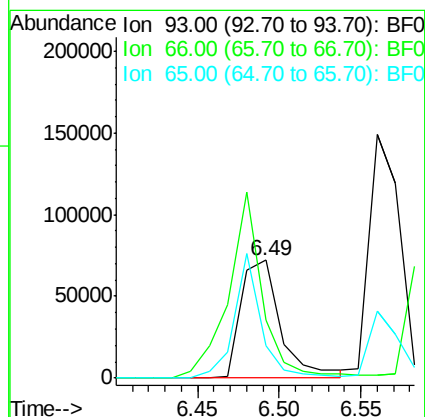
RT: 6.49 min Scan# 381

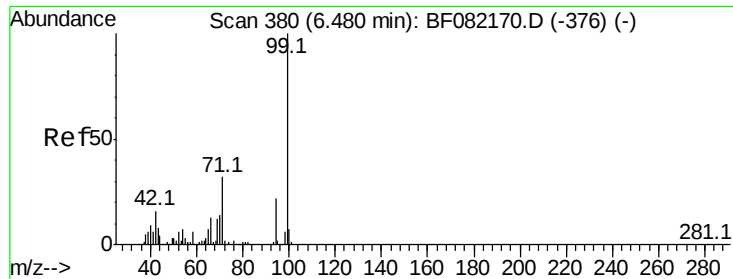
Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion:	93	Resp:	122980
Ion Ratio	Lower	Upper	
93	100		
66	49.1	34.2	51.2
65	27.2	17.9	26.9#





#7

Phenol-d6

Concen: 188.73 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

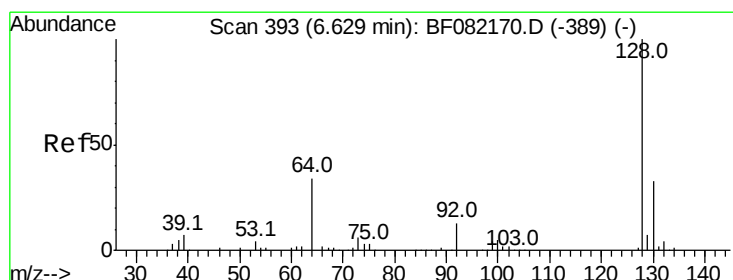
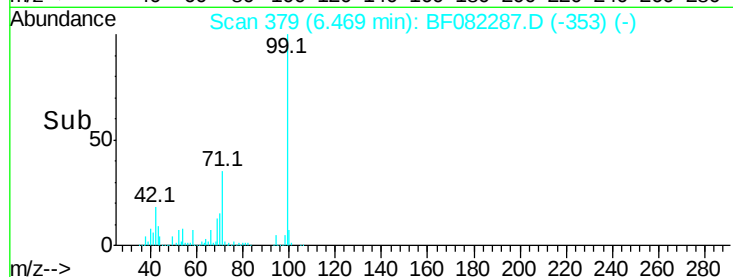
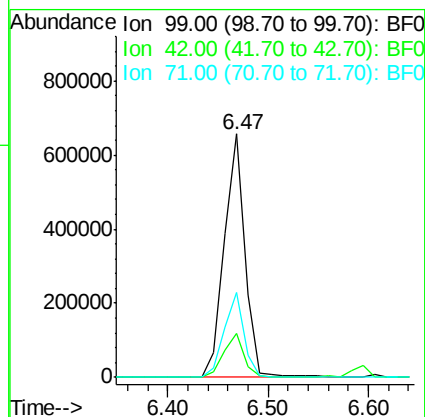
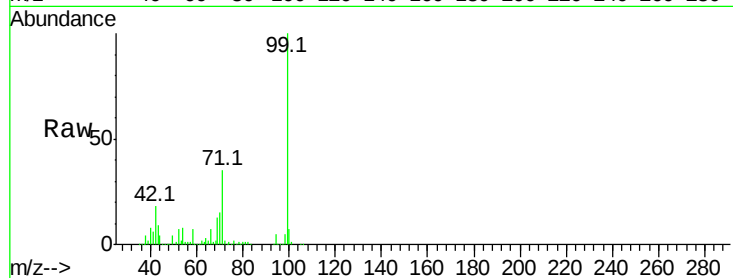
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Tot Ion:	99	Resp:	944646
Ion Ratio	Lower	Upper	
99	100		
42	18.2	13.2	19.8
71	34.9	25.6	38.4

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#8

2-Chlorophenol

Concen: 22.46 ng

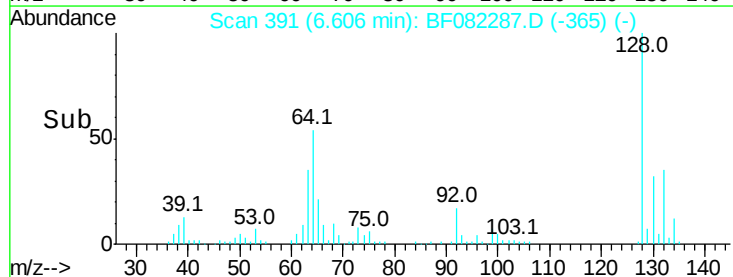
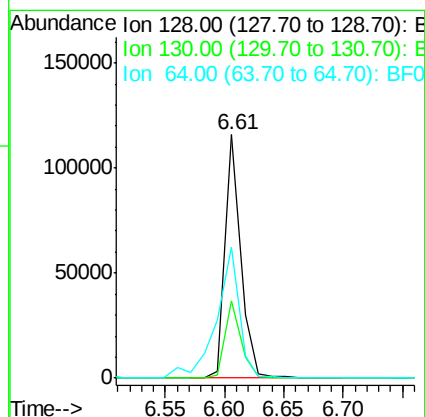
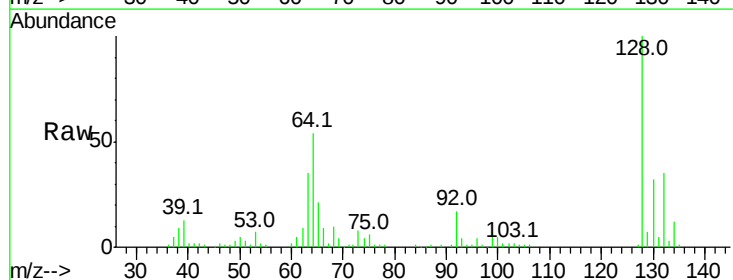
RT: 6.61 min Scan# 391

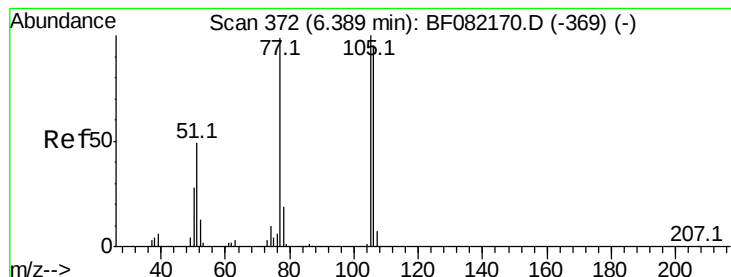
Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion:	128	Resp:	105471
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.6	52.6
64	53.8	16.7	56.7





#9

Benzaldehyde

Concen: 39.69 ng

RT: 6.37 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

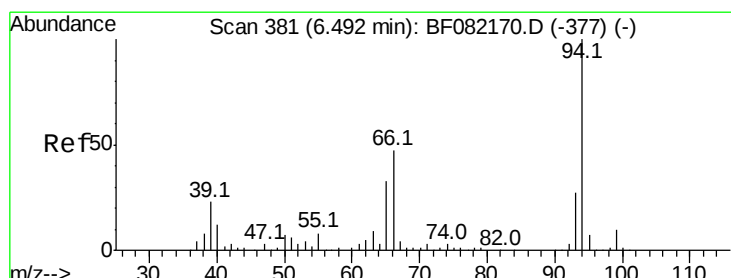
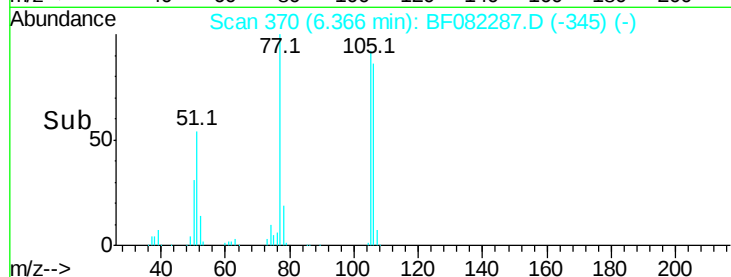
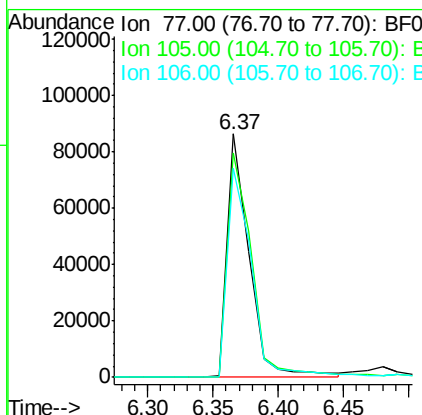
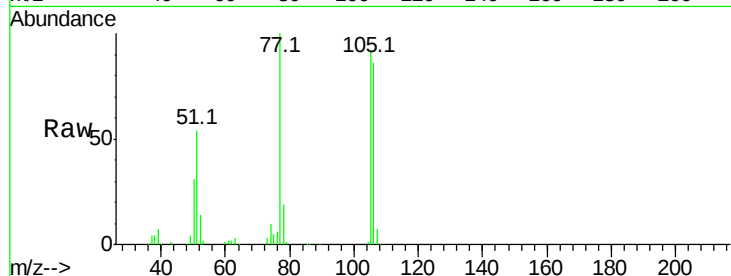
ClientSampleId :

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Tot Ion:	77	Resp:	101451
Ion Ratio	Lower	Upper	
77	100		
105	92.1	80.6	120.6
106	85.9	75.5	115.5



#10

Phenol

Concen: 32.97 ng

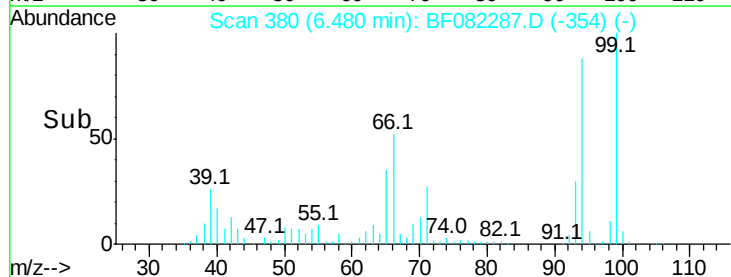
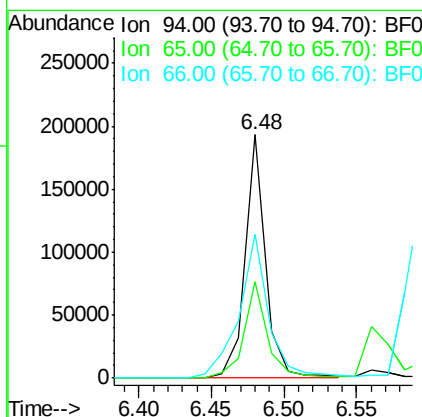
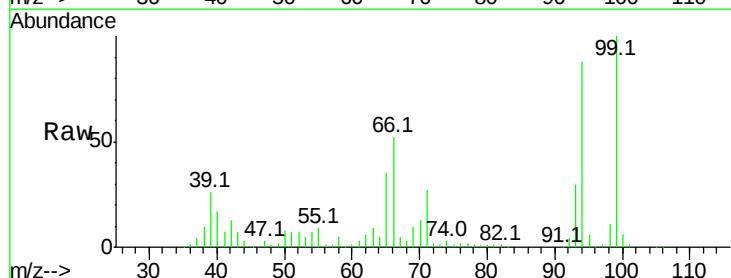
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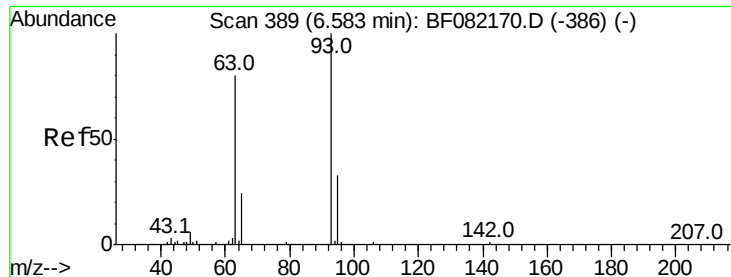
Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion:	94	Resp:	190255
Ion Ratio	Lower	Upper	
94	100		
65	39.4	12.6	52.6
66	59.0	27.3	67.3





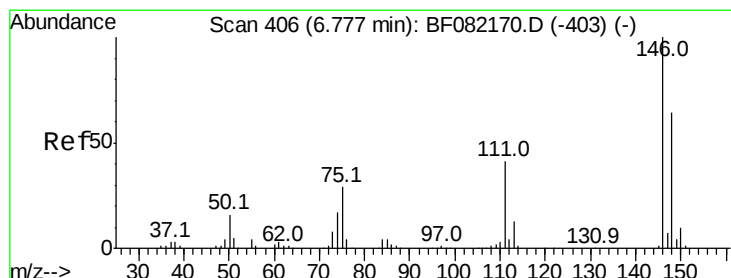
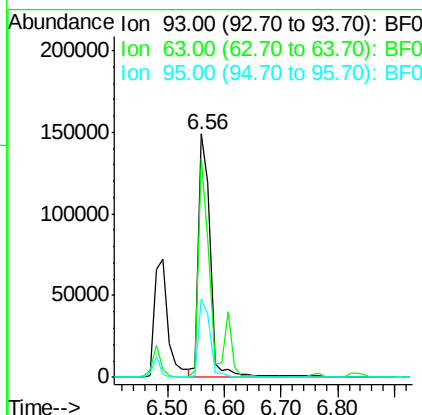
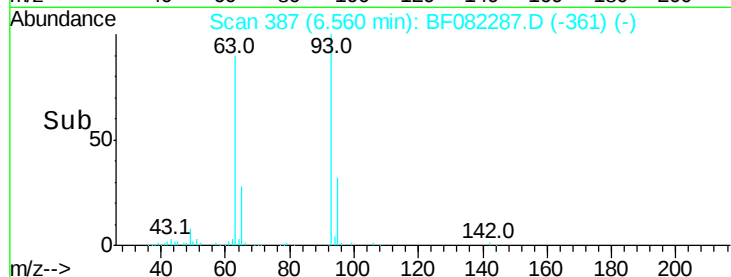
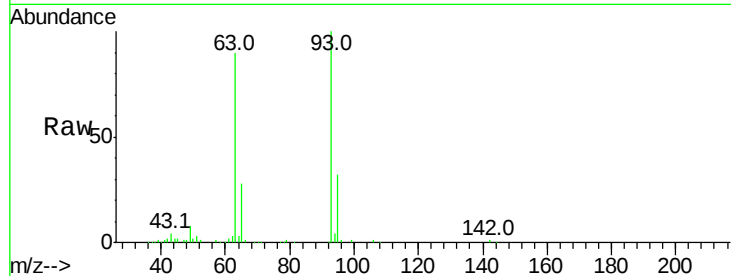
#11
bis(2-Chloroethyl)ether
Concen: 42.56 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.2	57.1	97.1
95	32.3	11.9	51.9

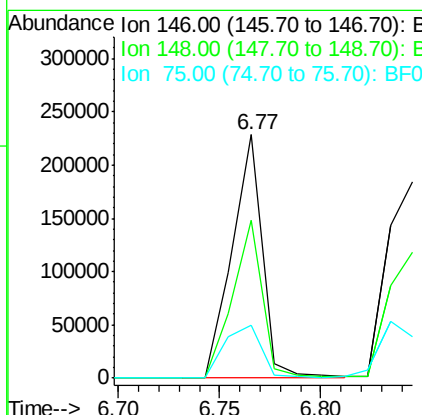
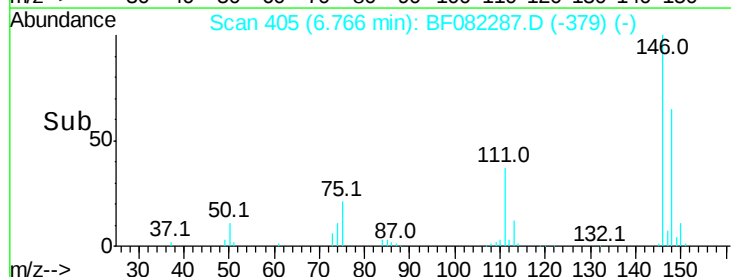
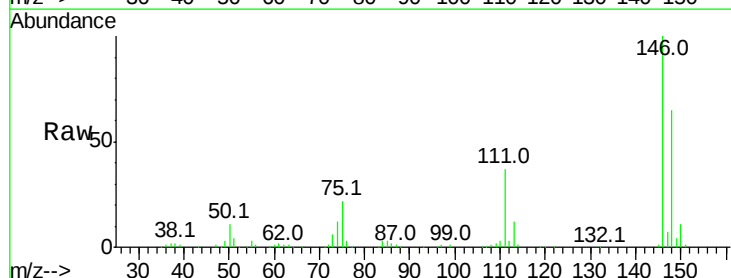
Manual Integrations
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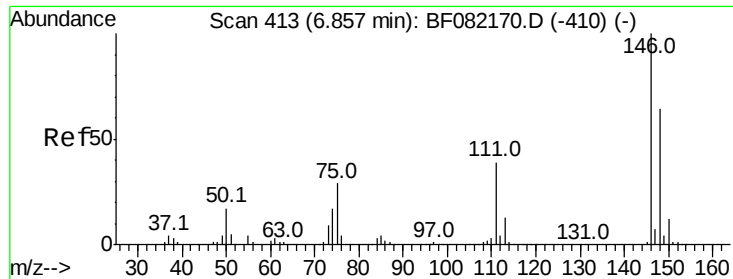
MMdadoda
10/15/2015 4:55:42 PM



#12
1,3-Dichlorobenzene
Concen: 43.93 ng m
RT: 6.77 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.2
75	21.8	23.0	34.6#





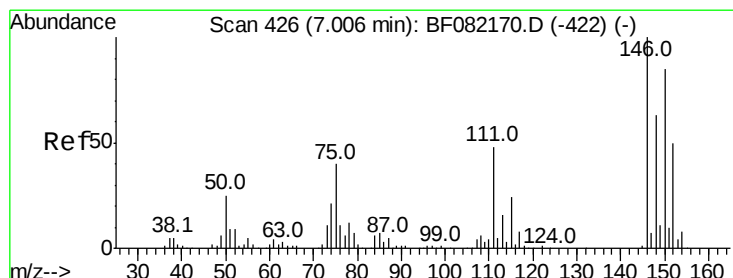
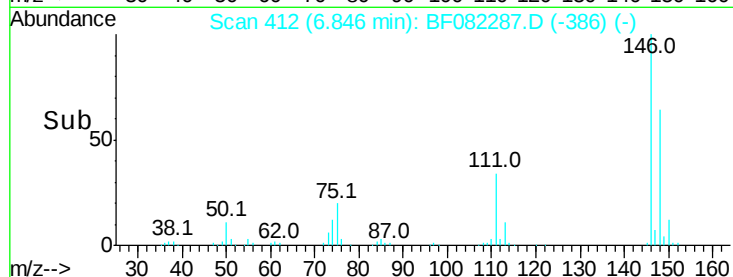
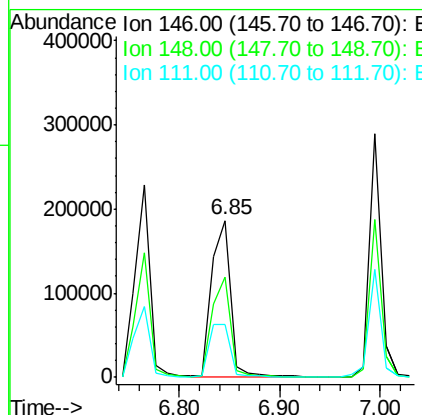
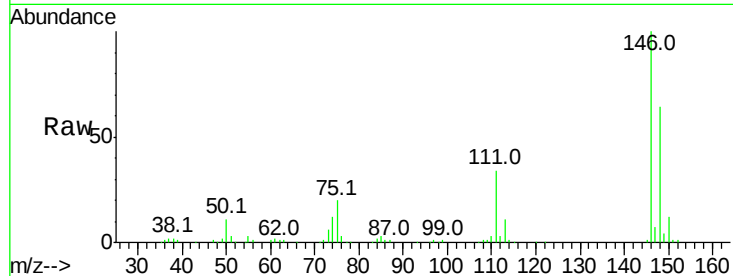
#13
 1,4-Dichlorobenzene
 Concen: 43.12 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	246252		
148	64.3	51.0	76.4	
111	33.9	31.1	46.7	

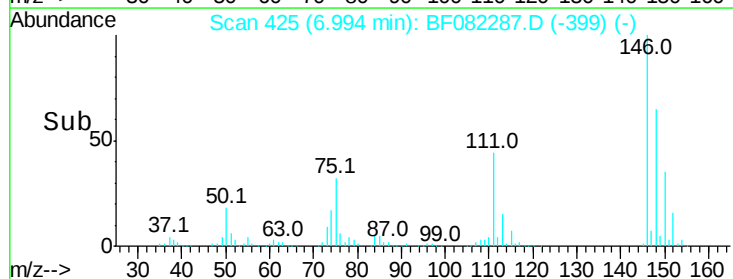
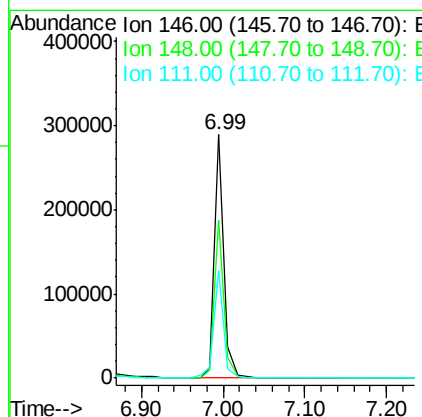
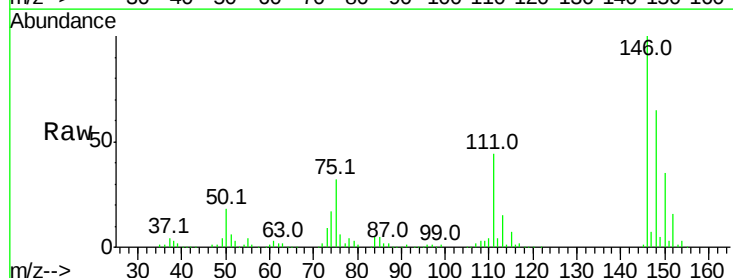
Manual Integrations
 APPROVED

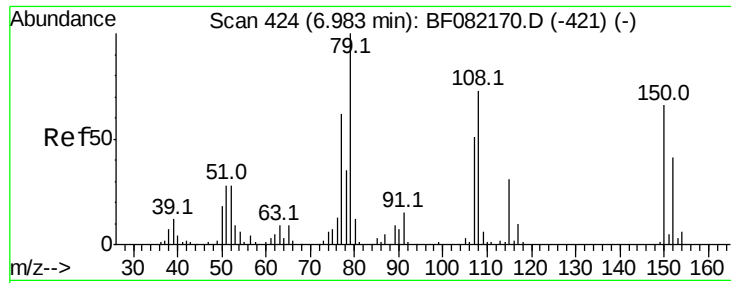
MMdadoda
 10/15/2015 4:55:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.19 ng
 RT: 6.99 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	239633		
148	64.9	50.5	75.7	
111	44.3	38.5	57.7	





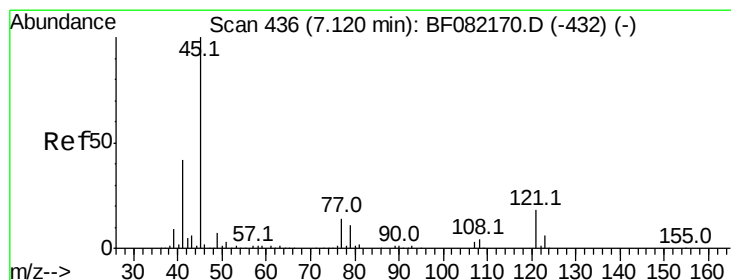
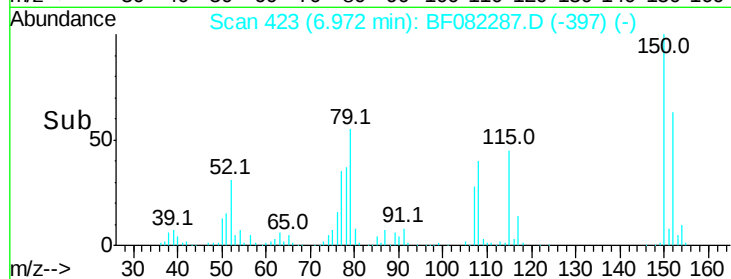
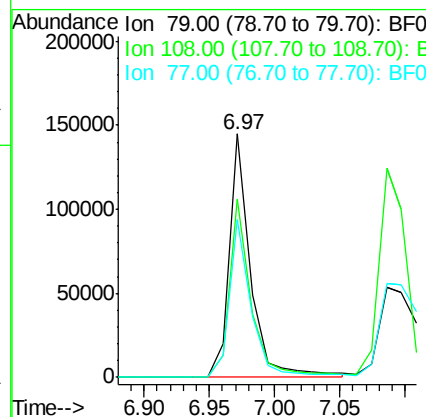
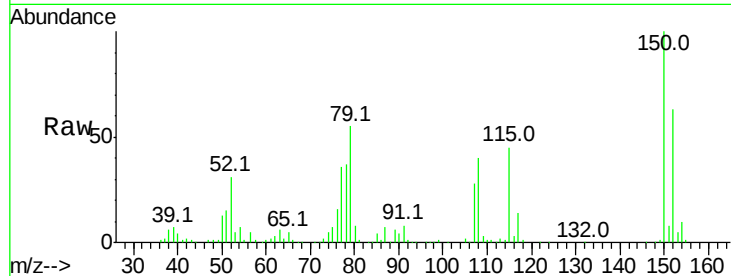
#15
Benzyl Alcohol
Concen: 47.63 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	73.5	58.4	87.6		
77	64.7	49.8	74.6		

