

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082447.D
 Acq On : 22 Oct 2015 15:58
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mmdadoda
 10/23/2015 4:45:08 PM

Quant Time: Oct 23 01:21:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	160045	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	639690	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	331075	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	641944	20.00	ng	0.00
75) Chrysene-d12	14.00	240	577784	20.00	ng	-0.01
86) Perylene-d12	15.53	264	467620	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	665358	83.90	ng	0.00
7) Phenol-d6	6.42	99	772160	74.82	ng	0.00
23) Nitrobenzene-d5	7.35	82	772580	81.11	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	191206	61.58	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1540423	77.16	ng	0.00
78) Terphenyl-d14	12.89	244	1526617	70.02	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	142136	35.67	ng	99
3) Pyridine	2.97	79	394128	42.53	ng	99
4) n-Nitrosodimethylamine	2.96	42	167808	42.70	ng	95
6) Aniline	6.43	93	521771	39.22	ng	# 48
8) 2-Chlorophenol	6.55	128	360593	37.25	ng	# 80
9) Benzaldehyde	6.31	77	216682	41.12	ng	94
10) Phenol	6.43	94	407121	34.22	ng	# 54
11) bis(2-Chloroethyl)ether	6.51	93	361531	35.93	ng	96
12) 1,3-Dichlorobenzene	6.70	146	418125	37.09	ng	96
13) 1,4-Dichlorobenzene	6.78	146	412564	35.04	ng	97
14) 1,2-Dichlorobenzene	6.94	146	426479	38.15	ng	95
15) Benzyl Alcohol	6.93	79	308212	43.26	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	475155	33.91	ng	78
17) 2-Methylphenol	7.04	107	282759	36.94	ng	# 93
18) Hexachloroethane	7.27	117	145031	35.99	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	274544	37.88	ng	94
20) 3+4-Methylphenols	7.20	107	348394	38.19	ng	# 66
22) Acetophenone	7.19	105	484329	38.27	ng	# 91
24) Nitrobenzene	7.36	77	361812	35.09	ng	99
25) Isophorone	7.60	82	727212	37.83	ng	99
26) 2-Nitrophenol	7.68	139	224090	43.53	ng	95
27) 2,4-Dimethylphenol	7.73	122	340228	41.02	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	447963	40.05	ng	99
29) 2,4-Dichlorophenol	7.92	162	316647	38.19	ng	93
30) 1,2,4-Trichlorobenzene	8.00	180	377247	39.47	ng	98
31) Naphthalene	8.08	128	1082124	39.02	ng	99
32) Benzoic acid	7.89	122	197430	35.46	ng	98
33) 4-Chloroaniline	8.14	127	449450	39.03	ng	97
34) Hexachlorobutadiene	8.19	225	204525	34.34	ng	98
35) Caprolactam	8.54	113	108868	45.24	ng	# 79
36) 4-Chloro-3-methylphenol	8.64	107	348213	42.94	ng	# 84
37) 2-Methylnaphthalene	8.77	142	694084	36.11	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	367393	37.31	ng	100
40) Hexachlorocyclopentadiene	8.91	237	118302	29.58	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	253592	38.77	nq	98
43) 2,4,5-Trichlorophenol	9.11	196	246159	34.74	nq	95
45) 1,1'-Biphenyl	9.23	154	846277	33.52	nq	99
46) 2-Chloronaphthalene	9.26	162	697908	35.12	nq	# 93
47) 2-Nitroaniline	9.37	65	246727	45.22	nq	87
48) Acenaphthylene	9.68	152	1179498	38.10	nq	100
49) Dimethylphthalate	9.55	163	905119	38.82	nq	99
50) 2,6-Dinitrotoluene	9.61	165	180668	36.73	nq	# 70
51) Acenaphthene	9.85	154	683884	36.80	nq	100
52) 3-Nitroaniline	9.78	138	218839	39.38	nq	84
53) 2,4-Dinitrophenol	9.90	184	90521	36.69	nq	90
54) Dibenzofuran	10.02	168	945905	37.07	nq	100
55) 4-Nitrophenol	9.97	139	126815	40.90	nq	95
56) 2,4-Dinitrotoluene	10.02	165	262545	42.70	nq	97
57) Fluorene	10.37	166	815675	38.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	208445	36.01	nq	96
59) Diethylphthalate	10.25	149	855654	39.37	nq	95
60) 4-Chlorophenyl-phenylether	10.35	204	338182	35.23	nq	98
61) 4-Nitroaniline	10.41	138	225033	41.75	nq	95
62) Azobenzene	10.51	77	746789	35.11	nq	99
64) 4,6-Dinitro-2-methylphenol	10.43	198	154041	42.76	nq	89
65) n-Nitrosodiphenylamine	10.48	169	685711	35.68	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	220675	34.35	nq	96
67) Hexachlorobenzene	10.91	284	240407	34.60	nq	99
68) Atrazine	11.02	200	230043	37.78	nq	99
69) Pentachlorophenol	11.11	266	129691	36.27	nq	98
70) Phenanthrene	11.33	178	1117716	35.52	nq	99
71) Anthracene	11.38	178	1310021	40.40	nq	99
72) Carbazole	11.54	167	1182385	39.97	nq	98
73) Di-n-butylphthalate	11.86	149	1258437	34.49	nq	99
74) Fluoranthene	12.52	202	1203651	35.62	nq	97
76) Benzidine	12.65	184	634928	37.92	nq	98
77) Pyrene	12.74	202	1297095	37.83	nq	100
79) Butylbenzylphthalate	13.38	149	593990	37.96	nq	98
80) Benzo(a)anthracene	13.99	228	1143895	38.05	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	423471	37.11	nq	100
82) Chrysene	14.04	228	1175641	37.11	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	785555	35.19	nq	99
84) Di-n-octyl phthalate	14.66	149	1383906	36.10	nq	100
85) Indeno(1,2,3-cd)pyrene	16.94	276	879009	34.91	nq	98
87) Benzo(b)fluoranthene	15.12	252	1036663	36.44	nq	99
88) Benzo(k)fluoranthene	15.16	252	986821m	41.27	nq	
89) Benzo(a)pyrene	15.48	252	924138	37.80	nq	# 98
90) Dibenzo(a,h)anthracene	16.95	278	728000	36.33	nq	99
91) Benzo(g,h,i)perylene	17.35	276	708846	36.42	nq	98

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

```

