

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082215.D
 Acq On : 11 Oct 2015 10:38
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:40:01 PM

Quant Time: Oct 12 04:56:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	122912m	20.00	ng	0.01
21) Naphthalene-d8	8.13	136	458599	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	199595	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	328944	20.00	ng	0.00
75) Chrysene-d12	14.01	240	286326	20.00	ng	0.00
86) Perylene-d12	15.45	264	260356	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	484621	79.58	ng	0.00
7) Phenol-d6	6.48	99	612775	77.32	ng	0.00
23) Nitrobenzene-d5	7.42	82	530228	77.64	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	124624	66.58	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1036620	86.13	ng	0.00
78) Terphenyl-d14	12.96	244	831231	76.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	117125	38.28	ng	99
3) Pyridine	3.14	79	318544	44.76	ng	98
4) n-Nitrosodimethylamine	3.11	42	127789	42.34	ng	98
6) Aniline	6.50	93	407795m	39.91	ng	
8) 2-Chlorophenol	6.63	128	292569	39.35	ng	92
9) Benzaldehyde	6.39	77	170122	42.03	ng	97
10) Phenol	6.50	94	325984m	35.68	ng	
11) bis(2-Chloroethyl)ether	6.58	93	279284	36.14	ng	94
12) 1,3-Dichlorobenzene	6.78	146	322934m	37.30	ng	
13) 1,4-Dichlorobenzene	6.86	146	330647m	36.57	ng	
14) 1,2-Dichlorobenzene	7.02	146	326367	38.01	ng	# 93
15) Benzyl Alcohol	6.99	79	221702	40.52	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	389215	36.17	ng	95
17) 2-Methylphenol	7.11	107	227972	38.78	ng	99
18) Hexachloroethane	7.35	117	101260	32.72	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	71568	12.86	ng	# 79
20) 3+4-Methylphenols	7.27	107	261846	37.38	ng	# 83
22) Acetophenone	7.26	105	346762	38.22	ng	99
24) Nitrobenzene	7.44	77	304997	41.26	ng	# 83
25) Isophorone	7.67	82	524409	38.05	ng	99
26) 2-Nitrophenol	7.75	139	140067	37.95	ng	94
27) 2,4-Dimethylphenol	7.79	122	251934	42.37	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	334425	41.70	ng	99
29) 2,4-Dichlorophenol	7.99	162	225372	37.91	ng	93
30) 1,2,4-Trichlorobenzene	8.07	180	255303	37.26	ng	98
31) Naphthalene	8.15	128	726746	36.56	ng	100
32) Benzoic acid	7.92	122	103168	25.85	ng	97
33) 4-Chloroaniline	8.21	127	313112	37.93	ng	97
34) Hexachlorobutadiene	8.26	225	164612	38.56	ng	96
35) Caprolactam	8.59	113	61419	35.60	ng	# 76
36) 4-Chloro-3-methylphenol	8.70	107	227809	39.19	ng	# 84
37) 2-Methylnaphthalene	8.85	142	535889	38.88	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	240664	40.54	ng	97
40) Hexachlorocyclopentadiene	8.99	237	28254	16.73	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	158224	40.13	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	171407	40.13	ng #	93
45) 1,1'-Biphenyl	9.31	154	637627	41.89	ng	95
46) 2-Chloronaphthalene	9.34	162	493981	41.23	ng	97
47) 2-Nitroaniline	9.44	65	150755	45.83	ng #	69
48) Acenaphthylene	9.75	152	719693	38.56	ng	99
49) Dimethylphthalate	9.61	163	557202	39.64	ng	100
50) 2,6-Dinitrotoluene	9.68	165	115514	38.95	ng #	84
51) Acenaphthene	9.92	154	410961	36.68	ng	98
52) 3-Nitroaniline	9.85	138	143208	42.75	ng	90
53) 2,4-Dinitrophenol	9.95	184	6833	10.19	ng #	41
54) Dibenzofuran	10.09	168	591729	38.46	ng	99
55) 4-Nitrophenol	10.01	139	68038	37.19	ng	89
56) 2,4-Dinitrotoluene	10.08	165	134001	36.15	ng	93
57) Fluorene	10.43	166	467859	37.03	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	126140	36.14	ng	93
59) Diethylphthalate	10.31	149	521526	39.81	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	224073	38.72	ng	99
61) 4-Nitroaniline	10.47	138	138331	42.57	ng	96
62) Azobenzene	10.58	77	466967	36.42	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	15102	8.18	ng	97
65) n-Nitrosodiphenylamine	10.55	169	432015	43.86	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	136252	41.39	ng	97
67) Hexachlorobenzene	10.98	284	149518	42.00	ng	95
68) Atrazine	11.07	200	110123	35.29	ng	99
69) Pentachlorophenol	11.18	266	72948	39.82	ng	97
70) Phenanthrene	11.39	178	614360	38.10	ng	100
71) Anthracene	11.45	178	690807	41.58	ng	100
72) Carbazole	11.61	167	579255	38.22	ng #	97
73) Di-n-butylphthalate	11.93	149	765853	40.96	ng	100
74) Fluoranthene	12.58	202	630886	36.43	ng	99
76) Benzidine	12.71	184	316145	38.10	ng	99
77) Pyrene	12.81	202	628092	36.96	ng	100
79) Butylbenzylphthalate	13.43	149	293184	37.81	ng	99
80) Benzo(a)anthracene	14.00	228	595922	40.00	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	229947	40.66	ng	99
82) Chrysene	14.04	228	593900	37.83	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	439991	39.77	ng	99
84) Di-n-octyl phthalate	14.61	149	735521	38.71	ng	99
85) Indeno(1,2,3-cd)pyrene	16.87	276	512236	41.06	ng	99
87) Benzo(b)fluoranthene	15.04	252	601275	37.96	ng #	96
88) Benzo(k)fluoranthene	15.06	252	490571m	36.85	ng	
89) Benzo(a)pyrene	15.40	252	521482	38.31	ng #	95
90) Dibenzo(a,h)anthracene	16.88	278	426444	38.23	ng	97
91) Benzo(g,h,i)perylene	17.29	276	398309	36.75	ng	98

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

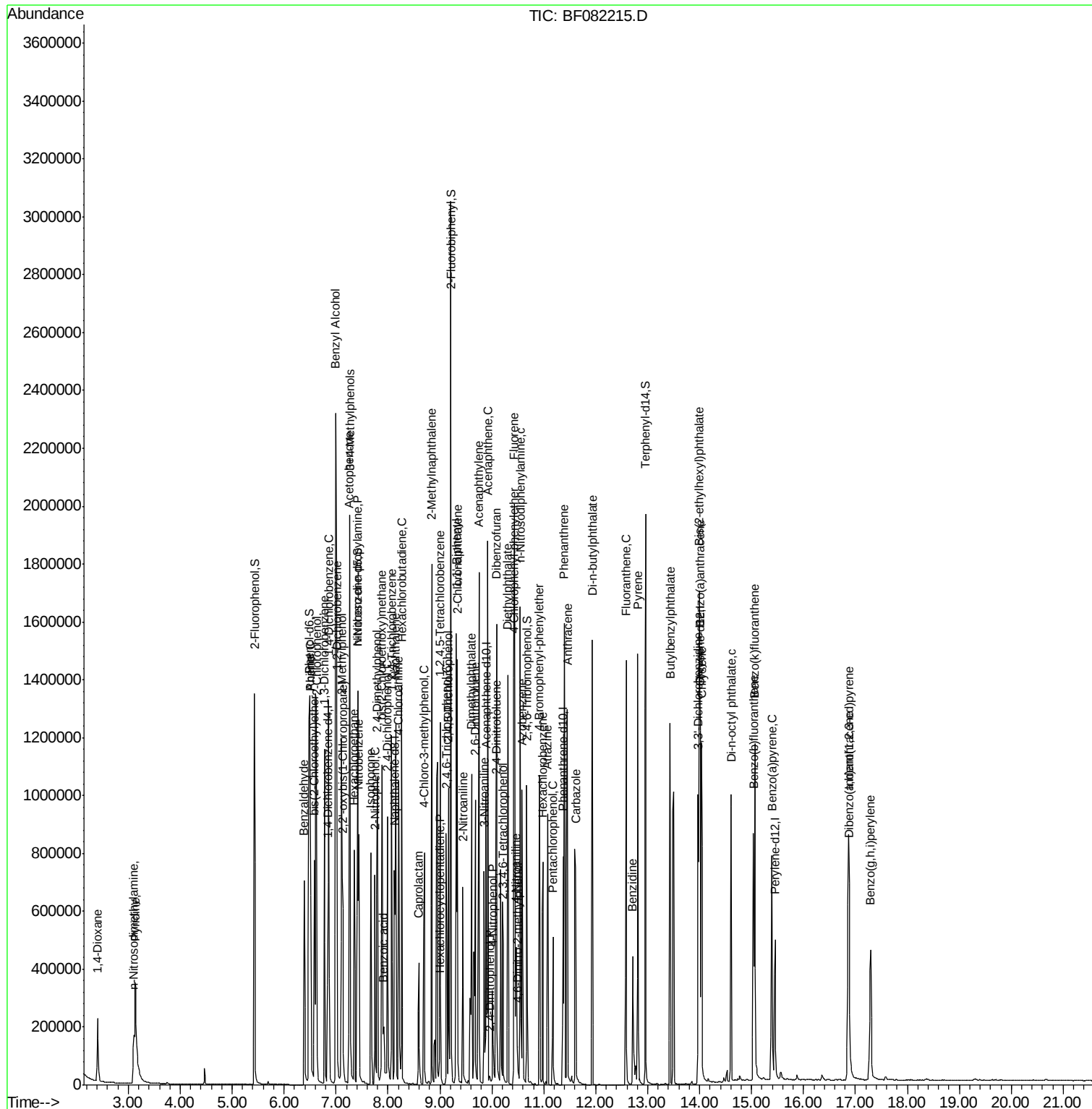
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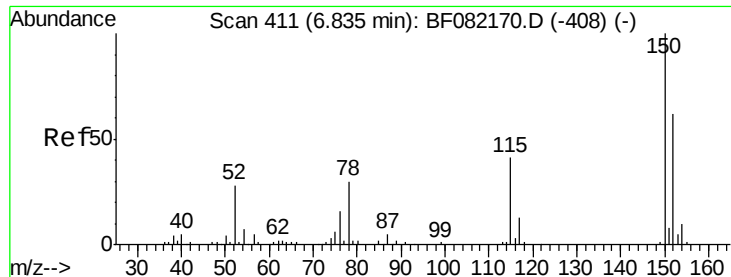
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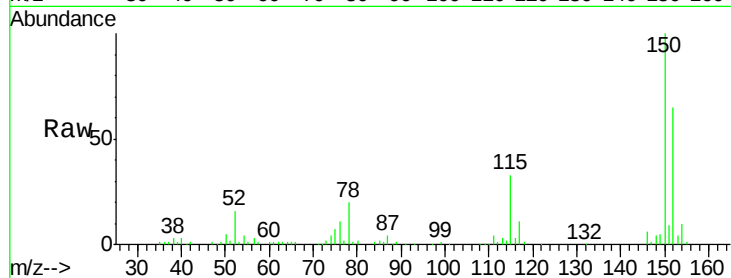




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.85 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

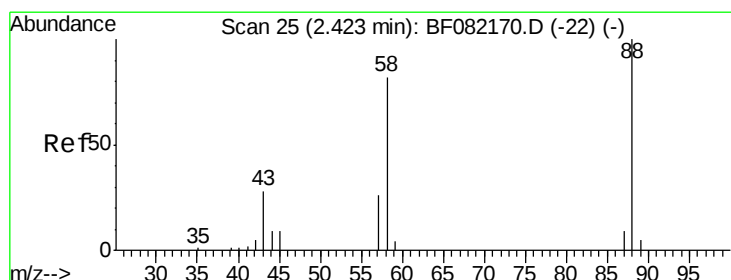
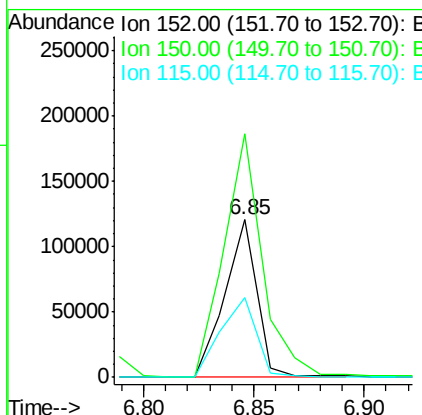
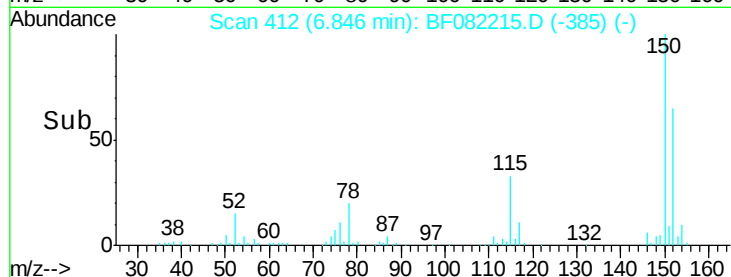
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	129.0	193.4
115	50.9	52.1	78.1#

Manual Integrations
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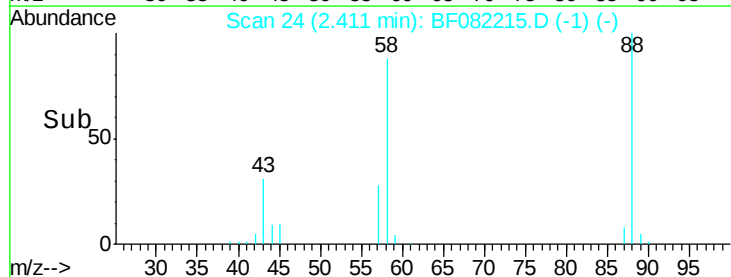
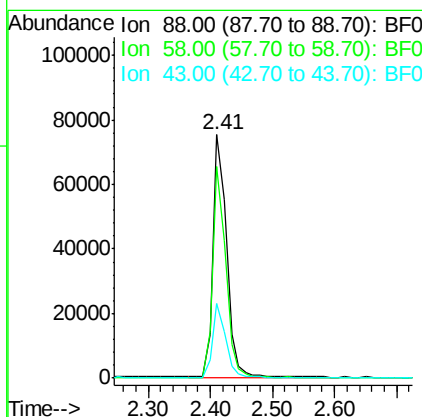
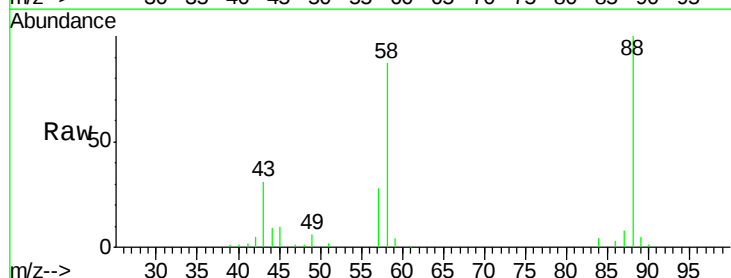
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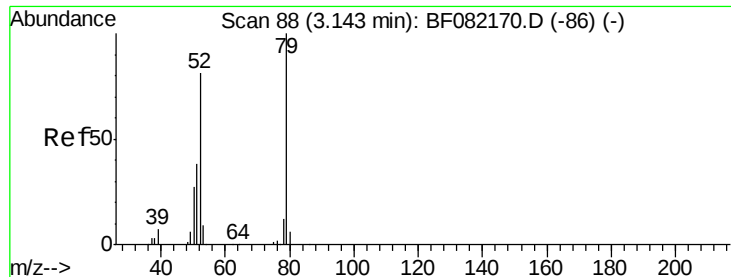


#2

1,4-Dioxane
Concen: 38.28 ng
RT: 2.41 min Scan# 24
Delta R.T. -0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	66.2	99.4
43	29.0	23.0	34.4





#3

Pyridine

Concen: 44.76 ng

RT: 3.14 min Scan# 88

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

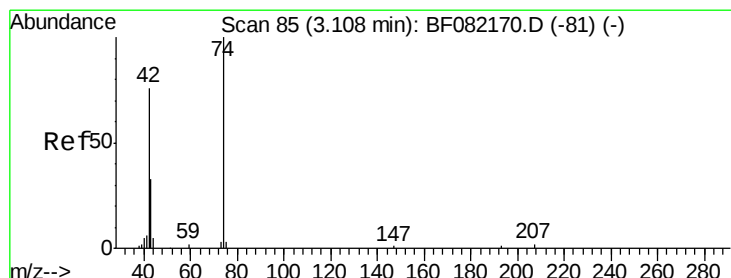
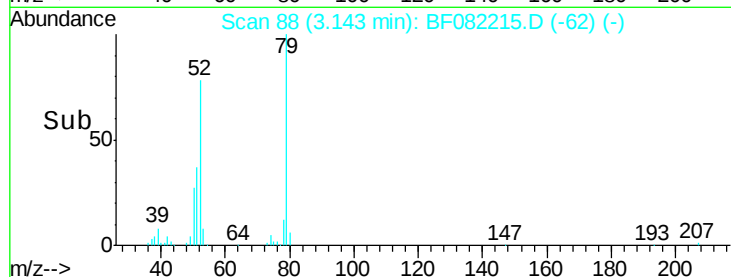
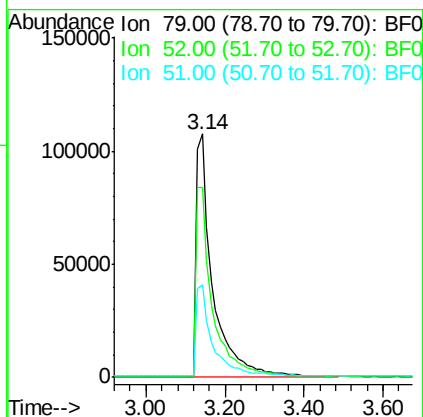
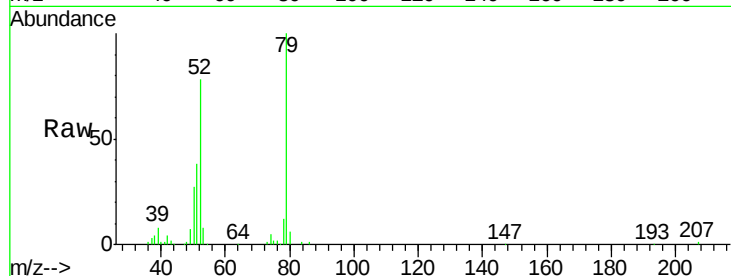
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	318544
Ion Ratio	Lower	Upper	
79	100		
52	78.0	64.4	96.6
51	38.1	30.5	45.7

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#4

n-Nitrosodimethylamine

Concen: 42.34 ng

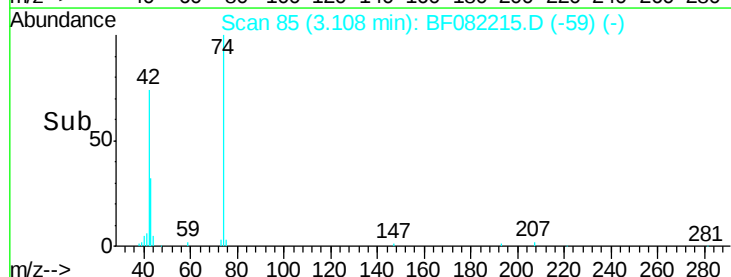
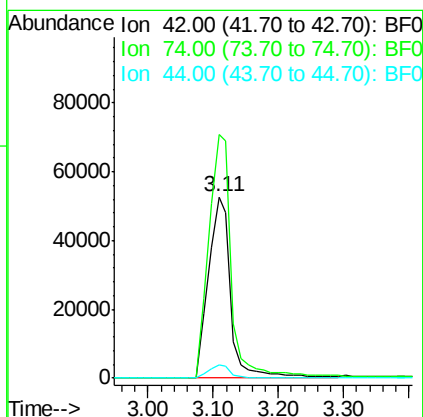
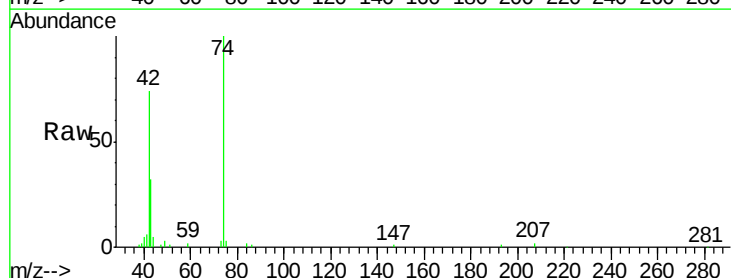
RT: 3.11 min Scan# 85

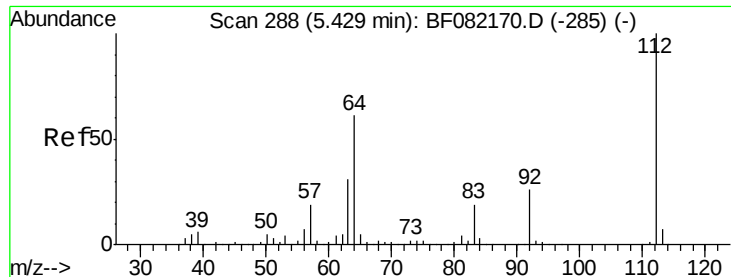
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:	42	Resp:	127789
Ion Ratio	Lower	Upper	
42	100		
74	134.5	105.7	158.5
44	7.0	5.4	8.2





#5

2-Fluorophenol

Concen: 79.58 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

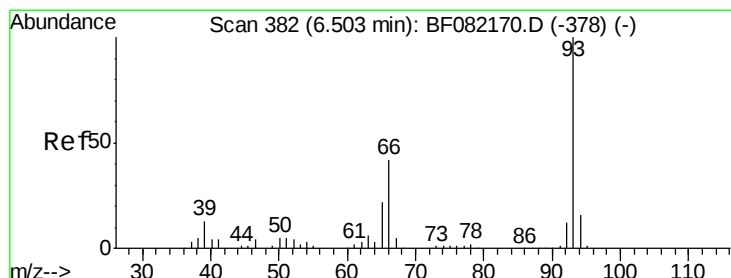
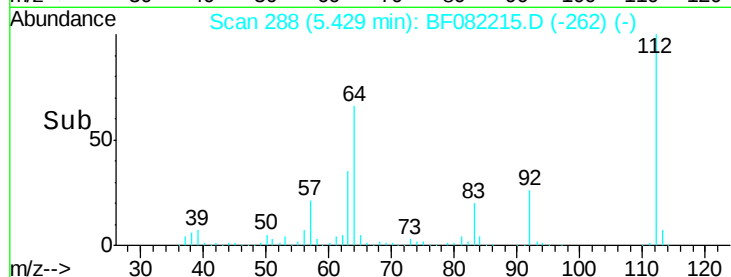
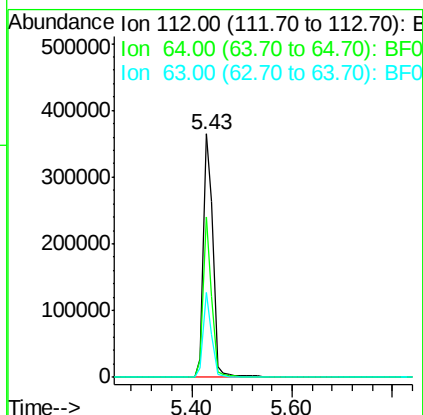
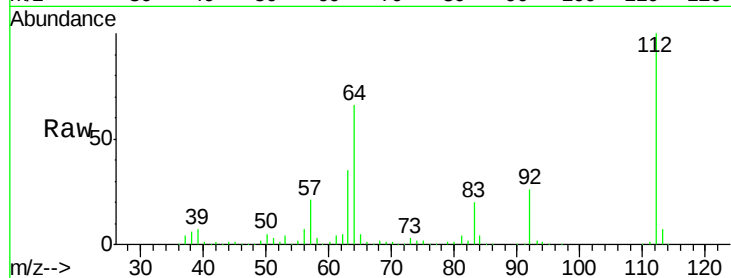
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	484621
Ion Ratio	Lower	Upper	
112	100		
64	66.0	48.6	73.0
63	35.1	25.1	37.7

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#6

Aniline

Concen: 39.91 ng m

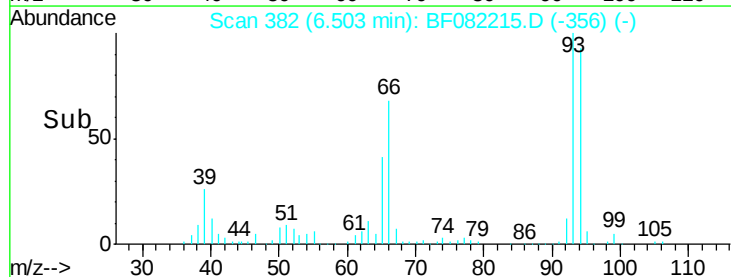
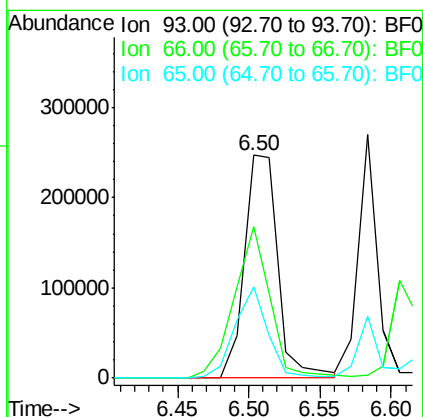
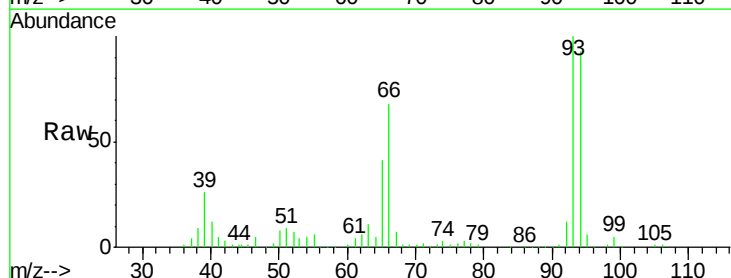
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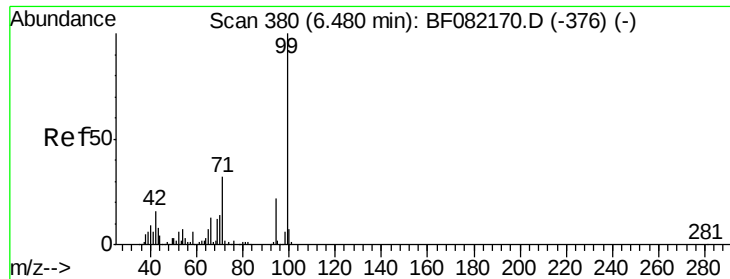
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:	93	Resp:	407795
Ion Ratio	Lower	Upper	
93	100		
66	67.9	34.2	51.2#
65	40.9	17.9	26.9#





#7

Phenol-d6

Concen: 77.32 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082215.D

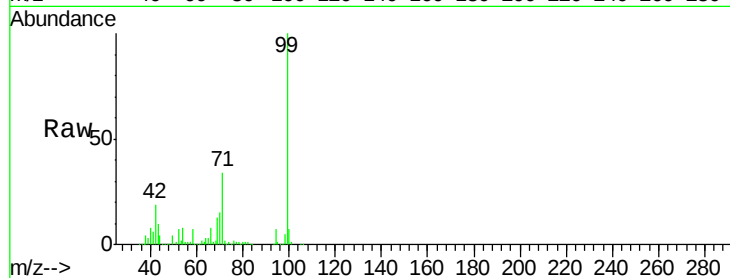
Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

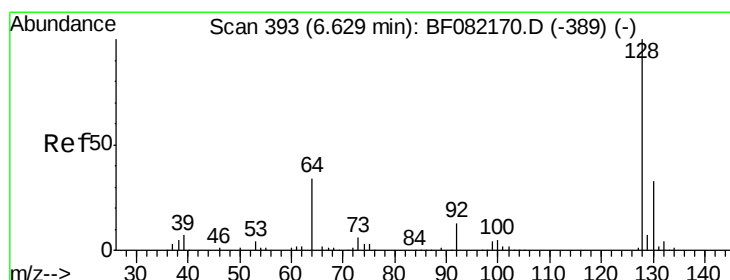
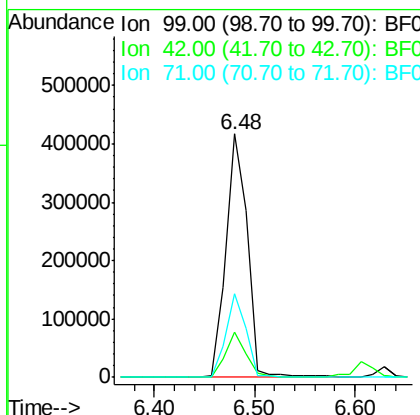
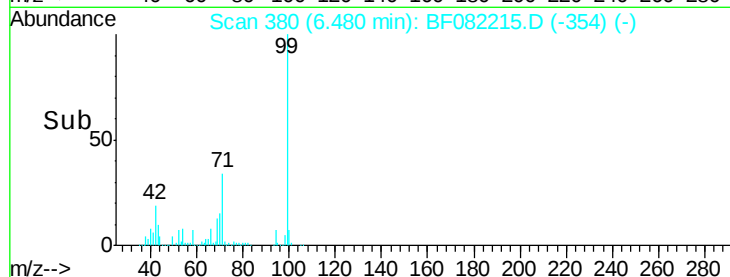
SSTDCCC040EC



Tgt Ion:	99	Resp:	612775
Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.2	19.8
71	34.4	25.6	38.4

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#8

2-Chlorophenol

Concen: 39.35 ng

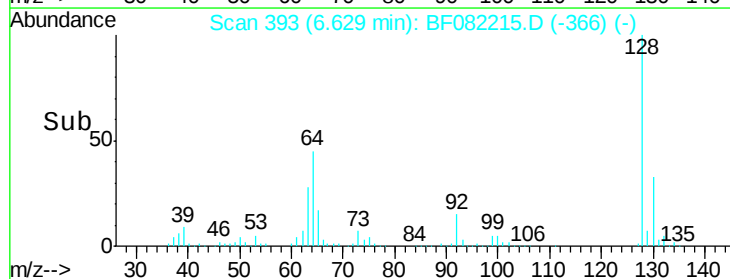
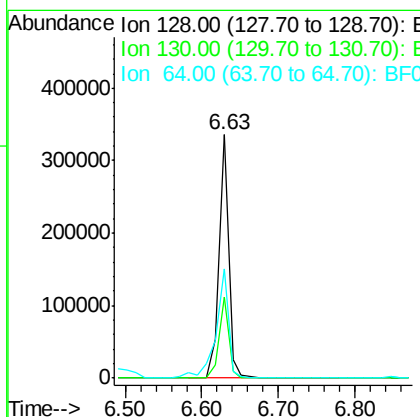
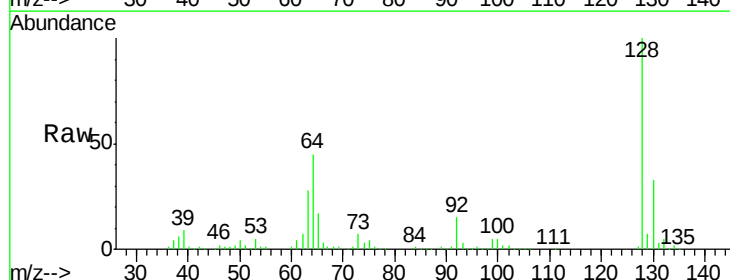
RT: 6.63 min Scan# 393

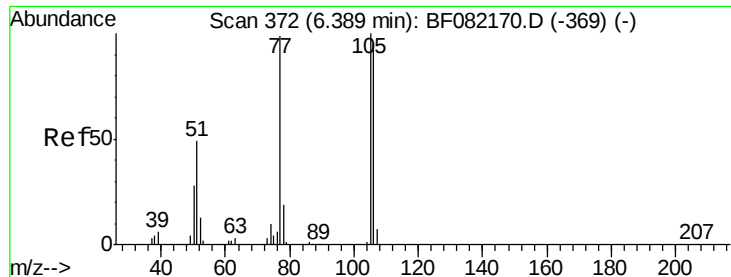
Delta R.T. 0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:	128	Resp:	292569
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	44.7	16.7	56.7