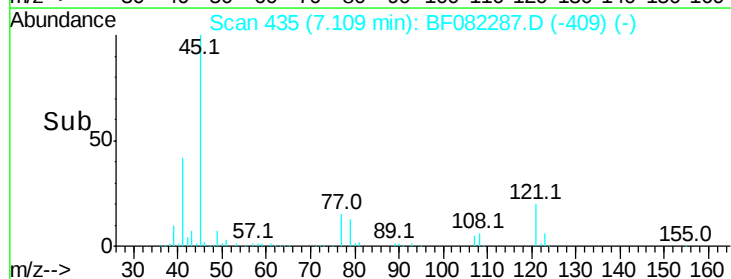
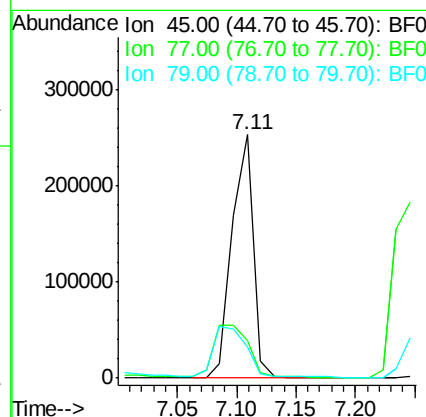
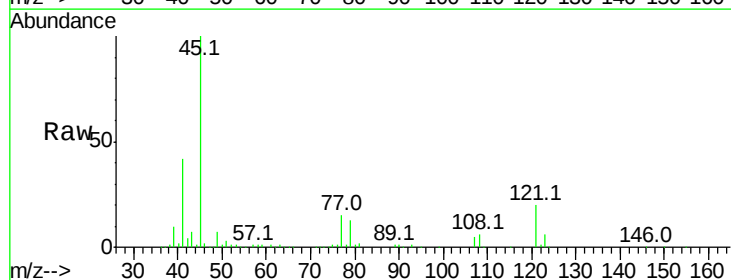
Manual Integrations
APPROVED

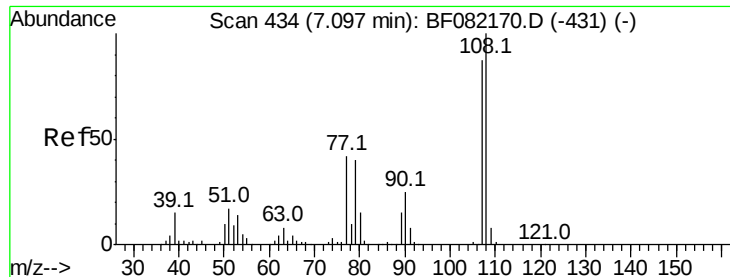
MMdadoda
10/15/2015 4:55:42 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.30 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	15.4	0.0	34.5		
79	12.7	0.0	31.6		





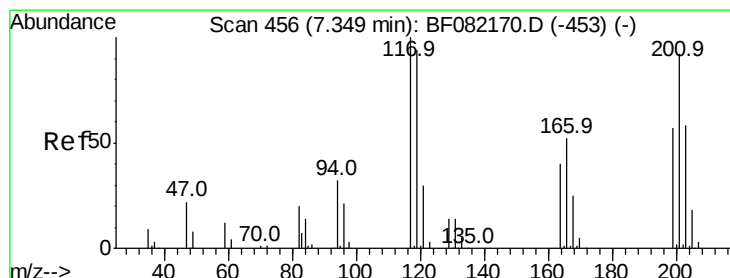
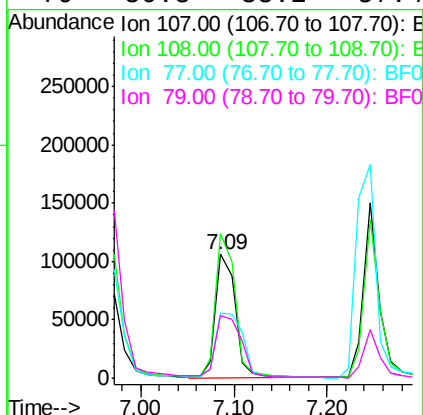
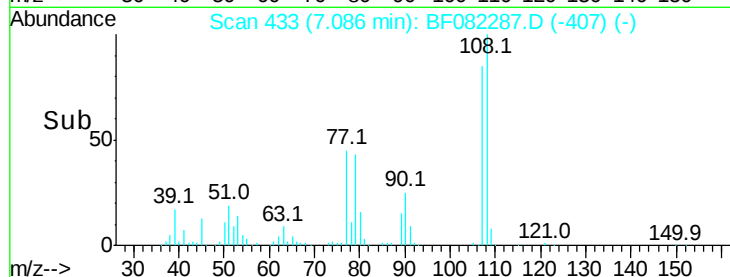
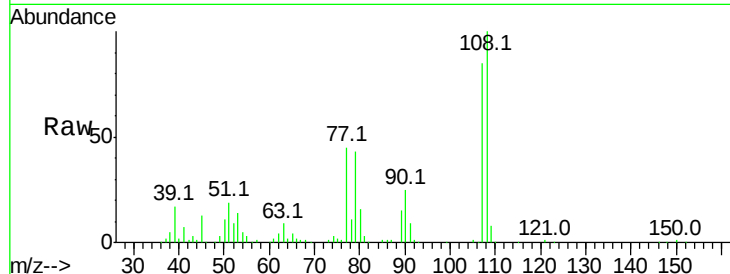
#17
2-Methylphenol
Concen: 42.01 ng
RT: 7.09 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampled :
CS-11MSD

Tot Ion:	107	Resp:	155968
Ion Ratio	Lower	Upper	
107	100		
108	117.1	92.2	138.2
77	52.4	39.6	59.4
79	50.8	38.2	57.4

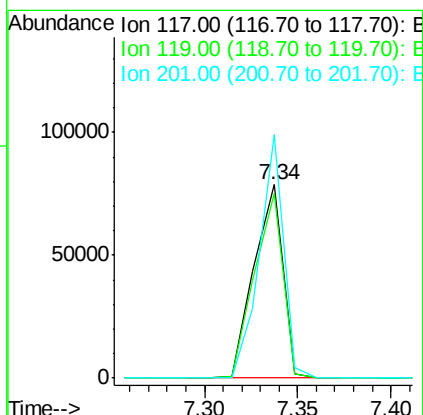
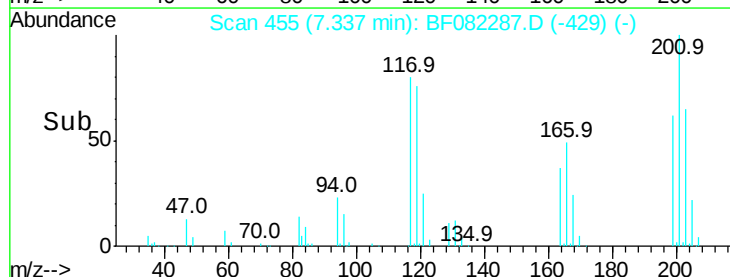
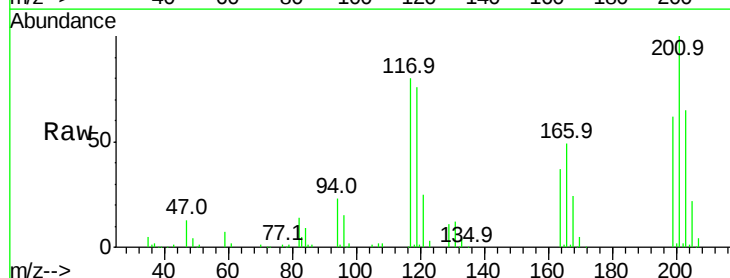
Manual Integrations
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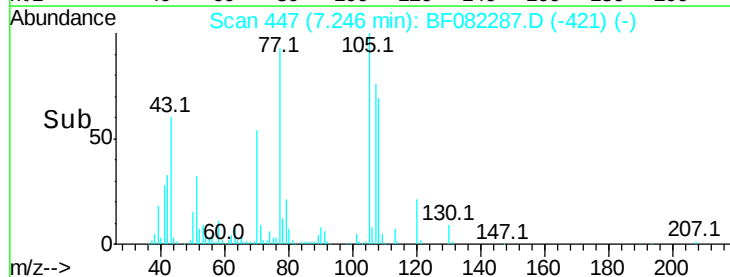
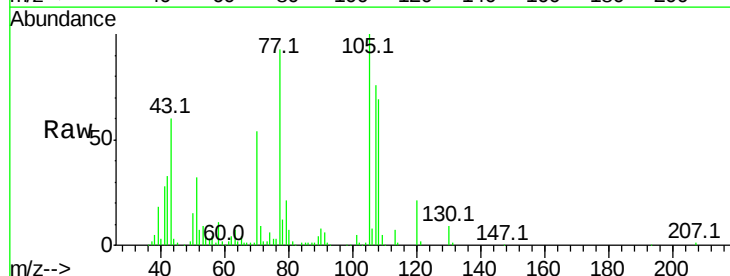
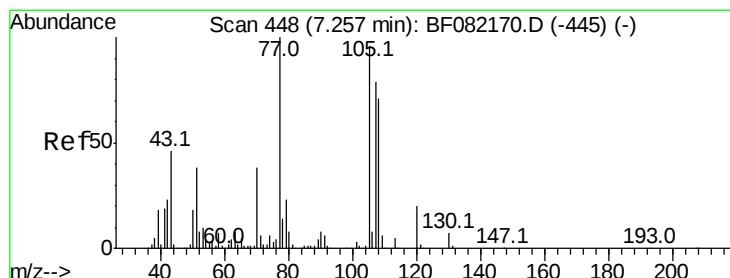
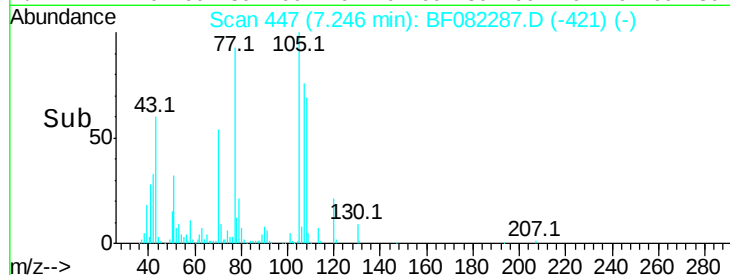
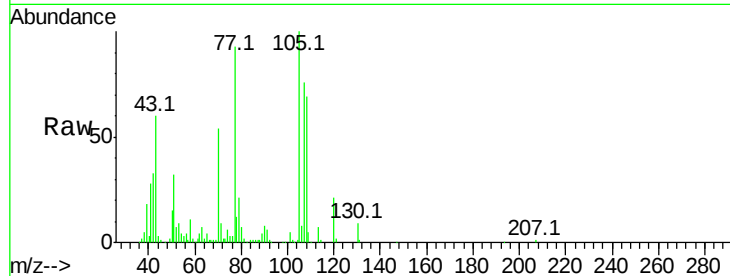
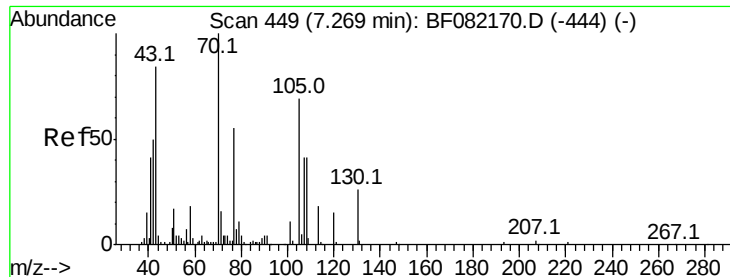
MMdadoda
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#18
Hexachloroethane
Concen: 43.61 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion:	117	Resp:	85245
Ion Ratio	Lower	Upper	
117	100		
119	95.2	75.4	113.2
201	125.8	73.4	110.0#





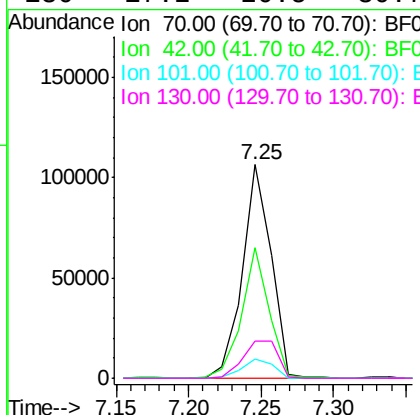
#19
n-Nitroso-di-n-propylamine
Concen: 41.64 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.3	39.8	59.8#	
101	8.9	8.6	13.0	
130	17.2	20.5	30.7#	

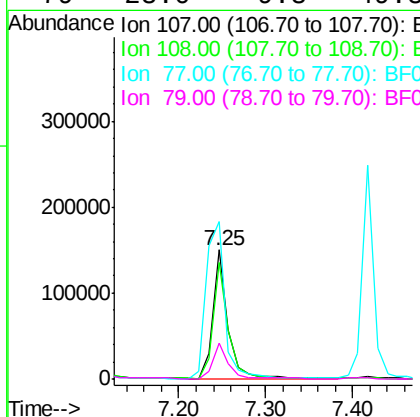
Manual Integrations
APPROVED

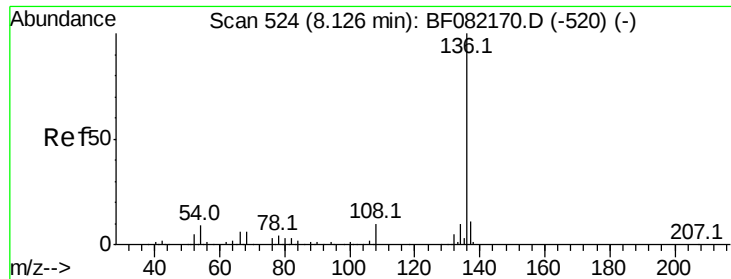
MMdadoda
10/15/2015 4:55:42 PM



#20
3+4-Methylphenols
Concen: 40.89 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	69.9	109.9	
77	121.9	106.0	146.0	
79	28.0	9.8	49.8	





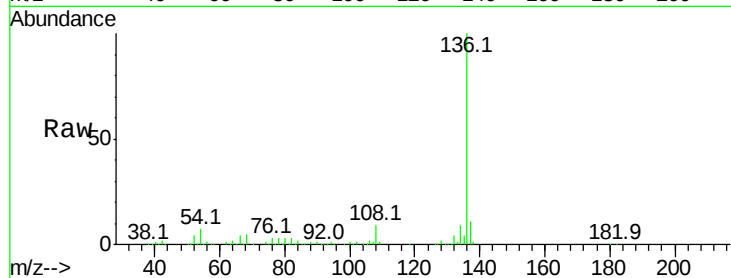
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.0	13.6	
54	7.2	7.5	11.3	
68	5.0	4.6	7.0	

Manual Integrations
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MMdadoda
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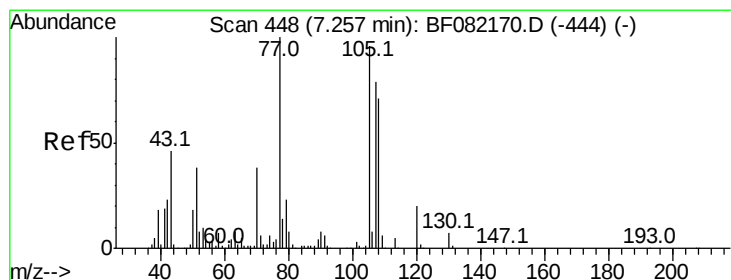
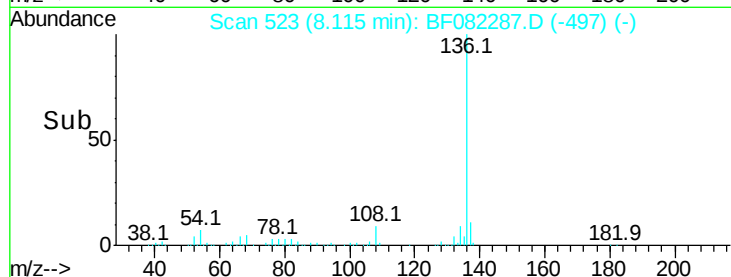
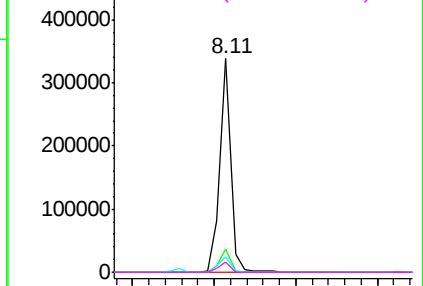
Abundance

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: 47.29 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.4	5.4	8.0	
51	32.3	31.8	47.6	
120	21.2	16.3	24.5	

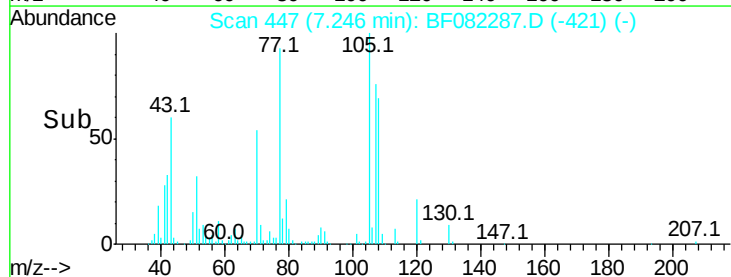
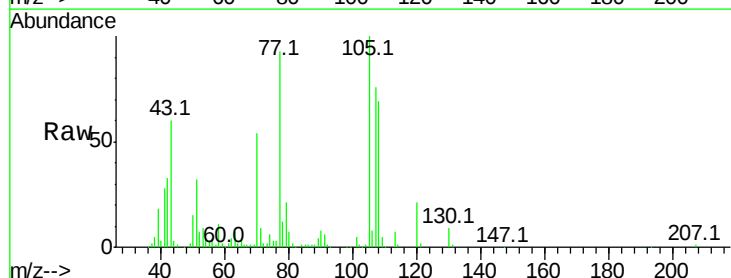
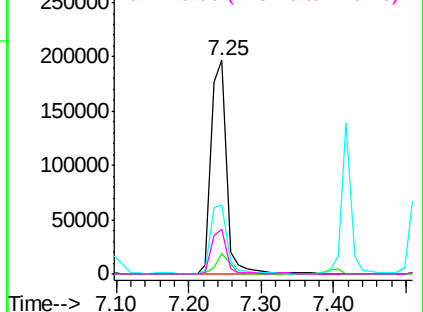
Abundance

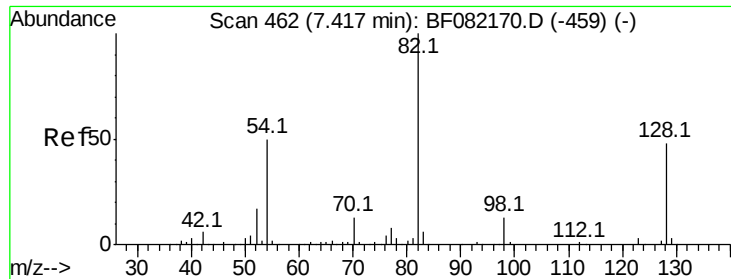
Ion 105.00 (104.70 to 105.70): E

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





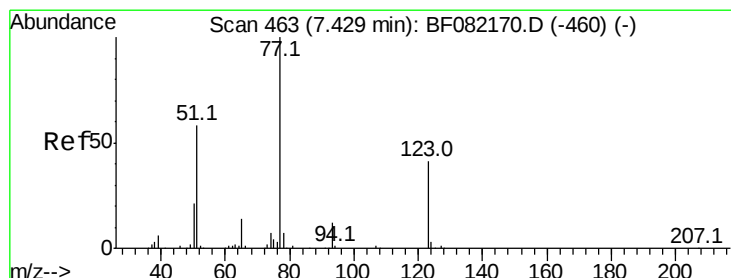
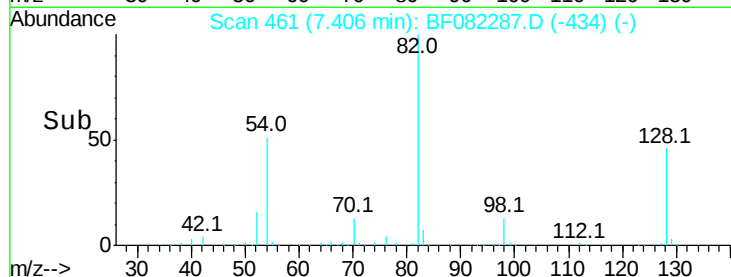
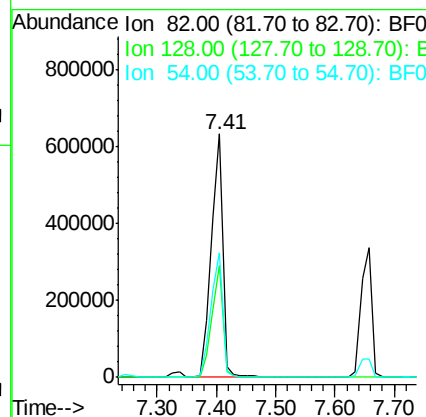
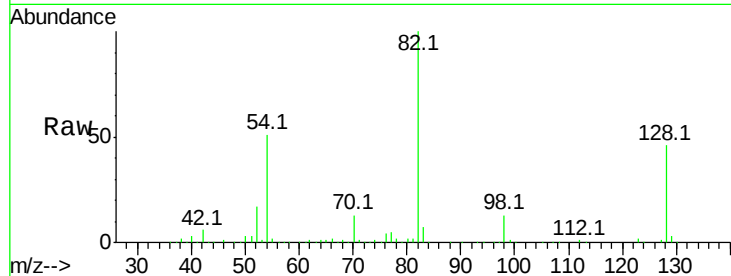
#23
 Nitrobenzene-d5
 Concen: 186.37 ng
 RT: 7.41 min Scan# 461
 Delta R.T. 0.01 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	38.7	58.1
54	51.3	40.1	60.1

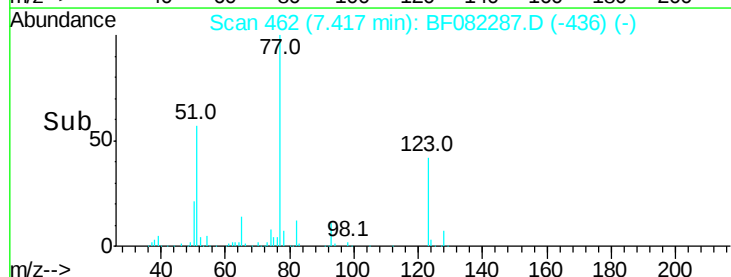
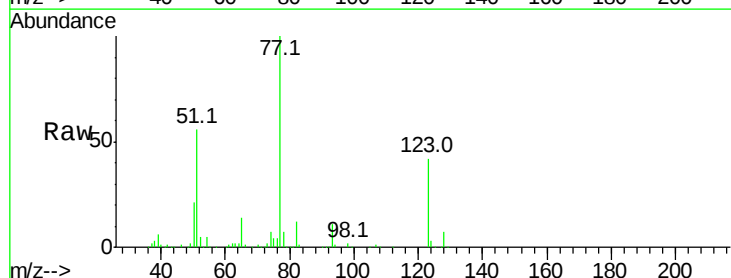
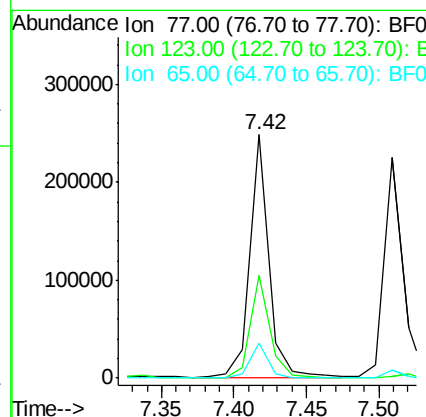
Manual Integrations
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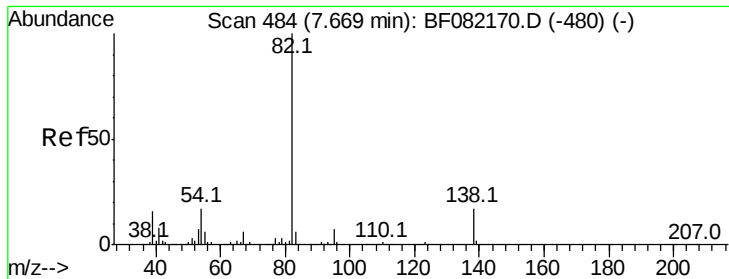
MMdadoda
 10/15/2015 4:55:42 PM



#24
 Nitrobenzene
 Concen: 44.17 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	33.0	49.4
65	14.1	11.2	16.8





#25

Isophorone

Concen: 45.14 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

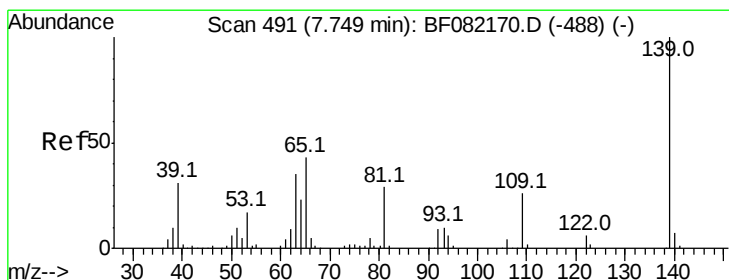
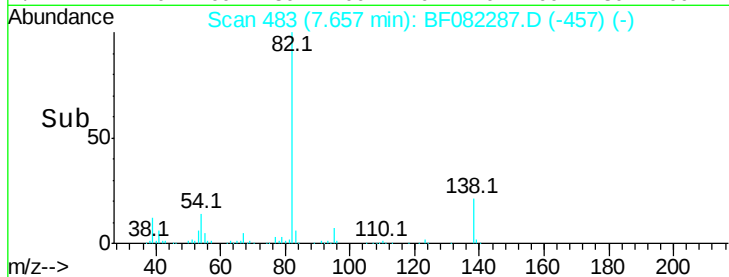
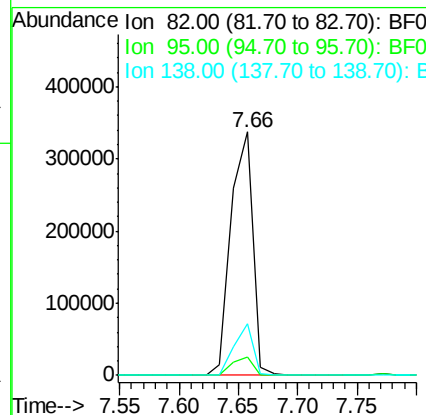
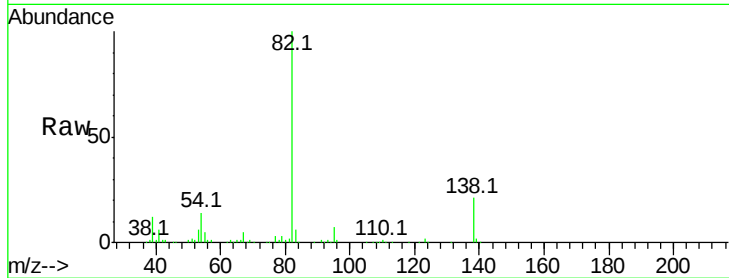
ClientSampleId :

CS-11MSD

Manual Integrations
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MMdadoda
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Tot Ion	82	Resp	426348
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.6	8.4
138	21.5	13.6	20.4#



