

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082811.D
 Acq On : 7 Nov 2015 15:29
 Operator : UM/IZ
 Sample : G4246-02MSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Manual Integrations
 APPROVED

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 11/9/2015 2:08:34 PM

Quant Time: Nov 09 01:20:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	167242	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	652301	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	406882	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	660994	20.00	ng	0.00
75) Chrysene-d12	14.02	240	421281	20.00	ng	0.00
86) Perylene-d12	15.45	264	423460	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	932663	86.77	ng	0.02
7) Phenol-d6	6.50	99	1459037	102.11	ng	0.02
23) Nitrobenzene-d5	7.41	82	765796	51.08	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	290407	62.25	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1377983	48.54	ng	0.00
78) Terphenyl-d14	12.97	244	947687	53.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	195431	42.14	ng	95
3) Pyridine	3.21	79	468105	34.78	ng	96
4) n-Nitrosodimethylamine	3.14	42	232477	34.83	ng	# 80
6) Aniline	6.51	93	490835	24.46	ng	# 1
8) 2-Chlorophenol	6.65	128	367187	30.82	ng	96
9) Benzaldehyde	6.40	77	122543	15.52	ng	82
10) Phenol	6.51	94	611441	37.71	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	435652	35.93	ng	86
12) 1,3-Dichlorobenzene	6.80	146	387015	28.80	ng	# 88
13) 1,4-Dichlorobenzene	6.88	146	373074m	26.68	ng	
14) 1,2-Dichlorobenzene	7.02	146	358477	28.19	ng	96
15) Benzyl Alcohol	7.00	79	380868	30.35	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	528937	29.74	ng	96
17) 2-Methylphenol	7.12	107	279348	27.68	ng	97
18) Hexachloroethane	7.37	117	116505	23.30	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	286888	27.31	ng	# 80
20) 3+4-Methylphenols	7.28	107	395998	30.18	ng	# 63
22) Acetophenone	7.26	105	510600	27.32	ng	# 95
24) Nitrobenzene	7.44	77	442777	28.88	ng	93
25) Isophorone	7.68	82	706846	25.48	ng	98
26) 2-Nitrophenol	7.76	139	181240	28.32	ng	# 71
27) 2,4-Dimethylphenol	7.80	122	326158	28.37	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	459194	29.35	ng	98
29) 2,4-Dichlorophenol	8.01	162	282977	27.23	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	314446	26.91	ng	# 93
31) Naphthalene	8.17	128	1017649	28.28	ng	98
32) Benzoic acid	7.89	122	82193	10.44	ng	95
33) 4-Chloroaniline	8.21	127	274058	17.67	ng	# 86
34) Hexachlorobutadiene	8.29	225	199135	27.23	ng	97
35) Caprolactam	8.57	113	101633	31.02	ng	88
36) 4-Chloro-3-methylphenol	8.70	107	392100	32.09	ng	# 78
37) 2-Methylnaphthalene	8.85	142	708399	30.43	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	356996	26.70	ng	97
40) Hexachlorocyclopentadiene	9.01	237	85515	11.90	ng	99

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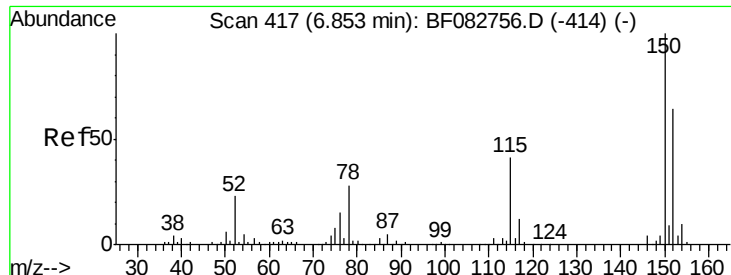
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	233136	23.36	nq	100
43) 2,4,5-Trichlorophenol	9.17	196	206970	20.97	nq	97
45) 1,1'-Biphenyl	9.32	154	1104987	31.65	nq	98
46) 2-Chloronaphthalene	9.34	162	849643	31.20	nq	98
47) 2-Nitroaniline	9.44	65	338197	33.48	nq	# 71
48) Acenaphthylene	9.76	152	1301702	30.50	nq	99
49) Dimethylphthalate	9.62	163	1320999	39.63	nq	99
50) 2,6-Dinitrotoluene	9.68	165	205126	28.84	nq	96
51) Acenaphthene	9.93	154	733497	27.12	nq	99
52) 3-Nitroaniline	9.85	138	200443	25.62	nq	# 60
53) 2,4-Dinitrophenol	9.95	184	26380	6.75	nq	# 4
54) Dibenzofuran	10.10	168	1080492	29.63	nq	92
55) 4-Nitrophenol	10.01	139	304258	50.70	nq	# 78
56) 2,4-Dinitrotoluene	10.08	165	256402	26.57	nq	# 96
57) Fluorene	10.44	166	816168	27.63	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	221717	27.52	nq	# 85
59) Diethylphthalate	10.32	149	893286	27.44	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	387390	26.21	nq	90
61) 4-Nitroaniline	10.45	138	202552	25.75	nq	# 76
62) Azobenzene	10.59	77	970825	27.77	nq	89
64) 4,6-Dinitro-2-methylphenol	10.49	198	33055	7.02	nq	85
65) n-Nitrosodiphenylamine	10.56	169	760710	31.86	nq	98
66) 4-Bromophenyl-phenylether	10.92	248	228100	28.66	nq	# 76
67) Hexachlorobenzene	10.99	284	236831	26.65	nq	# 85
68) Atrazine	11.08	200	218703	29.62	nq	97
69) Pentachlorophenol	11.18	266	247045	45.78	nq	99
70) Phenanthrene	11.40	178	1141527	29.74	nq	98
71) Anthracene	11.45	178	1051152	26.00	nq	98
72) Carbazole	11.61	167	1003814	28.36	nq	97
73) Di-n-butylphthalate	11.95	149	1208784	27.41	nq	# 96
74) Fluoranthene	12.59	202	1056713	25.65	nq	98
76) Benzidine	12.71	184	545023	38.60	nq	99
77) Pyrene	12.82	202	1039117	35.92	nq	97
79) Butylbenzylphthalate	13.44	149	368597	28.84	nq	94
80) Benzo(a)anthracene	14.01	228	778035	29.53	nq	97
81) 3,3'-Dichlorobenzidine	13.96	252	252919	27.00	nq	99
82) Chrysene	14.04	228	787631	32.64	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	528768	30.23	nq	99
84) Di-n-octyl phthalate	14.63	149	955358	32.74	nq	# 96
85) Indeno(1,2,3-cd)pyrene	16.84	276	827146	39.80	nq	# 94
87) Benzo(b)fluoranthene	15.04	252	715912m	26.34	nq	
88) Benzo(k)fluoranthene	15.07	252	718965m	29.82	nq	
89) Benzo(a)pyrene	15.39	252	682590	28.99	nq	99
90) Dibenzo(a,h)anthracene	16.85	278	705687	35.39	nq	# 94
91) Benzo(g,h,i)perylene	17.27	276	669214	35.04	nq	97

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



#1

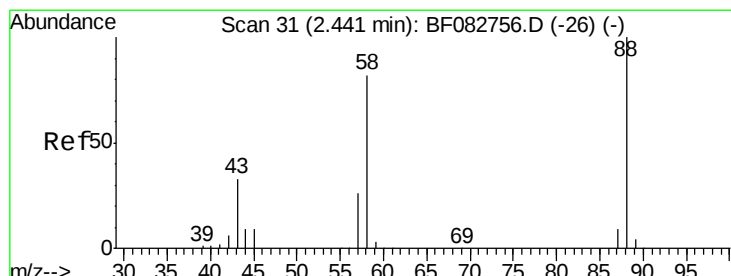
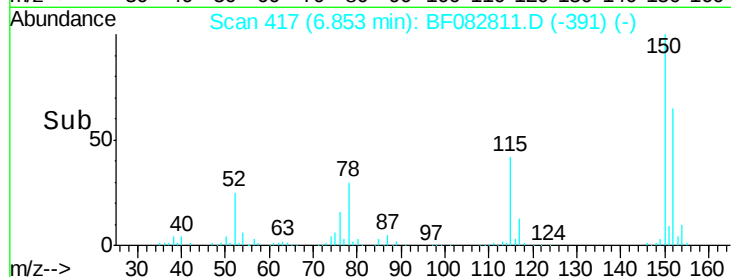
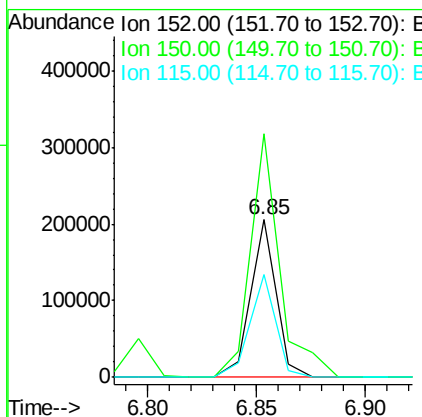
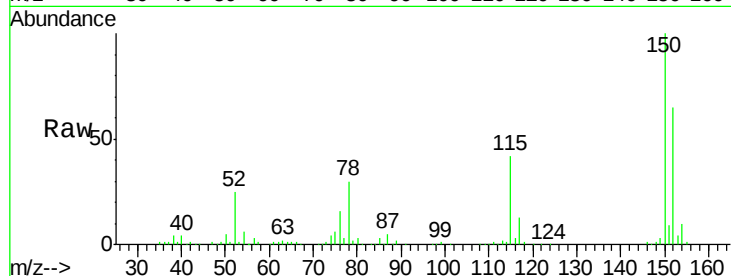
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.0	190.4
115	65.5	47.0	70.6

Manual Integrations
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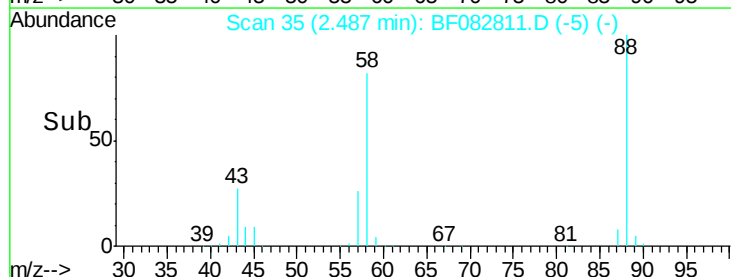
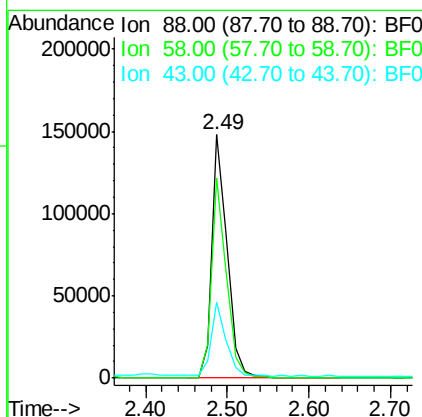
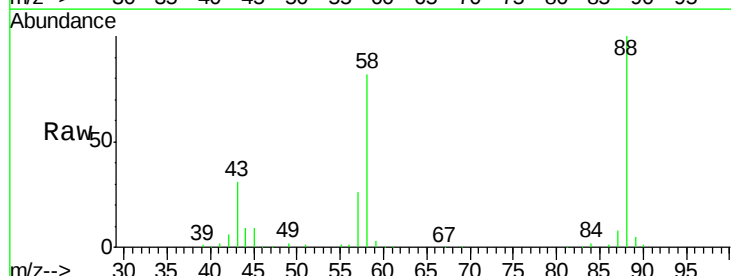
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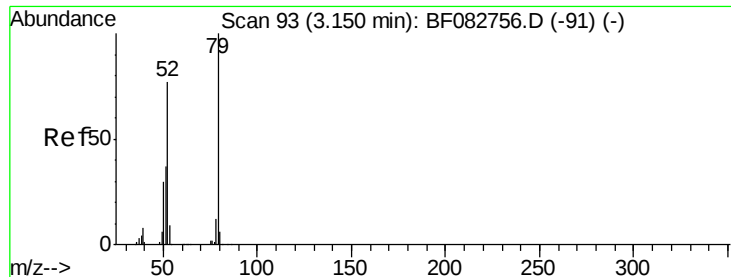


#2

1,4-Dioxane
Concen: 42.14 ng
RT: 2.49 min Scan# 35
Delta R.T. 0.05 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	62.0	93.0
43	30.2	26.6	40.0





#3

Pvridine

Concen: 34.78 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.05 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

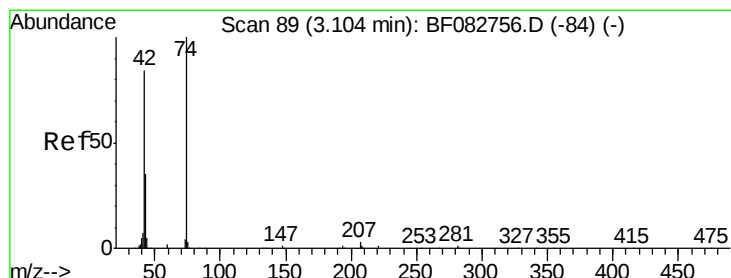
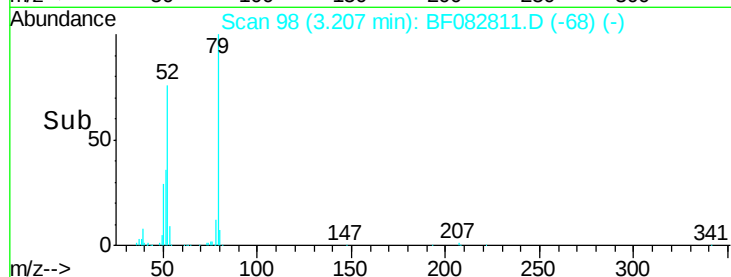
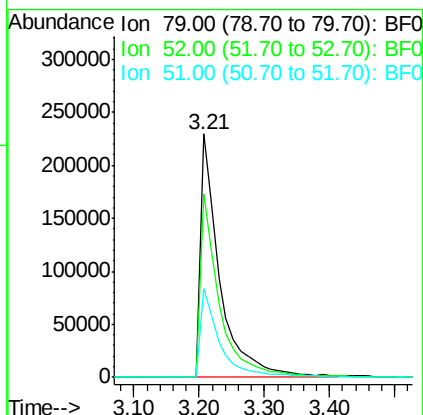
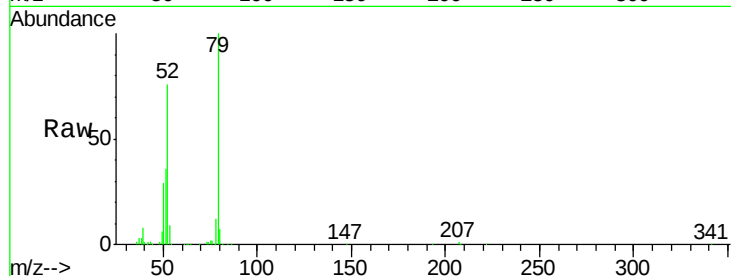
ClientSampleId :

T-14CMSD

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Tot Ion	Ratio	Lower	Upper
79	100		
52	75.5	62.8	94.2
51	36.3	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 34.83 ng

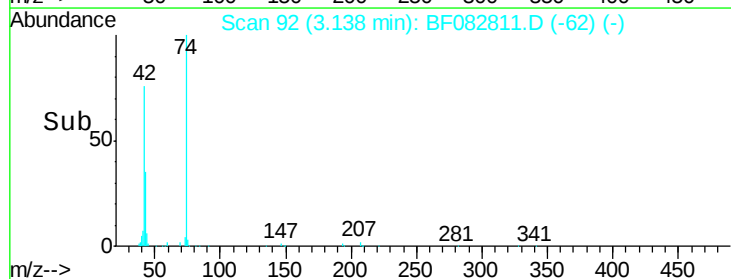
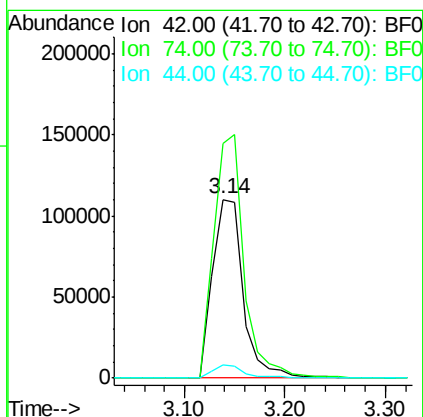
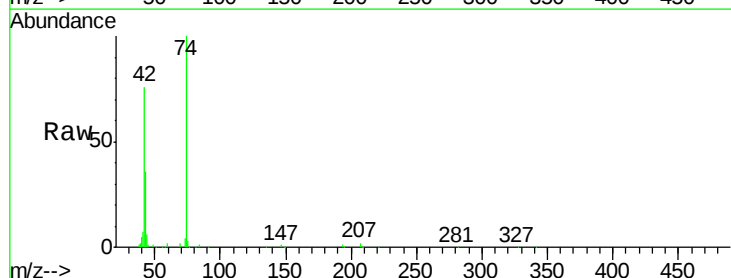
RT: 3.14 min Scan# 92

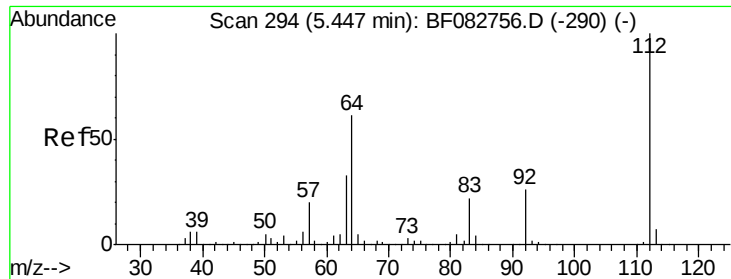
Delta R.T. 0.05 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.4	87.0	130.4#
44	7.7	5.8	8.8





#5

2-Fluorophenol

Concen: 86.77 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

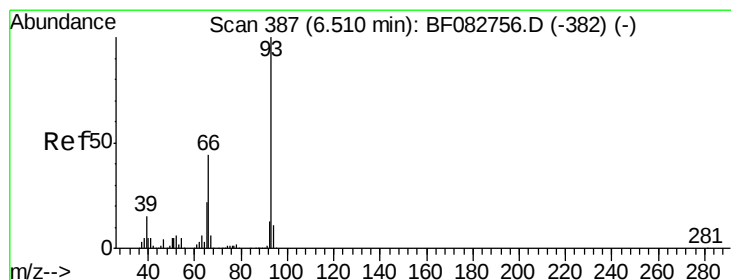
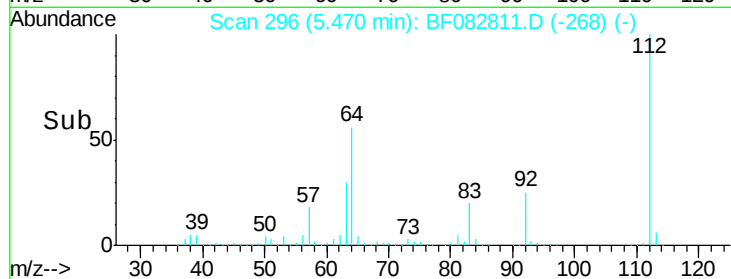
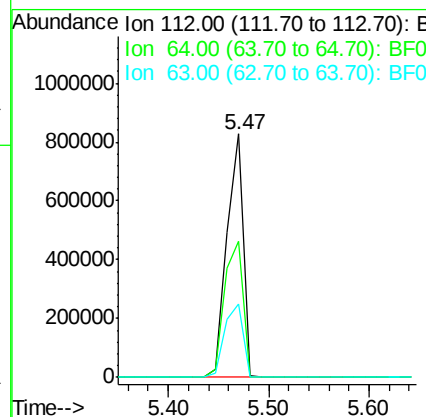
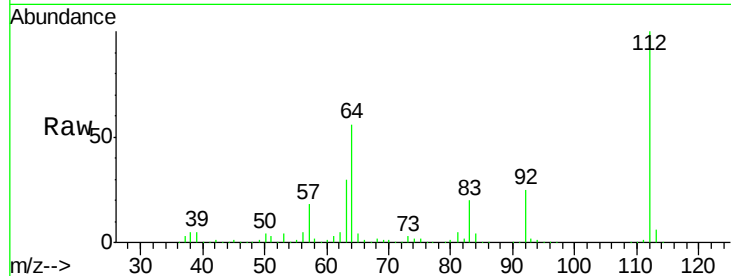
ClientSampleId :

T-14CMSD

Tot Ion:	112	Resp:	932663
Ion Ratio	Lower	Upper	
112	100		
64	55.9	48.9	73.3
63	29.9	28.1	42.1

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#6

Aniline

Concen: 24.46 ng

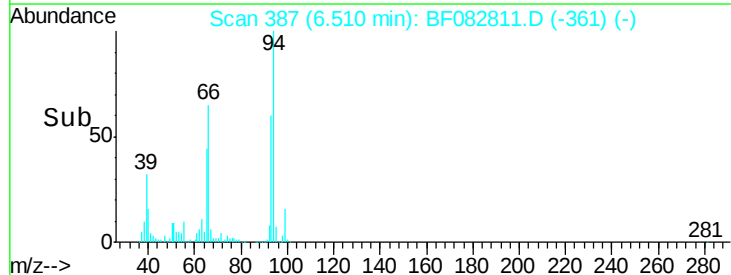
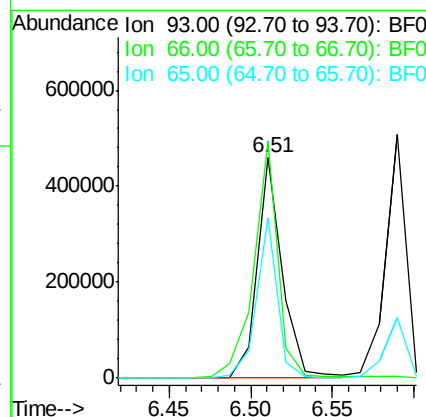
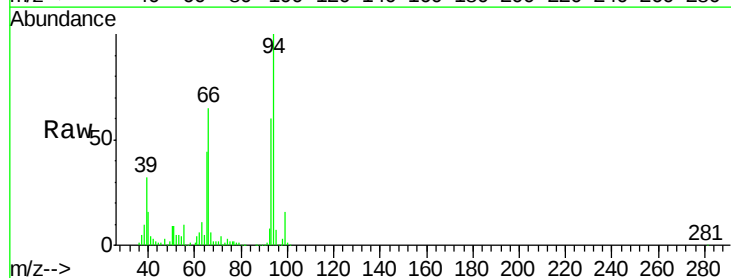
RT: 6.51 min Scan# 387

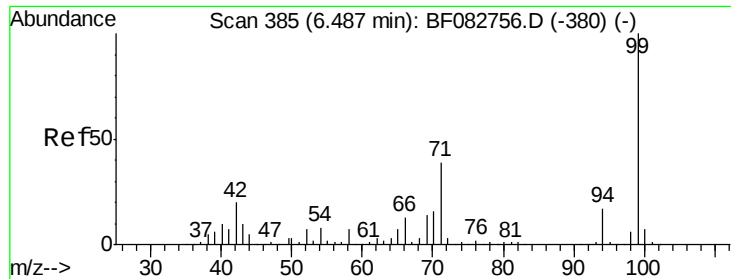
Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	93	Resp:	490835
Ion Ratio	Lower	Upper	
93	100		
66	107.9	33.6	50.4#
65	73.0	18.1	27.1#





#7

Phenol-d6

Concen: 102.11 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

Tot Ion: 99 Resp: 1459037

Ion Ratio Lower Upper

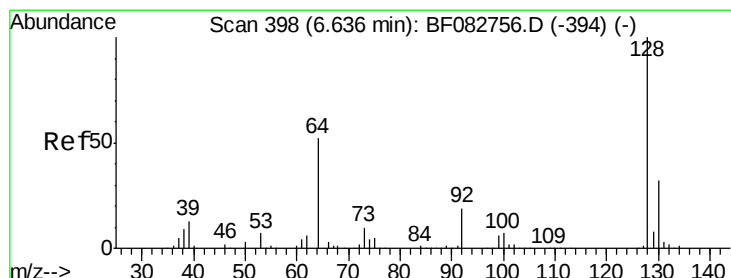
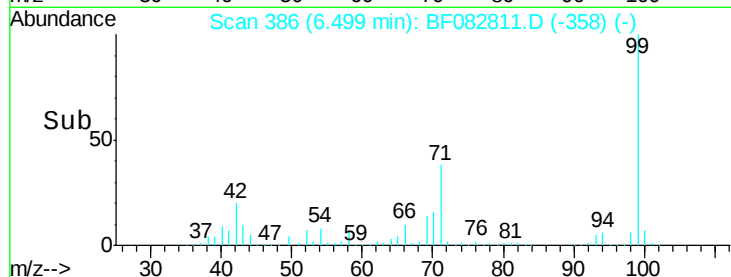
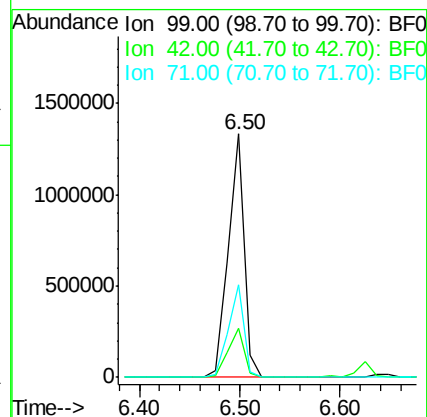
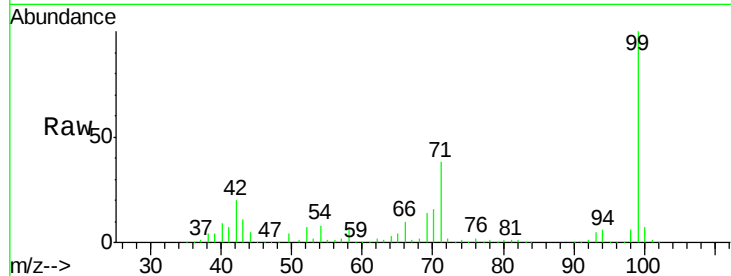
99 100

42 20.2 19.2 28.8

71 38.0 35.0 52.4

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#8

2-Chlorophenol

Concen: 30.82 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

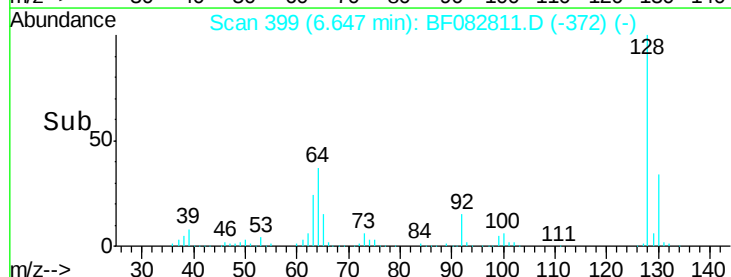
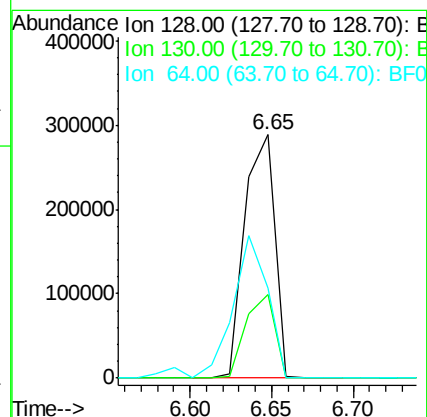
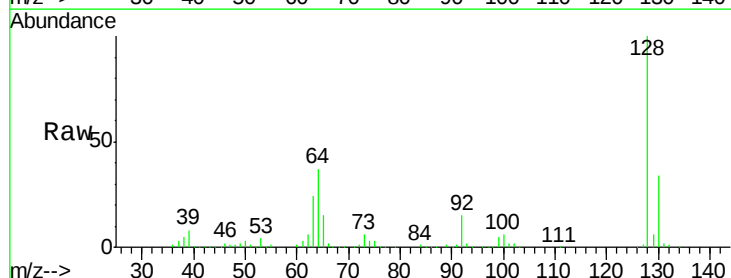
Tgt Ion: 128 Resp: 367187

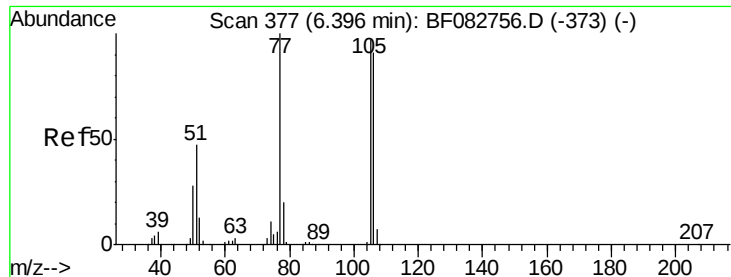
Ion Ratio Lower Upper

128 100

130 34.1 13.5 53.5

64 37.2 21.1 61.1





#9

Benzaldehyde

Concen: 15.52 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

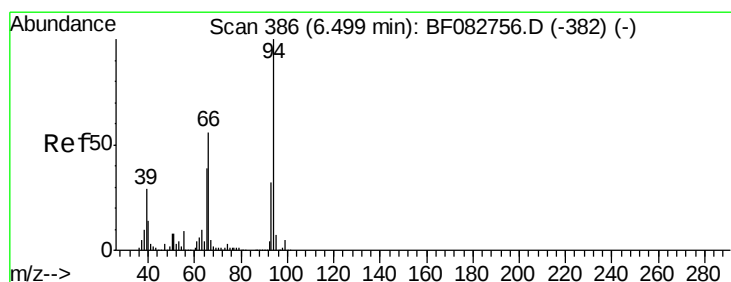
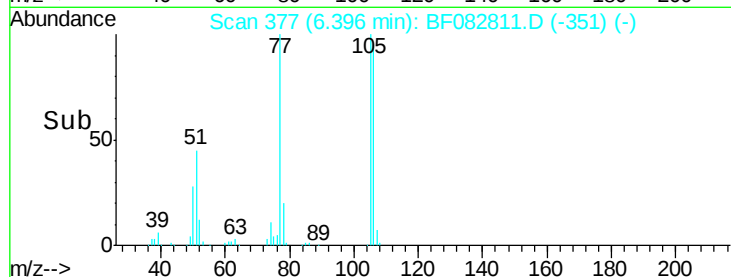
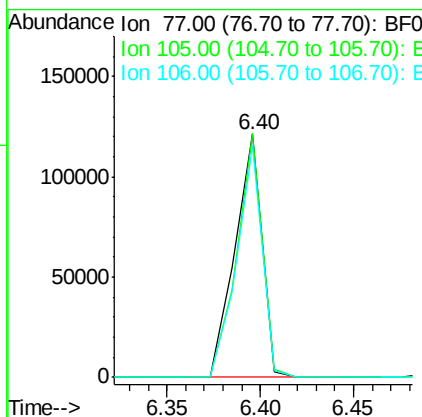
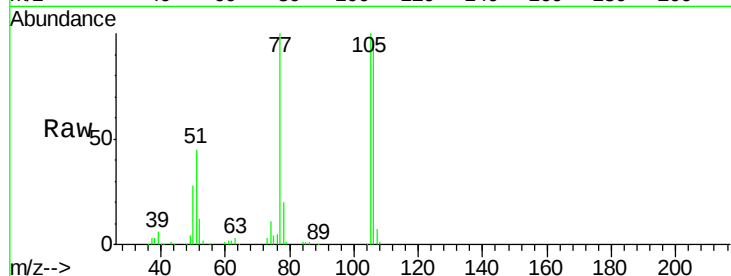
ClientSampleId :

