

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077915.D
 Acq On : 24 Mar 2015 16:58
 Operator : TP/IZ
 Sample : PB82241BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BS

Manual Integrations
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mohammad
 3/25/2015 5:01:09 PM

Quant Time: Mar 25 01:36:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 00:51:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	39634	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	163969	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	80973	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	152973	20.00	ng	0.00
75) Chrysene-d12	16.00	240	163629	20.00	ng	0.02
86) Perylene-d12	17.79	264	153811	20.00	ng	0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	186362	82.08	ng	0.00
7) Phenol-d6	6.69	99	239496	85.37	ng	0.00
23) Nitrobenzene-d5	7.81	82	182031	72.77	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	55330	71.42	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	407023	73.87	ng	0.00
78) Terphenyl-d14	14.69	244	477793	71.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	35257	34.20	ng	# 100
3) Pyridine	2.68	79	99613	35.96	ng	99
4) n-Nitrosodimethylamine	2.61	42	43950	36.44	ng	95
6) Aniline	6.70	93	86836	21.64	ng	# 16
8) 2-Chlorophenol	6.85	128	116719	43.19	ng	90
9) Benzaldehyde	6.57	77	4139	3.60	ng	86
10) Phenol	6.70	94	138964	41.90	ng	98
11) bis(2-Chloroethyl)ether	6.81	93	106693	42.95	ng	90
12) 1,3-Dichlorobenzene	7.04	146	122875	40.88	ng	98
13) 1,4-Dichlorobenzene	7.14	146	125479	40.17	ng	97
14) 1,2-Dichlorobenzene	7.32	146	119698	41.80	ng	98
15) Benzyl Alcohol	7.31	79	86740	39.61	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.48	45	143385	42.84	ng	97
17) 2-Methylphenol	7.46	107	92778	42.17	ng	98
18) Hexachloroethane	7.73	117	42938	41.92	ng	92
19) n-Nitroso-di-n-propylamine	7.64	70	76899	39.62	ng	# 94
20) 3+4-Methylphenols	7.65	107	119345	41.34	ng	98
22) Acetophenone	7.63	105	155447	42.82	ng	# 93
24) Nitrobenzene	7.84	77	116820	43.35	ng	# 88
25) Isophorone	8.13	82	204679	40.52	ng	94
26) 2-Nitrophenol	8.22	139	51812	39.27	ng	# 80
27) 2,4-Dimethylphenol	8.30	122	104187	43.35	ng	99
28) bis(2-Chloroethoxy)methane	8.42	93	136585	44.54	ng	100
29) 2,4-Dichlorophenol	8.53	162	94349	41.18	ng	95
30) 1,2,4-Trichlorobenzene	8.62	180	103457	40.36	ng	98
31) Naphthalene	8.72	128	336481	39.96	ng	100
32) Benzoic acid	8.42	122	35910	28.15	ng	96
33) 4-Chloroaniline	8.80	127	72361	21.17	ng	# 93
34) Hexachlorobutadiene	8.88	225	58327	40.15	ng	99
35) Caprolactam	9.23	113	27110	40.49	ng	# 84
36) 4-Chloro-3-methylphenol	9.41	107	98794	42.86	ng	87
37) 2-Methylnaphthalene	9.57	142	231544	40.93	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	98658	40.85	ng	# 100
40) Hexachlorocyclopentadiene	9.77	237	98898	81.73	ng	96

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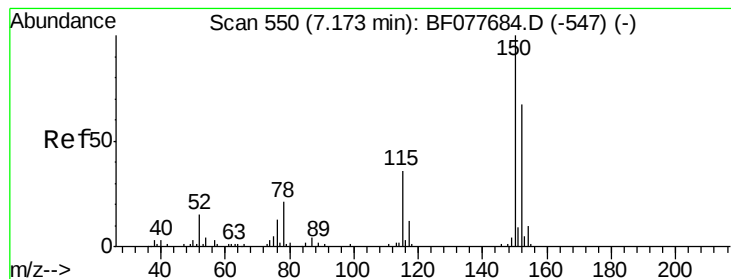
Manual Integrations
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 3/25/2015 5:01:09 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	65753	39.30	ng	99
43) 2,4,5-Trichlorophenol	9.98	196	74298	41.11	ng #	94
45) 1,1'-Biphenyl	10.16	154	270296	41.76	ng	97
46) 2-Chloronaphthalene	10.18	162	220538	41.92	ng	95
47) 2-Nitroaniline	10.32	65	59305	45.39	ng	98
48) Acenaphthylene	10.68	152	334190	38.20	ng	99
49) Dimethylphthalate	10.56	163	261063	43.47	ng	99
50) 2,6-Dinitrotoluene	10.62	165	56207	45.15	ng	90
51) Acenaphthene	10.90	154	193621	38.60	ng	100
52) 3-Nitroaniline	10.82	138	41588	28.77	ng #	73
53) 2,4-Dinitrophenol	10.96	184	35191	77.25	ng	92
54) Dibenzofuran	11.12	168	302523	40.67	ng	94
55) 4-Nitrophenol	11.06	139	82072	76.63	ng	97
56) 2,4-Dinitrotoluene	11.12	165	71696	44.17	ng	96
57) Fluorene	11.54	166	247938	40.14	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.28	232	59191	42.53	ng #	100
59) Diethylphthalate	11.42	149	246350	42.10	ng	96
60) 4-Chlorophenyl-phenylether	11.55	204	115139	40.85	ng	90
61) 4-Nitroaniline	11.57	138	56375	39.12	ng	73
62) Azobenzene	11.74	77	232685	41.61	ng	94
64) 4,6-Dinitro-2-methylphenol	11.62	198	28295	39.97	ng	80
65) n-Nitrosodiphenylamine	11.70	169	213499	41.91	ng	99
66) 4-Bromophenyl-phenylether	12.16	248	68504	41.96	ng #	91
67) Hexachlorobenzene	12.21	284	74165	41.35	ng	95
68) Atrazine	12.37	200	63442	44.44	ng	95
69) Pentachlorophenol	12.47	266	71508	76.26	ng	96
70) Phenanthrene	12.73	178	373086	42.48	ng	99
71) Anthracene	12.79	178	370607	42.72	ng	100
72) Carbazole	13.00	167	361913	43.85	ng	99
73) Di-n-butylphthalate	13.46	149	400497	43.28	ng	98
74) Fluoranthene	14.20	202	417138	43.07	ng	99
76) Benzidine	14.39	184	120606	29.67	ng	99
77) Pyrene	14.48	202	428768	41.67	ng	100
79) Butylbenzylphthalate	15.31	149	172469	42.51	ng #	83
80) Benzo(a)anthracene	15.99	228	418731	43.17	ng	98
81) 3,3'-Dichlorobenzidine	15.96	252	98398	30.75	ng	97
82) Chrysene	16.03	228	389903	44.71	ng	100
83) Bis(2-ethylhexyl)phthalate	16.05	149	263073	42.81	ng #	97
84) Di-n-octyl phthalate	16.88	149	438647	41.75	ng	99
85) Indeno(1,2,3-cd)pyrene	19.17	276	436711	40.12	ng #	100
87) Benzo(b)fluoranthene	17.33	252	391642m	39.00	ng	
88) Benzo(k)fluoranthene	17.37	252	393211	50.13	ng #	98
89) Benzo(a)pyrene	17.72	252	382025	45.60	ng #	96
90) Dibenzo(a,h)anthracene	19.21	278	370411	44.57	ng	99
91) Benzo(g,h,i)perylene	19.57	276	372063	43.98	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF077915.D

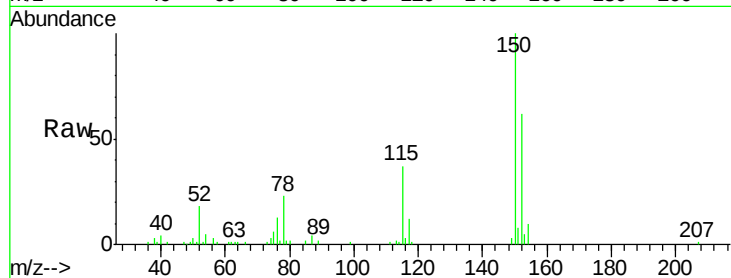
Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

ClientSampleId :

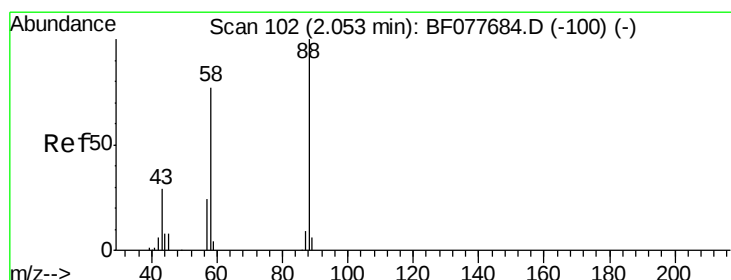
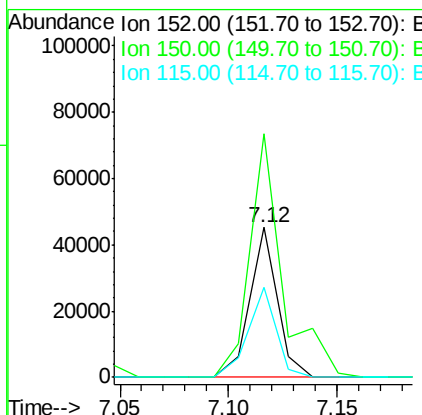
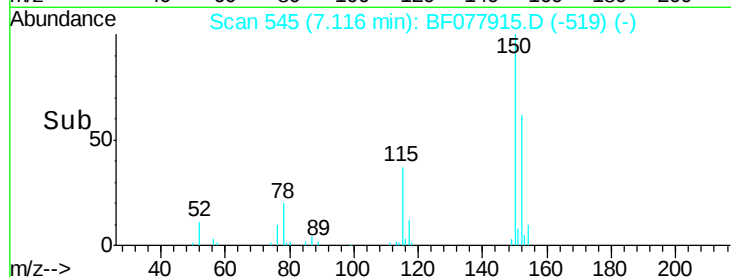
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Tgt Ion:	152	Resp:	39634
Ion Ratio	Lower	Upper	
152	100		
150	162.3	119.5	179.3
115	60.3	43.0	64.4

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#2

1,4-Dioxane

Concen: 34.20 ng

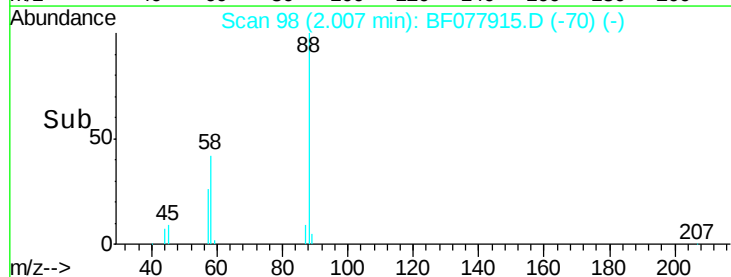
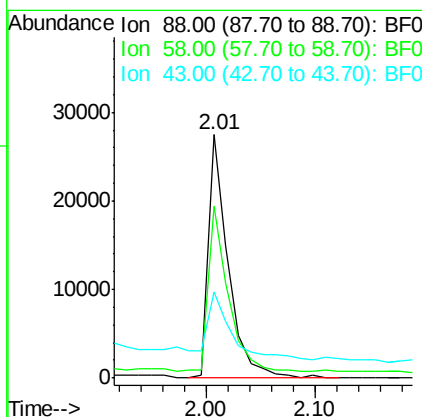
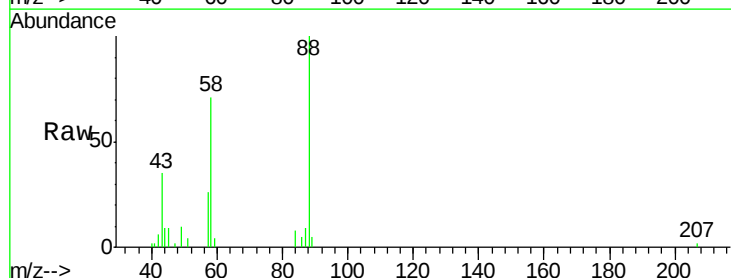
RT: 2.01 min Scan# 98

Delta R.T. 0.02 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion:	88	Resp:	35257
Ion Ratio	Lower	Upper	
88	100		
58	67.5	0.0	0.0#
43	32.4	0.0	0.0#





#3

Pyridine

Concen: 35.96 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.03 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

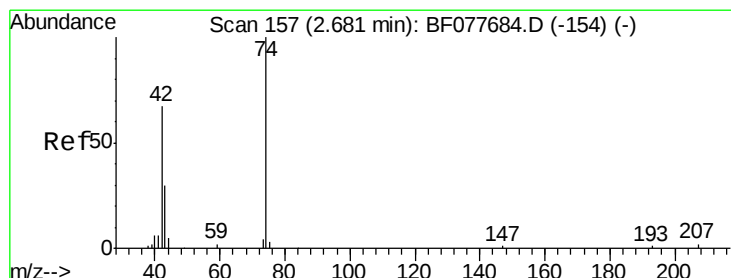
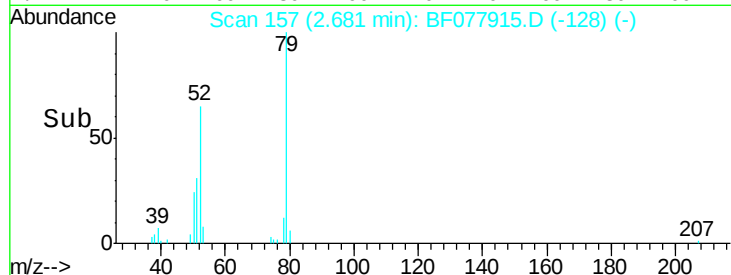
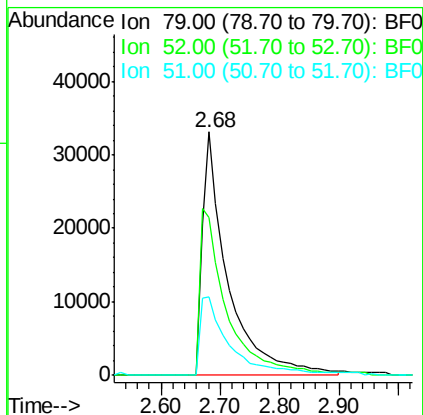
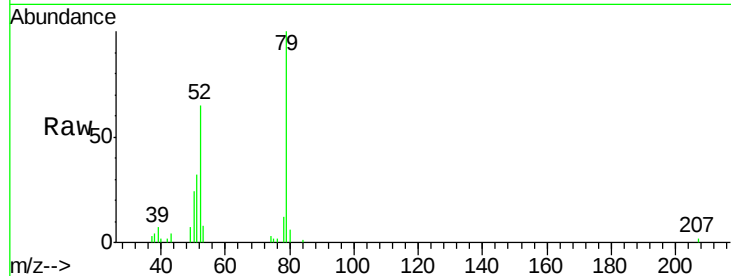
ClientSampleId :

PB82241BS

Tgt Ion:	79	Resp:	99613
Ion	Ratio	Lower	Upper
79	100		
52	64.9	51.1	76.7
51	32.4	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 36.44 ng

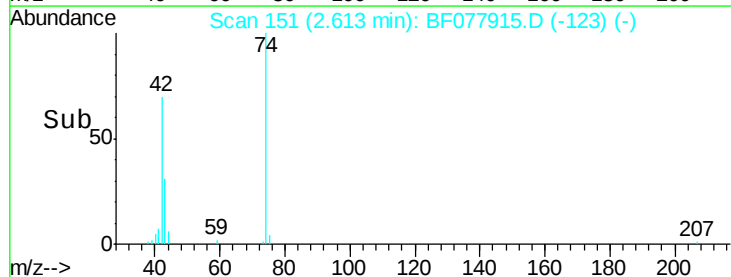
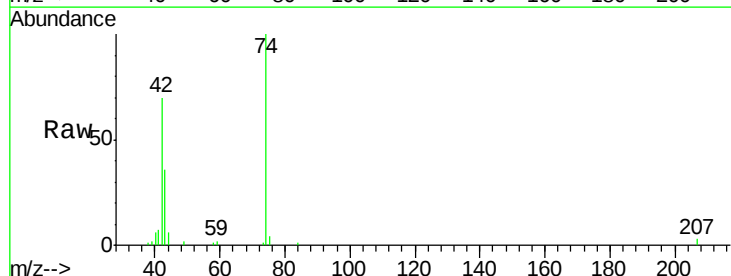
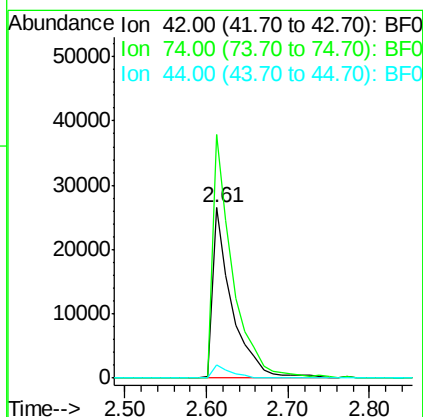
RT: 2.61 min Scan# 151

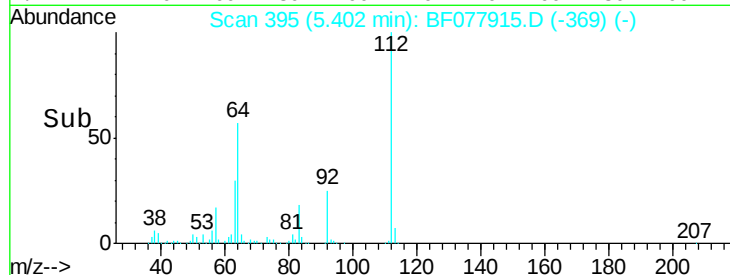
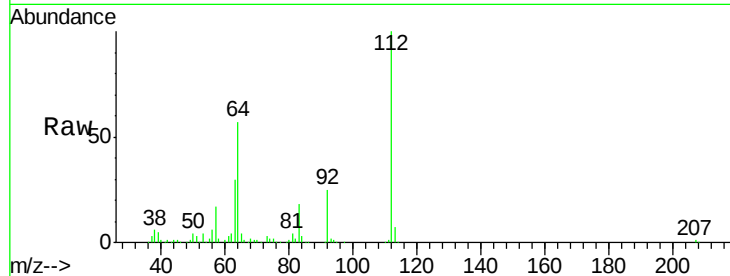
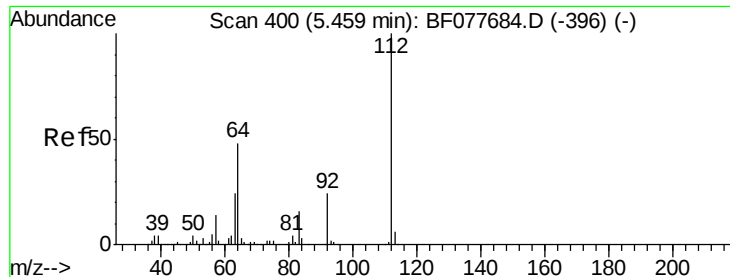
Delta R.T. 0.02 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion:	42	Resp:	43950
Ion	Ratio	Lower	Upper
42	100		
74	143.2	119.3	178.9
44	8.1	5.4	8.2





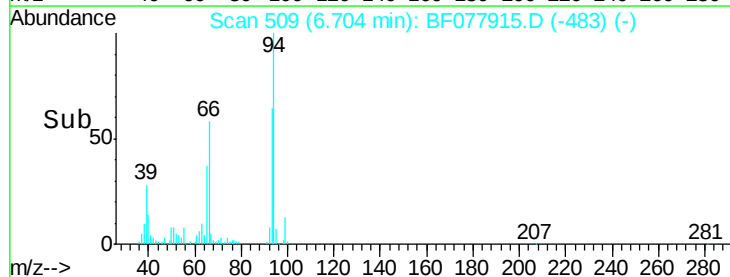
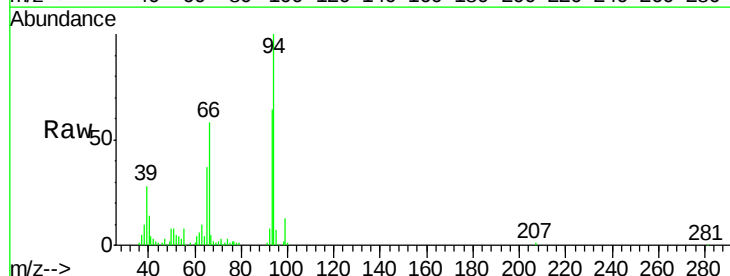
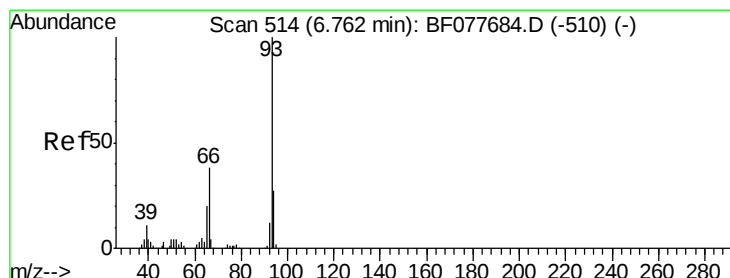
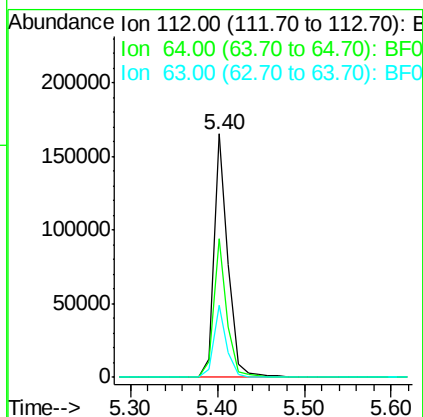
#5
2-Fluorophenol
Concen: 82.08 ng
RT: 5.40 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	186362		
64	56.7	38.6	57.8	
63	29.8	19.3	28.9	

Instrument :
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PB82241BS

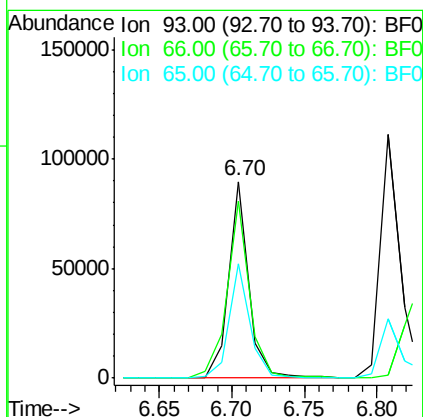
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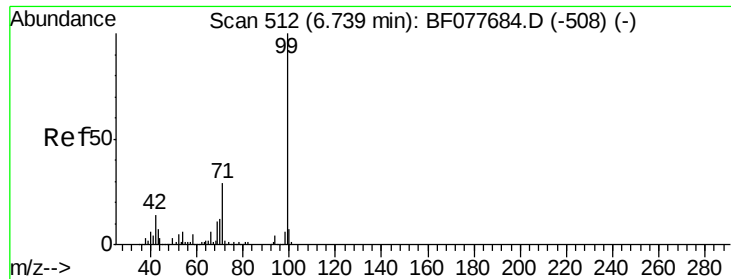
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#6
Aniline
Concen: 21.64 ng
RT: 6.70 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	86836		
66	90.1	30.8	46.2	
65	58.1	16.0	24.0	





#7

Phenol-d6

Concen: 85.37 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077915.D

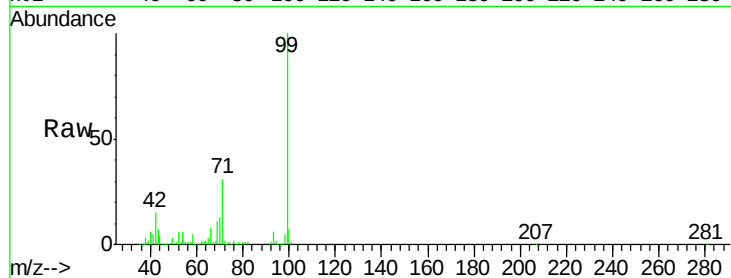
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Instrument :

BNA_F

ClientSampleId :

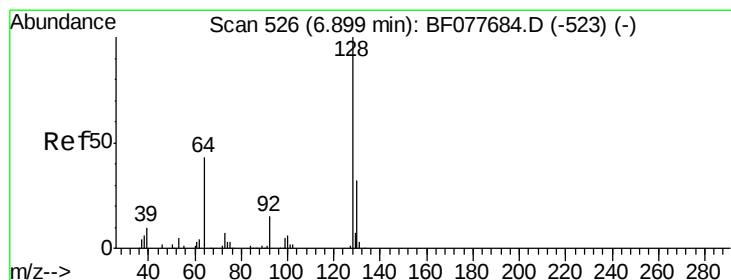
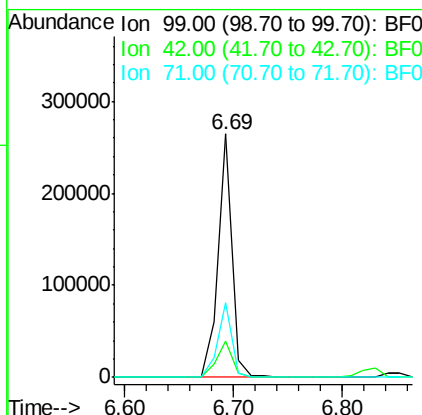
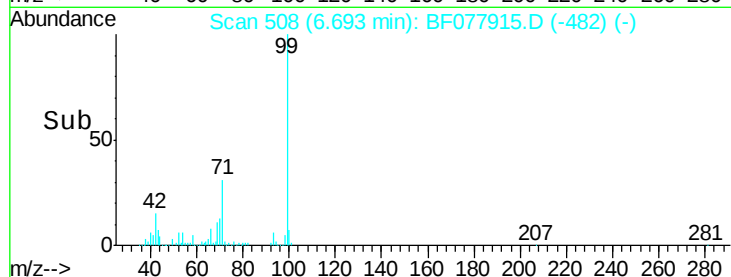
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Tgt Ion:	99	Resp:	239496
Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.0	16.4
71	30.7	23.4	35.2

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#8

2-Chlorophenol

Concen: 43.19 ng

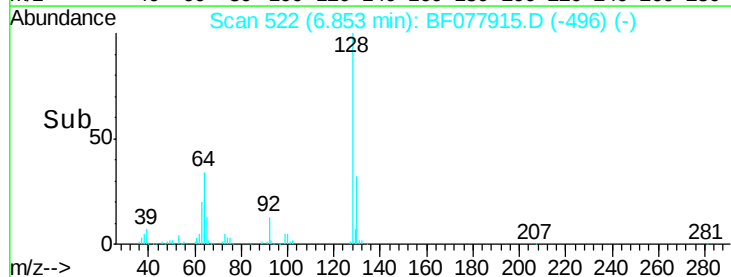
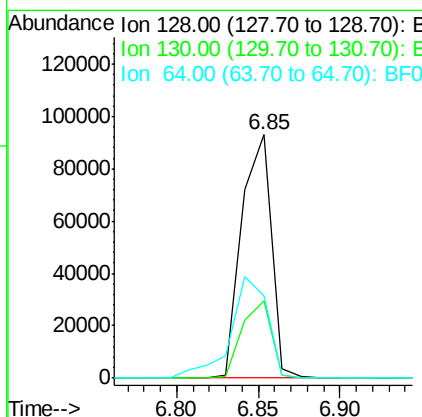
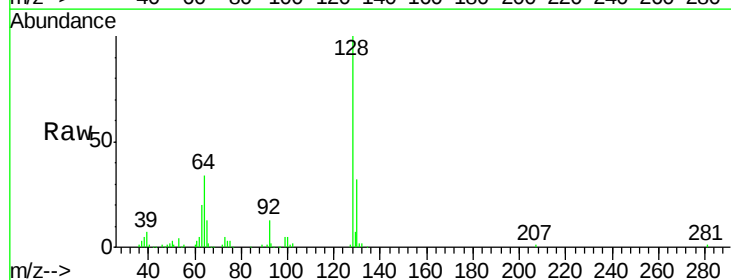
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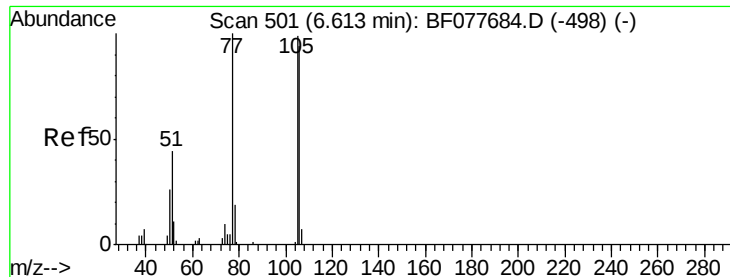
Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion:	128	Resp:	116719
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.0	52.0
64	33.7	24.9	64.9





#9

Benzaldehyde

Concen: 3.60 ng

RT: 6.57 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF077915.D

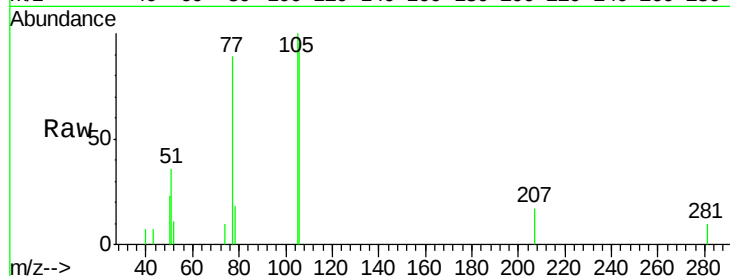
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Instrument :

BNA_F

ClientSampleId :

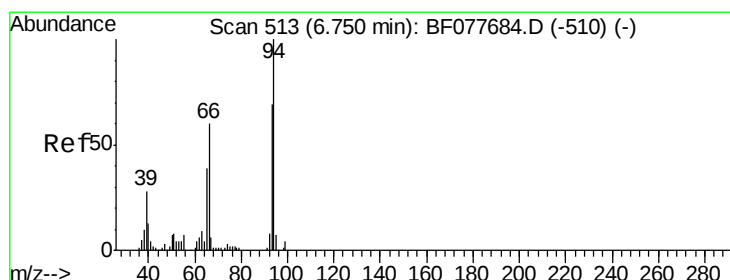
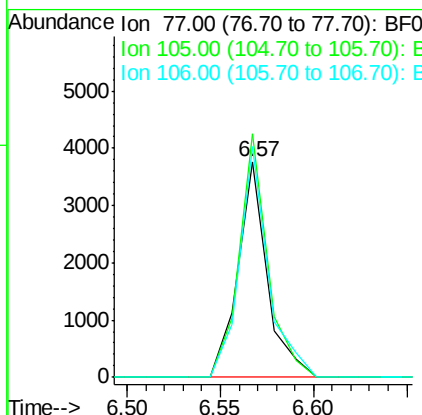
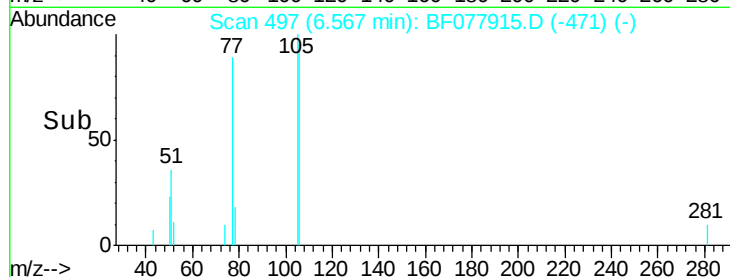
PB82241BS



