

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079631.D
 Acq On : 31 May 2015 14:19
 Operator : TP/IZ
 Sample : PB83653BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS

Manual Integrations
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 6/1/2015 8:41:30 PM

Quant Time: Jun 01 04:12:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 04:06:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	77372	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	328082	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	173011	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	331646	20.00	ng	0.00
75) Chrysene-d12	15.76	240	345632	20.00	ng	0.01
86) Perylene-d12	17.49	264	350487	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	469428	105.23	ng	0.00
7) Phenol-d6	6.50	99	574676	101.07	ng	0.00
23) Nitrobenzene-d5	7.61	82	334345	58.91	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	195922	103.10	ng	0.00
44) 2-Fluorobiphenyl	9.83	172	701903	57.88	ng	0.00
78) Terphenyl-d14	14.48	244	919102	62.41	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.71	88	61653	29.05	ng	# 100
3) Pyridine	2.33	79	146422	31.34	ng	97
4) n-Nitrosodimethylamine	2.26	42	73915	32.13	ng	80
6) Aniline	6.49	93	156867	19.44	ng	98
8) 2-Chlorophenol	6.64	128	166481	32.06	ng	99
9) Benzaldehyde	6.35	77	47277	12.44	ng	94
10) Phenol	6.51	94	204096	30.49	ng	89
11) bis(2-Chloroethyl)ether	6.60	93	159337	32.90	ng	90
12) 1,3-Dichlorobenzene	6.82	146	172791	30.03	ng	98
13) 1,4-Dichlorobenzene	6.92	146	181129	30.86	ng	98
14) 1,2-Dichlorobenzene	7.11	146	173400	31.81	ng	99
15) Benzyl Alcohol	7.11	79	136300	32.62	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	219278	30.94	ng	92
17) 2-Methylphenol	7.27	107	132319	32.43	ng	98
18) Hexachloroethane	7.52	117	59453	29.43	ng	97
19) n-Nitroso-di-n-propylamine	7.44	70	117796	29.44	ng	# 96
20) 3+4-Methylphenols	7.46	107	175883	31.37	ng	93
22) Acetophenone	7.43	105	230502	31.36	ng	# 94
24) Nitrobenzene	7.63	77	168888	30.19	ng	# 87
25) Isophorone	7.93	82	304491	29.43	ng	# 92
26) 2-Nitrophenol	8.02	139	78629	29.69	ng	# 80
27) 2,4-Dimethylphenol	8.11	122	148582	31.21	ng	98
28) bis(2-Chloroethoxy)methane	8.23	93	192882	30.08	ng	99
29) 2,4-Dichlorophenol	8.33	162	145551	33.38	ng	96
30) 1,2,4-Trichlorobenzene	8.42	180	142495	31.50	ng	94
31) Naphthalene	8.51	128	468475	29.75	ng	99
32) Benzoic acid	8.26	122	103346	34.98	ng	94
33) 4-Chloroaniline	8.60	127	120427	18.31	ng	# 94
34) Hexachlorobutadiene	8.67	225	76020	29.54	ng	97
35) Caprolactam	9.03	113	43961	31.97	ng	# 80
36) 4-Chloro-3-methylphenol	9.22	107	147670	32.65	ng	90
37) 2-Methylnaphthalene	9.37	142	341120	31.21	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	139067	28.74	ng	# 100
40) Hexachlorocyclopentadiene	9.55	237	69079	55.97	ng	97

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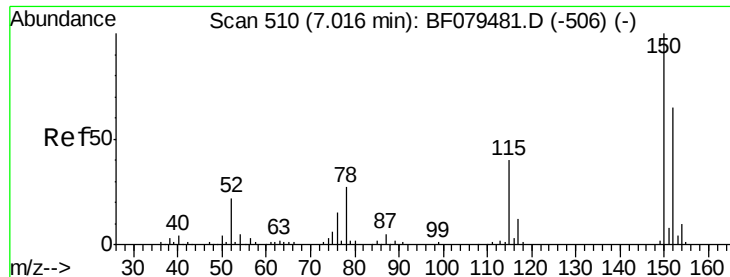
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.74	196	91846	27.18	ng	96
43) 2,4,5-Trichlorophenol	9.78	196	103305	30.71	ng	# 91
45) 1,1'-Biphenyl	9.95	154	408017	30.19	ng	98
46) 2-Chloronaphthalene	9.96	162	304626	28.54	ng	98
47) 2-Nitroaniline	10.11	65	90926	28.65	ng	# 59
48) Acenaphthylene	10.47	152	506230	28.58	ng	100
49) Dimethylphthalate	10.35	163	390598	30.64	ng	99
50) 2,6-Dinitrotoluene	10.42	165	78068	30.65	ng	# 60
51) Acenaphthene	10.68	154	288770	28.51	ng	98
52) 3-Nitroaniline	10.63	138	67076	20.25	ng	# 77
53) 2,4-Dinitrophenol	10.78	184	51441	57.30	ng	# 86
54) Dibenzofuran	10.90	168	453744	30.37	ng	99
55) 4-Nitrophenol	10.87	139	104073m	56.65	ng	
56) 2,4-Dinitrotoluene	10.92	165	112340	32.89	ng	# 83
57) Fluorene	11.32	166	375932	30.53	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.07	232	72393	29.57	ng	# 100
59) Diethylphthalate	11.22	149	388791	31.16	ng	94
60) 4-Chlorophenyl-phenylether	11.34	204	166775	31.34	ng	95
61) 4-Nitroaniline	11.38	138	91961	29.80	ng	84
62) Azobenzene	11.54	77	406143	33.46	ng	87
64) 4,6-Dinitro-2-methylphenol	11.43	198	47573	31.24	ng	85
65) n-Nitrosodiphenylamine	11.50	169	335439	30.45	ng	99
66) 4-Bromophenyl-phenylether	11.94	248	108991	31.91	ng	96
67) Hexachlorobenzene	12.00	284	120992	31.07	ng	99
68) Atrazine	12.17	200	102144	34.33	ng	97
69) Pentachlorophenol	12.26	266	68866	46.17	ng	98
70) Phenanthrene	12.51	178	550703	30.27	ng	99
71) Anthracene	12.57	178	571052	30.91	ng	99
72) Carbazole	12.79	167	531727	29.90	ng	99
73) Di-n-butylphthalate	13.25	149	660224	32.65	ng	99
74) Fluoranthene	13.98	202	599807	30.74	ng	95
76) Benzidine	14.17	184	271374	36.66	ng	99
77) Pyrene	14.25	202	641186	29.94	ng	99
79) Butylbenzylphthalate	15.10	149	300268	31.18	ng	99
80) Benzo(a)anthracene	15.75	228	598315	30.09	ng	100
81) 3,3'-Dichlorobenzidine	15.73	252	161676	22.21	ng	# 94
82) Chrysene	15.79	228	560658	29.67	ng	99
83) Bis(2-ethylhexyl)phthalate	15.83	149	459223	33.29	ng	# 96
84) Di-n-octyl phthalate	16.62	149	770790	32.10	ng	99
85) Indeno(1,2,3-cd)pyrene	18.77	276	725607	29.85	ng	99
87) Benzo(b)fluoranthene	17.04	252	660499	33.04	ng	# 98
88) Benzo(k)fluoranthene	17.07	252	518147m	28.99	ng	
89) Benzo(a)pyrene	17.43	252	586752	32.96	ng	98
90) Dibenzo(a,h)anthracene	18.79	278	603121	32.46	ng	99
91) Benzo(g,h,i)perylene	19.13	276	603788	32.99	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Instrument :

BNA_F

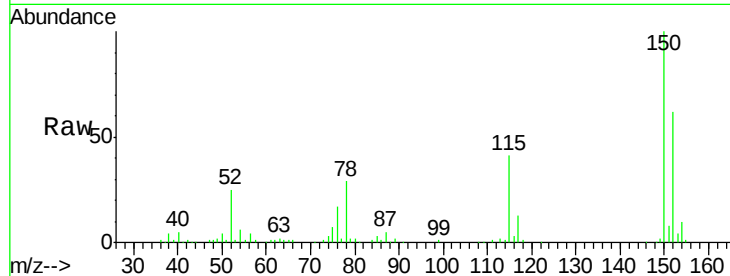
ClientSampleId :

PB83653BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.0	186.0
115	66.4	49.6	74.4

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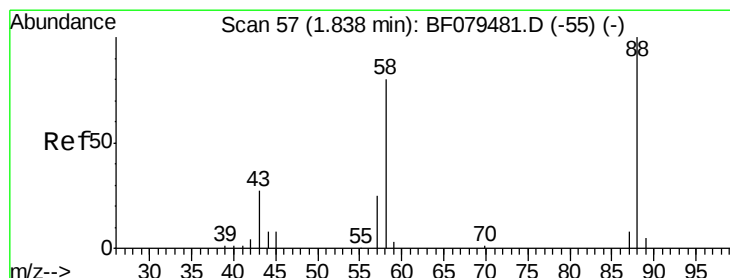
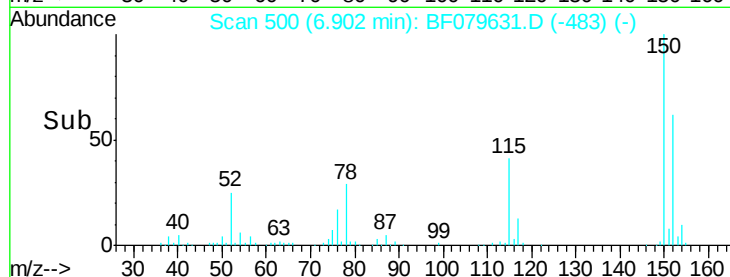
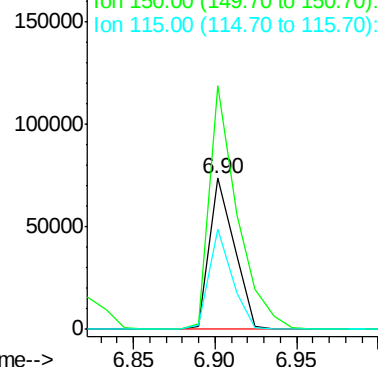
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.05 ng

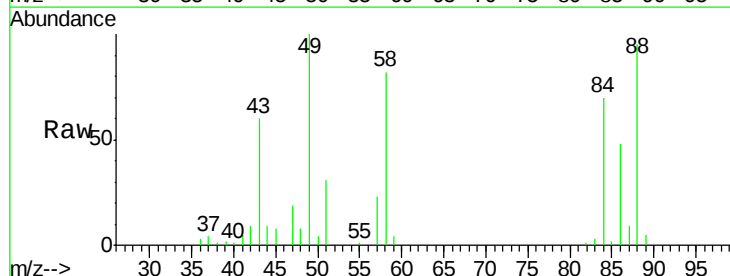
RT: 1.71 min Scan# 46

Delta R.T. 0.02 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

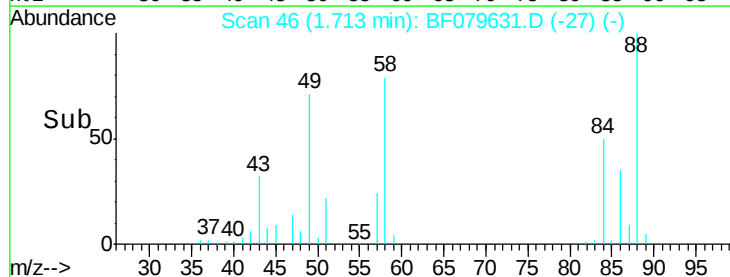
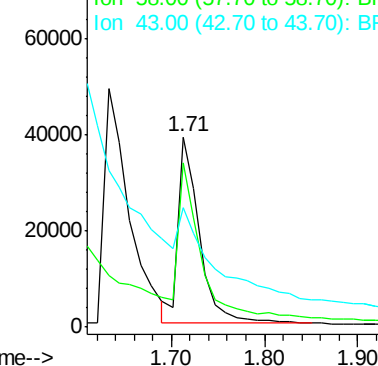
Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.8	0.0	0.0#
43	0.0	0.0	0.0

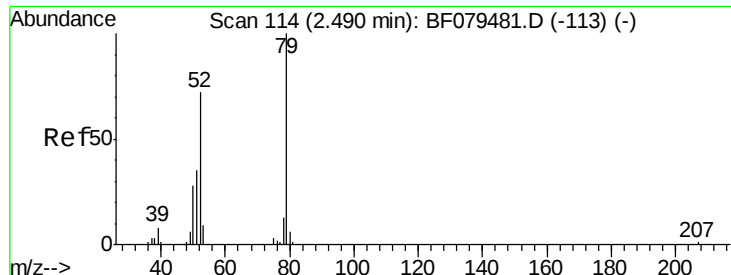


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.34 ng

RT: 2.33 min Scan# 100

Delta R.T. 0.01 min

Lab File: BF079631.D

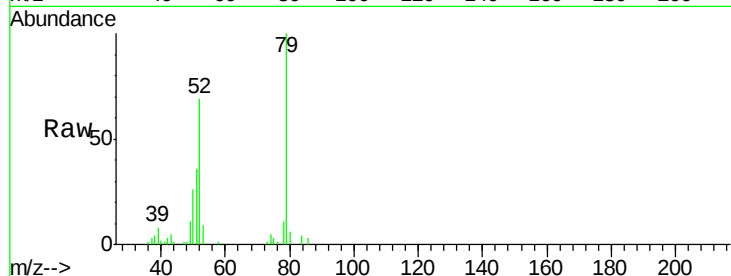
Acq: 31 May 2015 14:19

Instrument :

BNA_F

ClientSampleId :

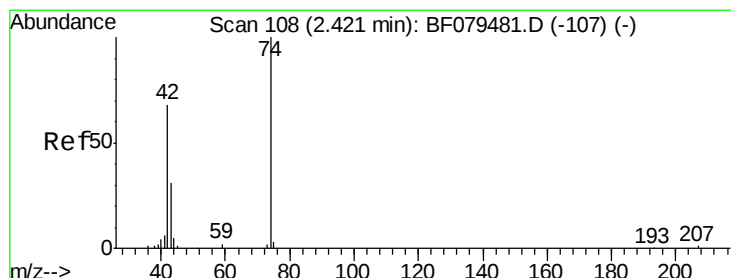
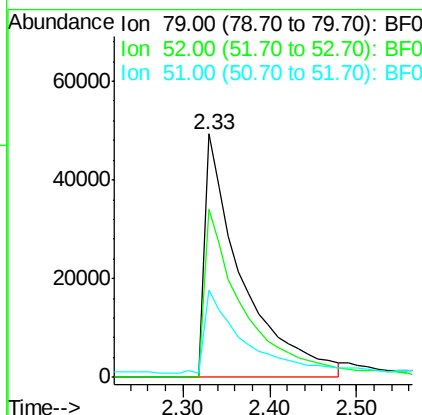
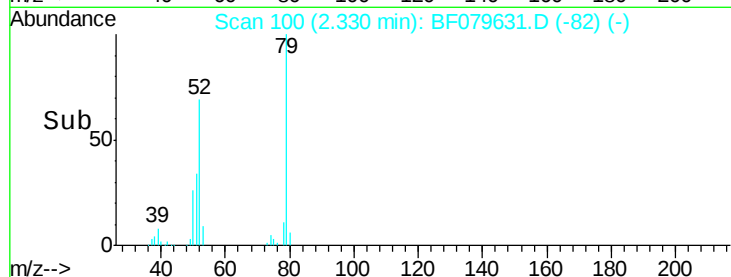
PB83653BS



Tgt Ion:	79	Resp:	146422
Ion	Ratio	Lower	Upper
79	100		
52	69.0	57.4	86.2
51	36.1	29.4	44.0

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#4

n-Nitrosodimethylamine

Concen: 32.13 ng

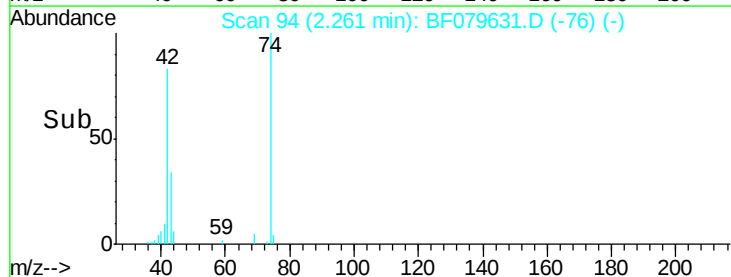
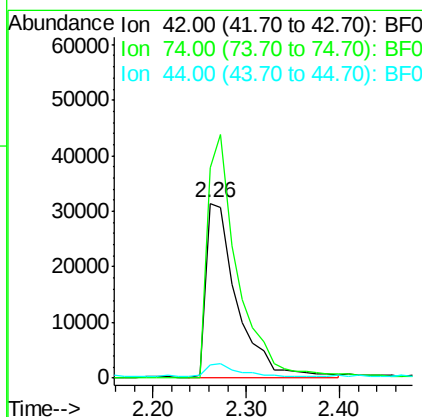
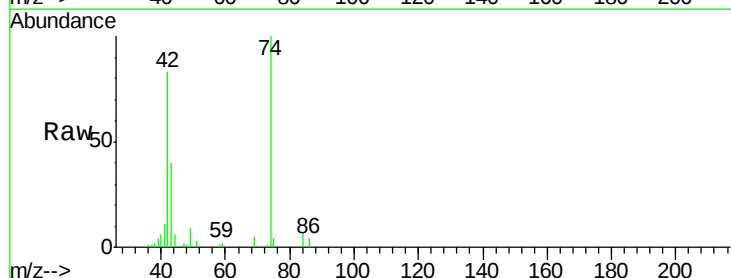
RT: 2.26 min Scan# 94

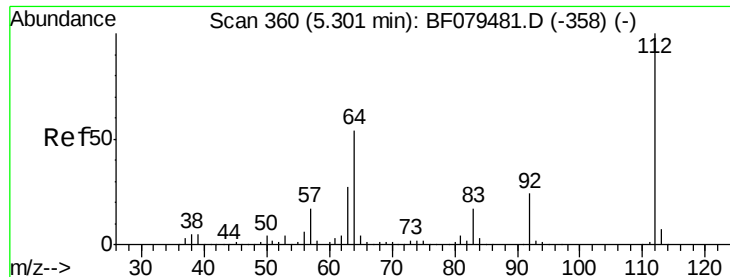
Delta R.T. 0.01 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Tgt Ion:	42	Resp:	73915
Ion	Ratio	Lower	Upper
42	100		
74	120.3	117.6	176.4
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 105.23 ng

RT: 5.16 min Scan# 348

Delta R.T. -0.00 min

Lab File: BF079631.D

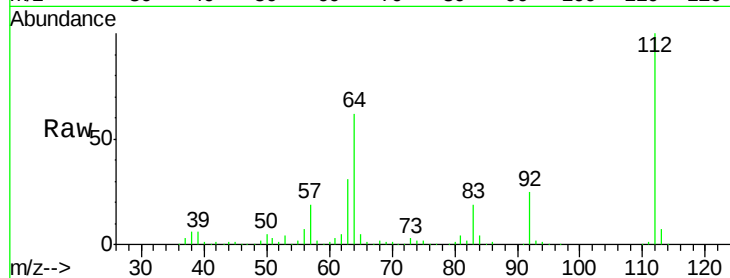
Acq: 31 May 2015 14:19

Instrument :

BNA_F

ClientSampleId :

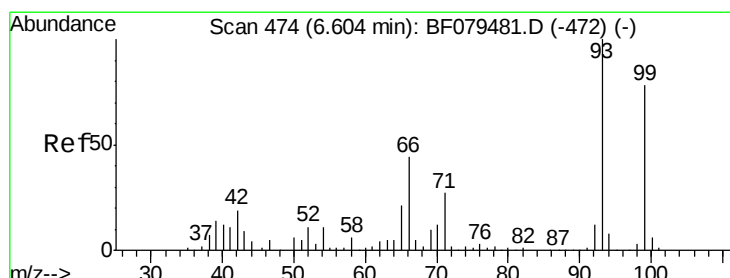
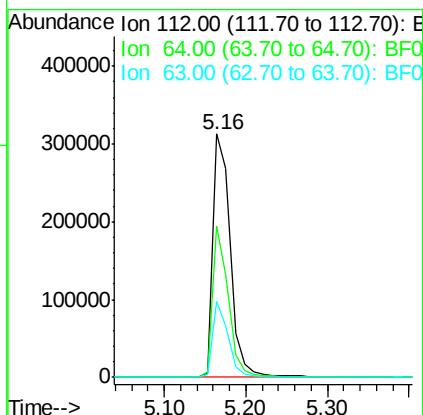
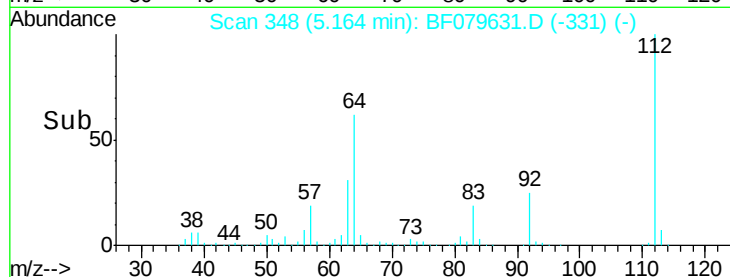
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Tgt Ion:	112	Resp:	469428
Ion Ratio	Lower	Upper	
112	100		
64	62.2	43.5	65.3
63	31.1	21.8	32.8

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#6

Aniline

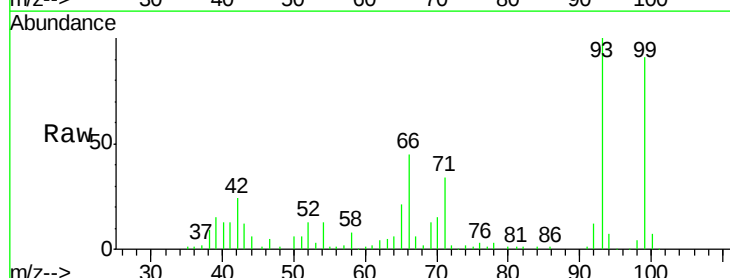
Concen: 19.44 ng

RT: 6.49 min Scan# 464

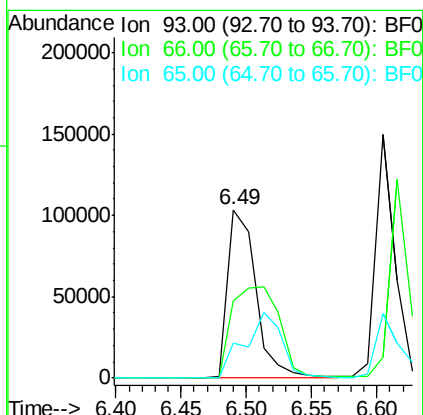
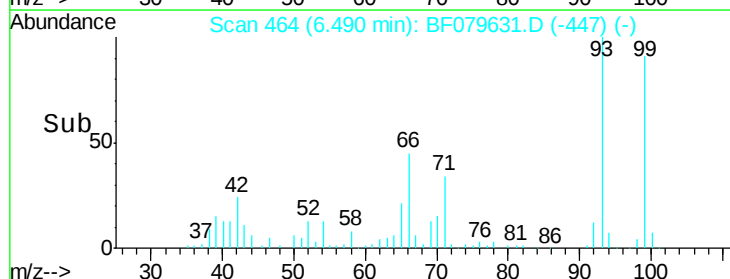
Delta R.T. -0.00 min

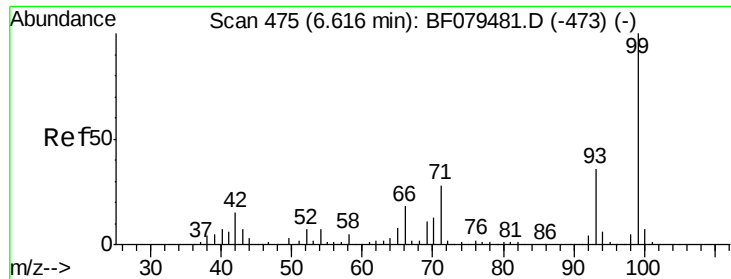
Lab File: BF079631.D

Acq: 31 May 2015 14:19



Tgt Ion:	93	Resp:	156867
Ion Ratio	Lower	Upper	
93	100		
66	45.5	34.8	52.2
65	20.7	16.7	25.1





#7

Phenol-d6

Concen: 101.07 ng

RT: 6.50 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF079631.D

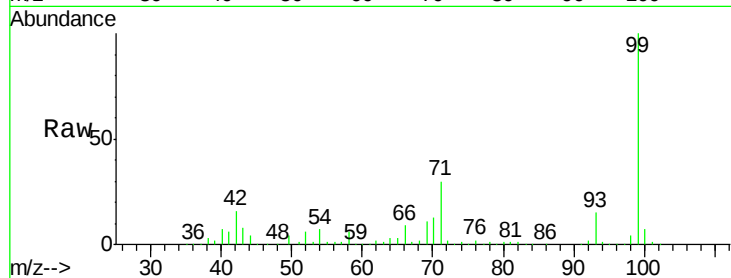
Acq: 31 May 2015 14:19

Instrument :

BNA_F

ClientSampleId :

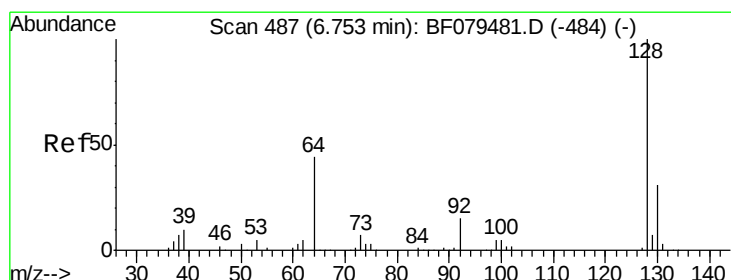
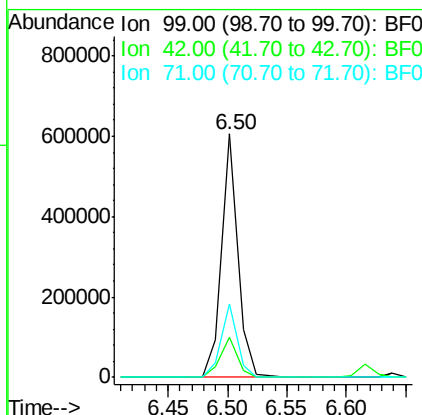
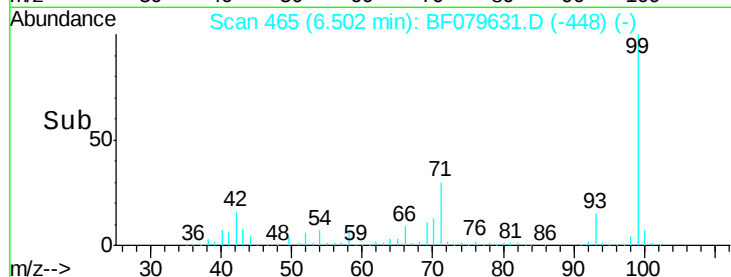
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Tgt Ion:	99	Resp:	574676
Ion Ratio	Lower	Upper	
99	100		
42	16.4	11.9	17.9
71	30.0	22.1	33.1

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#8

2-Chlorophenol

Concen: 32.06 ng

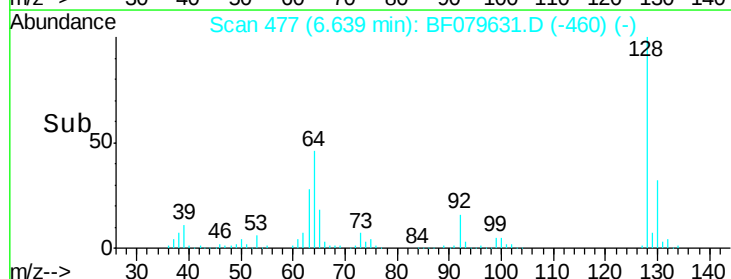
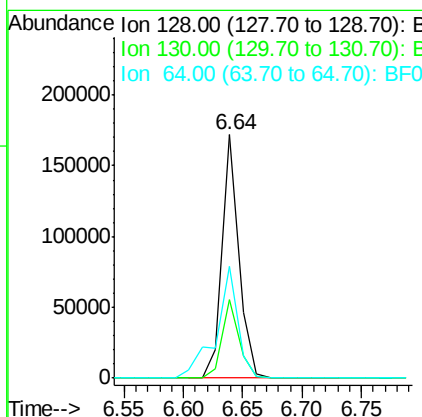
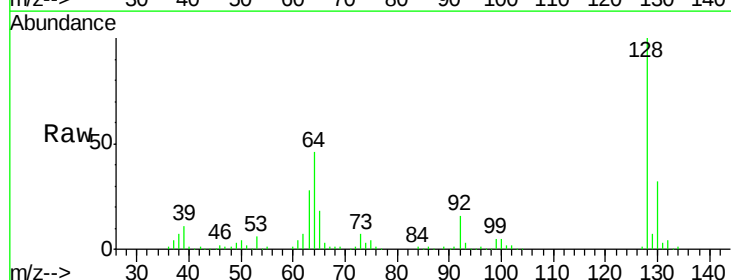
RT: 6.64 min Scan# 477

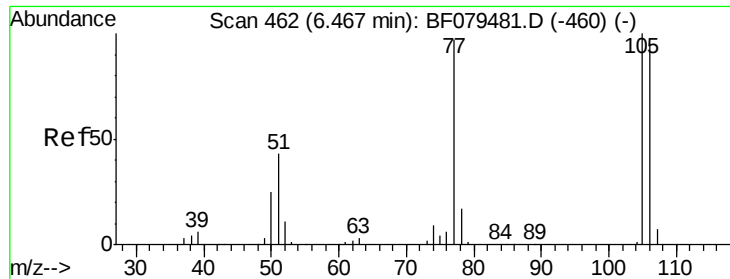
Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Tgt Ion:	128	Resp:	166481
Ion Ratio	Lower	Upper	
128	100		
130	32.2	11.4	51.4
64	45.8	25.9	65.9





#9

Benzaldehyde

Concen: 12.44 ng

RT: 6.35 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Instrument :

BNA_F

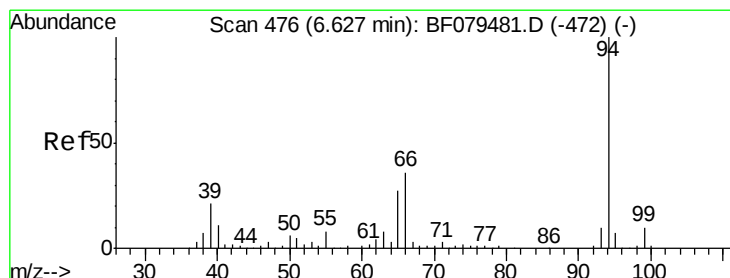
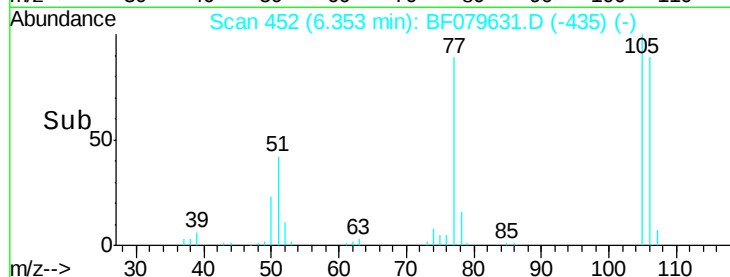
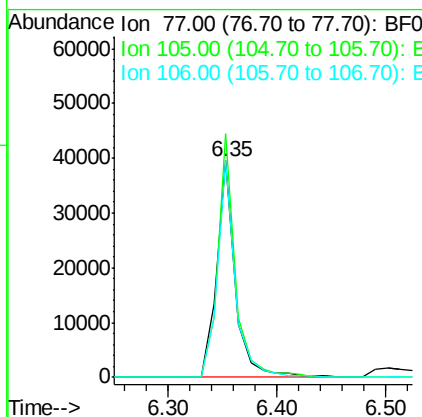
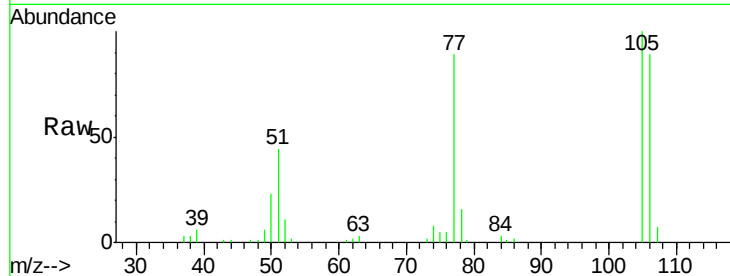
ClientSampleId :