T-14CMSD

Tot Ion:	77	Resp:	122543
Ion	Ratio	Lower	Upper
77	100		
105	100.1	63.5	103.5
106	95.4	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 37.71 ng

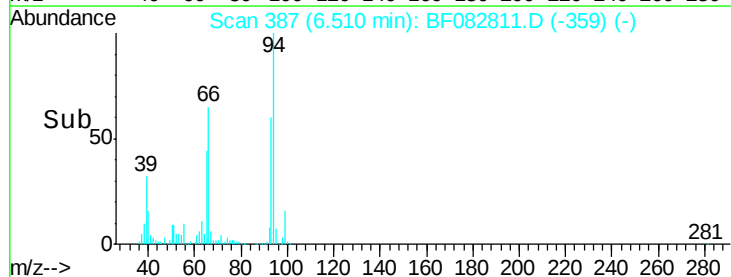
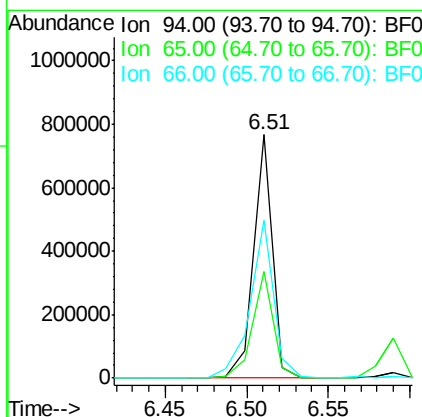
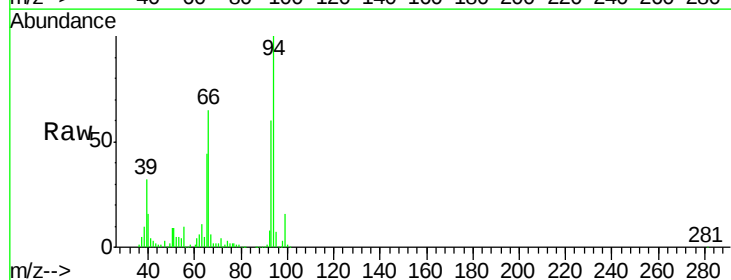
RT: 6.51 min Scan# 387

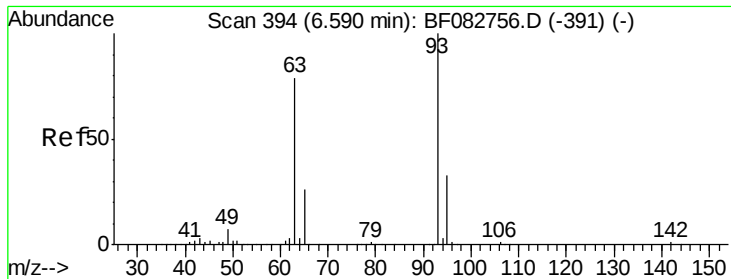
Delta R.T. 0.02 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	94	Resp:	611441
Ion	Ratio	Lower	Upper
94	100		
65	43.7	18.9	58.9
66	64.6	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 35.93 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

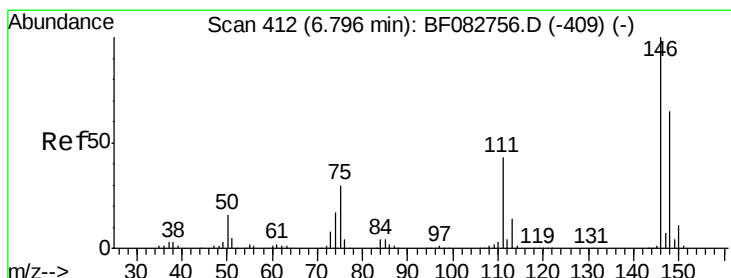
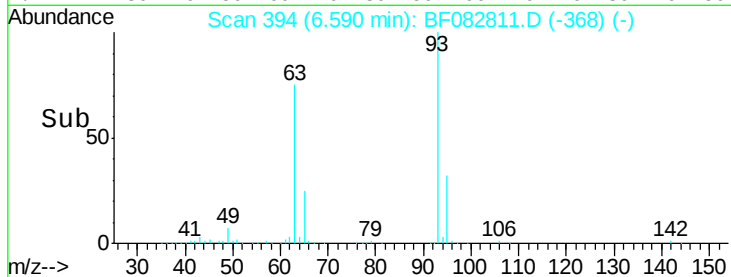
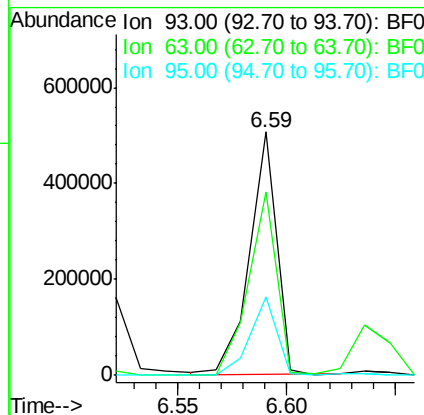
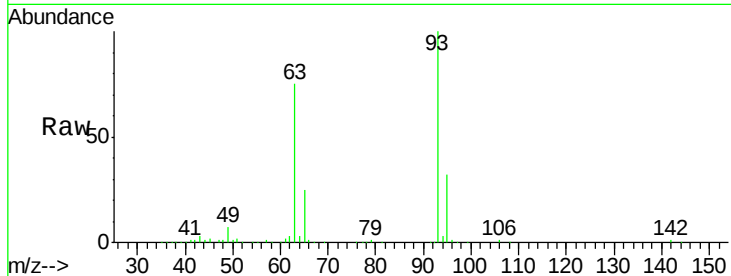
ClientSampleId :

T-14CMSD

Tot Ion:	93	Resp:	435652
Ion	Ratio	Lower	Upper
93	100		
63	75.4	72.7	112.7
95	32.4	12.0	52.0

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#12

1,3-Dichlorobenzene

Concen: 28.80 ng

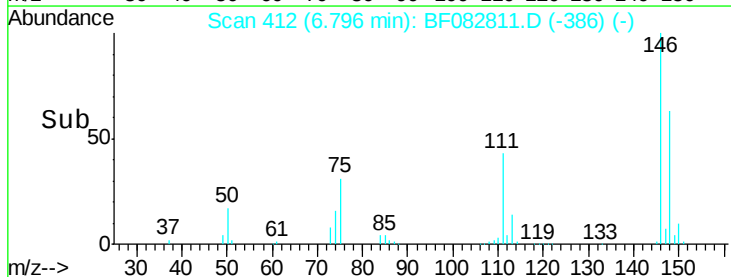
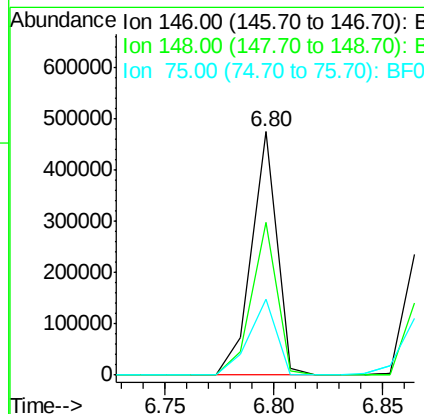
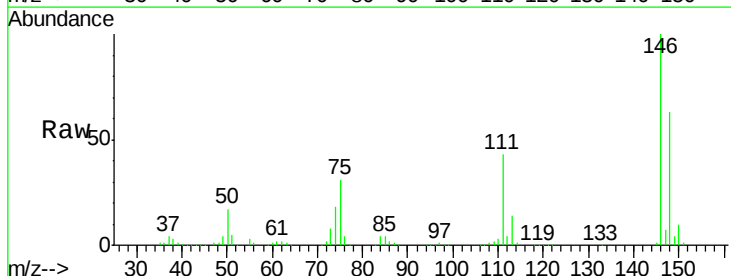
RT: 6.80 min Scan# 412

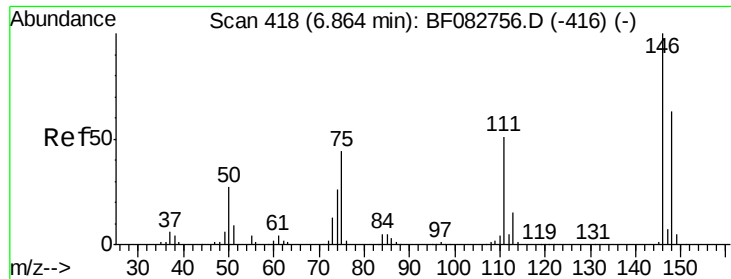
Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	146	Resp:	387015
Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.5	75.7
75	31.2	39.5	59.3#





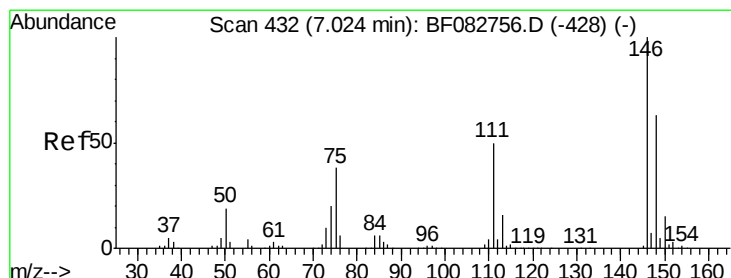
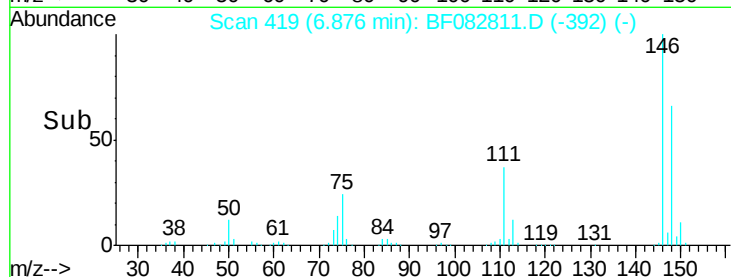
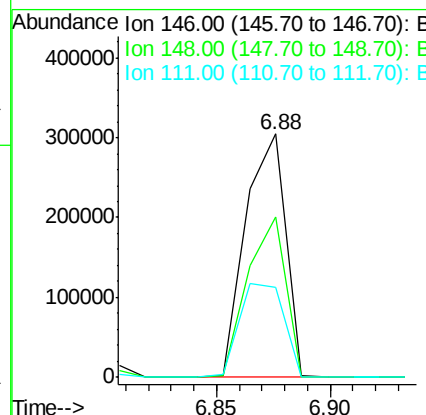
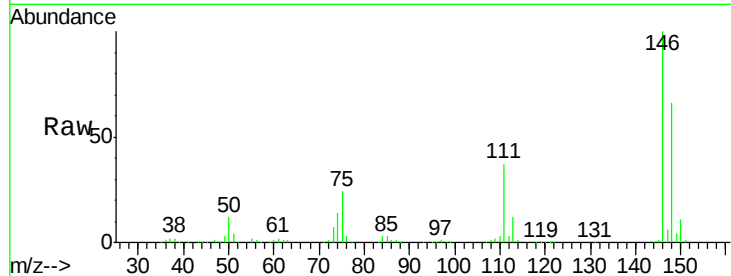
#13
1,4-Dichlorobenzene
Concen: 26.68 ng/mL
RT: 6.88 min Scan# 419
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.8	76.2
111	37.1	40.6	60.8

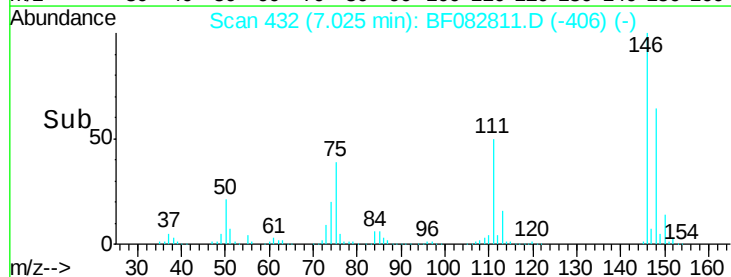
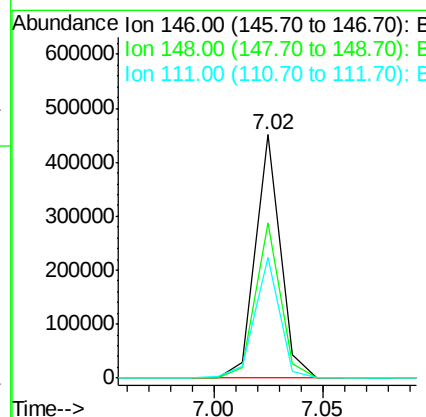
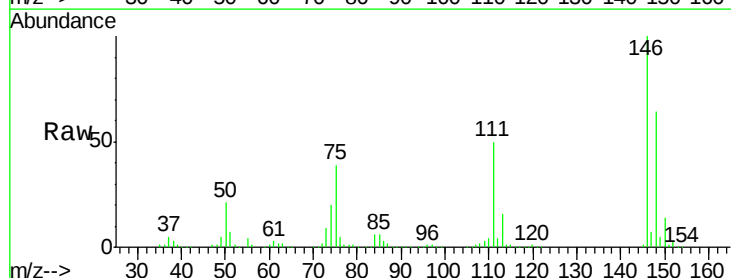
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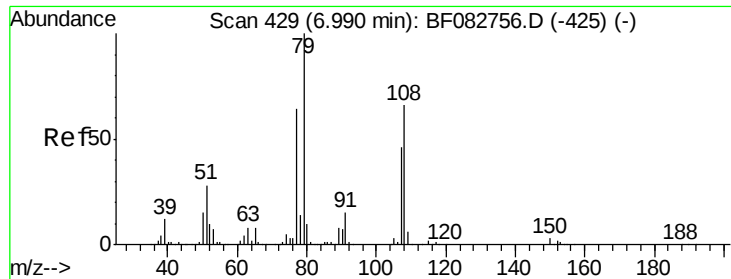
Mmdadoda
11/9/2015 2:08:34 PM



#14
1,2-Dichlorobenzene
Concen: 28.19 ng/mL
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.4
111	49.7	36.6	55.0





#15

Benzyl Alcohol

Concen: 30.35 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

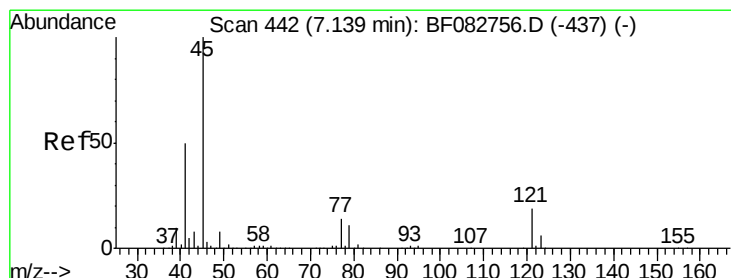
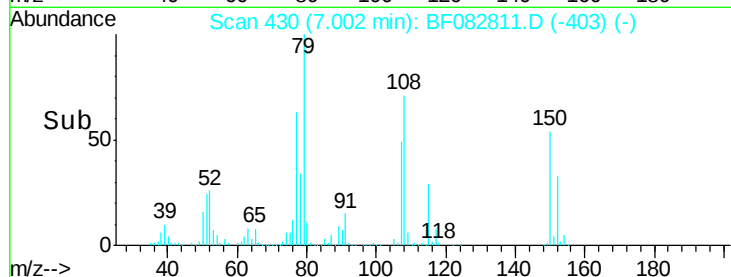
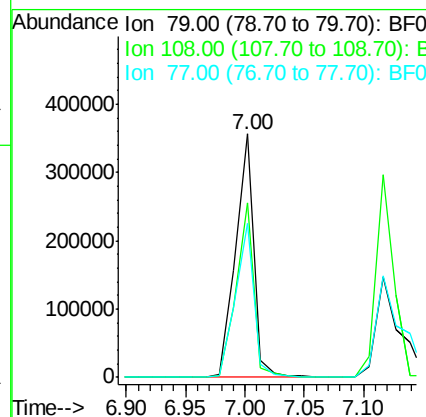
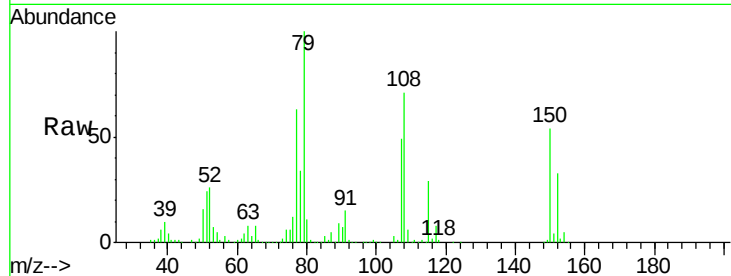
ClientSampled :

T-14CMSD

Tot Ion:	79	Resp:	380868
Ion Ratio	Lower	Upper	
79	100		
108	71.5	52.2	78.4
77	63.3	52.7	79.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.74 ng

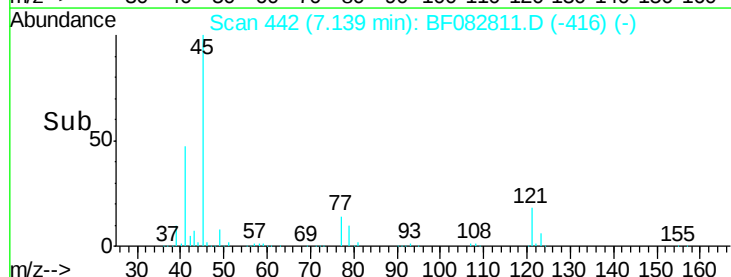
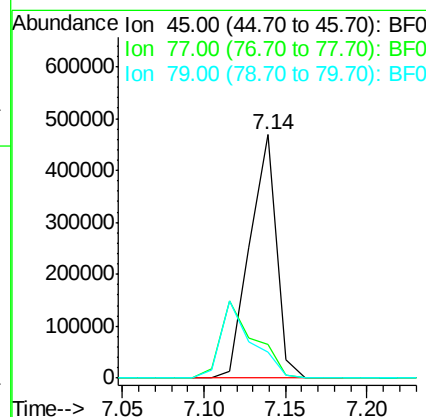
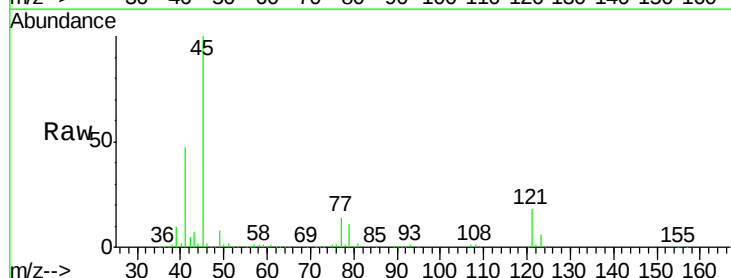
RT: 7.14 min Scan# 442

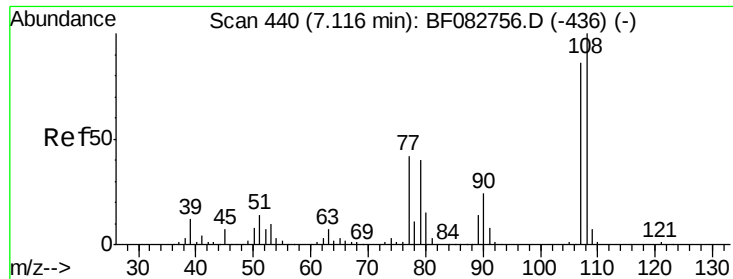
Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	45	Resp:	528937
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	32.6
79	10.8	0.0	29.2





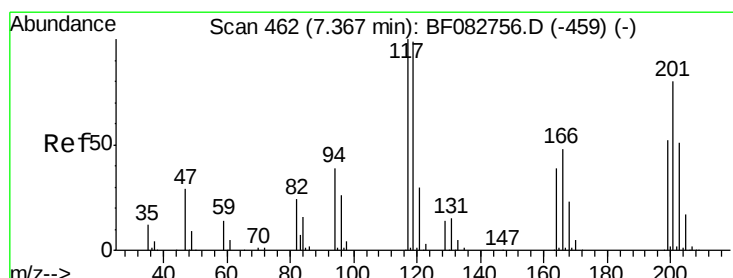
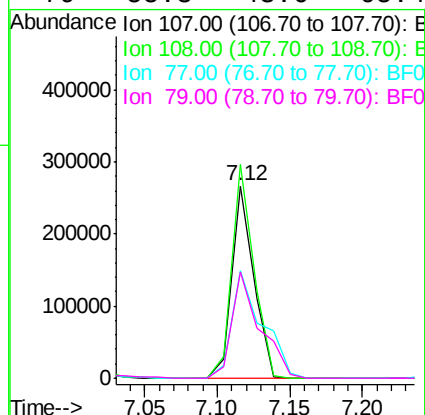
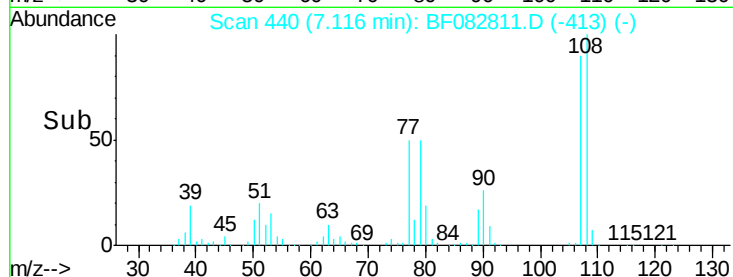
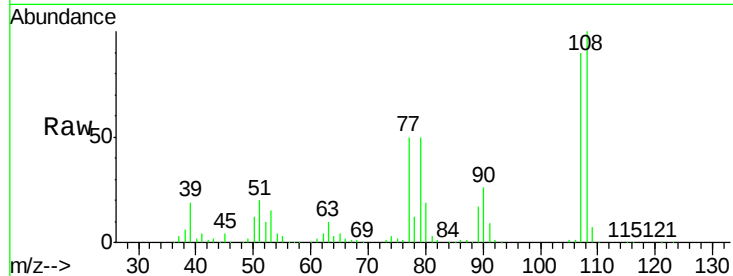
#17
2-Methylphenol
Concen: 27.68 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	279348		
108	108	110.9	93.0	139.4	
77	77	55.8	44.1	66.1	
79	79	55.3	43.6	65.4	

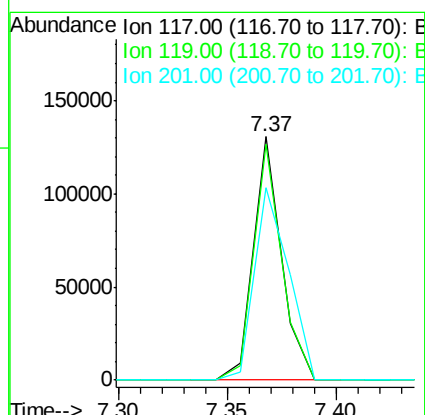
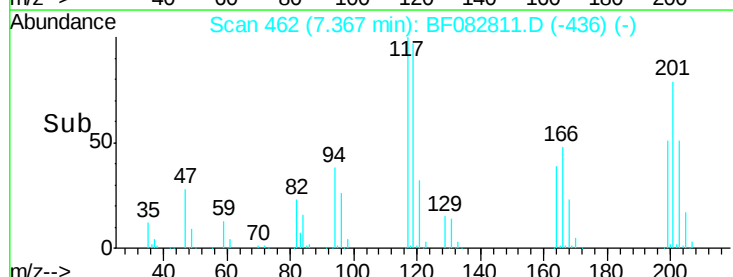
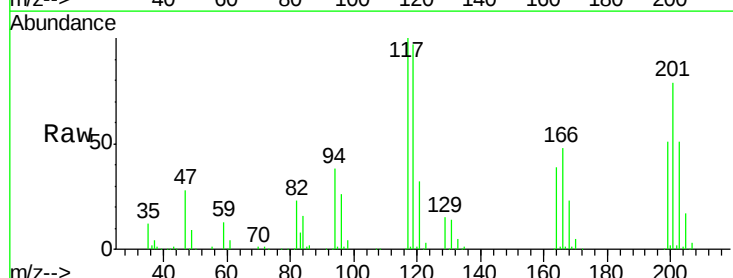
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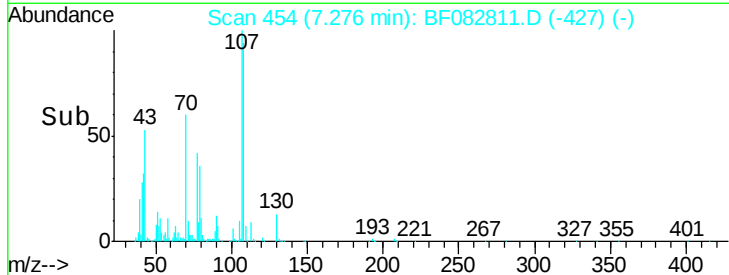
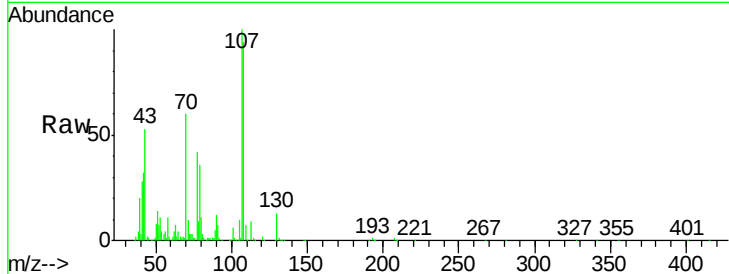
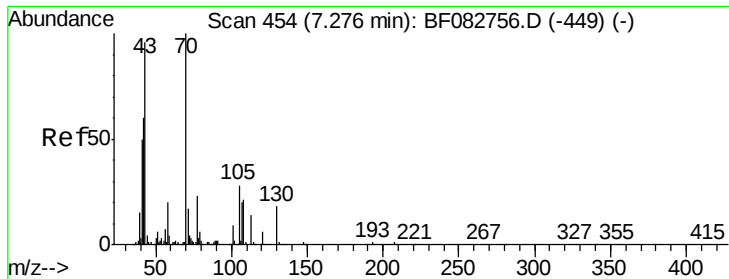
Mmdadoda
11/9/2015 2:08:34 PM



#18
Hexachloroethane
Concen: 23.30 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	116505		
119	119	97.0	77.7	116.5	
201	201	79.0	66.7	100.1	





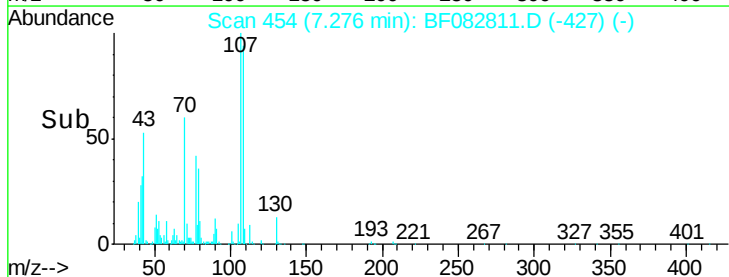
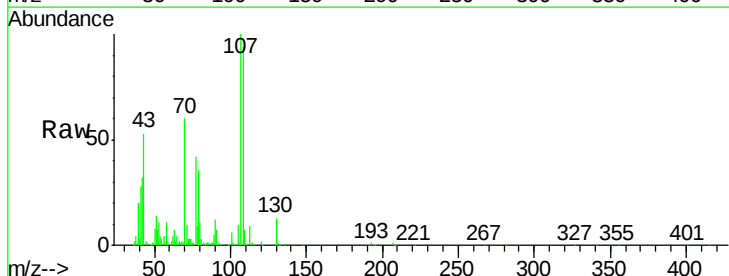
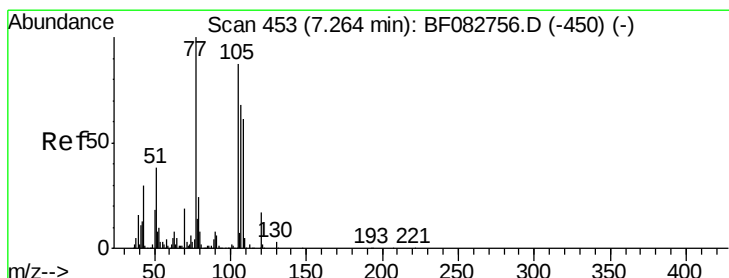
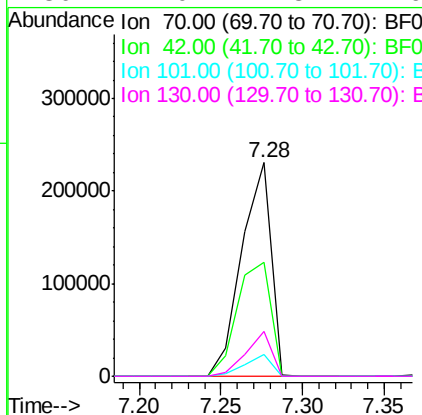
#19
n-Nitroso-di-n-propylamine
Concen: 27.31 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		286888		
42	53.2	57.7	86.5#		
101	10.0	7.0	10.6		
130	21.0	11.8	17.6#		

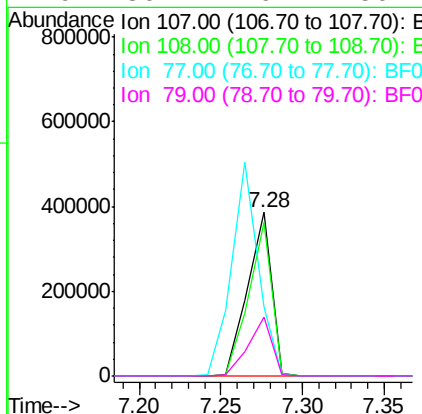
Manual Integrations
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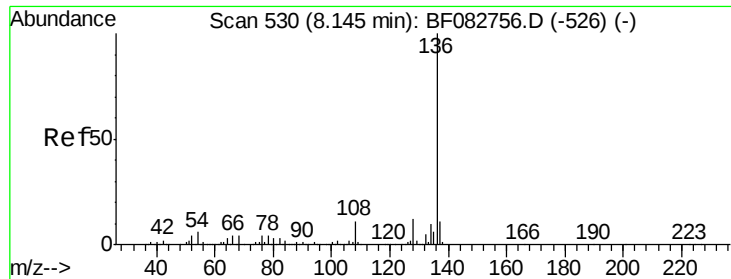
Mmdadoda
11/9/2015 2:08:34 PM



#20
3+4-Methylphenols
Concen: 30.18 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		395998		
108	94.3	67.3	107.3		
77	42.3	100.3	140.3#		
79	36.1	16.2	56.2		