Tgt Ion:	77	Resp:	4139
Ion	Ratio	Lower	Upper
77	100		
105	112.7	78.8	118.8
106	107.1	73.7	113.7

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#10

Phenol

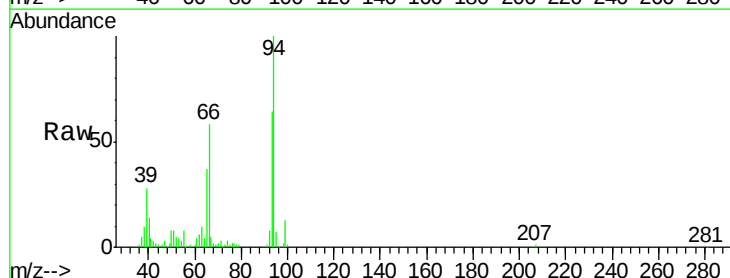
Concen: 41.90 ng

RT: 6.70 min Scan# 509

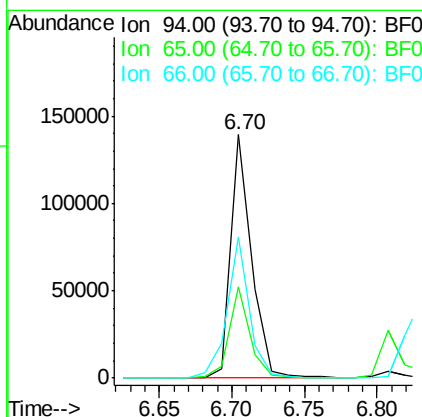
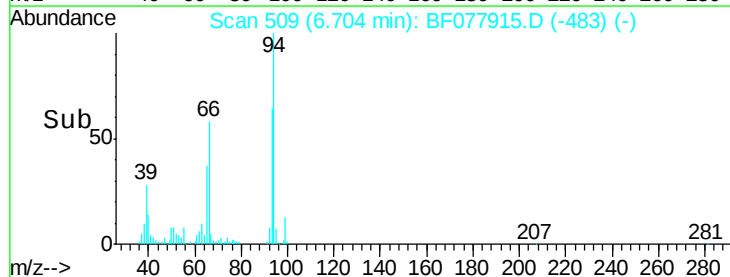
Delta R.T. -0.00 min

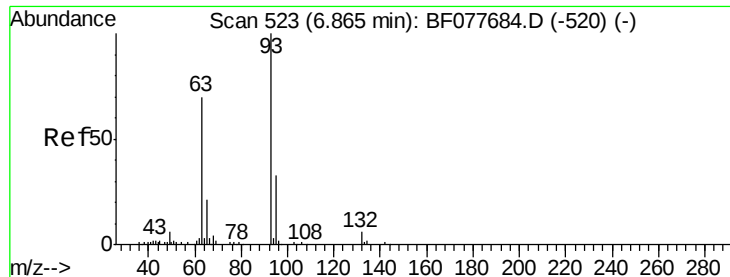
Lab File: BF077915.D

Acq: 24 Mar 2015 16:58



Tgt Ion:	94	Resp:	138964
Ion	Ratio	Lower	Upper
94	100		
65	37.4	18.8	58.8
66	58.1	39.9	79.9





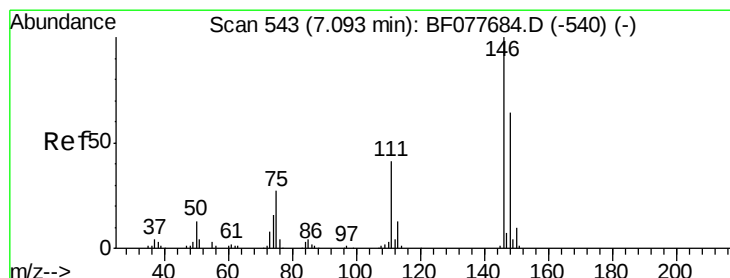
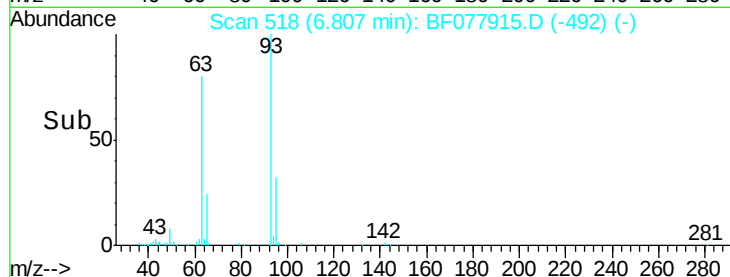
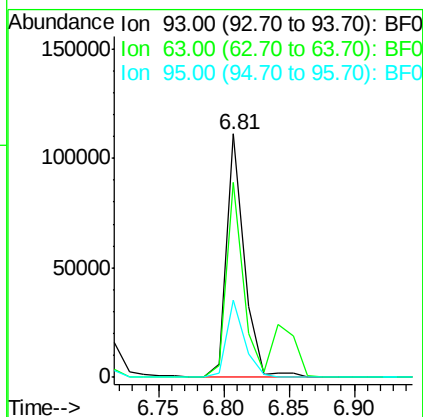
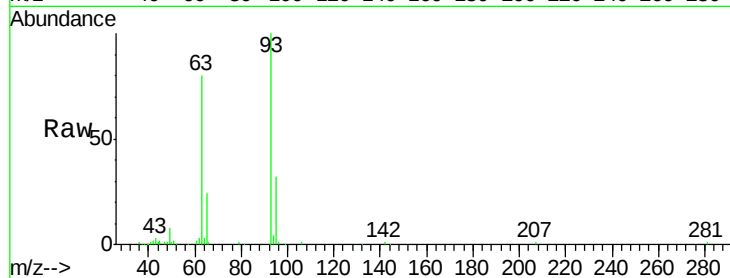
#11
bis(2-Chloroethyl)ether
Concen: 42.95 ng
RT: 6.81 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB82241BS

Tgt Ion:	93	Resp:	106693
Ion	Ratio	Lower	Upper
93	100		
63	80.0	49.5	89.5
95	31.7	13.5	53.5

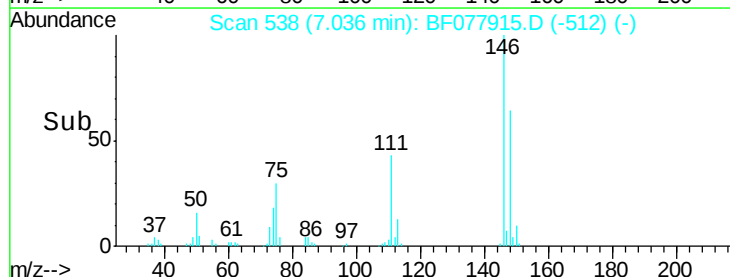
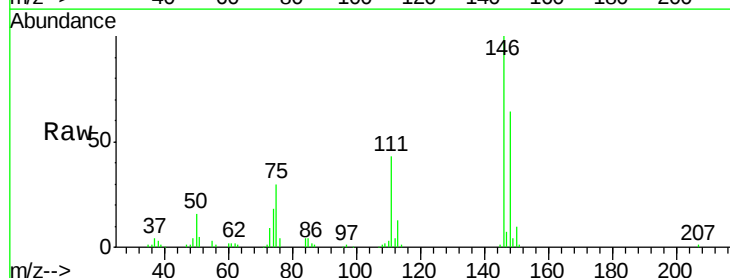
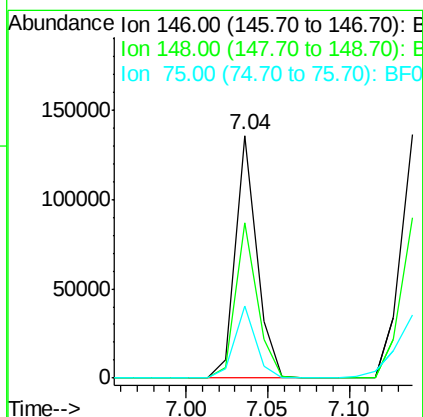
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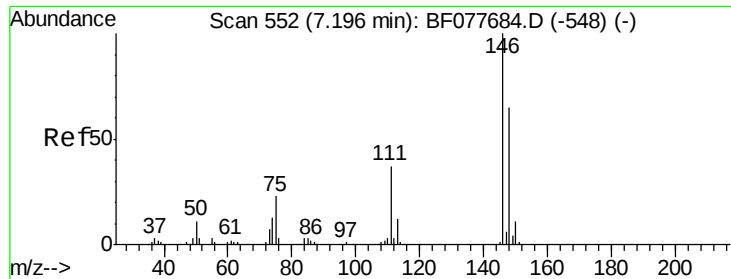
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.88 ng
RT: 7.04 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion:	146	Resp:	122875
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.9	76.3
75	29.8	21.4	32.2





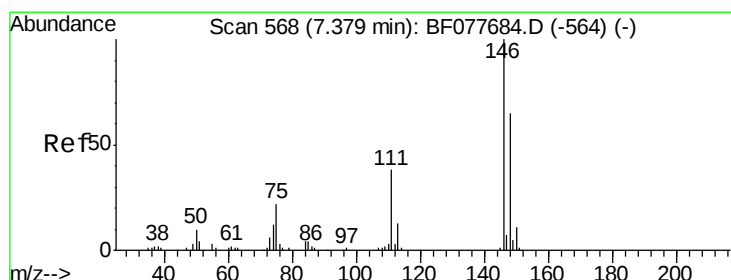
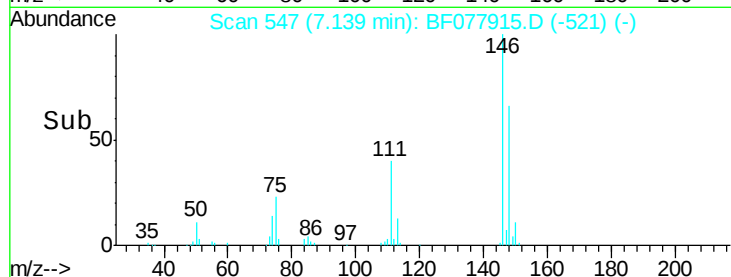
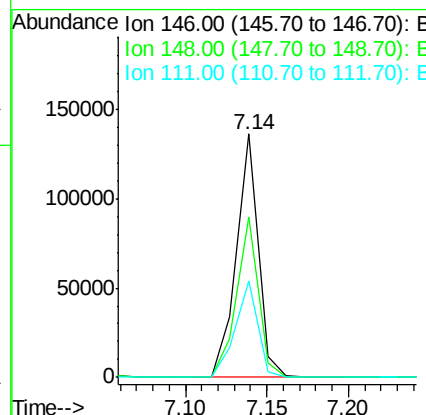
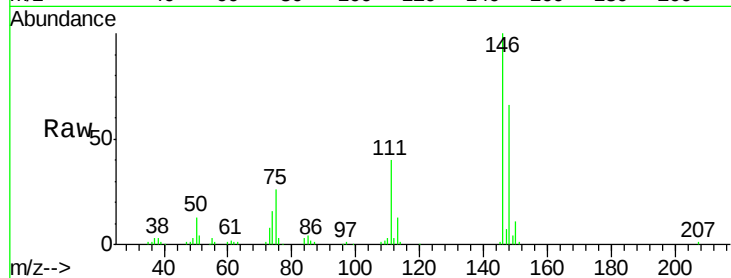
#13
1,4-Dichlorobenzene
Concen: 40.17 ng
RT: 7.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB82241BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	125479		
148	66.1	51.9	77.9	
111	39.7	29.2	43.8	

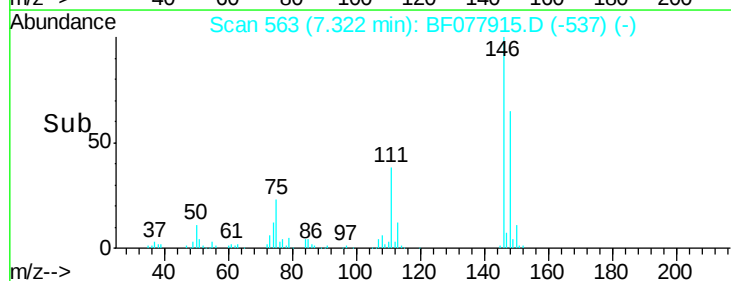
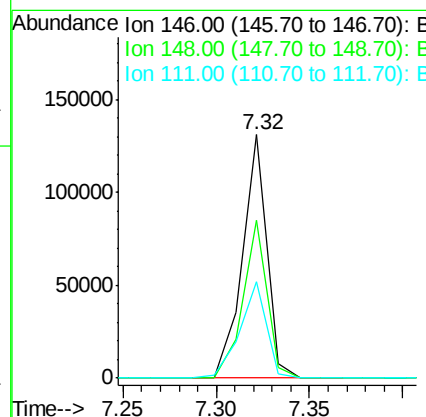
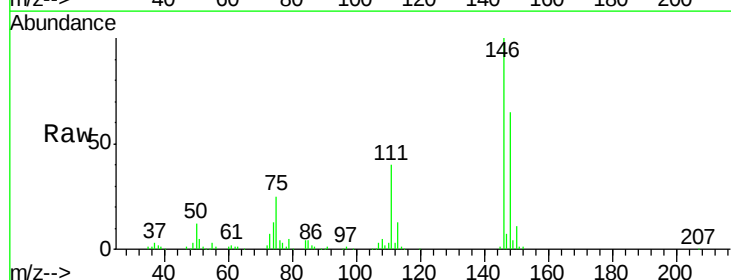
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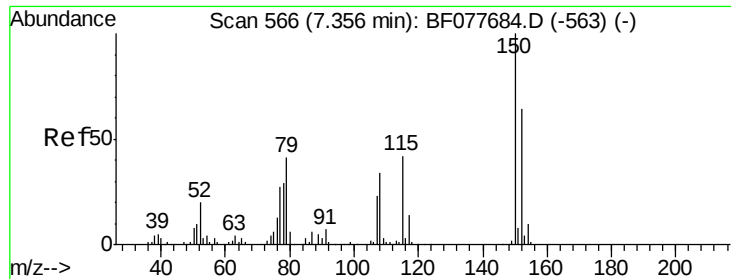
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.80 ng
RT: 7.32 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	119698		
148	64.7	52.3	78.5	
111	39.8	30.6	45.8	





#15

Benzyl Alcohol

Concen: 39.61 ng

RT: 7.31 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

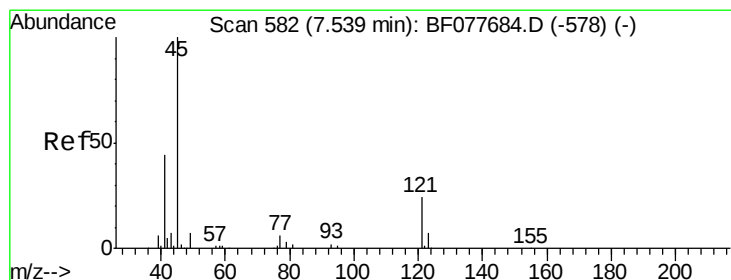
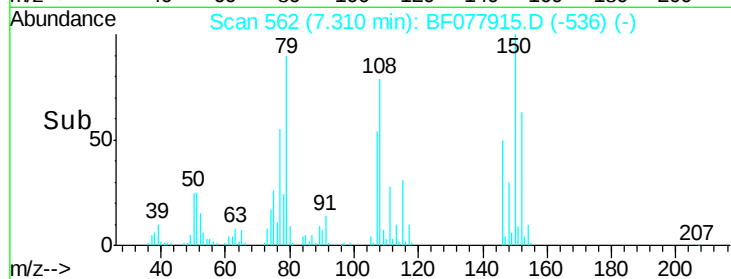
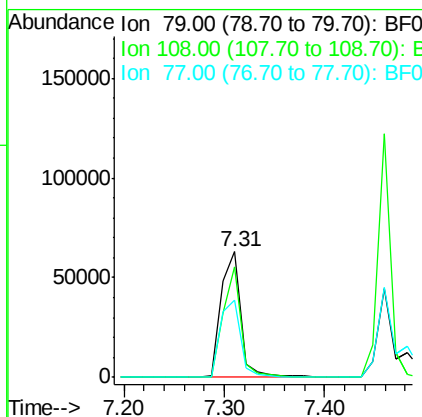
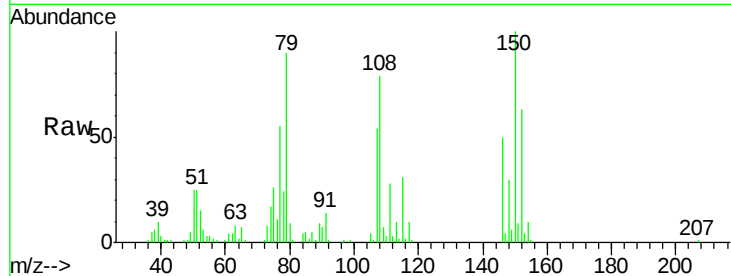
ClientSampled :

PB82241BS

Tgt Ion:	79	Resp:	86740
Ion Ratio	Lower	Upper	
79	100		
108	87.6	65.0	97.4
77	61.2	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.84 ng

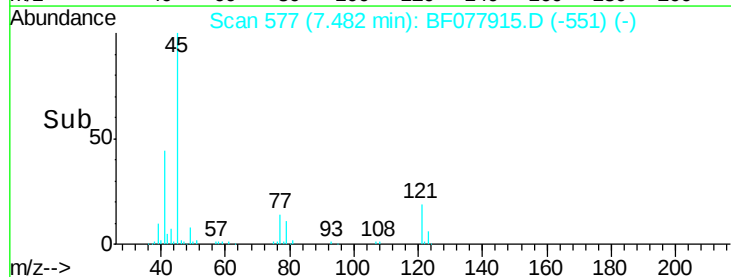
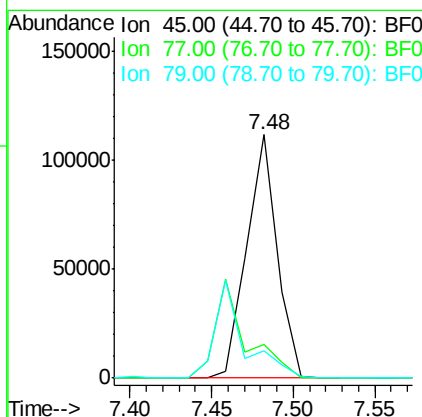
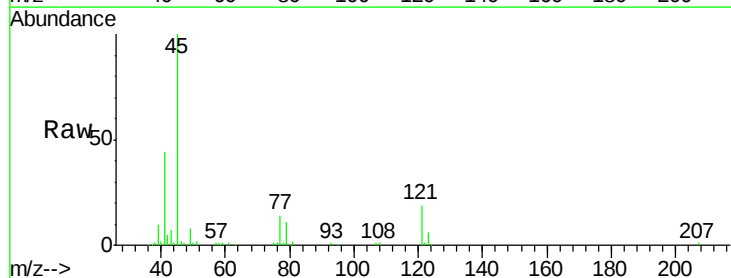
RT: 7.48 min Scan# 577

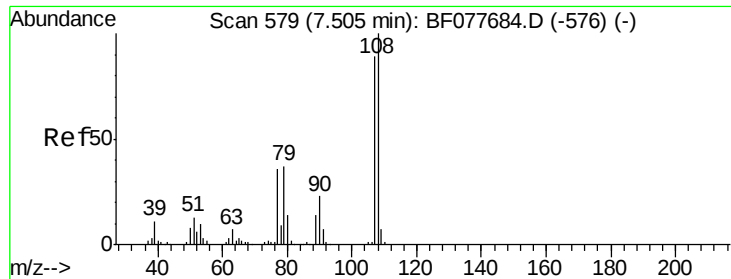
Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion:	45	Resp:	143385
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	35.2
79	11.1	0.0	32.0





#17

2-Methylphenol

Concen: 42.17 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF077915.D

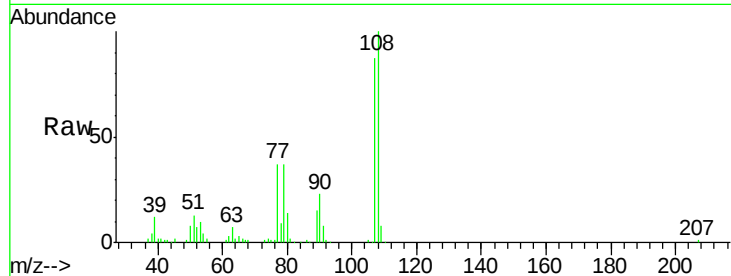
Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

ClientSampleId :

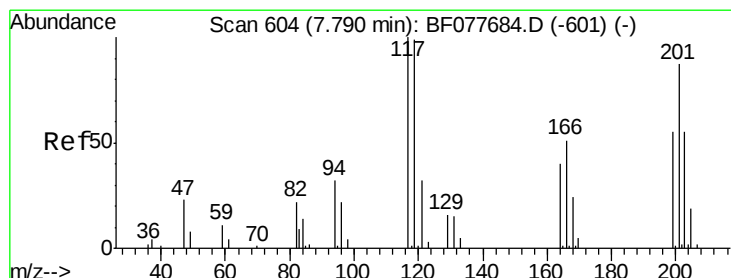
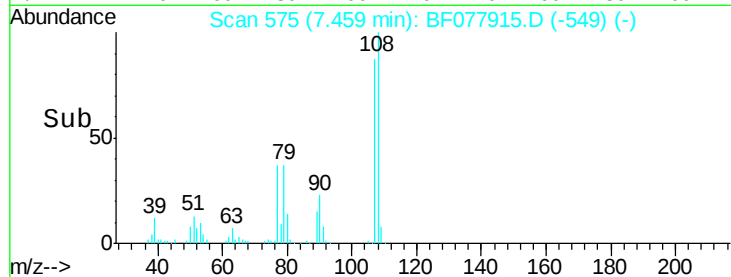
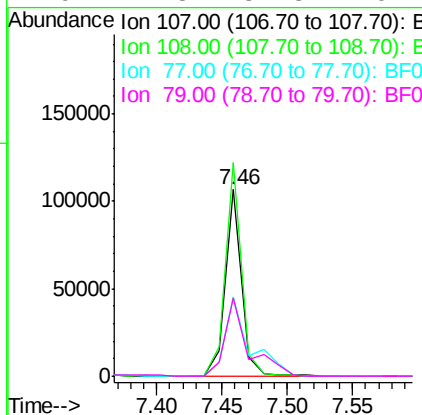
PB82241BS



Tgt Ion:	107	Resp:	92778
Ion	Ratio	Lower	Upper
107	100		
108	114.5	89.8	134.8
77	42.4	32.6	48.8
79	41.8	32.8	49.2

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#18

Hexachloroethane

Concen: 41.92 ng

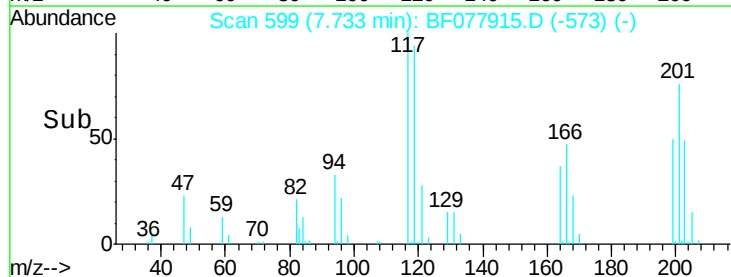
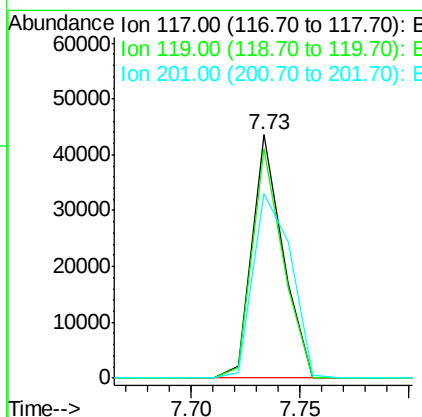
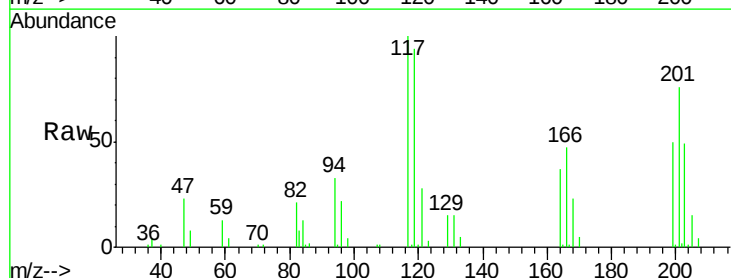
RT: 7.73 min Scan# 599

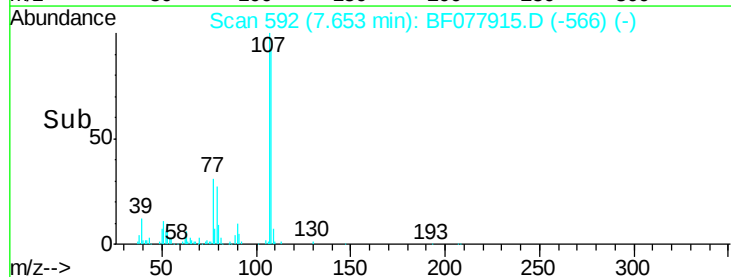
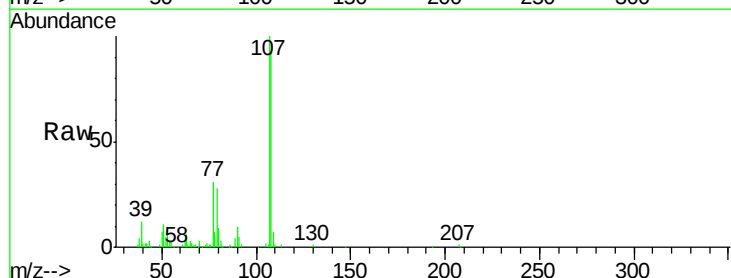
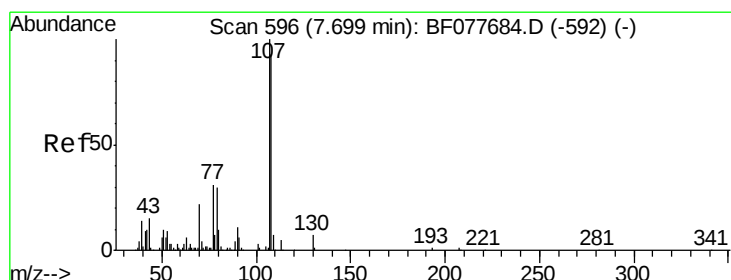
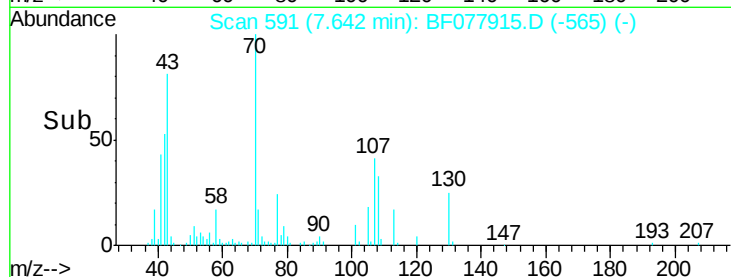
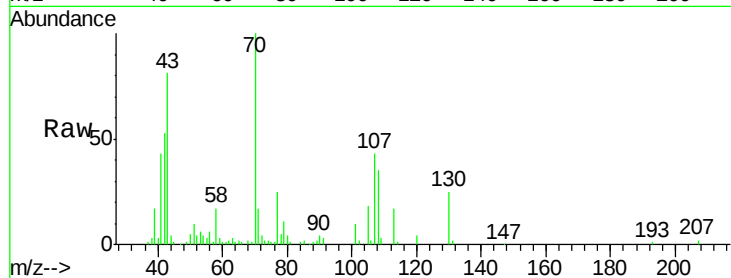
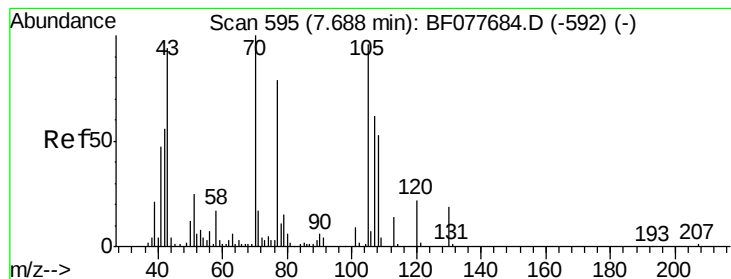
Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion:	117	Resp:	42938
Ion	Ratio	Lower	Upper
117	100		
119	94.2	79.2	118.8
201	75.8	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 39.62 ng

RT: 7.64 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

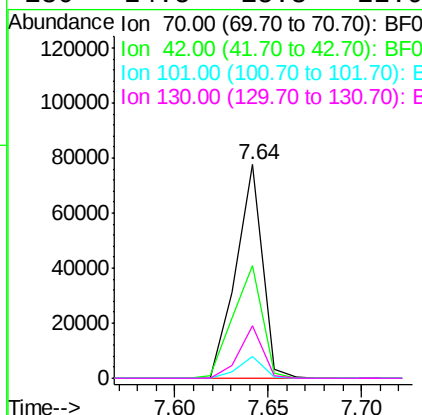
ClientSampleId :

PB82241BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.5	44.5	66.7	
101	10.2	7.4	11.2	
130	24.5	15.3	22.9	

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#20

3+4-Methylphenols

Concen: 41.34 ng

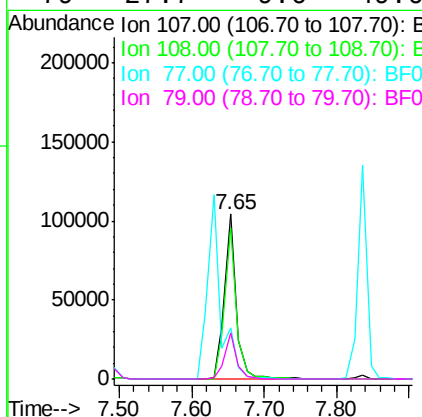
RT: 7.65 min Scan# 592

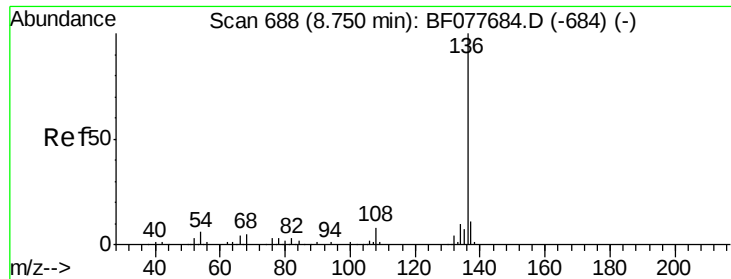
Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.7	73.2	113.2	
77	31.2	10.7	50.7	
79	27.7	9.6	49.6	