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Tgt Ion:	77	Resp:	47277
Ion	Ratio	Lower	Upper
77	100		
105	112.6	83.3	123.3
106	100.3	78.4	118.4

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#10

Phenol

Concen: 30.49 ng

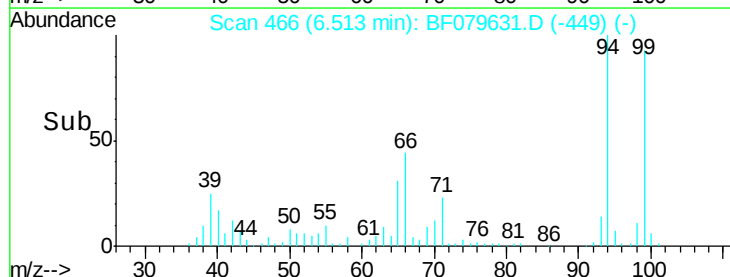
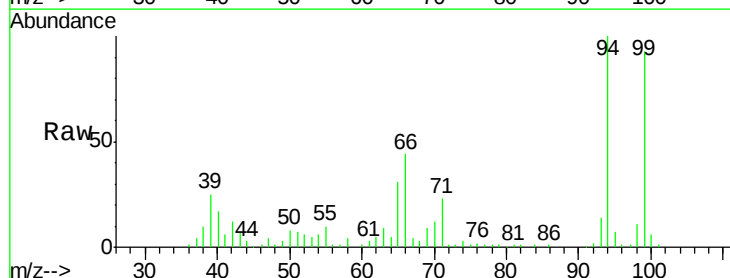
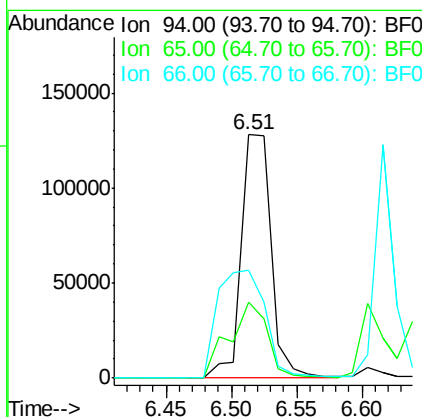
RT: 6.51 min Scan# 466

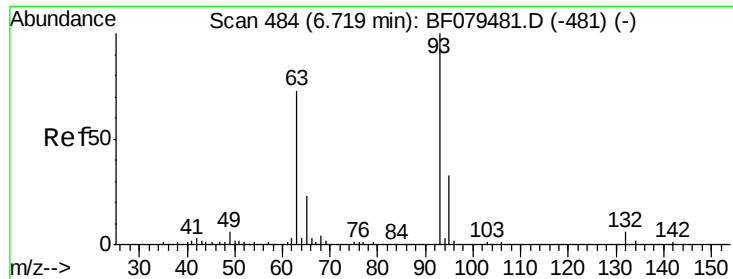
Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Tgt Ion:	94	Resp:	204096
Ion	Ratio	Lower	Upper
94	100		
65	31.3	7.2	47.2
66	44.1	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 32.90 ng

RT: 6.60 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Instrument :

BNA_F

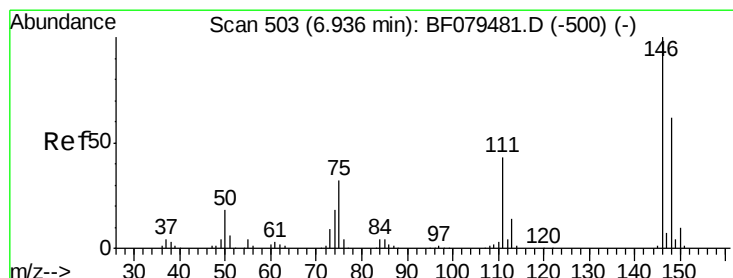
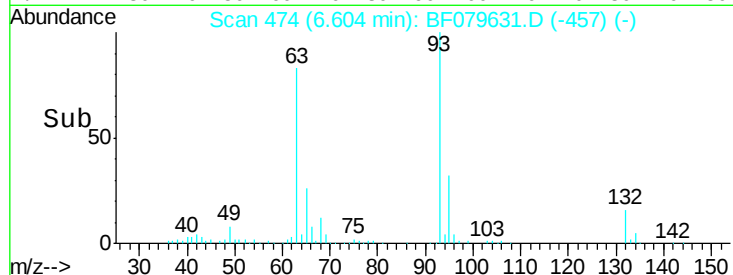
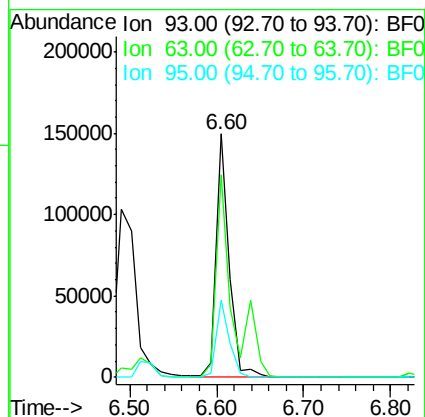
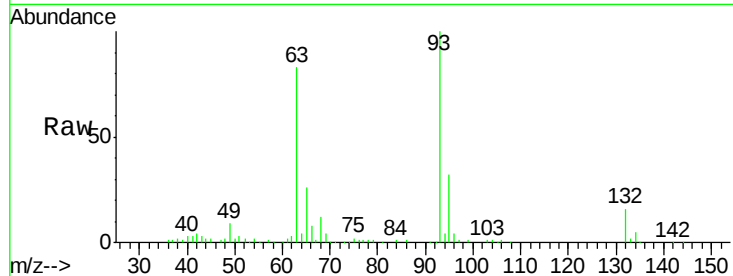
ClientSampleId :

PB83653BS

Tgt Ion:	93	Resp:	159337
Ion Ratio	Lower	Upper	
93	100		
63	83.1	51.8	91.8
95	31.6	13.0	53.0

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#12

1,3-Dichlorobenzene

Concen: 30.03 ng

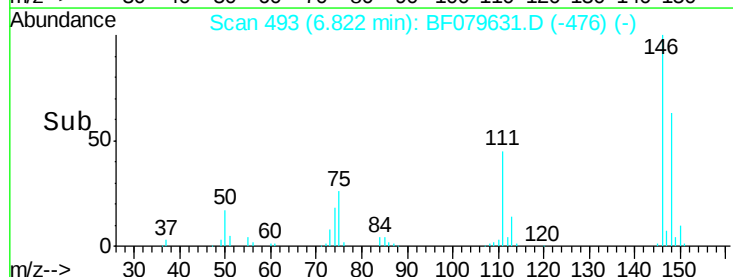
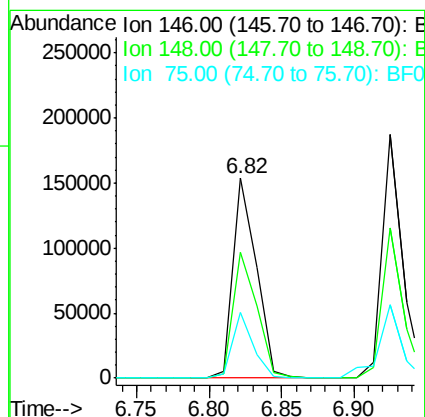
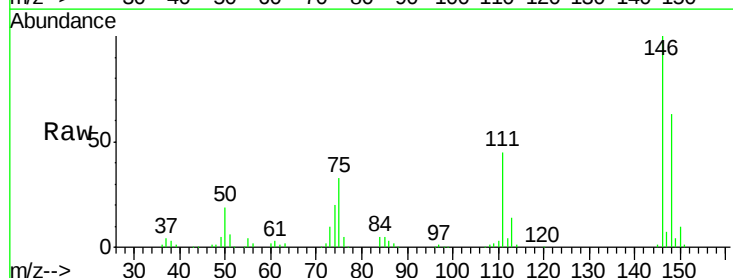
RT: 6.82 min Scan# 493

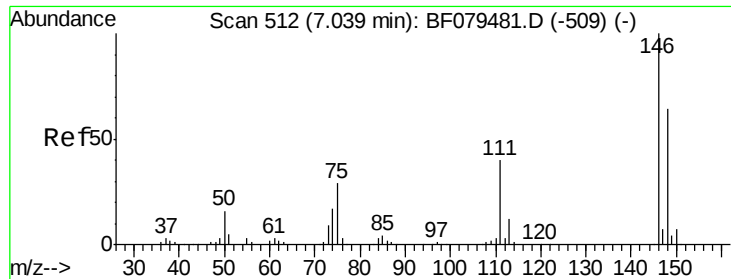
Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Tgt Ion:	146	Resp:	172791
Ion Ratio	Lower	Upper	
146	100		
148	63.2	49.6	74.4
75	33.1	25.9	38.9





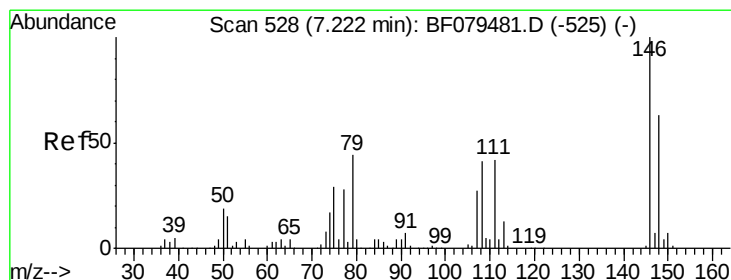
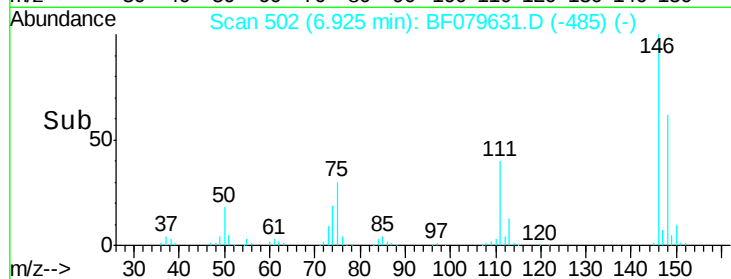
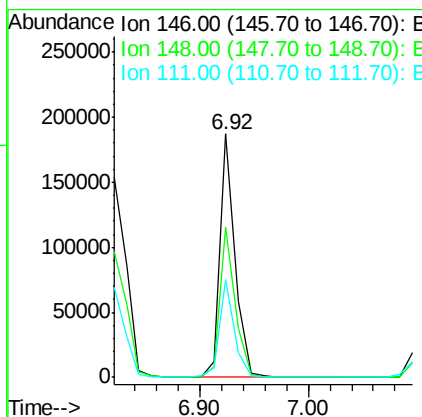
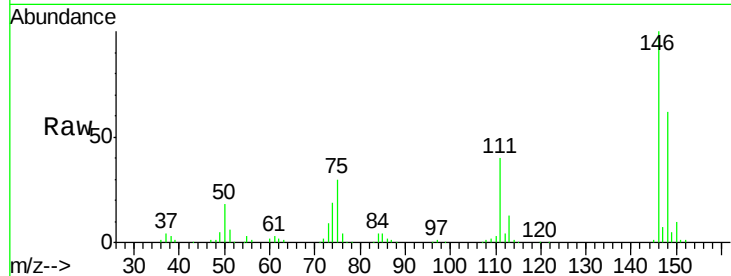
#13
 1,4-Dichlorobenzene
 Concen: 30.86 ng
 RT: 6.92 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.3	76.9
111	40.0	31.8	47.8

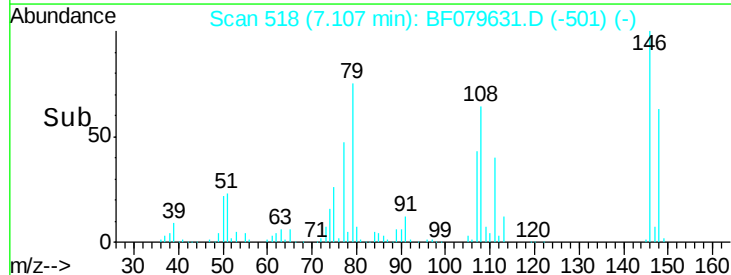
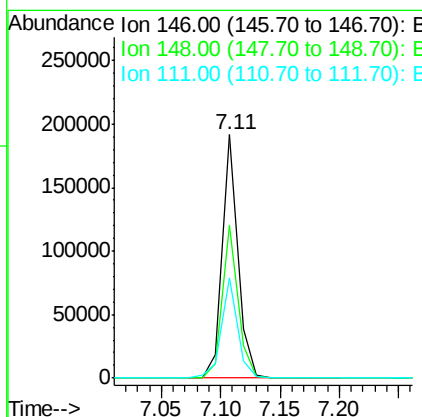
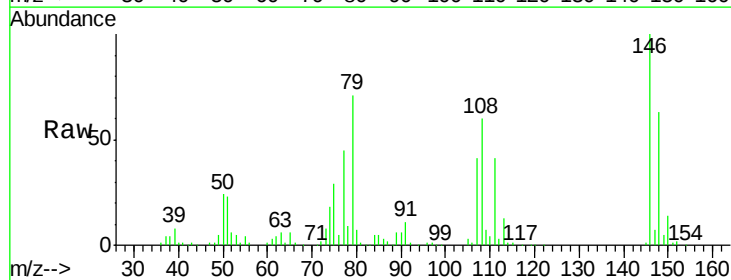
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#14
 1,2-Dichlorobenzene
 Concen: 31.81 ng
 RT: 7.11 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
111	41.3	33.2	49.8





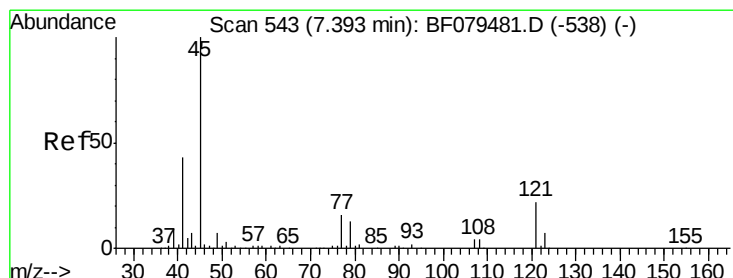
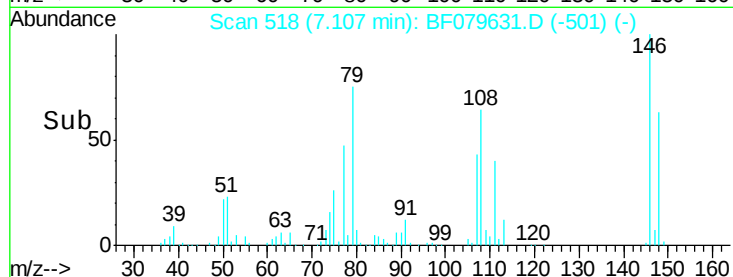
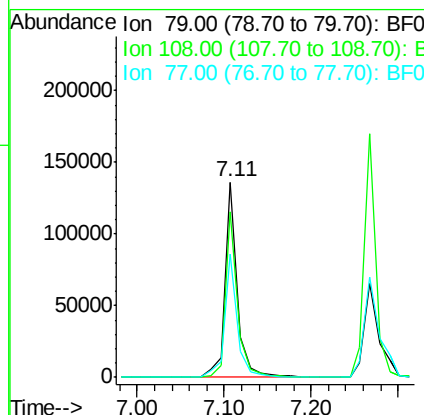
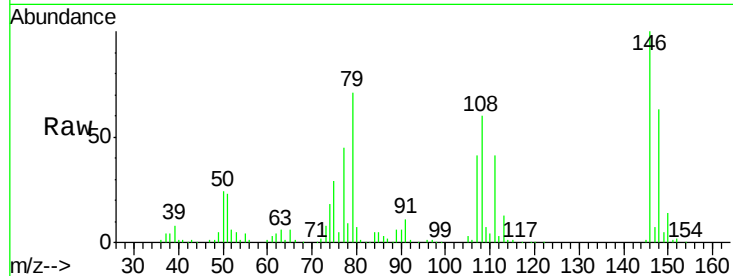
#15
Benzyl Alcohol
Concen: 32.62 ng
RT: 7.11 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Instrument :
BNA_F
ClientSampleId :
PB83653BS

Tgt Ion: 79 Resp: 136300
Ion Ratio Lower Upper
79 100
108 84.9 73.7 110.5
77 63.2 51.1 76.7

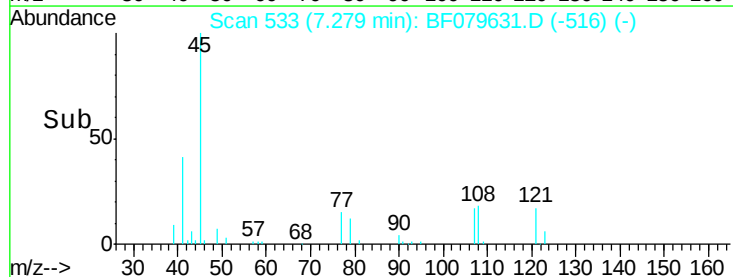
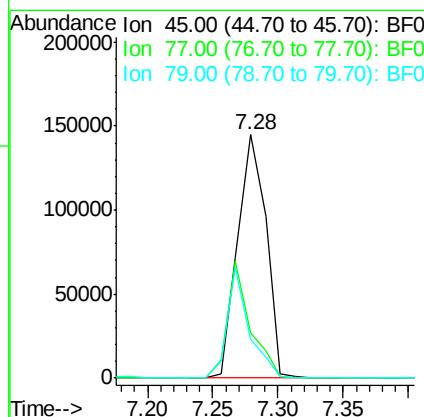
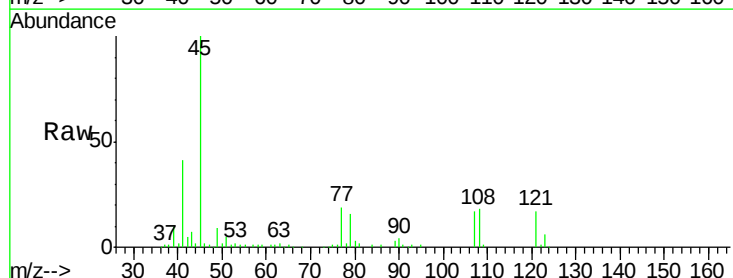
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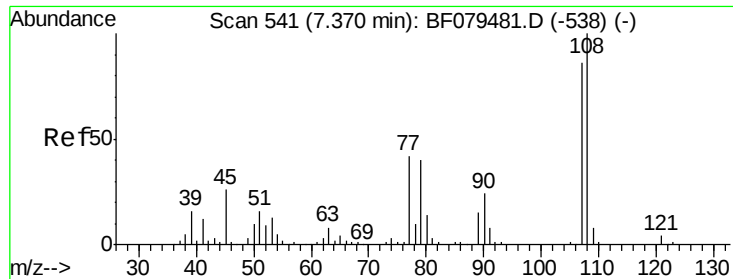
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.94 ng
RT: 7.28 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion: 45 Resp: 219278
Ion Ratio Lower Upper
45 100
77 18.5 0.0 35.5
79 16.0 0.0 32.8





#17

2-Methylphenol

Concen: 32.43 ng

RT: 7.27 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Instrument :

BNA_F

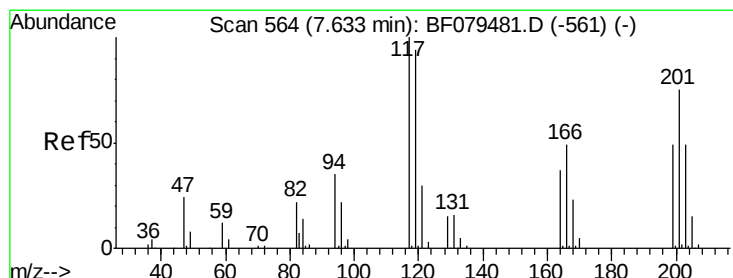
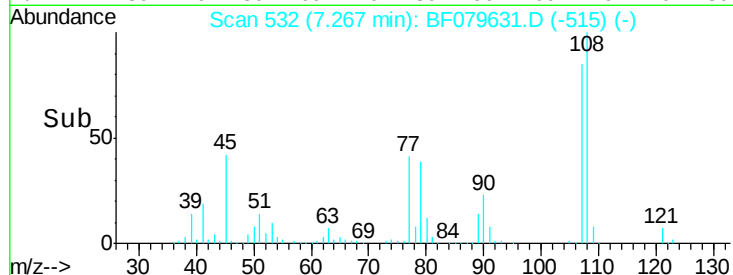
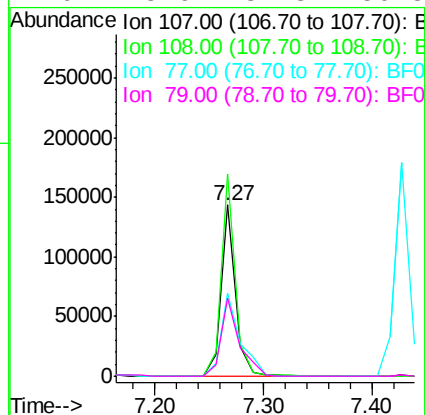
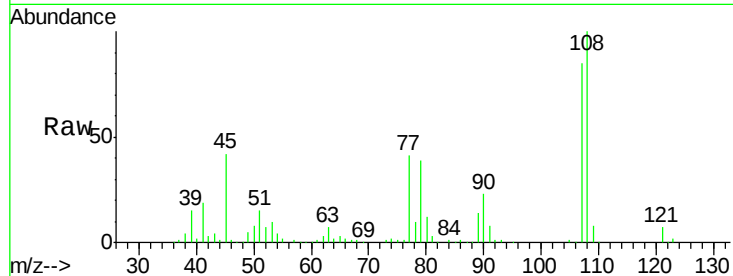
ClientSampleId :

PB83653BS

Tgt Ion:	107	Resp:	132319
Ion Ratio	Lower	Upper	
107	100		
108	118.2	93.1	139.7
77	48.4	39.2	58.8
79	45.6	37.8	56.8

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#18

Hexachloroethane

Concen: 29.43 ng

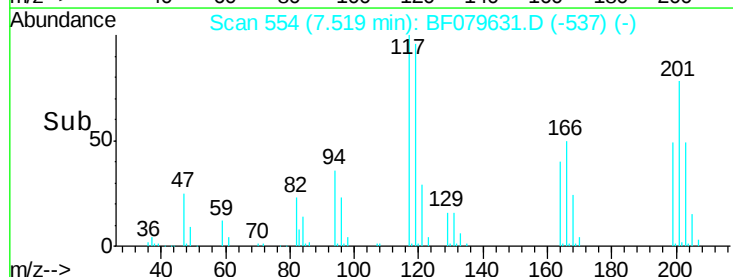
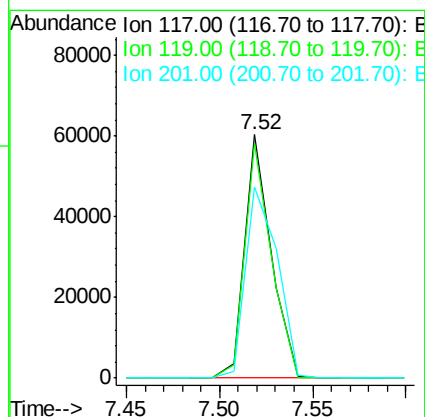
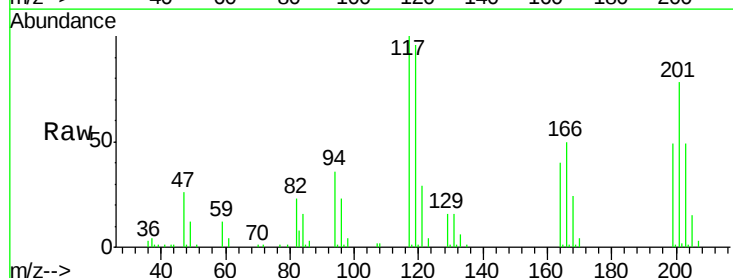
RT: 7.52 min Scan# 554

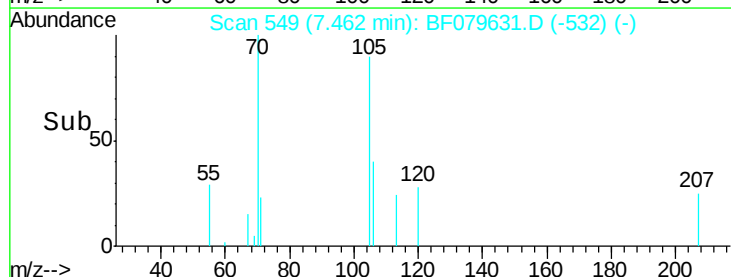
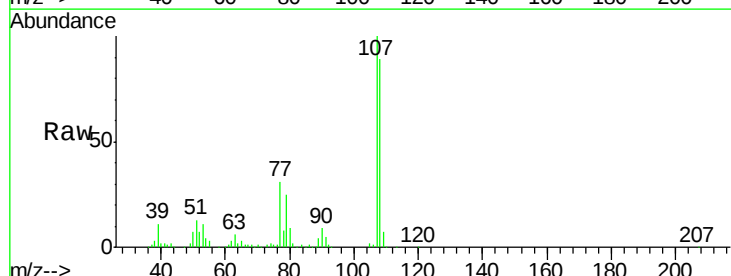
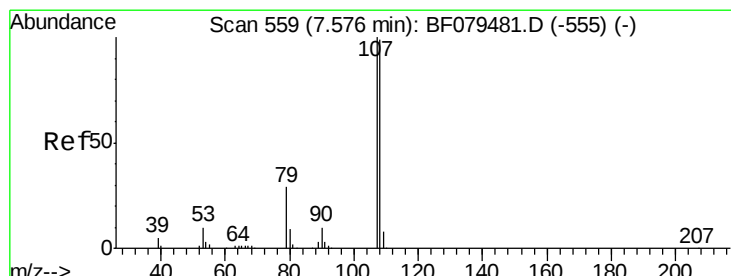
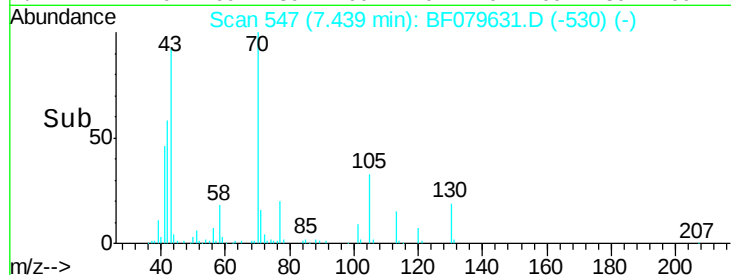
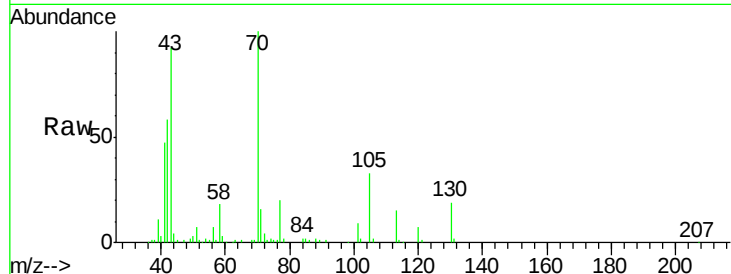
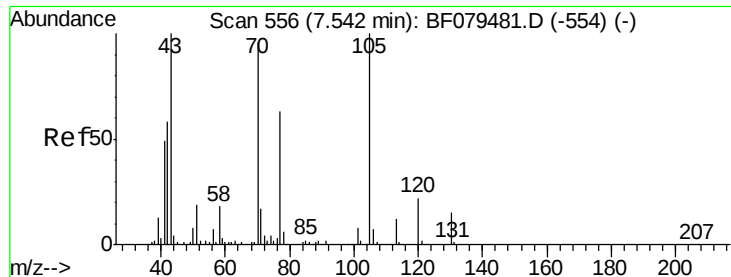
Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Tgt Ion:	117	Resp:	59453
Ion Ratio	Lower	Upper	
117	100		
119	96.3	74.9	112.3
201	78.5	60.2	90.4





#19

n-Nitroso-di-n-propylamine

Concen: 29.44 ng

RT: 7.44 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Instrument :

BNA_F

ClientSampleId :

PB83653BS

Tgt Ion: 70 Resp: 117796

Ion Ratio Lower Upper

70 100

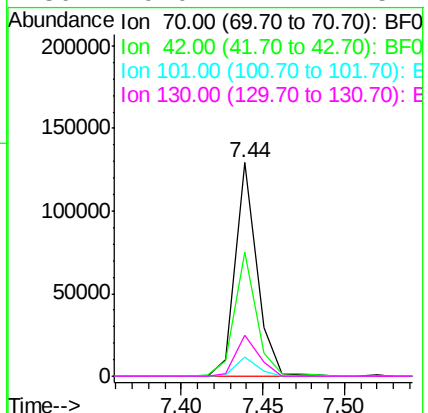
42 58.1 48.8 73.2

101 8.8 6.6 9.8

130 19.0 12.2 18.4#

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#20

3+4-Methylphenols

Concen: 31.37 ng

RT: 7.46 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Tgt Ion: 107 Resp: 175883

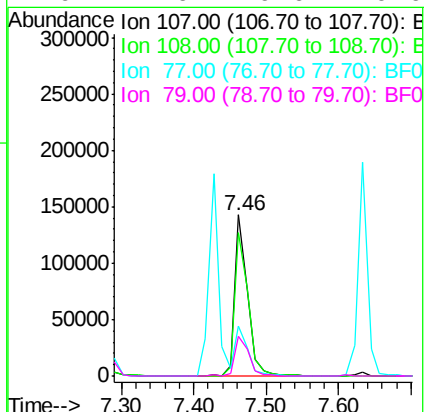
Ion Ratio Lower Upper

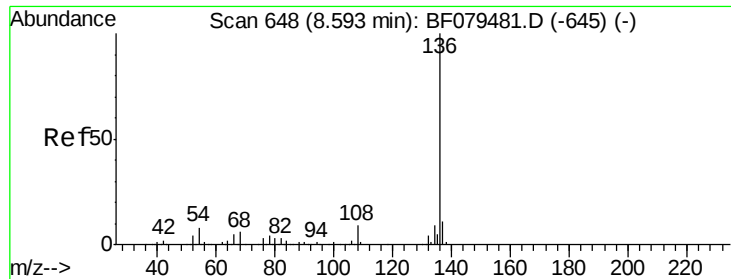
107 100

108 88.9 77.7 117.7

77 31.3 11.4 51.4

79 24.6 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.48 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF079631.D

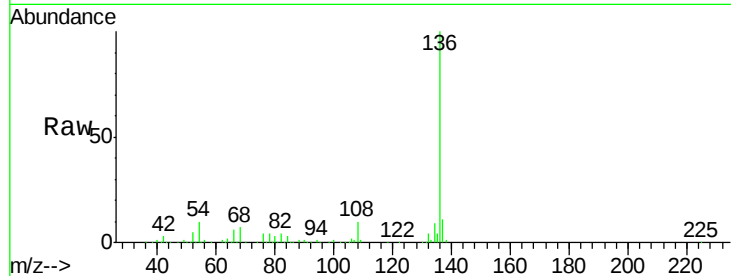
Acq: 31 May 2015 14:19

Instrument :

BNA_F

ClientSampleId :