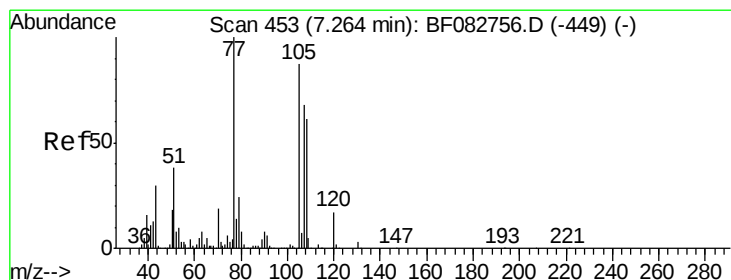
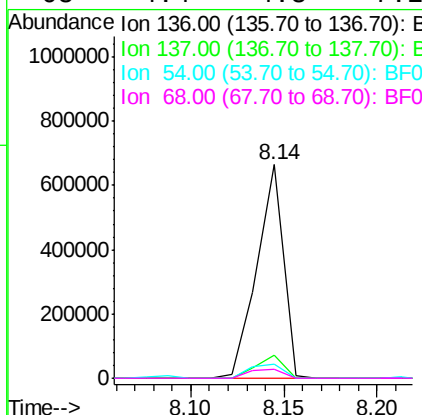
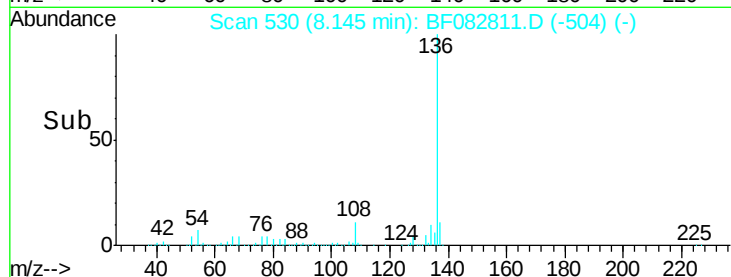
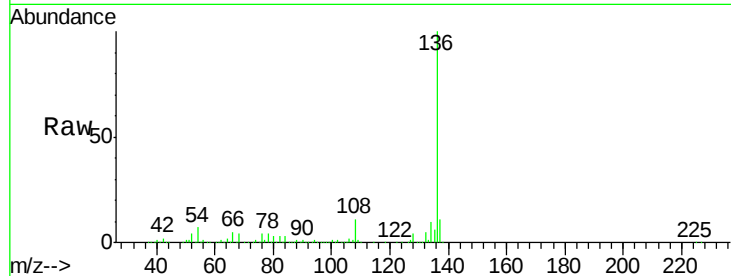
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		652301		
137	10.7		9.1	13.7	
54	6.5		9.1	13.7	
68	4.4		4.8	7.2	

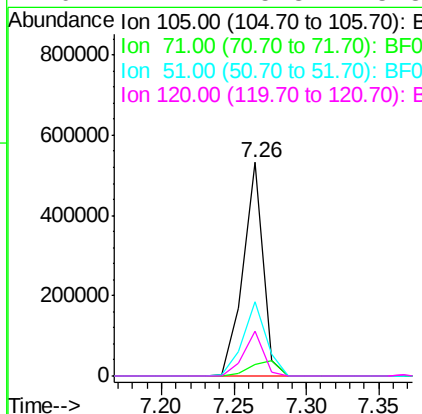
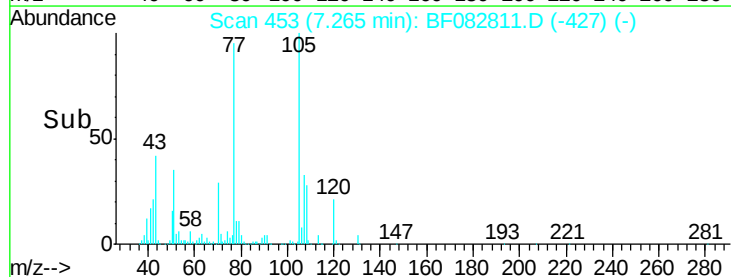
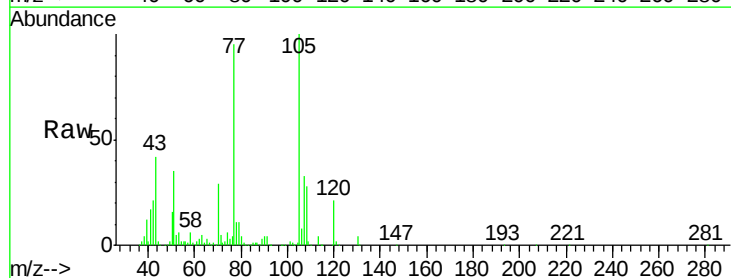
Manual Integrations
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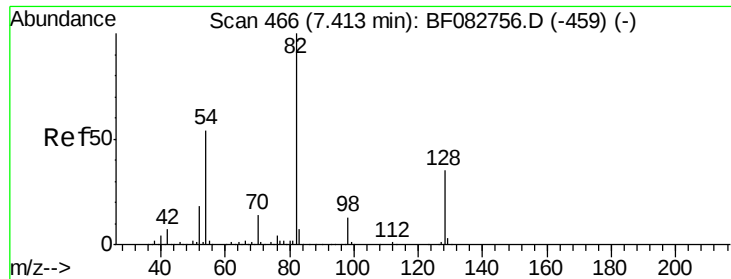
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#22
Acetophenone
Concen: 27.32 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		510600		
71	5.2		5.6	8.4	
51	34.6		24.9	37.3	
120	21.1		15.8	23.8	





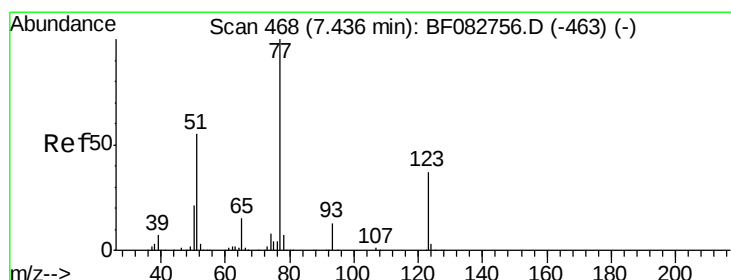
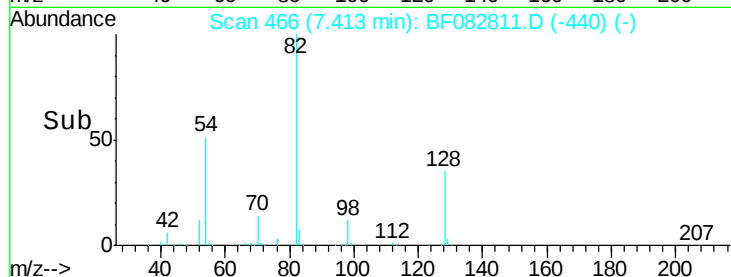
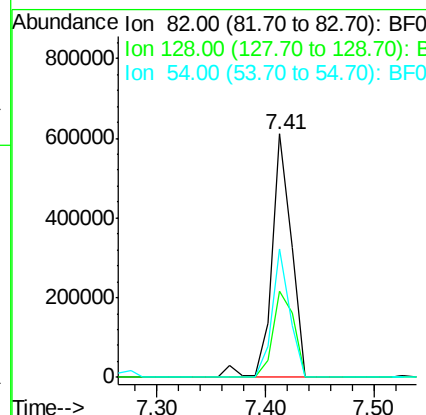
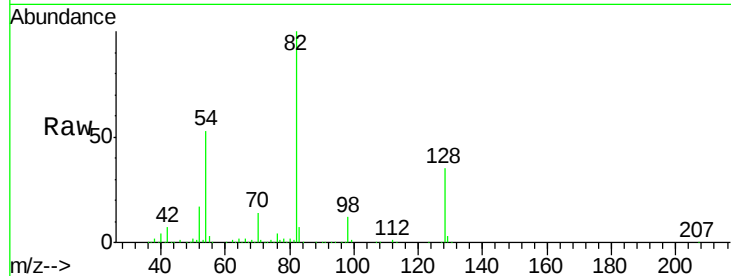
#23
 Nitrobenzene-d5
 Concen: 51.08 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	765796		
128	35.3	26.8	40.2	
54	52.9	45.7	68.5	

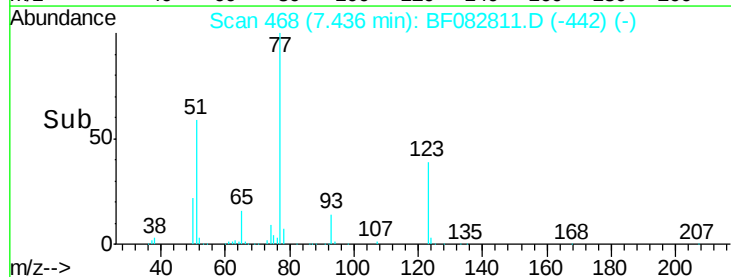
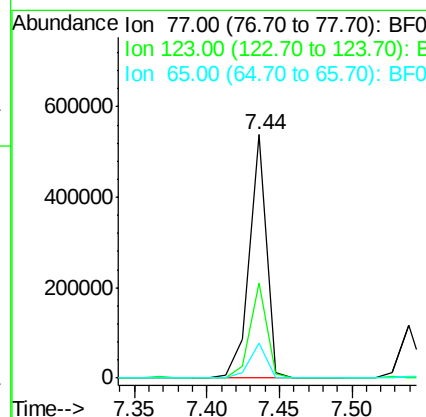
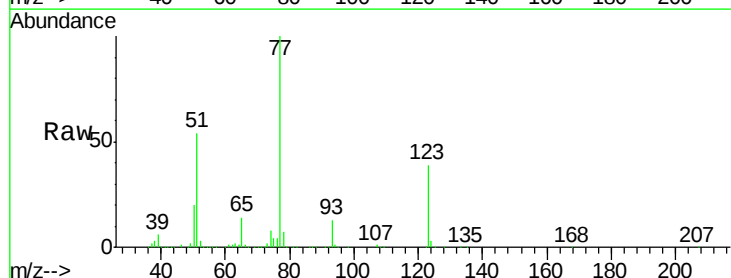
Manual Integrations
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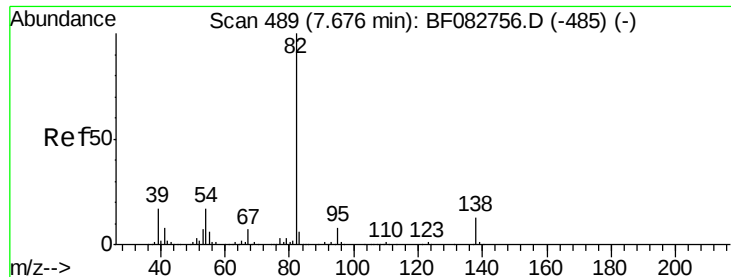
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 11/9/2015 2:08:34 PM



#24
 Nitrobenzene
 Concen: 28.88 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	442777		
123	39.1	36.4	54.6	
65	14.5	11.5	17.3	





#25

Isophorone

Concen: 25.48 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

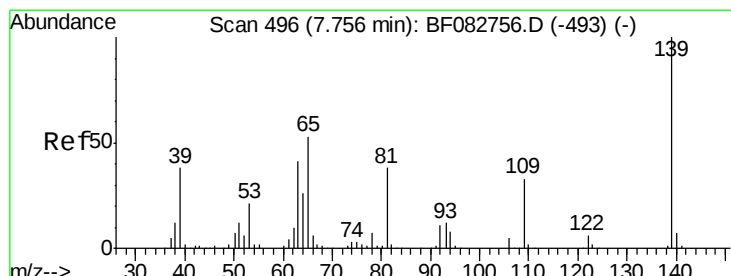
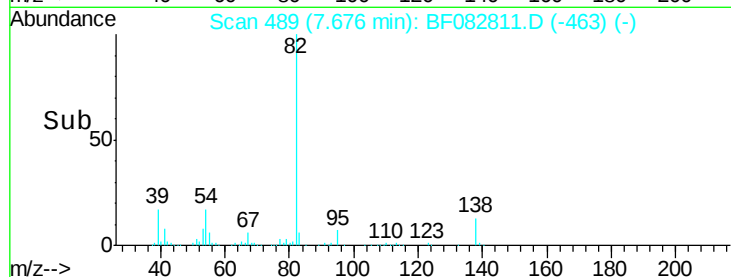
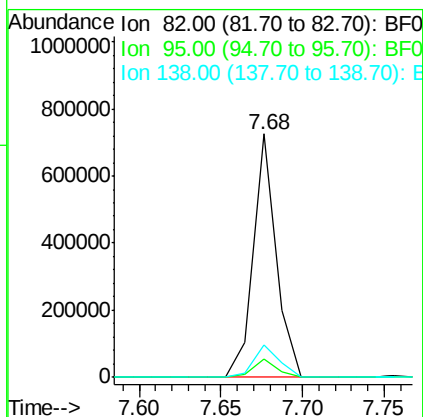
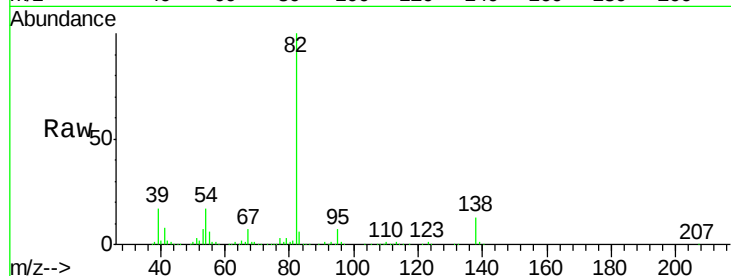
ClientSampleId :

T-14CMSD

Tot Ion:	82	Resp:	706846
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.6	9.8
138	13.2	11.4	17.0

Manual Integrations
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11/9/2015 2:08:34 PM



#26

2-Nitrophenol

Concen: 28.32 ng

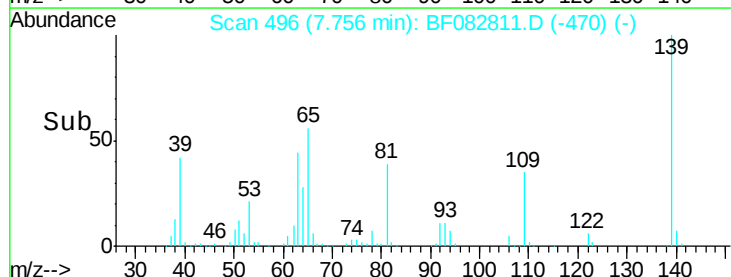
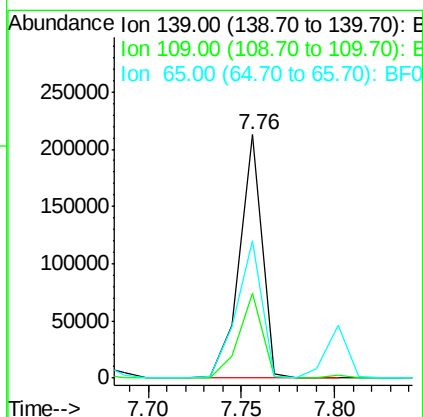
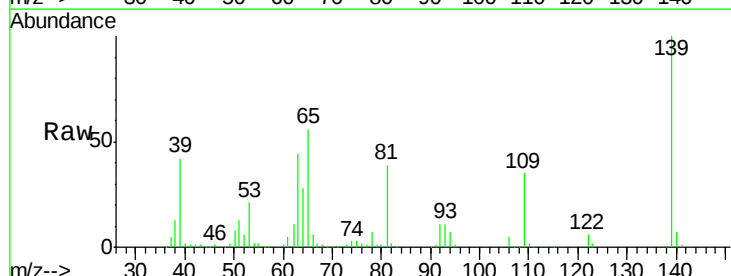
RT: 7.76 min Scan# 496

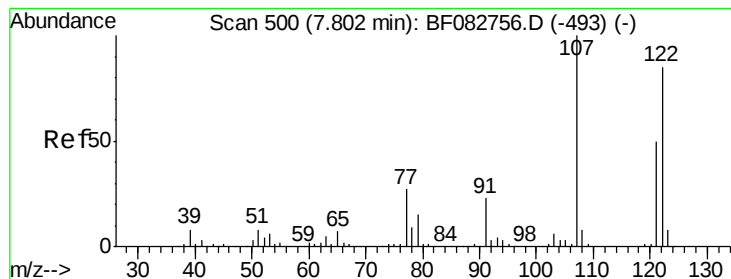
Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	139	Resp:	181240
Ion Ratio	Lower	Upper	
139	100		
109	34.9	37.6	56.4#
65	56.4	70.6	105.8#





#27

2,4-Dimethylphenol

Concen: 28.37 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

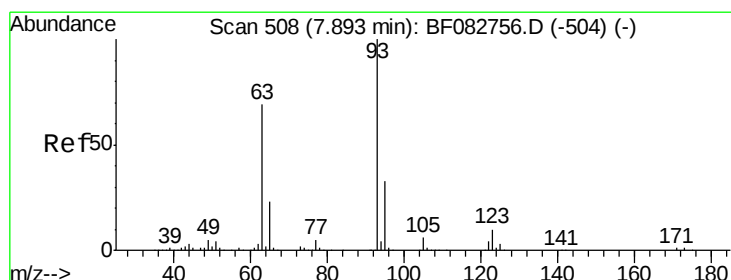
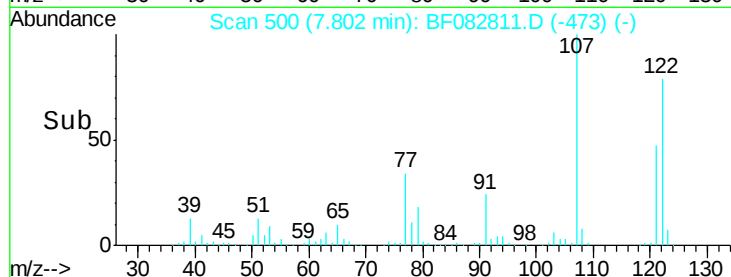
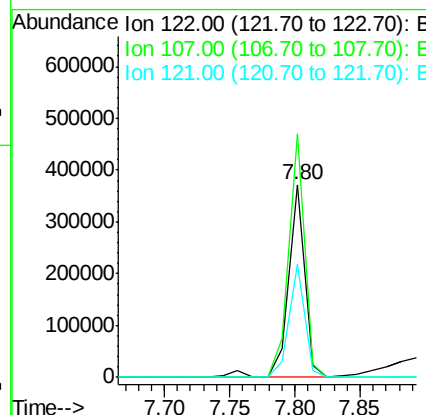
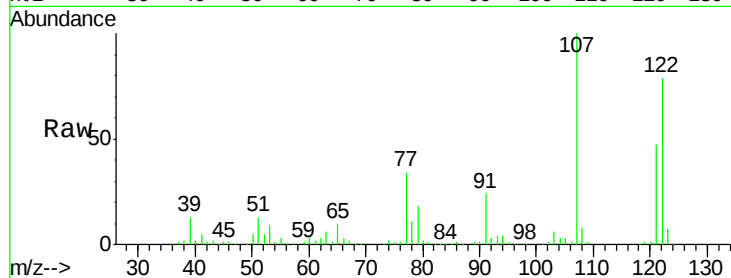
ClientSampleId :

T-14CMSD

Tot Ion:	122	Resp:	326158
Ion Ratio	Lower	Upper	
122	100		
107	126.2	106.0	159.0
121	58.9	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 29.35 ng

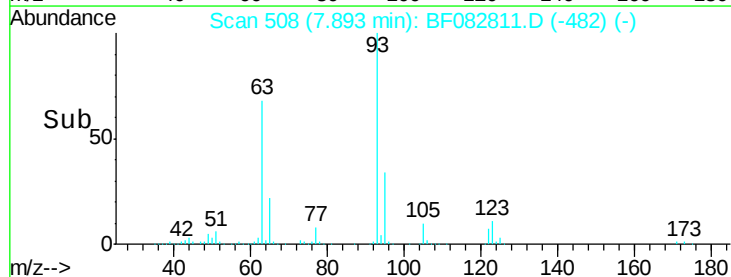
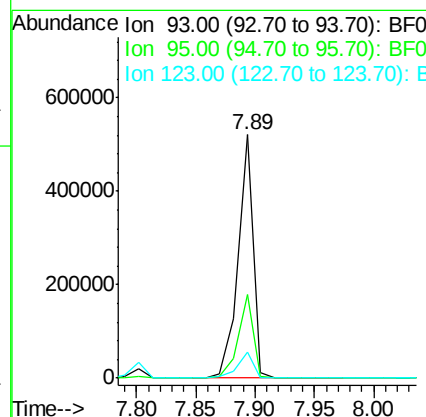
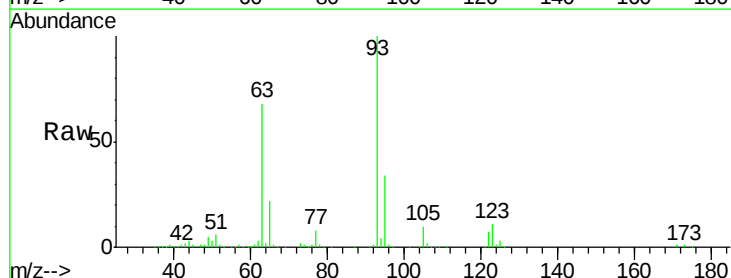
RT: 7.89 min Scan# 508

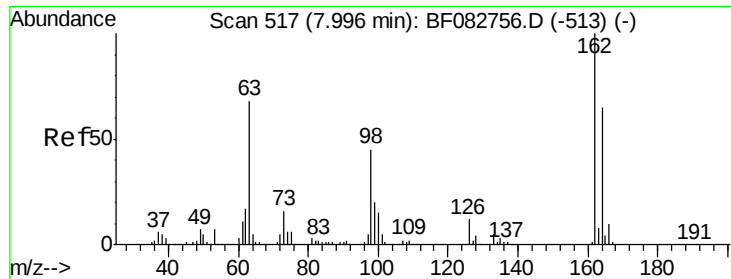
Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	93	Resp:	459194
Ion Ratio	Lower	Upper	
93	100		
95	34.1	26.6	40.0
123	10.5	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 27.23 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

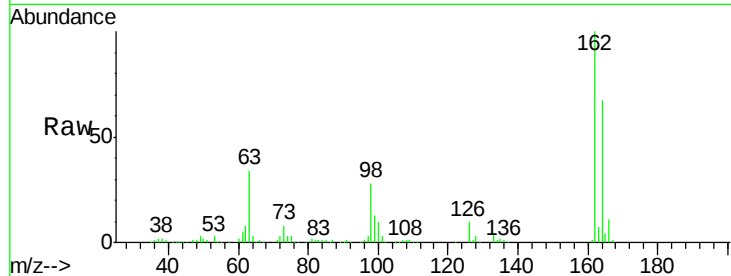
ClientSampleId :

T-14CMSD

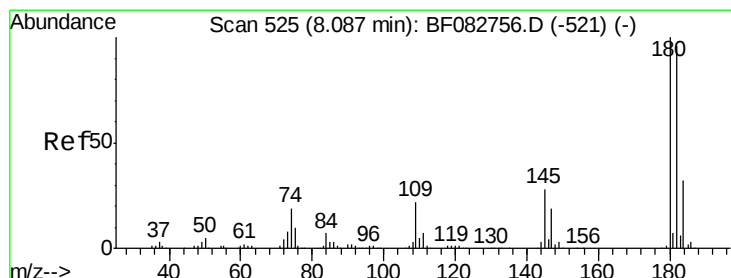
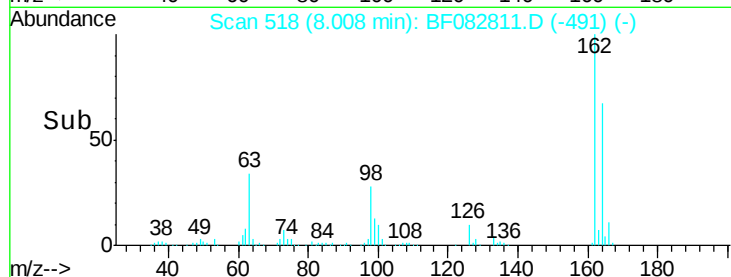
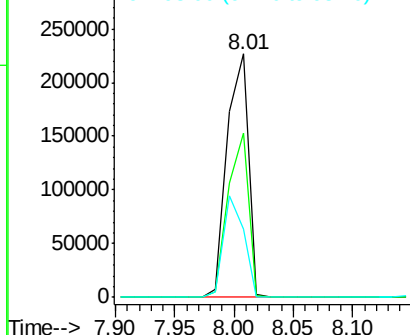
Tot Ion	Ratio	Resp	Lower	Upper
162	100	282977		
164	67.5	46.8	86.8	
98	28.2	12.5	52.5	

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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: 26.91 ng

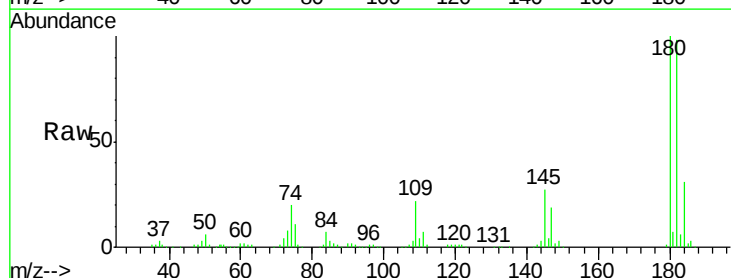
RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

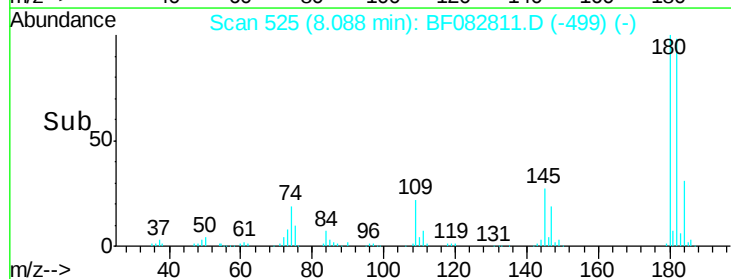
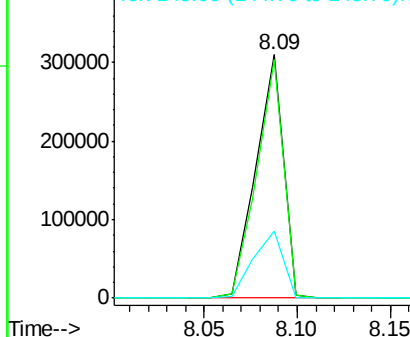
Lab File: BF082811.D

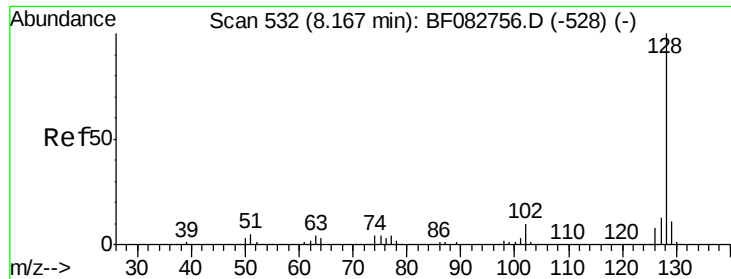
Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	314446		
182	98.0	74.9	112.3	
145	27.4	27.8	41.8#	



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





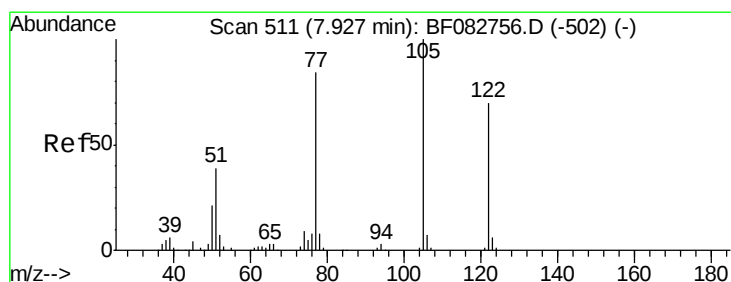
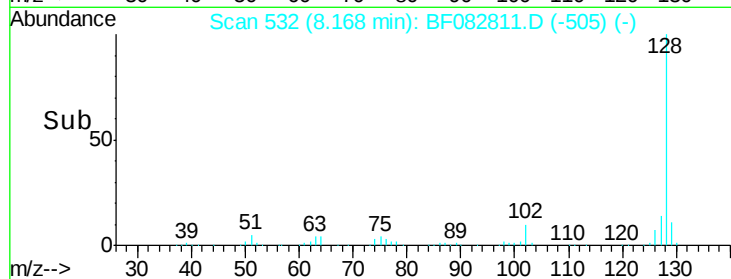
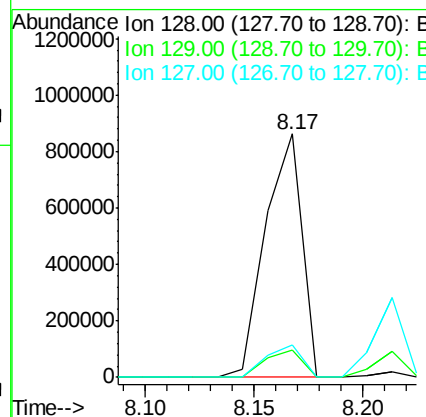
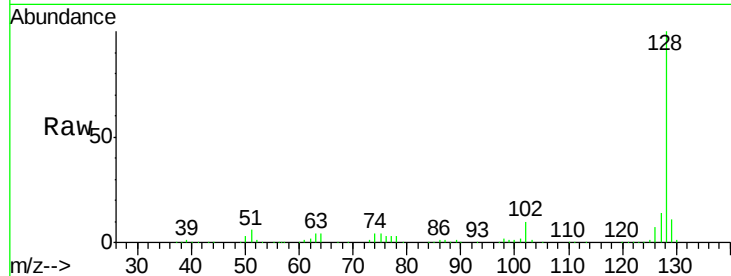
#31
Naphthalene
Concen: 28.28 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.5	11.4	17.0

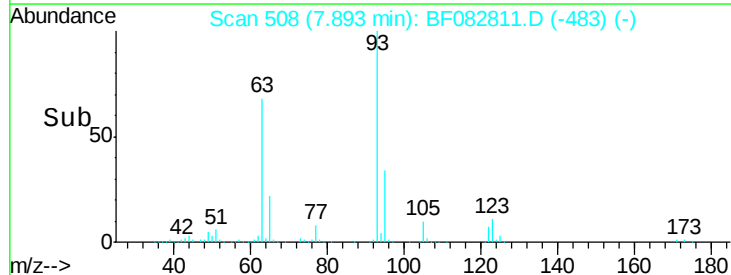
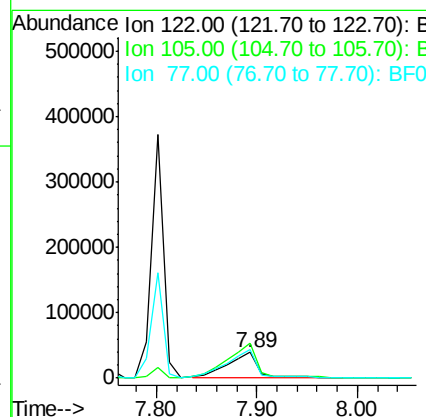
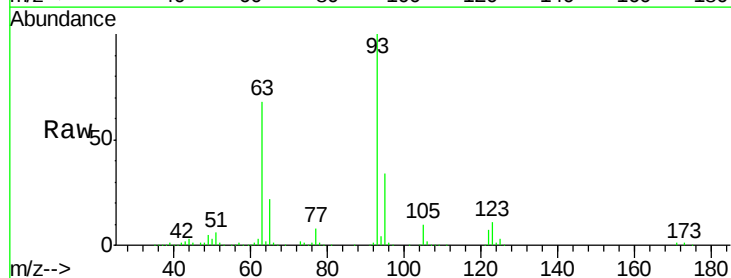
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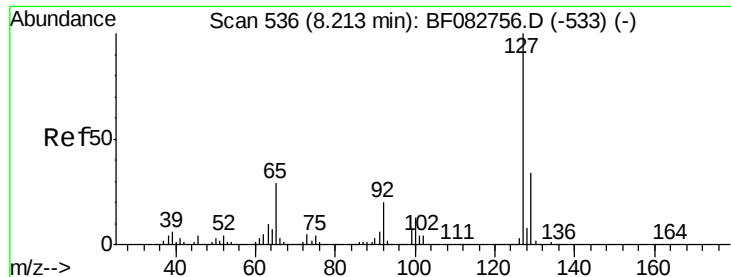
Mmdadoda
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#32
Benzoic acid
Concen: 10.44 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.0	122.6	162.6
77	112.1	100.9	140.9