#26

2-Nitrophenol

Concen: 2.09 ng

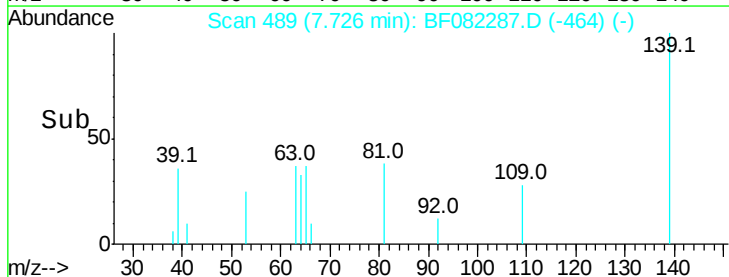
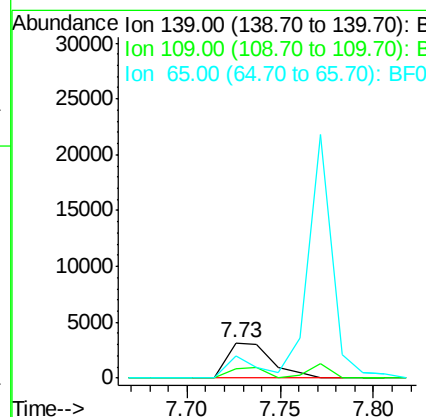
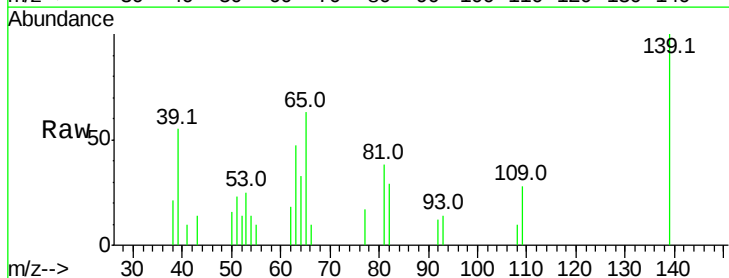
RT: 7.73 min Scan# 489

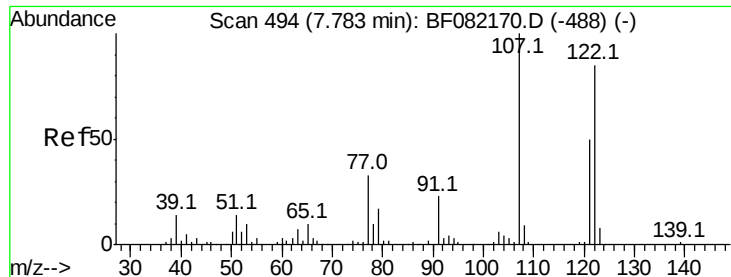
Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion	139	Resp	5291
Ion Ratio	Lower	Upper	
139	100		
109	27.8	20.6	31.0
65	63.2	34.3	51.5#





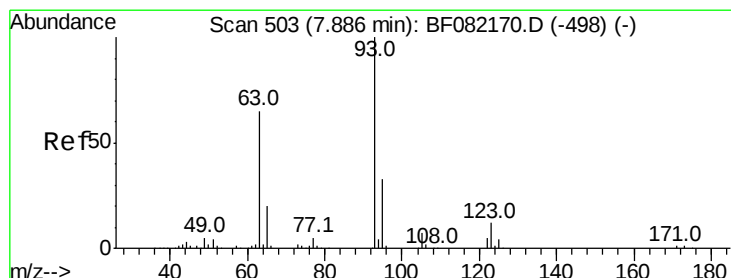
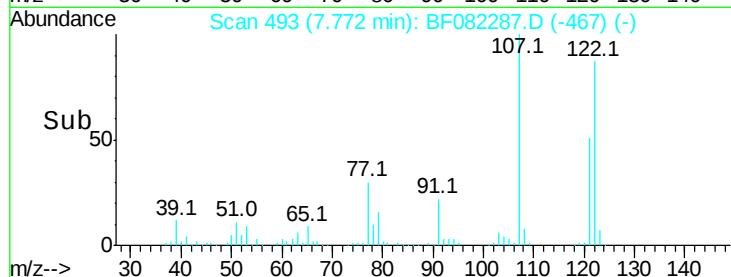
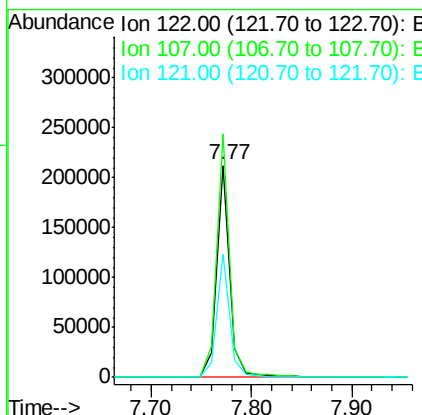
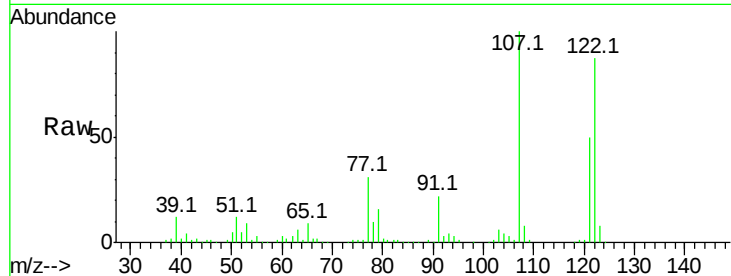
#27
 2,4-Dimethylphenol
 Concen: 47.26 ng
 RT: 7.77 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	192578		
107	114.8	94.0	141.0	
121	57.9	46.8	70.2	

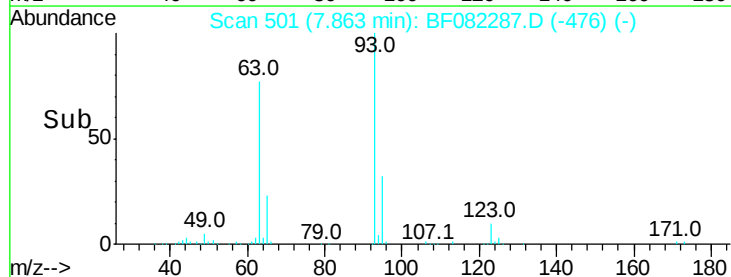
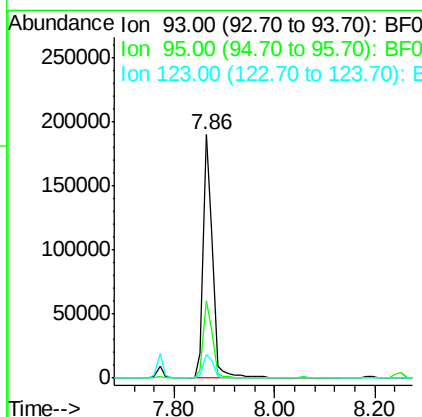
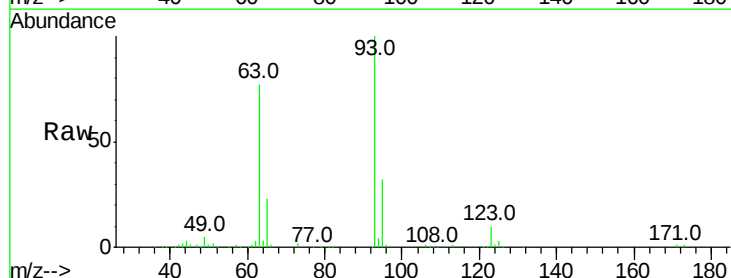
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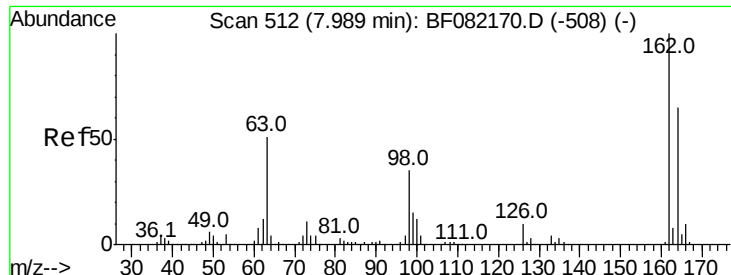
MMdadoda
 10/15/2015 4:55:42 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.93 ng
 RT: 7.86 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	246897		
95	31.9	26.6	39.8	
123	9.8	9.5	14.3	





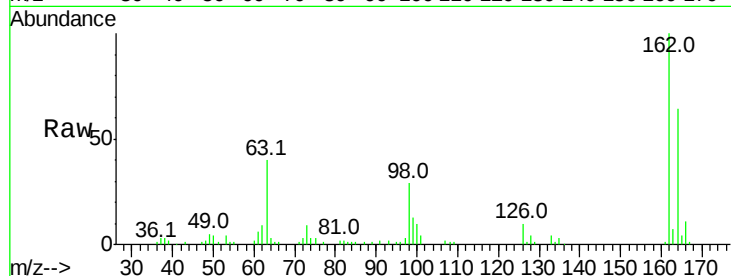
#29
2,4-Dichlorophenol
Concen: 15.65 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

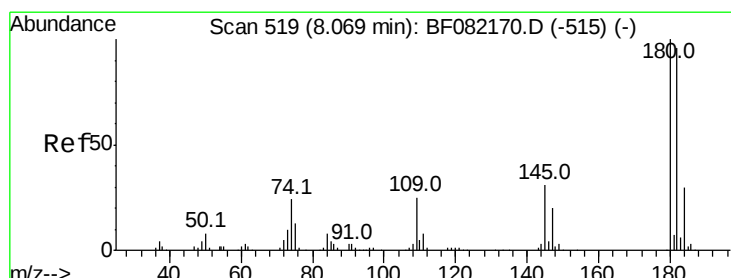
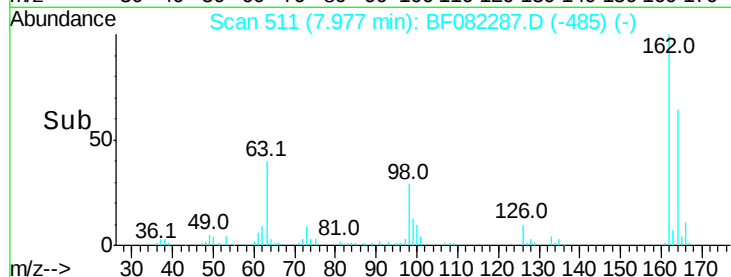
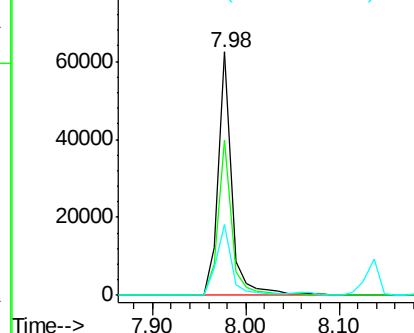
Tot Ion	Ratio	Resp	Lower	Upper
162	100	63731		
164	63.9	44.6	84.6	
98	29.0	15.0	55.0	

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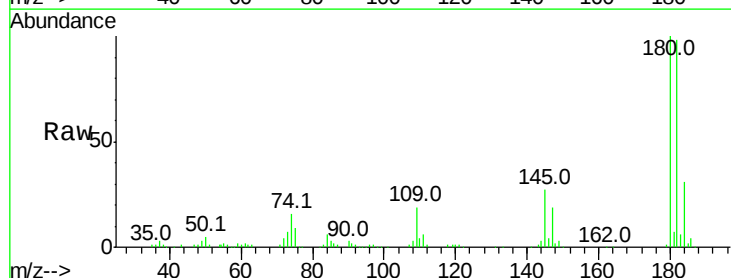


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

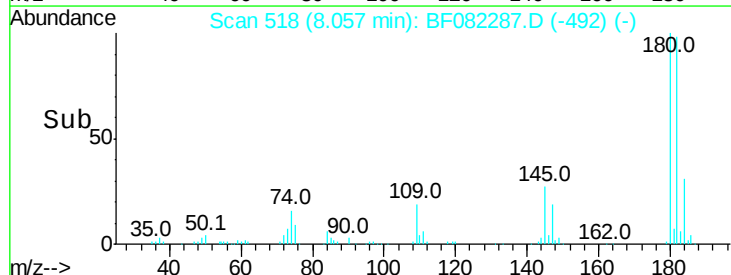
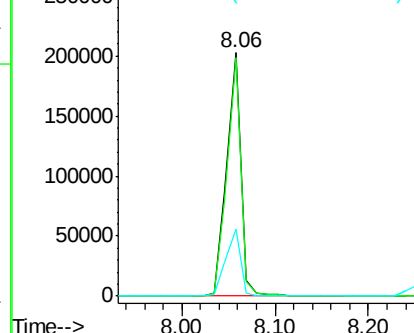


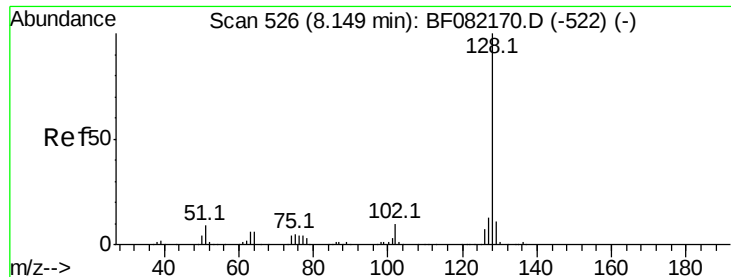
#30
1,2,4-Trichlorobenzene
Concen: 45.76 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	214830		
182	98.0	77.0	115.4	
145	27.5	25.0	37.4	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





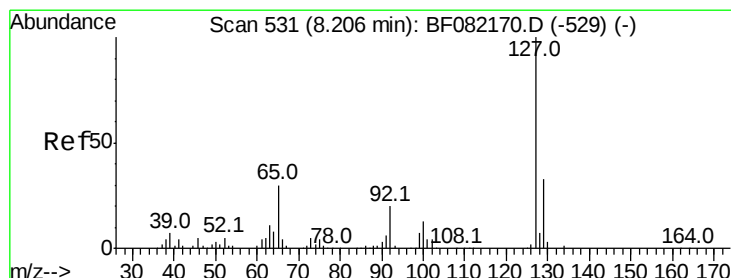
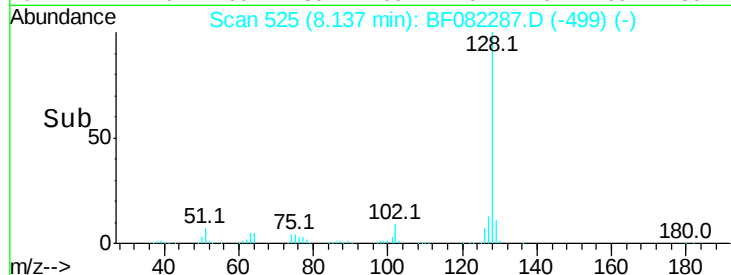
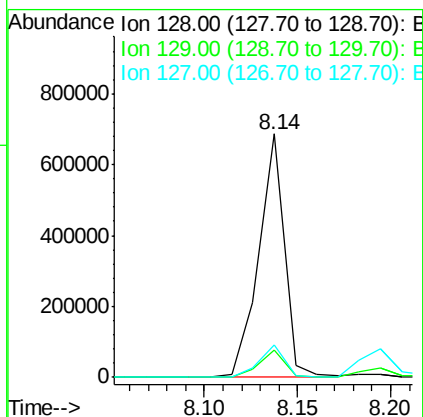
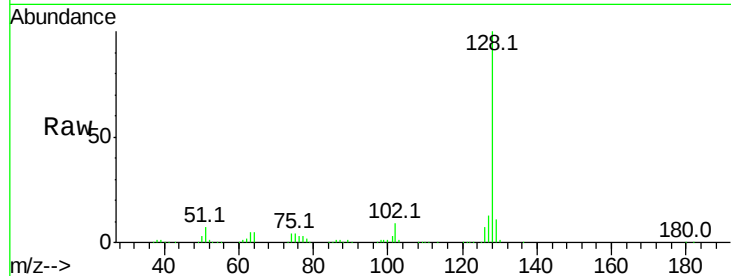
#31
Naphthalene
Concen: 48.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	653854		
129	11.1		9.1	13.7
127	13.4		10.7	16.1

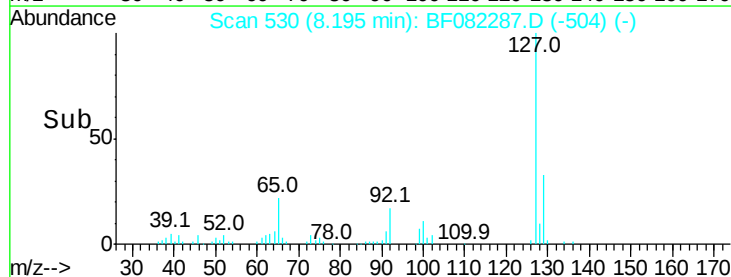
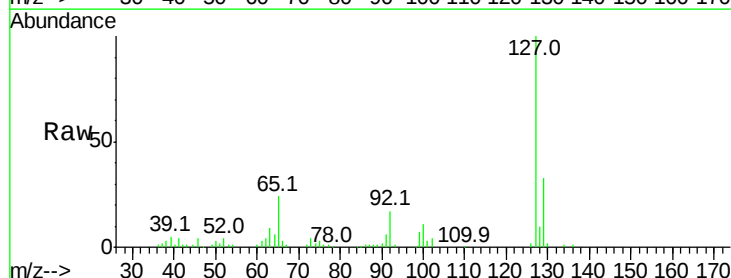
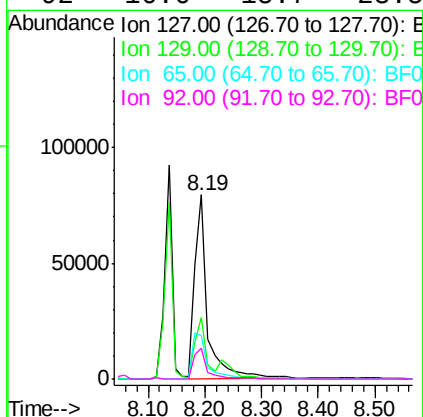
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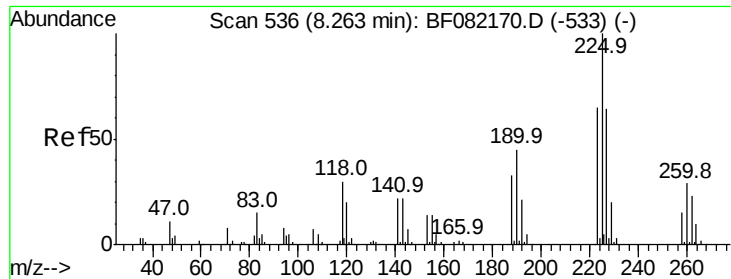
MMdadoda
10/15/2015 4:55:42 PM



#33
4-Chloroaniline
Concen: 22.17 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	125427		
129	33.0		26.3	39.5
65	23.6		24.4	36.6#
92	16.6		15.7	23.5





#34

Hexachlorobutadiene

Concen: 46.53 ng

RT: 8.25 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

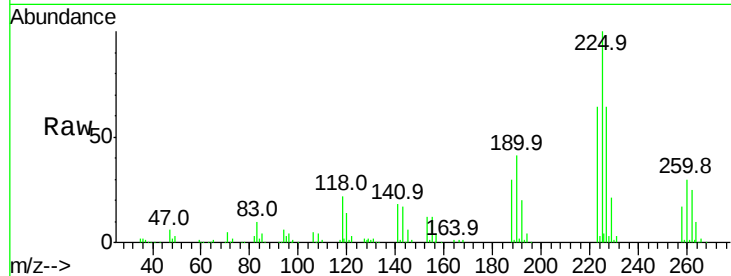
ClientSampleId :

CS-11MSD

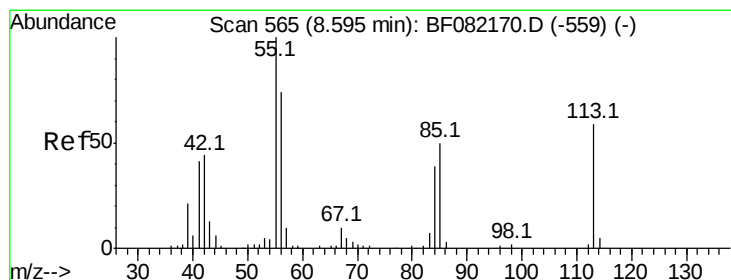
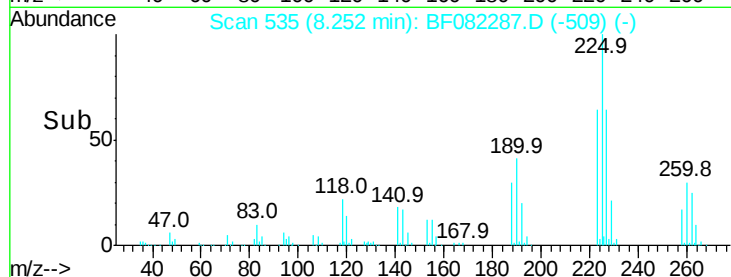
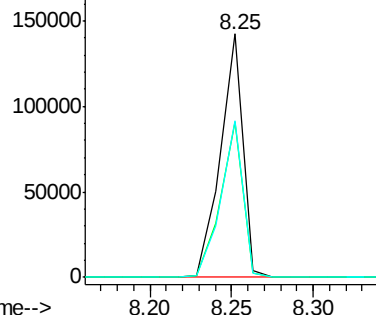
Tot Ion:	225	Resp:	136106
Ion Ratio	Lower	Upper	
225	100		
223	63.8	52.2	78.2
227	64.5	51.3	76.9

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 44.92 ng

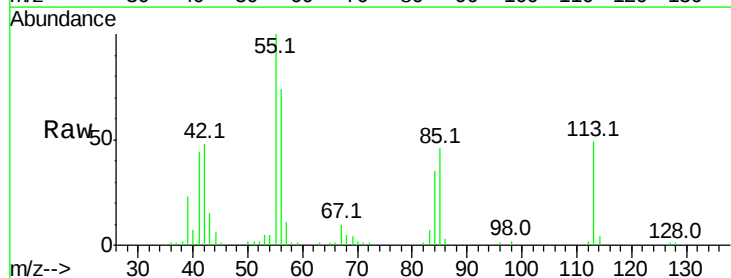
RT: 8.54 min Scan# 560

Delta R.T. -0.05 min

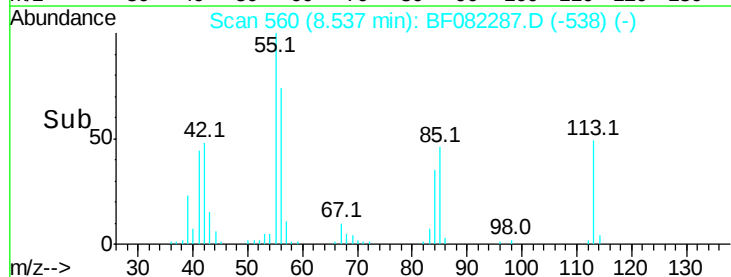
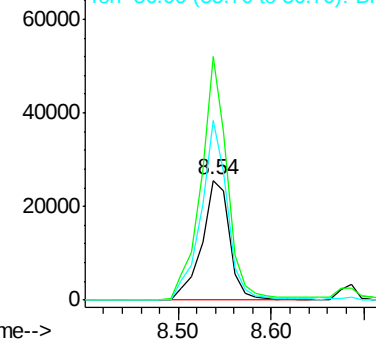
Lab File: BF082287.D

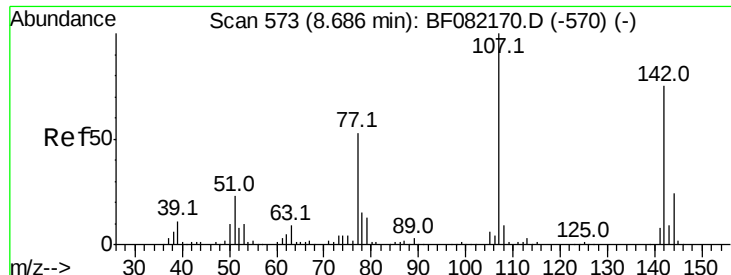
Acq: 14 Oct 2015 19:10

Tgt Ion:	113	Resp:	53107
Ion Ratio	Lower	Upper	
113	100		
55	202.8	149.7	189.7#
56	150.1	105.4	145.4#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





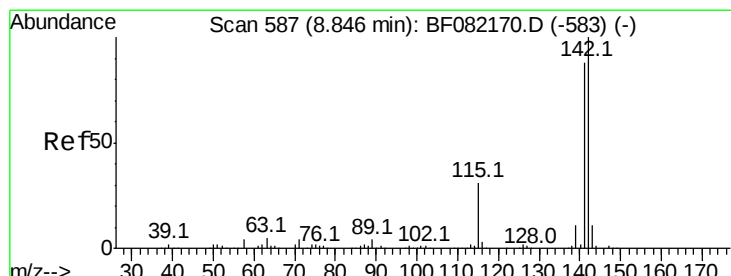
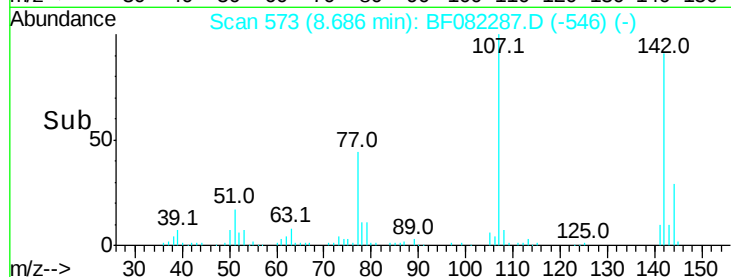
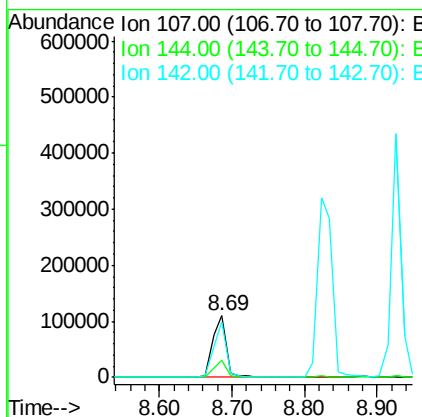
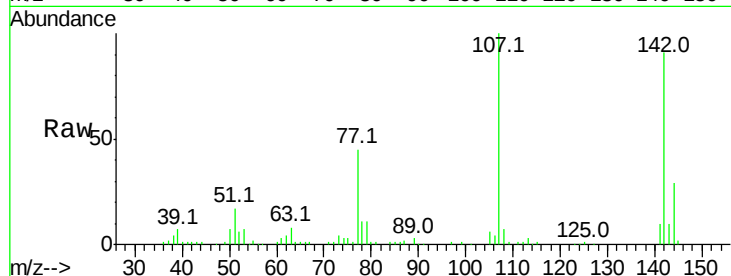
#36
 4-Chloro-3-methylphenol
 Concen: 36.91 ng
 RT: 8.69 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
144	28.9	19.3	28.9
142	90.8	59.9	89.9#