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Acq On    : 22 Oct 2015   15:58
Operator  : UM/IZ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1

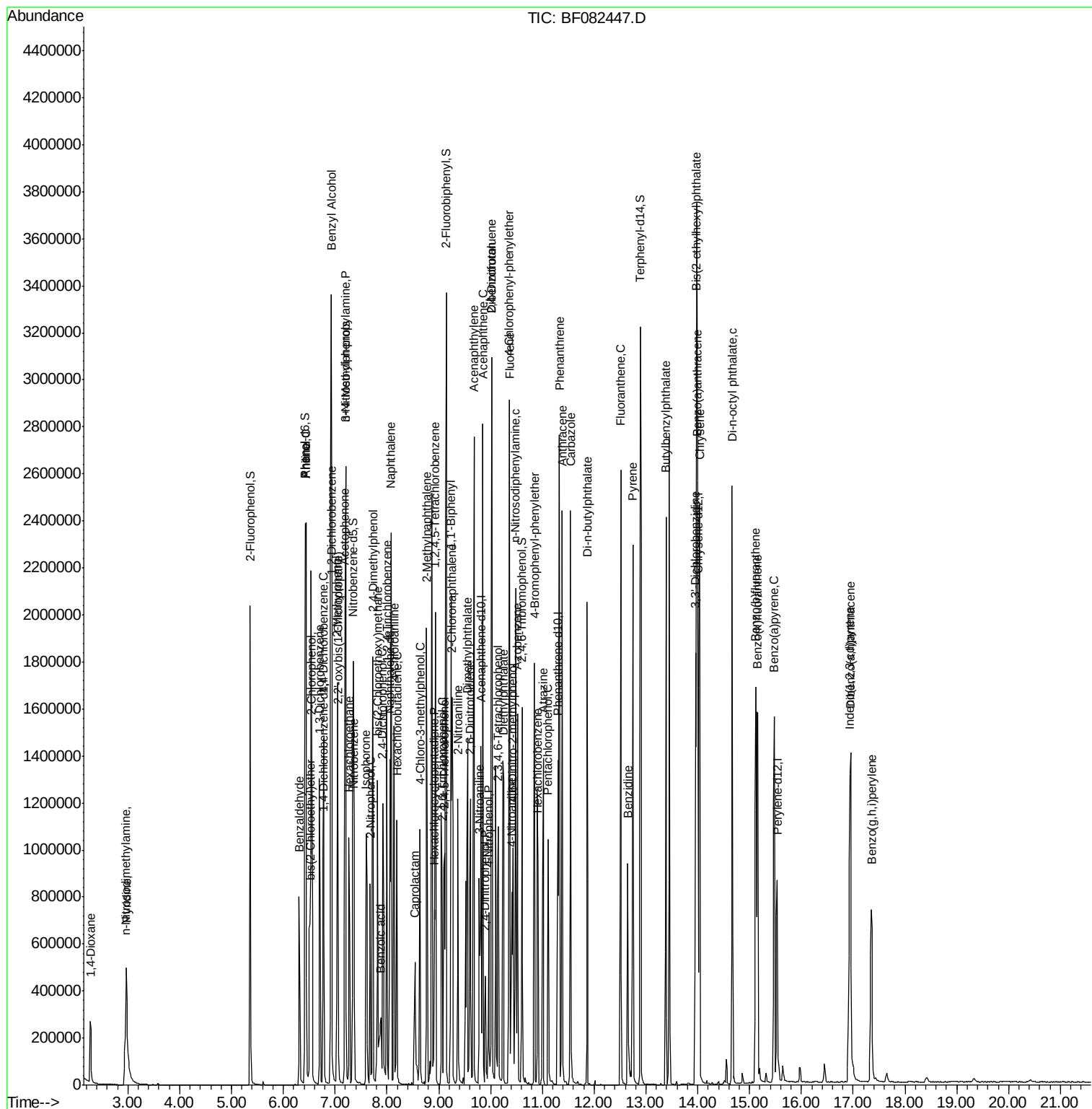
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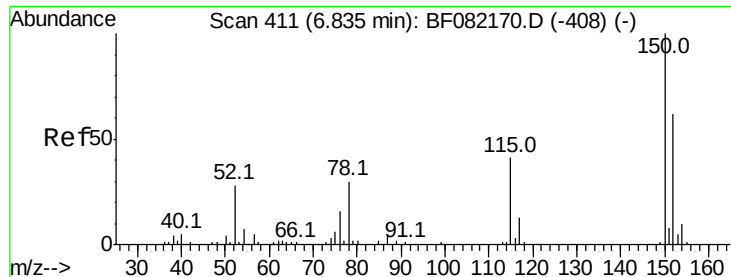
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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#1

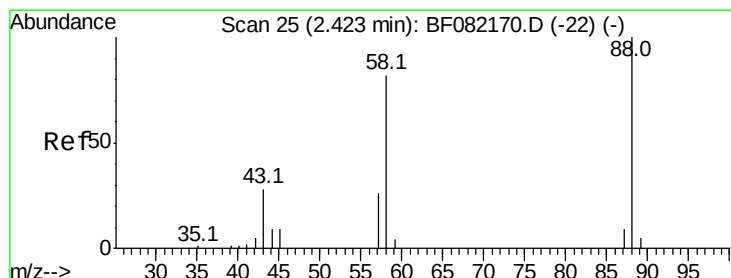
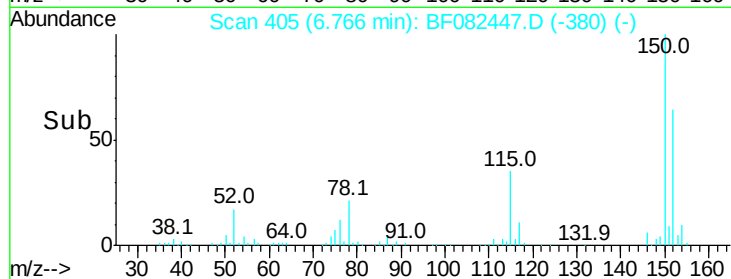
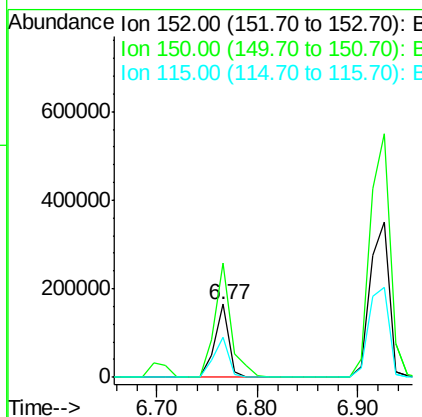
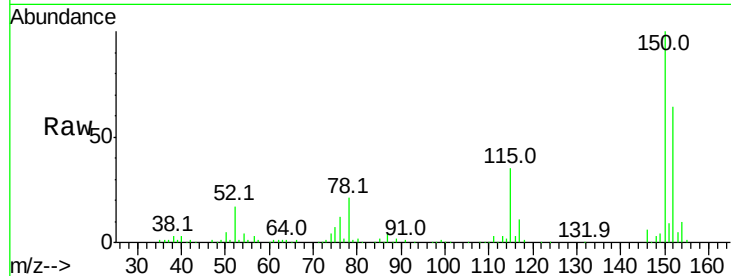
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	129.0	193.4
115	54.6	52.1	78.1

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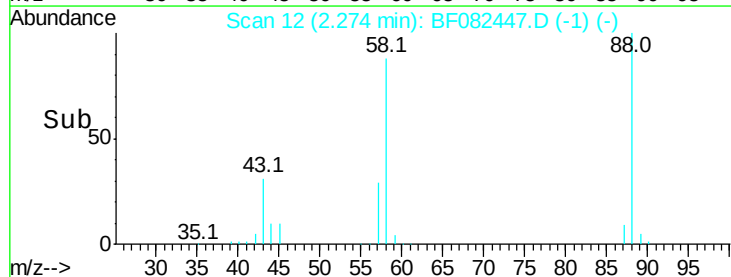
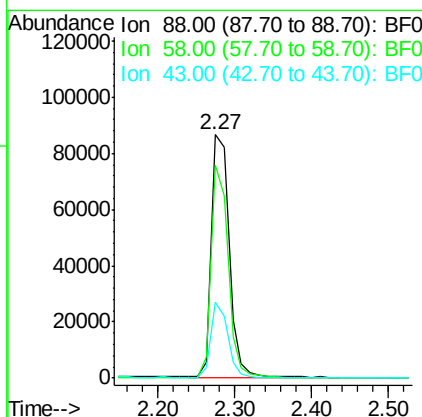
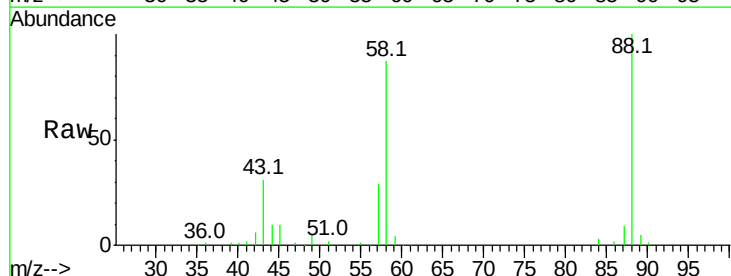
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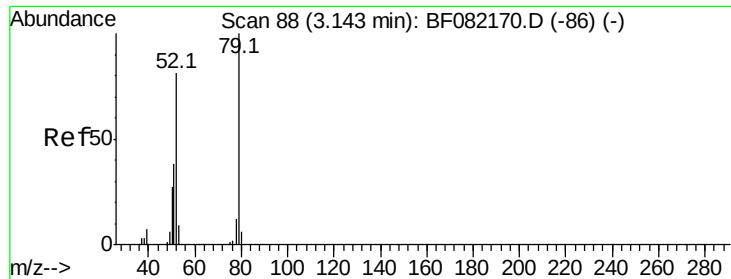


#2

1,4-Dioxane
 Concen: 35.67 ng
 RT: 2.27 min Scan# 12
 Delta R.T. -0.02 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	66.2	99.4
43	29.6	23.0	34.4





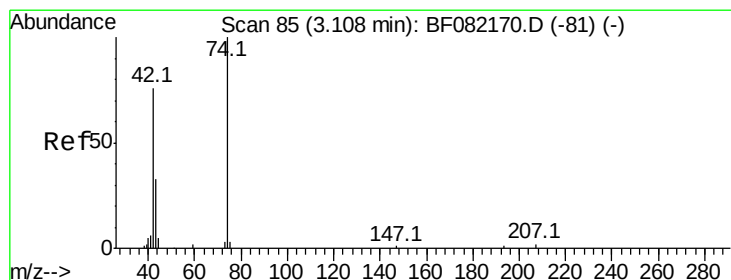
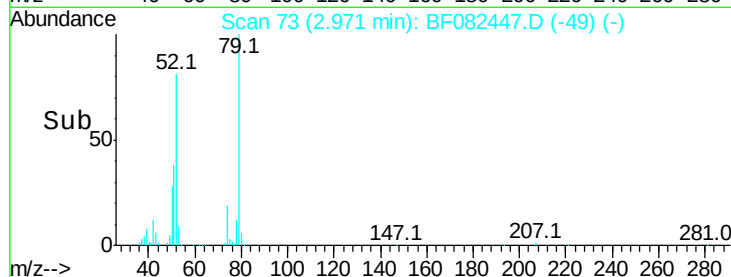
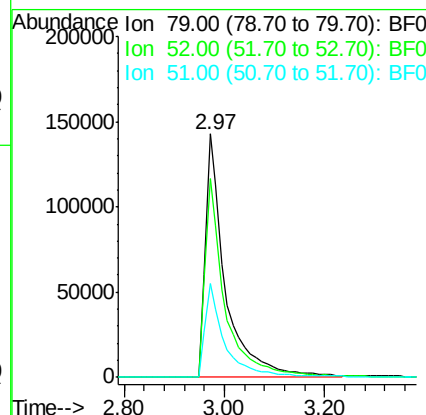
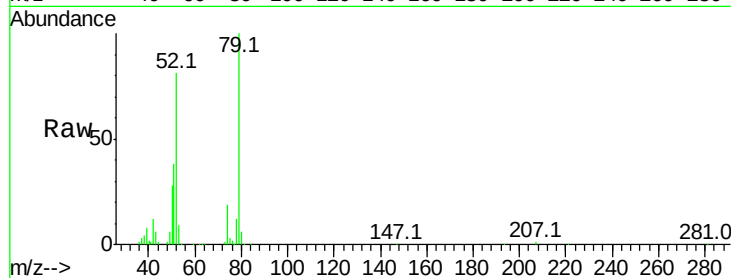
#3
 Pvrindine
 Concen: 42.53 ng
 RT: 2.97 min Scan# 73
 Delta R.T. -0.02 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	81.5	64.4	96.6
51	38.5	30.5	45.7

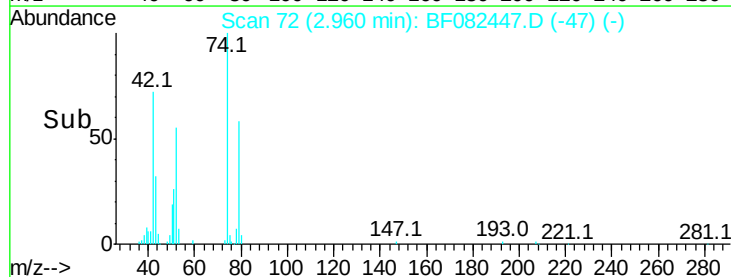
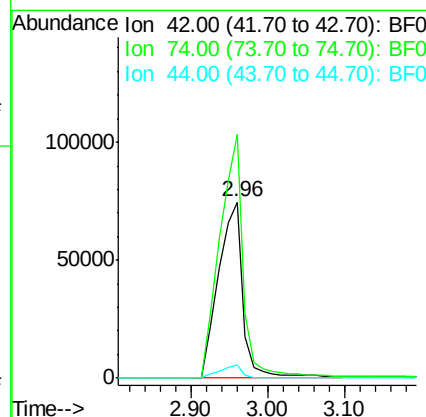
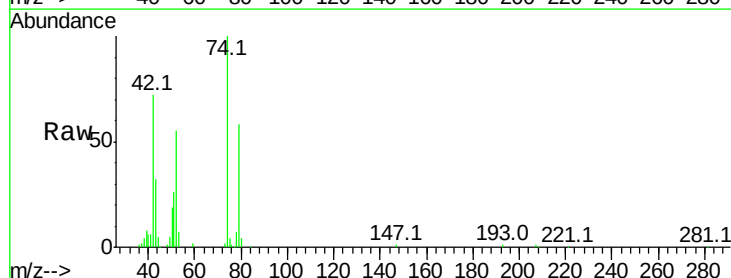
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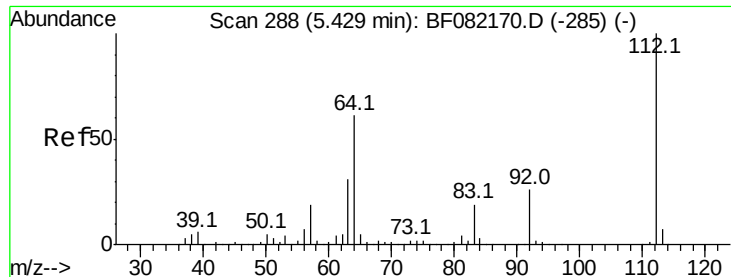
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#4
 n-Nitrosodimethylamine
 Concen: 42.70 ng
 RT: 2.96 min Scan# 72
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	138.1	105.7	158.5
44	7.6	5.4	8.2





#5

2-Fluorophenol

Concen: 83.90 ng

RT: 5.36 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

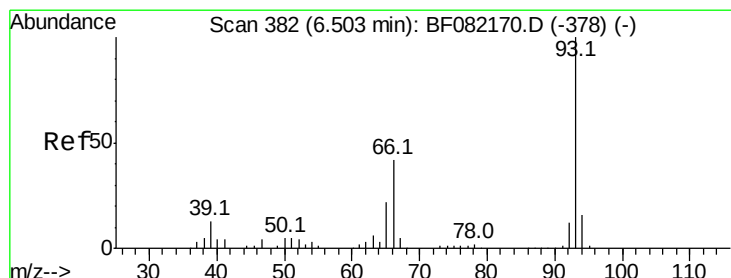
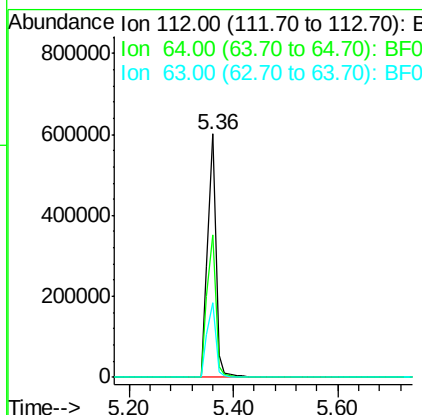
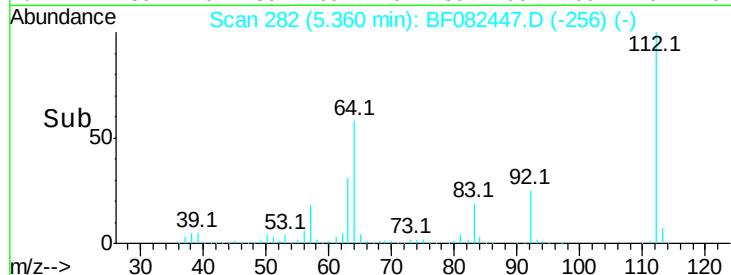
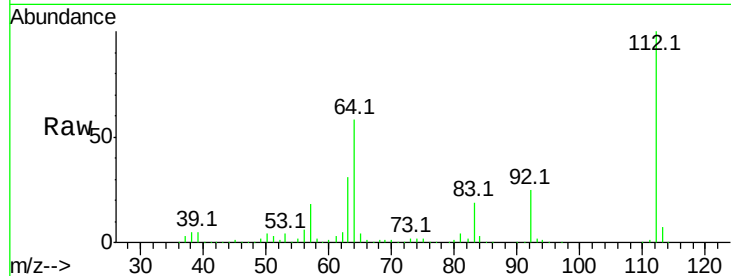
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	665358
Ion Ratio	Lower	Upper	
112	100		
64	58.3	48.6	73.0
63	30.7	25.1	37.7

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#6

Aniline

Concen: 39.22 ng

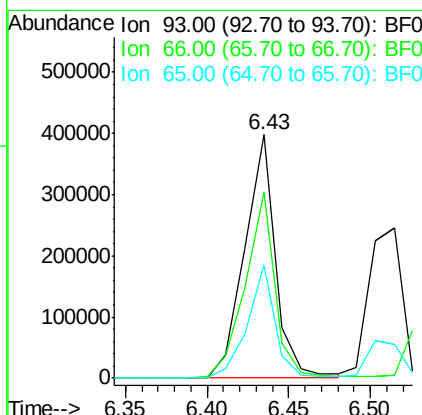
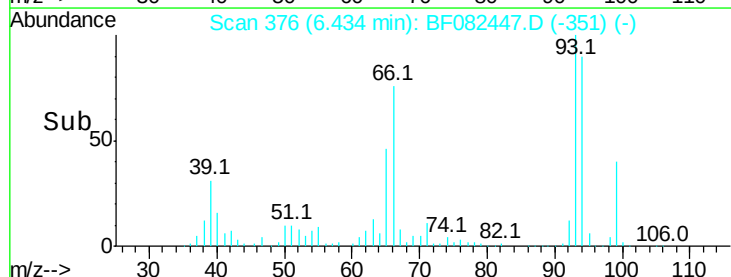
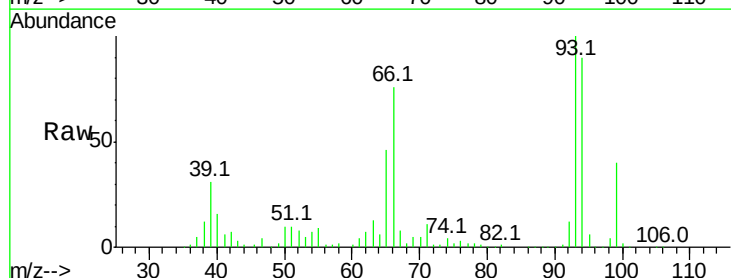
RT: 6.43 min Scan# 376

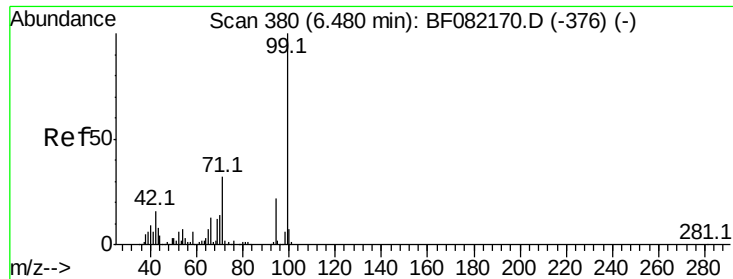
Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Tgt Ion:	93	Resp:	521771
Ion Ratio	Lower	Upper	
93	100		
66	76.2	34.2	51.2#
65	46.4	17.9	26.9#





#7

Phenol-d6

Concen: 74.82 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

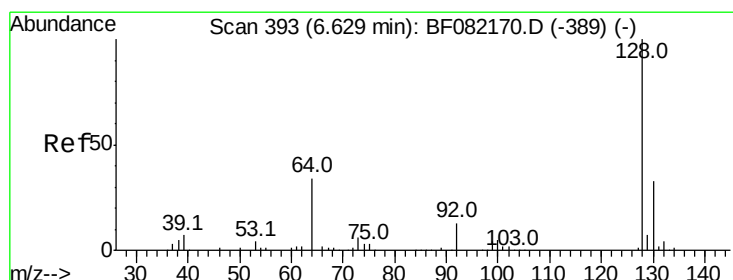
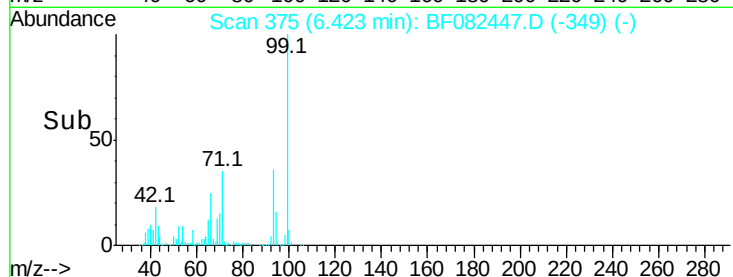
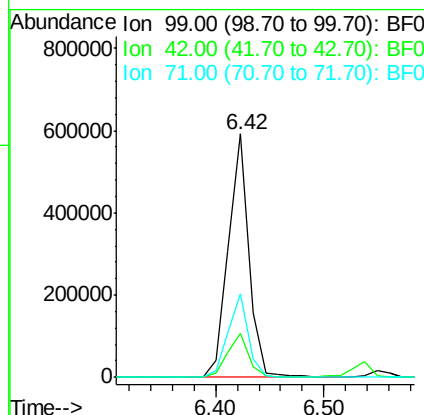
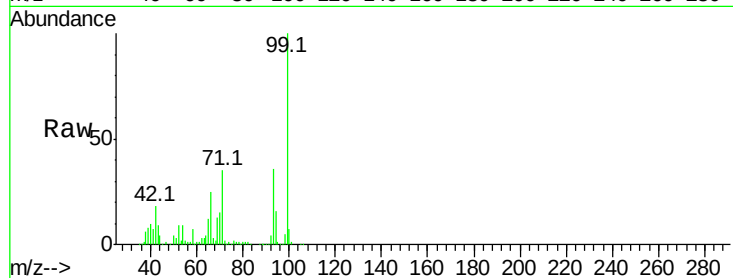
ClientSampleId :

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Tot Ion	99	Resp	772160
Ion Ratio	Lower	Upper	
99	100		
42	18.1	13.2	19.8
71	34.6	25.6	38.4

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#8

2-Chlorophenol

Concen: 37.25 ng

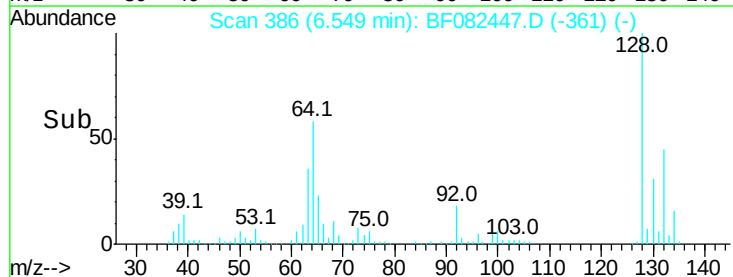
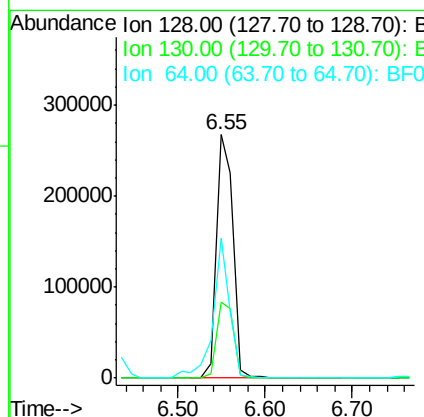
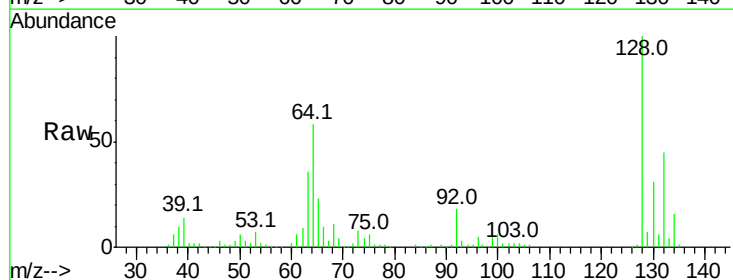
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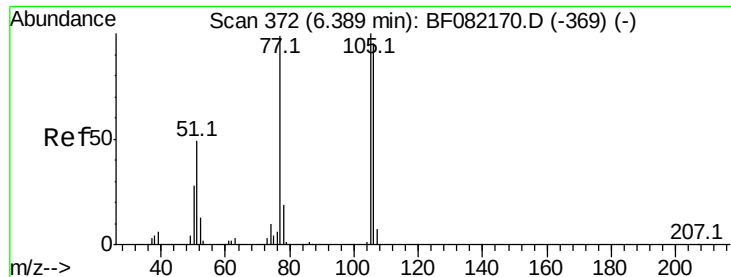
Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Tgt Ion	128	Resp	360593
Ion Ratio	Lower	Upper	
128	100		
130	31.4	12.6	52.6
64	57.5	16.7	56.7#





#9

Benzaldehyde

Concen: 41.12 ng

RT: 6.31 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

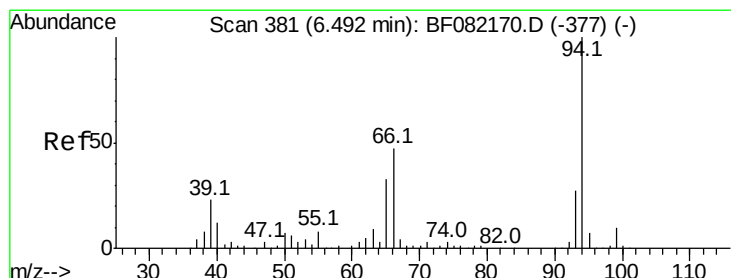
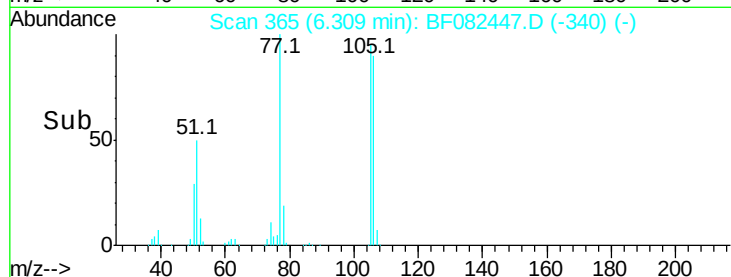
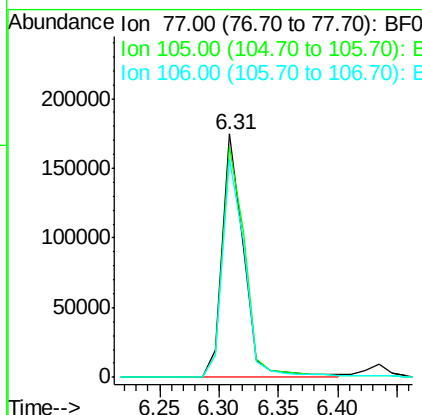
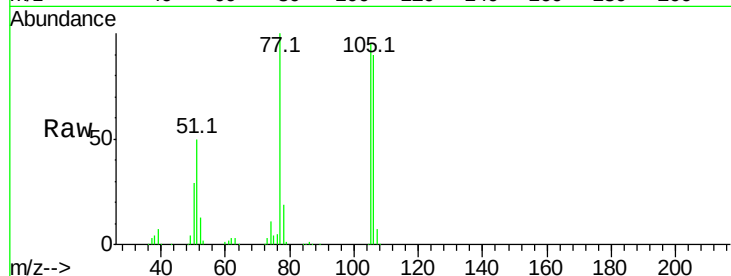
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	94.8	80.6	120.6
106	89.5	75.5	115.5



#10

Phenol

Concen: 34.22 ng

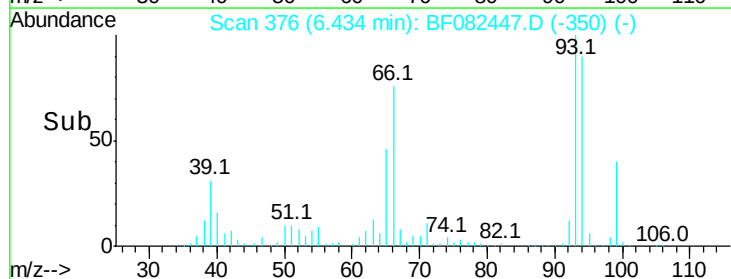
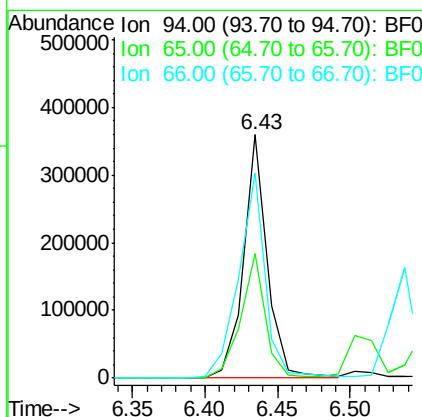
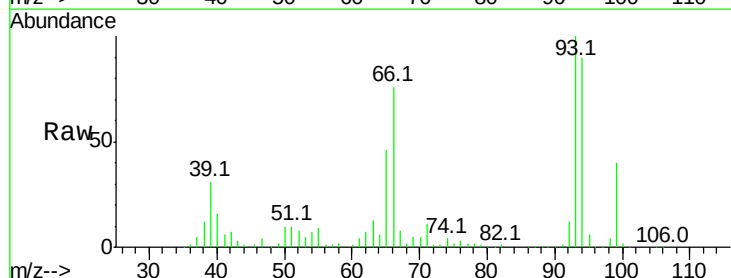
RT: 6.43 min Scan# 376

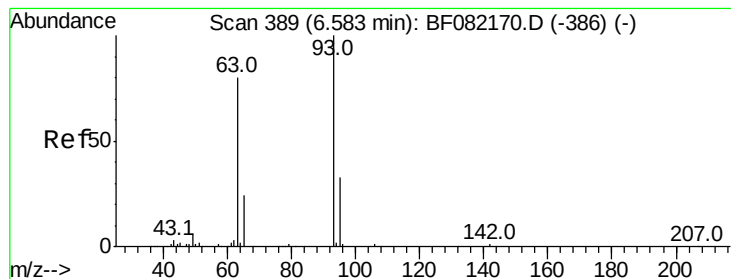
Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	51.3	12.6	52.6
66	84.3	27.3	67.3





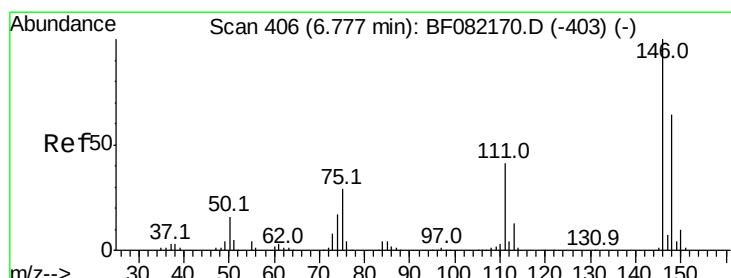
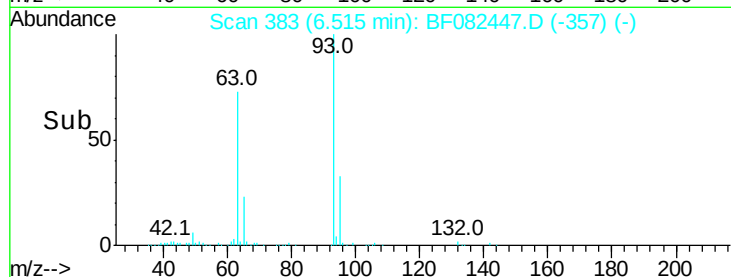
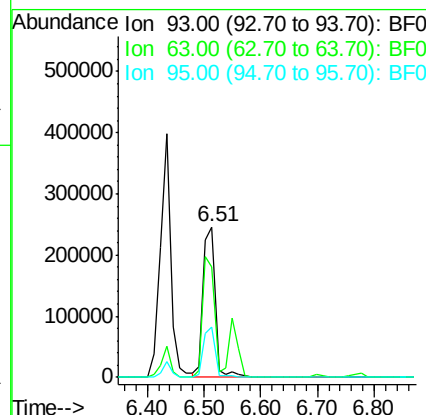
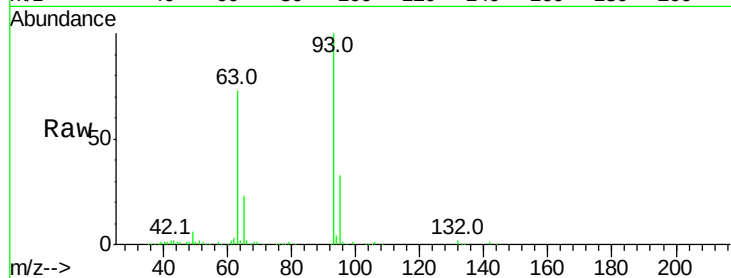
#11
bis(2-Chloroethyl)ether
Concen: 35.93 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	57.1	97.1
95	33.1	11.9	51.9

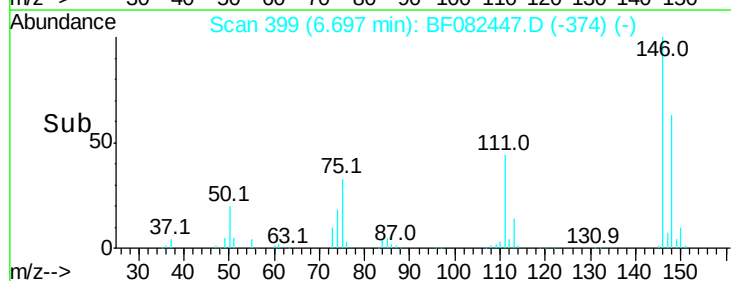
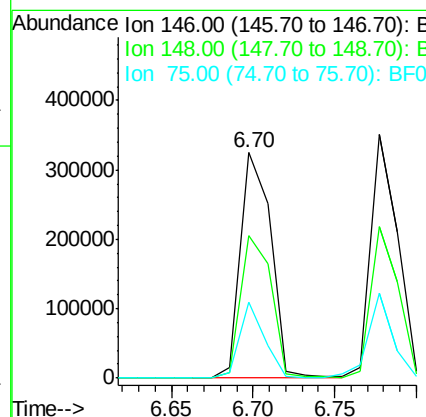
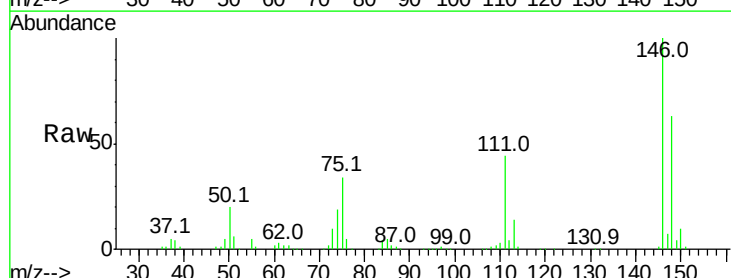
Manual Integrations
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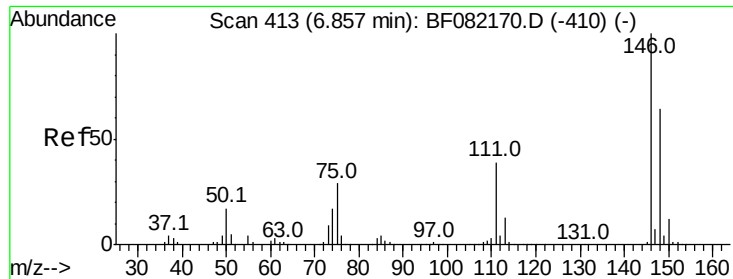
mmdadoda
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#12
1,3-Dichlorobenzene
Concen: 37.09 ng
RT: 6.70 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
75	33.7	23.0	34.6





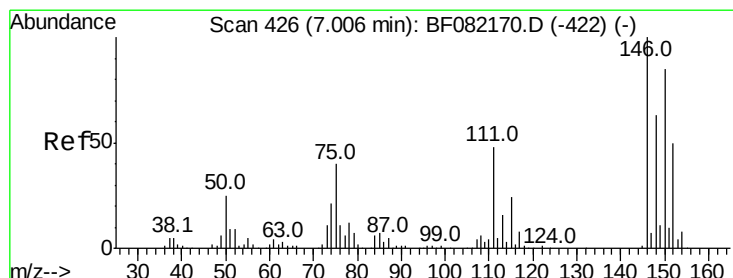
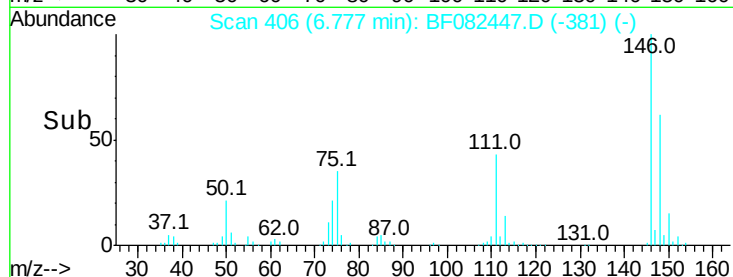
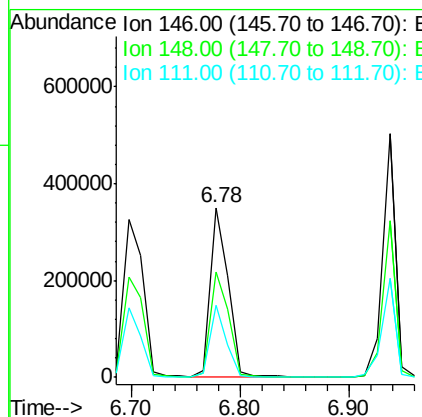