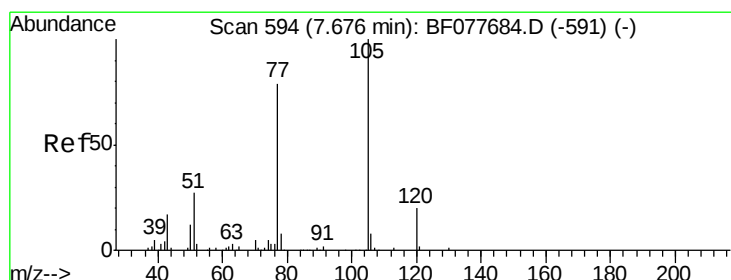
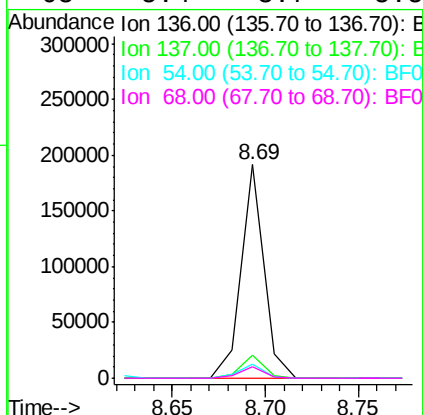
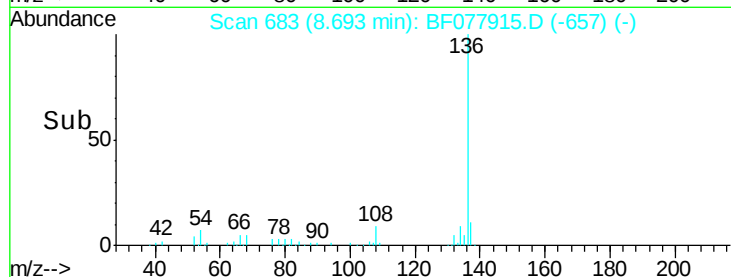
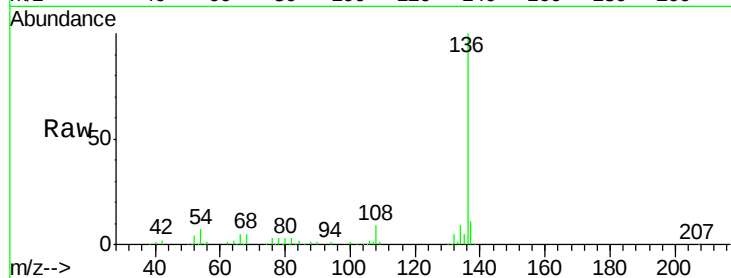
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB82241BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	163969		
137	10.8	8.7	13.1	
54	6.8	4.6	6.8	
68	5.4	3.7	5.5	

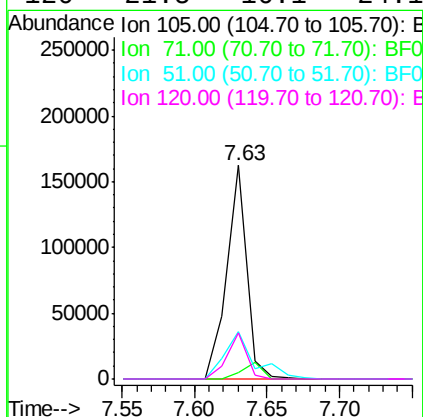
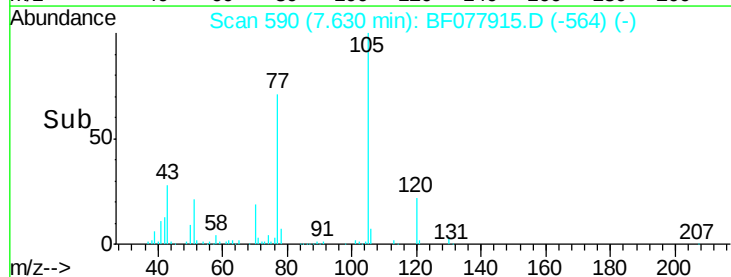
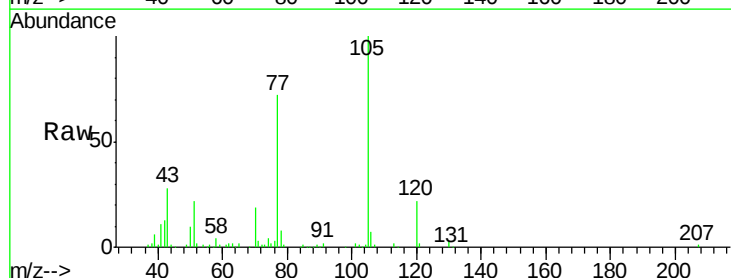
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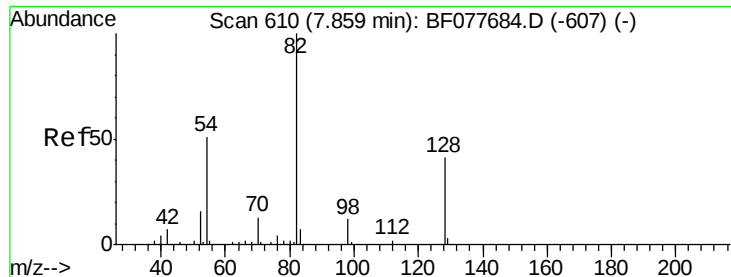
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#22
Acetophenone
Concen: 42.82 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	155447		
71	3.2	0.6	1.0#	
51	22.0	21.6	32.4	
120	21.5	16.1	24.1	





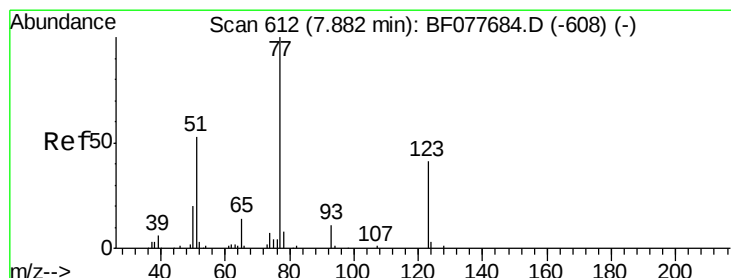
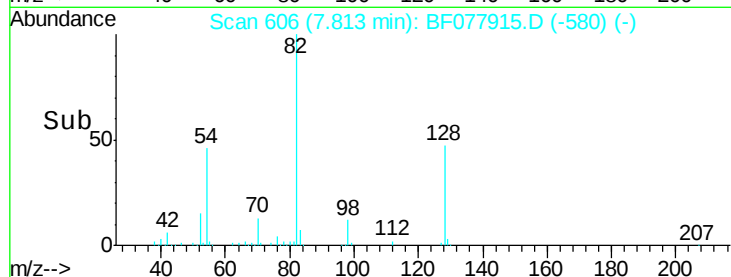
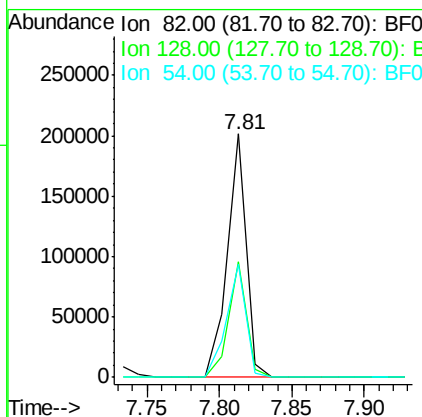
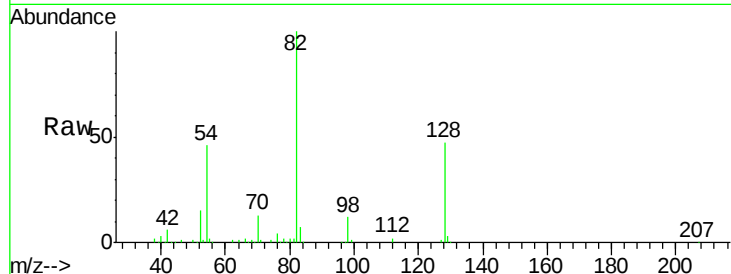
#23
 Nitrobenzene-d5
 Concen: 72.77 ng
 RT: 7.81 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	182031		
128	47.3	32.8	49.2	
54	46.3	40.6	60.8	

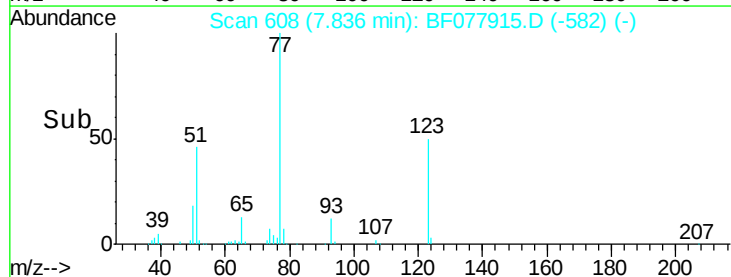
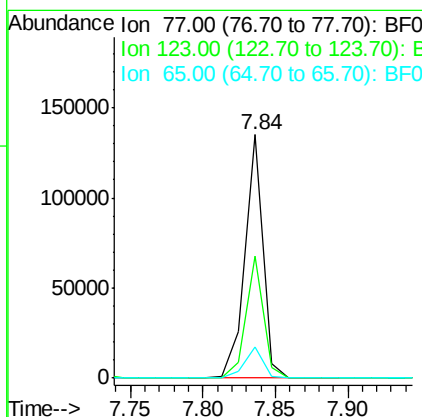
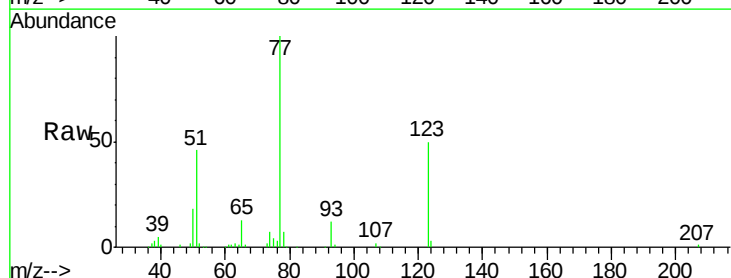
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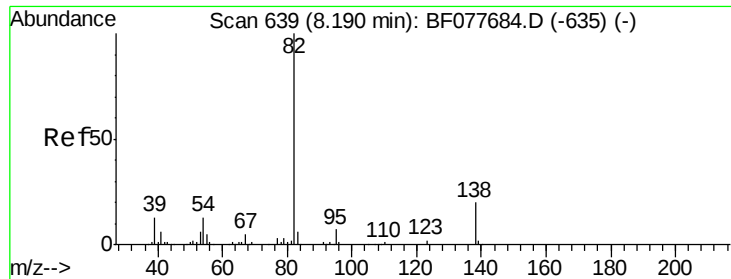
mohammad
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#24
 Nitrobenzene
 Concen: 43.35 ng
 RT: 7.84 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	116820		
123	50.1	32.6	49.0#	
65	12.6	10.9	16.3	





#25

Isophorone

Concen: 40.52 ng

RT: 8.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF077915.D

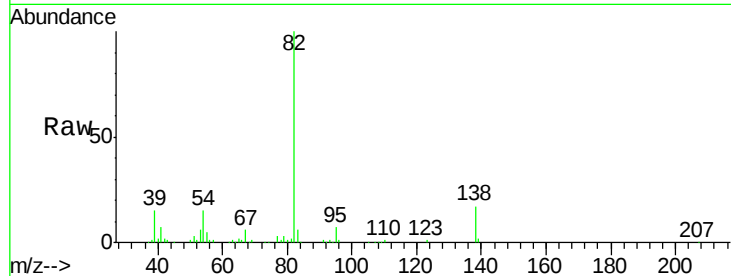
Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

ClientSampleId :

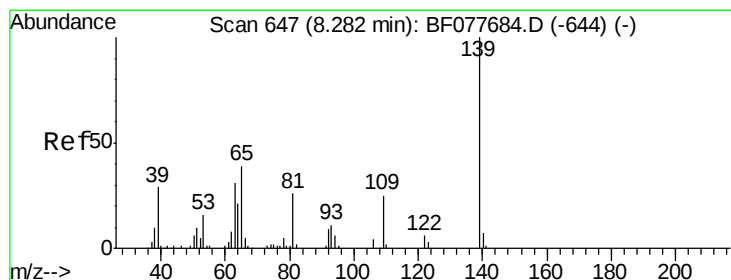
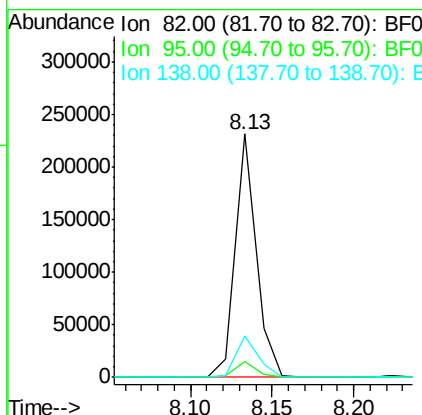
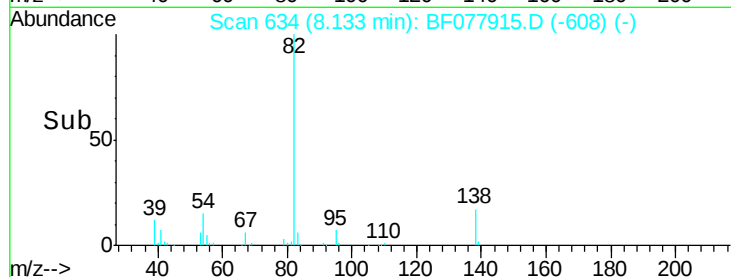
PB82241BS



Tgt Ion:	82	Resp:	204679
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.8	8.6
138	16.8	16.3	24.5

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#26

2-Nitrophenol

Concen: 39.27 ng

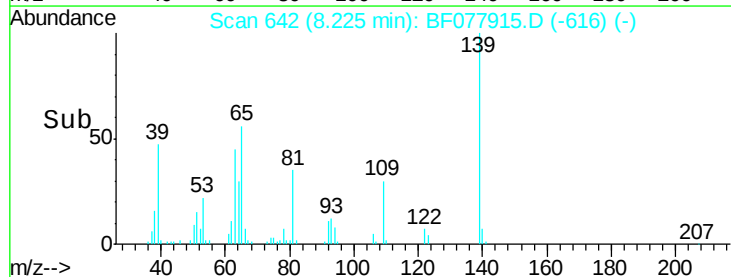
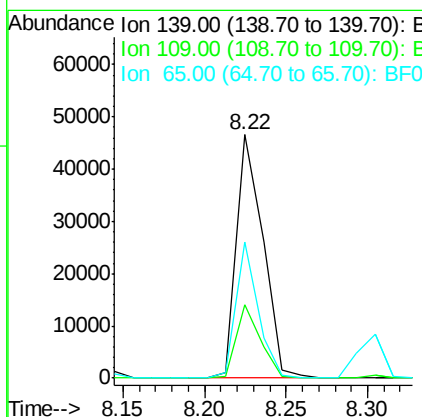
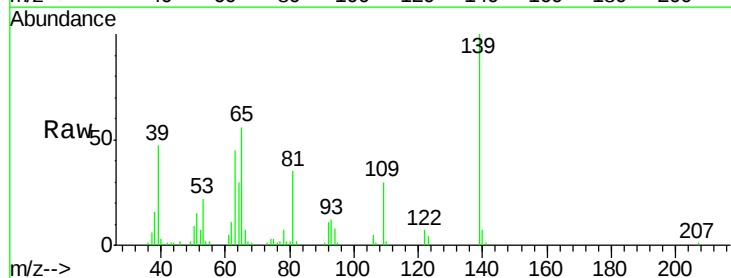
RT: 8.22 min Scan# 642

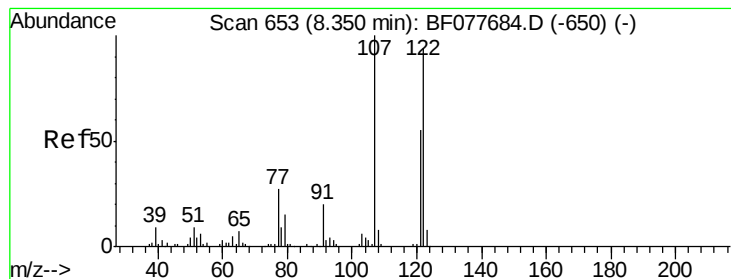
Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion:	139	Resp:	51812
Ion Ratio	Lower	Upper	
139	100		
109	30.1	20.1	30.1
65	55.9	31.5	47.3#





#27

2,4-Dimethylphenol

Concen: 43.35 ng

RT: 8.30 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF077915.D

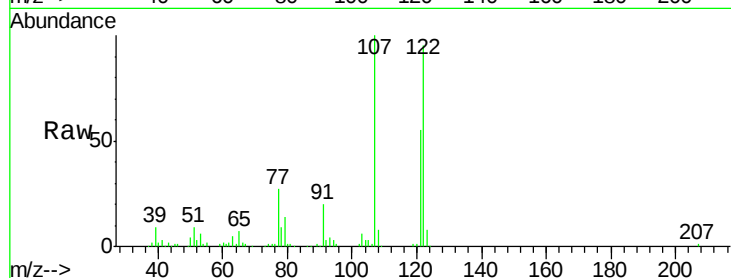
Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

ClientSampleId :

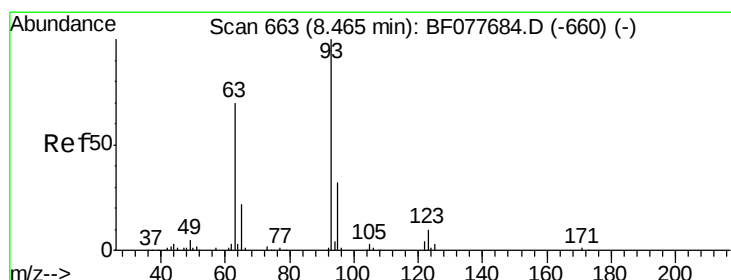
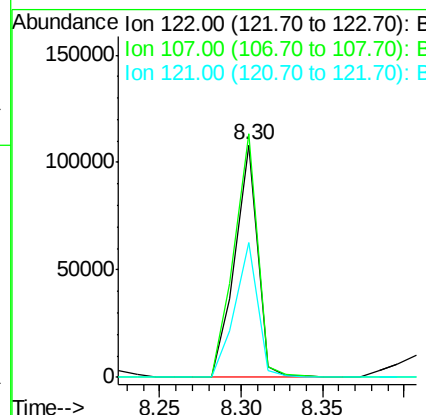
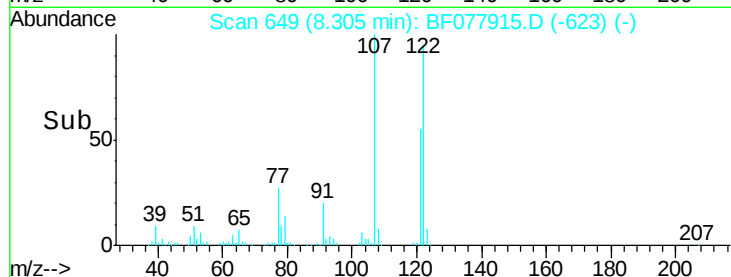
PB82241BS



Tgt Ion:	122	Resp:	104187
Ion Ratio	Lower	Upper	
122	100		
107	104.8	84.7	127.1
121	58.1	46.6	69.8

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#28

bis(2-Chloroethoxy)methane

Concen: 44.54 ng

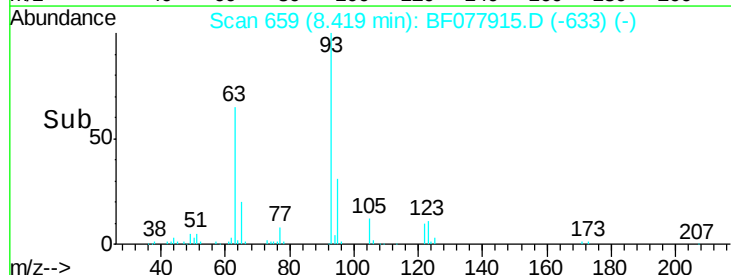
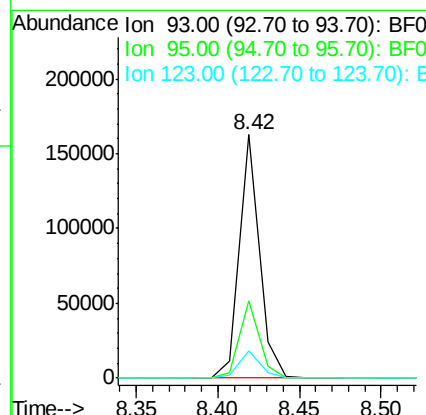
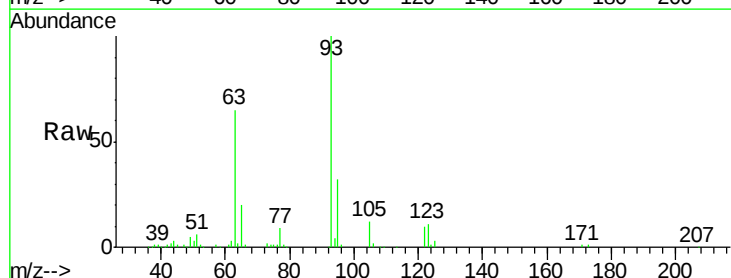
RT: 8.42 min Scan# 659

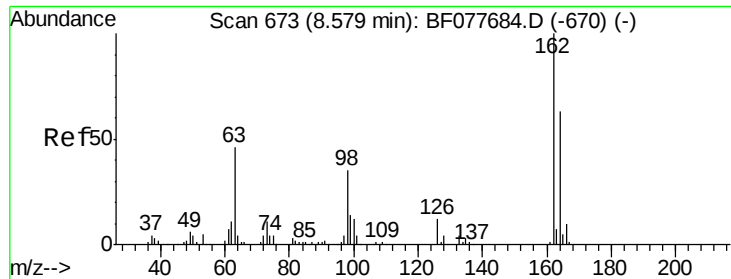
Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion:	93	Resp:	136585
Ion Ratio	Lower	Upper	
93	100		
95	32.0	25.5	38.3
123	11.1	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 41.18 ng

RT: 8.53 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

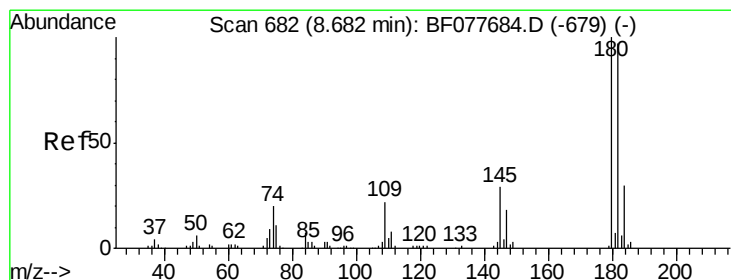
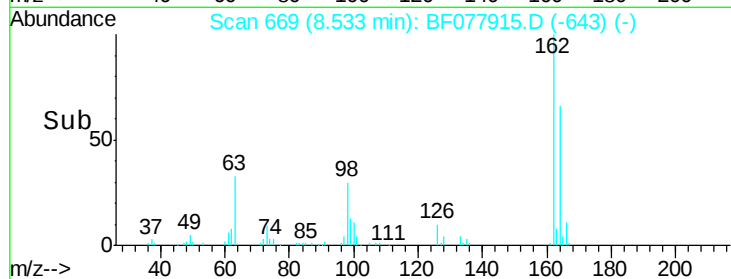
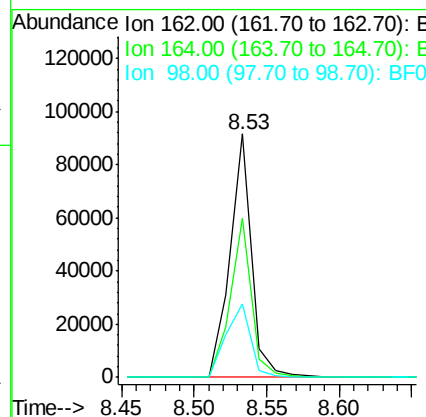
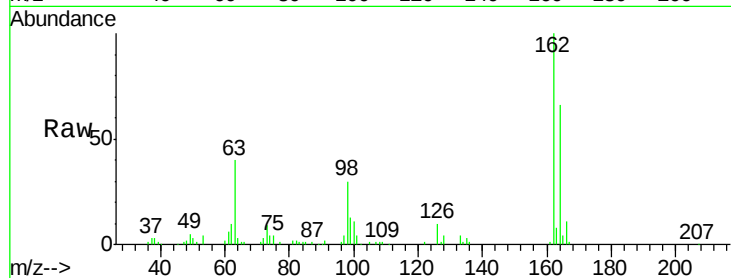
ClientSampleId :

PB82241BS

Tgt Ion:	162	Resp:	94349
Ion Ratio	Lower	Upper	
162	100		
164	65.6	42.8	82.8
98	30.4	14.5	54.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 40.36 ng

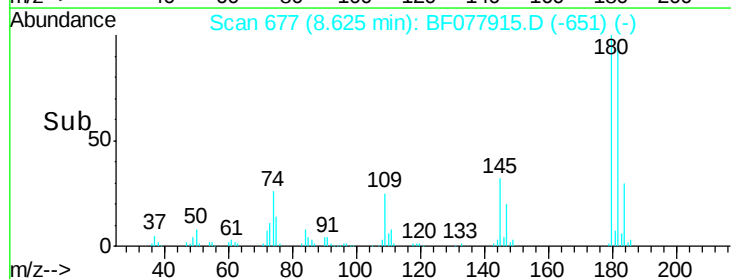
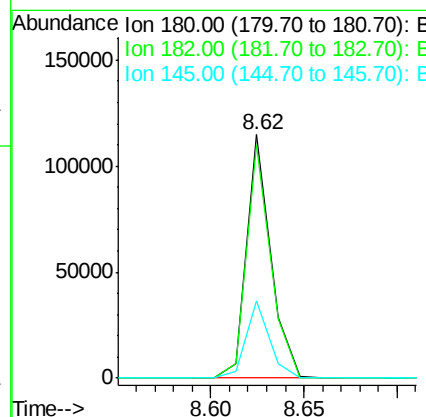
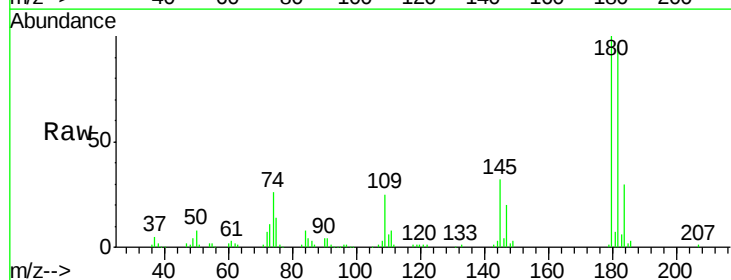
RT: 8.62 min Scan# 677

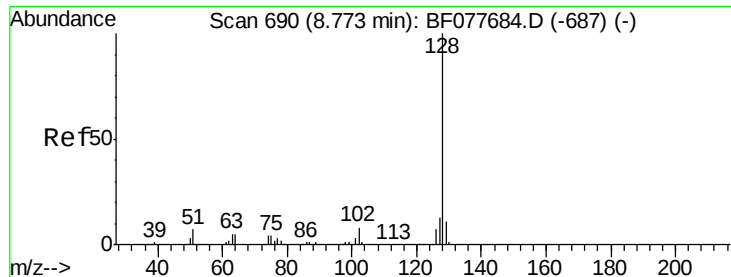
Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion:	180	Resp:	103457
Ion Ratio	Lower	Upper	
180	100		
182	95.9	77.6	116.4
145	31.5	23.4	35.2





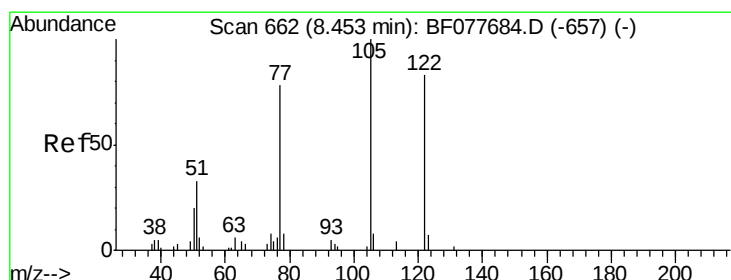
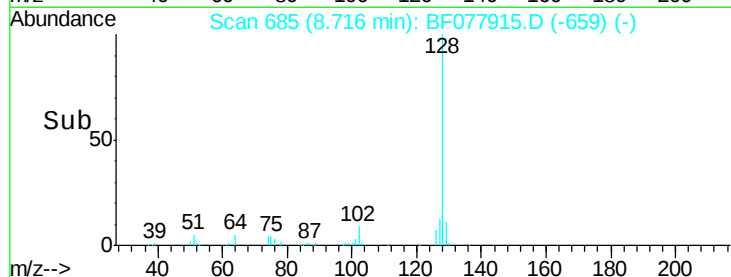
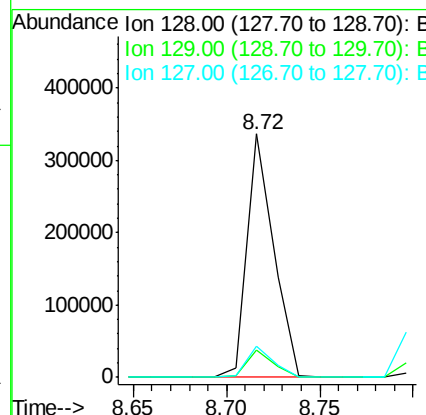
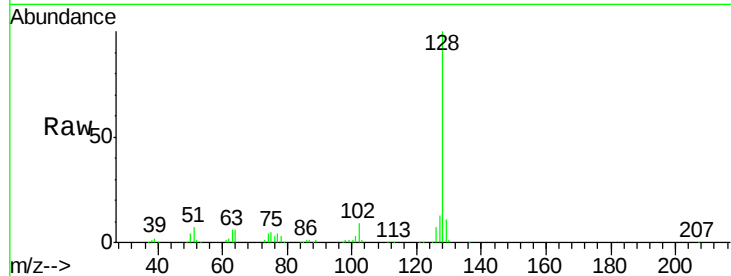
#31
Naphthalene
Concen: 39.96 ng
RT: 8.72 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB82241BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	336481		
129	11.1	8.9	13.3	
127	12.9	10.4	15.6	