#9

Benzaldehyde

Concen: 42.03 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

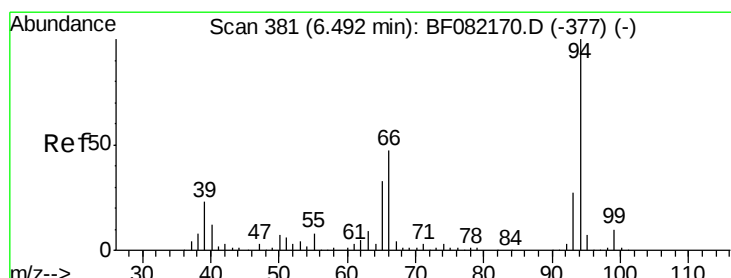
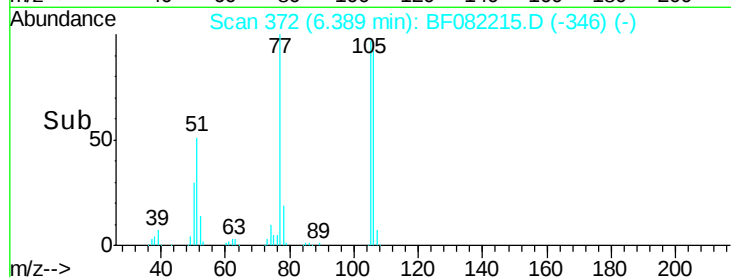
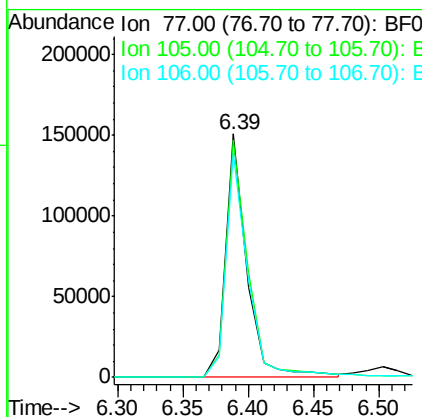
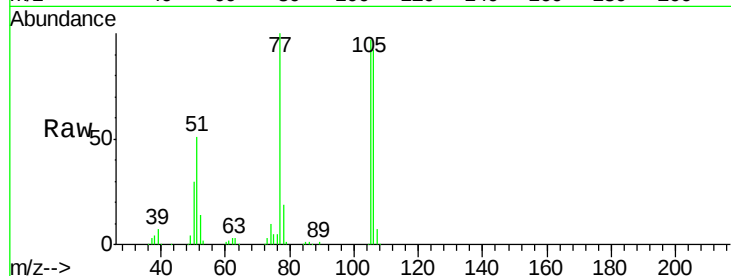
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.3	80.6	120.6
106	92.2	75.5	115.5



#10

Phenol

Concen: 35.68 ng m

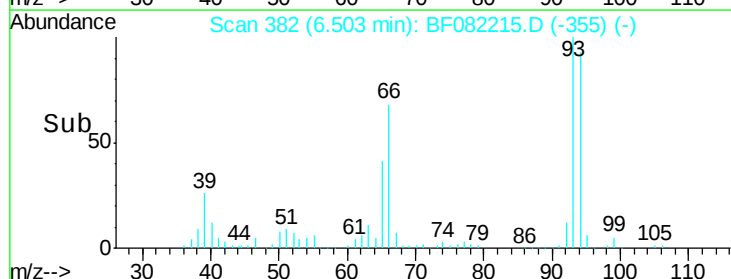
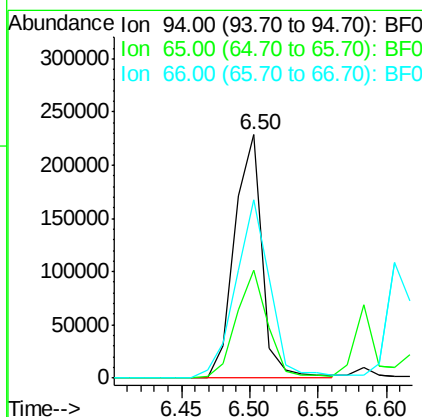
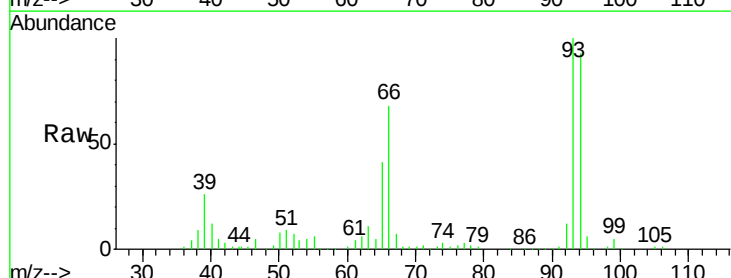
RT: 6.50 min Scan# 382

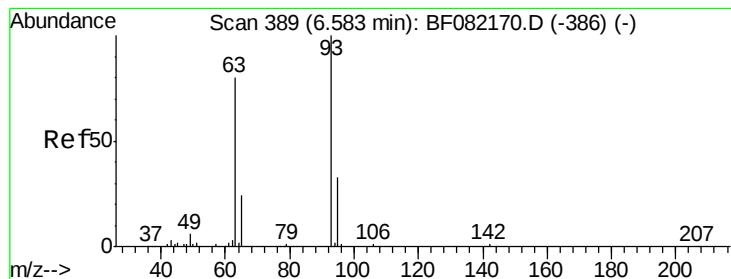
Delta R.T. 0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	44.2	12.6	52.6
66	73.3	27.3	67.3





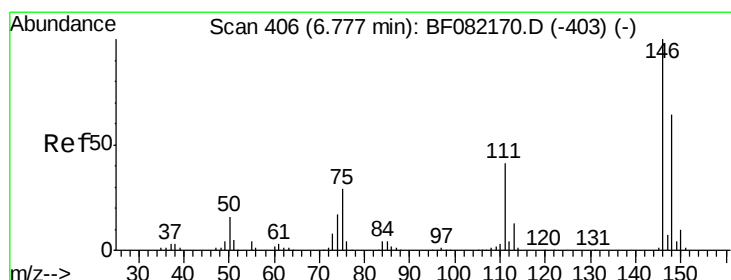
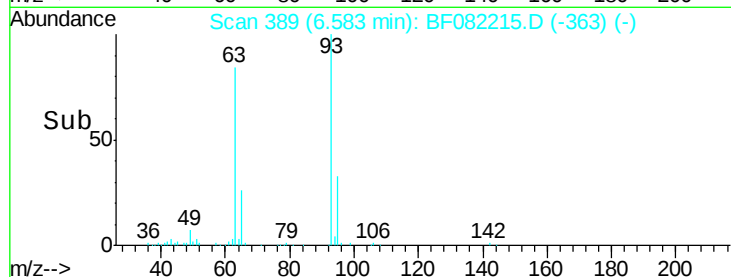
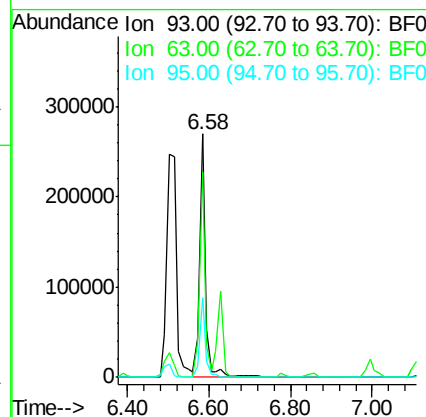
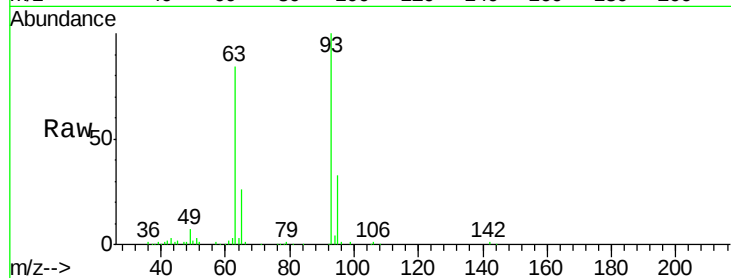
#11
bis(2-Chloroethyl)ether
Concen: 36.14 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	279284		
63	84.1	57.1	97.1	
95	32.7	11.9	51.9	

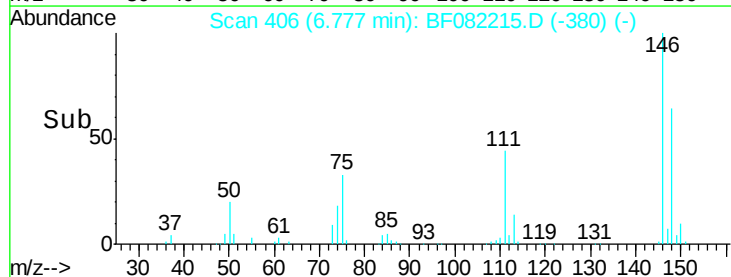
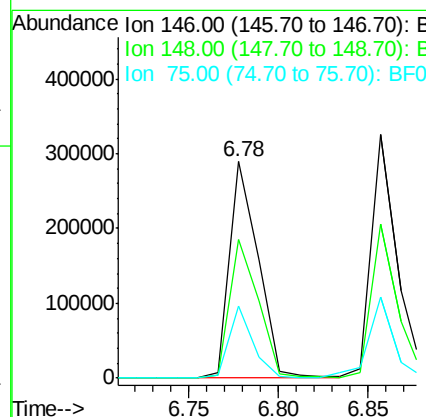
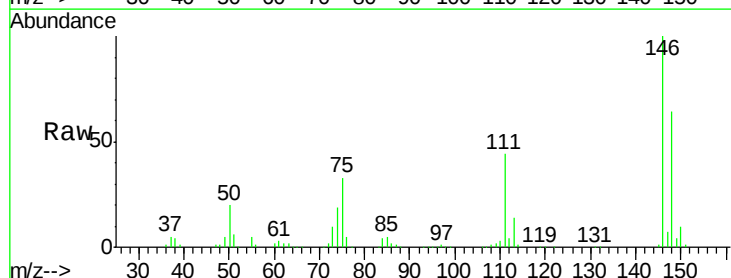
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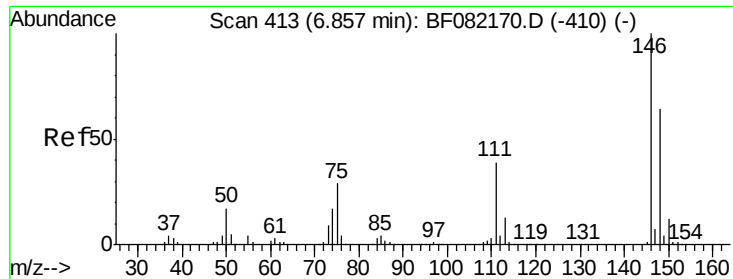
MMDadoda
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#12
1,3-Dichlorobenzene
Concen: 37.30 ng m
RT: 6.78 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	322934		
148	64.0	51.4	77.2	
75	33.3	23.0	34.6	





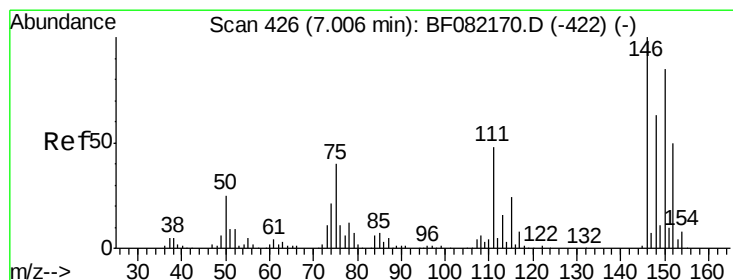
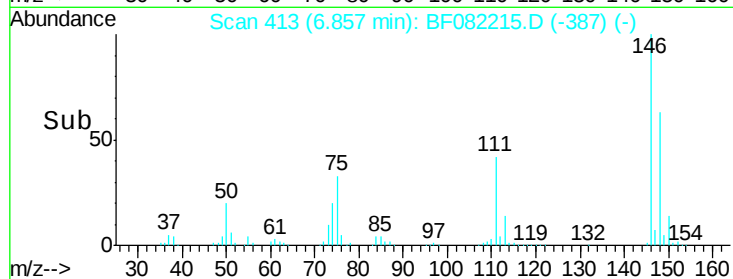
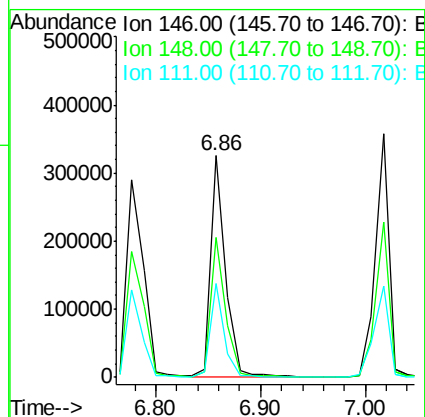
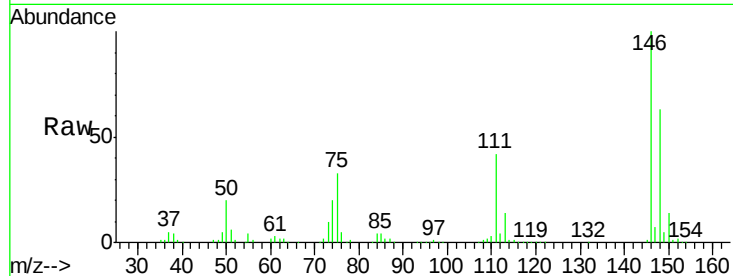
#13
 1,4-Dichlorobenzene
 Concen: 36.57 ng m
 RT: 6.86 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.4
111	42.4	31.1	46.7

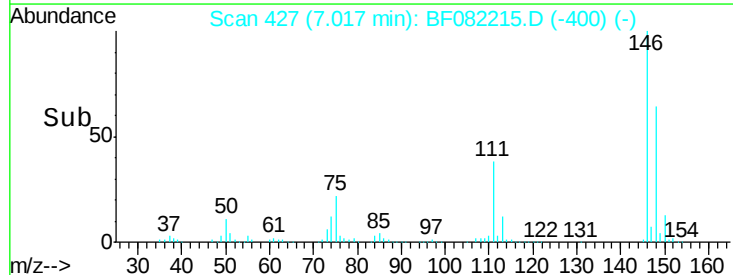
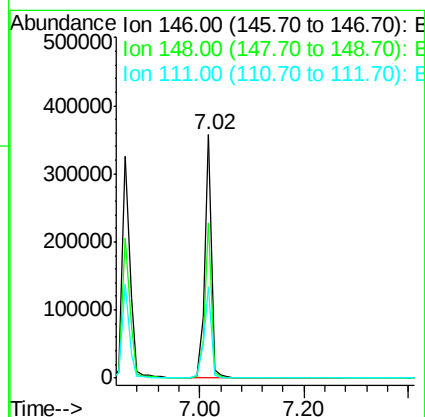
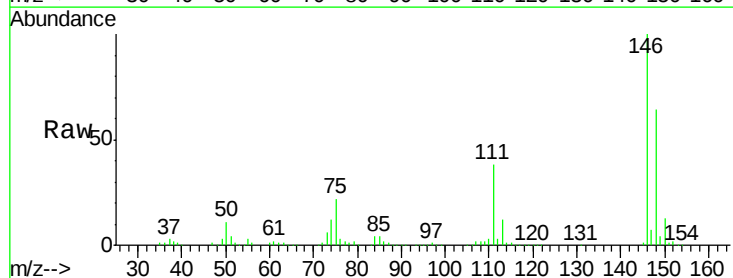
Manual Integrations
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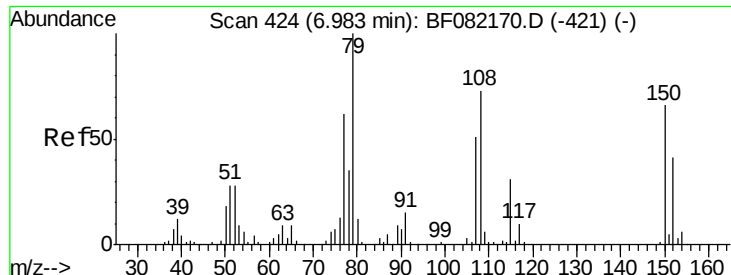
MMDadoda
 10/12/2015 2:40:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.01 ng
 RT: 7.02 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
111	37.7	38.5	57.7#





#15

Benzyl Alcohol

Concen: 40.52 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

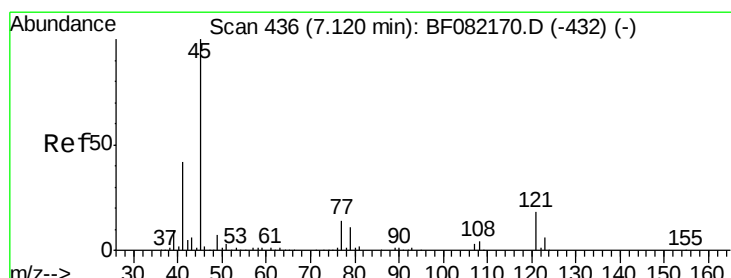
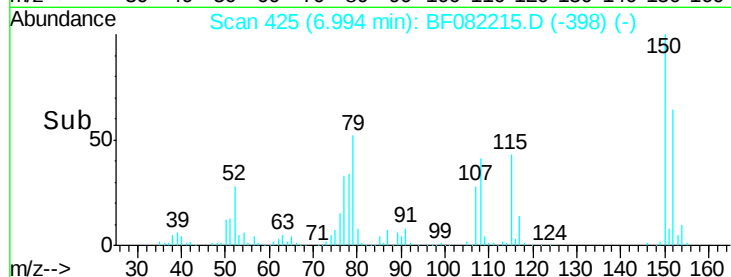
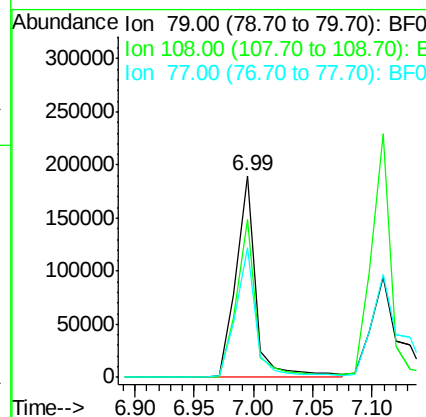
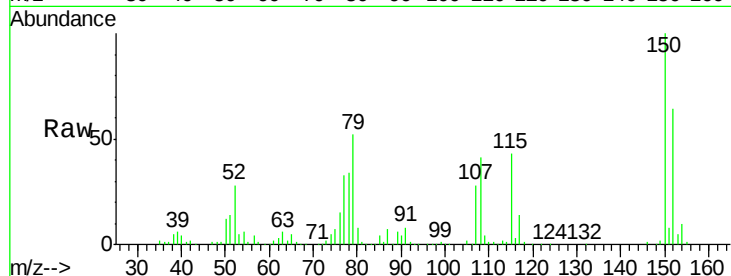
ClientSampleId :

SSTDCCC040EC

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Tgt Ion:	79	Resp:	221702
Ion Ratio	Lower	Upper	
79	100		
108	78.0	58.4	87.6
77	64.0	49.8	74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.17 ng

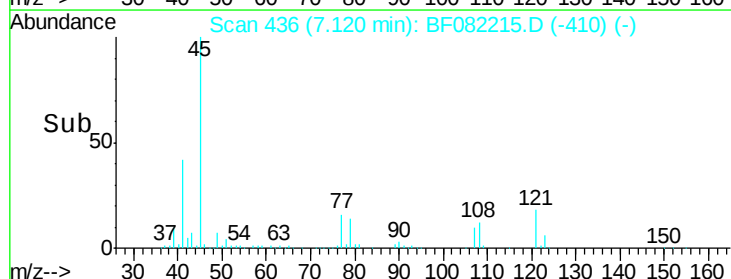
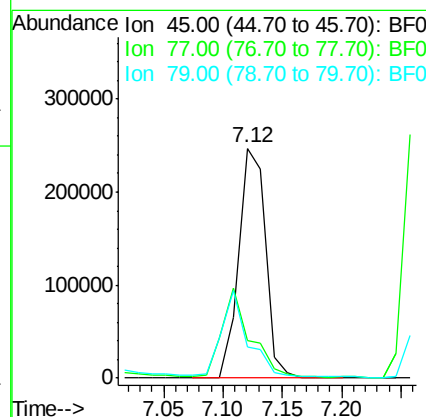
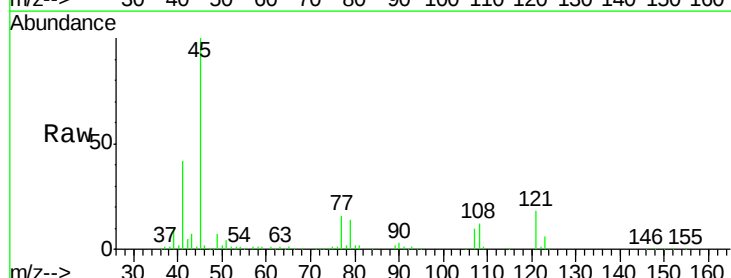
RT: 7.12 min Scan# 436

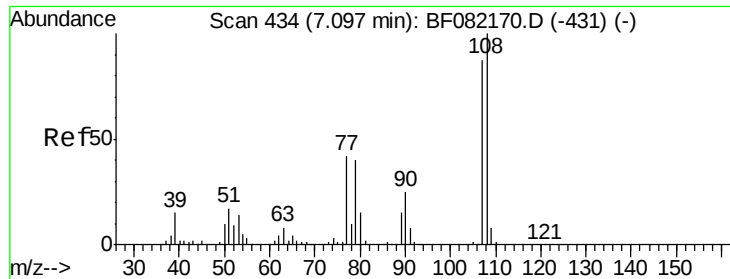
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:	45	Resp:	389215
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	34.5
79	13.7	0.0	31.6





#17

2-Methylphenol

Concen: 38.78 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF082215.D

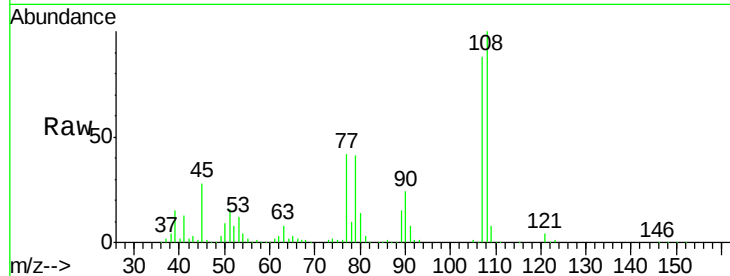
Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

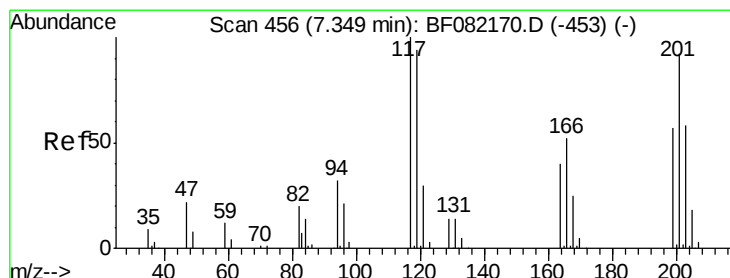
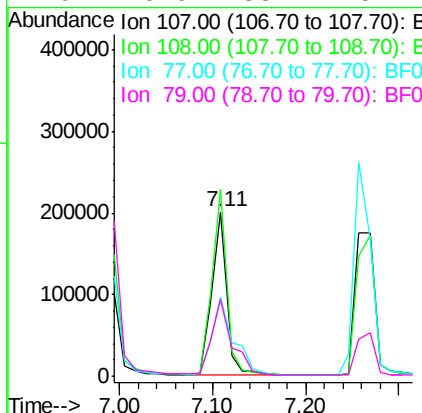
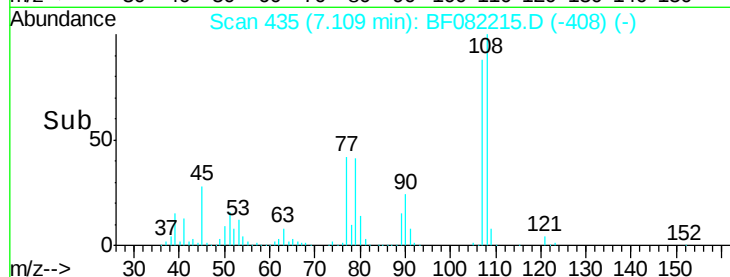
SSTDCCC040EC



Tgt Ion:	107	Resp:	227972
Ion Ratio	Lower	Upper	
107	100		
108	113.9	92.2	138.2
77	48.1	39.6	59.4
79	46.9	38.2	57.4

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#18

Hexachloroethane

Concen: 32.72 ng

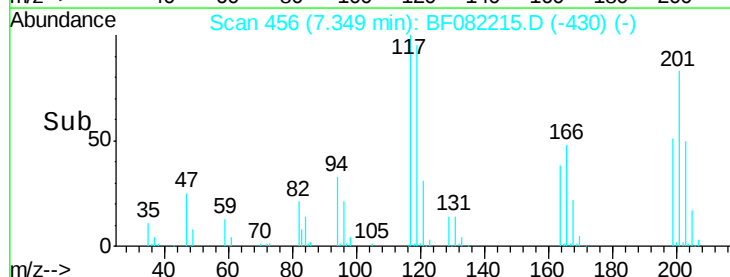
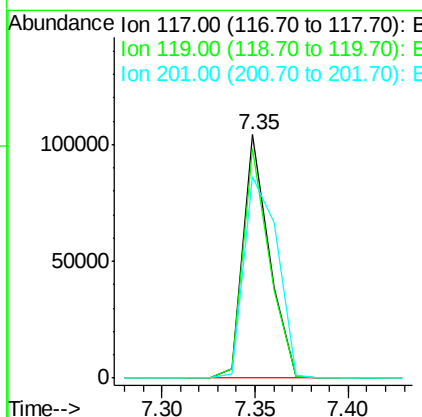
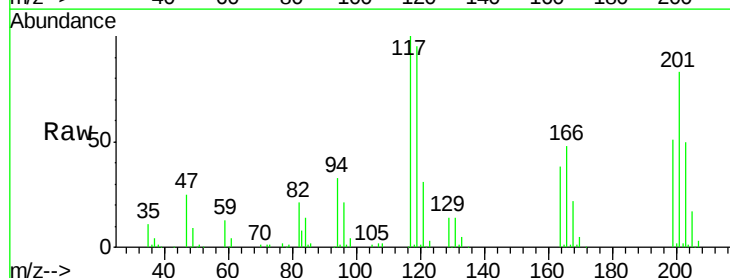
RT: 7.35 min Scan# 456

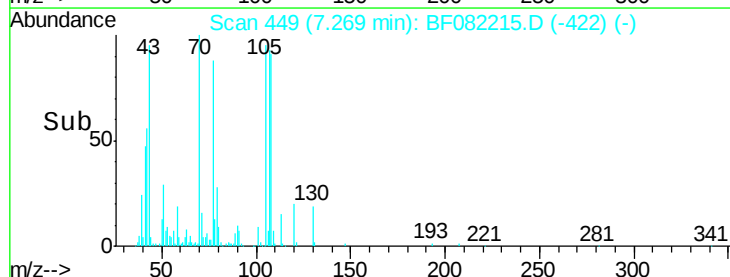
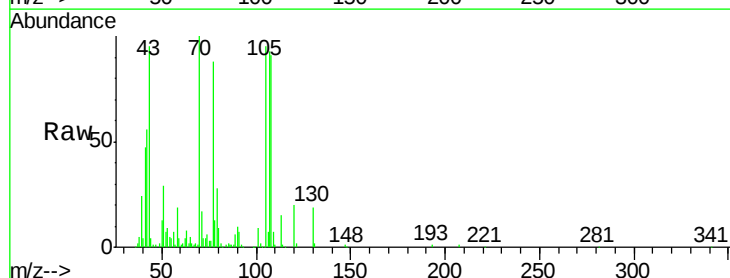
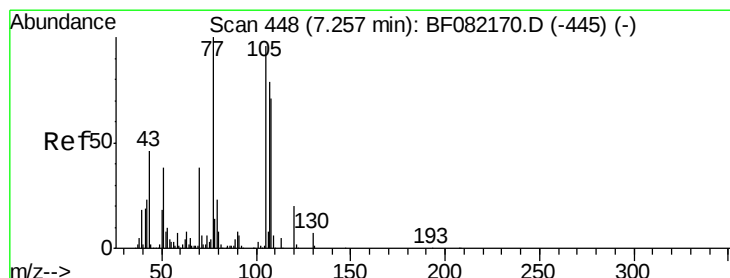
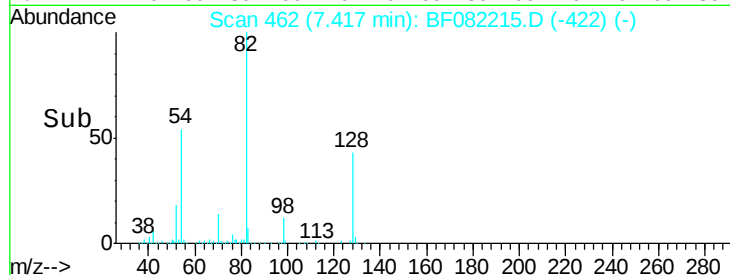
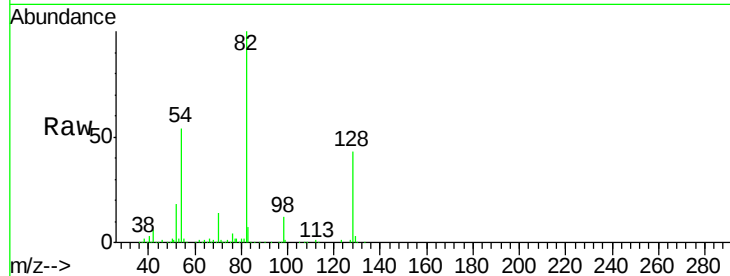
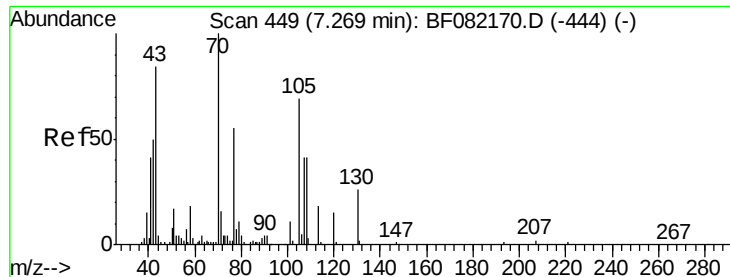
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:	117	Resp:	101260
Ion Ratio	Lower	Upper	
117	100		
119	94.5	75.4	113.2
201	82.7	73.4	110.0





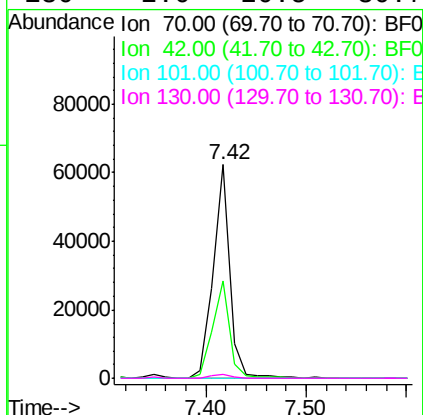
#19
n-Nitroso-di-n-propylamine
Concen: 12.86 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.16 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.3	39.8	59.8
101	0.0	8.6	13.0#
130	2.0	20.5	30.7#