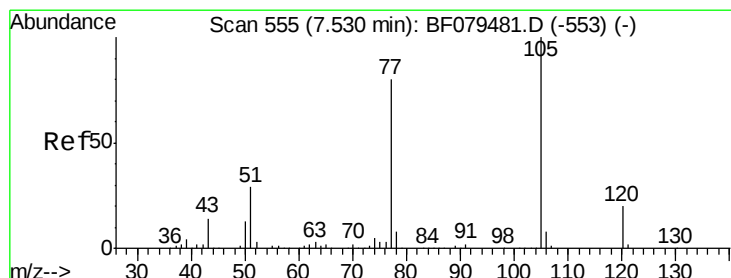
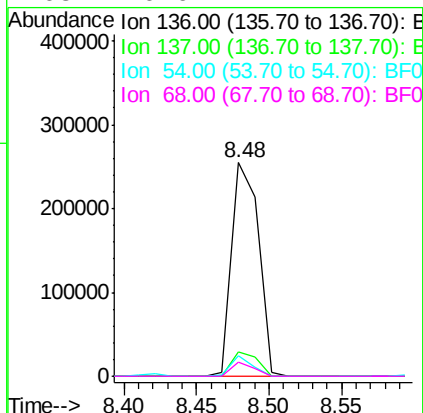
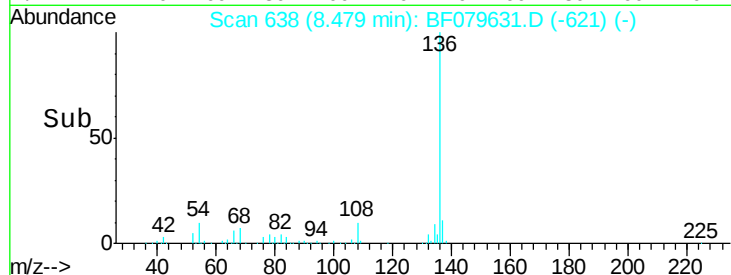
PB83653BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	328082		
137	11.2	8.5	12.7	
54	9.6	6.6	9.8	
68	6.6	4.7	7.1	

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#22

Acetophenone

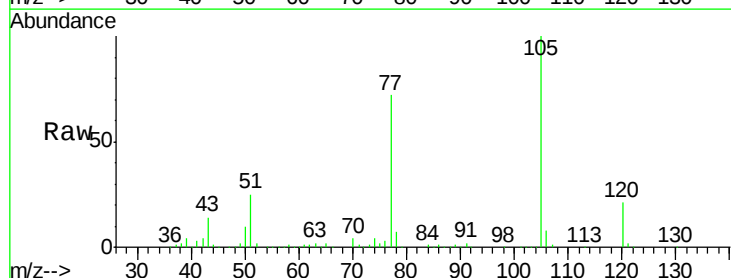
Concen: 31.36 ng

RT: 7.43 min Scan# 546

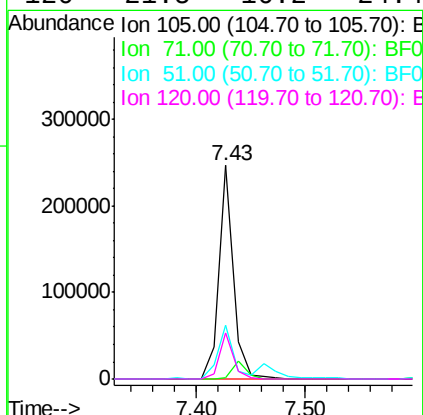
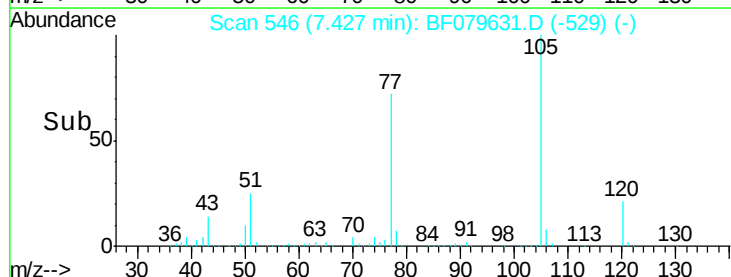
Delta R.T. -0.00 min

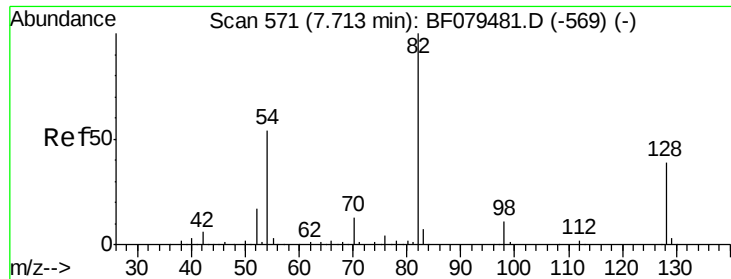
Lab File: BF079631.D

Acq: 31 May 2015 14:19



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	230502		
71	0.6	0.2	0.4#	
51	25.0	23.7	35.5	
120	21.5	16.2	24.4	





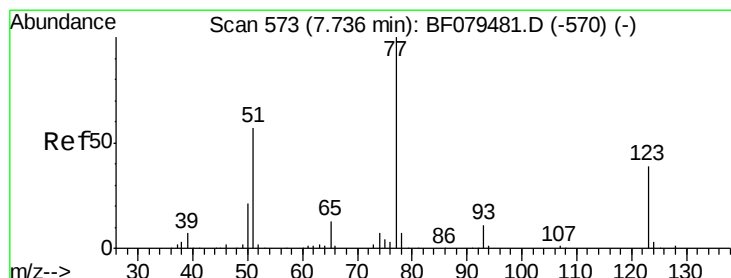
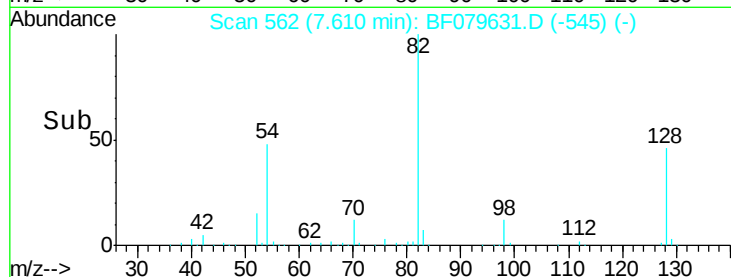
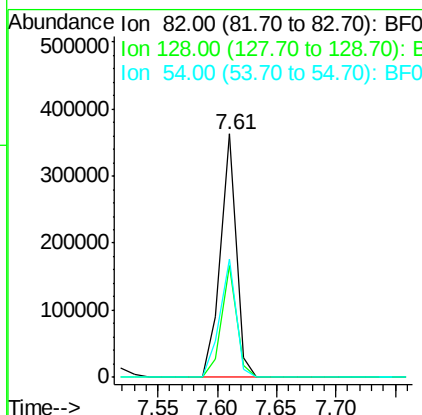
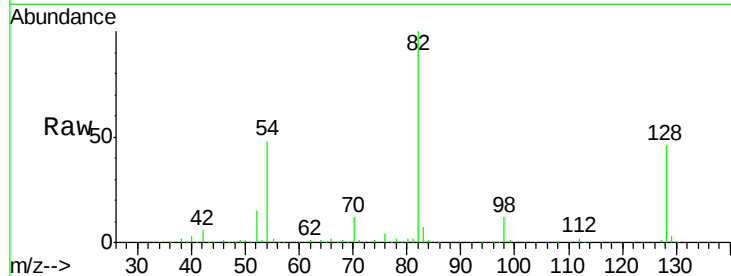
#23
 Nitrobenzene-d5
 Concen: 58.91 ng
 RT: 7.61 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	46.2	30.8	46.2
54	48.5	42.8	64.2

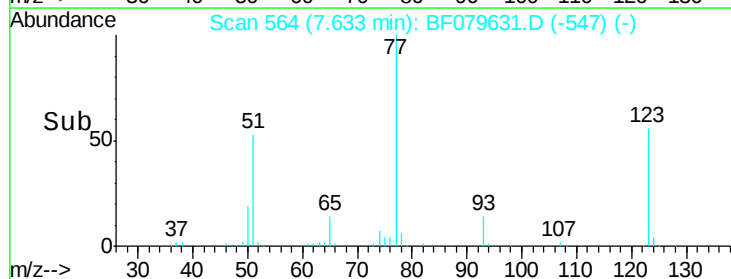
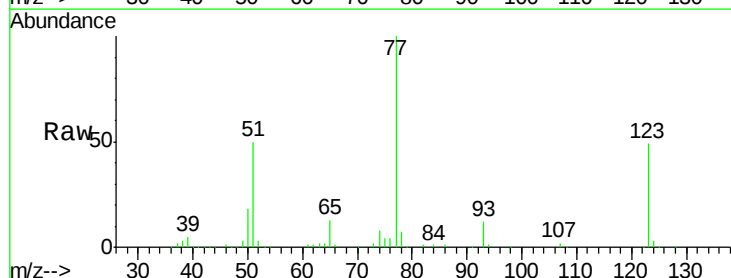
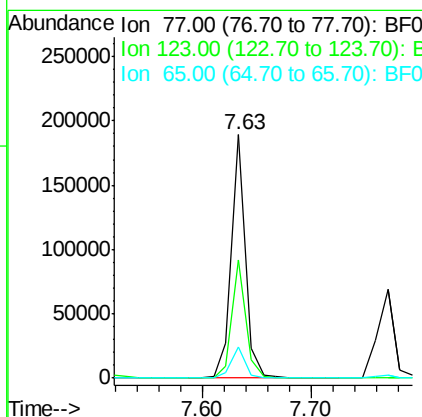
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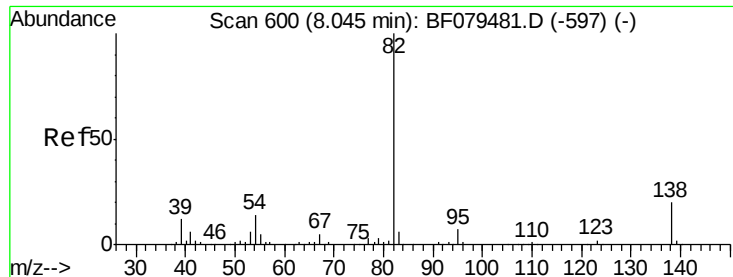
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#24
 Nitrobenzene
 Concen: 30.19 ng
 RT: 7.63 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	48.6	31.0	46.4#
65	12.6	10.6	15.8





#25

Isophorone

Concen: 29.43 ng

RT: 7.93 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Instrument :

BNA_F

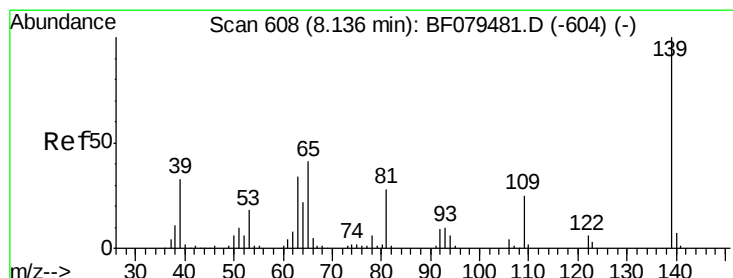
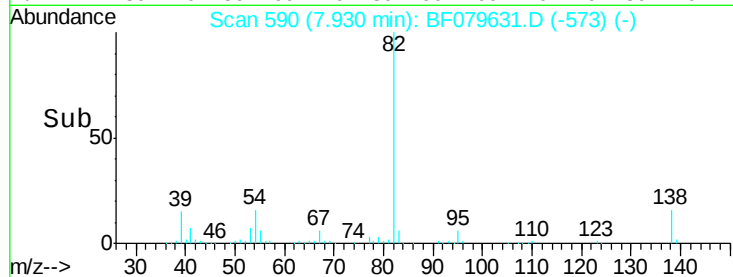
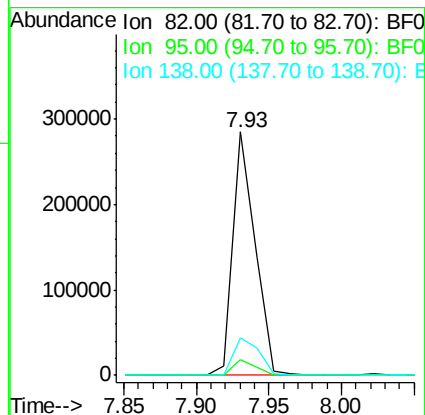
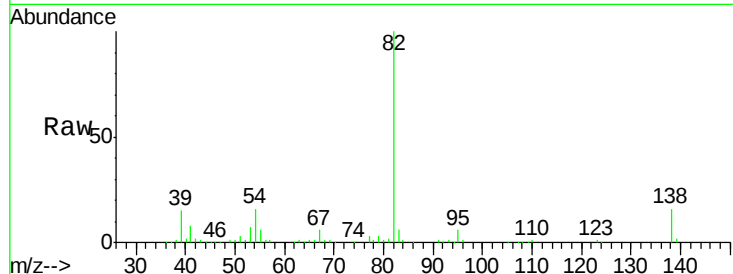
ClientSampleId :

PB83653BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	304491		
95	6.4	5.5	8.3	
138	15.7	16.1	24.1#	

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#26

2-Nitrophenol

Concen: 29.69 ng

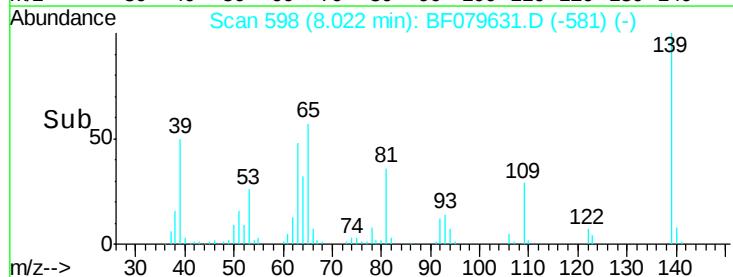
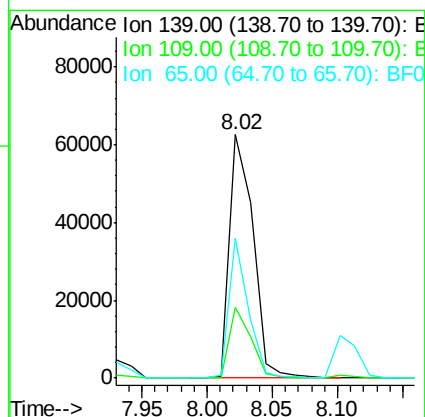
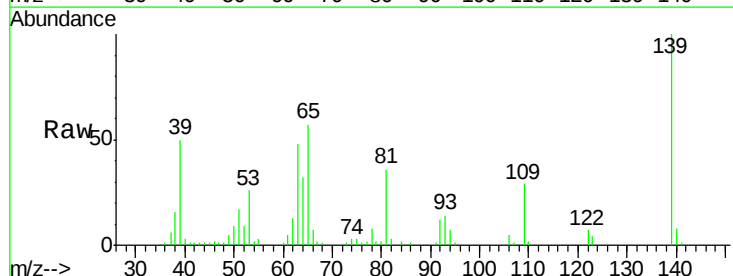
RT: 8.02 min Scan# 598

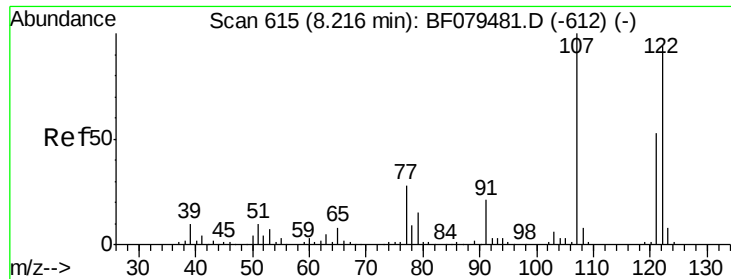
Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	78629		
109	29.1	20.2	30.2	
65	57.5	32.5	48.7#	





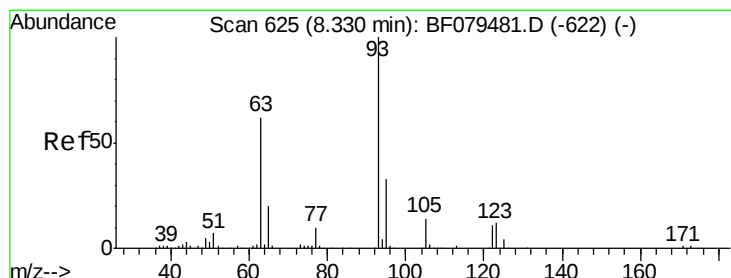
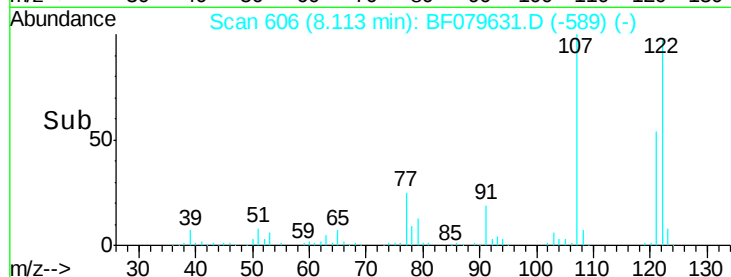
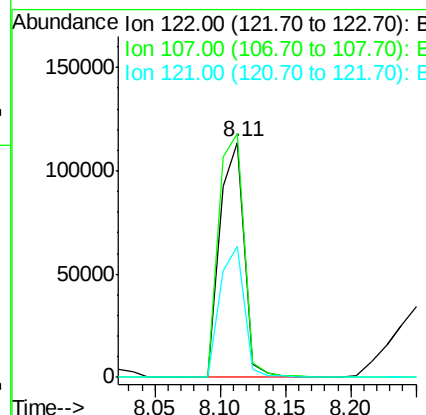
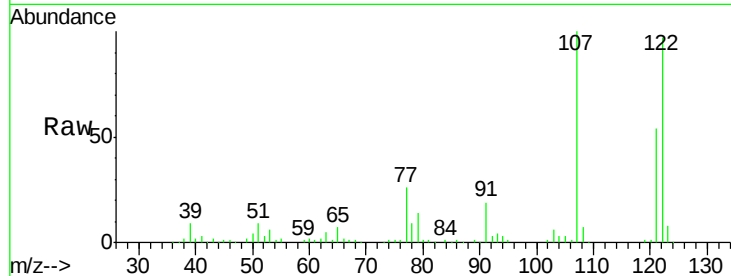
#27
 2,4-Dimethylphenol
 Concen: 31.21 ng
 RT: 8.11 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	148582		
107	103.5	85.2	127.8	
121	55.4	45.2	67.8	

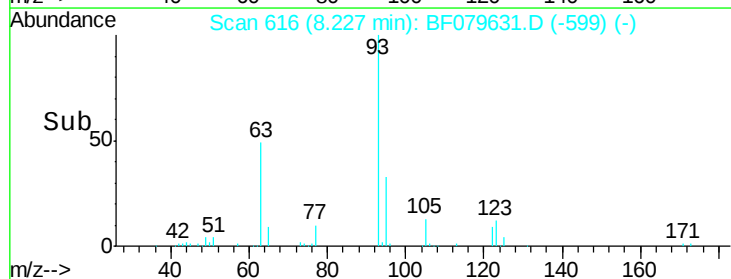
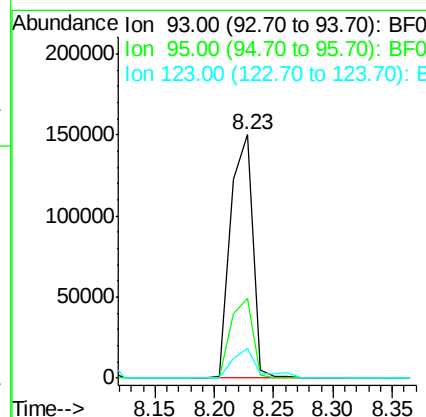
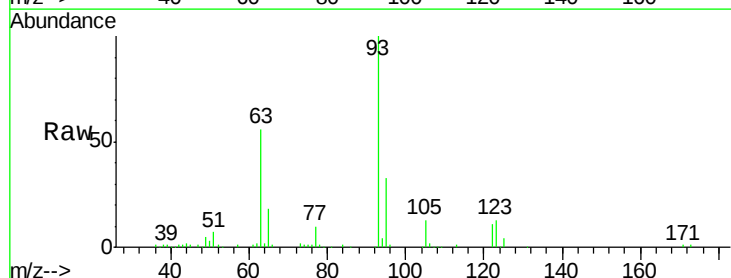
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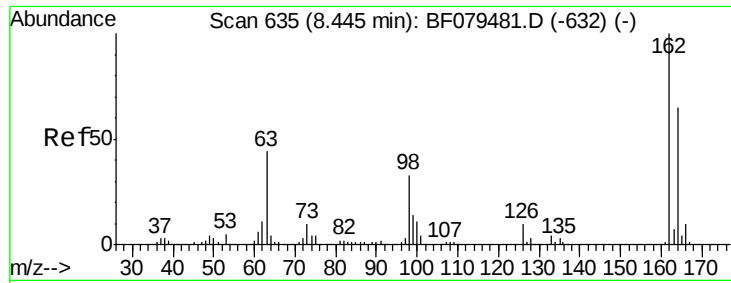
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#28
 bis(2-Chloroethoxy)methane
 Concen: 30.08 ng
 RT: 8.23 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	192882		
95	32.5	26.6	39.8	
123	12.5	9.4	14.0	





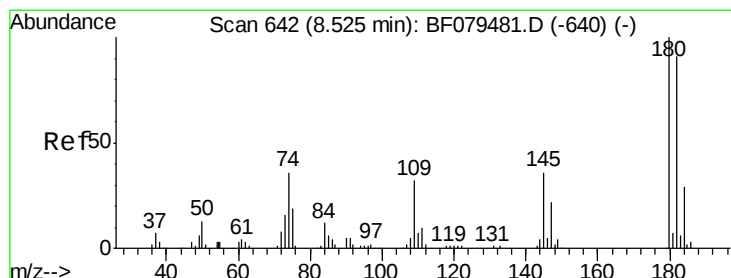
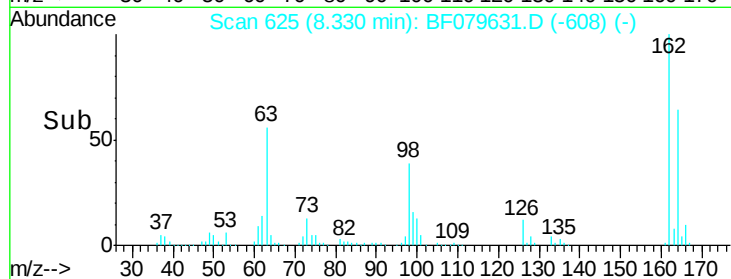
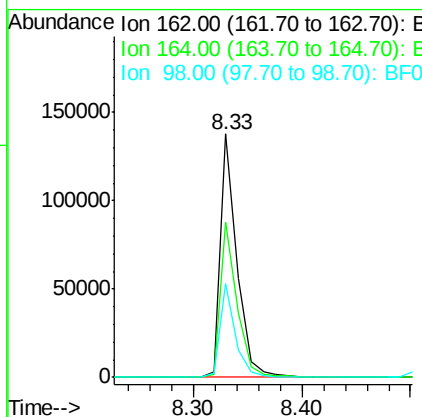
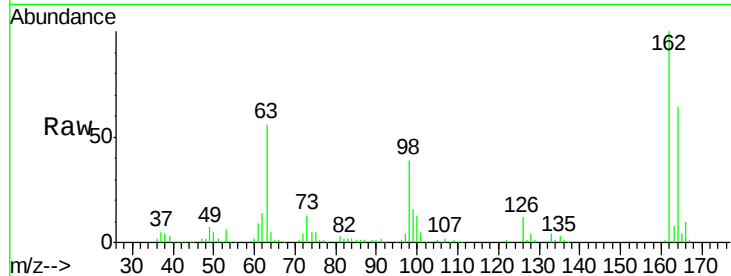
#29
 2,4-Dichlorophenol
 Concen: 33.38 ng
 RT: 8.33 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS

Tgt Ion:	162	Resp:	145551
Ion Ratio	Lower	Upper	
162	100		
164	63.7	45.0	85.0
98	38.7	13.2	53.2

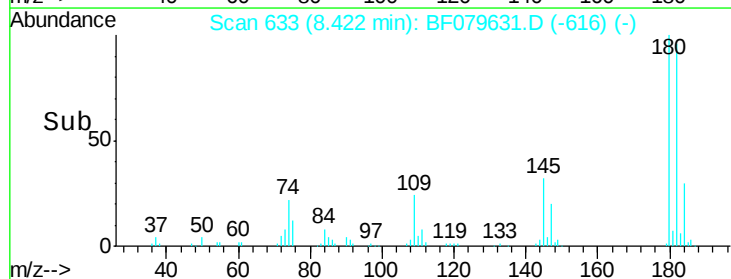
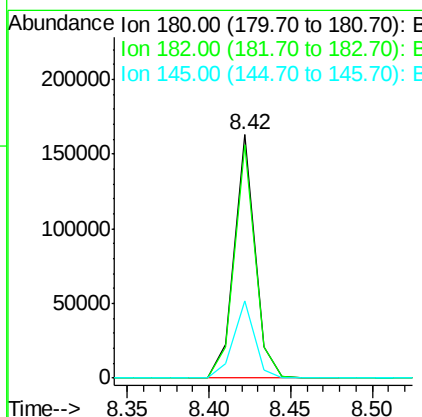
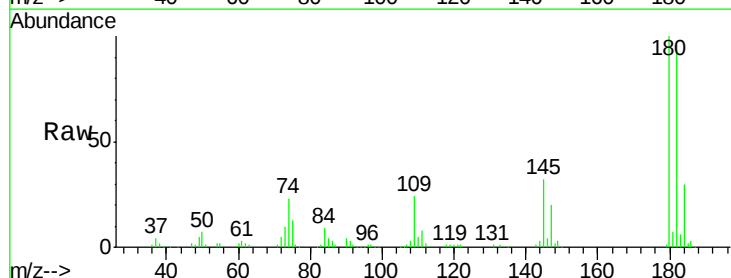
Manual Integrations
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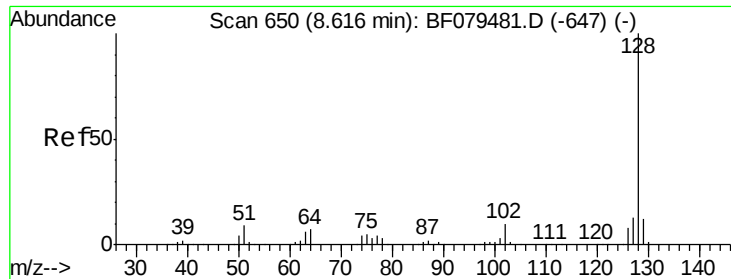
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.50 ng
 RT: 8.42 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Tgt Ion:	180	Resp:	142495
Ion Ratio	Lower	Upper	
180	100		
182	96.1	73.2	109.8
145	31.5	28.9	43.3





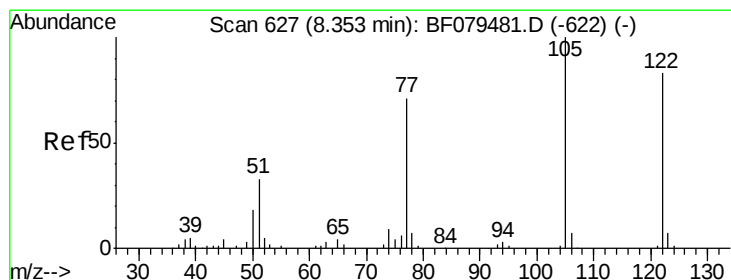
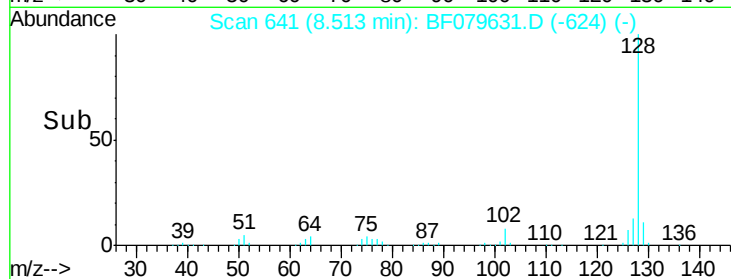
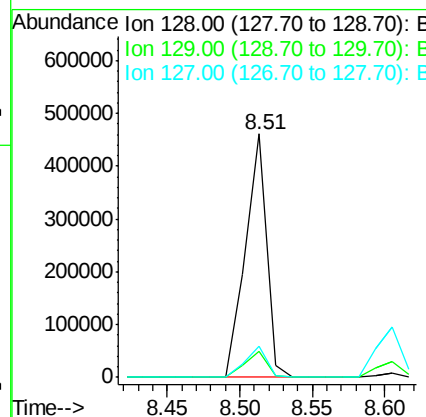
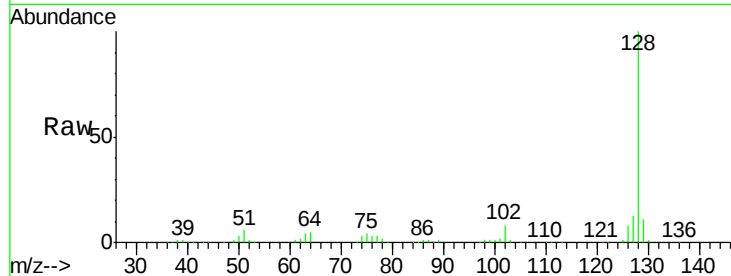
#31
Naphthalene
Concen: 29.75 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Instrument :
BNA_F
ClientSampleId :
PB83653BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	468475		
129	10.9		9.3	13.9
127	13.0		10.6	15.8

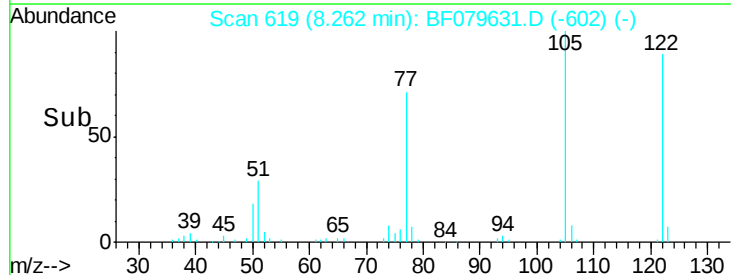
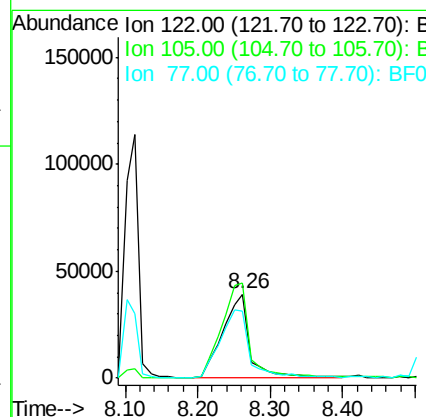
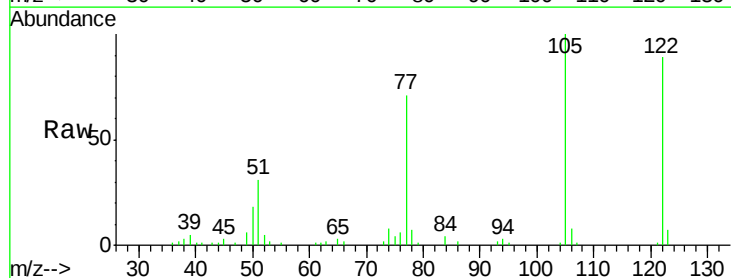
Manual Integrations
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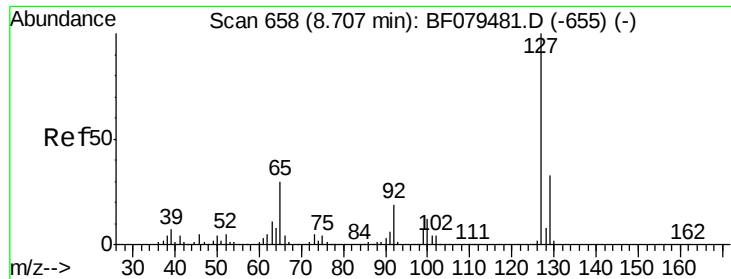
apatel
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#32
Benzoic acid
Concen: 34.98 ng
RT: 8.26 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	103346		
105	112.4		100.2	140.2
77	80.0		64.8	104.8