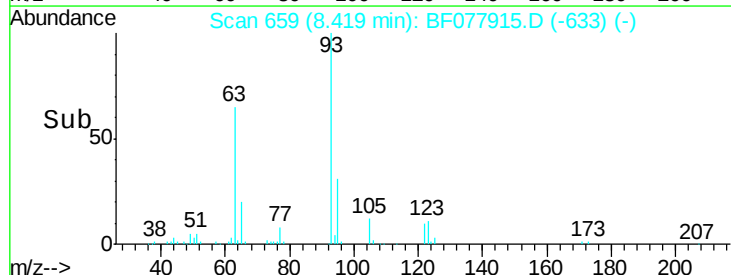
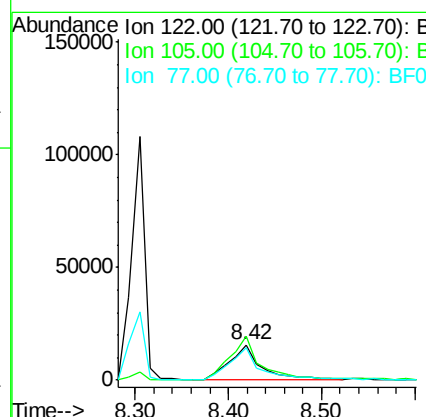
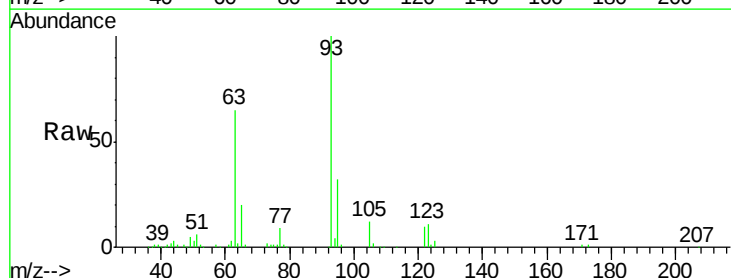
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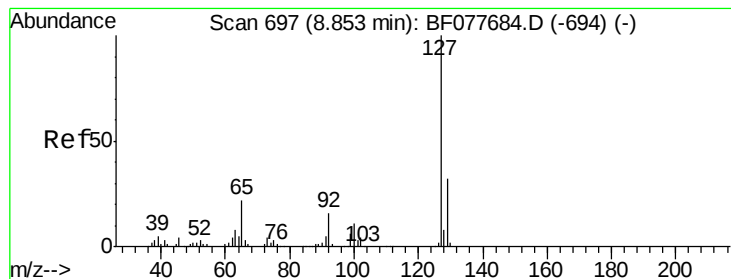
mohammad
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#32
Benzoic acid
Concen: 28.15 ng
RT: 8.42 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	35910		
105	124.7	99.9	139.9	
77	90.8	73.7	113.7	





#33

4-Chloroaniline

Concen: 21.17 ng

RT: 8.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

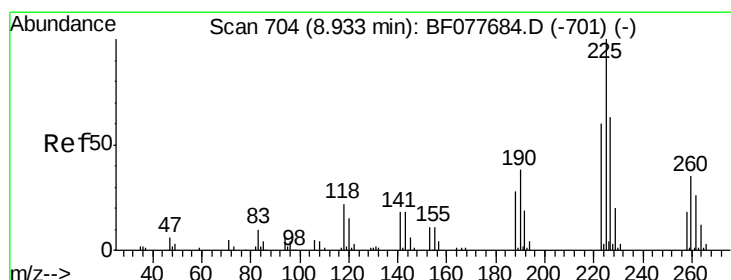
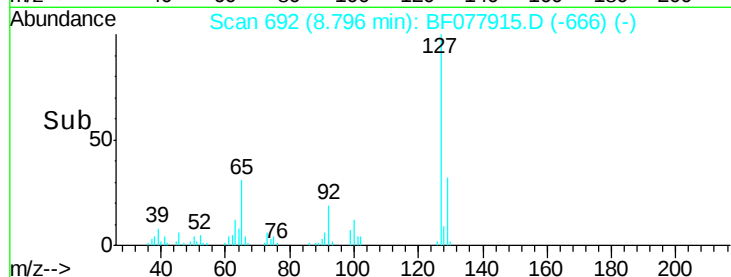
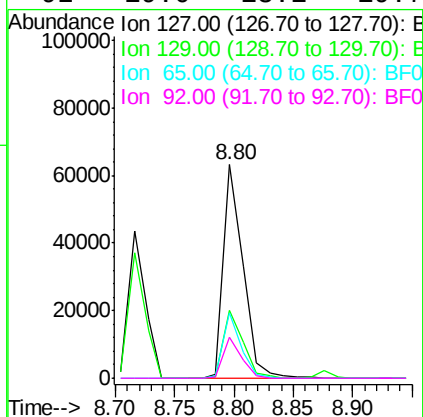
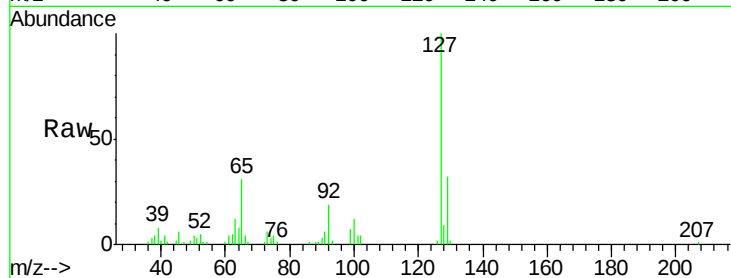
ClientSampleId :

PB82241BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	72361		
129	31.7	25.3	37.9	
65	30.6	17.6	26.4	
92	19.0	13.1	19.7	

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#34

Hexachlorobutadiene

Concen: 40.15 ng

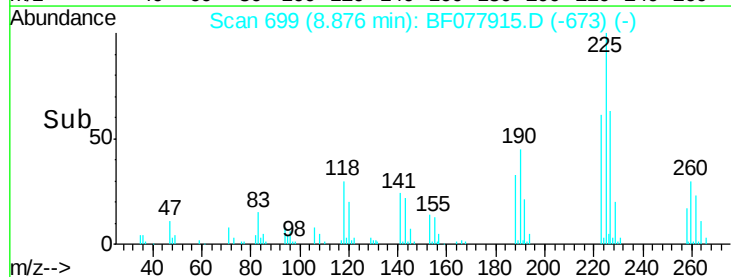
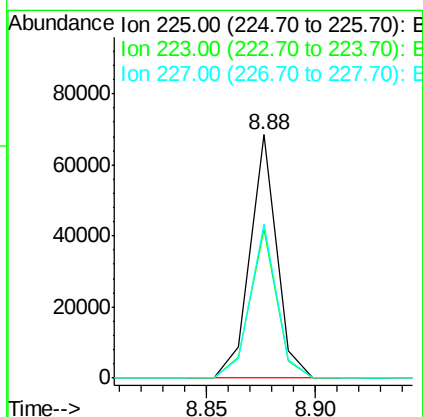
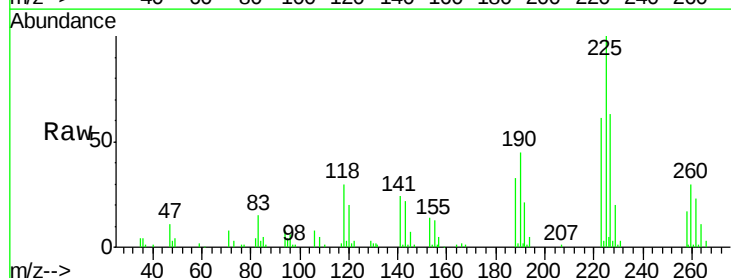
RT: 8.88 min Scan# 699

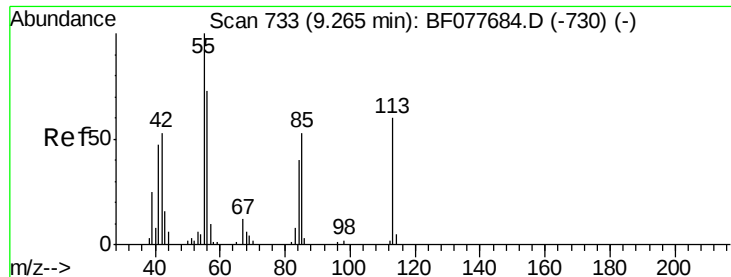
Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58327		
223	61.3	47.9	71.9	
227	63.0	50.1	75.1	





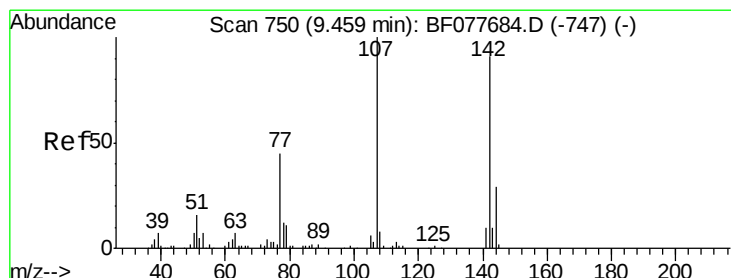
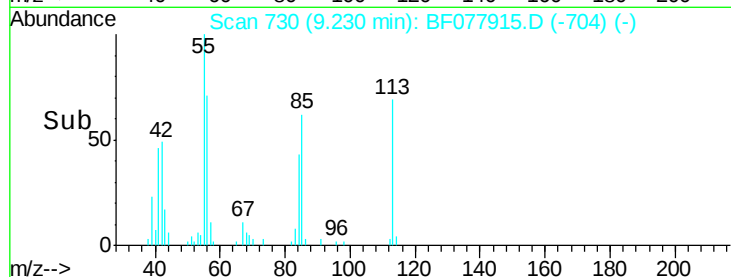
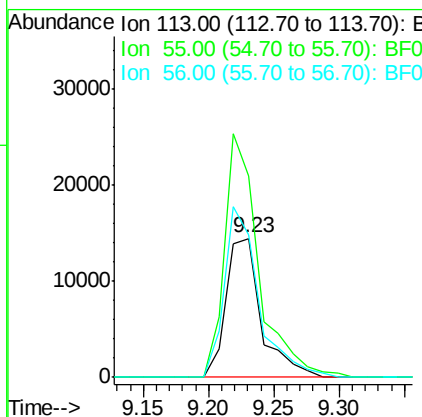
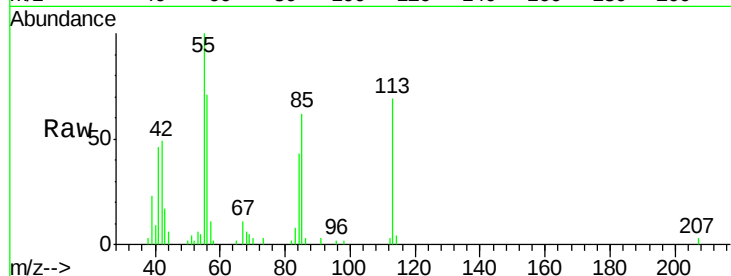
#35
 Caprolactam
 Concen: 40.49 ng
 RT: 9.23 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	144.4	145.9	185.9#
56	102.6	101.0	141.0

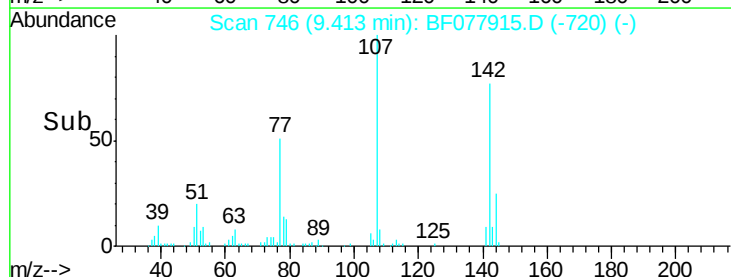
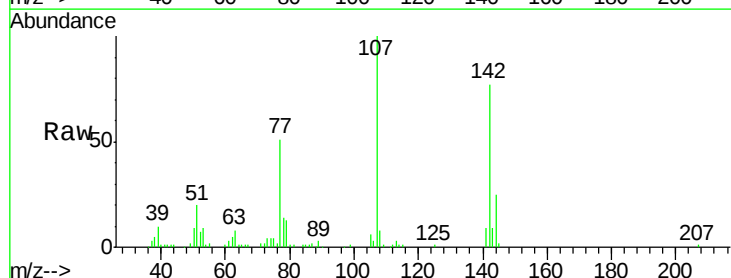
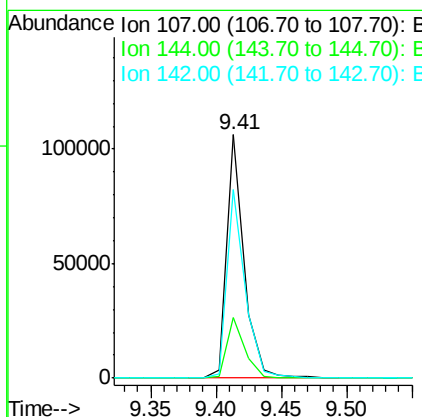
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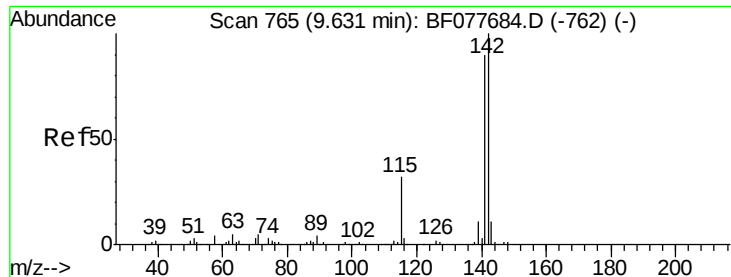
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#36
 4-Chloro-3-methylphenol
 Concen: 42.86 ng
 RT: 9.41 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	23.3	34.9
142	77.3	72.6	109.0





#37

2-Methylnaphthalene

Concen: 40.93 ng

RT: 9.57 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

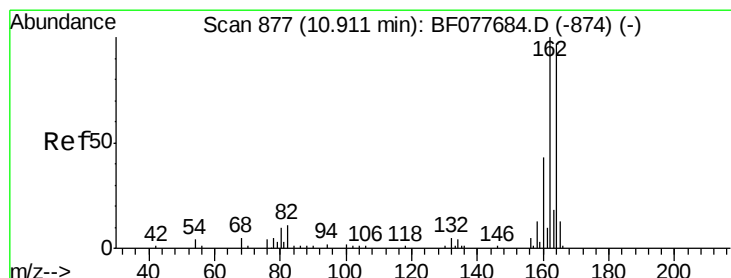
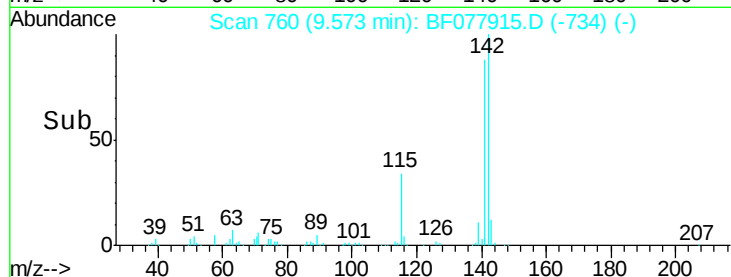
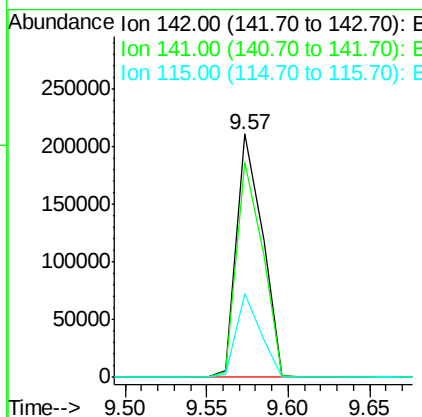
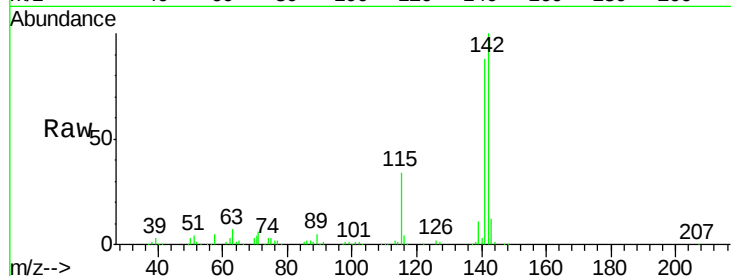
ClientSampleId :

PB82241BS

Tgt Ion:	142	Resp:	231544
Ion Ratio	Lower	Upper	
142	100		
141	88.3	71.9	107.9
115	34.5	25.4	38.0

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng

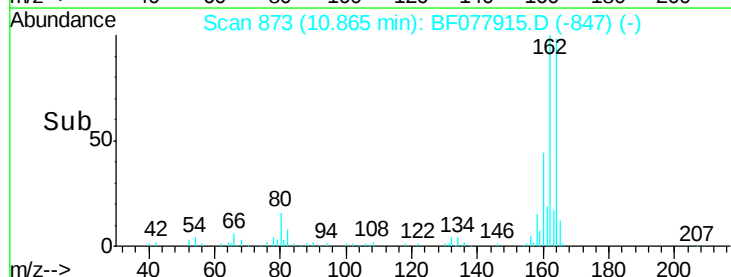
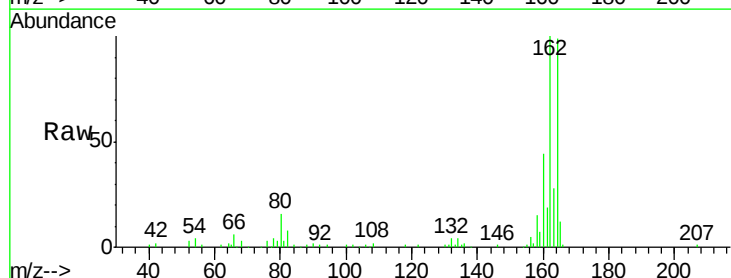
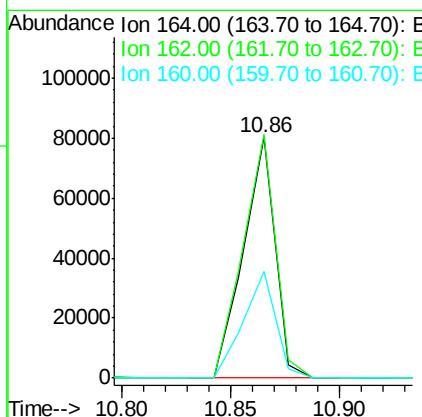
RT: 10.86 min Scan# 873

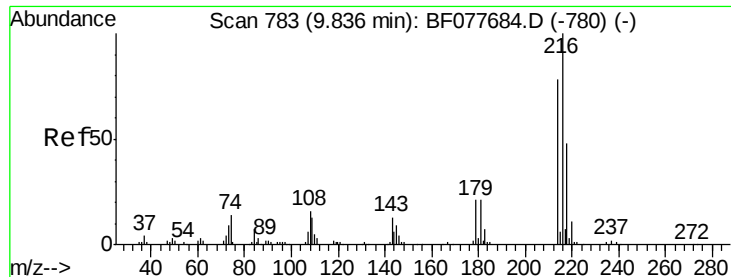
Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion:	164	Resp:	80973
Ion Ratio	Lower	Upper	
164	100		
162	101.2	82.4	123.6
160	44.5	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.85 ng

RT: 9.78 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF077915.D

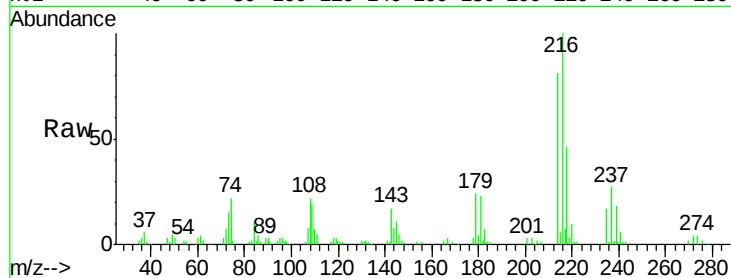
Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

ClientSampleId :

PB82241BS



Tgt Ion:216 Resp: 98658

Ion Ratio Lower Upper

216 100

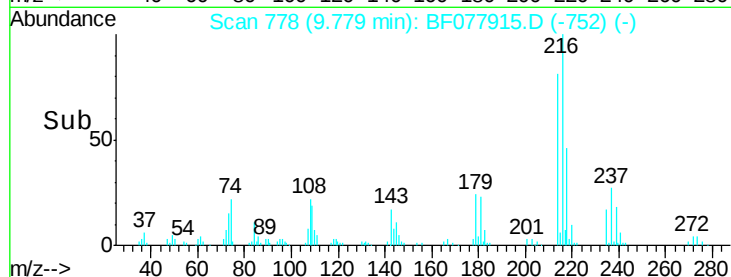
214 78.9 0.0 0.0#

179 21.8 0.0 0.0#

108 21.0 0.0 0.0#

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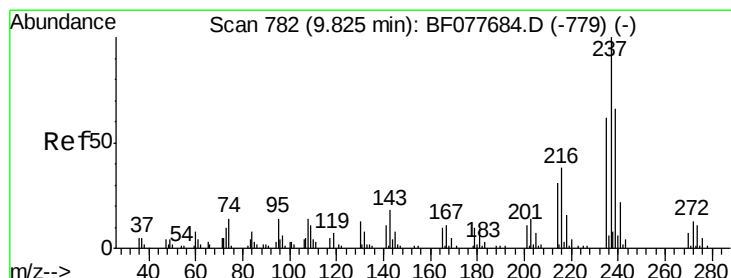
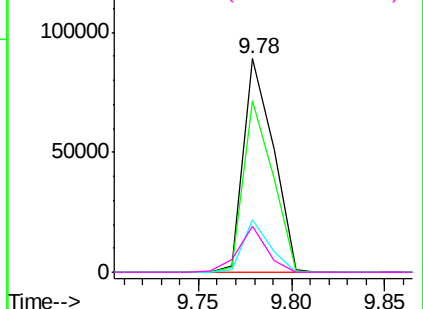


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.73 ng

RT: 9.77 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

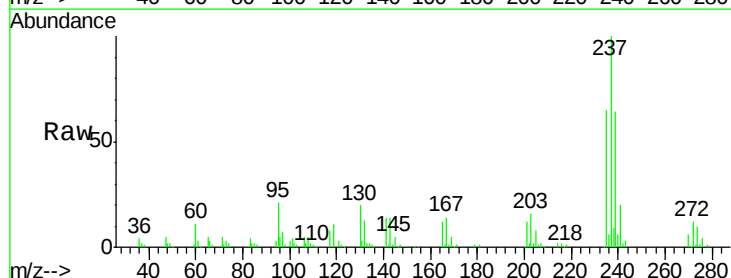
Tgt Ion:237 Resp: 98898

Ion Ratio Lower Upper

237 100

235 65.2 42.0 82.0

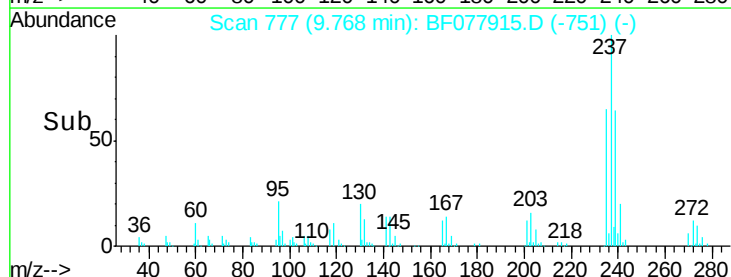
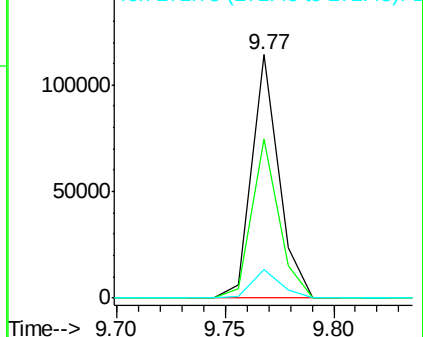
272 11.9 0.0 33.4

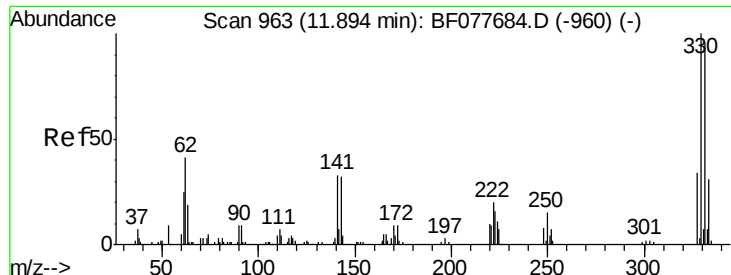


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





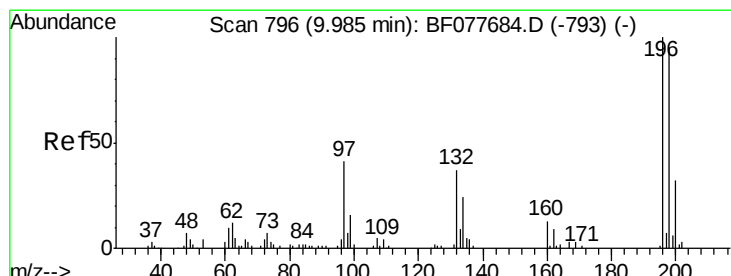
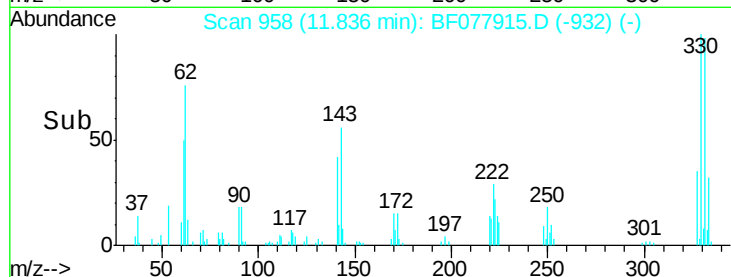
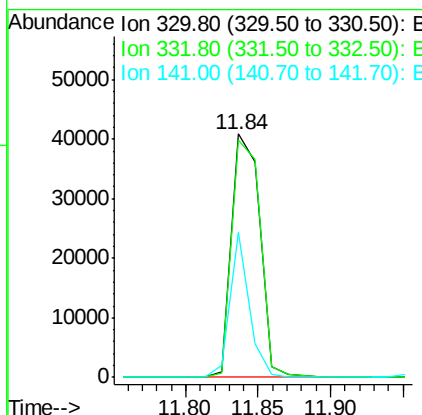
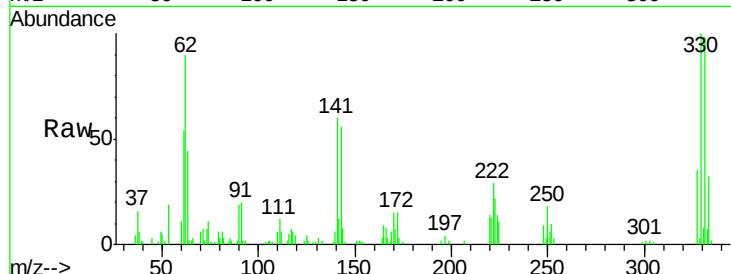
#41
 2,4,6-Tribromophenol
 Concen: 71.42 ng
 RT: 11.84 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	99.3	0.0	0.0#
141	40.4	0.0	0.0#

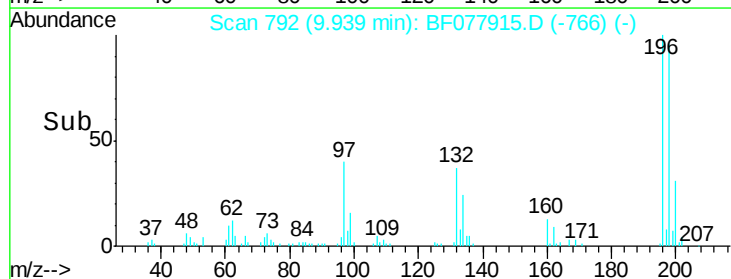
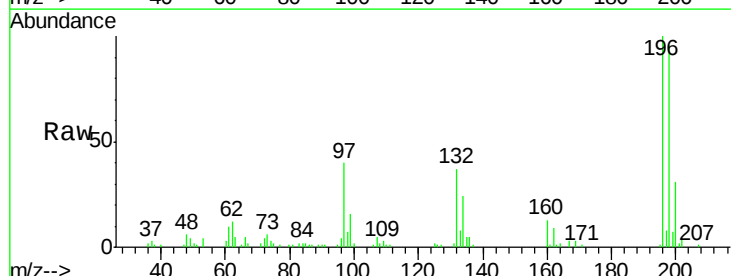
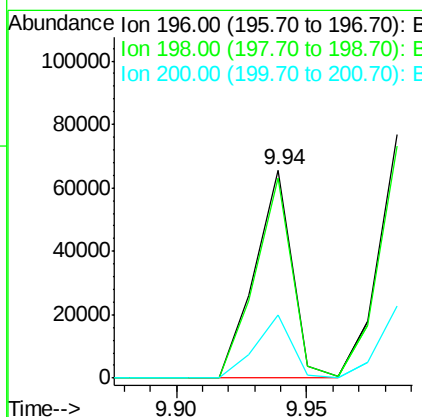
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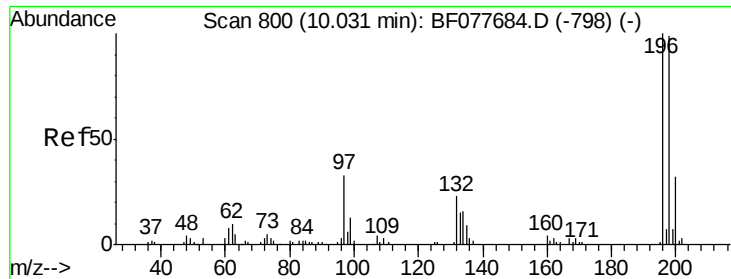
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 39.30 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	96.4	76.3	114.5
200	30.5	25.6	38.4





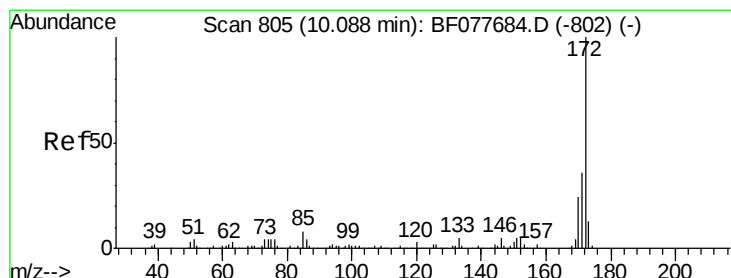
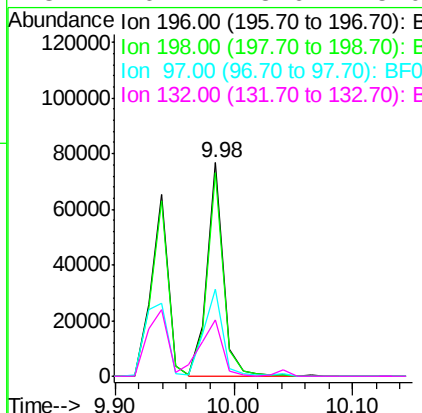
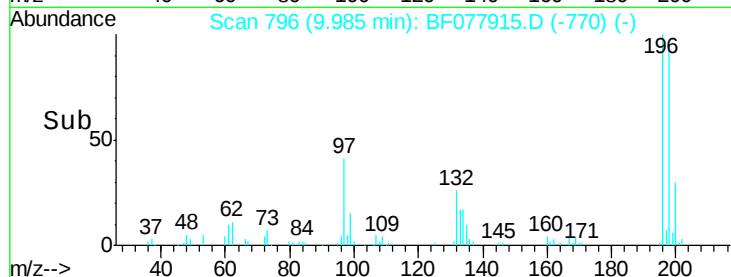
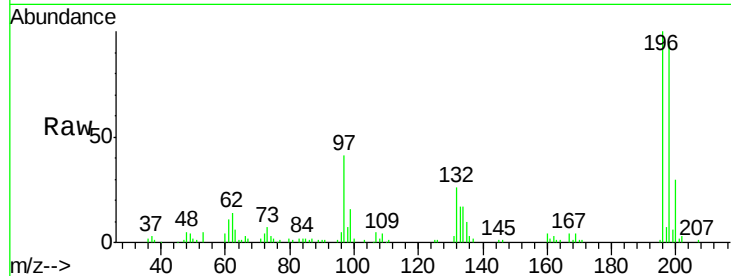
#43
 2,4,5-Trichlorophenol
 Concen: 41.11 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	74298		
198	95.5	79.4	119.0	
97	41.0	26.8	40.2#	
132	26.4	18.6	28.0	