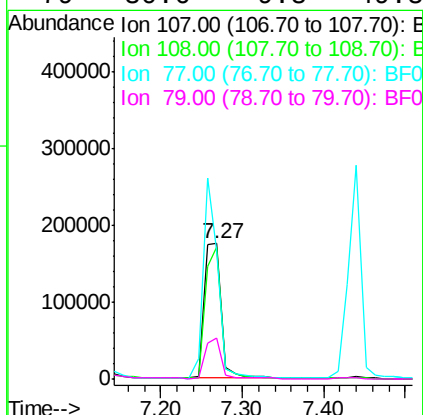
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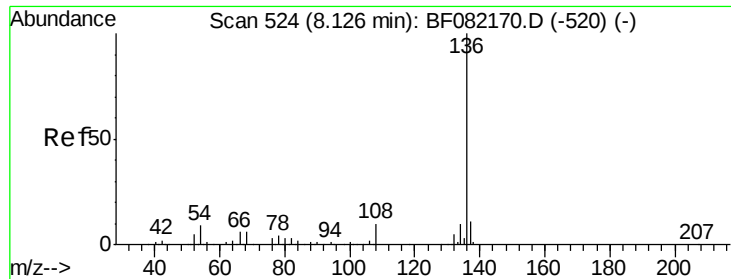
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10/12/2015 2:40:01 PM



#20
3+4-Methylphenols
Concen: 37.38 ng
RT: 7.27 min Scan# 449
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.6	69.9	109.9
77	95.0	106.0	146.0#
79	30.6	9.8	49.8





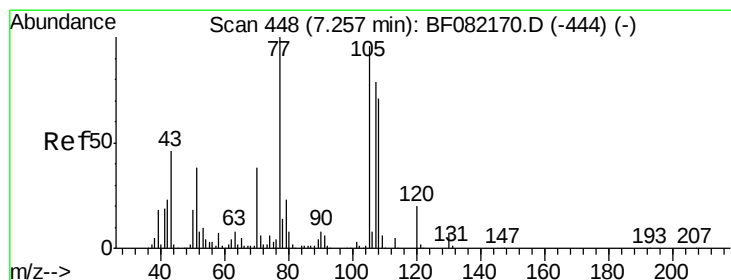
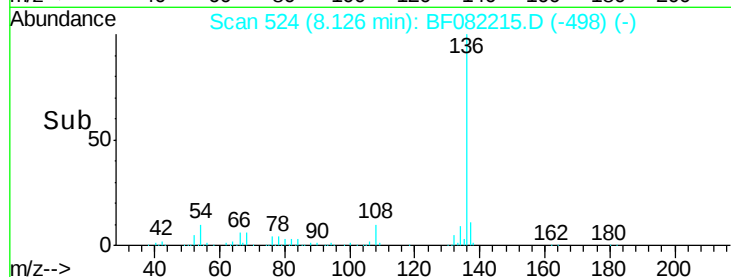
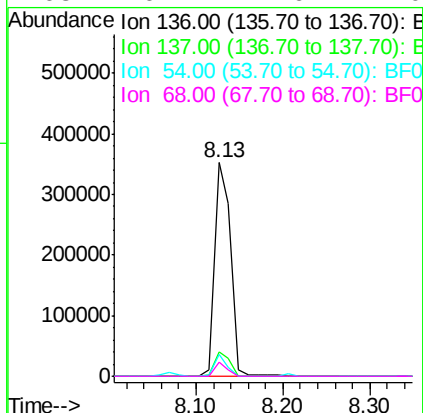
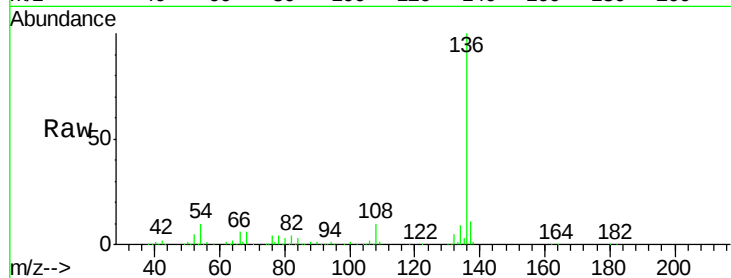
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	458599		
137	11.3	9.0	13.6	
54	10.1	7.5	11.3	
68	6.4	4.6	7.0	

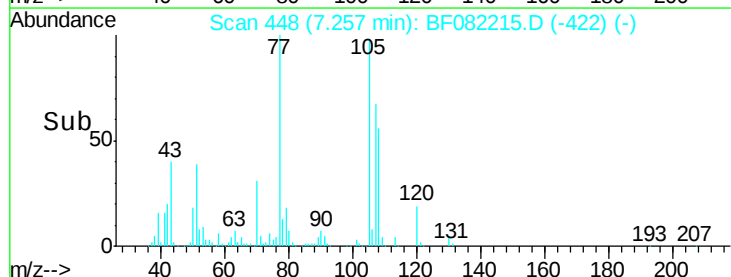
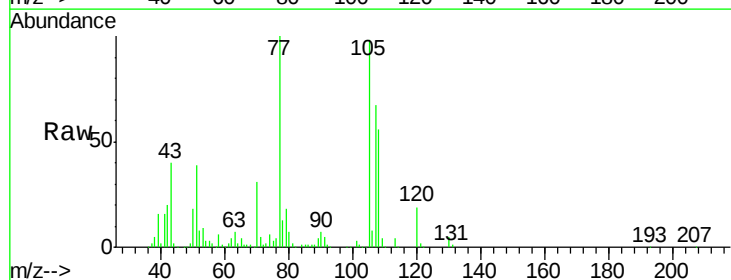
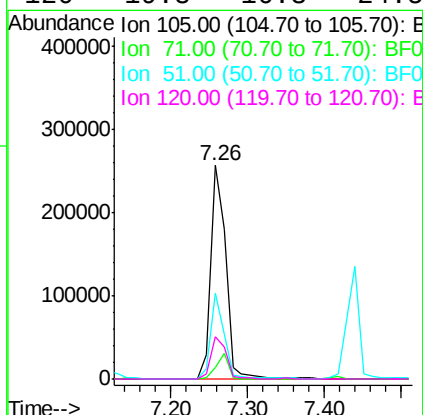
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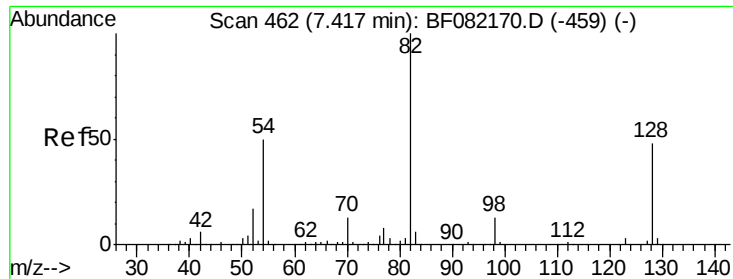
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#22
Acetophenone
Concen: 38.22 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	346762		
71	5.4	5.4	8.0	
51	40.1	31.8	47.6	
120	19.8	16.3	24.5	





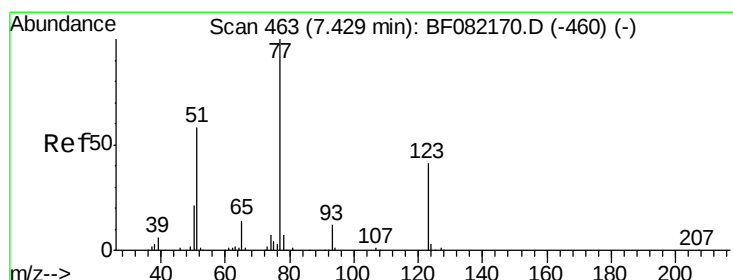
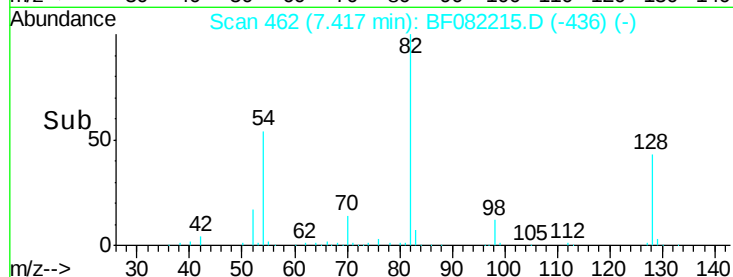
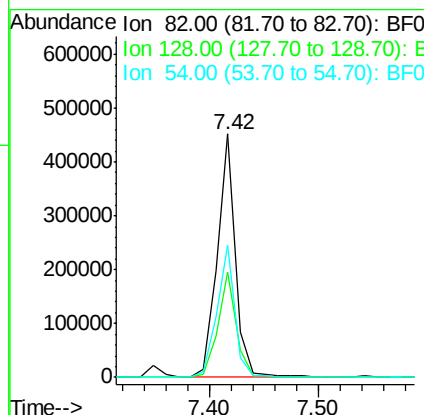
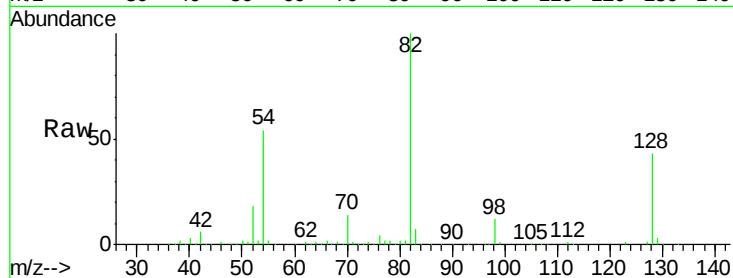
#23
 Nitrobenzene-d5
 Concen: 77.64 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	38.7	58.1
54	54.3	40.1	60.1

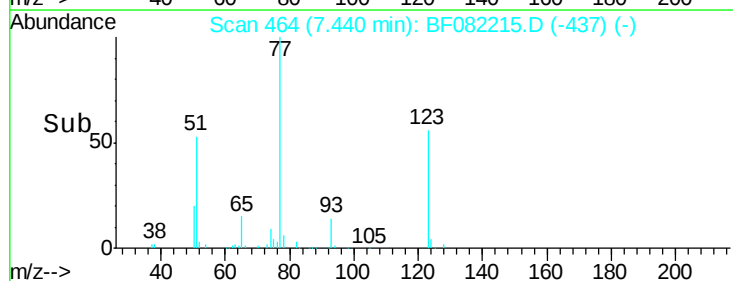
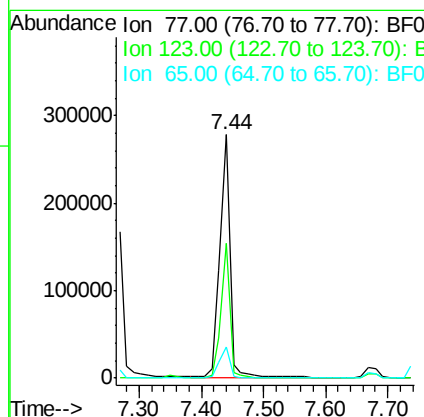
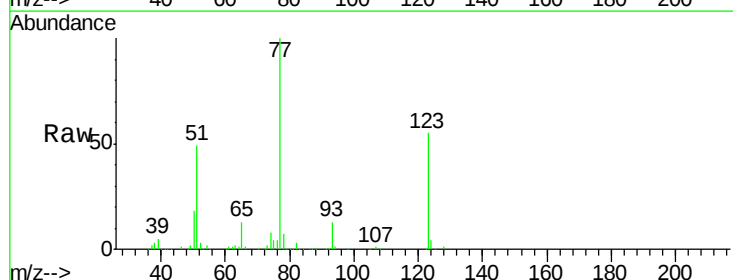
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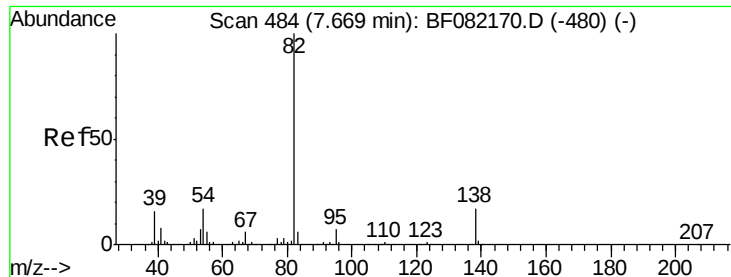
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#24
 Nitrobenzene
 Concen: 41.26 ng
 RT: 7.44 min Scan# 464
 Delta R.T. 0.01 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.1	33.0	49.4#
65	12.9	11.2	16.8





#25

Isophorone

Concen: 38.05 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

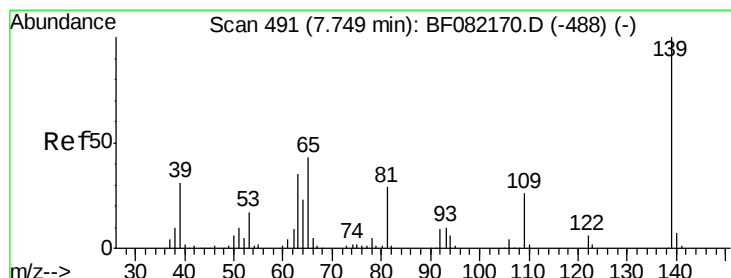
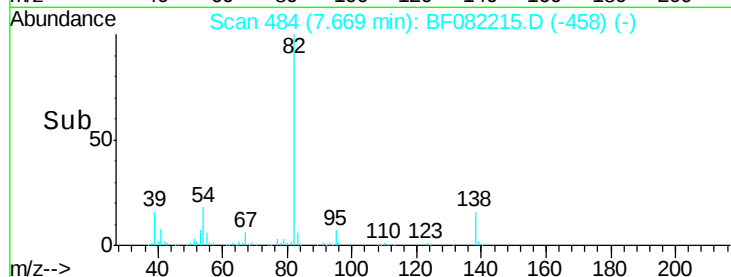
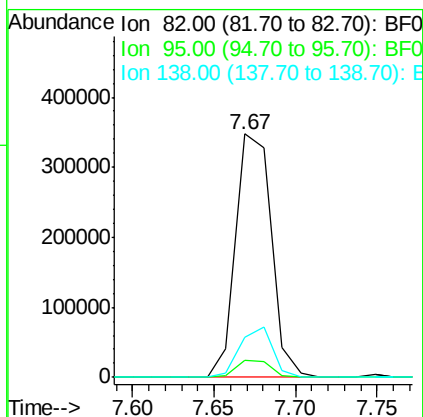
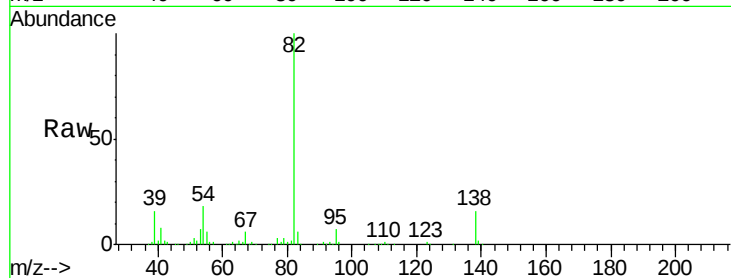
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	82	Resp:	524409
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	16.2	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.95 ng

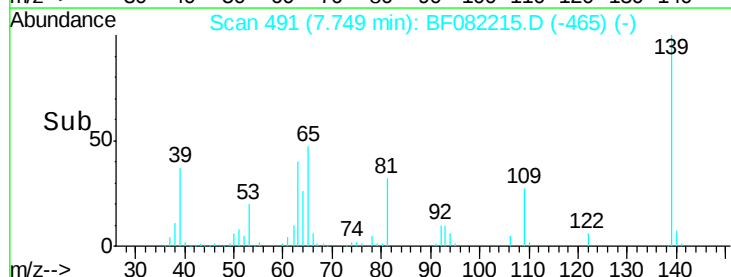
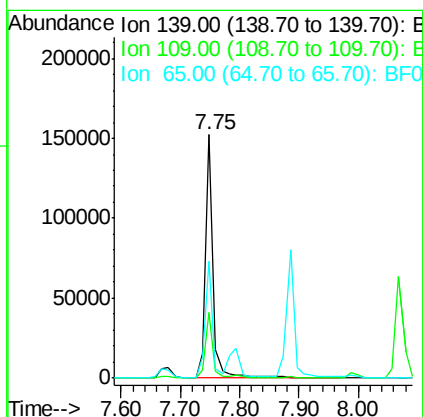
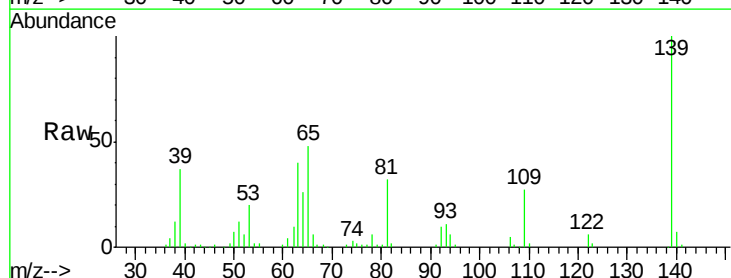
RT: 7.75 min Scan# 491

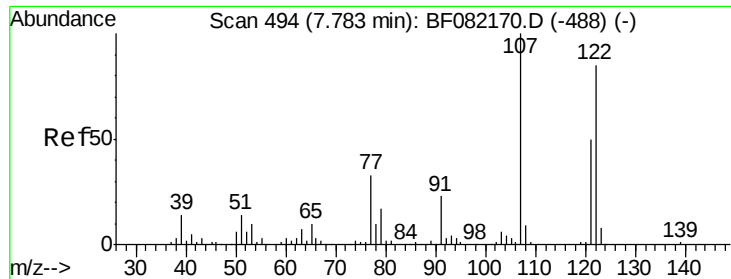
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:	139	Resp:	140067
Ion Ratio	Lower	Upper	
139	100		
109	27.0	20.6	31.0
65	48.1	34.3	51.5





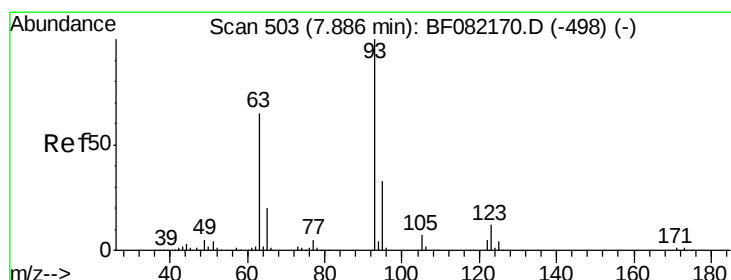
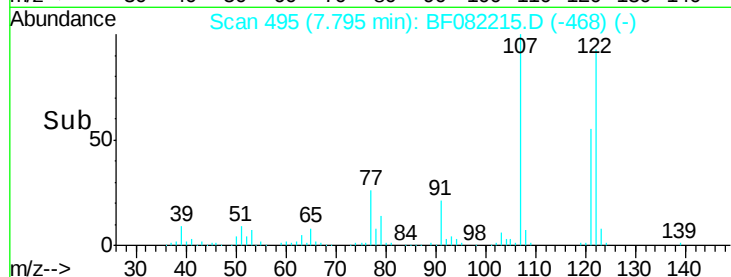
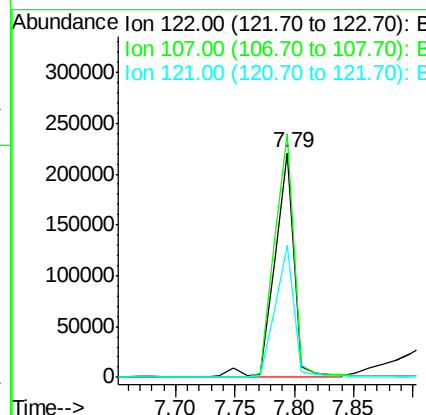
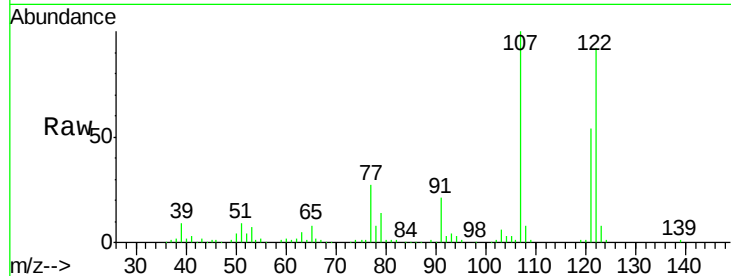
#27
 2,4-Dimethylphenol
 Concen: 42.37 ng
 RT: 7.79 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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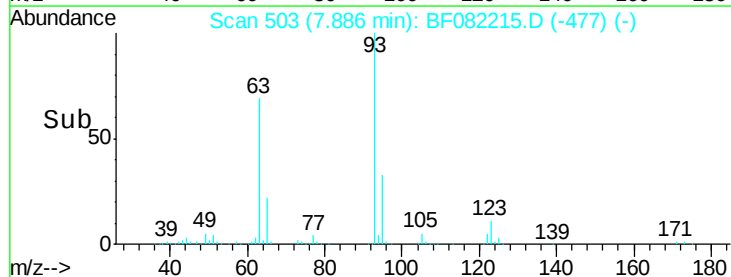
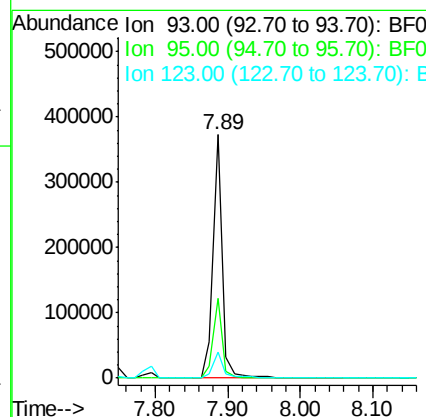
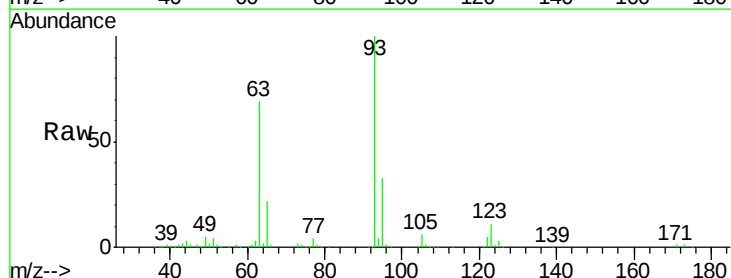
MMDadoda
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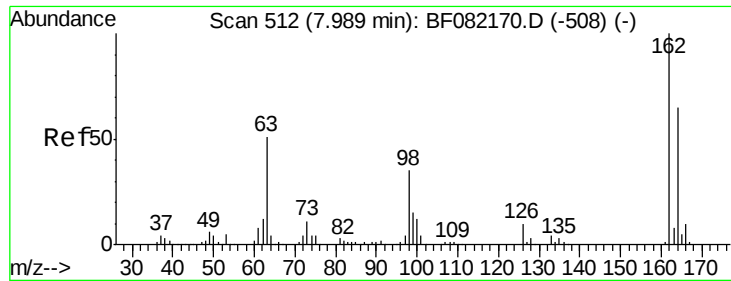
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	251934		
107	108.3	94.0	141.0	
121	58.9	46.8	70.2	



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.70 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	334425		
95	32.8	26.6	39.8	
123	10.9	9.5	14.3	





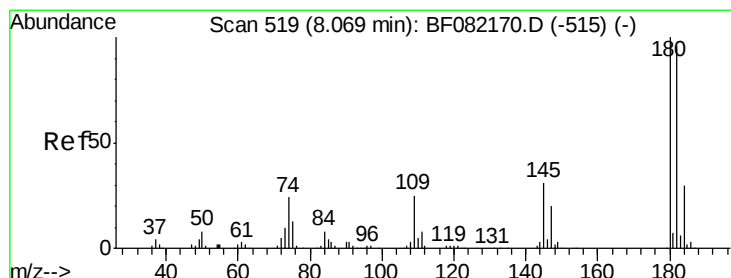
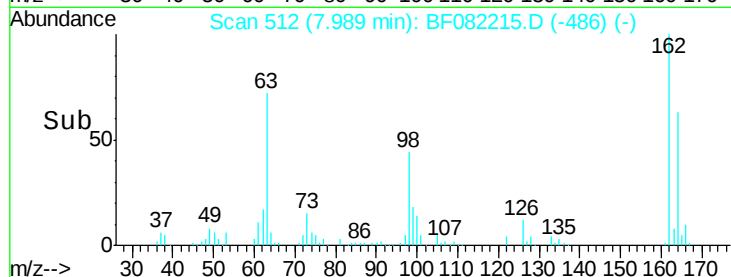
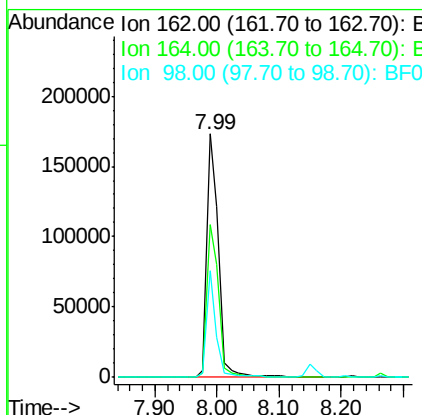
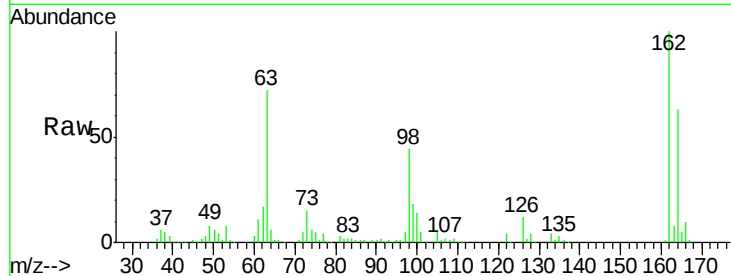
#29
2,4-Dichlorophenol
Concen: 37.91 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.0	44.6	84.6
98	43.8	15.0	55.0

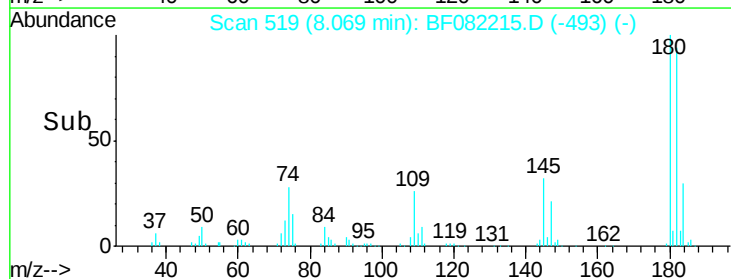
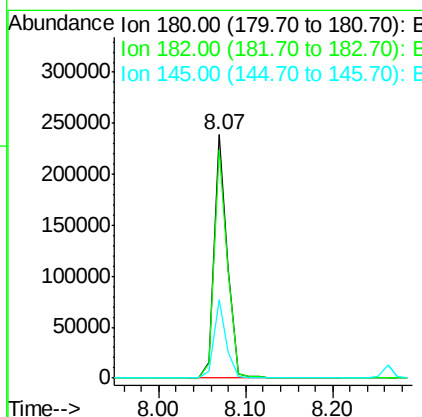
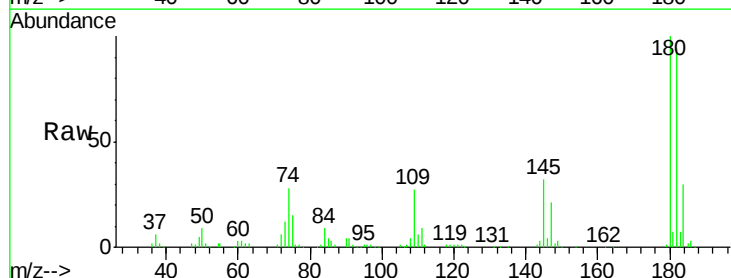
Manual Integrations
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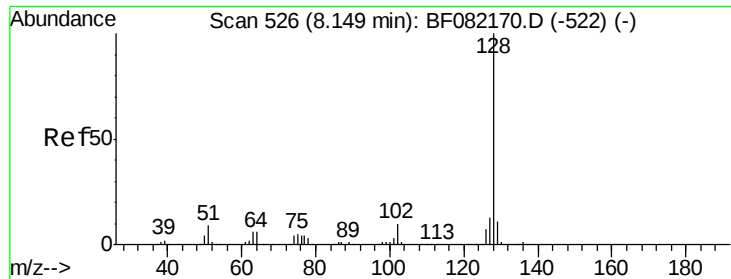
MMDadoda
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#30
1,2,4-Trichlorobenzene
Concen: 37.26 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.6	77.0	115.4
145	32.1	25.0	37.4





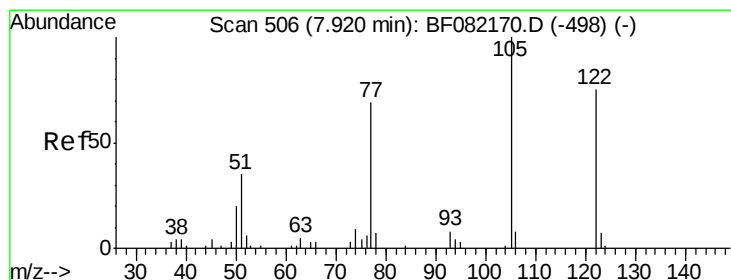
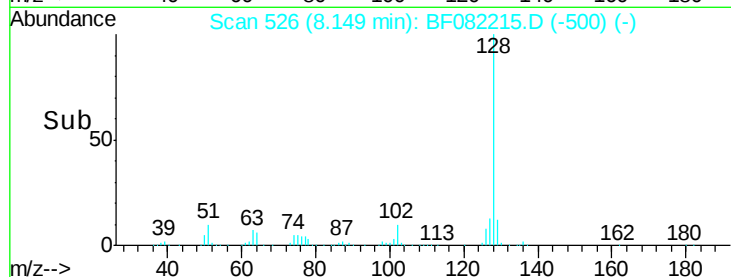
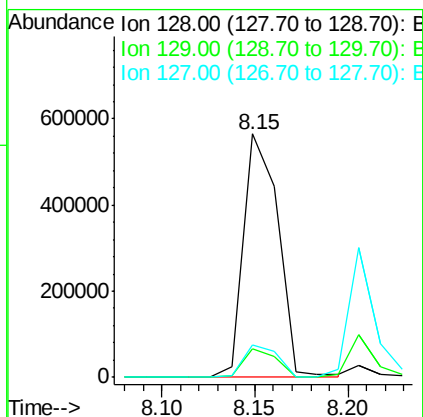
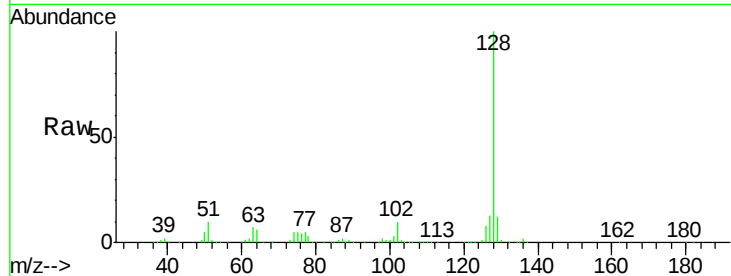
#31
Naphthalene
Concen: 36.56 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	726746		
129	11.5	9.1	13.7	
127	13.4	10.7	16.1	