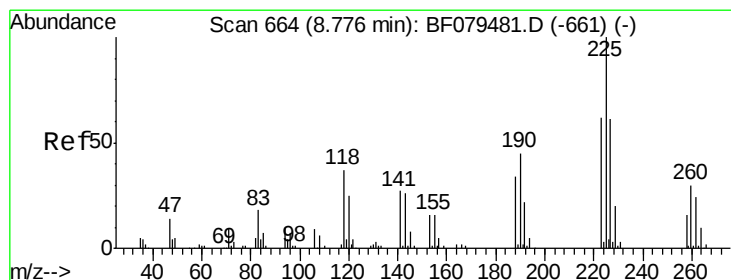
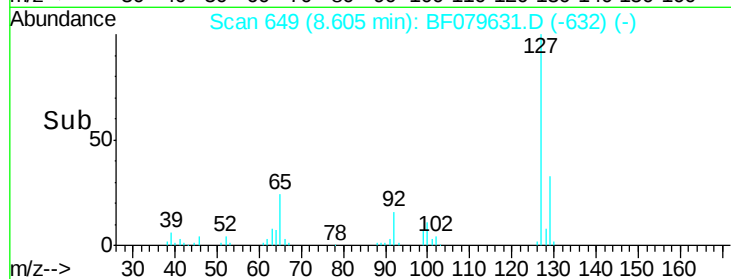
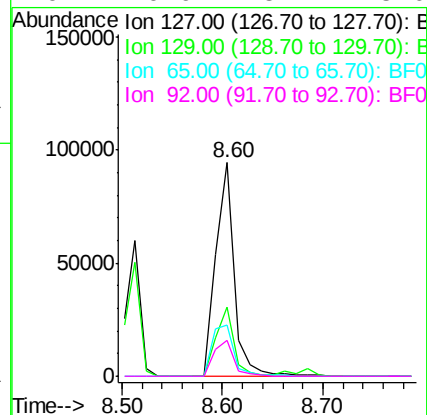
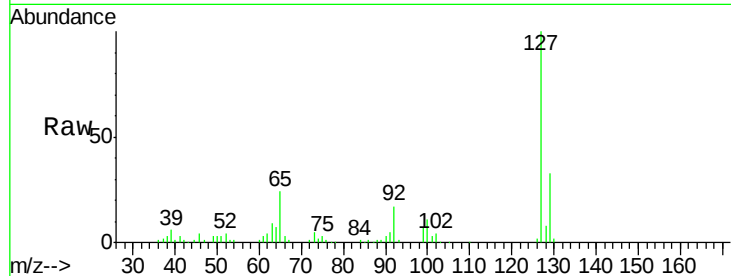
#33
4-Chloroaniline
Concen: 18.31 ng
RT: 8.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Instrument :
BNA_F
ClientSampleId :
PB83653BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	120427		
129	32.7	26.2	39.2	
65	24.0	24.2	36.4	
92	16.9	15.4	23.0	

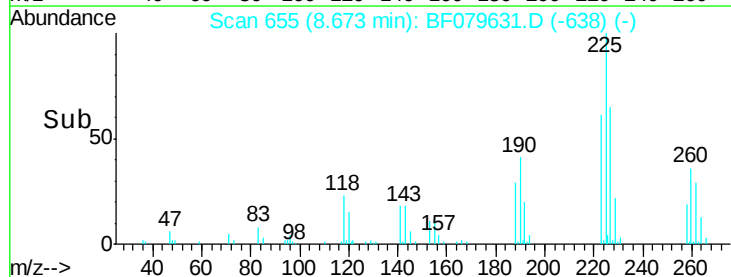
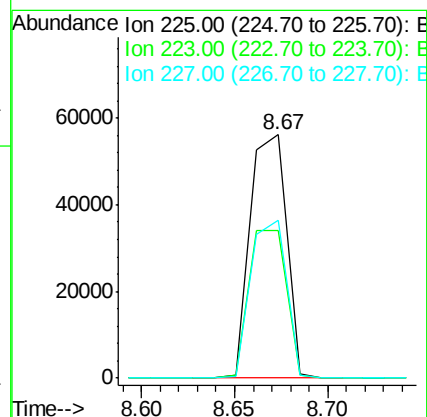
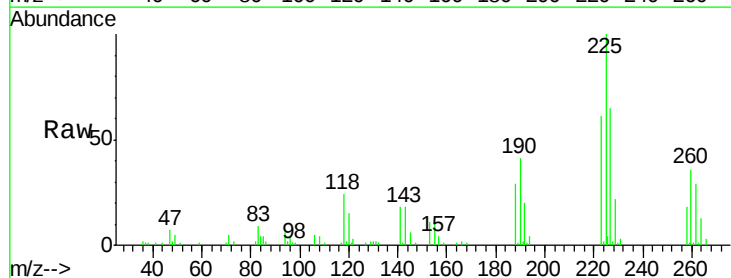
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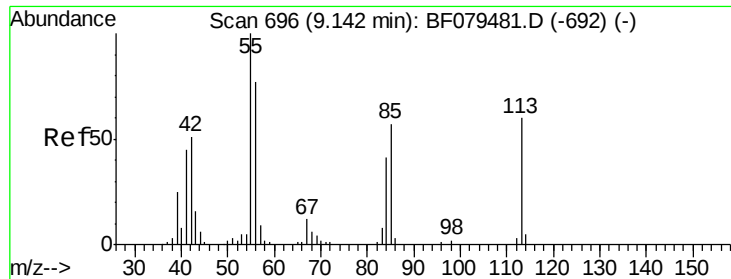
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#34
Hexachlorobutadiene
Concen: 29.54 ng
RT: 8.67 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	76020		
223	60.8	49.9	74.9	
227	64.6	48.9	73.3	





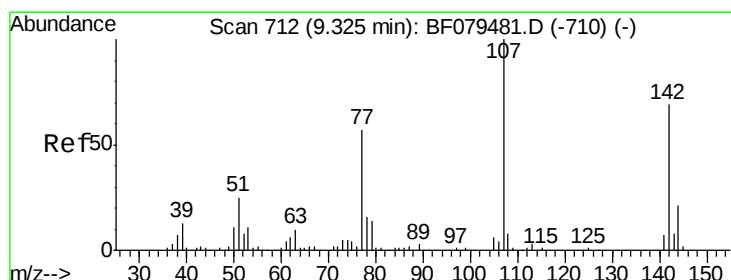
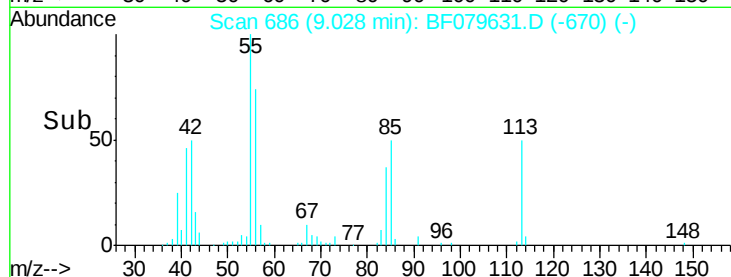
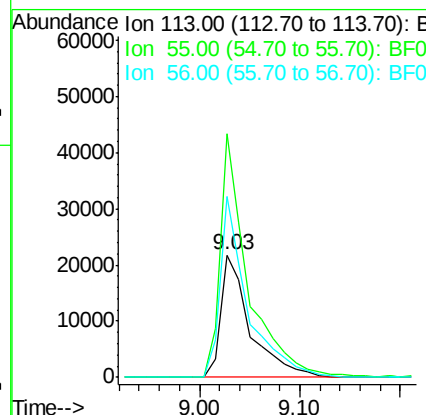
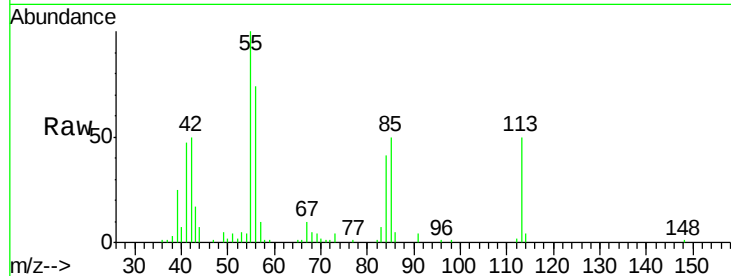
#35
 Caprolactam
 Concen: 31.97 ng
 RT: 9.03 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	198.8	147.2	187.2#
56	147.6	108.6	148.6

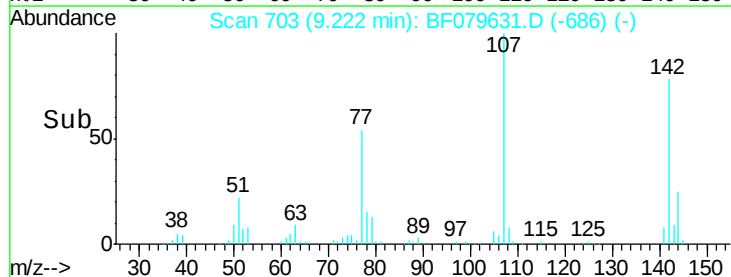
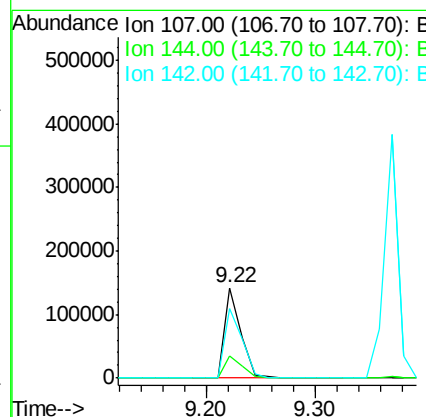
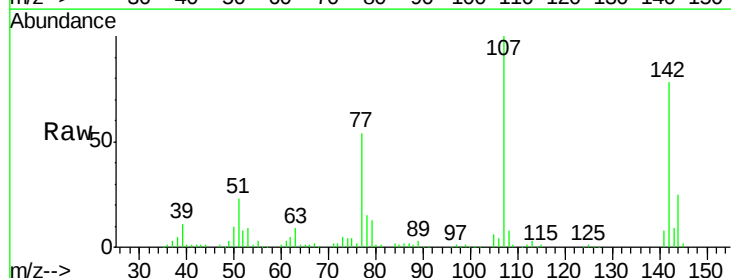
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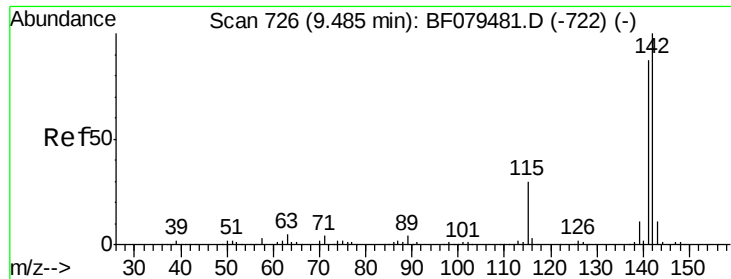
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#36
 4-Chloro-3-methylphenol
 Concen: 32.65 ng
 RT: 9.22 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

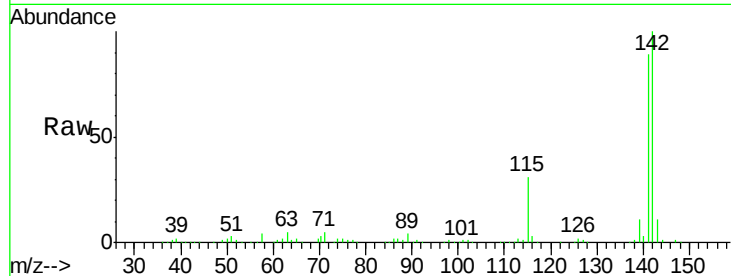
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	16.9	25.3
142	77.8	55.2	82.8





#37
2-Methylnaphthalene
Concen: 31.21 ng
RT: 9.37 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

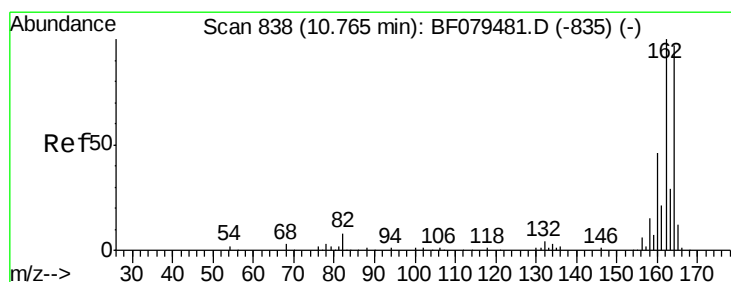
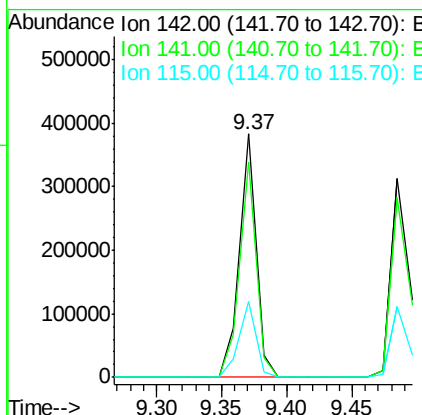
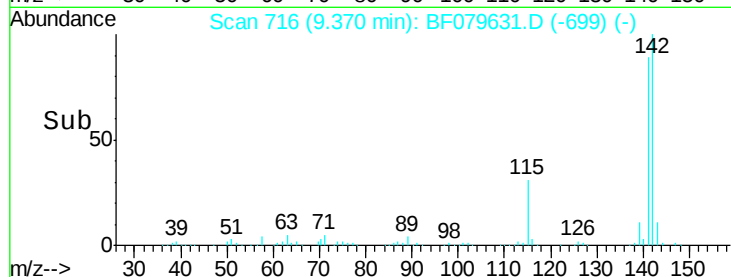
Instrument :
BNA_F
ClientSampleId :
PB83653BS



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	341120		
141	88.5	69.5	104.3	
115	31.3	23.8	35.6	

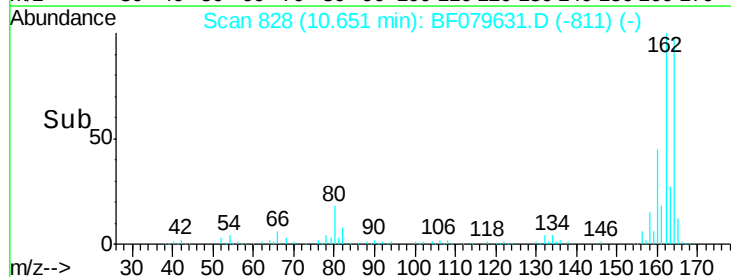
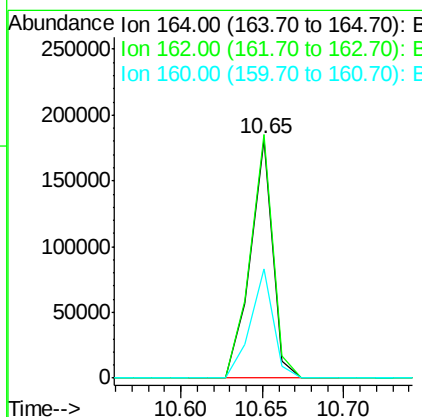
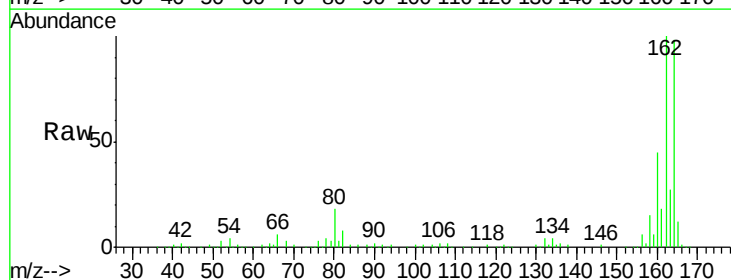
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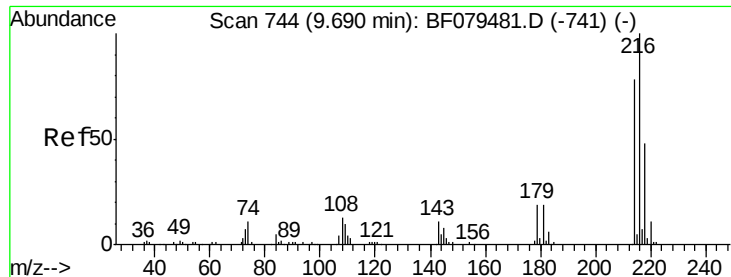
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.65 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	173011		
162	102.1	82.6	124.0	
160	46.0	37.7	56.5	





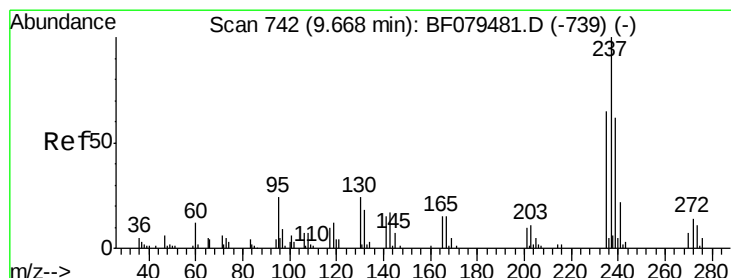
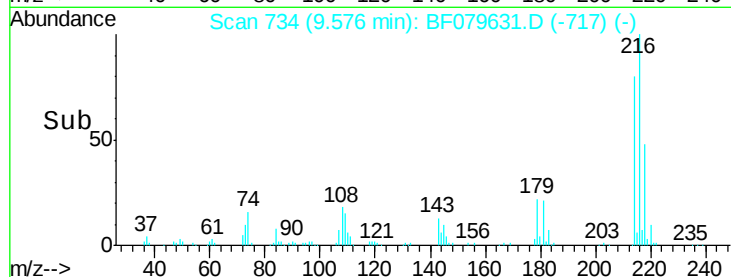
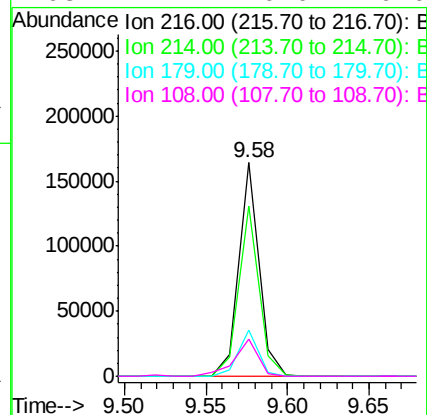
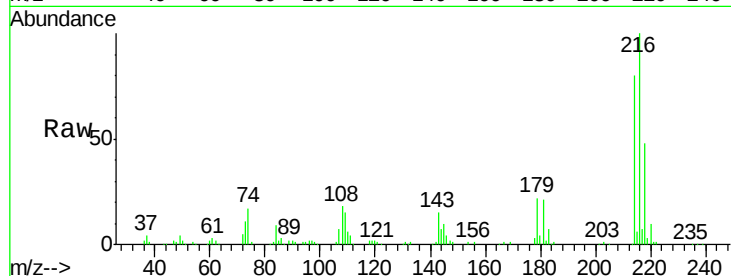
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.74 ng
 RT: 9.58 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Instrument :
 BNA_F
 ClientSampleID :
 PB83653BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	139067		
214	79.8	0.0	0.0	0.0
179	21.9	0.0	0.0	0.0
108	22.2	0.0	0.0	0.0

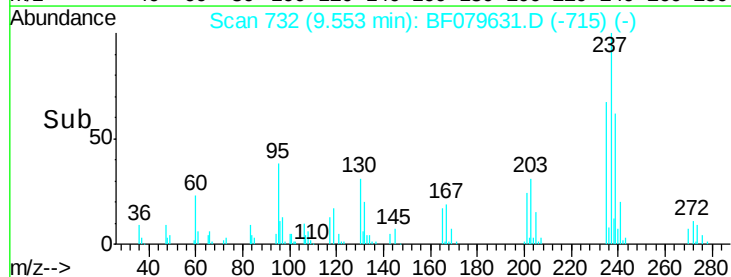
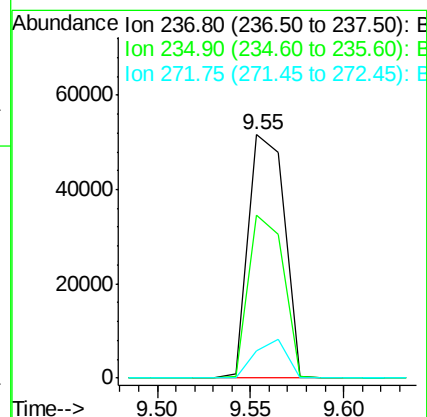
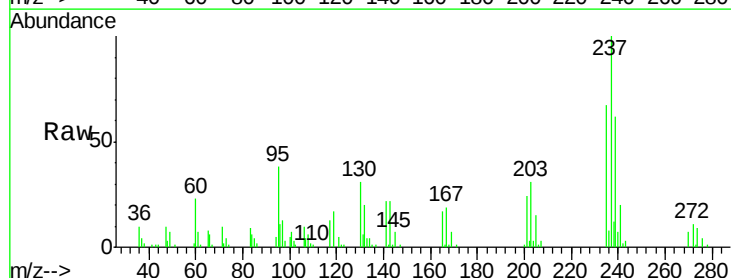
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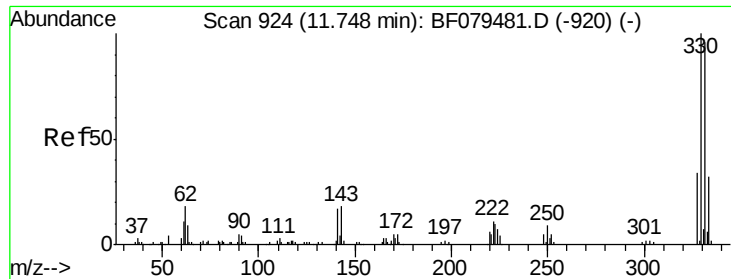
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#40
 Hexachlorocyclopentadiene
 Concen: 55.97 ng
 RT: 9.55 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	69079		
235	67.0	45.0	85.0	
272	11.3	0.0	33.9	





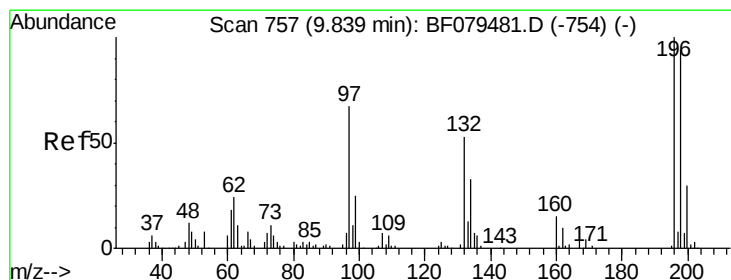
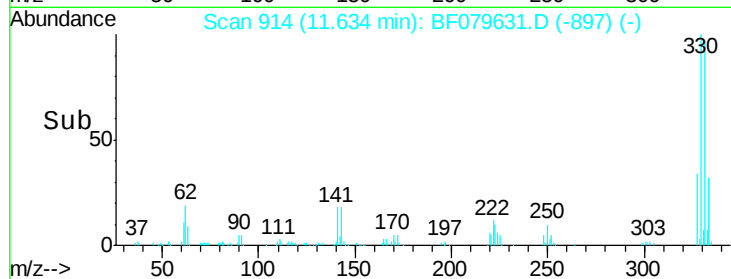
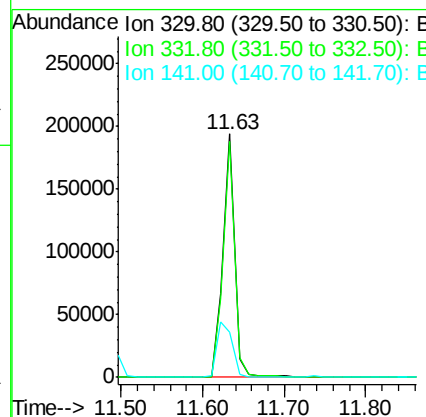
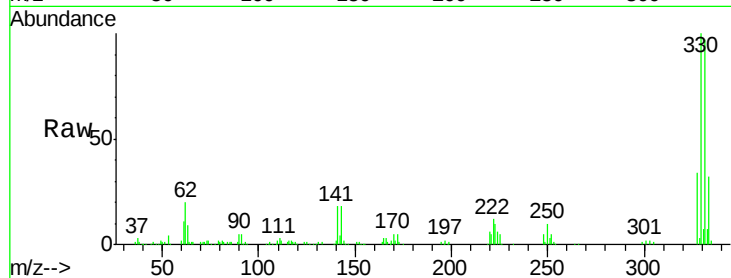
#41
 2,4,6-Tribromophenol
 Concen: 103.10 ng
 RT: 11.63 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.5	0.0	0.0#
141	30.1	0.0	0.0#

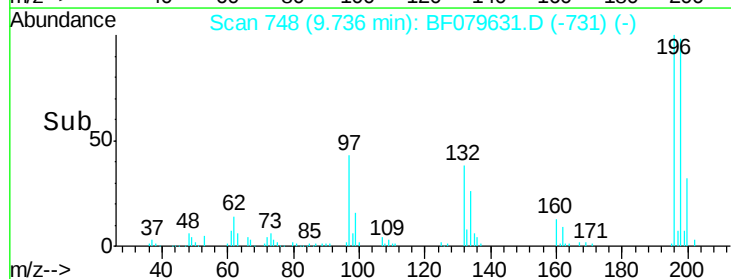
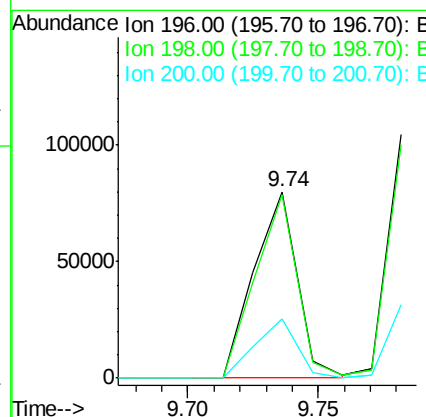
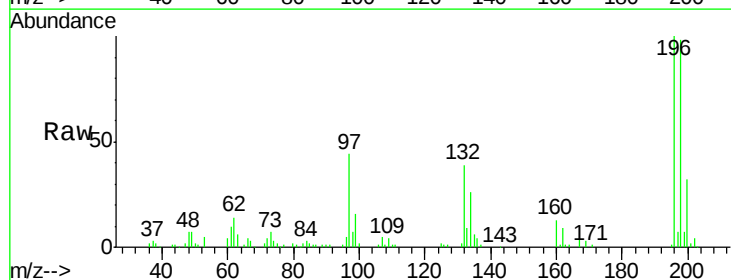
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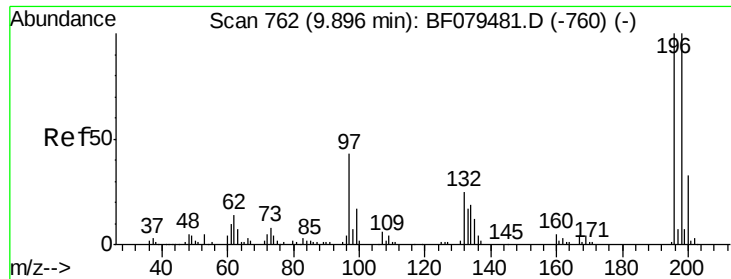
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#42
 2,4,6-Trichlorophenol
 Concen: 27.18 ng
 RT: 9.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

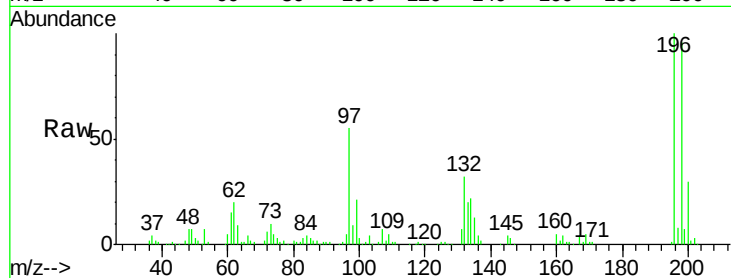
Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	98.1	75.3	112.9
200	31.9	23.8	35.8





#43
 2,4,5-Trichlorophenol
 Concen: 30.71 ng
 RT: 9.78 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

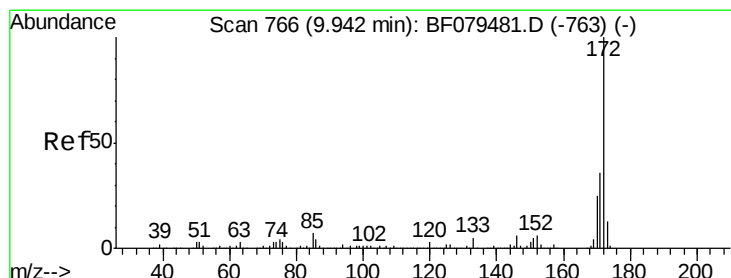
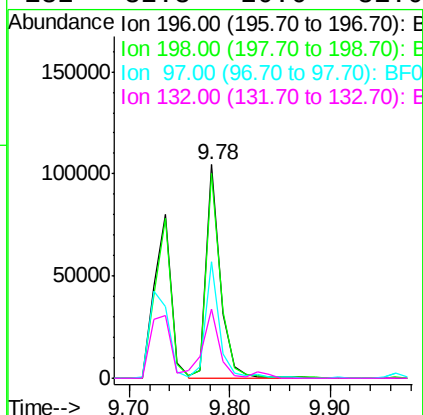
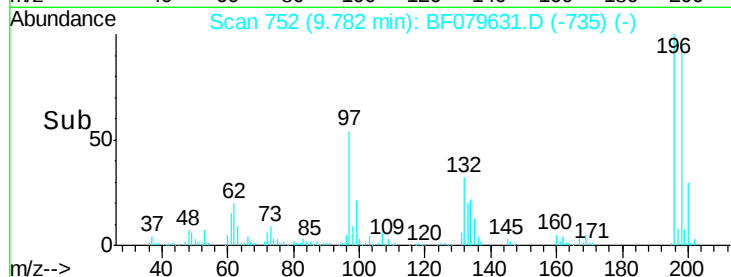
Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	103305		
198	95.8	80.3	120.5	
97	54.5	34.8	52.2	#
132	32.3	20.6	31.0	#

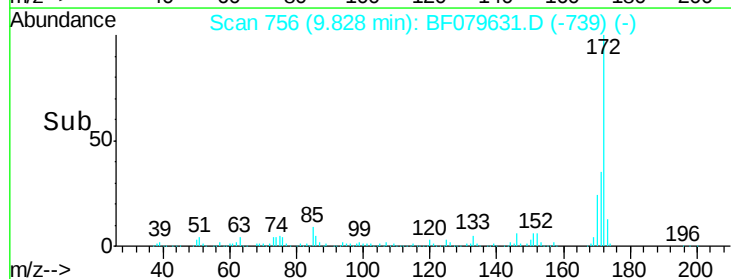
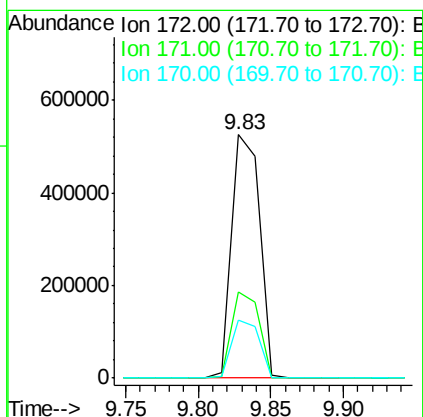
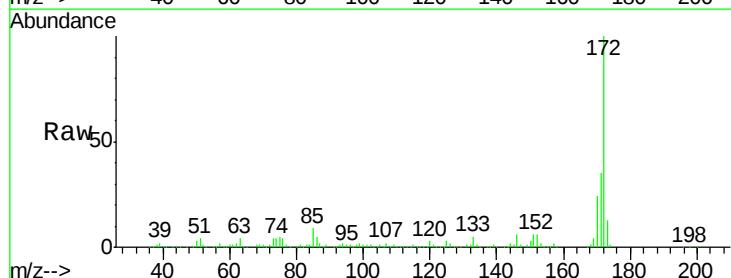
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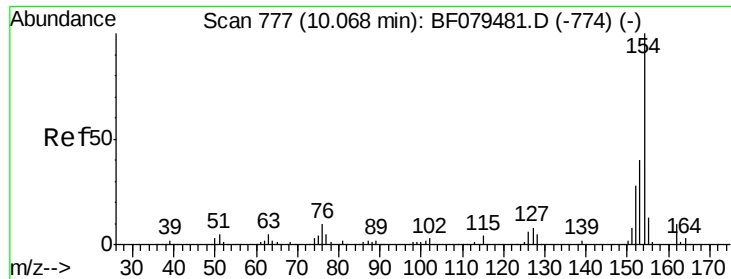
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#44
 2-Fluorobiphenyl
 Concen: 57.88 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	701903		
171	35.5	28.5	42.7	
170	23.8	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 30.19 ng