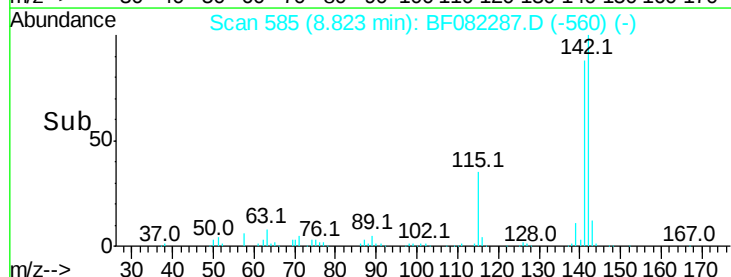
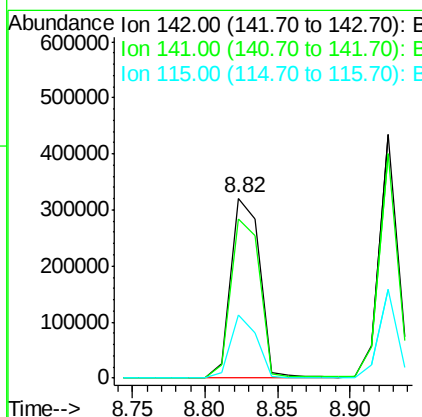
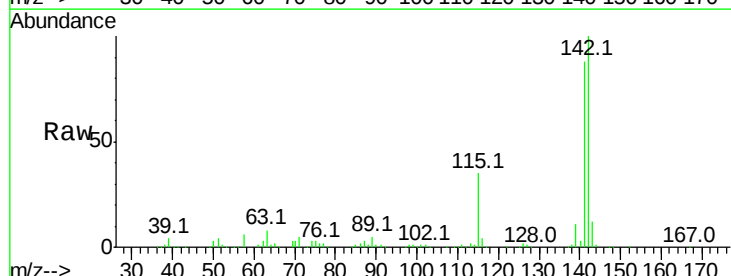
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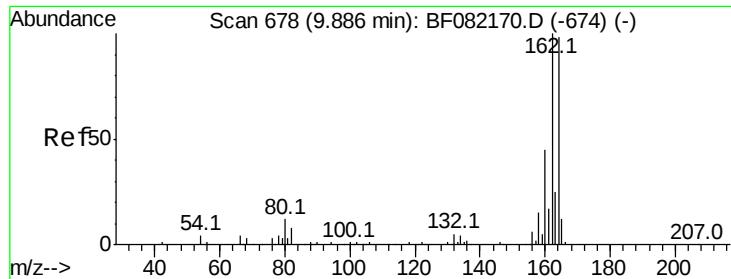
MMdadoda
 10/15/2015 4:55:42 PM



#37
 2-Methylnaphthalene
 Concen: 47.21 ng
 RT: 8.82 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	88.3	70.4	105.6
115	35.3	24.6	37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

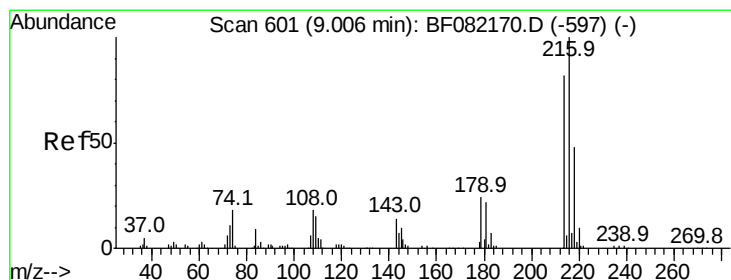
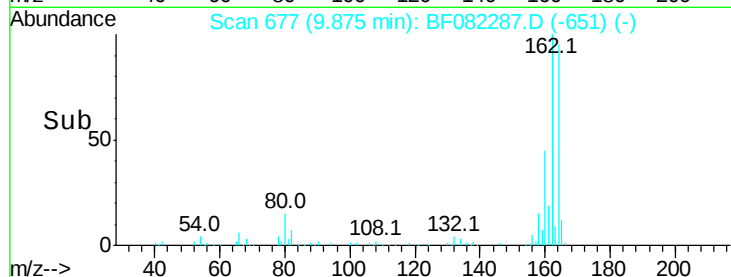
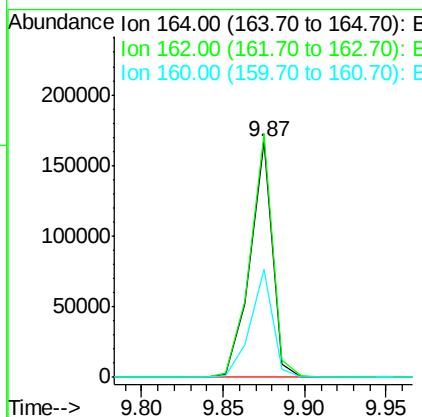
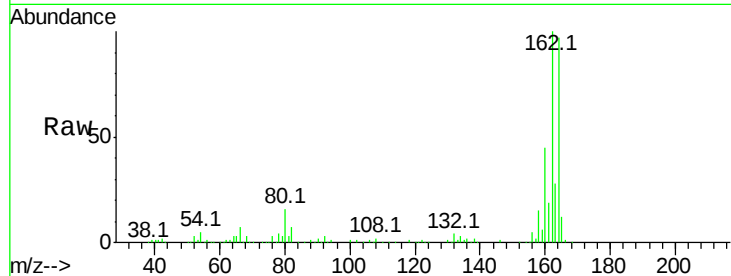
ClientSampleId :

CS-11MSD

Tot Ion:	164	Resp:	158331
Ion Ratio	Lower	Upper	
164	100		
162	103.2	81.6	122.4
160	46.0	36.4	54.6

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.96 ng

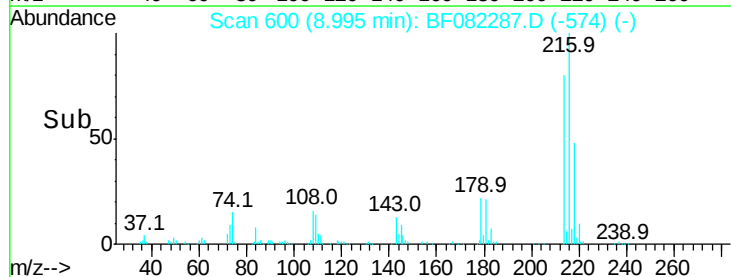
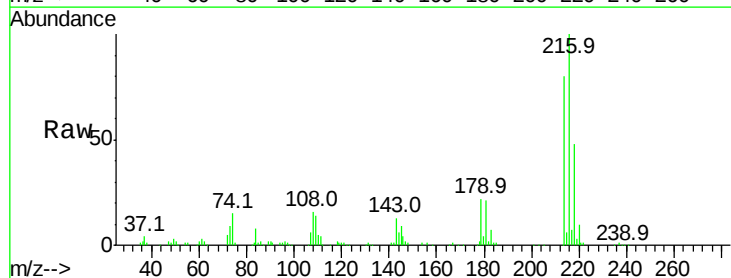
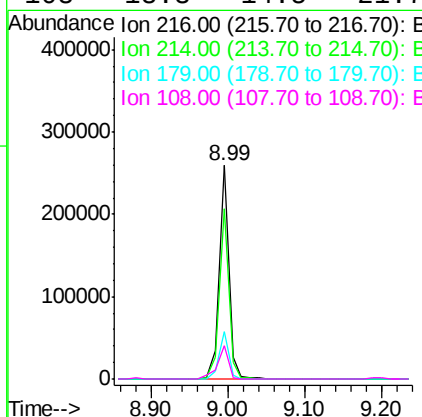
RT: 8.99 min Scan# 600

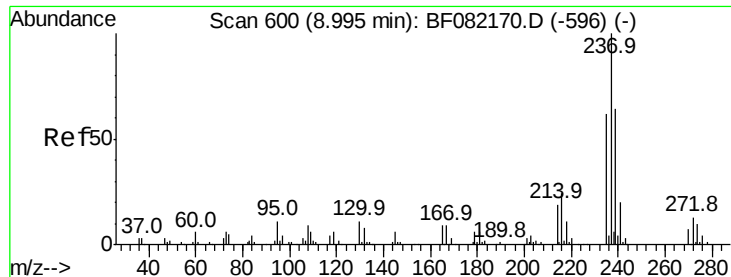
Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion:	216	Resp:	225872
Ion Ratio	Lower	Upper	
216	100		
214	79.0	64.6	97.0
179	21.7	17.6	26.4
108	18.3	14.5	21.7





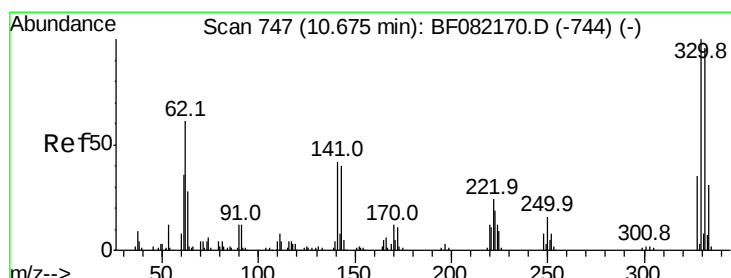
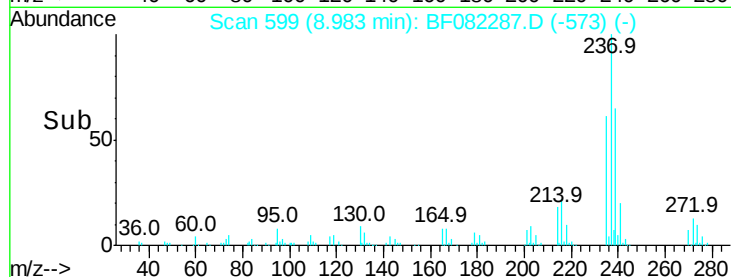
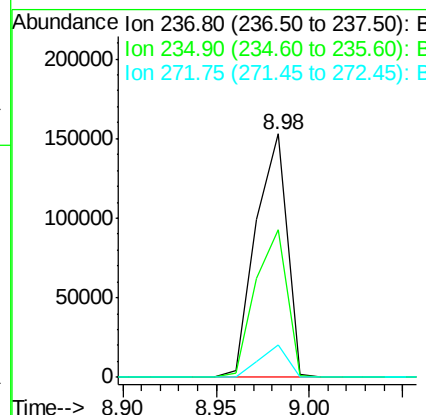
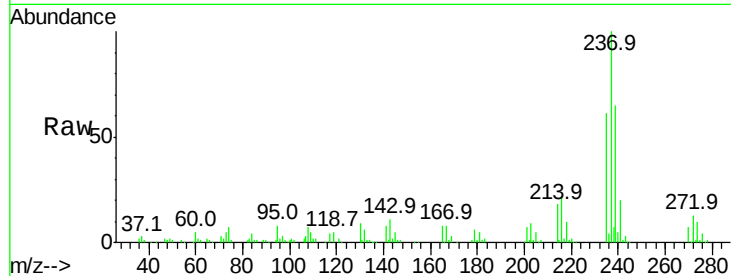
#40
Hexachlorocyclopentadiene
Concen: 74.90 ng
RT: 8.98 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	177072		
235	60.6	41.7	81.7	
272	13.3	0.0	32.8	

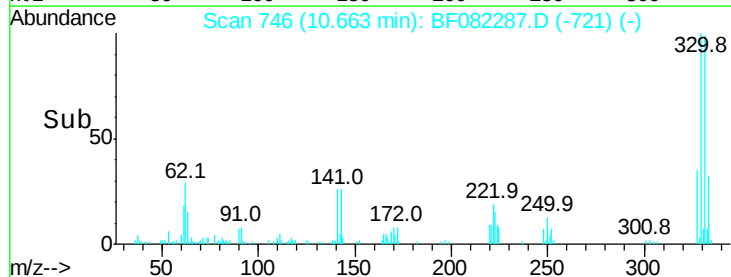
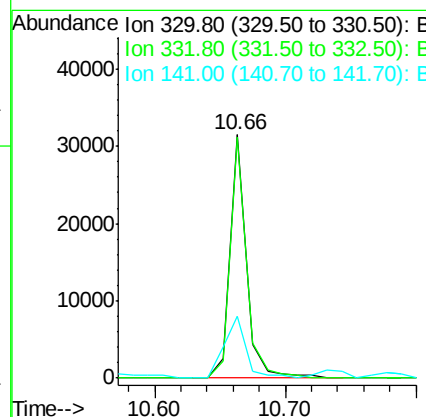
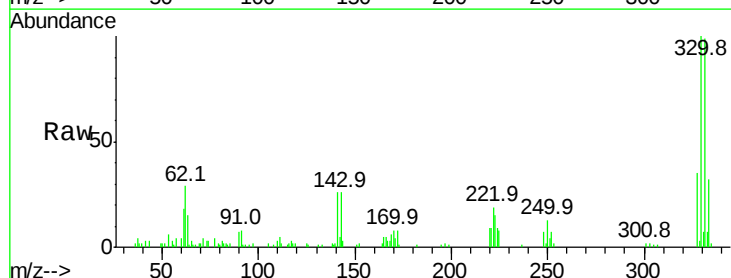
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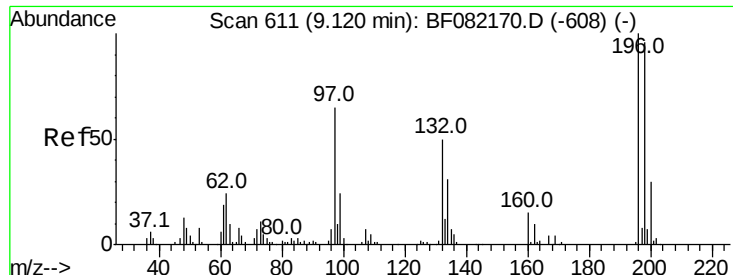
MMdadoda
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#41
2,4,6-Tribromophenol
Concen: 18.68 ng
RT: 10.66 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	27735		
332	99.1	77.1	115.7	
141	33.8	29.8	44.8	





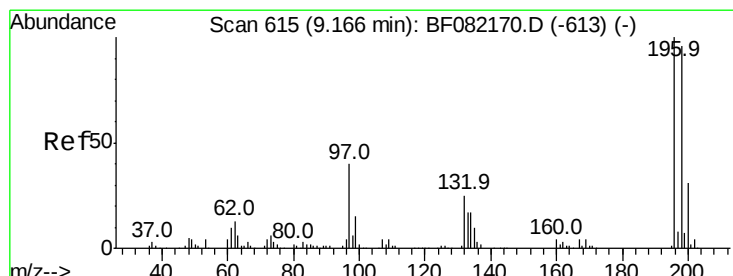
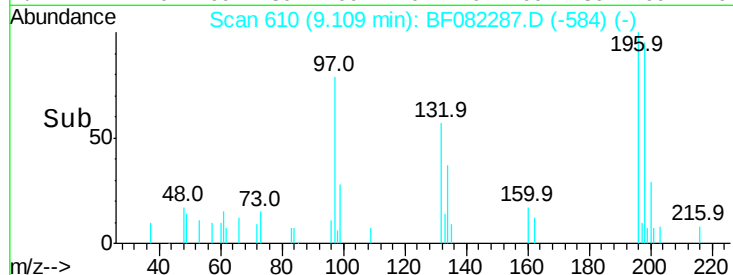
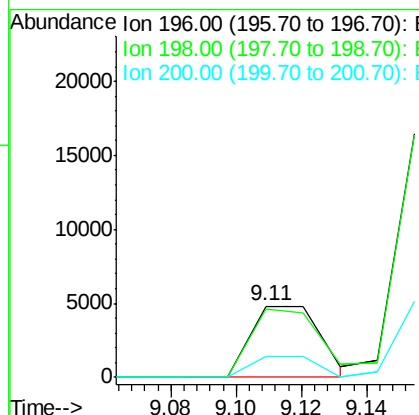
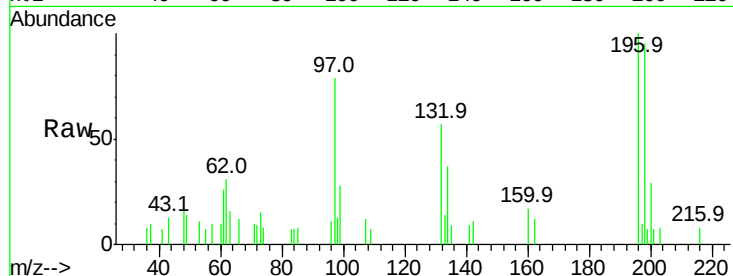
#42
 2,4,6-Trichlorophenol
 Concen: 2.27 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion:	196	Resp:	7104
Ion Ratio	Lower	Upper	
196	100		
198	94.8	76.6	115.0
200	29.3	23.7	35.5

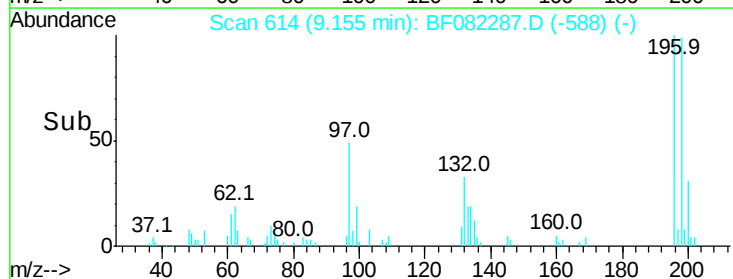
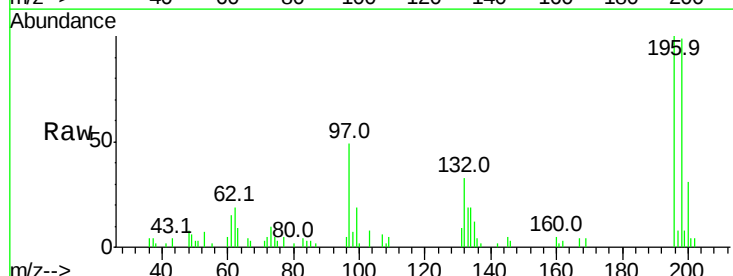
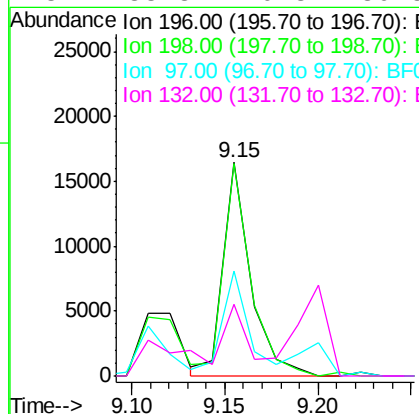
Manual Integrations
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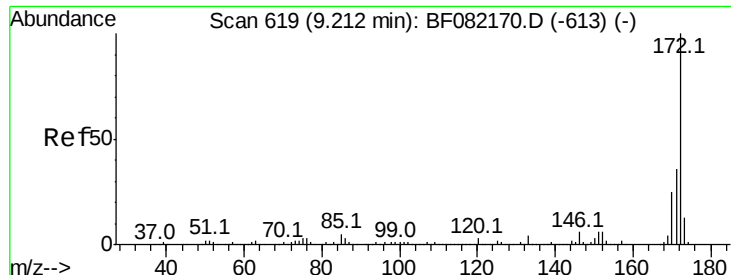
MMdadoda
 10/15/2015 4:55:42 PM



#43
 2,4,5-Trichlorophenol
 Concen: 5.03 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion:	196	Resp:	17049
Ion Ratio	Lower	Upper	
196	100		
198	99.4	77.0	115.4
97	48.9	31.9	47.9#
132	33.3	20.3	30.5#





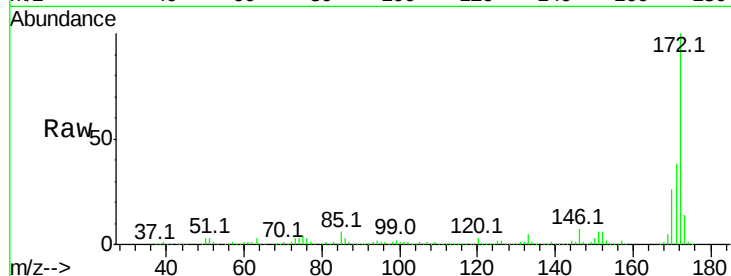
#44
 2-Fluorobiphenyl
 Concen: 171.08 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

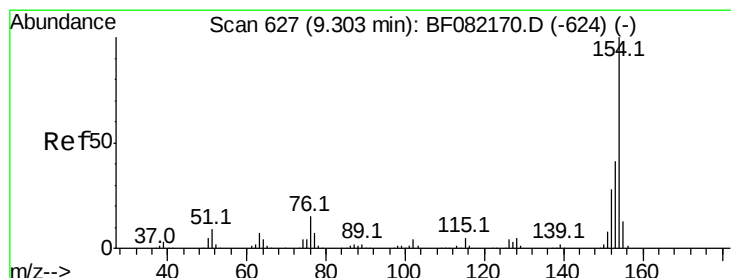
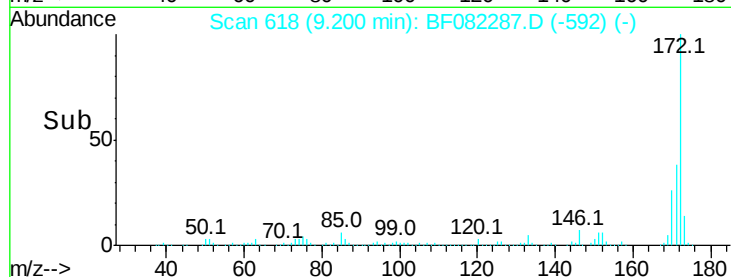
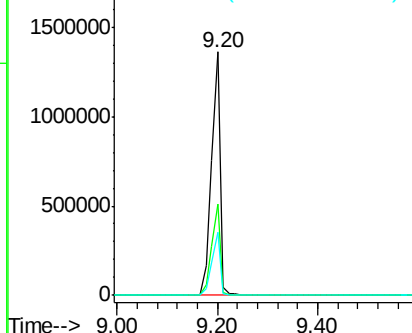
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.6	42.8
170	25.7	19.7	29.5

Manual Integrations
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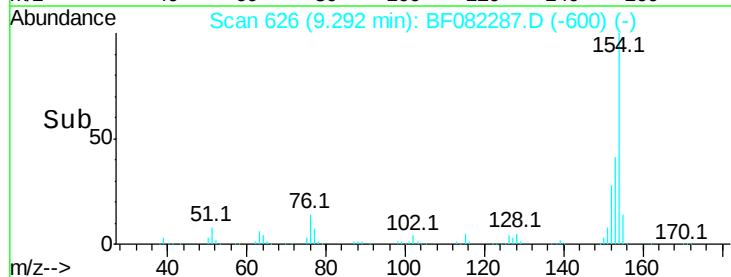
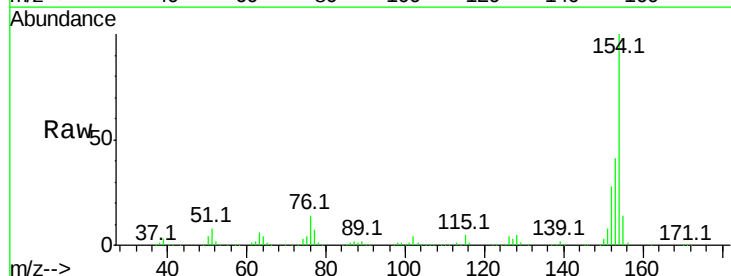
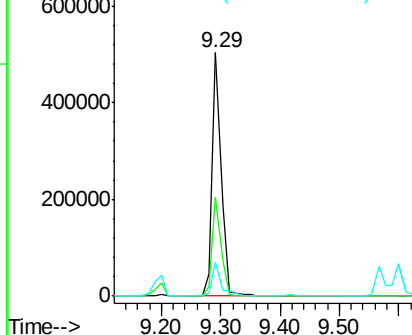
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

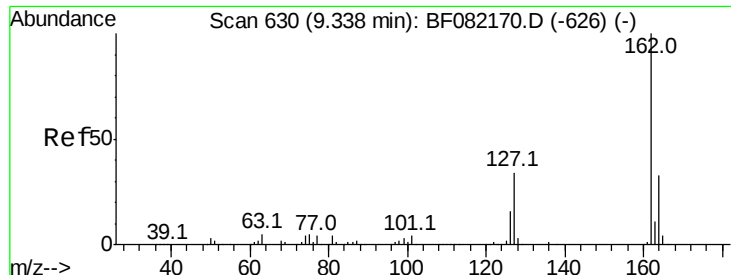


#45
 1,1'-Biphenyl
 Concen: 43.70 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	13.7	0.0	35.2

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





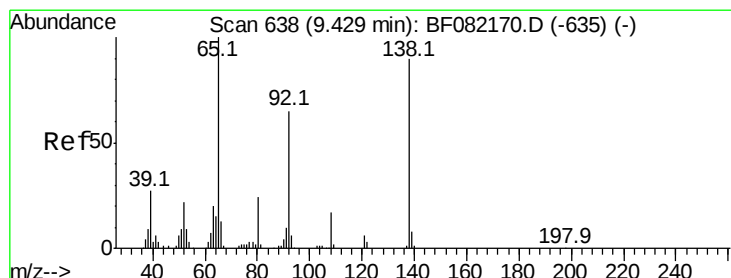
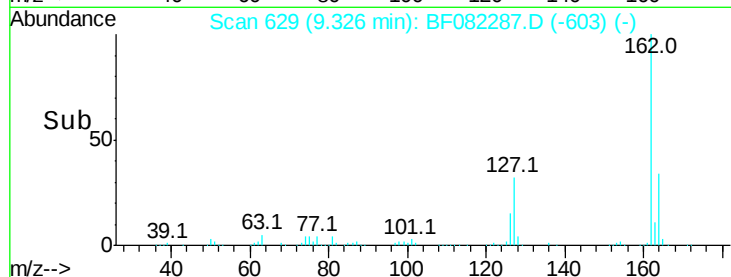
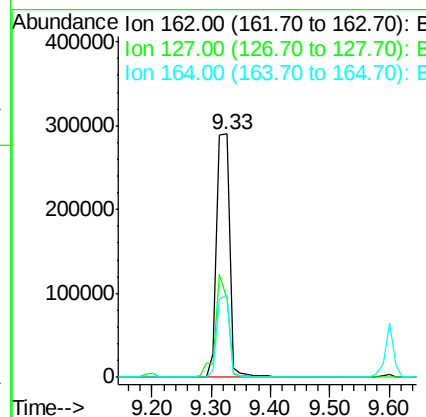
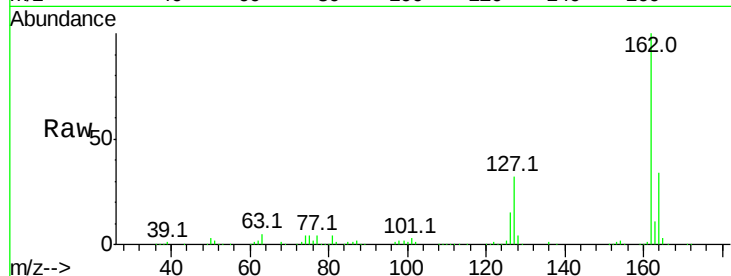
#46
2-Chloronaphthalene
Concen: 46.13 ng
RT: 9.33 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	32.3	27.5	41.3	
164	33.8	26.6	39.8	

