

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077916.D
 Acq On : 24 Mar 2015 17:27
 Operator : TP/IZ
 Sample : PB82241BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Manual Integrations
 APPROVED

mohammad
 3/25/2015 5:01:12 PM

Quant Time: Mar 25 01:39:52 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	41741	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	173890	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	85550	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	161126	20.00	ng	0.00
75) Chrysene-d12	15.99	240	175624	20.00	ng	0.01
86) Perylene-d12	17.76	264	164864	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	194687	81.41	ng	0.00
7) Phenol-d6	6.69	99	251797	85.23	ng	0.00
23) Nitrobenzene-d5	7.81	82	189354	71.38	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	58623	71.62	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	438781	75.38	ng	0.00
78) Terphenyl-d14	14.69	244	510881	71.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	33367	30.73	ng	# 100
3) Pyridine	2.68	79	86422	29.63	ng	99
4) n-Nitrosodimethylamine	2.61	42	44164	34.77	ng	# 98
6) Aniline	6.70	93	87182	20.63	ng	# 13
8) 2-Chlorophenol	6.85	128	117456	41.26	ng	87
9) Benzaldehyde	6.57	77	3946	3.26	ng	85
10) Phenol	6.70	94	140369	40.19	ng	96
11) bis(2-Chloroethyl)ether	6.81	93	108445	41.46	ng	91
12) 1,3-Dichlorobenzene	7.04	146	123695	39.07	ng	98
13) 1,4-Dichlorobenzene	7.14	146	124672	37.90	ng	98
14) 1,2-Dichlorobenzene	7.32	146	119942	39.77	ng	98
15) Benzyl Alcohol	7.31	79	87763	38.05	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.48	45	145802	41.36	ng	97
17) 2-Methylphenol	7.46	107	95994	41.43	ng	99
18) Hexachloroethane	7.73	117	42778	39.65	ng	94
19) n-Nitroso-di-n-propylamine	7.64	70	79801	39.04	ng	# 93
20) 3+4-Methylphenols	7.65	107	120725	39.70	ng	99
22) Acetophenone	7.63	105	158927	41.28	ng	# 92
24) Nitrobenzene	7.84	77	118092	41.32	ng	89
25) Isophorone	8.13	82	208395	38.90	ng	95
26) 2-Nitrophenol	8.22	139	53969	38.57	ng	# 83
27) 2,4-Dimethylphenol	8.30	122	102235	40.11	ng	98
28) bis(2-Chloroethoxy)methane	8.42	93	134530	41.37	ng	99
29) 2,4-Dichlorophenol	8.53	162	96398	39.68	ng	97
30) 1,2,4-Trichlorobenzene	8.62	180	100914	37.12	ng	97
31) Naphthalene	8.72	128	335706	37.59	ng	100
32) Benzoic acid	8.42	122	41065	30.11	ng	97
33) 4-Chloroaniline	8.80	127	72255	19.94	ng	# 91
34) Hexachlorobutadiene	8.88	225	59873	38.86	ng	97
35) Caprolactam	9.23	113	28730	40.46	ng	# 76
36) 4-Chloro-3-methylphenol	9.41	107	100289	41.02	ng	87
37) 2-Methylnaphthalene	9.57	142	231707	38.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	99586	39.03	ng	# 100
40) Hexachlorocyclopentadiene	9.77	237	101282	79.32	ng	98

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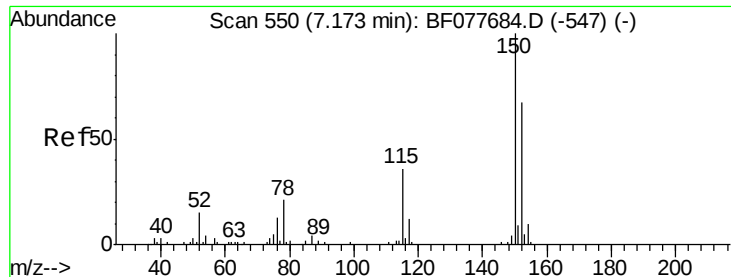
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	65287	36.94	ng	98
43) 2,4,5-Trichlorophenol	9.98	196	75045	39.30	ng #	93
45) 1,1'-Biphenyl	10.16	154	274117	40.08	ng	96
46) 2-Chloronaphthalene	10.18	162	221239	39.81	ng	95
47) 2-Nitroaniline	10.32	65	60012	43.48	ng	93
48) Acenaphthylene	10.68	152	350494	37.92	ng	100
49) Dimethylphthalate	10.56	163	265493	41.84	ng	99
50) 2,6-Dinitrotoluene	10.62	165	58520	44.49	ng	87
51) Acenaphthene	10.90	154	197030	37.18	ng	99
52) 3-Nitroaniline	10.82	138	39629	25.94	ng #	71
53) 2,4-Dinitrophenol	10.96	184	38752	80.18	ng	99
54) Dibenzofuran	11.12	168	315475	40.14	ng	96
55) 4-Nitrophenol	11.05	139	83381	73.69	ng #	61
56) 2,4-Dinitrotoluene	11.12	165	75569	44.06	ng	90
57) Fluorene	11.54	166	252239	38.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.28	232	60352	41.05	ng #	100
59) Diethylphthalate	11.43	149	248583	40.21	ng	97
60) 4-Chlorophenyl-phenylether	11.55	204	117323	39.39	ng	91
61) 4-Nitroaniline	11.57	138	57775	37.95	ng	76
62) Azobenzene	11.75	77	239736	40.57	ng	94
64) 4,6-Dinitro-2-methylphenol	11.62	198	29570	39.69	ng	79
65) n-Nitrosodiphenylamine	11.70	169	220726	41.14	ng	99
66) 4-Bromophenyl-phenylether	12.16	248	71534	41.60	ng #	93
67) Hexachlorobenzene	12.21	284	76917	40.71	ng	98
68) Atrazine	12.37	200	64766	43.08	ng	96
69) Pentachlorophenol	12.47	266	74106	75.08	ng	99
70) Phenanthrene	12.73	178	383655	41.48	ng	99
71) Anthracene	12.79	178	383365	41.95	ng	99
72) Carbazole	13.00	167	372559	42.86	ng	99
73) Di-n-butylphthalate	13.46	149	407812	41.84	ng	98
74) Fluoranthene	14.20	202	421232	41.29	ng	99
76) Benzidine	14.39	184	124596	28.54	ng	99
77) Pyrene	14.48	202	439691	39.81	ng	100
79) Butylbenzylphthalate	15.31	149	177053	40.66	ng	90
80) Benzo(a)anthracene	15.97	228	417377	40.09	ng	100
81) 3,3'-Dichlorobenzidine	15.95	252	100517	29.27	ng #	96
82) Chrysene	16.02	228	391249	41.80	ng	99
83) Bis(2-ethylhexyl)phthalate	16.04	149	288179	43.69	ng #	96
84) Di-n-octyl phthalate	16.85	149	467481	41.45	ng	100
85) Indeno(1,2,3-cd)pyrene	19.13	276	437814	37.47	ng #	100
87) Benzo(b)fluoranthene	17.30	252	438509m	40.74	ng	
88) Benzo(k)fluoranthene	17.33	252	349899	41.62	ng	98
89) Benzo(a)pyrene	17.69	252	386733	43.06	ng #	95
90) Dibenzo(a,h)anthracene	19.16	278	368124	41.33	ng	99
91) Benzo(g,h,i)perylene	19.54	276	362723	40.00	ng	98