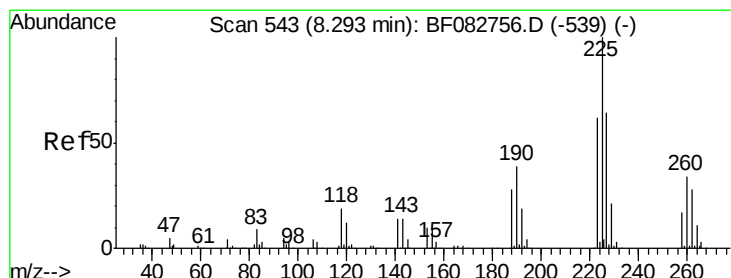
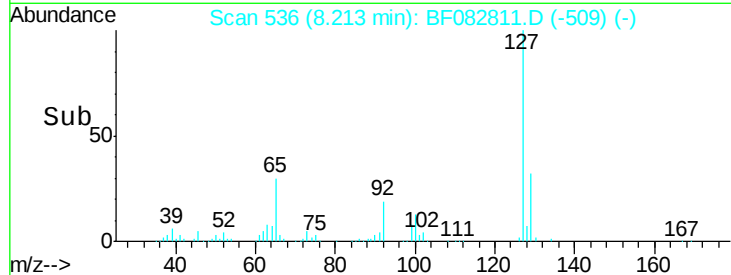
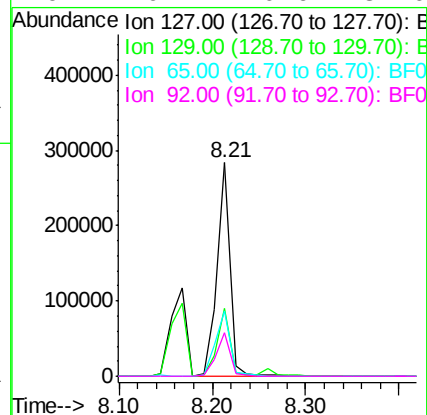
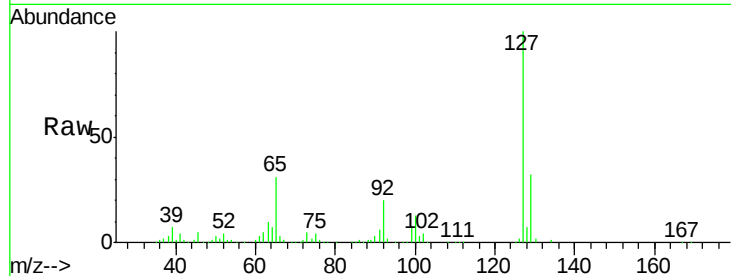
#33
4-Chloroaniline
Concen: 17.67 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		274058		
129	31.8	26.3	39.5		
65	30.5	37.8	56.8		
92	20.1	20.6	31.0		

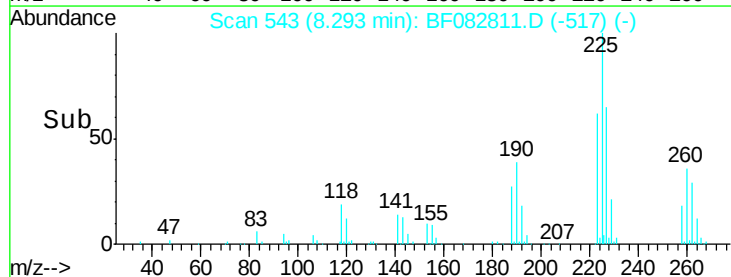
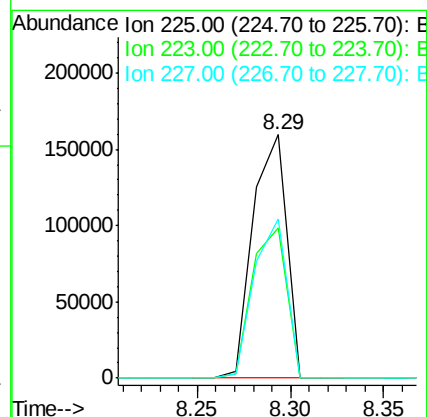
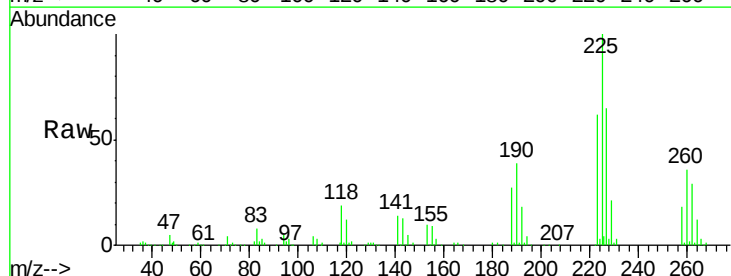
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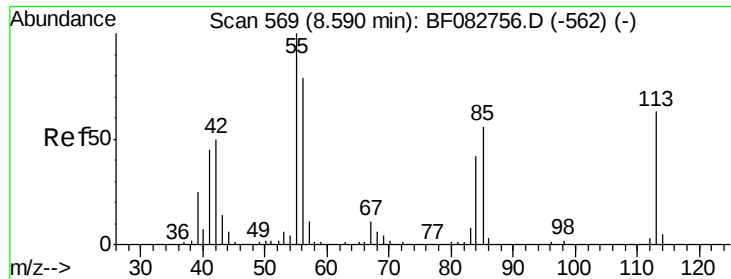
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#34
Hexachlorobutadiene
Concen: 27.23 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		199135		
223	61.9	50.5	75.7		
227	65.4	50.2	75.2		





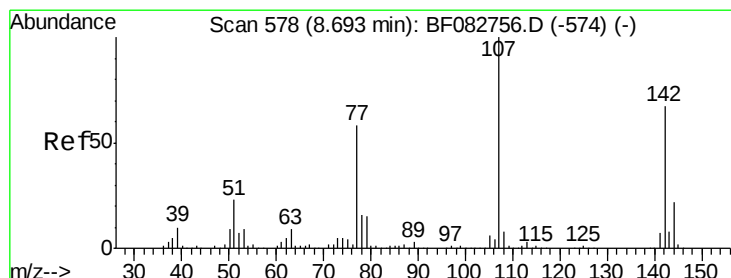
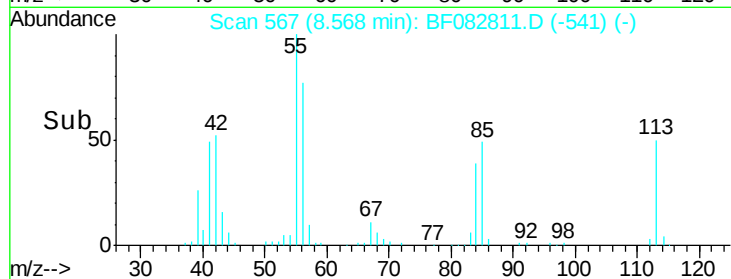
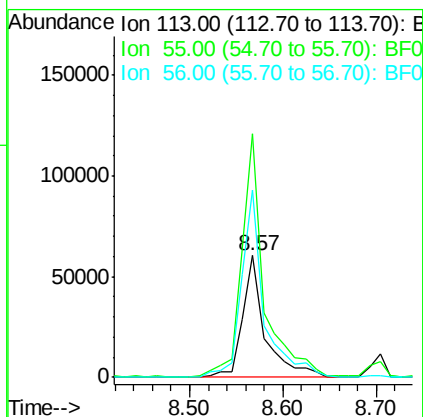
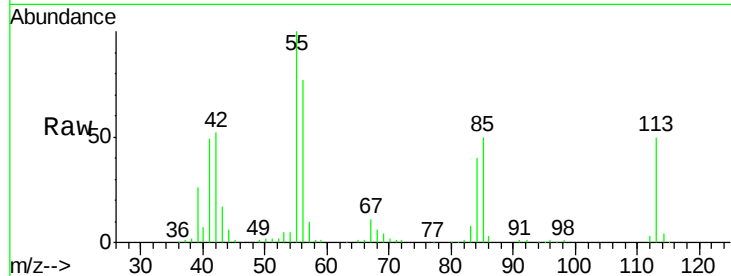
#35
Caprolactam
Concen: 31.02 ng
RT: 8.57 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	199.9	195.5	235.5
56	154.0	153.5	193.5

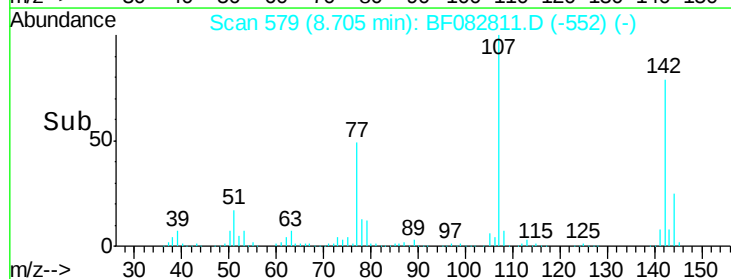
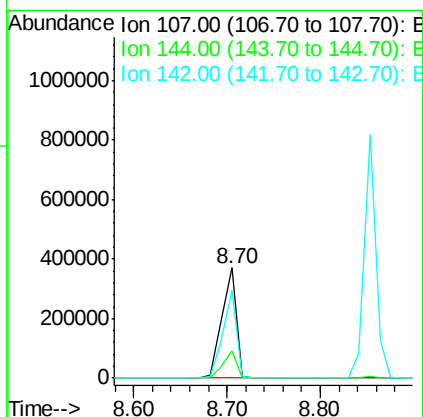
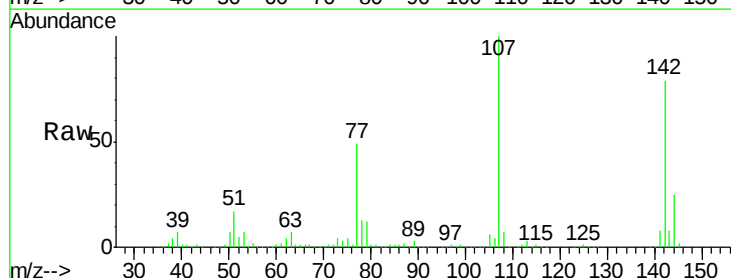
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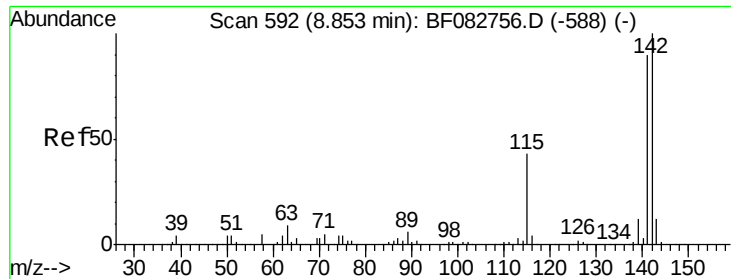
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#36
4-Chloro-3-methylphenol
Concen: 32.09 ng
RT: 8.70 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	15.4	23.0#
142	78.8	47.8	71.8#





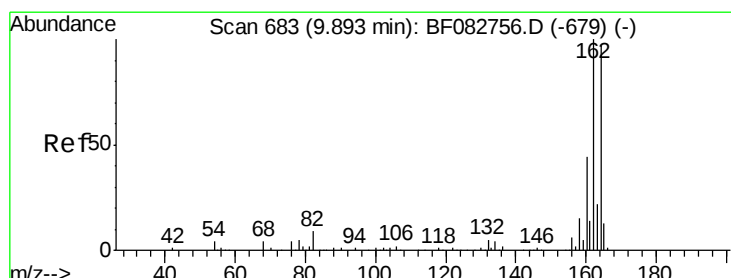
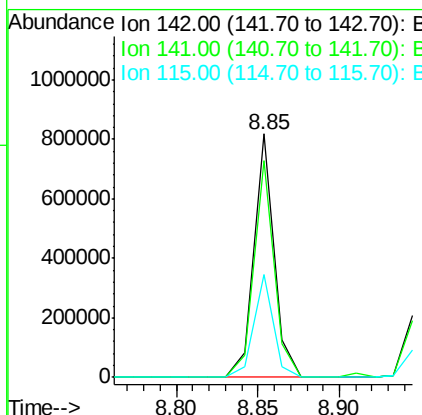
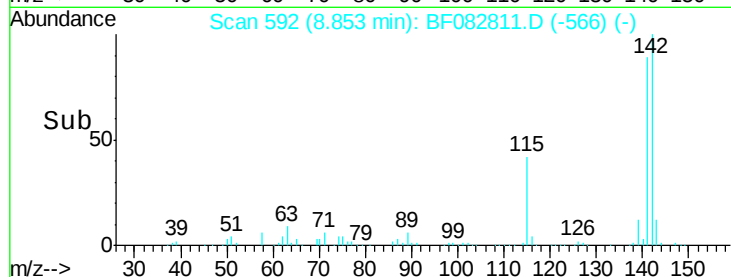
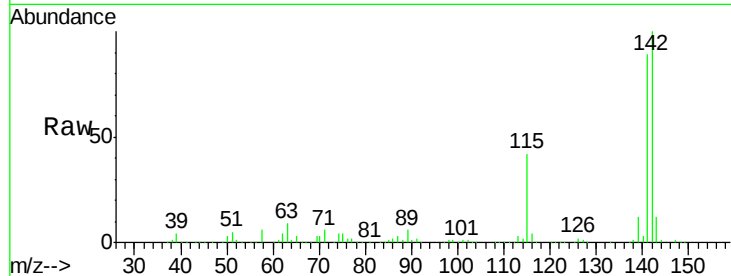
#37
2-Methylnaphthalene
Concen: 30.43 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.3	108.5
115	42.0	38.1	57.1

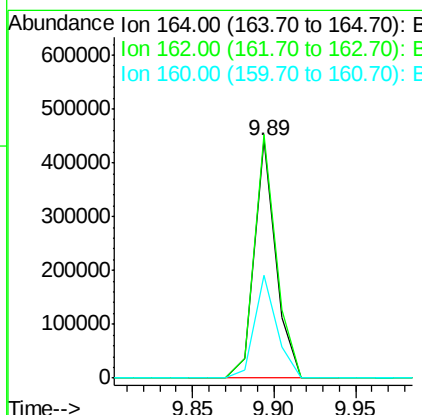
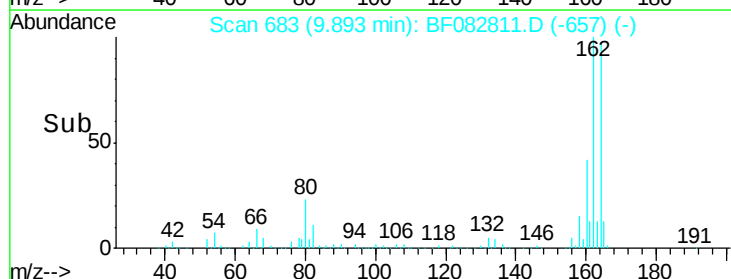
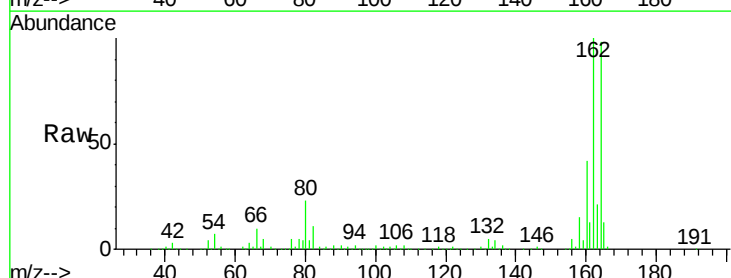
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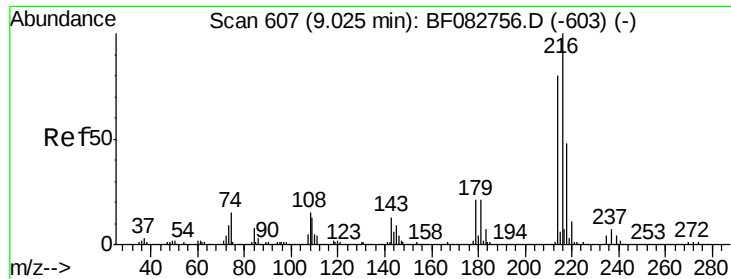
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.9	127.3
160	43.3	37.5	56.3





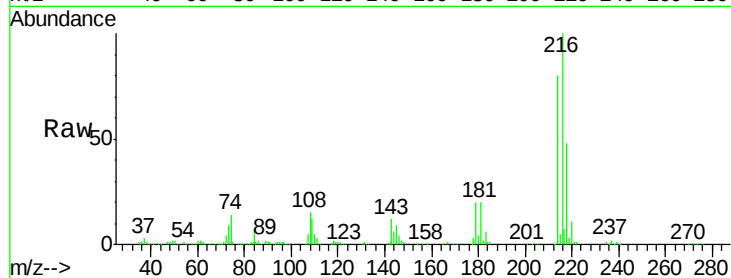
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.70 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

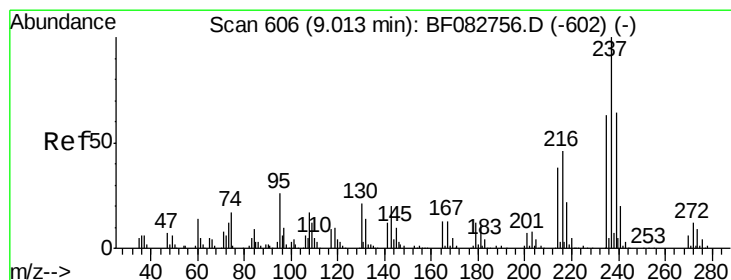
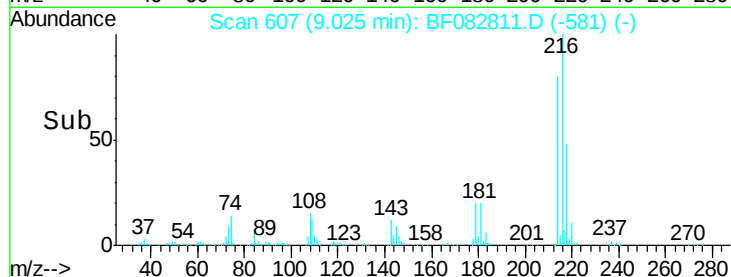
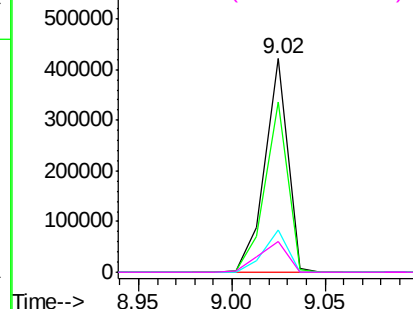
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.8		62.2	93.2	
179	21.0		18.1	27.1	
108	18.0		16.6	25.0	

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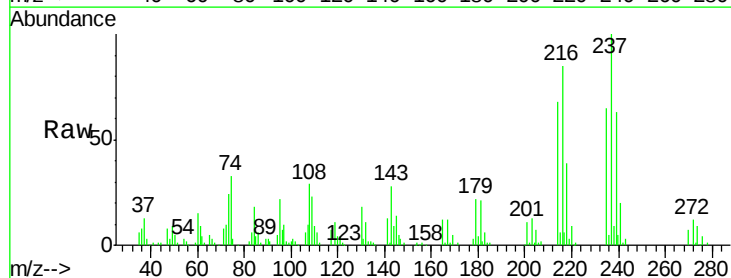


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

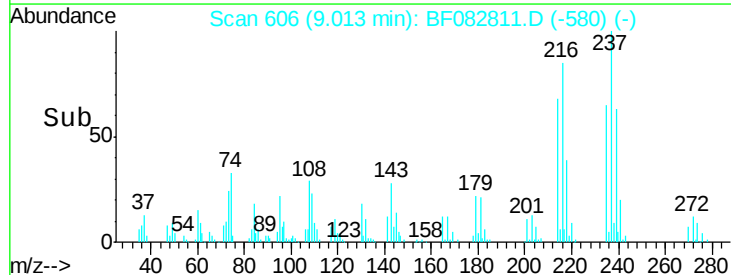
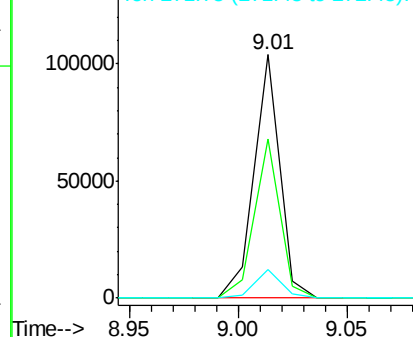


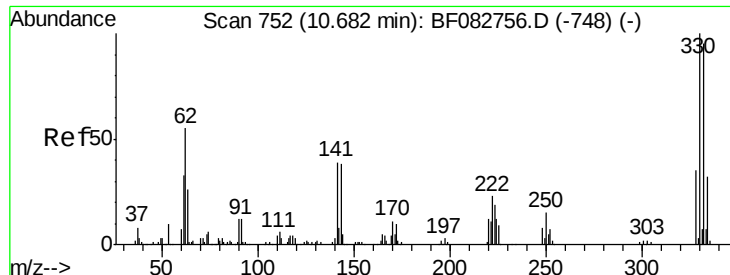
#40
 Hexachlorocyclopentadiene
 Concen: 11.90 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	65.4		44.3	84.3	
272	12.0		0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





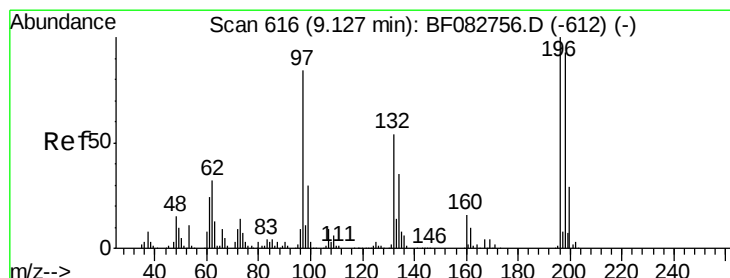
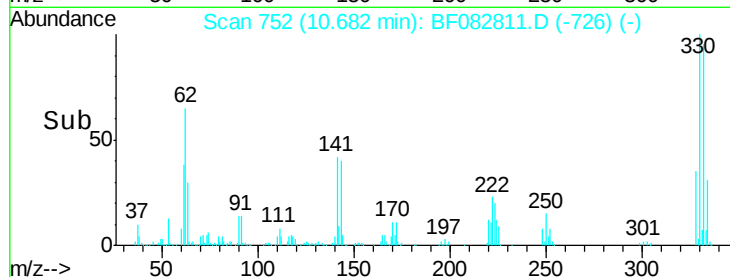
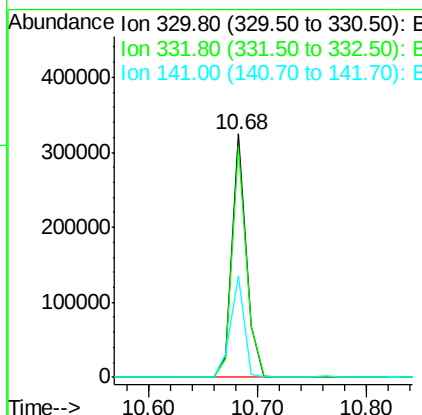
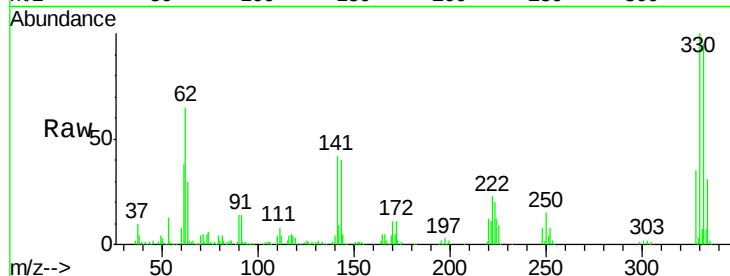
#41
 2,4,6-Tribromophenol
 Concen: 62.25 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	290407		
332	95.6	76.6	114.8	
141	40.6	41.2	61.8	

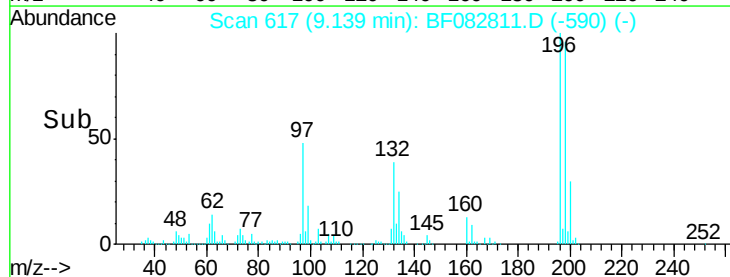
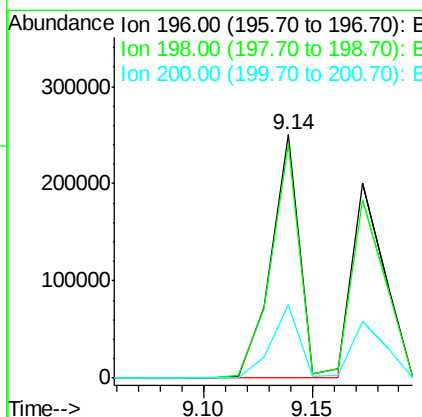
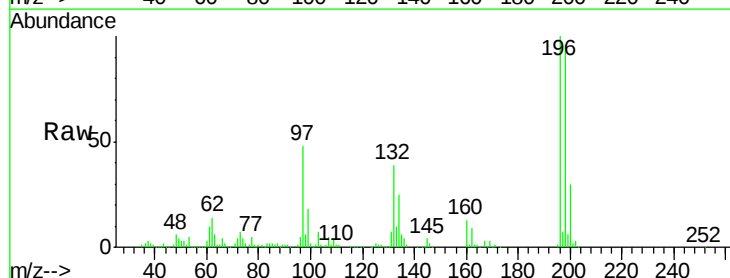
Manual Integrations
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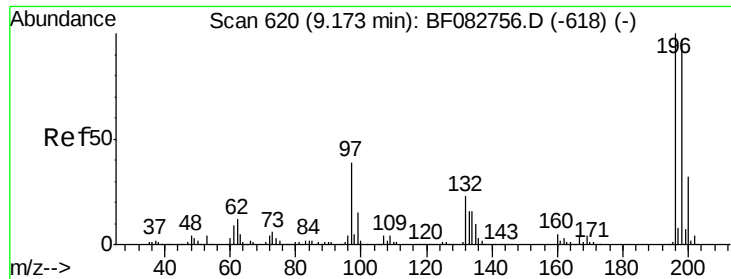
Mmdadoda
 11/9/2015 2:08:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 23.36 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	233136		
198	95.8	76.3	114.5	
200	30.1	23.9	35.9	





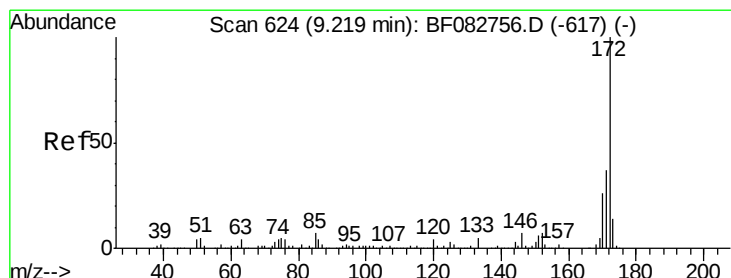
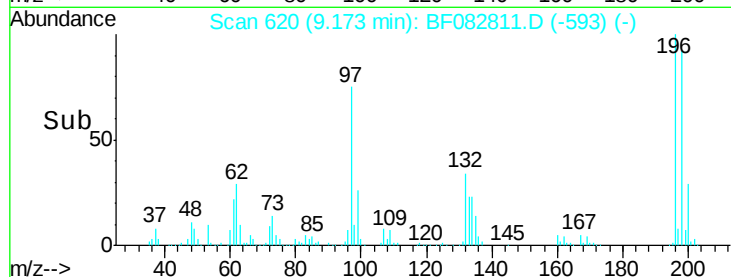
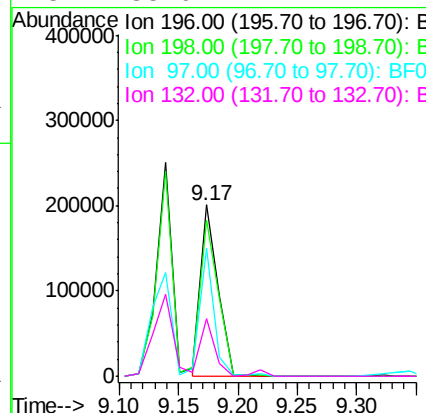
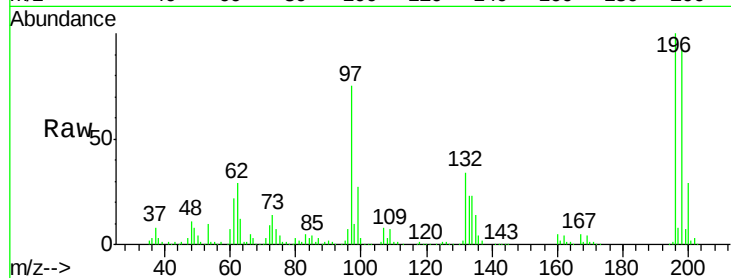
#43
 2,4,5-Trichlorophenol
 Concen: 20.97 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	206970		
198	91.6	75.8	113.8	
97	75.0	62.3	93.5	
132	33.9	27.4	41.2	

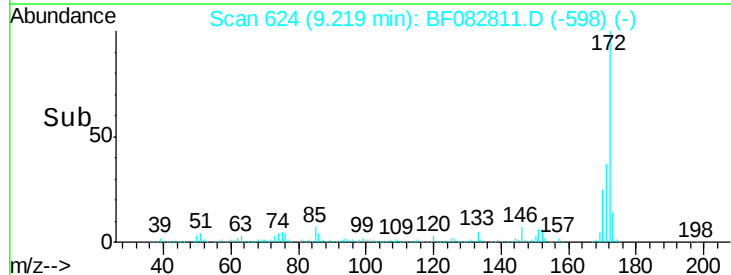
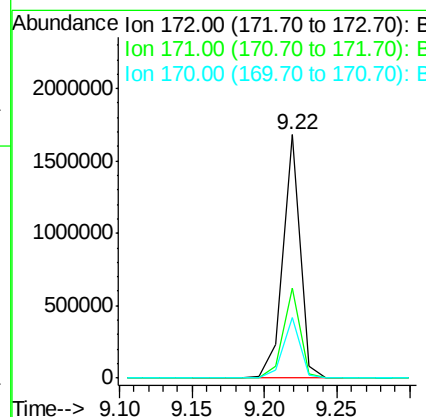
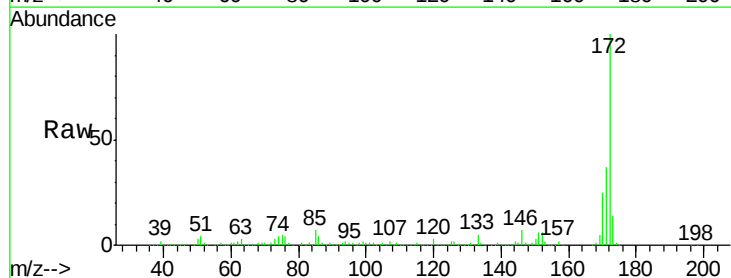
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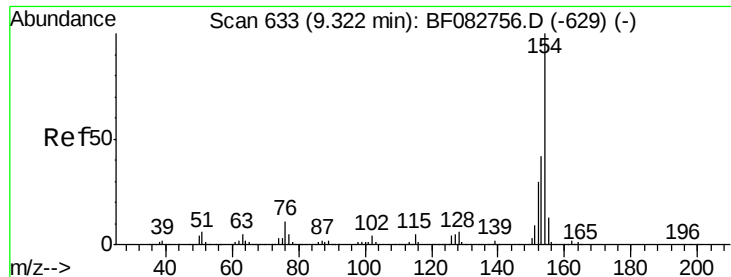
Mmdadoda
 11/9/2015 2:08:34 PM