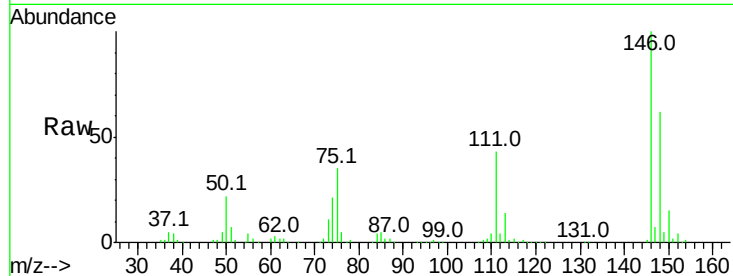
#13
 1,4-Dichlorobenzene
 Concen: 35.04 ng
 RT: 6.78 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.0	76.4
111	42.6	31.1	46.7

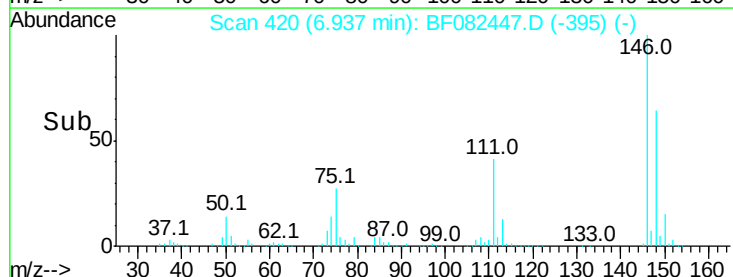
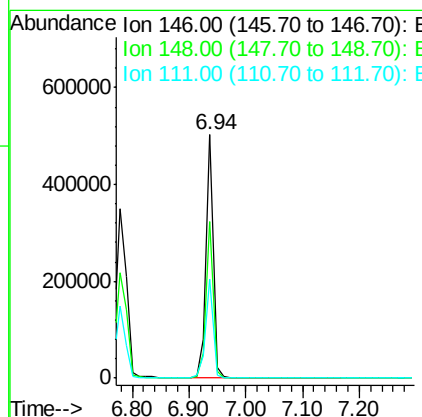
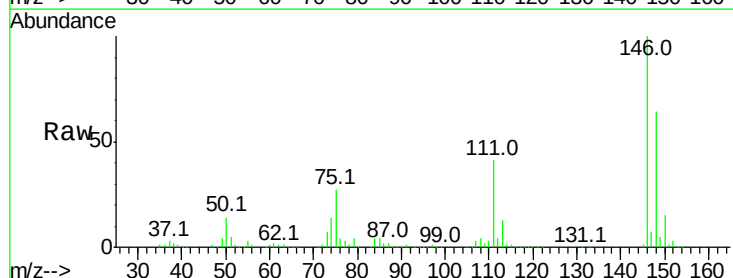
Manual Integrations
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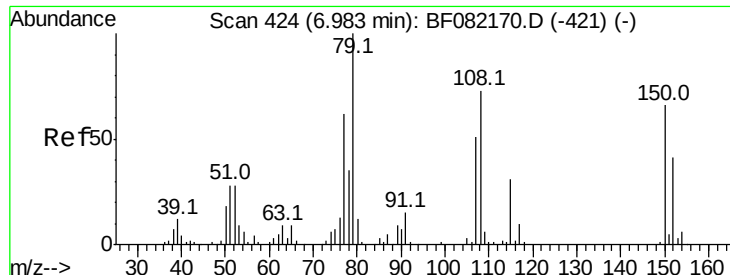
mmdadoda
 10/23/2015 4:45:08 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.15 ng
 RT: 6.94 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
111	40.7	38.5	57.7





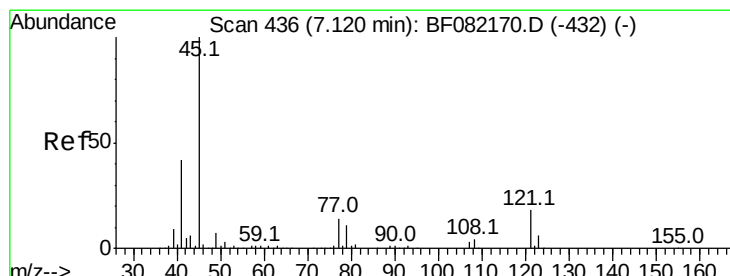
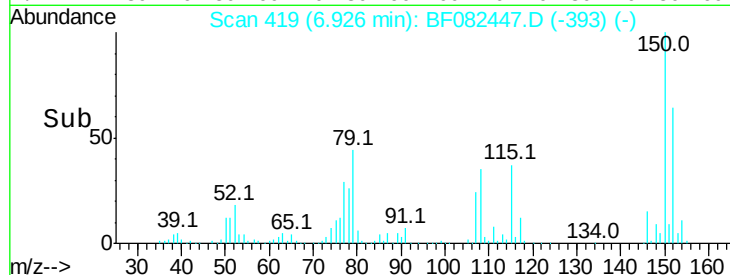
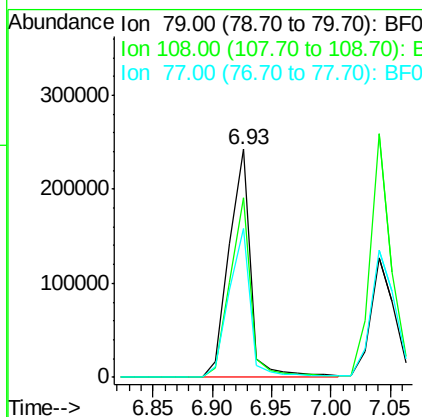
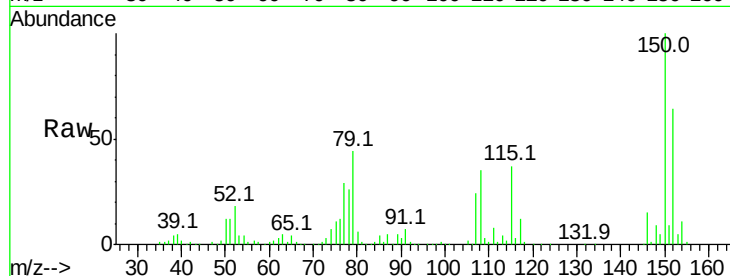
#15
Benzyl Alcohol
Concen: 43.26 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.9	58.4	87.6
77	65.2	49.8	74.6

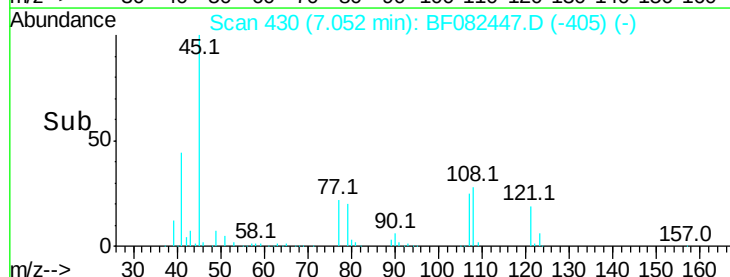
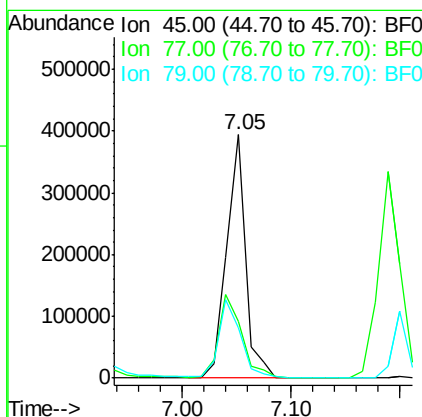
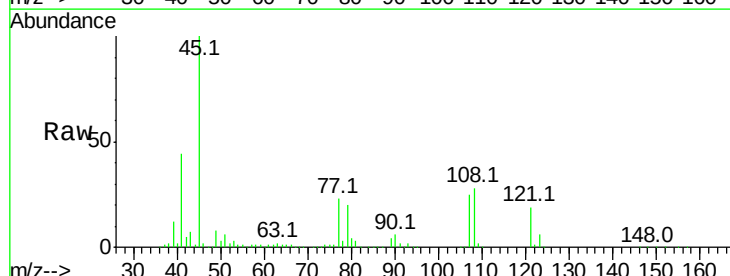
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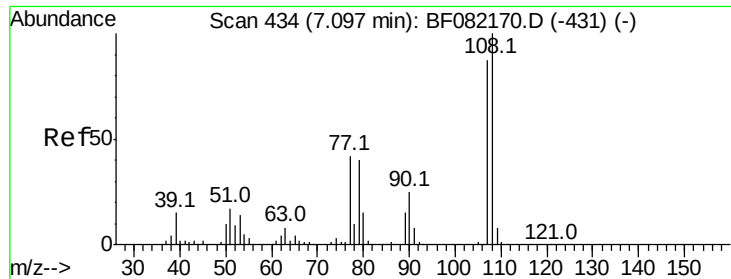
mmdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.91 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.1	0.0	34.5
79	20.5	0.0	31.6





#17

2-Methylphenol

Concen: 36.94 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 282759

Ion Ratio Lower Upper

107 100

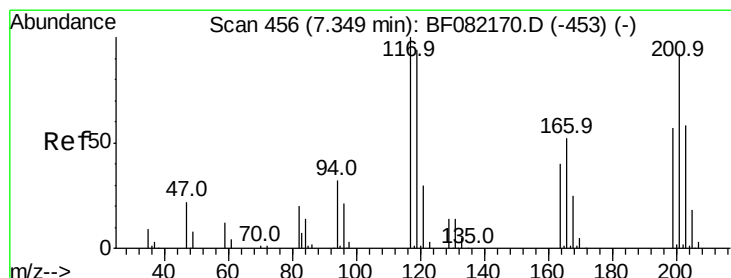
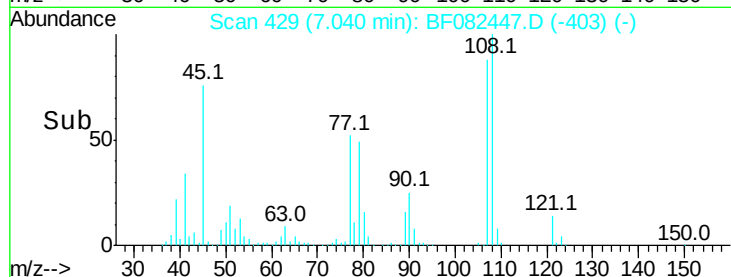
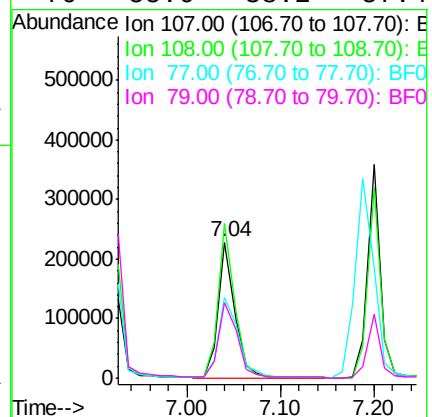
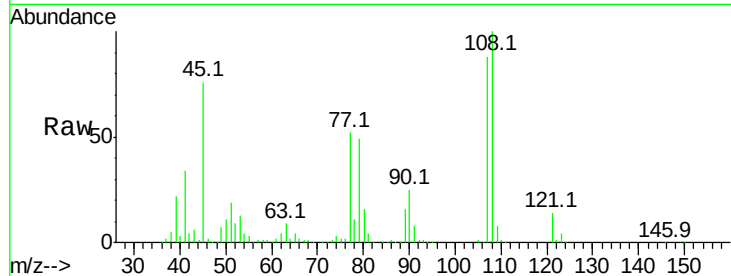
108 113.5 92.2 138.2

77 59.4 39.6 59.4#

79 55.6 38.2 57.4

Manual Integrations
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#18

Hexachloroethane

Concen: 35.99 ng

RT: 7.27 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

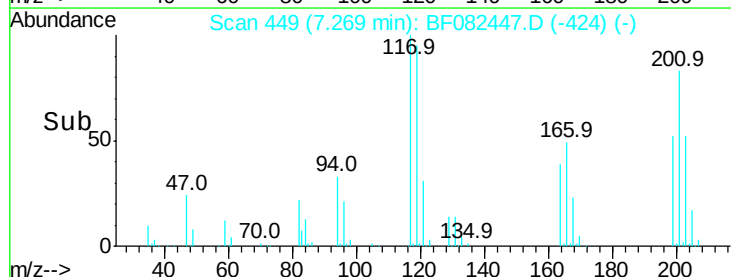
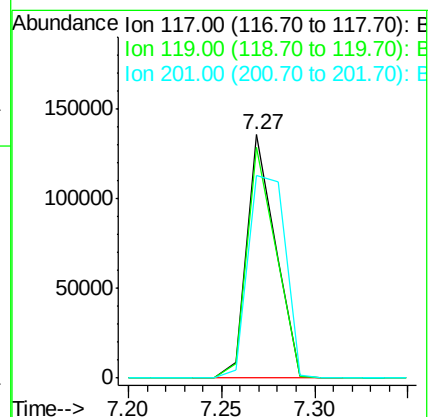
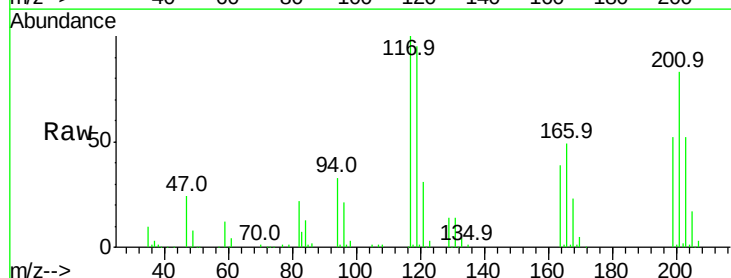
Tgt Ion:117 Resp: 145031

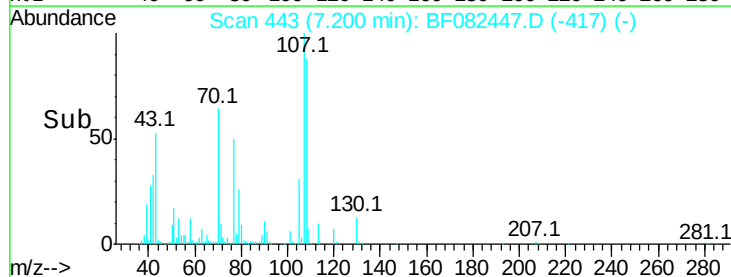
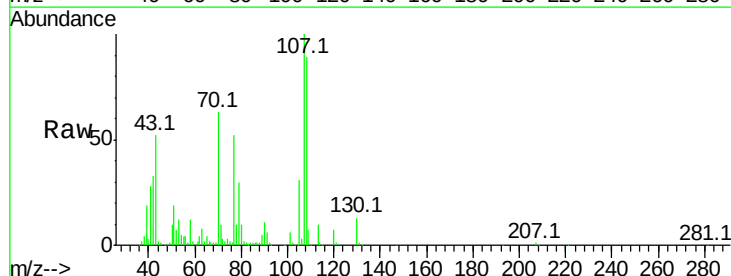
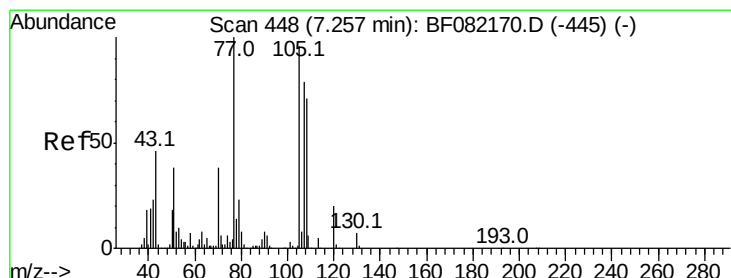
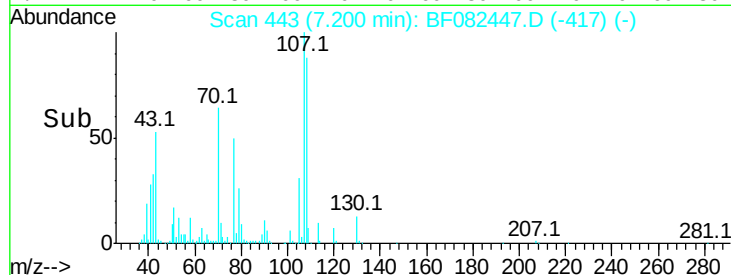
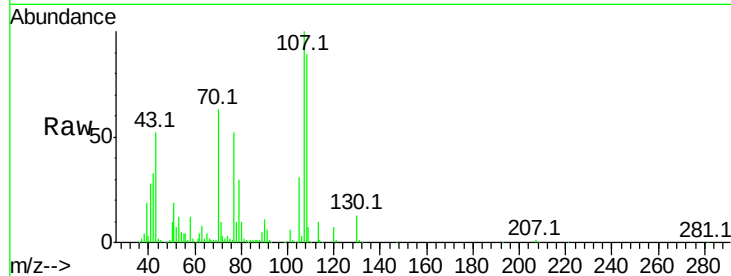
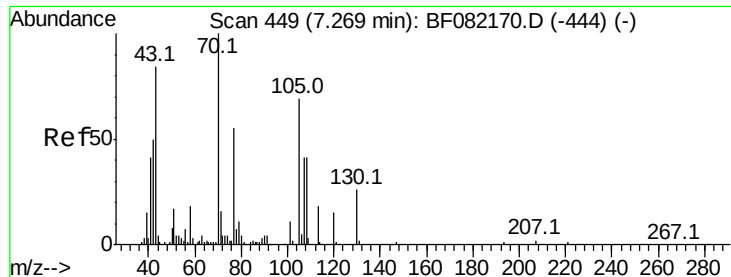
Ion Ratio Lower Upper

117 100

119 94.9 75.4 113.2

201 83.5 73.4 110.0





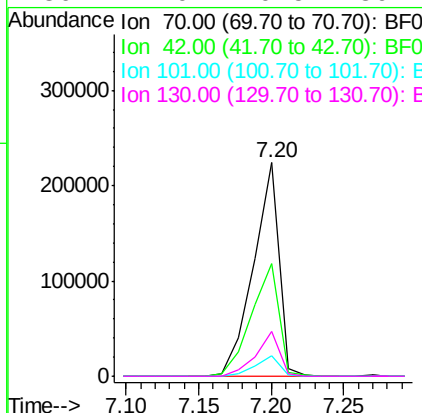
#19
n-Nitroso-di-n-propylamine
Concen: 37.88 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.9	39.8	59.8
101	9.6	8.6	13.0
130	21.0	20.5	30.7

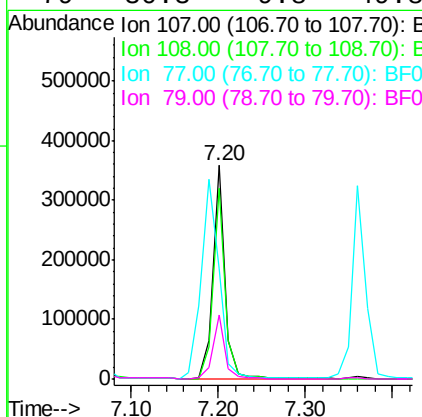
Manual Integrations
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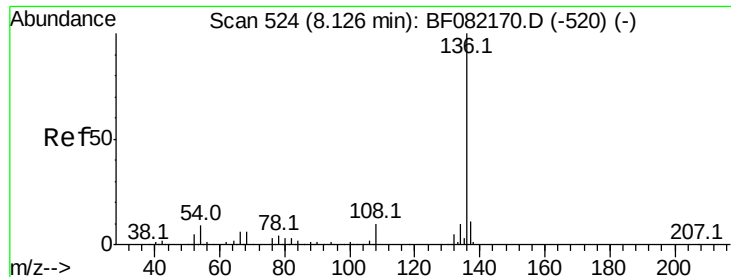
mmdadoda
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#20
3+4-Methylphenols
Concen: 38.19 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.9	109.9
77	51.8	106.0	146.0#
79	30.3	9.8	49.8





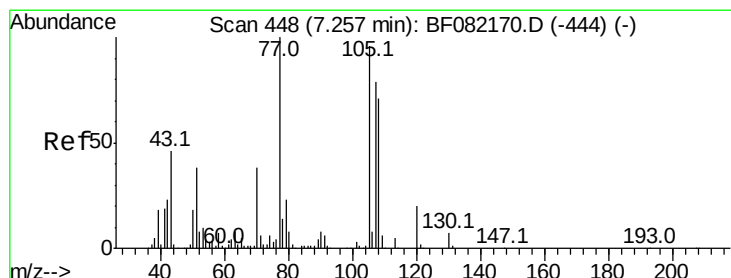
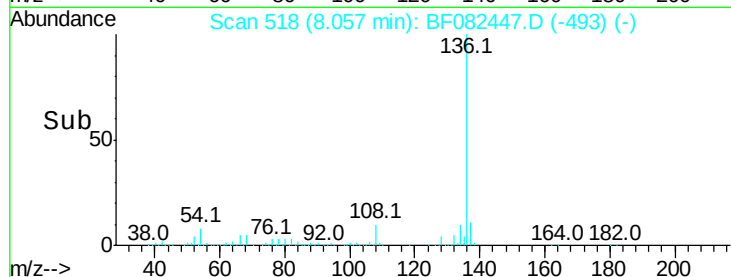
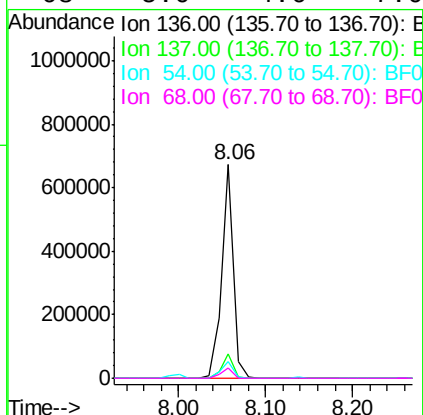
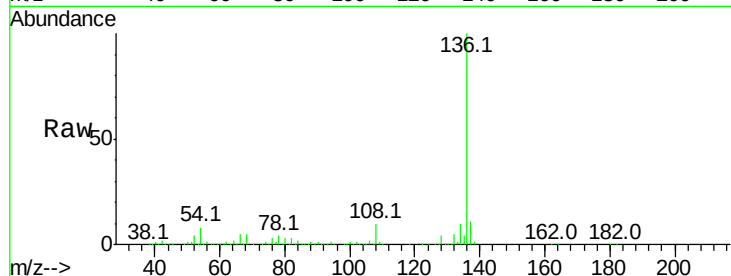
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.0	13.6	
54	7.7	7.5	11.3	
68	5.0	4.6	7.0	

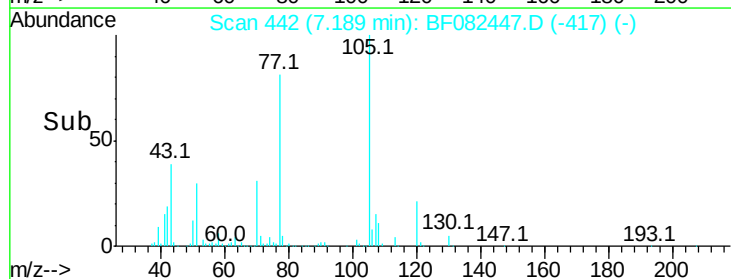
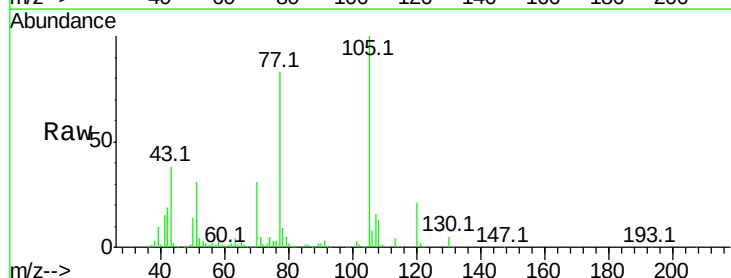
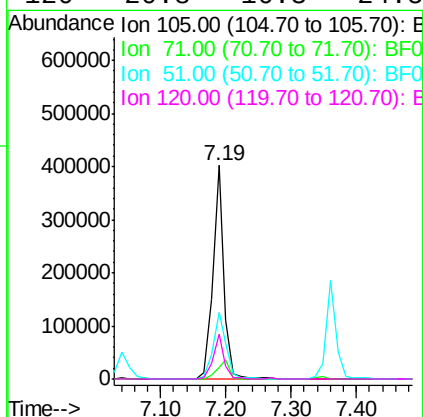
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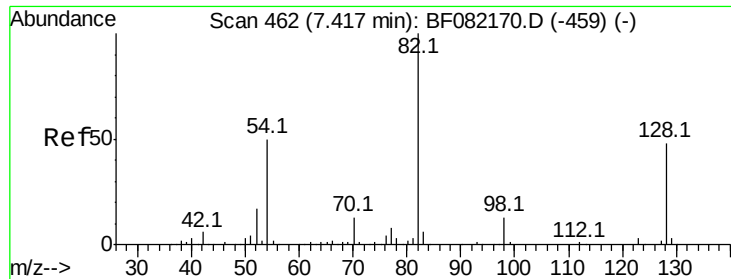
mmdadoda
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#22
Acetophenone
Concen: 38.27 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.1	5.4	8.0#	
51	31.0	31.8	47.6#	
120	20.8	16.3	24.5	





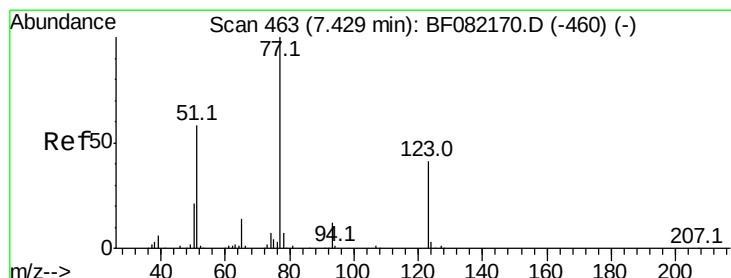
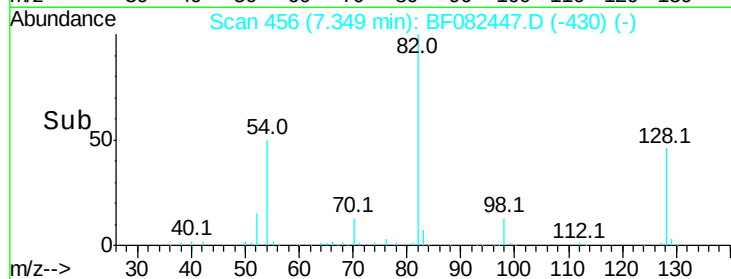
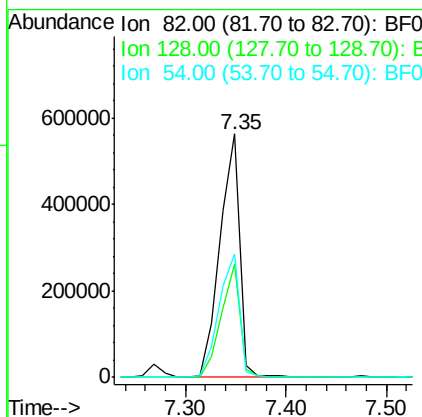
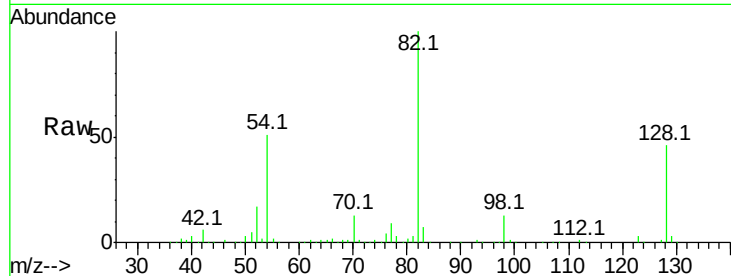
#23
 Nitrobenzene-d5
 Concen: 81.11 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	772580		
128	46.4		38.7	58.1
54	50.9		40.1	60.1

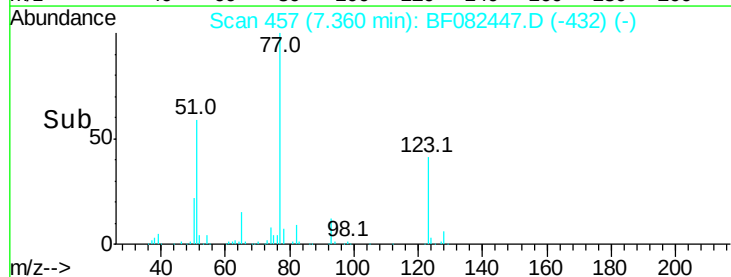
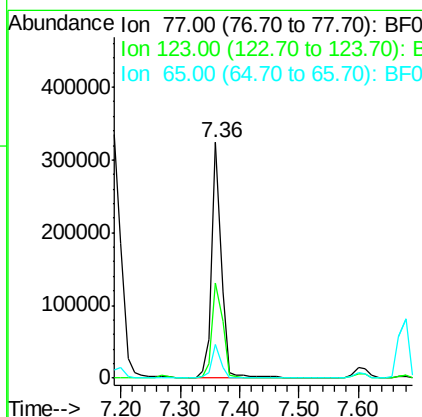
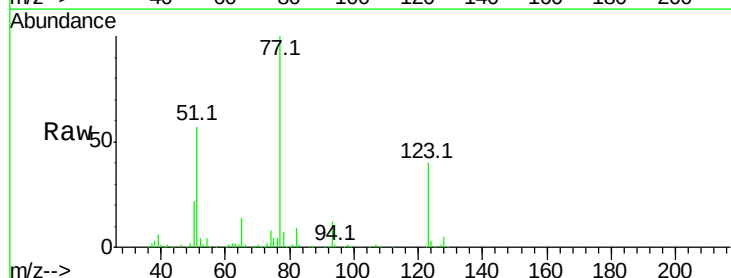
Manual Integrations
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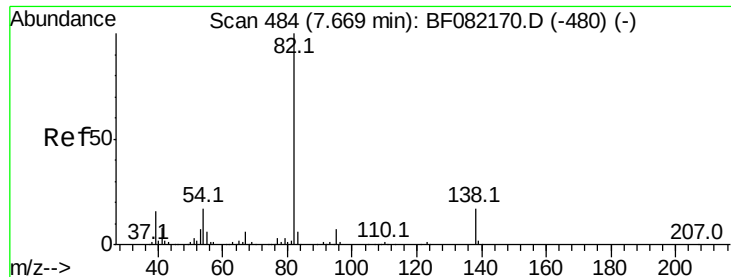
mmdadoda
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#24
 Nitrobenzene
 Concen: 35.09 ng
 RT: 7.36 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	361812		
123	40.3		33.0	49.4
65	14.2		11.2	16.8





#25

Isophorone

Concen: 37.83 ng

RT: 7.60 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

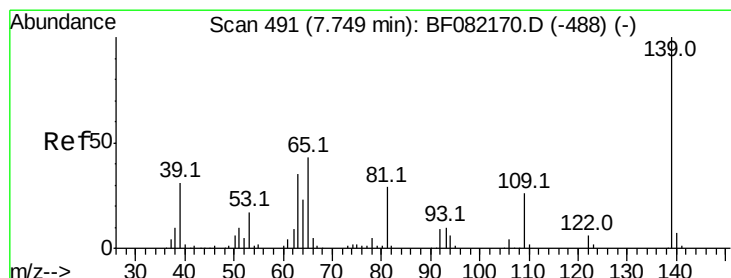
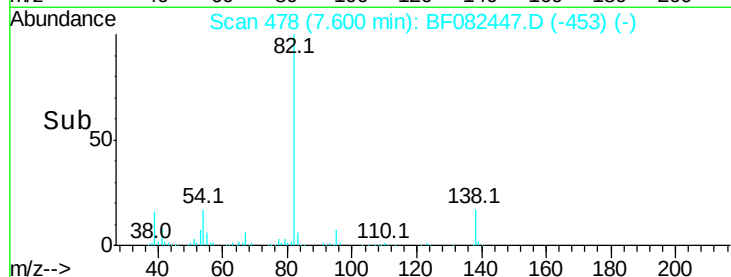
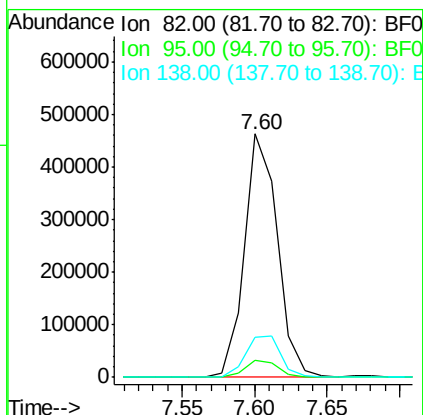
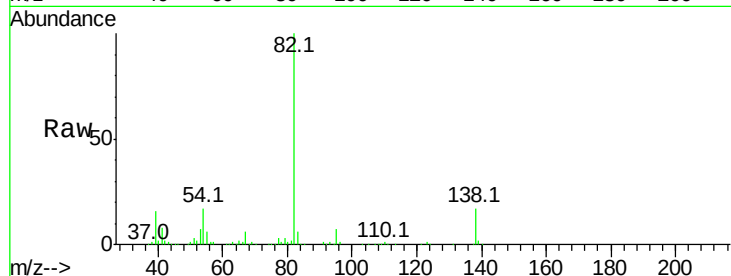
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	727212
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	16.6	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.53 ng

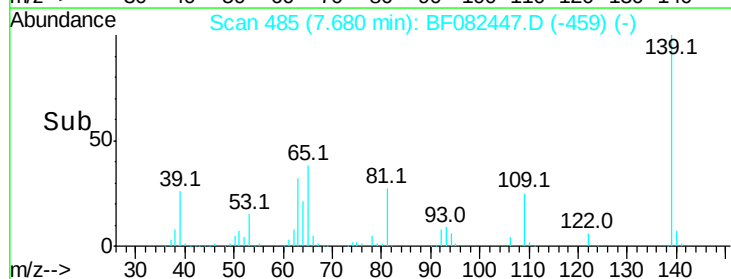
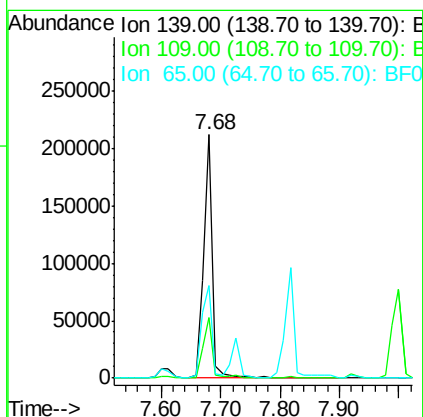
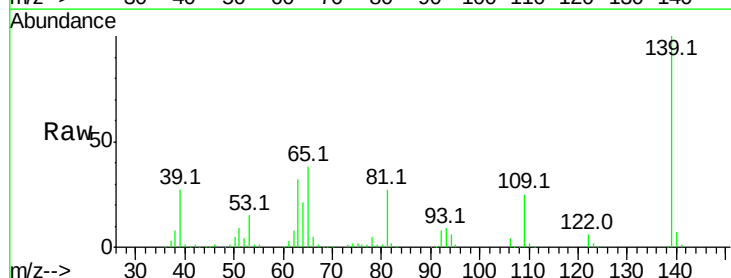
RT: 7.68 min Scan# 485

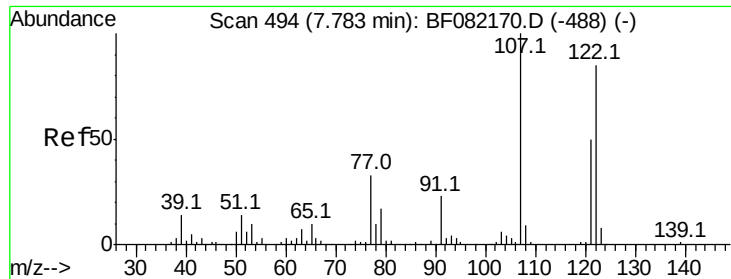
Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Tgt Ion:	139	Resp:	224090
Ion Ratio	Lower	Upper	
139	100		
109	24.9	20.6	31.0
65	38.2	34.3	51.5





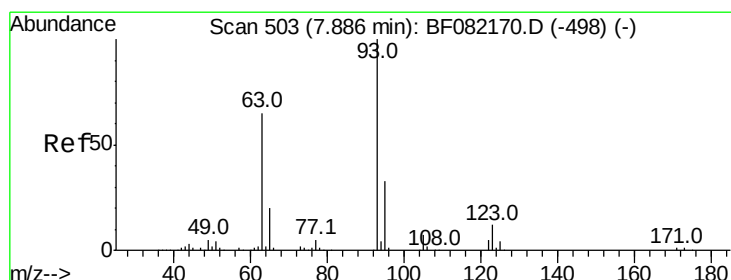