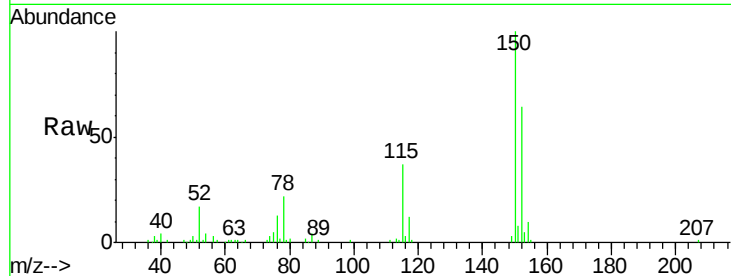
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

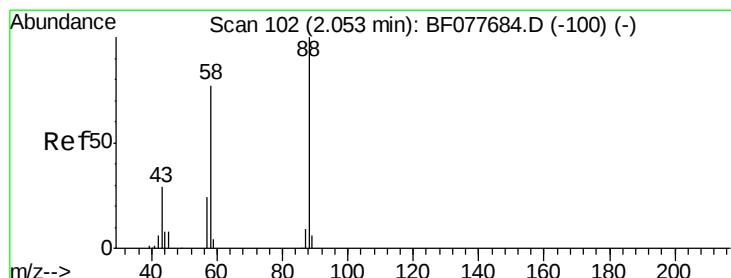
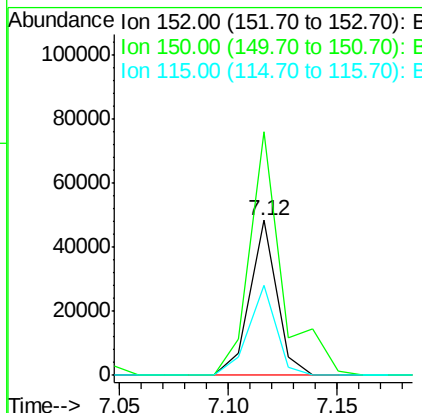
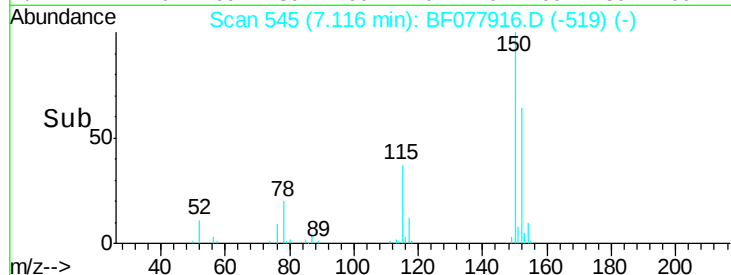
Instrument :
BNA_F
ClientSampleId :
PB82241BSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	119.5	179.3
115	57.8	43.0	64.4

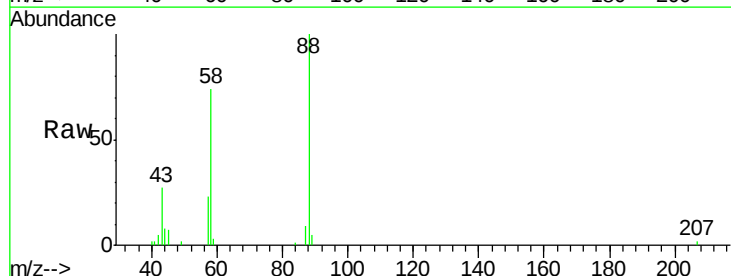
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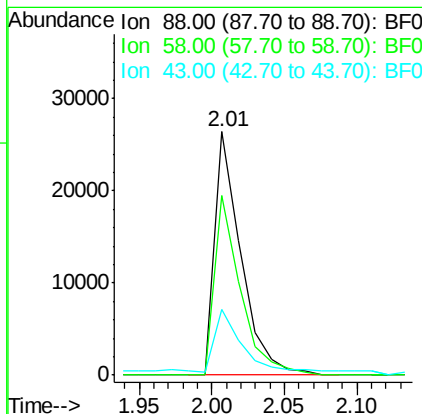
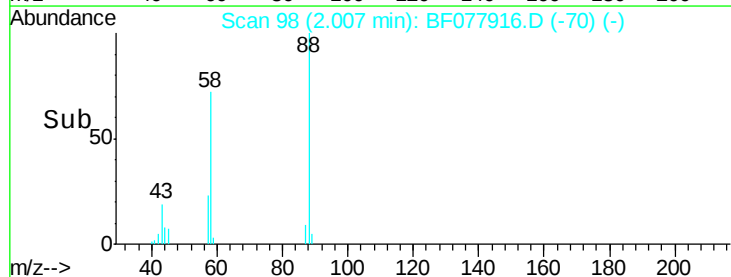


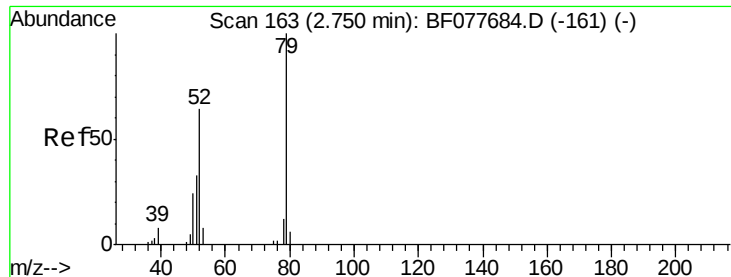
#2

1,4-Dioxane
Concen: 30.73 ng
RT: 2.01 min Scan# 98
Delta R.T. 0.02 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27



Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	0.0	0.0#
43	34.5	0.0	0.0#





#3

Pyridine

Concen: 29.63 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.03 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