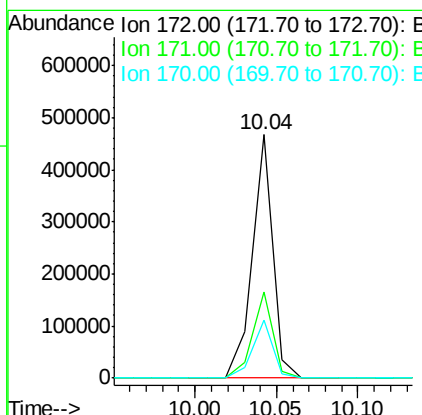
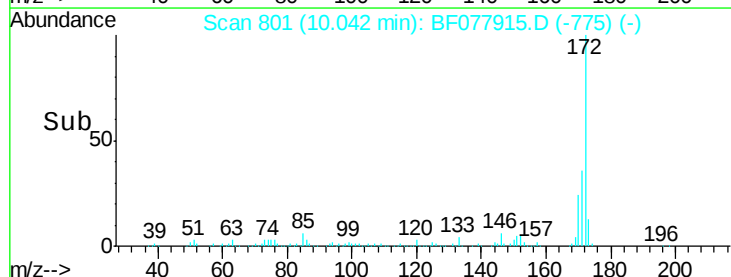
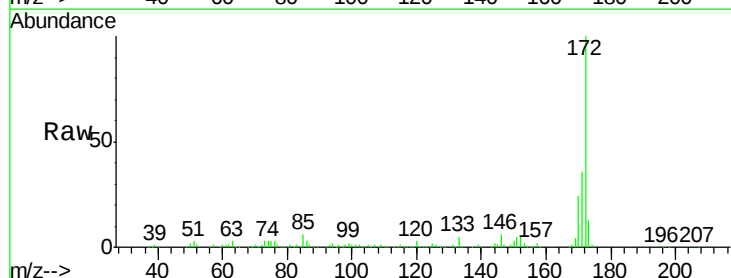
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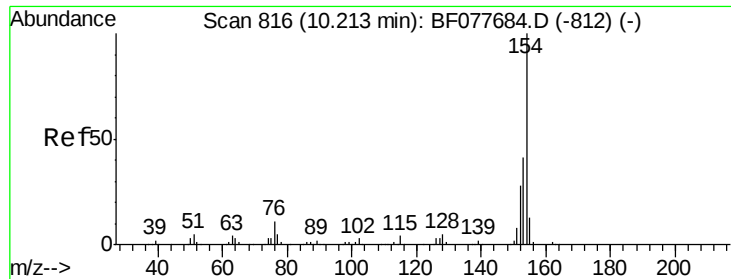
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 73.87 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	407023		
171	35.7	28.5	42.7	
170	23.7	18.8	28.2	





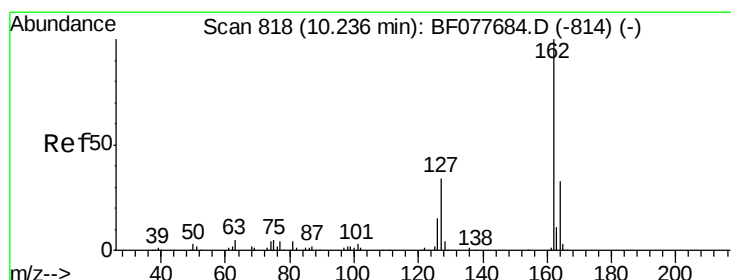
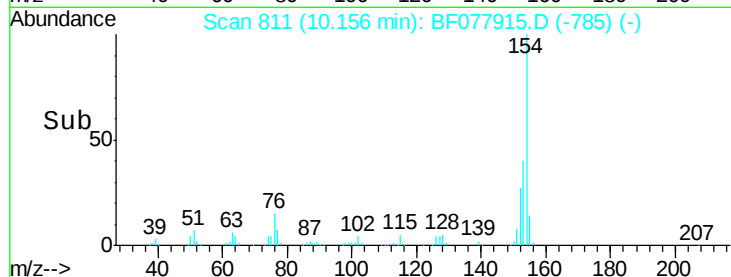
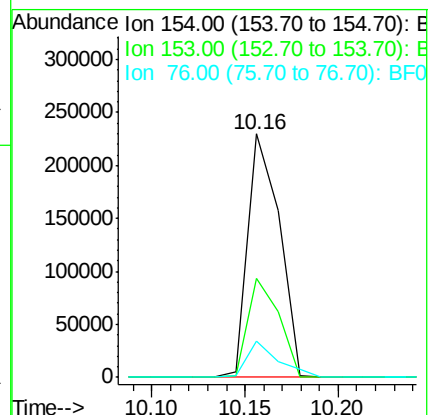
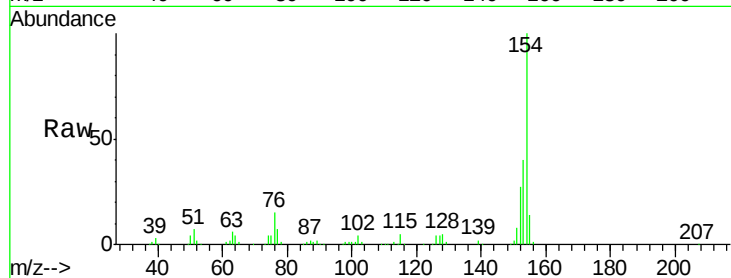
#45
 1,1'-Biphenyl
 Concen: 41.76 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	270296		
153	40.4	20.7	60.7	
76	15.1	0.0	30.9	

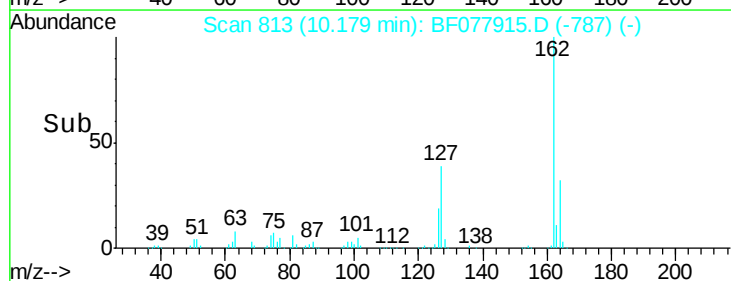
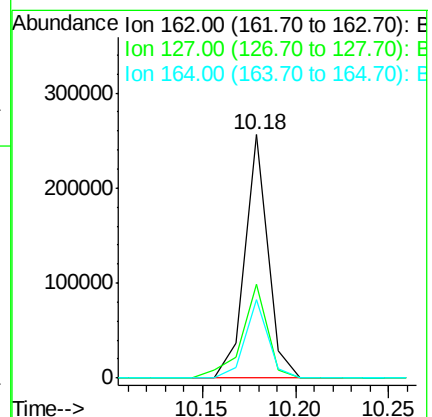
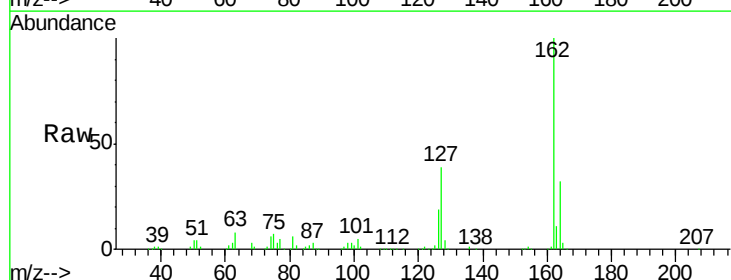
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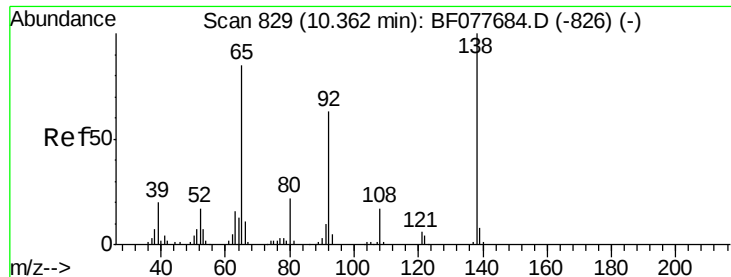
mohammad
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#46
 2-Chloronaphthalene
 Concen: 41.92 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	220538		
127	38.7	26.9	40.3	
164	32.3	26.8	40.2	





#47

2-Nitroaniline

Concen: 45.39 ng

RT: 10.32 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

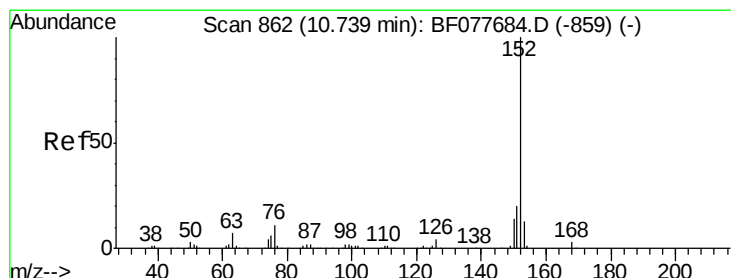
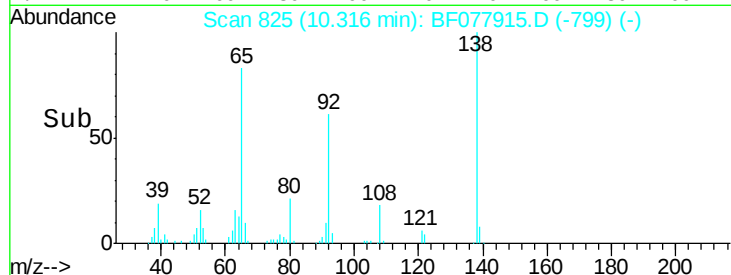
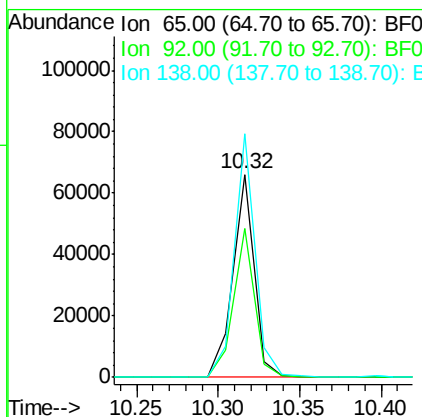
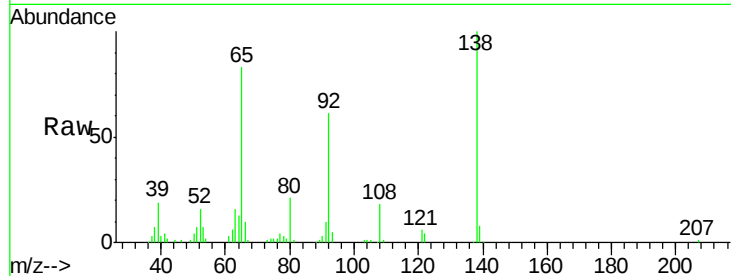
ClientSampleId :

PB82241BS

Tgt Ion:	65	Resp:	59305
Ion Ratio	Lower	Upper	
65	100		
92	73.3	59.1	88.7
138	120.1	93.9	140.9

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#48

Acenaphthylene

Concen: 38.20 ng

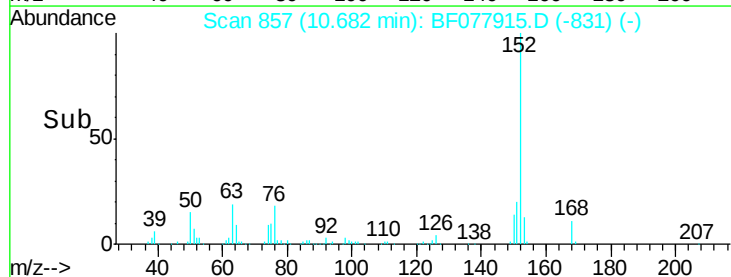
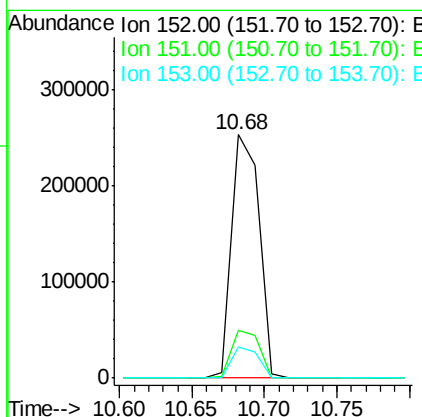
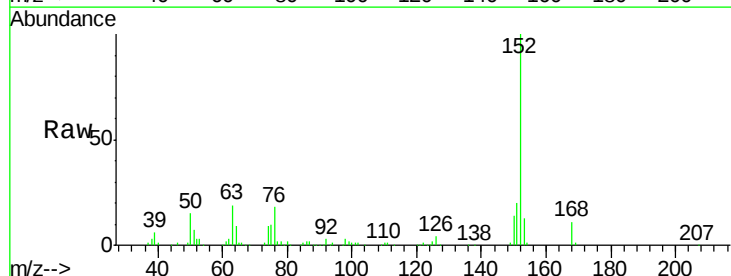
RT: 10.68 min Scan# 857

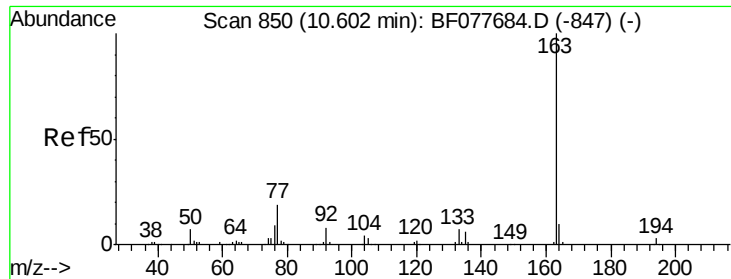
Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion:	152	Resp:	334190
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.9	23.9
153	12.9	10.6	16.0





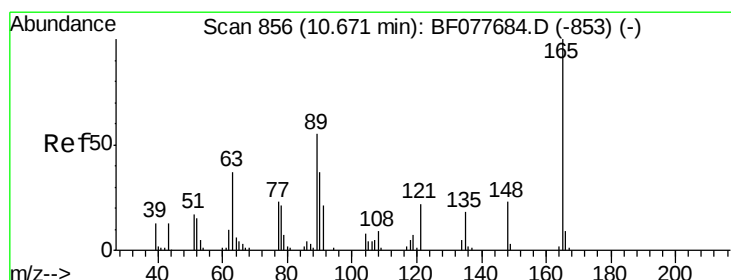
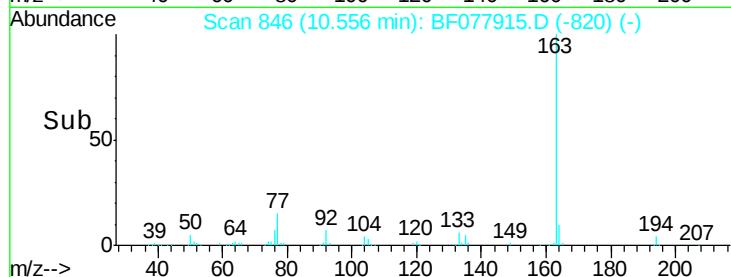
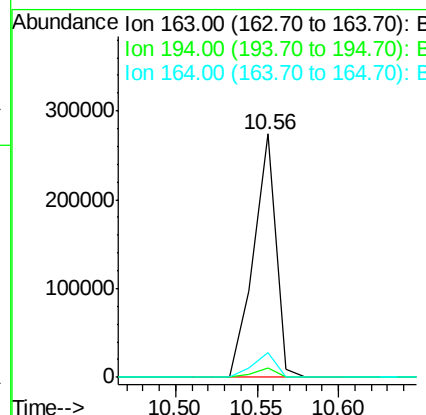
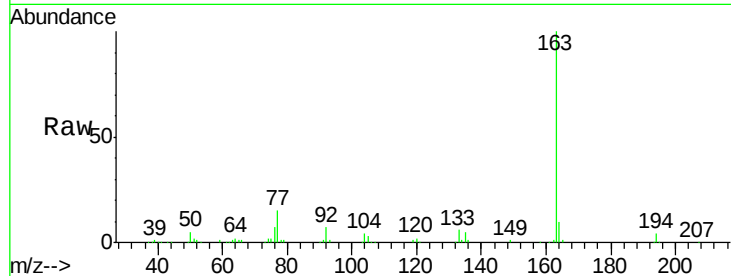
#49
Dimethylphthalate
Concen: 43.47 ng
RT: 10.56 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB82241BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2

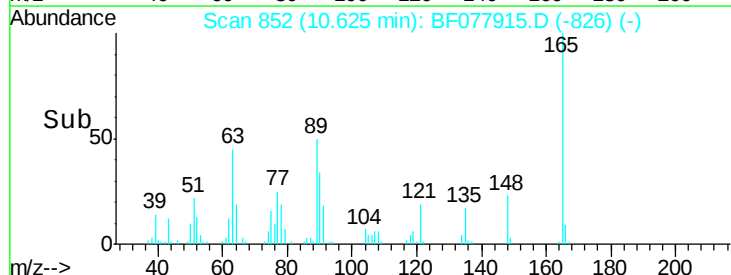
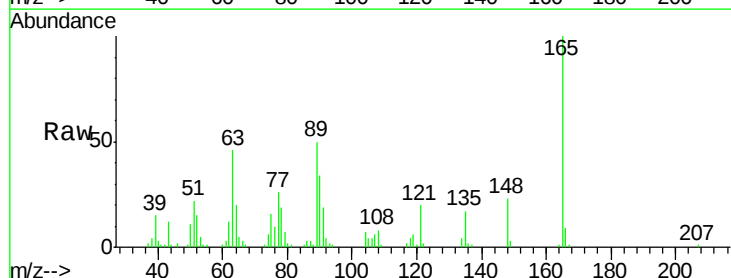
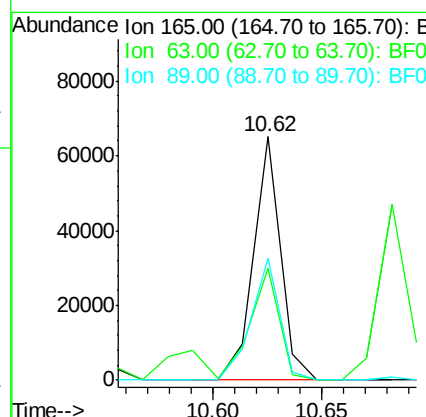
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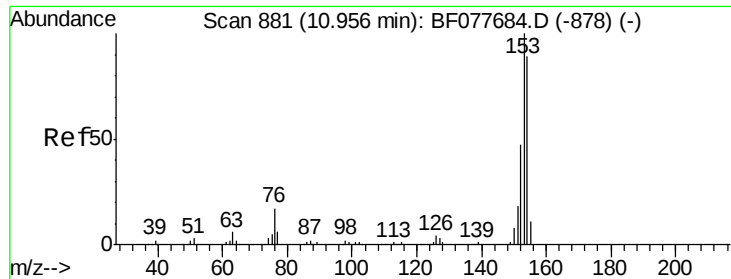
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#50
2,6-Dinitrotoluene
Concen: 45.15 ng
RT: 10.62 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	46.1	44.1	66.1
89	50.2	44.3	66.5





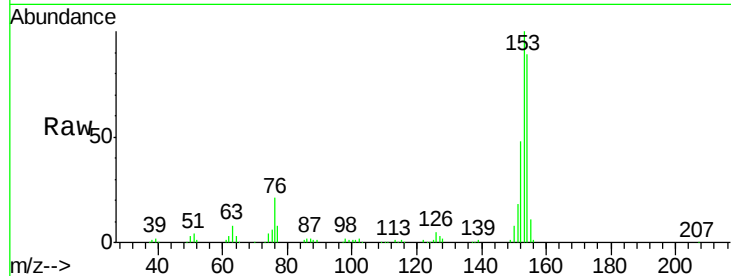
#51
Acenaphthene
Concen: 38.60 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB82241BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	193621		
153	112.4	90.0	135.0	
152	53.7	42.6	63.8	

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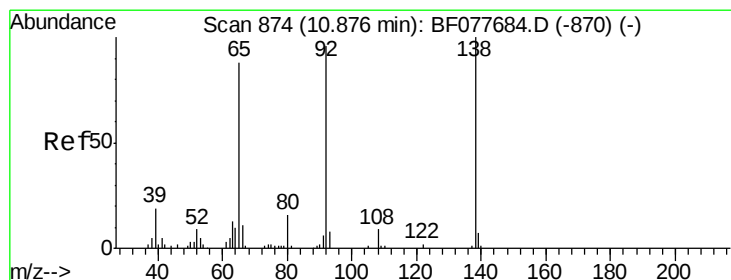
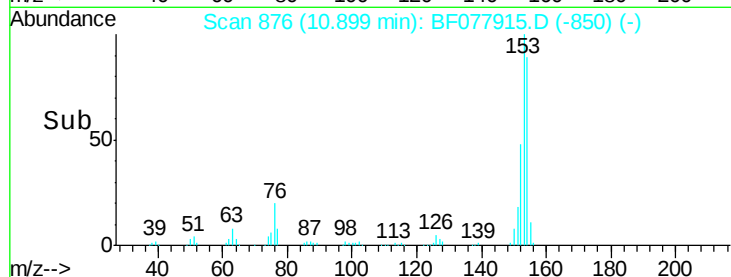
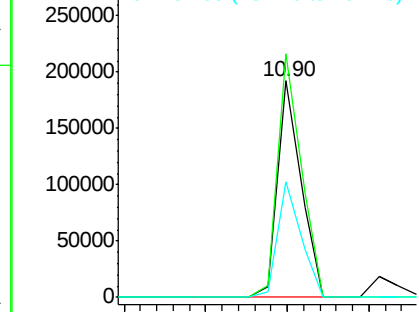


Abundance

Ion 154.00 (153.70 to 154.70): E

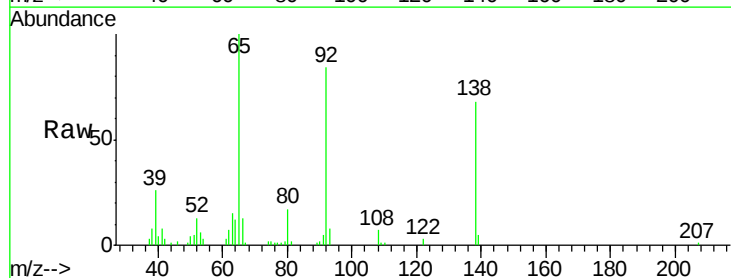
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 28.77 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	41588		
108	11.0	7.3	10.9#	
92	123.9	76.6	114.8#	

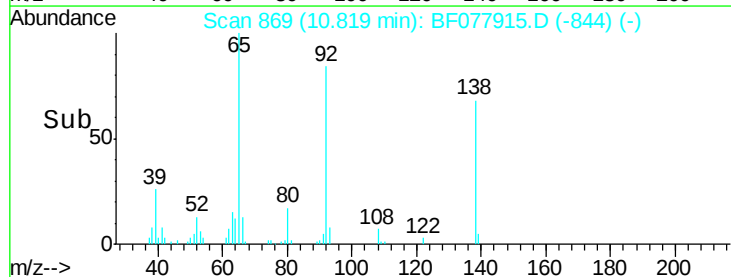
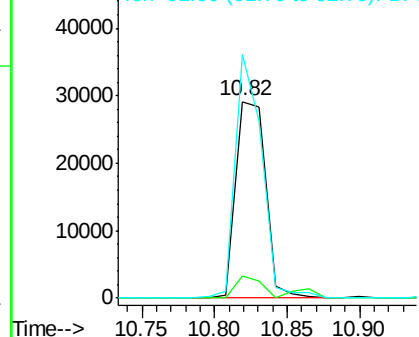


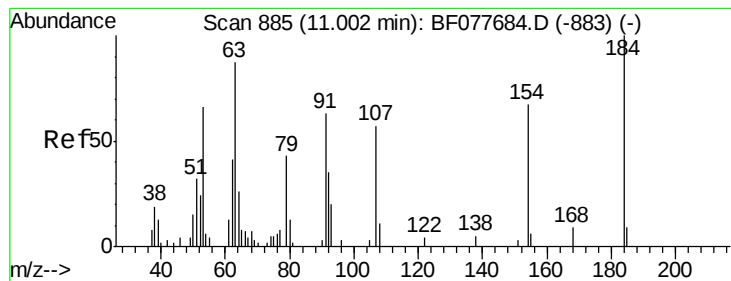
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 77.25 ng

RT: 10.96 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

ClientSampleID :

PB82241BS

Tgt Ion:184 Resp: 35191

Ion Ratio Lower Upper

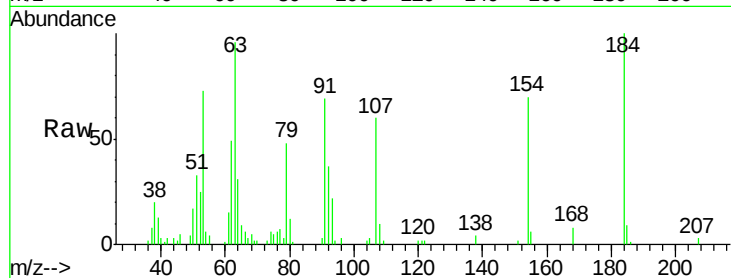
184 100

63 95.9 69.2 103.8

154 70.0 53.3 79.9

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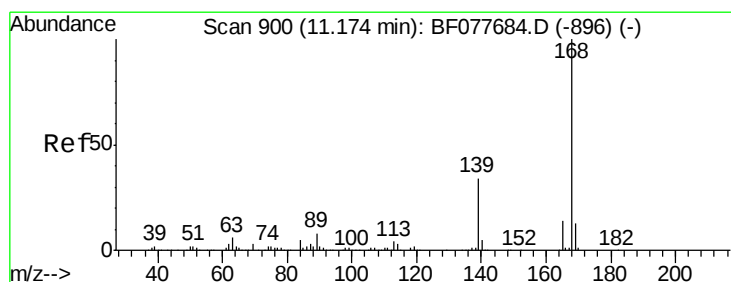
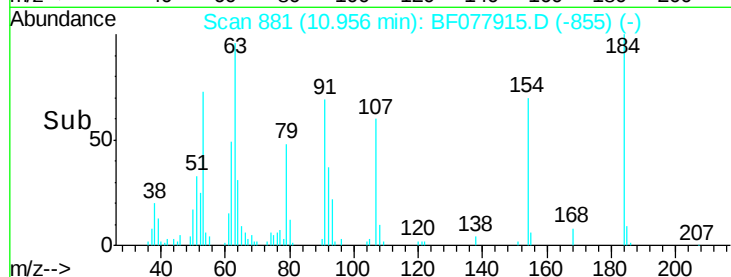
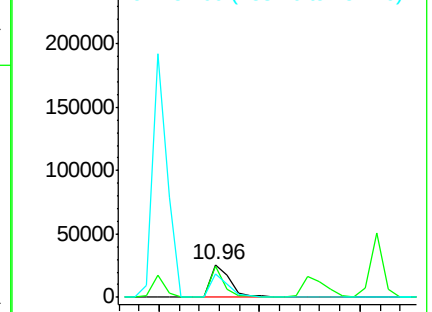
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.67 ng

RT: 11.12 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

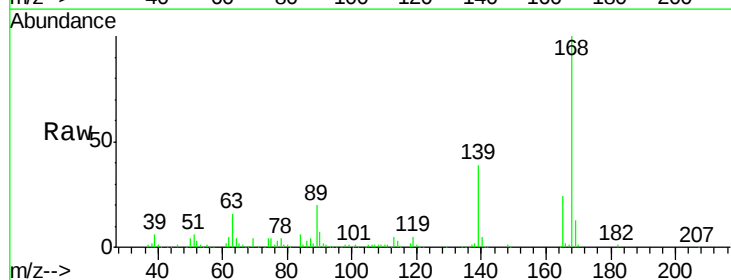
Tgt Ion:168 Resp: 302523

Ion Ratio Lower Upper

168 100

139 38.6 27.3 40.9

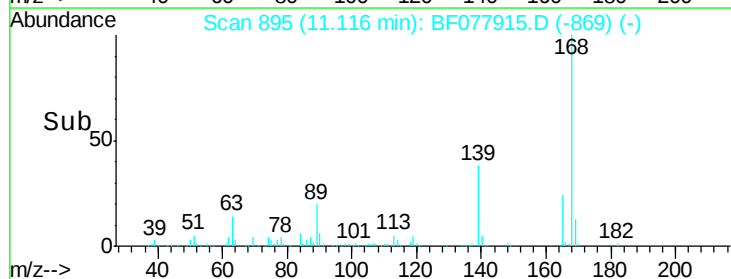
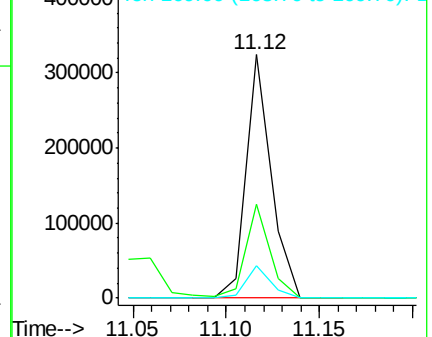
169 13.4 10.6 16.0

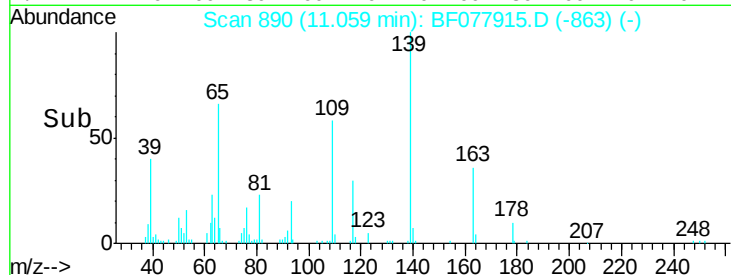
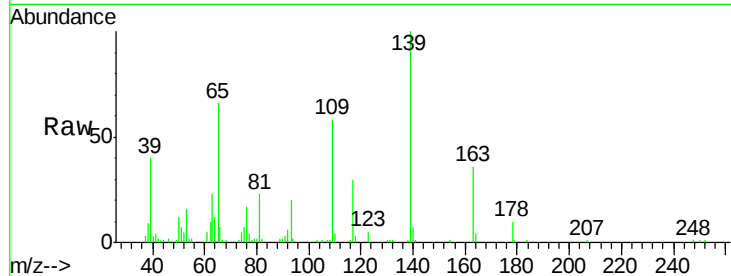
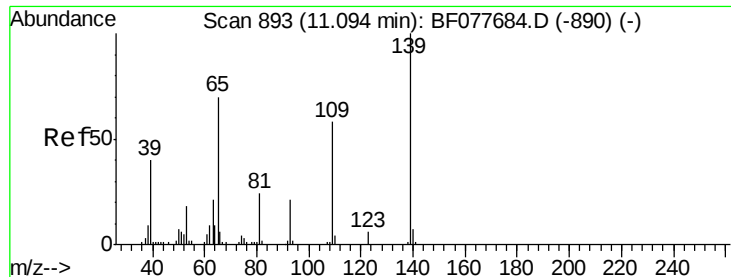


