

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082468.D
 Acq On : 23 Oct 2015 2:17
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mmdadoda
 10/23/2015 4:45:39 PM

Quant Time: Oct 23 04:17:48 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	172264	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	609328	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	282300	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	457145	20.00	ng	0.00
75) Chrysene-d12	13.96	240	390983	20.00	ng	-0.06
86) Perylene-d12	15.42	264	309040	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	662414	77.61	ng	0.00
7) Phenol-d6	6.43	99	826976	74.45	ng	0.01
23) Nitrobenzene-d5	7.35	82	733021	80.79	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	149760	56.57	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1374879	80.77	ng	0.00
78) Terphenyl-d14	12.89	244	1012578	68.63	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	157430	36.71	ng	99
3) Pyridine	2.97	79	424358	42.55	ng	99
4) n-Nitrosodimethylamine	2.96	42	178204	42.13	ng	94
6) Aniline	6.43	93	519727	36.29	ng	# 77
8) 2-Chlorophenol	6.56	128	401144	38.50	ng	91
9) Benzaldehyde	6.32	77	245859	43.34	ng	94
10) Phenol	6.45	94	505204	39.45	ng	96
11) bis(2-Chloroethyl)ether	6.51	93	371158	34.27	ng	98
12) 1,3-Dichlorobenzene	6.71	146	474939	39.14	ng	96
13) 1,4-Dichlorobenzene	6.79	146	482515	38.08	ng	97
14) 1,2-Dichlorobenzene	6.94	146	394136	32.75	ng	98
15) Benzyl Alcohol	6.93	79	282870	36.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	461857	30.63	ng	# 21
17) 2-Methylphenol	7.05	107	317961	38.59	ng	# 91
18) Hexachloroethane	7.27	117	93364	21.52	ng	# 89
19) n-Nitroso-di-n-propylamine	7.20	70	256695	32.91	ng	# 92
20) 3+4-Methylphenols	7.21	107	398767	40.61	ng	# 56
22) Acetophenone	7.19	105	523966	43.47	ng	# 88
24) Nitrobenzene	7.37	77	417912	42.55	ng	# 82
25) Isophorone	7.61	82	742914	40.57	ng	94
26) 2-Nitrophenol	7.68	139	180261	36.76	ng	97
27) 2,4-Dimethylphenol	7.73	122	306286	38.77	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	442918	41.57	ng	99
29) 2,4-Dichlorophenol	7.93	162	334205	42.31	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	359617	39.50	ng	99
31) Naphthalene	8.08	128	953607	36.10	ng	99
32) Benzoic acid	7.89	122	157901	29.78	ng	98
33) 4-Chloroaniline	8.14	127	409746	37.35	ng	95
34) Hexachlorobutadiene	8.19	225	219736	38.74	ng	98
35) Caprolactam	8.55	113	95946	41.86	ng	92
36) 4-Chloro-3-methylphenol	8.64	107	332014	42.99	ng	95
37) 2-Methylnaphthalene	8.78	142	721835	39.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	317563	37.82	ng	99
40) Hexachlorocyclopentadiene	8.91	237	3371	9.02	ng	91

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 ClientSampleId :
 SSTDC0040EC

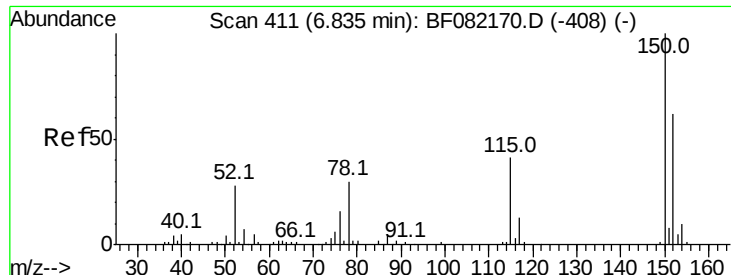
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	228218	40.92	nq	99
43) 2,4,5-Trichlorophenol	9.11	196	228862	37.88	nq	# 95
45) 1,1'-Biphenyl	9.25	154	877074	40.74	nq	96
46) 2-Chloronaphthalene	9.27	162	683870	40.36	nq	96
47) 2-Nitroaniline	9.37	65	201702	43.35	nq	90
48) Acenaphthylene	9.68	152	986563	37.37	nq	100
49) Dimethylphthalate	9.55	163	827627	41.63	nq	98
50) 2,6-Dinitrotoluene	9.61	165	135493	32.30	nq	# 67
51) Acenaphthene	9.85	154	552659	34.87	nq	99
52) 3-Nitroaniline	9.79	138	214486	45.27	nq	86
53) 2,4-Dinitrophenol	9.90	184	7706	9.42	nq	# 71
54) Dibenzofuran	10.02	168	790781	36.34	nq	100
55) 4-Nitrophenol	9.97	139	93614	36.35	nq	89
56) 2,4-Dinitrotoluene	10.02	165	168229	32.09	nq	92
57) Fluorene	10.37	166	630233	35.27	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	168873	34.21	nq	97
59) Diethylphthalate	10.24	149	739512	39.91	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	286234	34.97	nq	99
61) 4-Nitroaniline	10.41	138	208432	45.35	nq	92
62) Azobenzene	10.51	77	603821	33.30	nq	100
64) 4,6-Dinitro-2-methylphenol	10.43	198	14726	5.74	nq	98
65) n-Nitrosodiphenylamine	10.48	169	538772	39.36	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	171225	37.43	nq	93
67) Hexachlorobenzene	10.91	284	187751	37.95	nq	# 87
68) Atrazine	11.02	200	112558	25.96	nq	93
69) Pentachlorophenol	11.11	266	91918	36.10	nq	98
70) Phenanthrene	11.33	178	818360	36.52	nq	100
71) Anthracene	11.38	178	939628	40.69	nq	99
72) Carbazole	11.54	167	822859	39.06	nq	98
73) Di-n-butylphthalate	11.86	149	993734	38.24	nq	100
74) Fluoranthene	12.52	202	849319	35.29	nq	97
76) Benzdine	12.65	184	523697	46.22	nq	99
77) Pyrene	12.74	202	851424	36.69	nq	100
79) Butylbenzylphthalate	13.37	149	459584	43.40	nq	89
80) Benzo(a)anthracene	13.94	228	825249	40.57	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	336780	43.61	nq	# 96
82) Chrysene	13.99	228	831271	38.78	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	580371	38.42	nq	# 98
84) Di-n-octyl phthalate	14.57	149	1028891	39.66	nq	99
85) Indeno(1,2,3-cd)pyrene	16.81	276	591443	34.71	nq	98
87) Benzo(b)fluoranthene	15.01	252	853639m	45.40	nq	
88) Benzo(k)fluoranthene	15.04	252	515270m	32.60	nq	
89) Benzo(a)pyrene	15.36	252	619887	38.36	nq	97
90) Dibenzo(a,h)anthracene	16.82	278	490973	37.08	nq	99
91) Benzo(g,h,i)perylene	17.22	276	469737	36.52	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

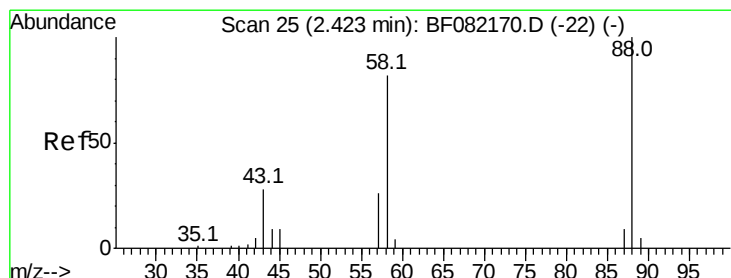
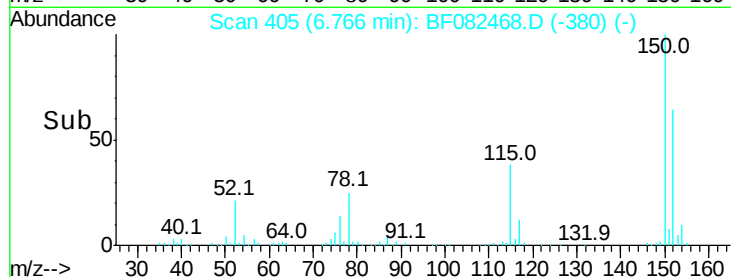
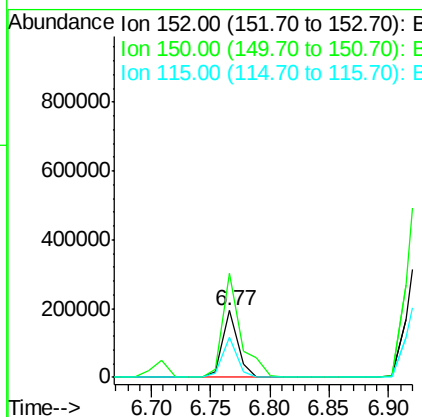
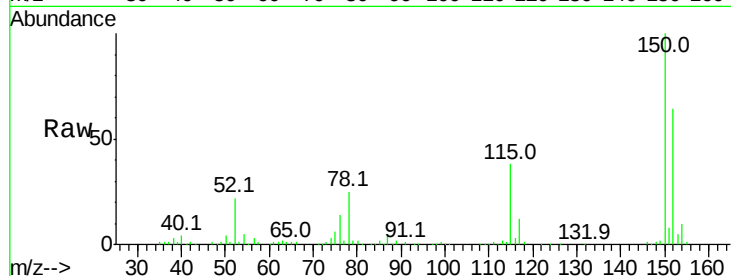
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	172264
Ion Ratio	Lower	Upper	
152	100		
150	156.8	129.0	193.4
115	59.2	52.1	78.1

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#2

1,4-Dioxane

Concen: 36.71 ng

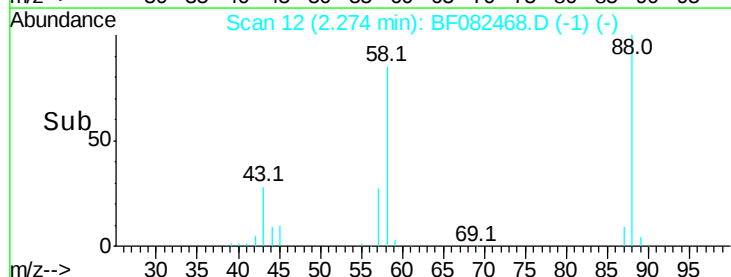
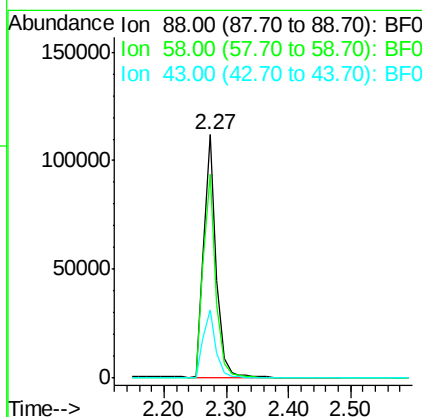
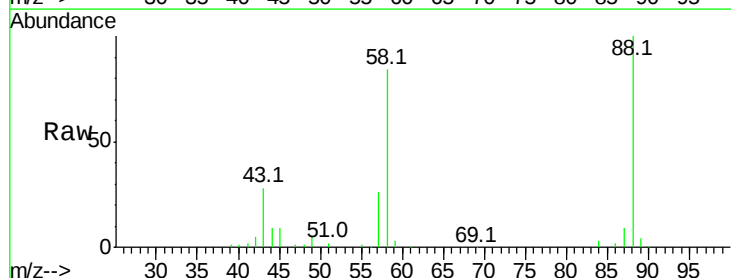
RT: 2.27 min Scan# 12

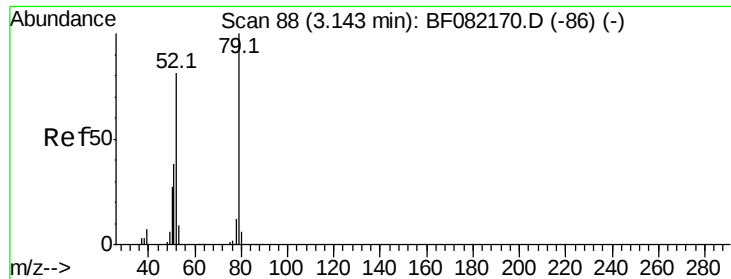
Delta R.T. -0.02 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion:	88	Resp:	157430
Ion Ratio	Lower	Upper	
88	100		
58	82.5	66.2	99.4
43	29.8	23.0	34.4





#3

Pvridine

Concen: 42.55 ng

RT: 2.97 min Scan# 73

Delta R.T. -0.02 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

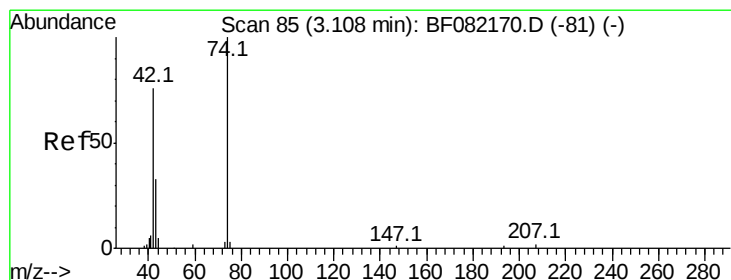
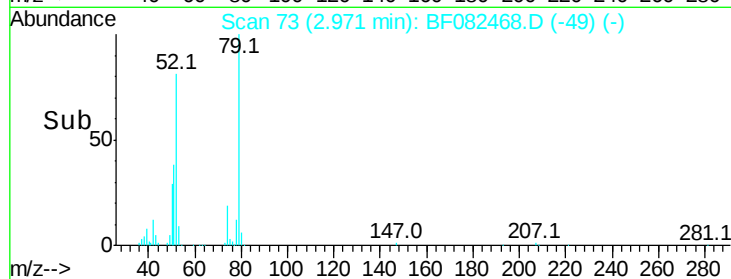
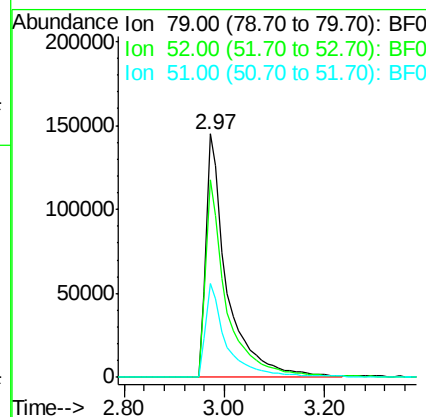
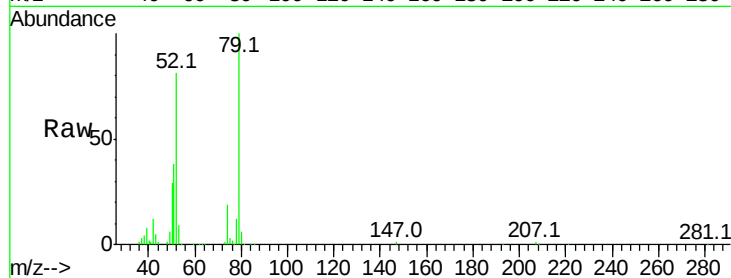
ClientSampleId :

SSTDCCC040EC

Manual Integrations
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Tot Ion	79	Resp	424358
Ion Ratio	Lower	Upper	
79	100		
52	80.9	64.4	96.6
51	38.5	30.5	45.7



#4

n-Nitrosodimethylamine

Concen: 42.13 ng

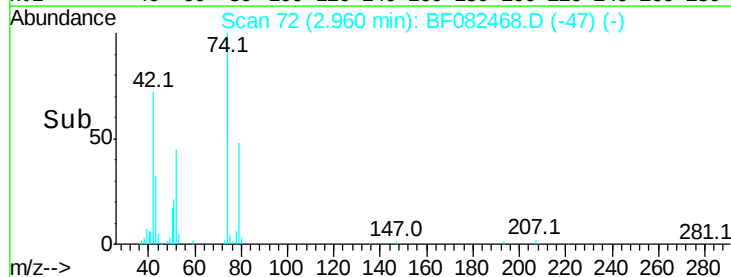
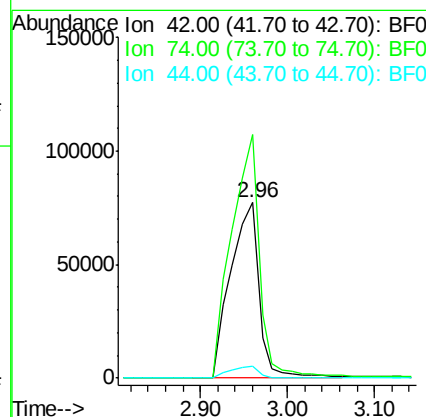
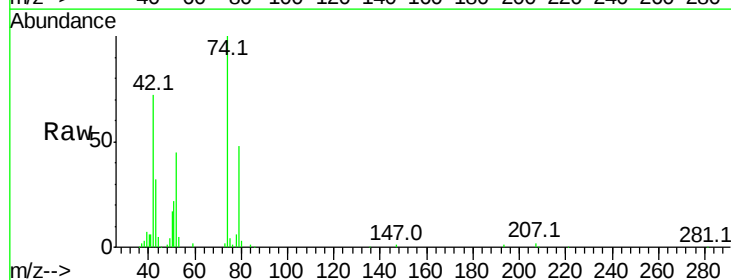
RT: 2.96 min Scan# 72

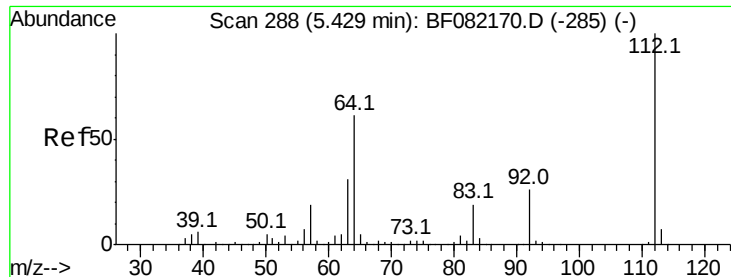
Delta R.T. -0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion	42	Resp	178204
Ion Ratio	Lower	Upper	
42	100		
74	138.9	105.7	158.5
44	7.0	5.4	8.2





#5

2-Fluorophenol

Concen: 77.61 ng

RT: 5.36 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

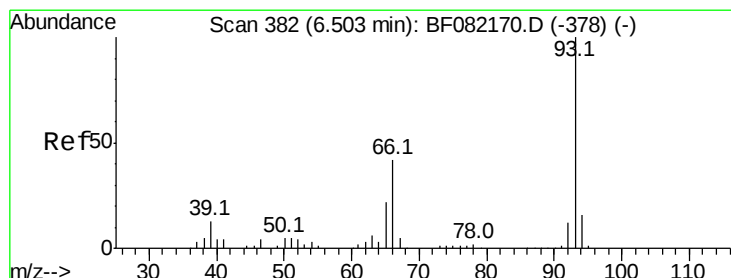
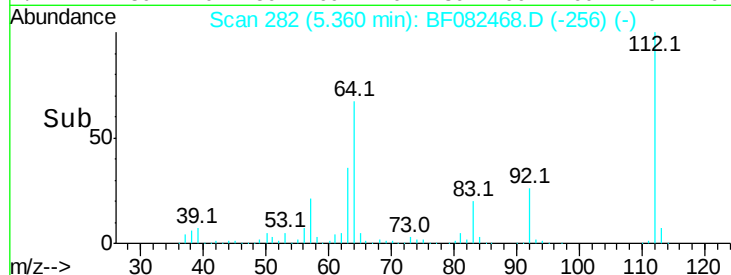
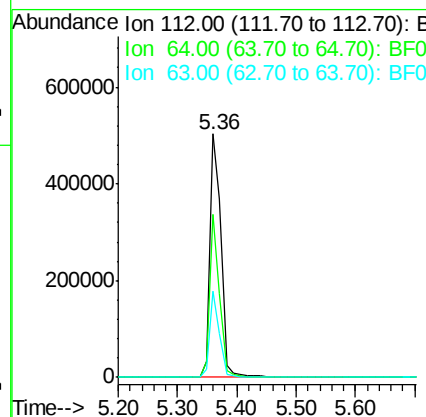
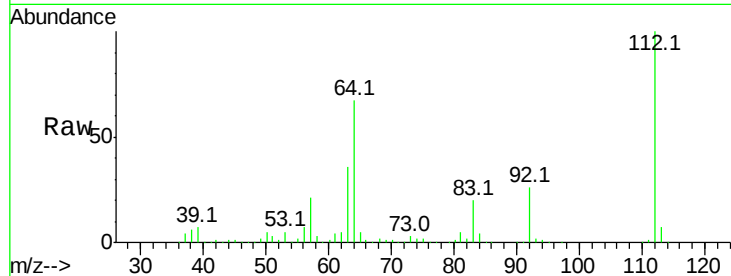
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	662414
Ion Ratio	Lower	Upper	
112	100		
64	67.0	48.6	73.0
63	35.6	25.1	37.7

Manual Integrations
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#6

Aniline

Concen: 36.29 ng

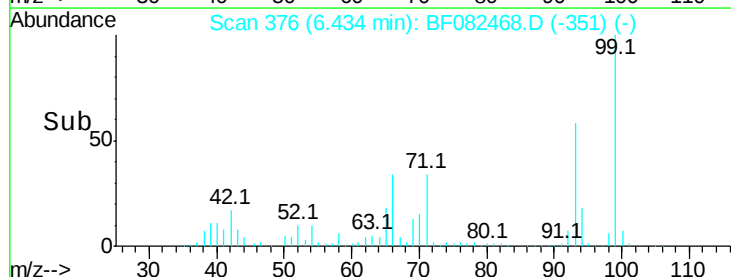
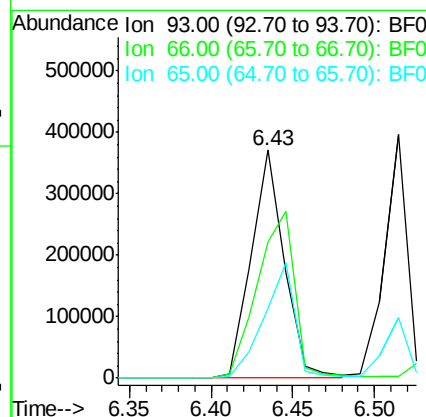
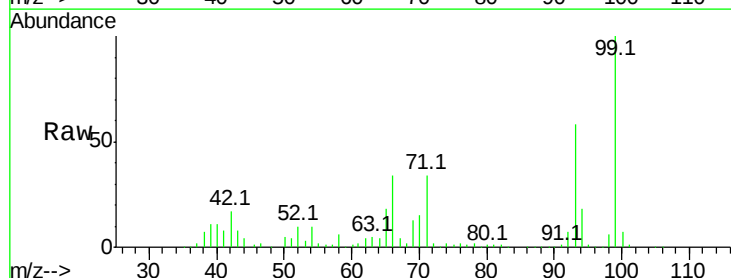
RT: 6.43 min Scan# 376

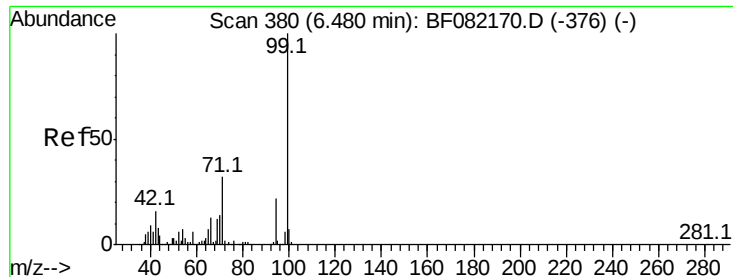
Delta R.T. -0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion:	93	Resp:	519727
Ion Ratio	Lower	Upper	
93	100		
66	59.6	34.2	51.2#
65	30.3	17.9	26.9#





#7

Phenol-d6

Concen: 74.45 ng

RT: 6.43 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

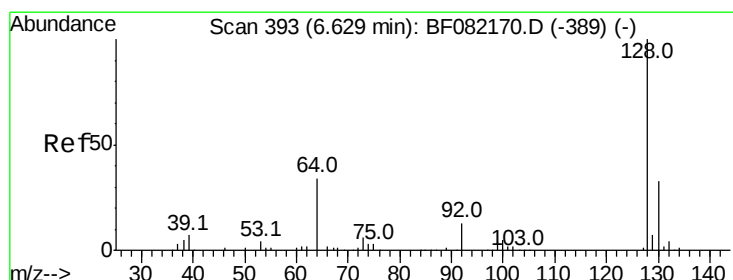
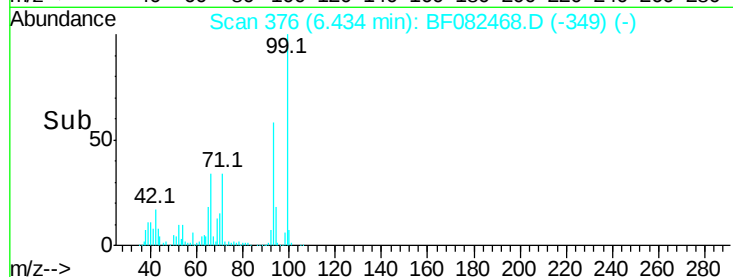
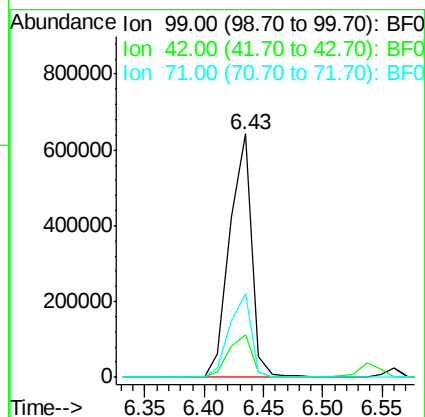
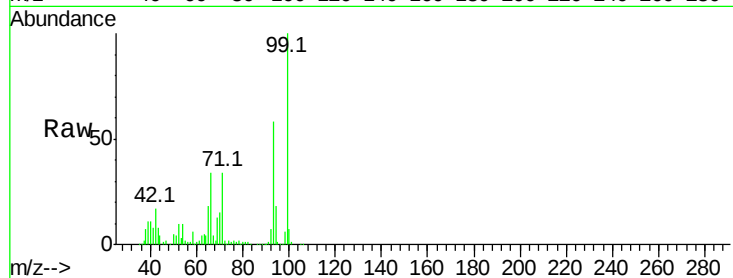
ClientSampleId :

SSTDCCC040EC

Tot Ion	99	Resp	826976
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.2	19.8
71	34.3	25.6	38.4

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#8

2-Chlorophenol

Concen: 38.50 ng

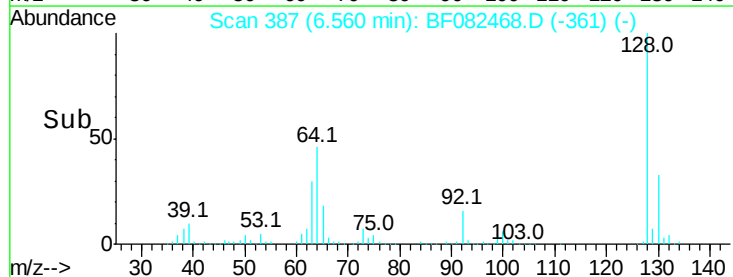
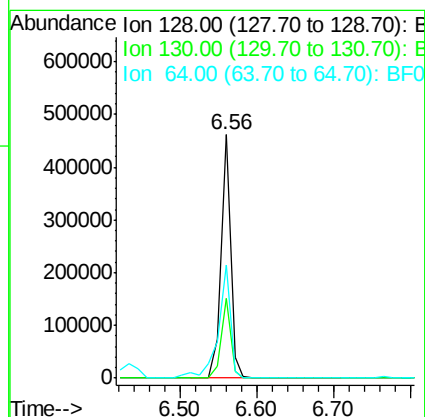
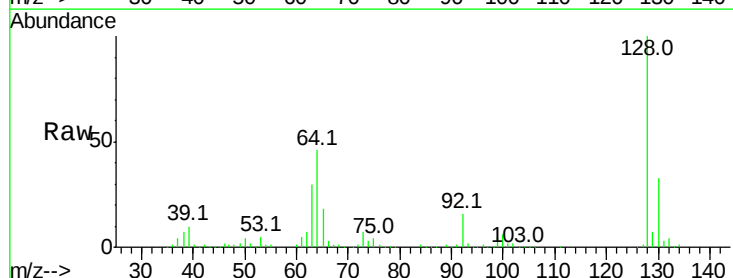
RT: 6.56 min Scan# 387

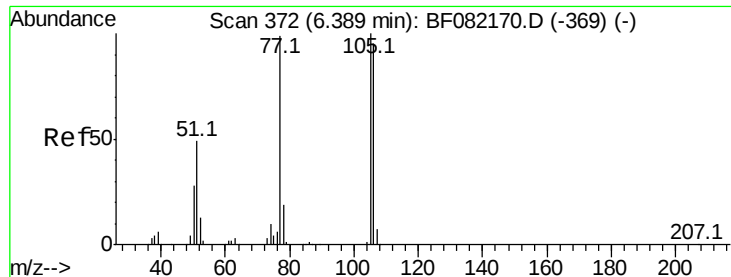
Delta R.T. -0.00 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion	128	Resp	401144
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	46.2	16.7	56.7





#9

Benzaldehyde

Concen: 43.34 ng

RT: 6.32 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

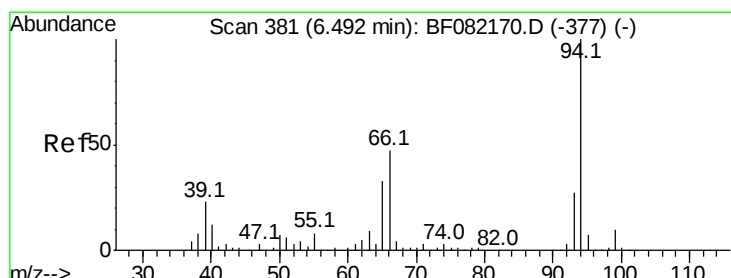
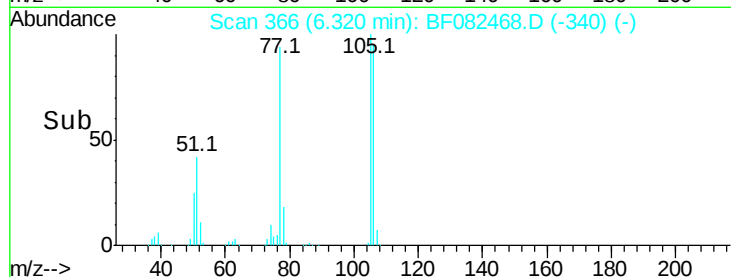
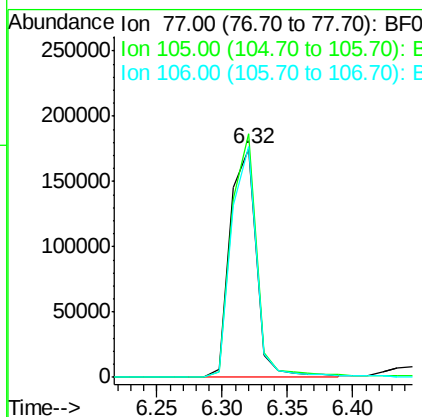
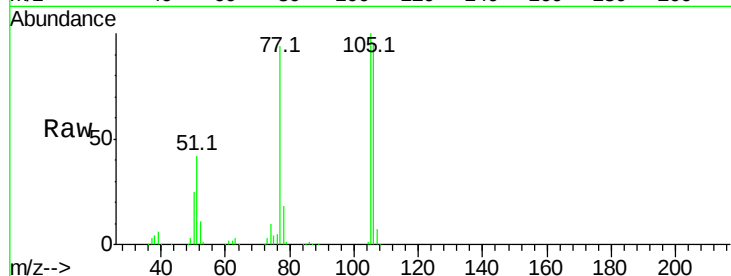
ClientSampleId :