#44
 2-Fluorobiphenyl
 Concen: 48.54 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1377983		
171	37.1	30.8	46.2	
170	25.1	21.2	31.8	





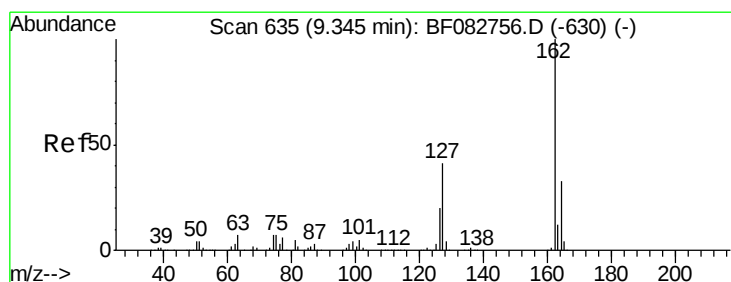
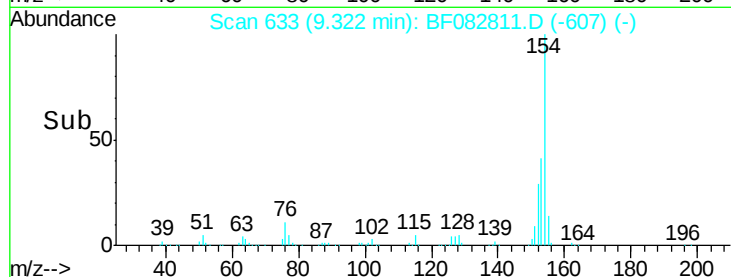
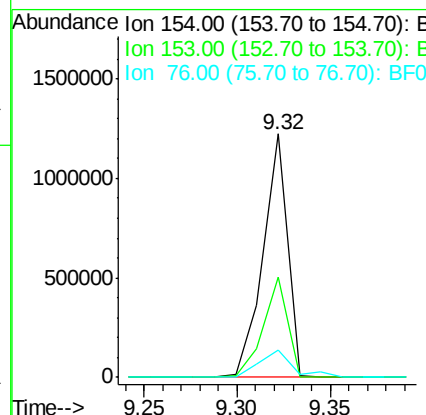
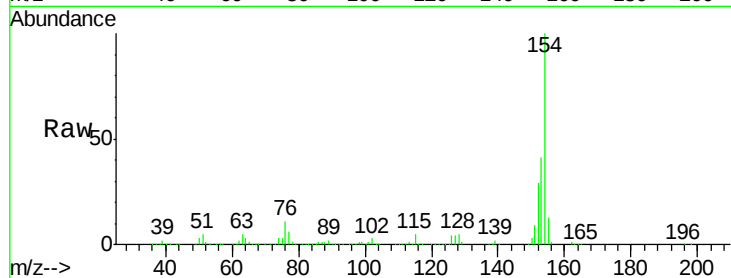
#45
 1,1'-Biphenyl
 Concen: 31.65 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.0	62.0
76	11.3	0.0	29.0

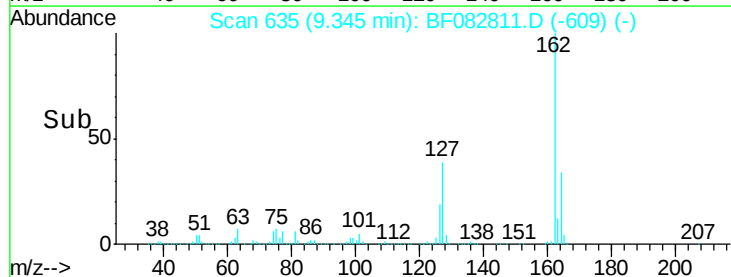
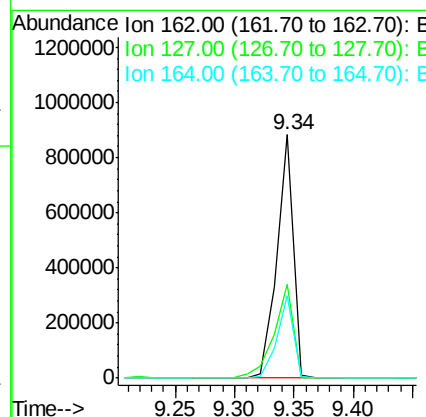
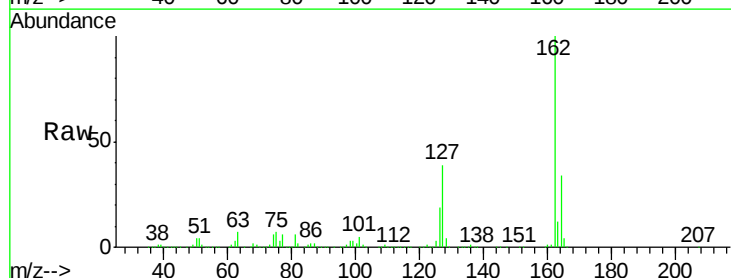
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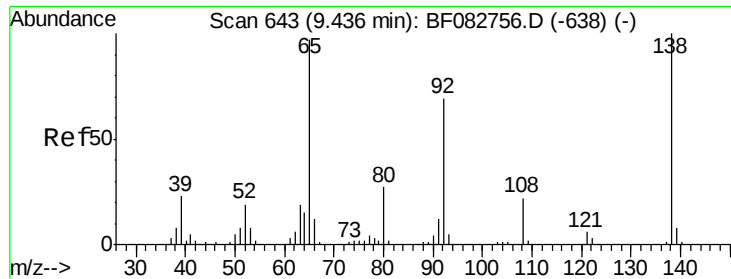
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 11/9/2015 2:08:34 PM



#46
 2-Chloronaphthalene
 Concen: 31.20 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.7	49.1
164	33.8	27.4	41.0





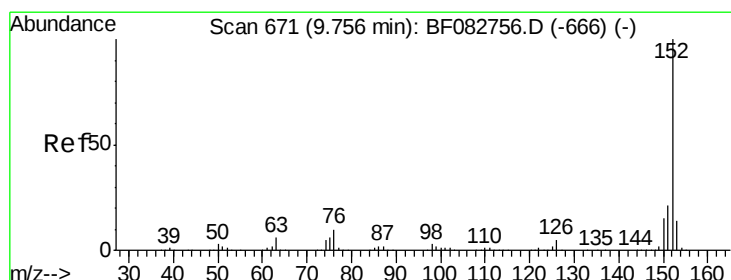
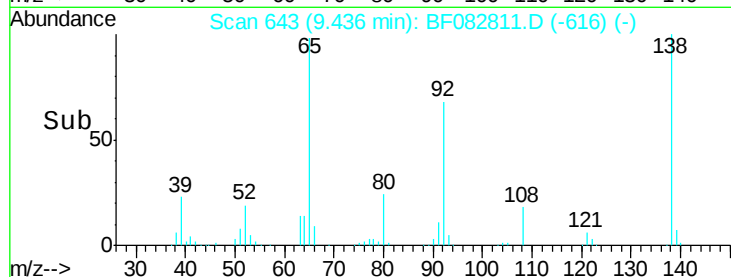
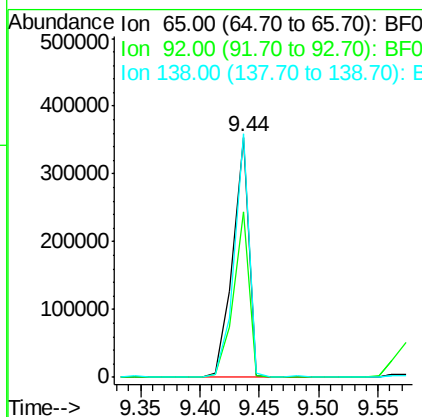
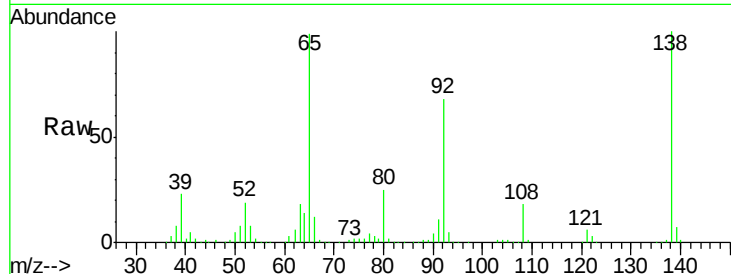
#47
2-Nitroaniline
Concen: 33.48 ng
RT: 9.44 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	338197		
92	68.8	46.6	70.0	
138	101.5	54.6	81.8	

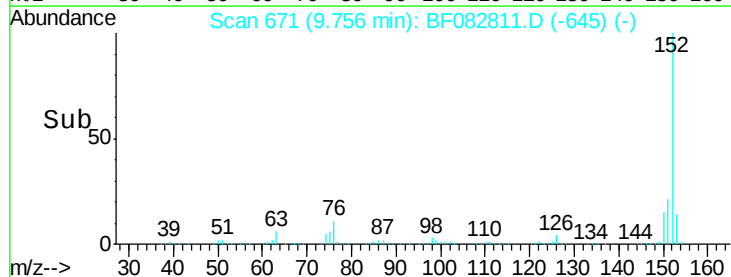
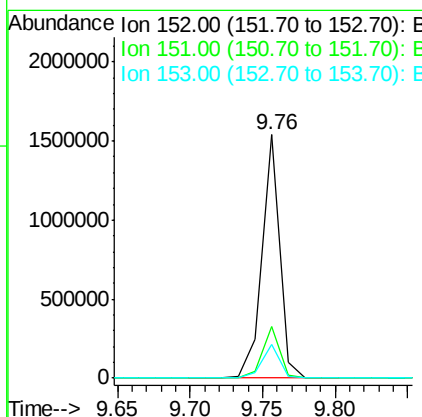
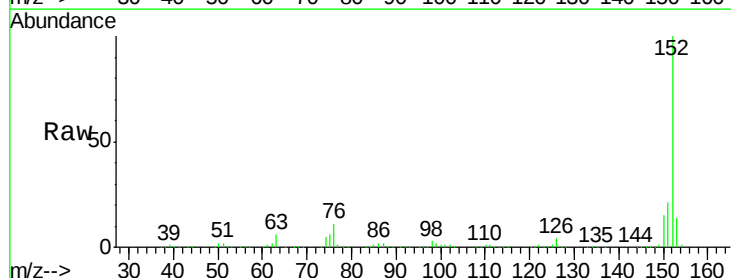
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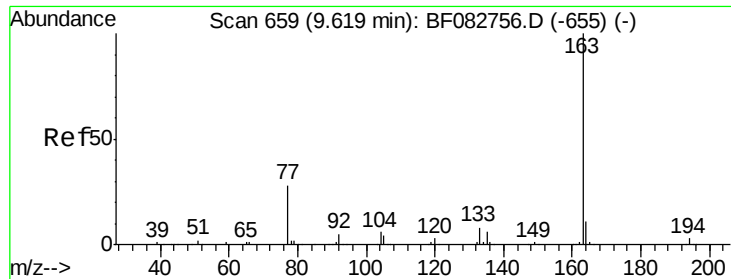
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#48
Acenaphthylene
Concen: 30.50 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1301702		
151	21.0	17.3	25.9	
153	13.9	11.3	16.9	





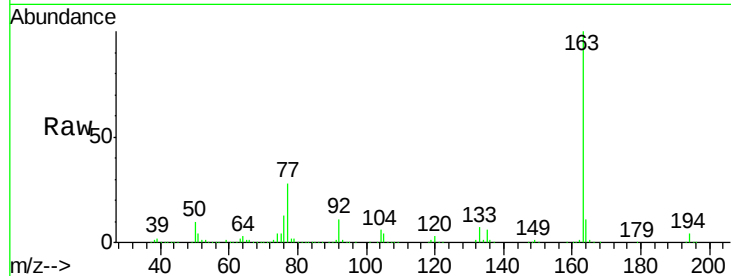
#49
Dimethylphthalate
Concen: 39.63 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

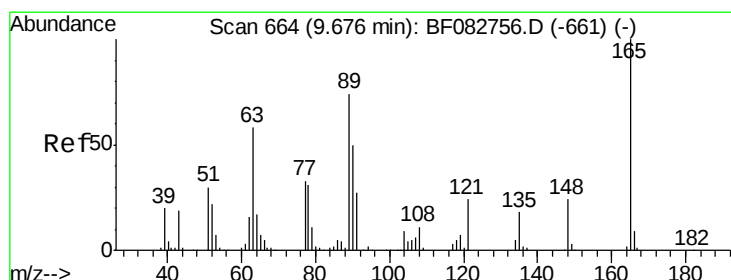
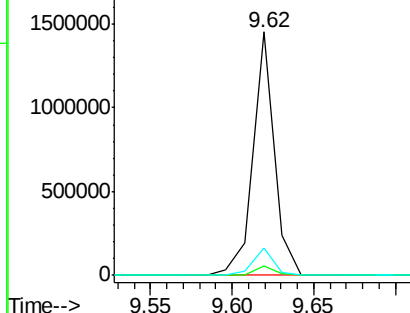
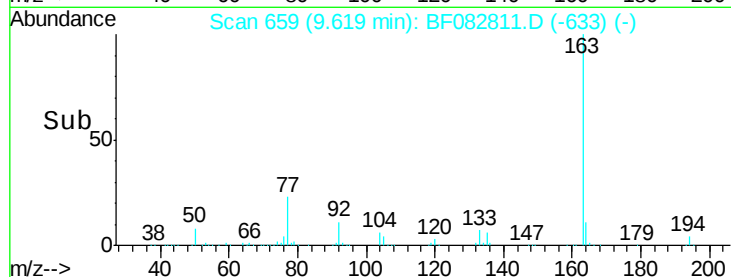
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	11.3	8.7	13.1

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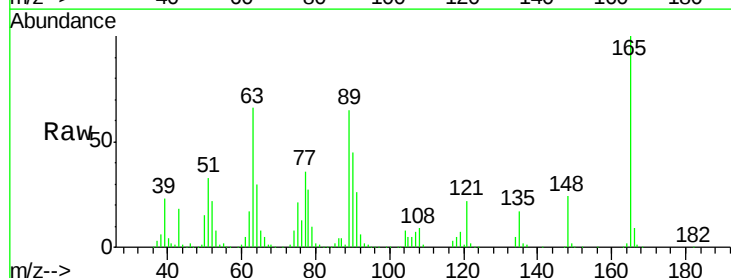


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

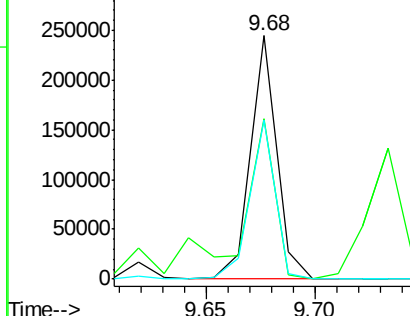
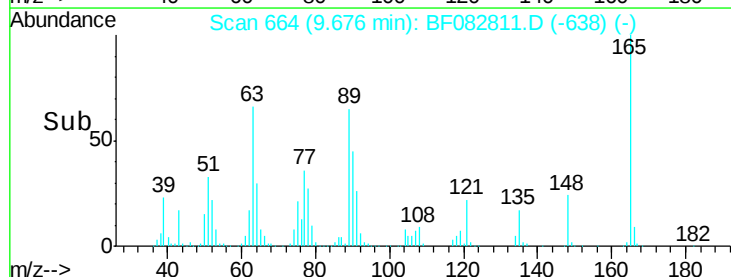


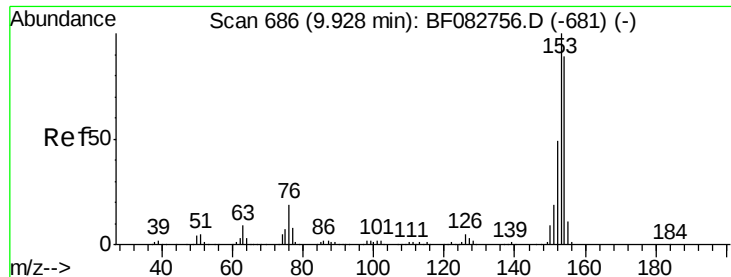
#50
2,6-Dinitrotoluene
Concen: 28.84 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.9	55.5	83.3
89	65.2	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: 27.12 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

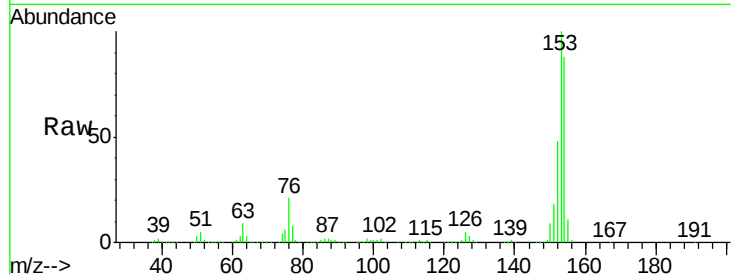
ClientSampleId :

T-14CMSD

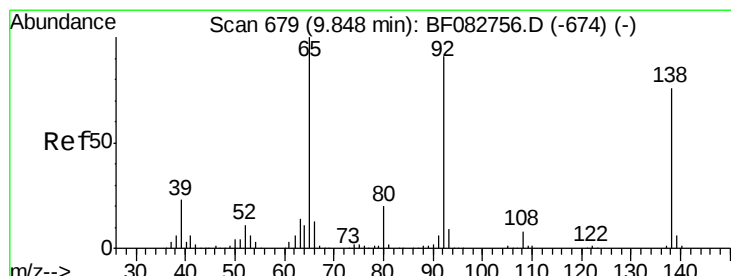
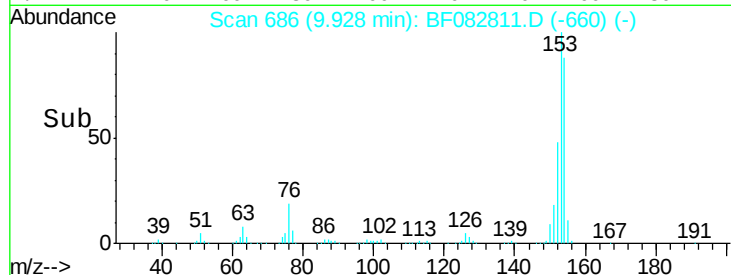
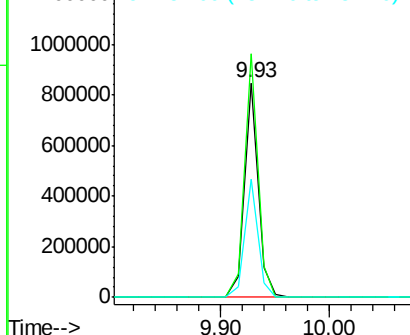
Tot Ion:	154	Resp:	733497
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.1	135.1
152	55.0	44.3	66.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.62 ng

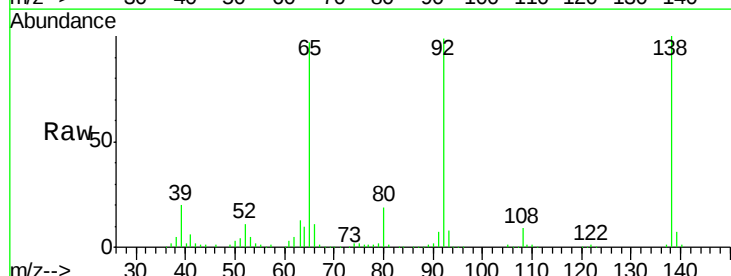
RT: 9.85 min Scan# 679

Delta R.T. 0.01 min

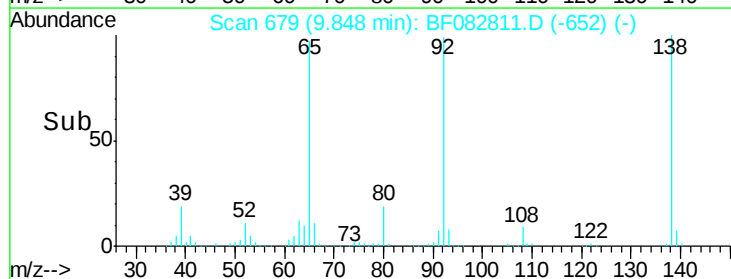
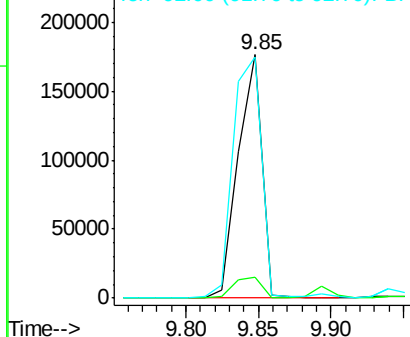
Lab File: BF082811.D

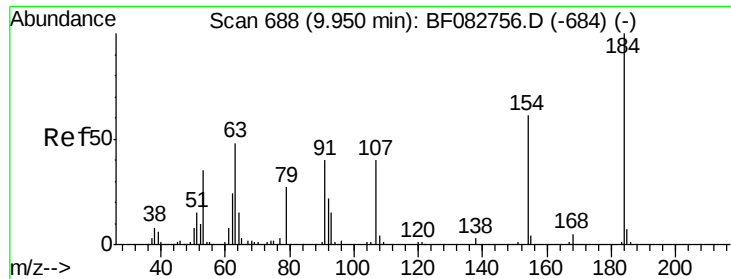
Acq: 7 Nov 2015 15:29

Tgt Ion:	138	Resp:	200443
Ion Ratio	Lower	Upper	
138	100		
108	8.6	11.3	16.9#
92	99.0	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





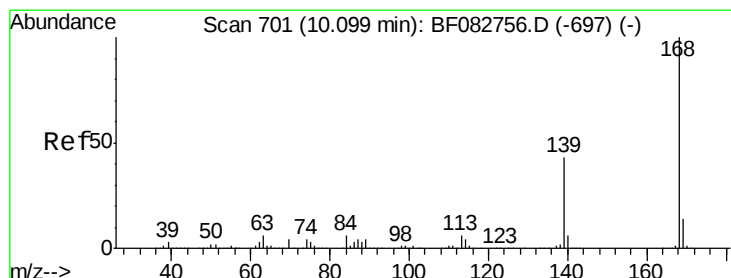
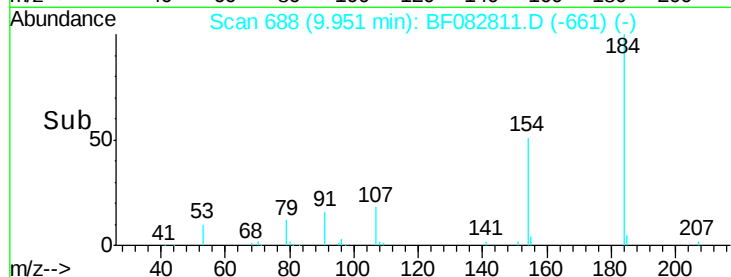
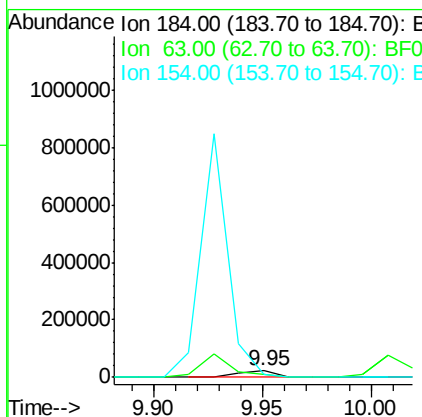
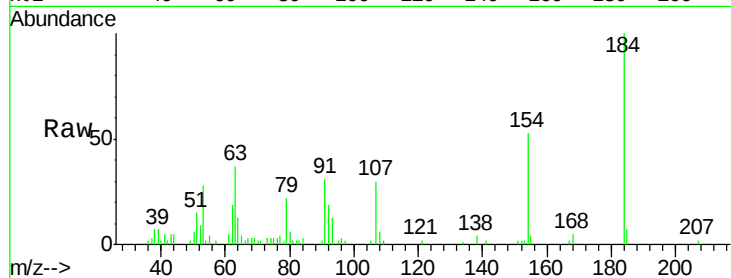
#53
 2,4-Dinitrophenol
 Concen: 6.75 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	37.5	98.6	148.0#
154	52.8	183.9	275.9#

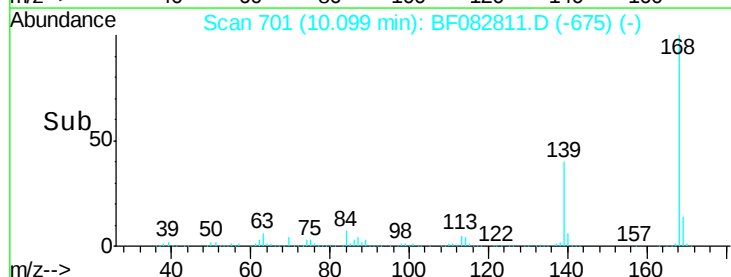
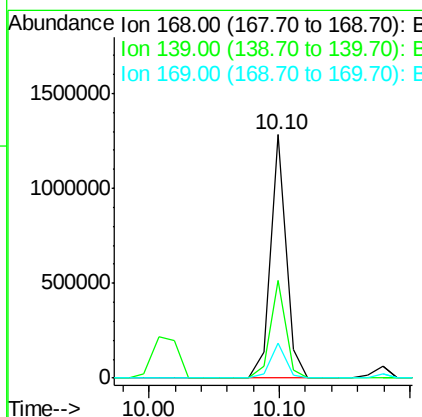
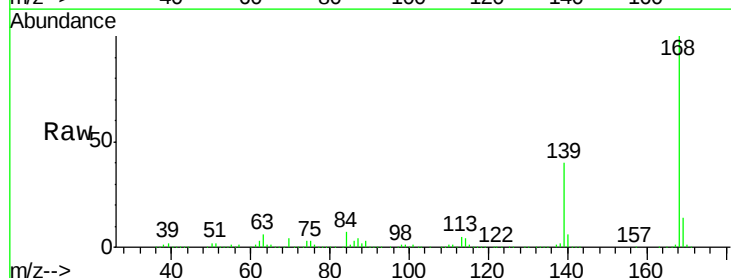
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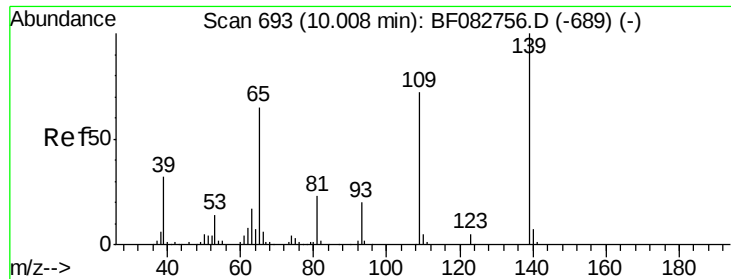
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#54
 Dibenzofuran
 Concen: 29.63 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	37.8	56.6
169	14.4	11.3	16.9





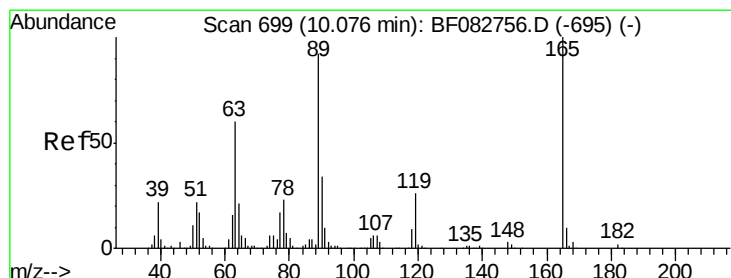
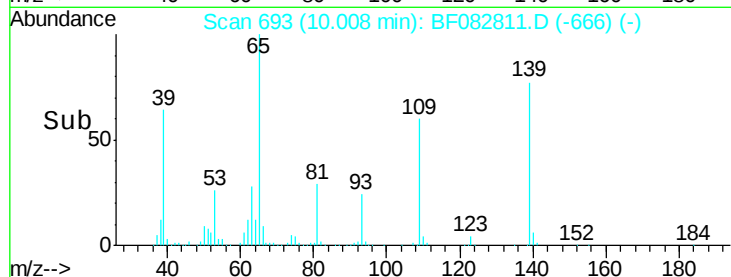
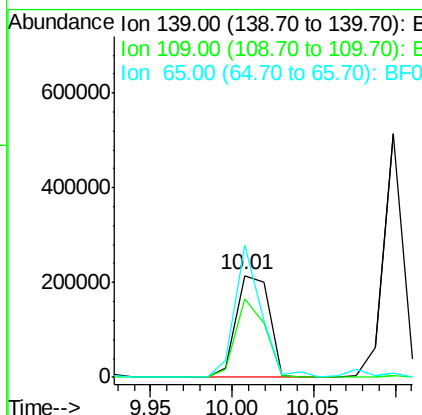
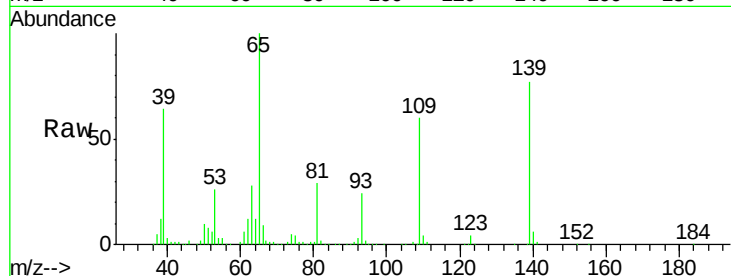
#55
4-Nitrophenol
Concen: 50.70 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	77.5	73.7	113.7
65	130.0	82.9	122.9

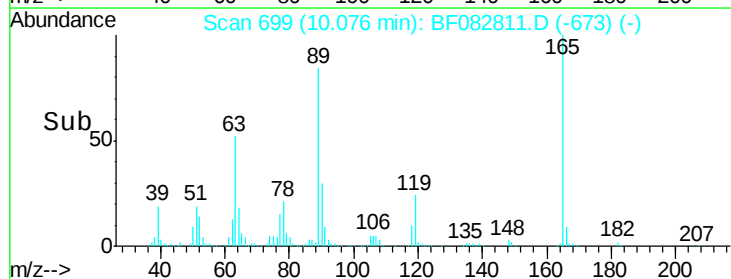
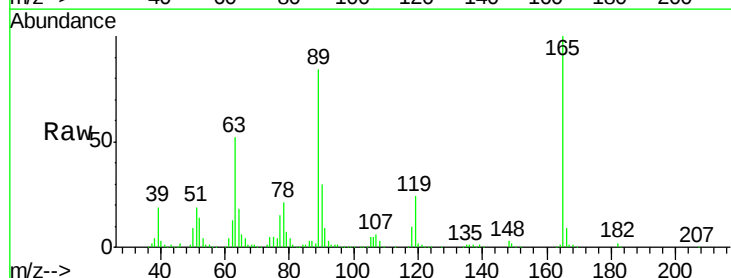
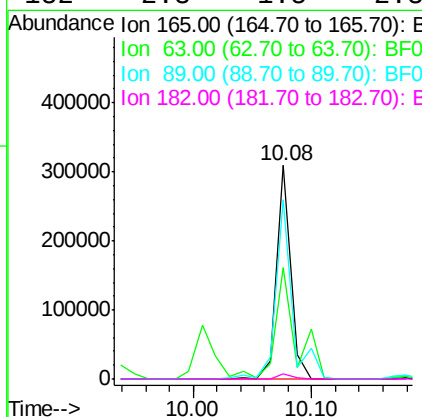
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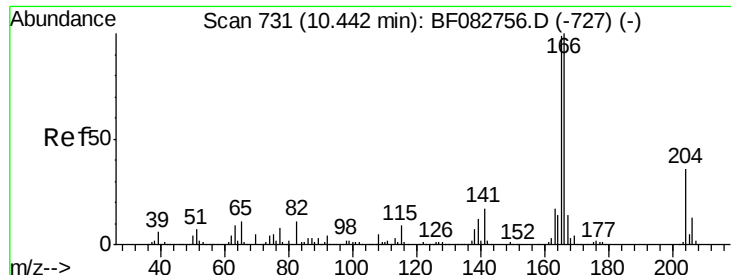
Mmdadoda
11/9/2015 2:08:34 PM