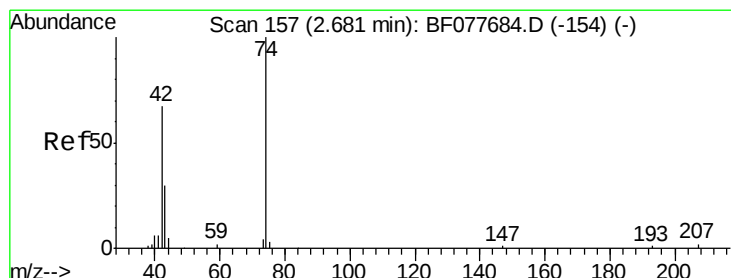
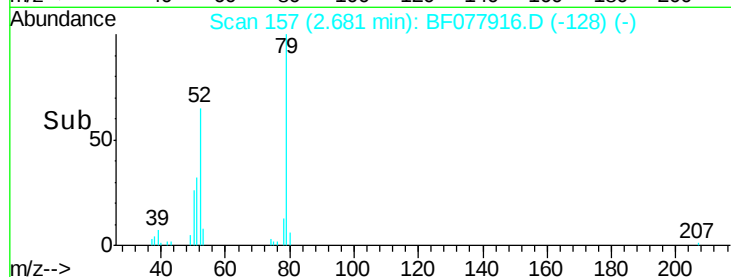
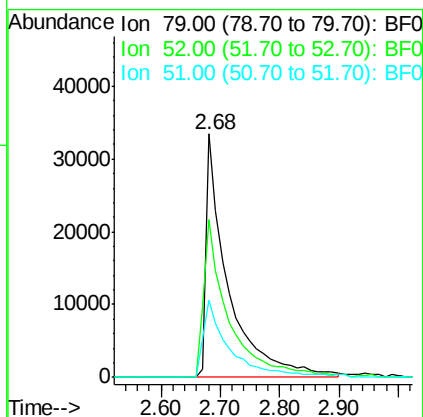
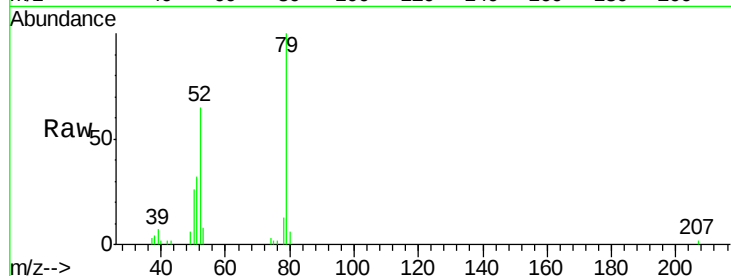
ClientSampleId :

PB82241BSD

Tgt Ion:	79	Resp:	86422
Ion	Ratio	Lower	Upper
79	100		
52	64.8	51.1	76.7
51	31.9	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 34.77 ng

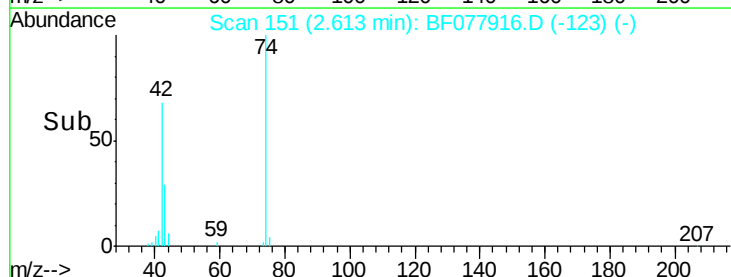
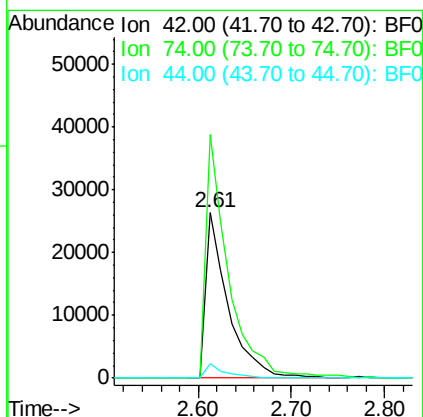
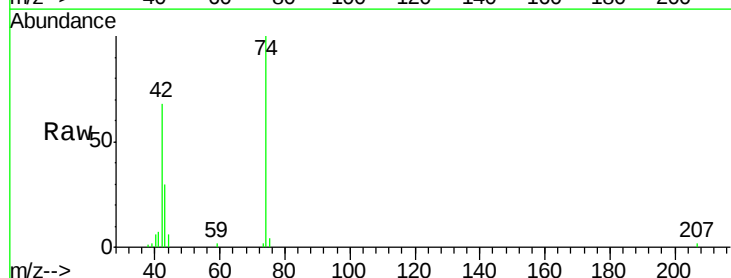
RT: 2.61 min Scan# 151

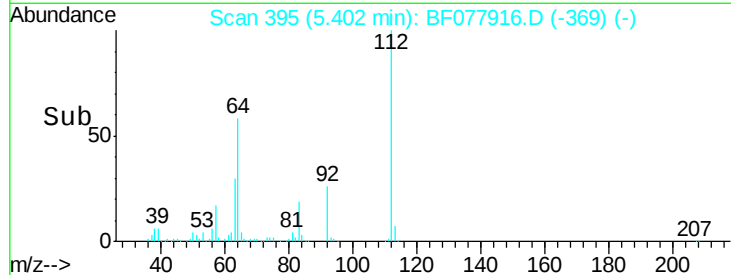
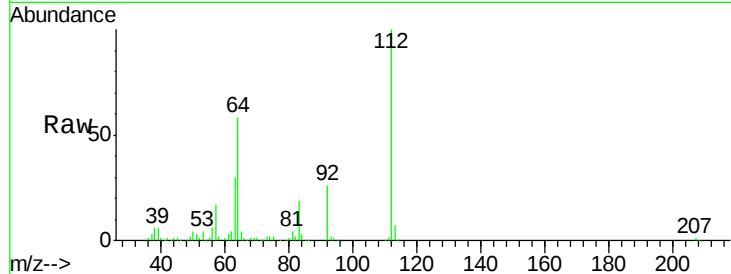
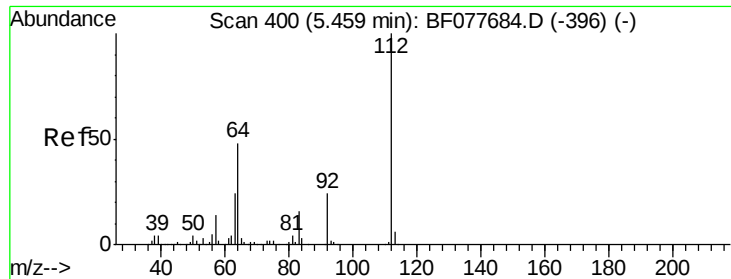
Delta R.T. 0.02 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion:	42	Resp:	44164
Ion	Ratio	Lower	Upper
42	100		
74	147.1	119.3	178.9
44	8.4	5.4	8.2#