SSTDCCC040EC

Manual Integrations
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Tot Ion:	77	Resp:	245859
Ion Ratio	Lower	Upper	
77	100		
105	106.5	80.6	120.6
106	101.1	75.5	115.5



#10

Phenol

Concen: 39.45 ng

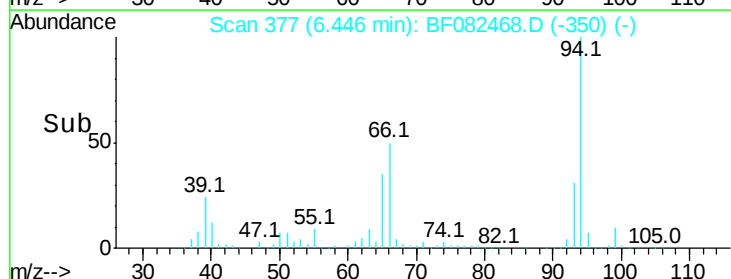
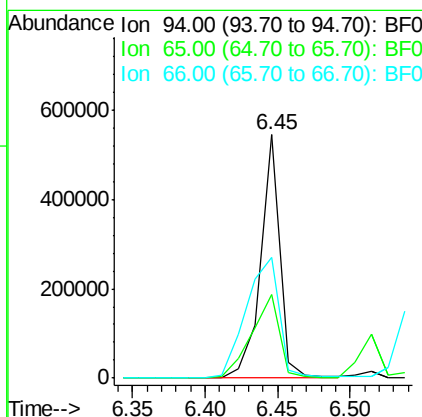
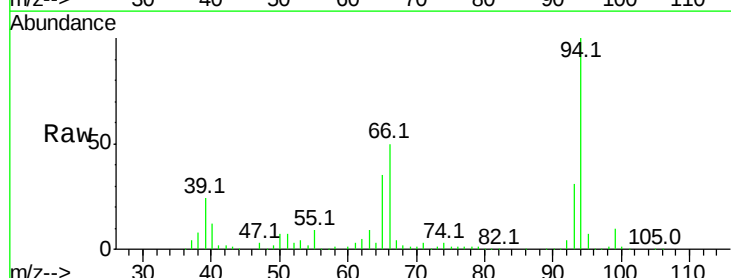
RT: 6.45 min Scan# 377

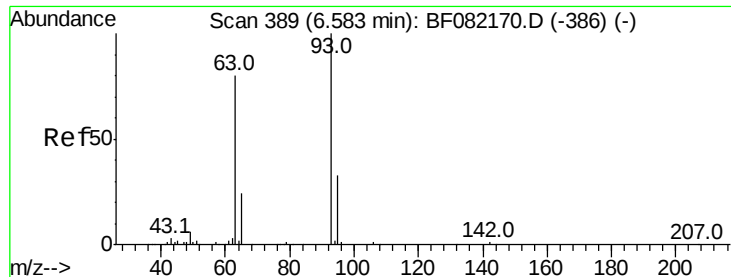
Delta R.T. 0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion:	94	Resp:	505204
Ion Ratio	Lower	Upper	
94	100		
65	34.6	12.6	52.6
66	49.7	27.3	67.3





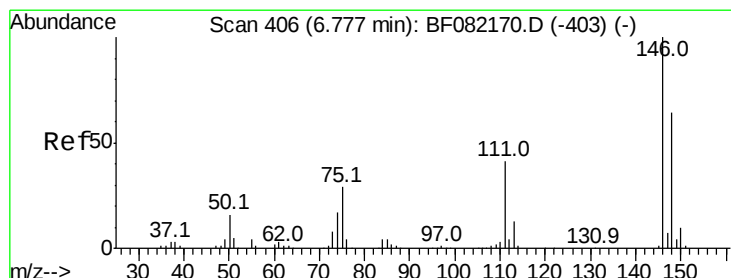
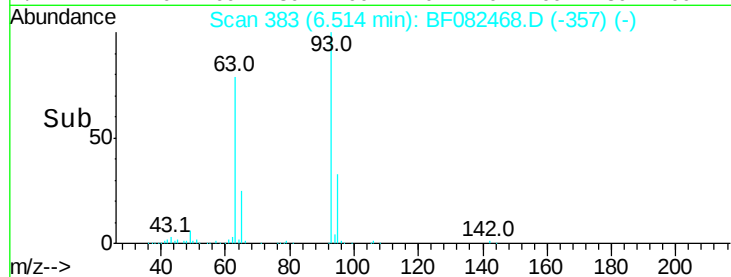
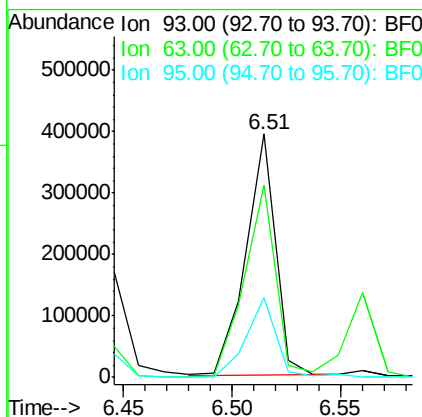
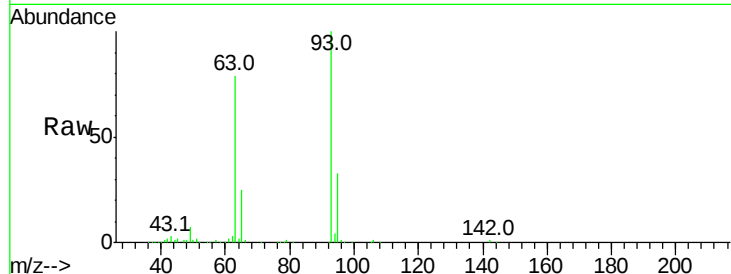
#11
bis(2-Chloroethyl)ether
Concen: 34.27 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.8	57.1	97.1
95	32.8	11.9	51.9

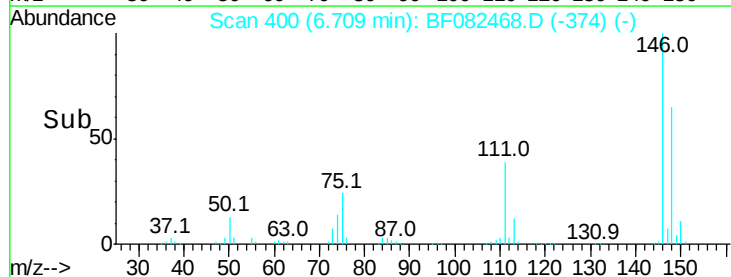
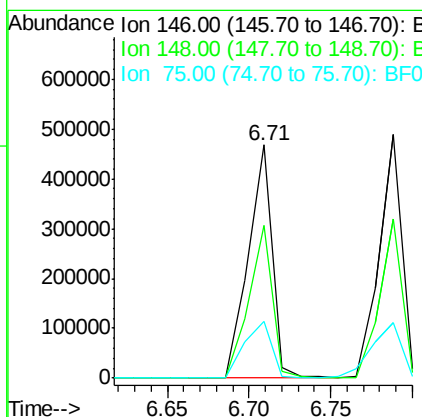
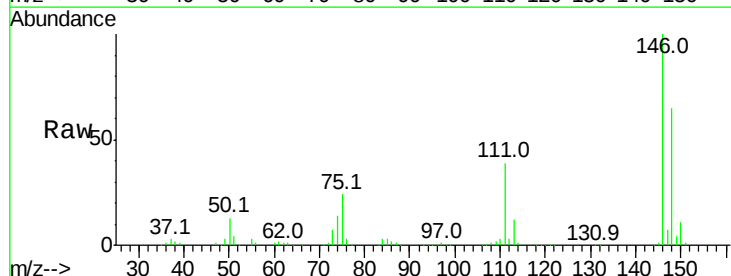
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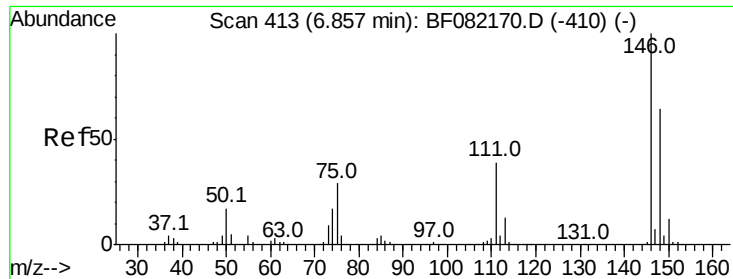
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#12
1,3-Dichlorobenzene
Concen: 39.14 ng
RT: 6.71 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.2
75	24.1	23.0	34.6





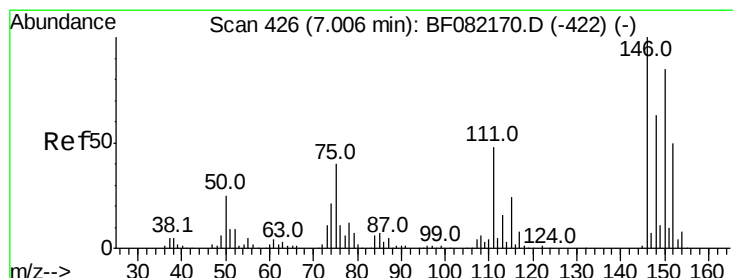
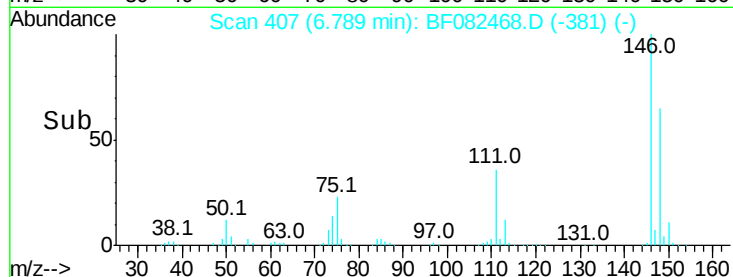
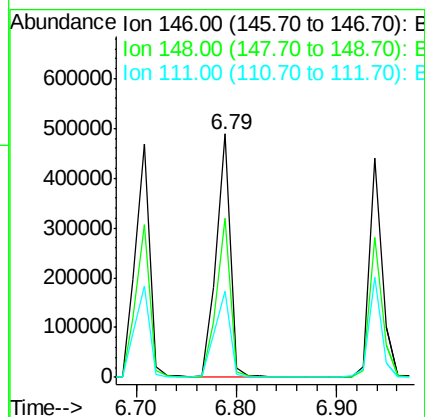
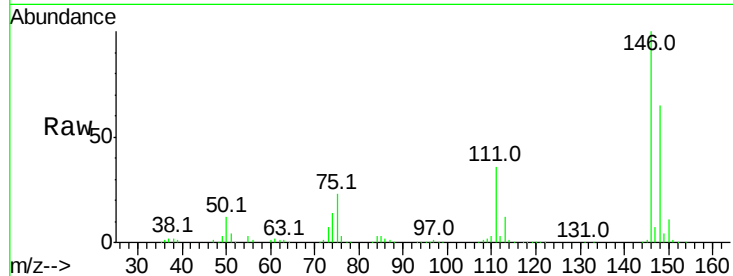
#13
 1,4-Dichlorobenzene
 Concen: 38.08 ng
 RT: 6.79 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	482515		
148	65.5		51.0	76.4
111	35.6		31.1	46.7

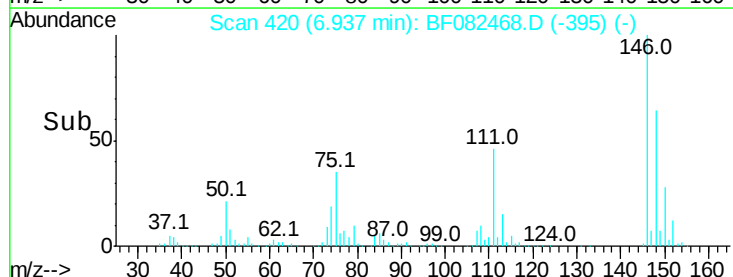
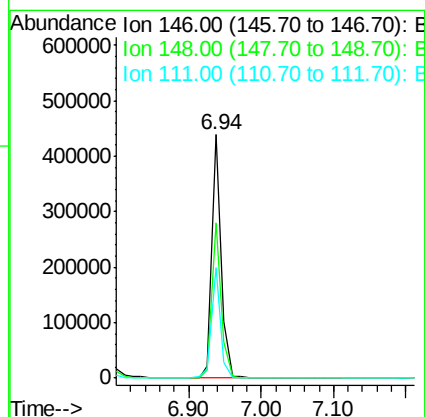
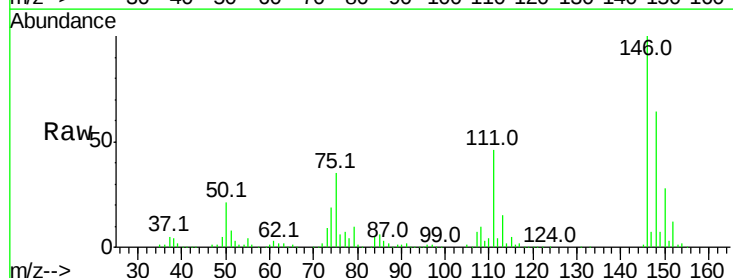
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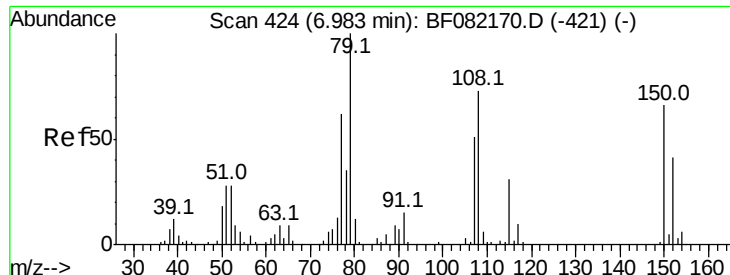
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#14
 1,2-Dichlorobenzene
 Concen: 32.75 ng
 RT: 6.94 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	394136		
148	64.0		50.5	75.7
111	45.6		38.5	57.7





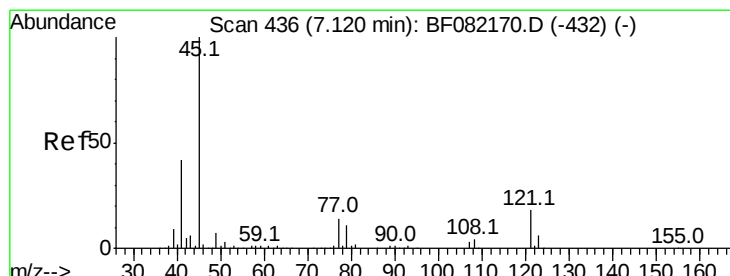
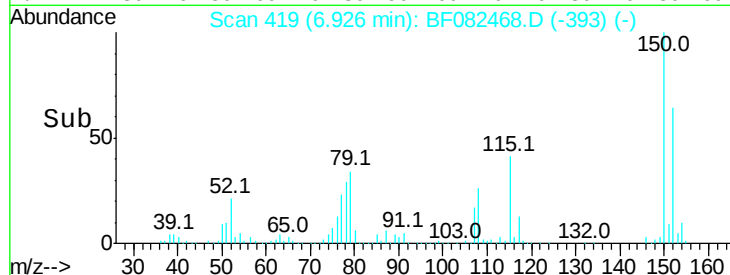
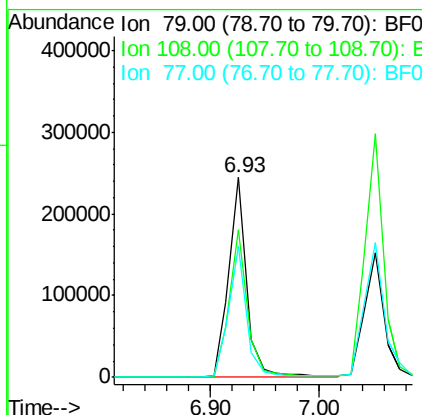
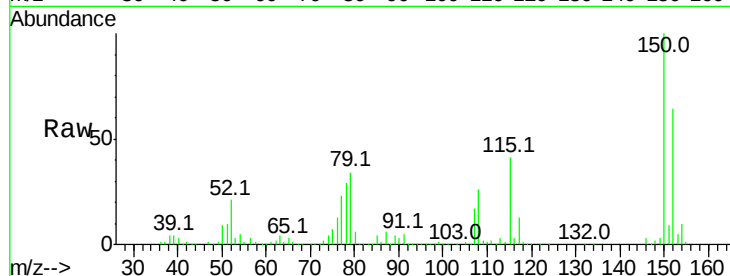
#15
Benzyl Alcohol
Concen: 36.89 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.1	58.4	87.6
77	65.5	49.8	74.6

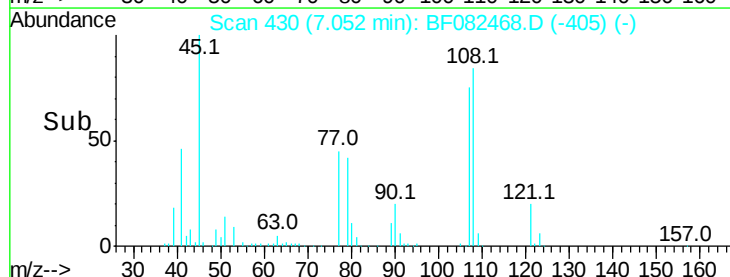
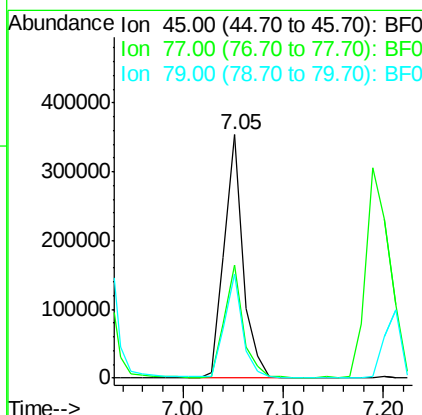
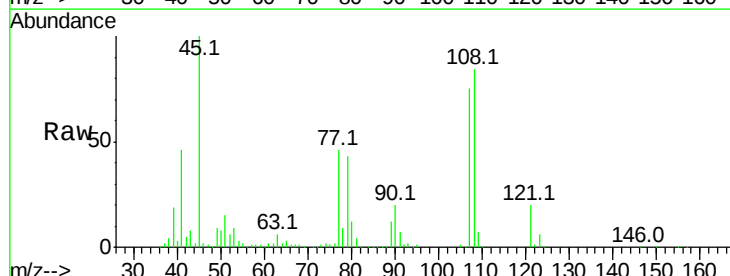
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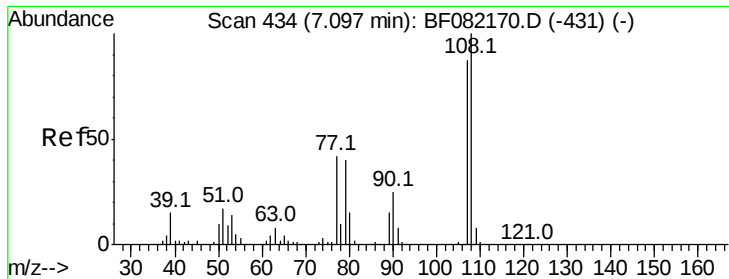
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.63 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	46.4	0.0	34.5#
79	43.0	0.0	31.6#





#17

2-Methylphenol

Concen: 38.59 ng

RT: 7.05 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082468.D

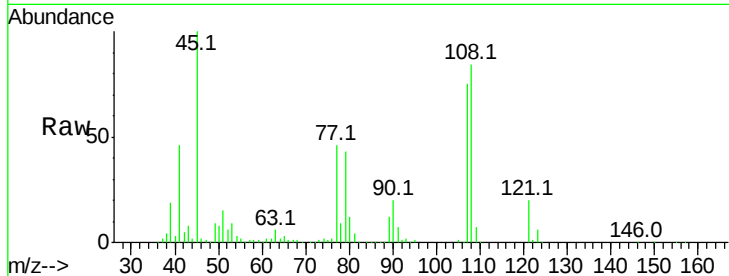
Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tot Ion:107 Resp: 317961

Ion Ratio Lower Upper

107 100

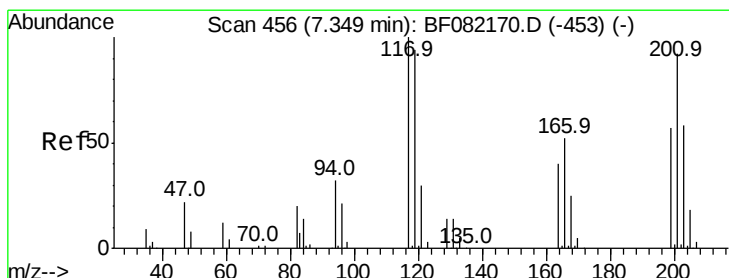
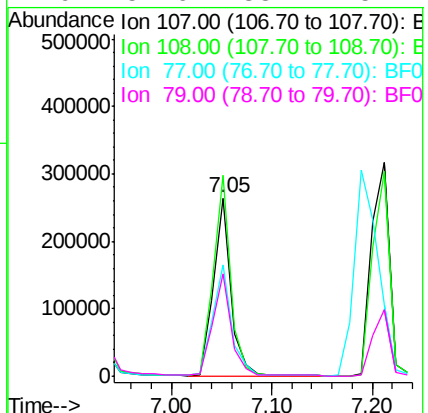
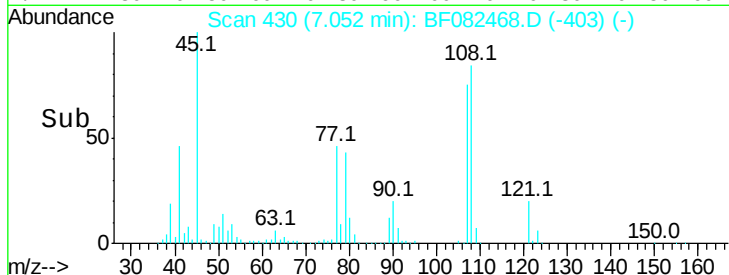
108 112.8 92.2 138.2

77 62.2 39.6 59.4

79 57.6 38.2 57.4

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#18

Hexachloroethane

Concen: 21.52 ng

RT: 7.27 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

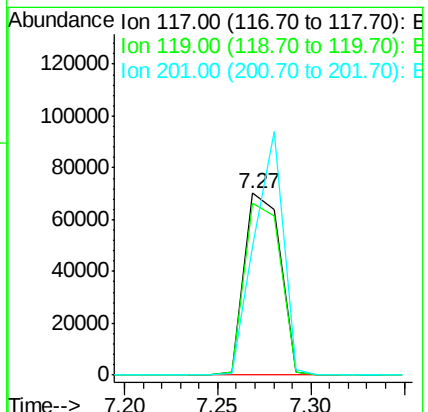
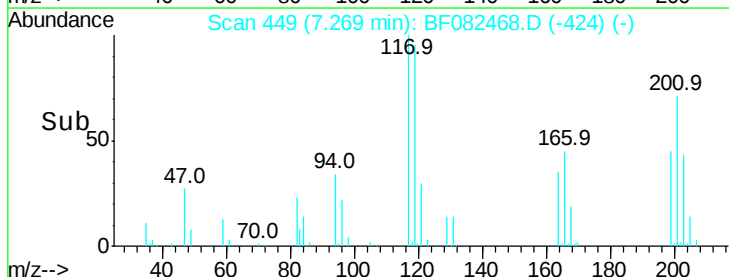
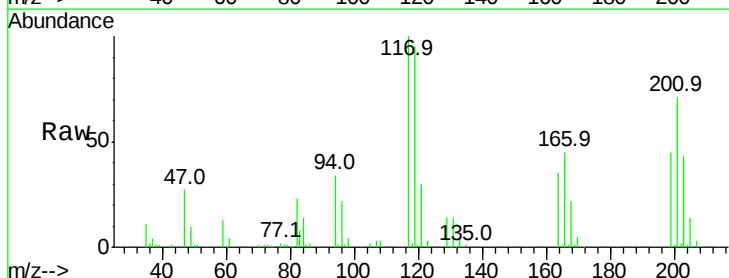
Tgt Ion:117 Resp: 93364

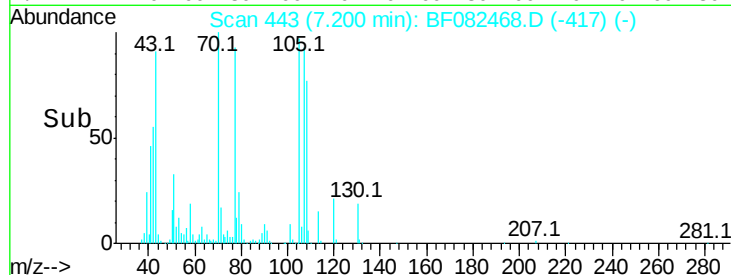
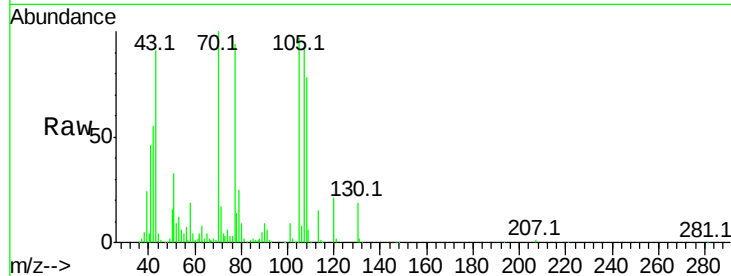
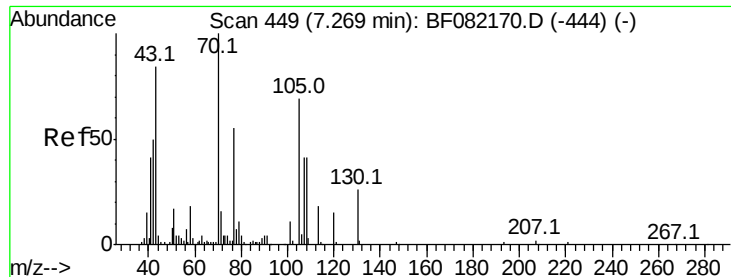
Ion Ratio Lower Upper

117 100

119 94.5 75.4 113.2

201 70.6 73.4 110.0





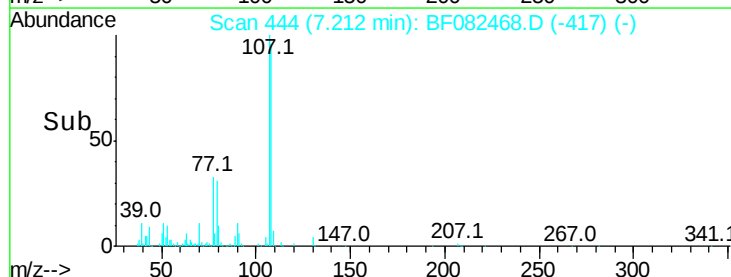
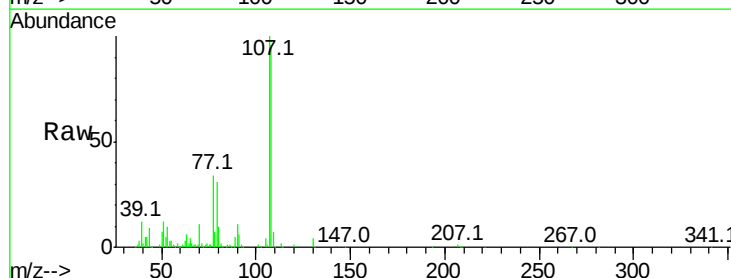
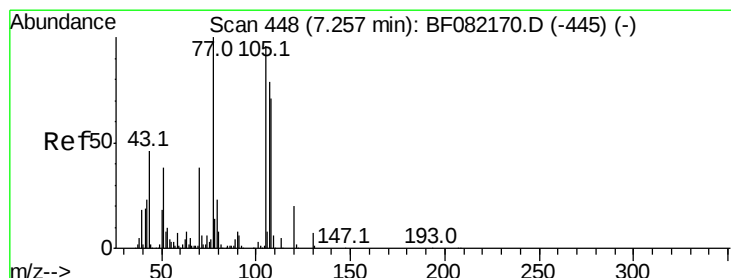
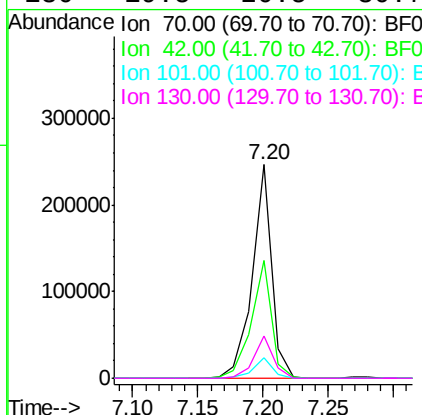
#19
n-Nitroso-di-n-propylamine
Concen: 32.91 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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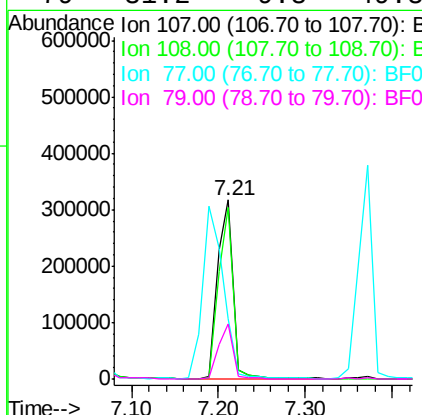
mmdadoda
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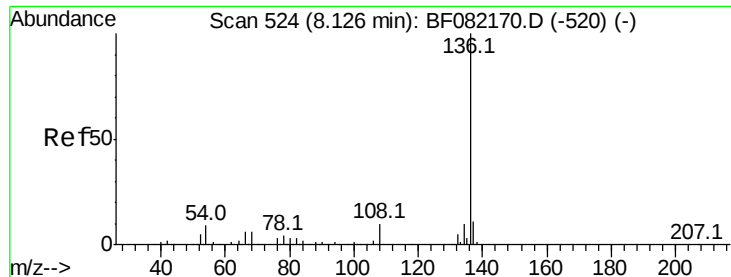
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.1	39.8	59.8
101	9.5	8.6	13.0
130	19.5	20.5	30.7#



#20
3+4-Methylphenols
Concen: 40.61 ng
RT: 7.21 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.7	69.9	109.9
77	33.7	106.0	146.0#
79	31.2	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: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

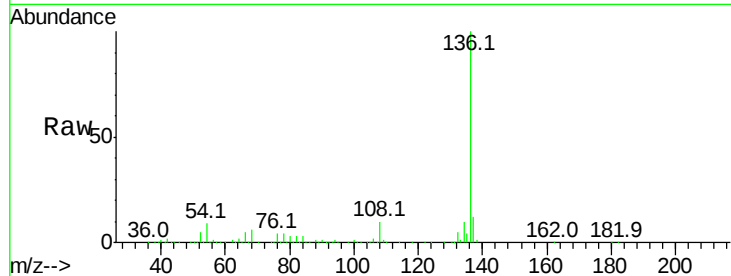
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	609328		
137	11.6		9.0	13.6
54	8.9		7.5	11.3
68	5.7		4.6	7.0