RT: 9.95 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Instrument :

BNA_F

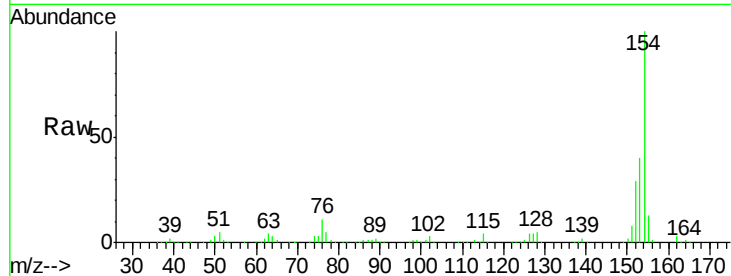
ClientSampleId :

PB83653BS

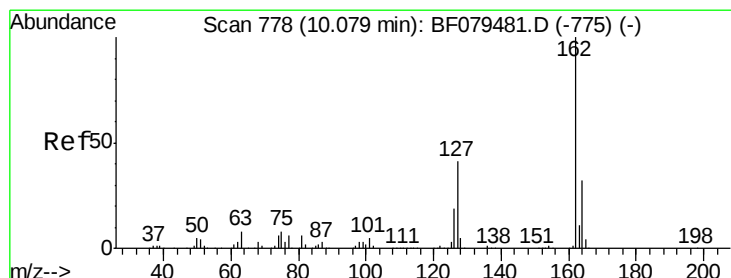
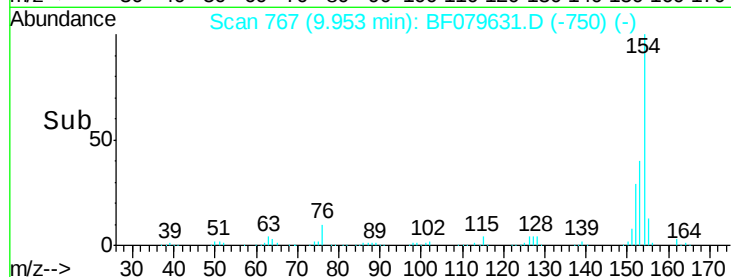
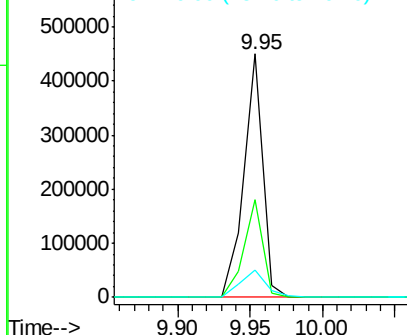
Tgt Ion:	154	Resp:	408017
Ion Ratio	Lower	Upper	
154	100		
153	40.1	19.5	59.5
76	11.0	0.0	29.6

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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: 28.54 ng

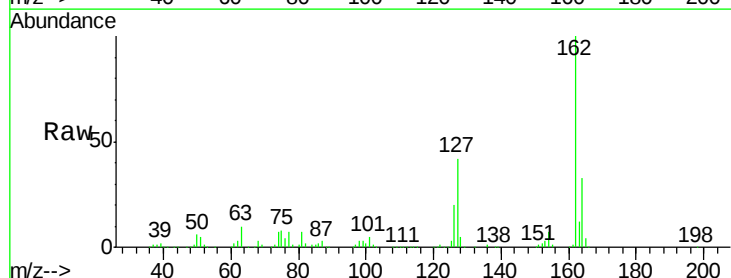
RT: 9.96 min Scan# 768

Delta R.T. -0.00 min

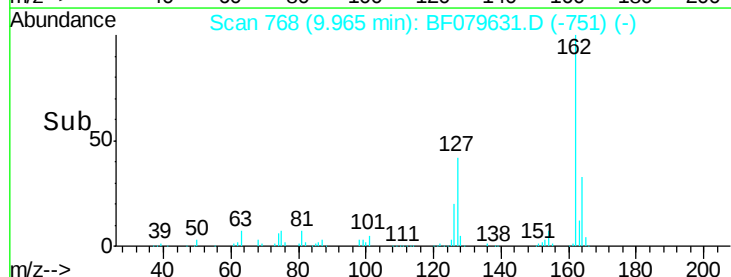
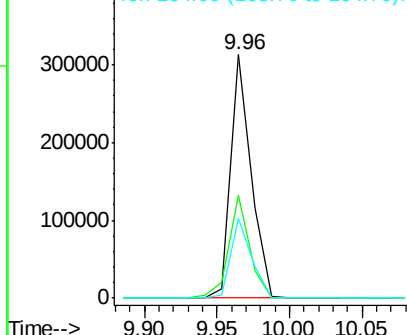
Lab File: BF079631.D

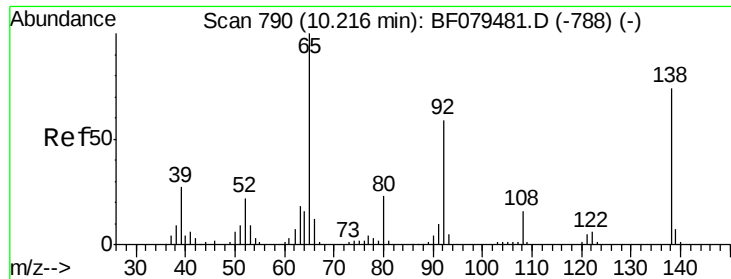
Acq: 31 May 2015 14:19

Tgt Ion:	162	Resp:	304626
Ion Ratio	Lower	Upper	
162	100		
127	42.4	32.7	49.1
164	32.8	25.8	38.6



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





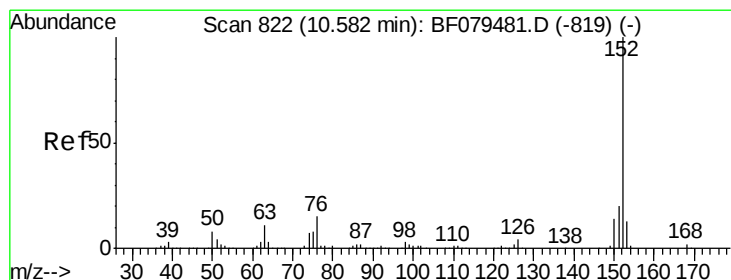
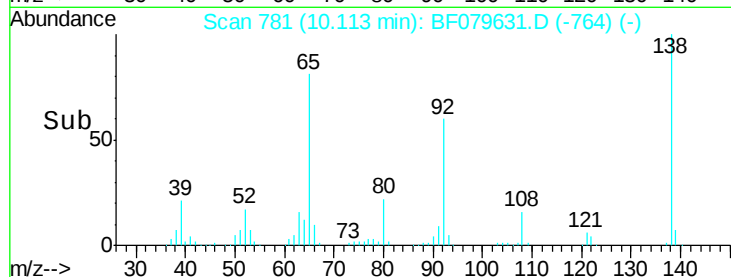
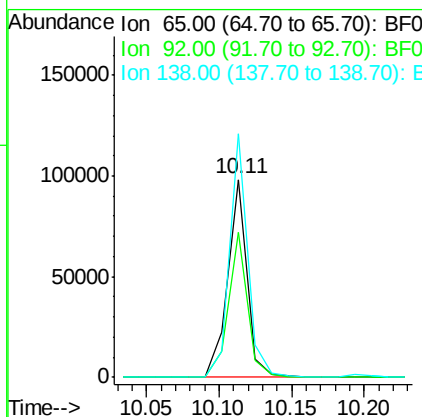
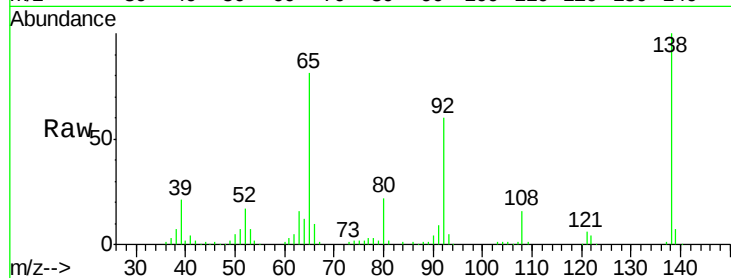
#47
2-Nitroaniline
Concen: 28.65 ng
RT: 10.11 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Instrument :
BNA_F
ClientSampleId :
PB83653BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	47.2	70.8#
138	123.1	59.2	88.8#

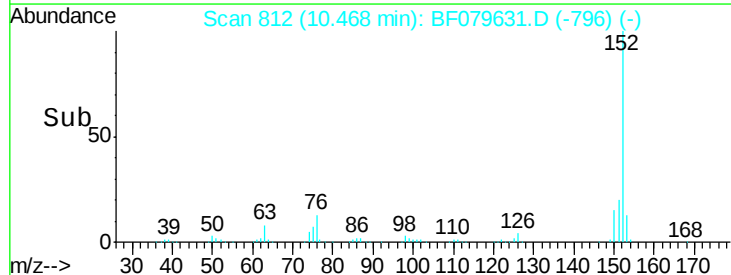
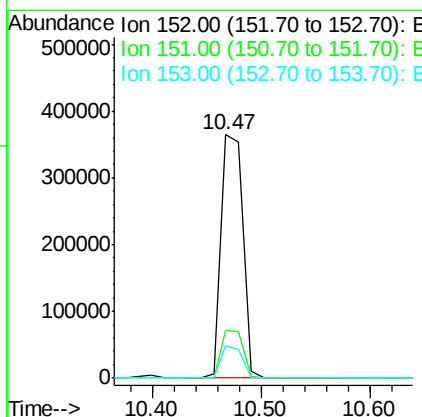
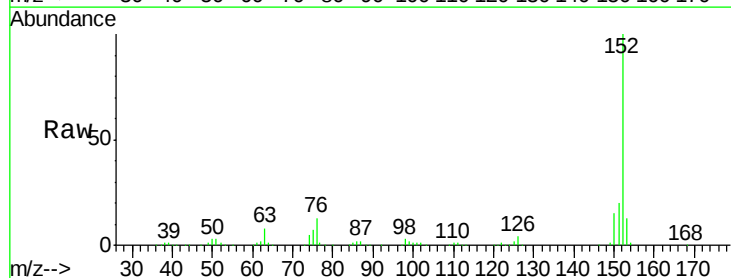
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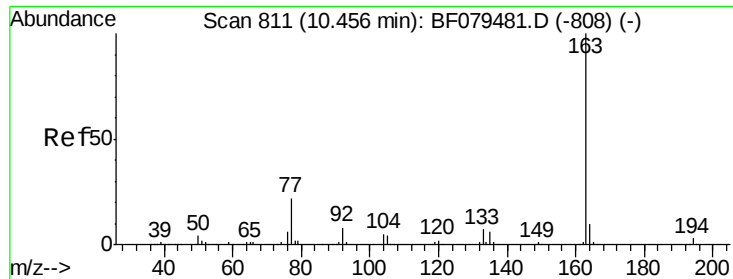
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#48
Acenaphthylene
Concen: 28.58 ng
RT: 10.47 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.4	10.7	16.1





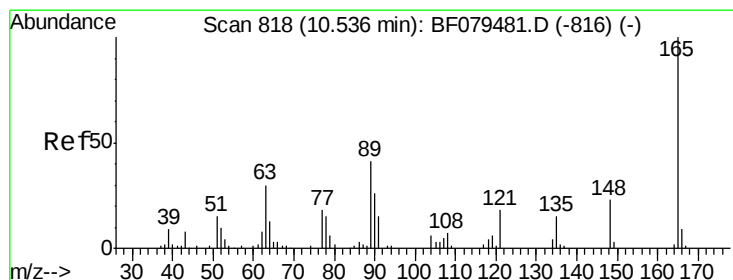
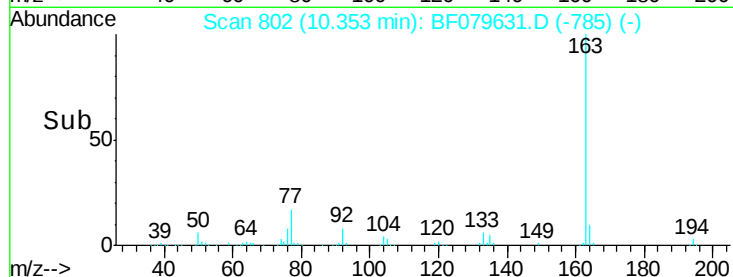
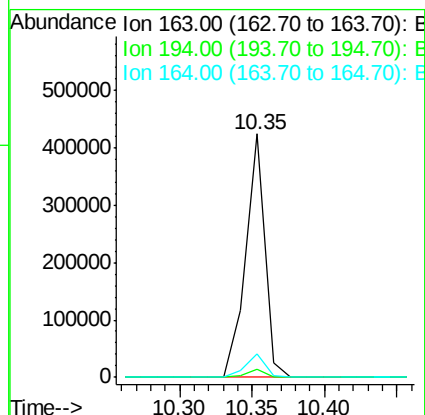
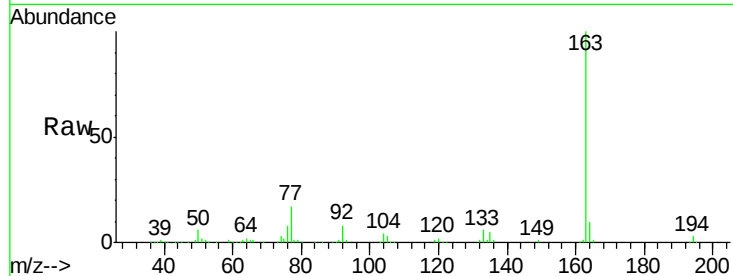
#49
Dimethylphthalate
Concen: 30.64 ng
RT: 10.35 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Instrument :
BNA_F
ClientSampleId :
PB83653BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.4	3.6
164	9.8	8.2	12.4

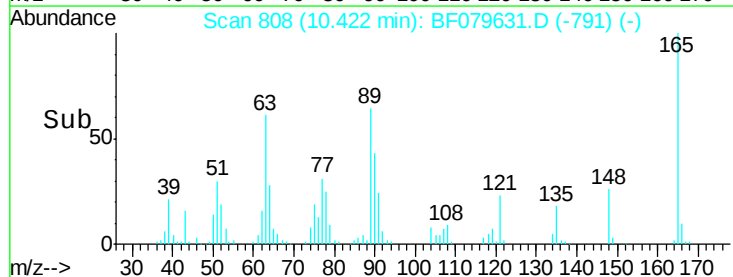
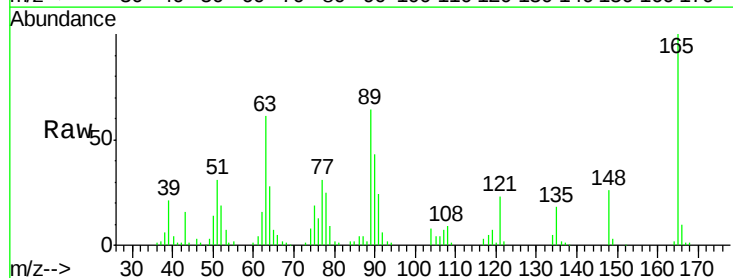
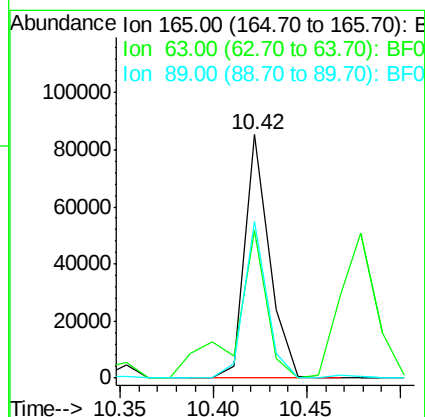
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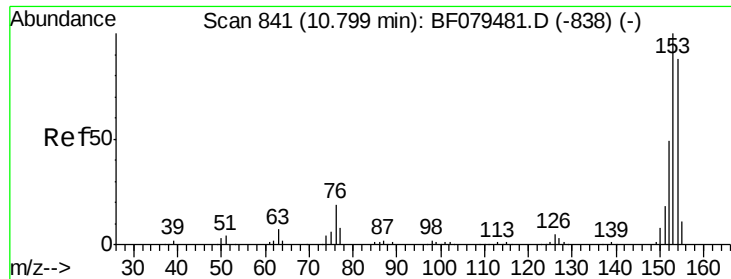
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#50
2,6-Dinitrotoluene
Concen: 30.65 ng
RT: 10.42 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	60.6	27.7	41.5#
89	64.4	33.7	50.5#





#51

Acenaphthene

Concen: 28.51 ng

RT: 10.68 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF079631.D

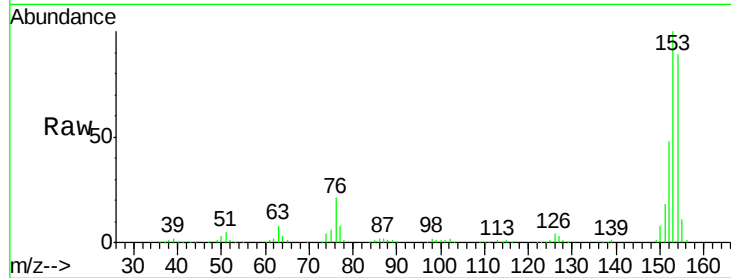
Acq: 31 May 2015 14:19

Instrument :

BNA_F

ClientSampleId :

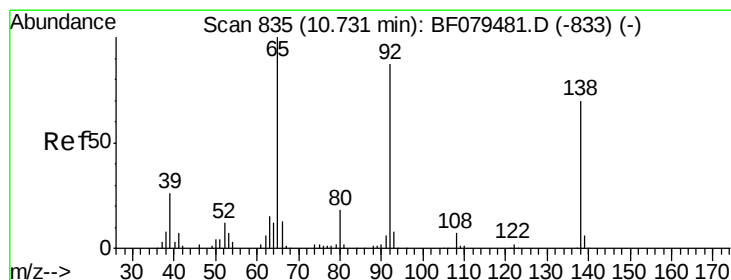
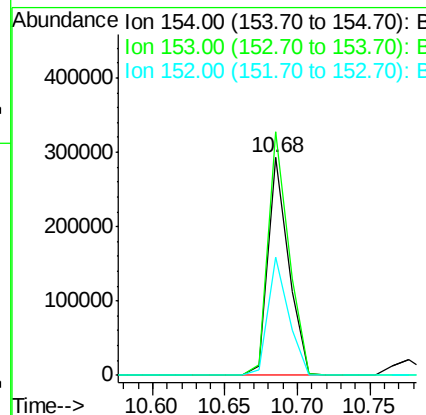
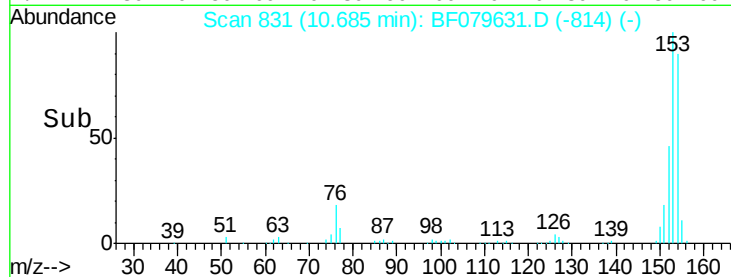
PB83653BS



Tgt Ion:	154	Resp:	288770
Ion Ratio	Lower	Upper	
154	100		
153	111.8	91.1	136.7
152	54.0	44.6	66.8

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#52

3-Nitroaniline

Concen: 20.25 ng

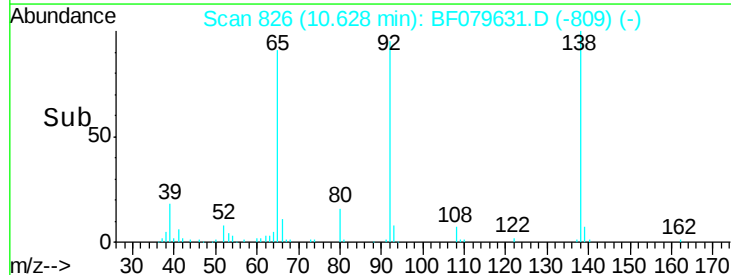
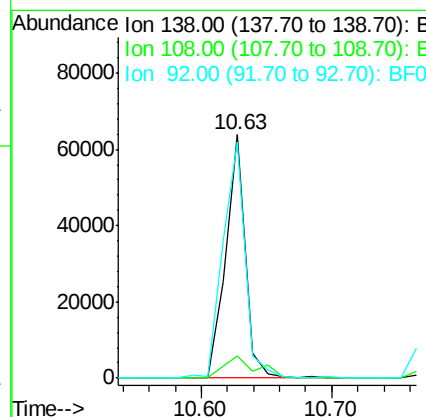
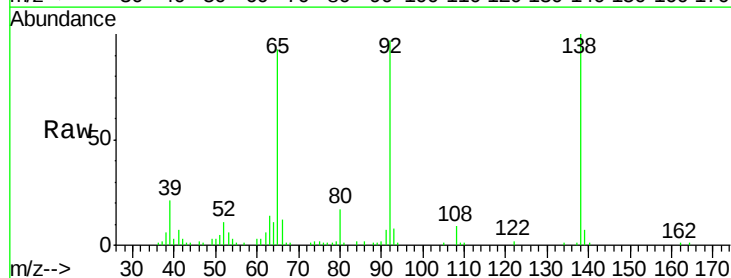
RT: 10.63 min Scan# 826

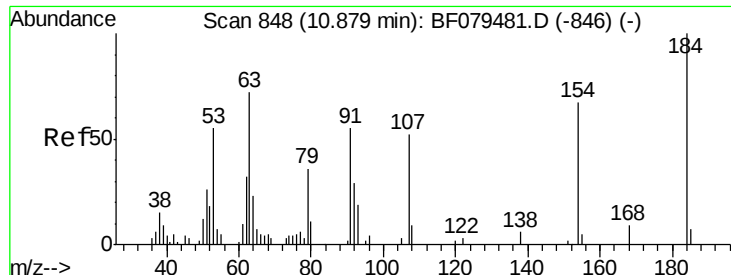
Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Tgt Ion:	138	Resp:	67076
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.0	12.0
92	96.8	99.9	149.9#





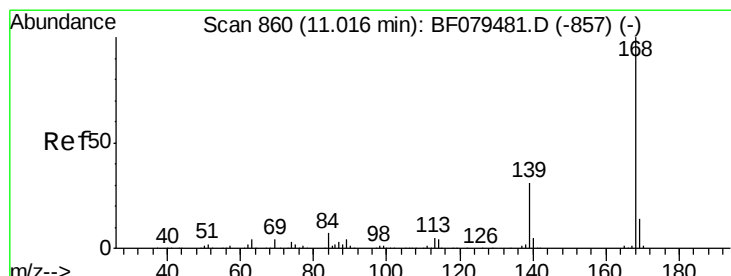
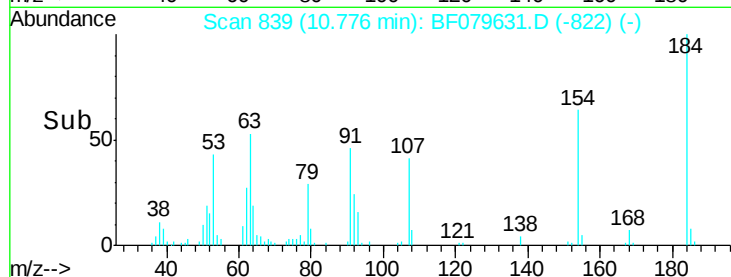
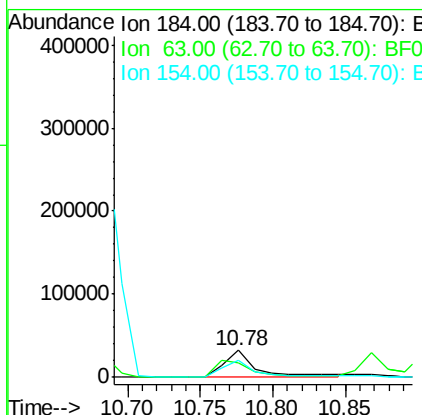
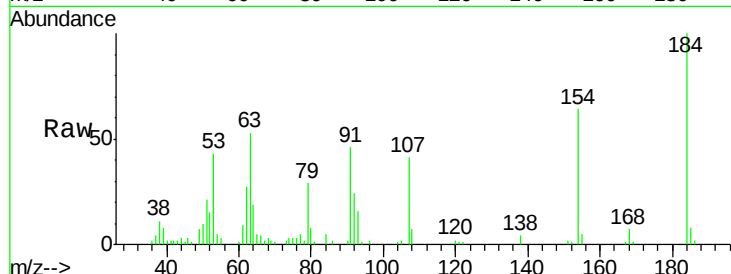
#53
 2,4-Dinitrophenol
 Concen: 57.30 ng
 RT: 10.78 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	51441		
63	53.0	57.7	86.5#	
154	63.7	53.4	80.2	

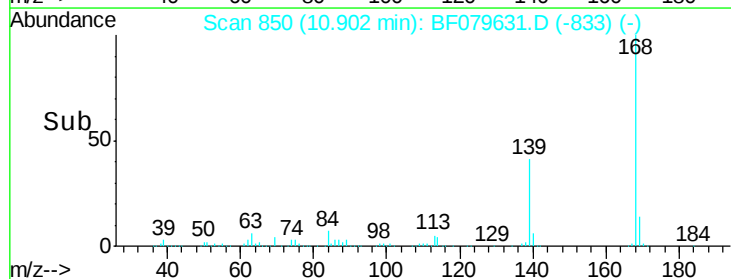
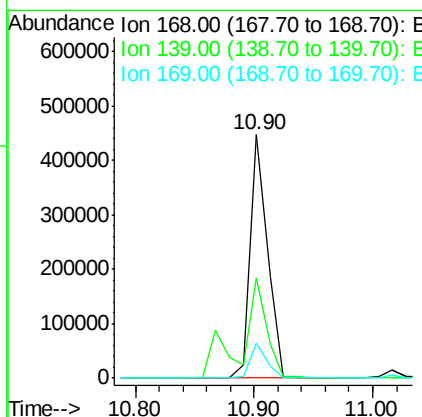
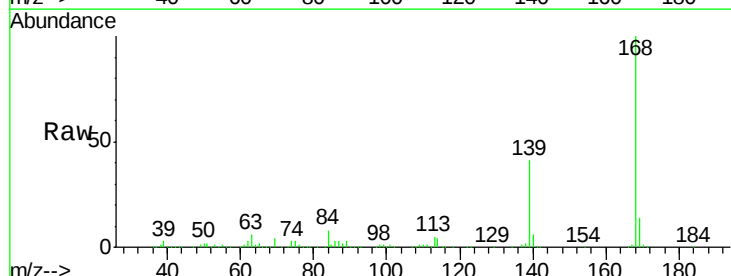
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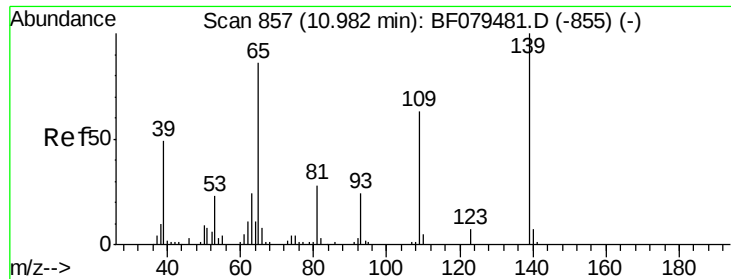
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#54
 Dibenzofuran
 Concen: 30.37 ng
 RT: 10.90 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	453744		
139	41.4	32.9	49.3	
169	14.2	11.1	16.7	





#55

4-Nitrophenol

Concen: 56.65 ng m

RT: 10.87 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Instrument :

BNA_F

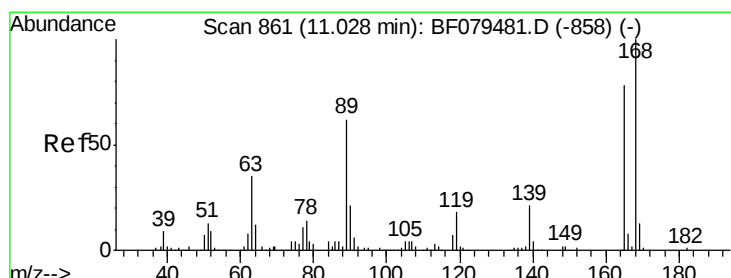
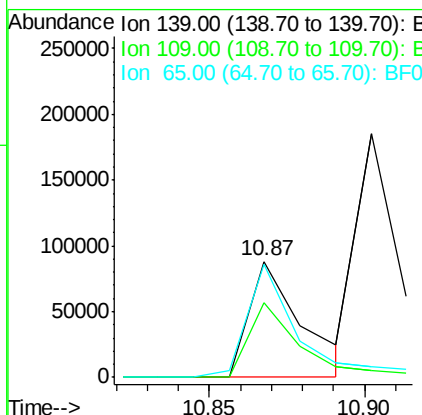
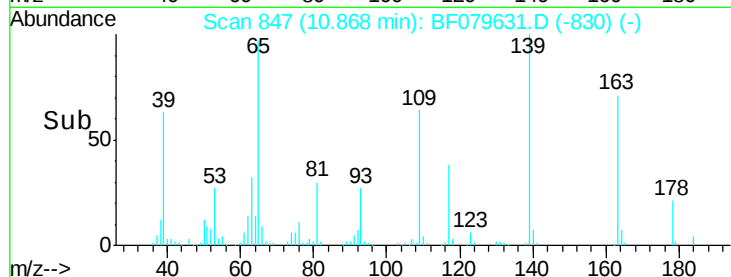
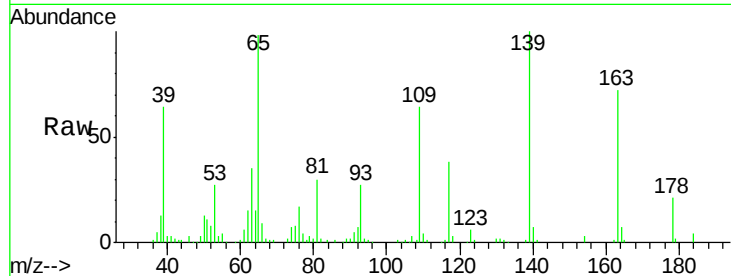
ClientSampleId :

PB83653BS

Tgt Ion:	139	Resp:	104073
Ion Ratio	Lower	Upper	
139	100		
109	64.2	42.8	82.8
65	97.8	66.3	106.3