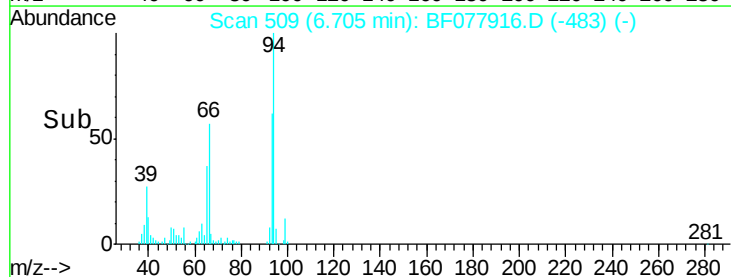
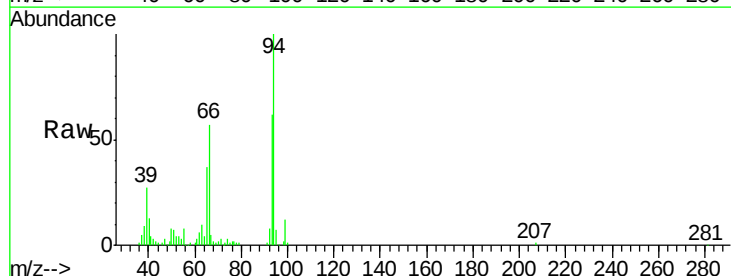
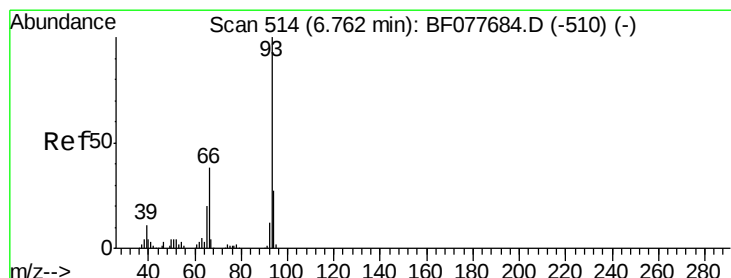
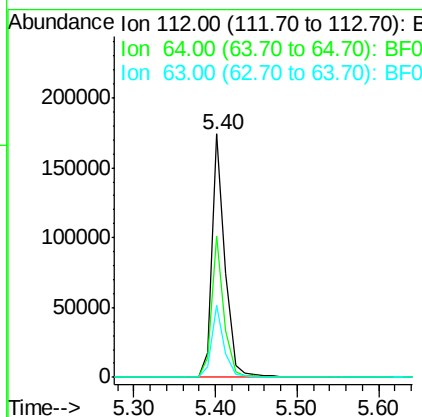
#5
2-Fluorophenol
Concen: 81.41 ng
RT: 5.40 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	194687		
64	58.2	38.6	57.8#	
63	29.7	19.3	28.9#	

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

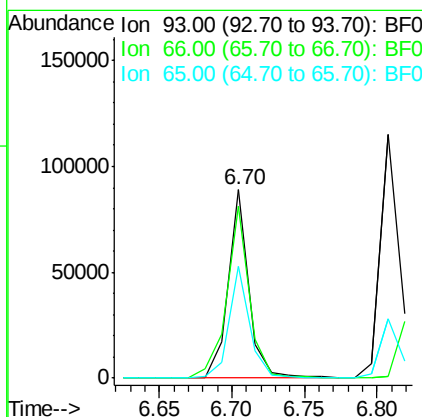
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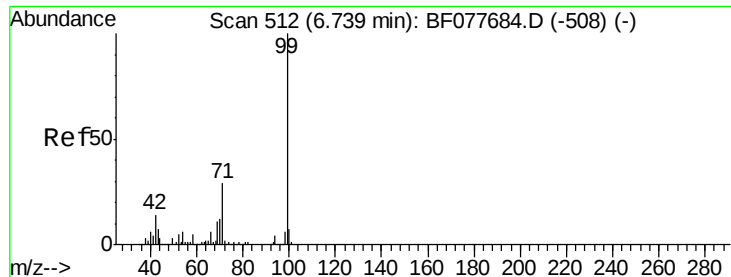
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#6
Aniline
Concen: 20.63 ng
RT: 6.70 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	87182		
66	91.4	30.8	46.2#	
65	59.3	16.0	24.0#	





#7

Phenol-d6

Concen: 85.23 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077916.D

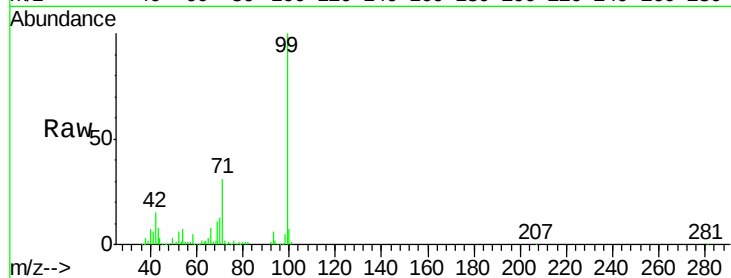
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Instrument :

BNA_F

ClientSampleId :

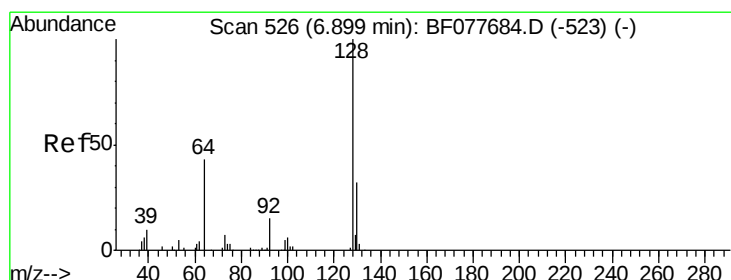
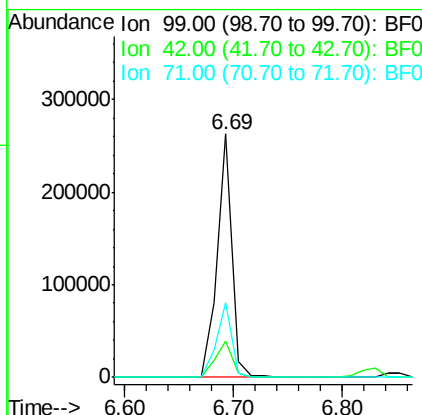
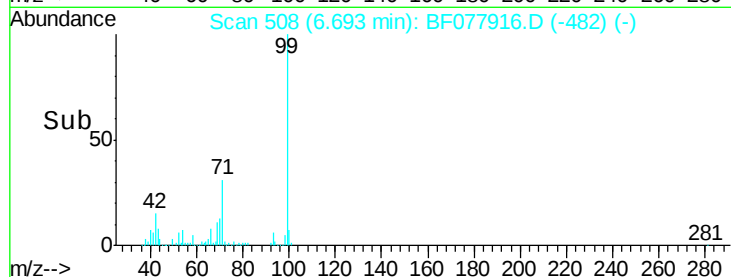
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Tgt Ion:	99	Resp:	251797
Ion Ratio	Lower	Upper	
99	100		
42	15.0	11.0	16.4
71	30.6	23.4	35.2