Manual Integrations
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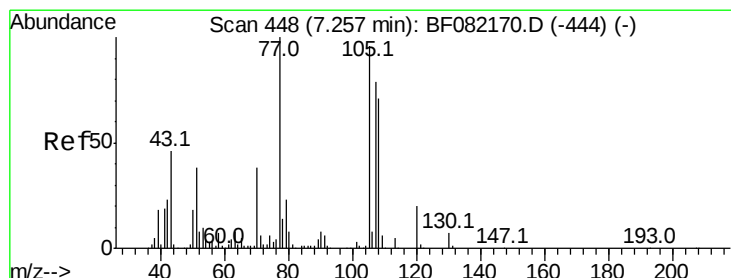
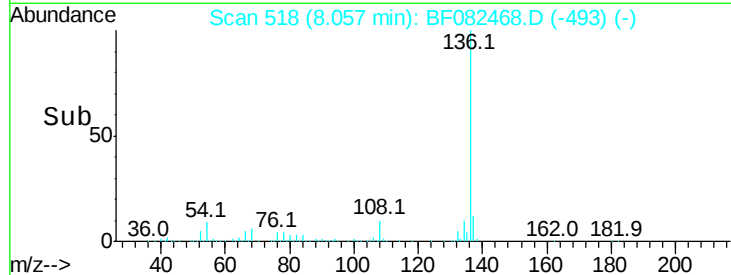
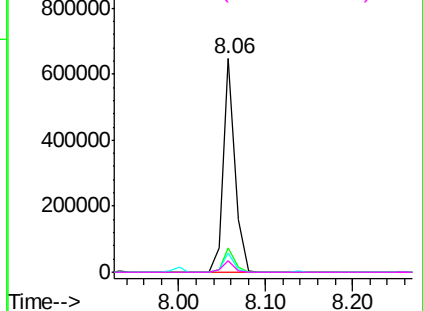


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.47 ng

RT: 7.19 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

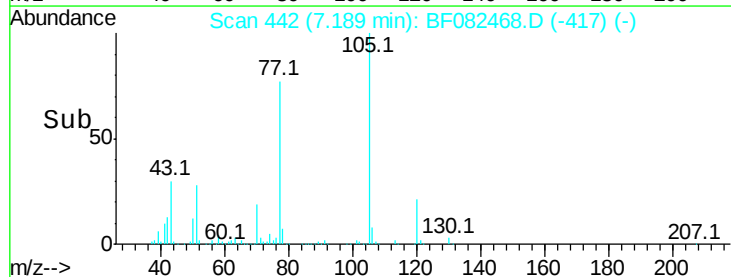
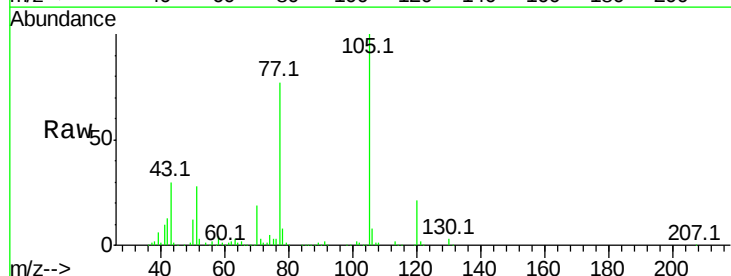
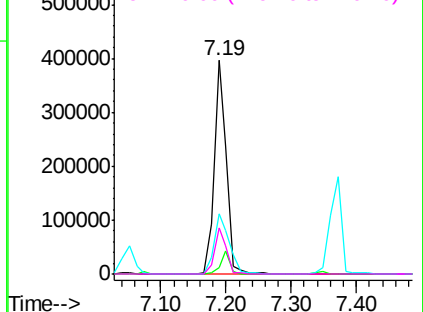
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	523966		
71	3.3		5.4	8.0#
51	28.5		31.8	47.6#
120	21.3		16.3	24.5

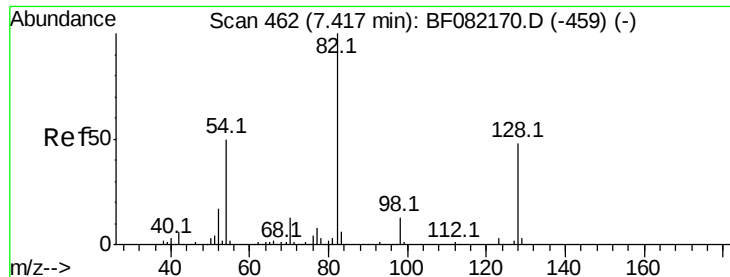
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





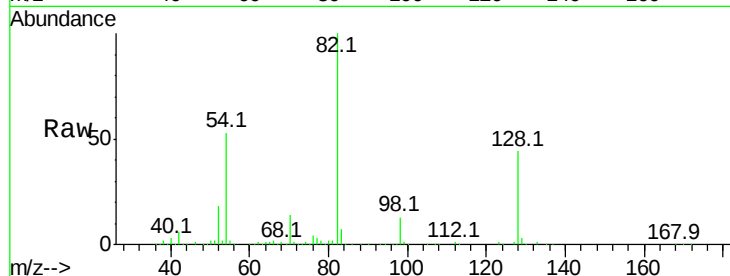
#23
 Nitrobenzene-d5
 Concen: 80.79 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

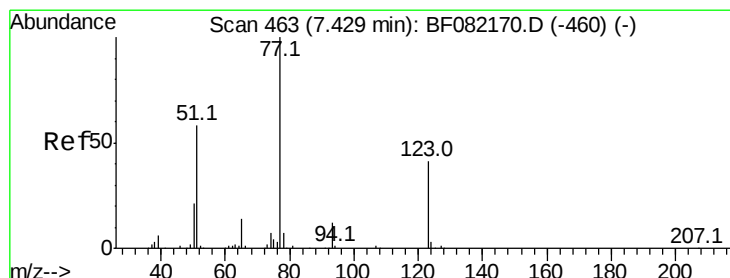
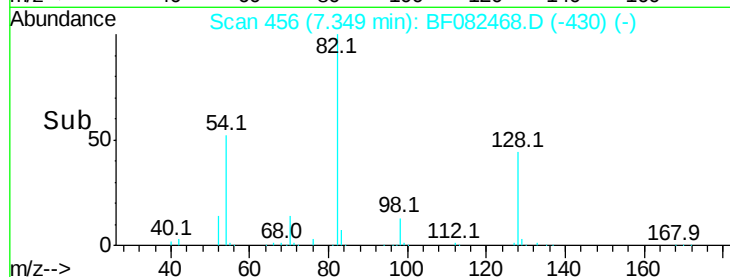
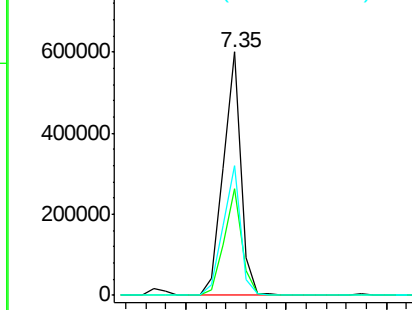
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	38.7	58.1
54	53.3	40.1	60.1

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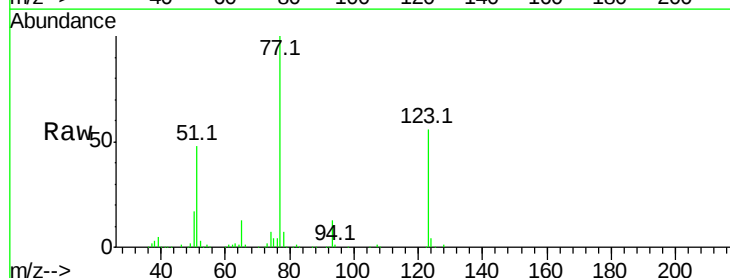


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

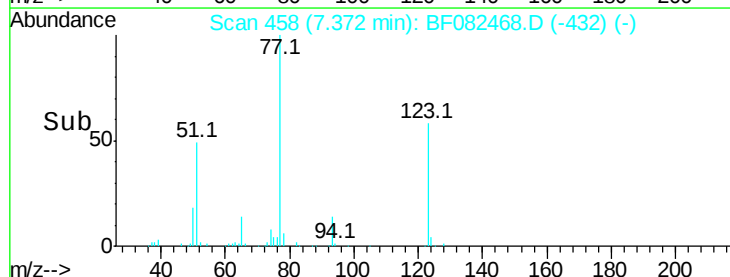
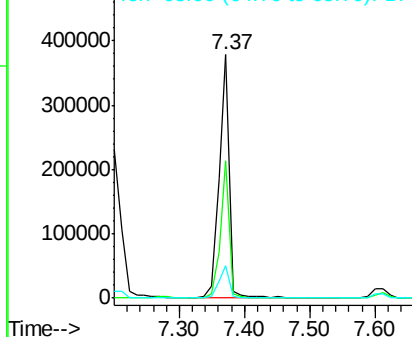


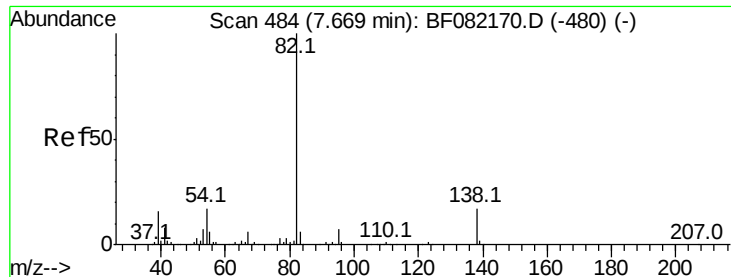
#24
 Nitrobenzene
 Concen: 42.55 ng
 RT: 7.37 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.2	33.0	49.4#
65	13.3	11.2	16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.57 ng

RT: 7.61 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

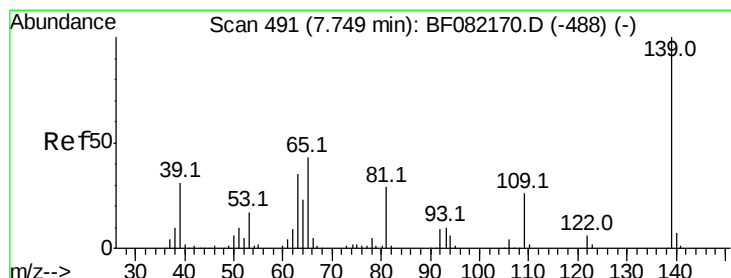
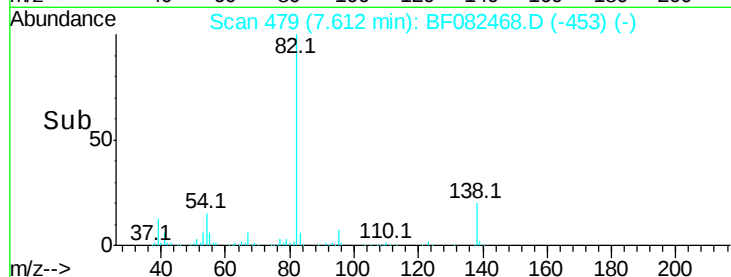
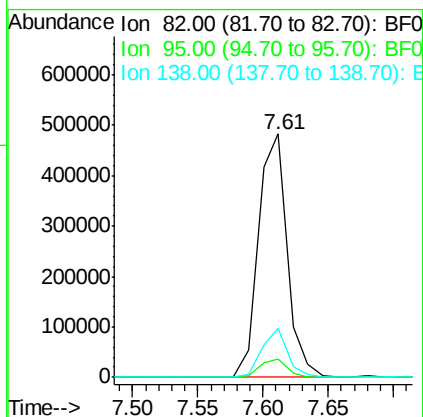
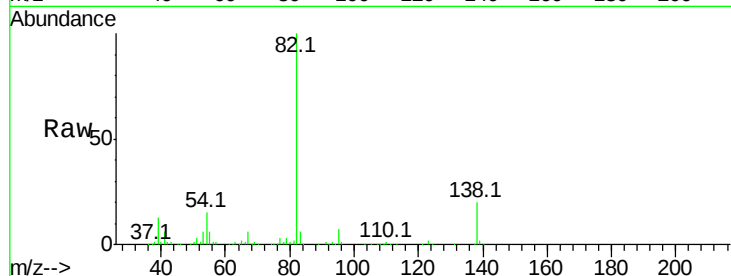
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	742914
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.6	8.4
138	20.2	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.76 ng

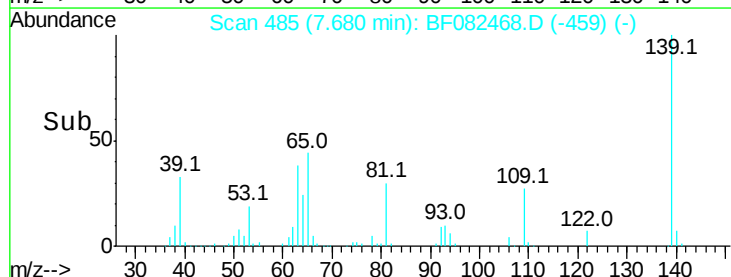
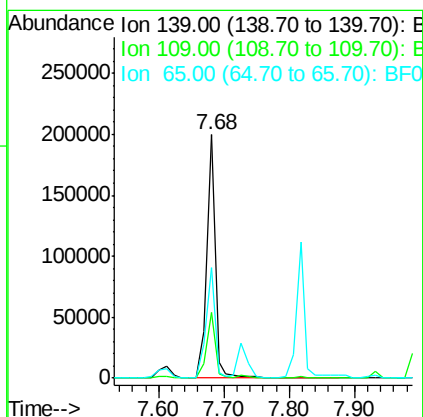
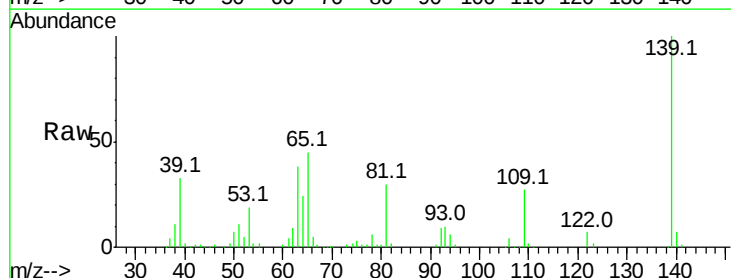
RT: 7.68 min Scan# 485

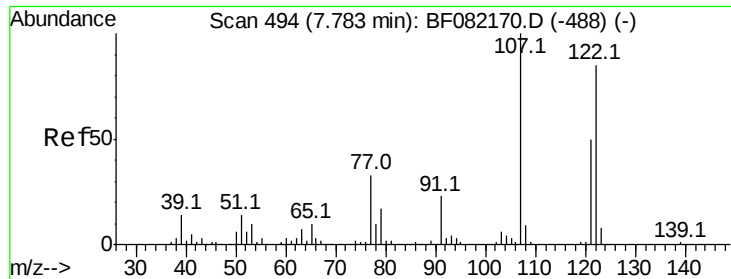
Delta R.T. -0.00 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion:	139	Resp:	180261
Ion Ratio	Lower	Upper	
139	100		
109	26.7	20.6	31.0
65	45.2	34.3	51.5





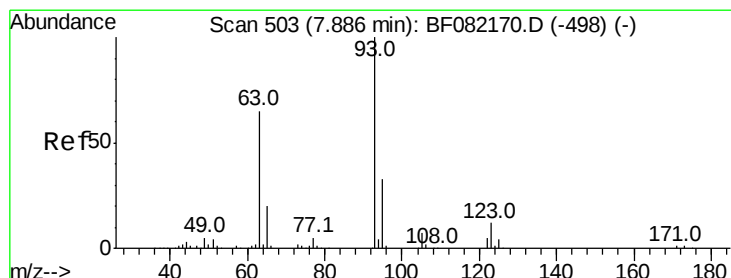
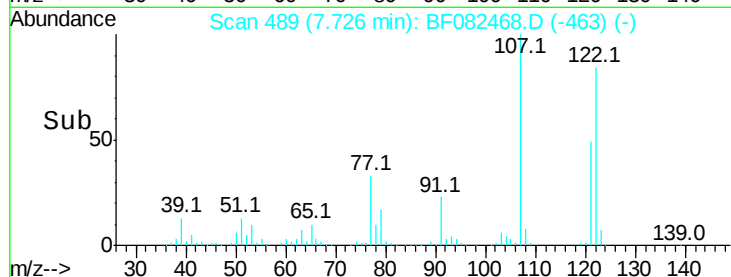
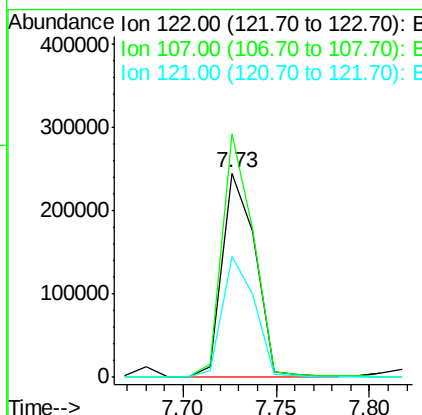
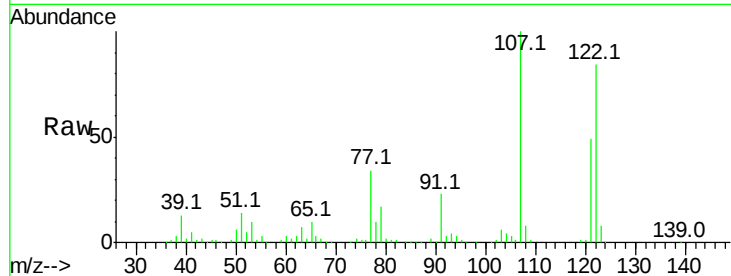
#27
 2,4-Dimethylphenol
 Concen: 38.77 ng
 RT: 7.73 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	122	Resp:	306286
Ion Ratio	Lower	Upper	
122	100		
107	119.3	94.0	141.0
121	58.9	46.8	70.2

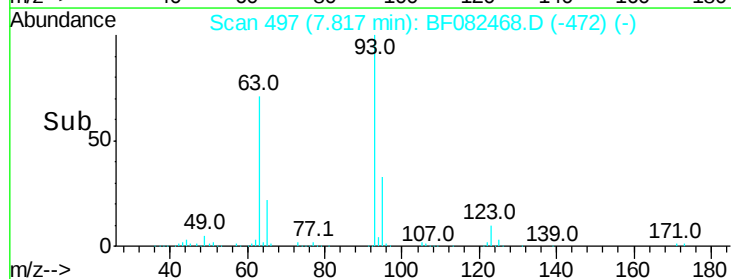
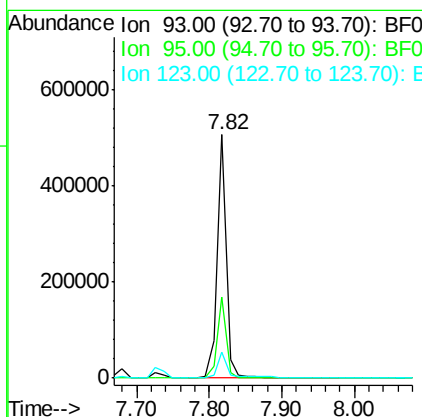
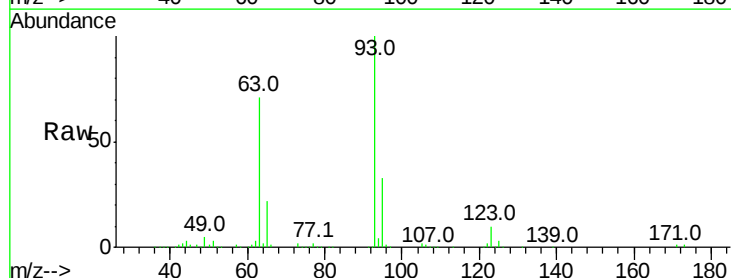
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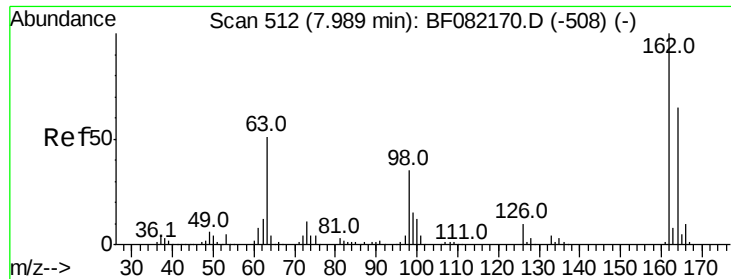
mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.57 ng
 RT: 7.82 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Tgt Ion:	93	Resp:	442918
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.6	39.8
123	10.4	9.5	14.3





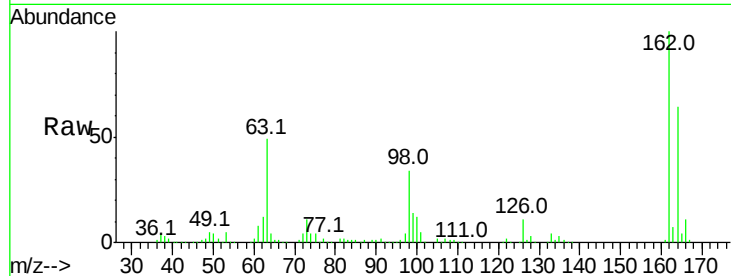
#29
2,4-Dichlorophenol
Concen: 42.31 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

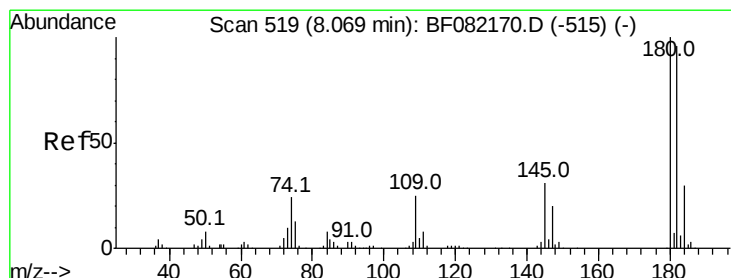
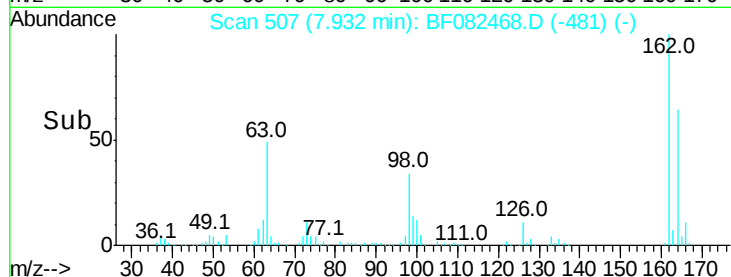
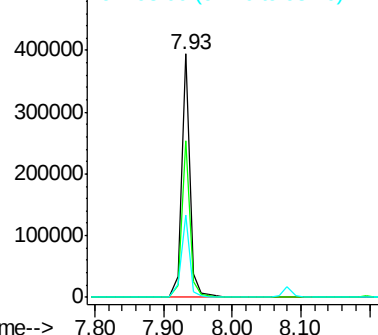
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	44.6	84.6
98	33.9	15.0	55.0

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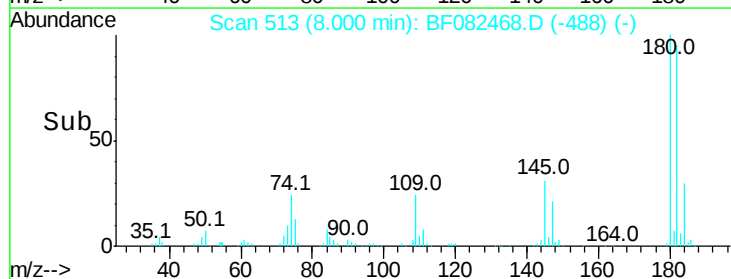
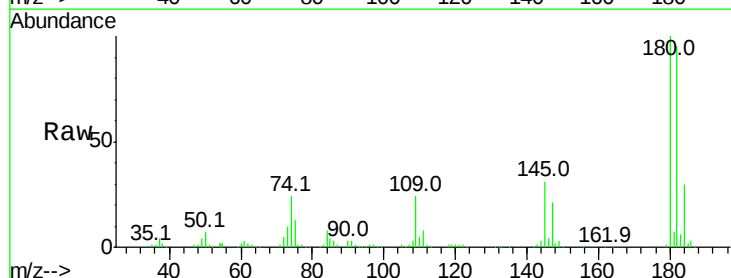
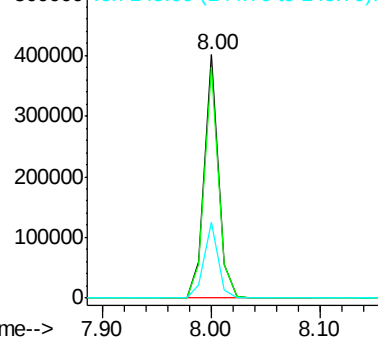
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

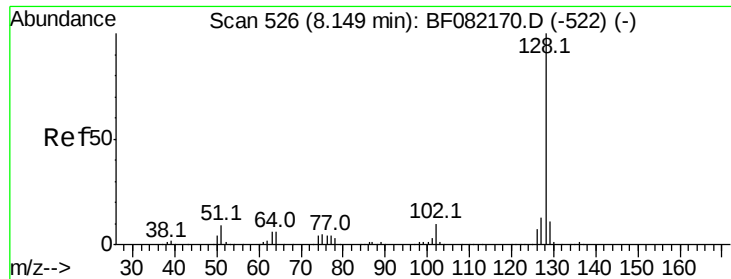


#30
1,2,4-Trichlorobenzene
Concen: 39.50 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.6	77.0	115.4
145	31.4	25.0	37.4

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





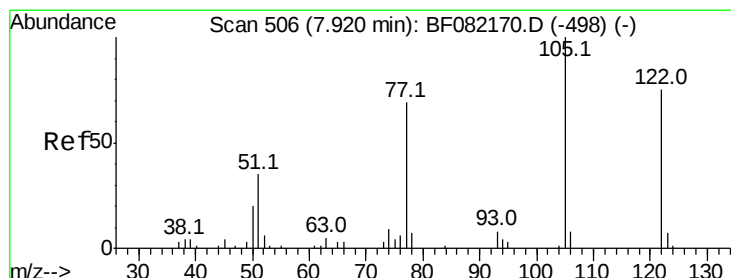
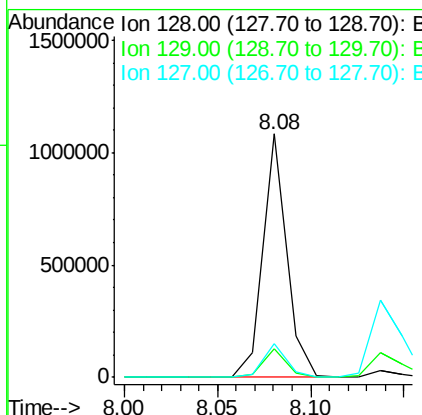
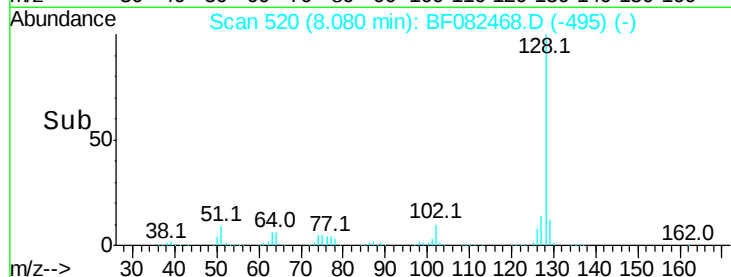
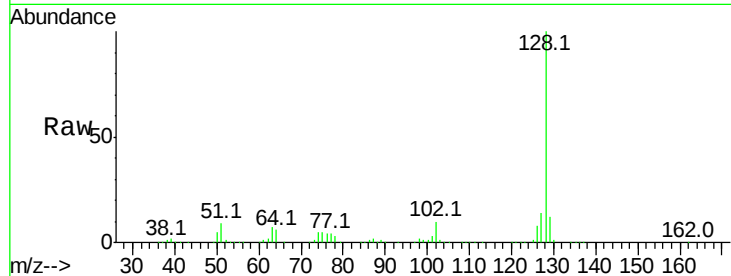
#31
Naphthalene
Concen: 36.10 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	953607		
129	11.8		9.1	13.7
127	13.8		10.7	16.1

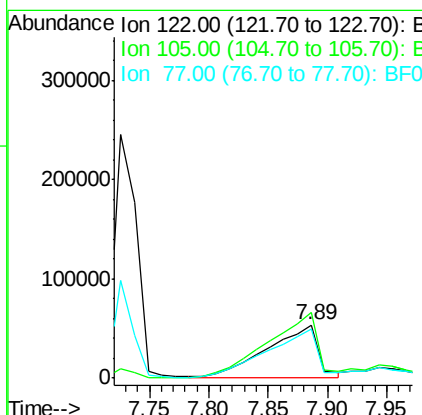
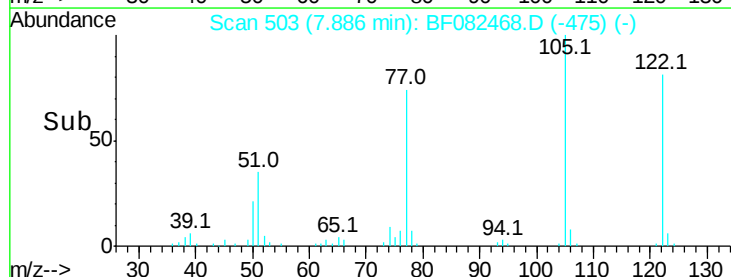
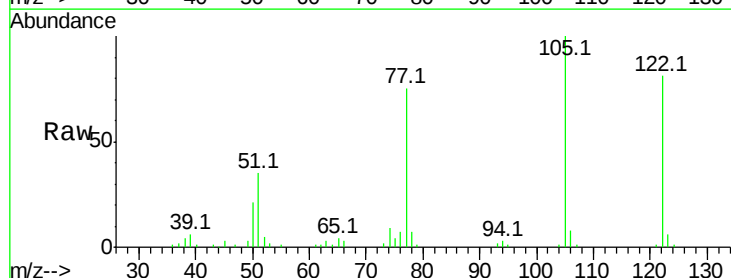
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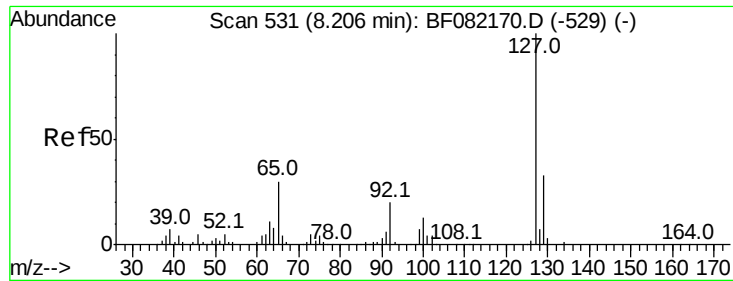
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#32
Benzoic acid
Concen: 29.78 ng
RT: 7.89 min Scan# 503
Delta R.T. 0.02 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	157901		
105	123.4		104.4	144.4
77	92.8		69.0	109.0