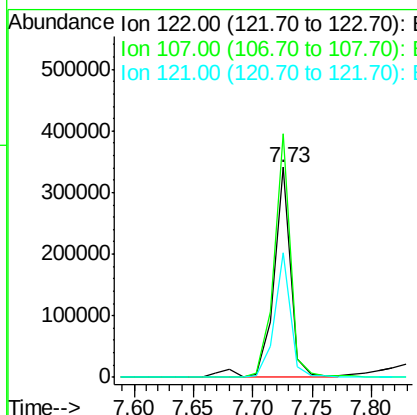
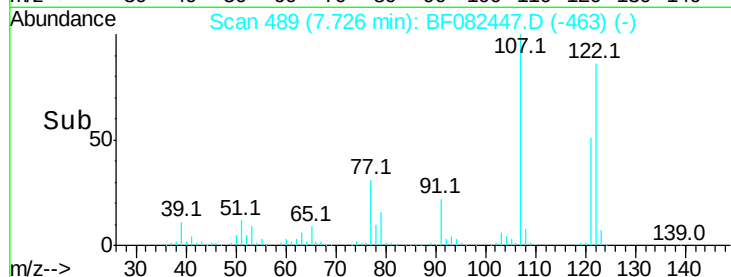
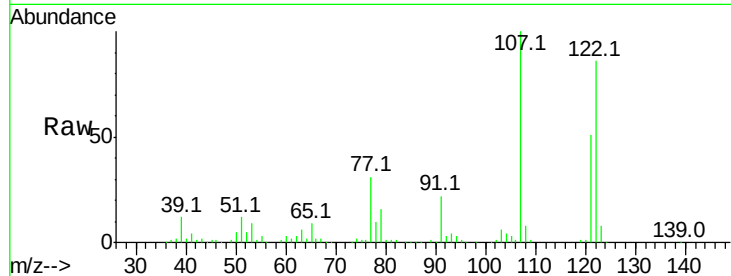
#27
 2,4-Dimethylphenol
 Concen: 41.02 ng
 RT: 7.73 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	122	Resp:	340228
Ion Ratio	Lower	Upper	
122	100		
107	115.9	94.0	141.0
121	59.2	46.8	70.2

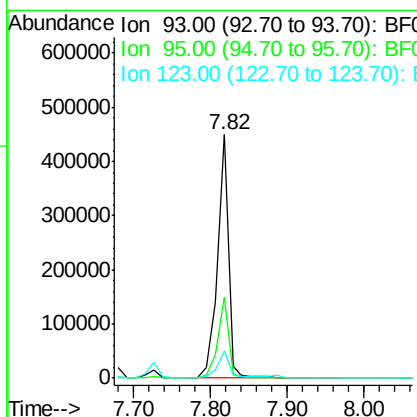
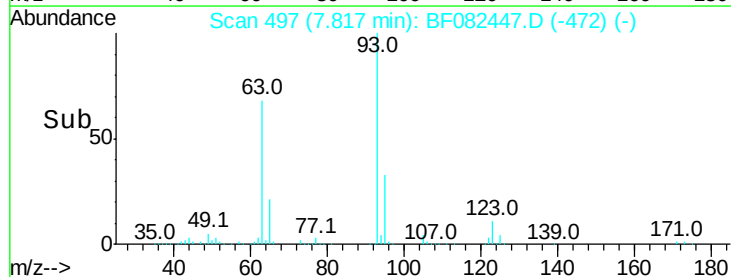
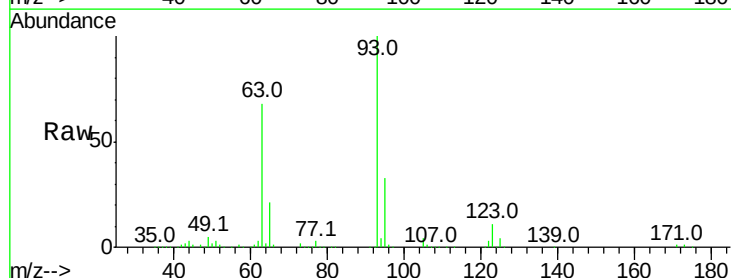
Manual Integrations
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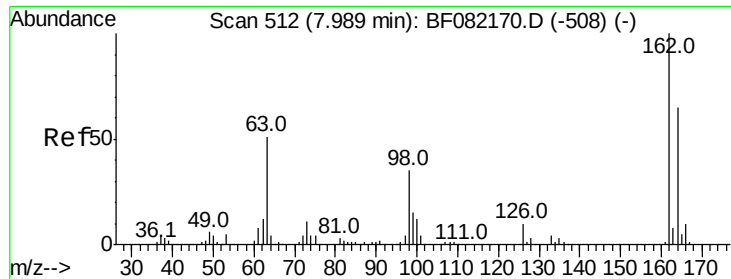
mmdadoda
 10/23/2015 4:45:08 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.05 ng
 RT: 7.82 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion:	93	Resp:	447963
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.6	39.8
123	11.4	9.5	14.3





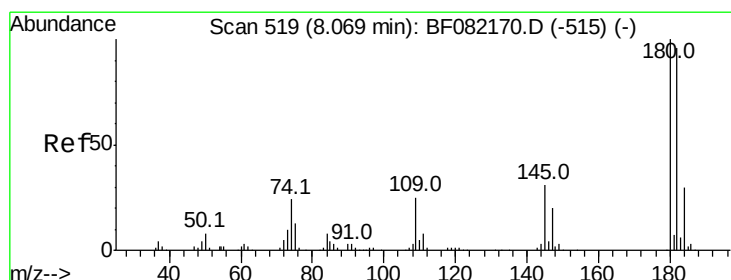
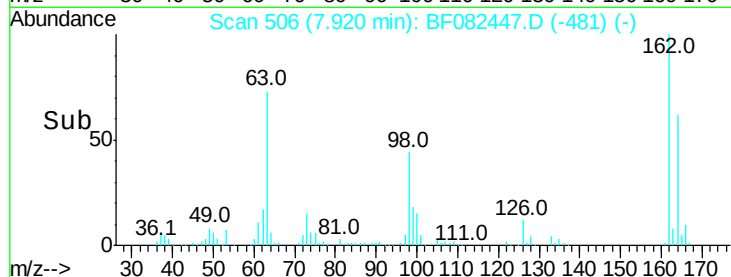
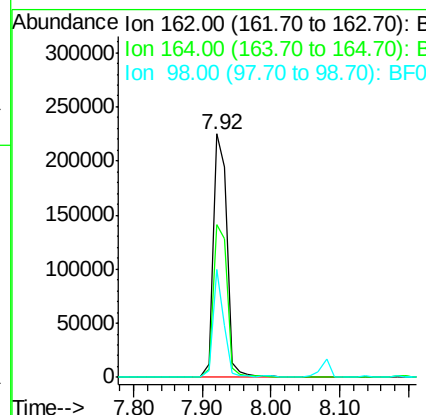
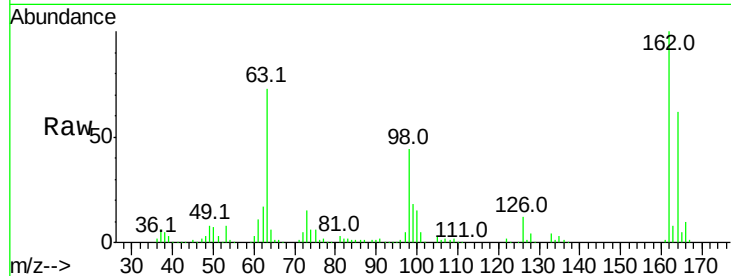
#29
 2,4-Dichlorophenol
 Concen: 38.19 ng
 RT: 7.92 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		316647		
164	62.5	44.6		84.6	
98	44.2	15.0		55.0	

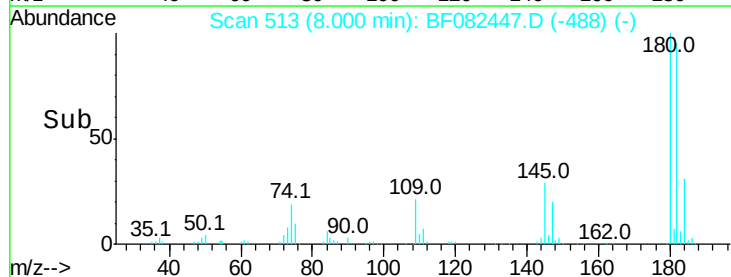
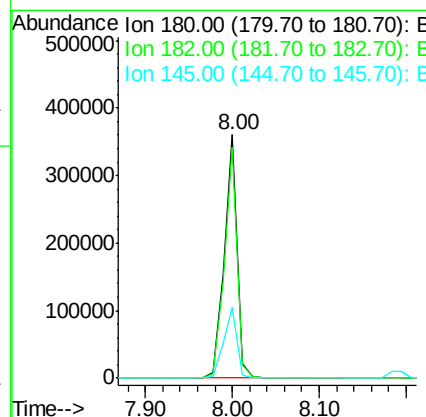
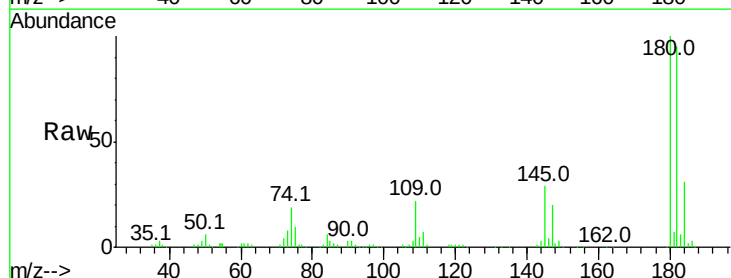
Manual Integrations
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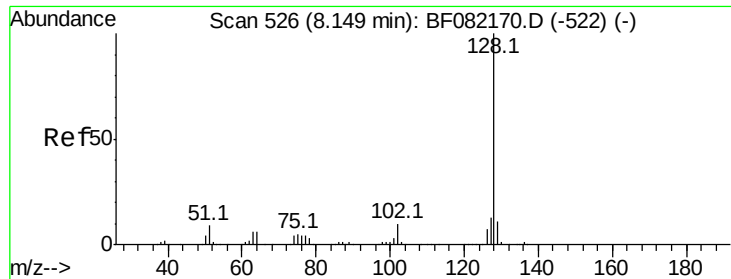
mmdadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.47 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		377247		
182	94.8	77.0		115.4	
145	29.2	25.0		37.4	





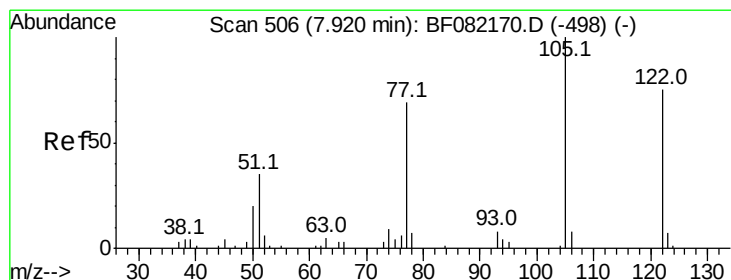
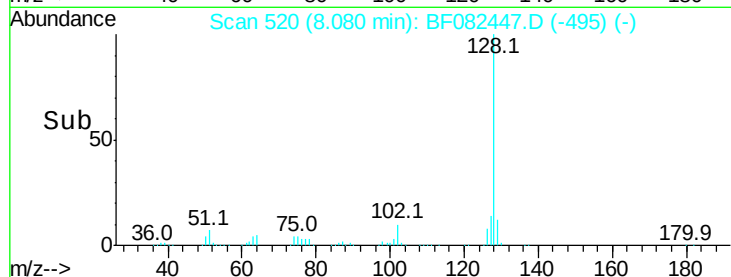
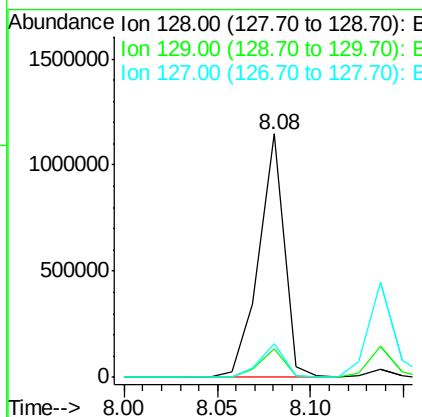
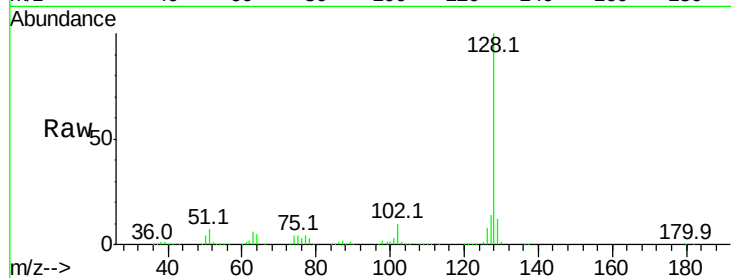
#31
Naphthalene
Concen: 39.02 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.8	10.7	16.1

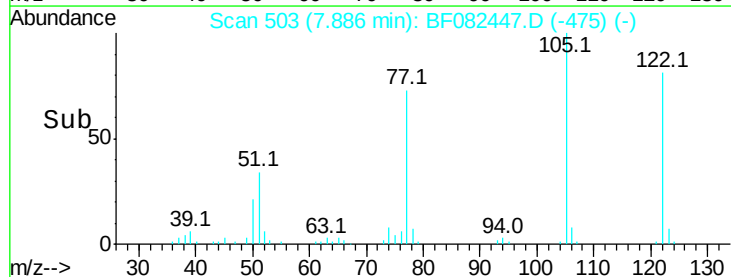
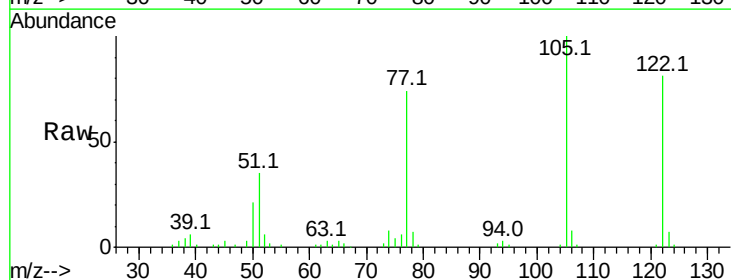
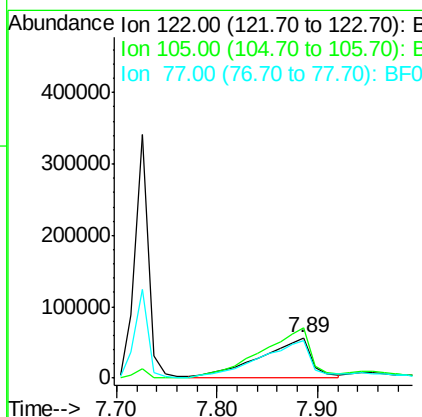
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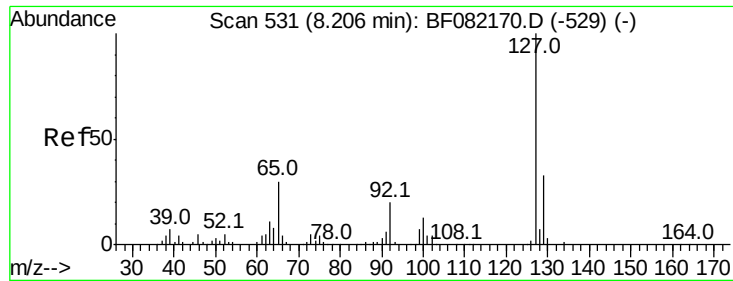
mmdadoda
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#32
Benzoic acid
Concen: 35.46 ng
RT: 7.89 min Scan# 503
Delta R.T. 0.02 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	104.4	144.4
77	90.7	69.0	109.0





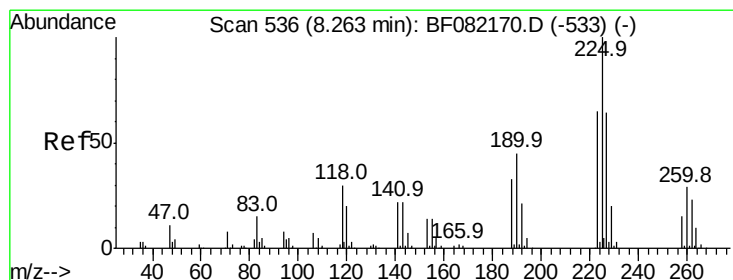
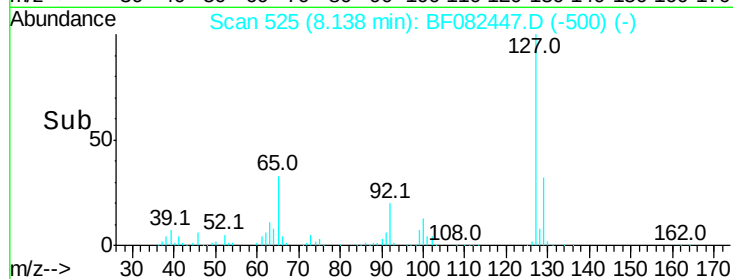
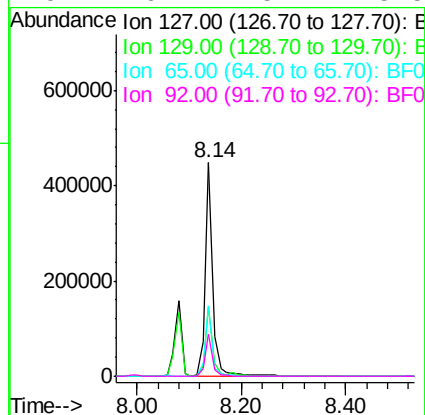
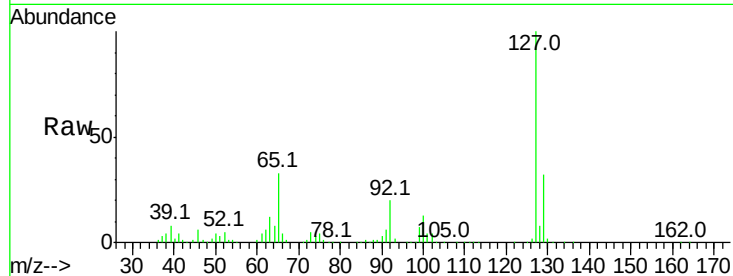
#33
4-Chloroaniline
Concen: 39.03 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.3	39.5	
65	33.2	24.4	36.6	
92	20.1	15.7	23.5	

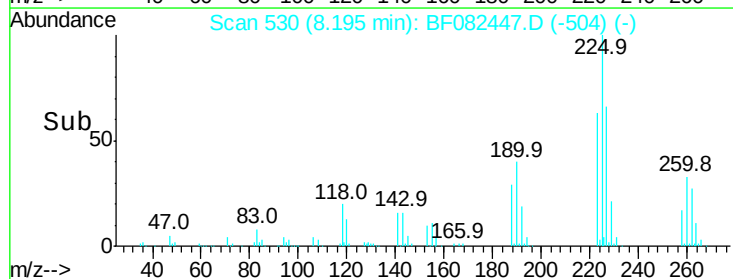
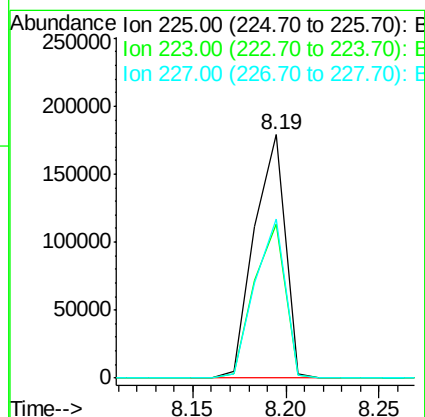
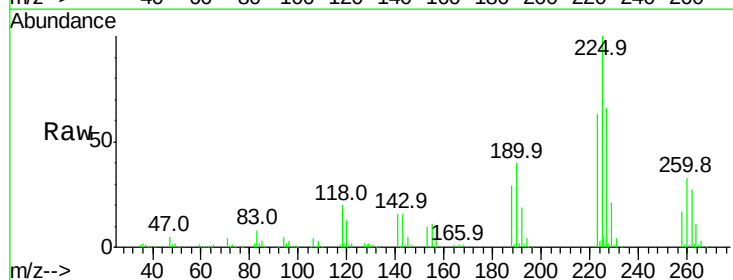
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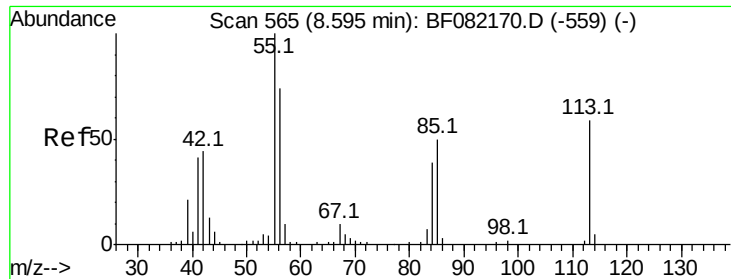
mmdadoda
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#34
Hexachlorobutadiene
Concen: 34.34 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	52.2	78.2	
227	65.6	51.3	76.9	





#35

Caprolactam

Concen: 45.24 ng

RT: 8.54 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

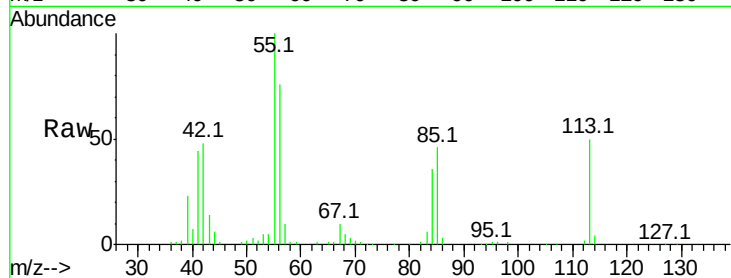
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	108868
Ion Ratio	Lower	Upper	
113	100		
55	198.2	149.7	189.7#
56	150.7	105.4	145.4#

Manual Integrations
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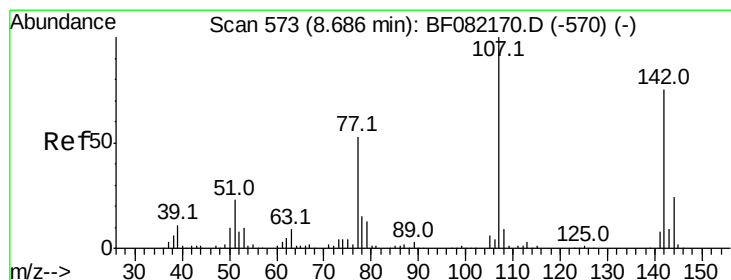
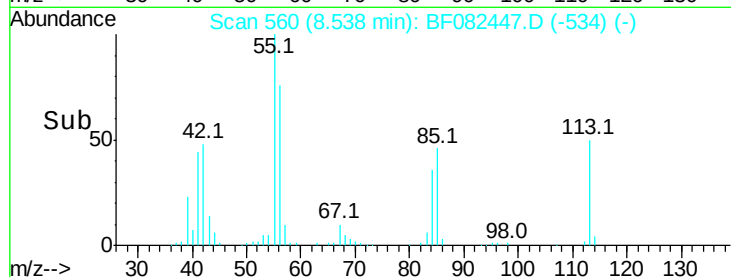
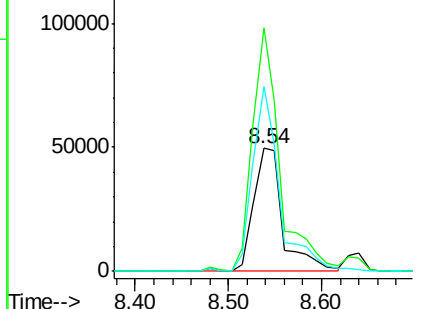
mmdadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.94 ng

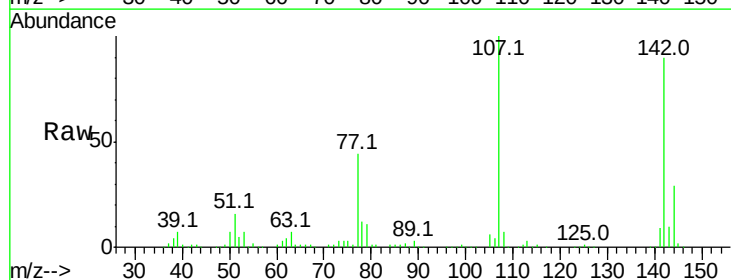
RT: 8.64 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

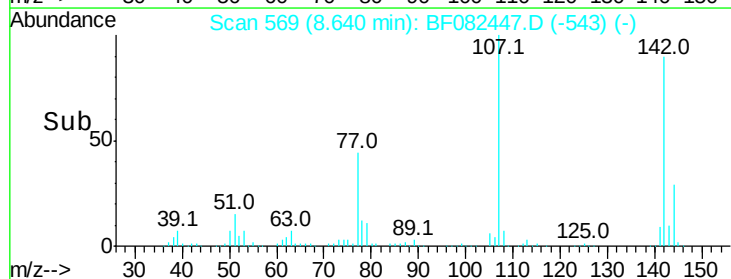
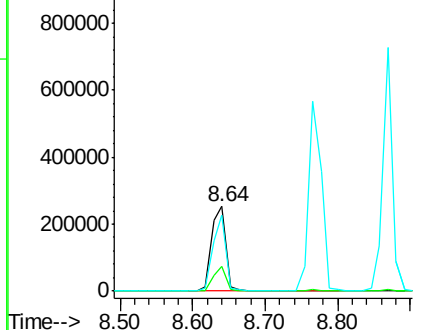
Tgt Ion:	107	Resp:	348213
Ion Ratio	Lower	Upper	
107	100		
144	29.2	19.3	28.9#
142	89.7	59.9	89.9

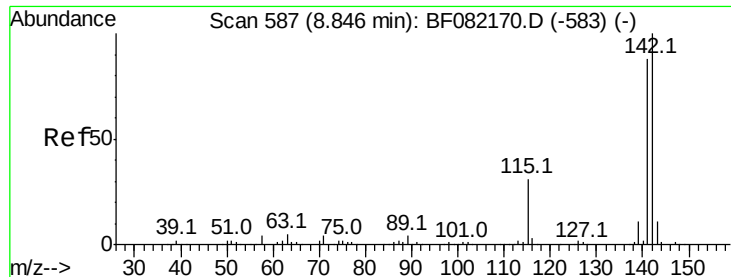


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





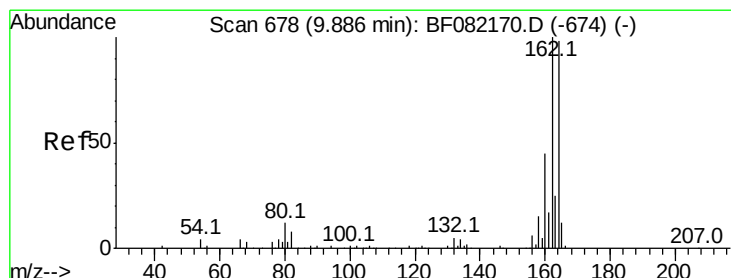
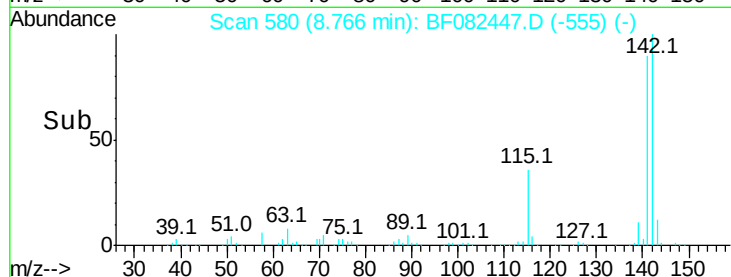
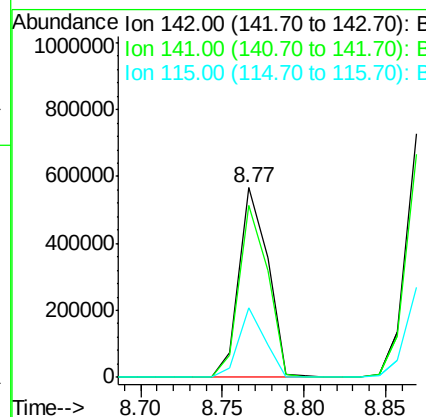
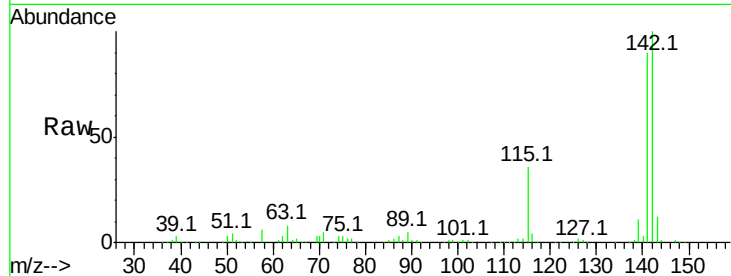
#37
 2-Methylnaphthalene
 Concen: 36.11 ng
 RT: 8.77 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	142	Resp:	694084
Ion Ratio	Lower	Upper	
142	100		
141	90.4	70.4	105.6
115	36.5	24.6	37.0

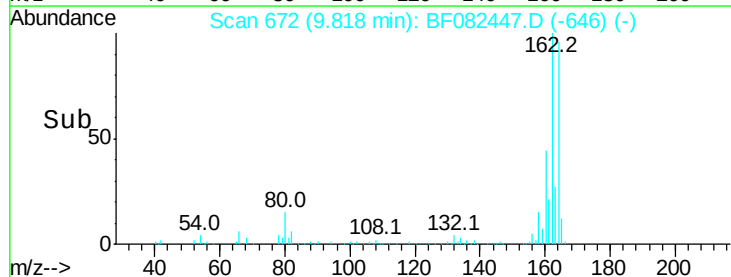
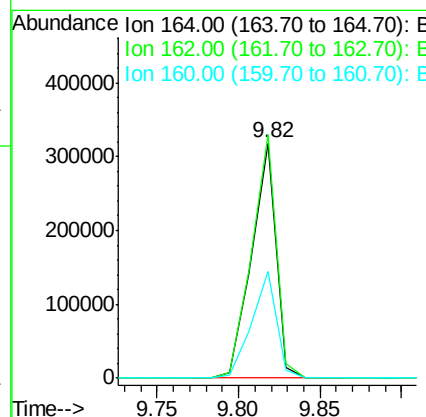
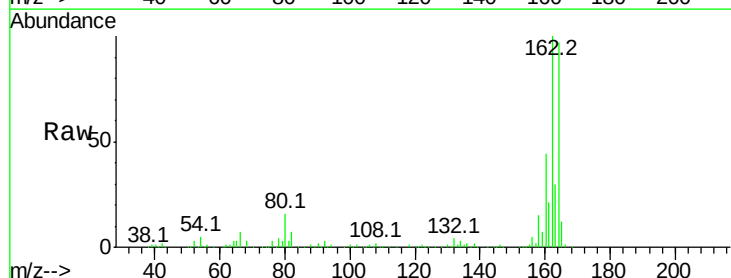
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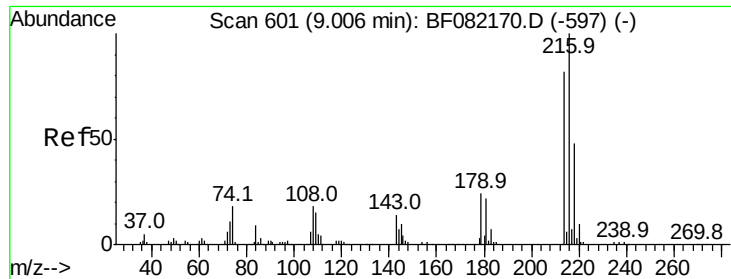
mmdadoda
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion:	164	Resp:	331075
Ion Ratio	Lower	Upper	
164	100		
162	103.6	81.6	122.4
160	45.5	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.31 ng

RT: 8.94 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

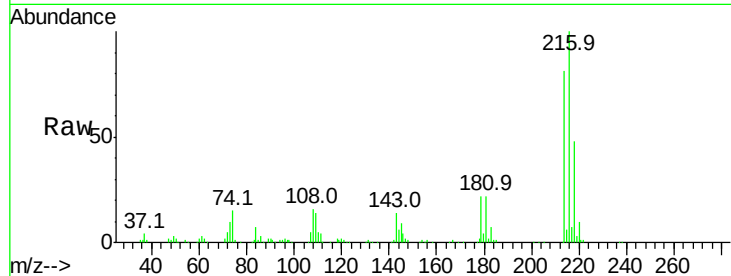
ClientSampleId :

SSTDCCC040

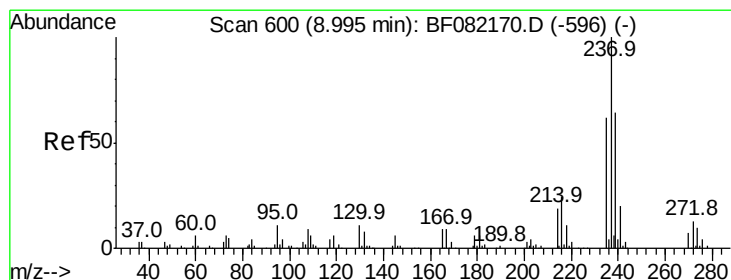
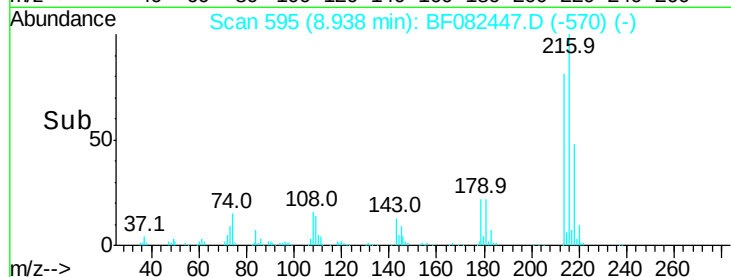
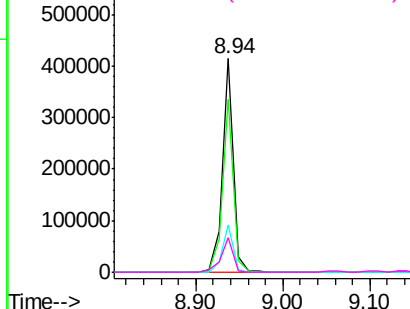
Tot Ion	Ratio	Resp	Lower	Upper
216	100	367393		
214	80.4	64.6	97.0	
179	21.9	17.6	26.4	
108	18.1	14.5	21.7	