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#8

2-Chlorophenol

Concen: 41.26 ng

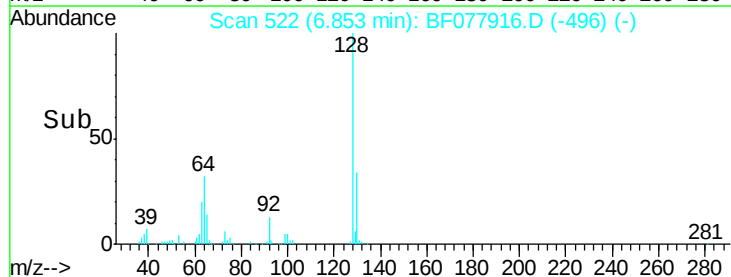
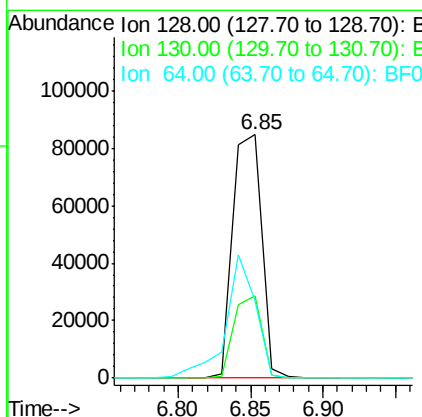
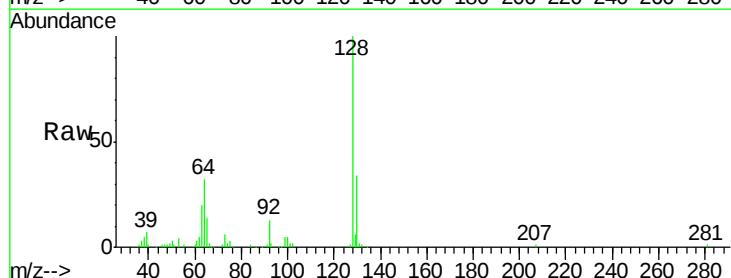
RT: 6.85 min Scan# 522

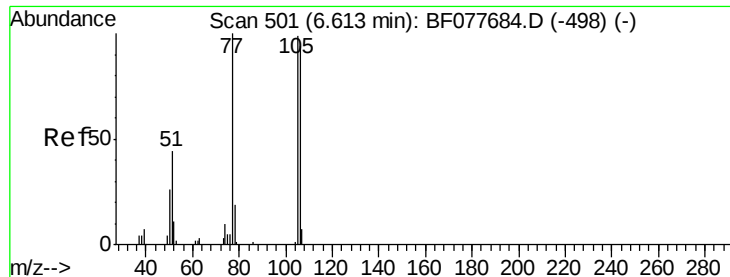
Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion:	128	Resp:	117456
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.0	52.0
64	31.8	24.9	64.9





#9

Benzaldehyde

Concen: 3.26 ng

RT: 6.57 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF077916.D

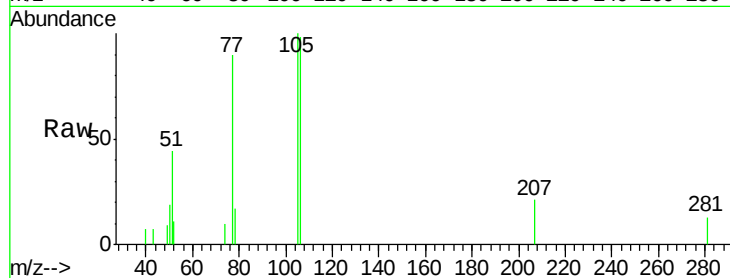
Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD



Tgt Ion: 77 Resp: 3946

Ion Ratio Lower Upper

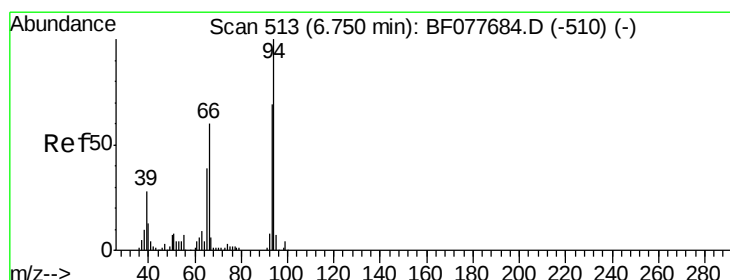
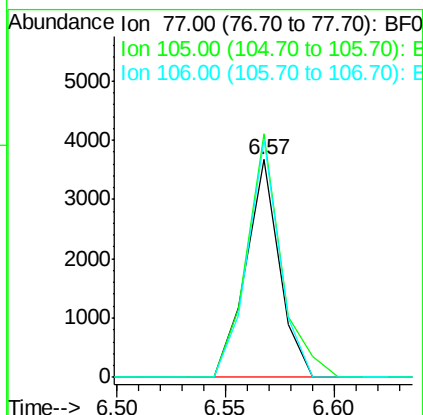
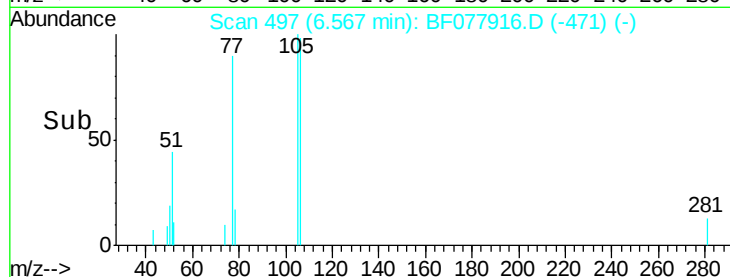
77 100