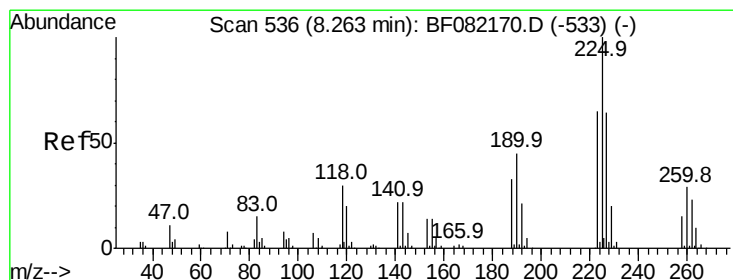
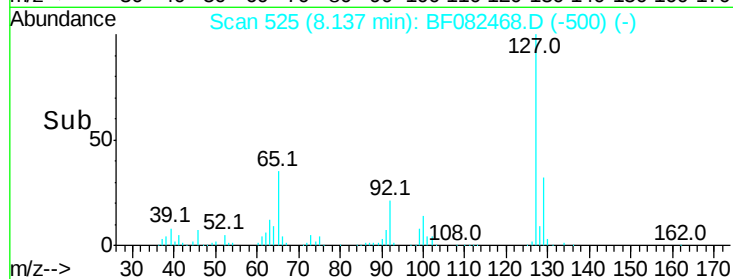
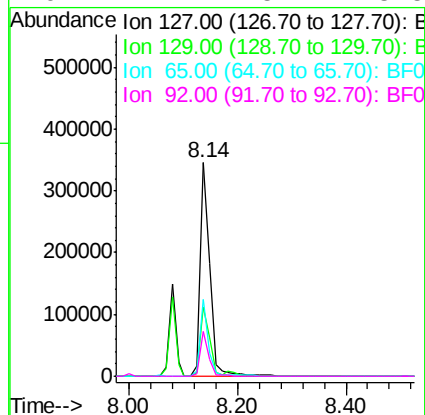
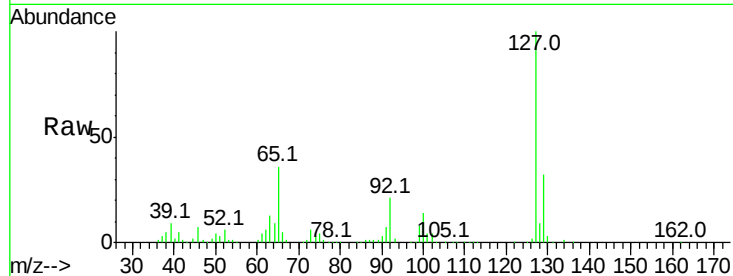
#33
4-Chloroaniline
Concen: 37.35 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.3	39.5		
65	36.1	24.4	36.6		
92	21.1	15.7	23.5		

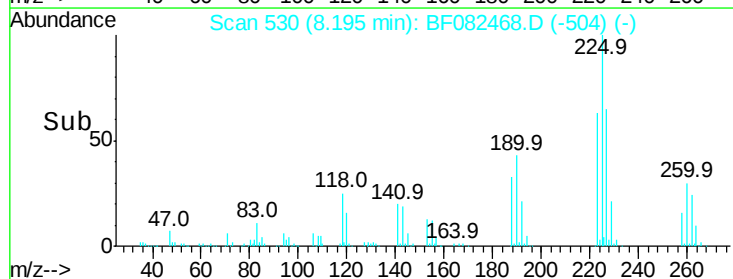
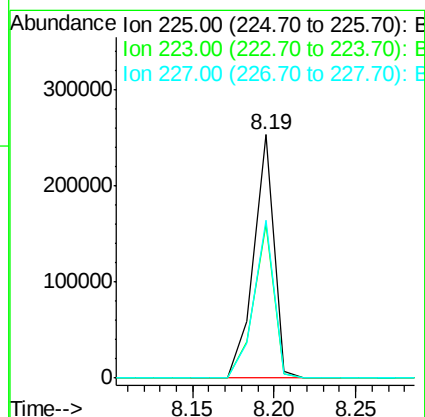
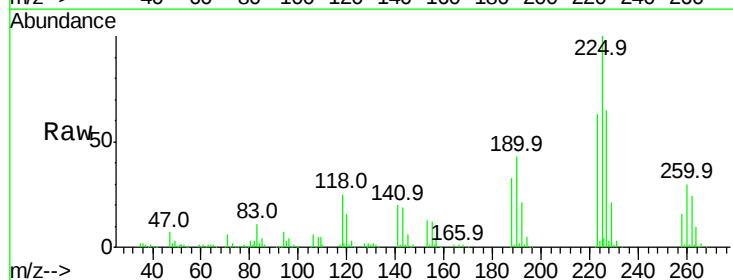
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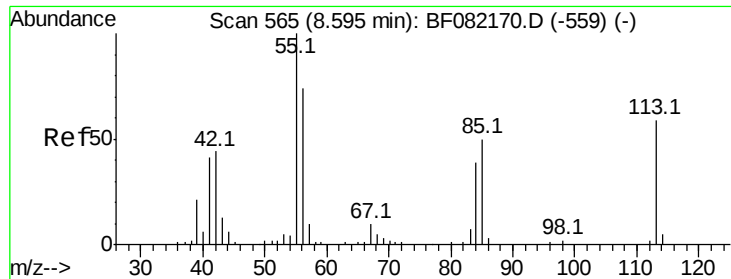
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#34
Hexachlorobutadiene
Concen: 38.74 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	52.2	78.2		
227	64.9	51.3	76.9		





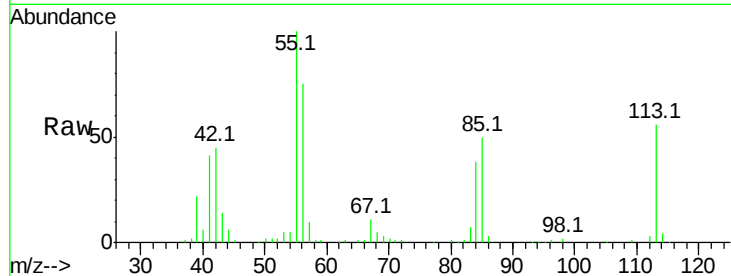
#35
 Caprolactam
 Concen: 41.86 ng
 RT: 8.55 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.9	149.7	189.7
56	135.5	105.4	145.4

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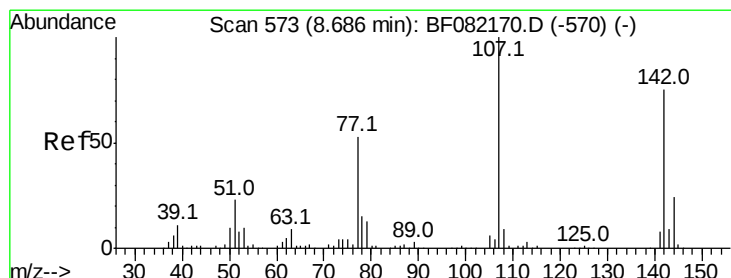
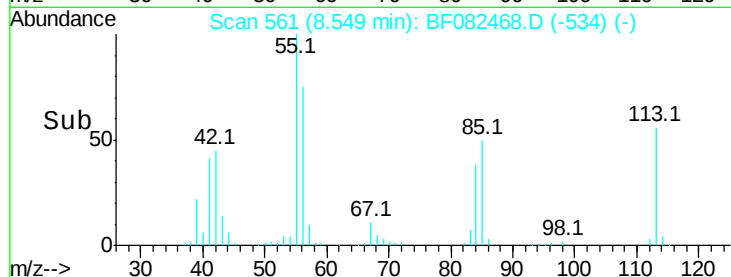
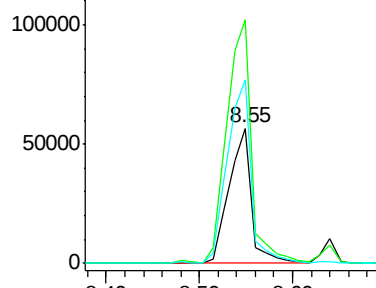
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Abundance Ion 113.00 (112.70 to 113.70): E

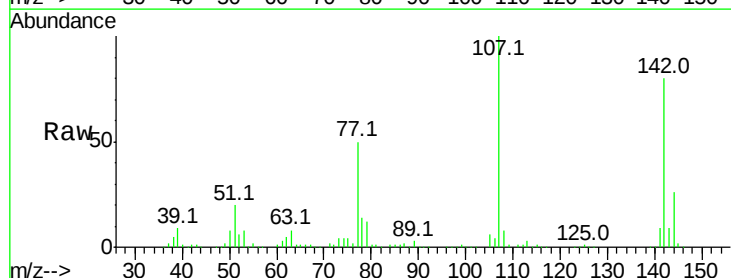
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 42.99 ng
 RT: 8.64 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

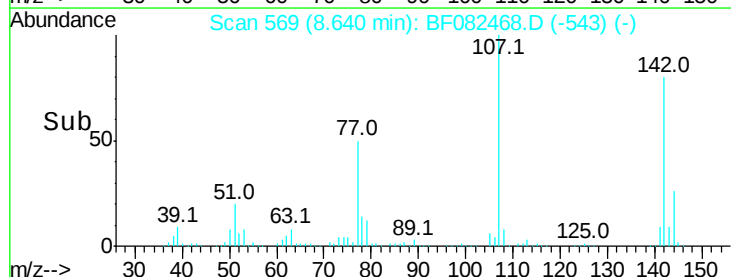
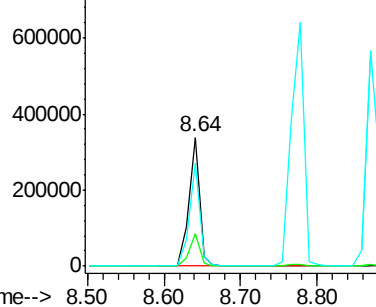
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.3	28.9
142	79.8	59.9	89.9

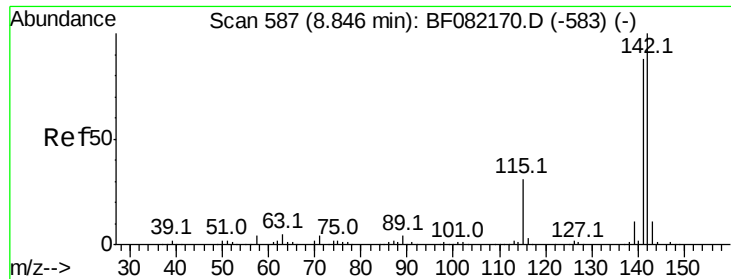


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





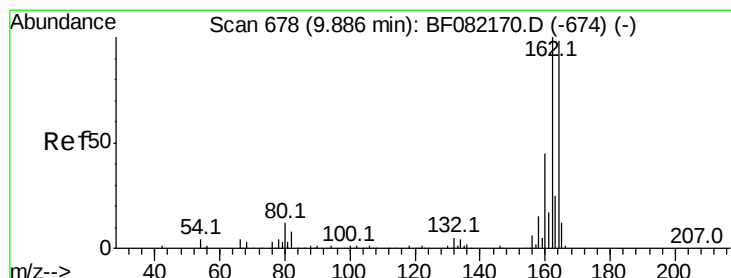
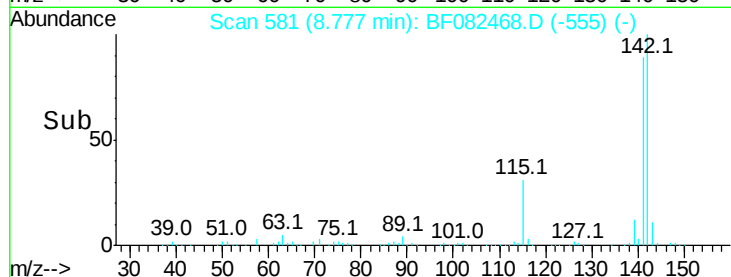
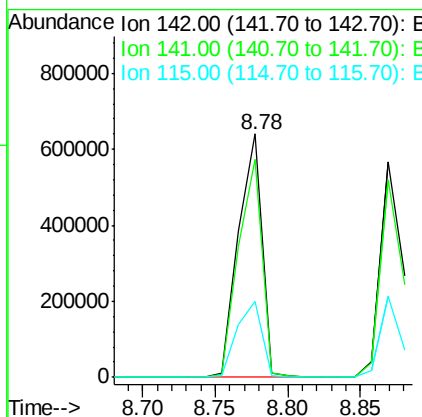
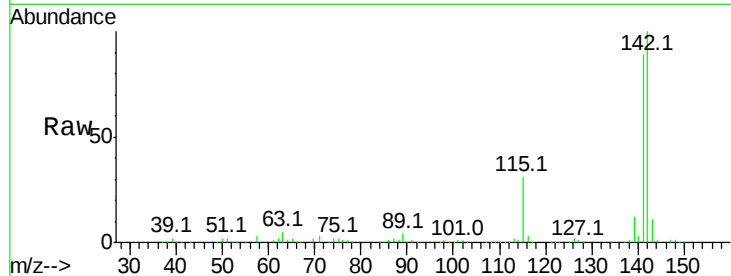
#37
2-Methylnaphthalene
Concen: 39.42 ng
RT: 8.78 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.4	105.6
115	31.3	24.6	37.0

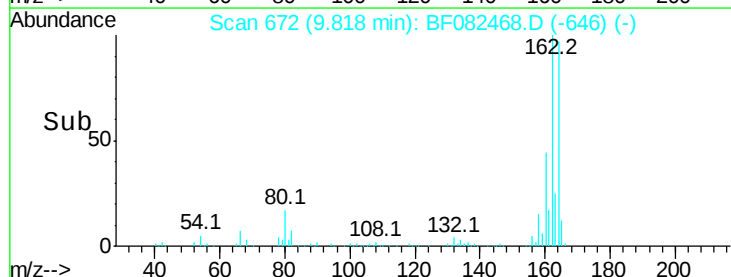
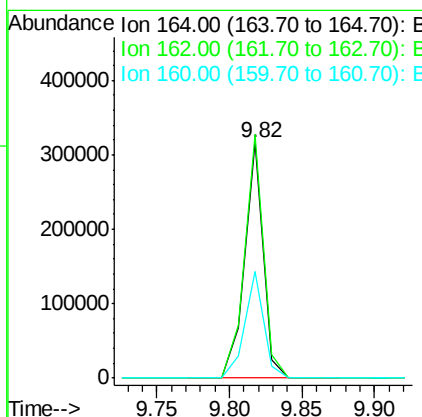
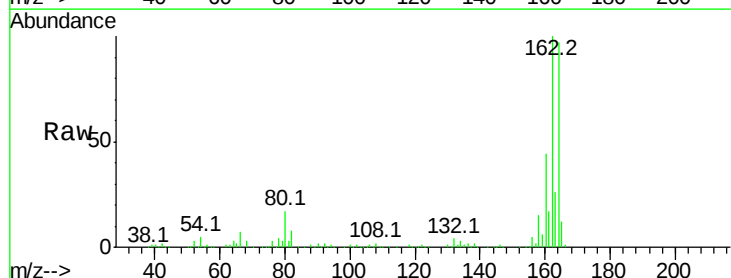
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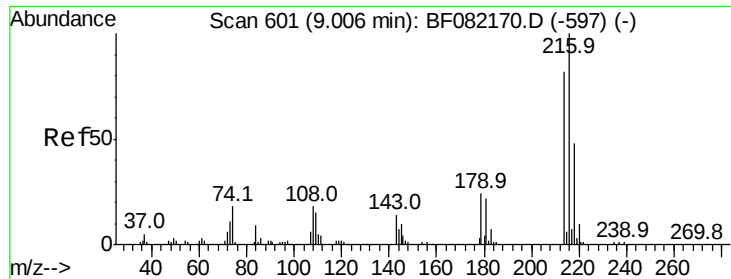
mmdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.6	122.4
160	45.2	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.82 ng

RT: 8.94 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF082468.D

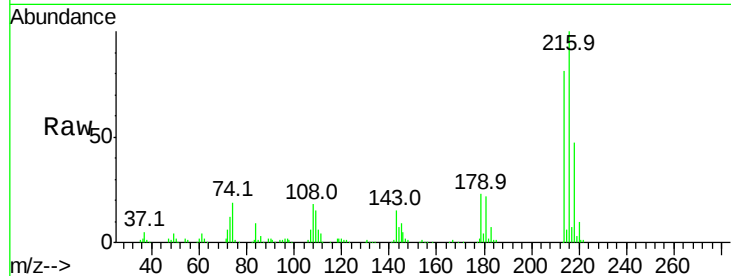
Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

ClientSampleId :

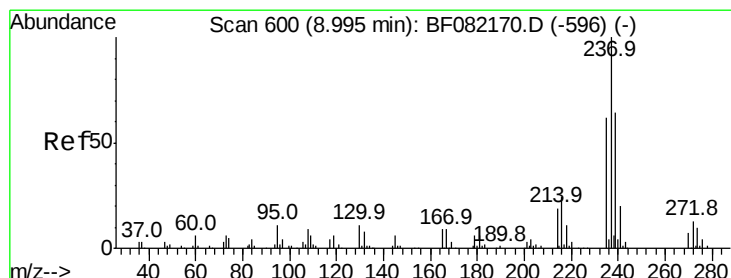
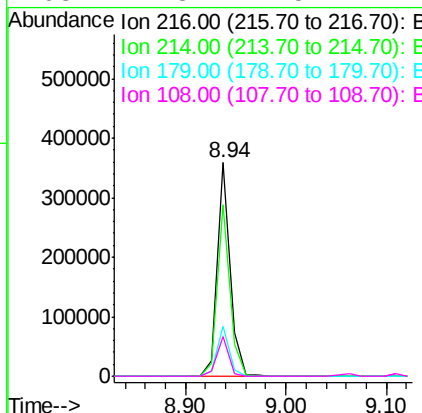
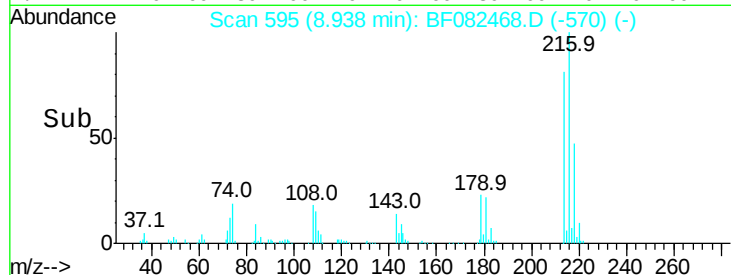
SSTDCCC040EC



Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6		64.6	97.0
179	22.2		17.6	26.4
108	17.3		14.5	21.7

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#40

Hexachlorocyclopentadiene

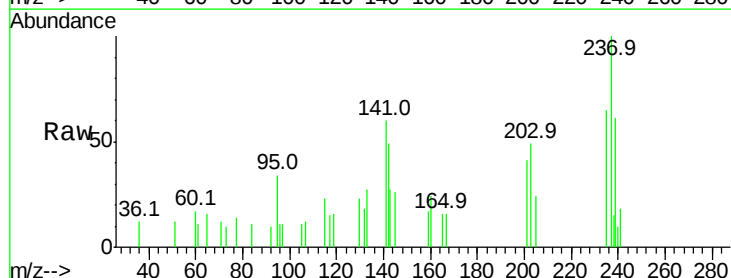
Concen: 9.02 ng

RT: 8.91 min Scan# 593

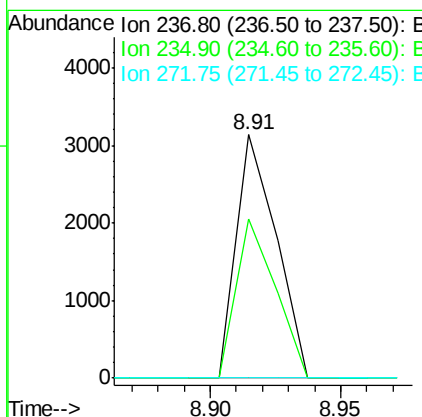
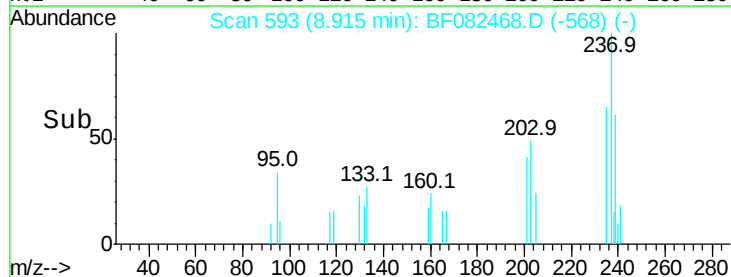
Delta R.T. -0.01 min

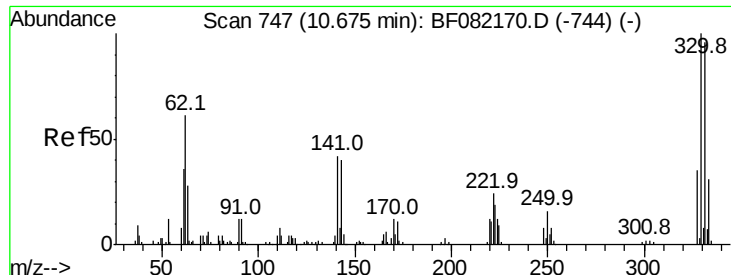
Lab File: BF082468.D

Acq: 23 Oct 2015 2:17



Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.2		41.7	81.7
272	0.0		0.0	32.8





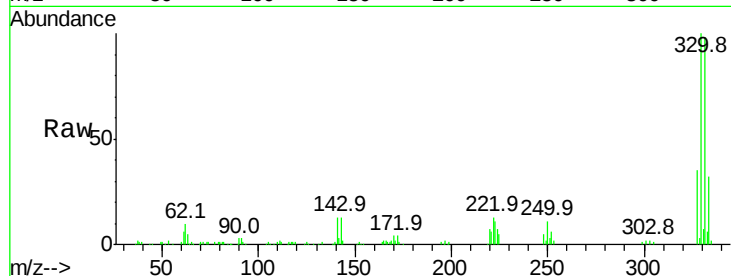
#41
 2,4,6-Tribromophenol
 Concen: 56.57 ng
 RT: 10.62 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

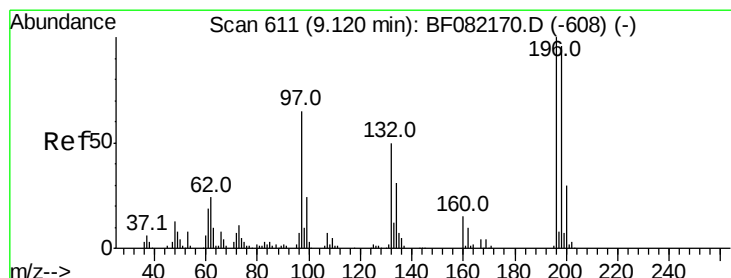
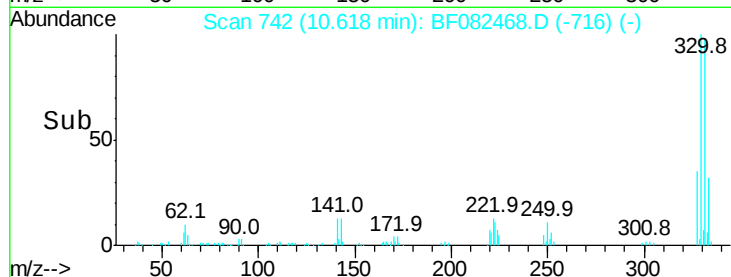
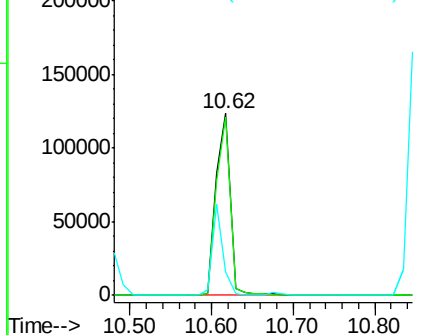
Tot Ion	Ratio	Resp	Lower	Upper
330	100	149760		
332	96.4	77.1	115.7	
141	38.8	29.8	44.8	

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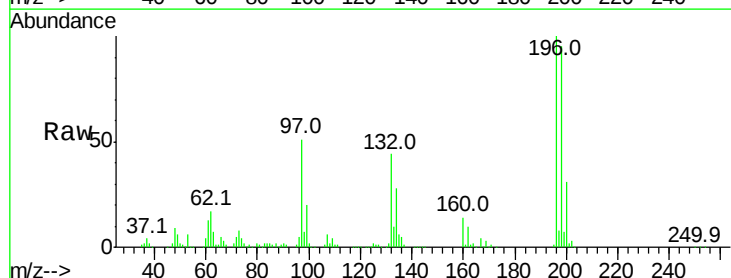


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

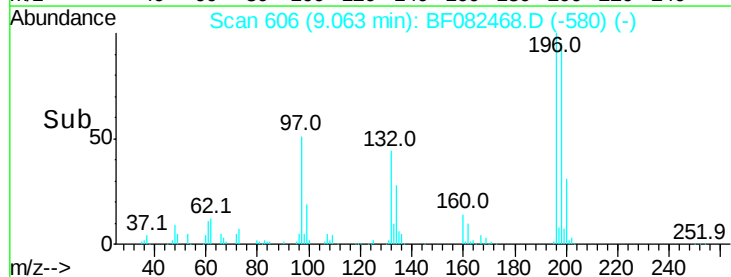
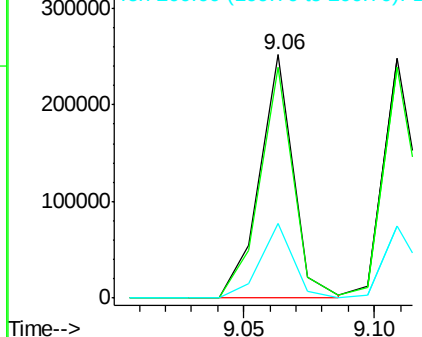


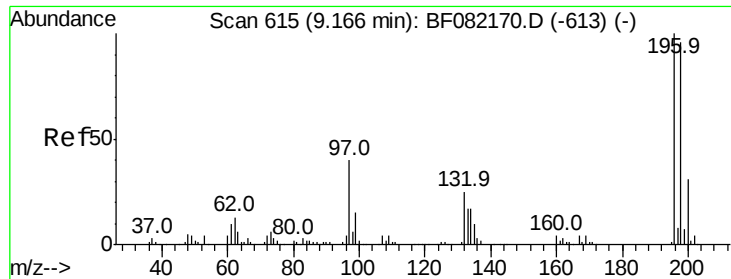
#42
 2,4,6-Trichlorophenol
 Concen: 40.92 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228218		
198	95.0	76.6	115.0	
200	30.7	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





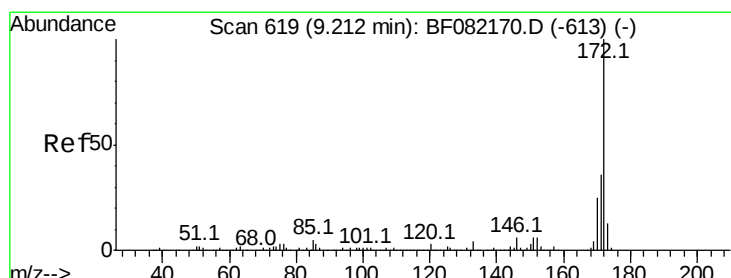
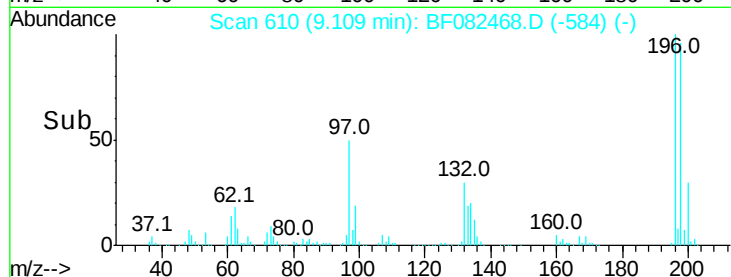
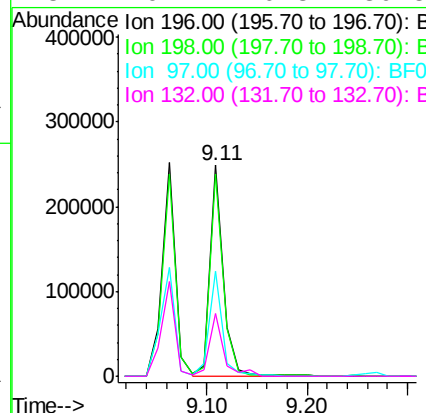
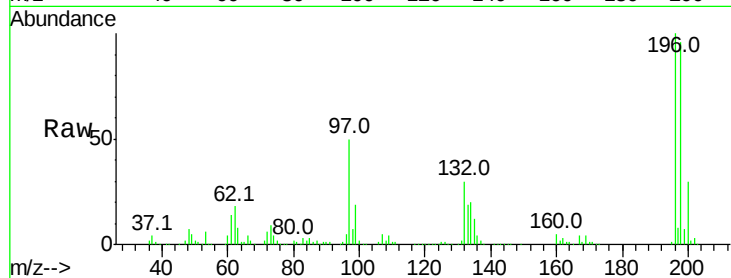
#43
 2,4,5-Trichlorophenol
 Concen: 37.88 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	228862		
198	96.0	77.0	115.4	
97	49.7	31.9	47.9#	
132	29.7	20.3	30.5	

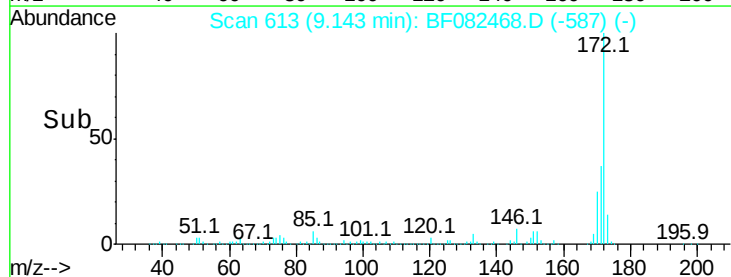
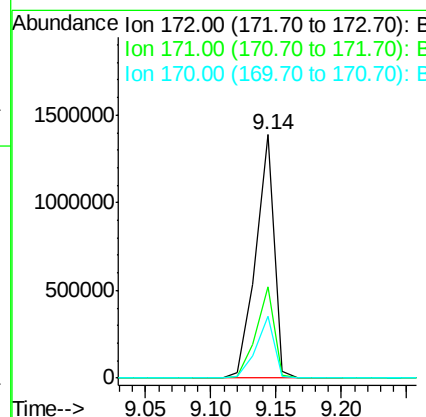
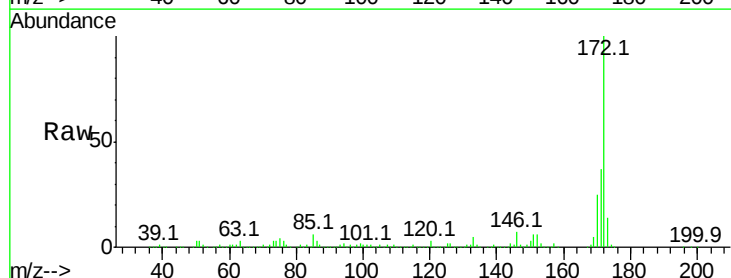
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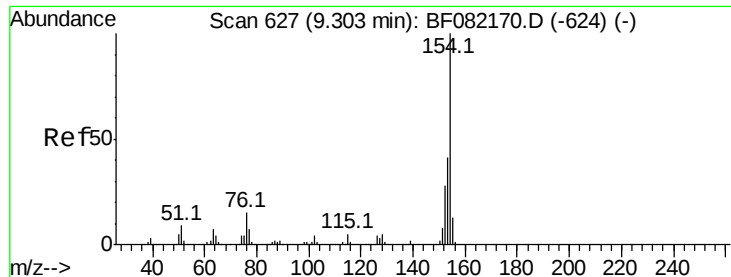
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#44
 2-Fluorobiphenyl
 Concen: 80.77 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1374879		
171	37.5	28.6	42.8	
170	25.4	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 40.74 ng