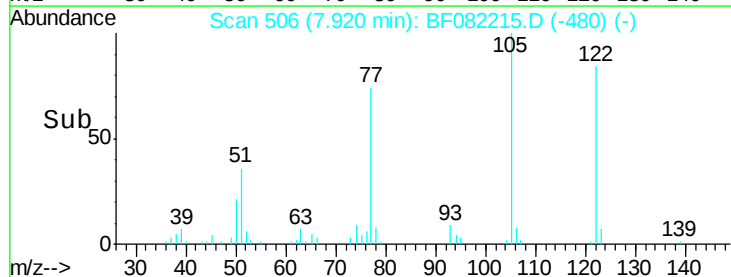
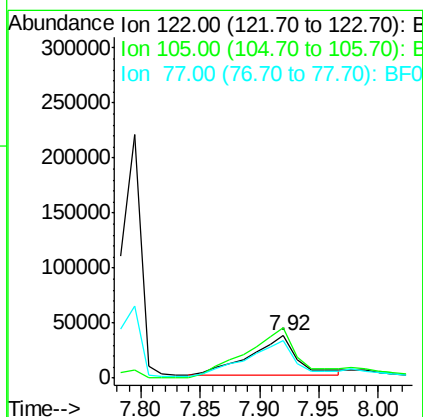
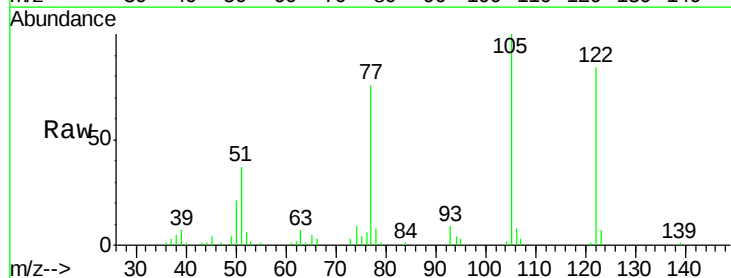
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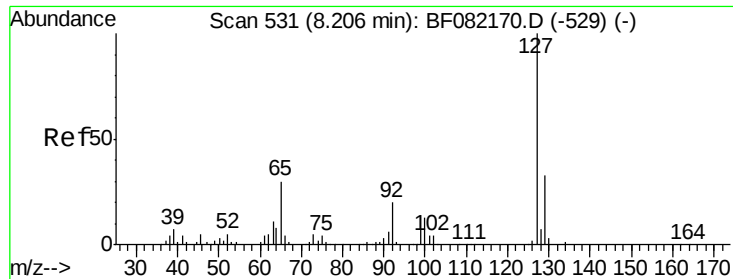
MMDadoda
10/12/2015 2:40:01 PM



#32
Benzoic acid
Concen: 25.85 ng
RT: 7.92 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	103168		
105	119.2	104.4	144.4	
77	90.0	69.0	109.0	





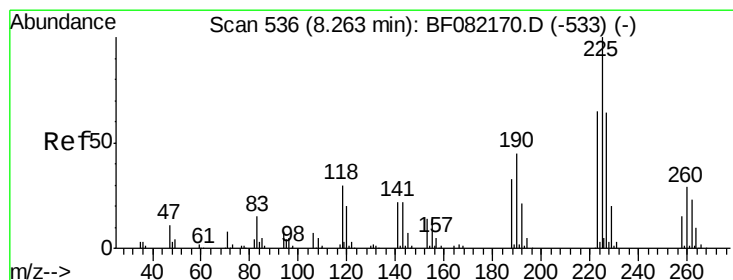
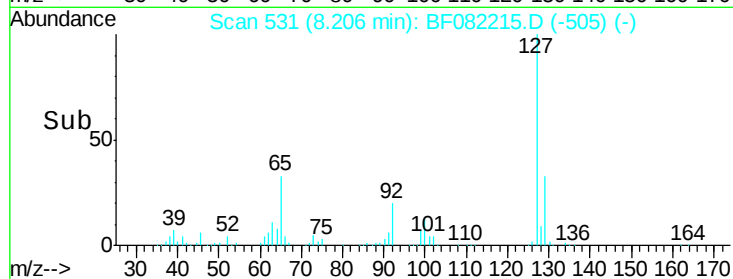
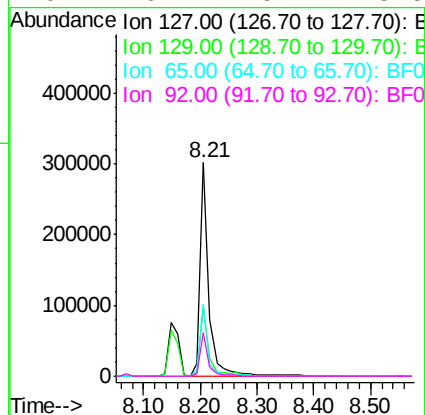
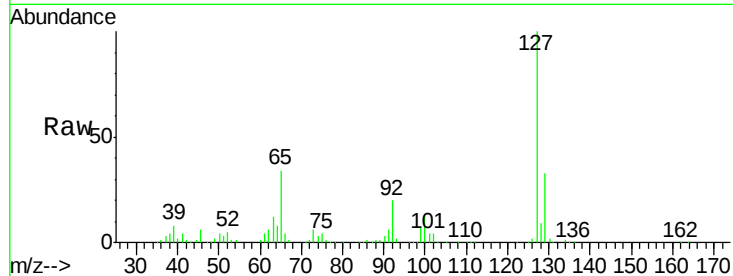
#33
4-Chloroaniline
Concen: 37.93 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	313112		
129	32.5	26.3	39.5	
65	33.7	24.4	36.6	
92	20.4	15.7	23.5	

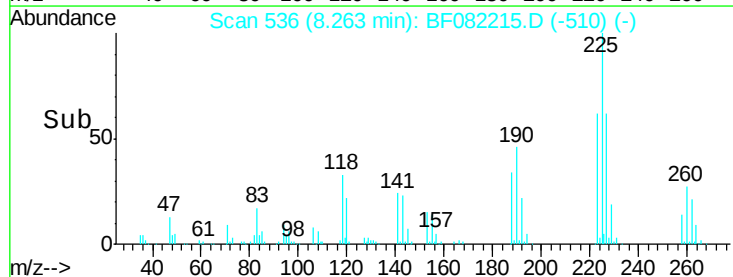
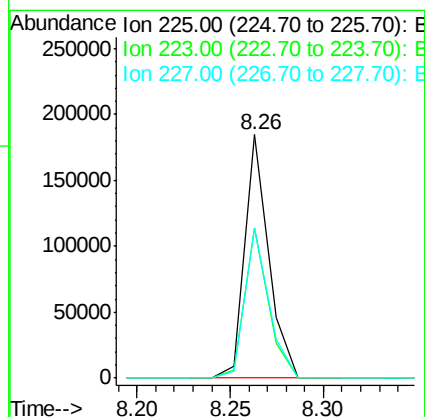
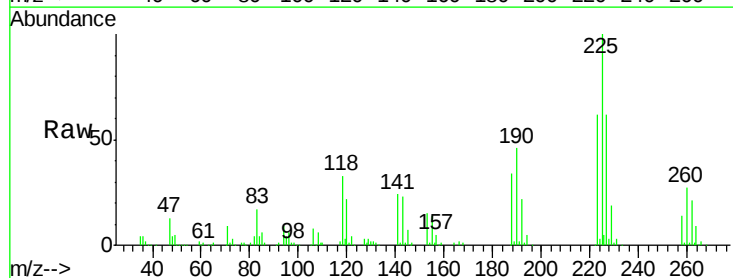
Manual Integrations
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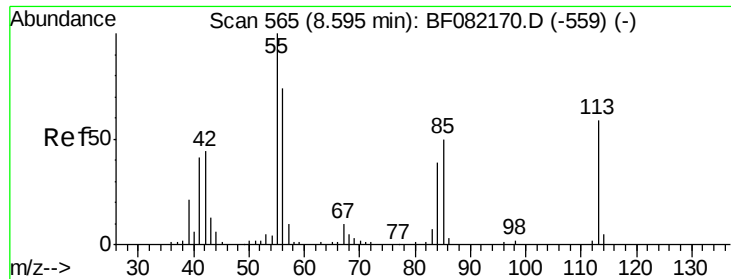
MMDadoda
10/12/2015 2:40:01 PM



#34
Hexachlorobutadiene
Concen: 38.56 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	164612		
223	61.8	52.2	78.2	
227	61.9	51.3	76.9	





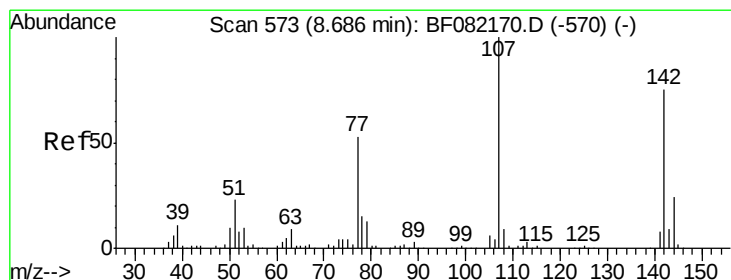
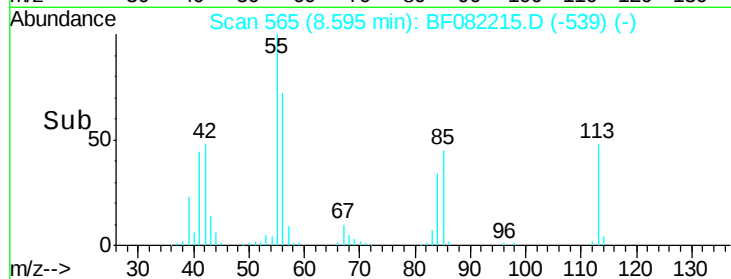
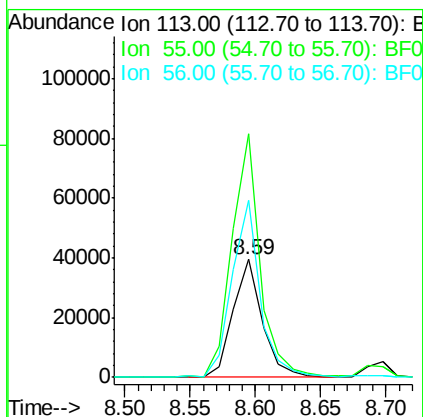
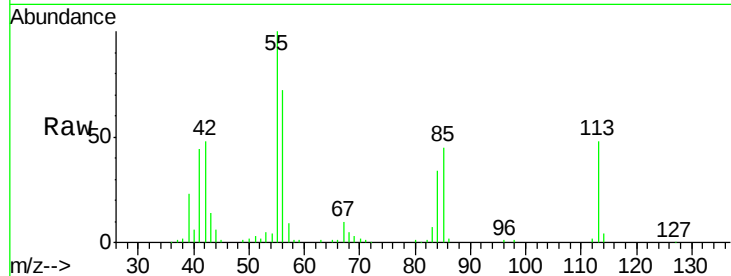
#35
 Caprolactam
 Concen: 35.60 ng
 RT: 8.59 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 61419
 Ion Ratio Lower Upper
 113 100
 55 206.3 149.7 189.7#
 56 149.5 105.4 145.4#

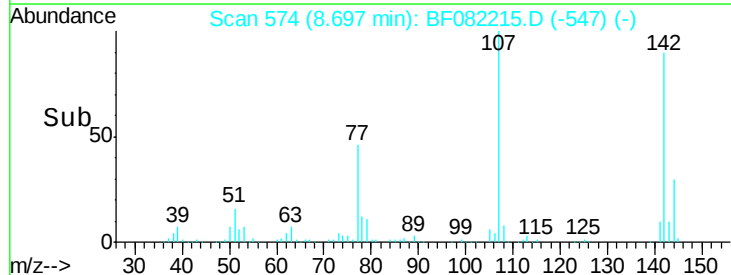
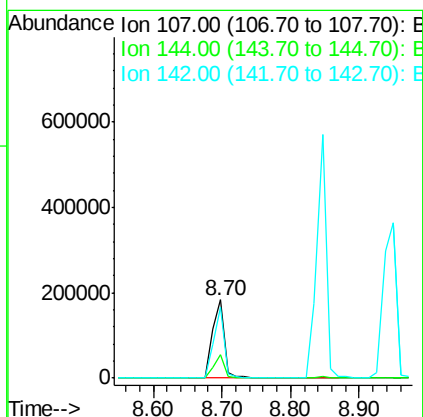
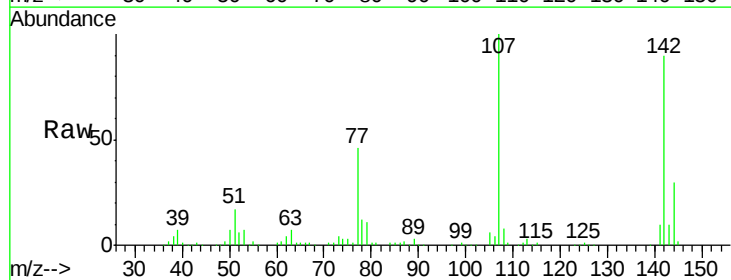
Manual Integrations
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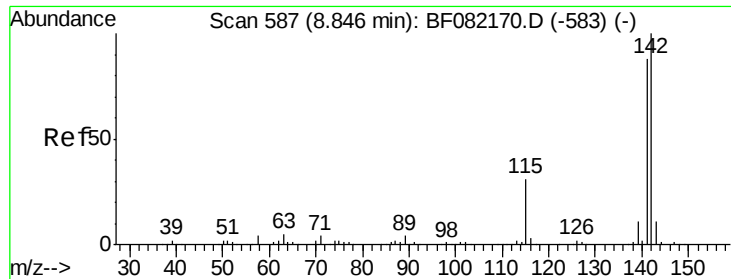
MMDadoda
 10/12/2015 2:40:01 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.19 ng
 RT: 8.70 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion:107 Resp: 227809
 Ion Ratio Lower Upper
 107 100
 144 29.9 19.3 28.9#
 142 89.7 59.9 89.9





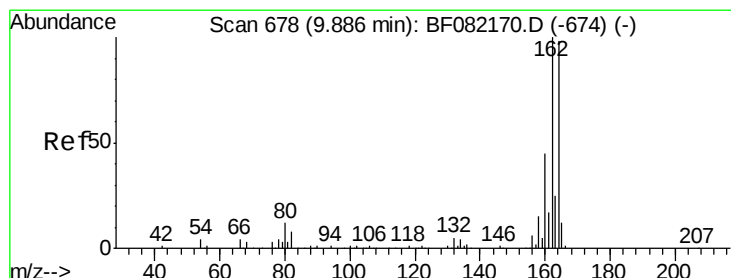
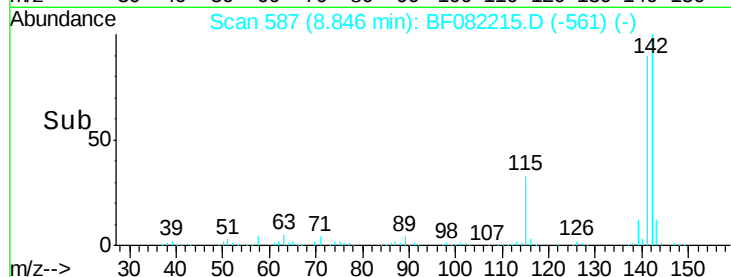
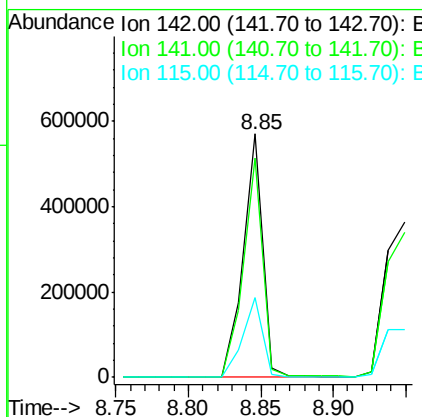
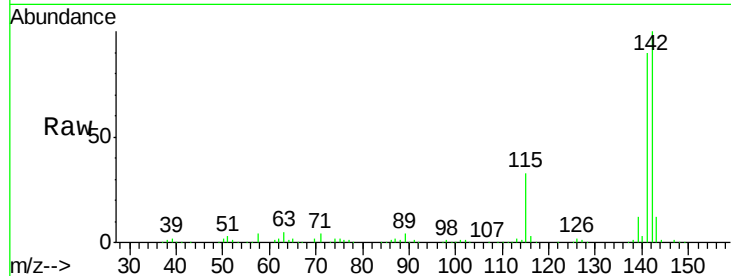
#37
2-Methylnaphthalene
Concen: 38.88 ng
RT: 8.85 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	535889		
141	90.1	70.4	105.6	
115	32.9	24.6	37.0	

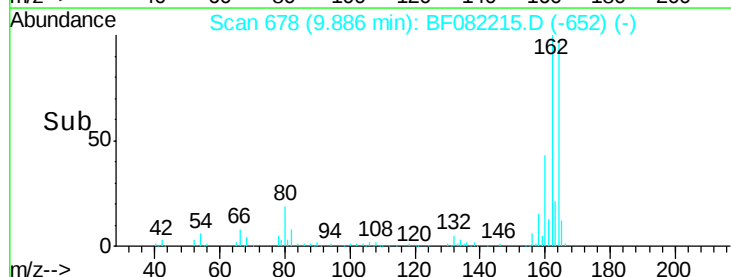
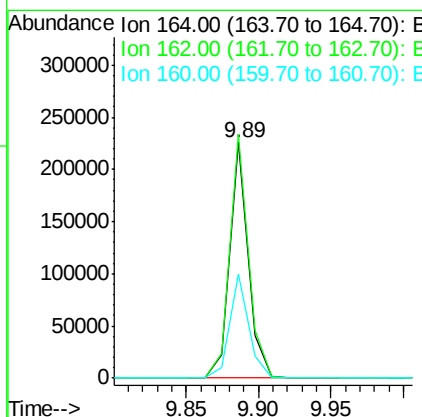
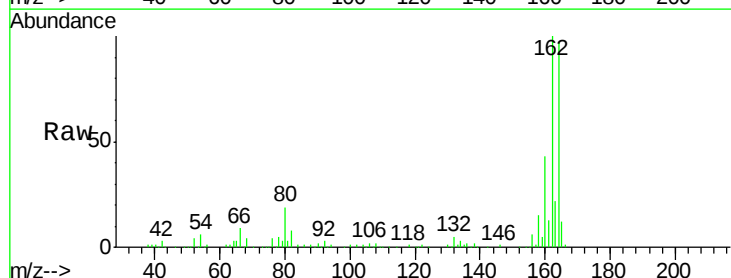
Manual Integrations
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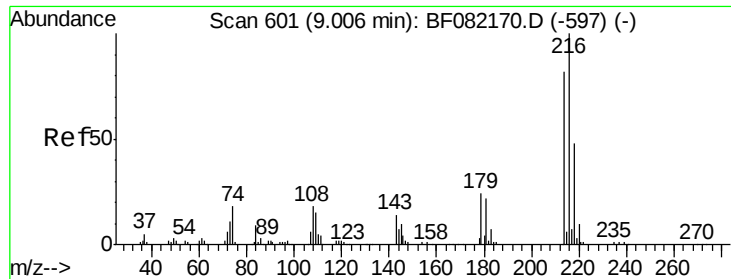
MMDadoda
10/12/2015 2:40:01 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	199595		
162	103.5	81.6	122.4	
160	44.1	36.4	54.6	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.54 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082215.D

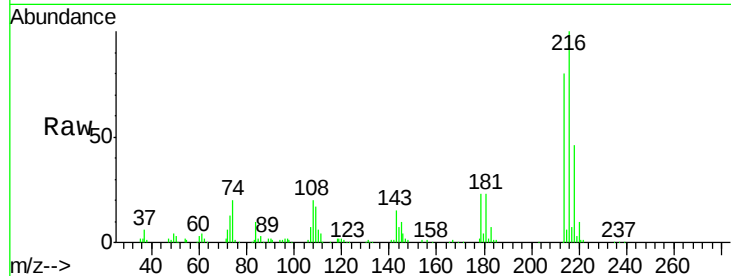
Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 216 Resp: 240664

Ion Ratio Lower Upper

216 100

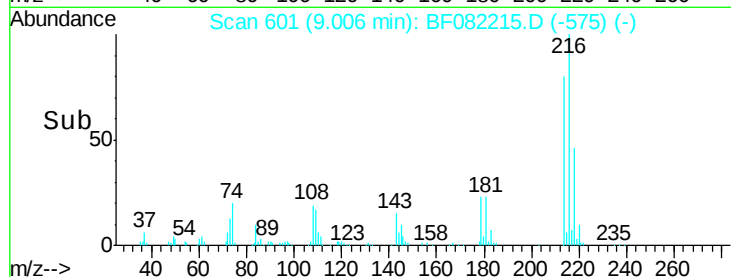
214 78.5 64.6 97.0

179 21.0 17.6 26.4

108 16.4 14.5 21.7

Manual Integrations
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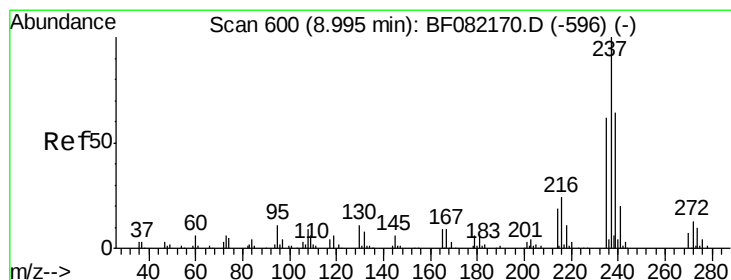
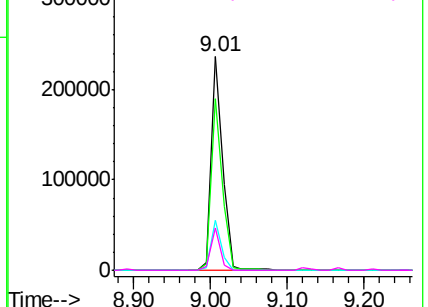


Abundance Ion 216.00 (215.70 to 216.70): E

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: 16.73 ng

RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

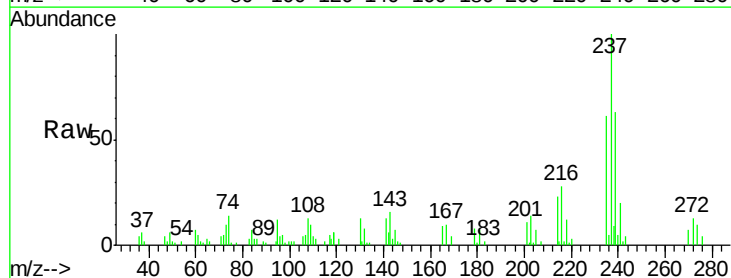
Tgt Ion: 237 Resp: 28254

Ion Ratio Lower Upper

237 100

235 61.0 41.7 81.7

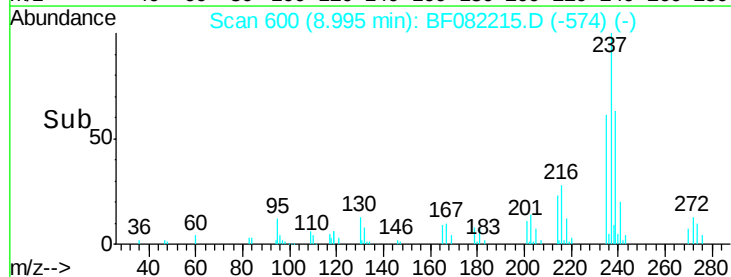
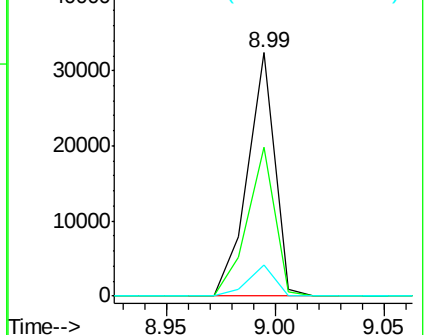
272 13.1 0.0 32.8

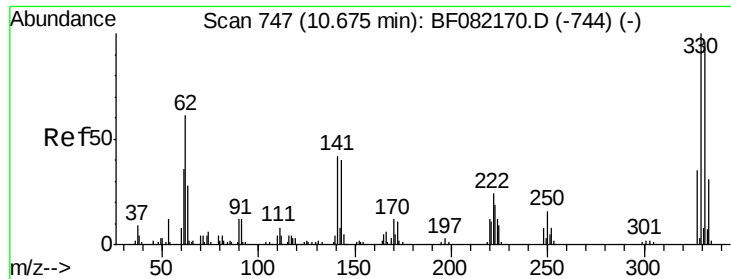


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





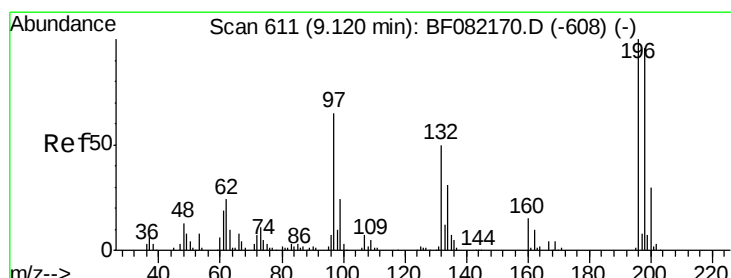
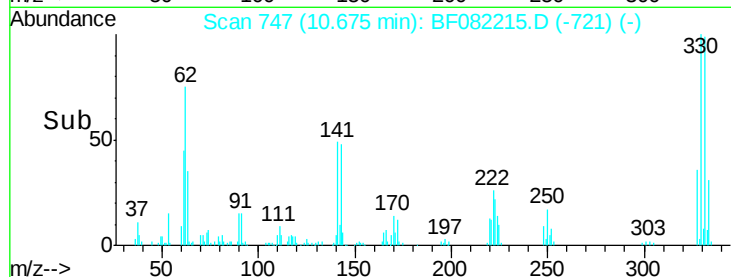
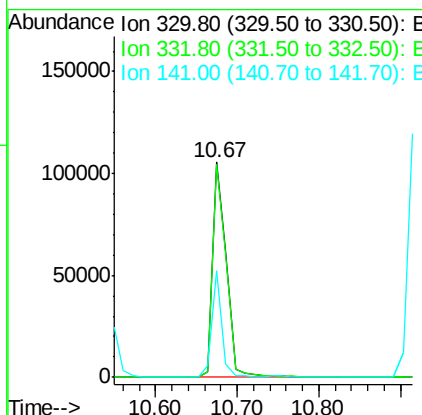
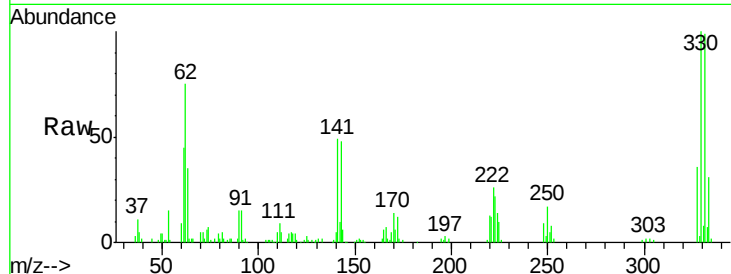
#41
 2,4,6-Tribromophenol
 Concen: 66.58 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	124624		
332	98.4	77.1	115.7	
141	37.0	29.8	44.8	

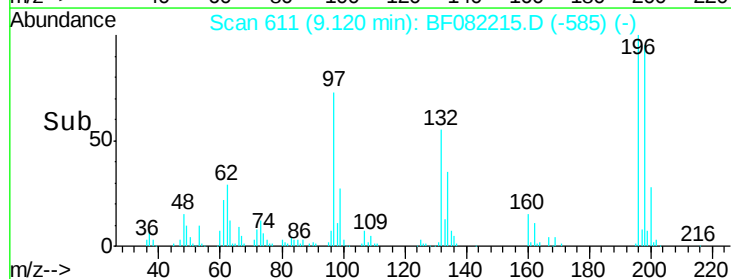
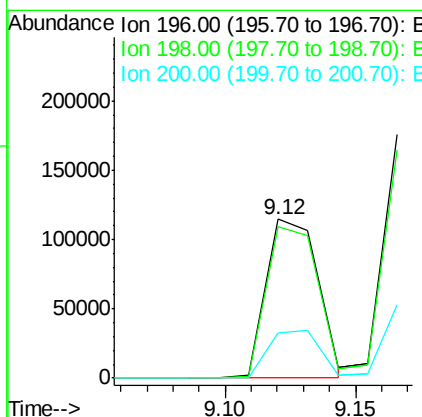
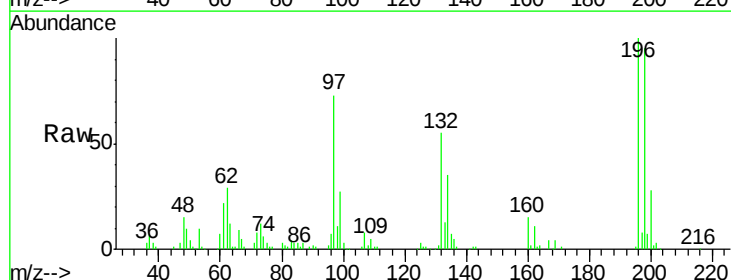
Manual Integrations
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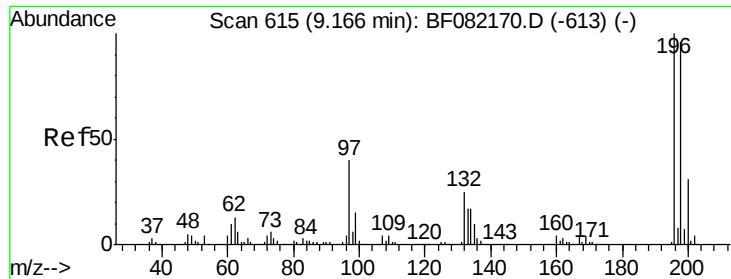
MMDadoda
 10/12/2015 2:40:01 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.13 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

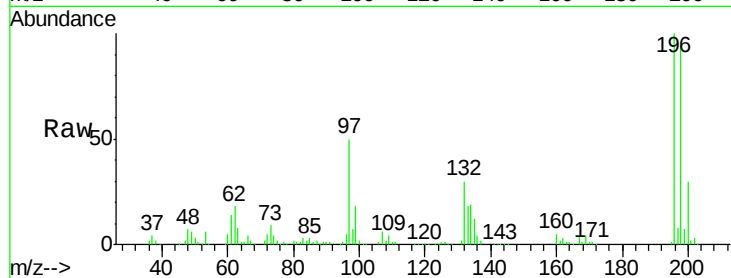
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158224		
198	94.9	76.6	115.0	
200	28.4	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 40.13 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

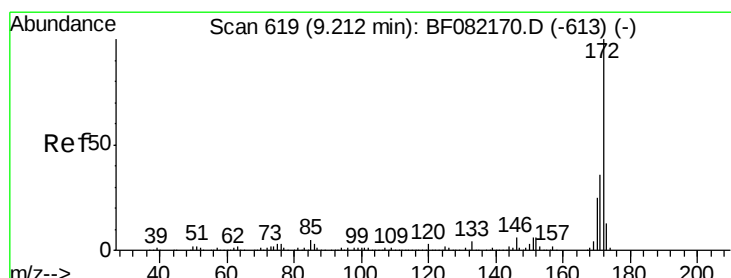
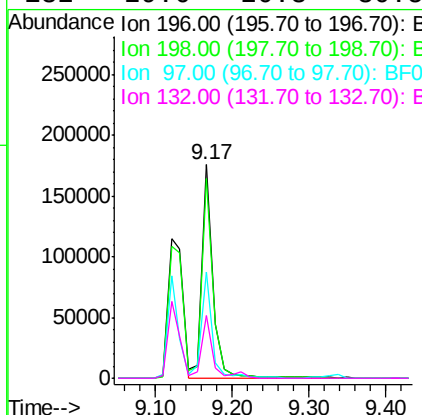
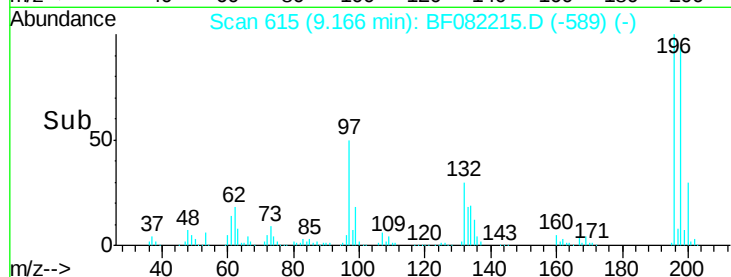
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171407		
198	93.7	77.0	115.4	
97	49.7	31.9	47.9	
132	29.6	20.3	30.5	