#56
2,4-Dinitrotoluene
Concen: 26.57 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.9	43.4	65.0
89	83.8	70.6	106.0
182	2.3	1.5	2.3





#57

Fluorene

Concen: 27.63 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

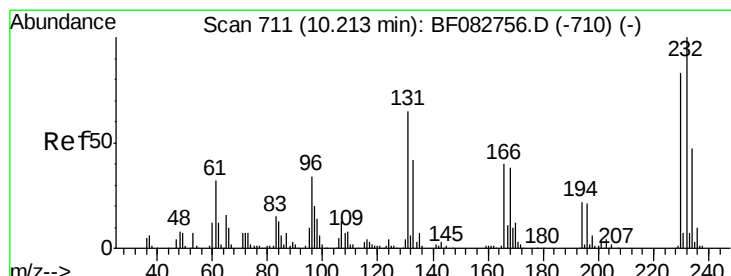
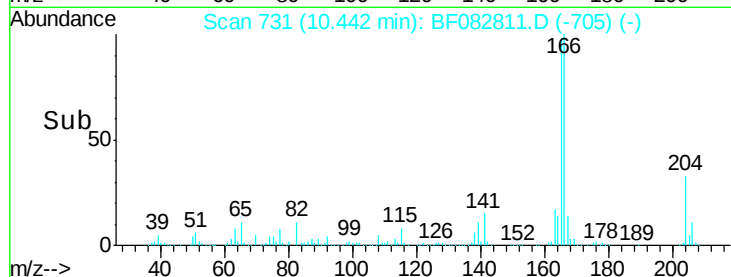
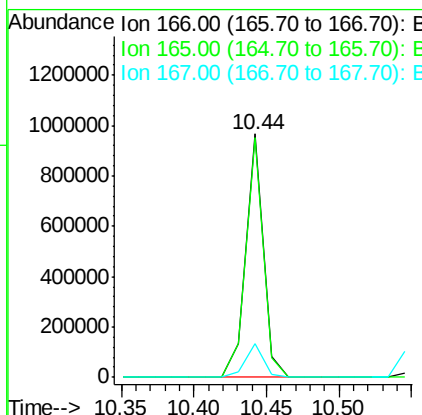
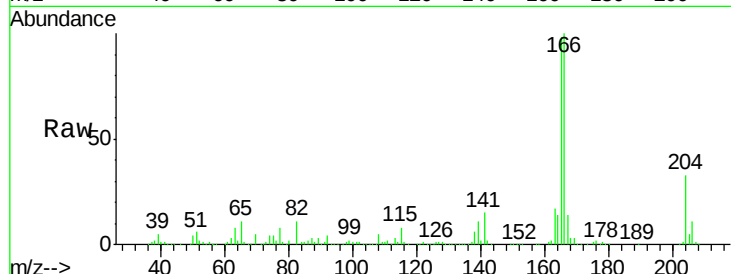
ClientSampleId :

T-14CMSD

Tot Ion:	166	Resp:	816168
Ion Ratio		Lower	Upper
166	100		
165	98.4	80.2	120.4
167	13.8	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 27.52 ng

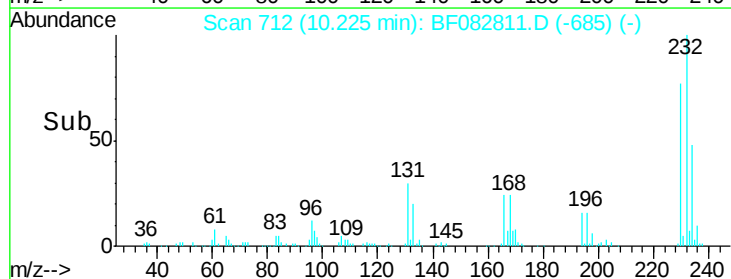
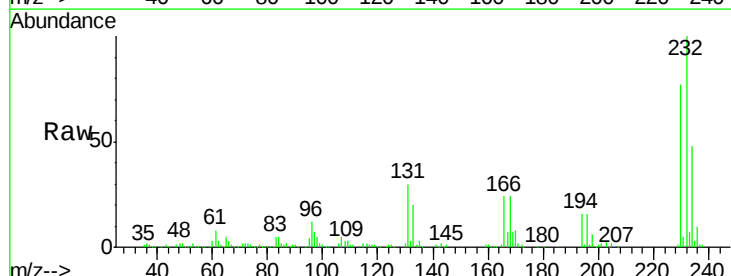
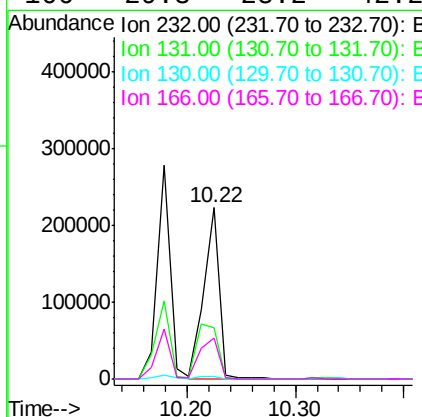
RT: 10.22 min Scan# 712

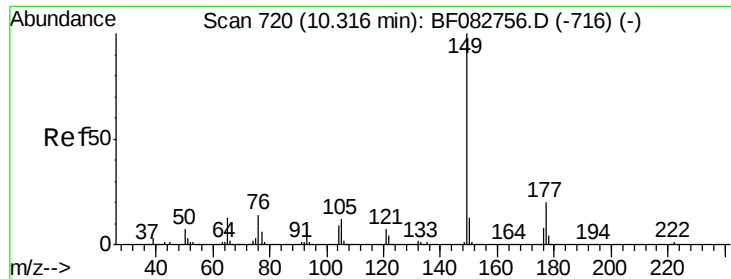
Delta R.T. 0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	232	Resp:	221717
Ion Ratio		Lower	Upper
232	100		
131	43.8	46.2	69.2#
130	2.1	2.4	3.6#
166	29.3	28.2	42.2





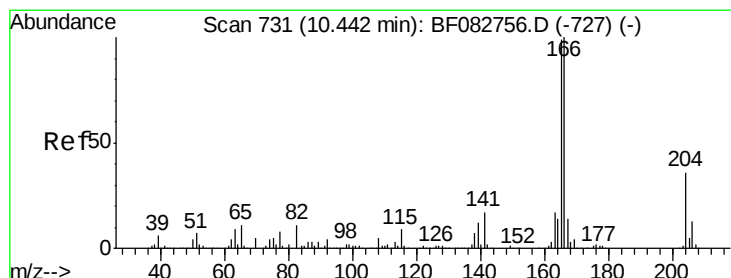
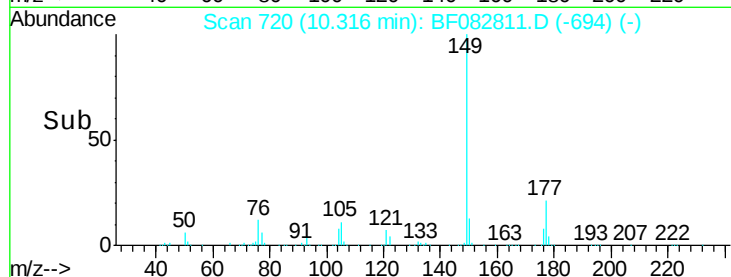
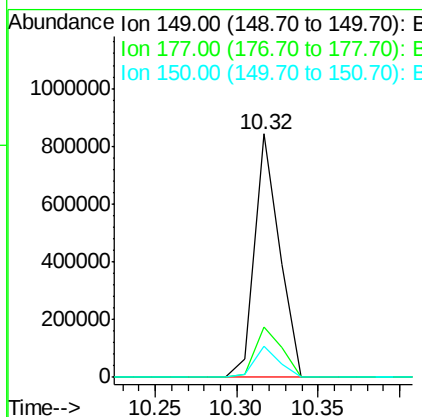
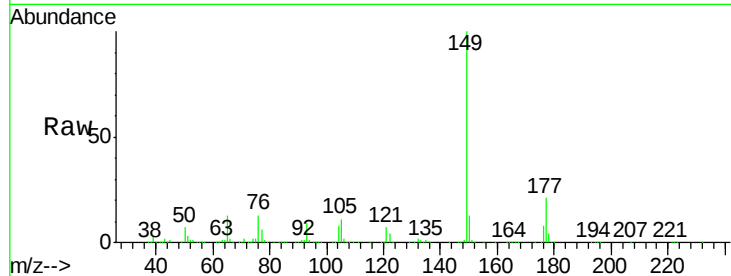
#59
Diethylphthalate
Concen: 27.44 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampled :
T-14CMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	893286		
177	20.8		17.9	26.9
150	12.9		10.1	15.1

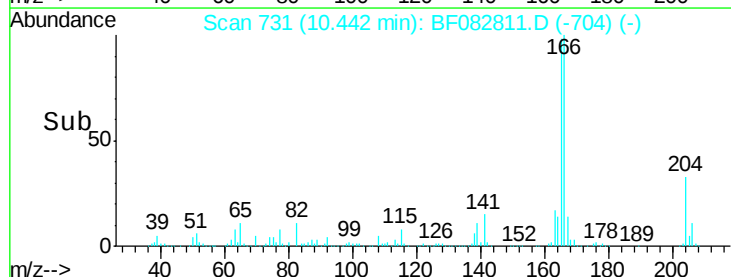
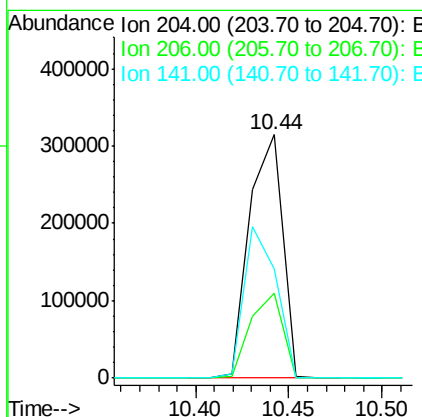
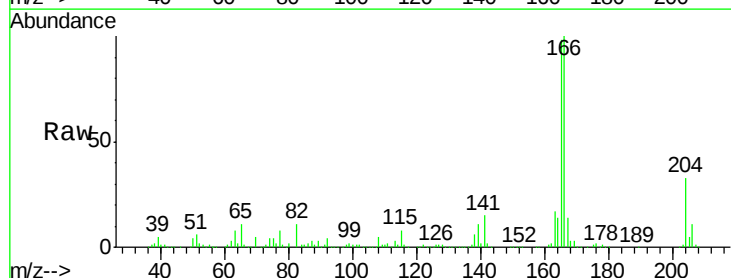
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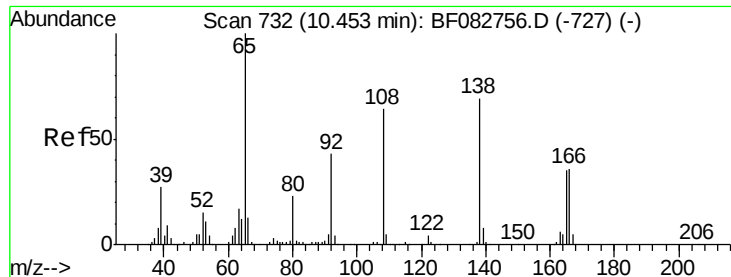
Mmdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 26.21 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	387390		
206	34.6		28.5	42.7
141	44.8		44.6	66.8





#61

4-Nitroaniline

Concen: 25.75 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

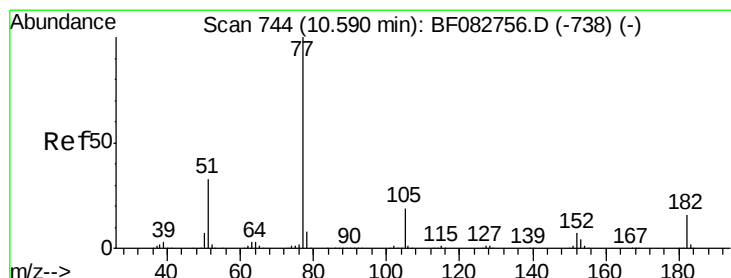
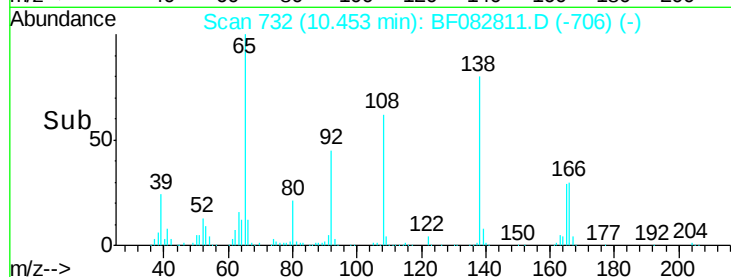
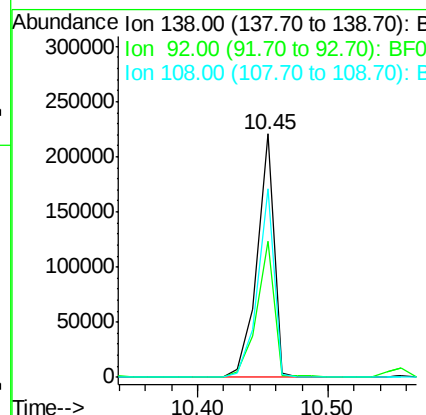
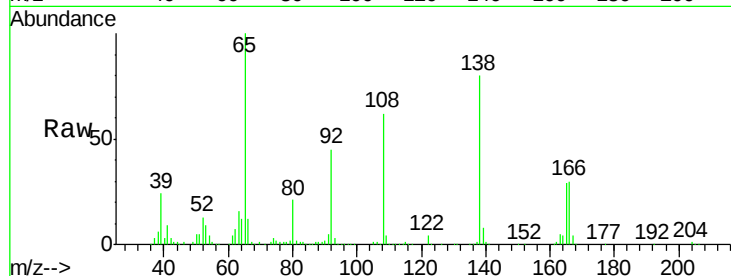
ClientSampleId :

T-14CMSD

Tot Ion:	138	Resp:	202552
Ion Ratio	Lower	Upper	
138	100		
92	55.6	45.8	85.8
108	77.3	89.4	129.4#

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#62

Azobenzene

Concen: 27.77 ng

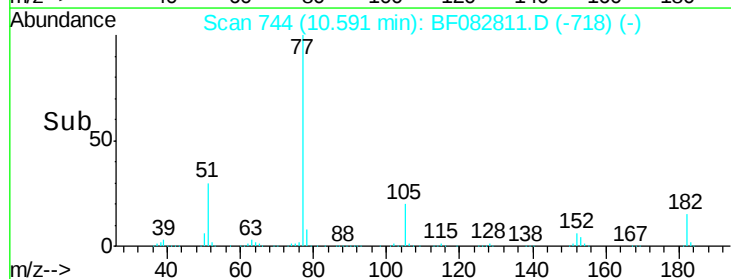
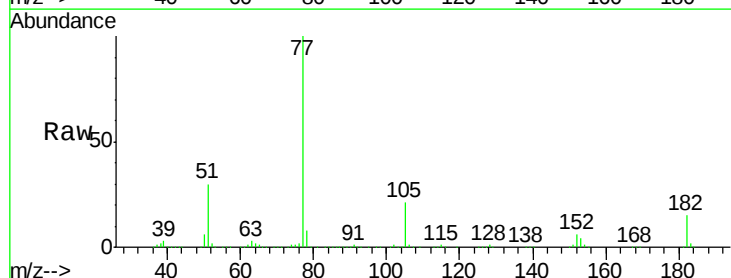
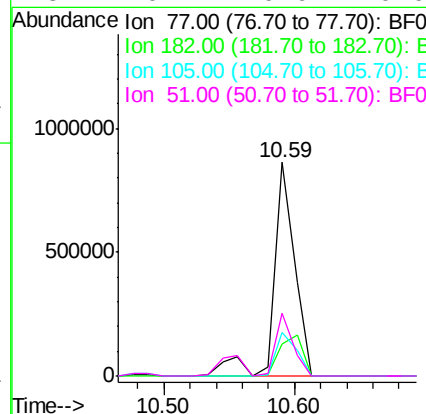
RT: 10.59 min Scan# 744

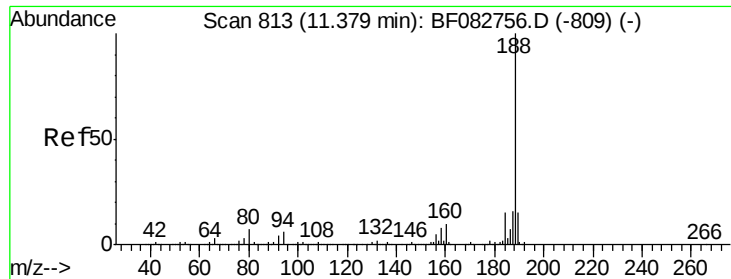
Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	77	Resp:	970825
Ion Ratio	Lower	Upper	
77	100		
182	15.2	9.3	49.3
105	20.5	2.6	42.6
51	29.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

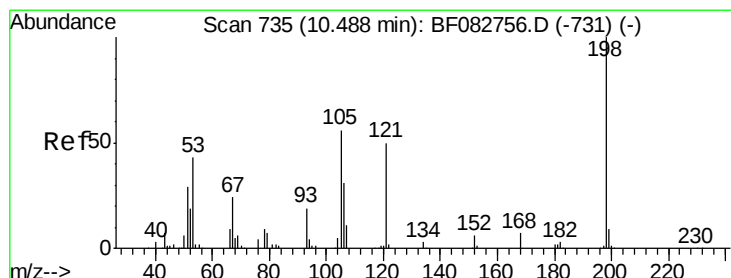
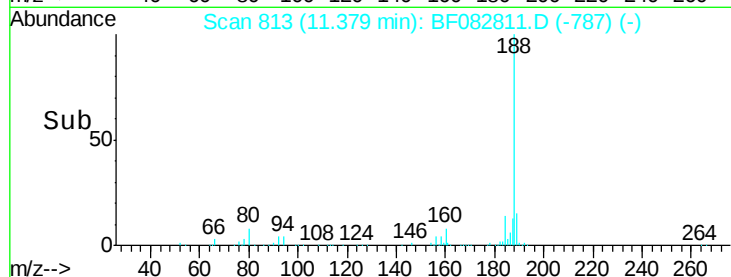
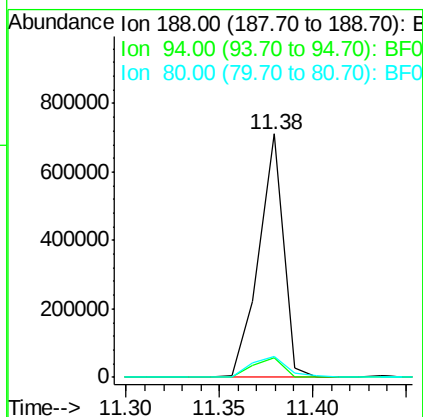
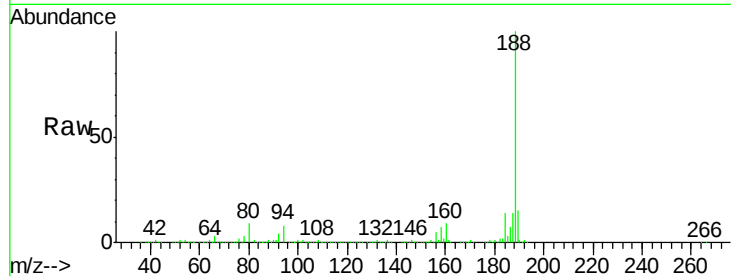
ClientSampleId :

T-14CMSD

Tot Ion:	188	Resp:	660994
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.1	9.1
80	8.8	7.0	10.6

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#64

4,6-Dinitro-2-methylphenol

Concen: 7.02 ng

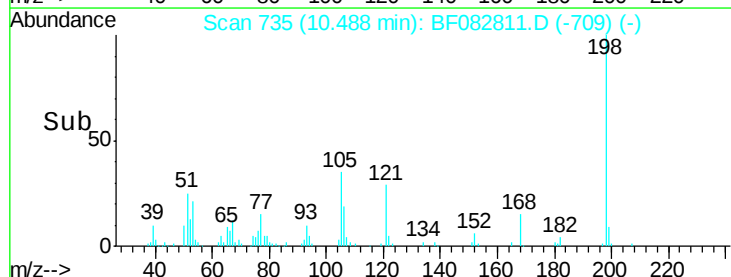
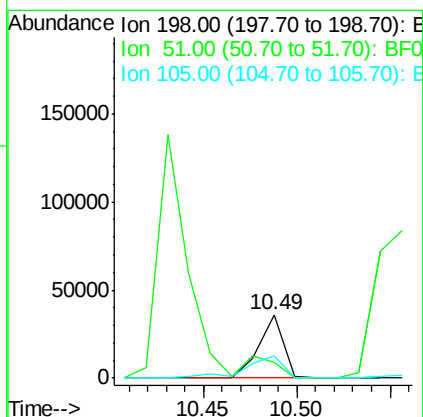
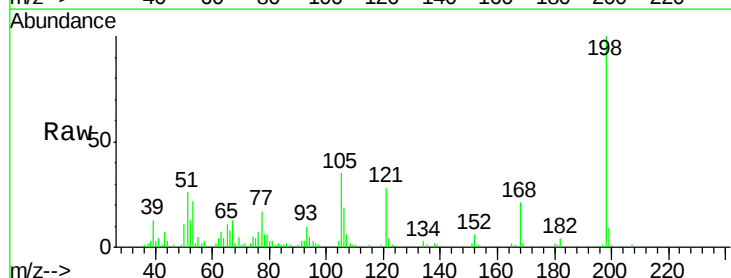
RT: 10.49 min Scan# 735

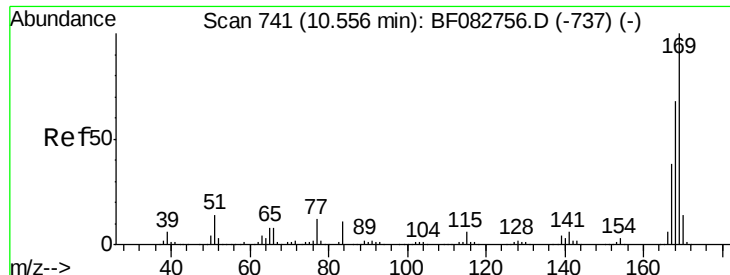
Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	198	Resp:	33055
Ion Ratio	Lower	Upper	
198	100		
51	25.5	17.3	57.3
105	35.0	21.7	61.7





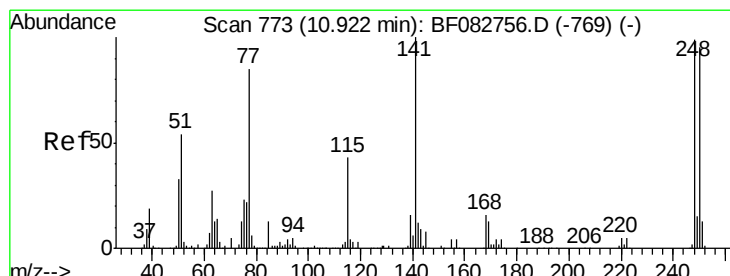
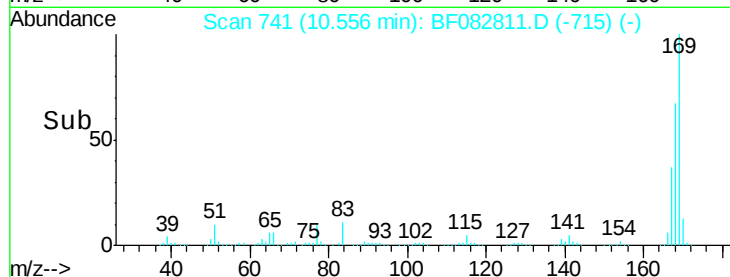
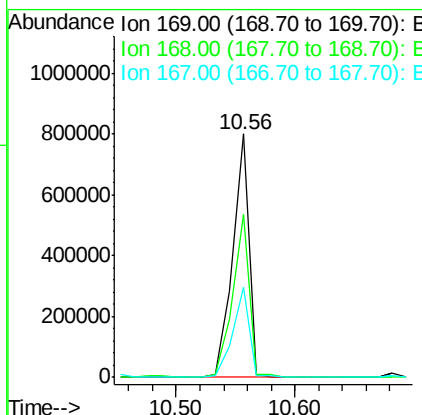
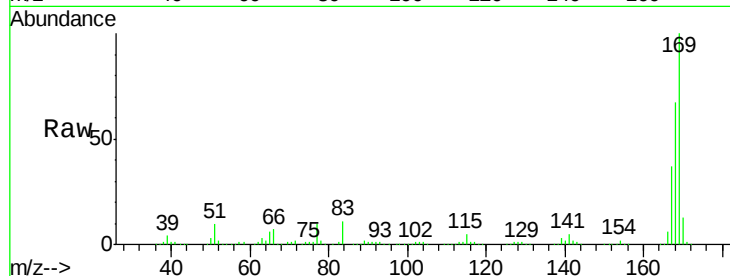
#65
 n-Nitrosodiphenylamine
 Concen: 31.86 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		760710		
168	67.1	55.0	82.6		
167	37.1	30.5	45.7		

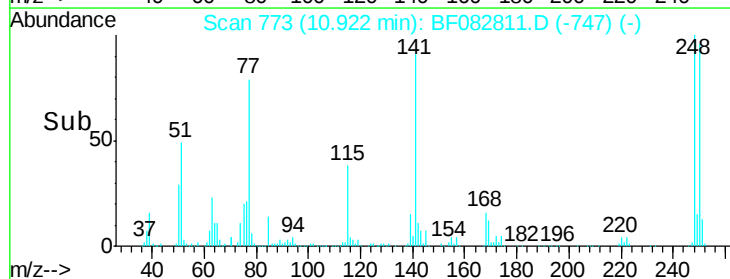
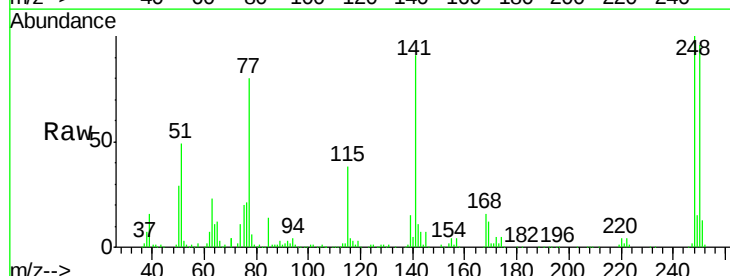
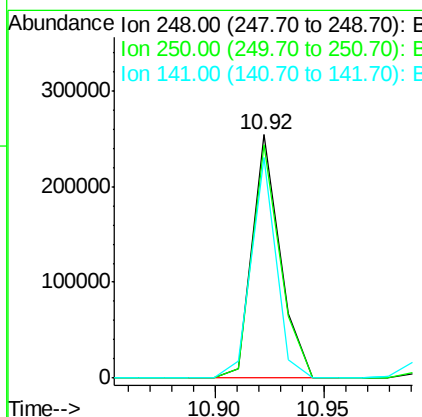
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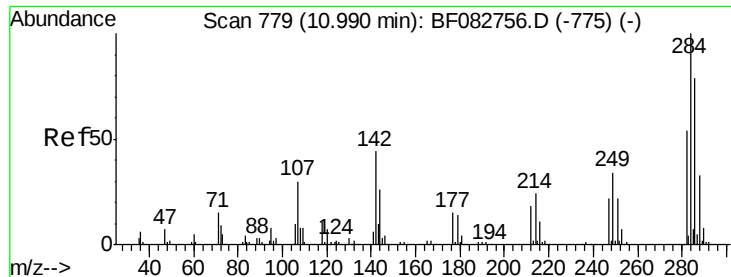
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#66
 4-Bromophenyl-phenylether
 Concen: 28.66 ng
 RT: 10.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		228100		
250	95.8	79.4	119.2		
141	90.8	36.3	54.5#		





#67

Hexachlorobenzene

Concen: 26.65 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

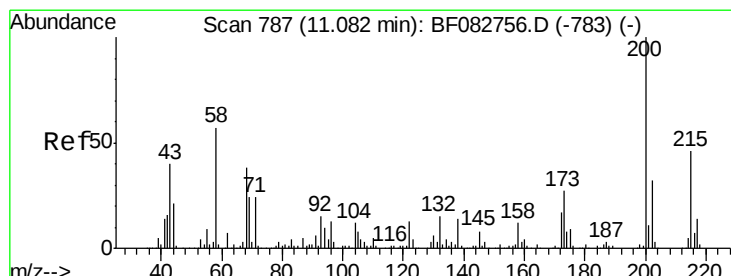
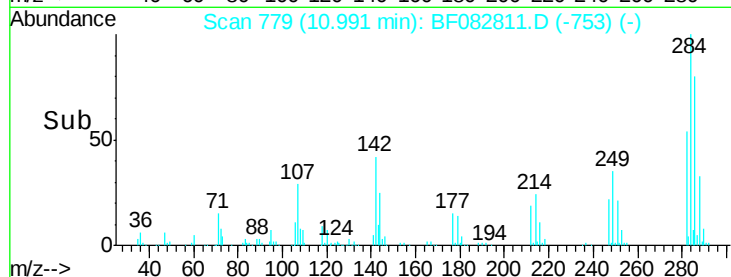
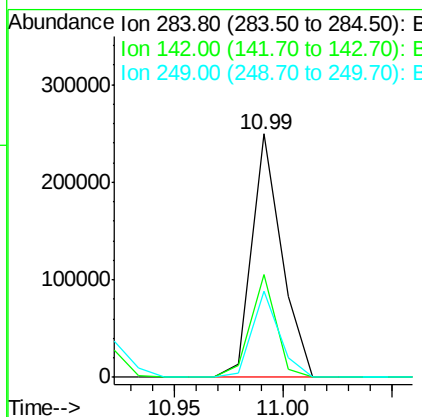
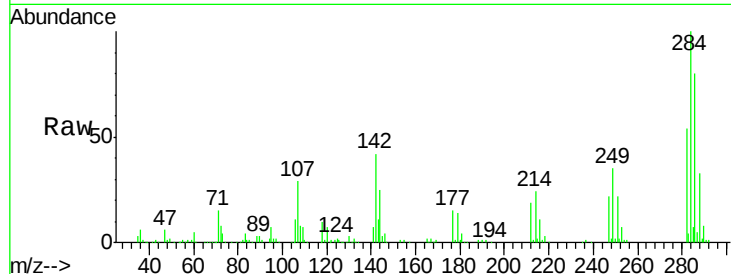
ClientSampleId :

T-14CMSD

Tot Ion:	284	Resp:	236831
Ion Ratio	Lower	Upper	
284	100		
142	42.4	47.9	71.9#
249	35.3	29.7	44.5