RT: 9.25 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

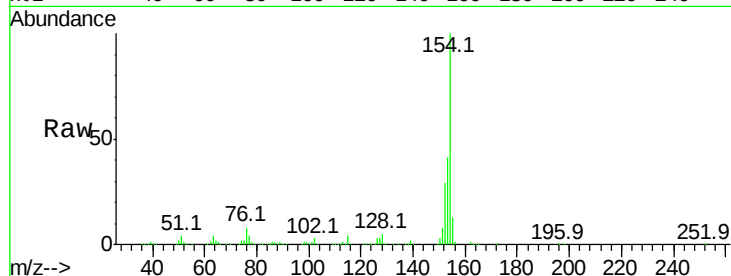
ClientSampleId :

SSTDCCC040EC

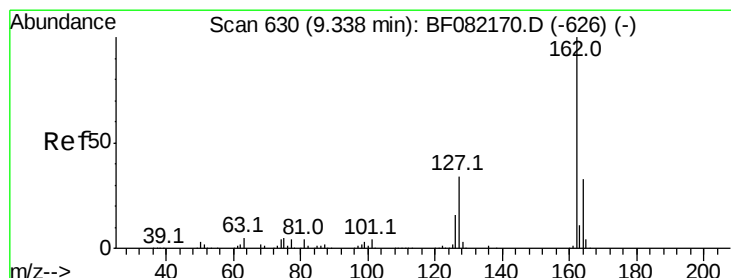
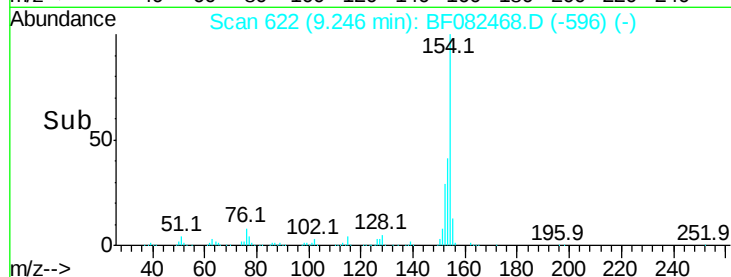
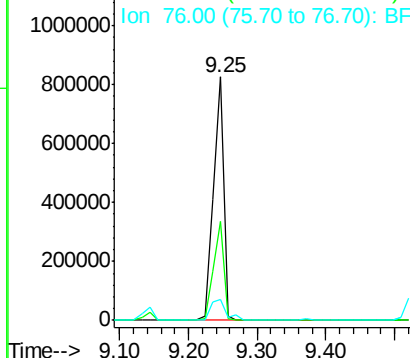
Tot Ion:	154	Resp:	877074
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.6	60.6
76	8.4	0.0	35.2

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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: 40.36 ng

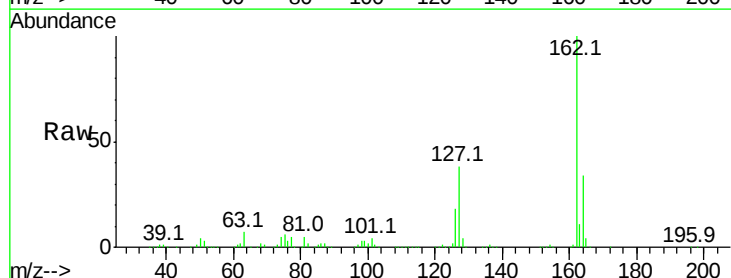
RT: 9.27 min Scan# 624

Delta R.T. -0.00 min

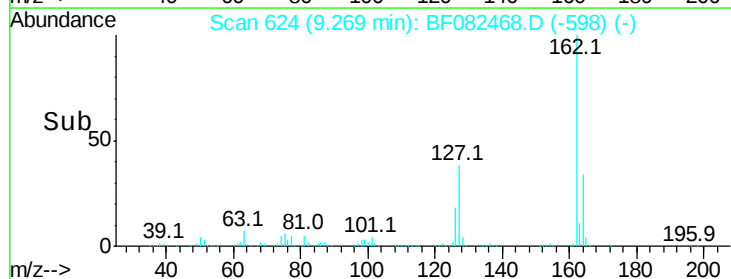
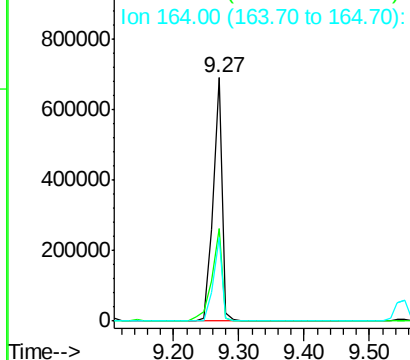
Lab File: BF082468.D

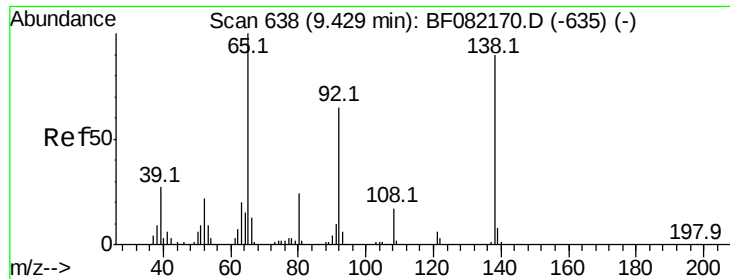
Acq: 23 Oct 2015 2:17

Tgt Ion:	162	Resp:	683870
Ion Ratio	Lower	Upper	
162	100		
127	37.8	27.5	41.3
164	34.1	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





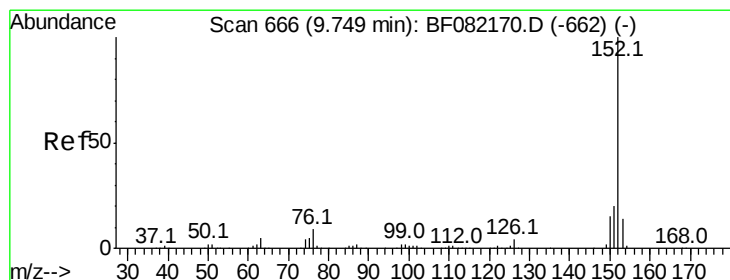
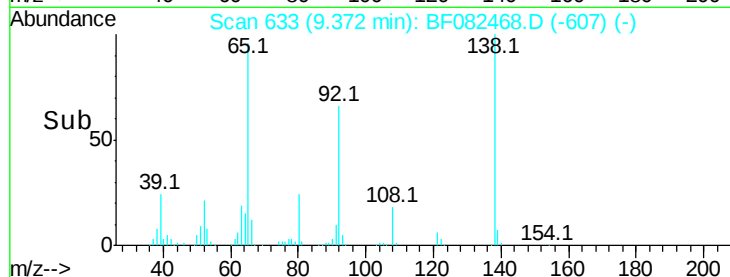
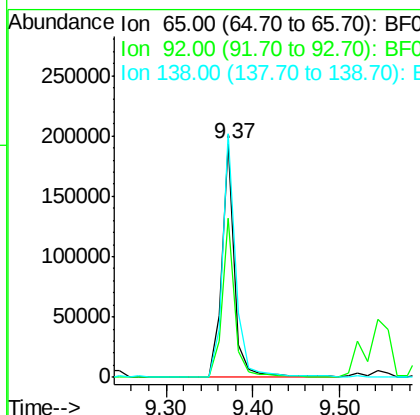
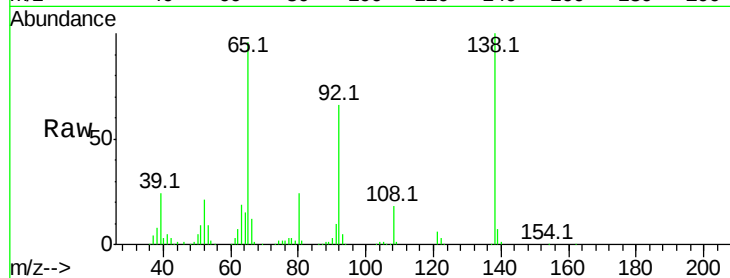
#47
2-Nitroaniline
Concen: 43.35 ng
RT: 9.37 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.3	52.3	78.5
138	104.2	72.2	108.4

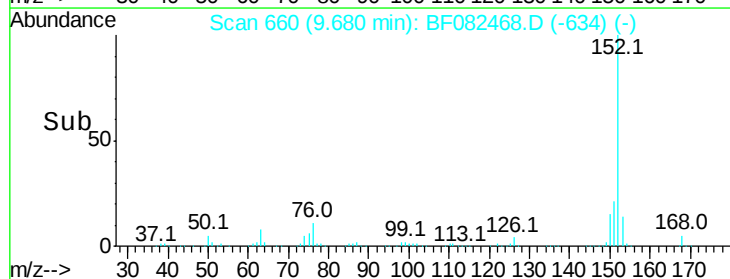
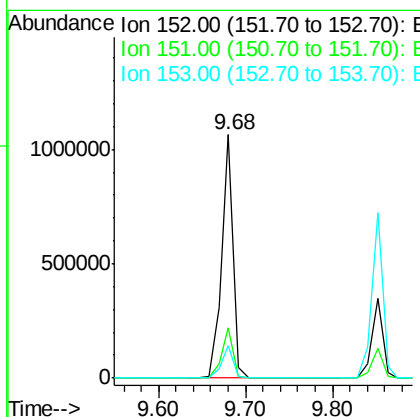
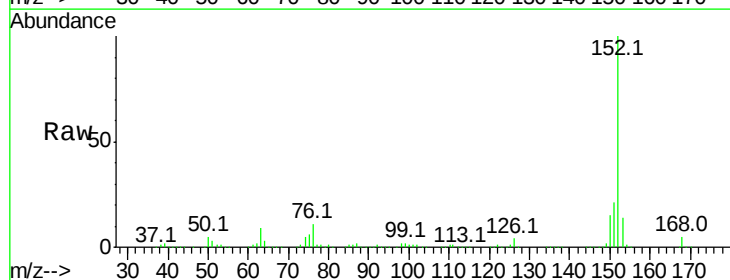
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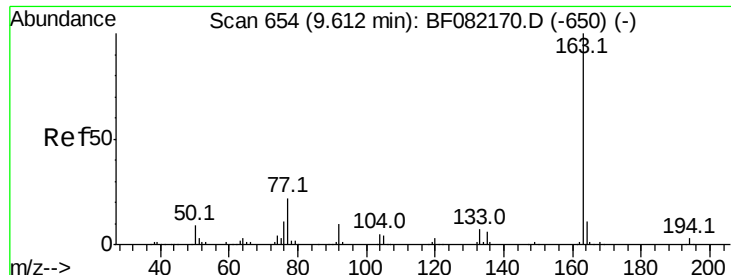
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#48
Acenaphthylene
Concen: 37.37 ng
RT: 9.68 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6
153	13.5	10.8	16.2





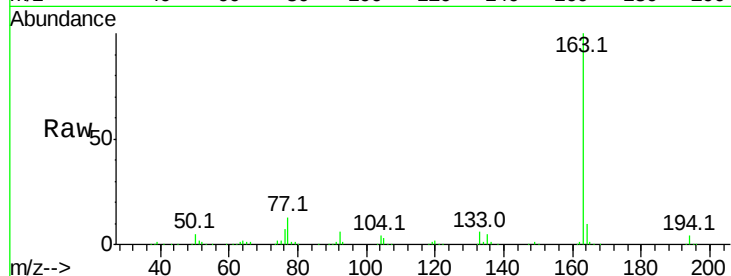
#49
Dimethylphthalate
Concen: 41.63 ng
RT: 9.55 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

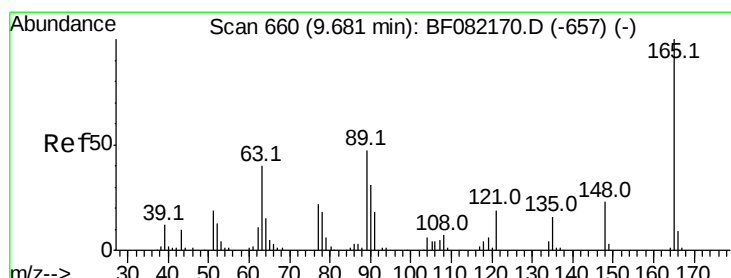
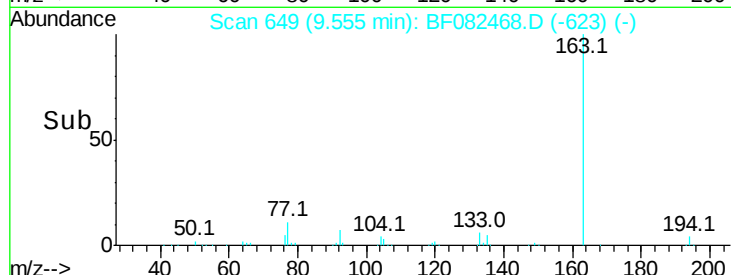
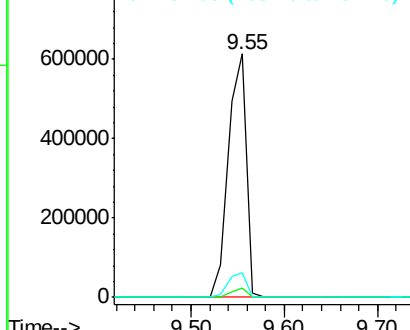
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.6	4.0	
164	9.9	8.5	12.7	

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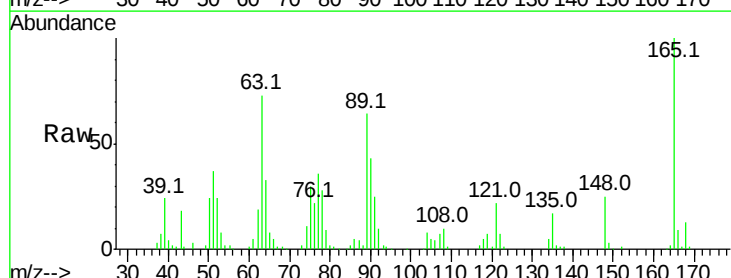


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

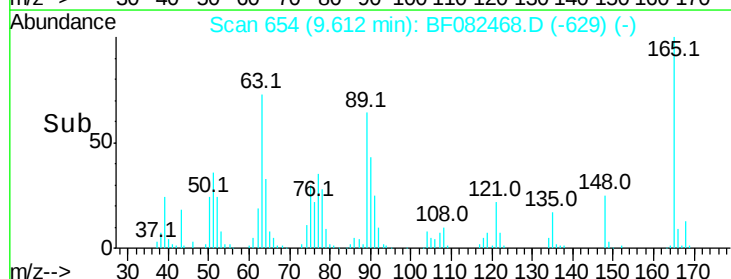
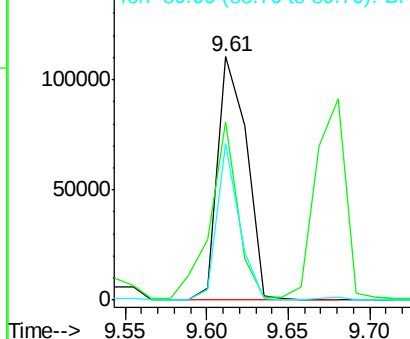


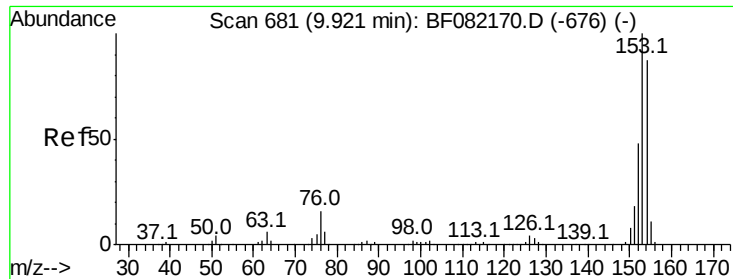
#50
2,6-Dinitrotoluene
Concen: 32.30 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	73.5	36.7	55.1#	
89	64.1	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: 34.87 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

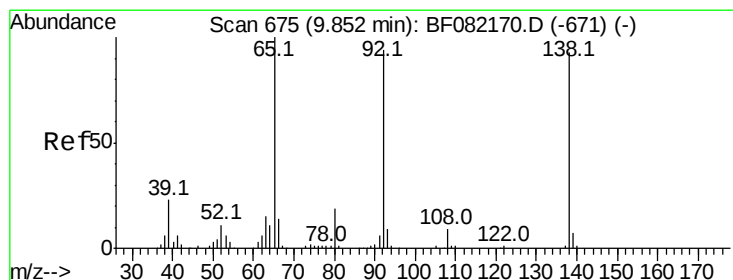
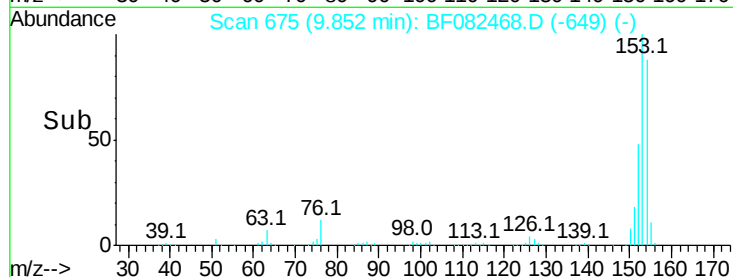
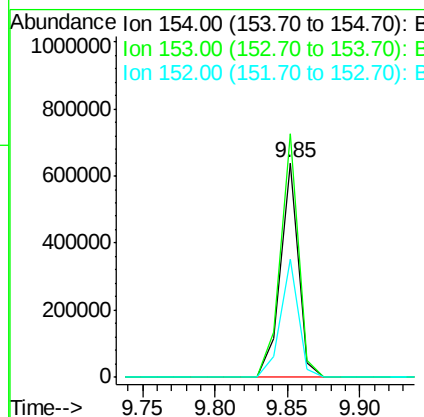
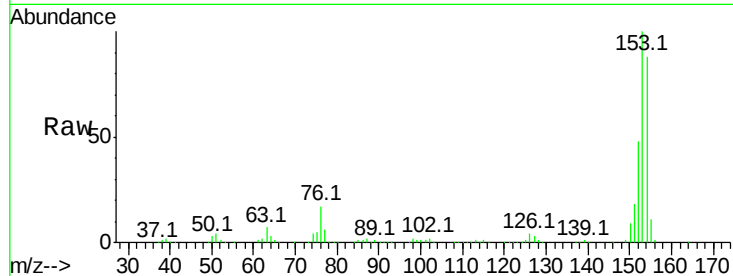
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	552659
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.4	137.2
152	54.8	44.3	66.5

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#52

3-Nitroaniline

Concen: 45.27 ng

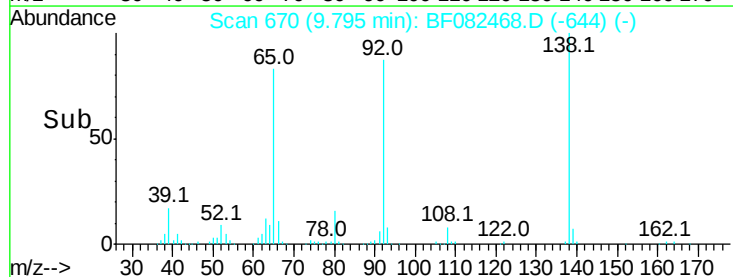
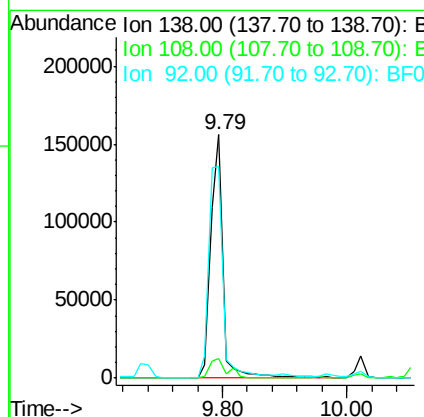
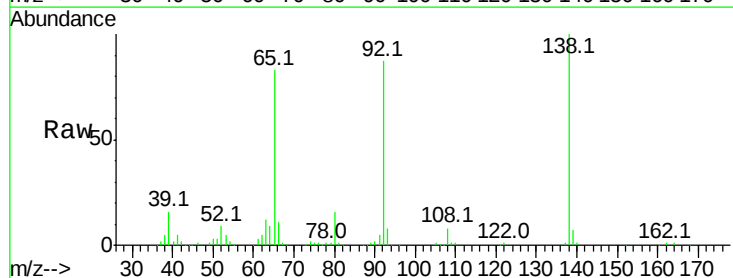
RT: 9.79 min Scan# 670

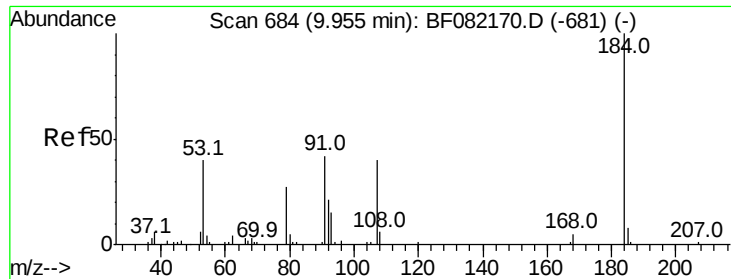
Delta R.T. -0.00 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion:	138	Resp:	214486
Ion Ratio	Lower	Upper	
138	100		
108	8.0	7.4	11.0
92	86.8	81.3	121.9





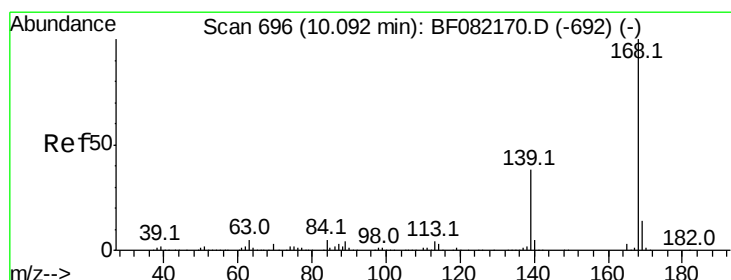
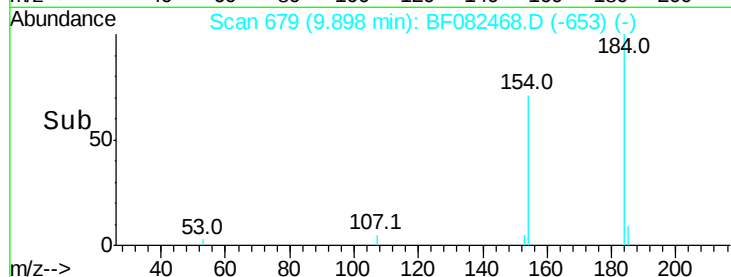
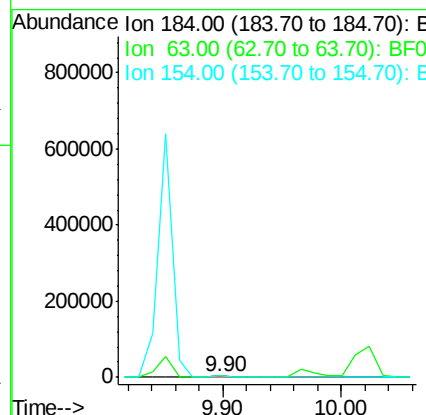
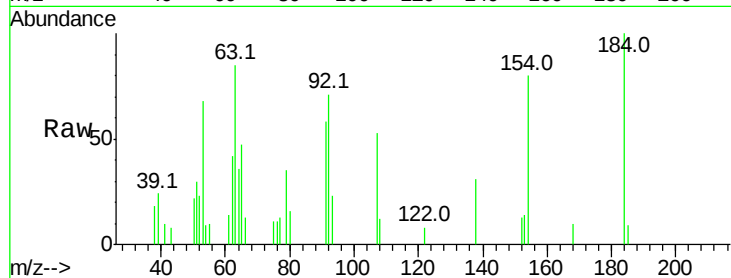
#53
2,4-Dinitrophenol
Concen: 9.42 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	84.9	45.1	67.7#
154	80.5	51.2	76.8#

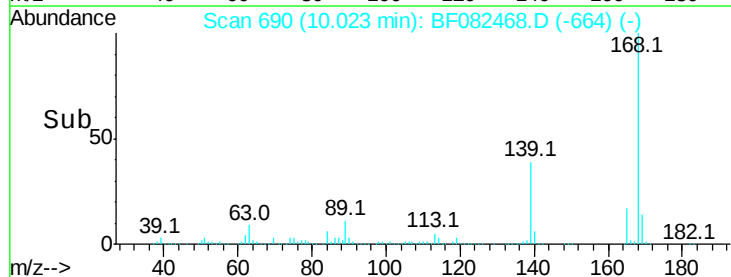
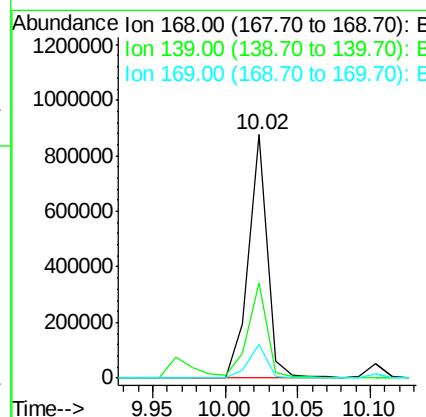
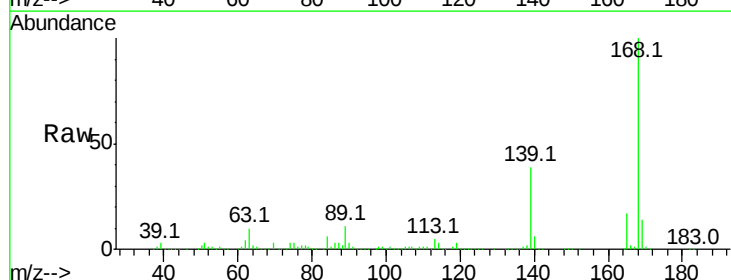
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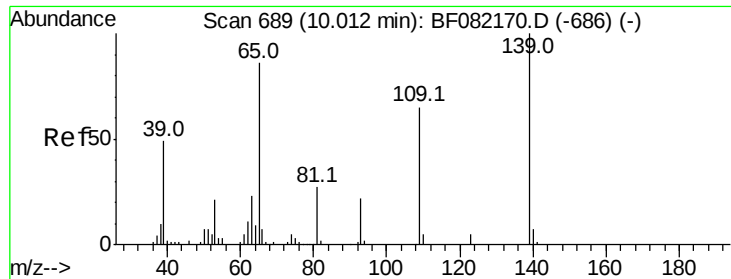
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#54
Dibenzofuran
Concen: 36.34 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.0	46.6
169	13.6	10.9	16.3





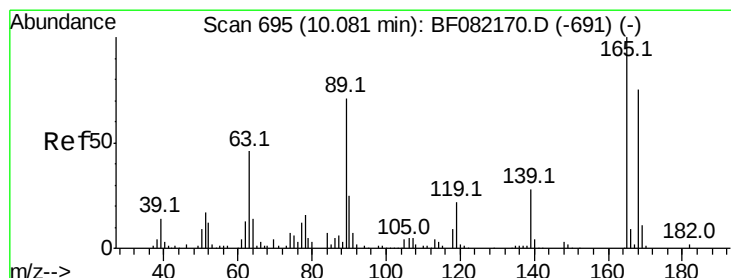
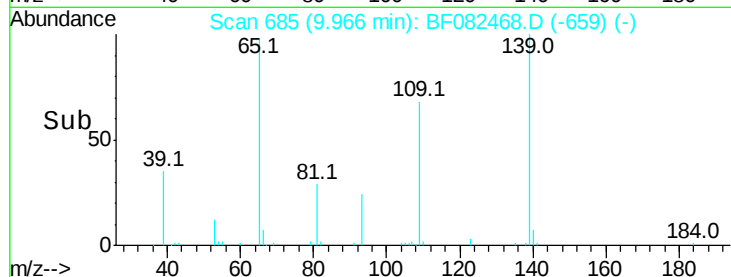
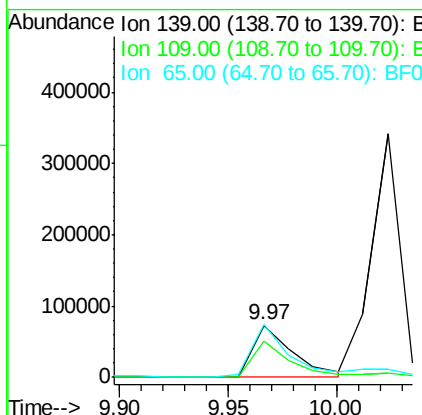
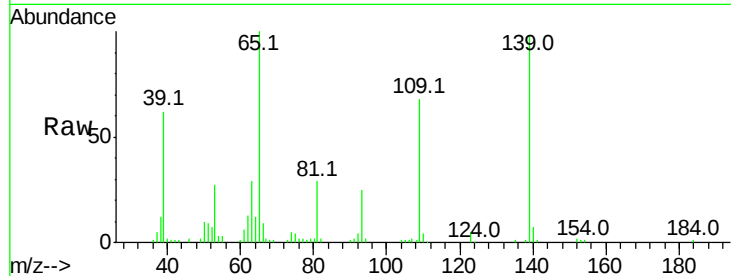
#55
4-Nitrophenol
Concen: 36.35 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.4	44.8	84.8
65	101.8	67.7	107.7