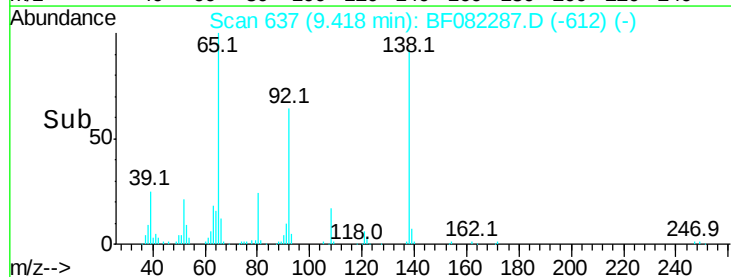
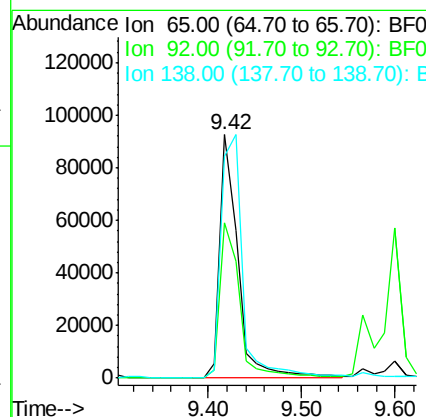
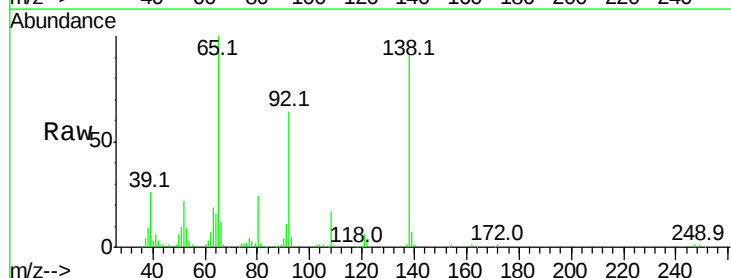
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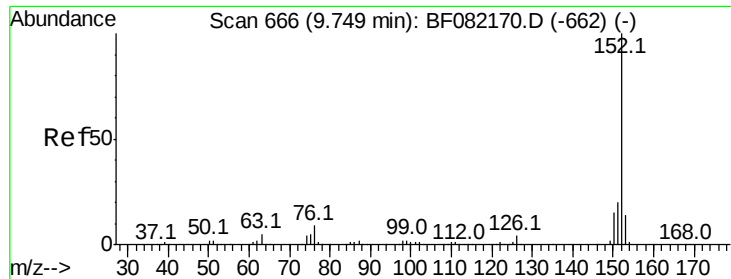
MMdadoda
10/15/2015 4:55:42 PM



#47
2-Nitroaniline
Concen: 48.08 ng
RT: 9.42 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	64.1	52.3	78.5	
138	91.4	72.2	108.4	





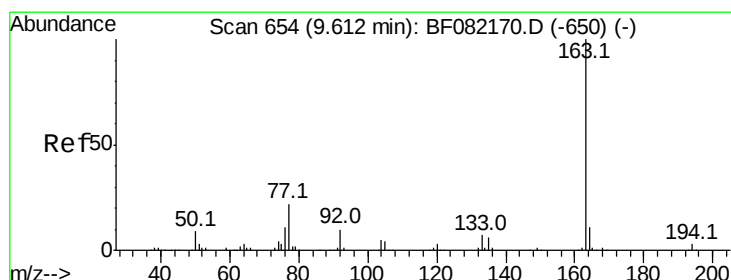
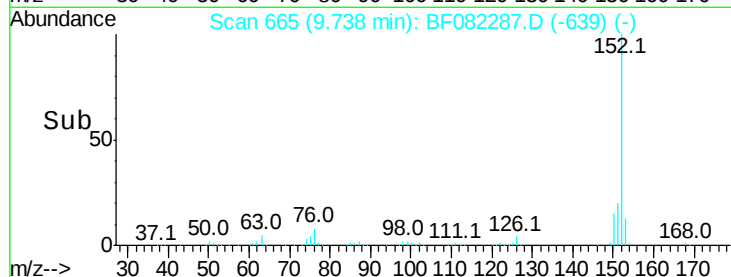
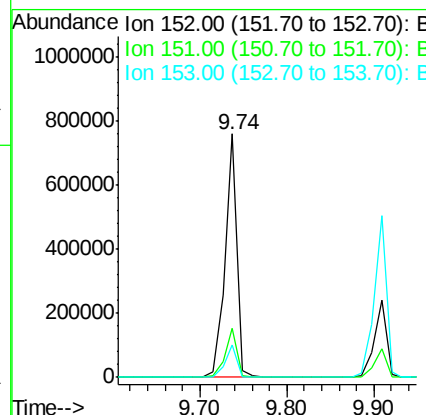
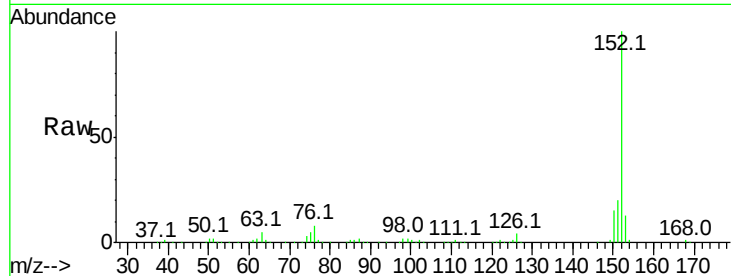
#48
Acenaphthylene
Concen: 49.54 ng
RT: 9.74 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	13.3	10.8	16.2

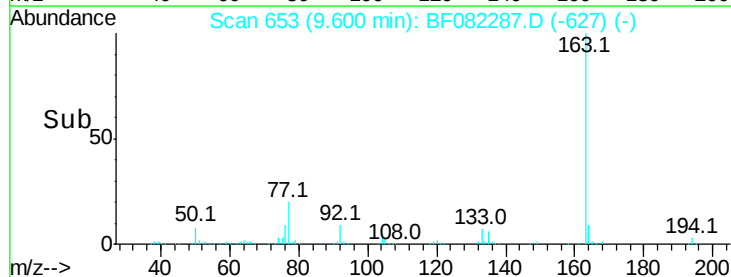
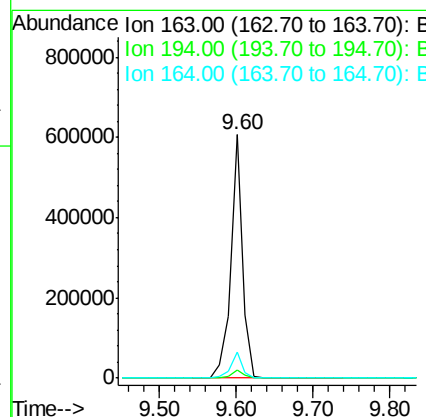
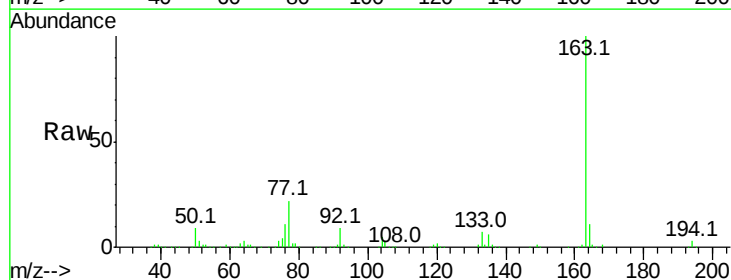
Manual Integrations
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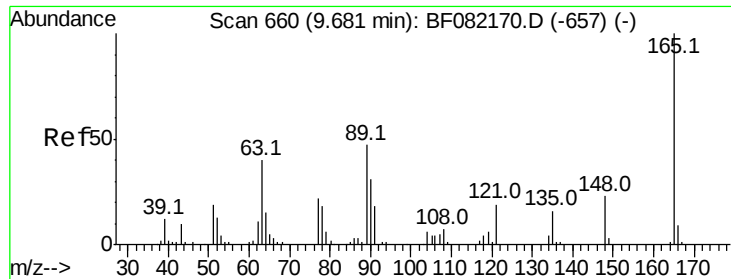
MMdadoda
10/15/2015 4:55:42 PM



#49
Dimethylphthalate
Concen: 59.09 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.5	12.7





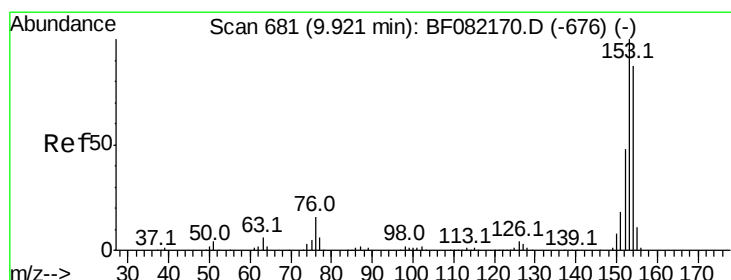
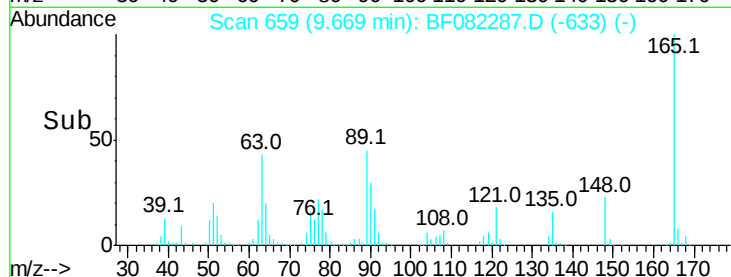
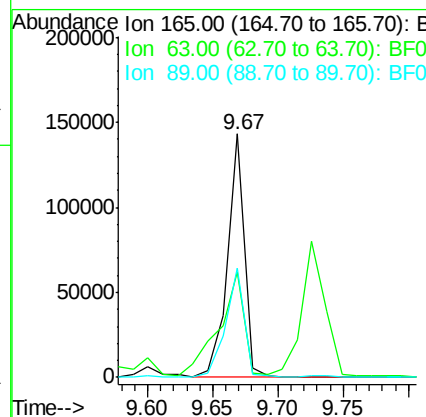
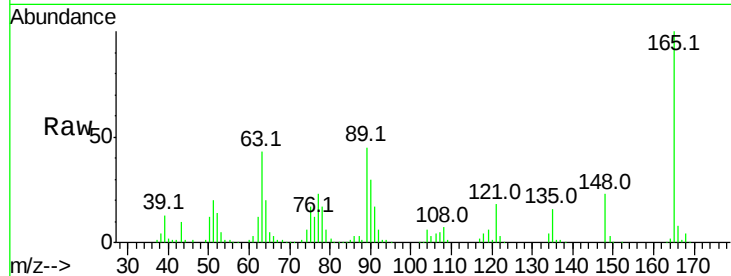
#50
2,6-Dinitrotoluene
Concen: 55.68 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	130986		
63	43.2		36.7	55.1
89	44.8		37.8	56.6

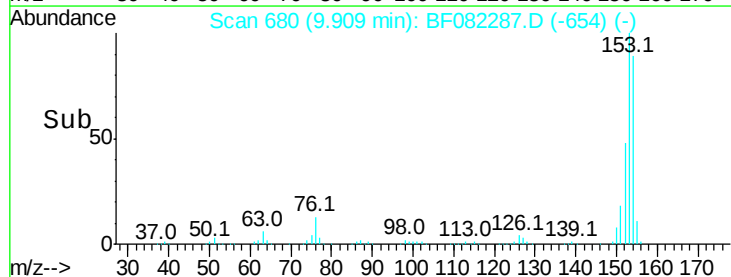
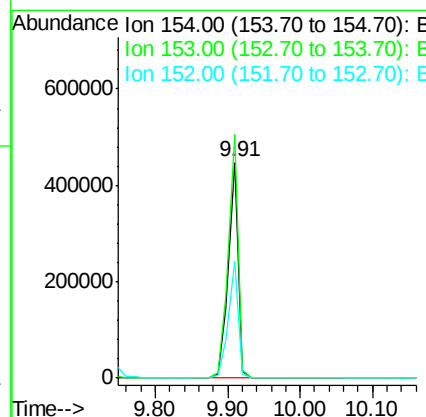
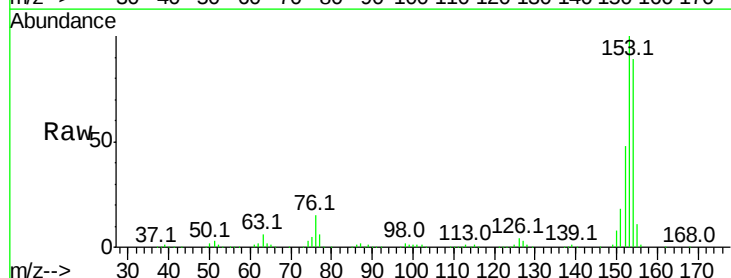
Manual Integrations
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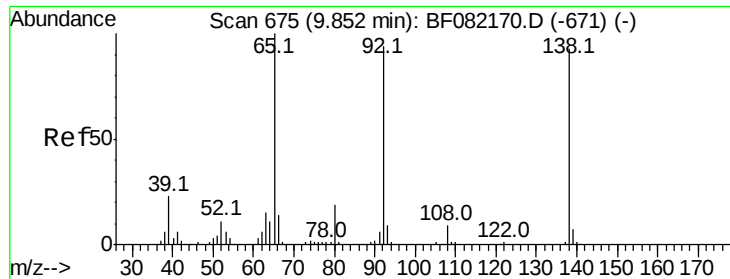
MMdadoda
10/15/2015 4:55:42 PM



#51
Acenaphthene
Concen: 48.03 ng
RT: 9.91 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	426918		
153	112.9		91.4	137.2
152	54.3		44.3	66.5





#52

3-Nitroaniline

Concen: 38.92 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

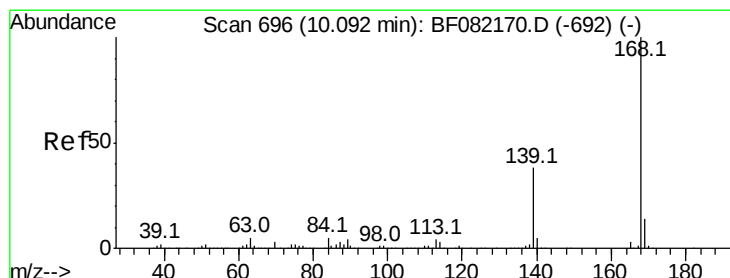
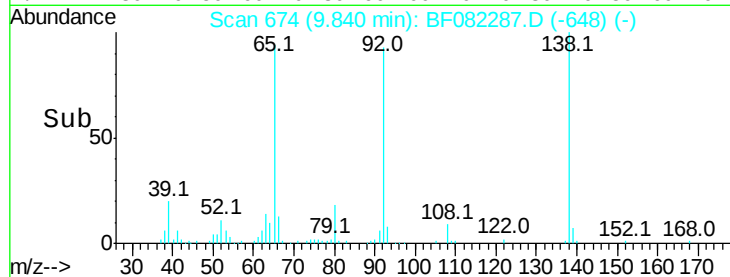
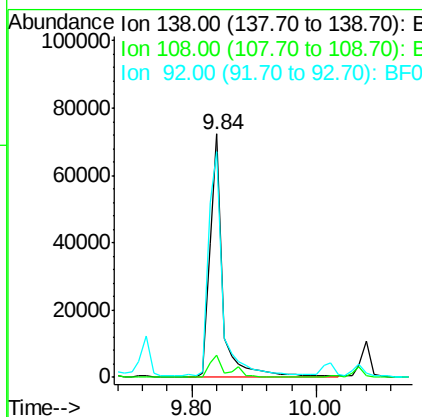
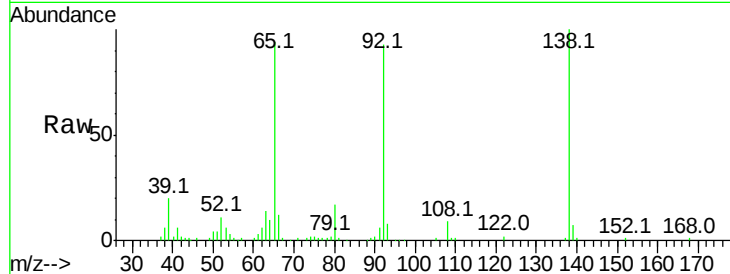
ClientSampleId :

CS-11MSD

Tot Ion:	138	Resp:	103419
Ion Ratio	Lower	Upper	
138	100		
108	9.3	7.4	11.0
92	92.8	81.3	121.9

Manual Integrations
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#54

Dibenzofuran

Concen: 54.43 ng

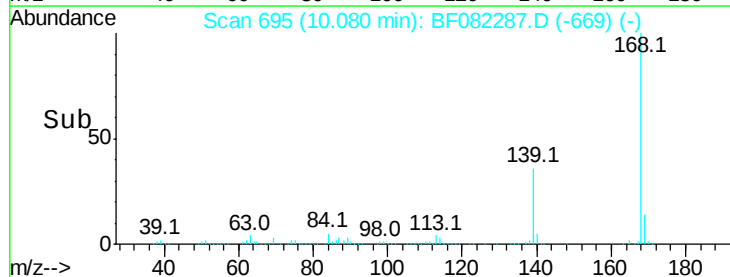
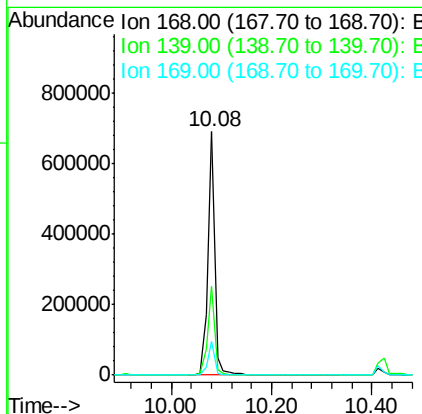
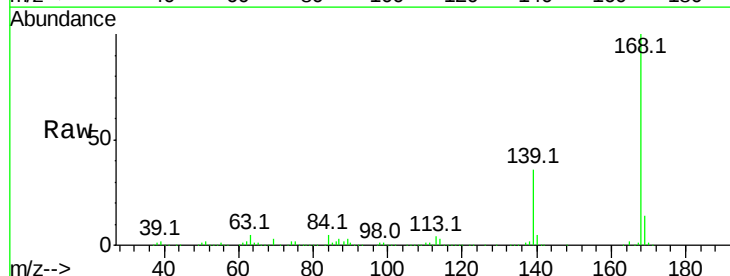
RT: 10.08 min Scan# 695

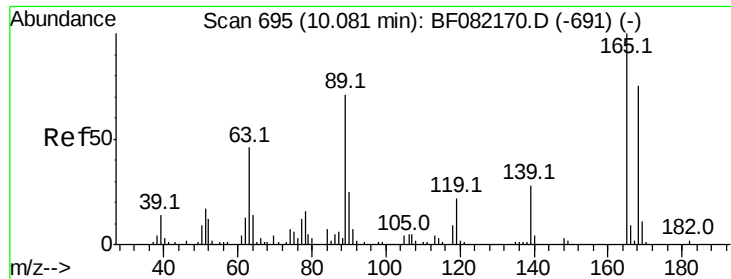
Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion:	168	Resp:	664280
Ion Ratio	Lower	Upper	
168	100		
139	36.4	31.0	46.6
169	13.7	10.9	16.3





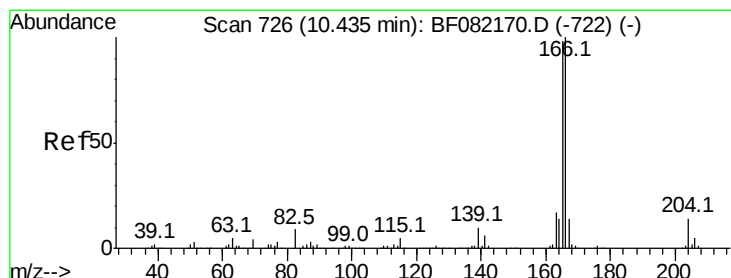
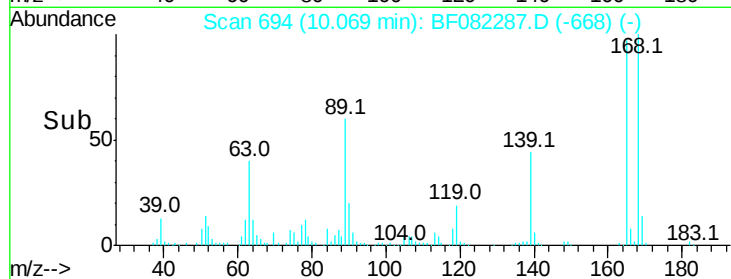
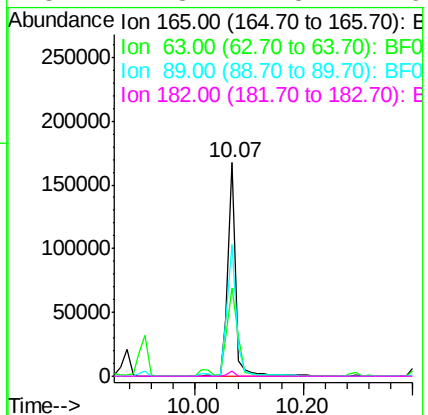
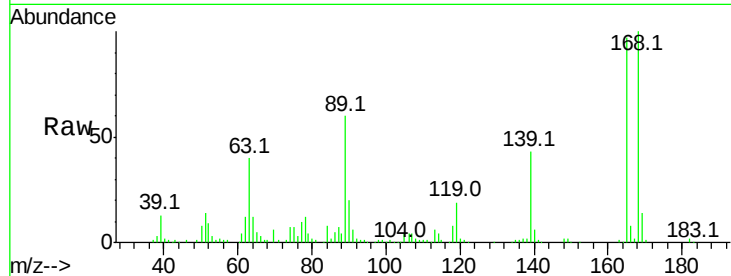
#56
2,4-Dinitrotoluene
Concen: 57.28 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	168432		
63	41.2	38.6	58.0	
89	61.9	57.0	85.6	
182	2.3	1.8	2.6	

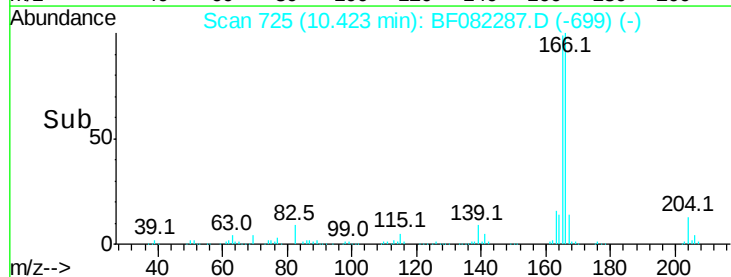
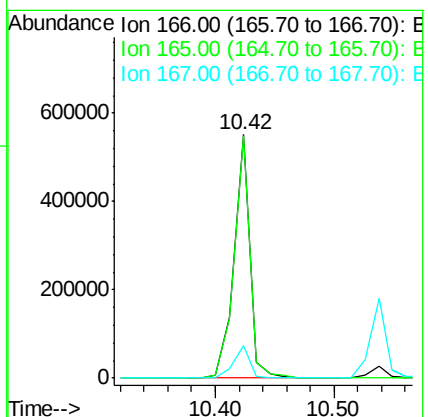
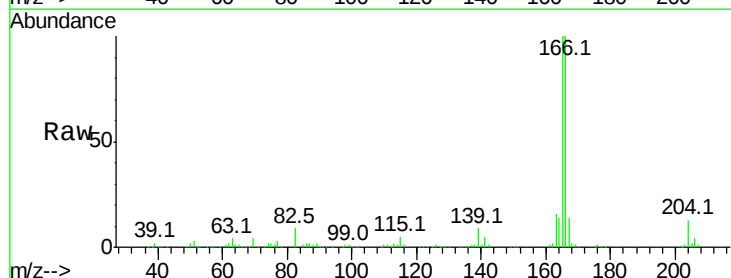
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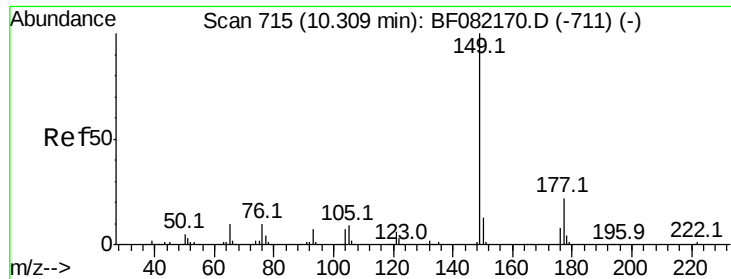
MMdadoda
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#57
Fluorene
Concen: 51.49 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	516122		
165	99.5	78.3	117.5	
167	13.6	10.8	16.2	





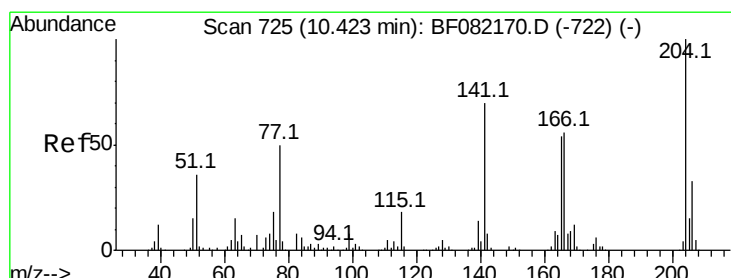
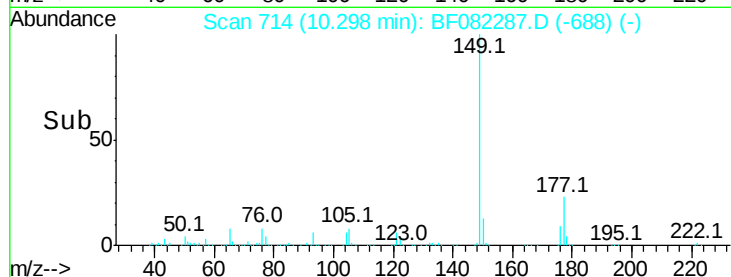
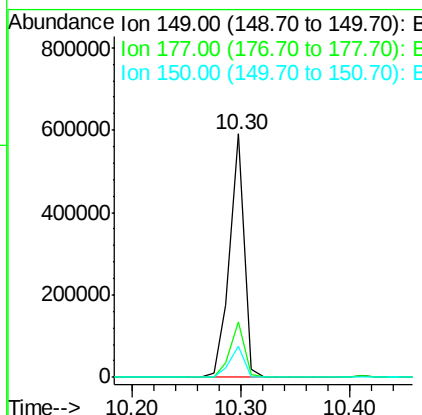
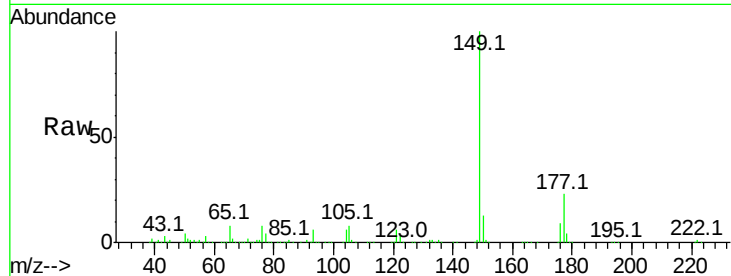
#59
Diethylphthalate
Concen: 52.96 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	22.9	17.6	26.4
150	12.7	10.3	15.5