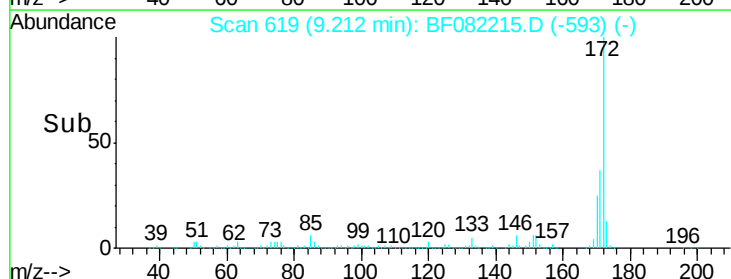
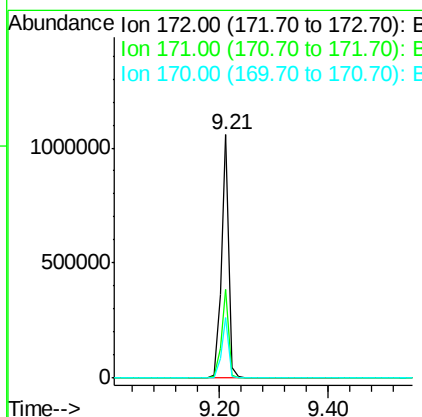
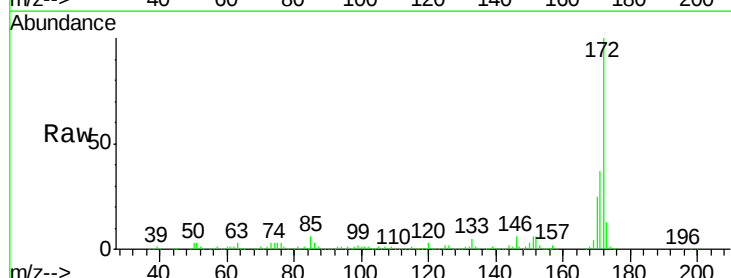
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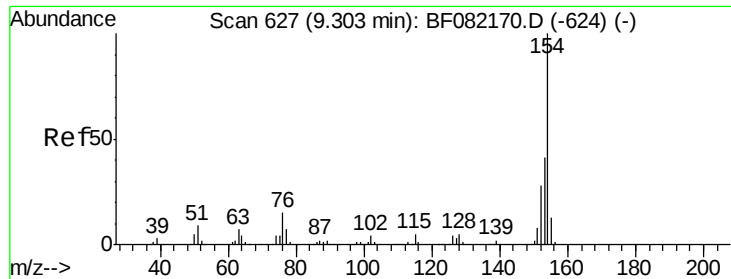
MMDadoda
 10/12/2015 2:40:01 PM



#44
 2-Fluorobiphenyl
 Concen: 86.13 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1036620		
171	36.7	28.6	42.8	
170	25.1	19.7	29.5	





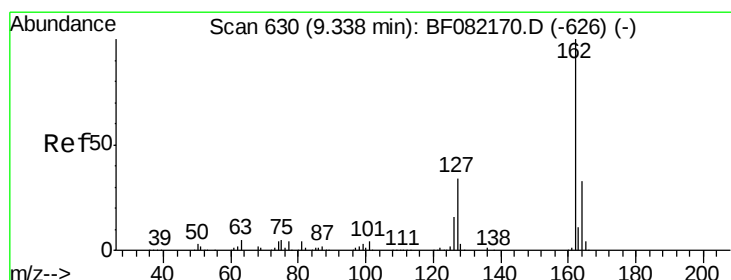
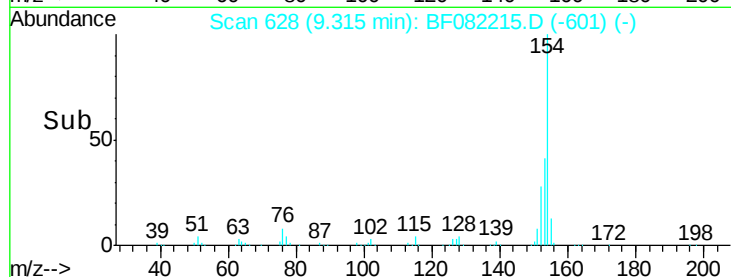
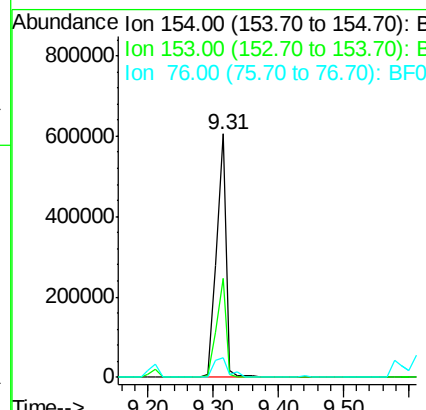
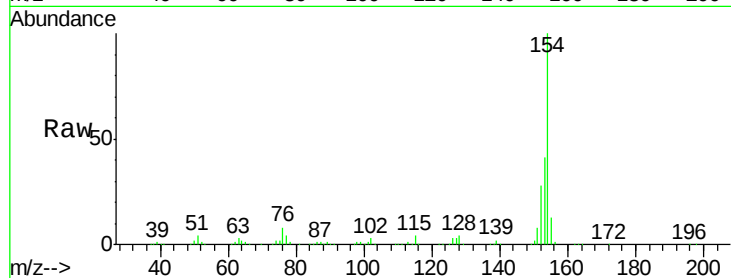
#45
 1,1'-Biphenyl
 Concen: 41.89 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	637627		
153	40.5	20.6	60.6	
76	8.2	0.0	35.2	

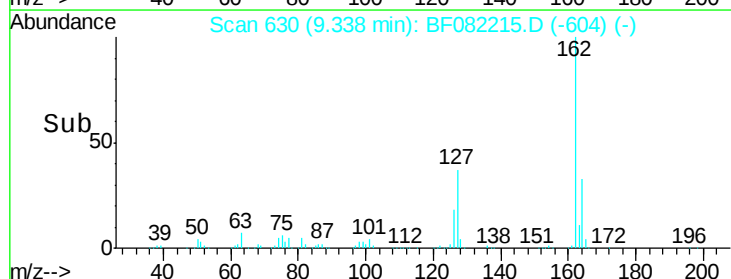
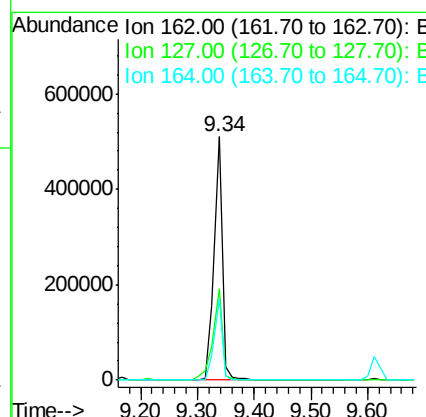
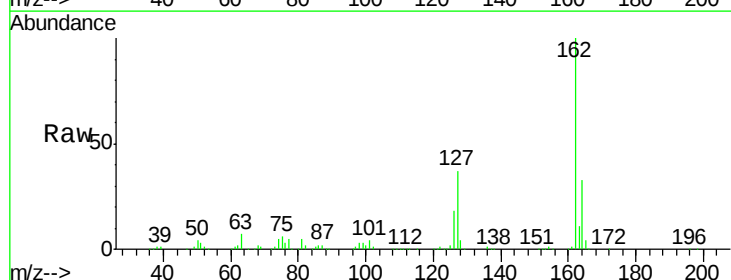
Manual Integrations
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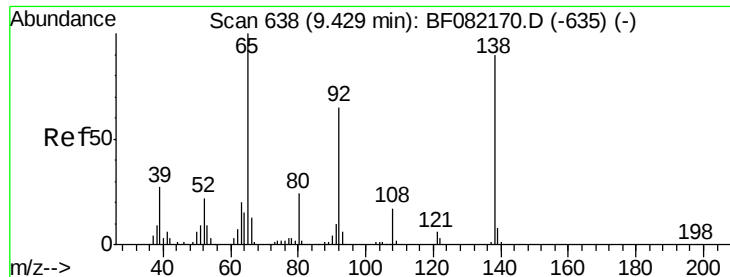
MMDadoda
 10/12/2015 2:40:01 PM



#46
 2-Chloronaphthalene
 Concen: 41.23 ng
 RT: 9.34 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	493981		
127	37.3	27.5	41.3	
164	33.5	26.6	39.8	





#47

2-Nitroaniline

Concen: 45.83 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

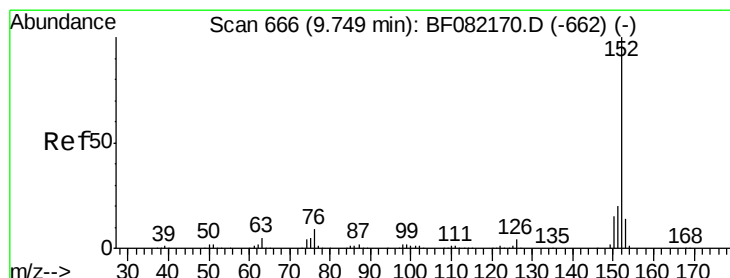
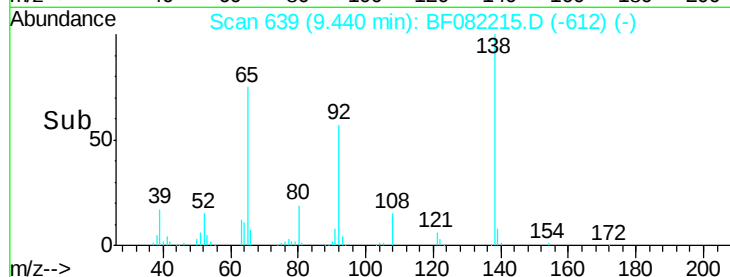
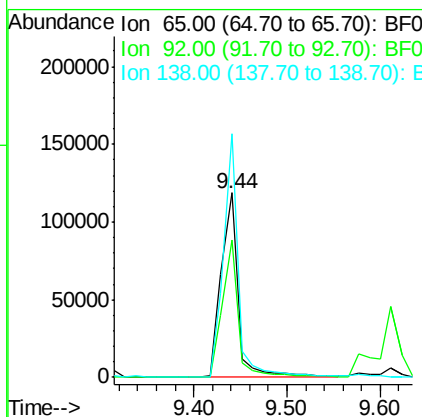
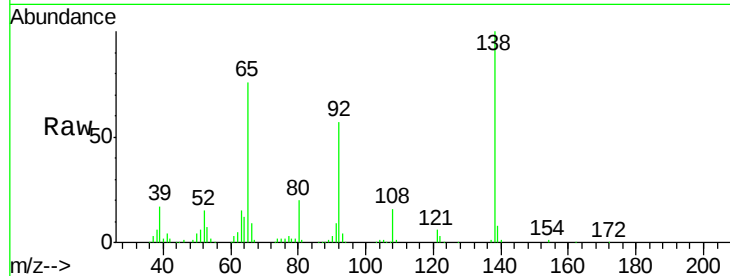
ClientSampleId :

SSTDCCC040EC

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Tgt Ion	Ratio	Resp	Lower	Upper
65	100	150755		
92	74.7	52.3	78.5	
138	132.1	72.2	108.4	



#48

Acenaphthylene

Concen: 38.56 ng

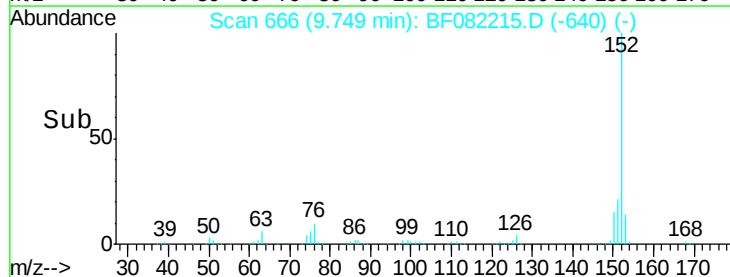
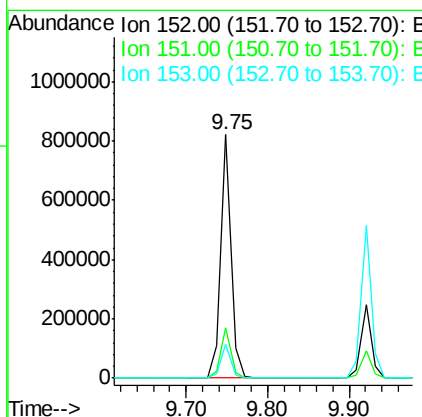
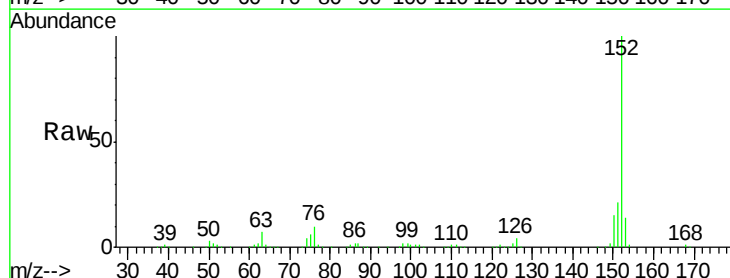
RT: 9.75 min Scan# 666

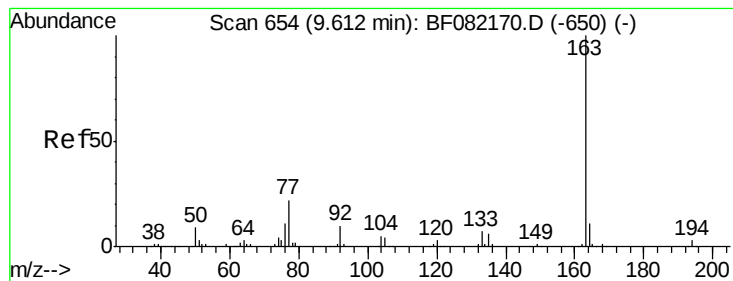
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	719693		
151	20.8	16.4	24.6	
153	13.8	10.8	16.2	





#49

Dimethylphthalate

Concen: 39.64 ng

RT: 9.61 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

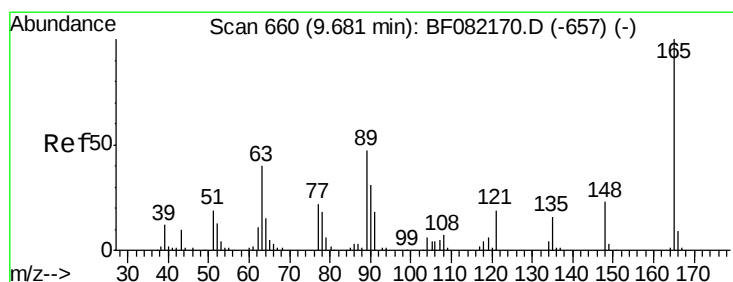
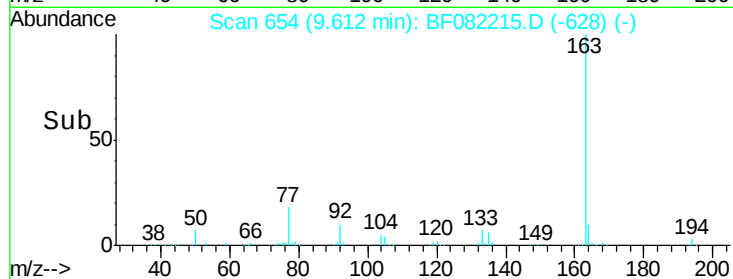
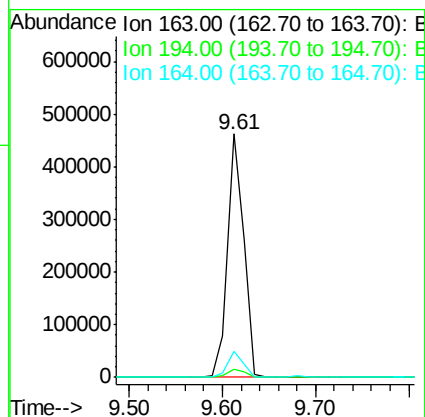
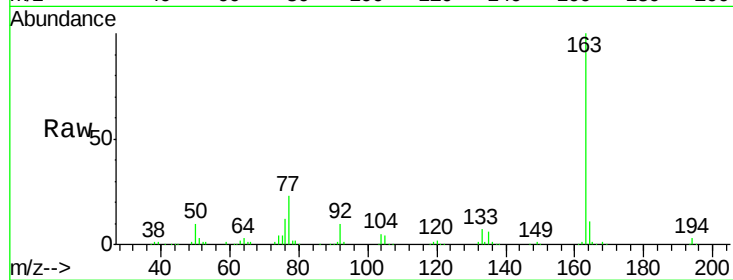
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	163	Resp:	557202
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.7	8.5	12.7

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#50

2,6-Dinitrotoluene

Concen: 38.95 ng

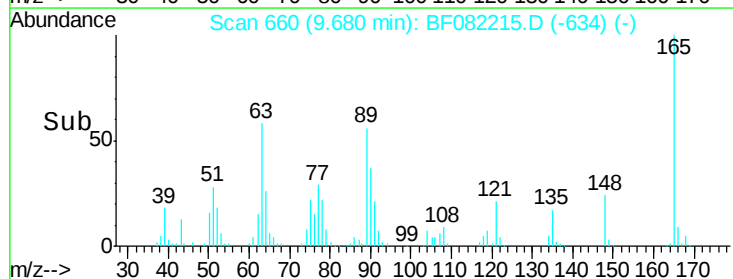
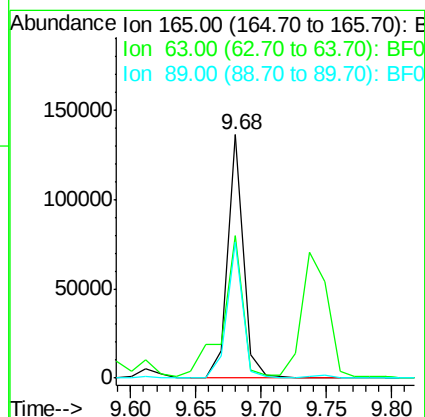
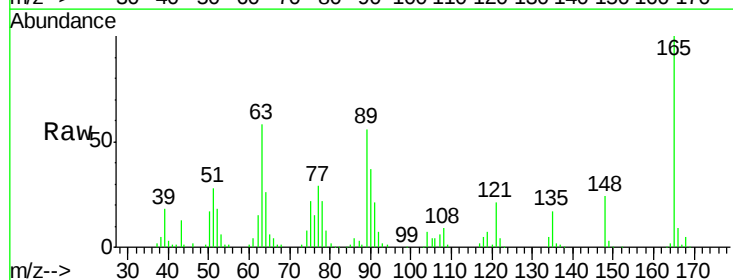
RT: 9.68 min Scan# 660

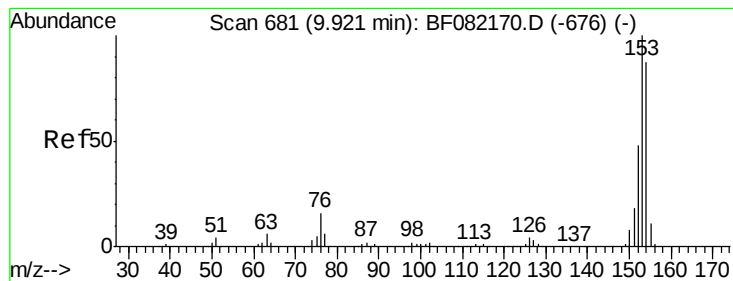
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:	165	Resp:	115514
Ion Ratio	Lower	Upper	
165	100		
63	58.5	36.7	55.1#
89	55.9	37.8	56.6





#51

Acenaphthene

Concen: 36.68 ng

RT: 9.92 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

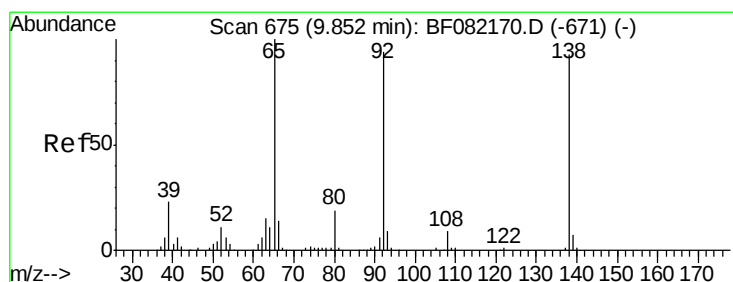
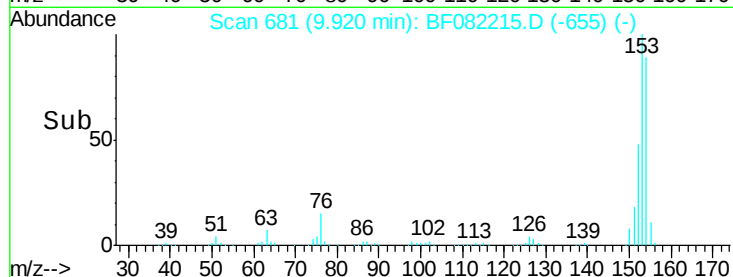
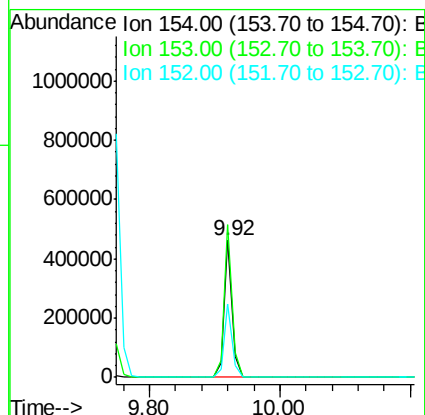
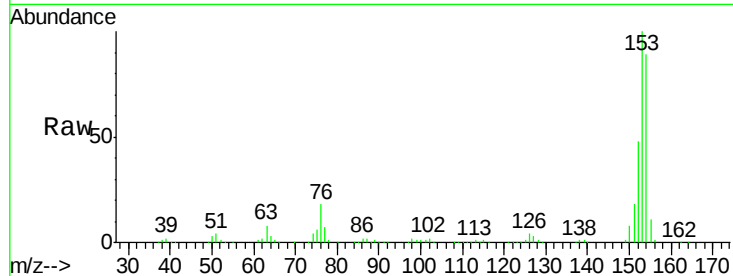
ClientSampleId :

SSTDCCC040EC

Manual Integrations
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MMDadoda
10/12/2015 2:40:01 PM

Tgt Ion:	154	Resp:	410961
Ion Ratio	Lower	Upper	
154	100		
153	111.9	91.4	137.2
152	53.3	44.3	66.5



#52

3-Nitroaniline

Concen: 42.75 ng

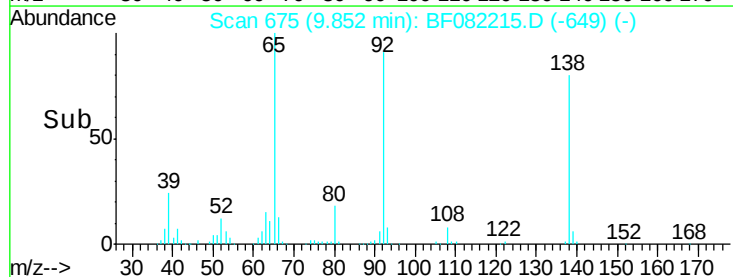
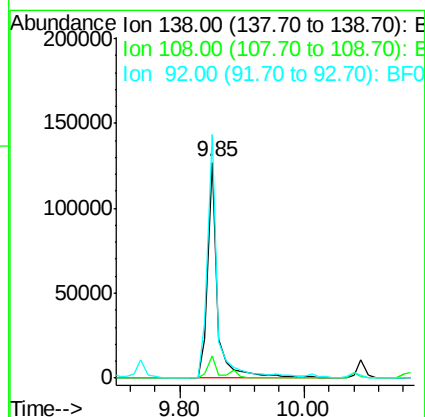
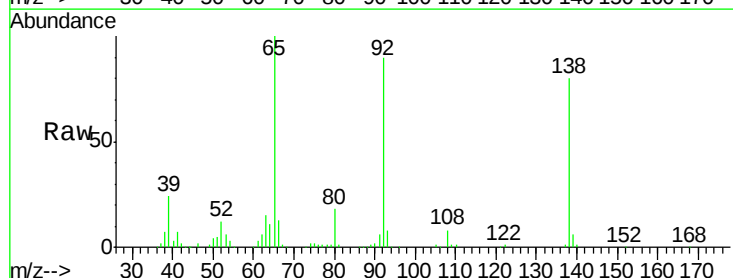
RT: 9.85 min Scan# 675

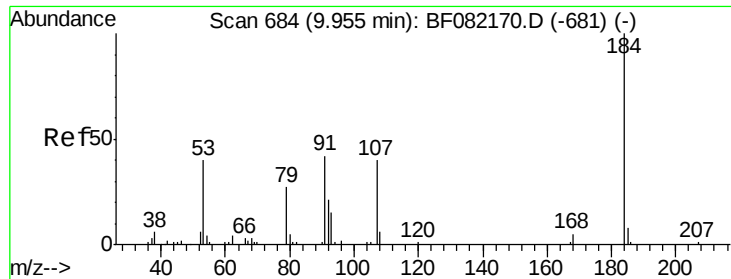
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

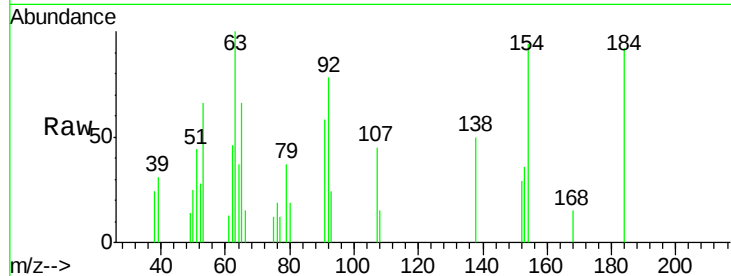
Tgt Ion:	138	Resp:	143208
Ion Ratio	Lower	Upper	
138	100		
108	10.0	7.4	11.0
92	112.8	81.3	121.9





#53
2,4-Dinitrophenol
Concen: 10.19 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

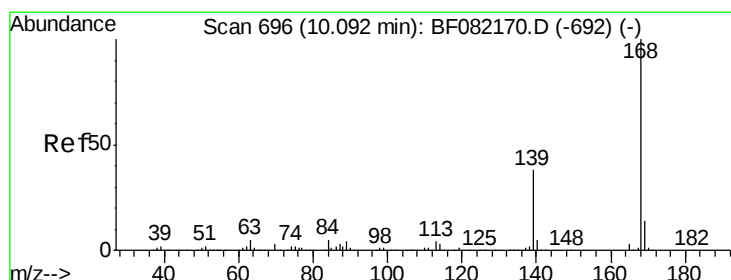
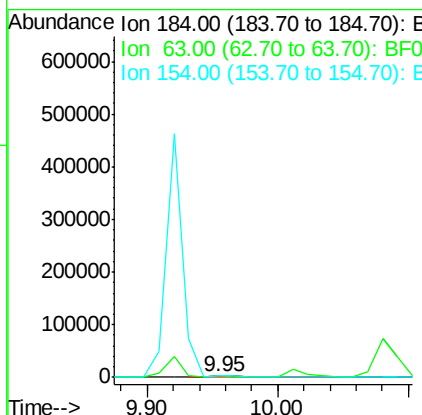
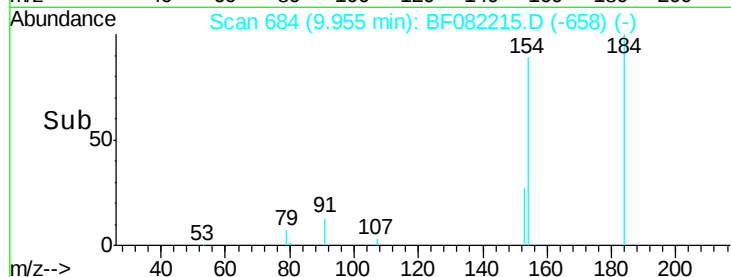
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
184	100		
63	108.5	45.1	67.7#
154	102.4	51.2	76.8#

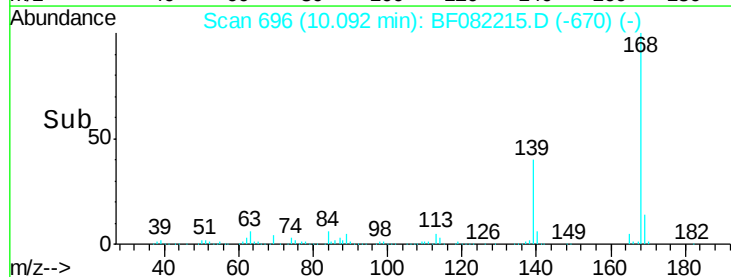
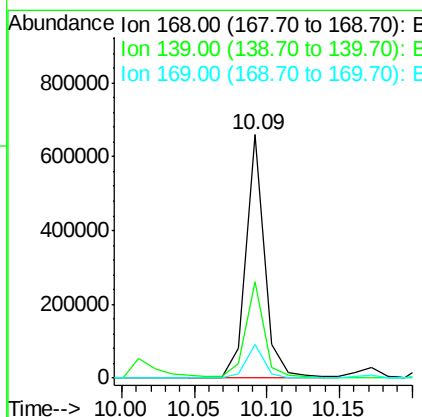
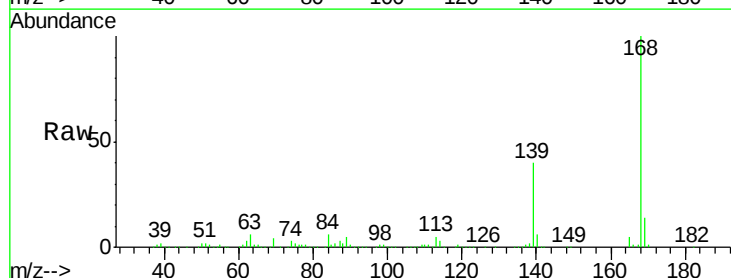
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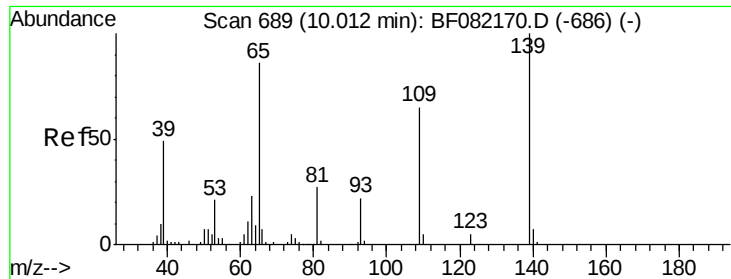
MMDadoda
10/12/2015 2:40:01 PM



#54
Dibenzofuran
Concen: 38.46 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.0	46.6
169	13.9	10.9	16.3





#55

4-Nitrophenol

Concen: 37.19 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

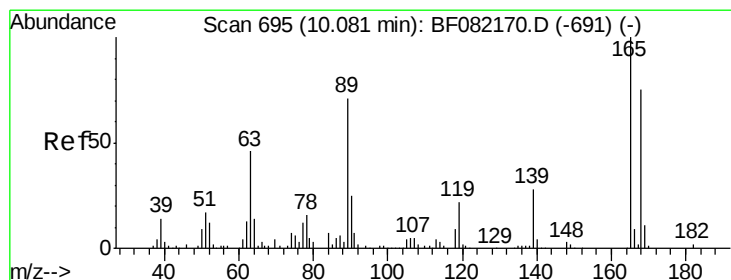
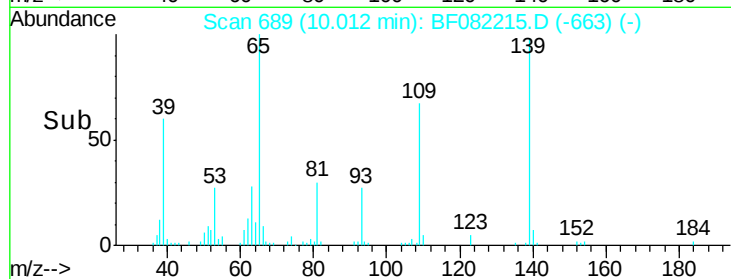
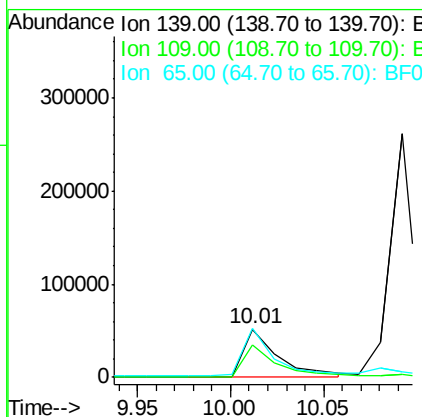
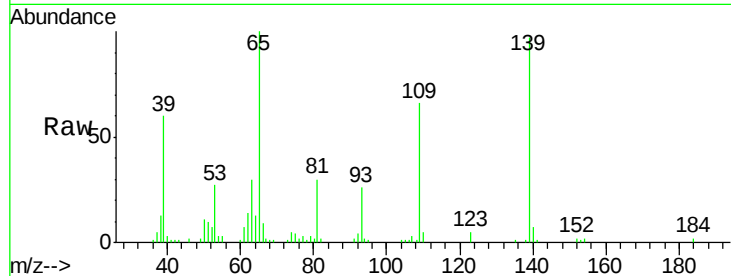
ClientSampleId :