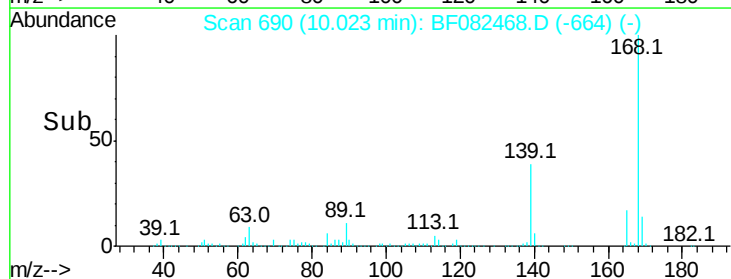
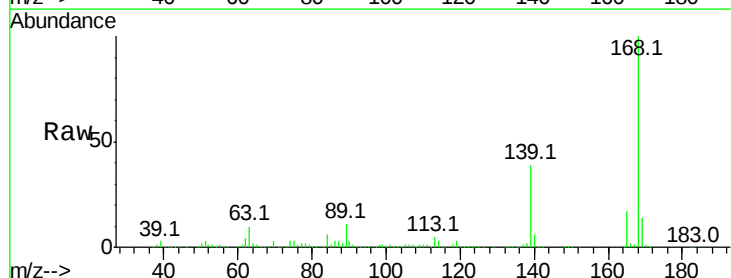
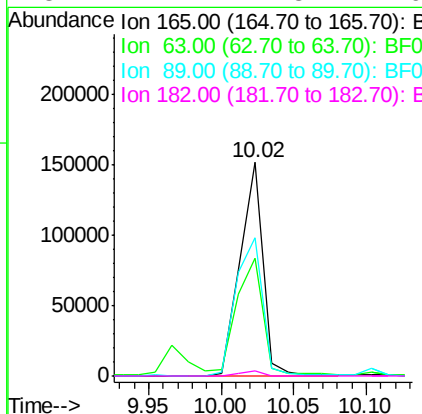
Manual Integrations
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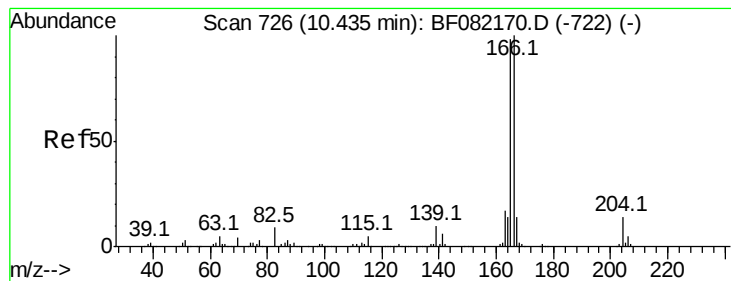
mmdadoda
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#56
2,4-Dinitrotoluene
Concen: 32.09 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.9	38.6	58.0
89	65.0	57.0	85.6
182	2.4	1.8	2.6





#57

Fluorene

Concen: 35.27 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 630233

Ion Ratio Lower Upper

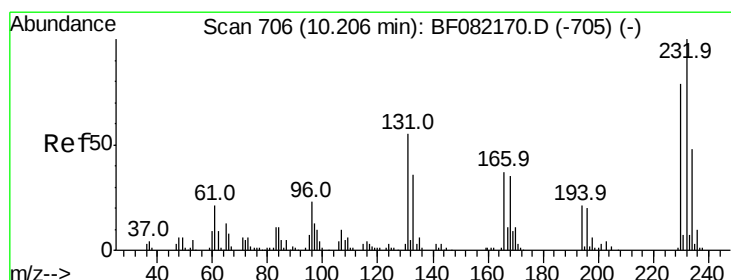
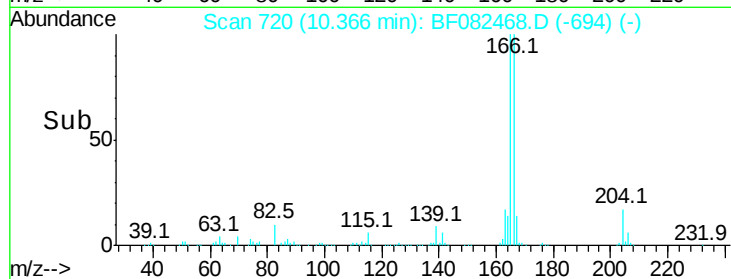
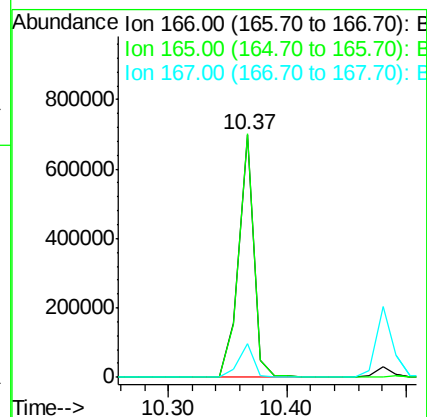
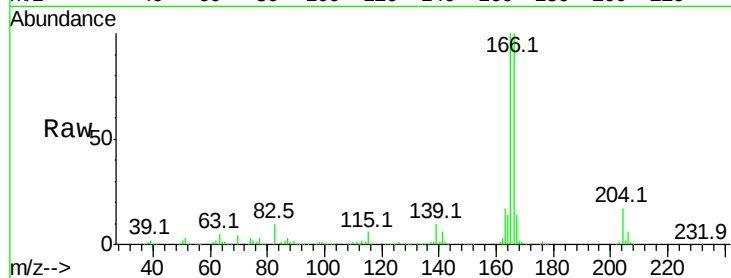
166 100

165 100.4 78.3 117.5

167 13.7 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 34.21 ng

RT: 10.15 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion:232 Resp: 168873

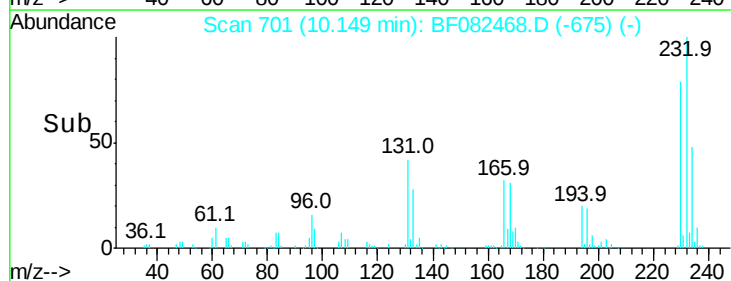
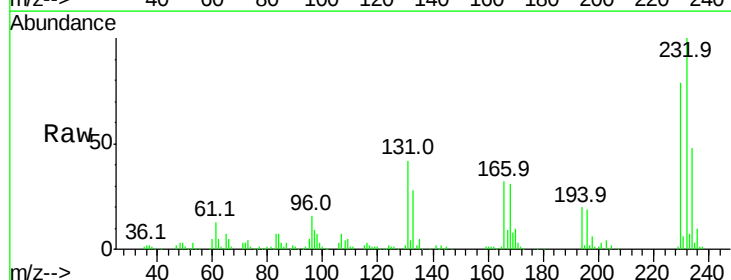
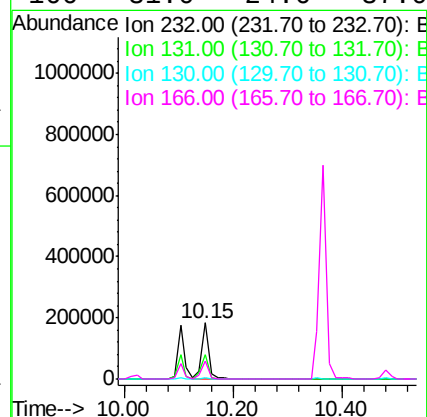
Ion Ratio Lower Upper

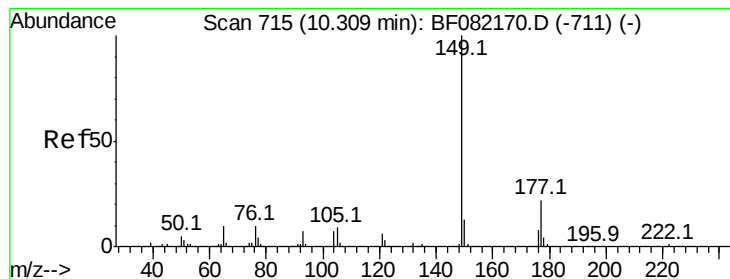
232 100

131 43.0 36.6 54.8

130 1.8 1.5 2.3

166 31.0 24.6 37.0





#59

Diethylphthalate

Concen: 39.91 ng

RT: 10.24 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

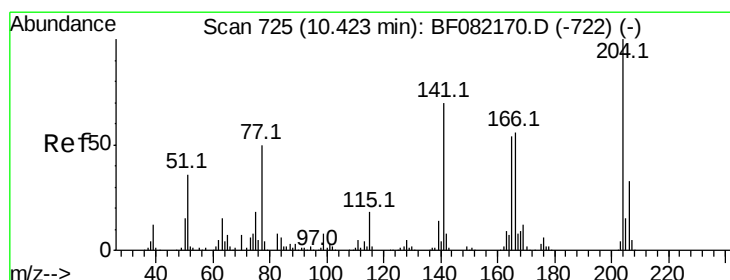
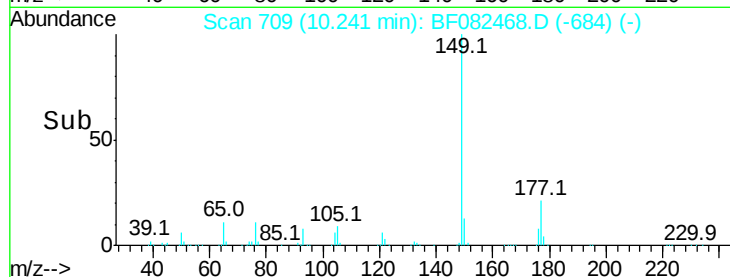
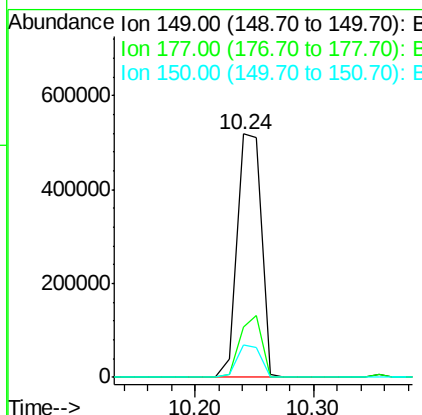
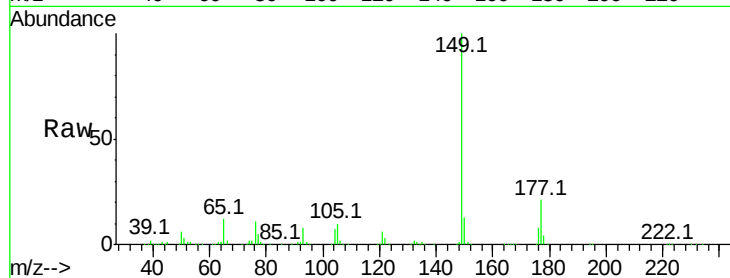
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	739512
Ion Ratio	Lower	Upper	
149	100		
177	20.6	17.6	26.4
150	13.1	10.3	15.5

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#60

4-Chlorophenyl-phenylether

Concen: 34.97 ng

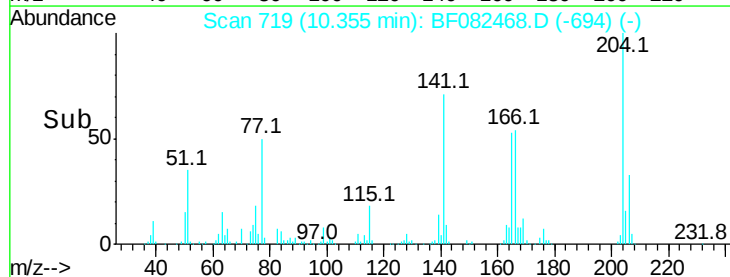
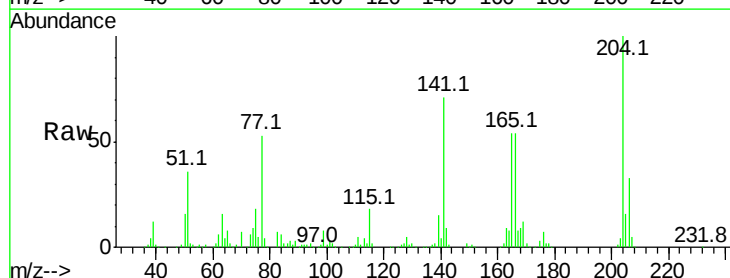
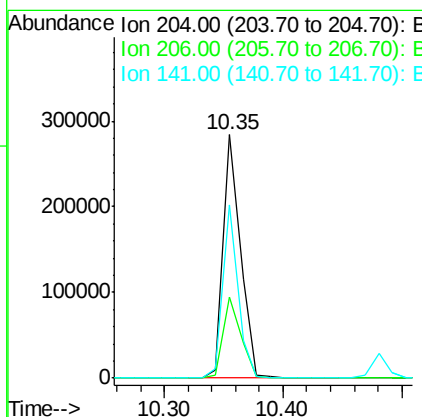
RT: 10.35 min Scan# 719

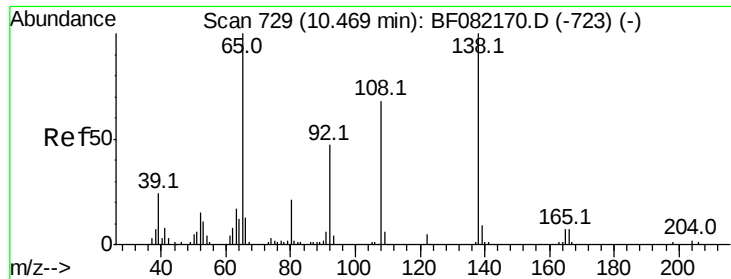
Delta R.T. -0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion:	204	Resp:	286234
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.8	40.2
141	71.4	56.1	84.1





#61

4-Nitroaniline

Concen: 45.35 ng

RT: 10.41 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

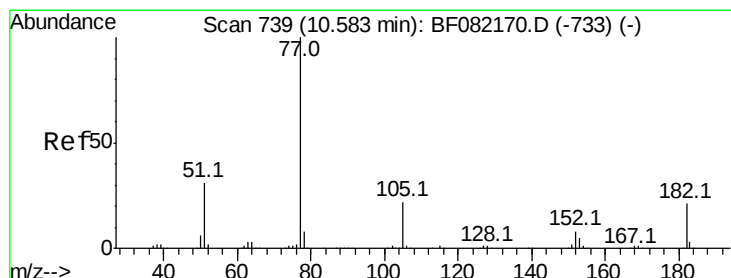
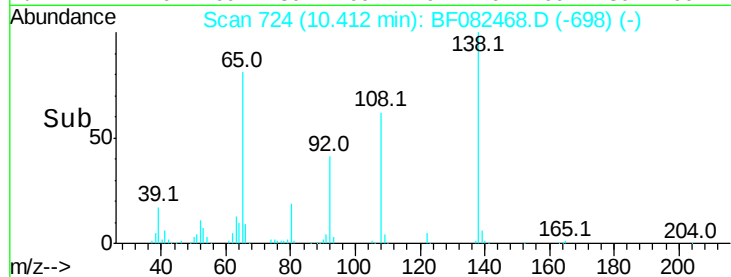
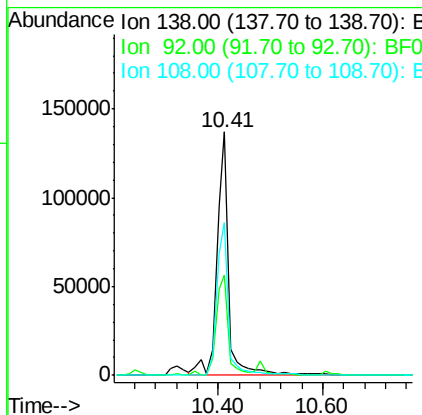
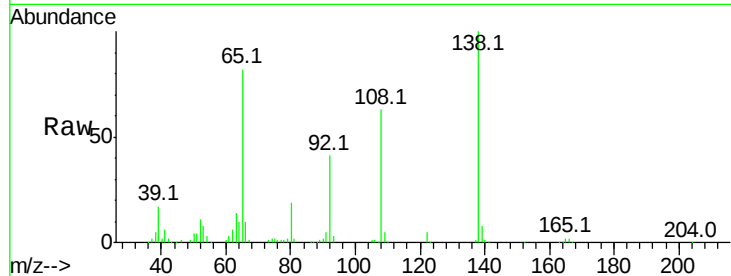
ClientSampleId :

SSTDCCC040EC

Tot Ion:	138	Resp:	208432
Ion Ratio	Lower	Upper	
138	100		
92	41.1	26.8	66.8
108	62.6	48.4	88.4

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#62

Azobenzene

Concen: 33.30 ng

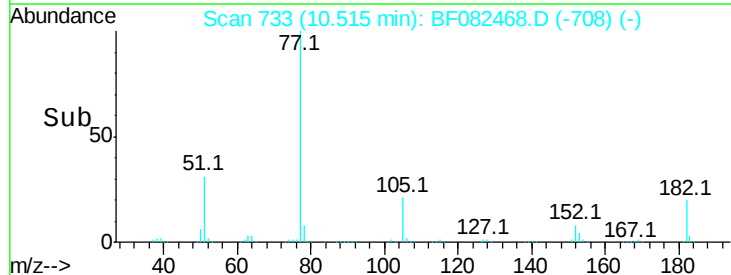
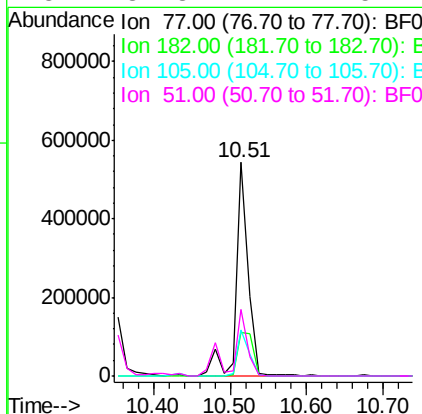
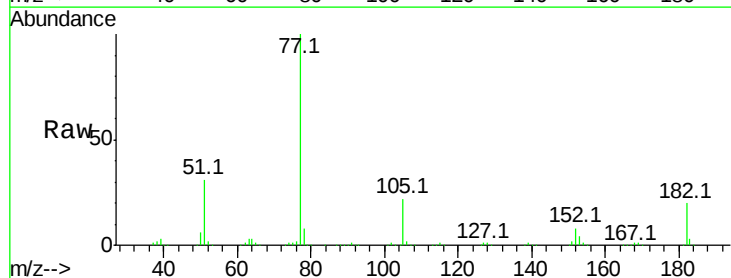
RT: 10.51 min Scan# 733

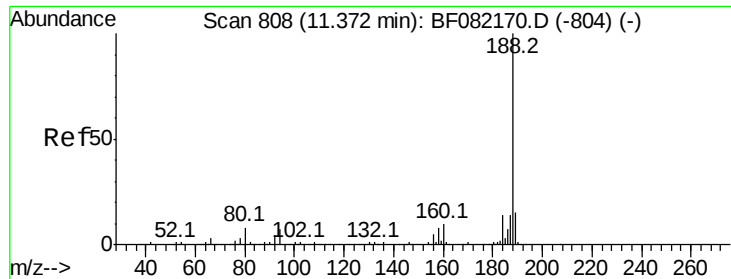
Delta R.T. -0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion:	77	Resp:	603821
Ion Ratio	Lower	Upper	
77	100		
182	20.2	0.5	40.5
105	21.6	1.8	41.8
51	31.3	11.2	51.2





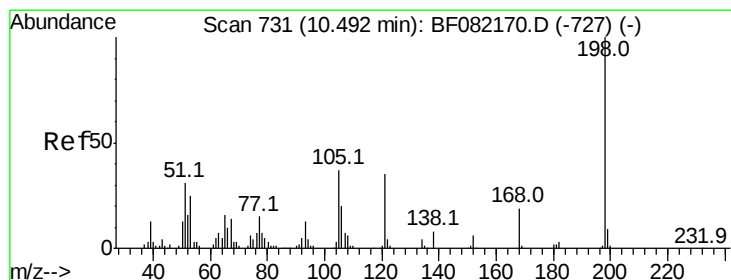
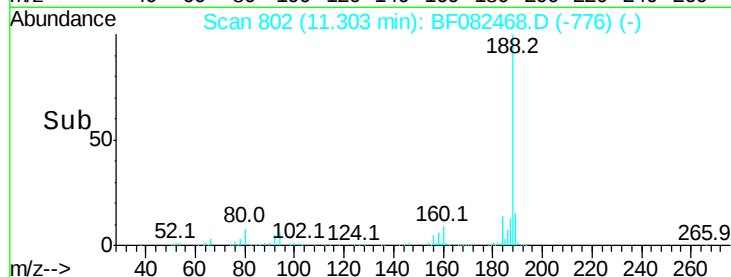
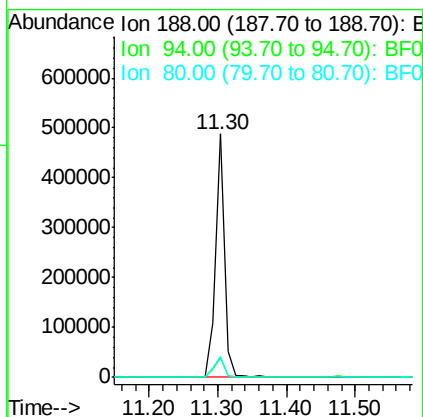
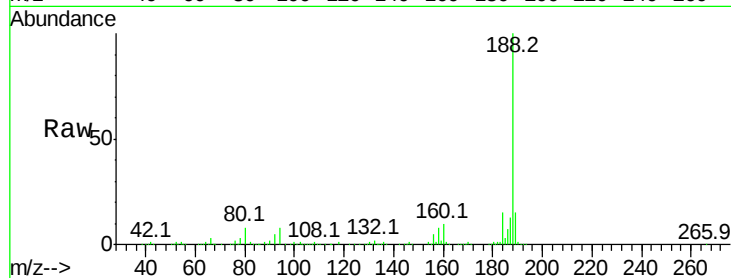
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	5.8	8.6
80	8.4	6.4	9.6

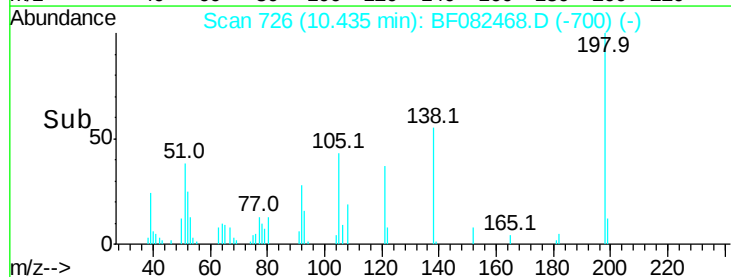
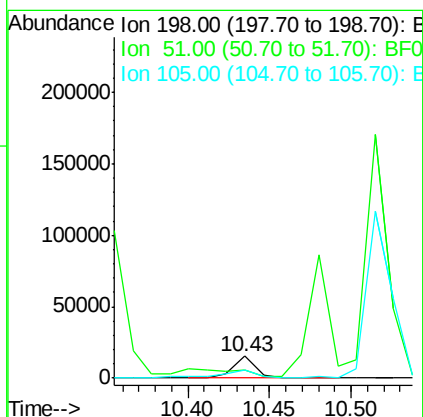
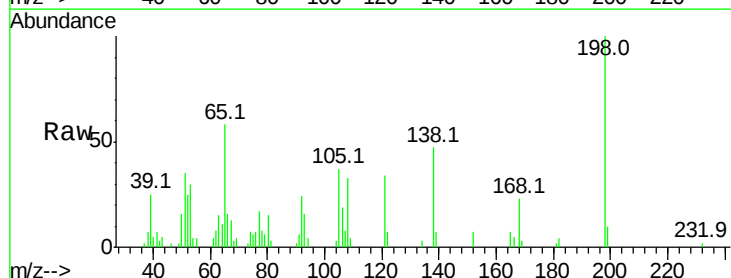
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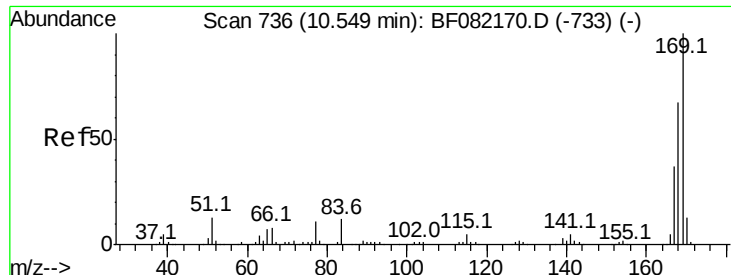
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#64
4,6-Dinitro-2-methylphenol
Concen: 5.74 ng
RT: 10.43 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	35.3	13.6	53.6
105	36.9	17.1	57.1





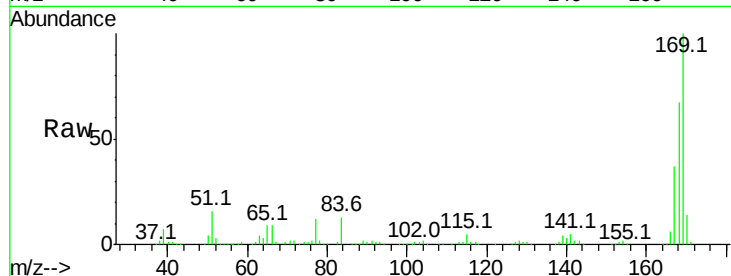
#65
 n-Nitrosodiphenylamine
 Concen: 39.36 ng
 RT: 10.48 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

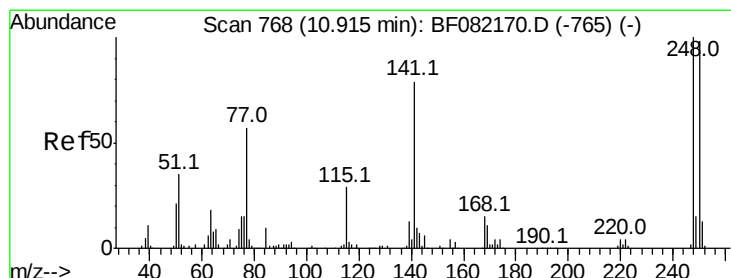
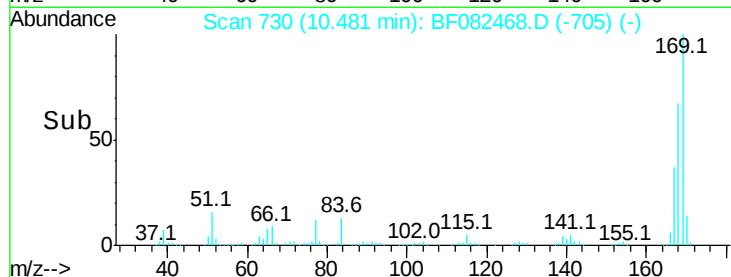
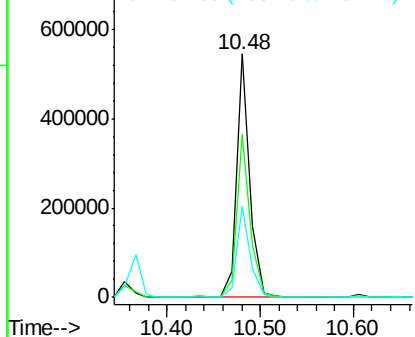
Tot Ion	Ratio	Resp	Lower	Upper
169	100	538772		
168	67.0		54.0	81.0
167	37.4		29.6	44.4

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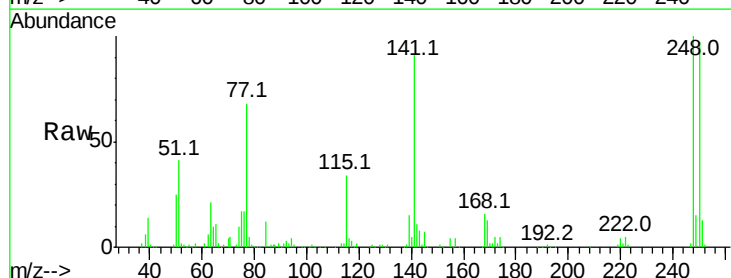


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

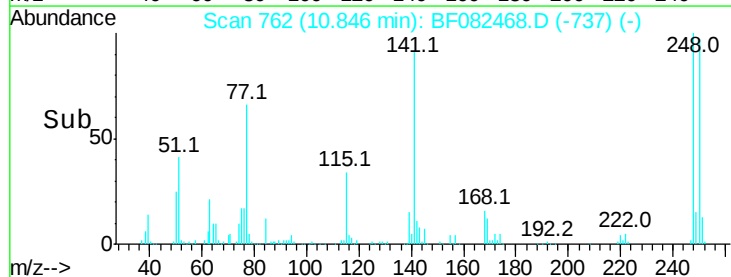
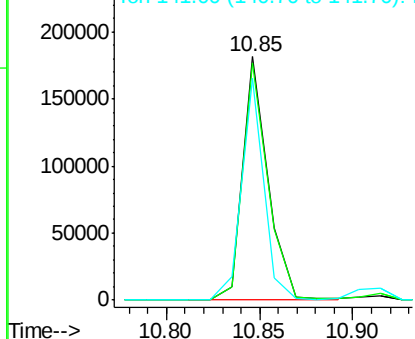


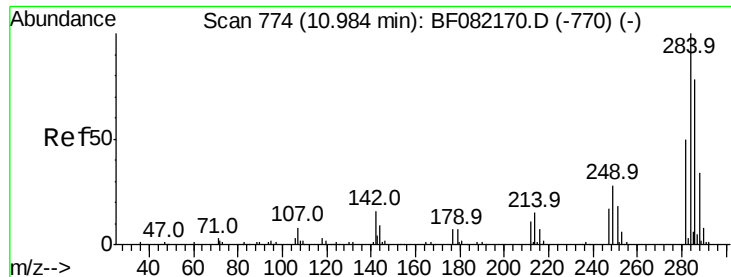
#66
 4-Bromophenyl-phenylether
 Concen: 37.43 ng
 RT: 10.85 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	171225		
250	97.4		78.6	117.8
141	91.1		63.3	94.9



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





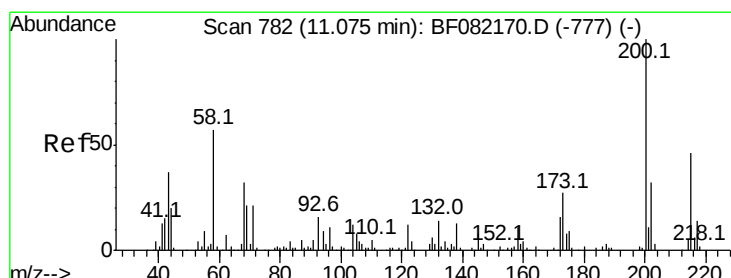
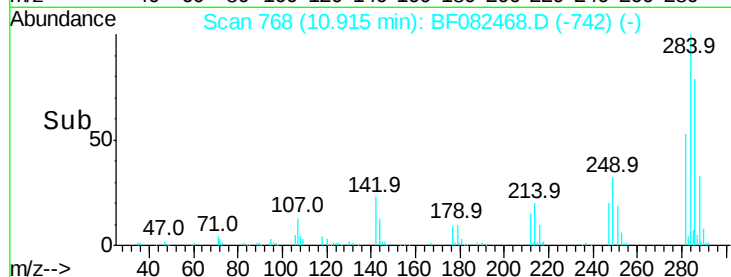
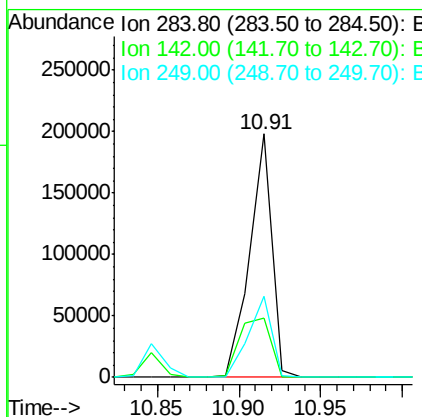
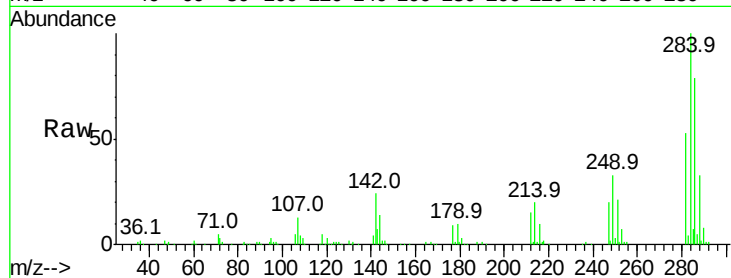
#67
Hexachlorobenzene
Concen: 37.95 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	24.2	13.0	19.6#
249	33.1	22.5	33.7