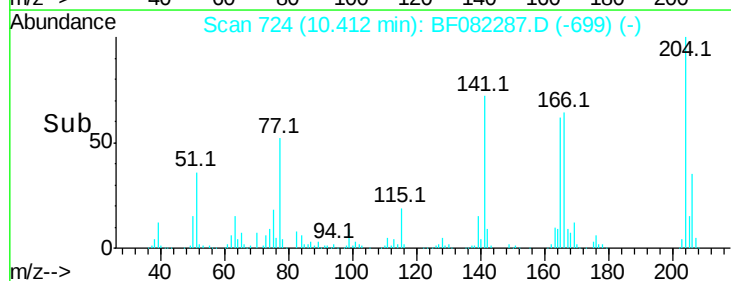
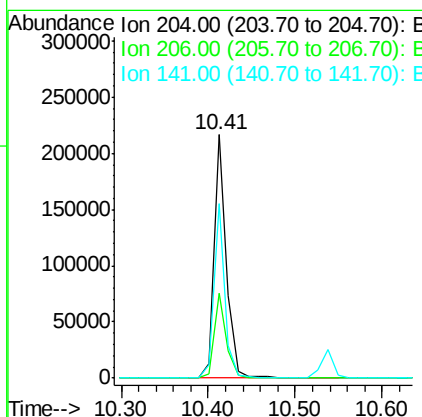
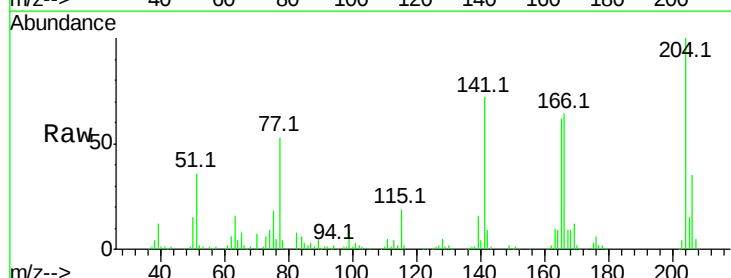
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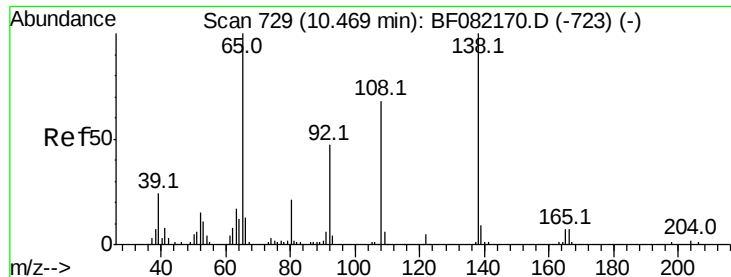
MMdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 46.99 ng
RT: 10.41 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	34.7	26.8	40.2
141	71.6	56.1	84.1





#61

4-Nitroaniline

Concen: 48.94 ng

RT: 10.45 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

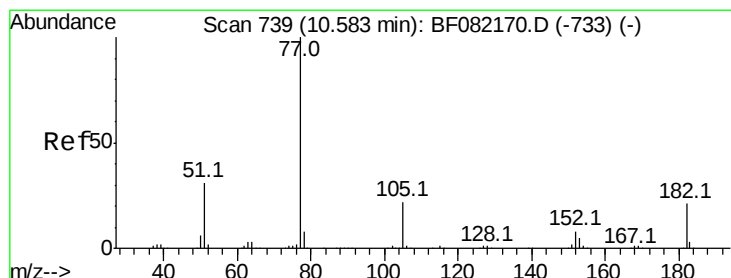
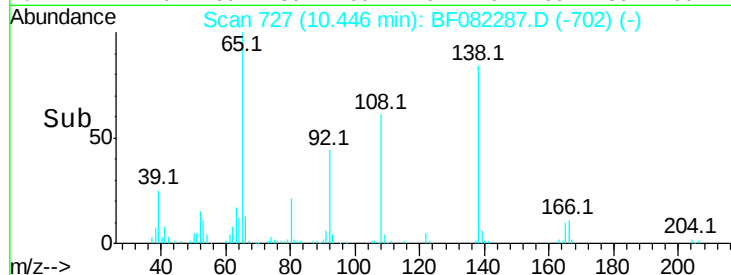
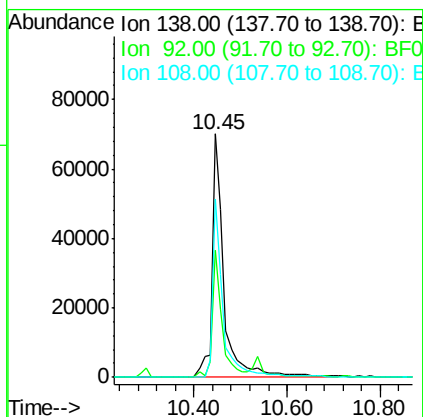
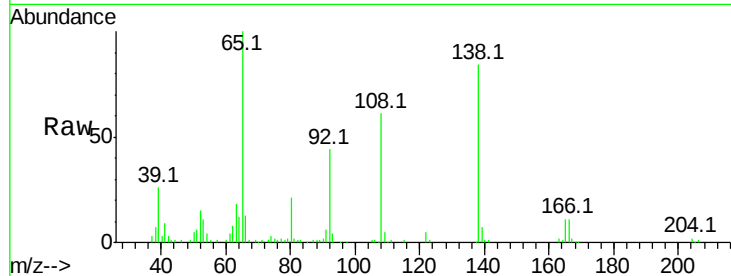
ClientSampleId :

CS-11MSD

Tot Ion:	138	Resp:	126131
Ion Ratio	Lower	Upper	
138	100		
92	52.4	26.8	66.8
108	73.1	48.4	88.4

Manual Integrations
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MMdadoda
10/15/2015 4:55:42 PM



#62

Azobenzene

Concen: 49.09 ng

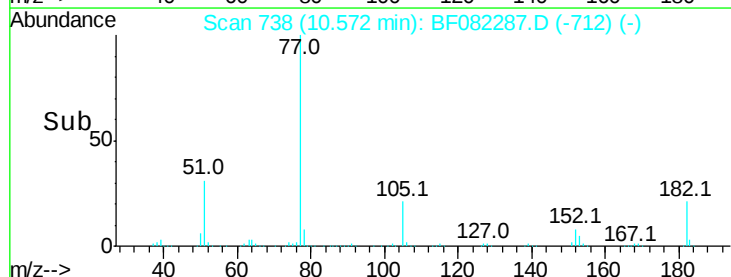
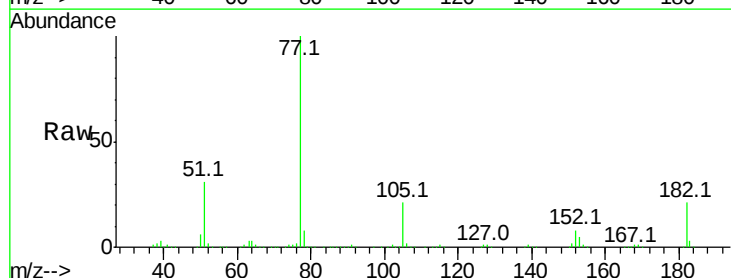
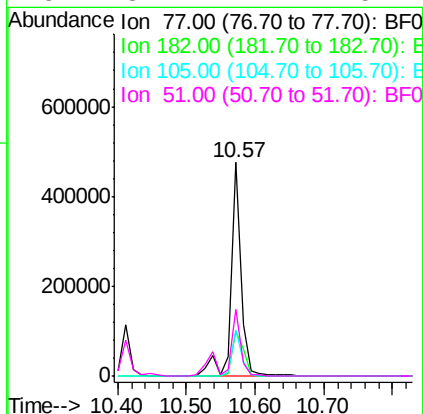
RT: 10.57 min Scan# 738

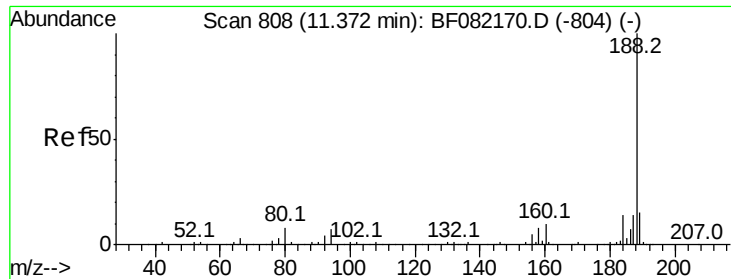
Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion:	77	Resp:	499286
Ion Ratio	Lower	Upper	
77	100		
182	21.0	0.5	40.5
105	21.5	1.8	41.8
51	31.1	11.2	51.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

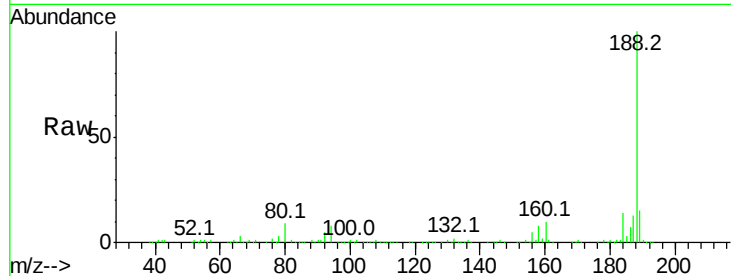
ClientSampleId :

CS-11MSD

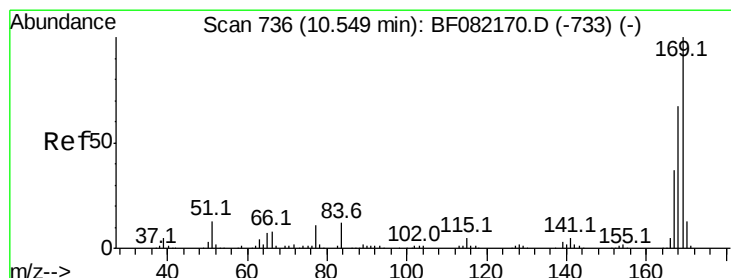
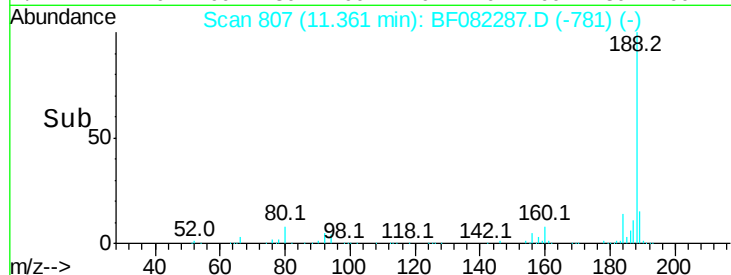
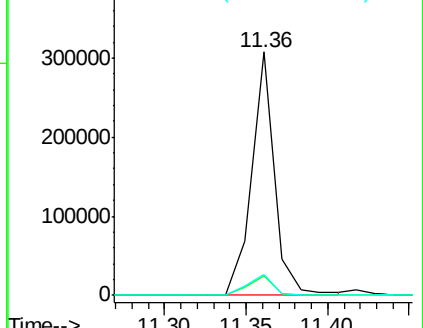
Tot Ion:	188	Resp:	298955
Ion Ratio	Lower	Upper	
188	100		
94	7.8	5.8	8.6
80	8.6	6.4	9.6

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Abundance Ion 188.00 (187.70 to 188.70): E



#65

n-Nitrosodiphenylamine

Concen: 51.57 ng

RT: 10.54 min Scan# 735

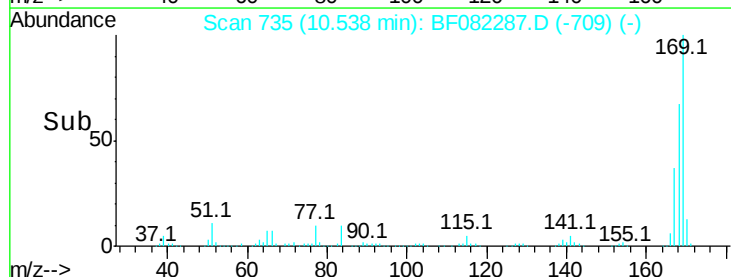
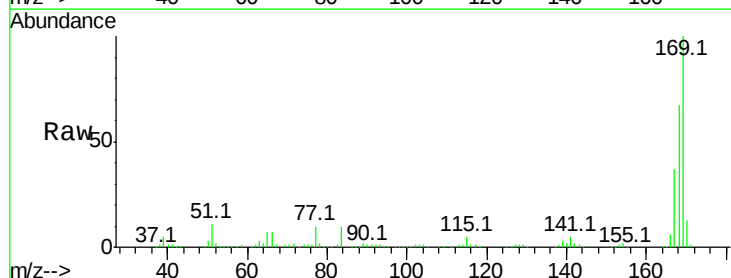
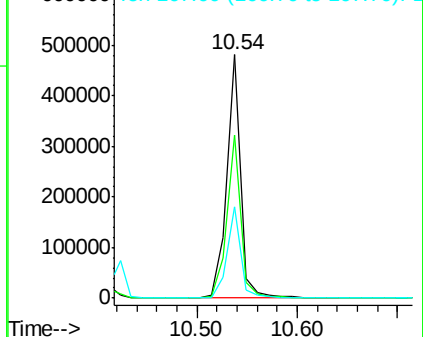
Delta R.T. -0.00 min

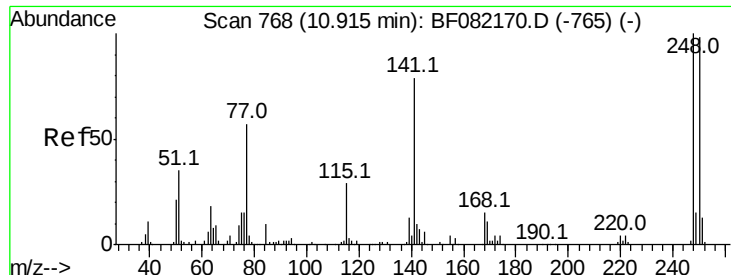
Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion:	169	Resp:	461578
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.0	81.0
167	37.5	29.6	44.4

Abundance Ion 169.00 (168.70 to 169.70): E





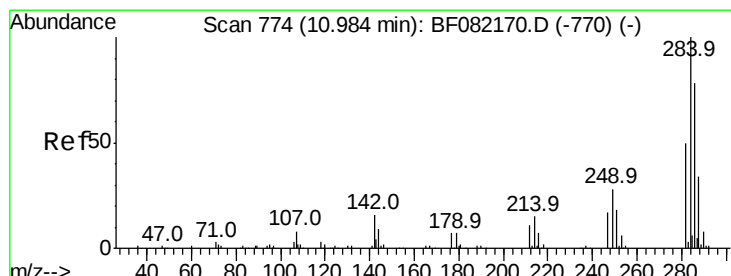
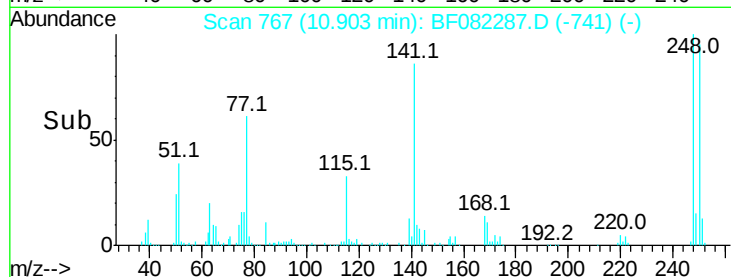
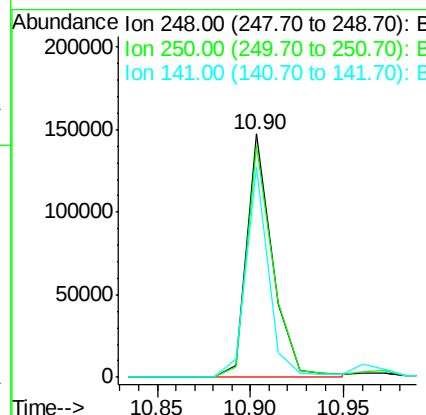
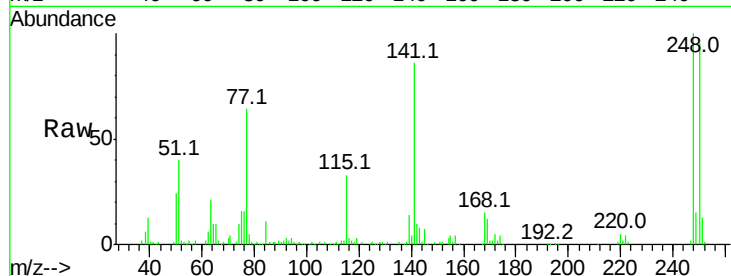
#66
 4-Bromophenyl-phenylether
 Concen: 47.55 ng
 RT: 10.90 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	78.6	117.8
141	86.3	63.3	94.9

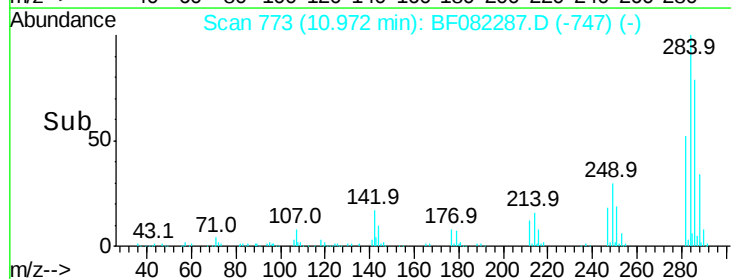
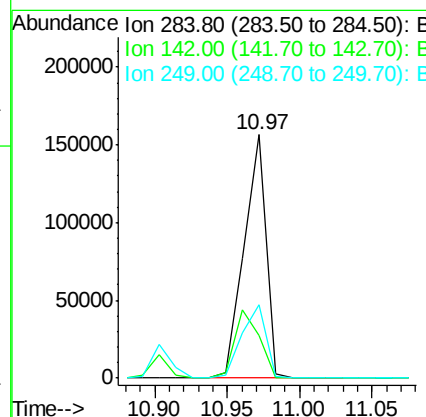
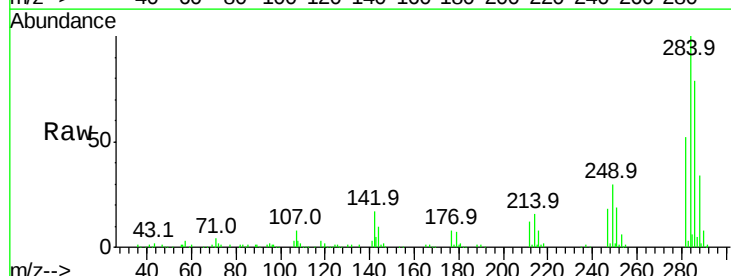
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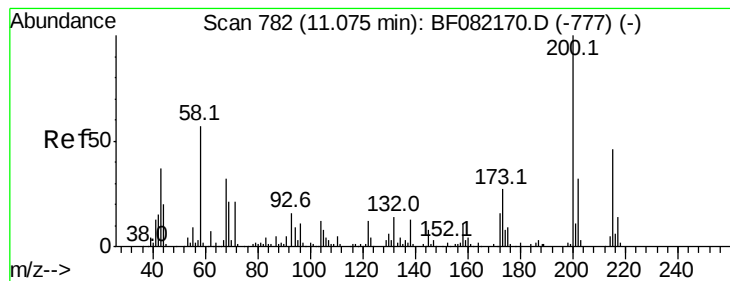
MMdadoda
 10/15/2015 4:55:42 PM



#67
 Hexachlorobenzene
 Concen: 50.88 ng
 RT: 10.97 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	17.5	13.0	19.6
249	29.9	22.5	33.7





#68

Atrazine

Concen: 51.33 ng

RT: 11.06 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

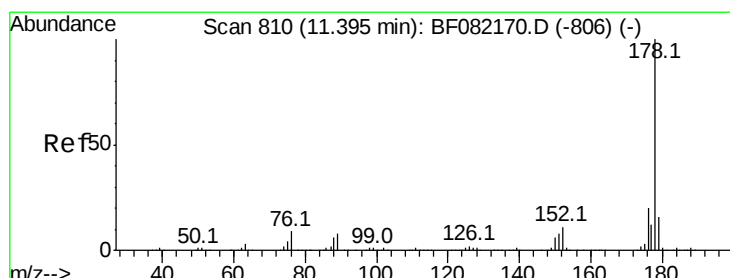
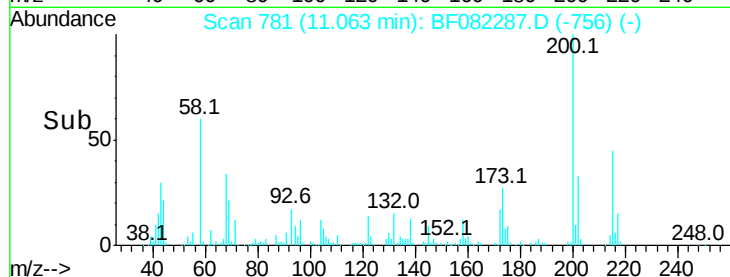
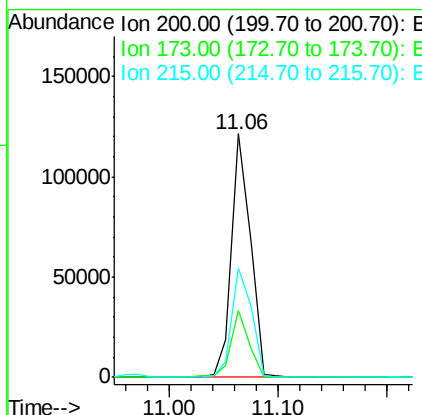
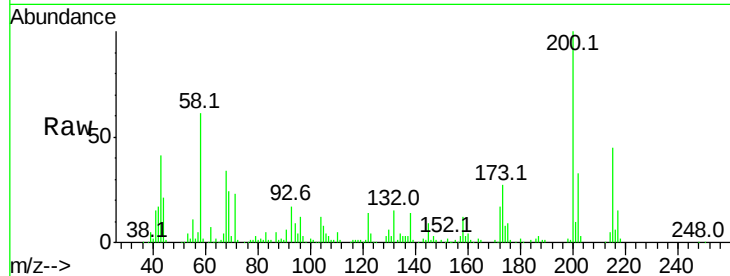
ClientSampleId :

CS-11MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.3	47.3
215	45.0	26.2	66.2

Manual Integrations
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#70

Phenanthrene

Concen: 47.97 ng

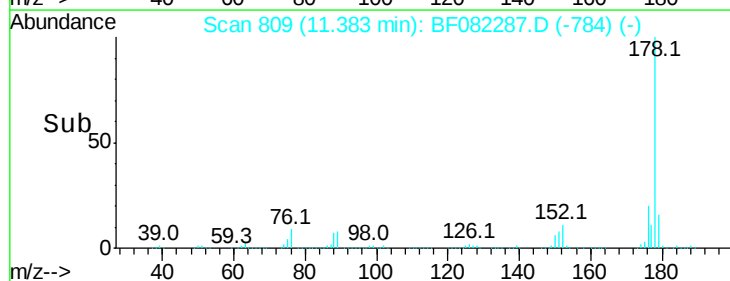
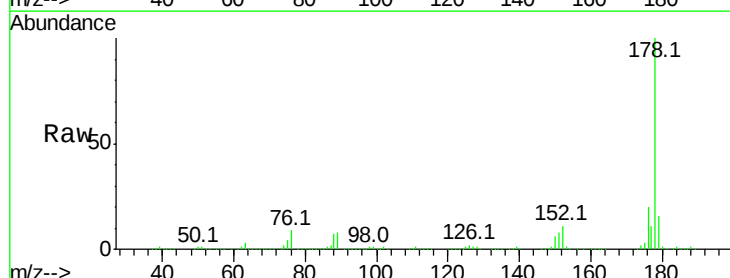
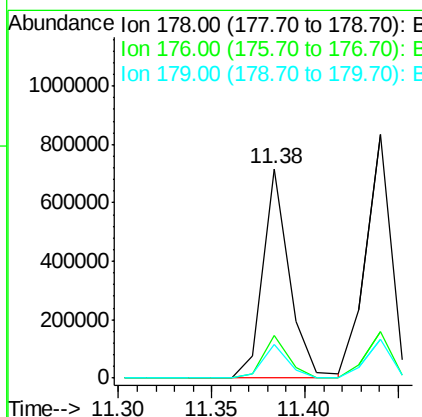
RT: 11.38 min Scan# 809

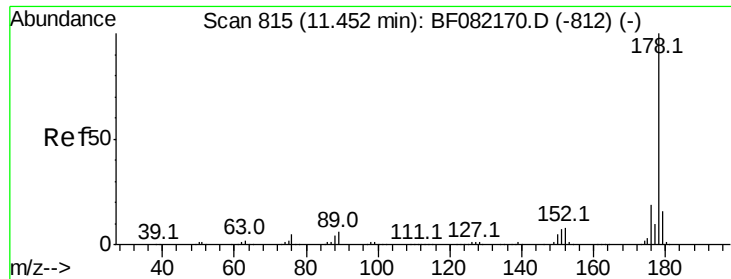
Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	16.0	12.6	19.0





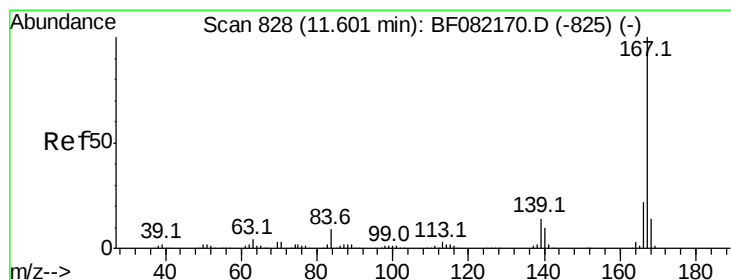
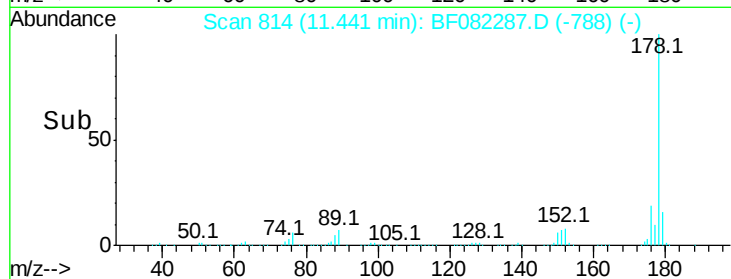
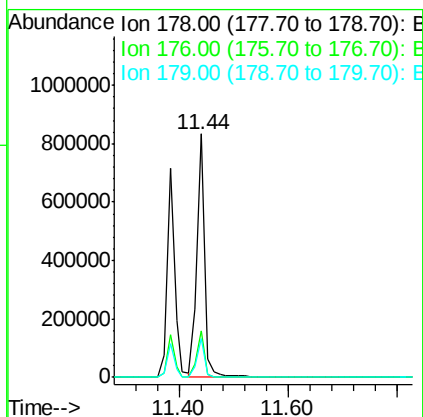
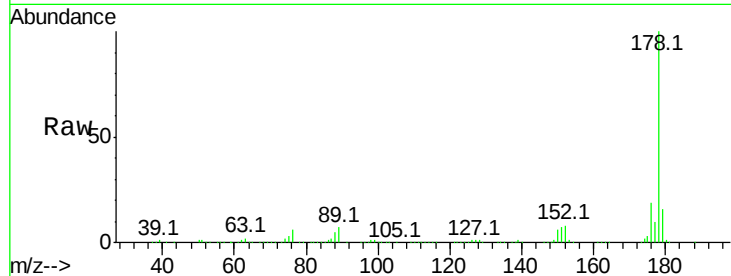
#71
 Anthracene
 Concen: 54.20 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.8	12.5	18.7