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#68

Atrazine

Concen: 29.62 ng

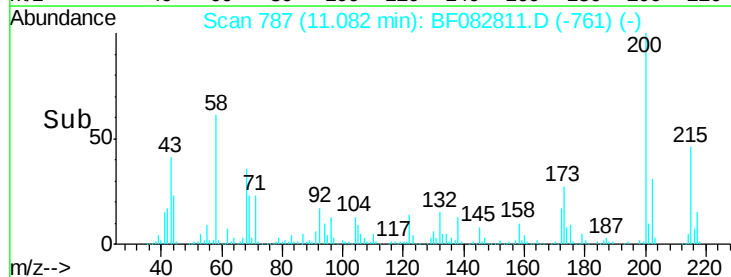
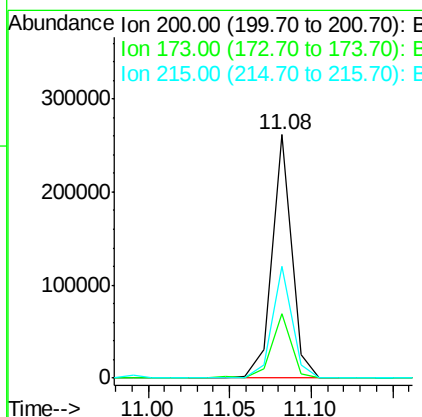
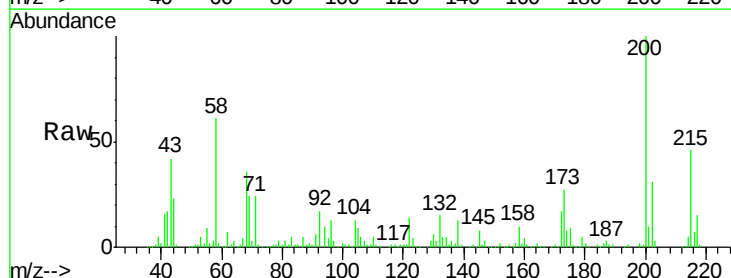
RT: 11.08 min Scan# 787

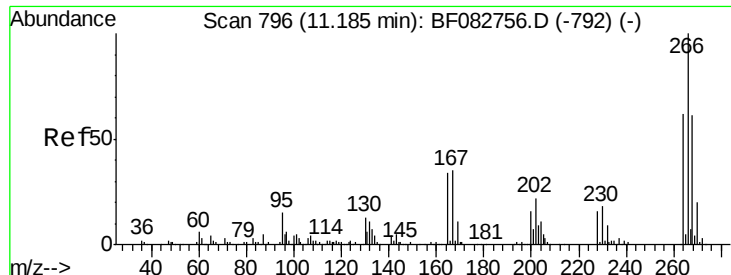
Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	200	Resp:	218703
Ion Ratio	Lower	Upper	
200	100		
173	26.5	6.9	46.9
215	45.9	22.9	62.9





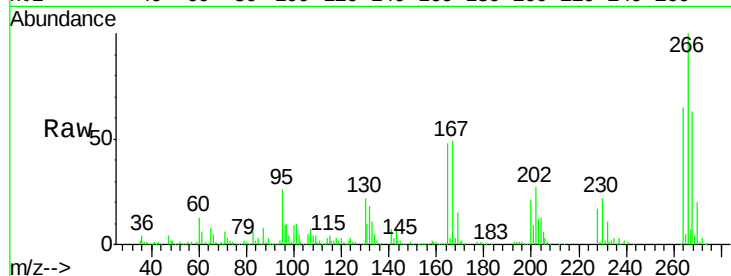
#69
 Pentachlorophenol
 Concen: 45.78 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

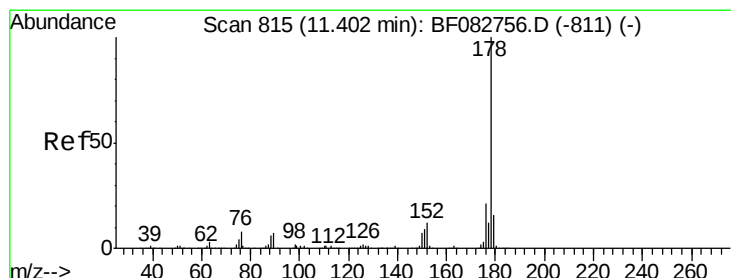
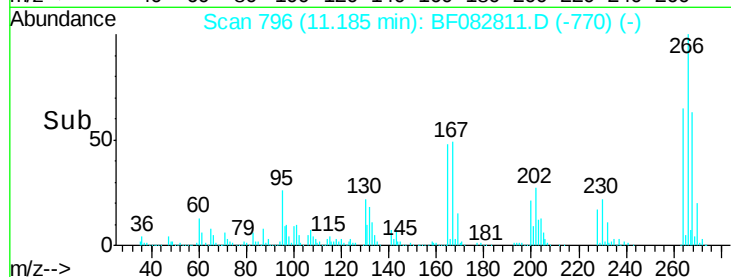
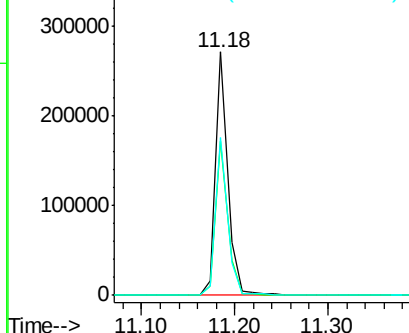
Tot Ion	Ratio	Resp	Lower	Upper
266	100	247045		
268	63.3	51.0	76.6	
264	65.0	50.6	75.8	

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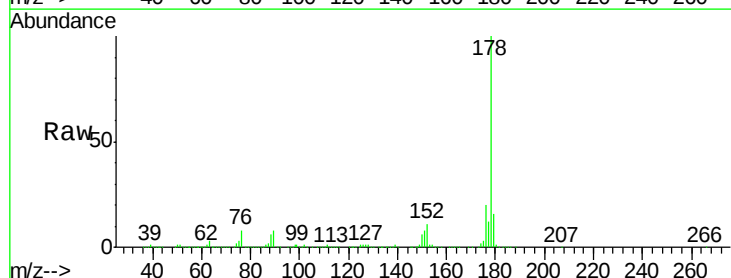


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

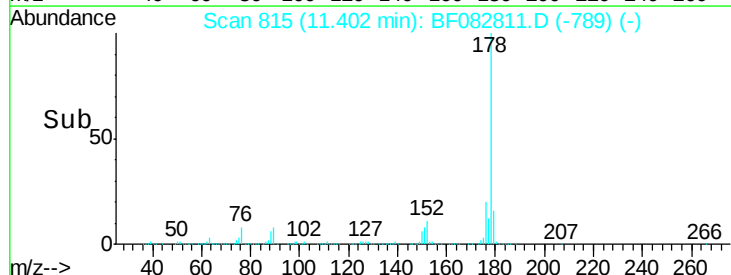
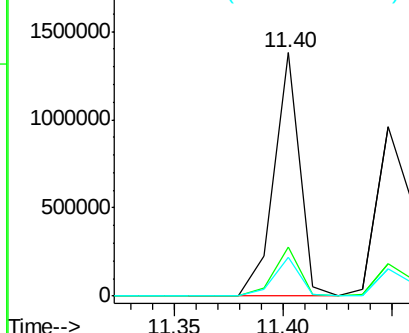


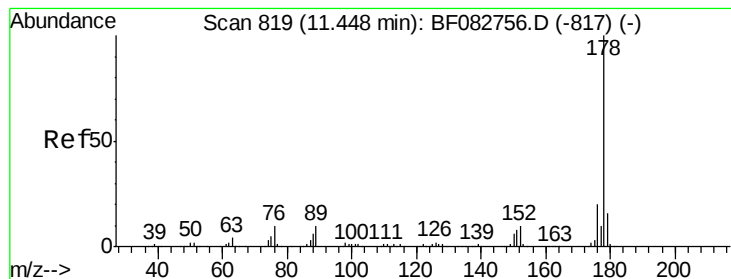
#70
 Phenanthrene
 Concen: 29.74 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1141527		
176	20.3	17.0	25.4	
179	15.9	13.4	20.0	



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





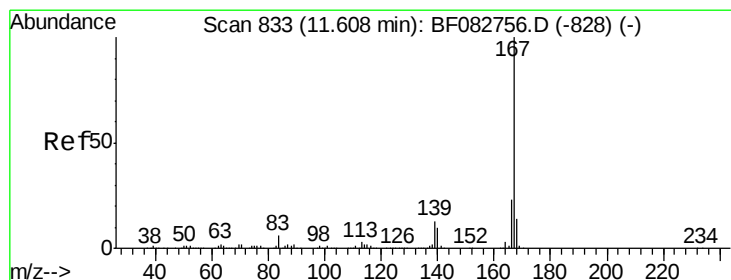
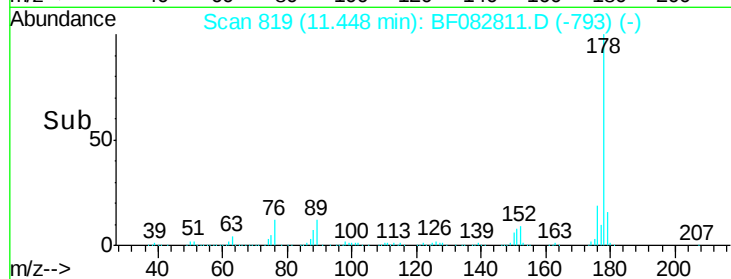
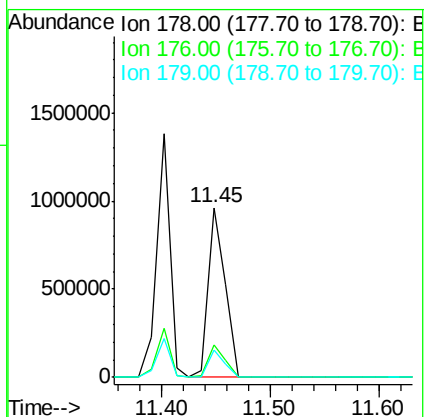
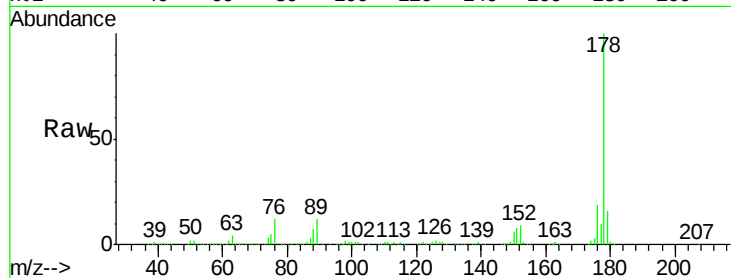
#71
 Anthracene
 Concen: 26.00 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.5	24.7
179	16.5	13.2	19.8

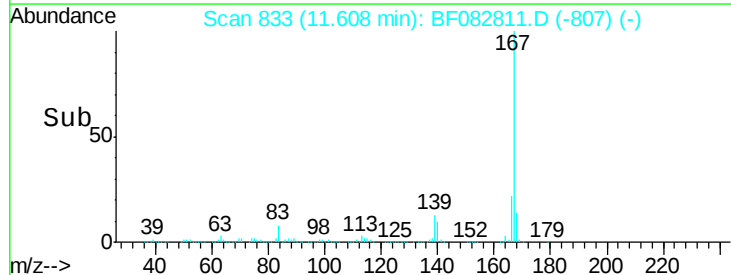
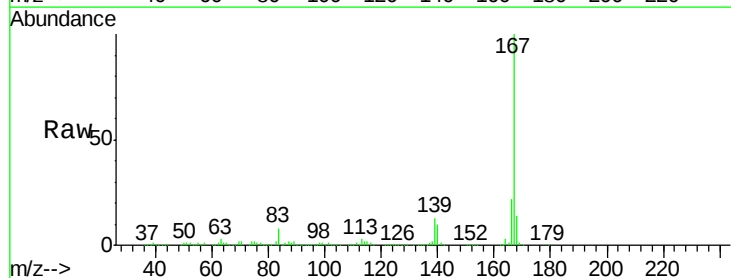
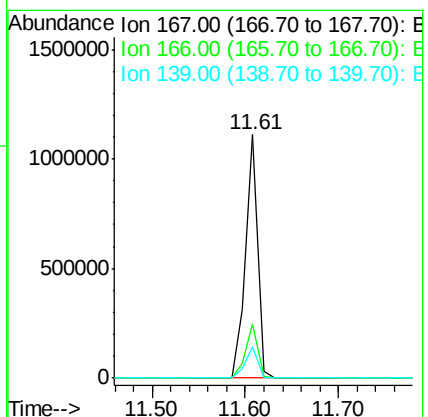
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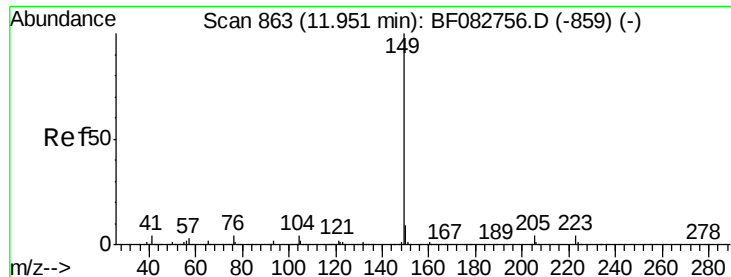
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#72
 Carbazole
 Concen: 28.36 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.7	28.1
139	12.9	11.8	17.6





#73

Di-n-butylphthalate

Concen: 27.41 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

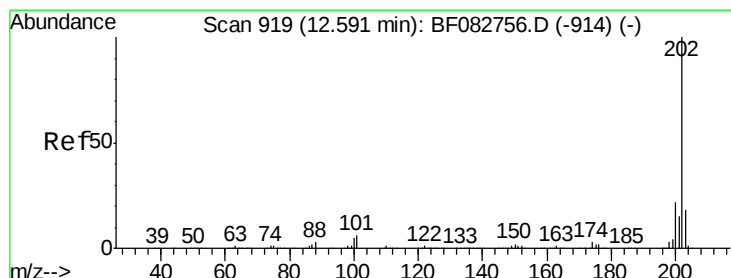
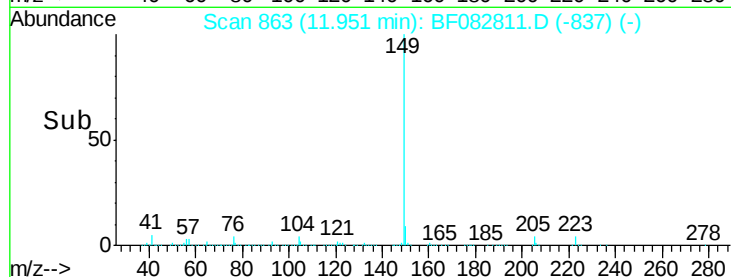
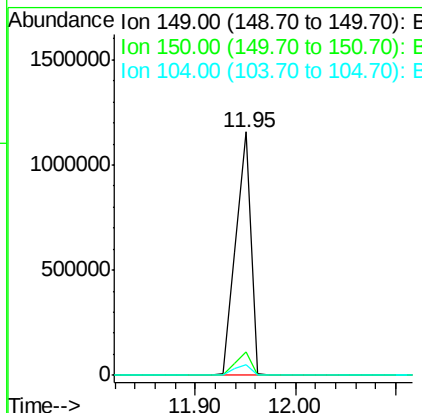
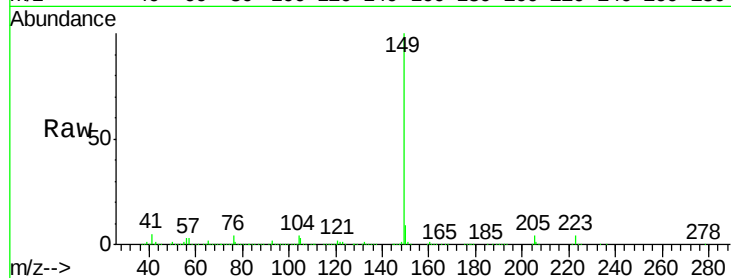
ClientSampleId :

T-14CMSD

Tot Ion:	149	Resp:	1208784
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.1	12.1
104	4.3	5.2	7.8

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#74

Fluoranthene

Concen: 25.65 ng

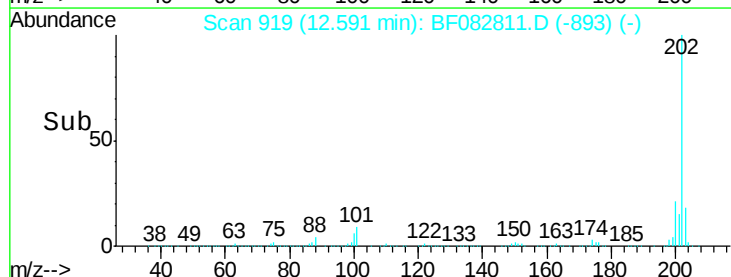
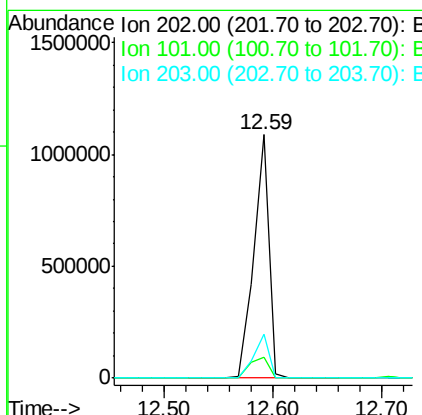
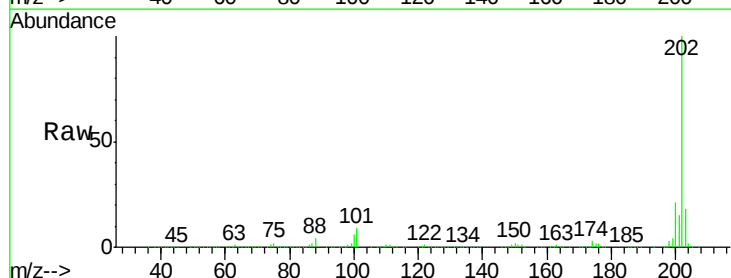
RT: 12.59 min Scan# 919

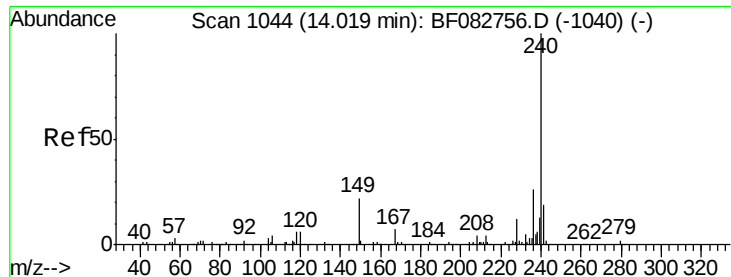
Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	202	Resp:	1056713
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	30.5
203	18.1	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

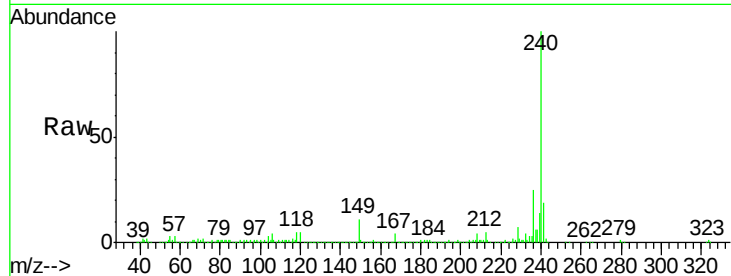
ClientSampleId :

T-14CMSD

Tot Ion:	240	Resp:	421281
Ion Ratio		Lower	Upper
240	100		
120	5.2	10.9	16.3#
236	25.4	21.6	32.4

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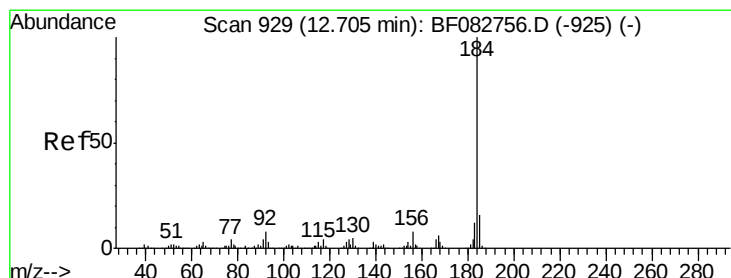
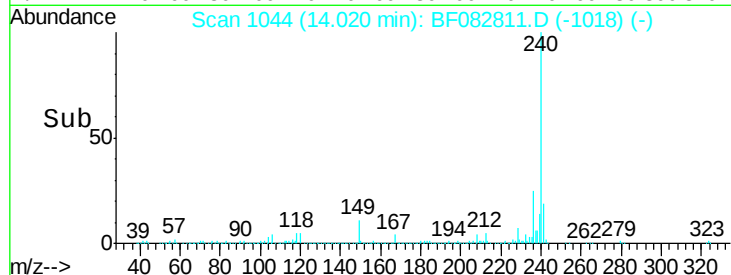
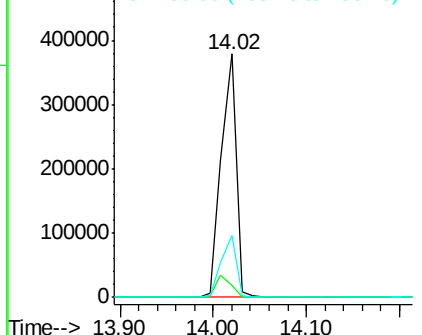
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.60 ng

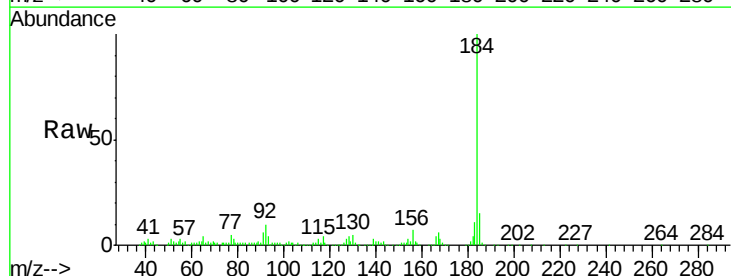
RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

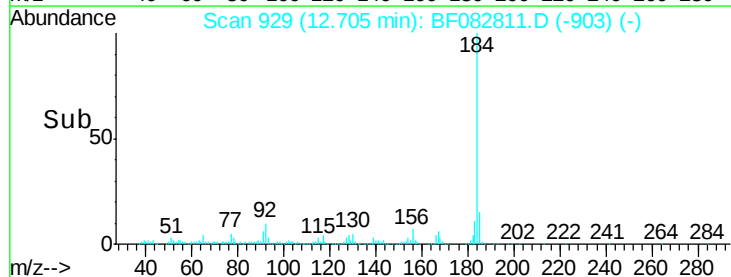
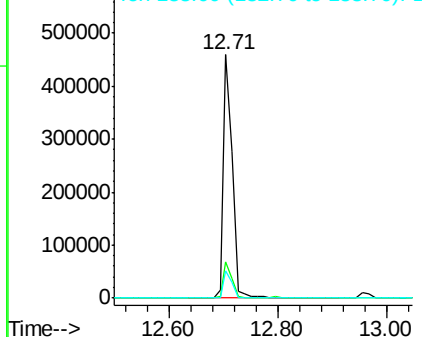
Tgt Ion:	184	Resp:	545023
Ion Ratio		Lower	Upper
184	100		
185	14.8	12.0	18.0
183	11.2	9.6	14.4

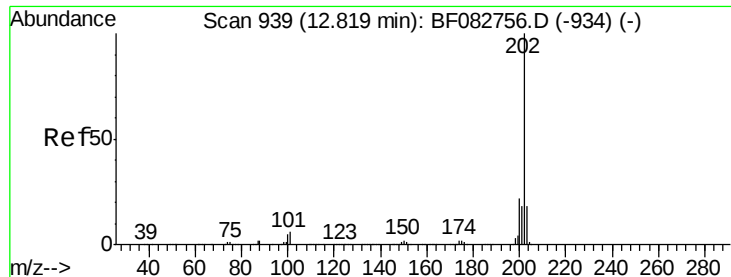


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





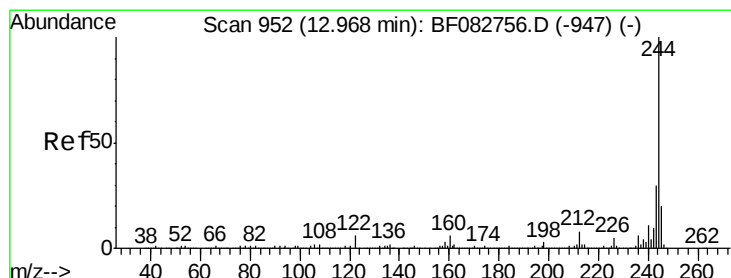
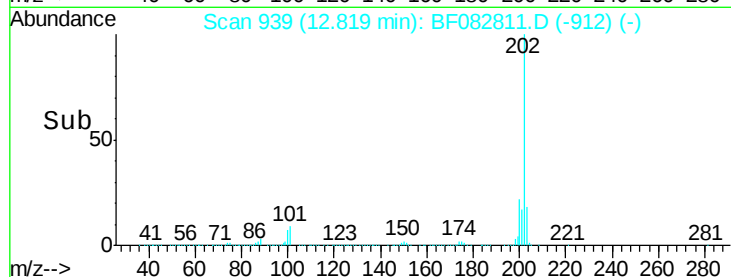
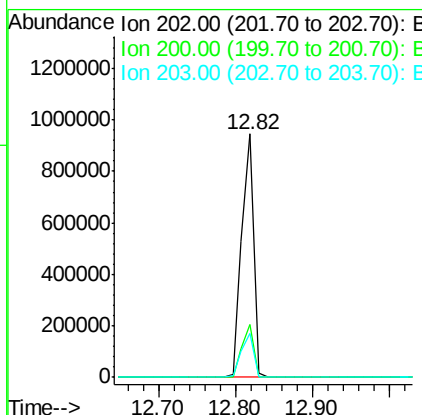
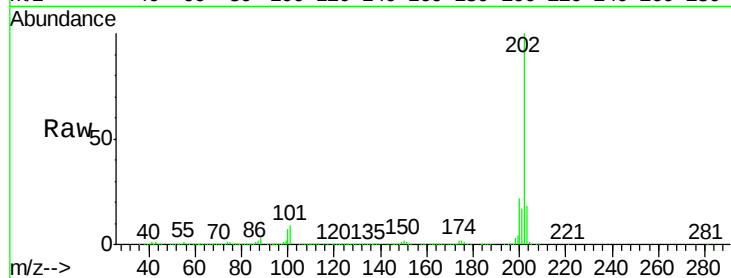
#77
Pvrene
Concen: 35.92 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.7	28.1
203	18.0	14.8	22.2

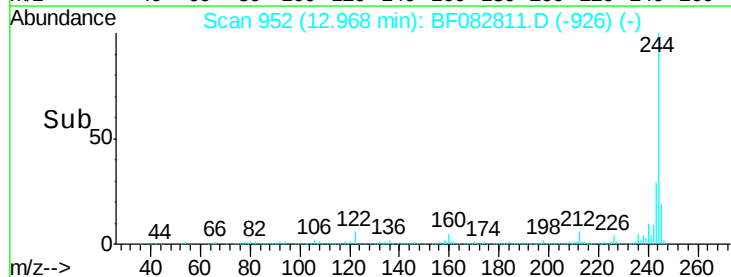
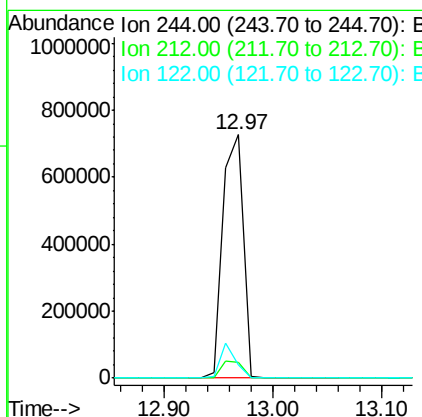
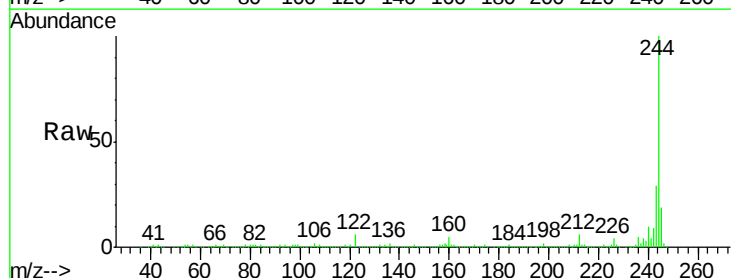
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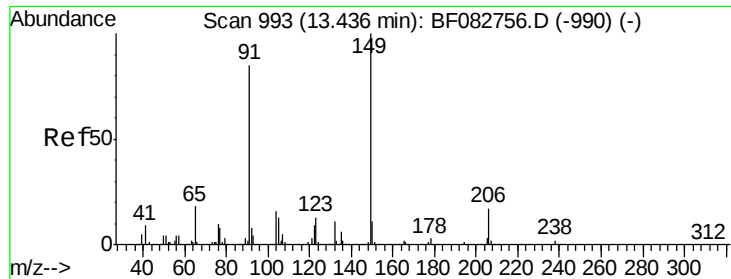
Mmdadoda
11/9/2015 2:08:34 PM



#78
Terphenyl-d14
Concen: 53.35 ng
RT: 12.97 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	7.6	11.4#
122	5.7	11.3	16.9#





#79

Butylbenzylphthalate

Concen: 28.84 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

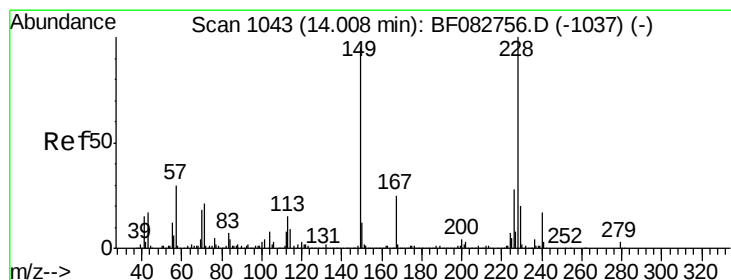
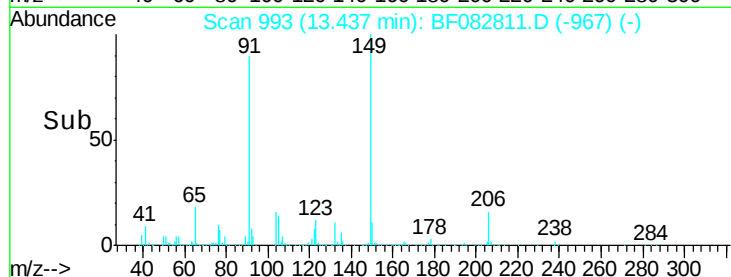
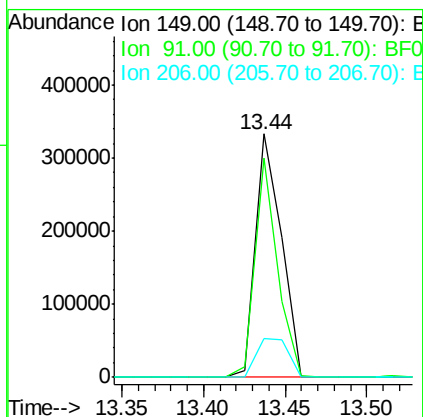
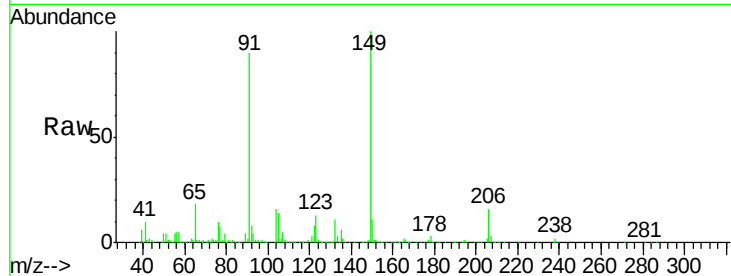
ClientSampleId :