105 111.7 78.8 118.8

106 109.5 73.7 113.7

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#10

Phenol

Concen: 40.19 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

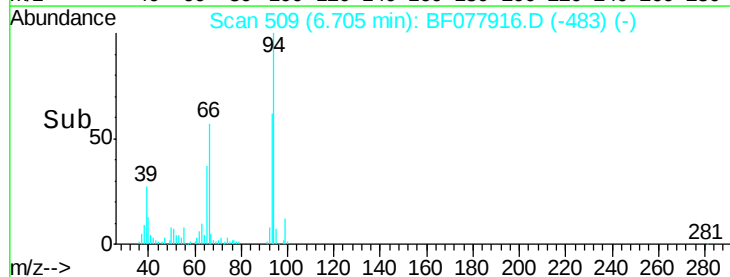
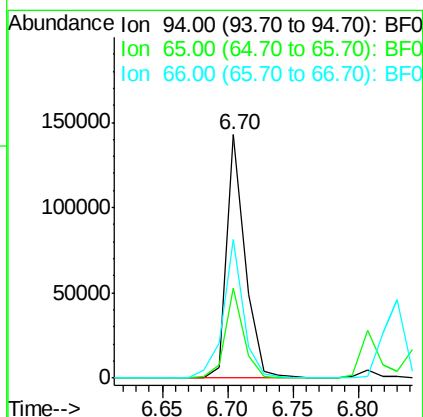
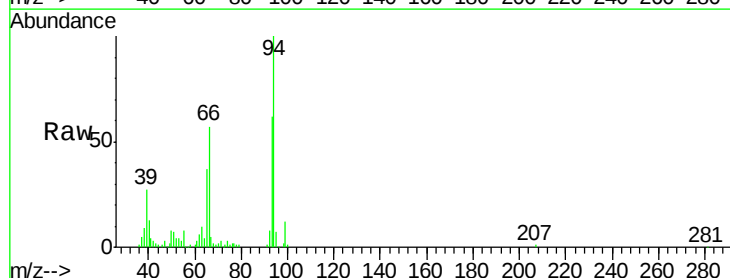
Tgt Ion: 94 Resp: 140369

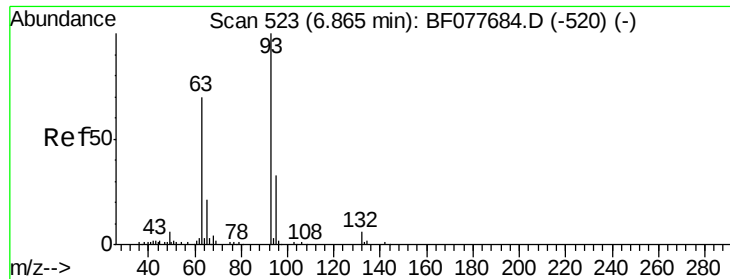
Ion Ratio Lower Upper

94 100

65 36.9 18.8 58.8

66 56.9 39.9 79.9





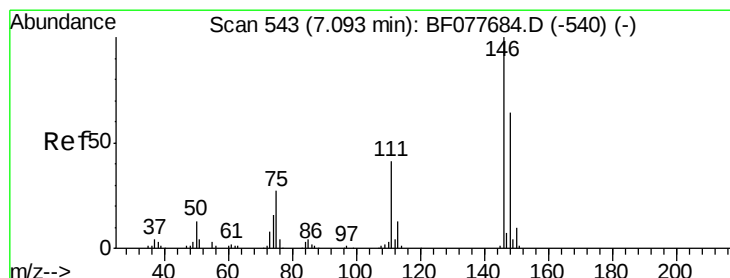
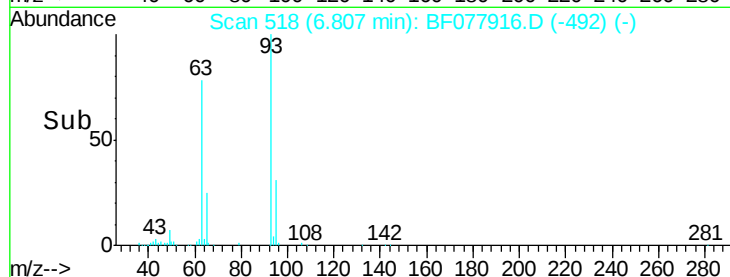
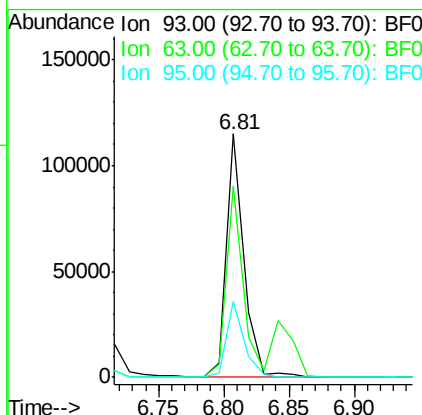
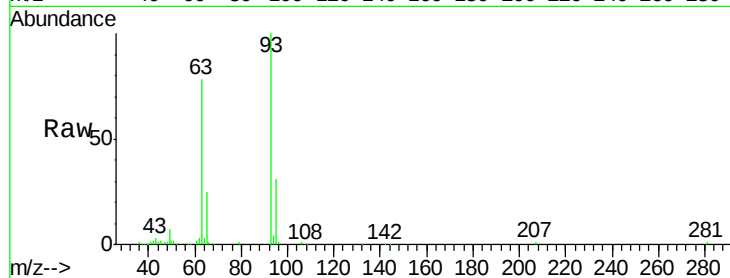
#11
bis(2-Chloroethyl)ether
Concen: 41.46 ng
RT: 6.81 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	108445		
63	78.4	49.5	89.5	
95	31.4	13.5	53.5	