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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: 29.58 ng

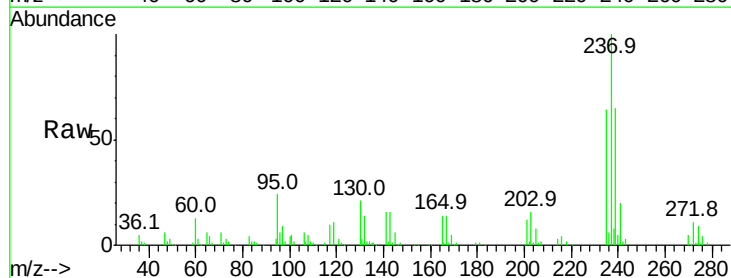
RT: 8.91 min Scan# 593

Delta R.T. -0.01 min

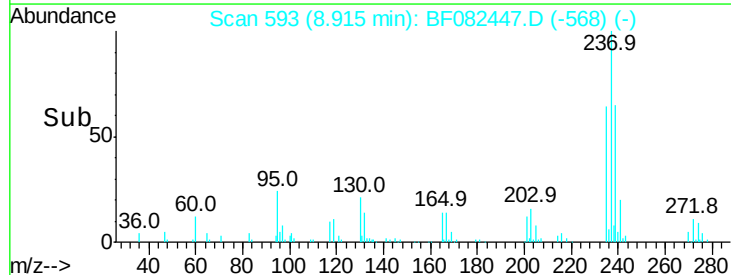
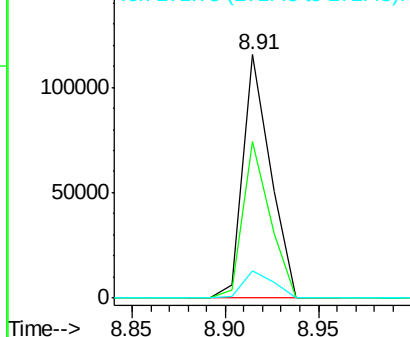
Lab File: BF082447.D

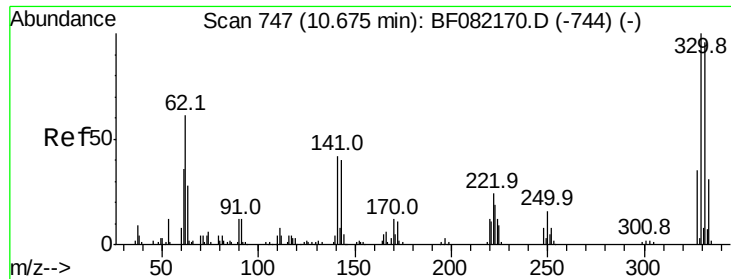
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	118302		
235	64.1	41.7	81.7	
272	11.1	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





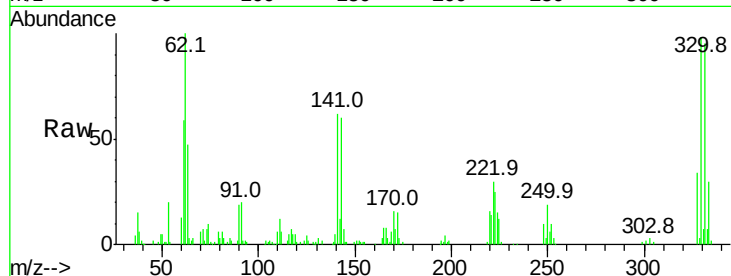
#41
 2,4,6-Tribromophenol
 Concen: 61.58 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

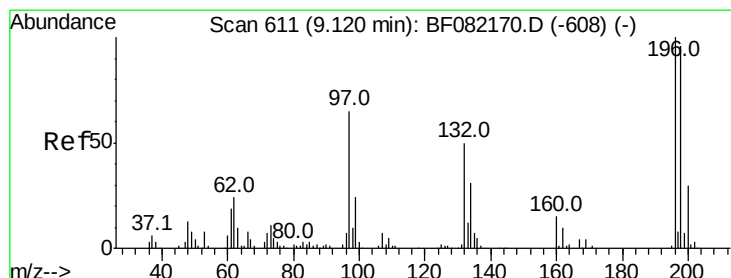
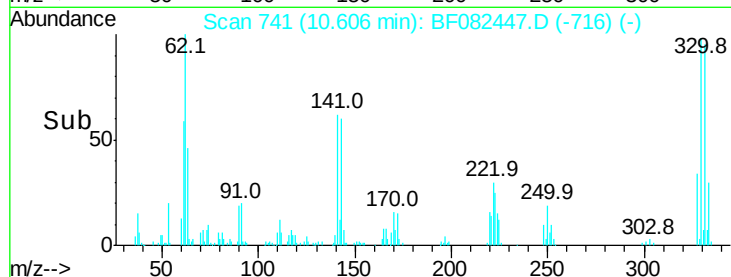
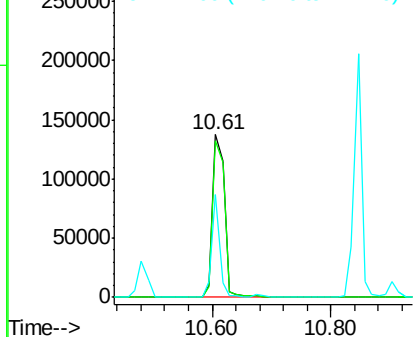
Tot Ion	Ratio	Resp	Lower	Upper
330	100	191206		
332	97.1	77.1	115.7	
141	42.2	29.8	44.8	

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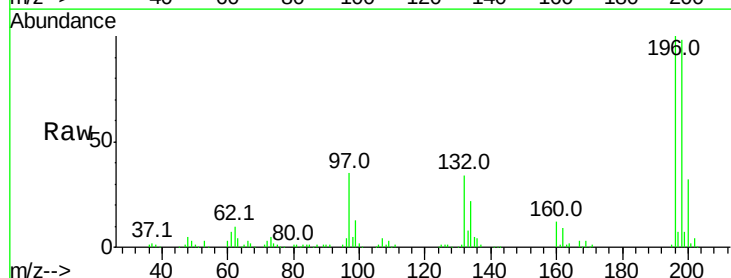


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

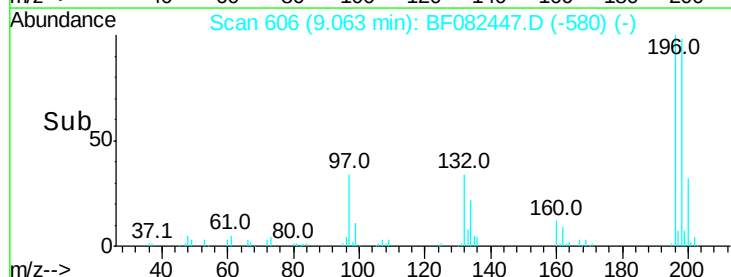
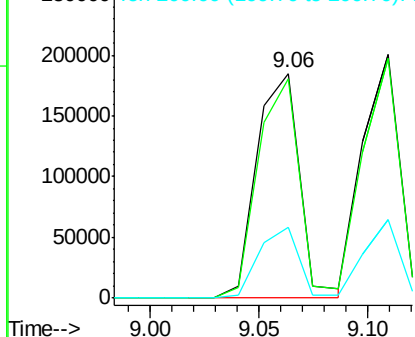


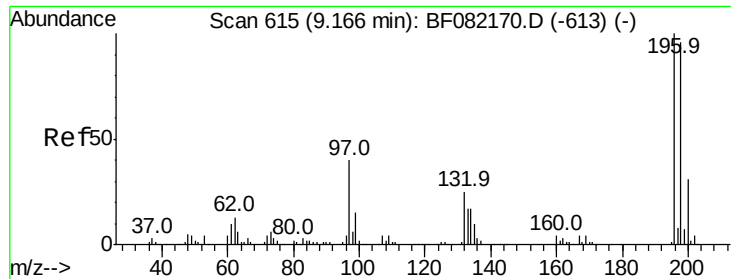
#42
 2,4,6-Trichlorophenol
 Concen: 38.77 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253592		
198	97.7	76.6	115.0	
200	31.7	23.7	35.5	



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





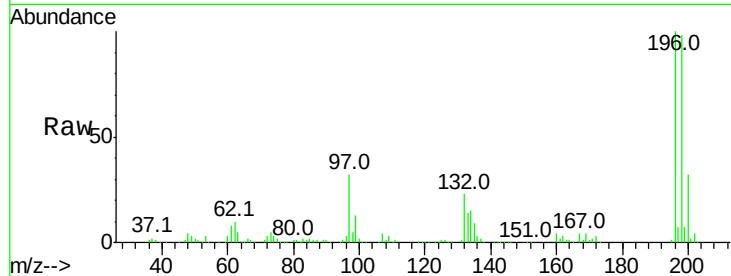
#43
 2,4,5-Trichlorophenol
 Concen: 34.74 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

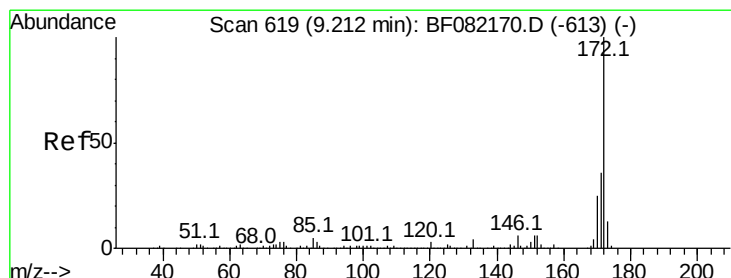
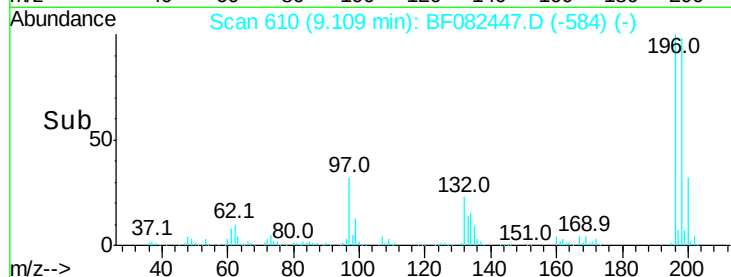
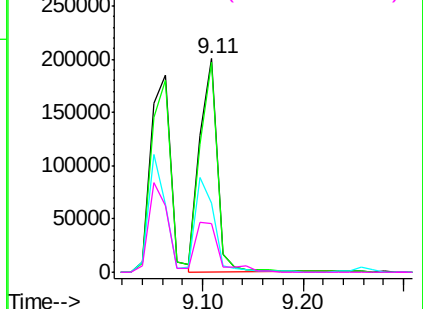
Tot Ion:	196	Resp:	246159
Ion Ratio	Lower	Upper	
196	100		
198	98.4	77.0	115.4
97	32.2	31.9	47.9
132	22.8	20.3	30.5

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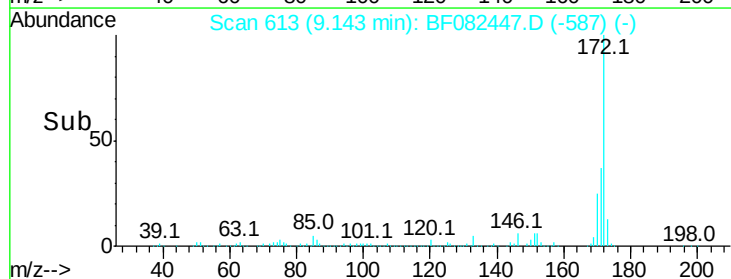
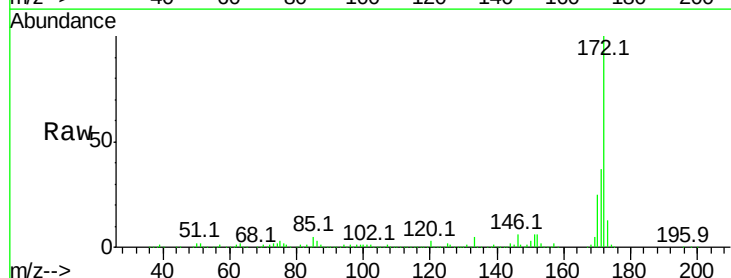
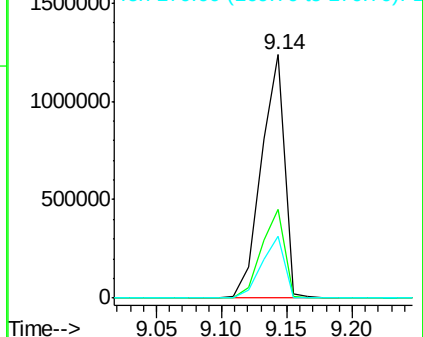
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

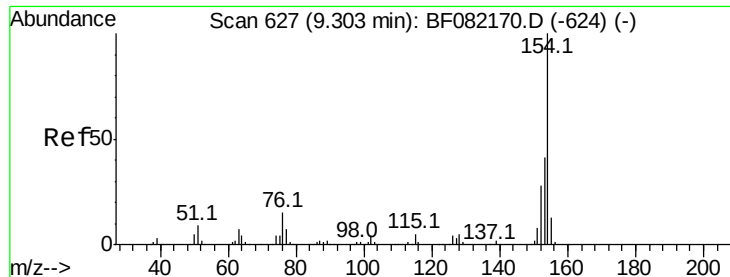


#44
 2-Fluorobiphenyl
 Concen: 77.16 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion:	172	Resp:	1540423
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.6	42.8
170	25.2	19.7	29.5

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





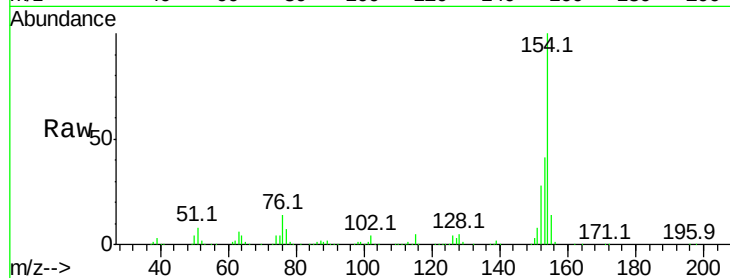
#45
 1,1'-Biphenyl
 Concen: 33.52 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

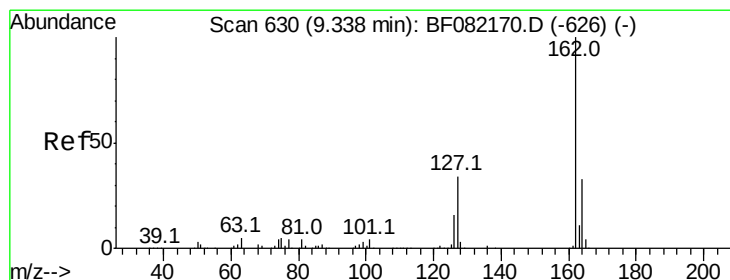
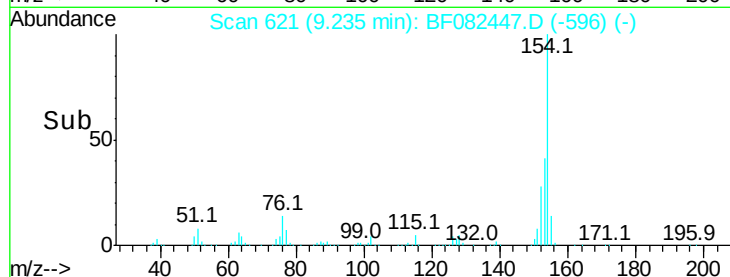
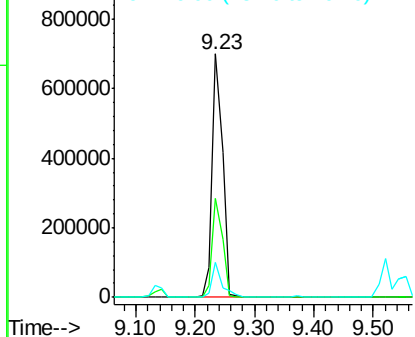
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	20.6	60.6	
76	14.4	0.0	35.2	

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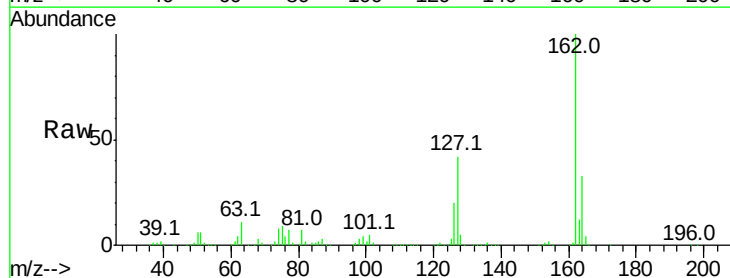


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

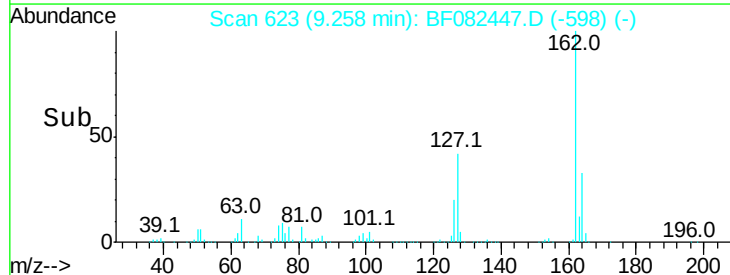
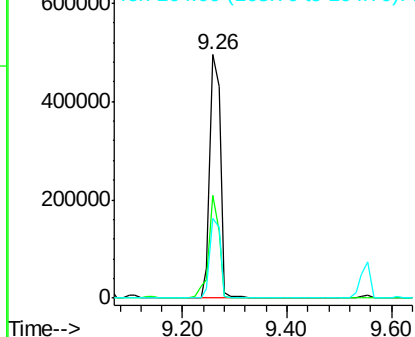


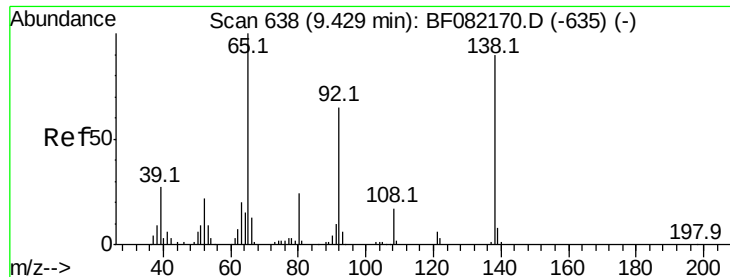
#46
 2-Chloronaphthalene
 Concen: 35.12 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.2	27.5	41.3#	
164	32.8	26.6	39.8	



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





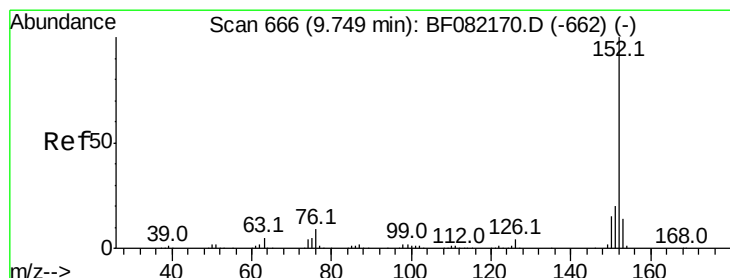
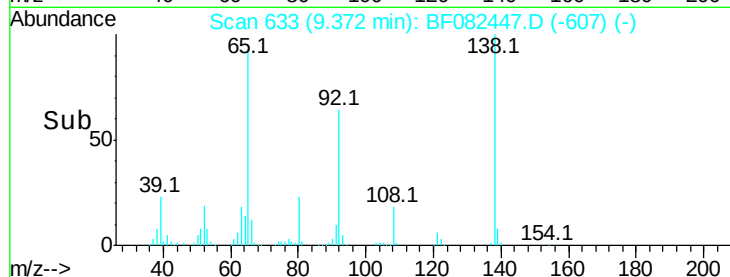
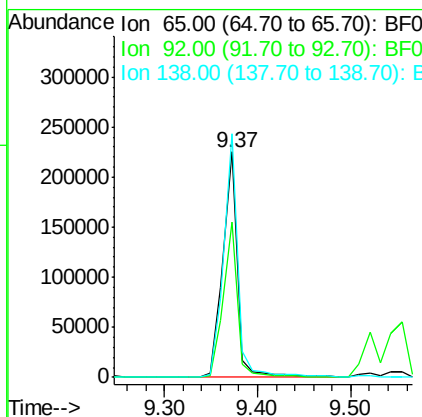
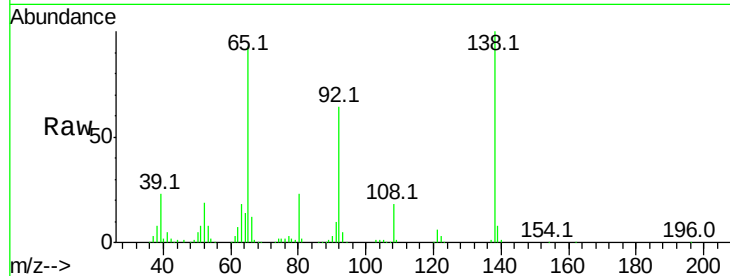
#47
2-Nitroaniline
Concen: 45.22 ng
RT: 9.37 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	52.3	78.5
138	107.9	72.2	108.4

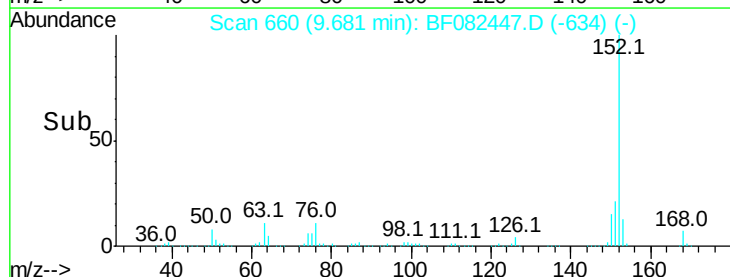
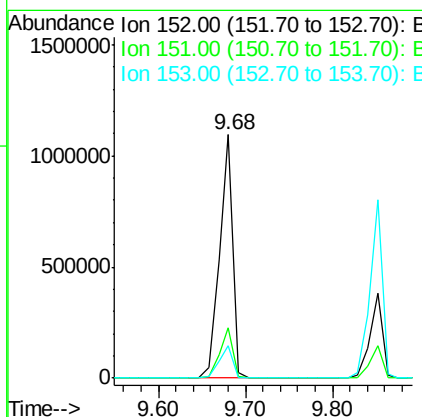
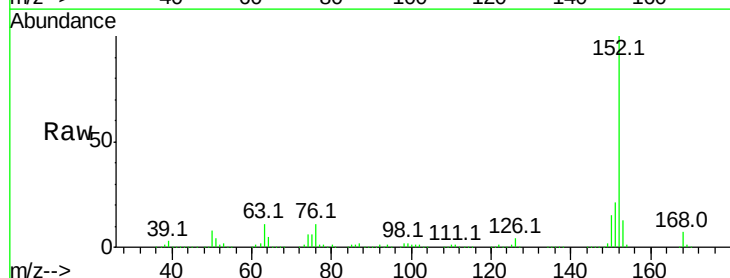
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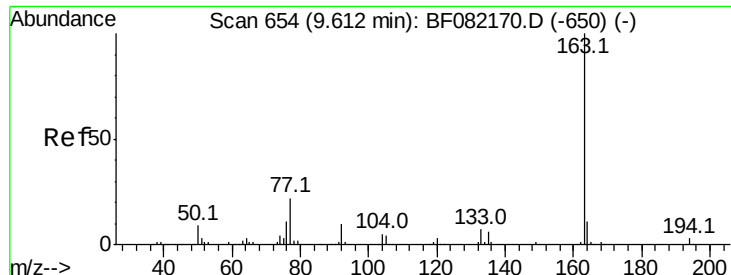
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#48
Acenaphthylene
Concen: 38.10 ng
RT: 9.68 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	13.4	10.8	16.2





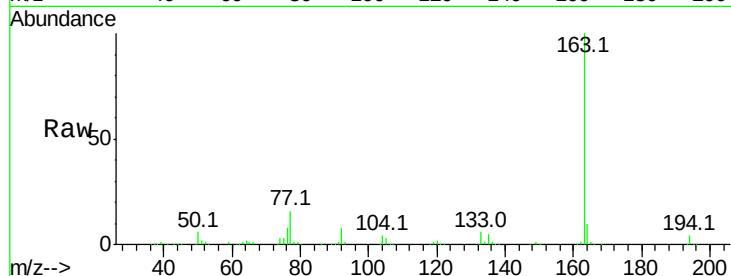
#49
Dimethylphthalate
Concen: 38.82 ng
RT: 9.55 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

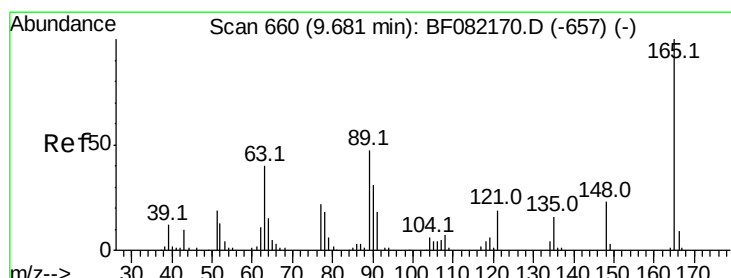
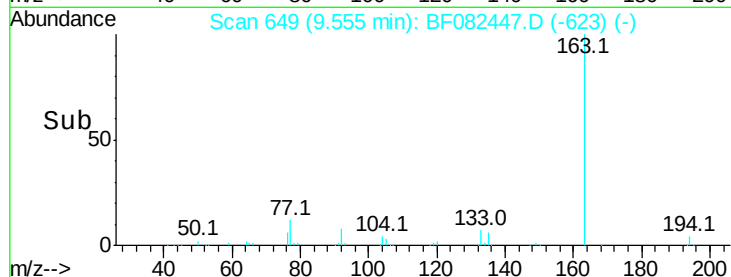
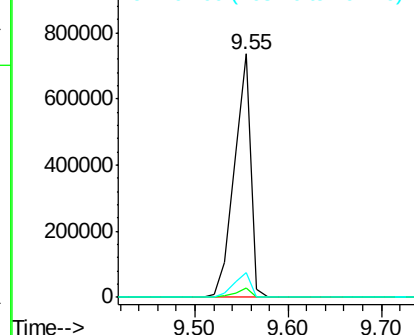
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.6	4.0	
164	10.1	8.5	12.7	

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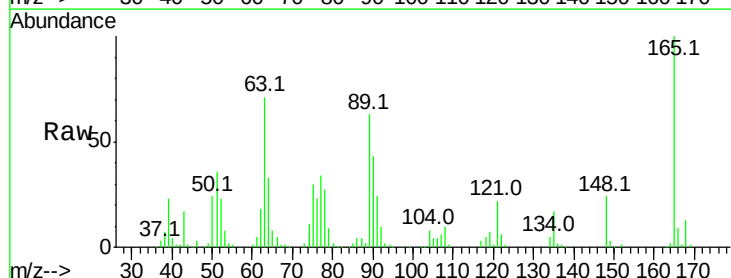


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

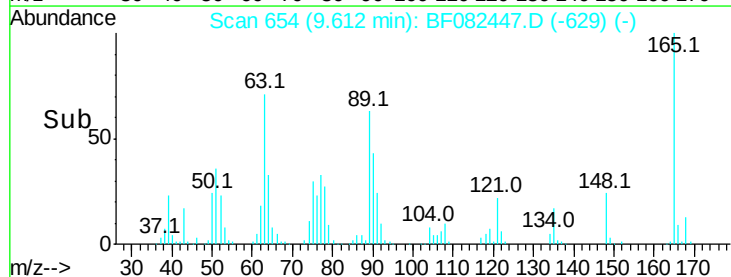
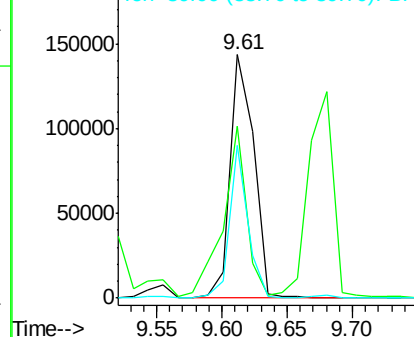


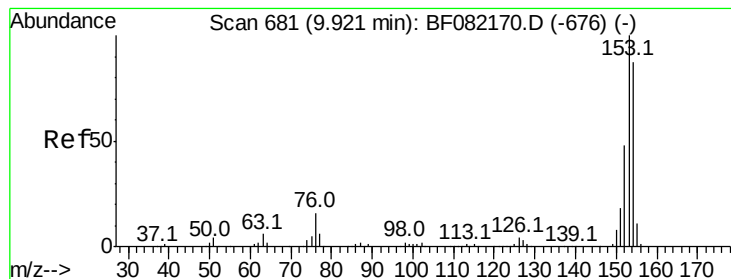
#50
2,6-Dinitrotoluene
Concen: 36.73 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	70.8	36.7	55.1#	
89	62.7	37.8	56.6#	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.80 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

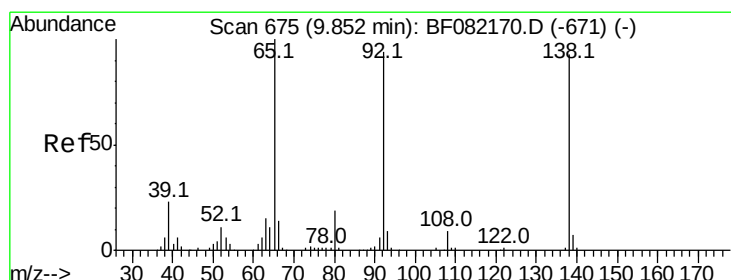
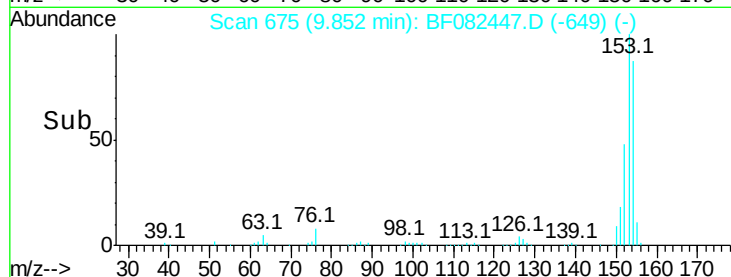
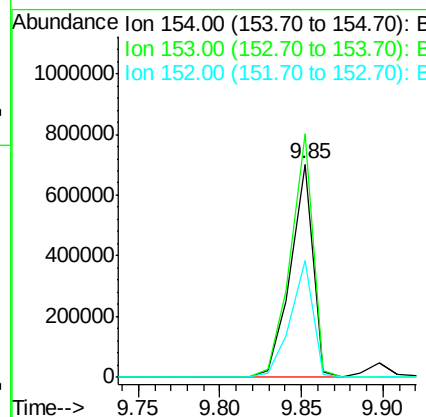
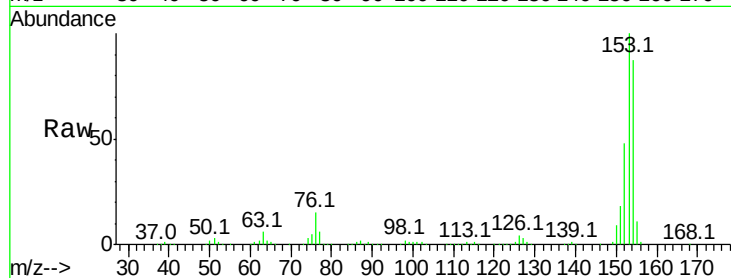
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	683884
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.4	137.2
152	54.7	44.3	66.5

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#52

3-Nitroaniline

Concen: 39.38 ng

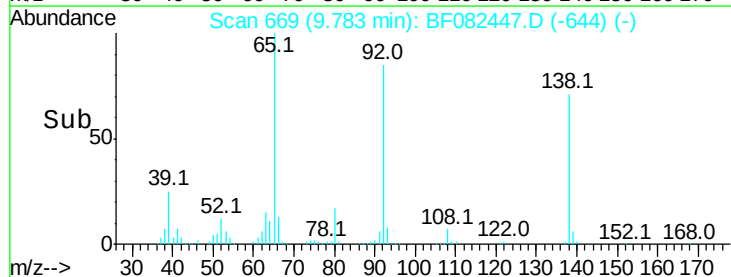