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#56

2,4-Dinitrotoluene

Concen: 32.89 ng

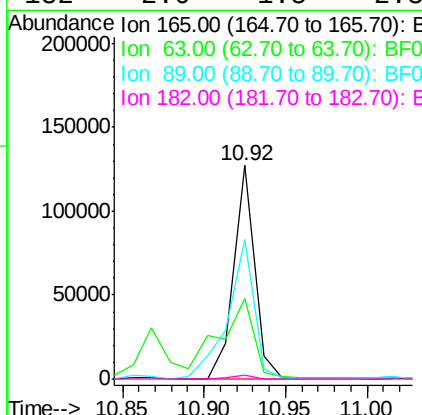
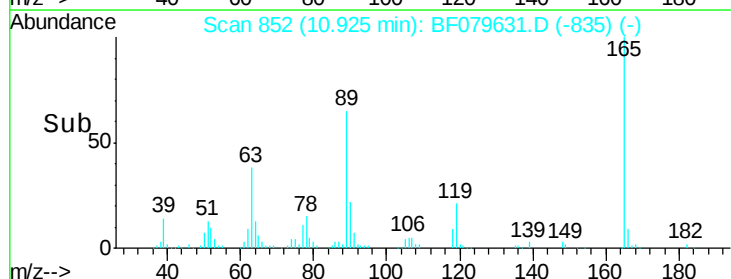
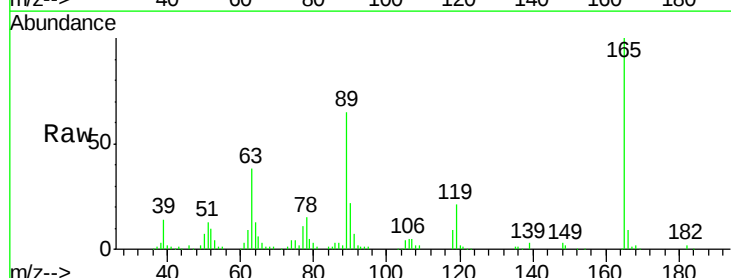
RT: 10.92 min Scan# 852

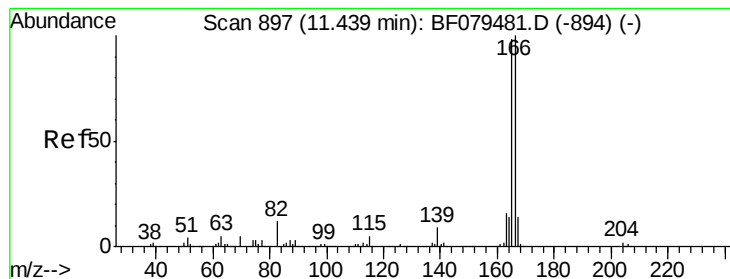
Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Tgt Ion:	165	Resp:	112340
Ion Ratio	Lower	Upper	
165	100		
63	37.6	39.5	59.3#
89	65.3	64.2	96.4
182	2.0	1.5	2.3





#57

Fluorene

Concen: 30.53 ng

RT: 11.32 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Instrument :

BNA_F

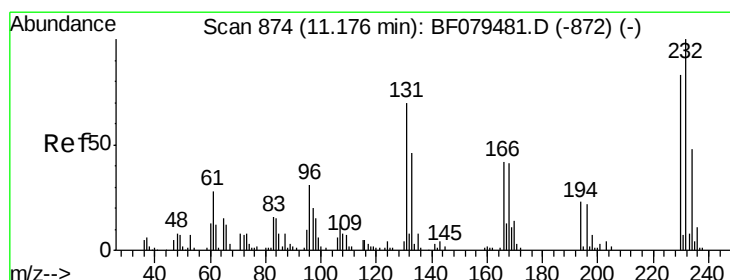
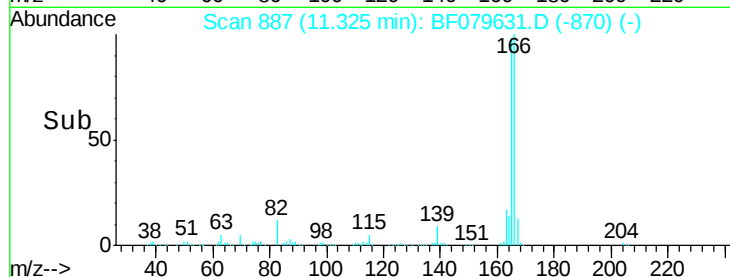
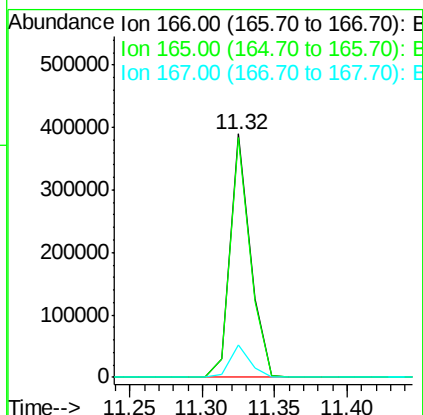
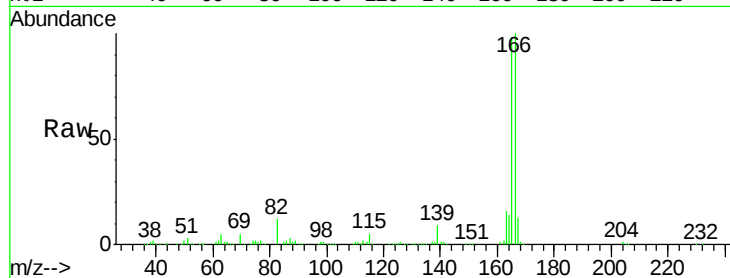
ClientSampleId :

PB83653BS

Tgt Ion:	166	Resp:	375932
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.6	117.8
167	13.4	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 29.57 ng

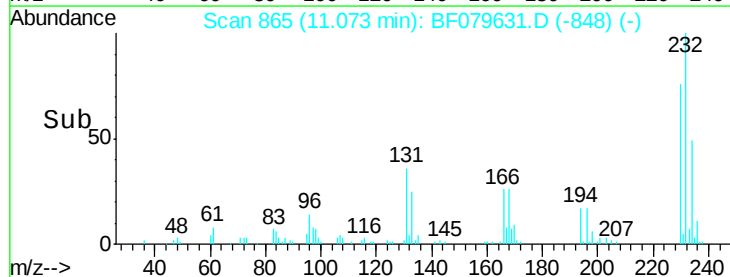
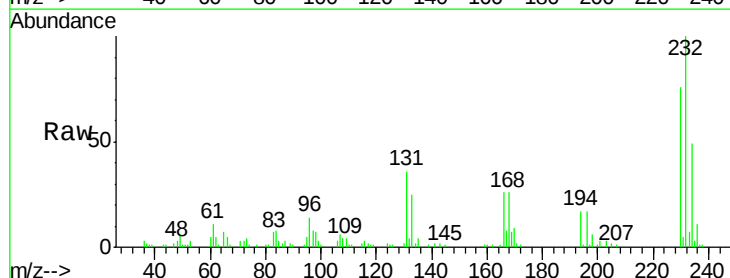
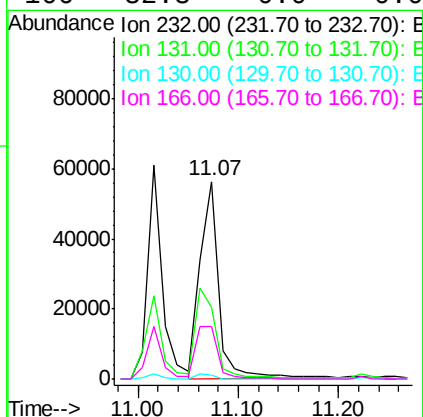
RT: 11.07 min Scan# 865

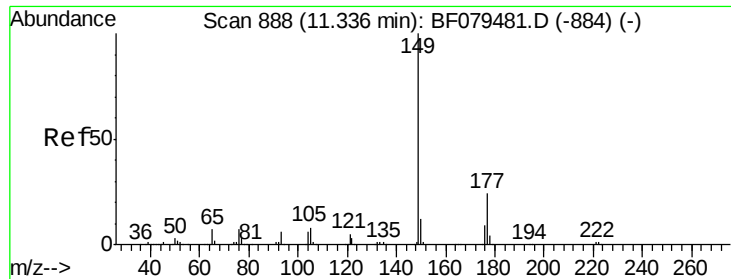
Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Tgt Ion:	232	Resp:	72393
Ion Ratio	Lower	Upper	
232	100		
131	49.2	0.0	0.0#
130	2.4	0.0	0.0#
166	32.3	0.0	0.0#





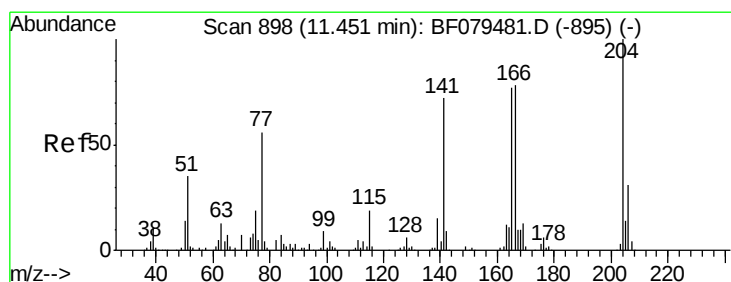
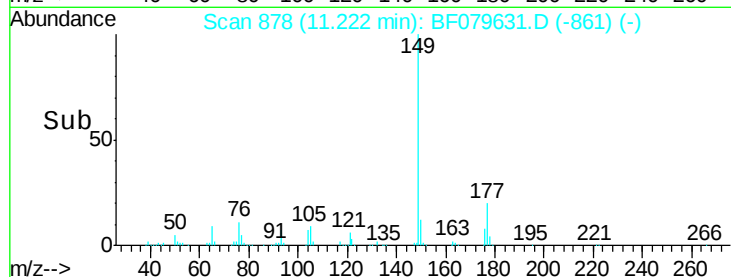
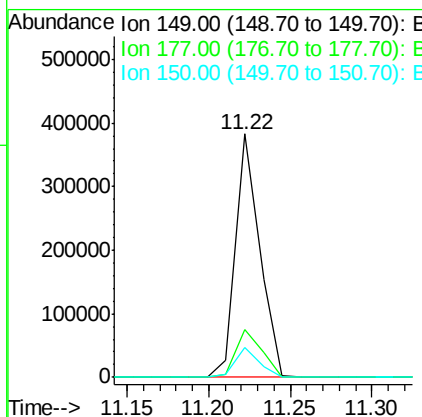
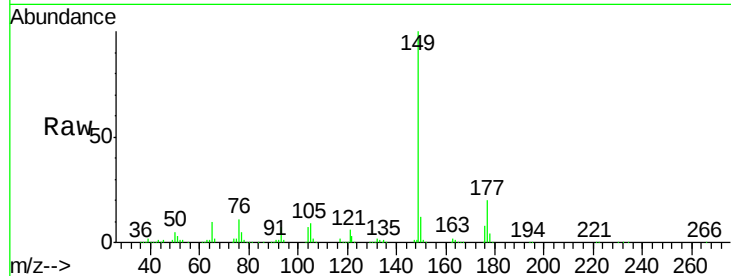
#59
Diethylphthalate
Concen: 31.16 ng
RT: 11.22 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Instrument :
BNA_F
ClientSampleId :
PB83653BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	388791		
177	19.6	18.9	28.3	
150	12.4	9.8	14.6	

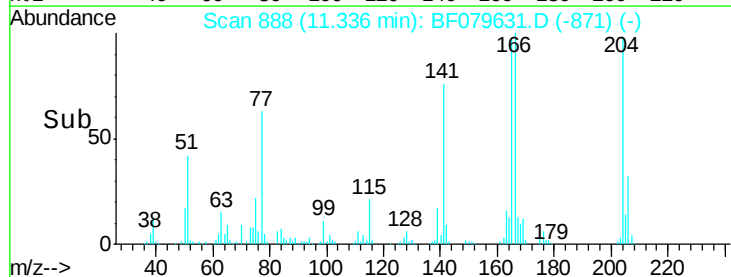
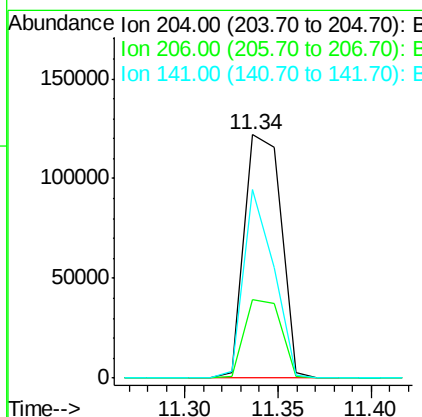
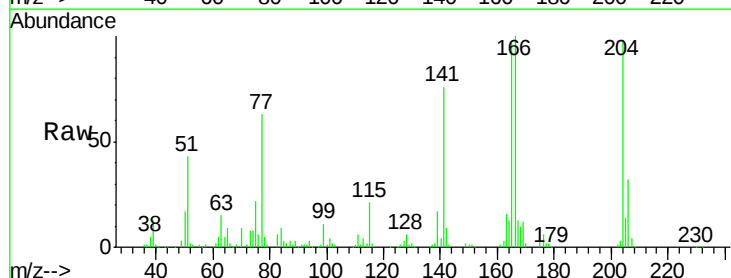
Manual Integrations
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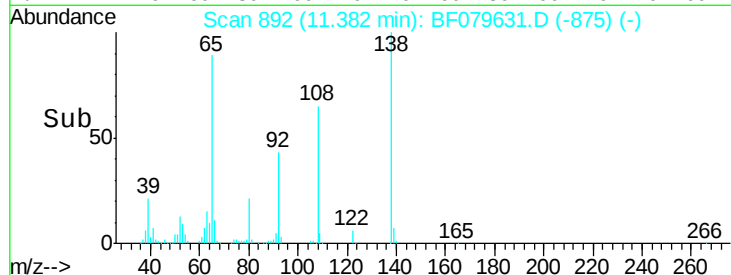
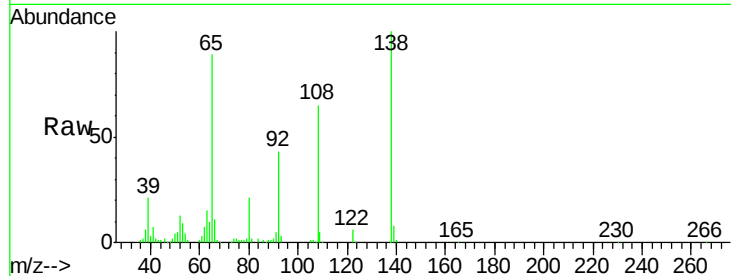
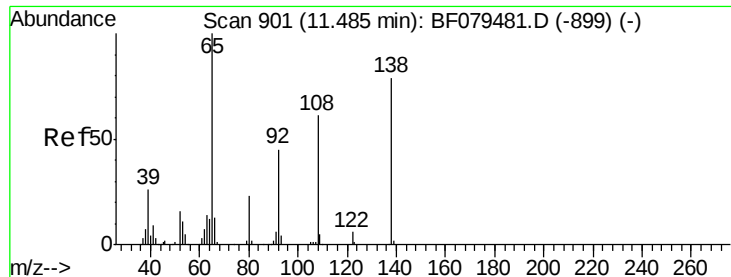
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#60
4-Chlorophenyl-phenylether
Concen: 31.34 ng
RT: 11.34 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	166775		
206	32.3	25.0	37.4	
141	77.3	57.4	86.2	





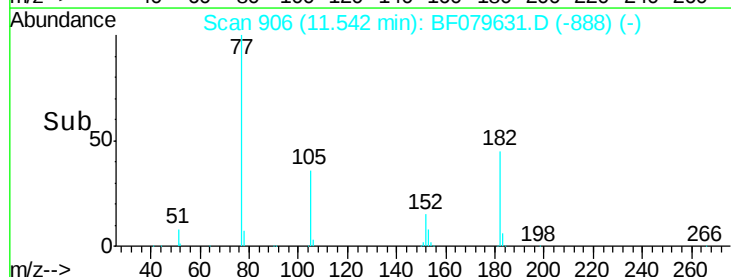
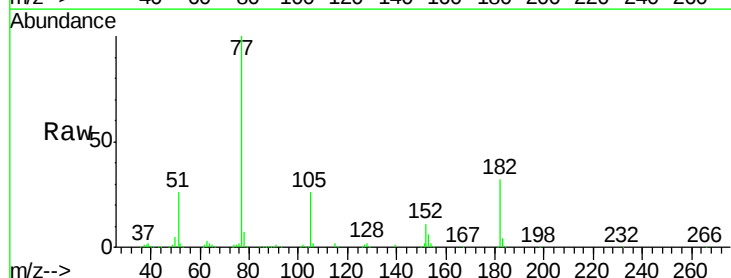
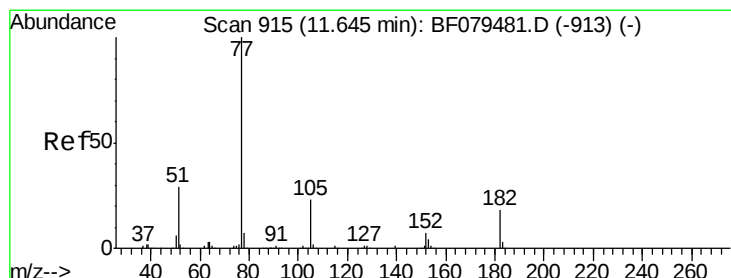
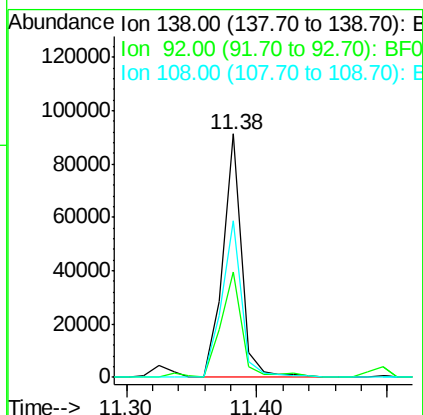
#61
4-Nitroaniline
Concen: 29.80 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.2	37.2	77.2
108	64.5	57.0	97.0

Instrument :
BNA_F
ClientSampleId :
PB83653BS

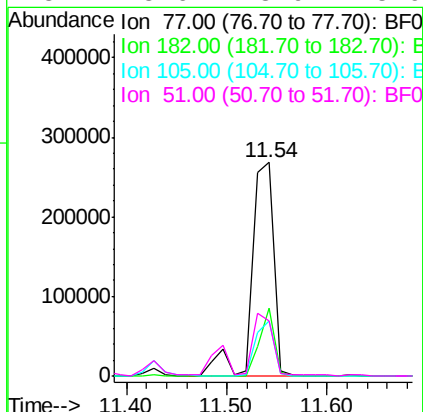
Manual Integrations
APPROVED

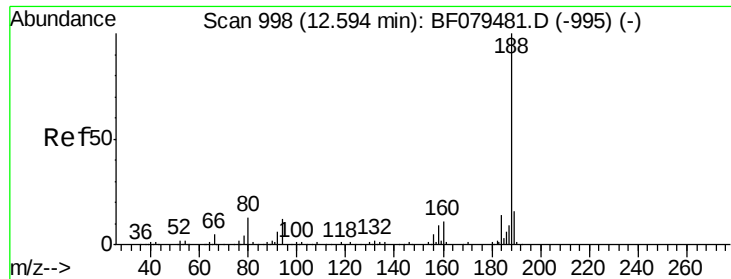
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#62
Azobenzene
Concen: 33.46 ng
RT: 11.54 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.5	0.0	37.7
105	25.6	2.7	42.7
51	25.6	8.9	48.9





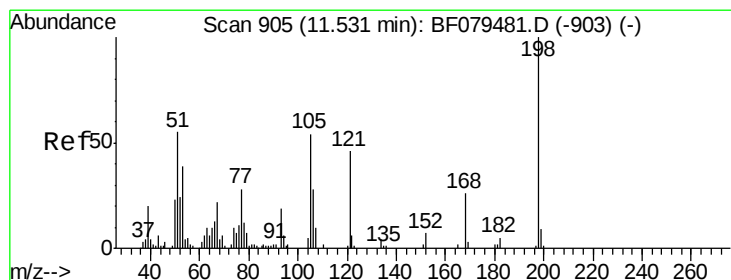
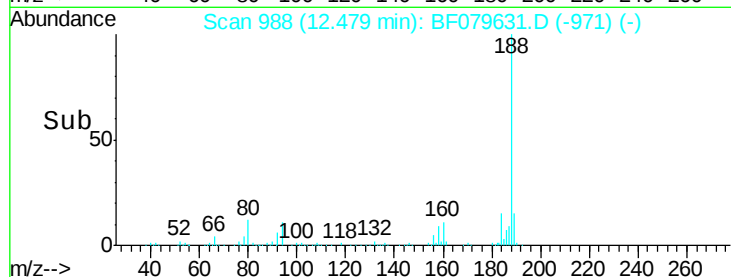
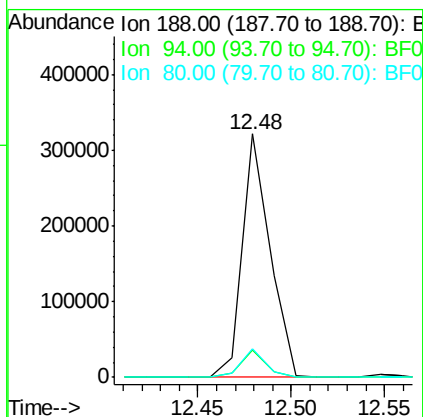
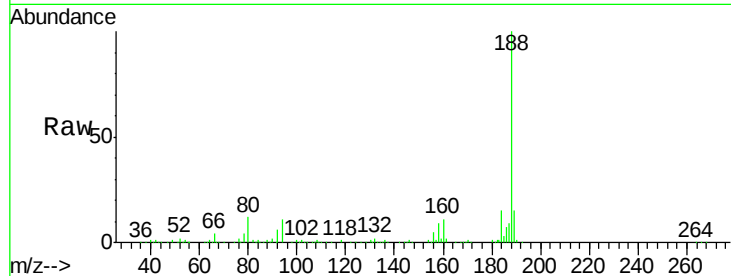
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Instrument :
BNA_F
ClientSampleId :
PB83653BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.4	9.8	14.6
80	11.9	10.5	15.7

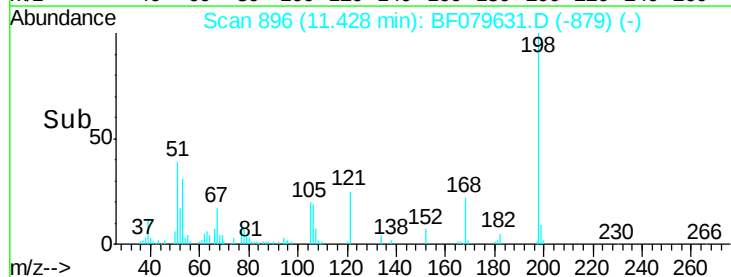
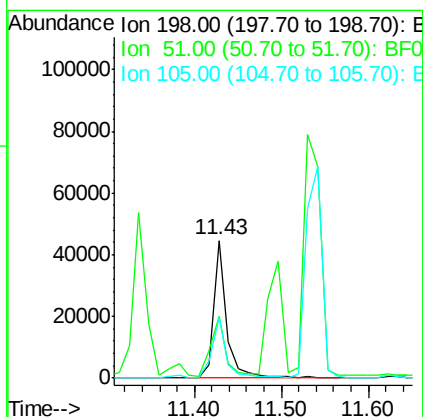
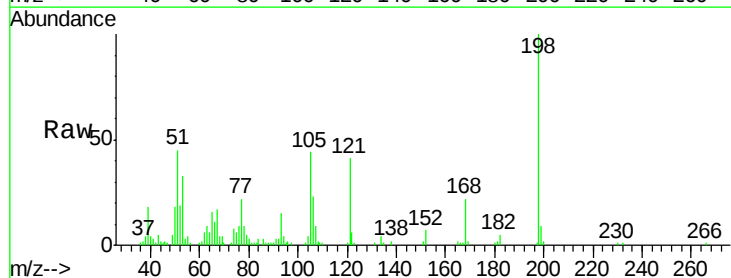
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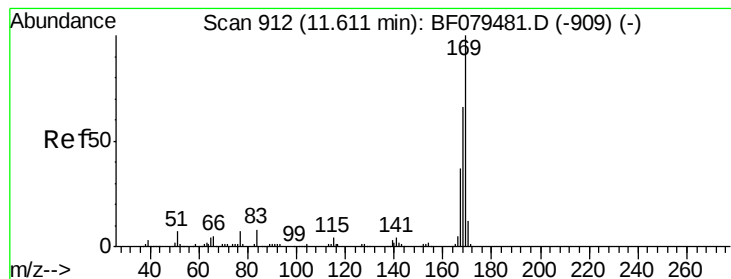
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#64
4,6-Dinitro-2-methylphenol
Concen: 31.24 ng
RT: 11.43 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.6	36.0	76.0
105	44.5	34.1	74.1





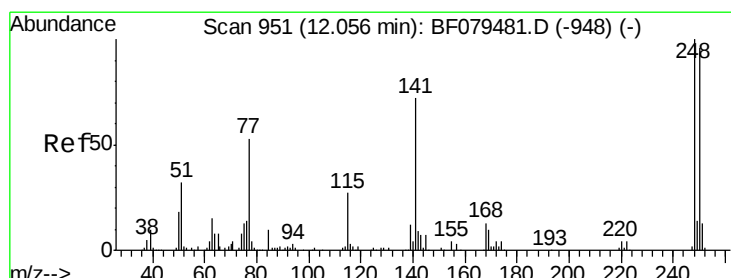
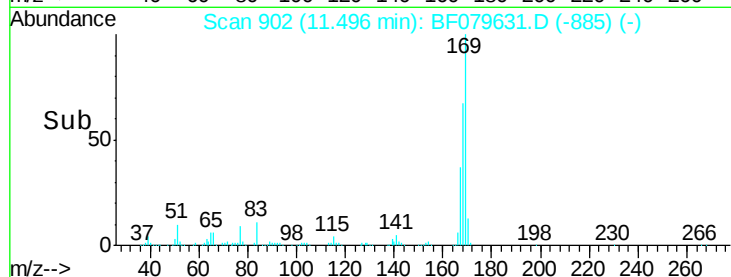
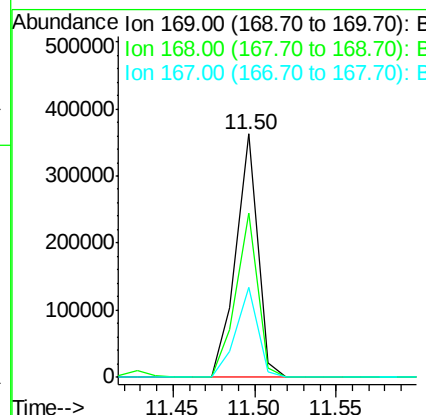
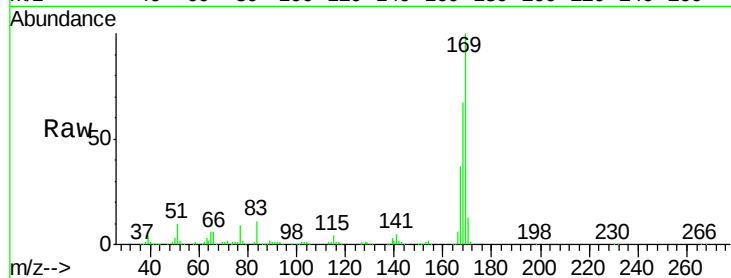
#65
n-Nitrosodiphenylamine
Concen: 30.45 ng
RT: 11.50 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Instrument :
BNA_F
ClientSampleId :
PB83653BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	335439		
168	67.3	53.1	79.7	
167	36.9	29.9	44.9	

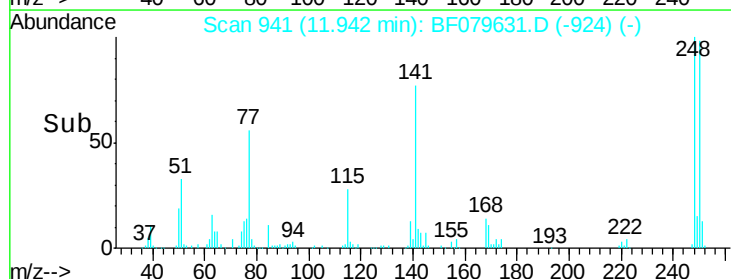
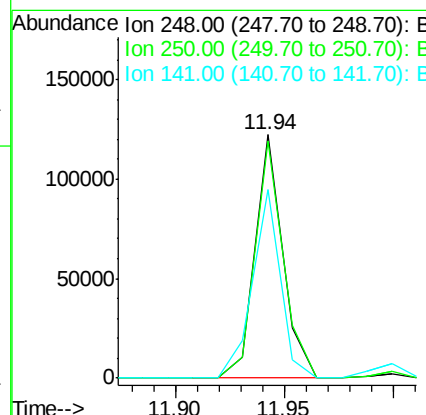
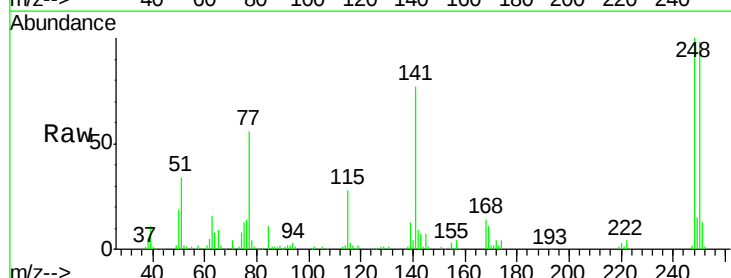
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#66
4-Bromophenyl-phenylether
Concen: 31.91 ng
RT: 11.94 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	108991		
250	97.7	76.8	115.2	
141	77.4	57.7	86.5	





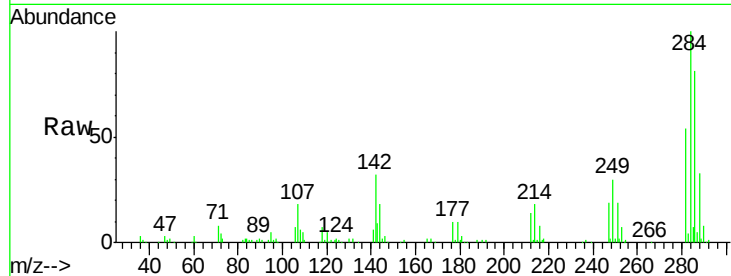
#67
Hexachlorobenzene
Concen: 31.07 ng
RT: 12.00 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Instrument :
BNA_F
ClientSampleId :
PB83653BS

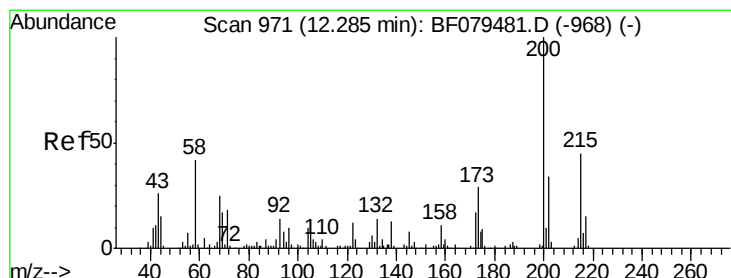
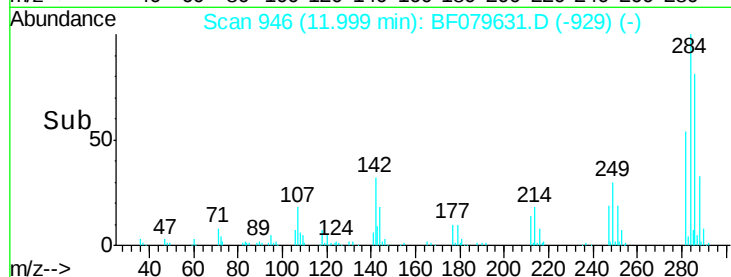
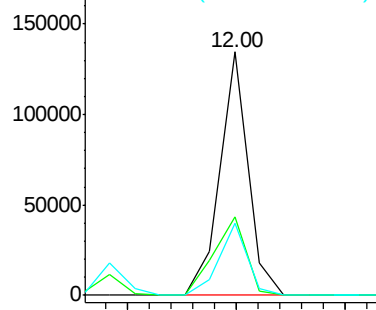
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	120992		
142	32.0	26.2	39.2	
249	29.8	24.3	36.5	

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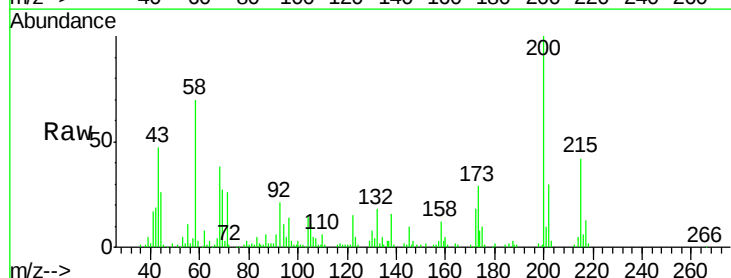