SSTDCCC040EC

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Tgt Ion:	139	Resp:	68038
Ion Ratio	Lower	Upper	
139	100		
109	68.1	44.8	84.8
65	102.9	67.7	107.7



#56

2,4-Dinitrotoluene

Concen: 36.15 ng

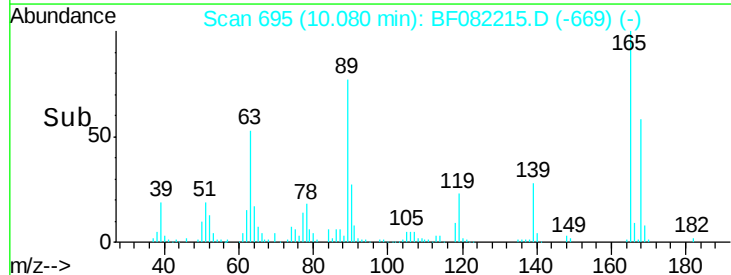
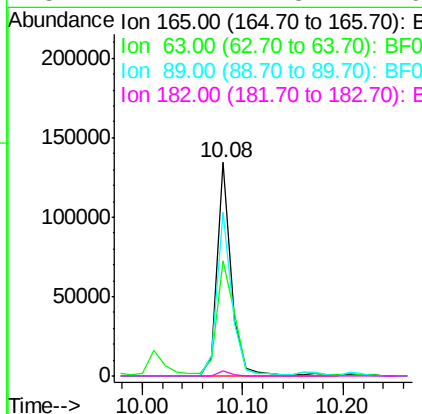
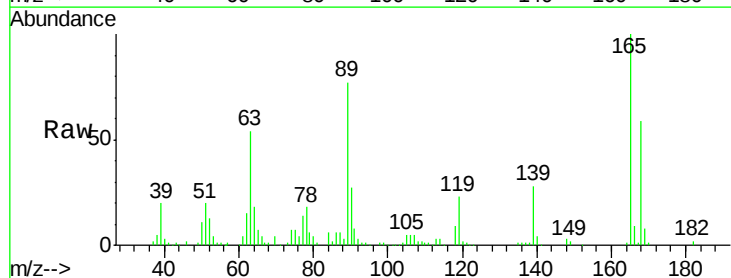
RT: 10.08 min Scan# 695

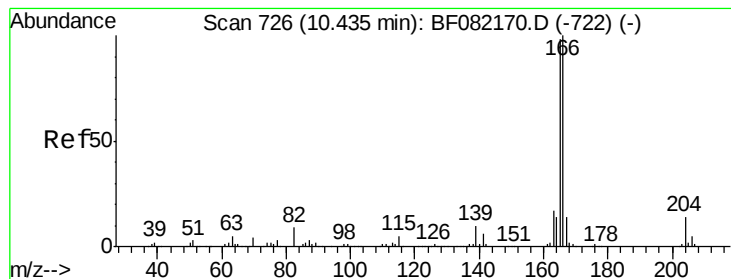
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:	165	Resp:	134001
Ion Ratio	Lower	Upper	
165	100		
63	54.2	38.6	58.0
89	76.7	57.0	85.6
182	2.1	1.8	2.6





#57

Fluorene

Concen: 37.03 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082215.D

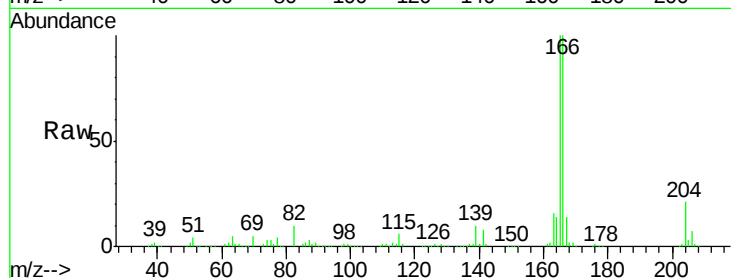
Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

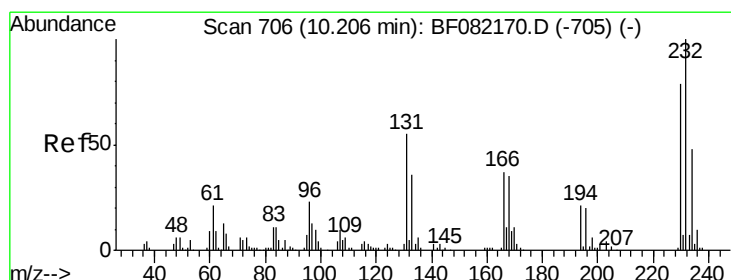
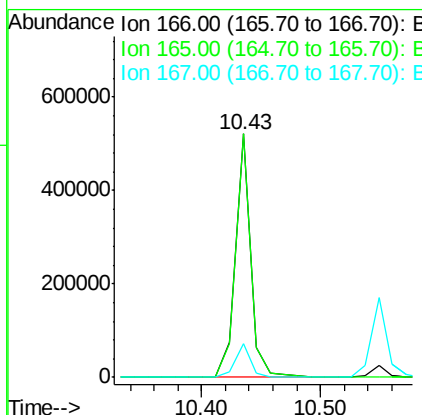
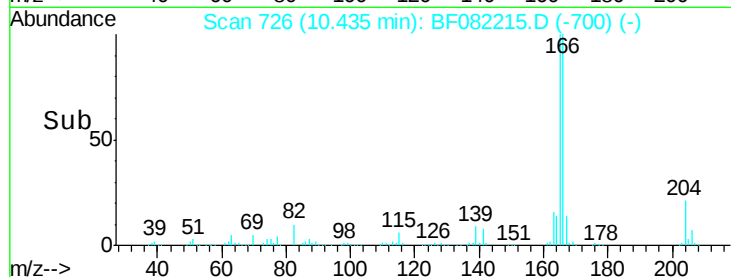
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.3	117.5
167	13.6	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

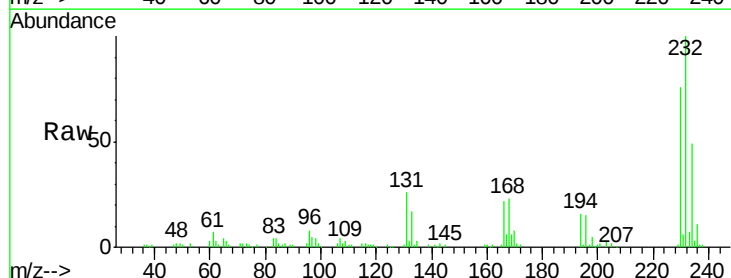
Concen: 36.14 ng

RT: 10.22 min Scan# 707

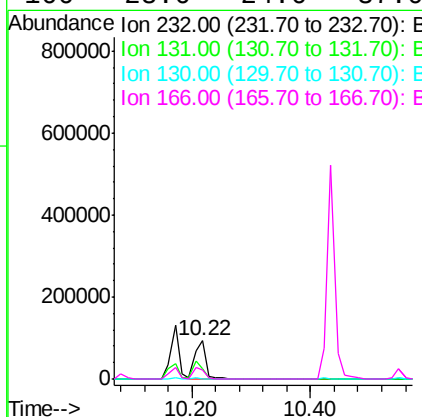
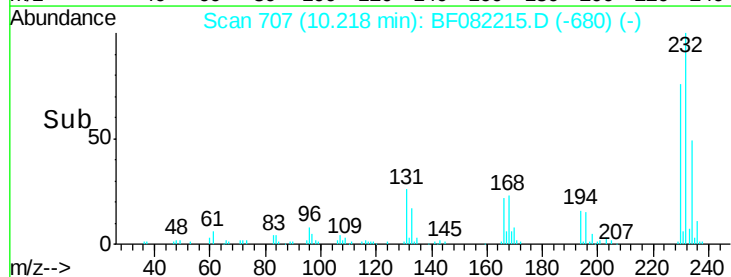
Delta R.T. 0.01 min

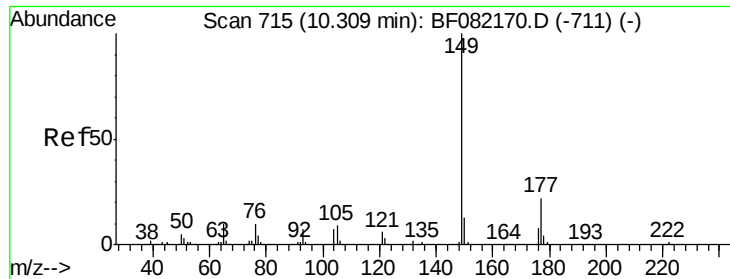
Lab File: BF082215.D

Acq: 11 Oct 2015 10:38



Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.1	36.6	54.8
130	1.7	1.5	2.3
166	28.6	24.6	37.0





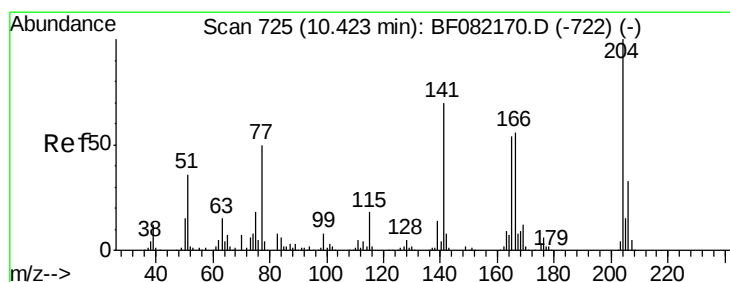
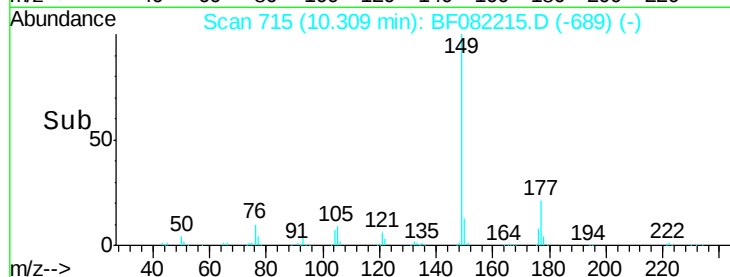
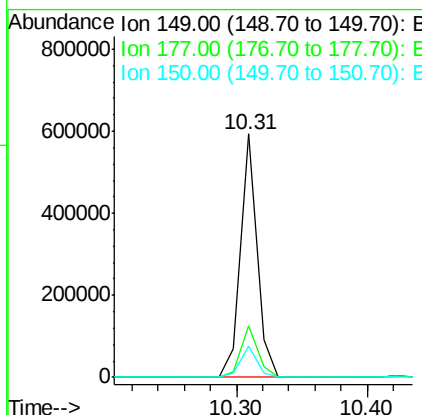
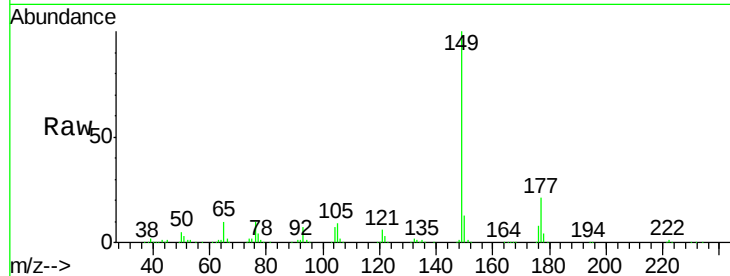
#59
Diethylphthalate
Concen: 39.81 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	521526		
177	21.3	17.6	26.4	
150	12.9	10.3	15.5	

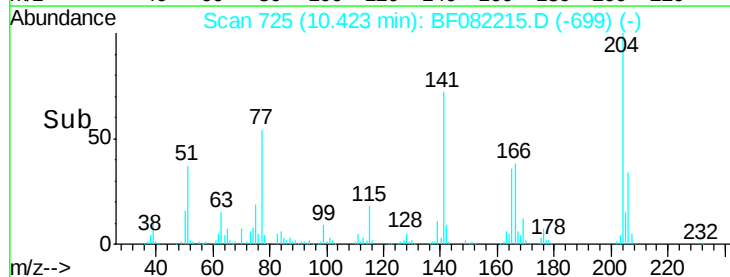
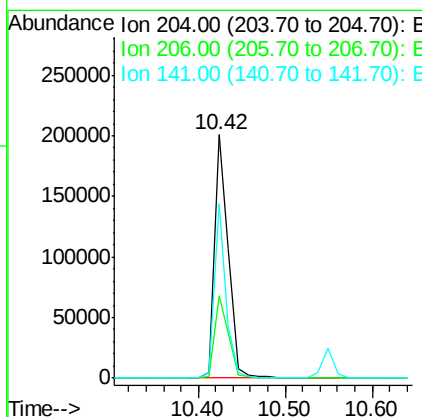
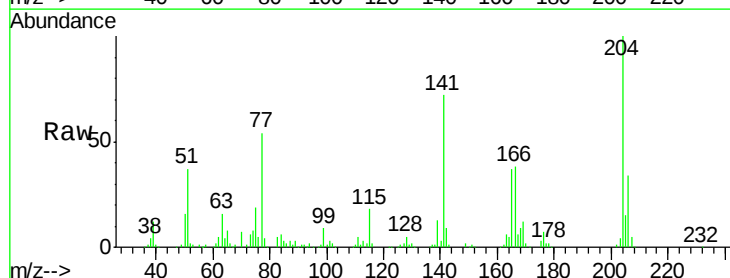
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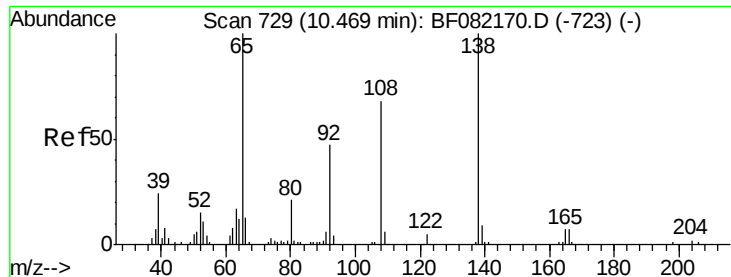
MMDadoda
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#60
4-Chlorophenyl-phenylether
Concen: 38.72 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	224073		
206	33.7	26.8	40.2	
141	71.6	56.1	84.1	





#61

4-Nitroaniline

Concen: 42.57 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

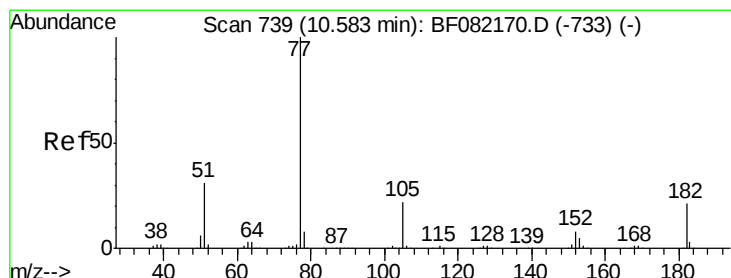
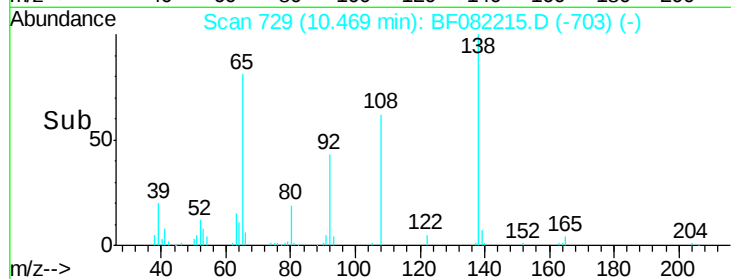
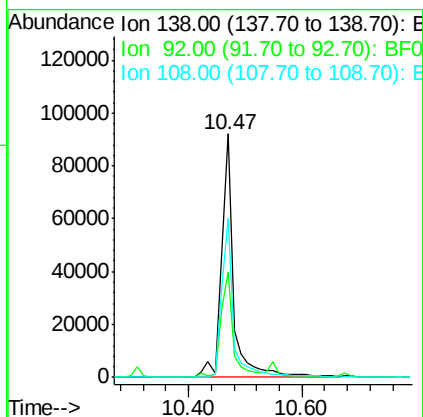
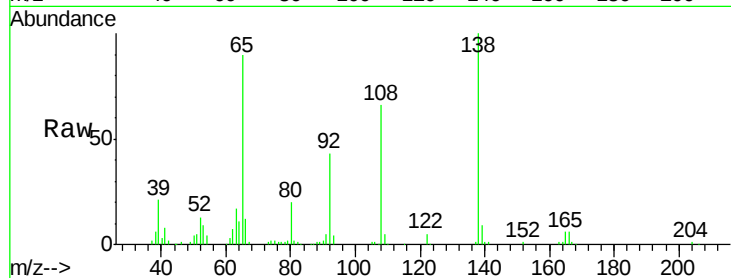
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	138	Resp:	138331
Ion Ratio	Lower	Upper	
138	100		
92	43.2	26.8	66.8
108	65.5	48.4	88.4

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#62

Azobenzene

Concen: 36.42 ng

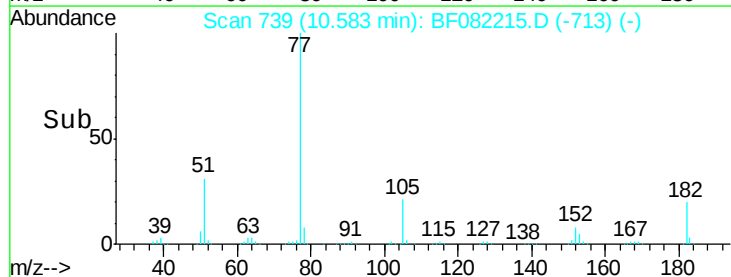
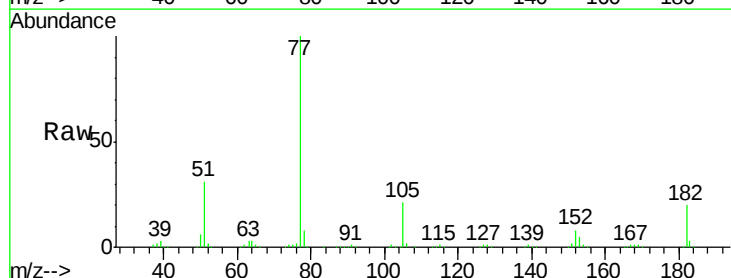
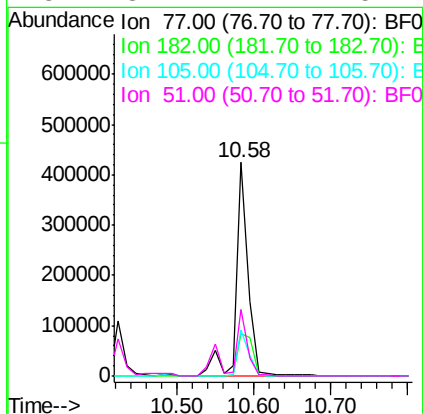
RT: 10.58 min Scan# 739

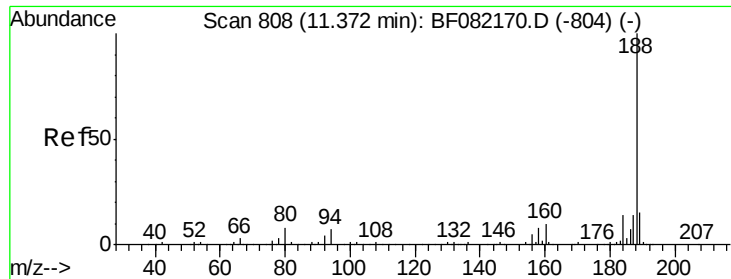
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:	77	Resp:	466967
Ion Ratio	Lower	Upper	
77	100		
182	20.0	0.5	40.5
105	21.3	1.8	41.8
51	31.2	11.2	51.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

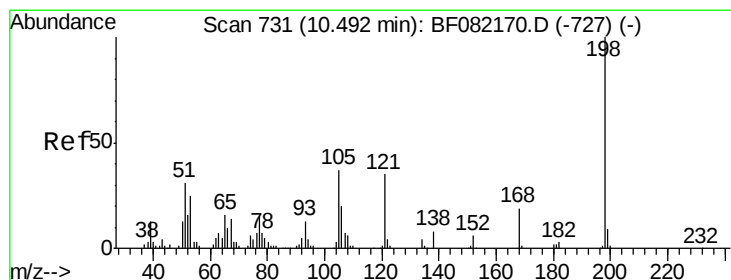
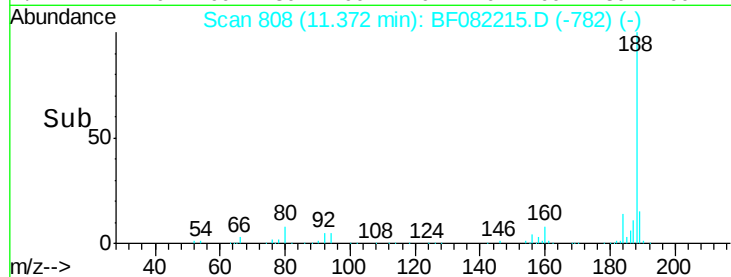
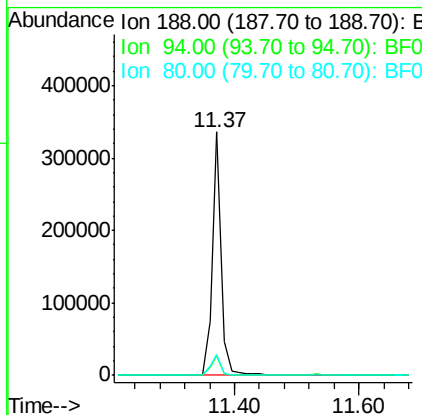
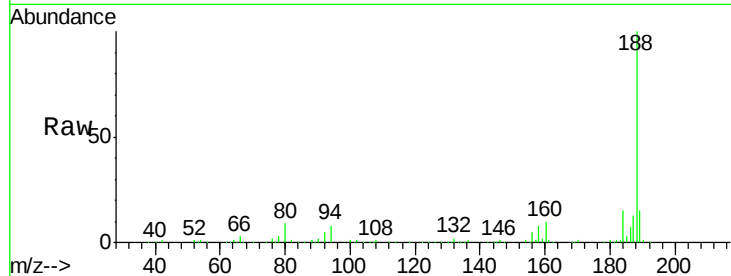
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	188	Resp:	328944
Ion Ratio	Lower	Upper	
188	100		
94	8.1	5.8	8.6
80	8.6	6.4	9.6

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#64

4,6-Dinitro-2-methylphenol

Concen: 8.18 ng

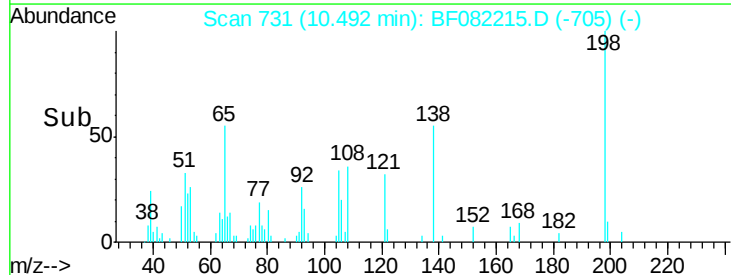
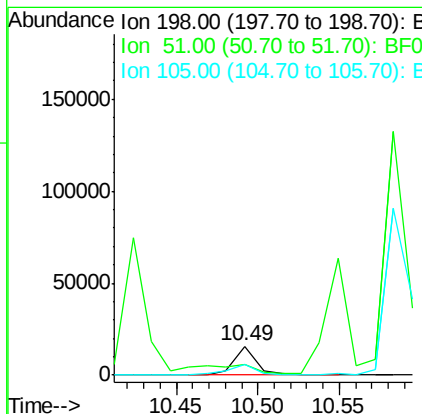
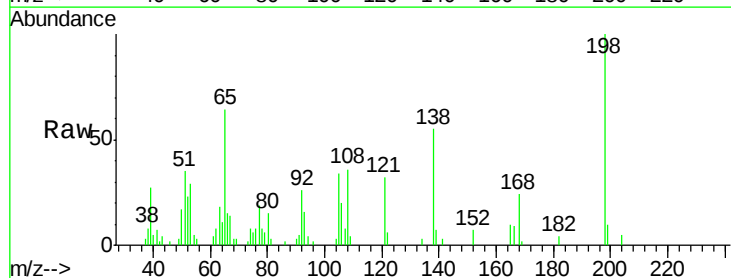
RT: 10.49 min Scan# 731

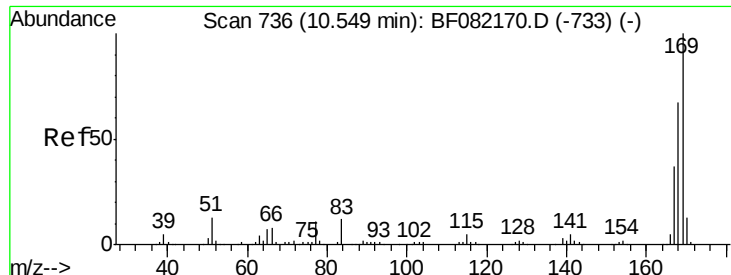
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:	198	Resp:	15102
Ion Ratio	Lower	Upper	
198	100		
51	34.9	13.6	53.6
105	34.4	17.1	57.1





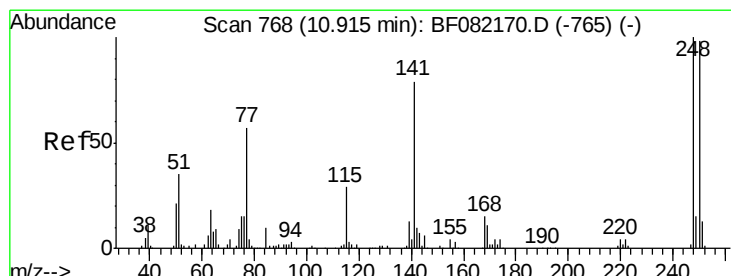
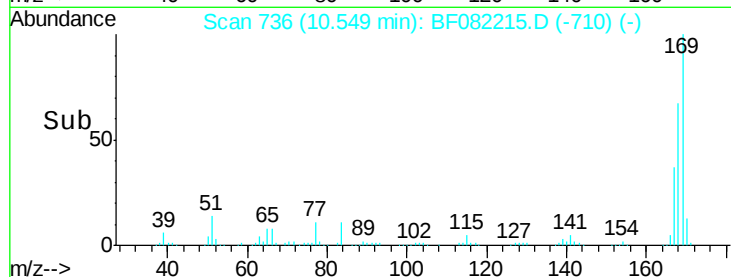
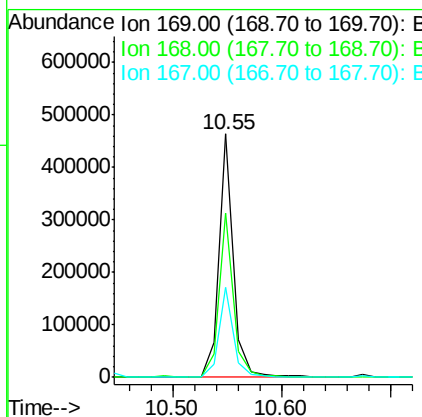
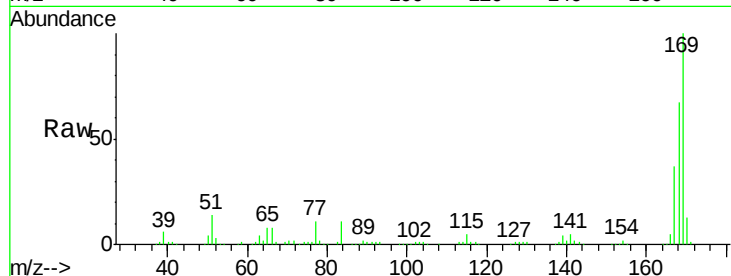
#65
 n-Nitrosodiphenylamine
 Concen: 43.86 ng
 RT: 10.55 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	432015		
168	67.4	54.0	81.0	
167	36.8	29.6	44.4	

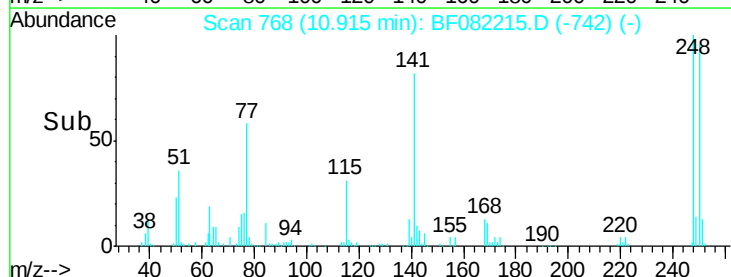
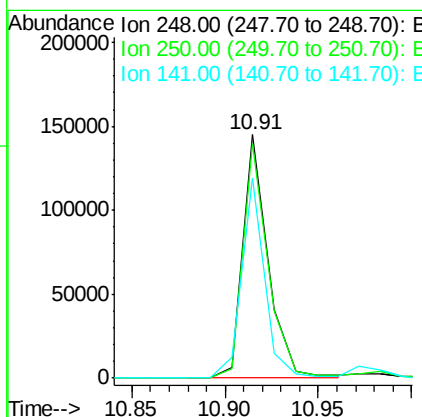
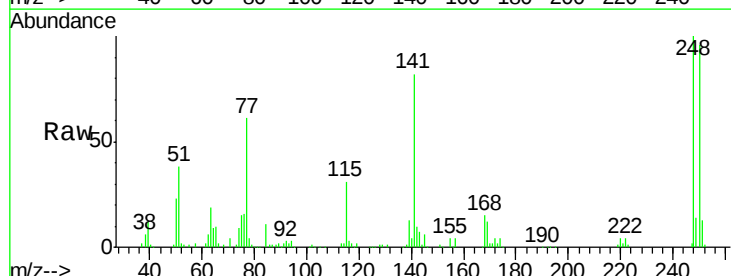
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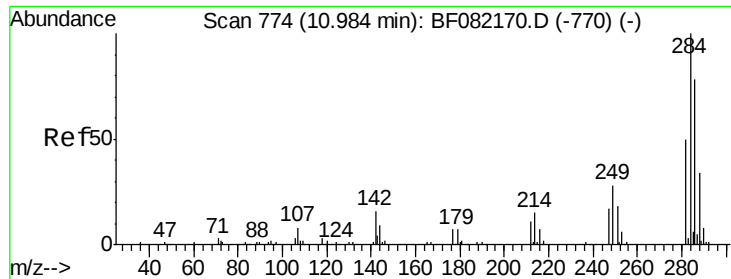
MMDadoda
 10/12/2015 2:40:01 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.39 ng
 RT: 10.91 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	136252		
250	96.3	78.6	117.8	
141	82.3	63.3	94.9	