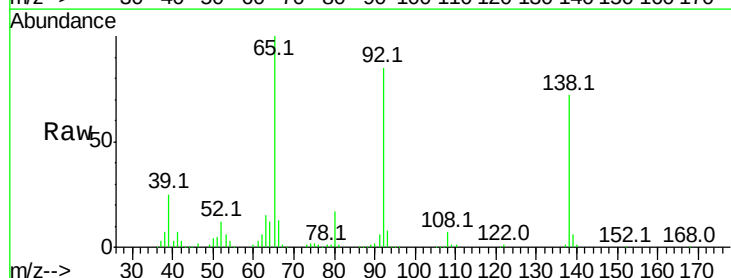
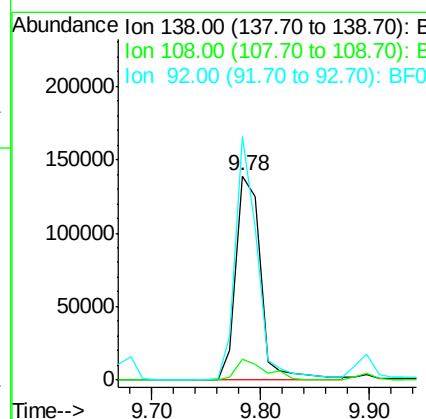
RT: 9.78 min Scan# 669

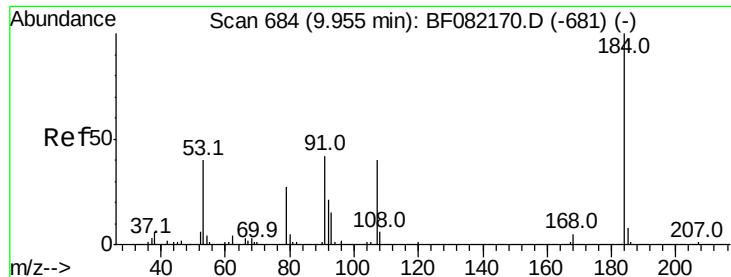
Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Tgt Ion:	138	Resp:	218839
Ion Ratio	Lower	Upper	
138	100		
108	10.2	7.4	11.0
92	119.4	81.3	121.9





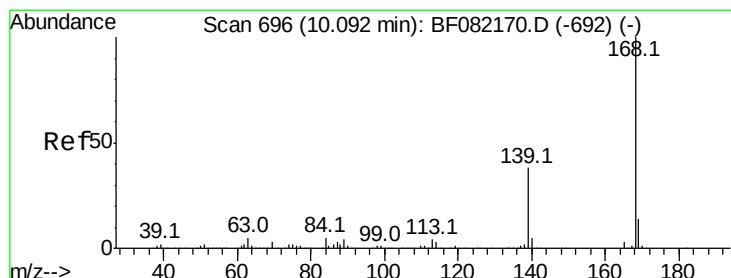
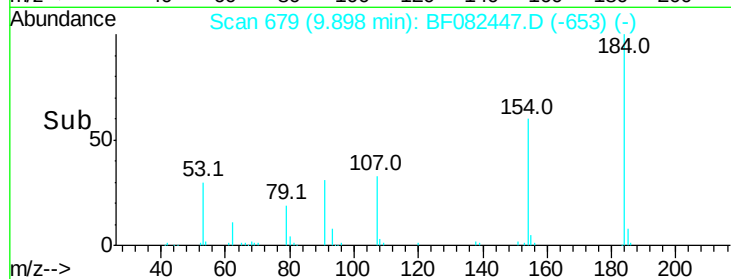
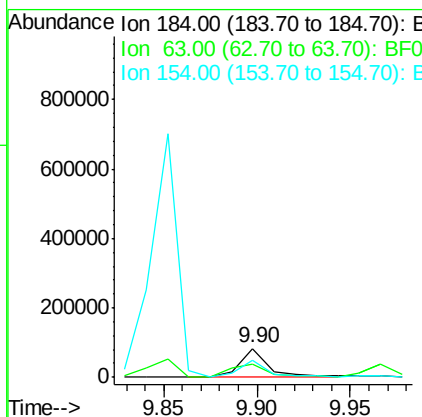
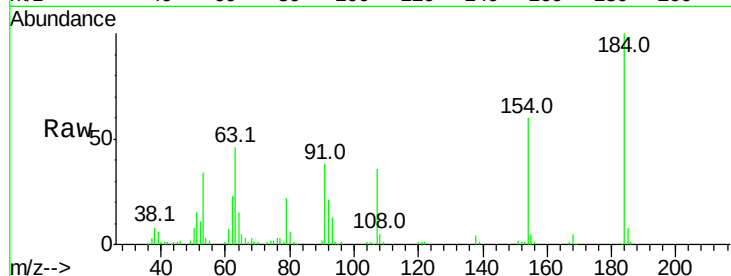
#53
2,4-Dinitrophenol
Concen: 36.69 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.7	45.1	67.7
154	59.7	51.2	76.8

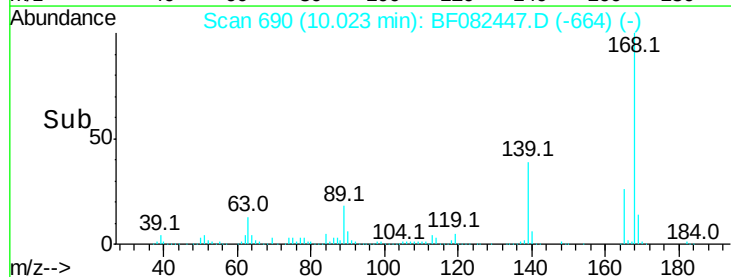
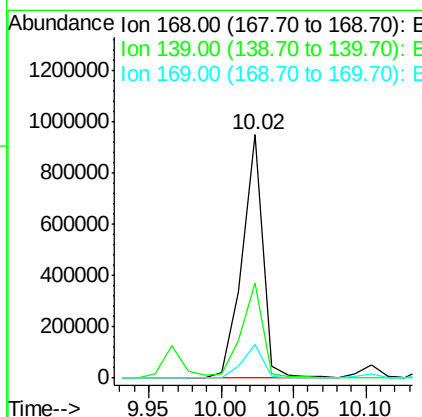
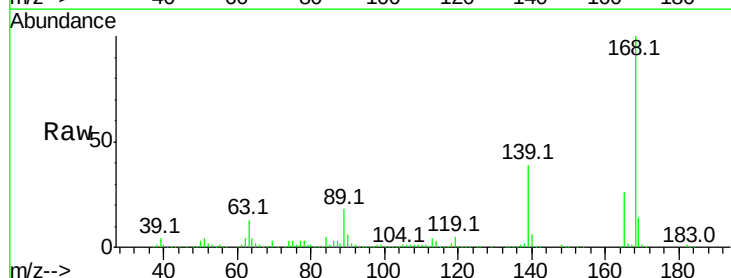
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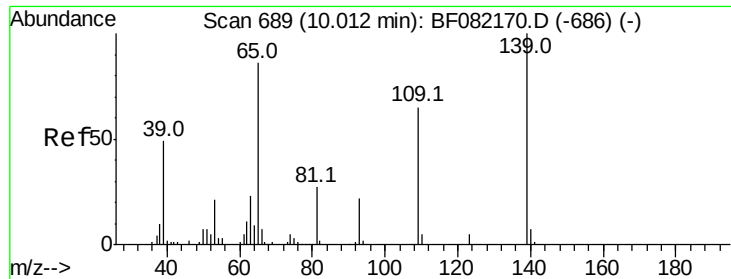
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#54
Dibenzofuran
Concen: 37.07 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.0	46.6
169	13.6	10.9	16.3





#55

4-Nitrophenol

Concen: 40.90 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

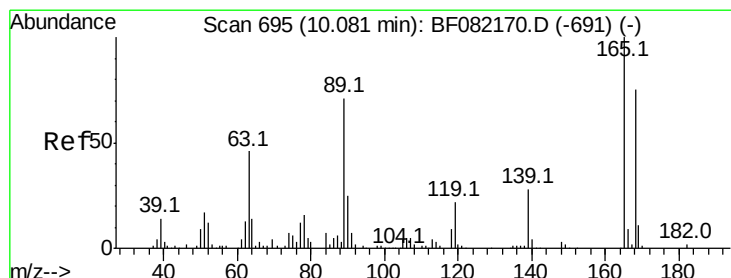
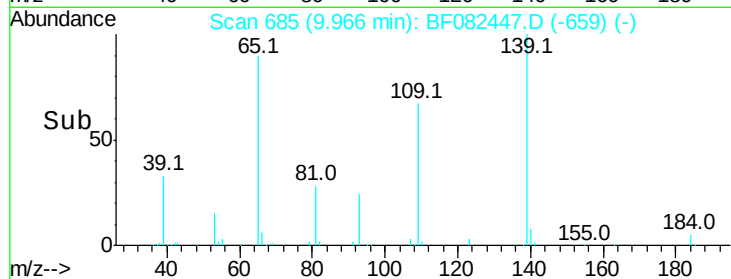
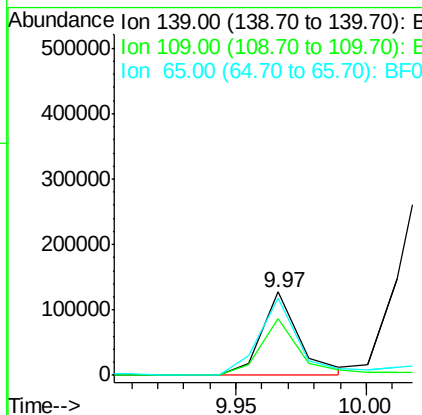
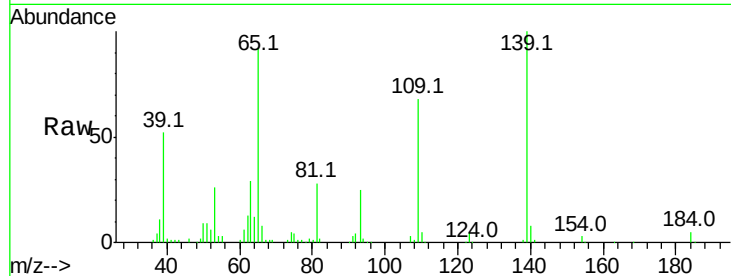
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	126815
Ion Ratio	Lower	Upper	
139	100		
109	67.8	44.8	84.8
65	92.4	67.7	107.7

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#56

2,4-Dinitrotoluene

Concen: 42.70 ng

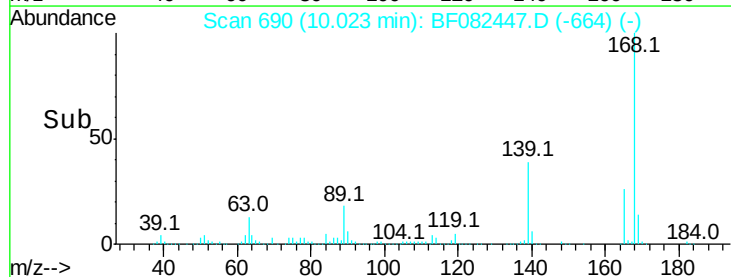
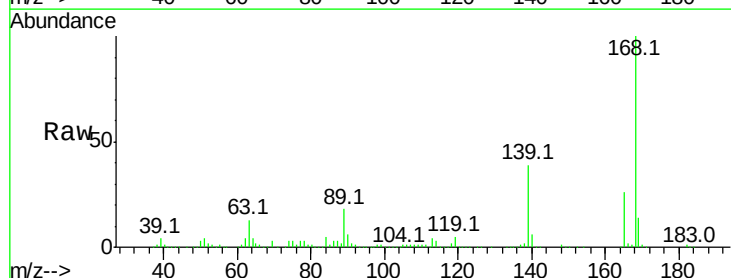
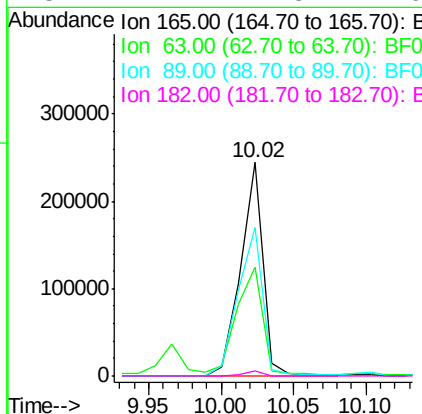
RT: 10.02 min Scan# 690

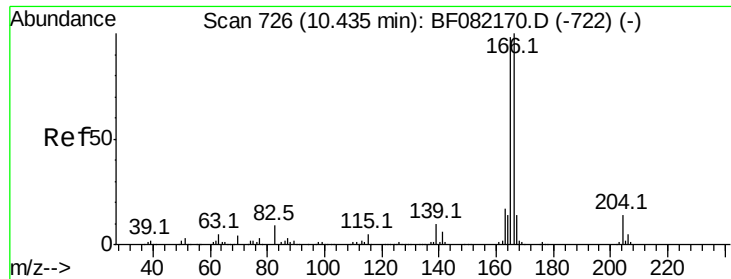
Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Tgt Ion:	165	Resp:	262545
Ion Ratio	Lower	Upper	
165	100		
63	50.8	38.6	58.0
89	69.4	57.0	85.6
182	2.2	1.8	2.6





#57

Fluorene

Concen: 38.92 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 815675

Ion Ratio Lower Upper

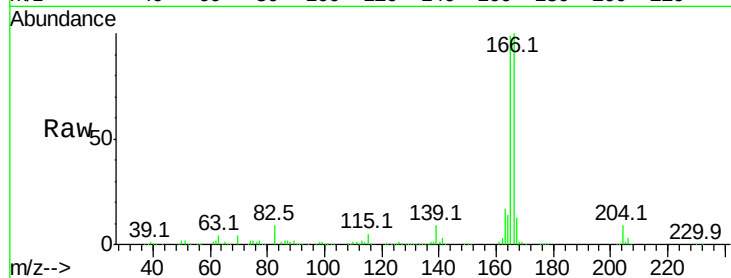
166 100

165 98.7 78.3 117.5

167 13.4 10.8 16.2

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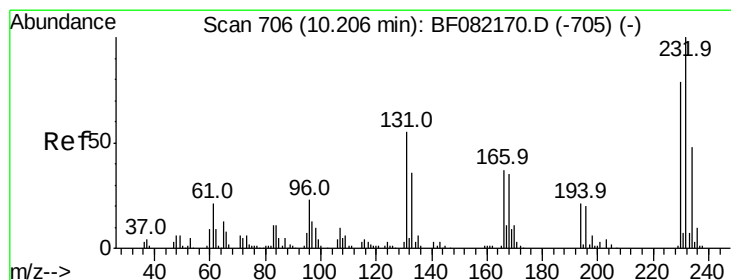
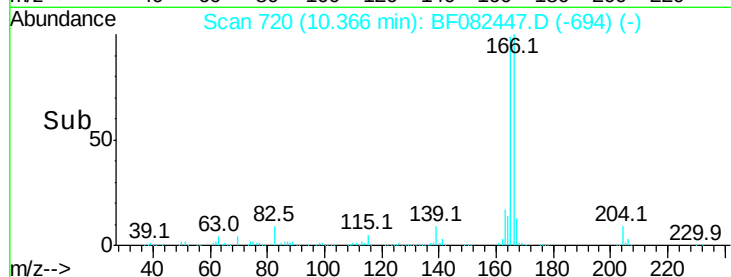
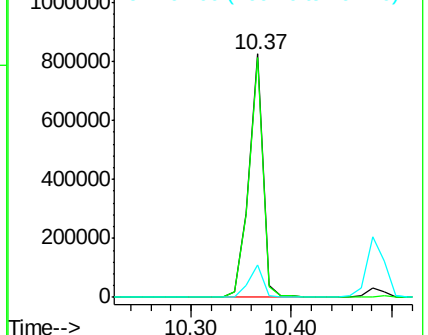
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.01 ng

RT: 10.15 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Tgt Ion:232 Resp: 208445

Ion Ratio Lower Upper

232 100

131 42.3 36.6 54.8

130 1.9 1.5 2.3

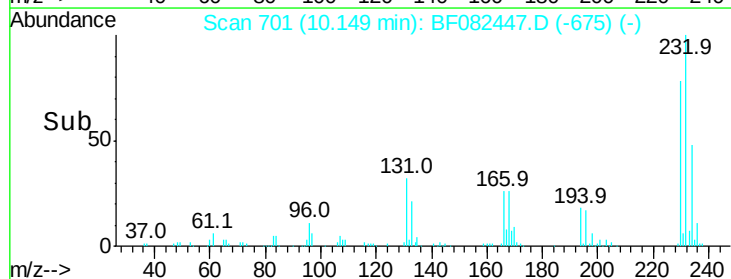
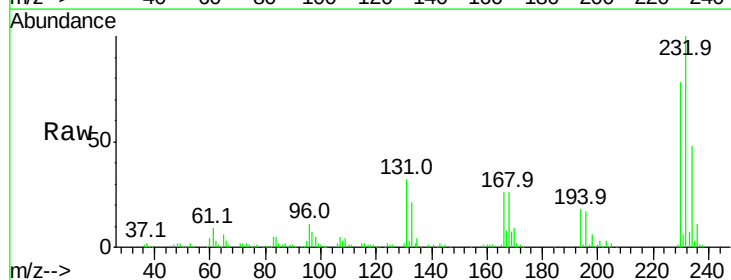
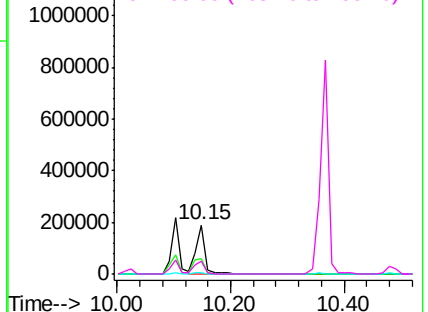
166 28.9 24.6 37.0

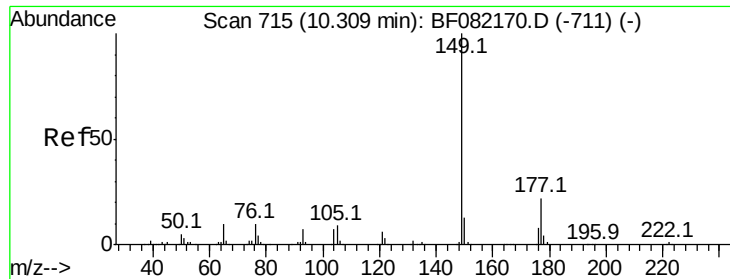
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





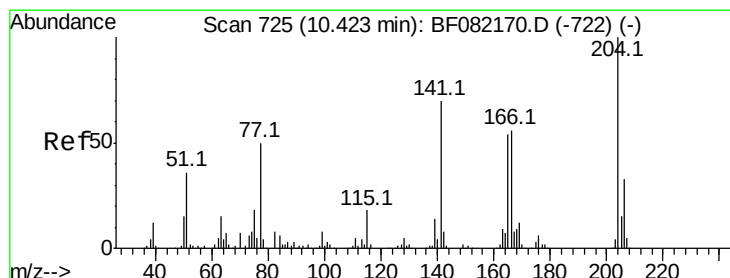
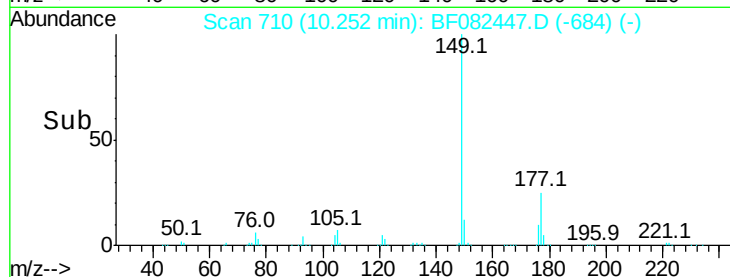
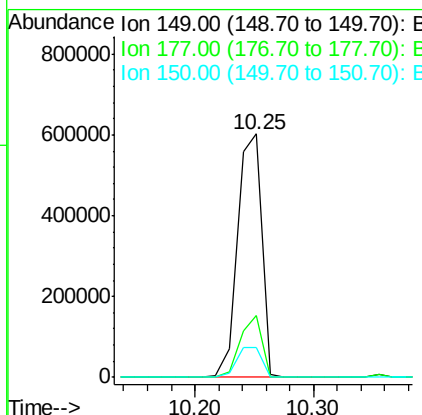
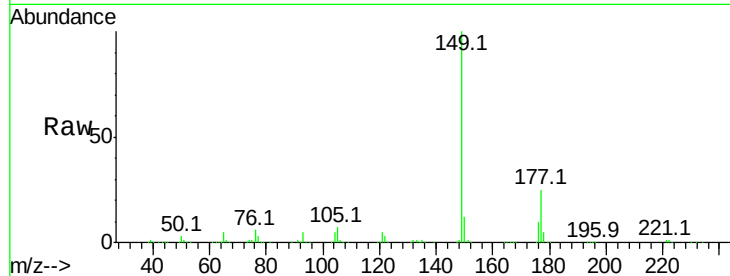
#59
Diethylphthalate
Concen: 39.37 ng
RT: 10.25 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	855654		
177	25.4		17.6	26.4
150	12.4		10.3	15.5

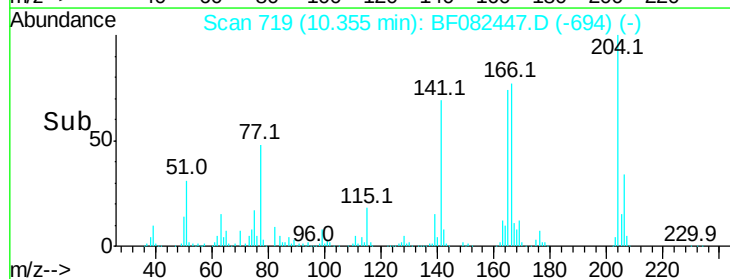
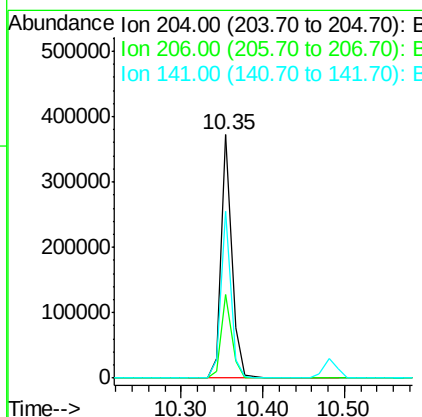
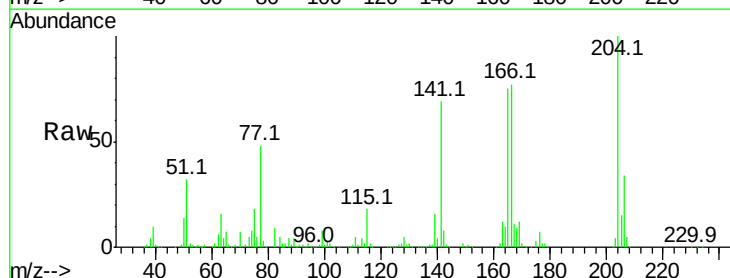
Manual Integrations
APPROVED

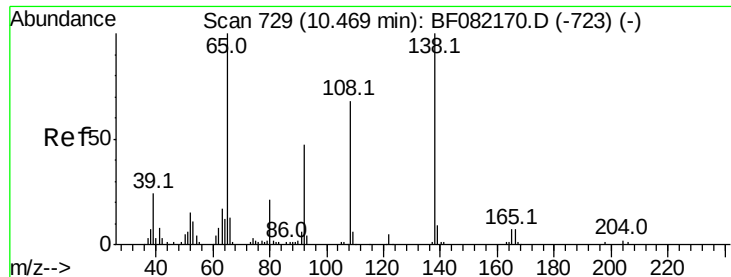
mmdadoda
10/23/2015 4:45:08 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.23 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	338182		
206	34.3		26.8	40.2
141	68.8		56.1	84.1





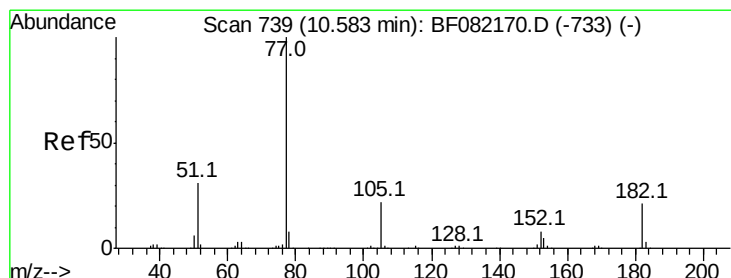
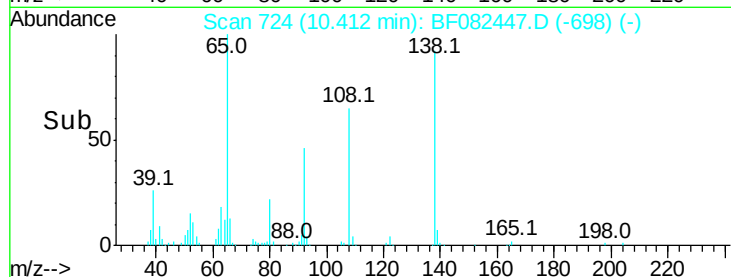
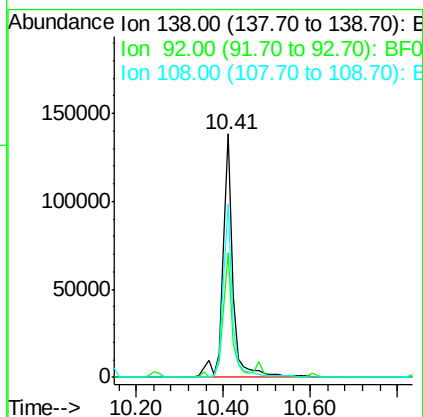
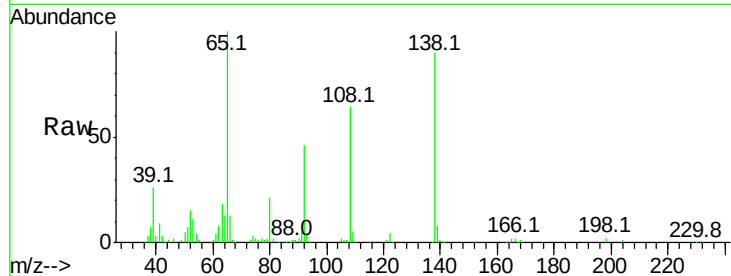
#61
4-Nitroaniline
Concen: 41.75 ng
RT: 10.41 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.0	26.8	66.8
108	71.4	48.4	88.4

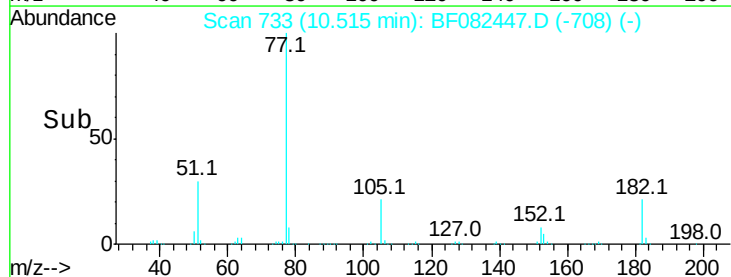
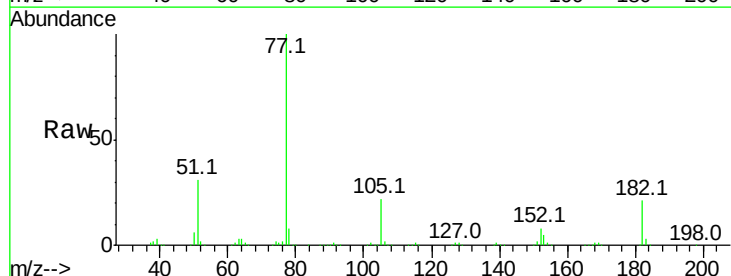
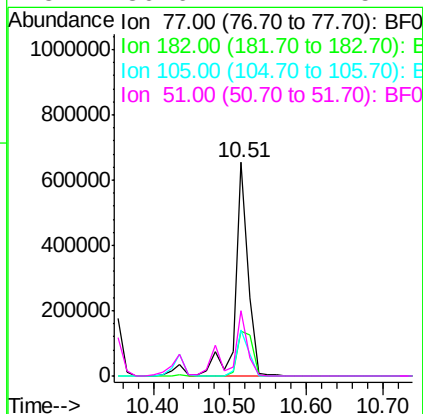
Manual Integrations
APPROVED

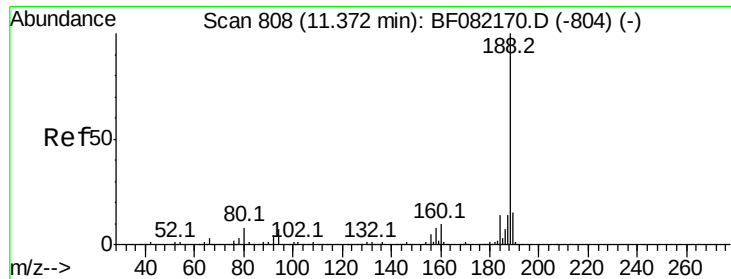
mmdadoda
10/23/2015 4:45:08 PM



#62
Azobenzene
Concen: 35.11 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.0	0.5	40.5
105	21.6	1.8	41.8
51	30.6	11.2	51.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

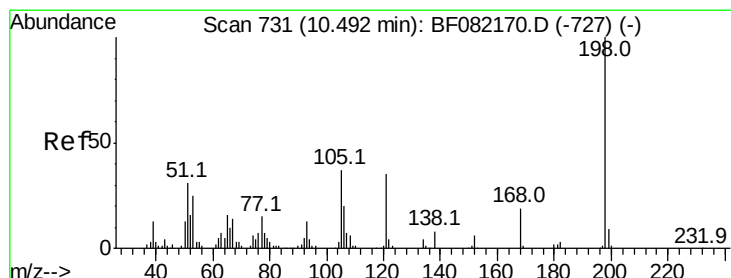
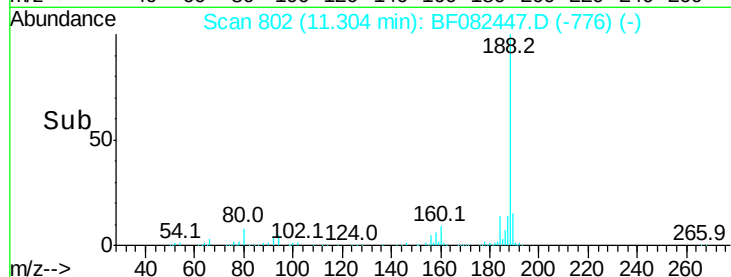
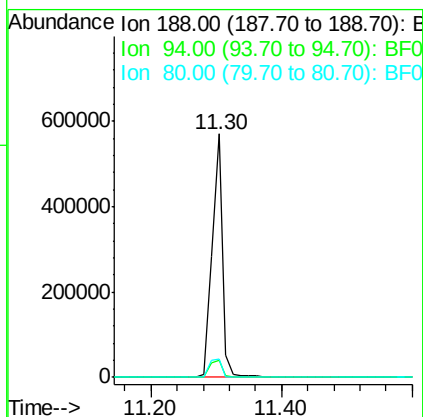
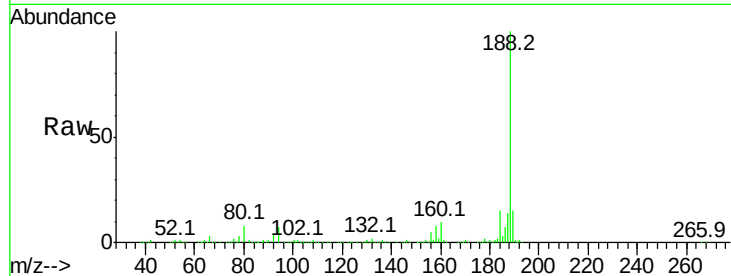
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	641944
Ion Ratio	Lower	Upper	
188	100		
94	7.2	5.8	8.6
80	7.7	6.4	9.6

Manual Integrations
APPROVED

mmdadoda
10/23/2015 4:45:08 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 42.76 ng

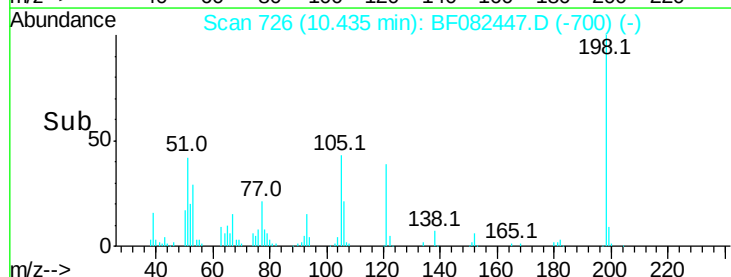
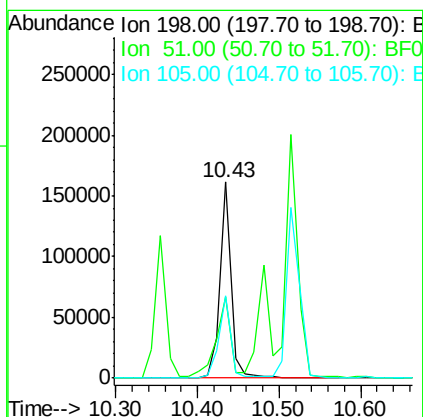
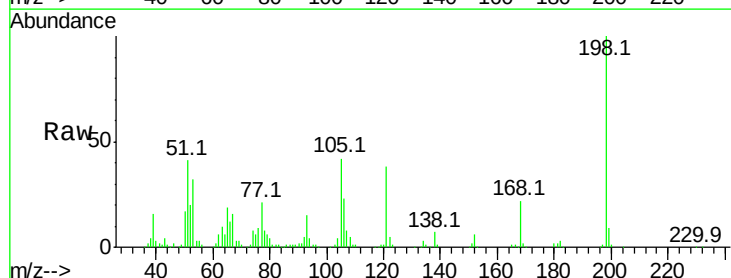
RT: 10.43 min Scan# 726

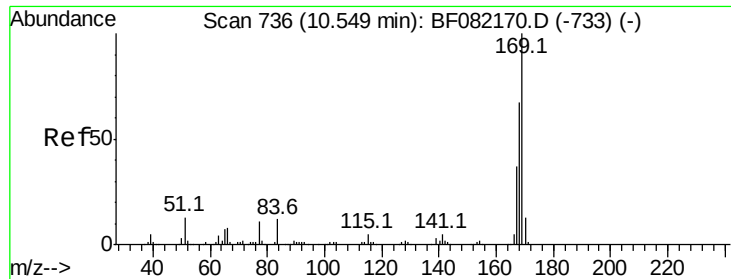
Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Tgt Ion:	198	Resp:	154041
Ion Ratio	Lower	Upper	
198	100		
51	41.2	13.6	53.6
105	41.9	17.1	57.1





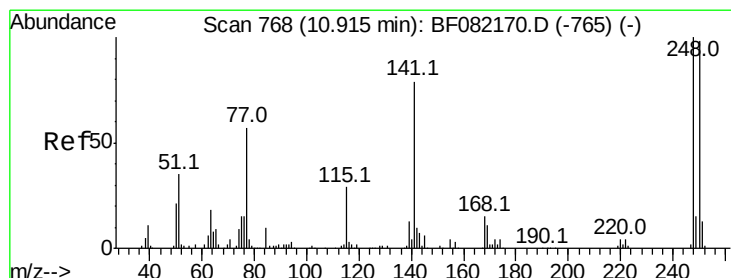
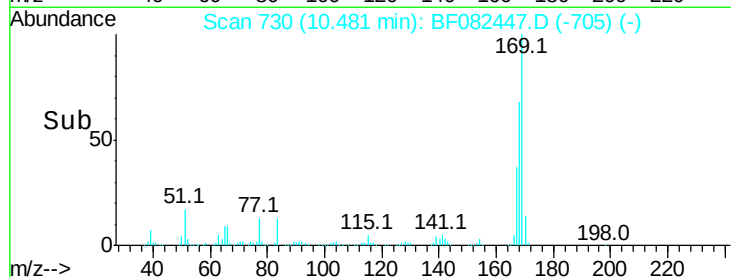
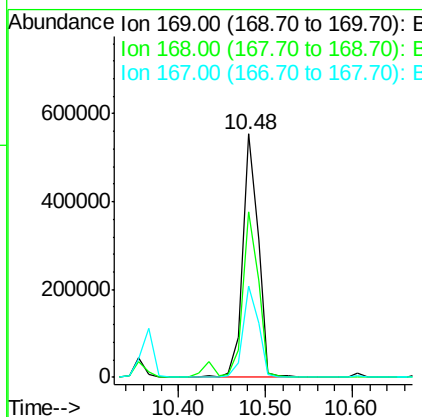
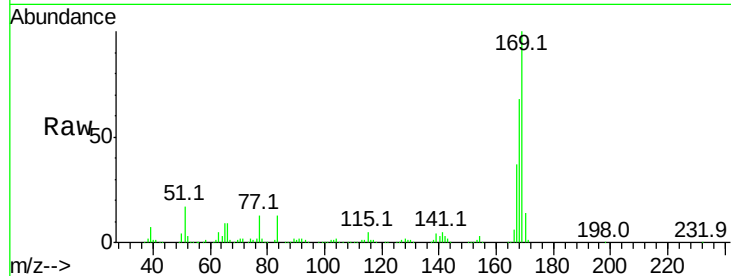
#65
n-Nitrosodiphenylamine