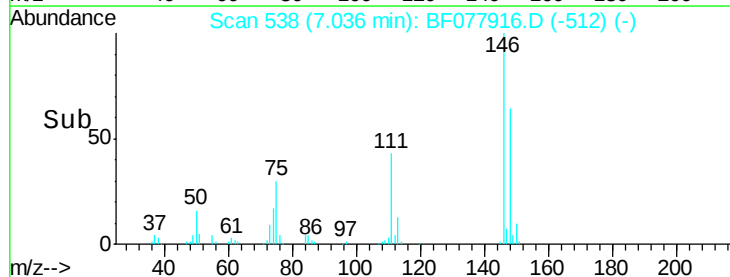
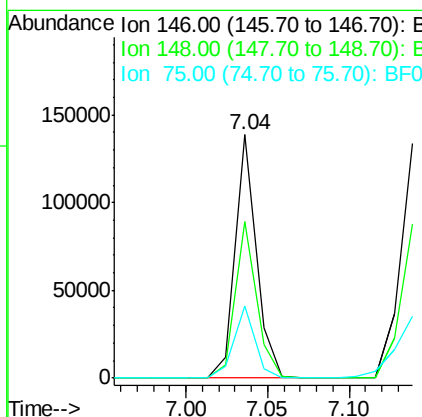
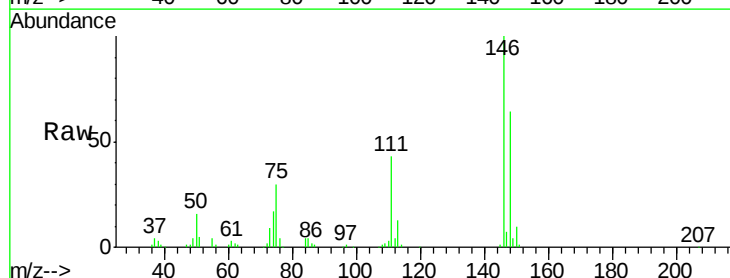
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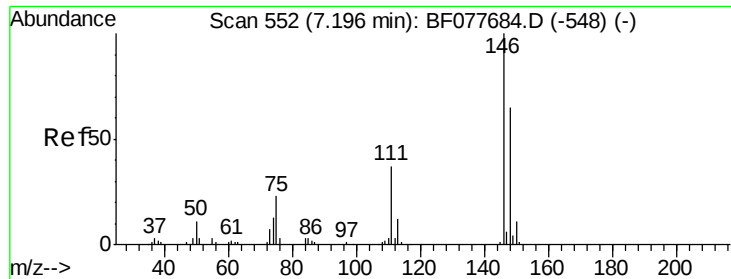
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.07 ng
RT: 7.04 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	123695		
148	64.1	50.9	76.3	
75	29.6	21.4	32.2	





#13

1,4-Dichlorobenzene

Concen: 37.90 ng

RT: 7.14 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

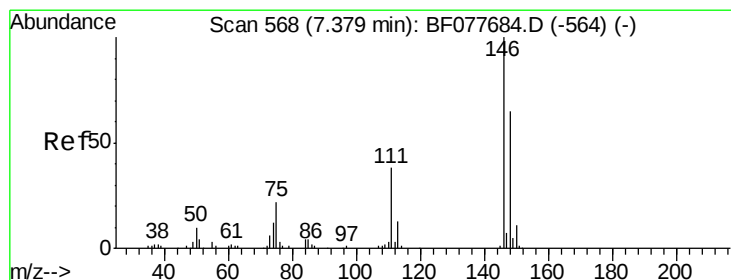
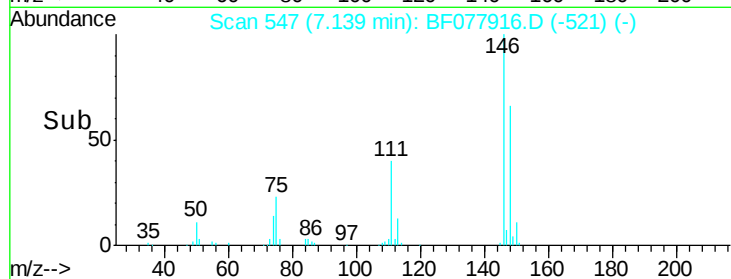
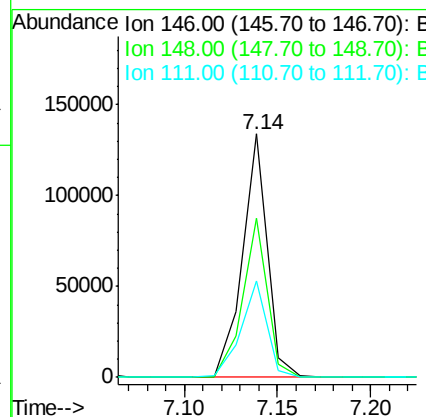
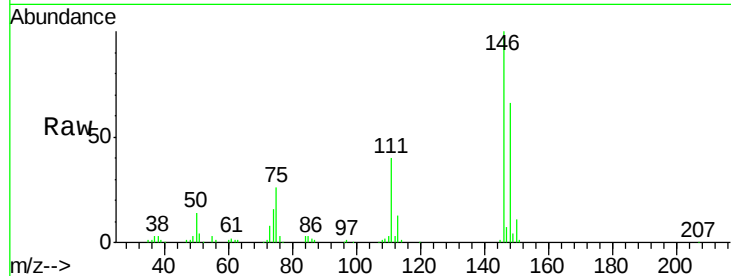
ClientSampleId :

PB82241BSD

Tgt Ion:	146	Resp:	124672
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.9	77.9
111	39.7	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 39.77 ng

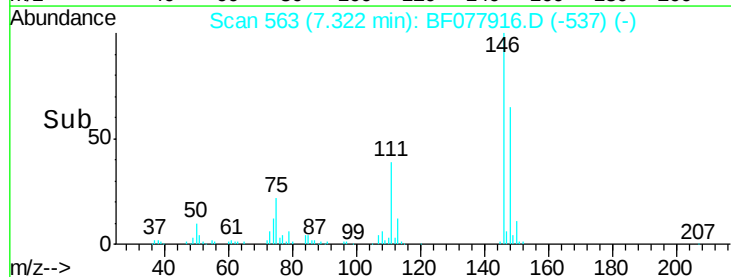
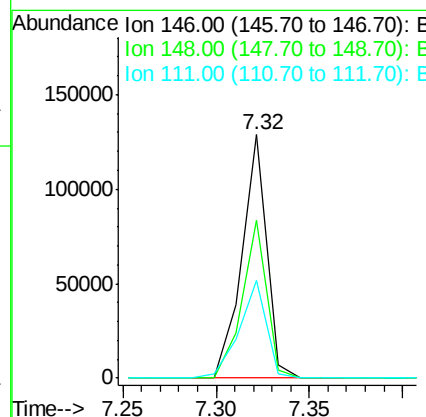
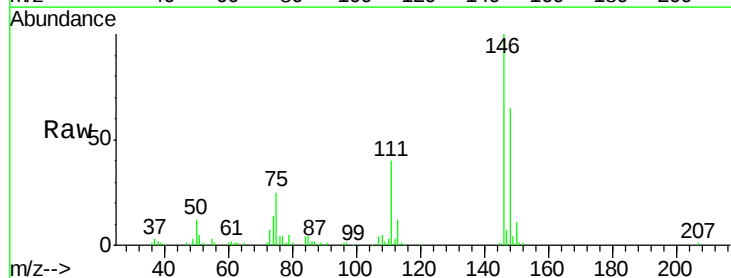
RT: 7.32 min Scan# 563