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

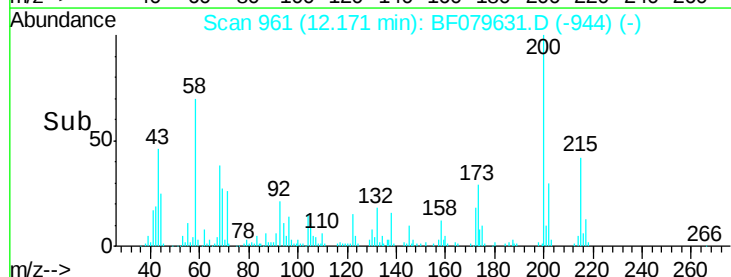
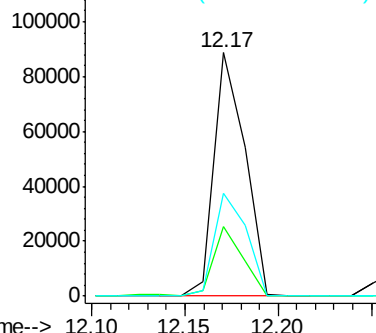


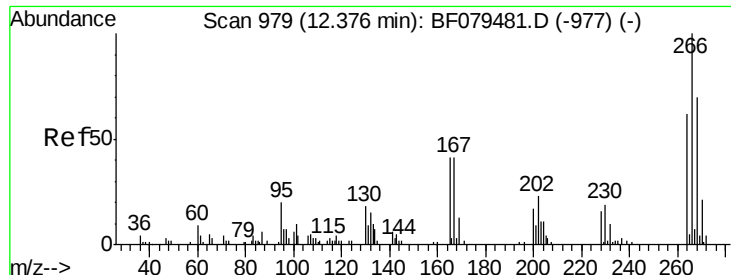
#68
Atrazine
Concen: 34.33 ng
RT: 12.17 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	102144		
173	28.8	9.4	49.4	
215	42.0	25.3	65.3	



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





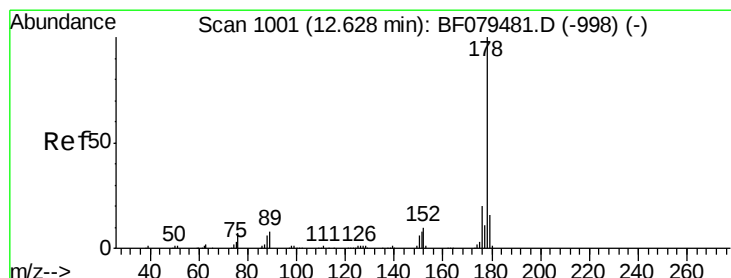
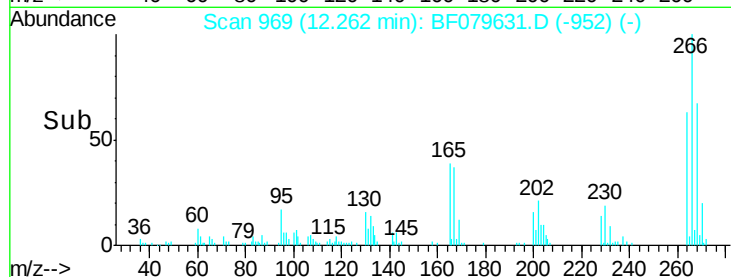
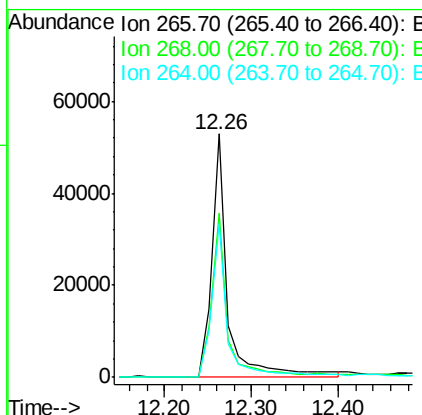
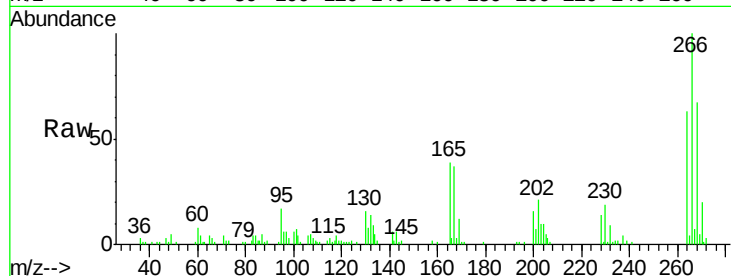
#69
 Pentachlorophenol
 Concen: 46.17 ng
 RT: 12.26 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	68866		
268	67.3	56.1	84.1	
264	63.5	50.0	75.0	

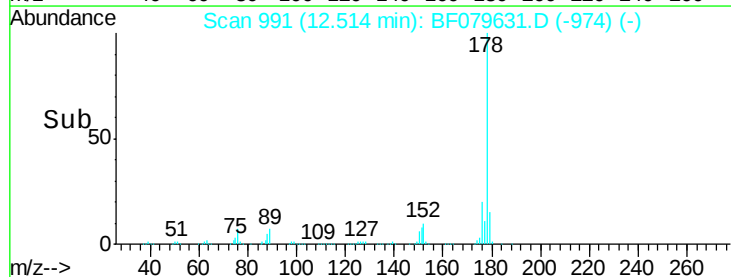
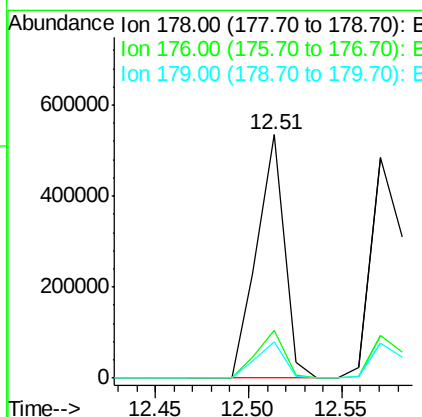
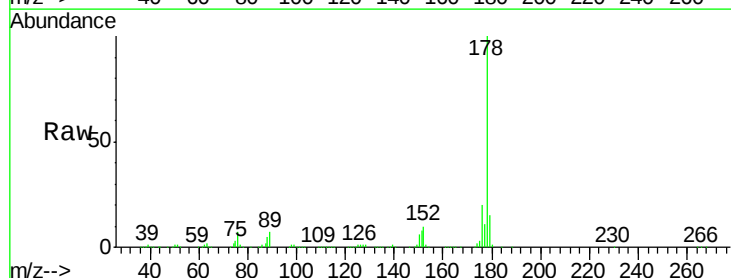
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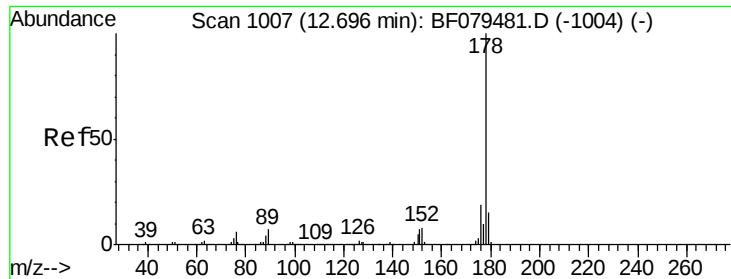
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#70
 Phenanthrene
 Concen: 30.27 ng
 RT: 12.51 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	550703		
176	19.8	15.7	23.5	
179	15.1	12.4	18.6	





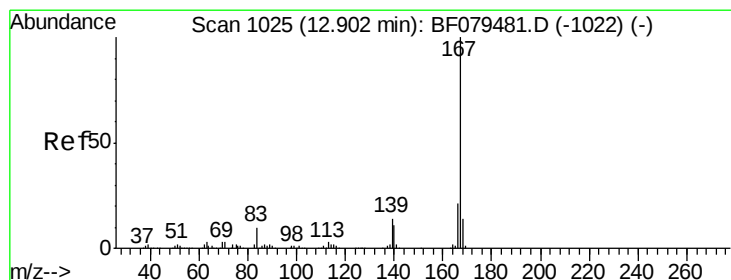
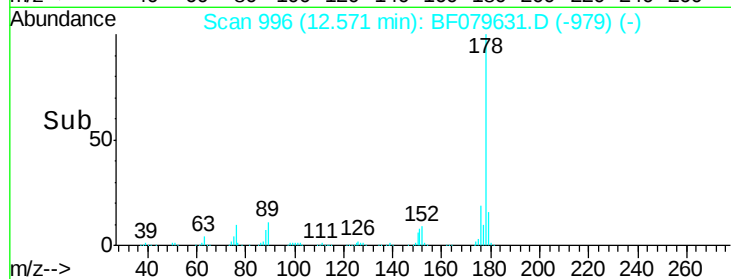
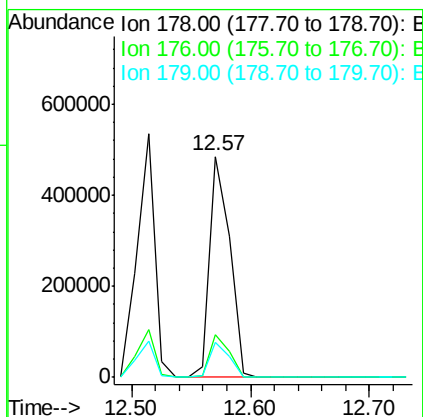
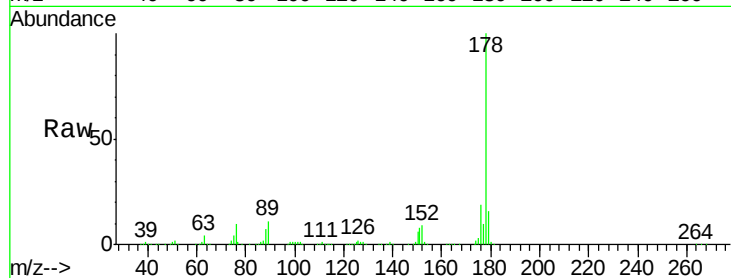
#71
 Anthracene
 Concen: 30.91 ng
 RT: 12.57 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.9	12.2	18.4

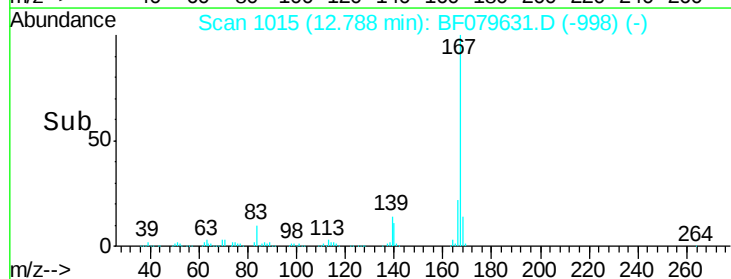
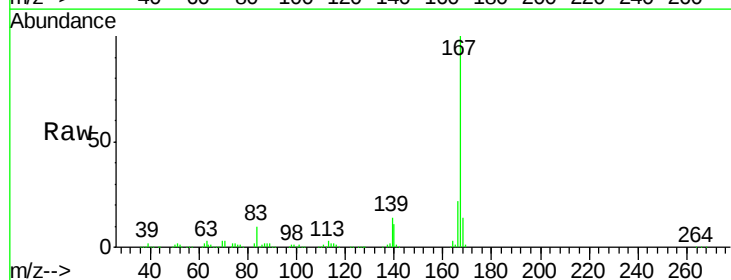
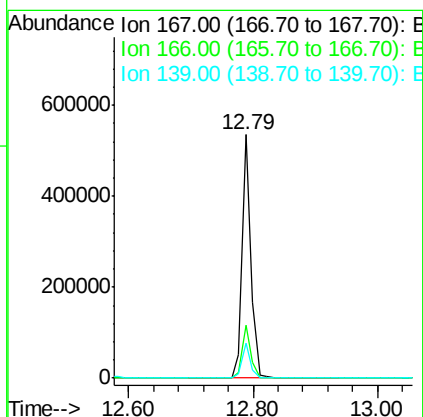
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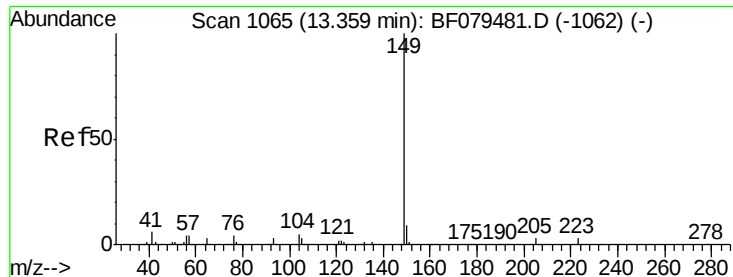
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#72
 Carbazole
 Concen: 29.90 ng
 RT: 12.79 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.4
139	14.3	11.2	16.8





#73

Di-n-butylphthalate

Concen: 32.65 ng

RT: 13.25 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Instrument :

BNA_F

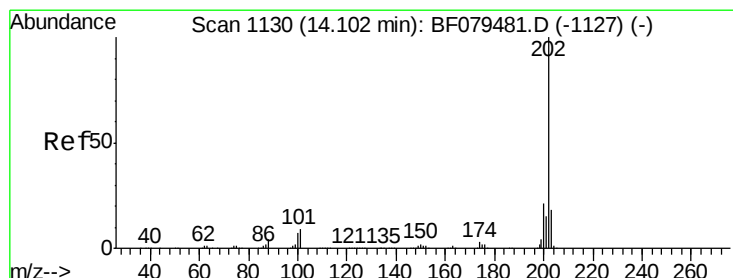
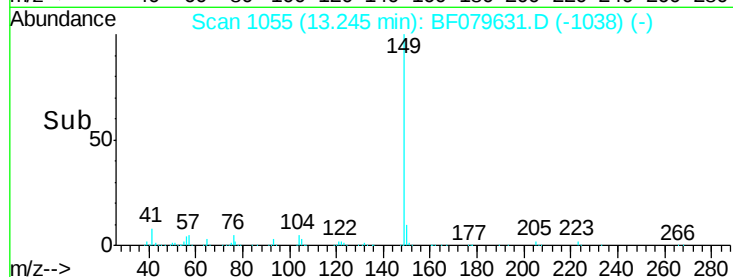
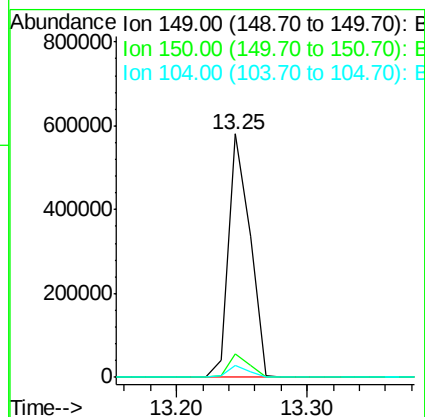
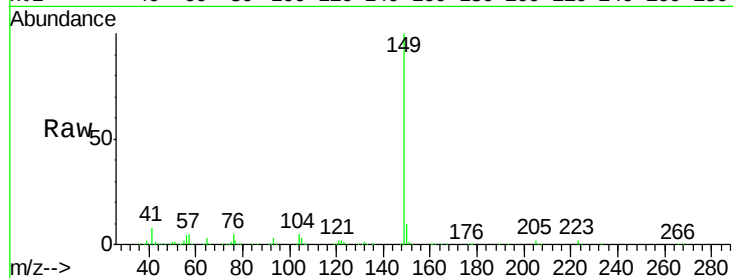
ClientSampleId :

PB83653BS

Tgt Ion:	149	Resp:	660224
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.5	11.3
104	4.8	3.6	5.4

Manual Integrations
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#74

Fluoranthene

Concen: 30.74 ng

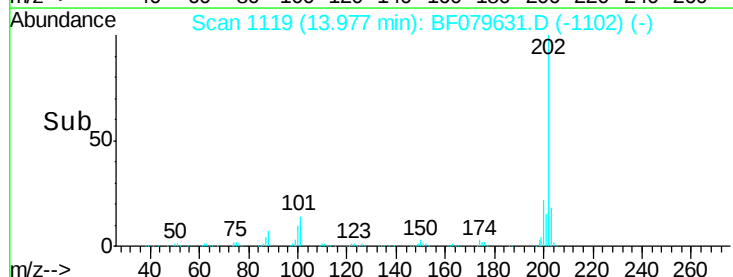
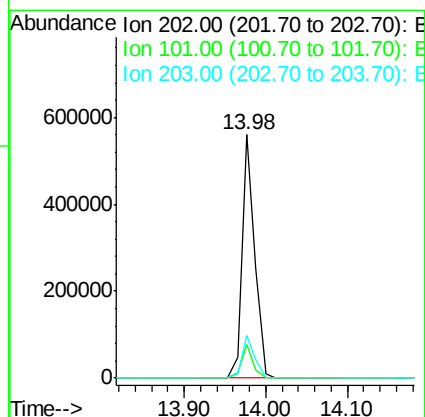
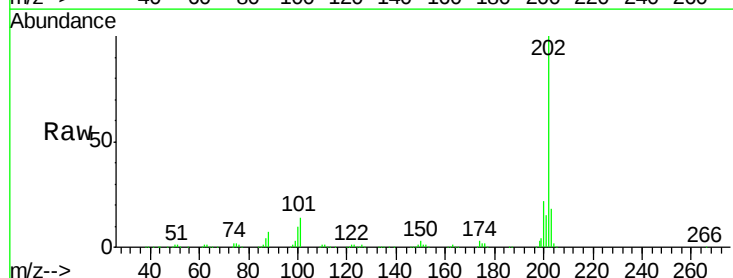
RT: 13.98 min Scan# 1119

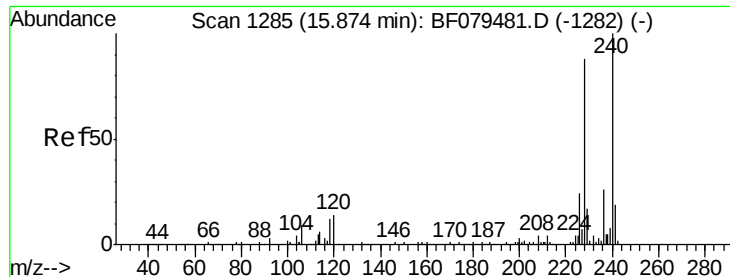
Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Tgt Ion:	202	Resp:	599807
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	29.3
203	17.8	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.76 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Instrument :

BNA_F

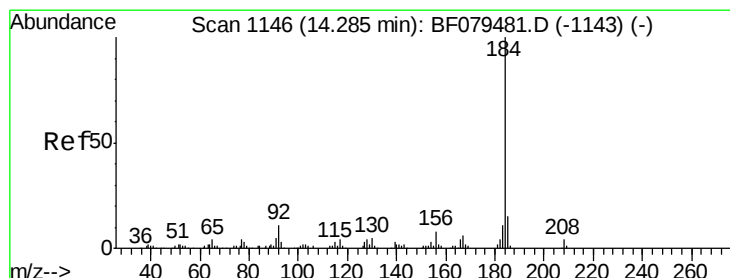
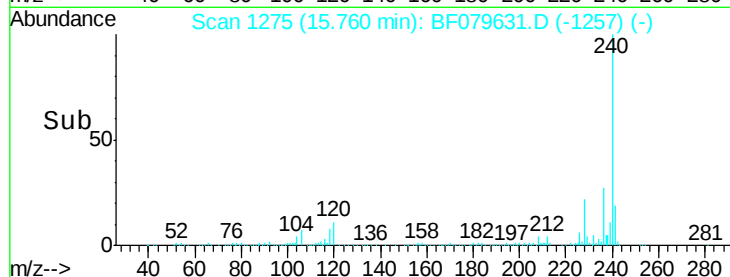
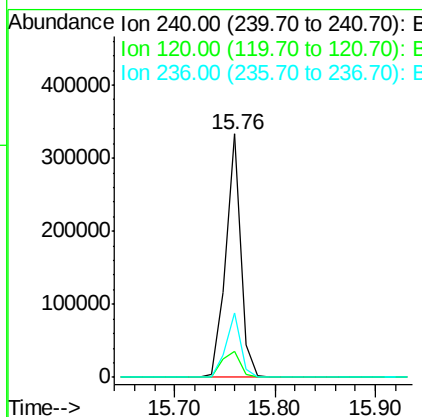
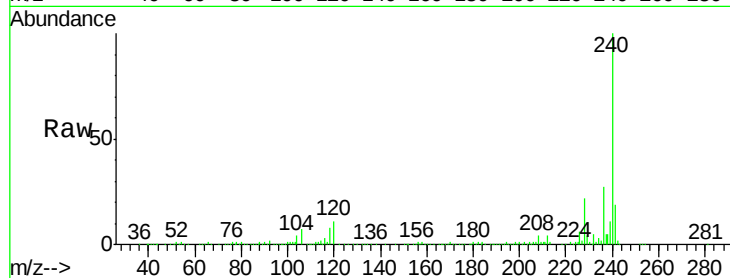
ClientSampleId :

PB83653BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	345632		
120	10.7	10.8	16.2#	
236	26.5	21.0	31.6	

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#76

Benzidine

Concen: 36.66 ng

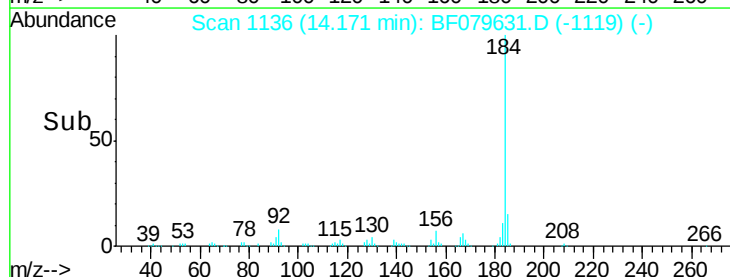
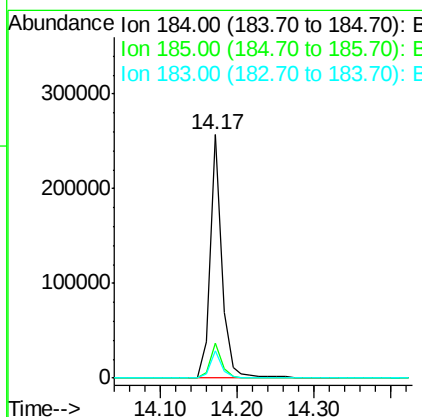
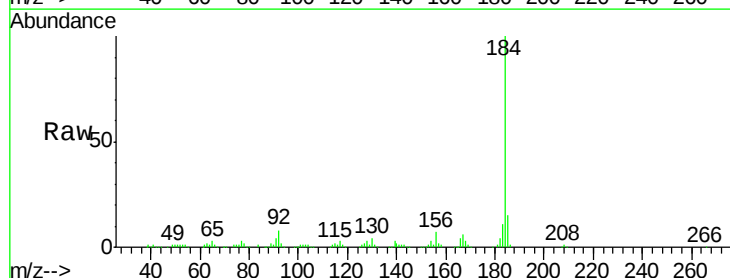
RT: 14.17 min Scan# 1136

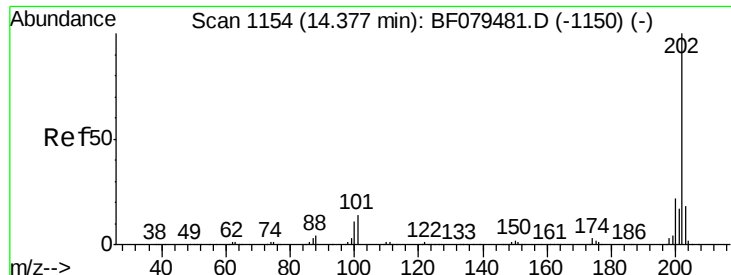
Delta R.T. -0.00 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	271374		
185	14.5	12.1	18.1	
183	11.2	8.6	12.8	





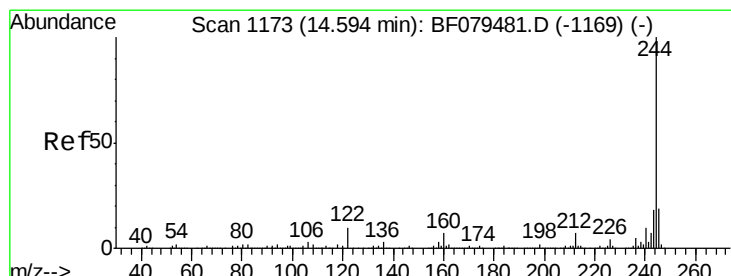
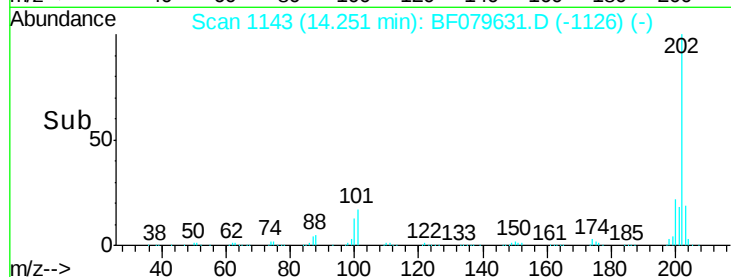
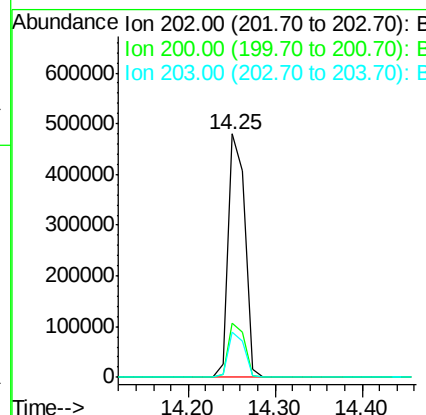
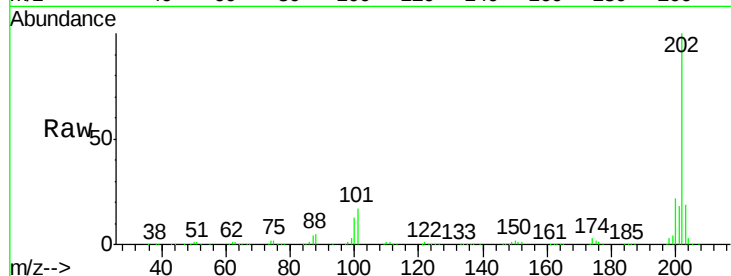
#77
 Pyrene
 Concen: 29.94 ng
 RT: 14.25 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	641186		
200	22.0	17.5	26.3	
203	18.8	14.4	21.6	

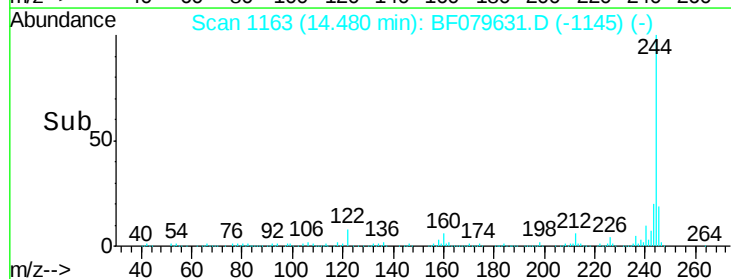
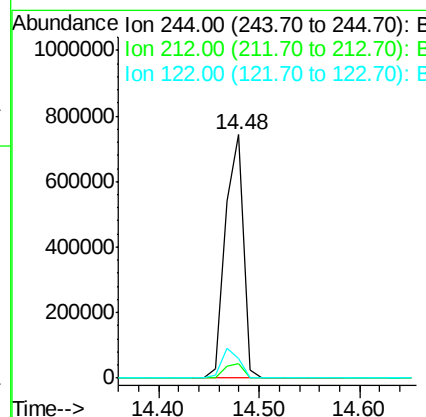
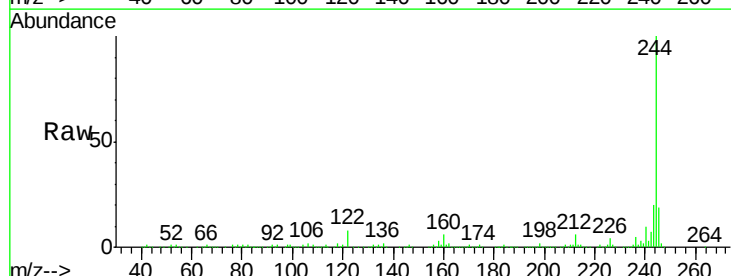
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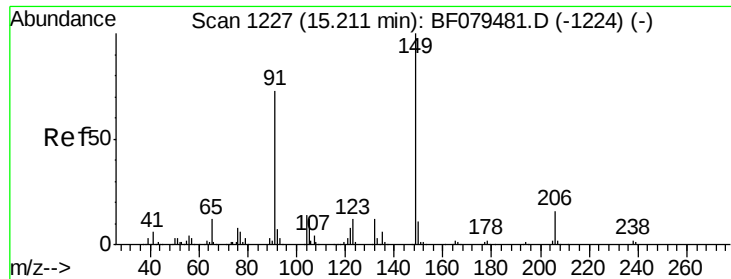
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#78
 Terphenyl-d14
 Concen: 62.41 ng
 RT: 14.48 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	919102		
212	6.2	5.2	7.8	
122	8.2	8.0	12.0	





#79

Butylbenzylphthalate

Concen: 31.18 ng

RT: 15.10 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF079631.D

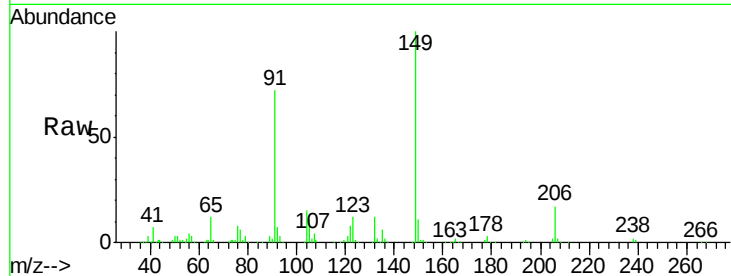
Acq: 31 May 2015 14:19

Instrument :

BNA_F

ClientSampleId :

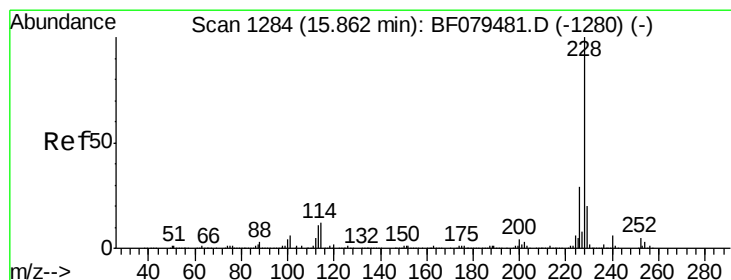
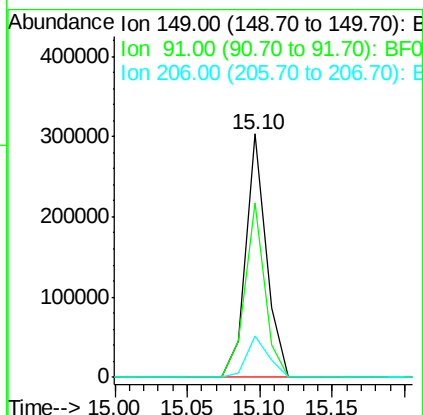
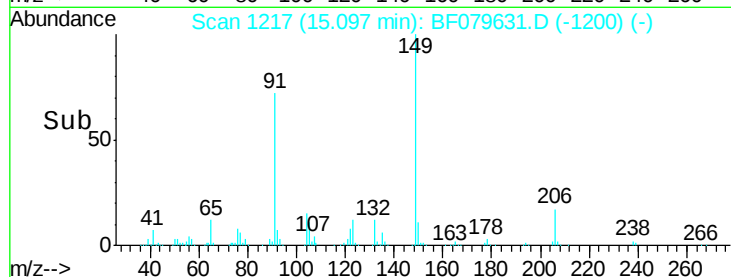
PB83653BS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	300268		
91	71.8	58.1	87.1	
206	16.8	13.1	19.7	