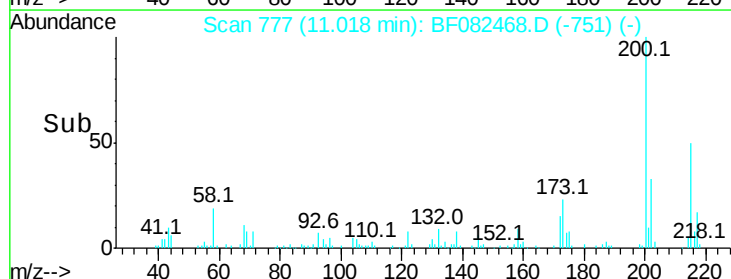
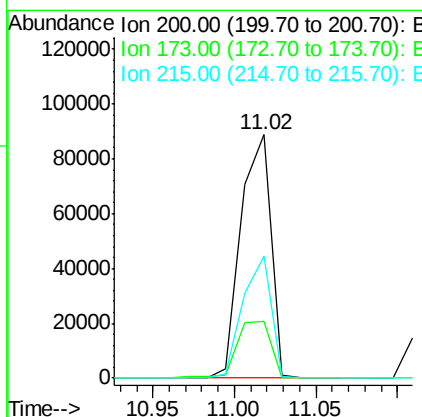
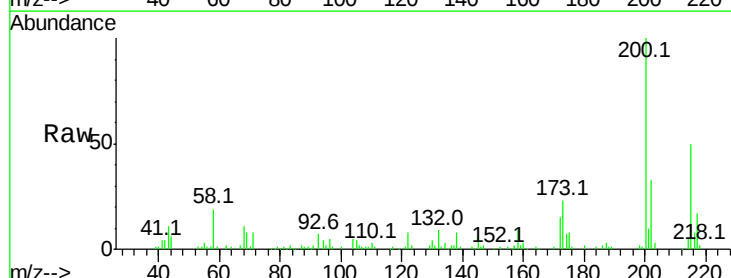
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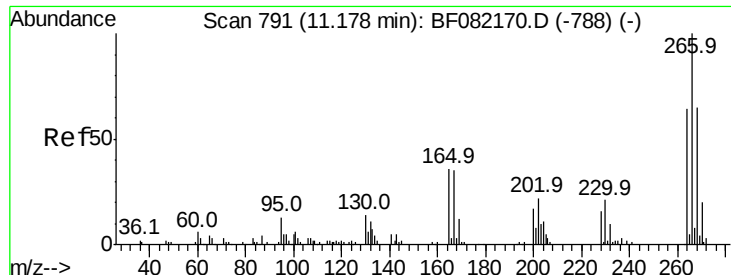
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#68
Atrazine
Concen: 25.96 ng
RT: 11.02 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.2	7.3	47.3
215	50.2	26.2	66.2





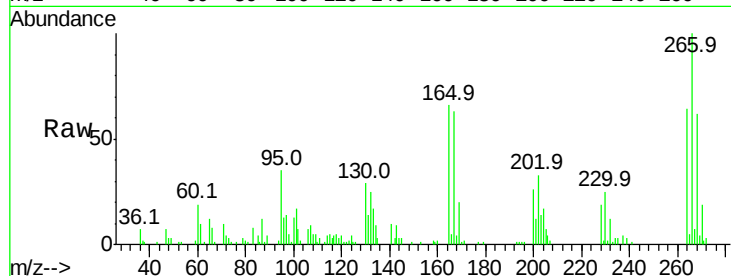
#69
 Pentachlorophenol
 Concen: 36.10 ng
 RT: 11.11 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

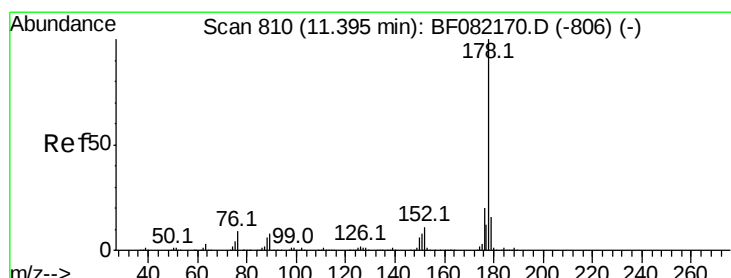
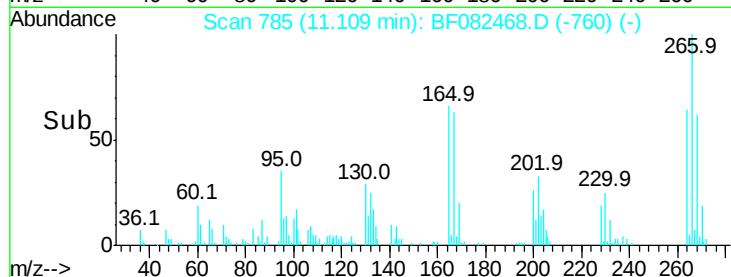
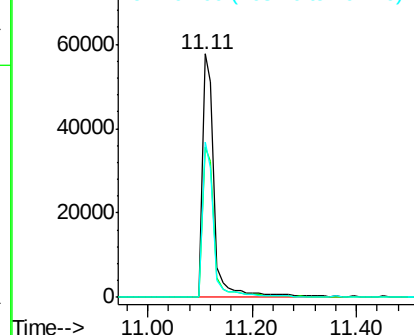
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.8	52.0	78.0	
264	63.9	51.4	77.0	

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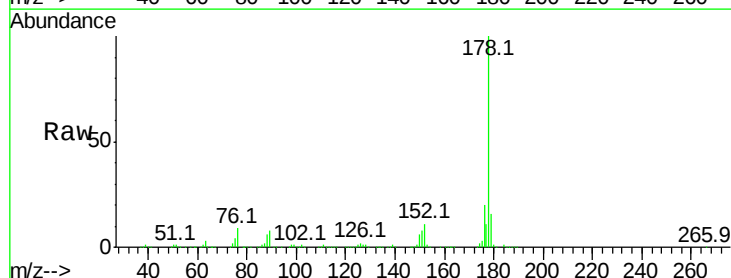


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

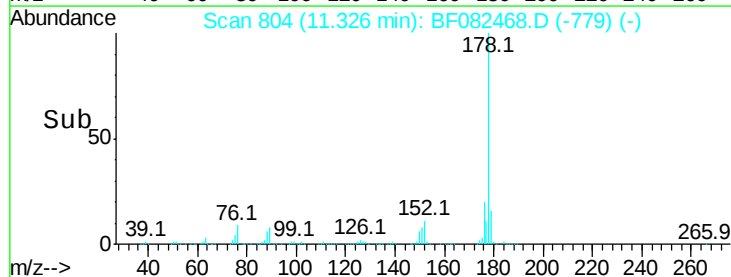
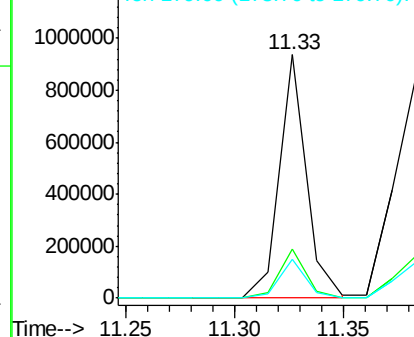


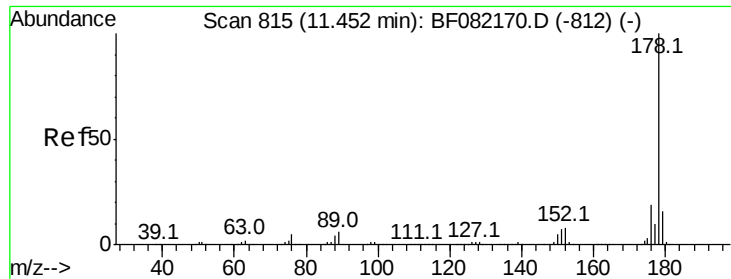
#70
 Phenanthrene
 Concen: 36.52 ng
 RT: 11.33 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.0	16.0	24.0	
179	16.0	12.6	19.0	



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





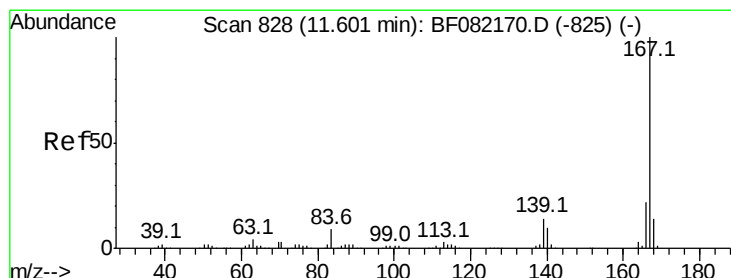
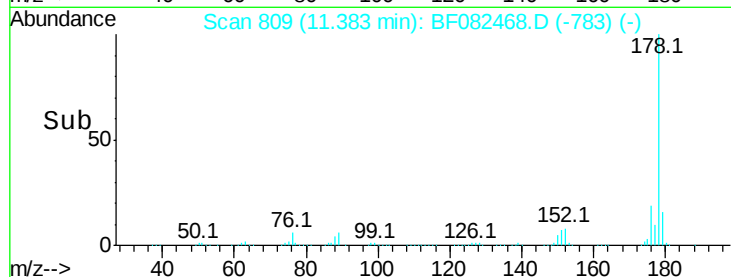
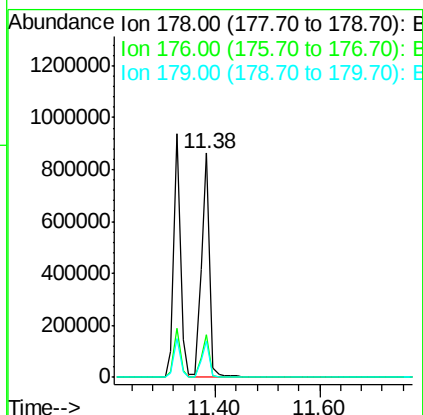
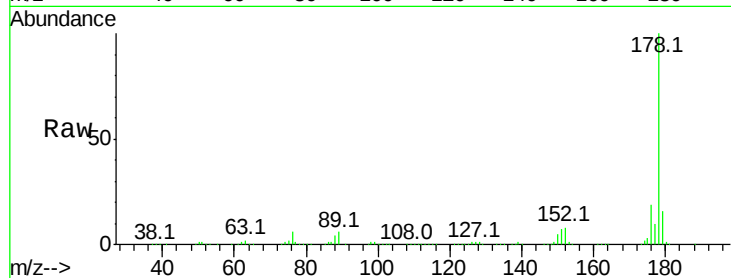
#71
 Anthracene
 Concen: 40.69 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	16.1	12.5	18.7

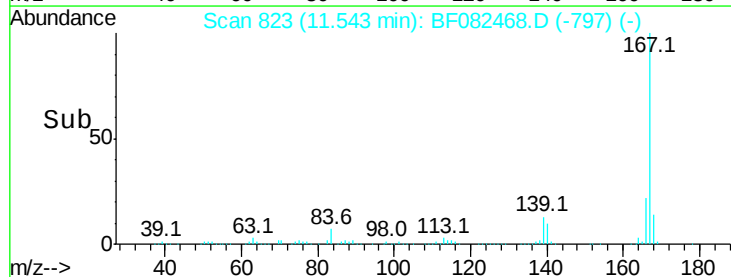
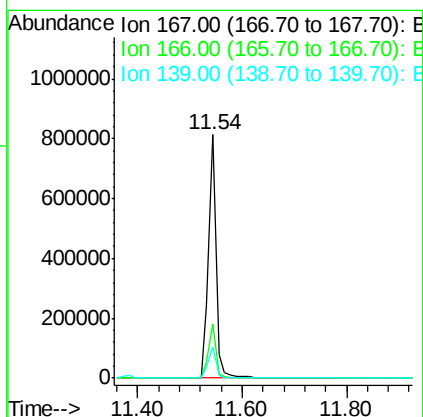
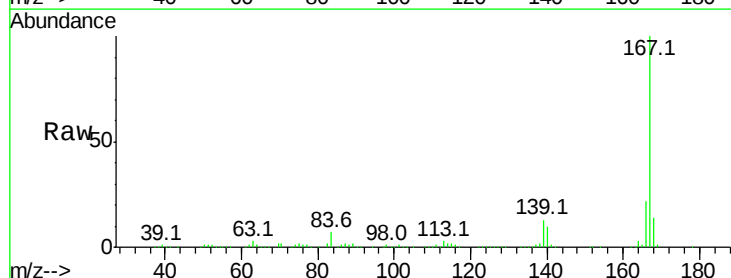
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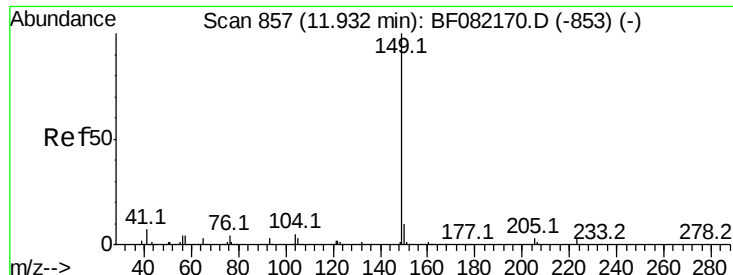
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#72
 Carbazole
 Concen: 39.06 ng
 RT: 11.54 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.3	25.9
139	12.9	11.2	16.8





#73

Di-n-butylphthalate

Concen: 38.24 ng

RT: 11.86 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

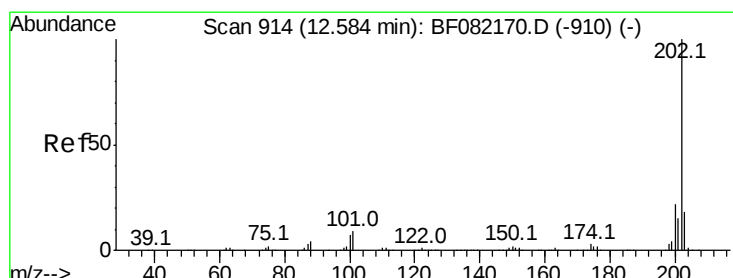
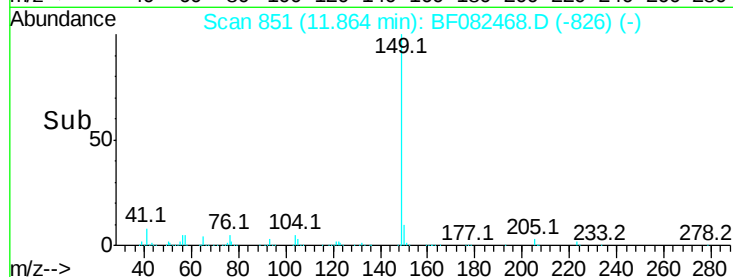
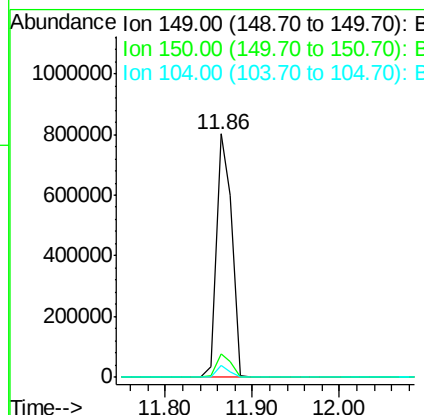
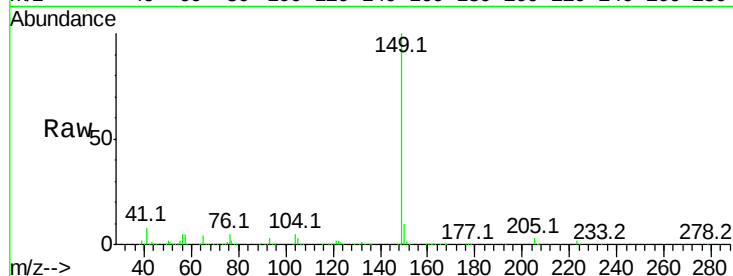
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	993734
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.1	3.8	5.8

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#74

Fluoranthene

Concen: 35.29 ng

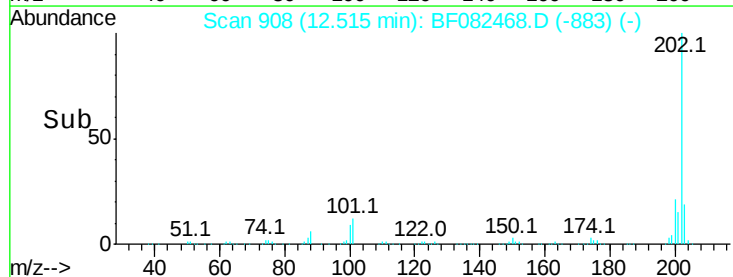
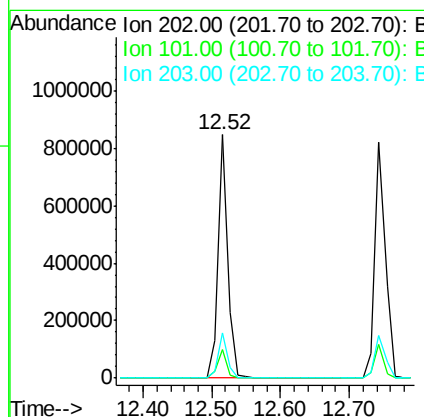
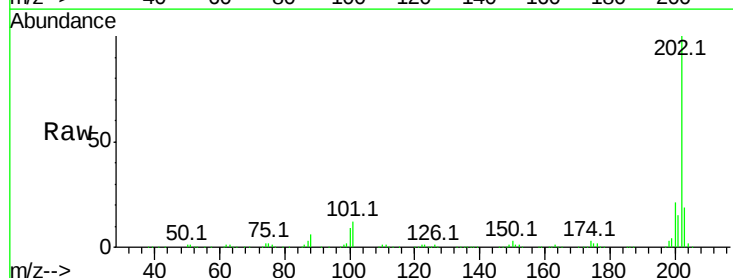
RT: 12.52 min Scan# 908

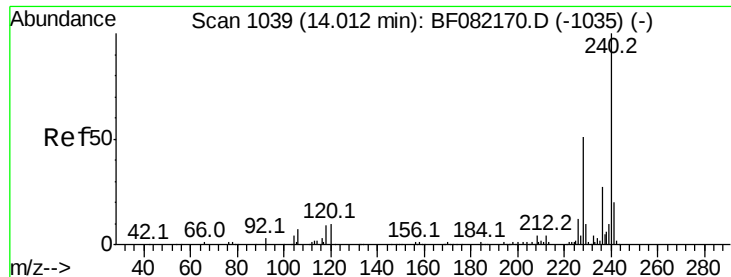
Delta R.T. -0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion:	202	Resp:	849319
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	29.3
203	18.6	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

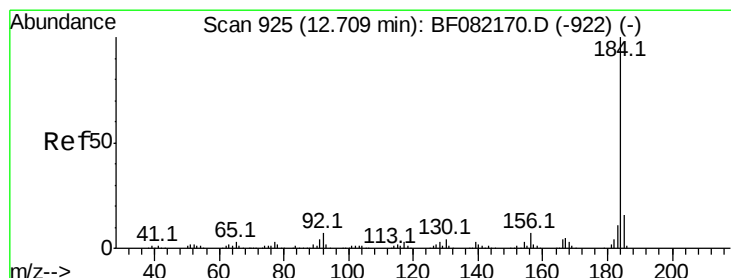
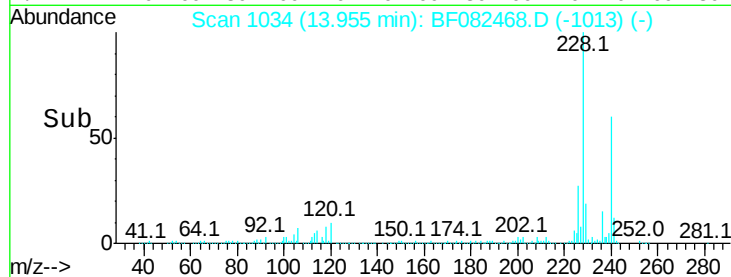
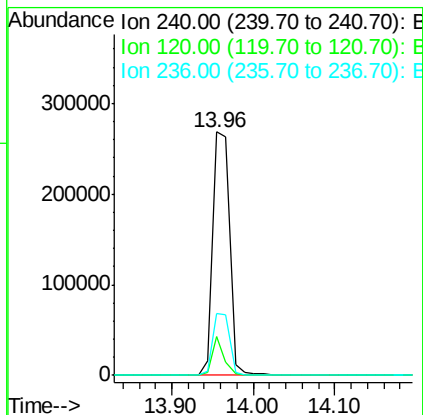
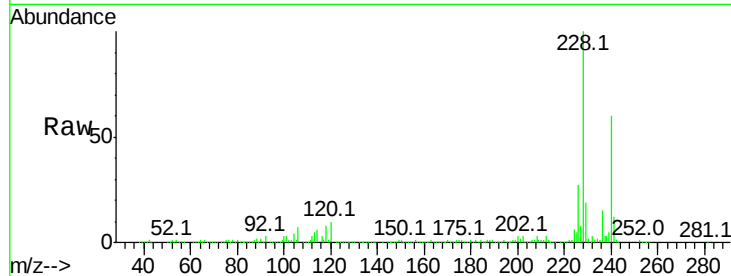
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	8.1	12.1#
236	25.4	21.3	31.9

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#76

Benzidine

Concen: 46.22 ng

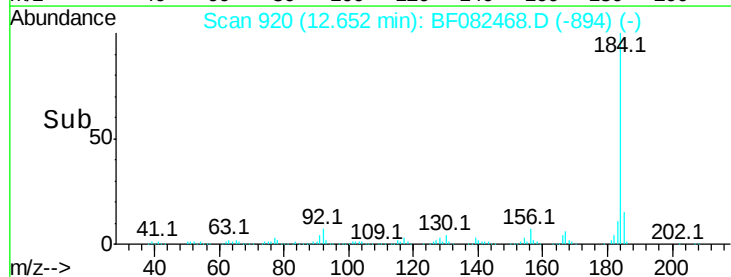
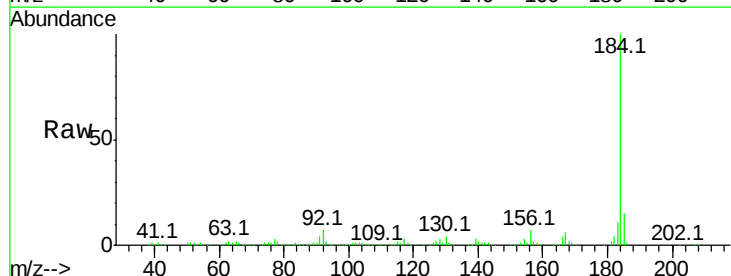
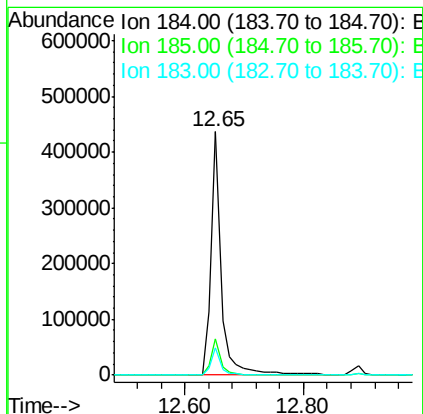
RT: 12.65 min Scan# 920

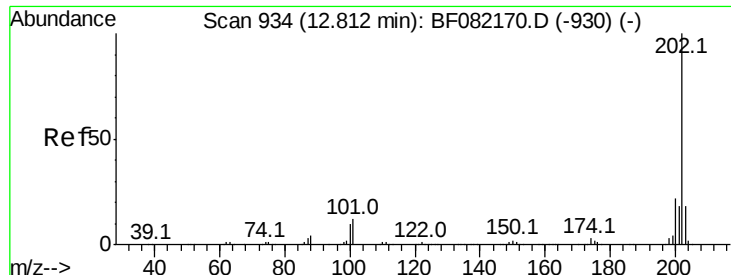
Delta R.T. -0.00 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.5	18.7
183	11.4	9.1	13.7





#77

Pvrene

Concen: 36.69 ng

RT: 12.74 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

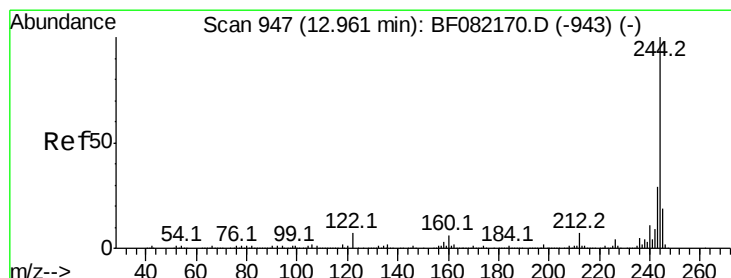
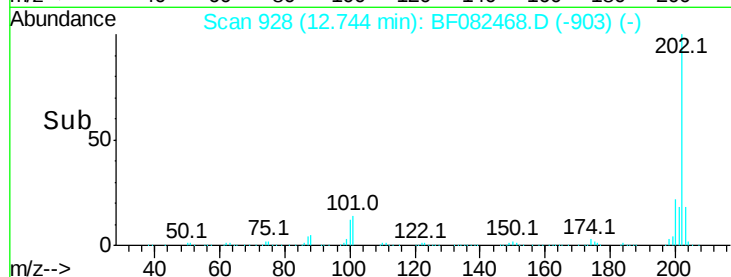
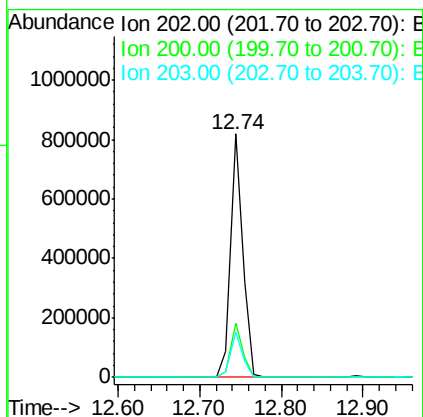
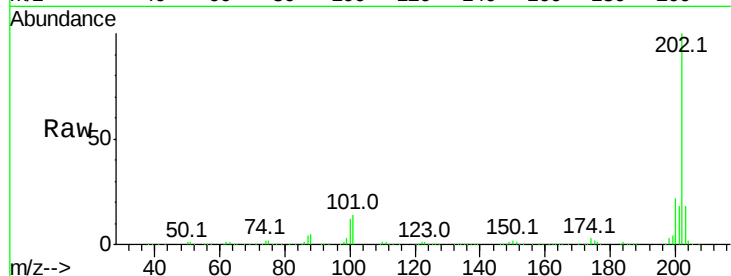
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	851424
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.9	26.9
203	18.3	14.5	21.7

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#78

Terphenyl-d14

Concen: 68.63 ng

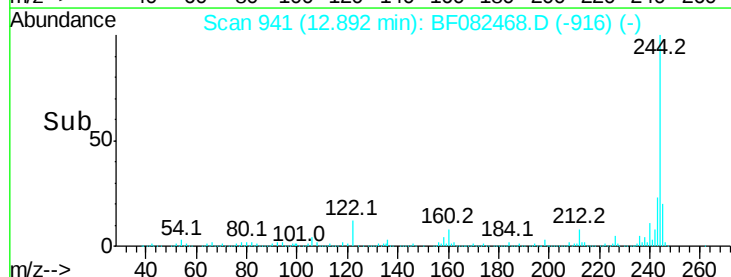
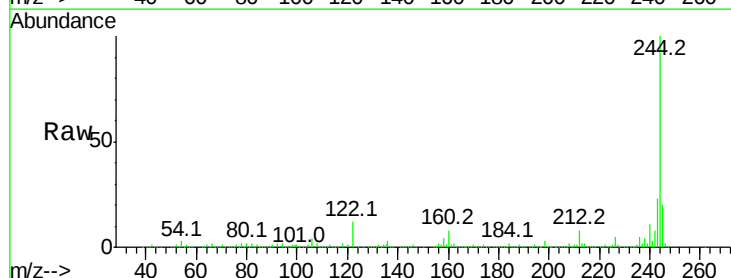
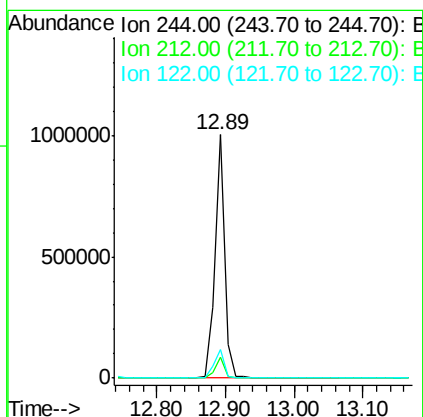
RT: 12.89 min Scan# 941

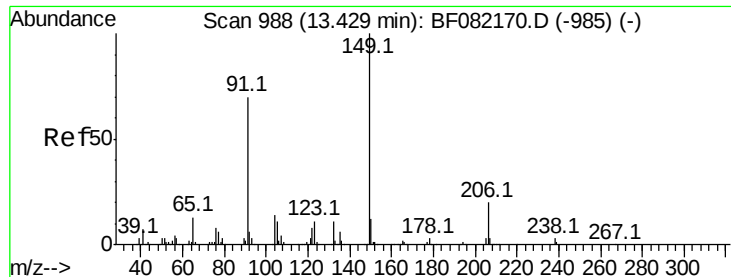
Delta R.T. -0.01 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion:	244	Resp:	1012578
Ion Ratio	Lower	Upper	
244	100		
212	8.4	5.8	8.6
122	12.0	5.9	8.9#





#79

Butylbenzylphthalate

Concen: 43.40 ng

RT: 13.37 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

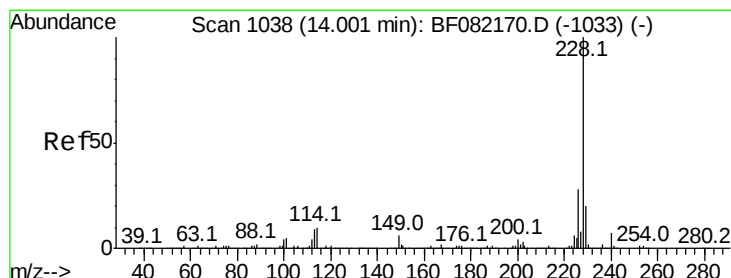
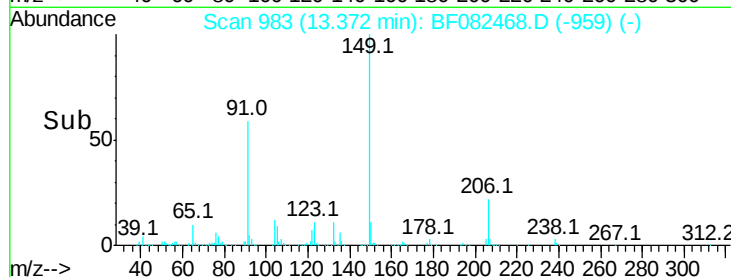
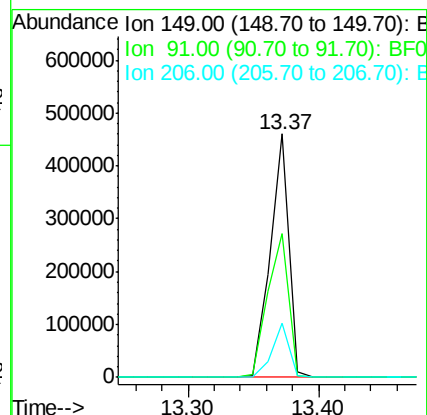
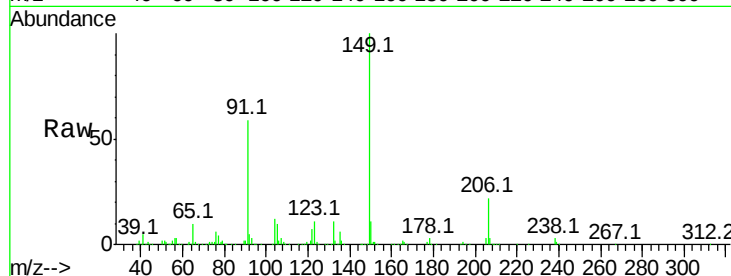
ClientSampleId :