Concen: 35.68 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	685711		
168	68.0	54.0	81.0	
167	37.3	29.6	44.4	

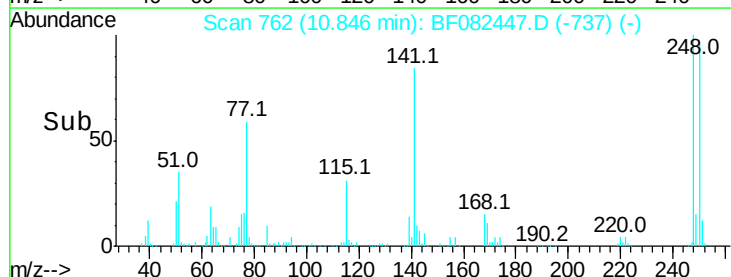
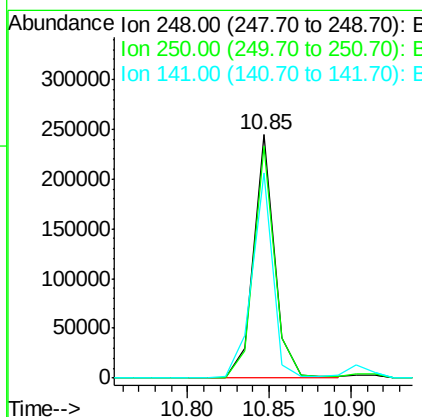
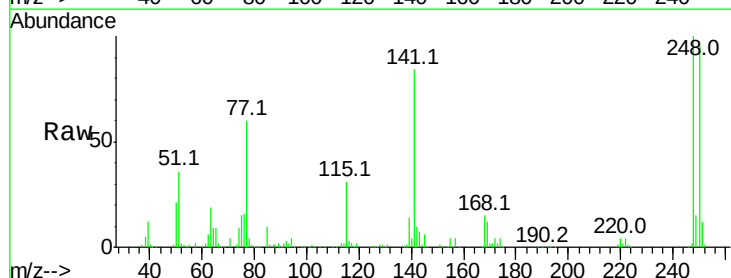
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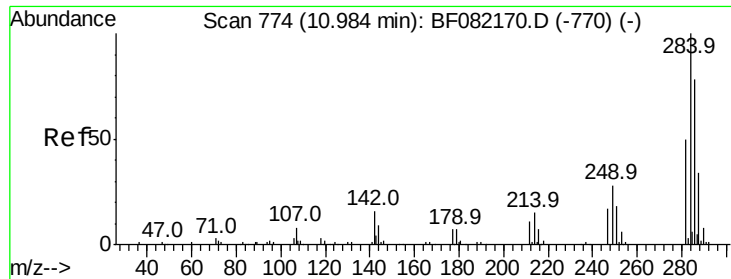
mmdadoda
10/23/2015 4:45:08 PM



#66
4-Bromophenyl-phenylether
Concen: 34.35 ng
RT: 10.85 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	220675		
250	95.6	78.6	117.8	
141	84.1	63.3	94.9	





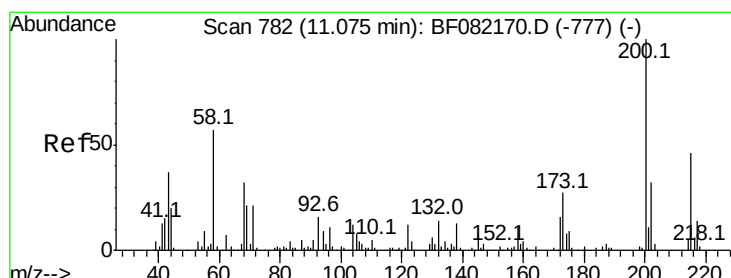
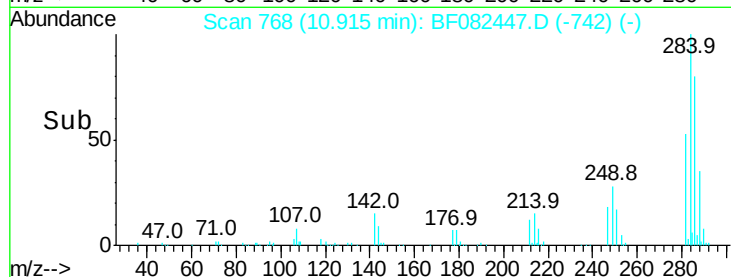
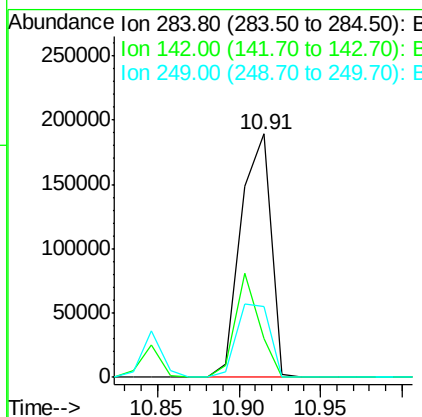
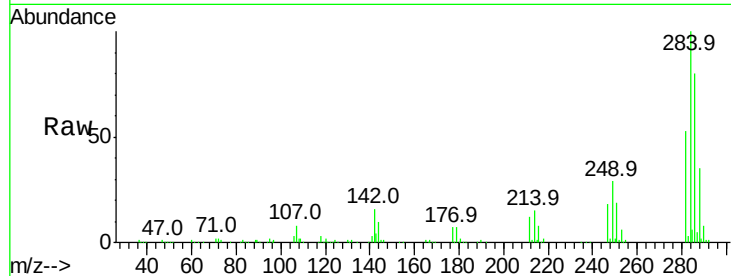
#67
Hexachlorobenzene
Concen: 34.60 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	240407		
142	15.9	13.0	19.6	
249	29.0	22.5	33.7	

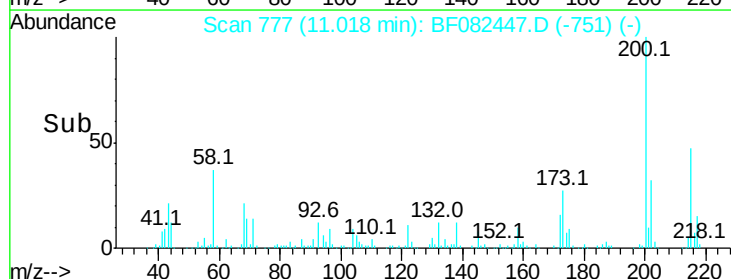
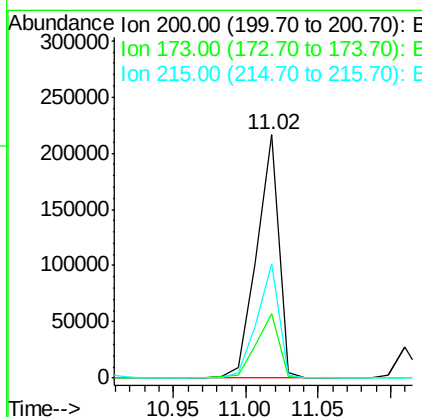
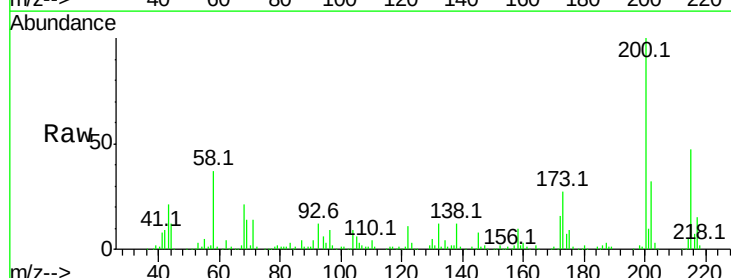
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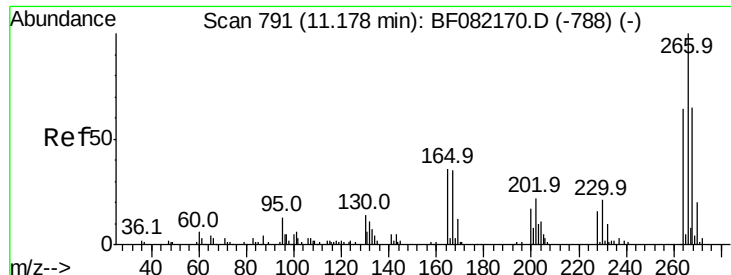
mmdadoda
10/23/2015 4:45:08 PM



#68
Atrazine
Concen: 37.78 ng
RT: 11.02 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	230043		
173	26.7	7.3	47.3	
215	47.0	26.2	66.2	





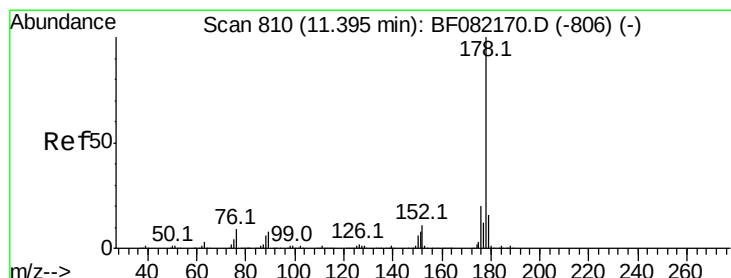
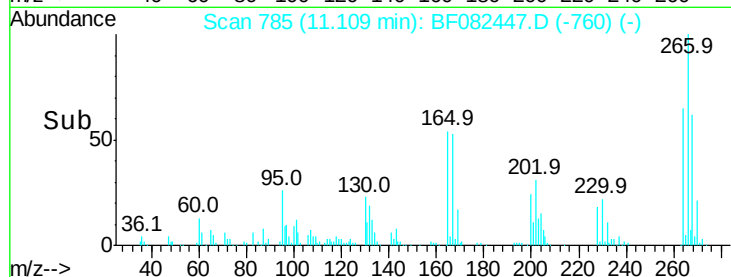
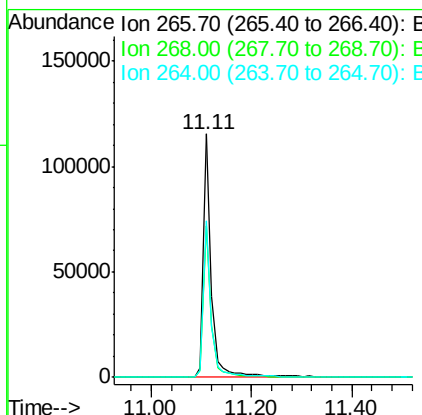
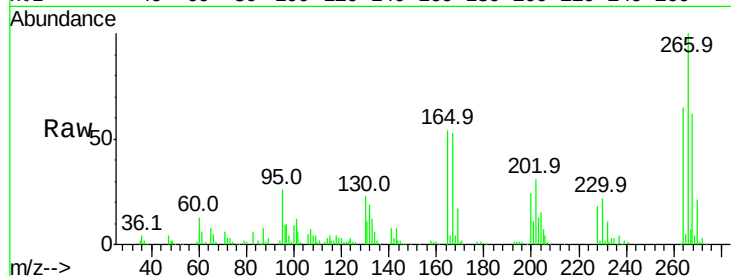
#69
 Pentachlorophenol
 Concen: 36.27 ng
 RT: 11.11 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	129691		
268	62.2	52.0	78.0	
264	64.6	51.4	77.0	

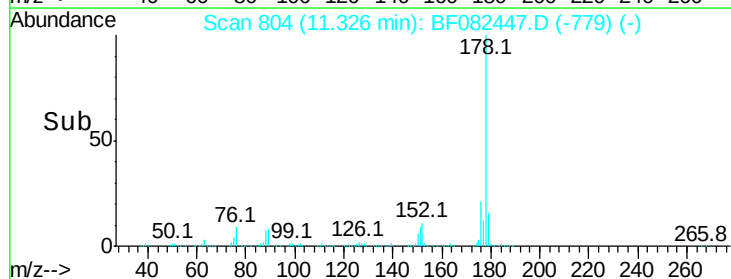
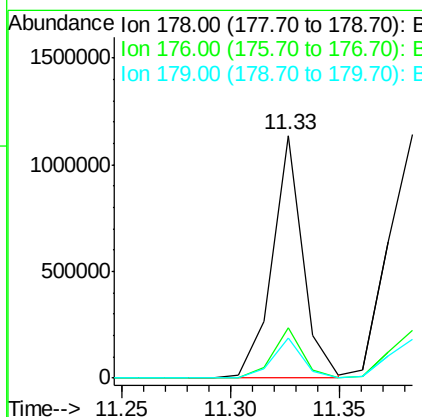
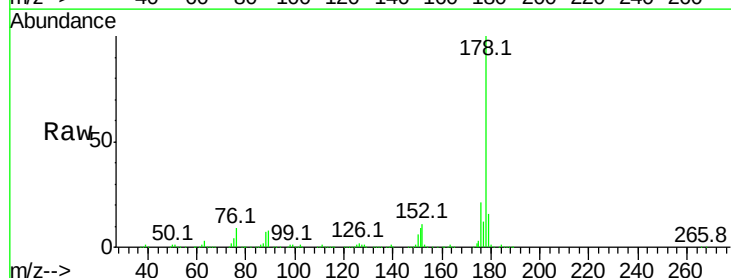
Manual Integrations
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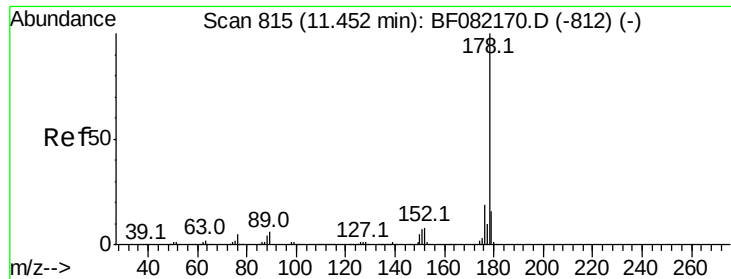
mmdadoda
 10/23/2015 4:45:08 PM



#70
 Phenanthrene
 Concen: 35.52 ng
 RT: 11.33 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1117716		
176	20.6	16.0	24.0	
179	16.3	12.6	19.0	





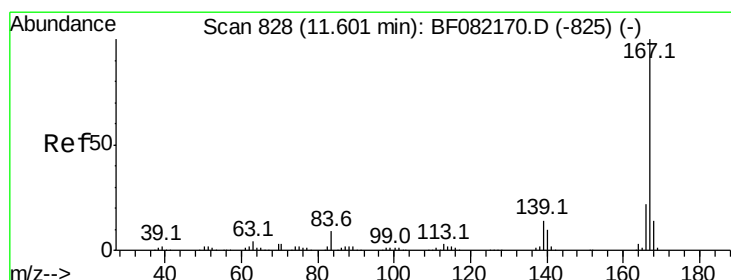
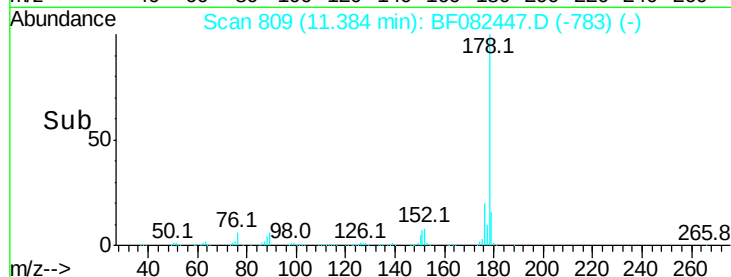
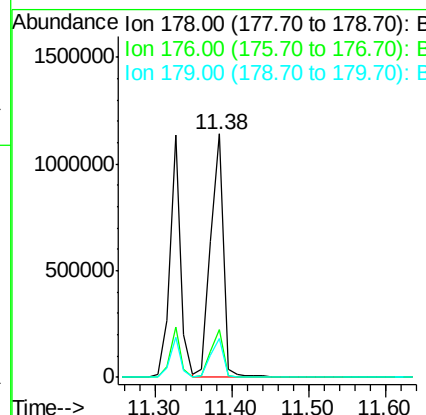
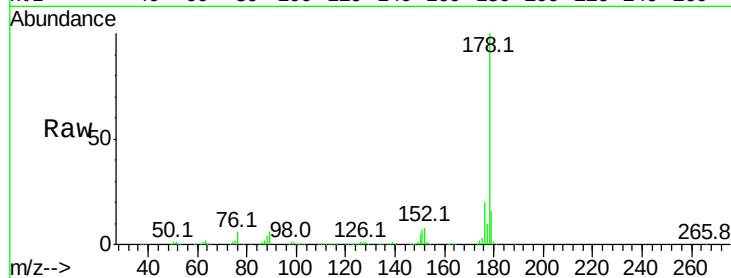
#71
 Anthracene
 Concen: 40.40 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1310021
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.0
 179 15.9 12.5 18.7

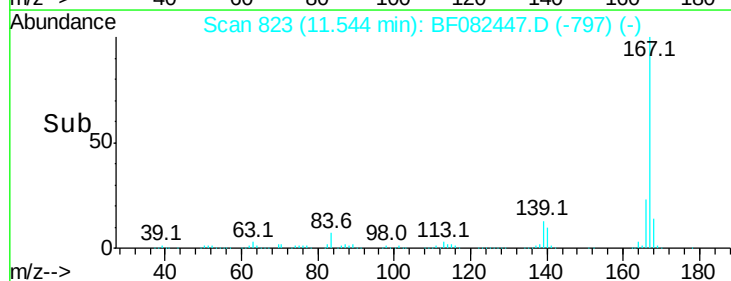
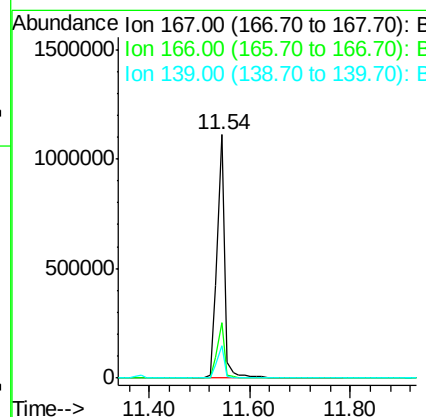
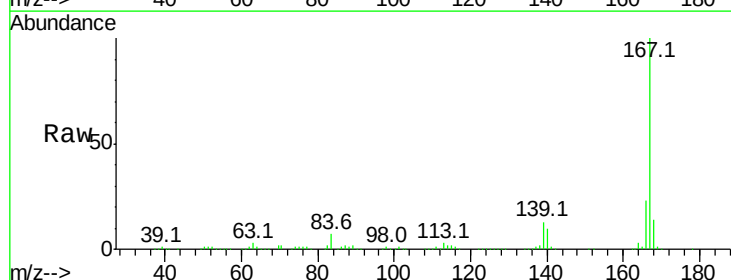
Manual Integrations
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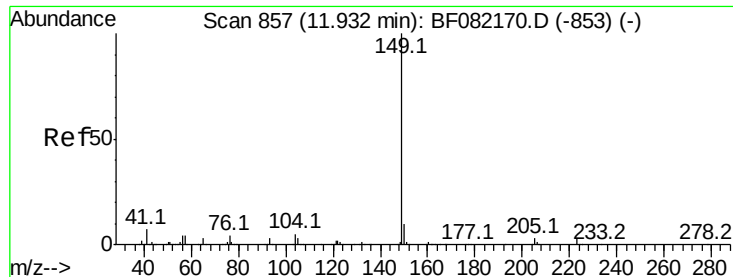
mmdadoda
 10/23/2015 4:45:08 PM



#72
 Carbazole
 Concen: 39.97 ng
 RT: 11.54 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion:167 Resp: 1182385
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.3 25.9
 139 13.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 34.49 ng

RT: 11.86 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1258437

Ion Ratio Lower Upper

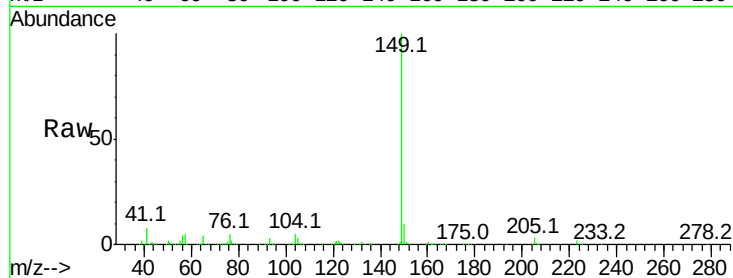
149 100

150 10.0 7.8 11.6

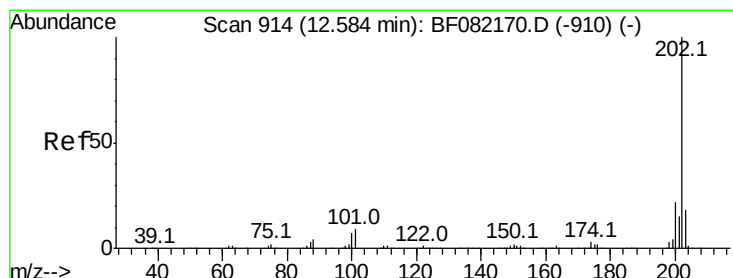
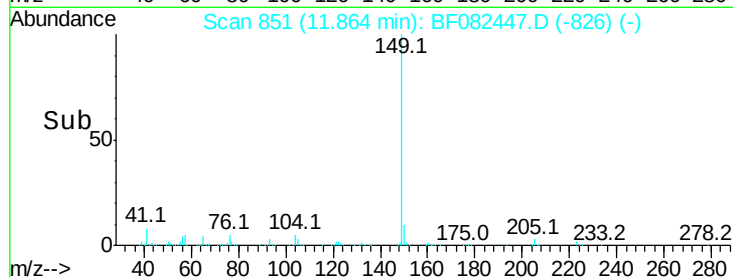
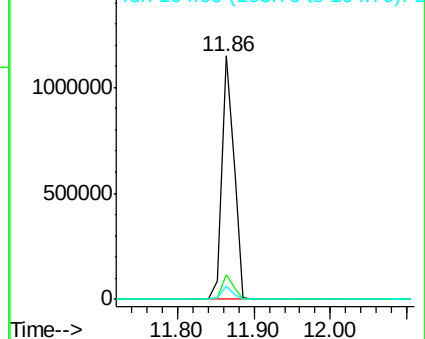
104 5.2 3.8 5.8

Manual Integrations
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mmdadoda
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.62 ng

RT: 12.52 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

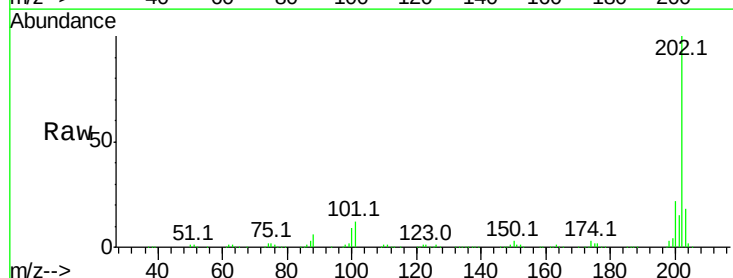
Tgt Ion:202 Resp: 1203651

Ion Ratio Lower Upper

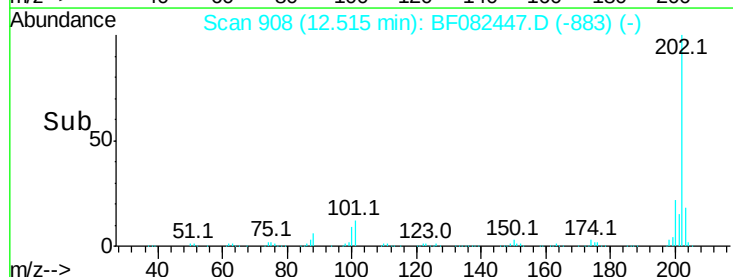
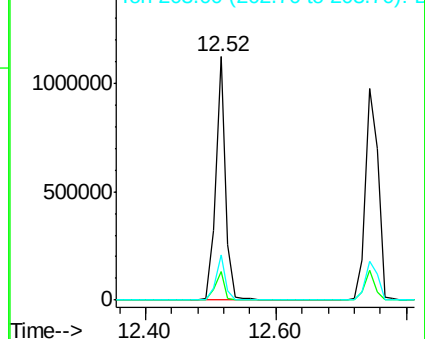
202 100

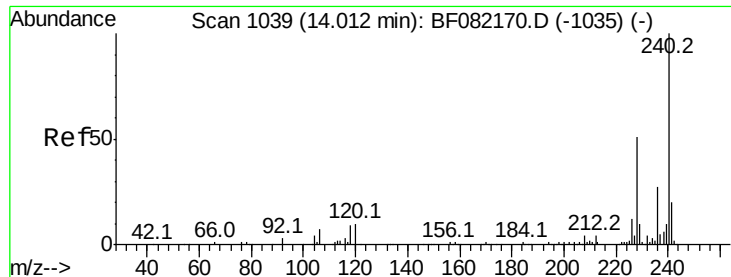
101 11.6 0.0 29.3

203 18.5 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

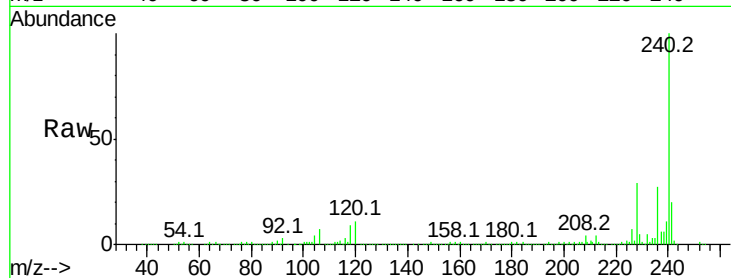
ClientSampleId :

SSTDCCC040

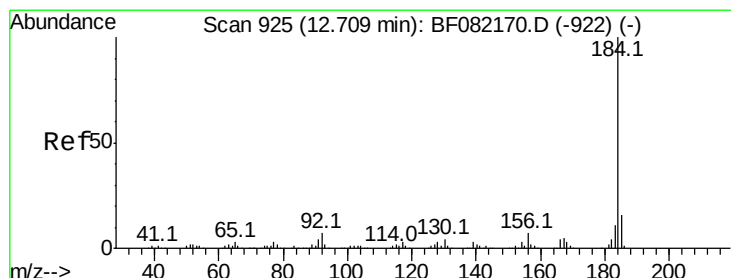
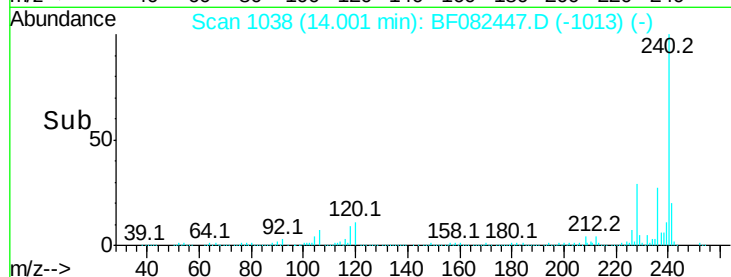
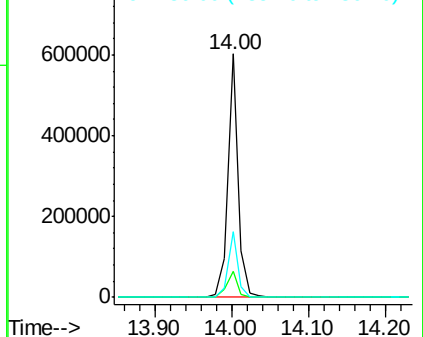
Tot Ion:	240	Resp:	577784
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.1	12.1
236	26.8	21.3	31.9

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.92 ng

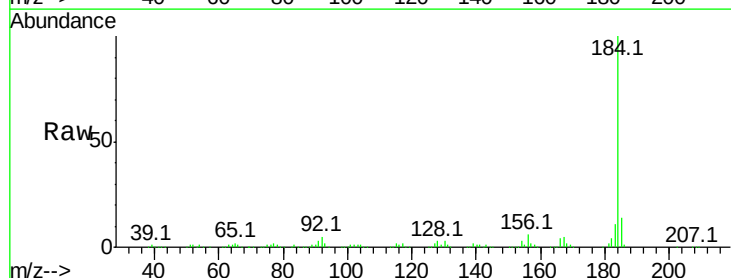
RT: 12.65 min Scan# 920

Delta R.T. -0.00 min

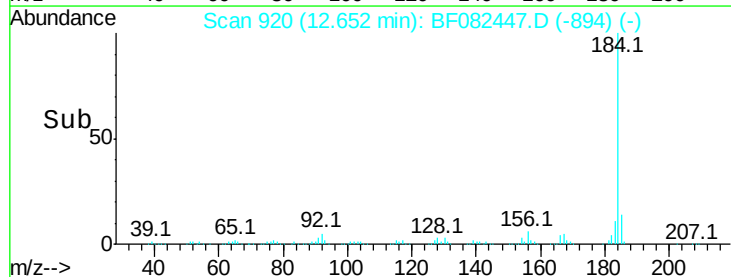
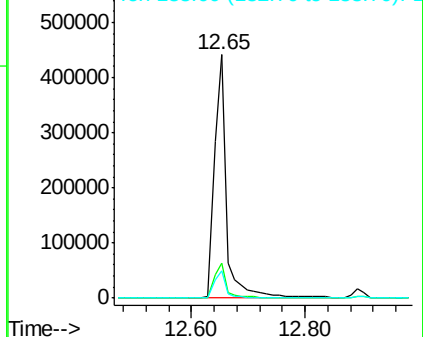
Lab File: BF082447.D

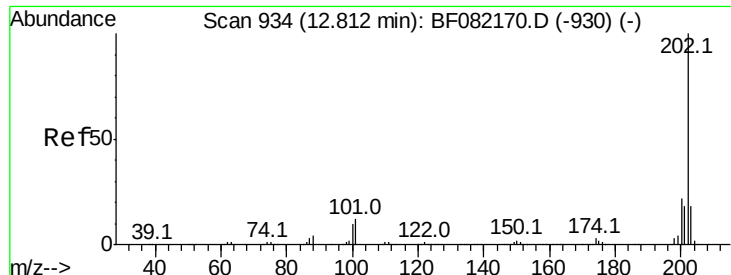
Acq: 22 Oct 2015 15:58

Tgt Ion:	184	Resp:	634928
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.5	18.7
183	11.4	9.1	13.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.83 ng

RT: 12.74 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1297095

Ion Ratio Lower Upper

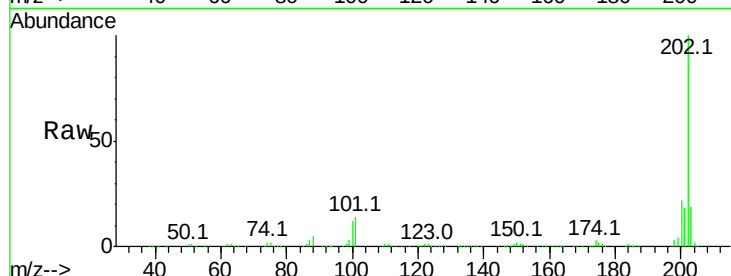
202 100

200 22.3 17.9 26.9

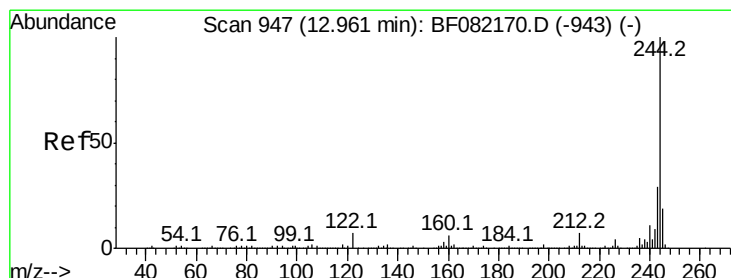
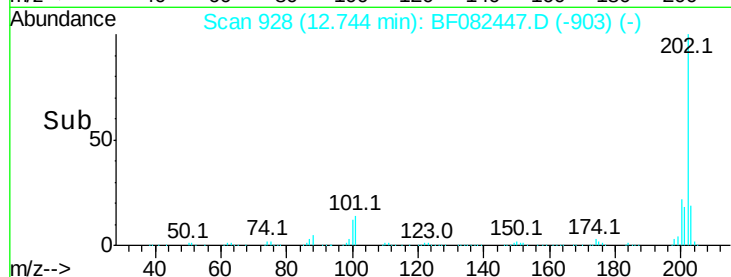
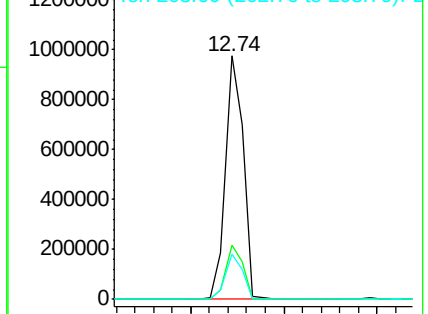
203 18.5 14.5 21.7

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



#78

Terphenyl-d14

Concen: 70.02 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

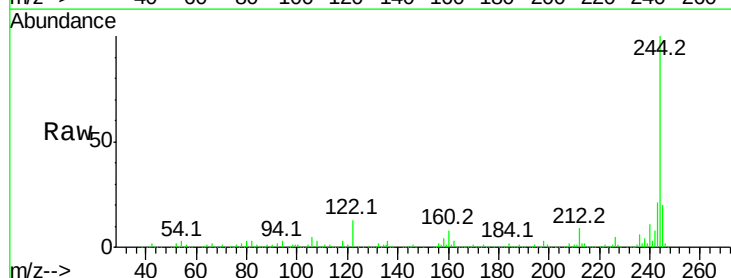
Tgt Ion:244 Resp: 1526617

Ion Ratio Lower Upper

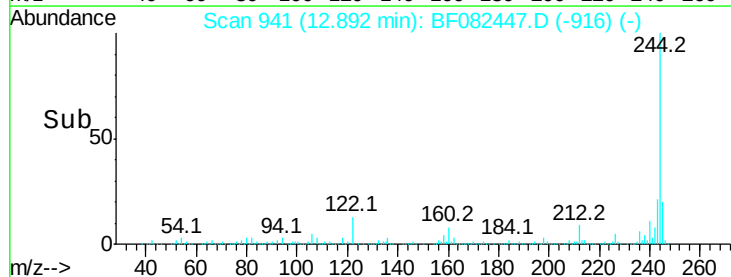
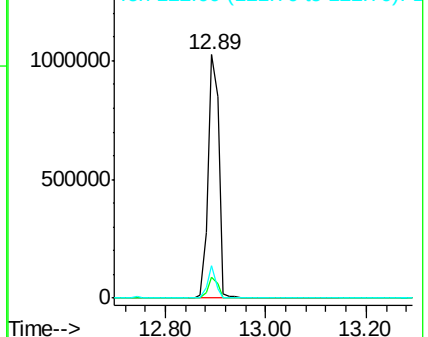