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#80

Benzo(a)anthracene

Concen: 30.09 ng

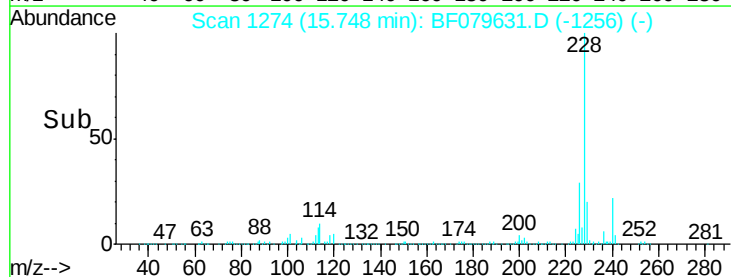
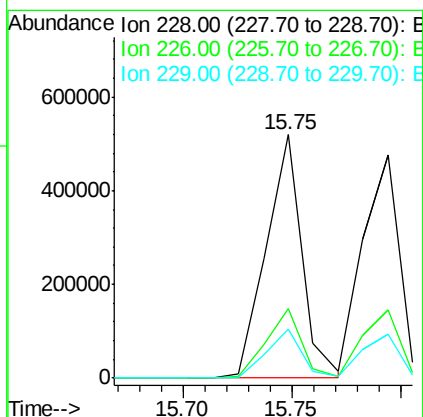
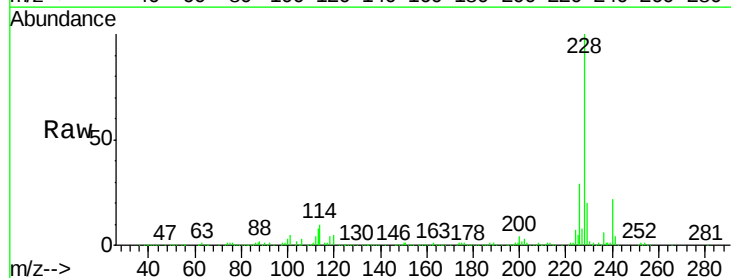
RT: 15.75 min Scan# 1274

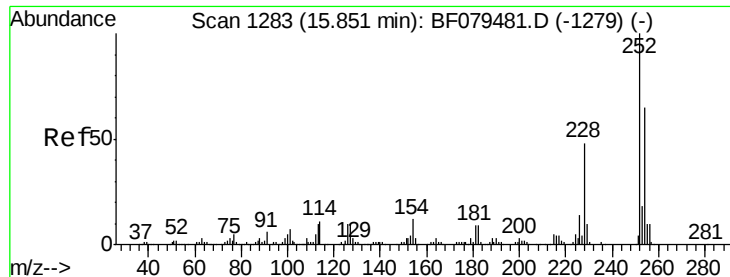
Delta R.T. 0.01 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	598315		
226	28.6	22.8	34.2	
229	20.0	15.9	23.9	





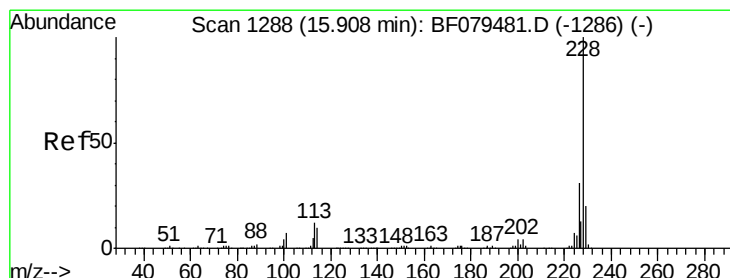
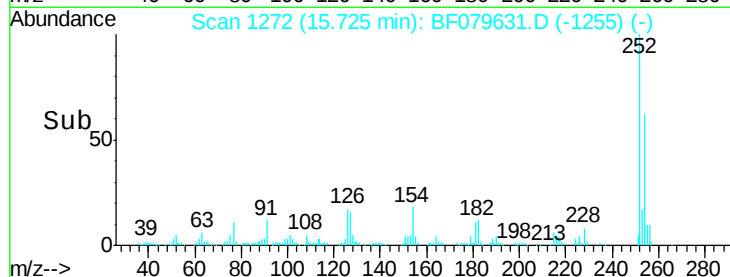
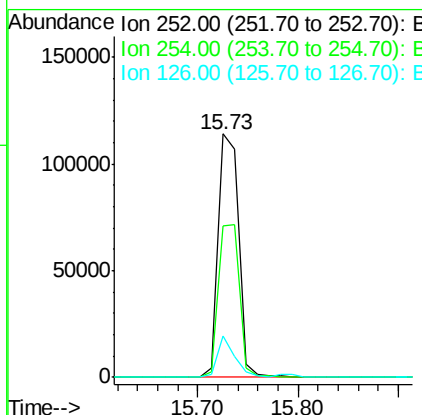
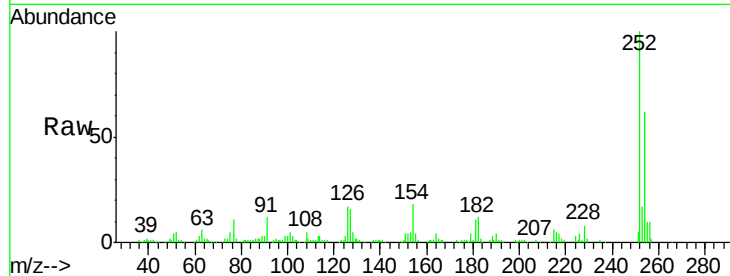
#81
 3,3'-Dichlorobenzidine
 Concen: 22.21 ng
 RT: 15.73 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.3	52.1	78.1
126	16.9	8.2	12.2

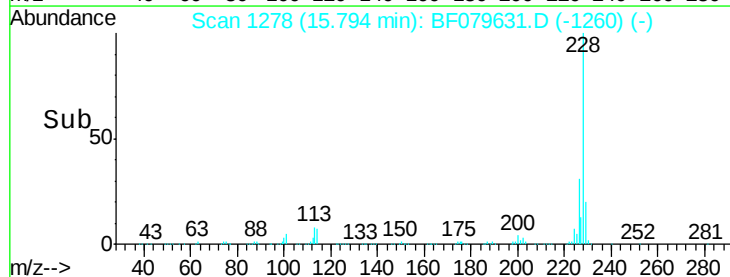
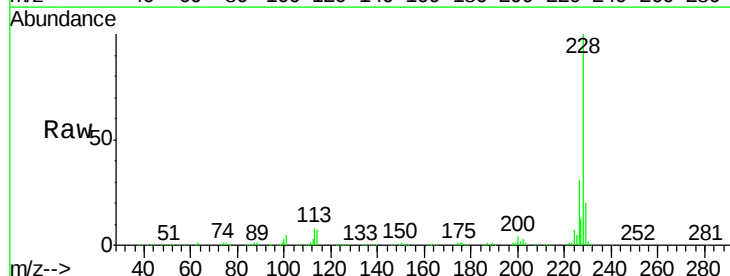
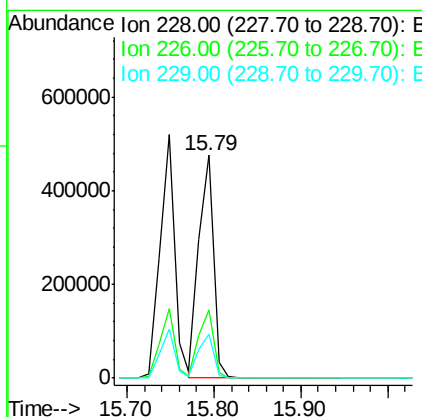
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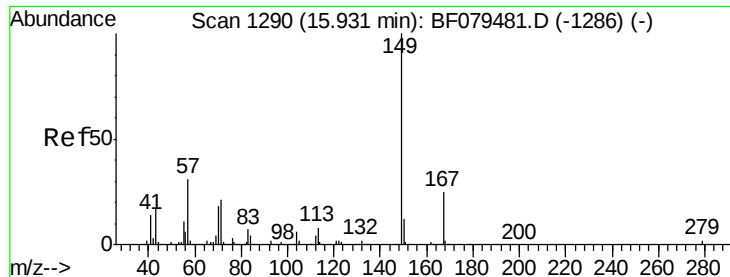
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#82
 Chrysene
 Concen: 29.67 ng
 RT: 15.79 min Scan# 1278
 Delta R.T. 0.01 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	25.0	37.4
229	19.6	15.9	23.9





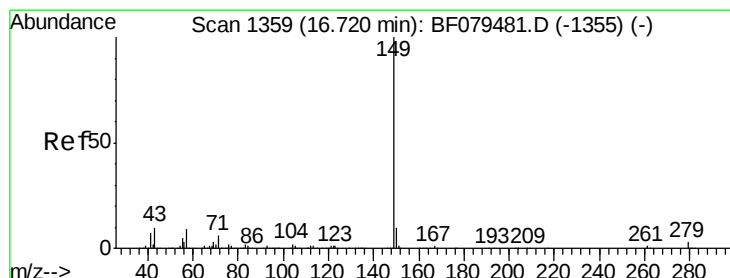
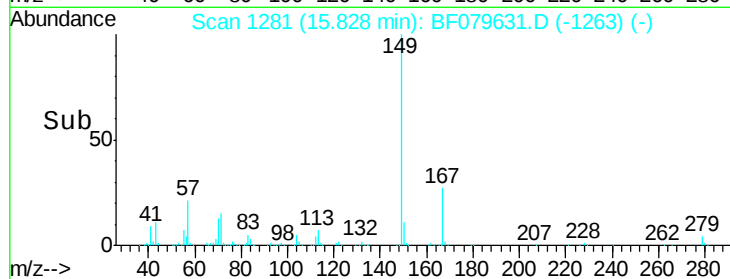
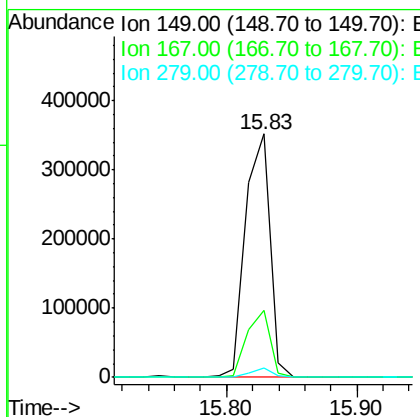
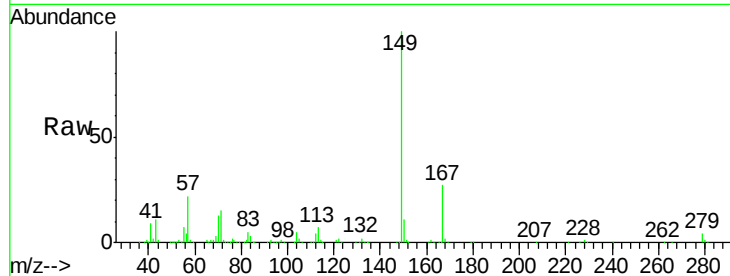
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.29 ng
 RT: 15.83 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB83653BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	459223		
167	27.5	20.2	30.4	
279	4.0	2.0	3.0#	

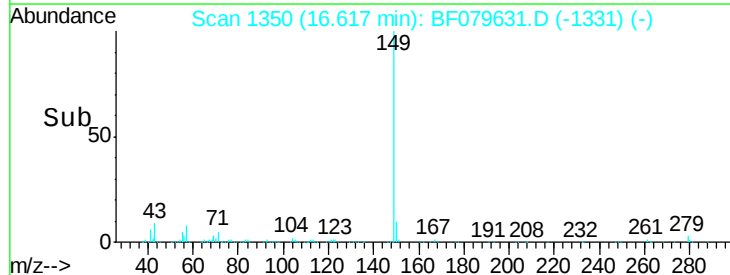
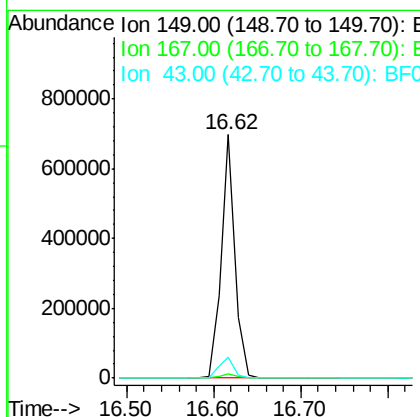
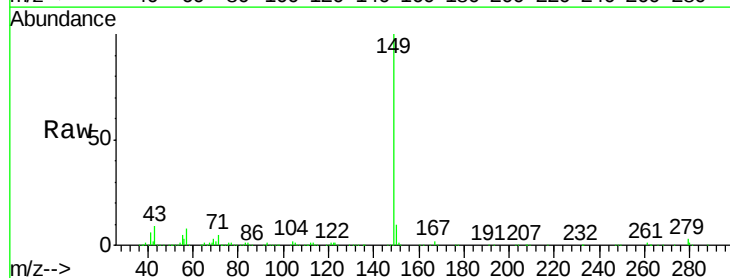
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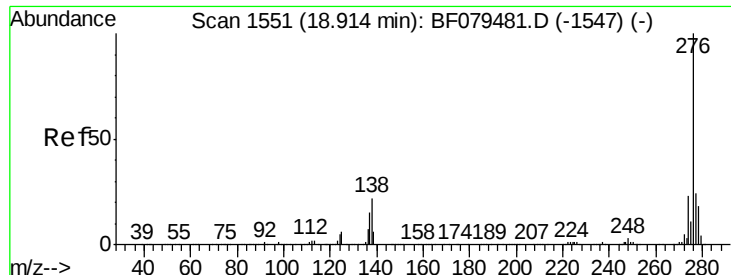
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#84
 Di-n-octyl phthalate
 Concen: 32.10 ng
 RT: 16.62 min Scan# 1350
 Delta R.T. 0.02 min
 Lab File: BF079631.D
 Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	770790		
167	1.7	1.2	1.8	
43	9.3	7.8	11.6	





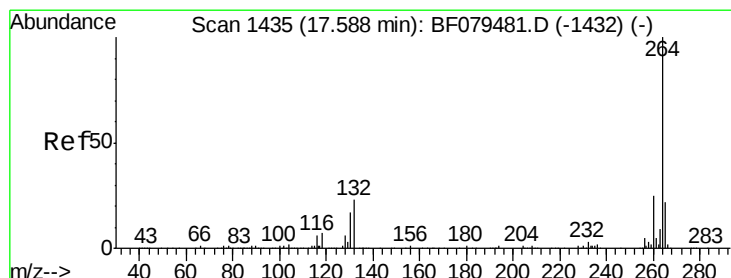
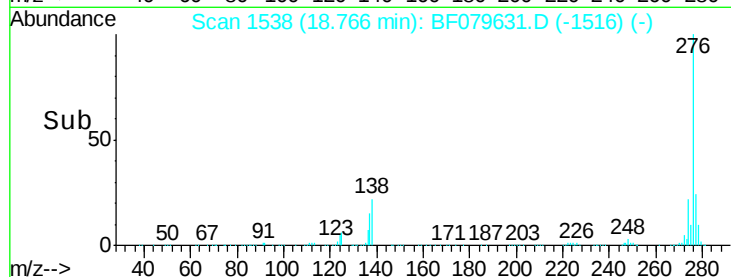
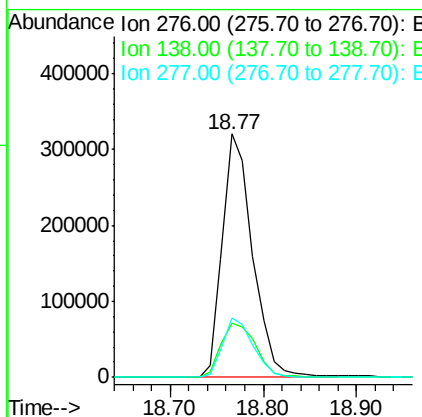
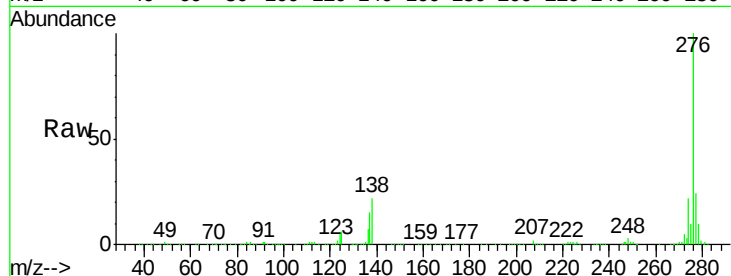
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.85 ng
RT: 18.77 min Scan# 1538
Delta R.T. 0.06 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Instrument :
BNA_F
ClientSampleId :
PB83653BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.8	21.4	32.2
277	24.9	19.8	29.6

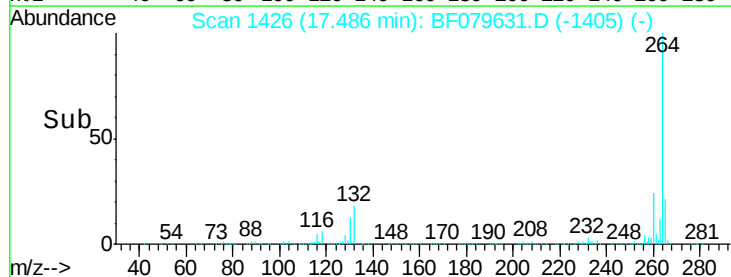
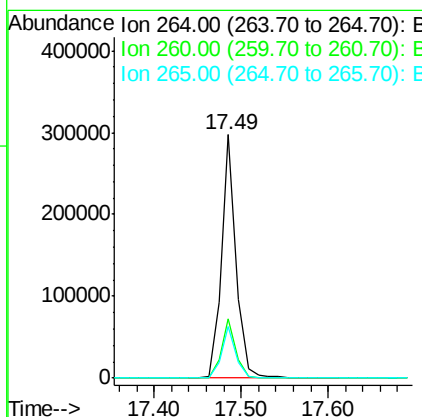
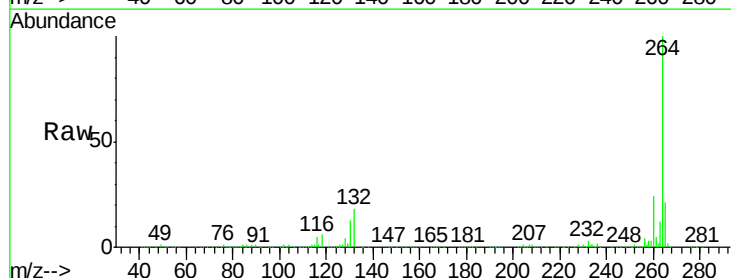
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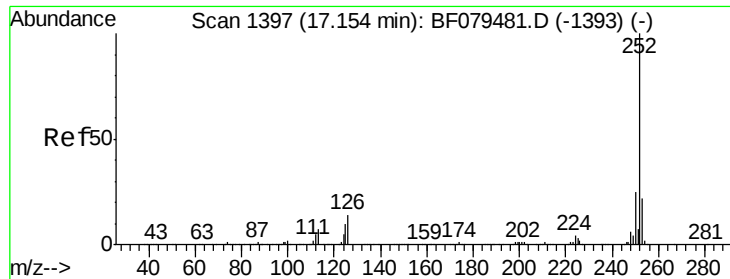
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.49 min Scan# 1426
Delta R.T. 0.05 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.4	19.8	29.8
265	21.2	17.8	26.6





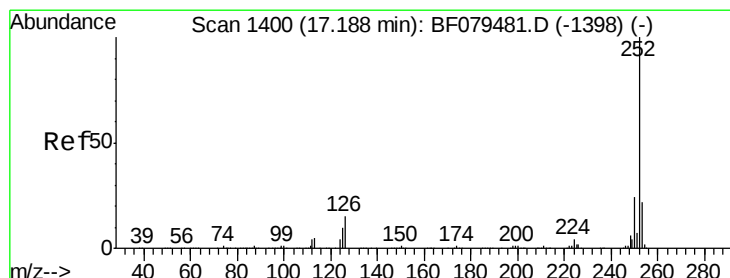
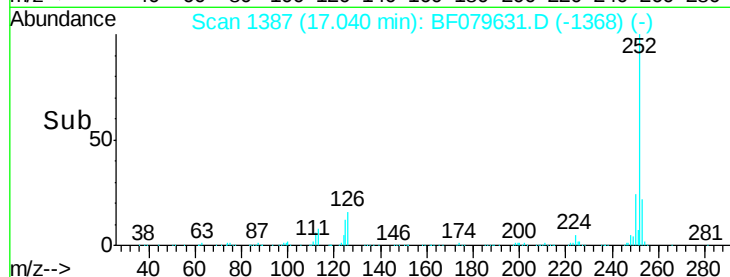
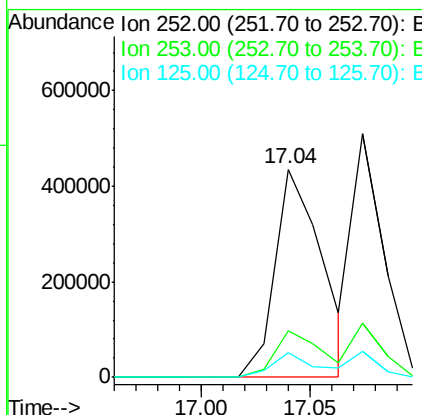
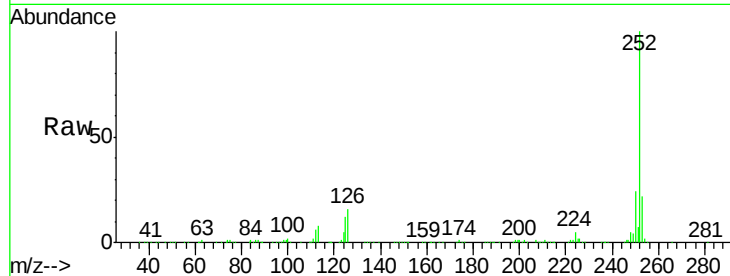
#87
Benzo(b)fluoranthene
Concen: 33.04 ng
RT: 17.04 min Scan# 1387
Delta R.T. 0.02 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Instrument :
BNA_F
ClientSampleId :
PB83653BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.6	26.4
125	11.7	7.8	11.6#

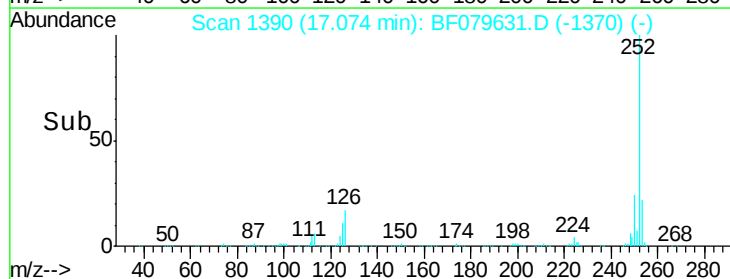
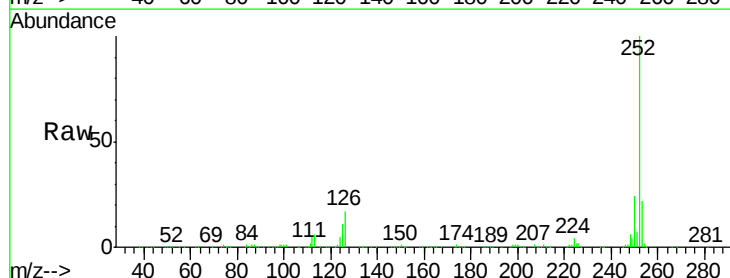
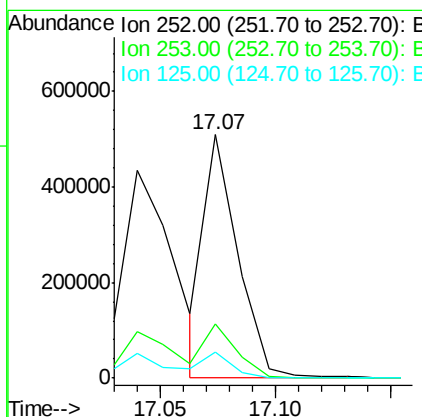
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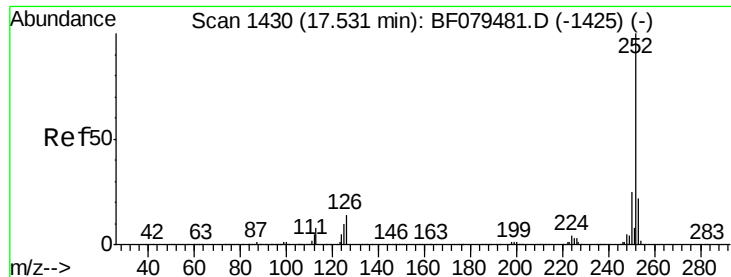
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#88
Benzo(k)fluoranthene
Concen: 28.99 ng m
RT: 17.07 min Scan# 1390
Delta R.T. 0.03 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.6	6.8	10.2#





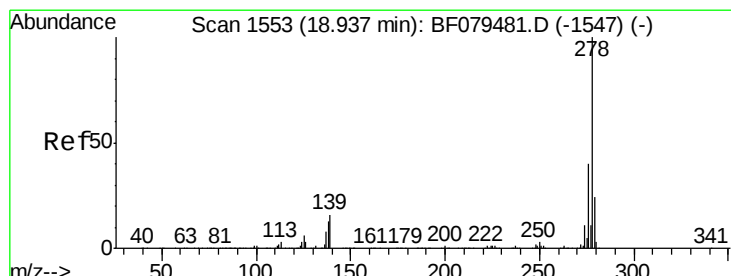
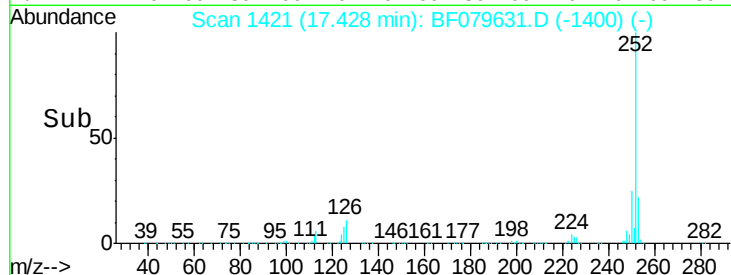
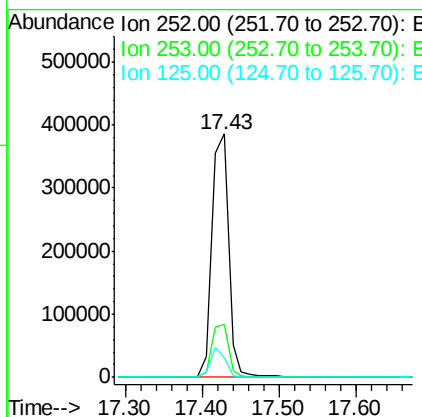
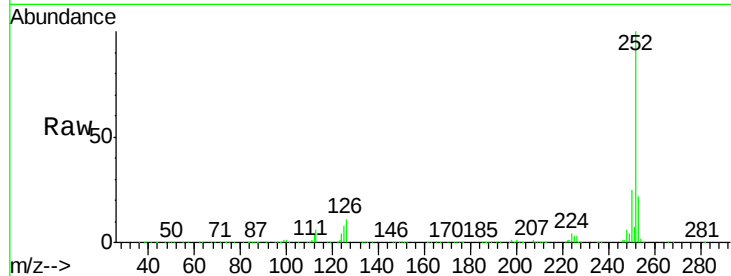
#89
Benzo(a)pyrene
Concen: 32.96 ng
RT: 17.43 min Scan# 1421
Delta R.T. 0.05 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Instrument :
BNA_F
ClientSampleId :
PB83653BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.8	26.8
125	8.1	7.9	11.9

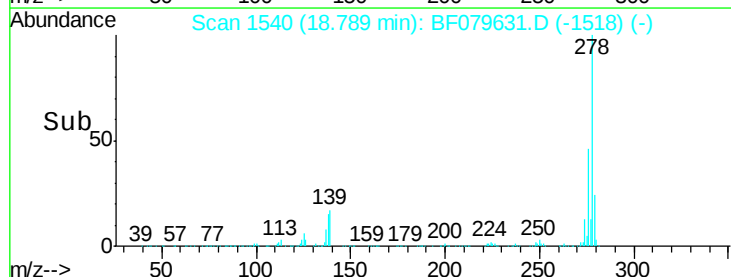
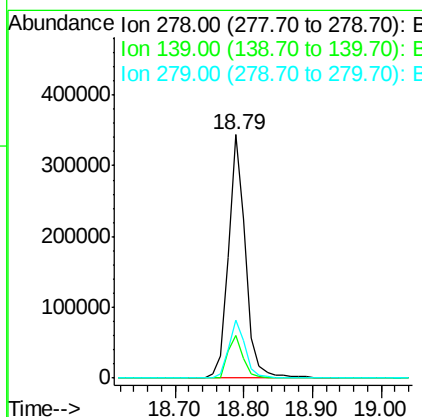
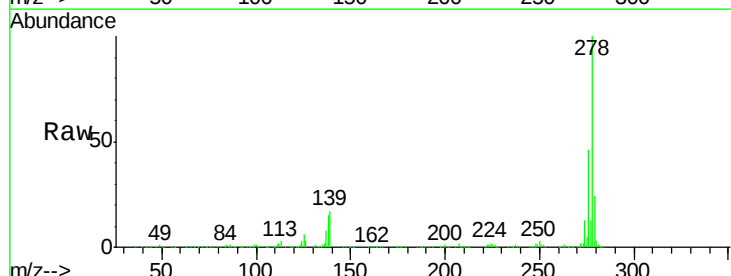
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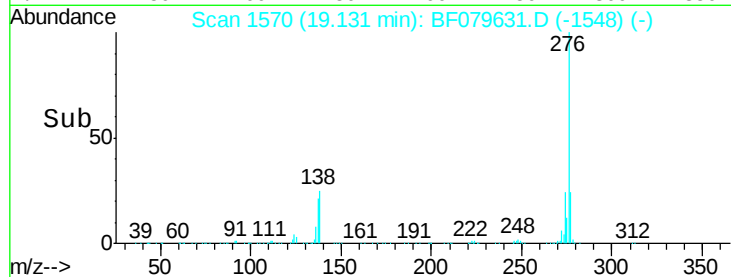
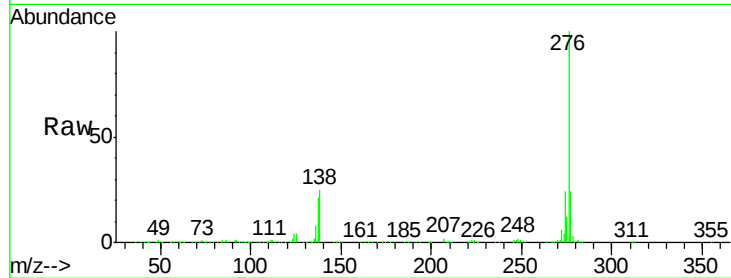
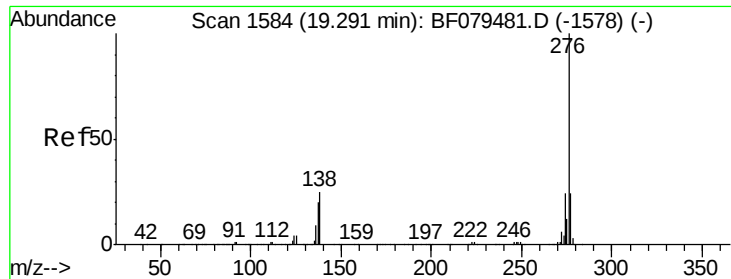
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#90
Dibenzo(a,h)anthracene
Concen: 32.46 ng
RT: 18.79 min Scan# 1540
Delta R.T. 0.06 min
Lab File: BF079631.D
Acq: 31 May 2015 14:19

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	17.4	12.8	19.2
279	24.0	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 32.99 ng

RT: 19.13 min Scan# 1570

Delta R.T. 0.06 min

Lab File: BF079631.D

Acq: 31 May 2015 14:19

Instrument :

BNA_F

ClientSampleId :

PB83653BS

Tgt Ion:	276	Resp:	603788
Ion Ratio		Lower	Upper
276	100		
277	24.3	19.1	28.7
138	25.4	20.1	30.1

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