SSTDCCC040EC

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Tot Ion	Ratio	Lower	Upper
149	100		
91	59.2	55.7	83.5
206	22.2	15.6	23.4



#80

Benzo(a)anthracene

Concen: 40.57 ng

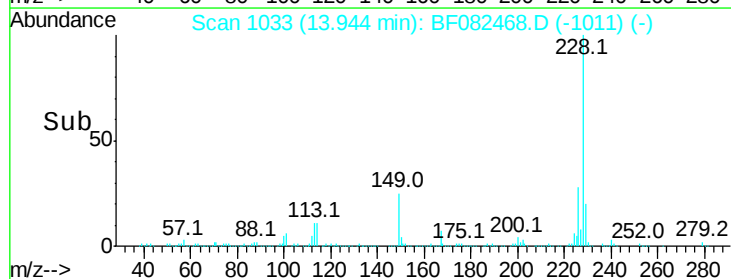
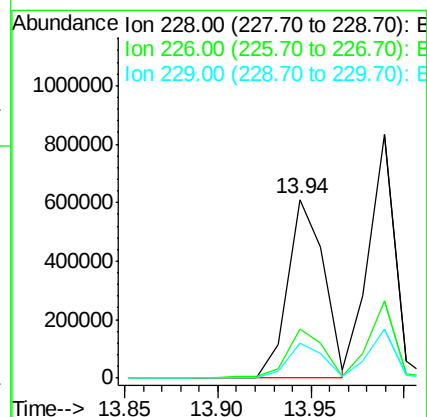
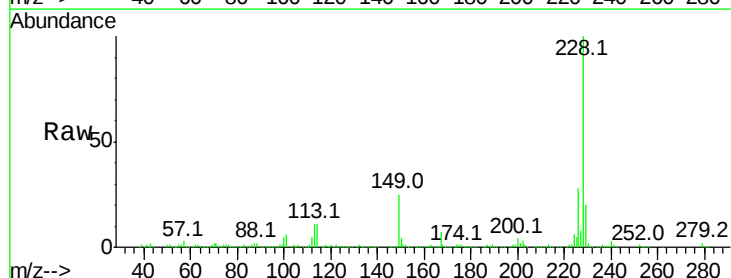
RT: 13.94 min Scan# 1033

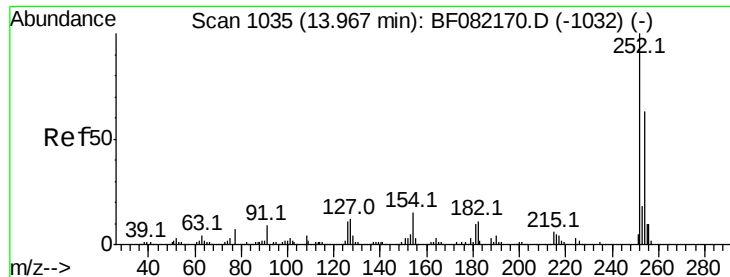
Delta R.T. -0.05 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	19.9	16.2	24.2





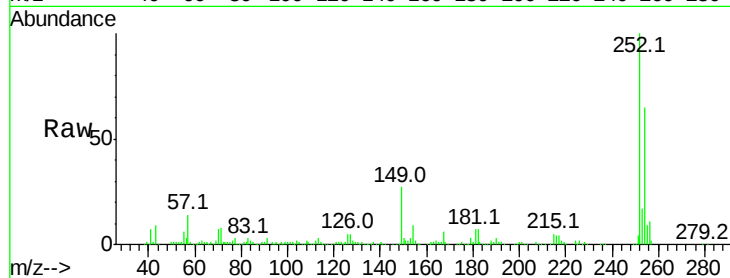
#81
 3,3'-Dichlorobenzidine
 Concen: 43.61 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

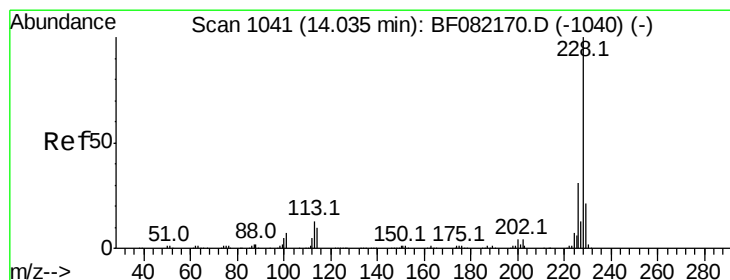
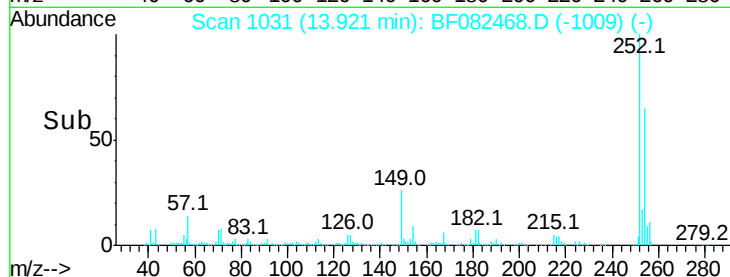
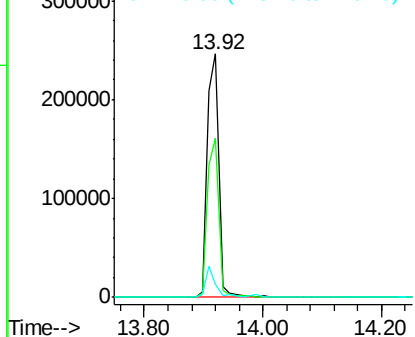
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.7	76.1
126	5.2	9.0	13.6

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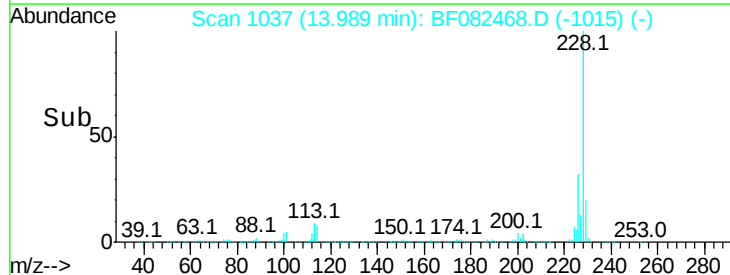
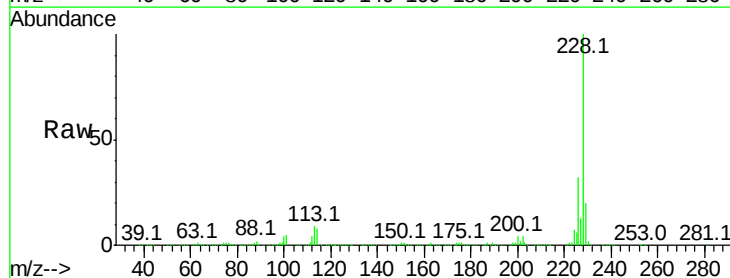
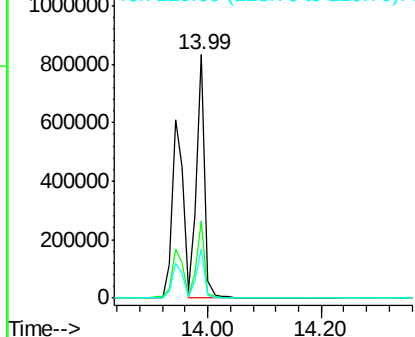
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

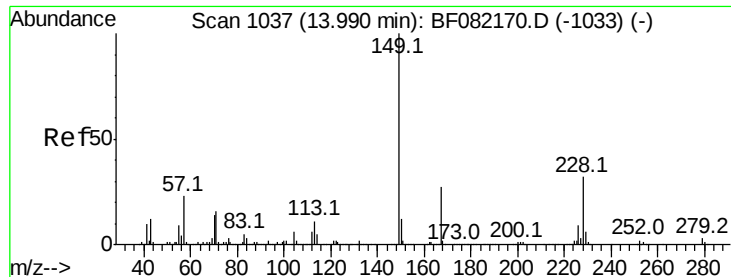


#82
 Chrysene
 Concen: 38.78 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.4	36.6
229	20.4	16.3	24.5

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.42 ng

RT: 13.93 min Scan# 1032

Delta R.T. -0.06 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

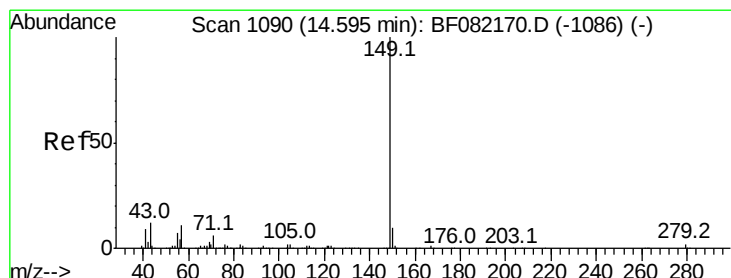
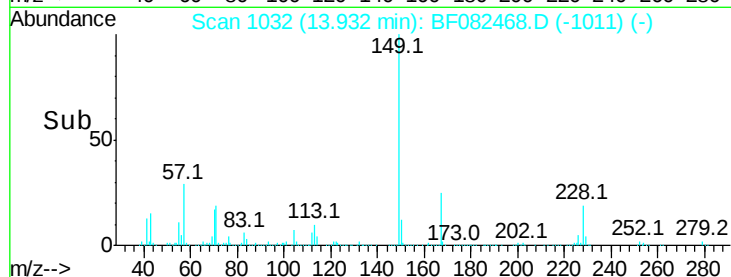
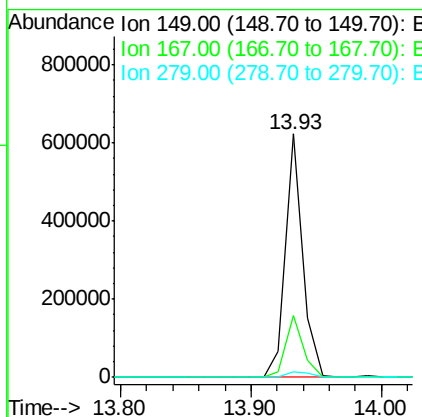
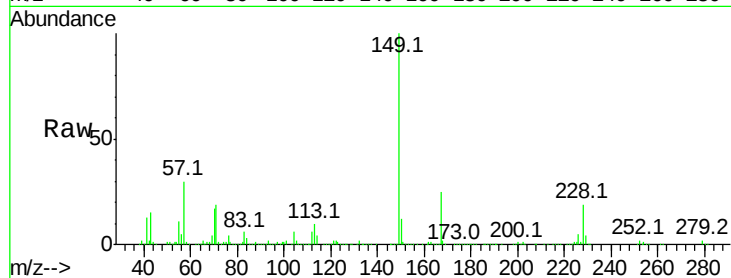
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	580371
Ion Ratio		Lower	Upper
149	100		
167	25.4	21.3	31.9
279	2.4	2.6	4.0#

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#84

Di-n-octyl phthalate

Concen: 39.66 ng

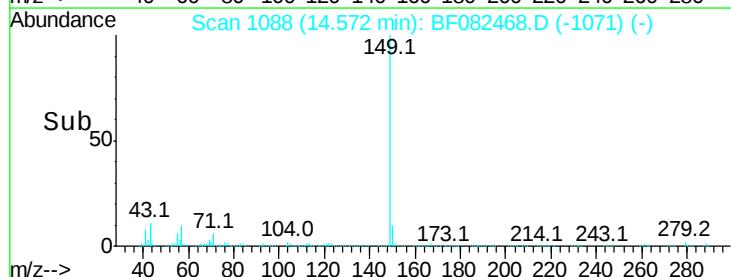
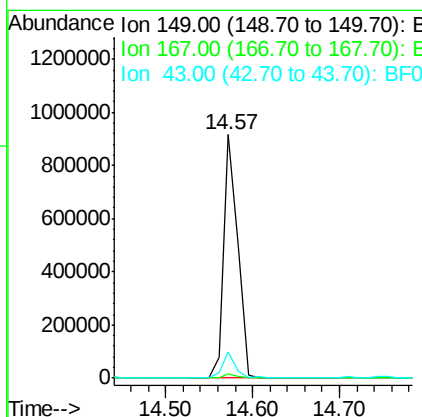
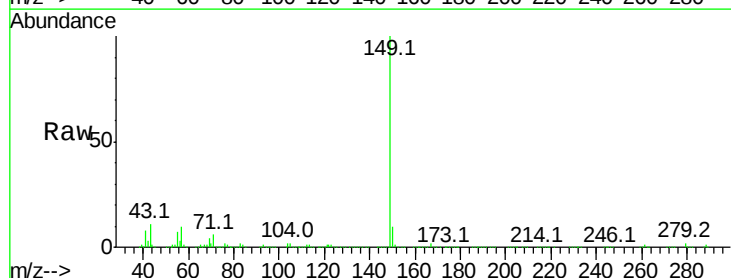
RT: 14.57 min Scan# 1088

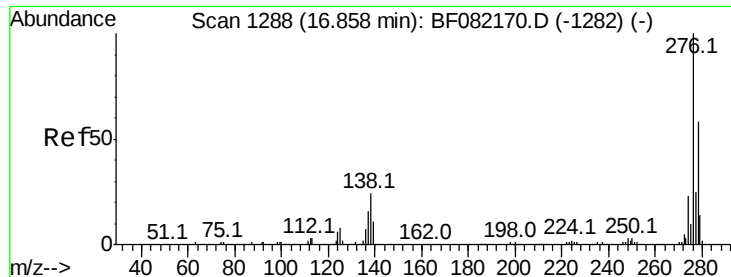
Delta R.T. -0.10 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion:	149	Resp:	1028891
Ion Ratio		Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.5	7.4	11.2





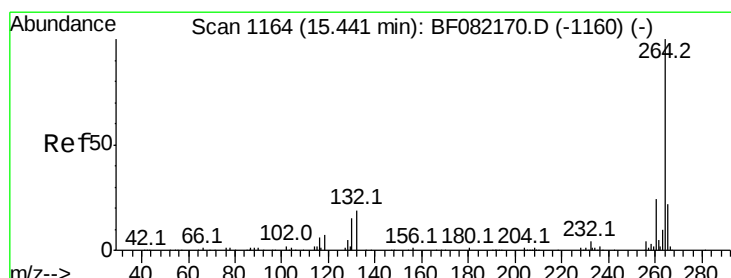
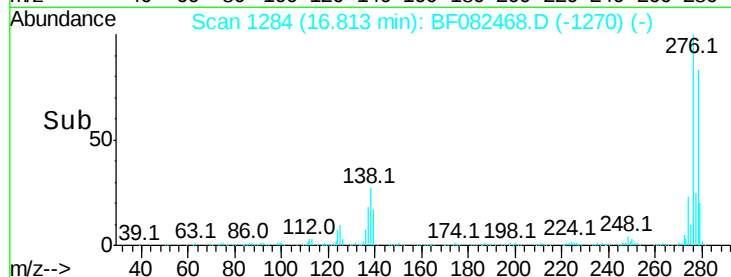
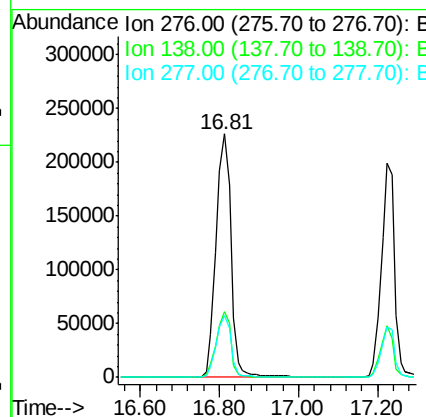
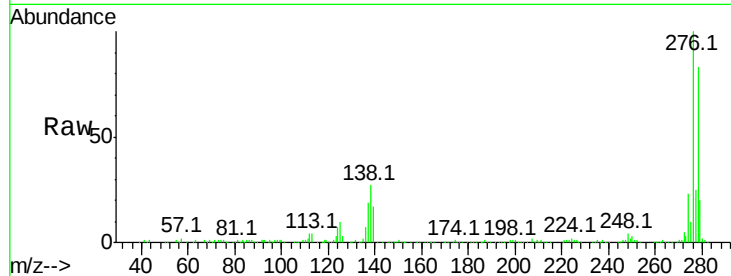
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.71 ng
RT: 16.81 min Scan# 1284
Delta R.T. -0.14 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	19.7	29.5
277	24.8	20.1	30.1

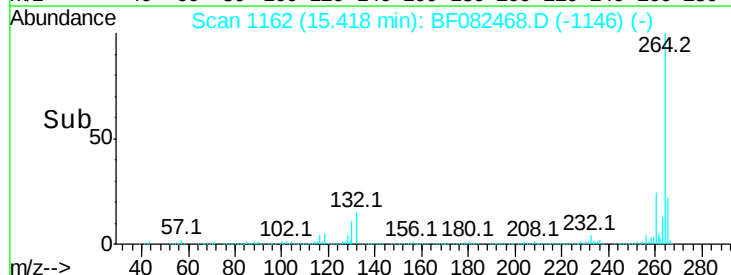
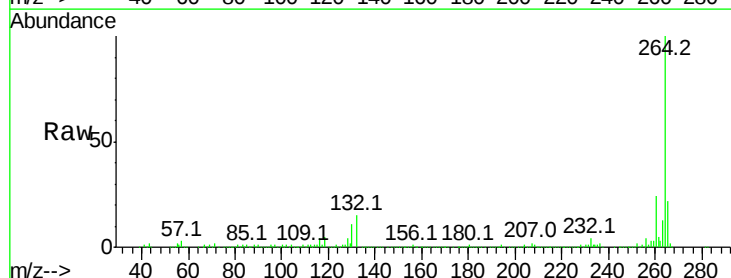
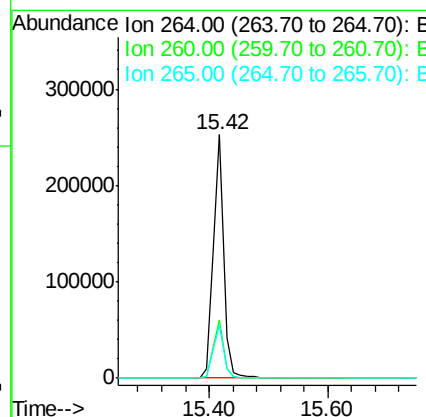
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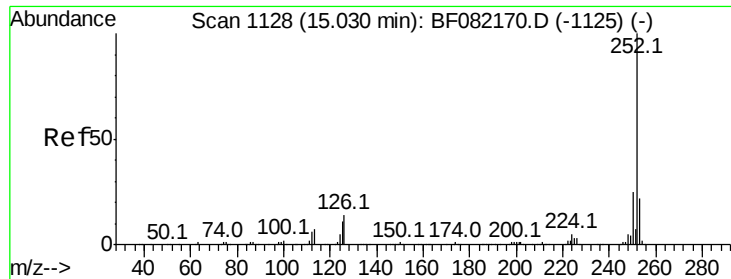
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1162
Delta R.T. -0.11 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 45.40 ng m

RT: 15.01 min Scan# 1126

Delta R.T. -0.13 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Instrument :

BNA_F

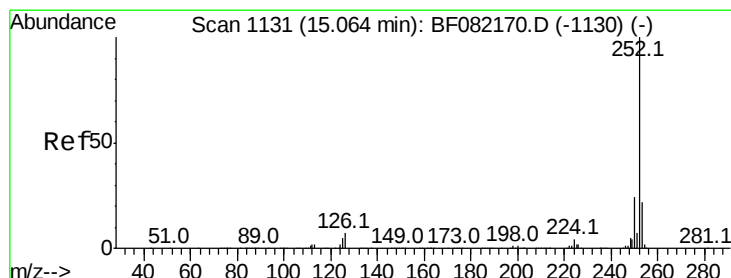
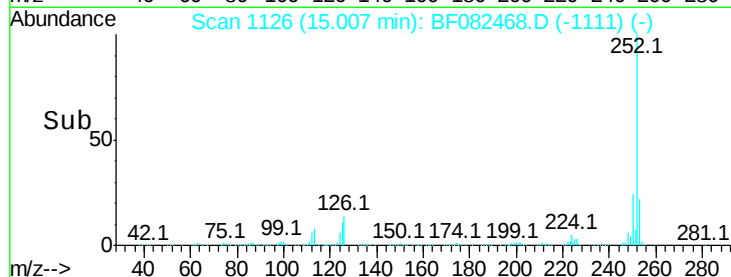
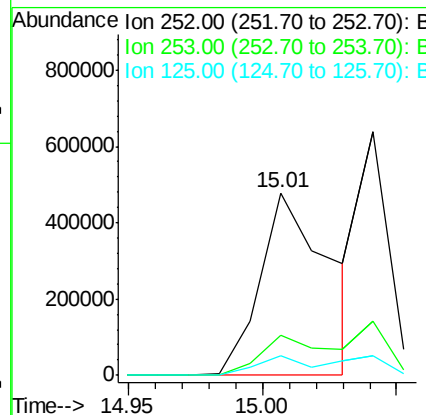
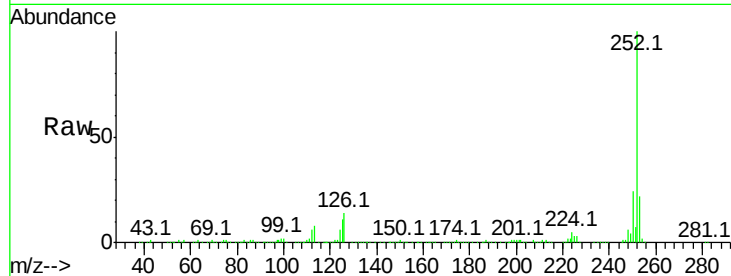
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	853639
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	10.9	8.6	12.8

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#88

Benzo(k)fluoranthene

Concen: 32.60 ng m

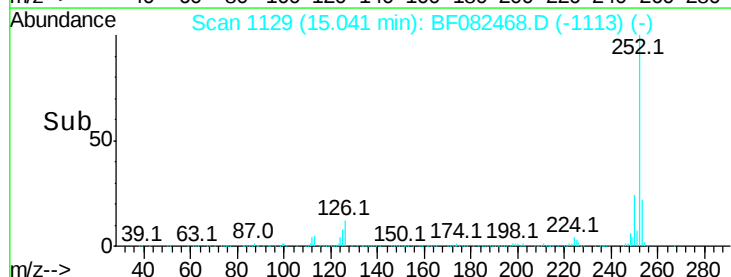
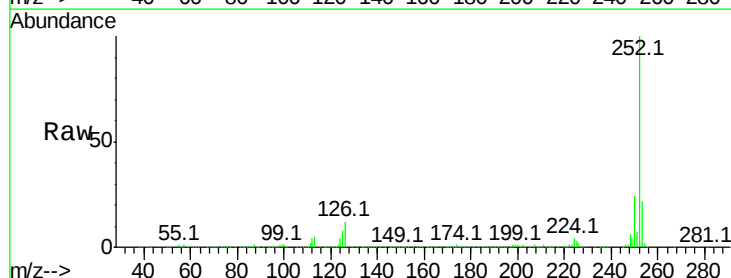
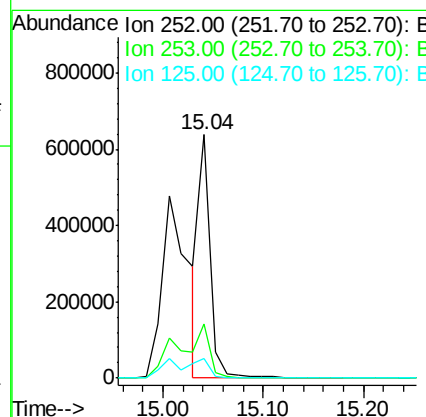
RT: 15.04 min Scan# 1129

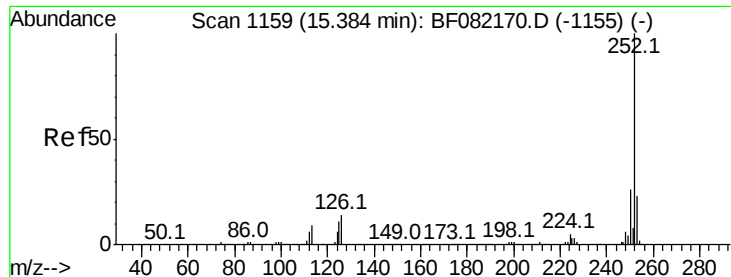
Delta R.T. -0.11 min

Lab File: BF082468.D

Acq: 23 Oct 2015 2:17

Tgt Ion:	252	Resp:	515270
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	8.3	6.7	10.1





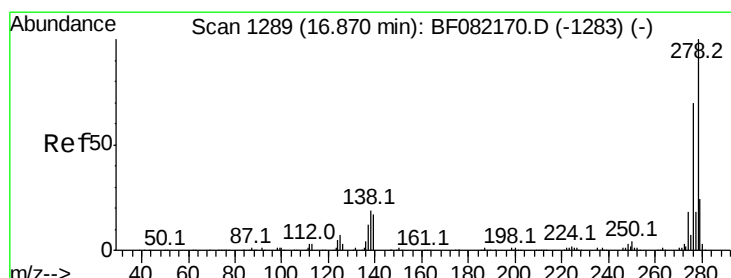
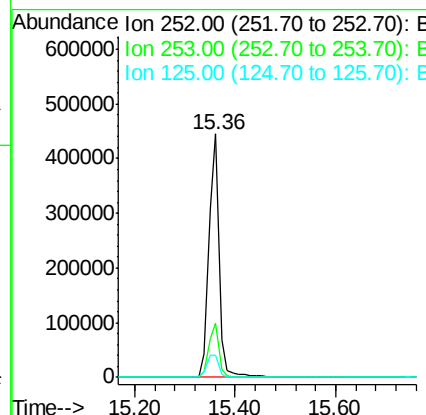
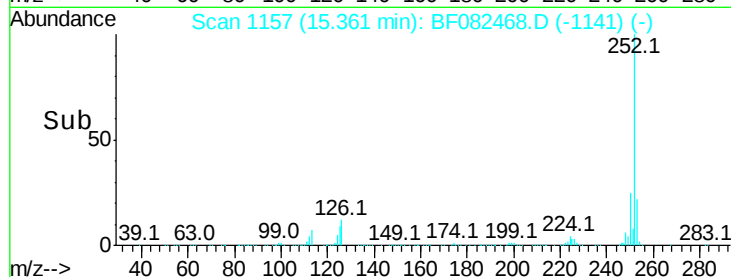
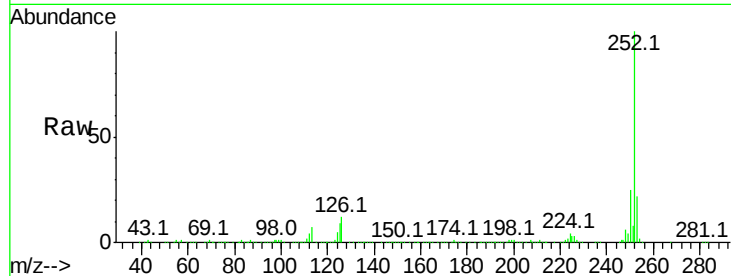
#89
Benzo(a)pyrene
Concen: 38.36 ng
RT: 15.36 min Scan# 1157
Delta R.T. -0.11 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.9	8.9	13.3

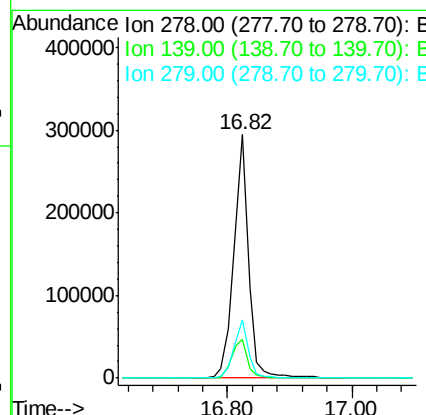
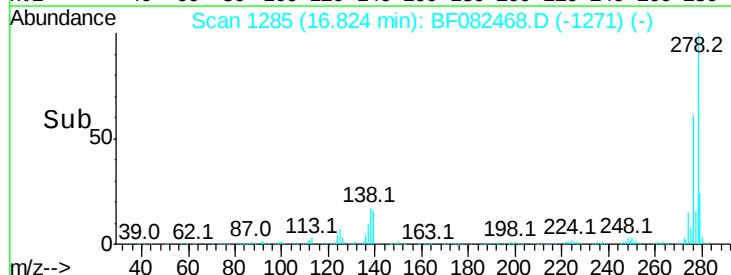
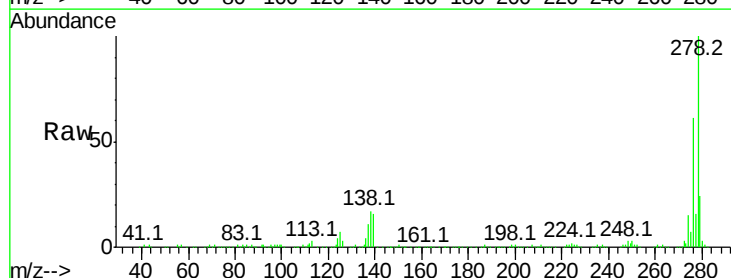
Manual Integrations
APPROVED

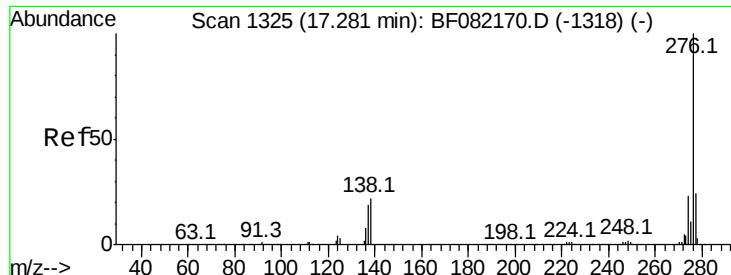
mmdadoda
10/23/2015 4:45:39 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.08 ng
RT: 16.82 min Scan# 1285
Delta R.T. -0.14 min
Lab File: BF082468.D
Acq: 23 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.3	19.9
279	23.7	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 36.52 ng
 RT: 17.22 min Scan# 1320
 Delta R.T. -0.14 min
 Lab File: BF082468.D
 Acq: 23 Oct 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	276	Resp:	469737
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	24.0	17.4	26.2

Manual Integrations
 APPROVED

mmdadoda
 10/23/2015 4:45:39 PM