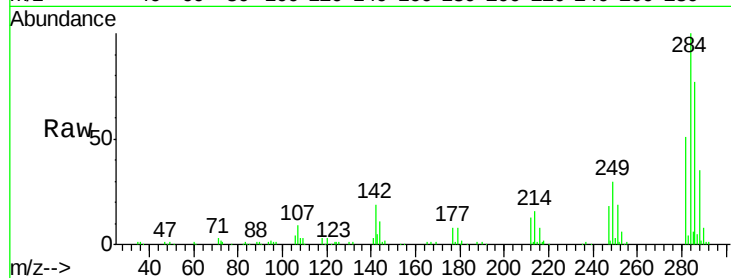
#67
Hexachlorobenzene
Concen: 42.00 ng
RT: 10.98 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

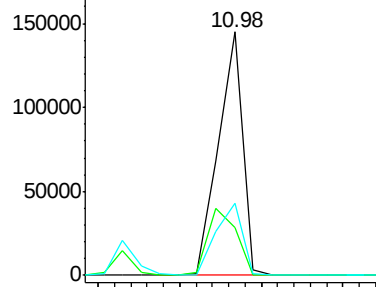
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	19.5	13.0	19.6
249	29.8	22.5	33.7

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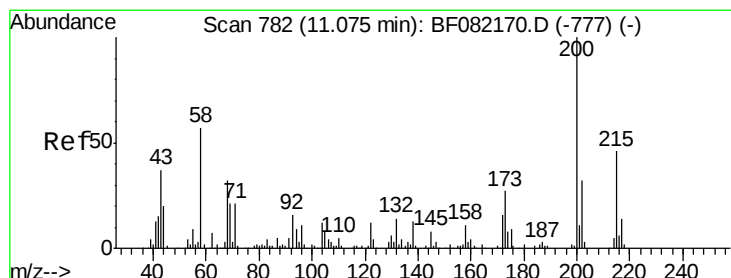
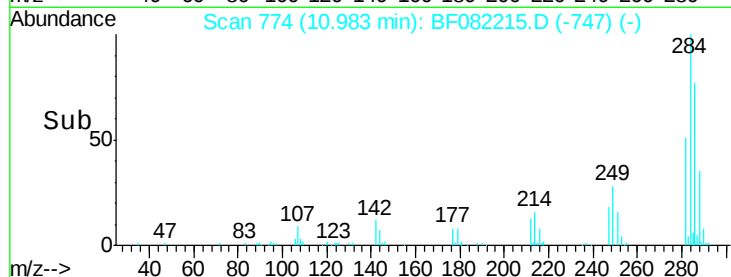
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

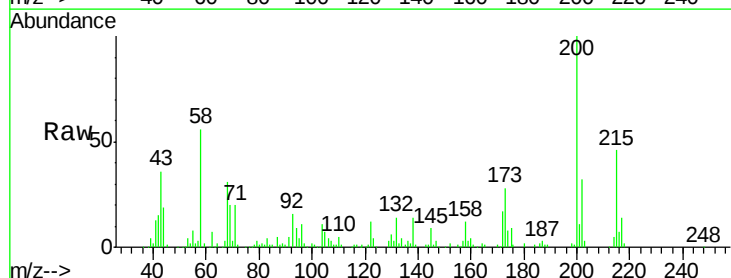


Time-->

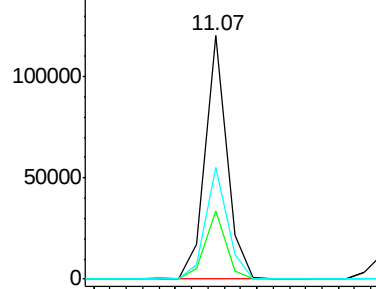


#68
Atrazine
Concen: 35.29 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

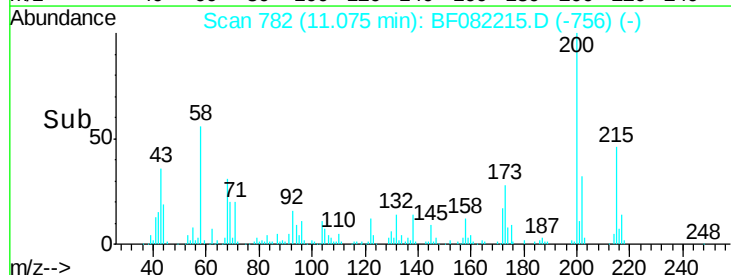
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.0	7.3	47.3
215	46.0	26.2	66.2

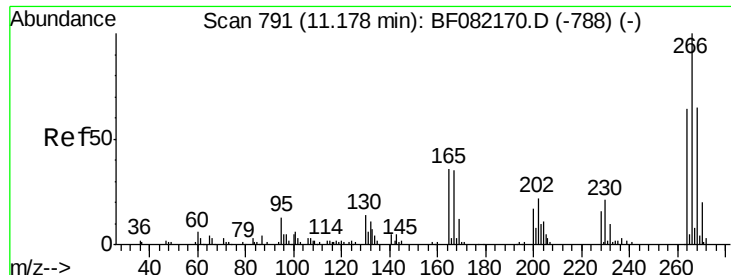


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



Time-->





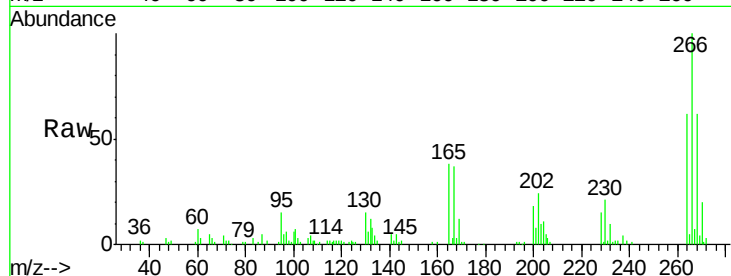
#69
 Pentachlorophenol
 Concen: 39.82 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

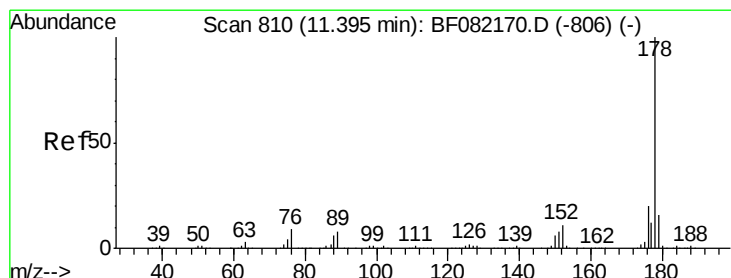
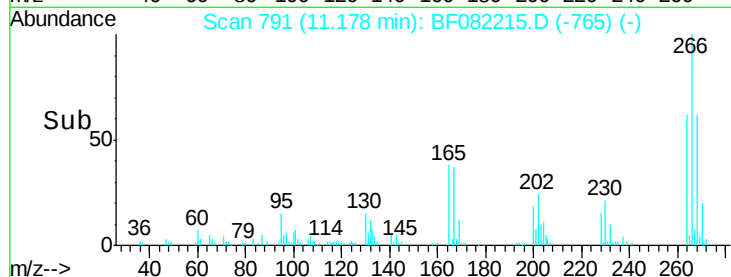
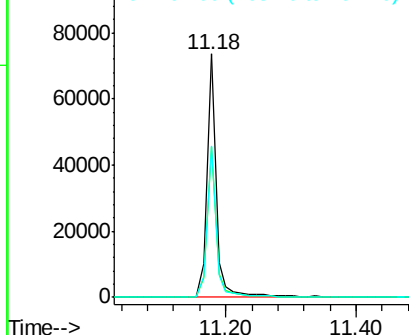
Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	52.0	78.0
264	62.3	51.4	77.0

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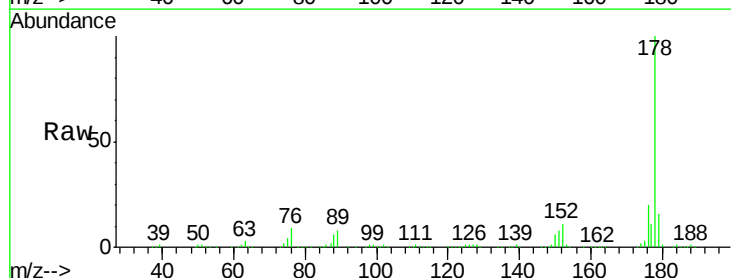


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

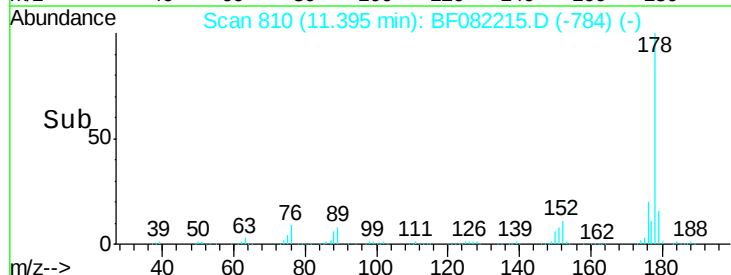
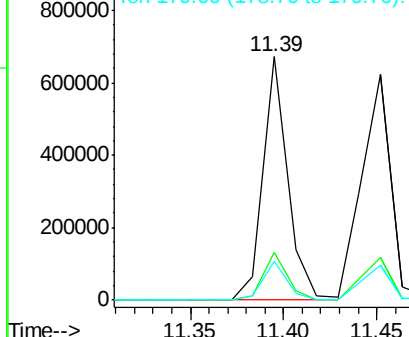


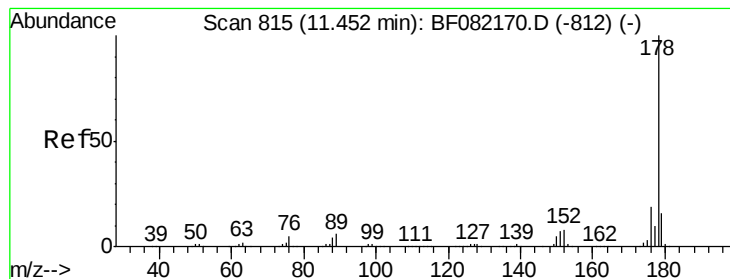
#70
 Phenanthrene
 Concen: 38.10 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.9	12.6	19.0



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: 41.58 ng

RT: 11.45 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082215.D

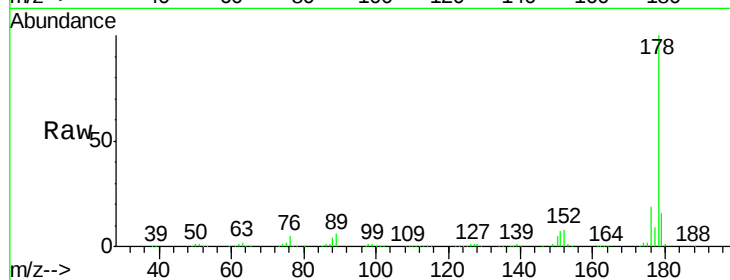
Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:178 Resp: 690807

Ion Ratio Lower Upper

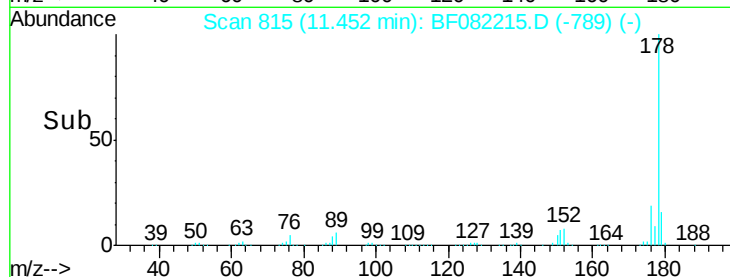
178 100

176 18.8 15.4 23.0

179 15.6 12.5 18.7

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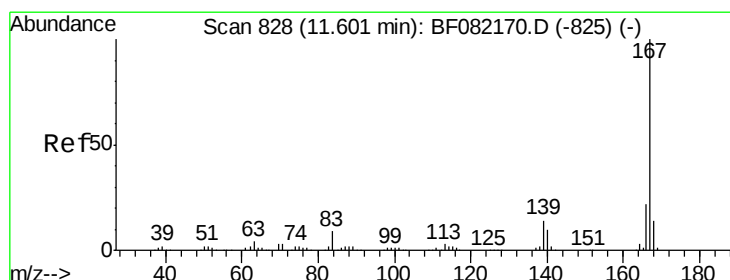
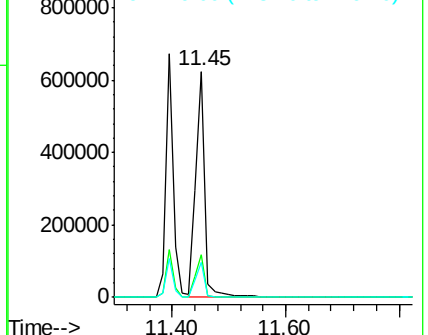
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.22 ng

RT: 11.61 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

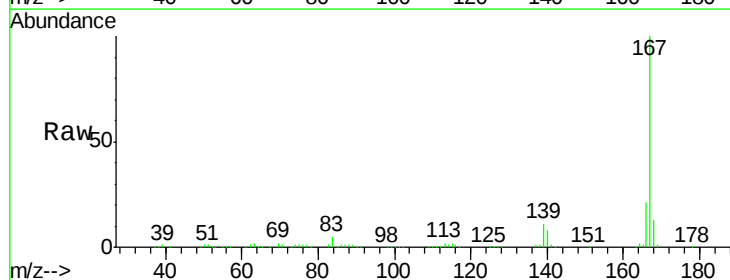
Tgt Ion:167 Resp: 579255

Ion Ratio Lower Upper

167 100

166 21.2 17.3 25.9

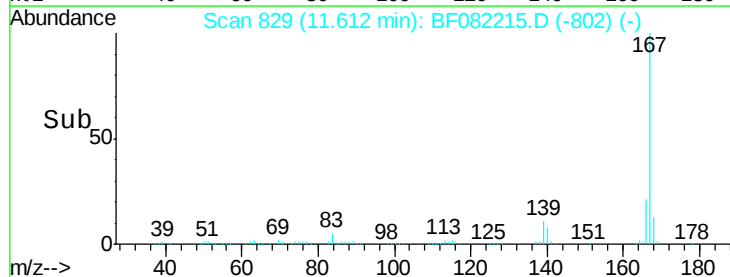
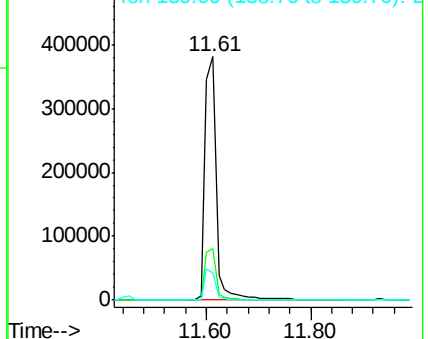
139 11.1 11.2 16.8#

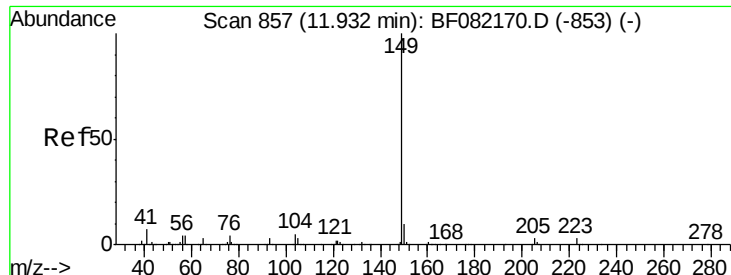


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.96 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082215.D

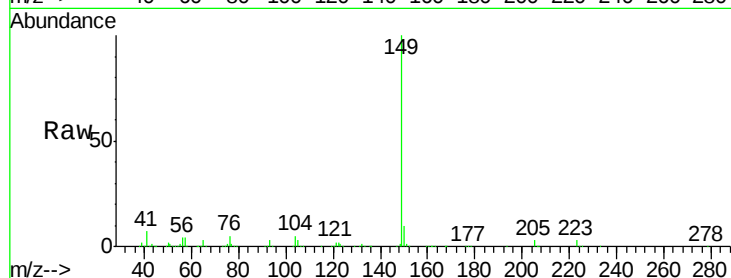
Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

ClientSampleId :

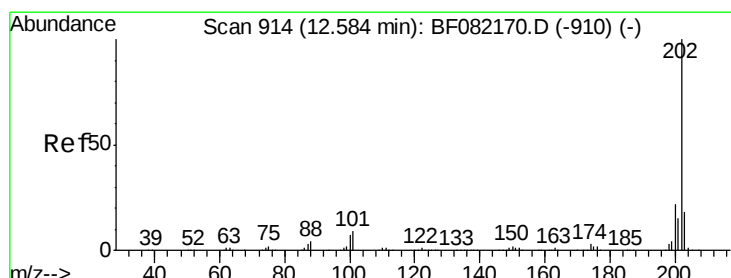
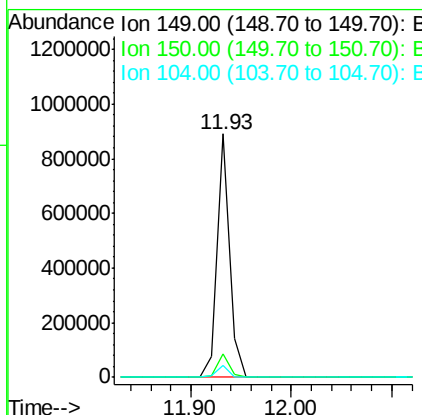
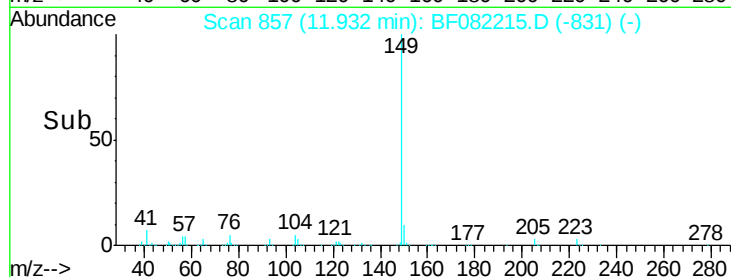
SSTDCCC040EC



Tgt Ion:	149	Resp:	765853
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	4.8	3.8	5.8

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#74

Fluoranthene

Concen: 36.43 ng

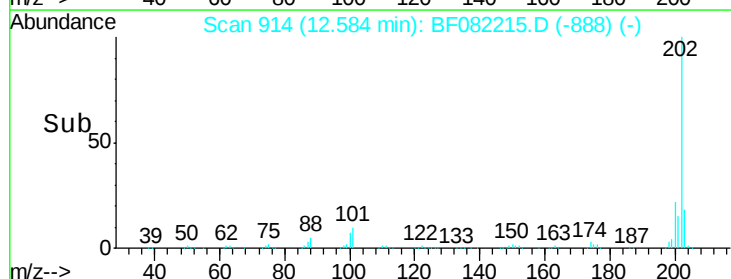
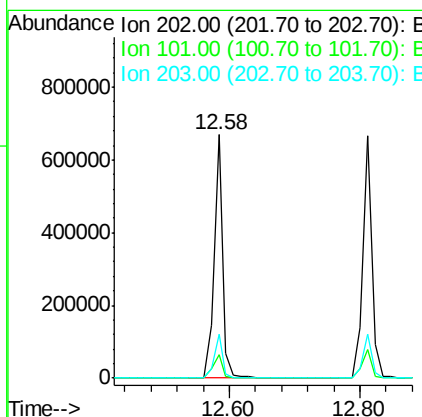
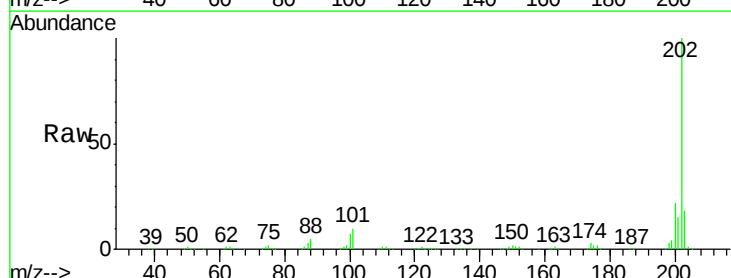
RT: 12.58 min Scan# 914

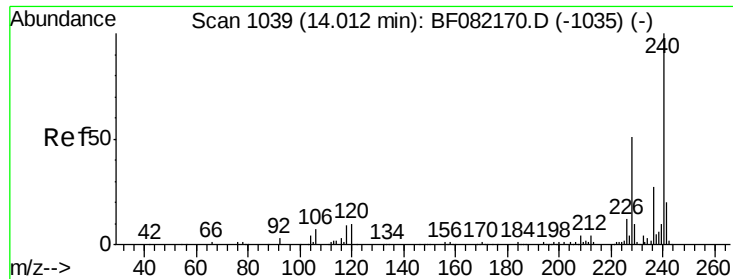
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:	202	Resp:	630886
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.3
203	18.1	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Instrument :

BNA_F

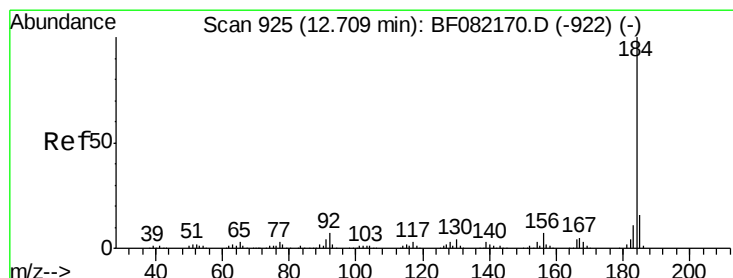
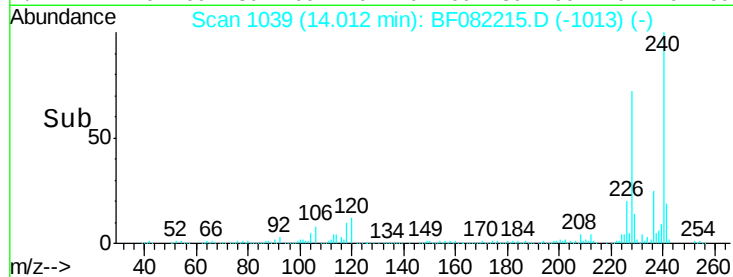
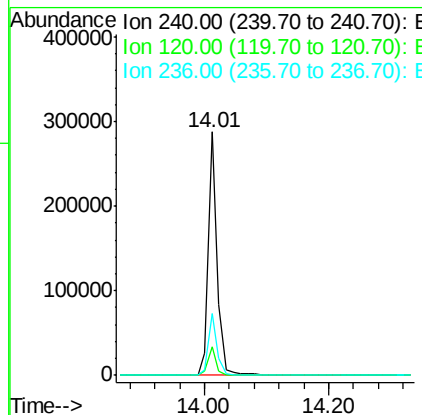
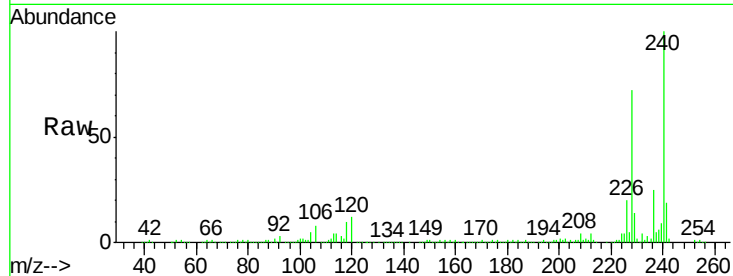
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	240	Resp:	286326
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.1	12.1
236	25.3	21.3	31.9

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#76

Benzidine

Concen: 38.10 ng

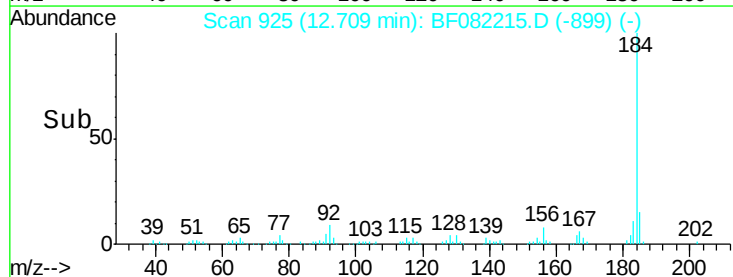
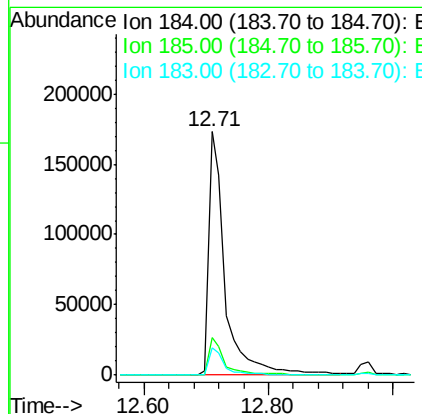
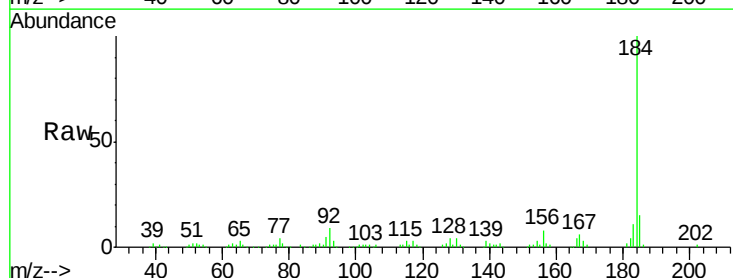
RT: 12.71 min Scan# 925

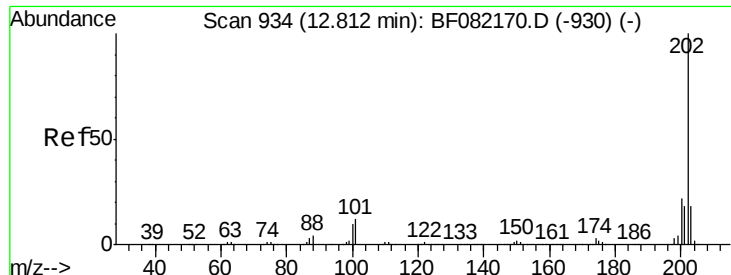
Delta R.T. 0.00 min

Lab File: BF082215.D

Acq: 11 Oct 2015 10:38

Tgt Ion:	184	Resp:	316145
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.5	18.7
183	11.3	9.1	13.7





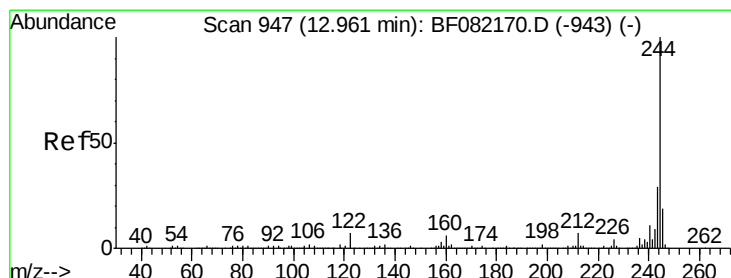
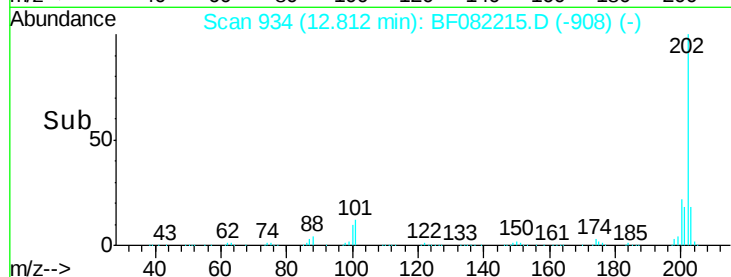
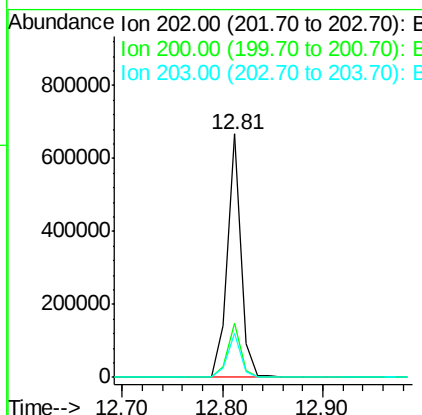
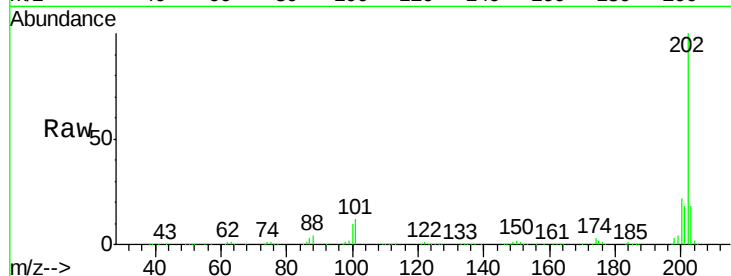
#77
Pyrene
Concen: 36.96 ng
RT: 12.81 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.1	17.9	26.9
203	18.1	14.5	21.7

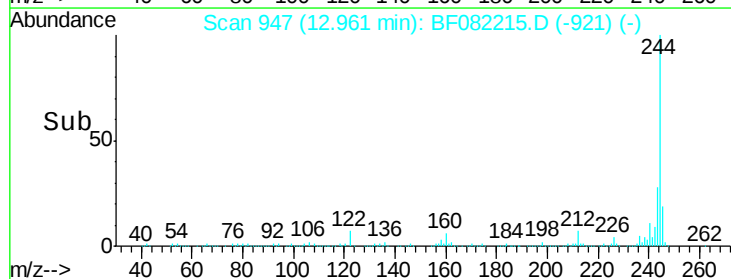
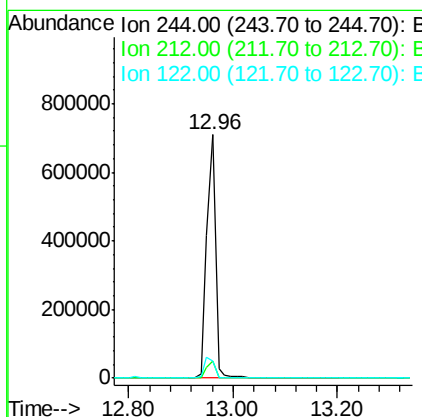
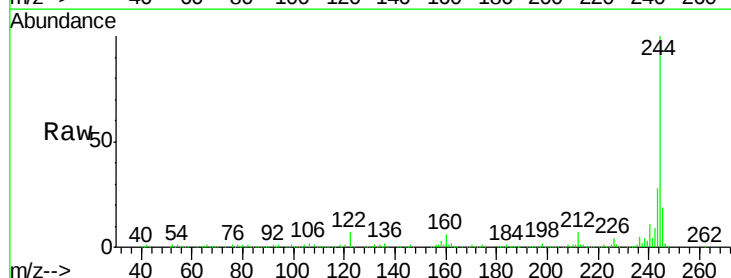
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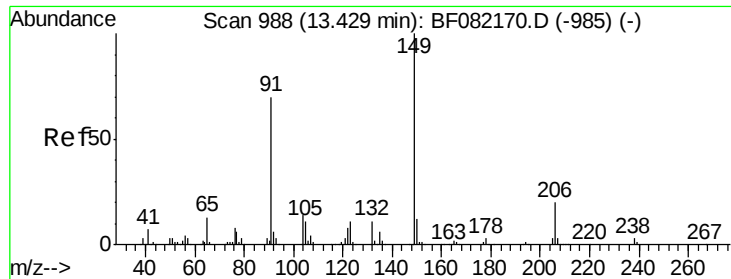
MMDadoda
10/12/2015 2:40:01 PM



#78
Terphenyl-d14
Concen: 76.93 ng
RT: 12.96 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

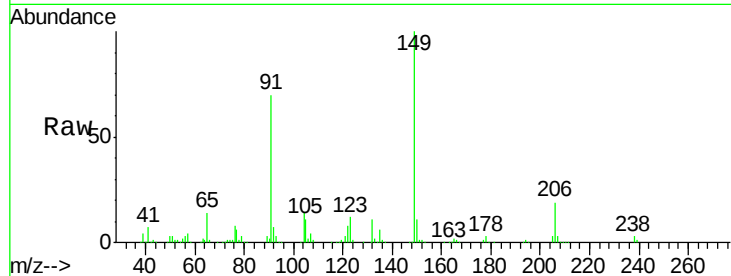
Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	5.8	8.6
122	7.2	5.9	8.9