244 100

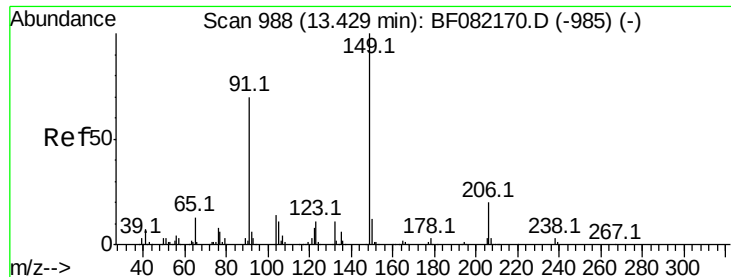
212 8.5 5.8 8.6

122 13.1 5.9 8.9#



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





#79

Butylbenzylphthalate

Concen: 37.96 ng

RT: 13.38 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

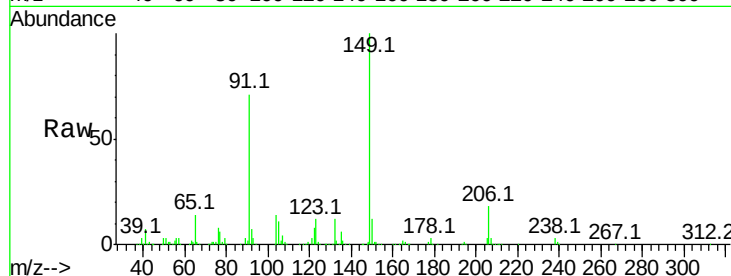
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	593990
Ion Ratio	Lower	Upper	
149	100		
91	71.5	55.7	83.5
206	18.5	15.6	23.4

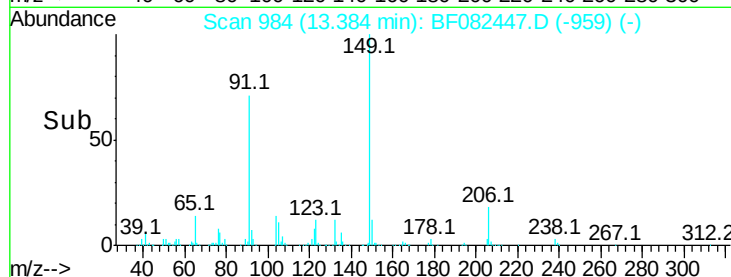
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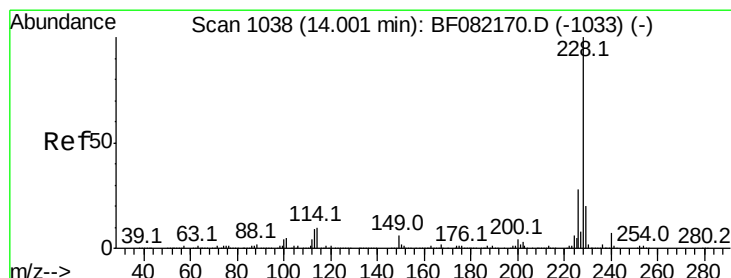


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

13.38



Time-->



#80

Benzo(a)anthracene

Concen: 38.05 ng

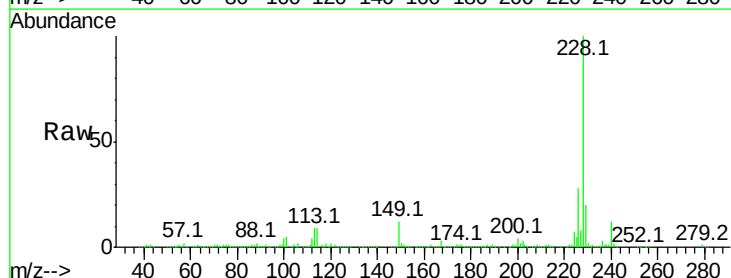
RT: 13.99 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF082447.D

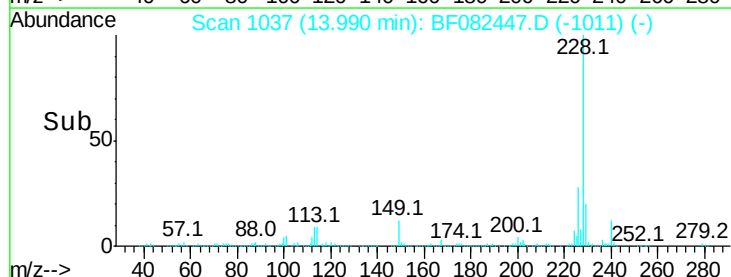
Acq: 22 Oct 2015 15:58

Tgt Ion:	228	Resp:	1143895
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.3	33.5
229	20.3	16.2	24.2

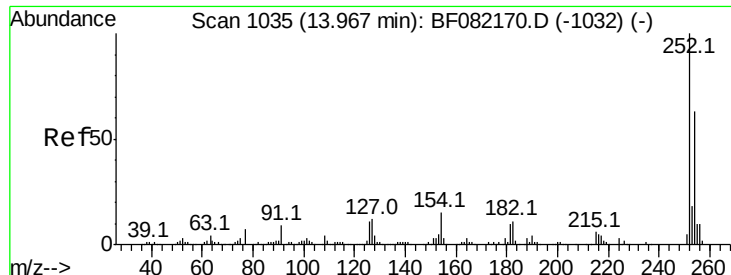


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

13.99



Time-->



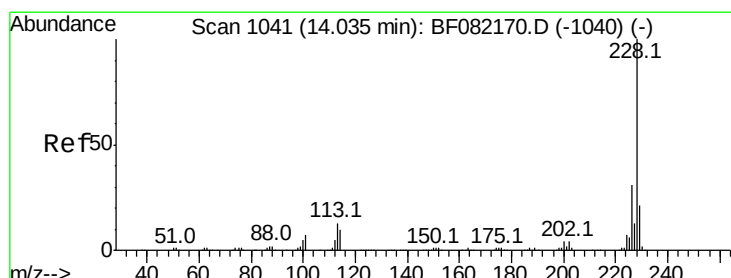
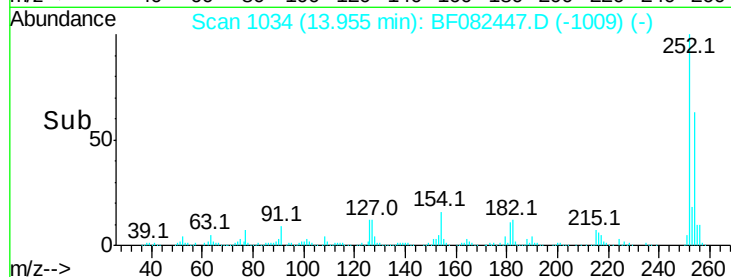
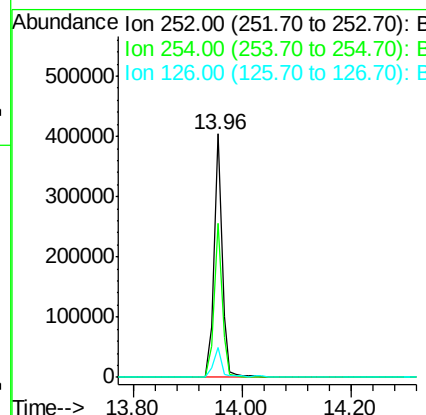
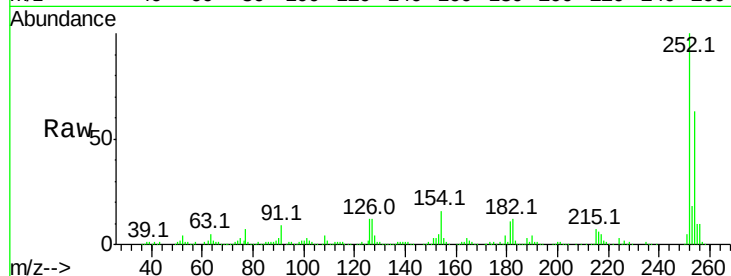
#81
 3,3'-Dichlorobenzidine
 Concen: 37.11 ng
 RT: 13.96 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	423471		
254	63.4	50.7	76.1	
126	12.3	9.0	13.6	

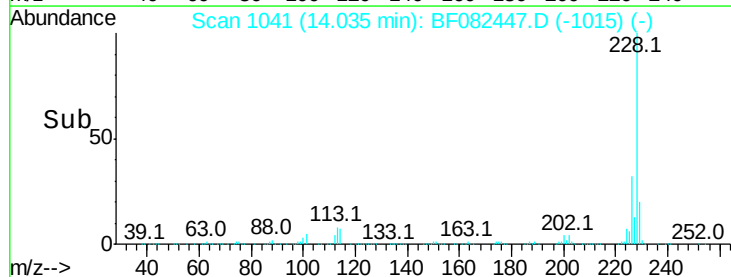
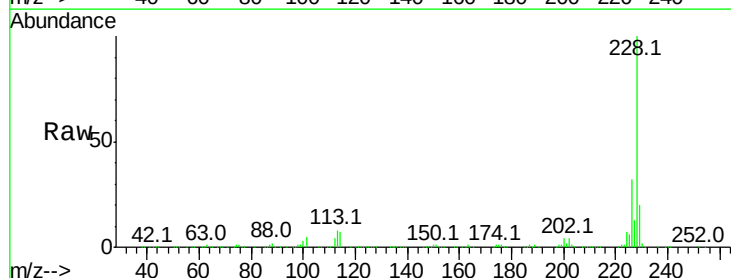
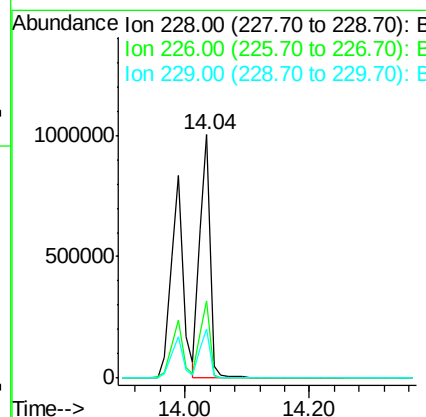
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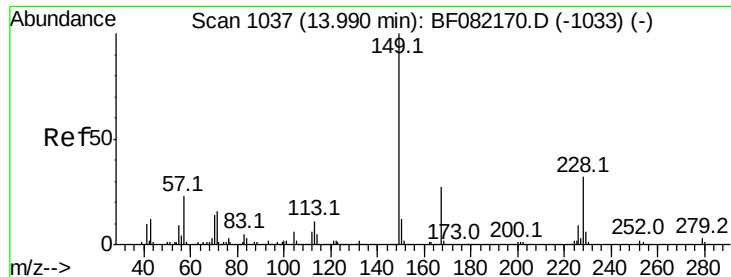
mmdadoda
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#82
 Chrysene
 Concen: 37.11 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1175641		
226	31.5	24.4	36.6	
229	20.3	16.3	24.5	





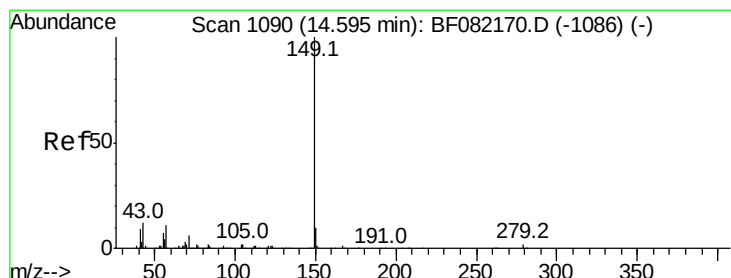
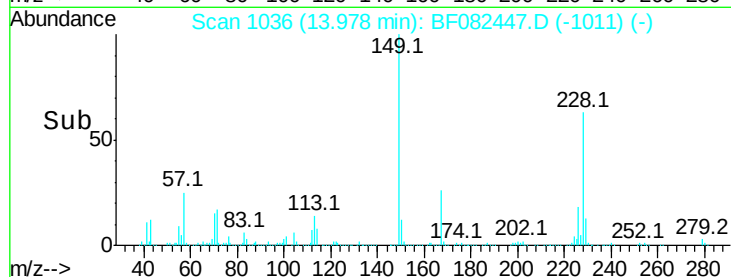
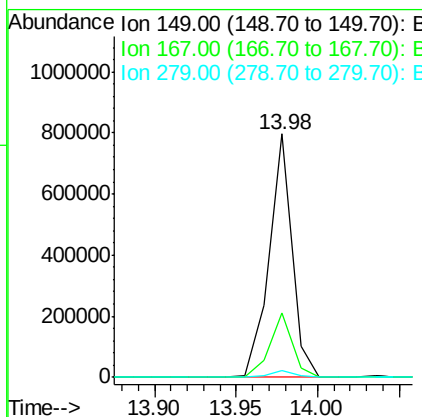
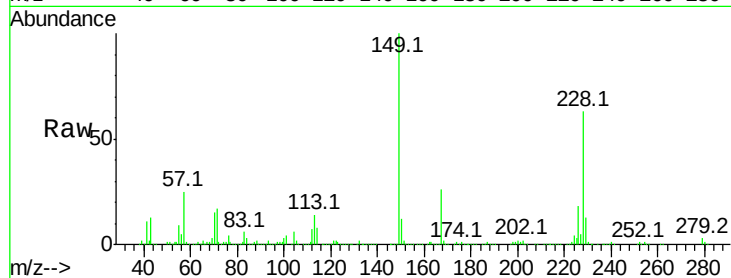
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.19 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.2	21.3	31.9
279	2.9	2.6	4.0

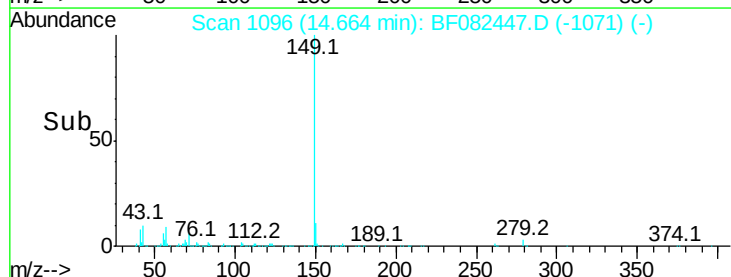
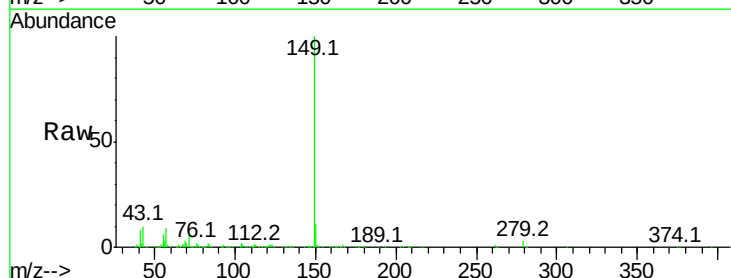
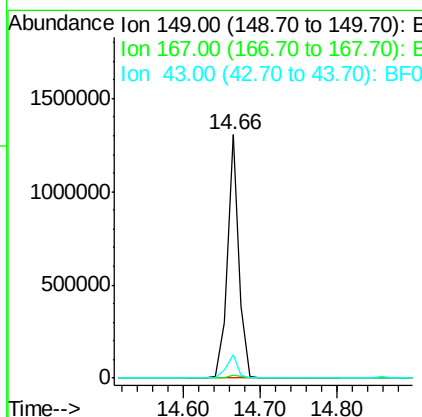
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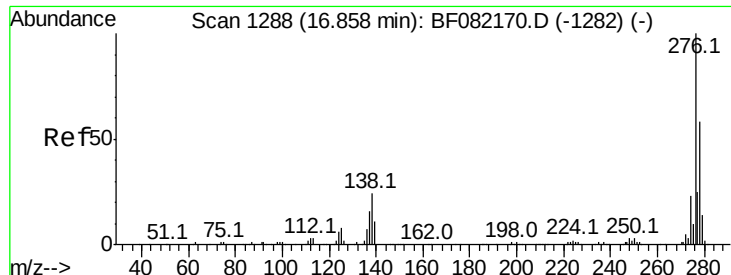
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#84
 Di-n-octyl phthalate
 Concen: 36.10 ng
 RT: 14.66 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.4	7.4	11.2





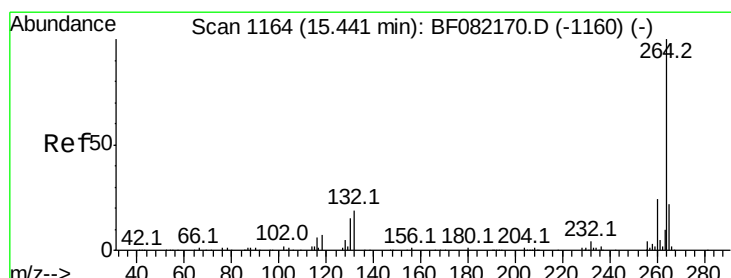
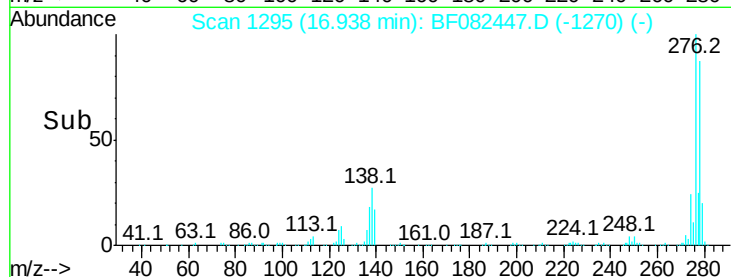
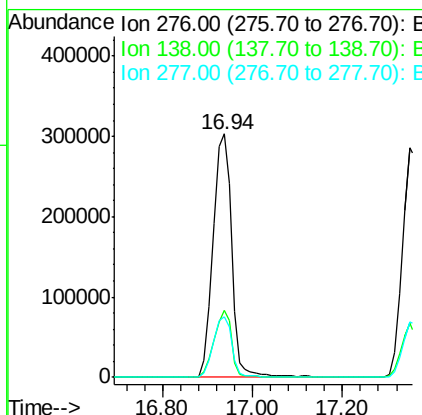
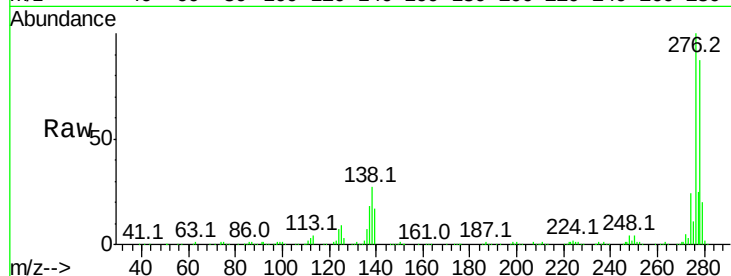
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.91 ng
 RT: 16.94 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	19.7	29.5
277	24.9	20.1	30.1

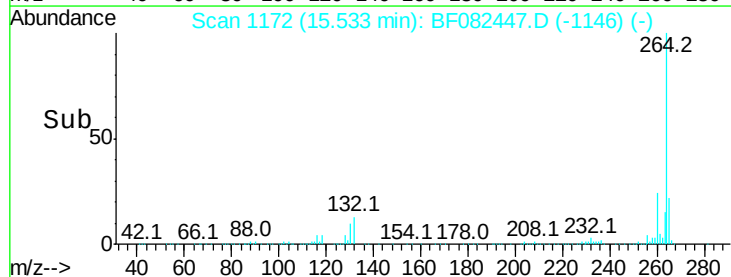
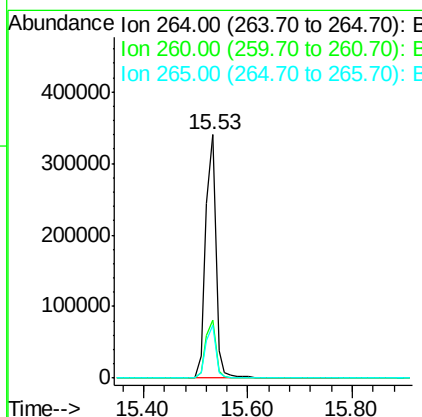
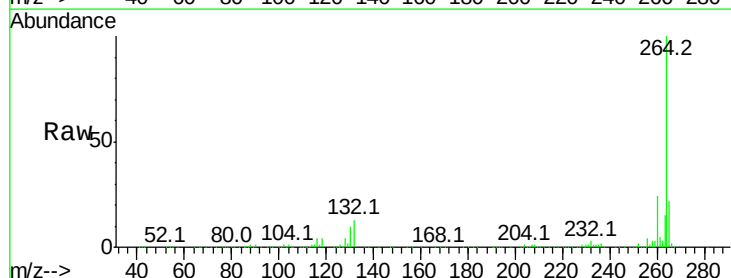
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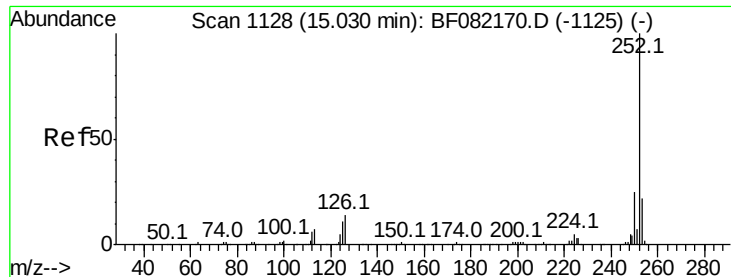
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 36.44 ng

RT: 15.12 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Instrument :

BNA_F

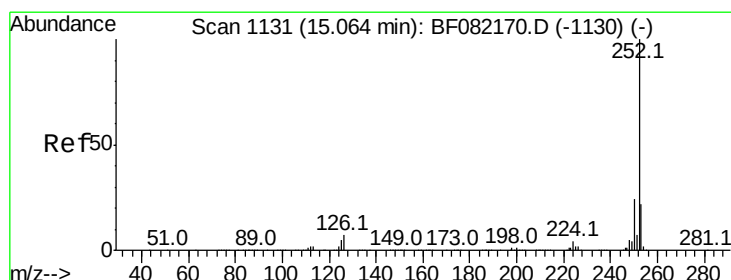
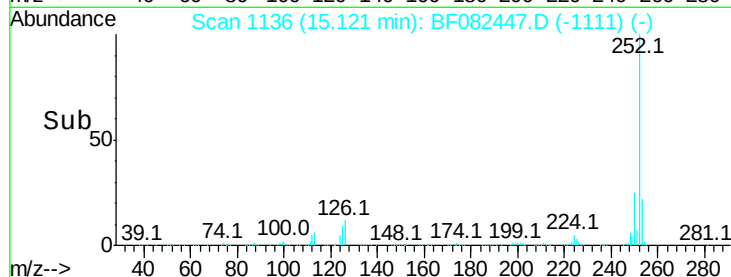
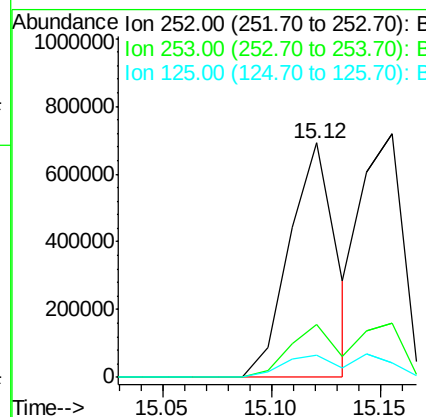
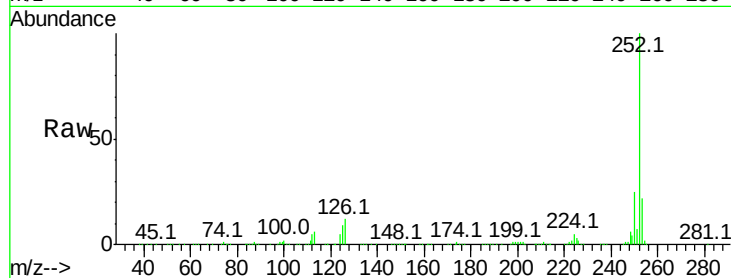
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	1036663
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	9.3	8.6	12.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 41.27 ng m

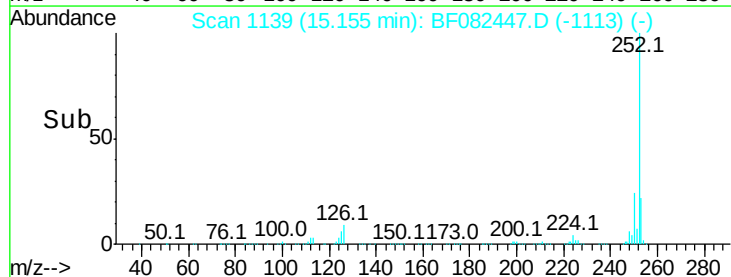
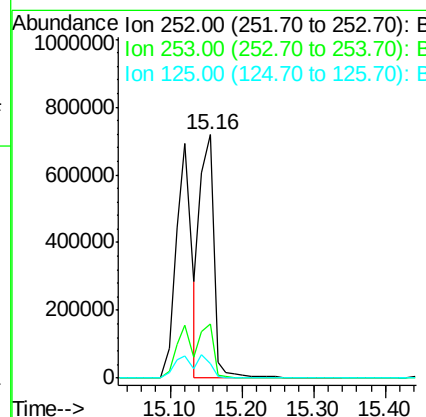
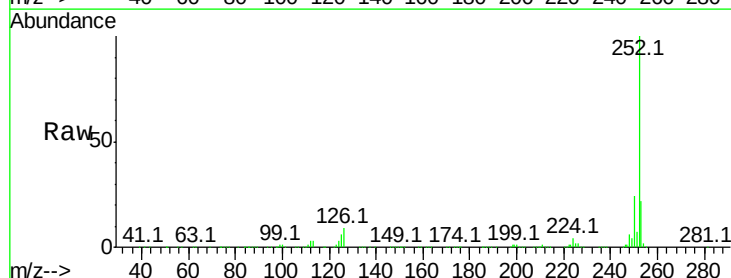
RT: 15.16 min Scan# 1139

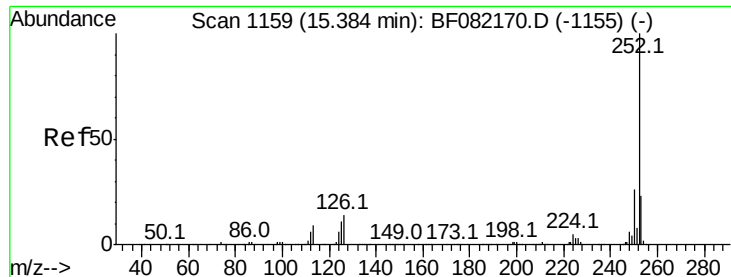
Delta R.T. -0.00 min

Lab File: BF082447.D

Acq: 22 Oct 2015 15:58

Tgt Ion:	252	Resp:	986821
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	5.9	6.7	10.1#





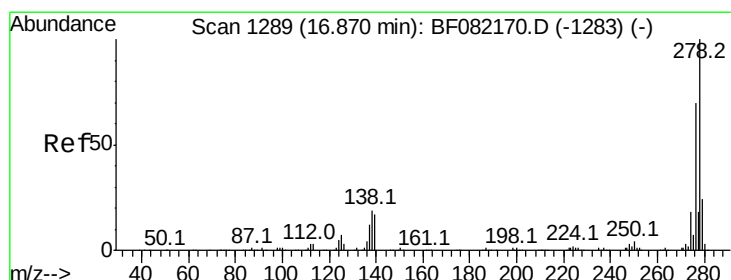
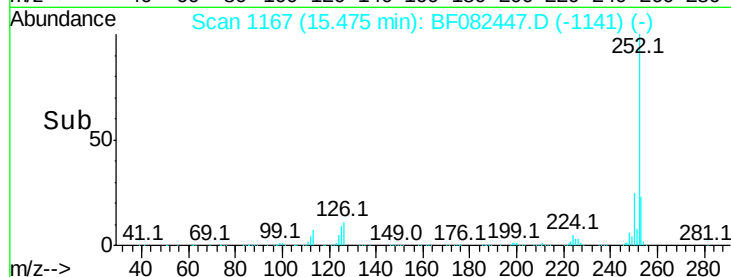
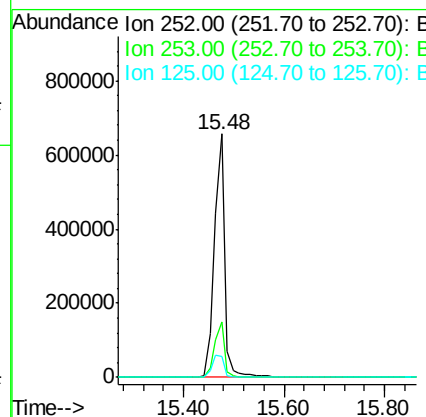
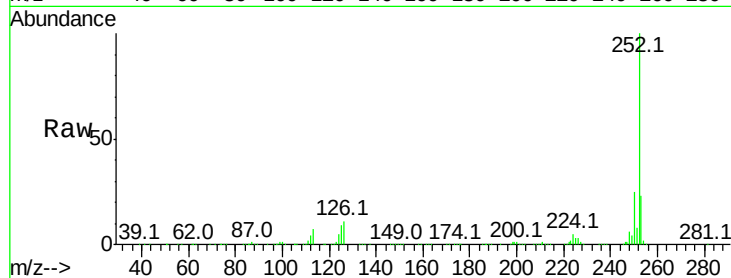
#89
Benzo(a)pyrene
Concen: 37.80 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	8.6	8.9	13.3

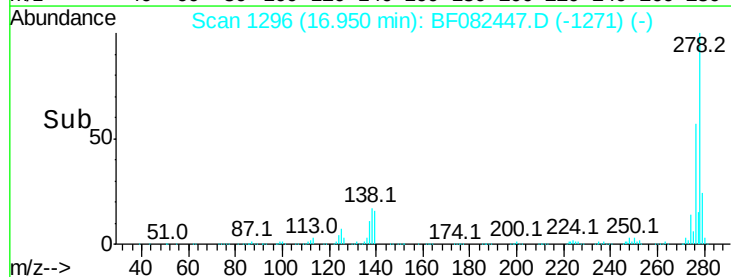
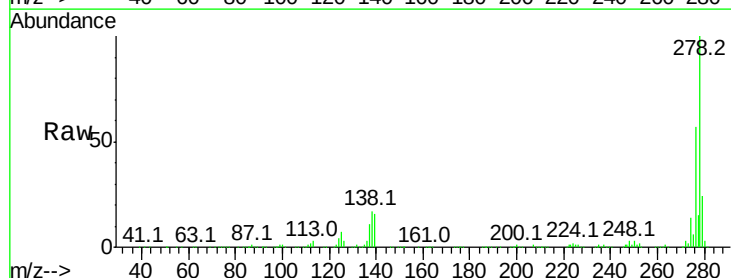
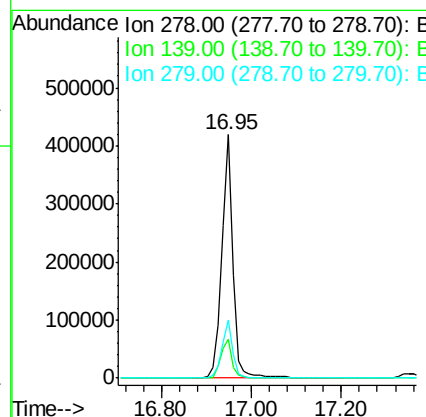
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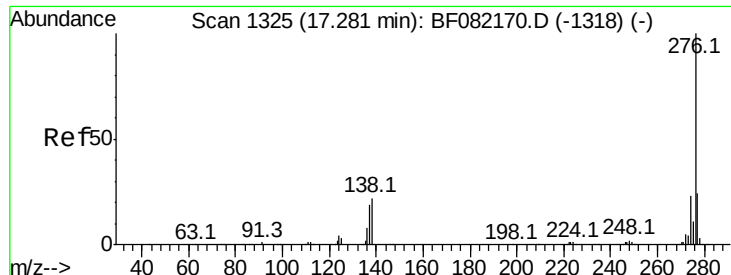
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#90
Dibenzo(a,h)anthracene
Concen: 36.33 ng
RT: 16.95 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF082447.D
Acq: 22 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.3	19.9
279	23.8	18.9	28.3





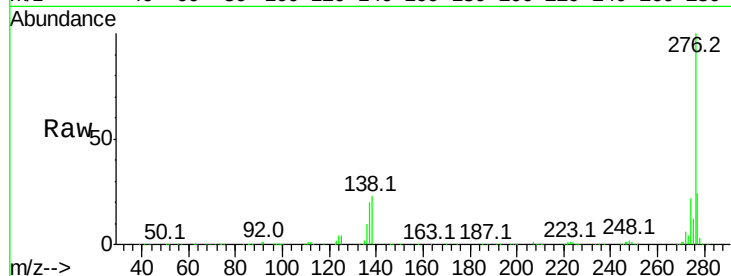
#91
 Benzo(a,h,i)perylene
 Concen: 36.42 ng
 RT: 17.35 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF082447.D
 Acq: 22 Oct 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	708846
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.8	28.2
138	23.4	17.4	26.2

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