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





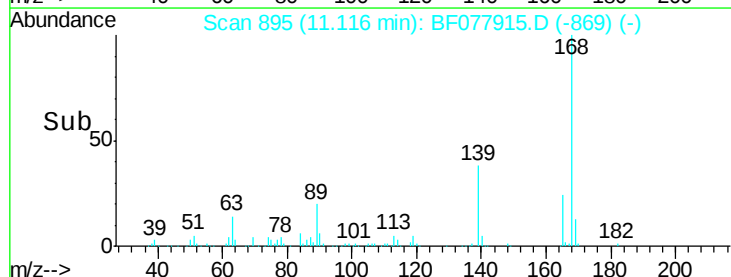
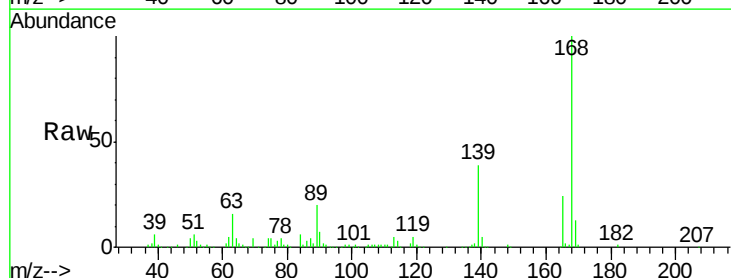
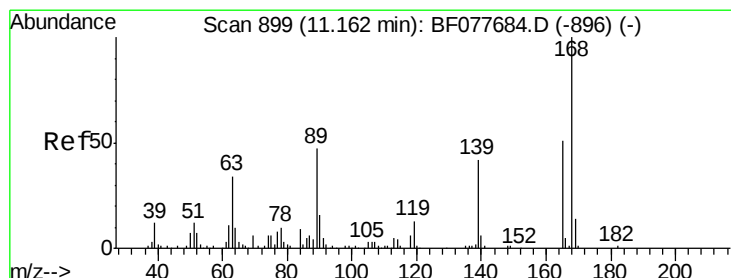
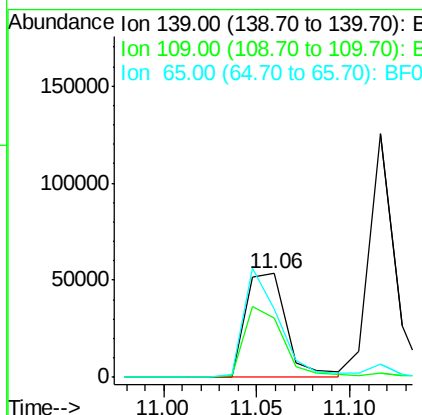
#55
4-Nitrophenol
Concen: 76.63 ng
RT: 11.06 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampled :
PB82241BS

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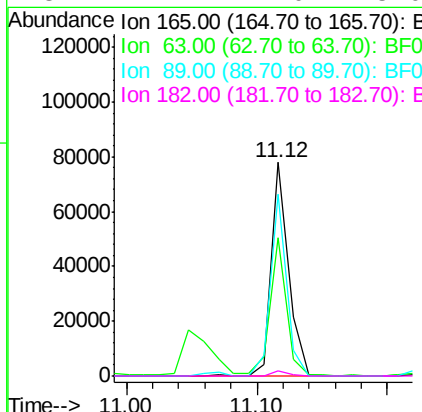
mohammad
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	82072		
109	57.6	37.7	77.7	
65	66.2	49.9	89.9	



#56
2,4-Dinitrotoluene
Concen: 44.17 ng
RT: 11.12 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	71696		
63	64.7	52.4	78.6	
89	84.9	72.4	108.6	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 40.14 ng

RT: 11.54 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

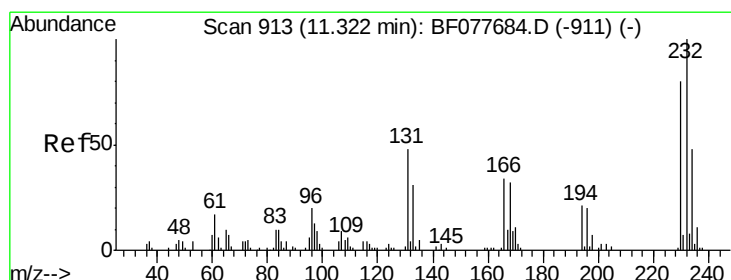
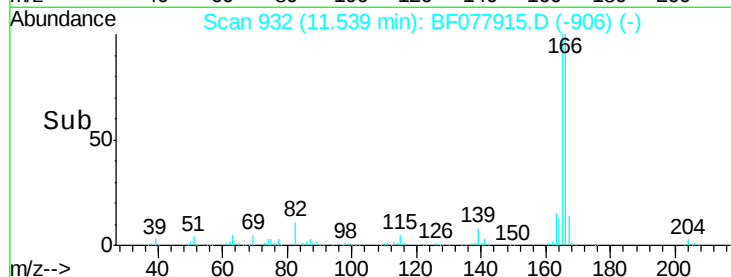
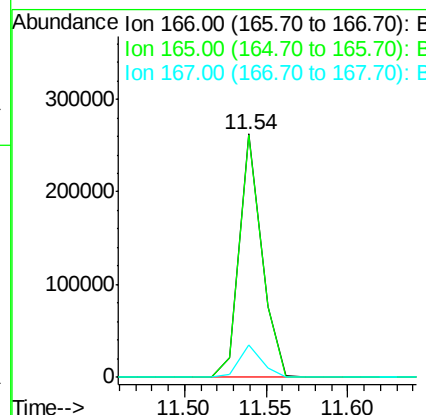
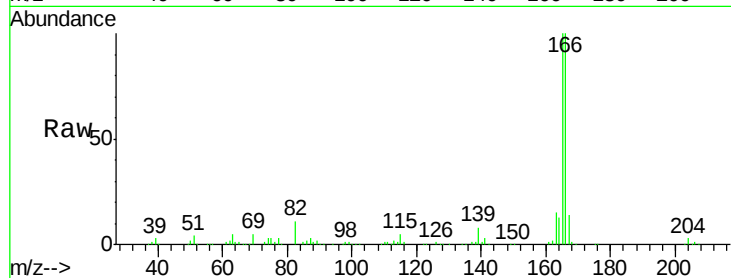
ClientSampleId :

PB82241BS

Tgt Ion:	166	Resp:	247938
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.0	118.4
167	13.5	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.53 ng

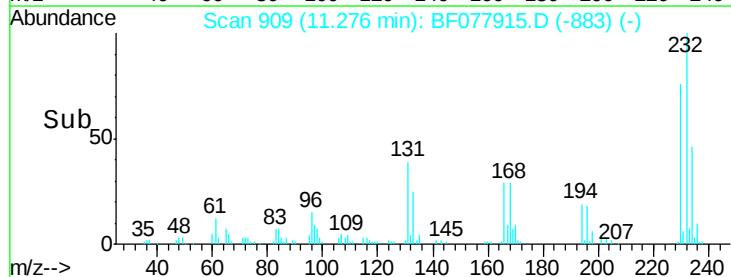
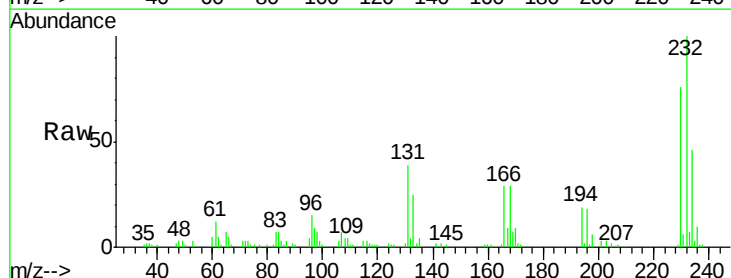
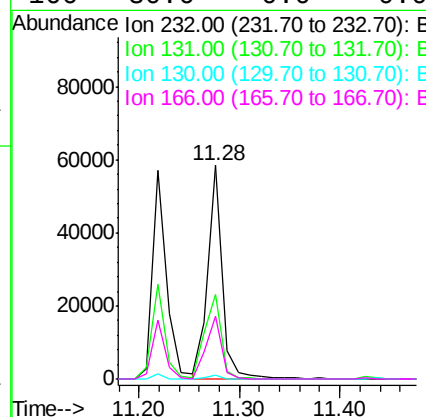
RT: 11.28 min Scan# 909

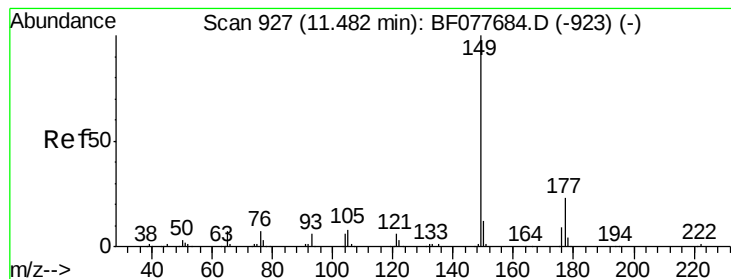
Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion:	232	Resp:	59191
Ion Ratio	Lower	Upper	
232	100		
131	44.6	0.0	0.0#
130	1.8	0.0	0.0#
166	30.6	0.0	0.0#





#59

Diethylphthalate

Concen: 42.10 ng

RT: 11.42 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

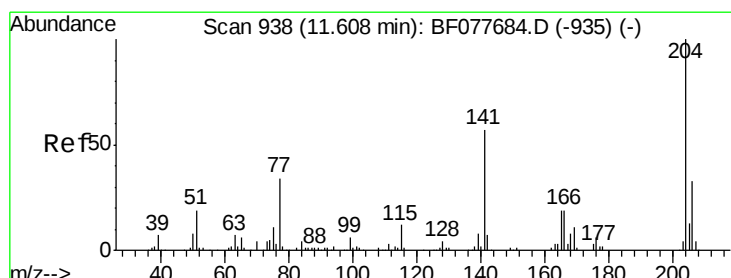
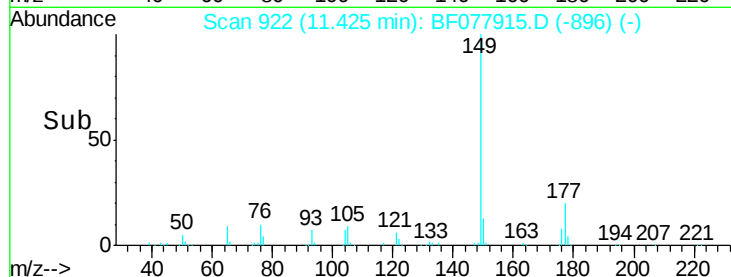
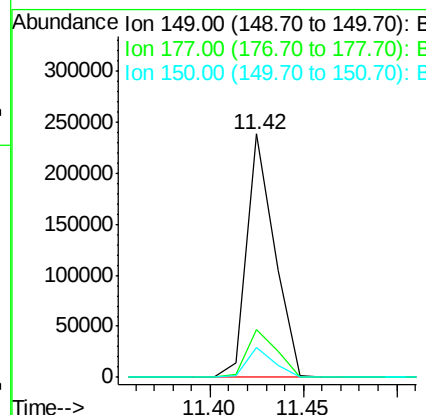
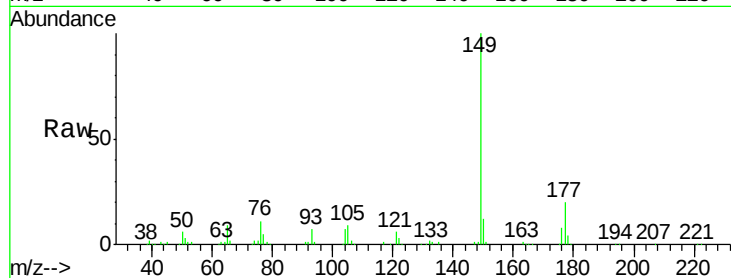
ClientSampleId :

PB82241BS

Tgt Ion:	149	Resp:	246350
Ion Ratio	Lower	Upper	
149	100		
177	19.8	18.3	27.5
150	12.5	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 40.85 ng

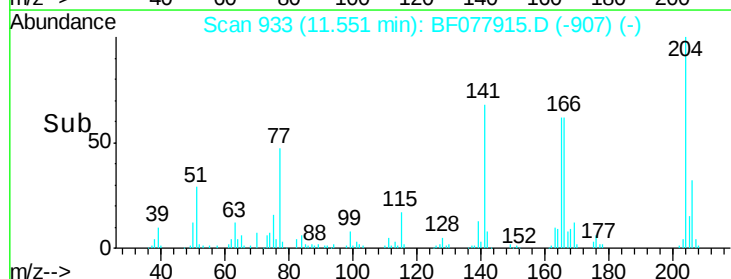
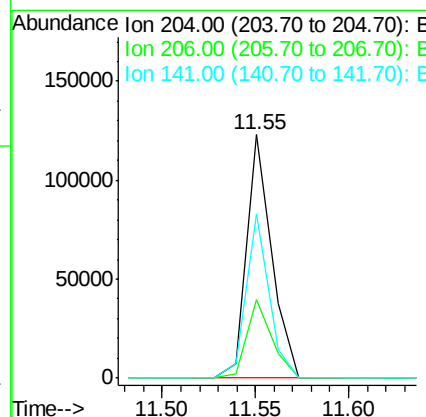
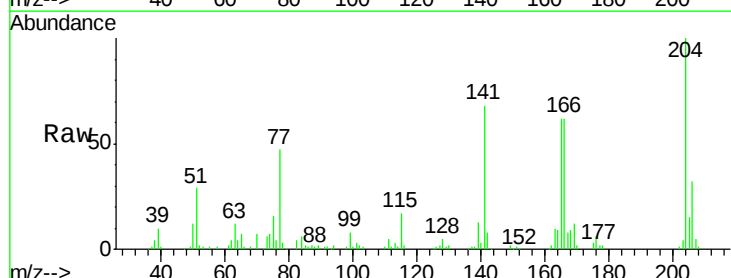
RT: 11.55 min Scan# 933

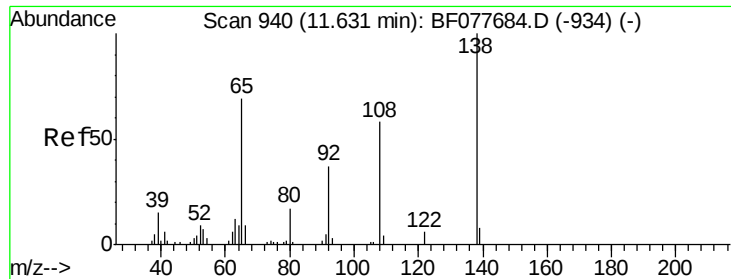
Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion:	204	Resp:	115139
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.6	39.8
141	67.7	45.2	67.8





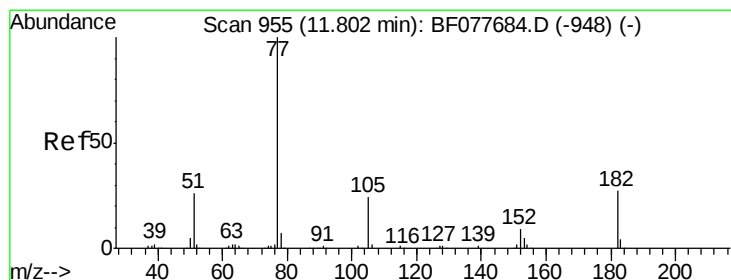
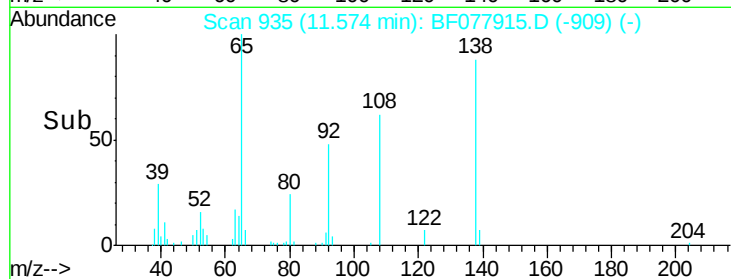
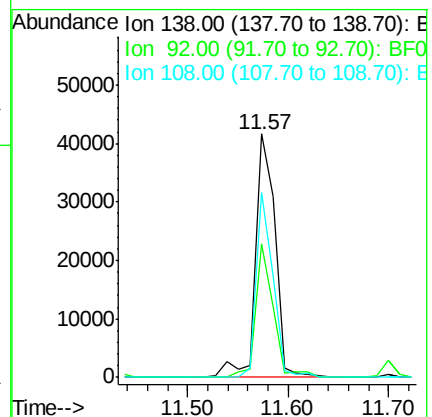
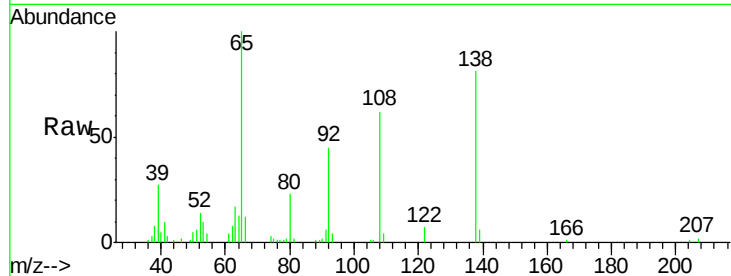
#61
4-Nitroaniline
Concen: 39.12 ng
RT: 11.57 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampleID :
PB82241BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	16.7	56.7
108	76.0	37.6	77.6

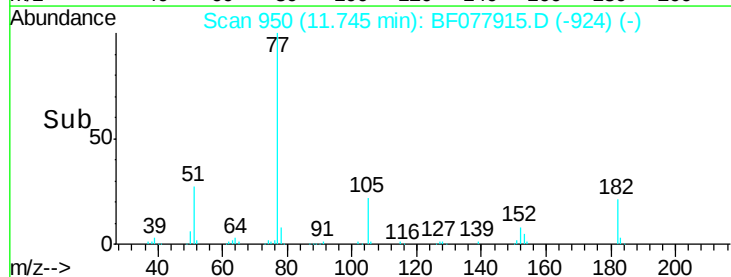
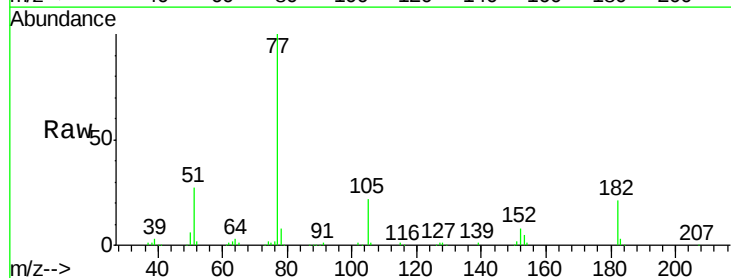
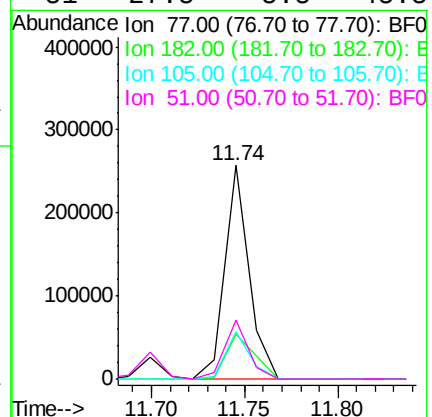
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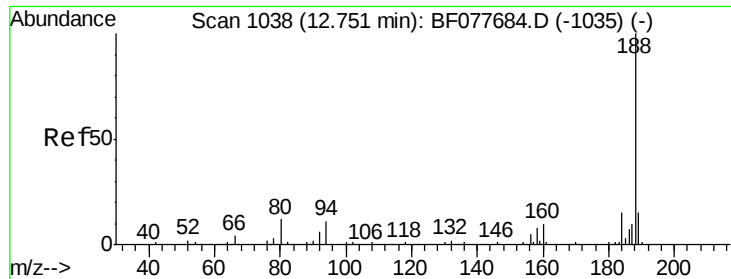
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#62
Azobenzene
Concen: 41.61 ng
RT: 11.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.2	6.5	46.5
105	22.0	3.8	43.8
51	27.5	5.5	45.5





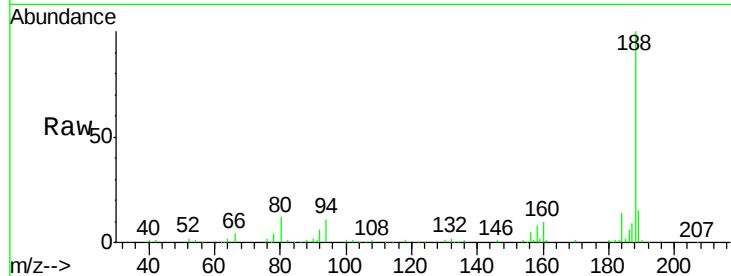
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	152973		
94	11.0	8.7	13.1	
80	12.3	9.3	13.9	

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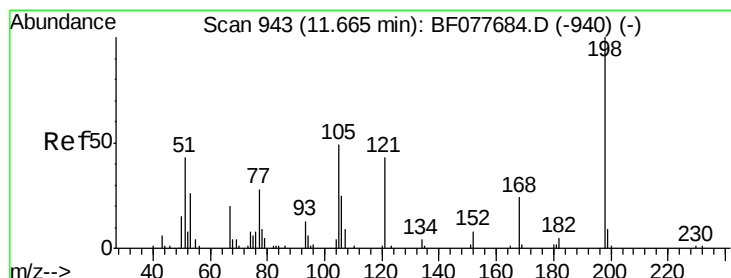
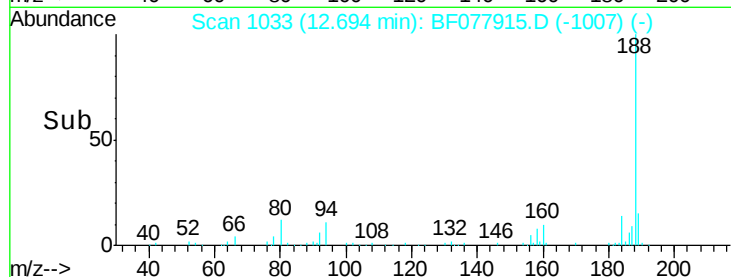
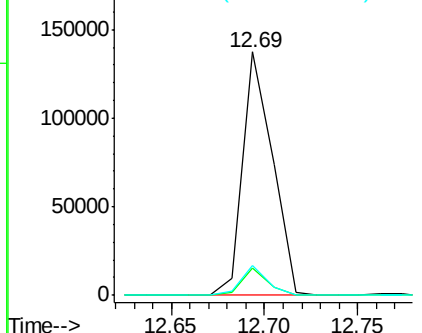
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Abundance Ion 188.00 (187.70 to 188.70): E

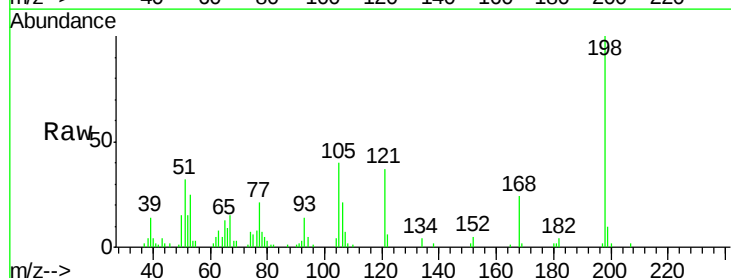
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.97 ng
 RT: 11.62 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

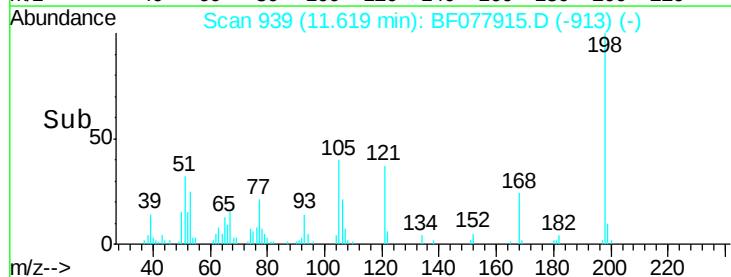
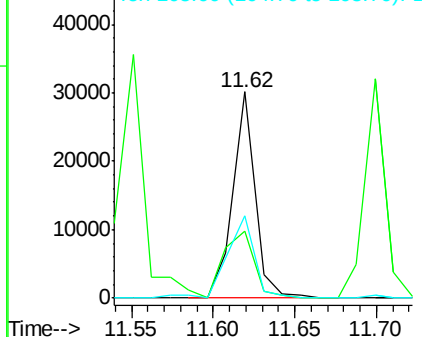
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	28295		
51	32.4	28.8	68.8	
105	39.8	30.5	70.5	

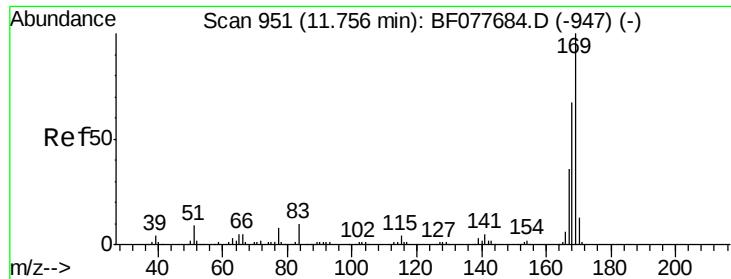


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.91 ng

RT: 11.70 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

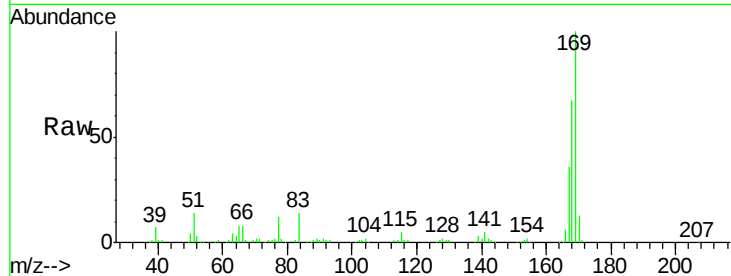
ClientSampleId :

PB82241BS

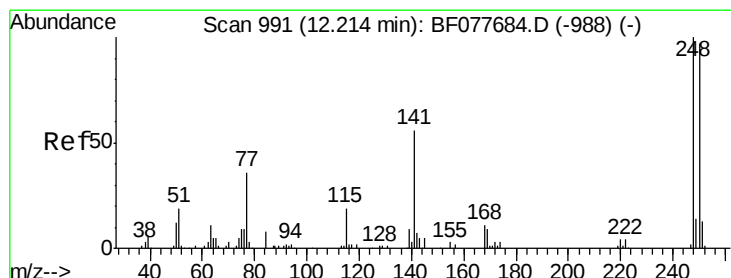
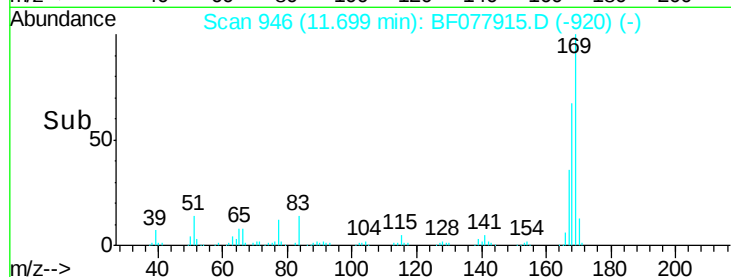
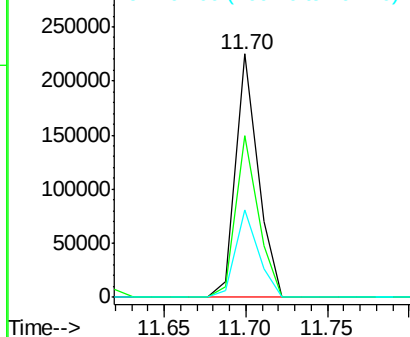
Tgt Ion:	169	Resp:	213499
Ion Ratio	Lower	Upper	
169	100		
168	66.6	53.9	80.9
167	36.1	28.9	43.3

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



#66

4-Bromophenyl-phenylether

Concen: 41.96 ng

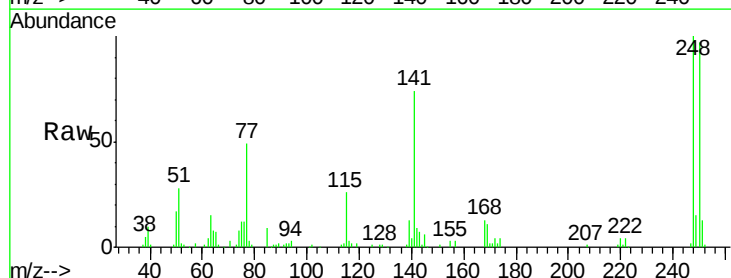
RT: 12.16 min Scan# 986

Delta R.T. -0.00 min

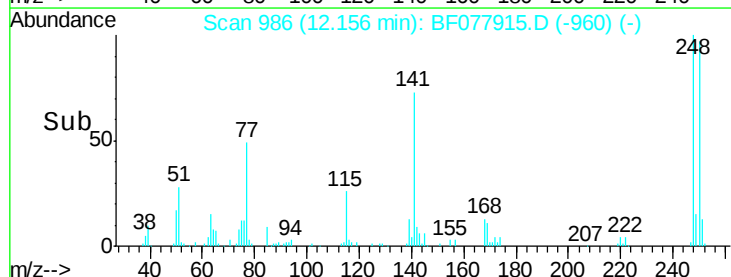
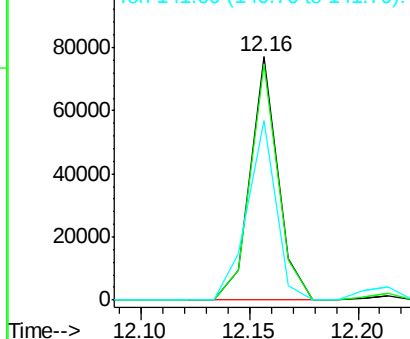
Lab File: BF077915.D

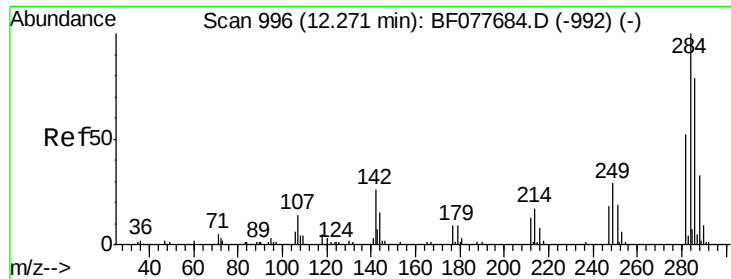
Acq: 24 Mar 2015 16:58

Tgt Ion:	248	Resp:	68504
Ion Ratio	Lower	Upper	
248	100		
250	97.1	77.4	116.0
141	73.5	45.2	67.8#