#79
Butylbenzylphthalate
Concen: 37.81 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

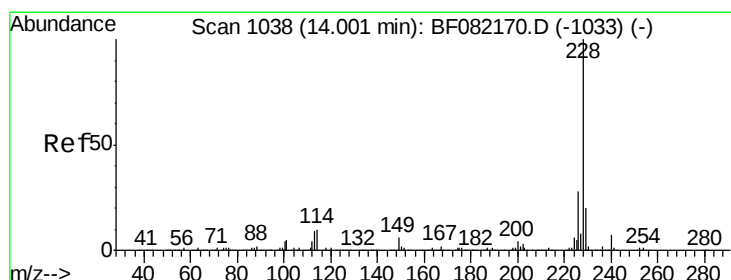
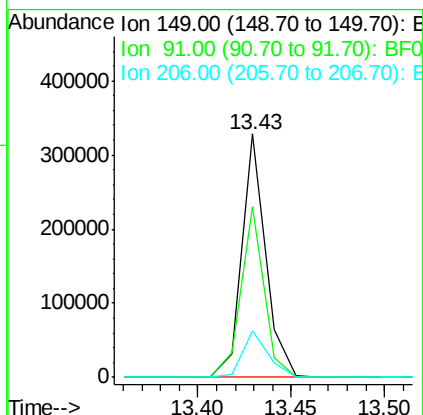
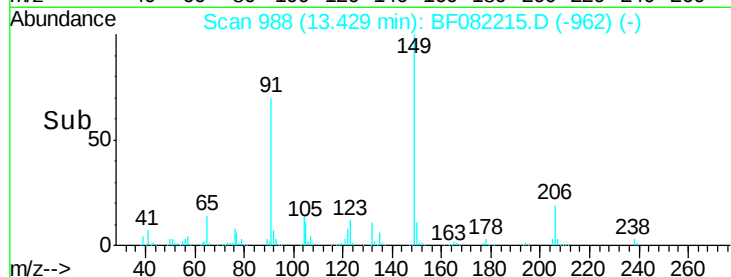
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	70.3	55.7	83.5
206	19.1	15.6	23.4

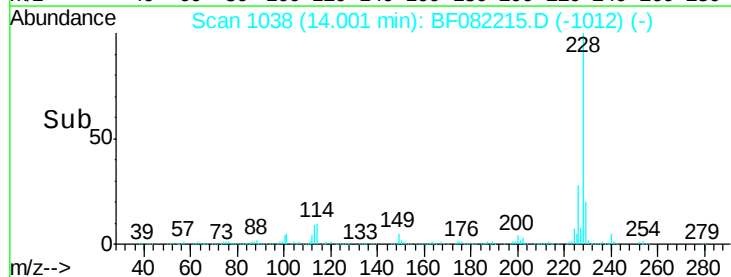
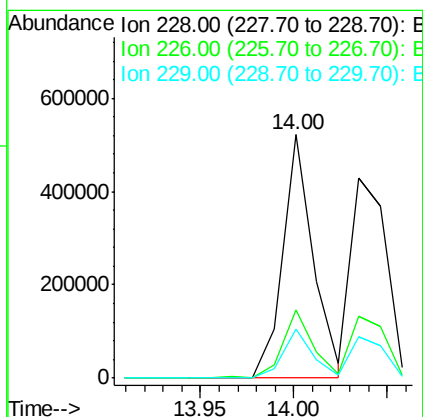
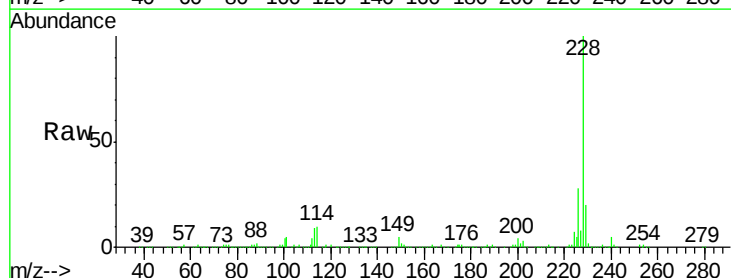
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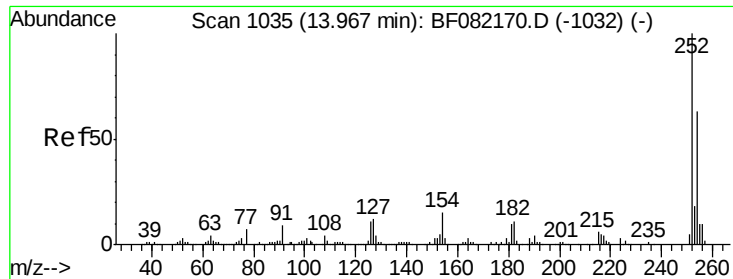
MMDadoda
10/12/2015 2:40:01 PM



#80
Benzo(a)anthracene
Concen: 40.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.0	22.3	33.5
229	20.1	16.2	24.2





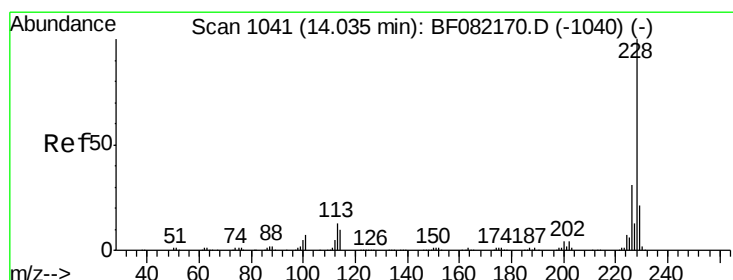
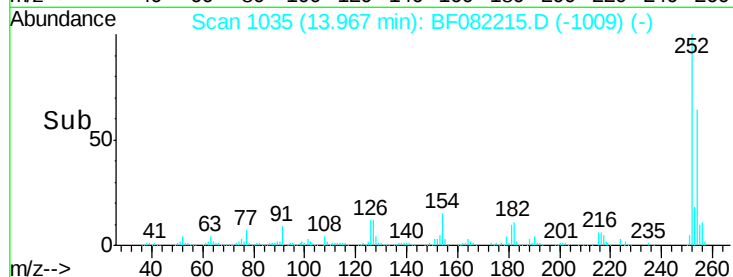
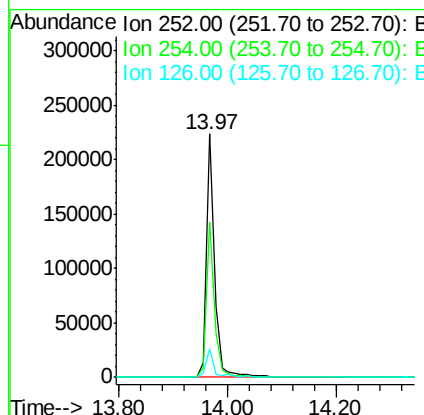
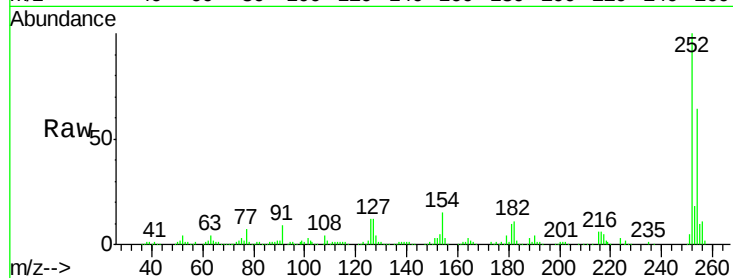
#81
 3,3'-Dichlorobenzidine
 Concen: 40.66 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	229947		
254	63.7	50.7	76.1	
126	11.9	9.0	13.6	

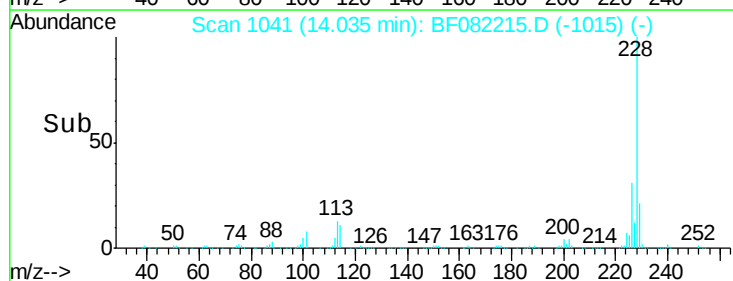
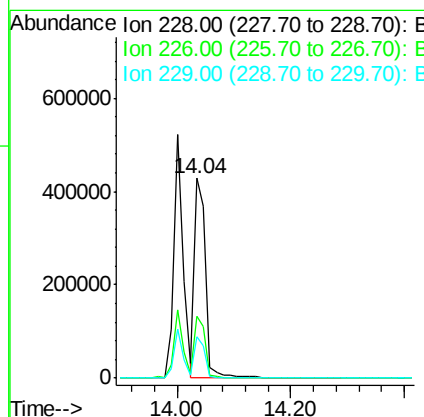
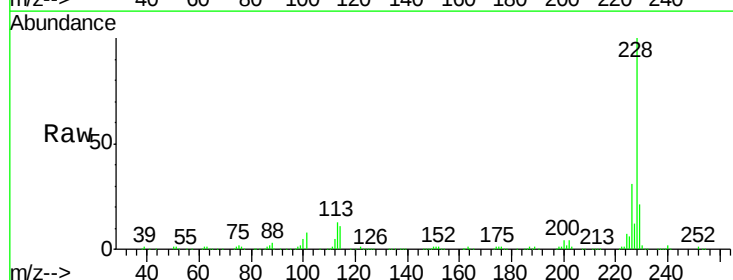
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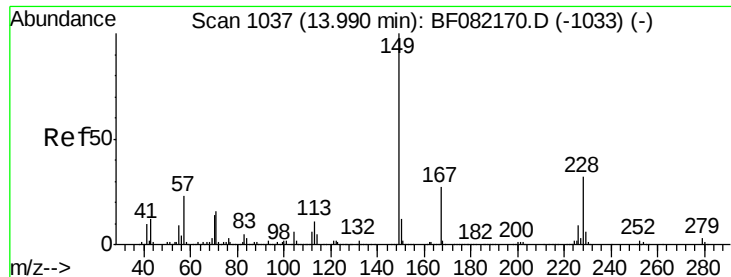
MMDadoda
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#82
 Chrysene
 Concen: 37.83 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	593900		
226	30.9	24.4	36.6	
229	20.7	16.3	24.5	





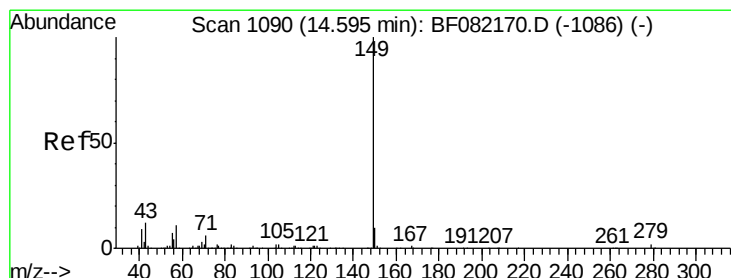
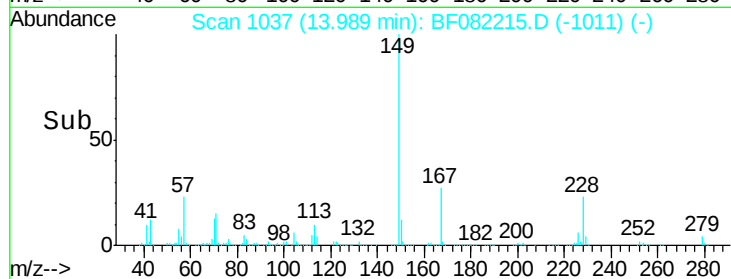
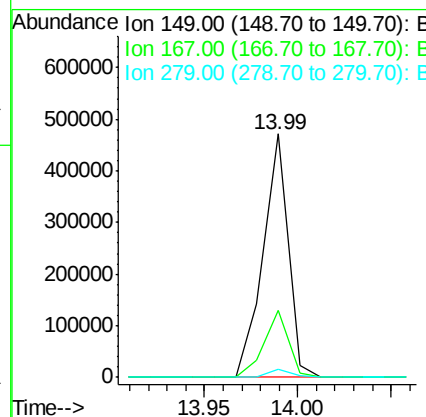
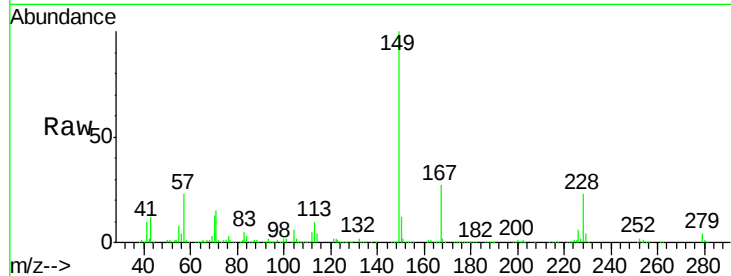
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.77 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	439991		
167	27.4	21.3	31.9	
279	3.6	2.6	4.0	

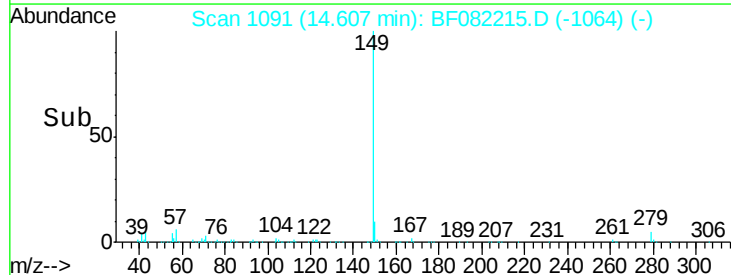
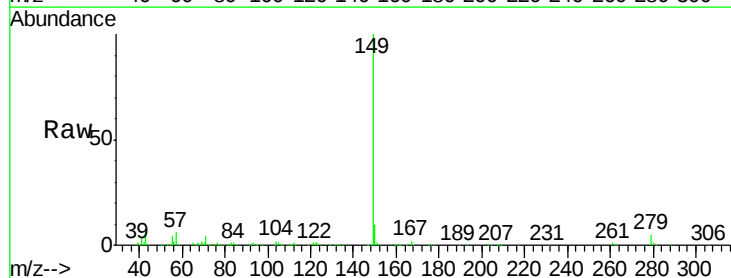
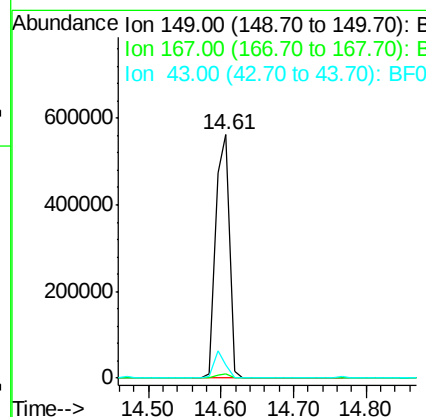
Manual Integrations
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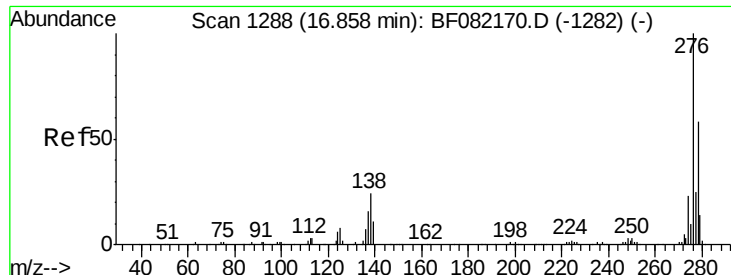
MMDadoda
 10/12/2015 2:40:01 PM



#84
 Di-n-octyl phthalate
 Concen: 38.71 ng
 RT: 14.61 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	735521		
167	1.5	1.3	1.9	
43	9.1	7.4	11.2	





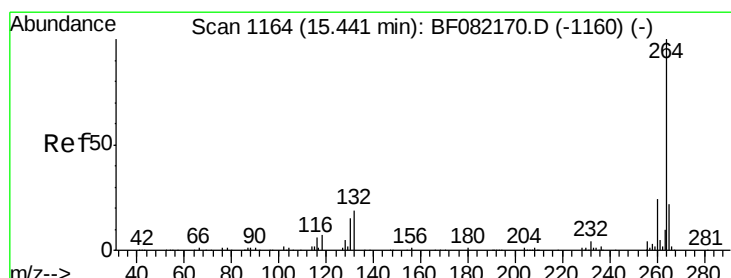
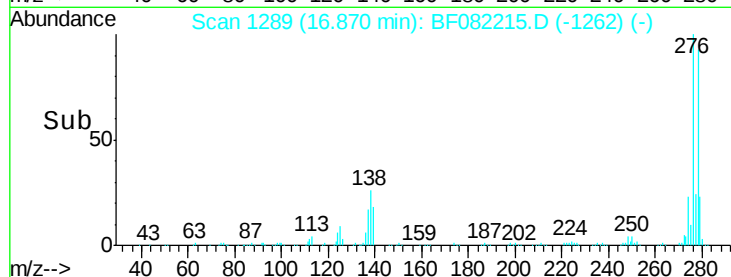
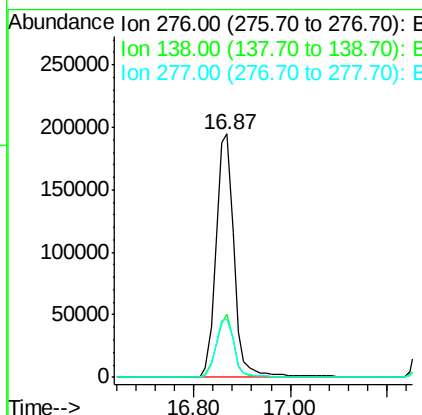
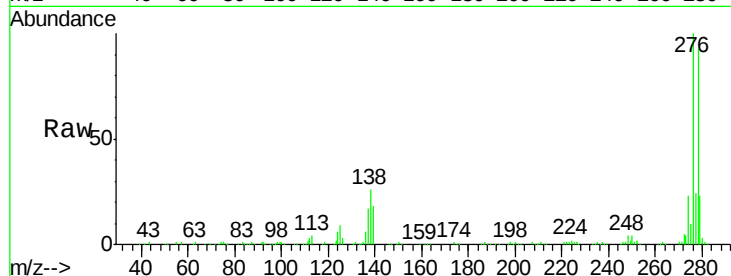
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.06 ng
 RT: 16.87 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.7	29.5
277	24.7	20.1	30.1

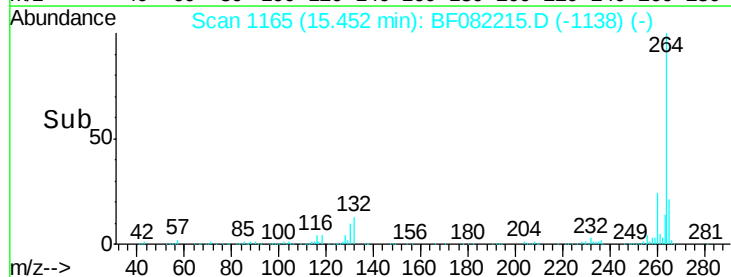
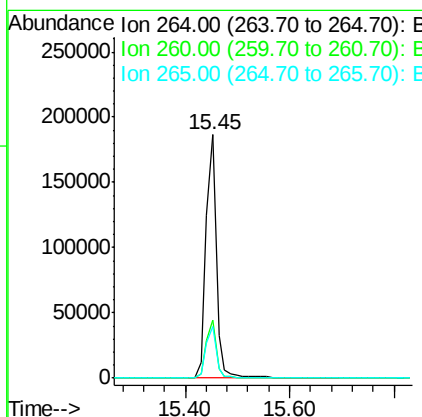
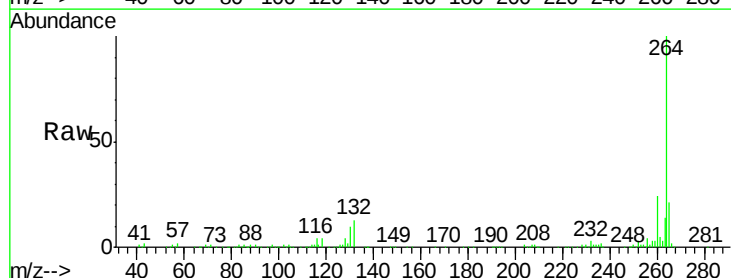
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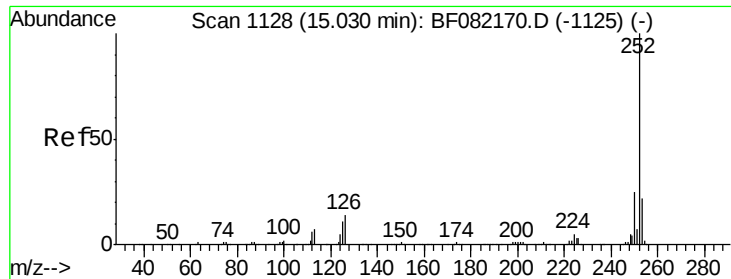
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.2	17.3	25.9





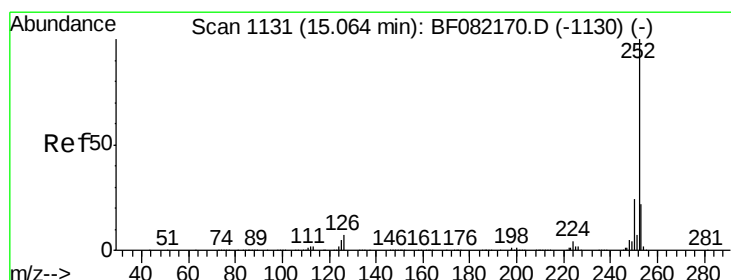
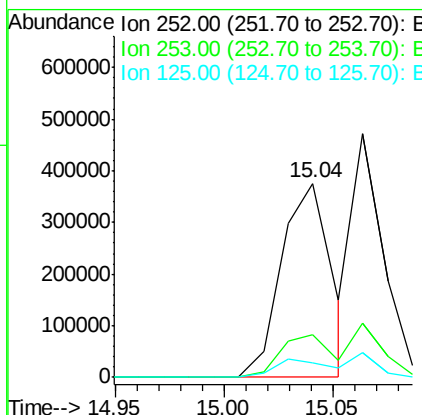
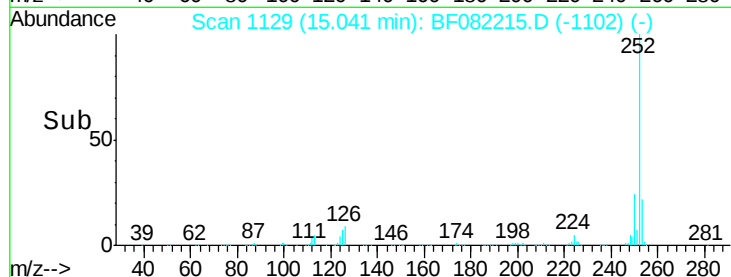
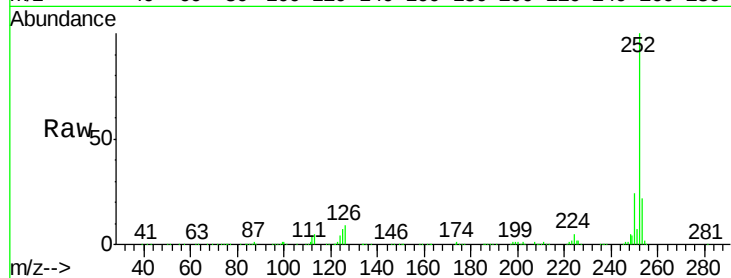
#87
Benzo(b)fluoranthene
Concen: 37.96 ng
RT: 15.04 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	7.2	8.6	12.8

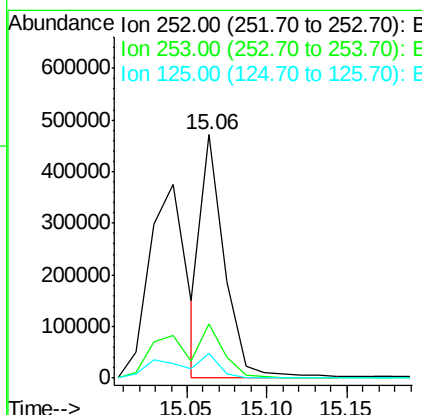
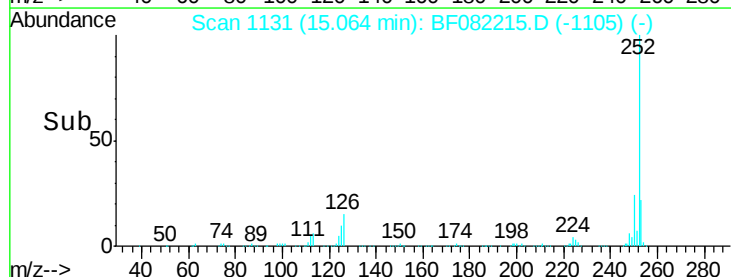
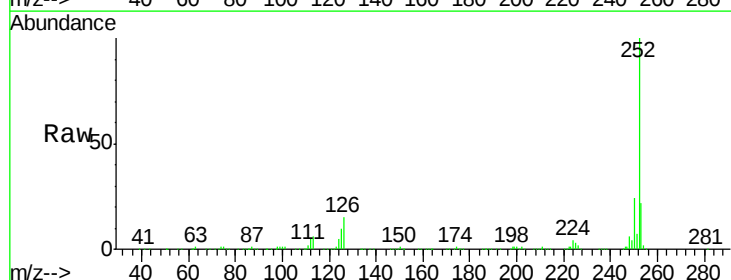
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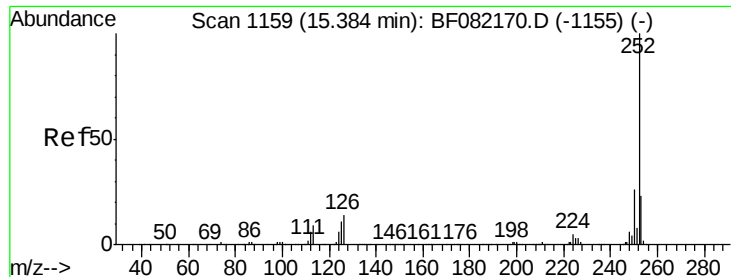
MMDadoda
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#88
Benzo(k)fluoranthene
Concen: 36.85 ng m
RT: 15.06 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.0	6.7	10.1





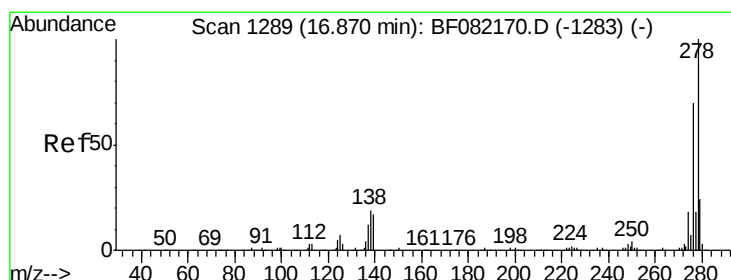
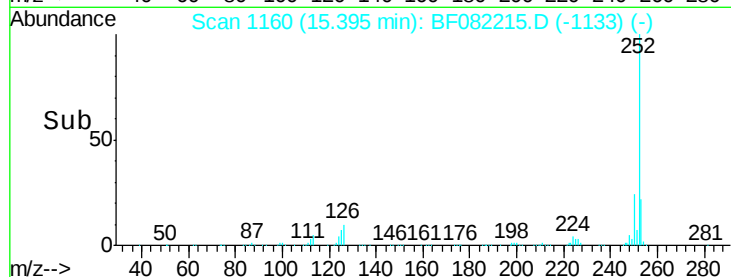
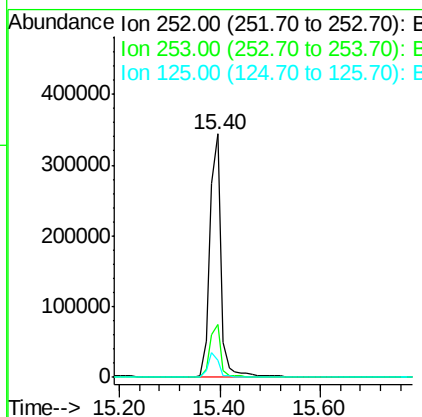
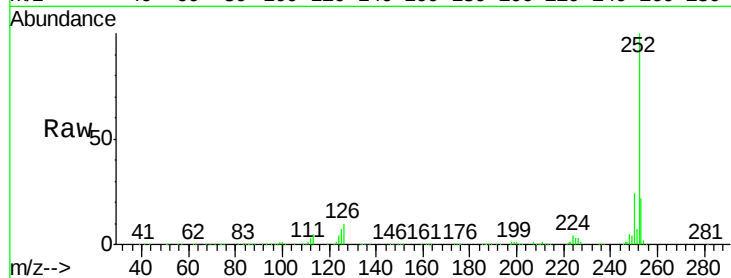
#89
Benzo(a)pyrene
Concen: 38.31 ng
RT: 15.40 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	7.1	8.9	13.3

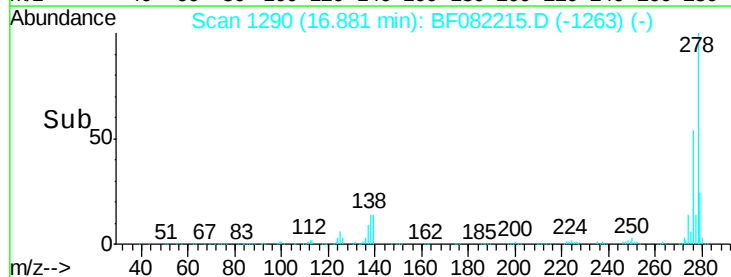
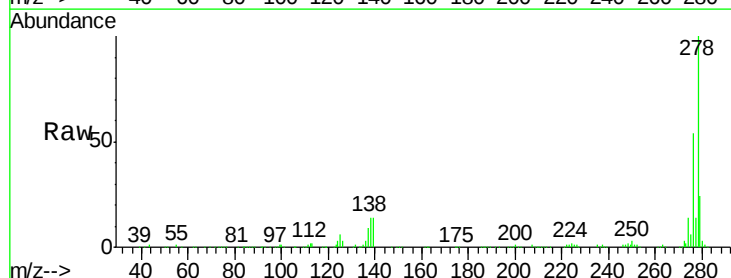
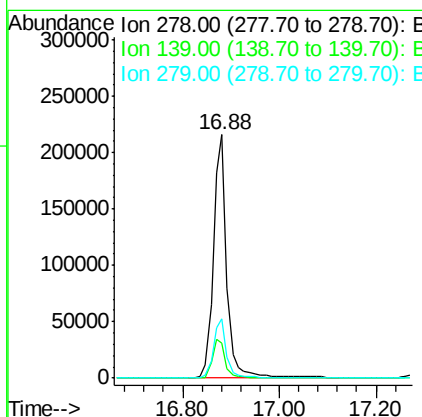
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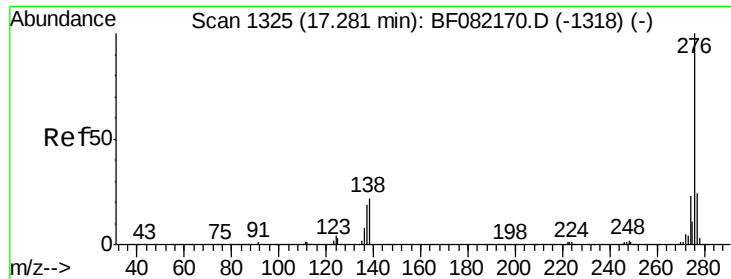
MMDadoda
10/12/2015 2:40:01 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.23 ng
RT: 16.88 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF082215.D
Acq: 11 Oct 2015 10:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	13.3	19.9
279	24.1	18.9	28.3





#91
 Benzo(g,h,i)perylene
 Concen: 36.75 ng
 RT: 17.29 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF082215.D
 Acq: 11 Oct 2015 10:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	276	Resp:	398309
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.8	28.2
138	19.9	17.4	26.2

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 10/12/2015 2:40:01 PM