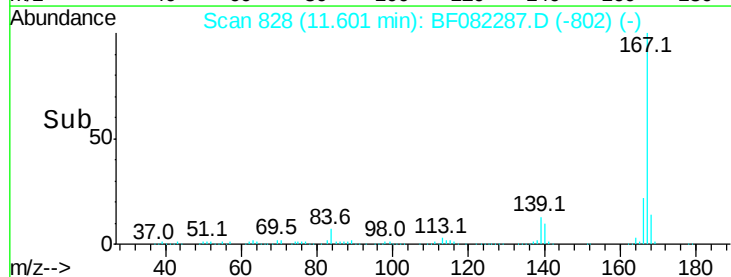
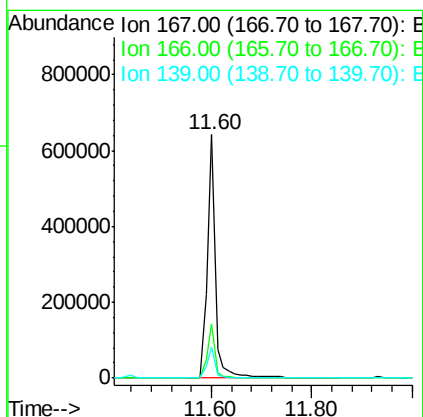
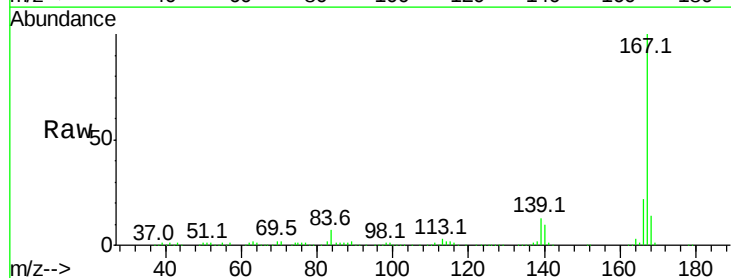
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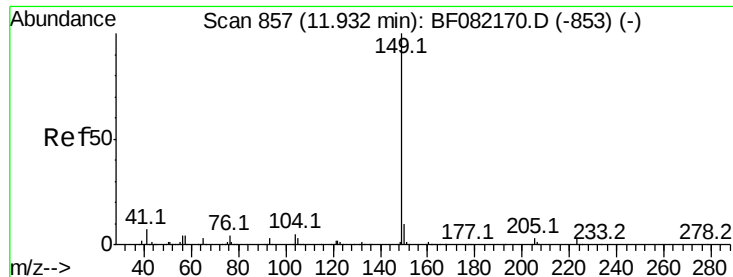
MMdadoda
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#72
 Carbazole
 Concen: 52.32 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.3	25.9
139	12.5	11.2	16.8





#73

Di-n-butylphthalate

Concen: 49.04 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

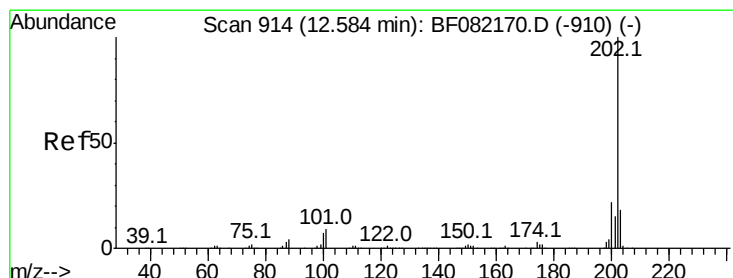
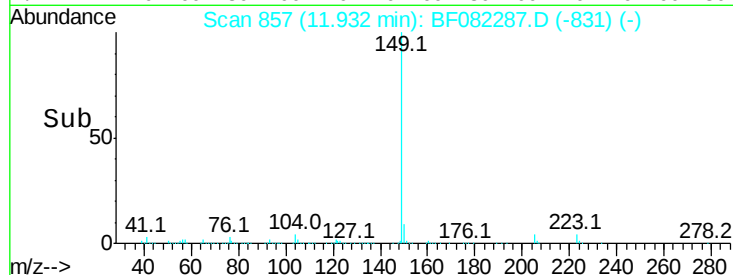
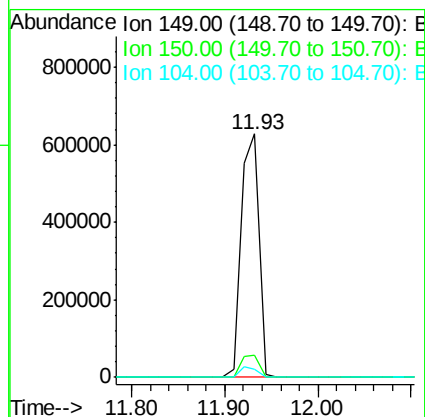
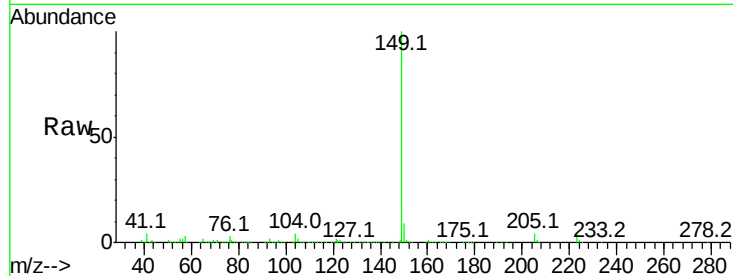
ClientSampleId :

CS-11MSD

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Tot Ion:	149	Resp:	833413
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	3.5	3.8	5.8



#74

Fluoranthene

Concen: 50.24 ng

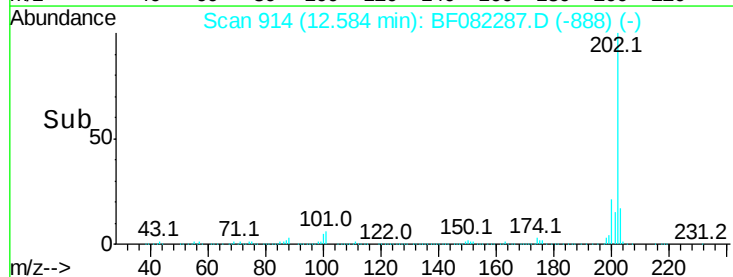
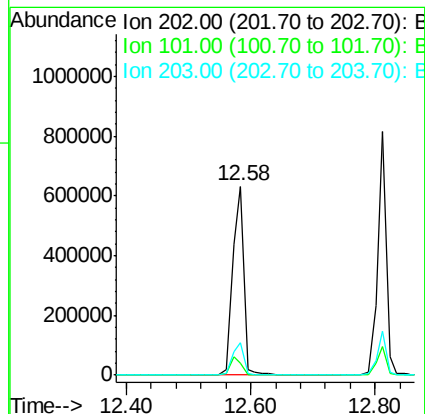
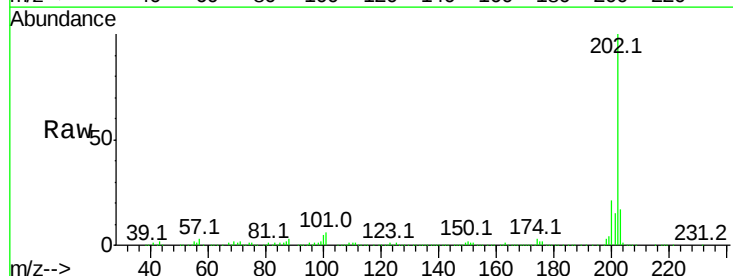
RT: 12.58 min Scan# 914

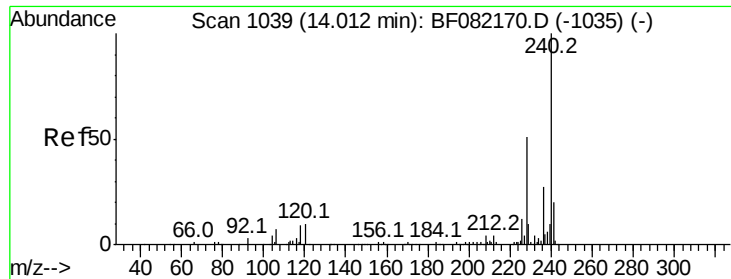
Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion:	202	Resp:	790716
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	29.3
203	17.3	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.06 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

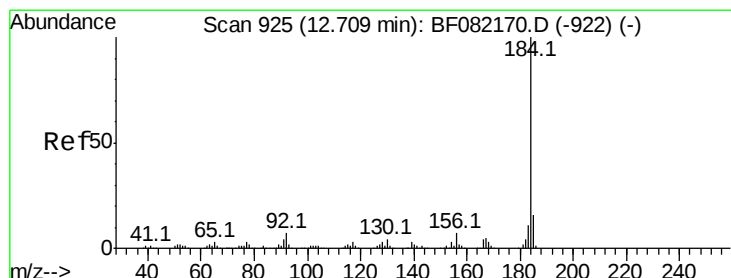
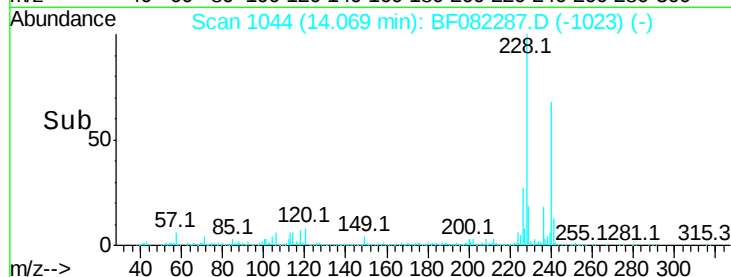
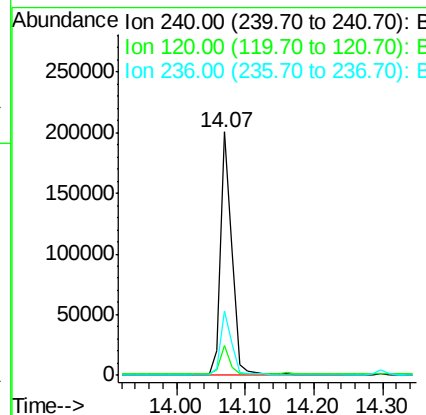
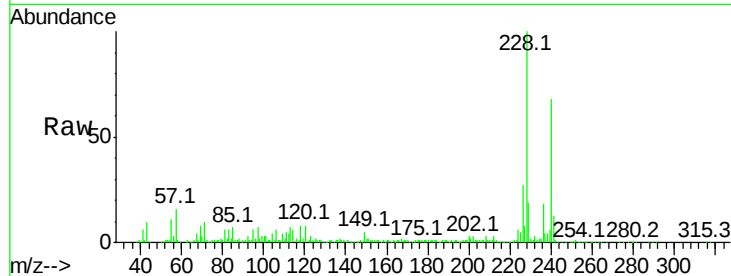
ClientSampleId :

CS-11MSD

Tot Ion:	240	Resp:	236567
Ion Ratio	Lower	Upper	
240	100		
120	12.3	8.1	12.1#
236	26.2	21.3	31.9

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#76

Benzidine

Concen: 42.10 ng

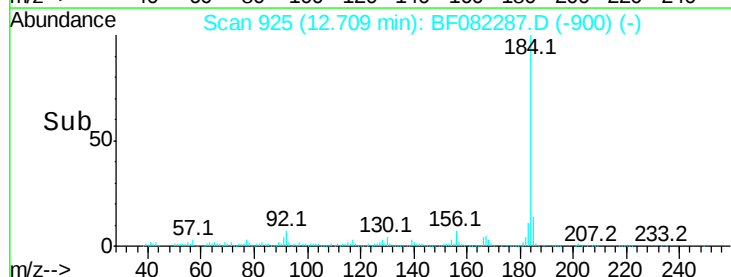
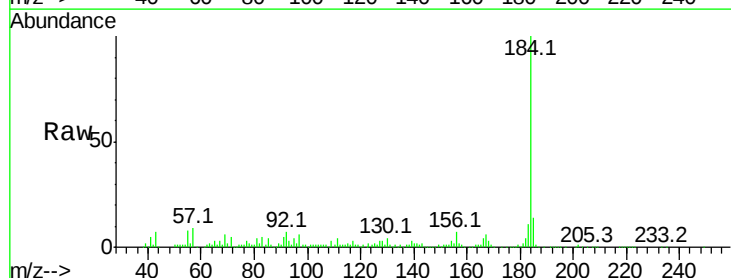
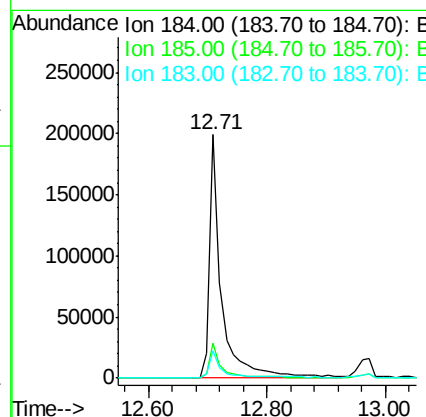
RT: 12.71 min Scan# 925

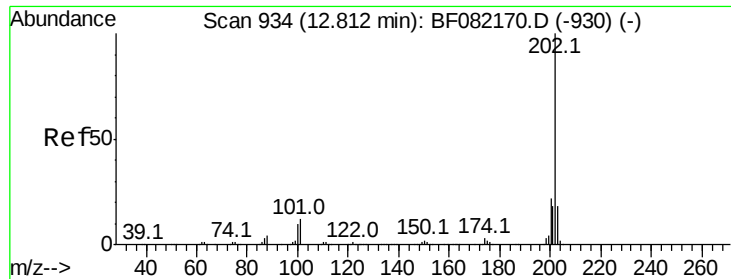
Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion:	184	Resp:	288642
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.5	18.7
183	11.2	9.1	13.7





#77

Pvrene

Concen: 55.51 ng

RT: 12.81 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

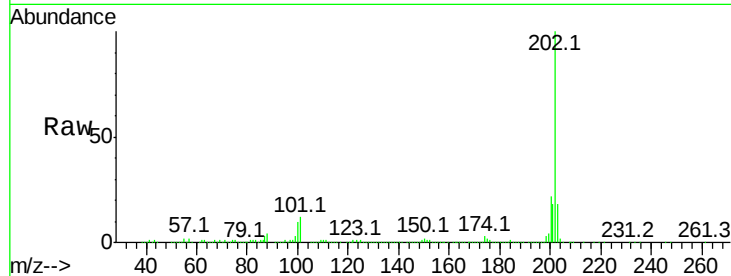
ClientSampleId :

CS-11MSD

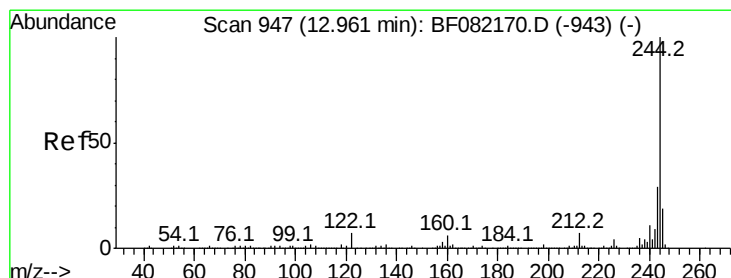
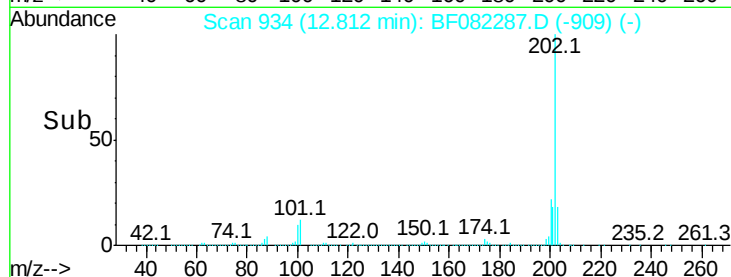
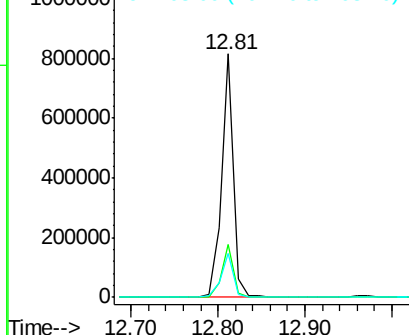
Tot Ion:	202	Resp:	779277
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.9	26.9
203	18.0	14.5	21.7

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



#78

Terphenyl-d14

Concen: 197.77 ng

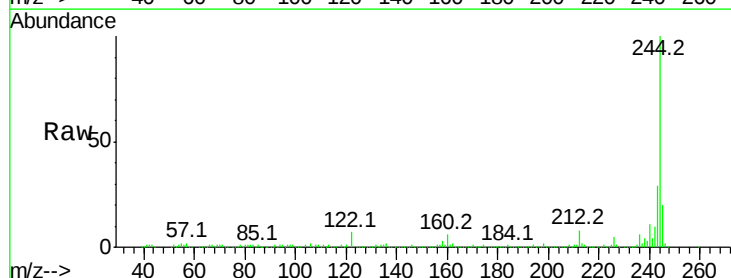
RT: 12.97 min Scan# 948

Delta R.T. -0.01 min

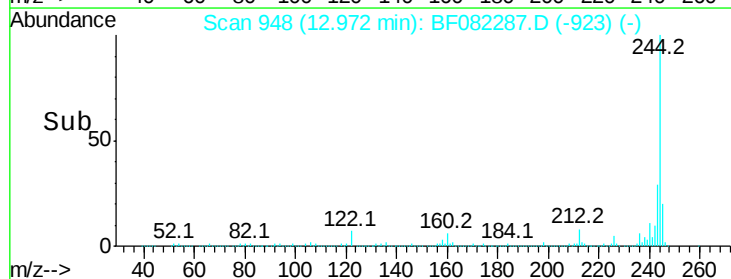
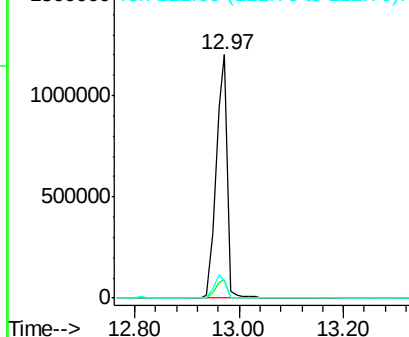
Lab File: BF082287.D

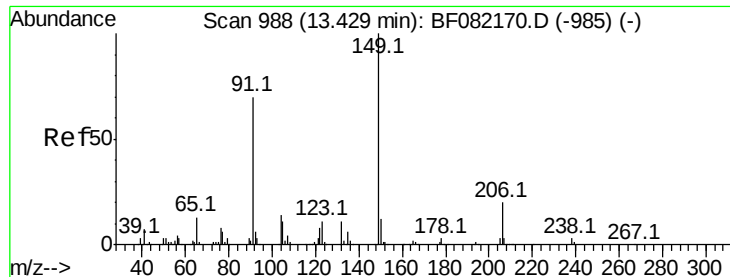
Acq: 14 Oct 2015 19:10

Tgt Ion:	244	Resp:	1765530
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.8	8.6
122	7.0	5.9	8.9



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





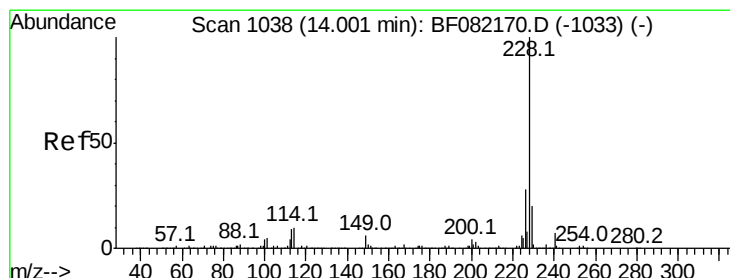
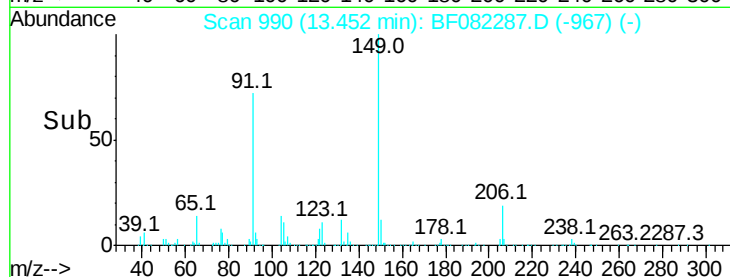
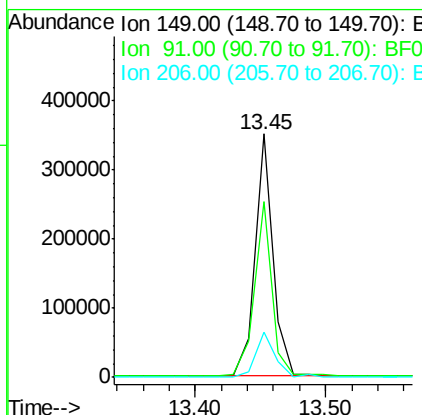
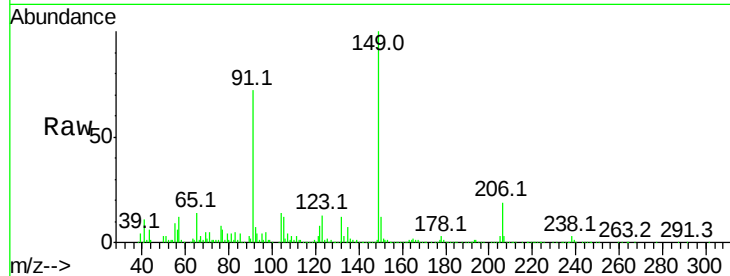
#79
Butylbenzylphthalate
Concen: 52.12 ng
RT: 13.45 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	333946		
91	72.0		55.7	83.5
206	18.5		15.6	23.4

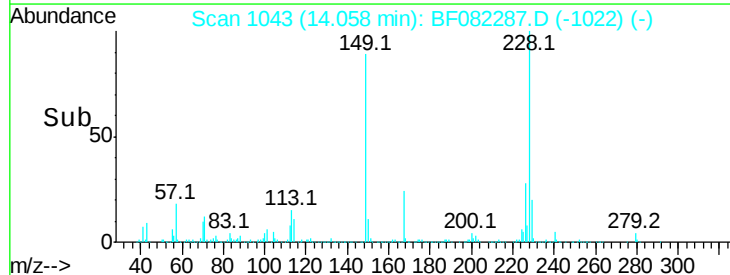
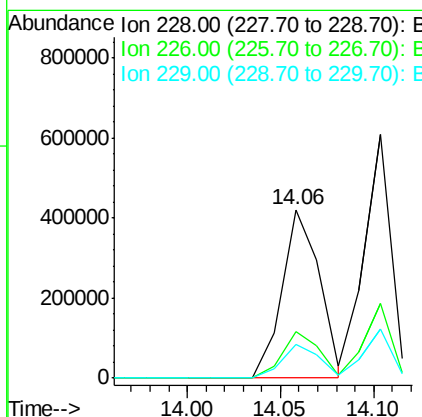
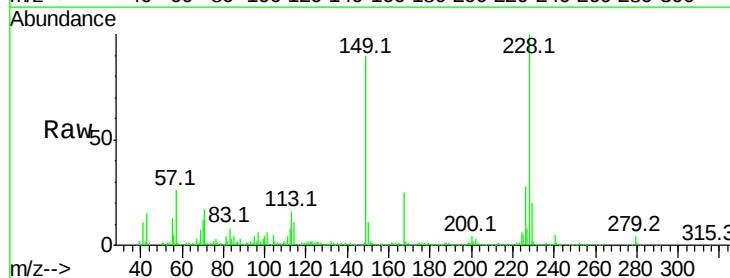
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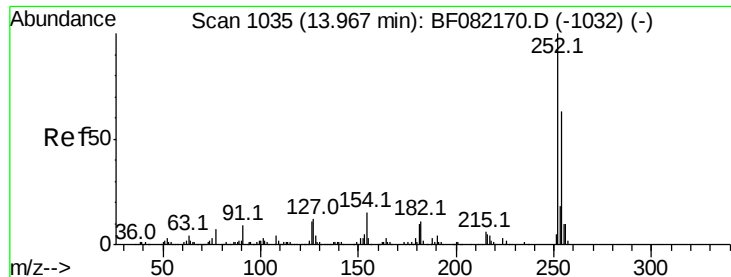
MMdadoda
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#80
Benzo(a)anthracene
Concen: 48.02 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	591066		
226	27.7		22.3	33.5
229	19.8		16.2	24.2





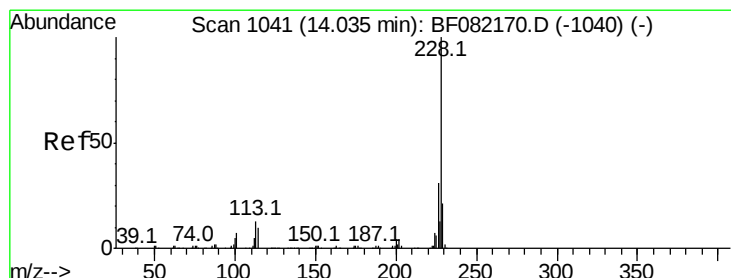
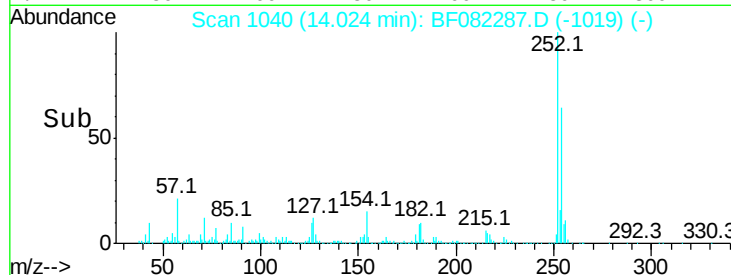
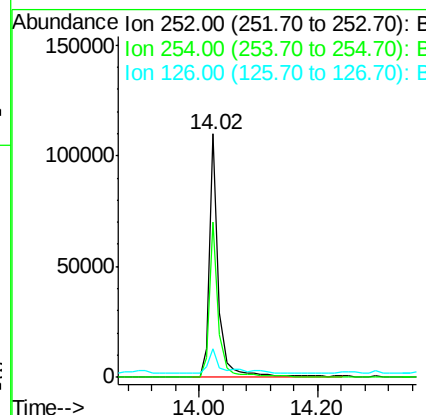
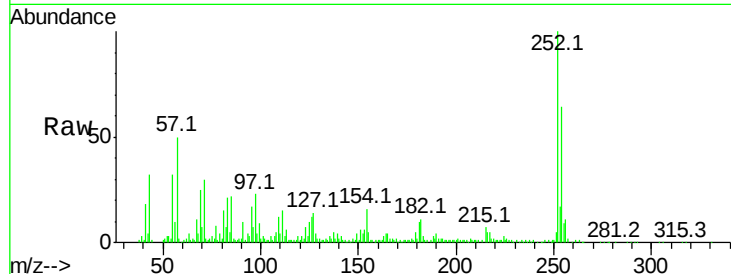
#81
 3,3'-Dichlorobenzidine
 Concen: 26.13 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.06 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.7	76.1
126	12.0	9.0	13.6