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





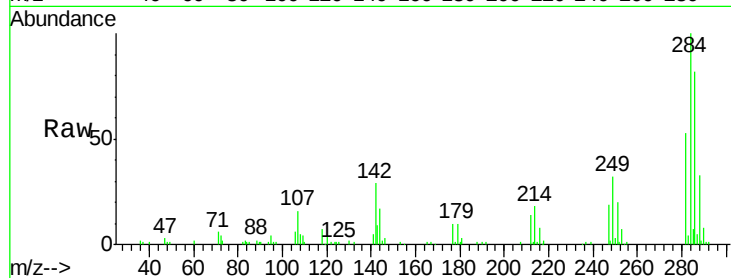
#67
Hexachlorobenzene
Concen: 41.35 ng
RT: 12.21 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB82241BS

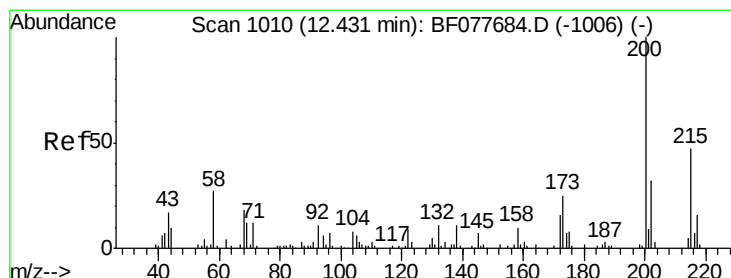
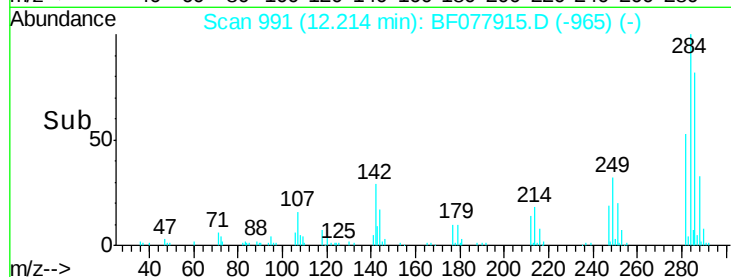
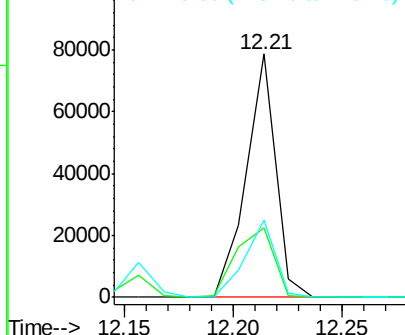
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	74165		
142	28.7	20.4	30.6	
249	31.9	23.8	35.6	

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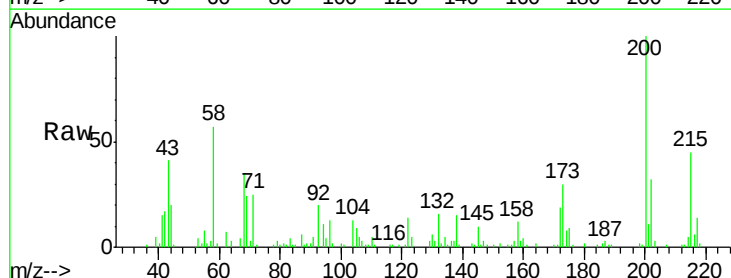


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

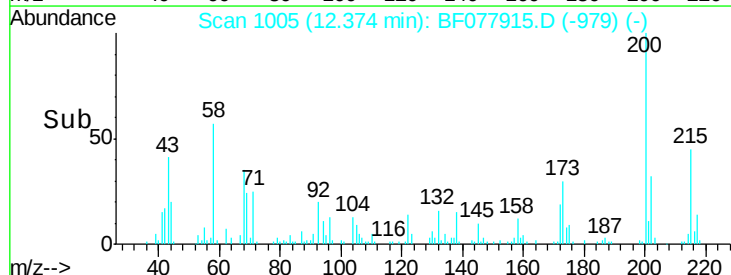
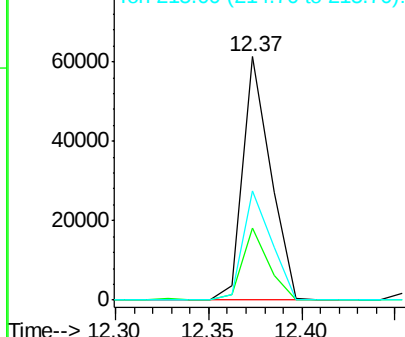


#68
Atrazine
Concen: 44.44 ng
RT: 12.37 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	63442		
173	29.5	4.8	44.8	
215	44.9	26.9	66.9	



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





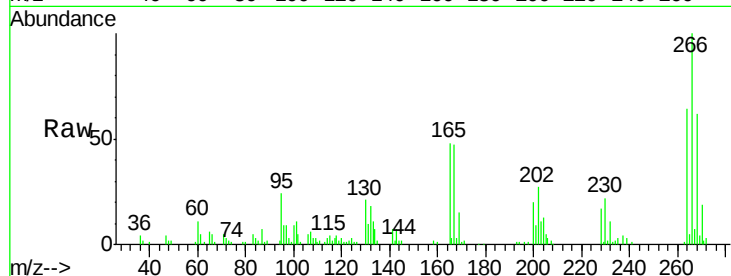
#69
 Pentachlorophenol
 Concen: 76.26 ng
 RT: 12.47 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BS

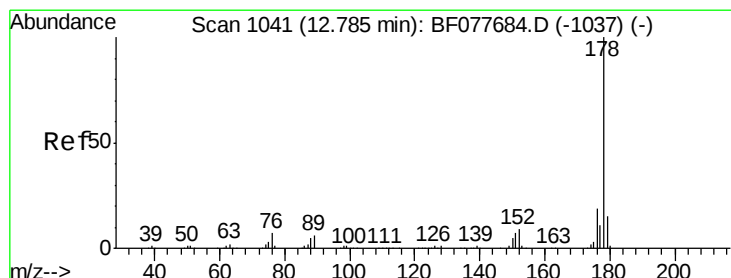
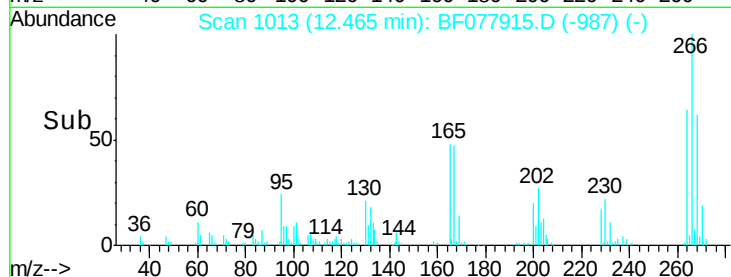
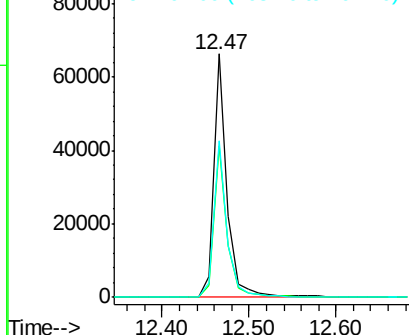
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	52.0	78.0
264	64.2	49.0	73.4

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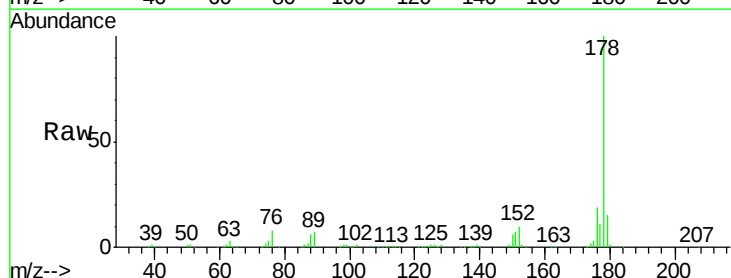


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

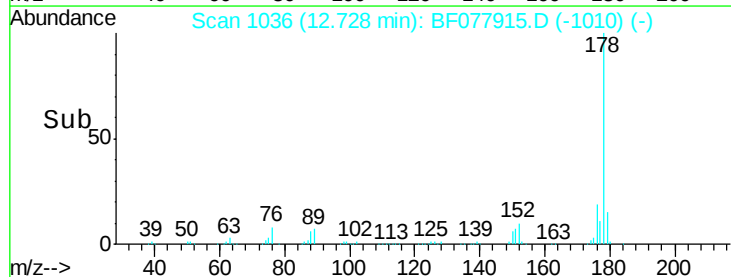
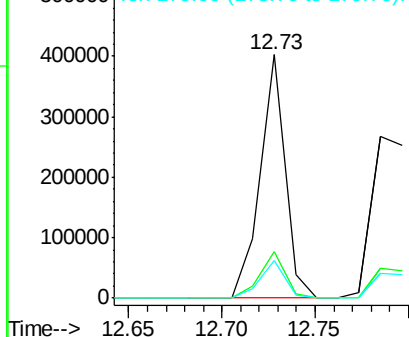


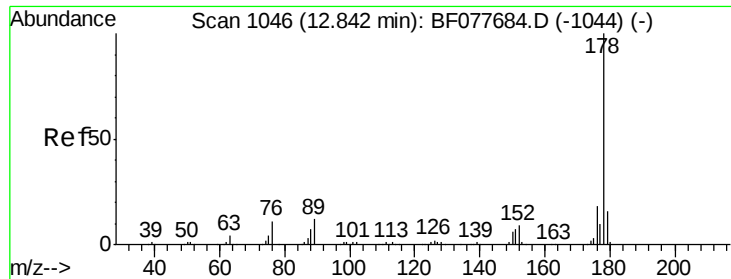
#70
 Phenanthrene
 Concen: 42.48 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.5	12.1	18.1



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





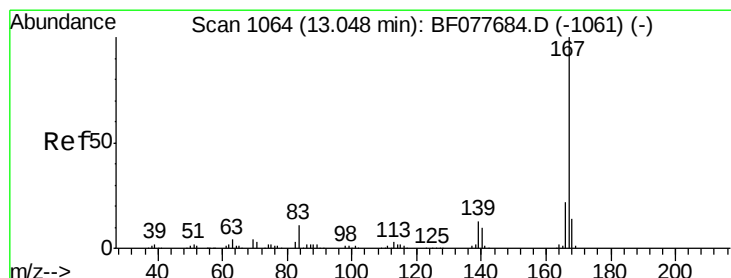
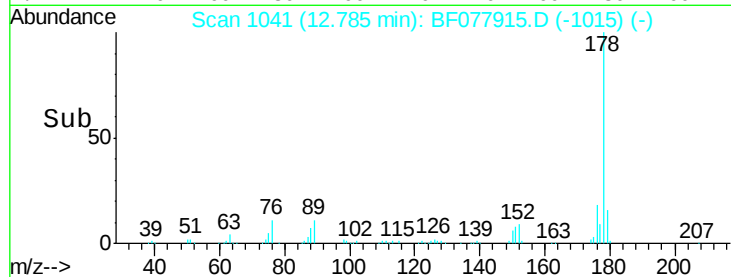
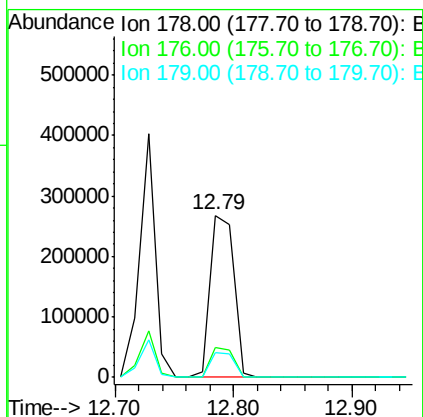
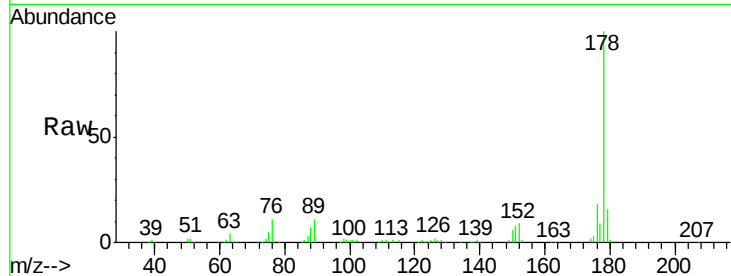
#71
 Anthracene
 Concen: 42.72 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.6	12.6	19.0

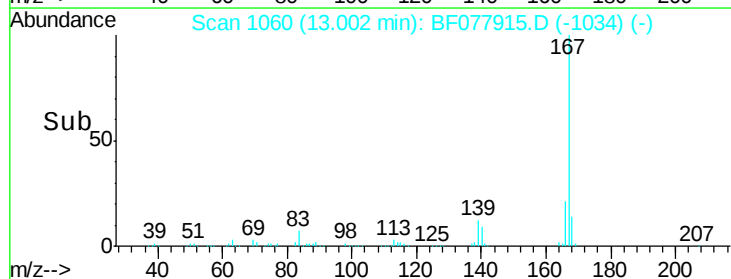
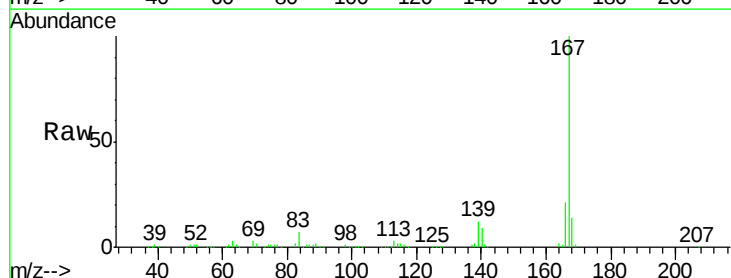
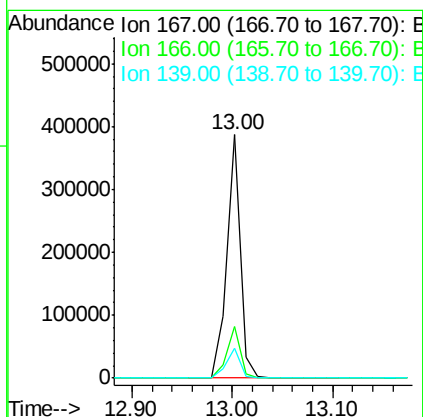
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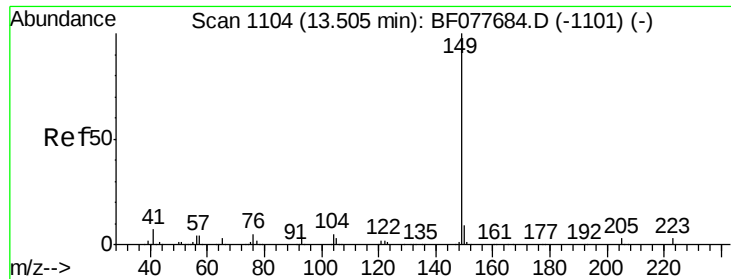
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#72
 Carbazole
 Concen: 43.85 ng
 RT: 13.00 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.1	10.8	16.2





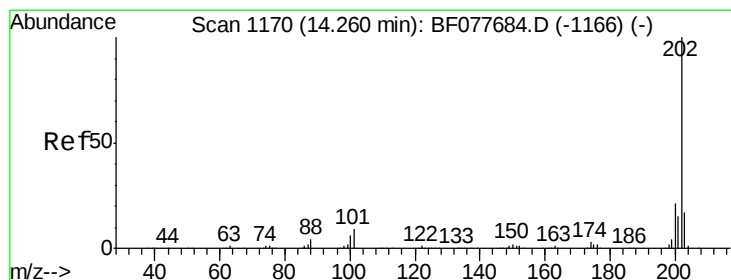
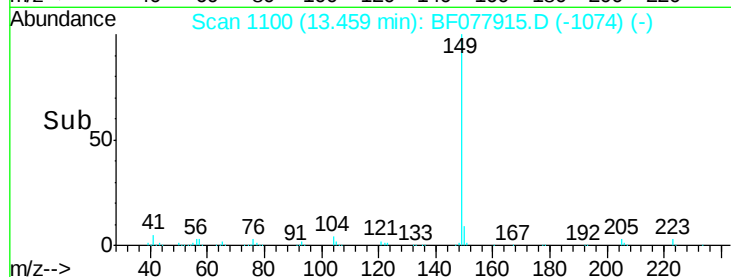
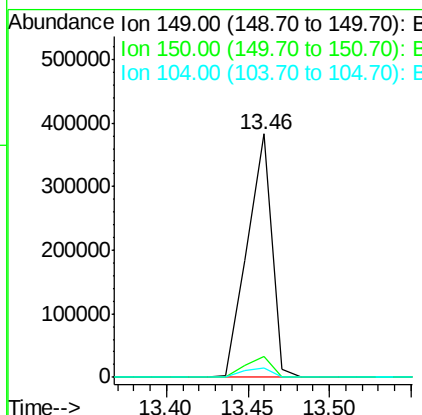
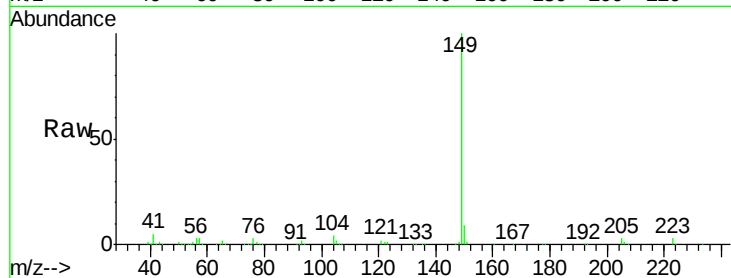
#73
Di-n-butylphthalate
Concen: 43.28 ng
RT: 13.46 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB82241BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	400497		
150	8.7	7.5	11.3	
104	4.1	3.7	5.5	

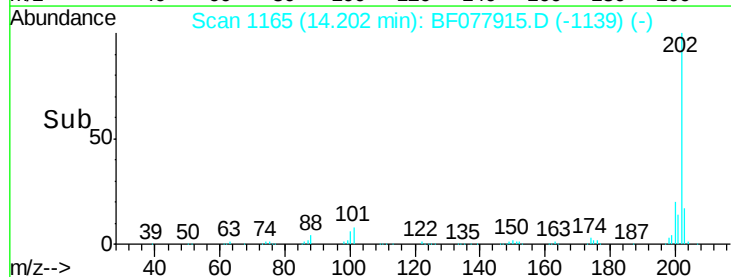
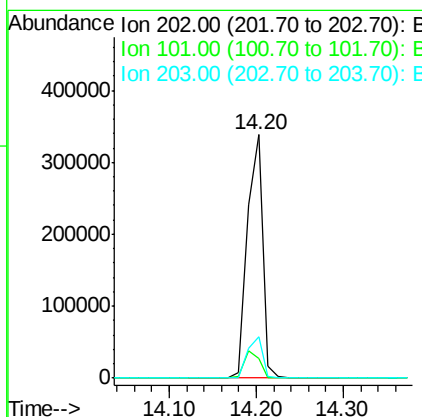
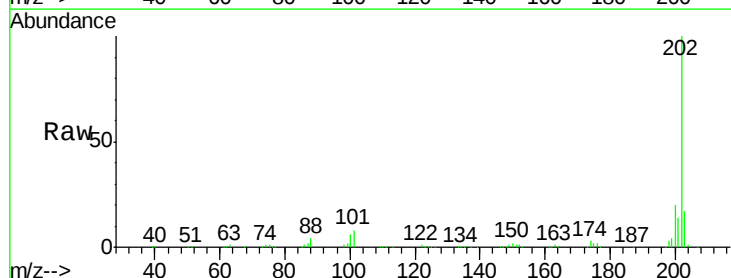
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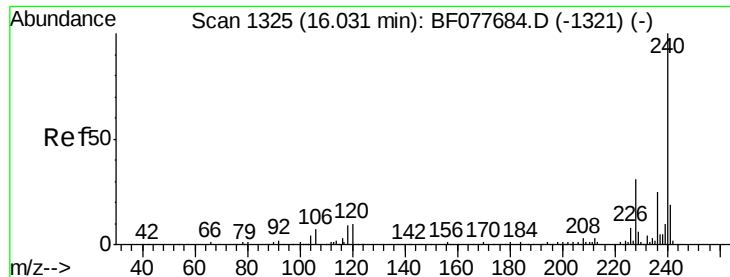
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#74
Fluoranthene
Concen: 43.07 ng
RT: 14.20 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	417138		
101	8.3	0.0	28.7	
203	17.0	0.0	37.2	





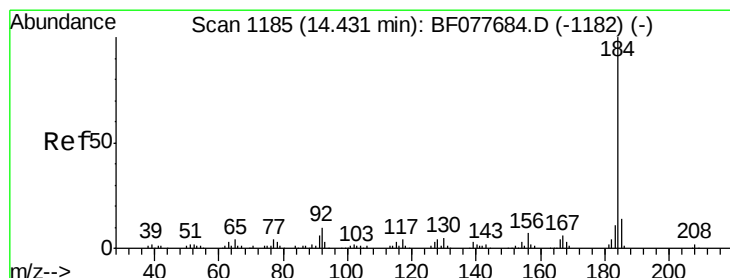
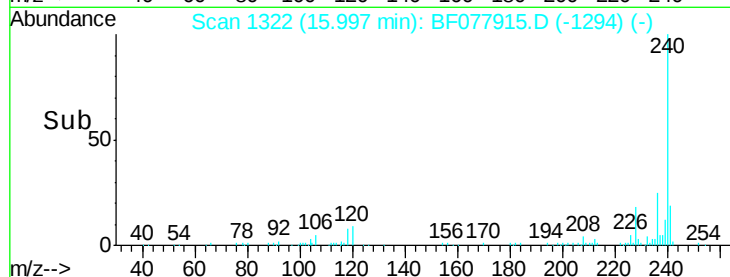
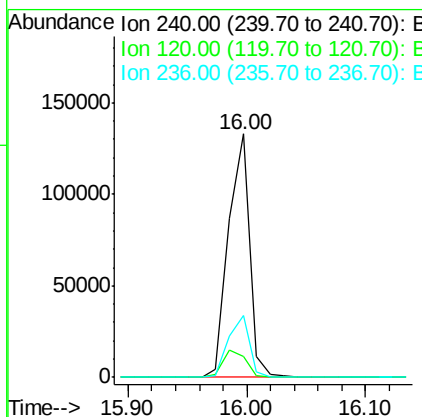
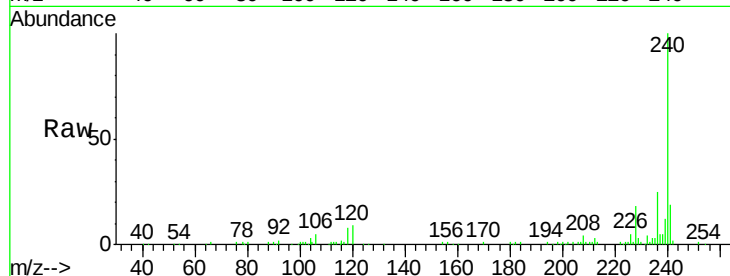
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1322
Delta R.T. 0.02 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB82241BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	163629		
120	8.7		8.2	12.2
236	25.2		20.0	30.0

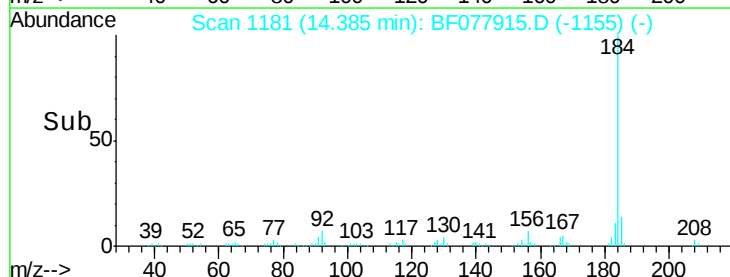
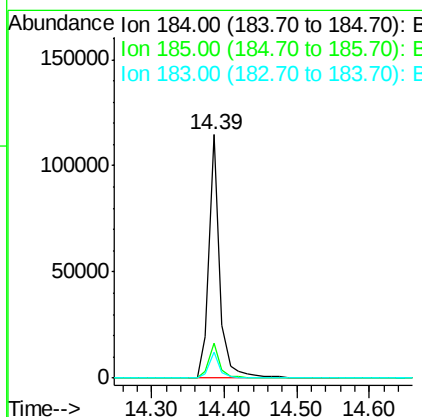
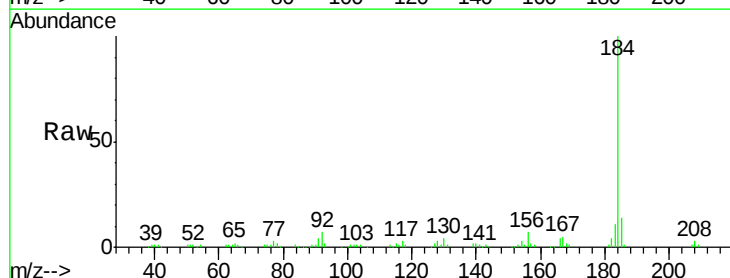
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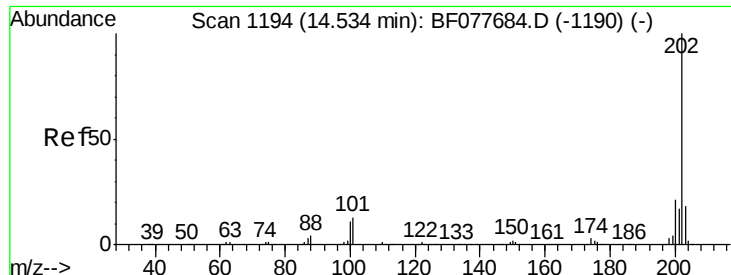
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#76
Benzidine
Concen: 29.67 ng
RT: 14.39 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	120606		
185	14.4		11.3	16.9
183	10.8		8.9	13.3





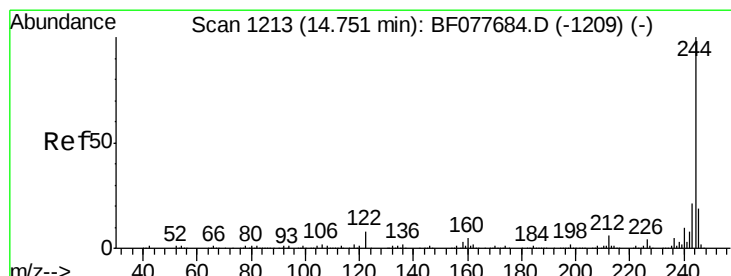
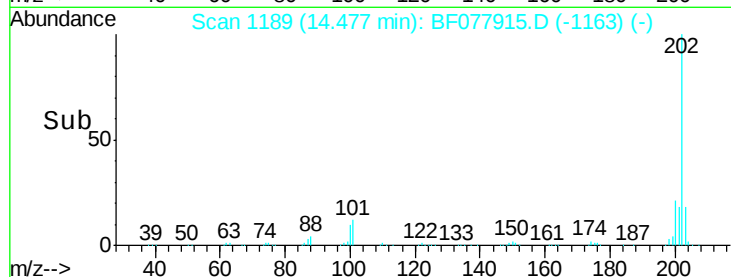
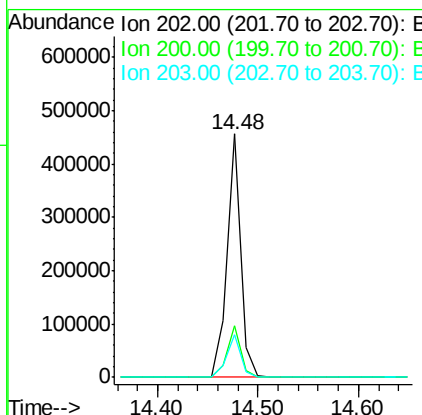
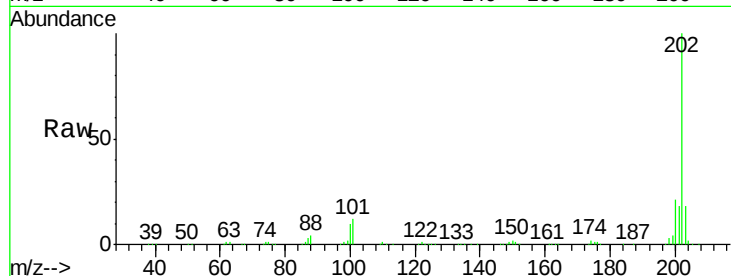
#77
 Pyrene
 Concen: 41.67 ng
 RT: 14.48 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	428768		
200	21.2	16.9	25.3	
203	17.8	14.1	21.1	

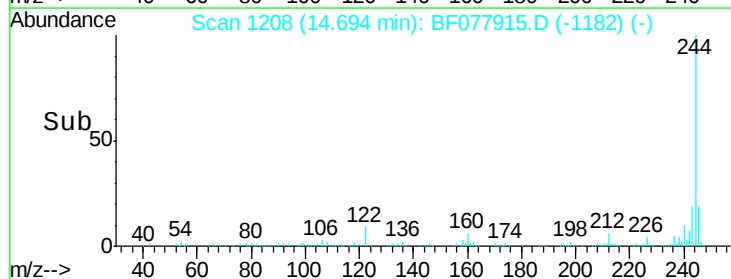
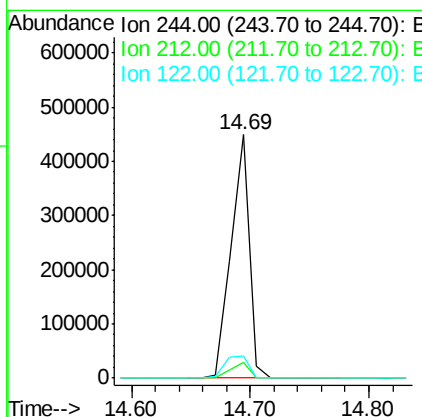
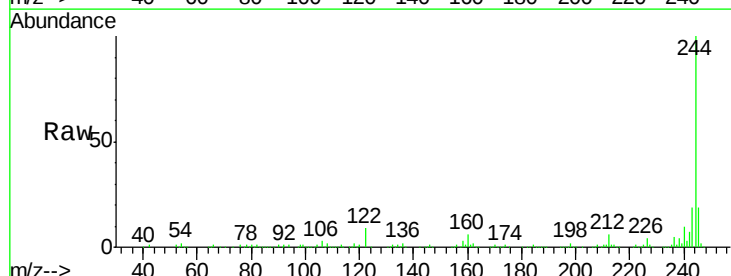
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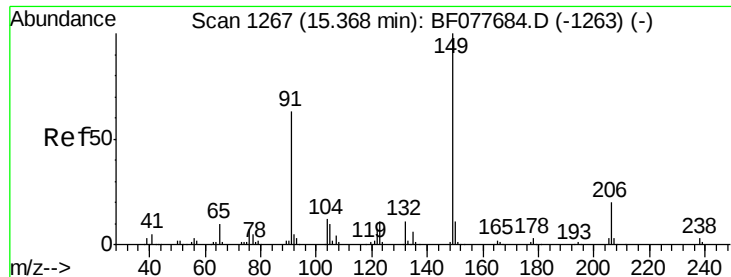
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#78
 Terphenyl-d14
 Concen: 71.33 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	477793		
212	6.4	4.9	7.3	
122	9.3	6.2	9.4	