T-14CMSD

Tot Ion:	149	Resp:	368597
Ion Ratio	Lower	Upper	
149	100		
91	90.2	67.7	101.5
206	16.2	14.6	22.0

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#80

Benzo(a)anthracene

Concen: 29.53 ng

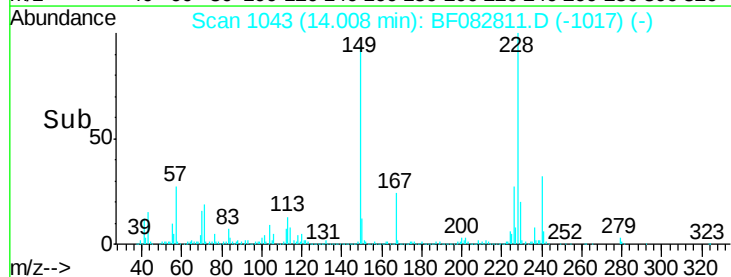
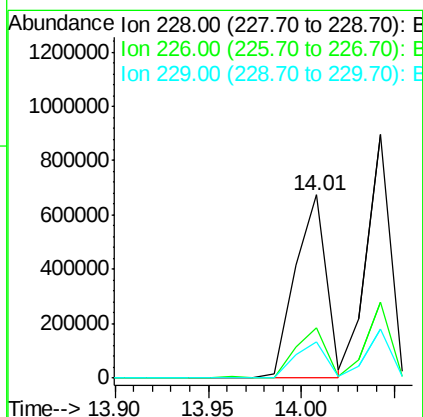
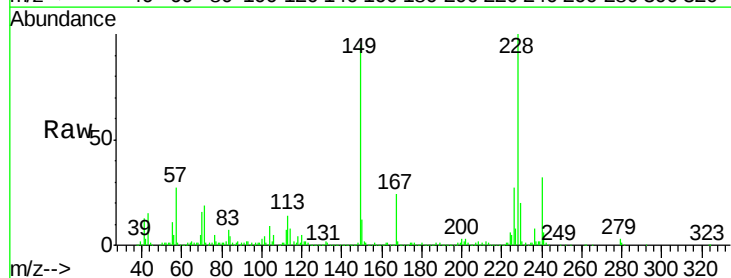
RT: 14.01 min Scan# 1043

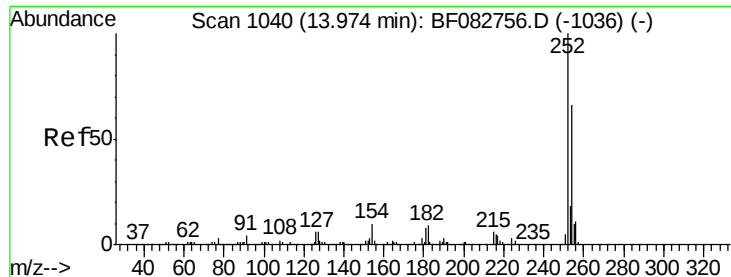
Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	228	Resp:	778035
Ion Ratio	Lower	Upper	
228	100		
226	27.2	23.4	35.2
229	19.6	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 27.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

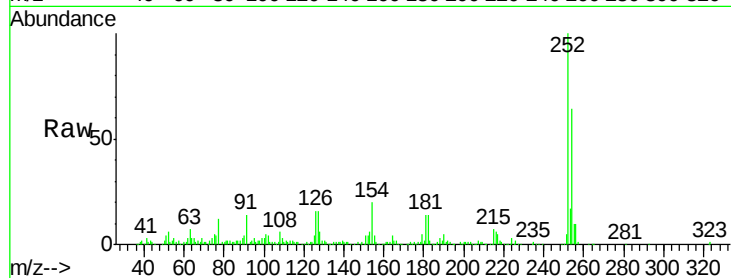
ClientSampled :

T-14CMSD

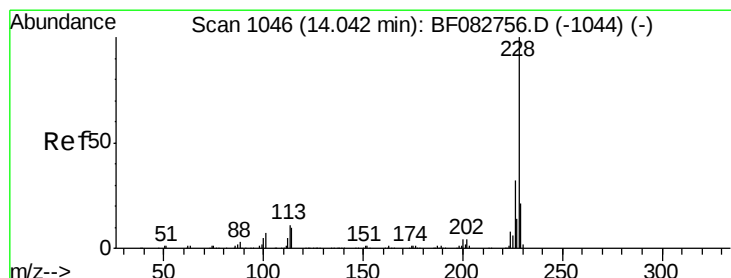
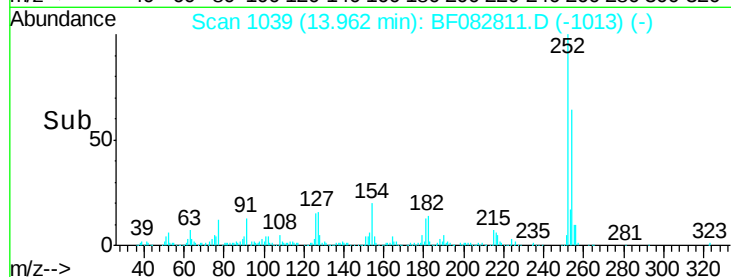
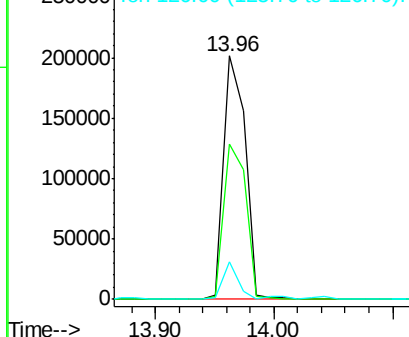
Tot Ion:	252	Resp:	252919
Ion Ratio	Lower	Upper	
252	100		
254	64.0	51.4	77.0
126	15.6	10.7	16.1

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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: 32.64 ng

RT: 14.04 min Scan# 1046

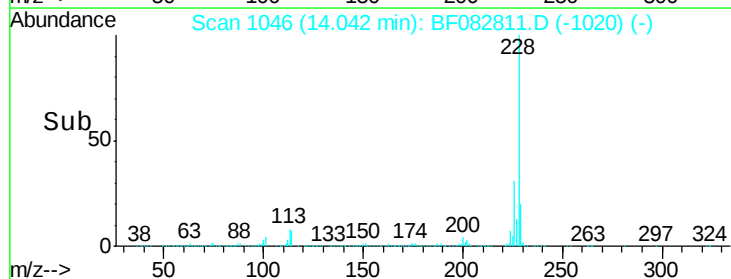
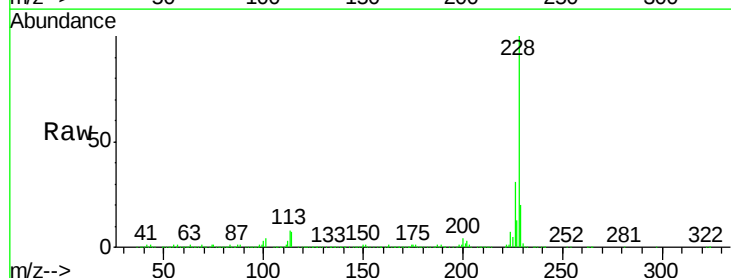
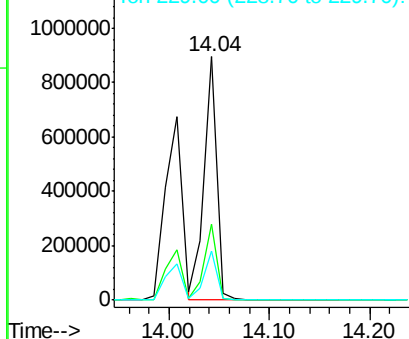
Delta R.T. 0.00 min

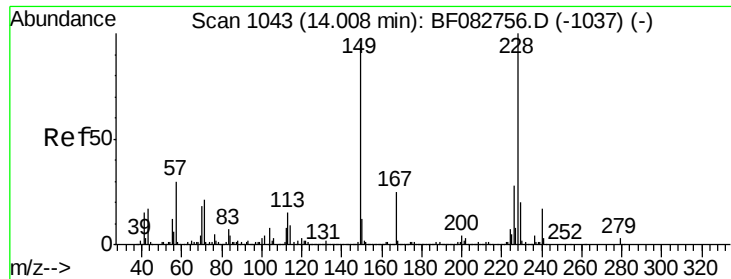
Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	228	Resp:	787631
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.5	38.3
229	20.2	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





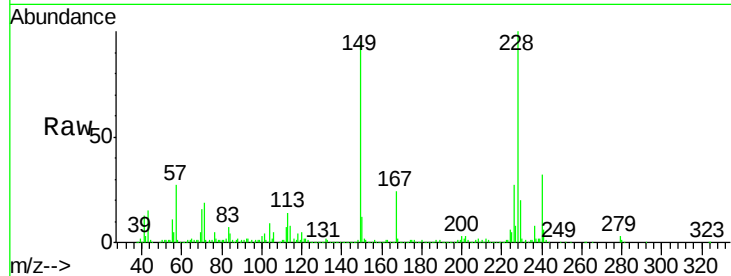
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.23 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

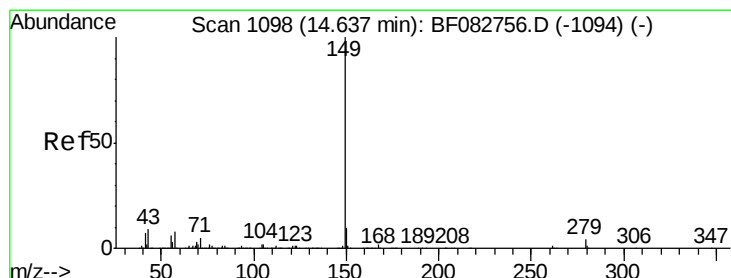
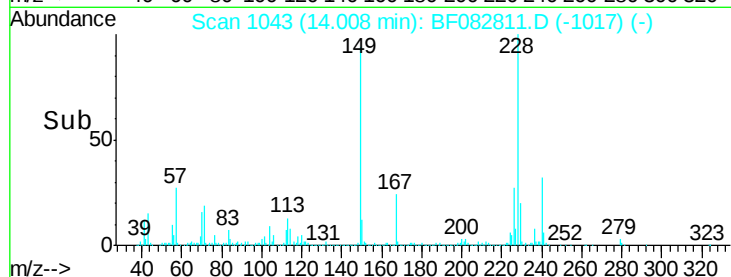
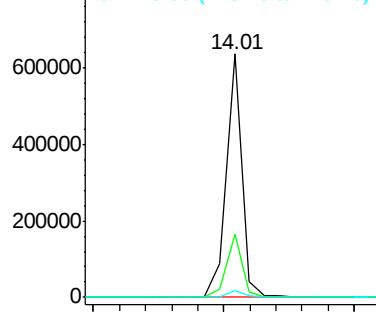
Tot Ion	Ratio	Resp	Lower	Upper
149	100	528768		
167	25.8	21.2	31.8	
279	2.8	2.2	3.2	

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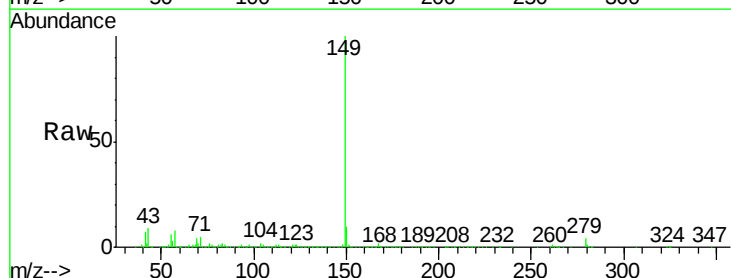


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

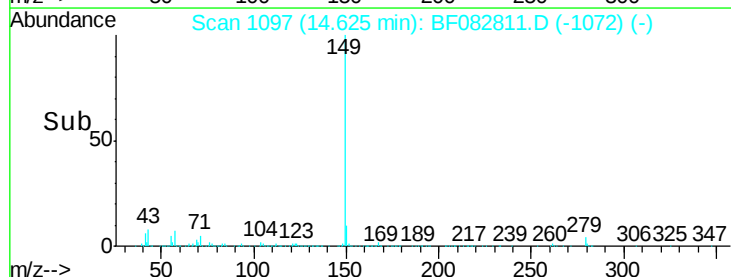
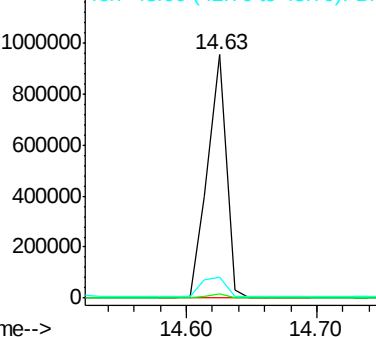


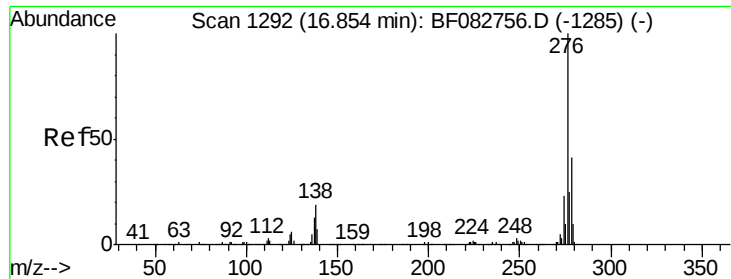
#84
 Di-n-octyl phthalate
 Concen: 32.74 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	955358		
167	1.9	1.3	1.9#	
43	10.8	10.1	15.1	



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.80 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

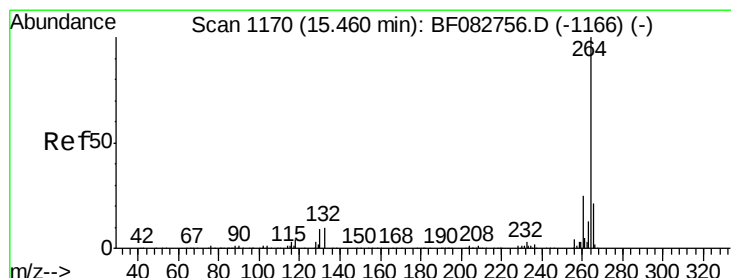
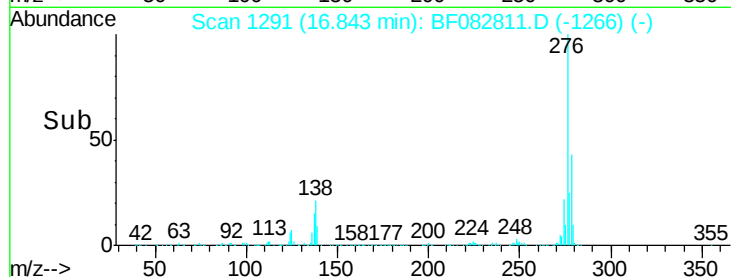
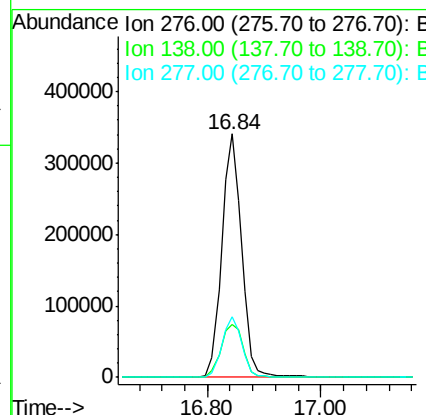
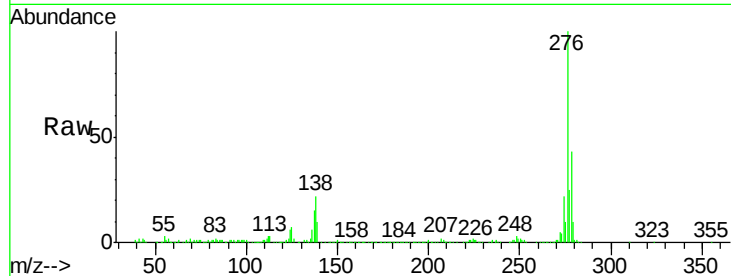
ClientSampleId :

T-14CMSD

Tot Ion:	276	Resp:	827146
Ion Ratio		Lower	Upper
276	100		
138	25.3	15.3	22.9#
277	25.3	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

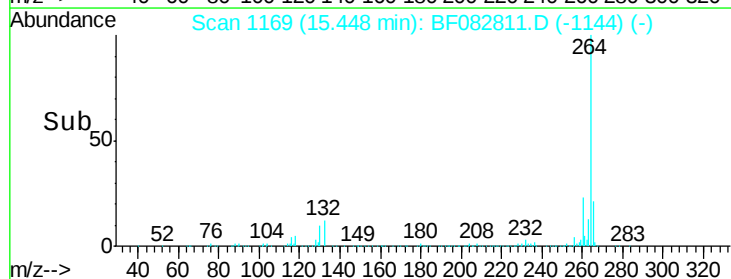
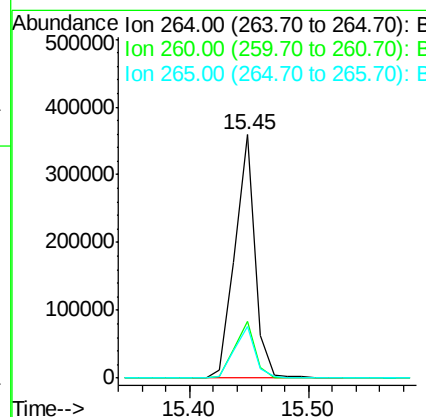
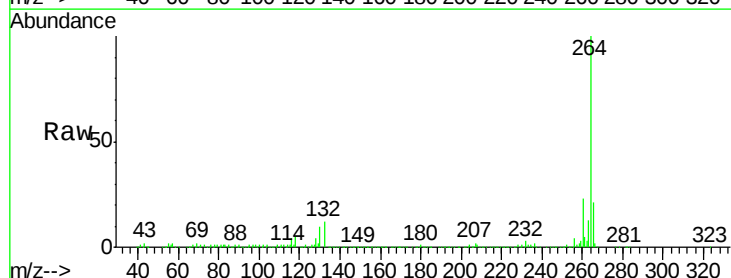
RT: 15.45 min Scan# 1169

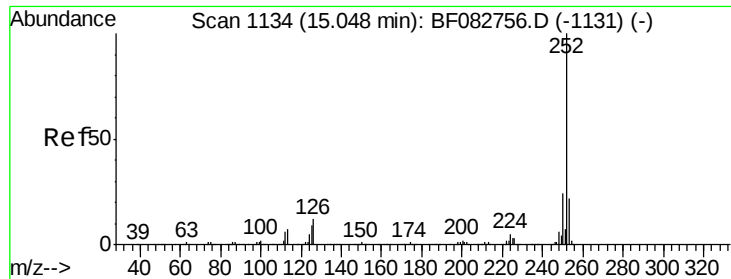
Delta R.T. -0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	264	Resp:	423460
Ion Ratio		Lower	Upper
264	100		
260	23.4	19.8	29.6
265	21.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 26.34 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

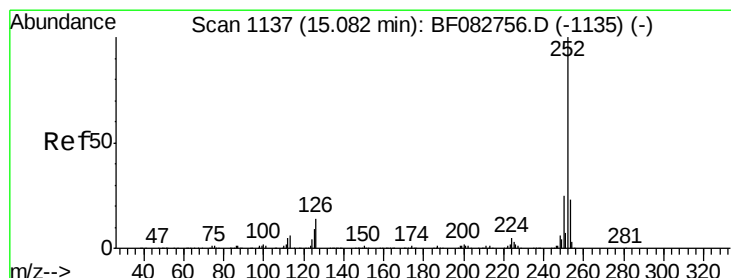
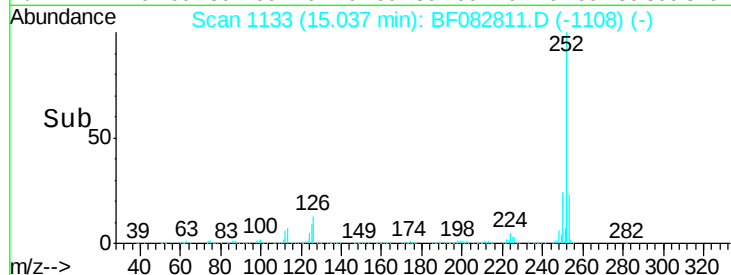
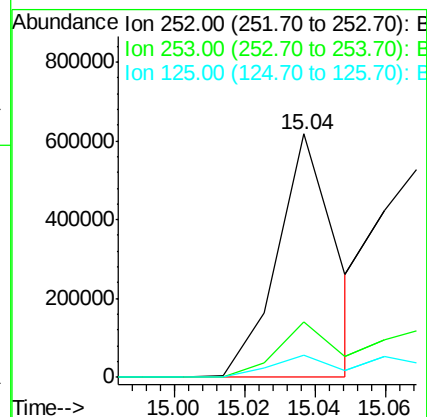
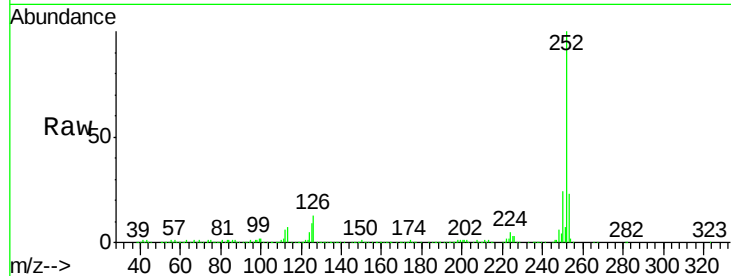
ClientSampleId :

T-14CMSD

Tot Ion:	252	Resp:	715912
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	9.2	5.4	8.2#

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#88

Benzo(k)fluoranthene

Concen: 29.82 ng m

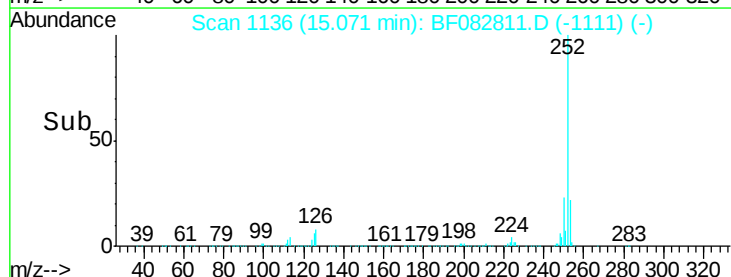
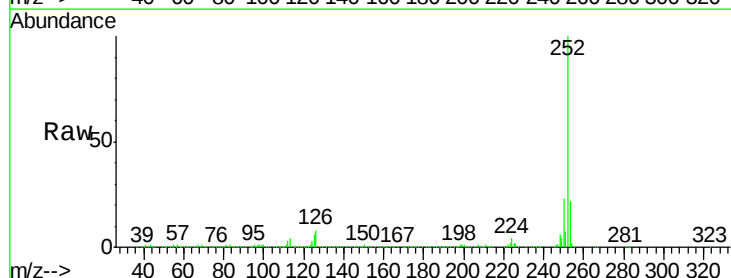
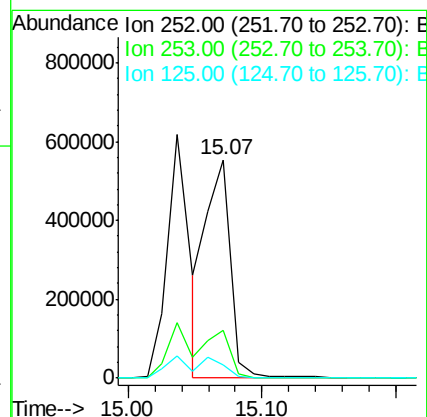
RT: 15.07 min Scan# 1136

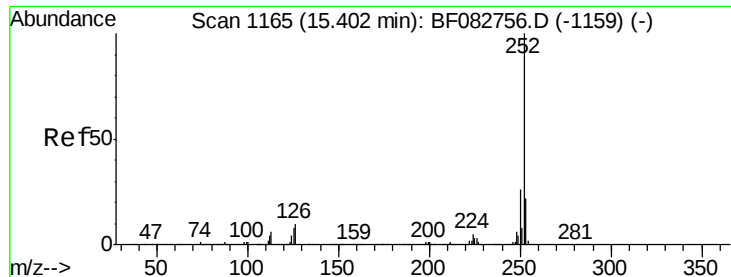
Delta R.T. -0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	252	Resp:	718965
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	5.8	3.5	5.3#





#89

Benzo(a)pyrene

Concen: 28.99 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

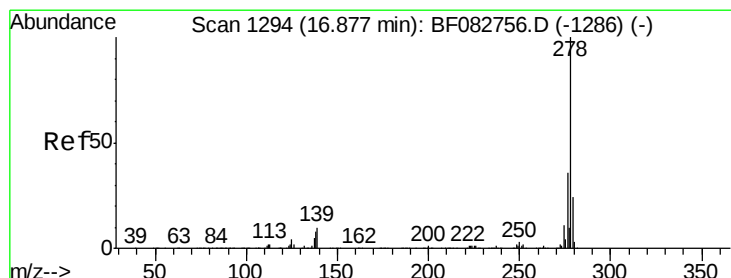
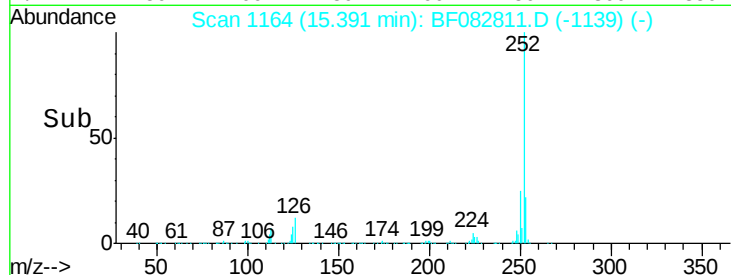
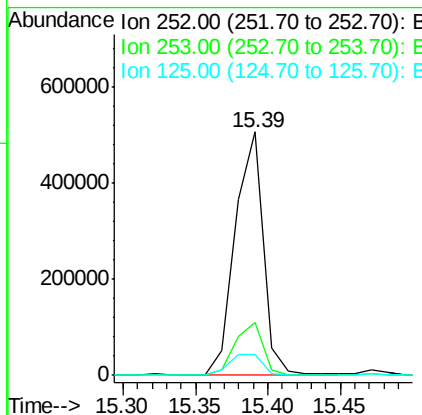
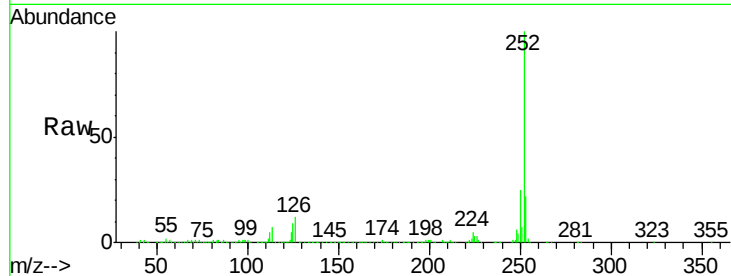
ClientSampleId :

T-14CMSD

Tot Ion:	252	Resp:	682590
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	8.6	7.1	10.7

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 35.39 ng

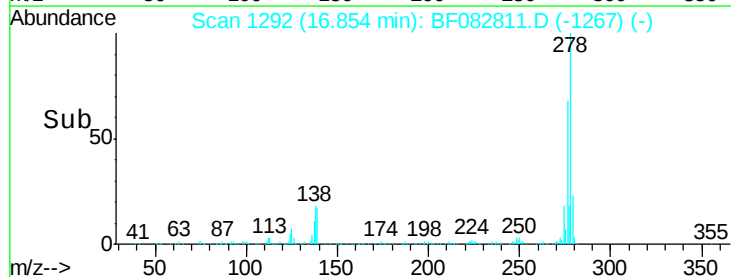
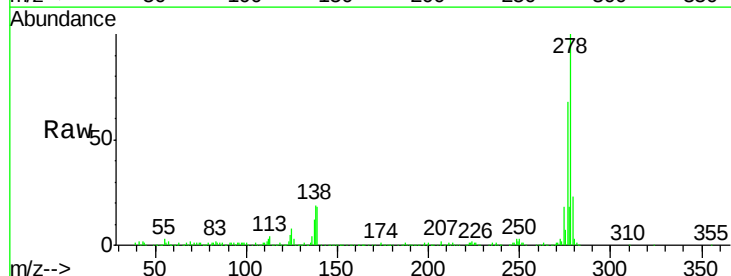
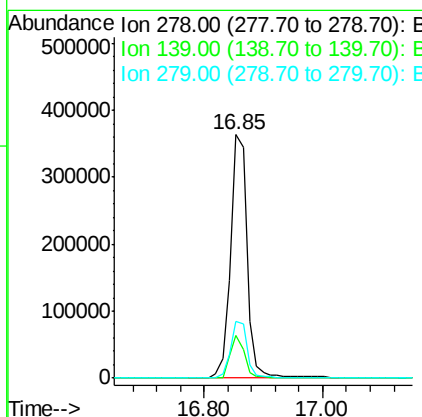
RT: 16.85 min Scan# 1292

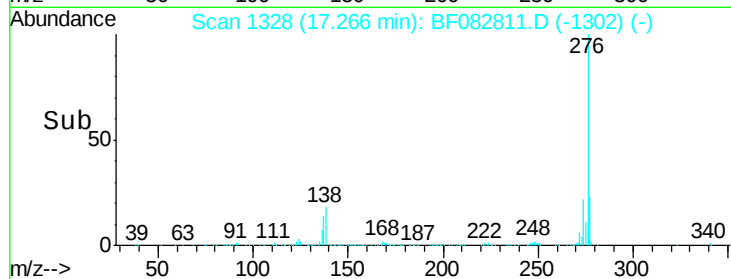
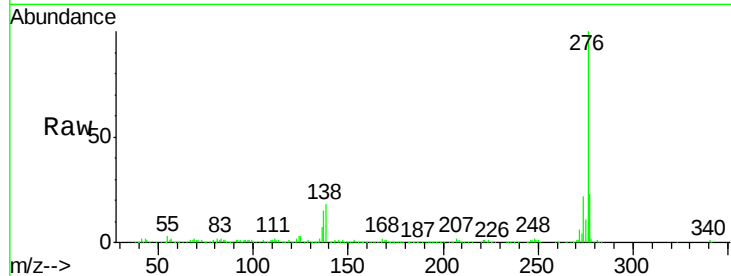
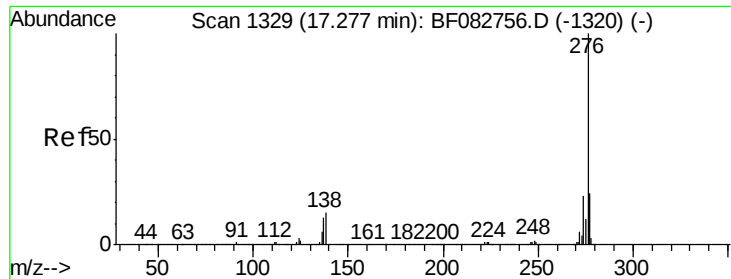
Delta R.T. -0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:	278	Resp:	705687
Ion Ratio	Lower	Upper	
278	100		
139	17.5	9.9	14.9#
279	23.3	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 35.04 ng

RT: 17.27 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

Tot Ion:	276	Resp:	669214
Ion Ratio		Lower	Upper
276	100		
277	23.0	19.2	28.8
138	18.3	13.1	19.7

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:34 PM