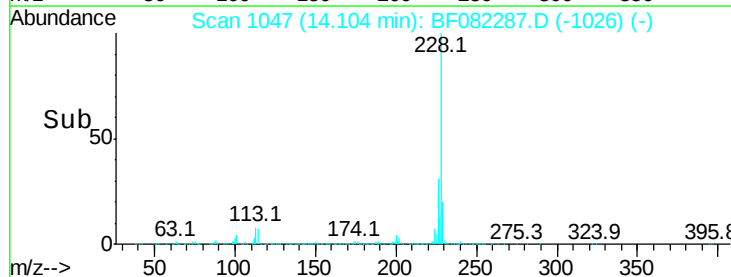
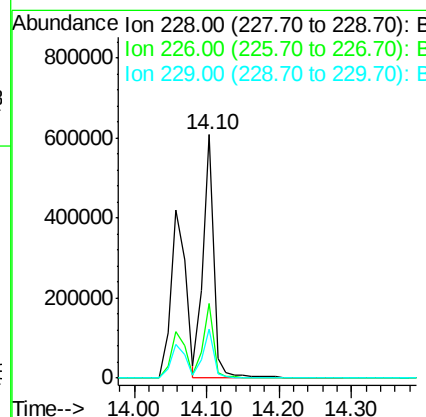
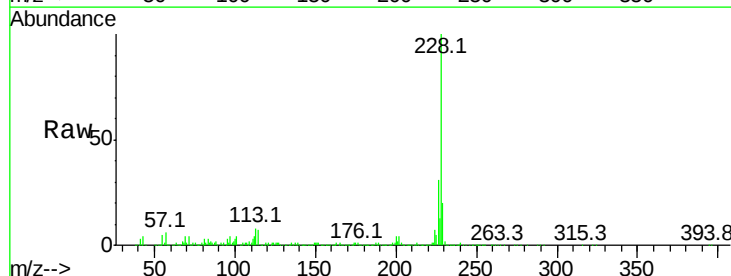
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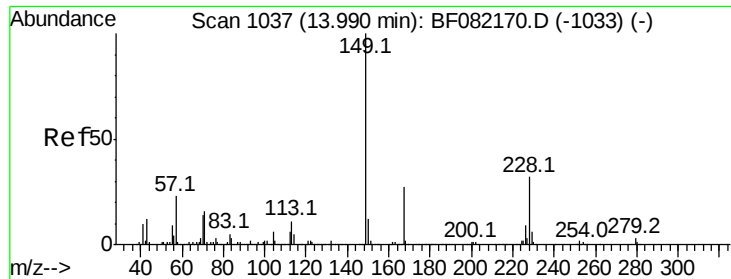
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#82
 Chrysene
 Concen: 48.72 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.06 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	19.9	16.3	24.5





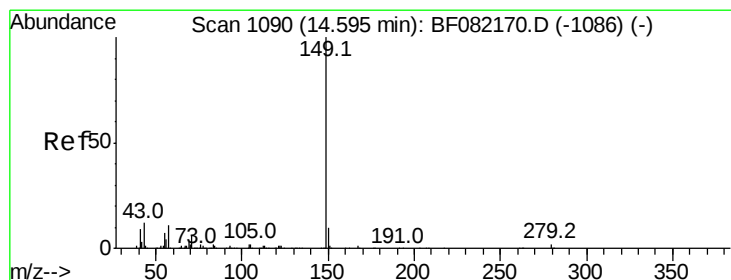
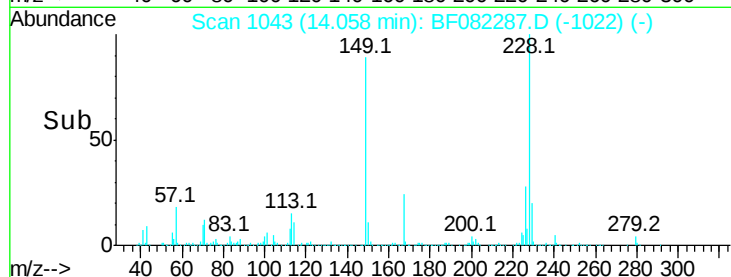
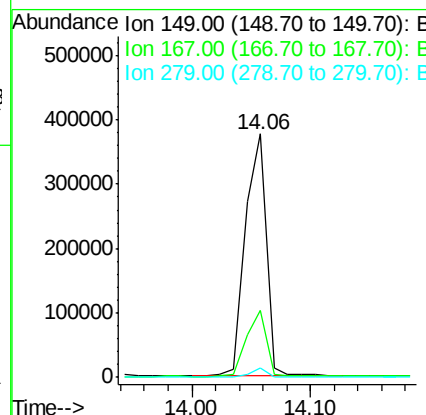
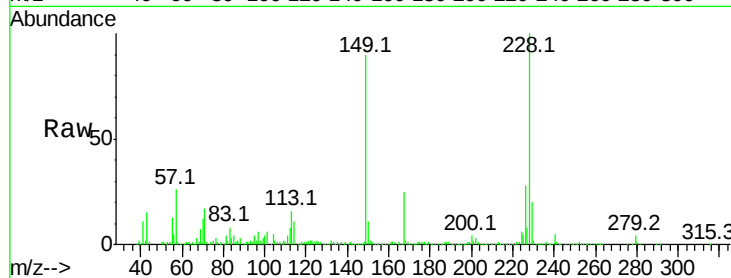
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.32 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.06 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	459921		
167	27.3	21.3	31.9	
279	4.0	2.6	4.0#	

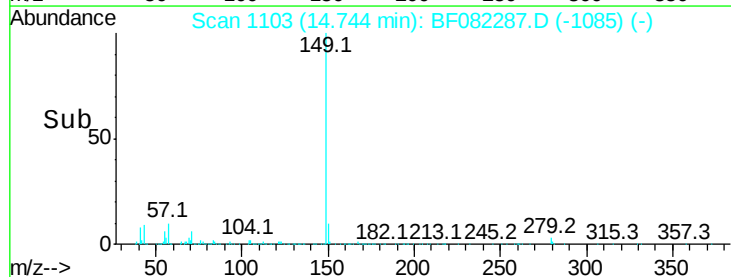
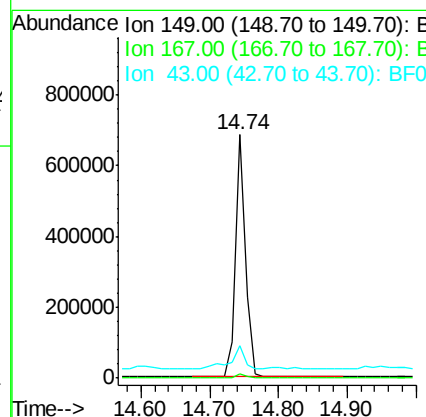
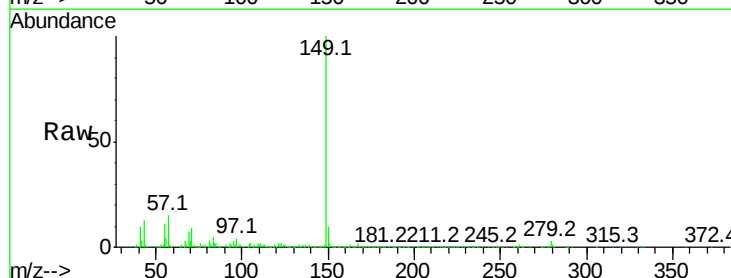
Manual Integrations
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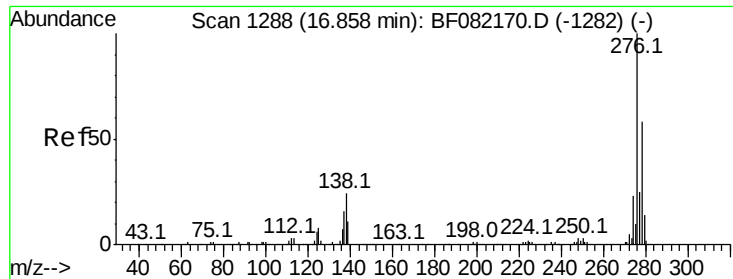
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#84
 Di-n-octyl phthalate
 Concen: 44.90 ng
 RT: 14.74 min Scan# 1103
 Delta R.T. -0.09 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	704754		
167	1.6	1.3	1.9	
43	13.9	7.4	11.2#	





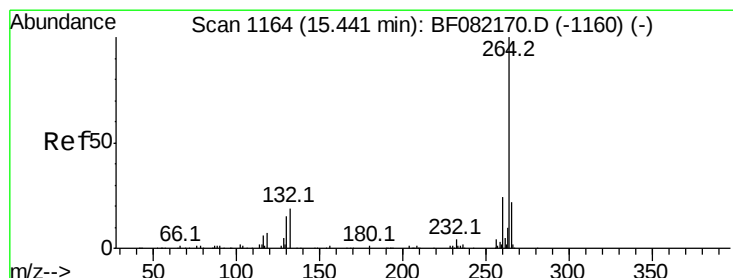
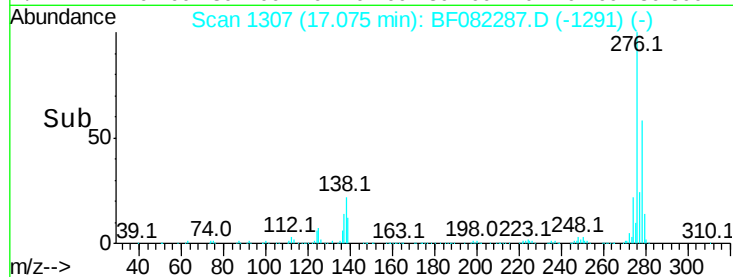
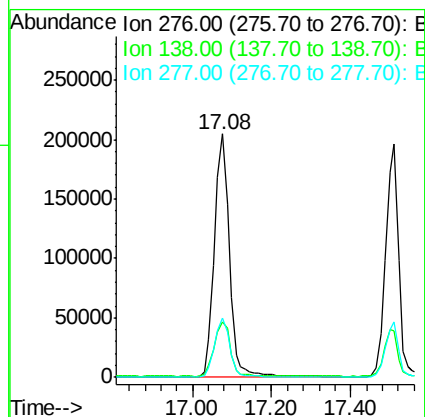
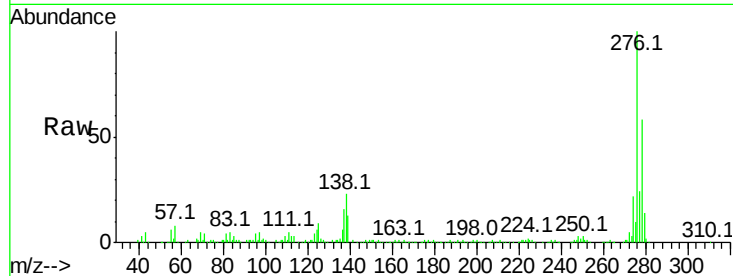
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.35 ng
 RT: 17.08 min Scan# 1307
 Delta R.T. -0.11 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion:	276	Resp:	539658
Ion Ratio	Lower	Upper	
276	100		
138	24.0	19.7	29.5
277	24.9	20.1	30.1

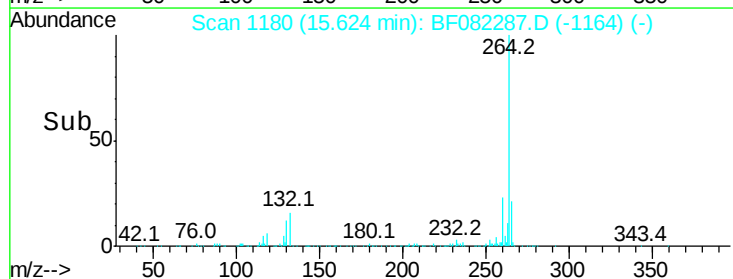
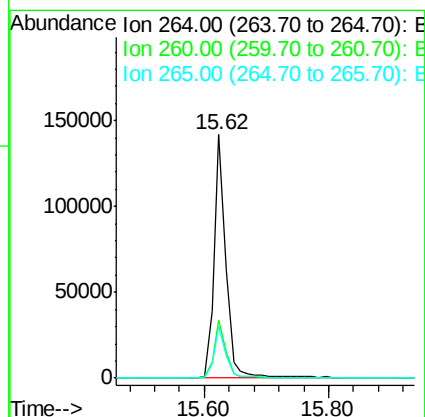
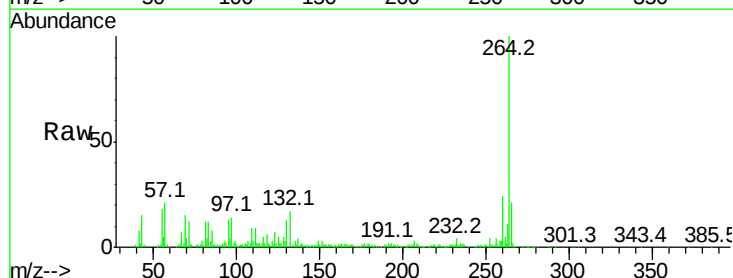
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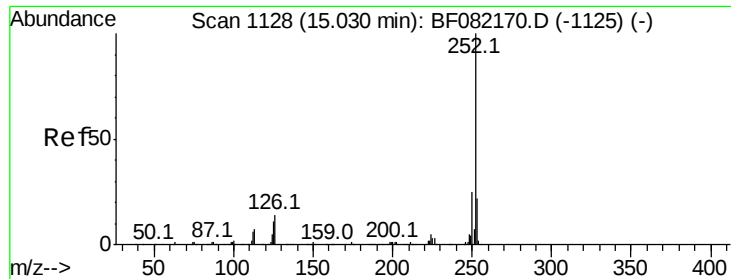
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1180
 Delta R.T. -0.11 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion:	264	Resp:	186393
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.0	28.6
265	21.3	17.3	25.9





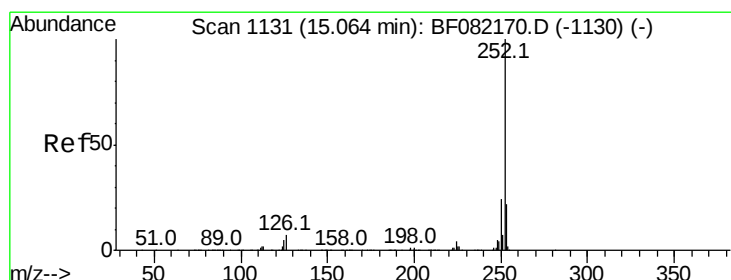
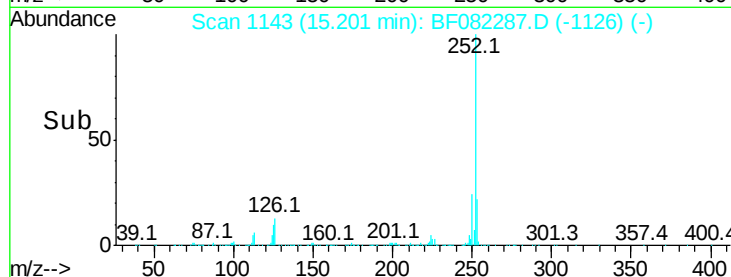
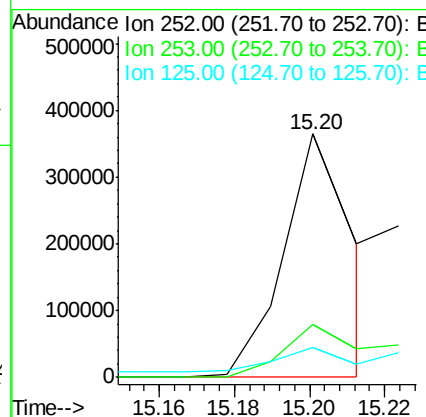
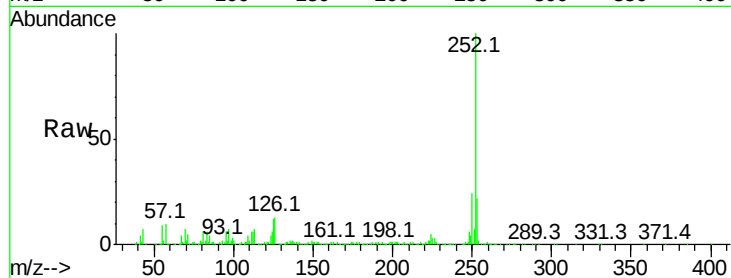
#87
Benzo(b)fluoranthene
Concen: 40.83 ng m
RT: 15.20 min Scan# 1143
Delta R.T. -0.10 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	462990		
253	21.8	18.0	27.0	
125	12.1	8.6	12.8	

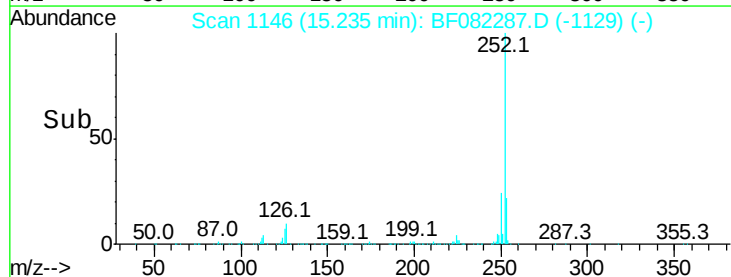
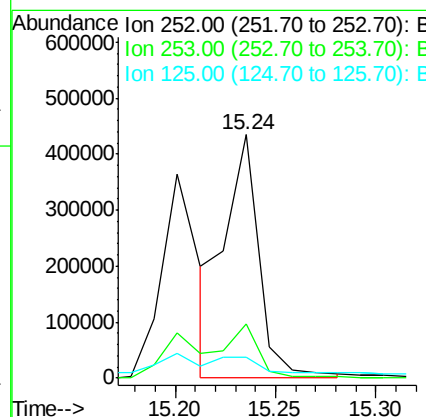
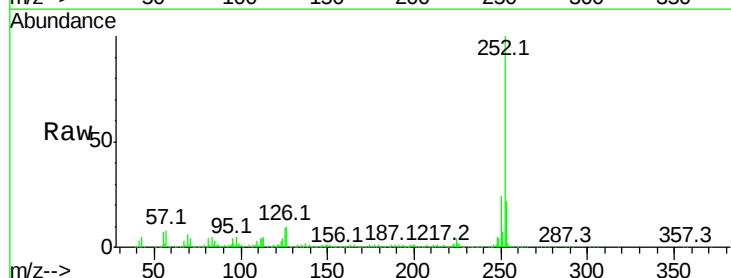
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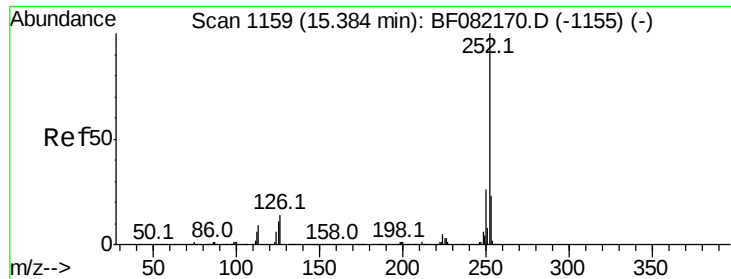
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#88
Benzo(k)fluoranthene
Concen: 53.84 ng m
RT: 15.24 min Scan# 1146
Delta R.T. -0.10 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	513189		
253	22.4	17.8	26.6	
125	8.7	6.7	10.1	





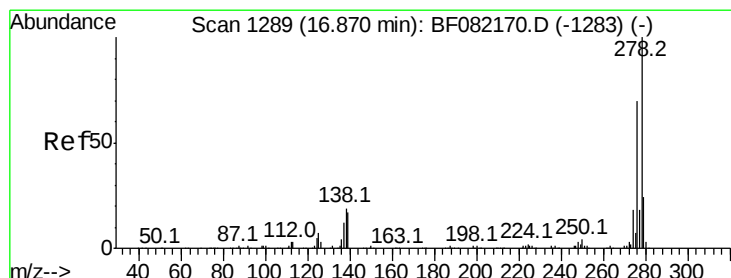
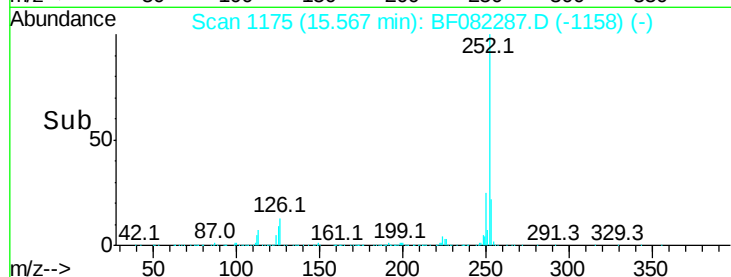
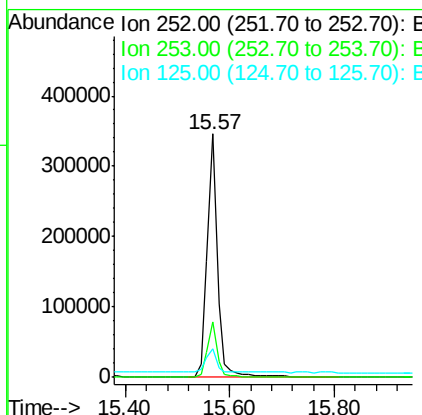
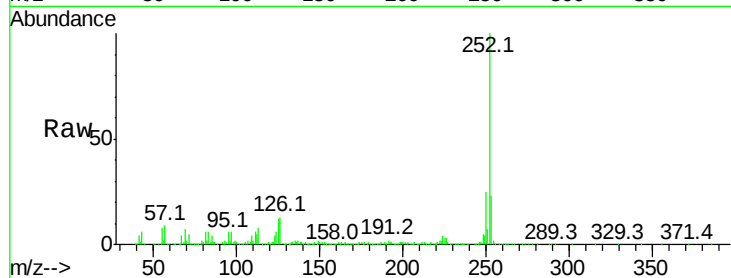
#89
Benzo(a)pyrene
Concen: 47.89 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.10 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.6	8.9	13.3

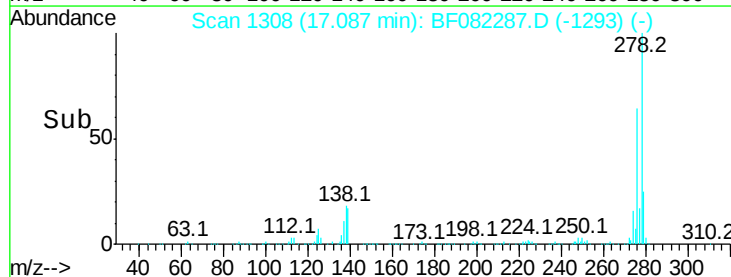
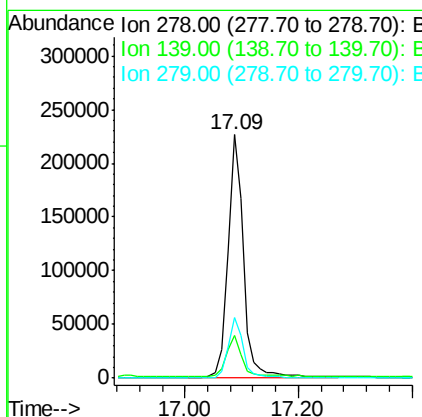
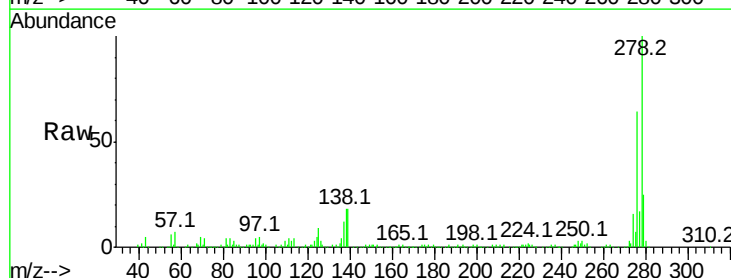
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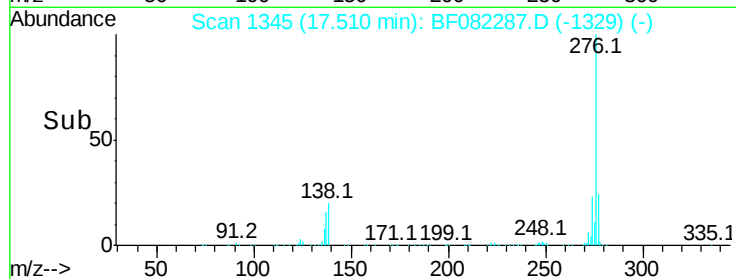
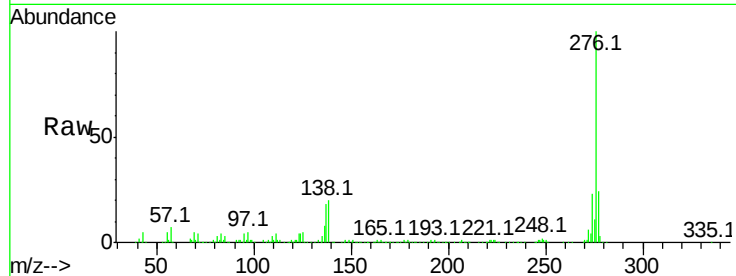
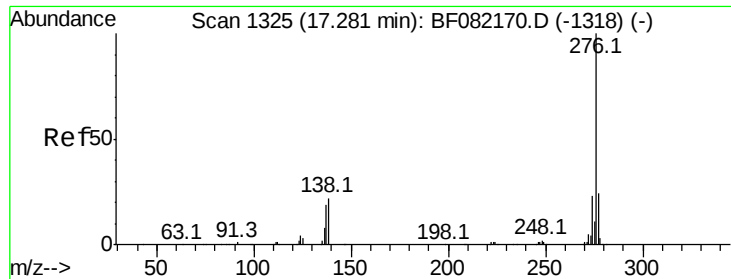
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#90
Dibenzo(a,h)anthracene
Concen: 55.11 ng
RT: 17.09 min Scan# 1308
Delta R.T. -0.13 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.3	19.9
279	25.1	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 58.21 ng

RT: 17.51 min Scan# 1345

Delta R.T. -0.11 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tot Ion:	276	Resp:	451639
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	20.1	17.4	26.2

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

Manual Integrations
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