#79

Butylbenzylphthalate

Concen: 42.51 ng

RT: 15.31 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

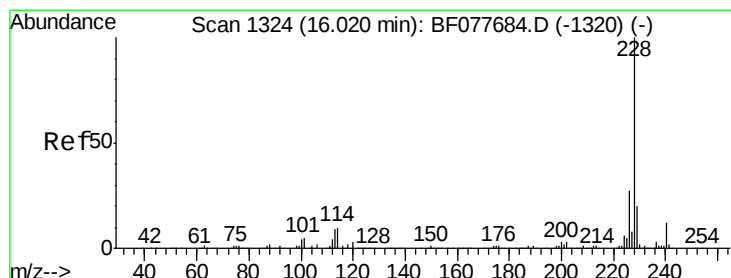
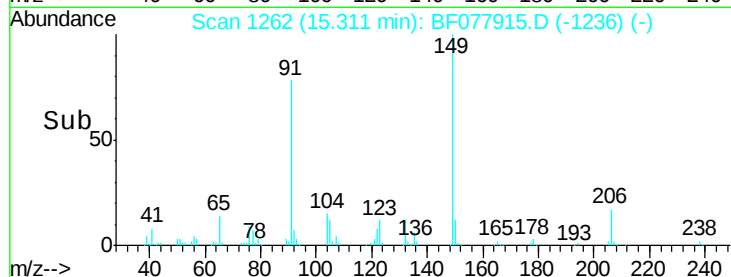
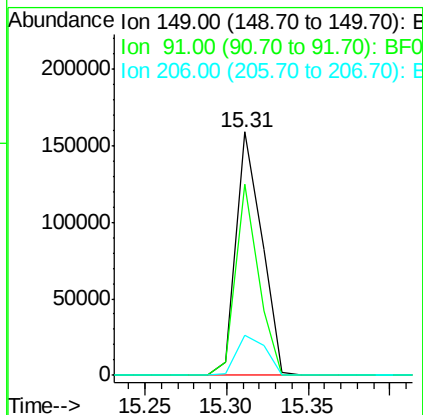
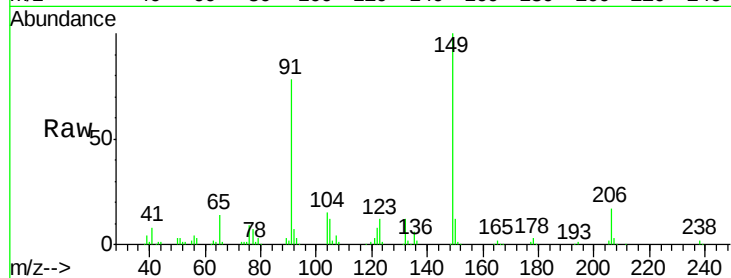
ClientSampleId :

PB82241BS

Tgt Ion:	149	Resp:	172469
Ion Ratio	Lower	Upper	
149	100		
91	78.4	50.1	75.1#
206	16.7	16.2	24.2

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#80

Benzo(a)anthracene

Concen: 43.17 ng

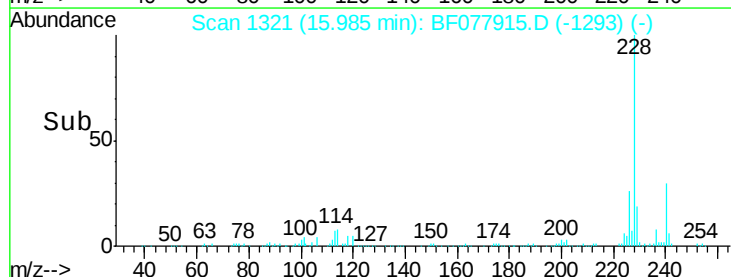
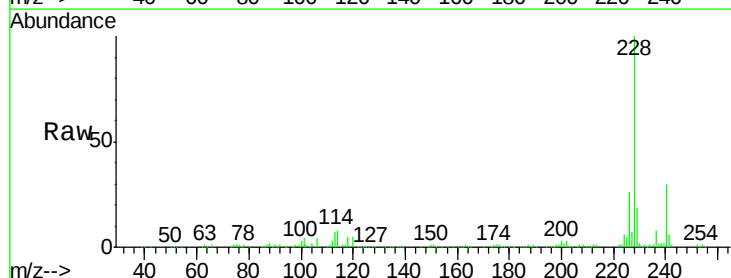
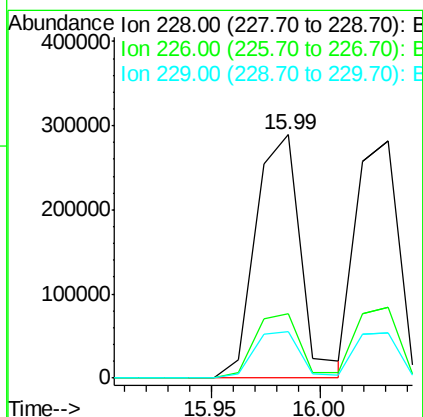
RT: 15.99 min Scan# 1321

Delta R.T. 0.02 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Tgt Ion:	228	Resp:	418731
Ion Ratio	Lower	Upper	
228	100		
226	26.2	21.7	32.5
229	19.0	16.0	24.0





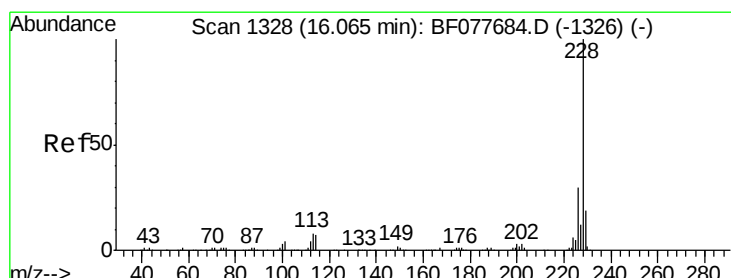
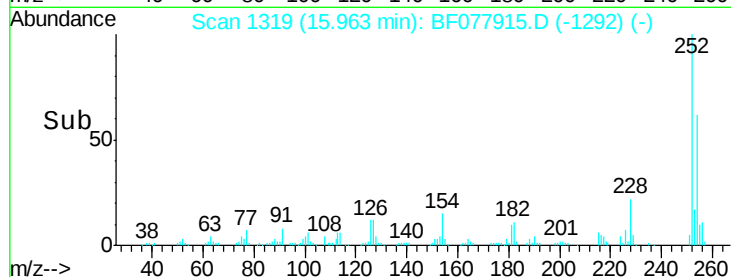
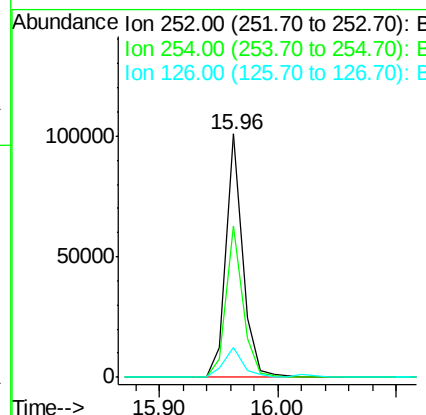
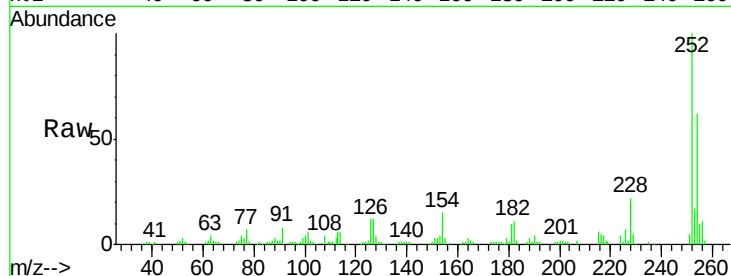
#81
 3,3'-Dichlorobenzidine
 Concen: 30.75 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Instrument :
 BNA_F
 ClientSampled :
 PB82241BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	62.2	51.9	77.9
126	12.4	9.8	14.8

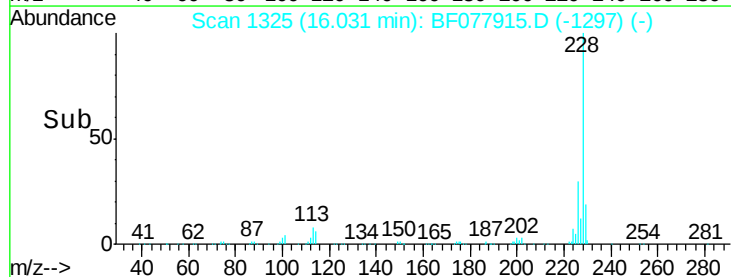
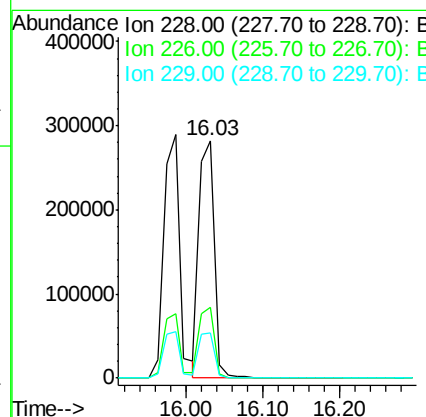
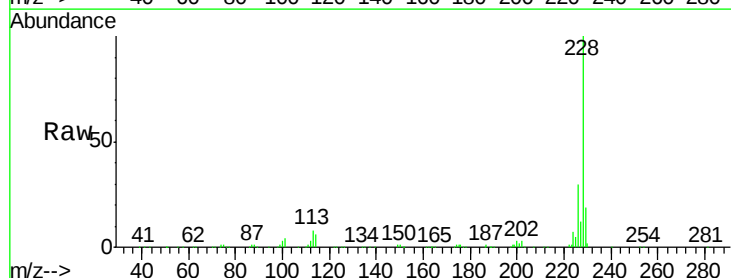
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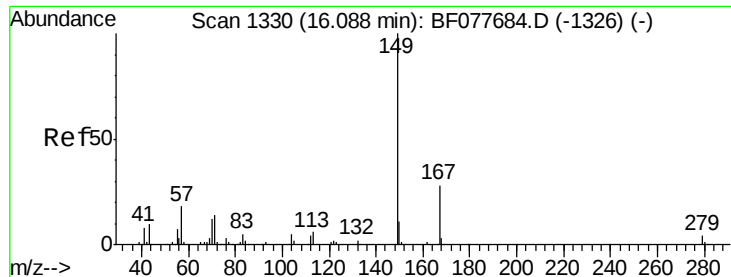
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#82
 Chrysene
 Concen: 44.71 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. 0.02 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.0	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.81 ng

RT: 16.05 min Scan# 1327

Delta R.T. 0.02 min

Lab File: BF077915.D

Acq: 24 Mar 2015 16:58

Instrument :

BNA_F

ClientSampleId :

PB82241BS

Tgt Ion:149 Resp: 263073
Ion Ratio Lower Upper

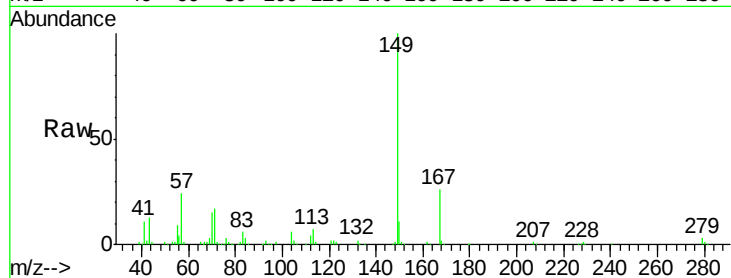
149 100

167 26.2 22.4 33.6

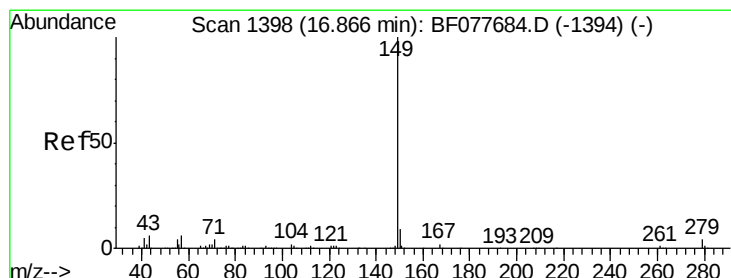
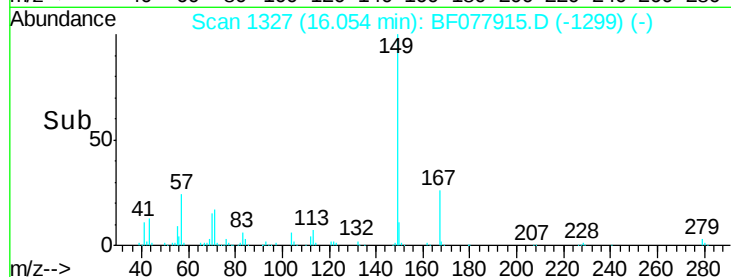
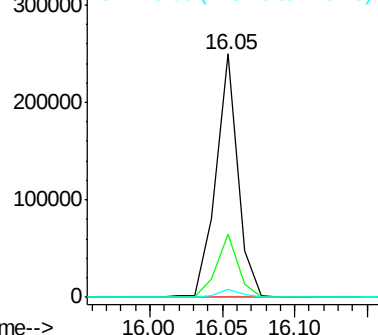
279 3.3 3.4 5.0#

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



#84

Di-n-octyl phthalate

Concen: 41.75 ng

RT: 16.88 min Scan# 1399

Delta R.T. 0.06 min

Lab File: BF077915.D

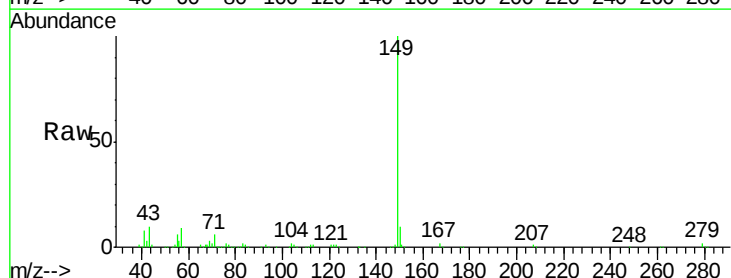
Acq: 24 Mar 2015 16:58

Tgt Ion:149 Resp: 438647
Ion Ratio Lower Upper

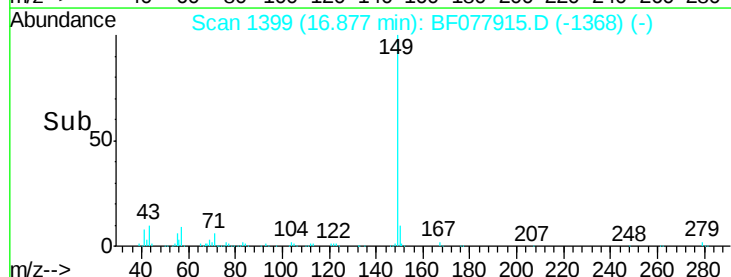
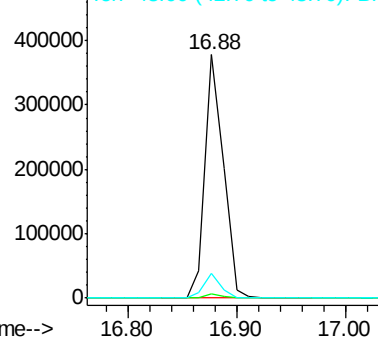
149 100

167 1.5 1.2 1.8

43 9.5 7.3 10.9



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





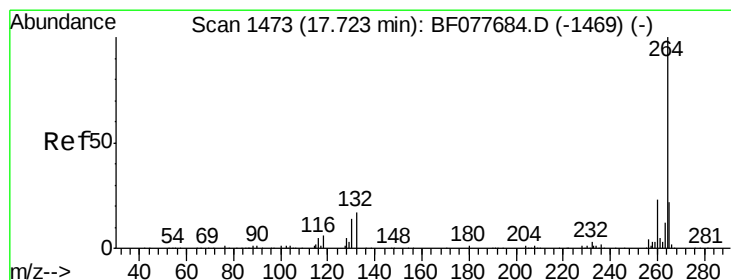
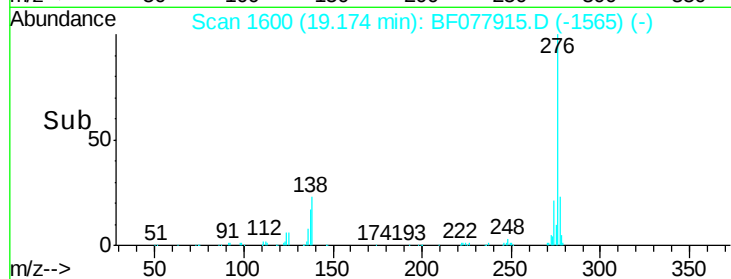
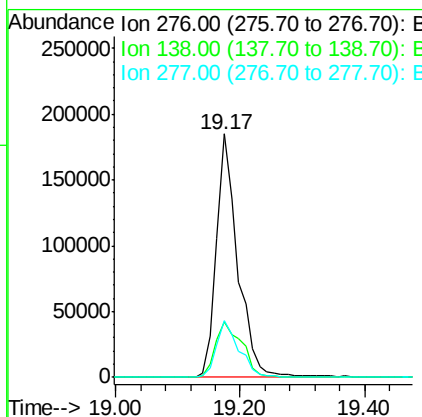
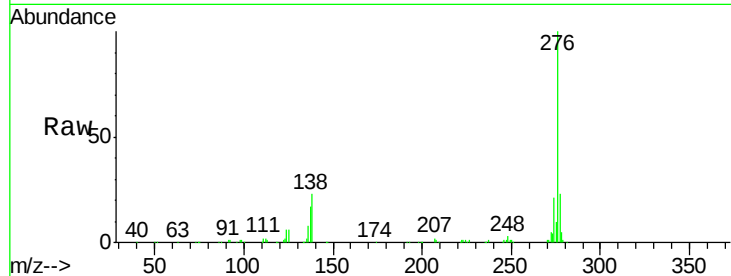
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.12 ng
RT: 19.17 min Scan# 1600
Delta R.T. 0.10 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB82241BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.9	0.0	0.0#
277	24.9	0.0	0.0#

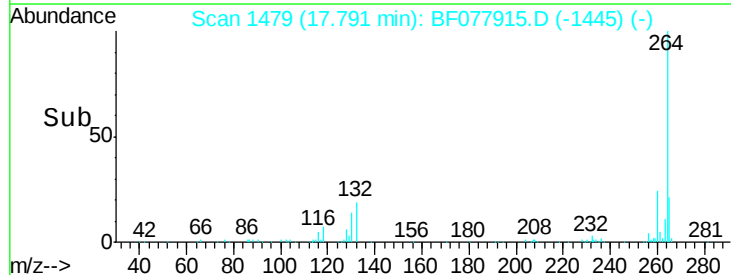
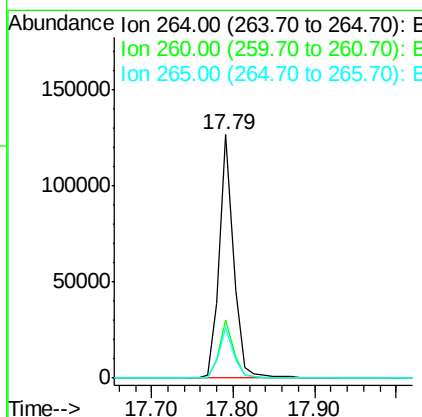
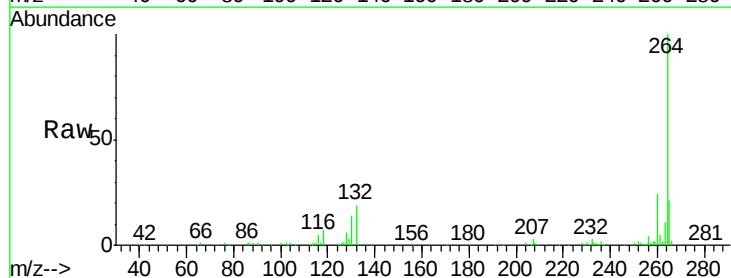
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1479
Delta R.T. 0.09 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.6	18.6	27.8
265	20.8	17.3	25.9





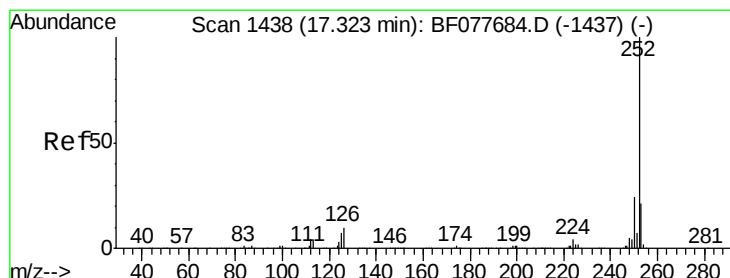
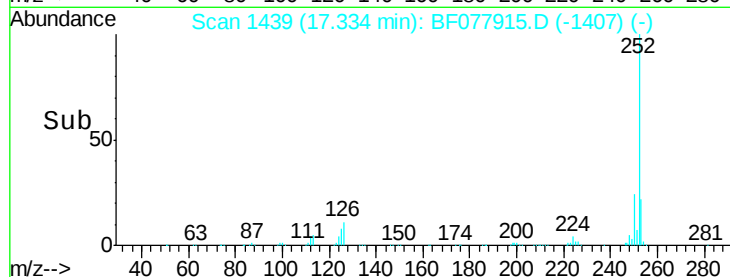
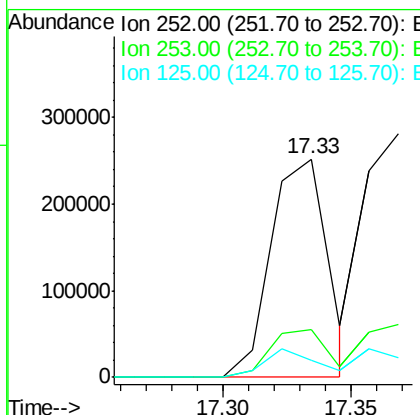
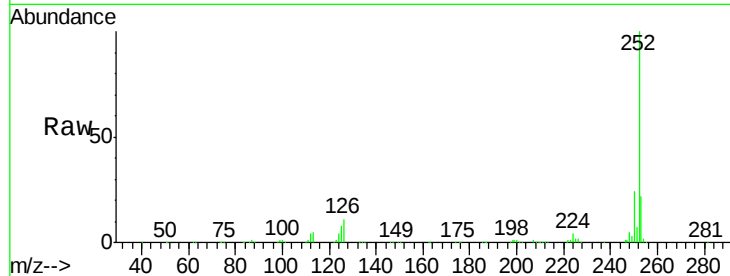
#87
Benzo(b)fluoranthene
Concen: 39.00 ng m
RT: 17.33 min Scan# 1439
Delta R.T. 0.07 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB82241BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	7.7	9.9	14.9

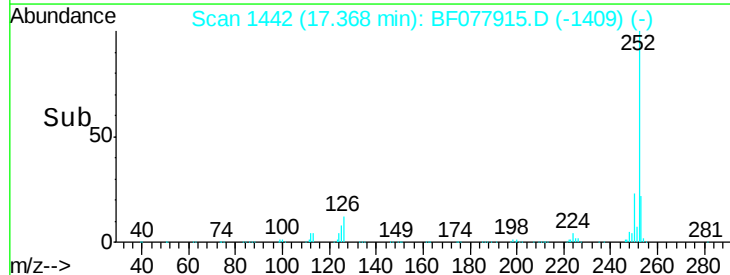
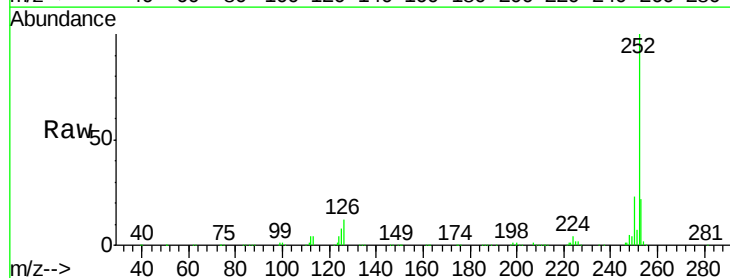
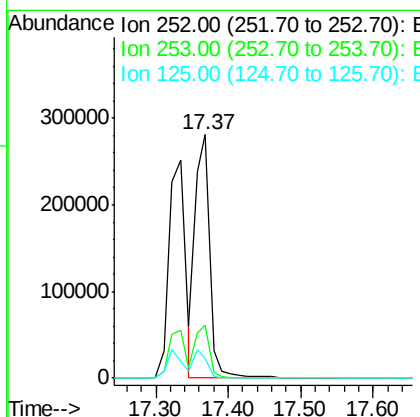
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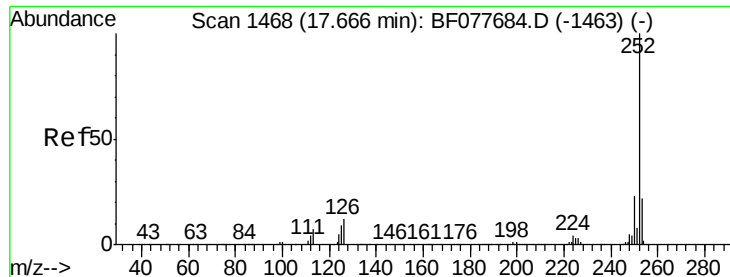
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#88
Benzo(k)fluoranthene
Concen: 50.13 ng
RT: 17.37 min Scan# 1442
Delta R.T. 0.08 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	8.0	8.1	12.1





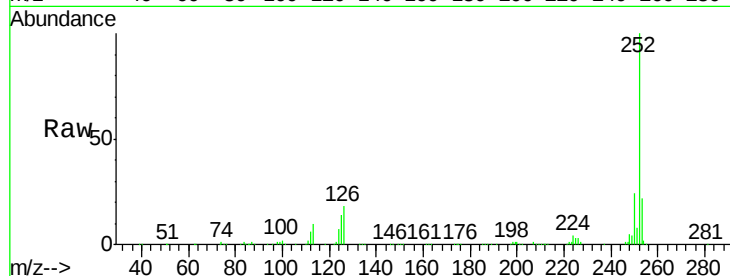
#89
Benzo(a)pyrene
Concen: 45.60 ng
RT: 17.72 min Scan# 1473
Delta R.T. 0.08 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Instrument :
BNA_F
ClientSampleId :
PB82241BS

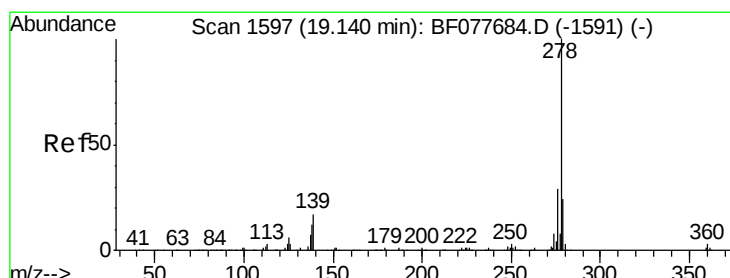
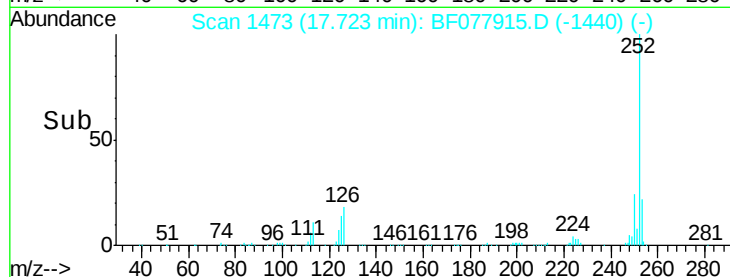
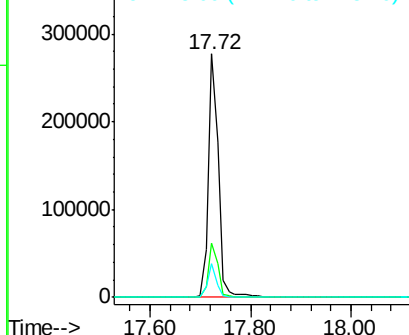
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	382025		
253	22.2	17.6	26.4	
125	13.7	7.4	11.2	

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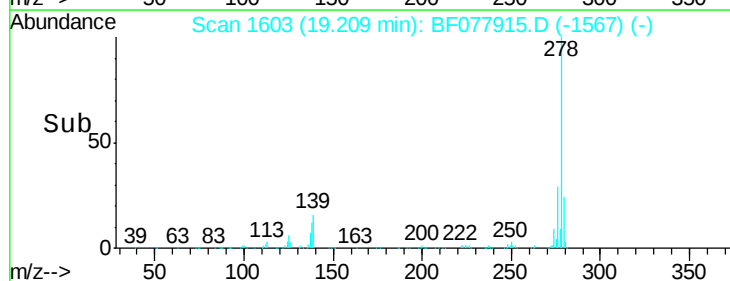
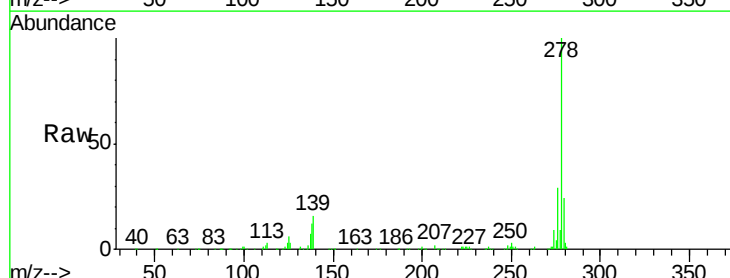
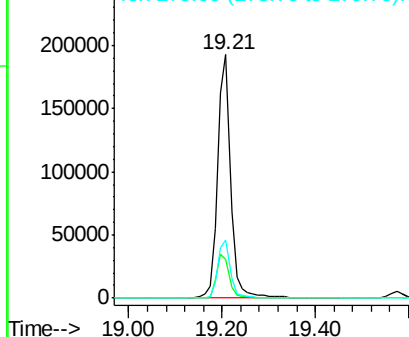
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

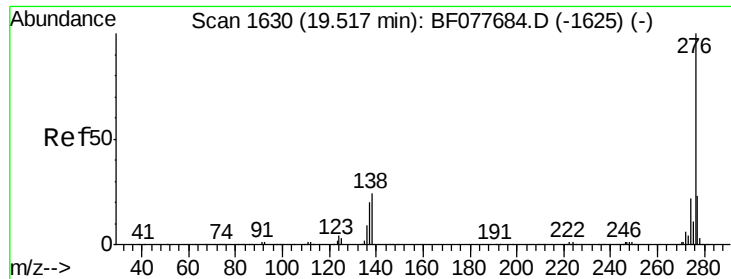


#90
Dibenzo(a,h)anthracene
Concen: 44.57 ng
RT: 19.21 min Scan# 1603
Delta R.T. 0.11 min
Lab File: BF077915.D
Acq: 24 Mar 2015 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	370411		
139	15.9	13.4	20.0	
279	23.7	19.0	28.4	

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 43.98 ng
 RT: 19.57 min Scan# 1635
 Delta R.T. 0.10 min
 Lab File: BF077915.D
 Acq: 24 Mar 2015 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BS

Tgt Ion:	276	Resp:	372063
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.5	27.7
138	25.0	19.0	28.6

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