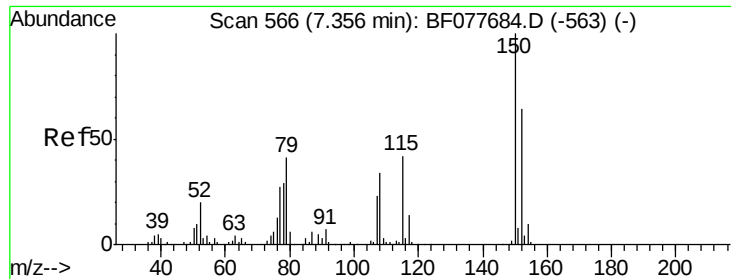
Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion:	146	Resp:	119942
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.3	78.5
111	40.3	30.6	45.8





#15

Benzyl Alcohol

Concen: 38.05 ng

RT: 7.31 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

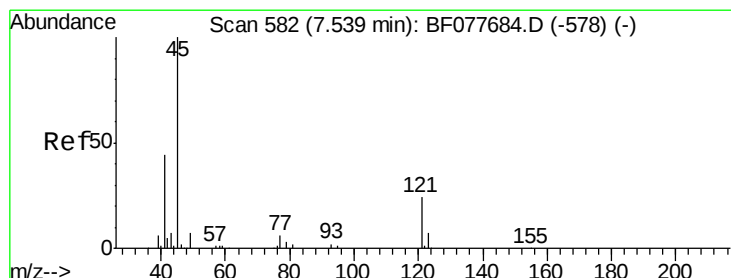
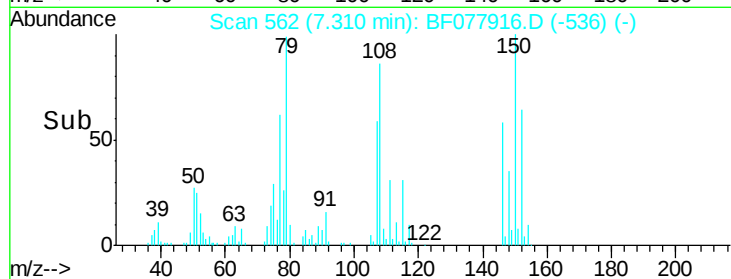
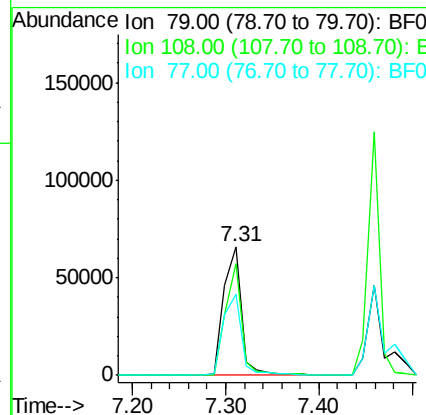
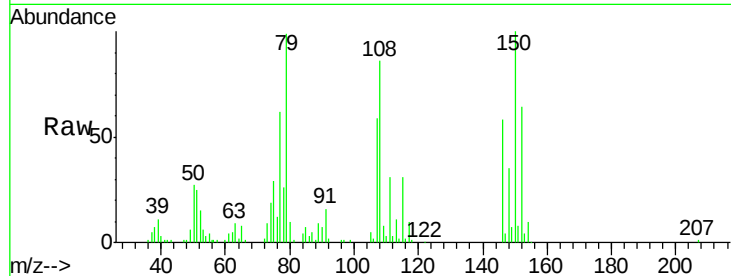
ClientSampleId :

PB82241BSD

Tgt Ion:	79	Resp:	87763
Ion Ratio	Lower	Upper	
79	100		
108	86.8	65.0	97.4
77	62.6	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.36 ng

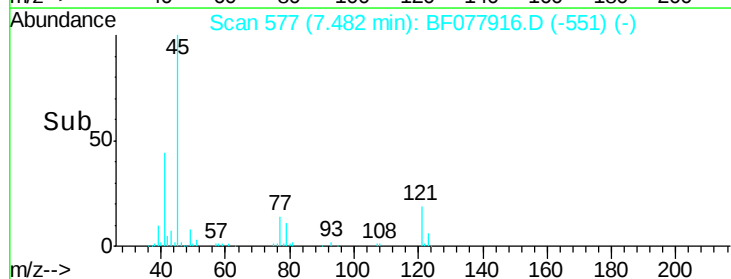
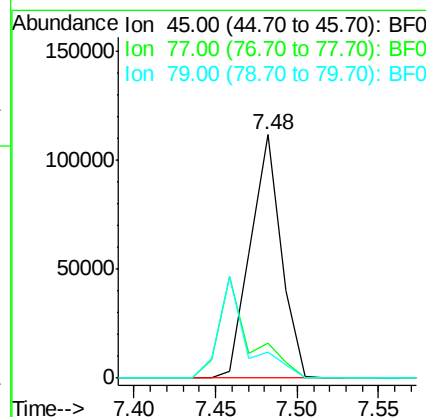
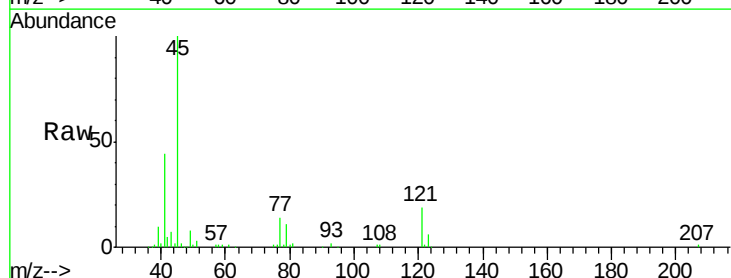
RT: 7.48 min Scan# 577

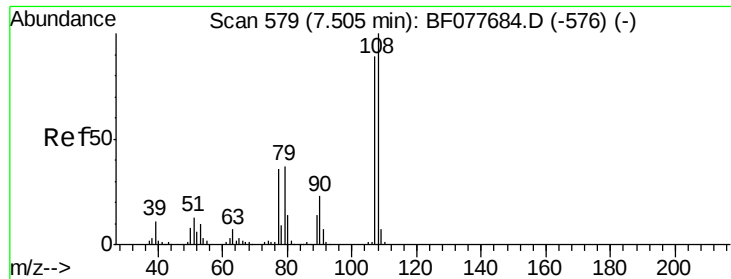
Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion:	45	Resp:	145802
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	35.2
79	10.9	0.0	32.0





#17

2-Methylphenol

Concen: 41.43 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF077916.D

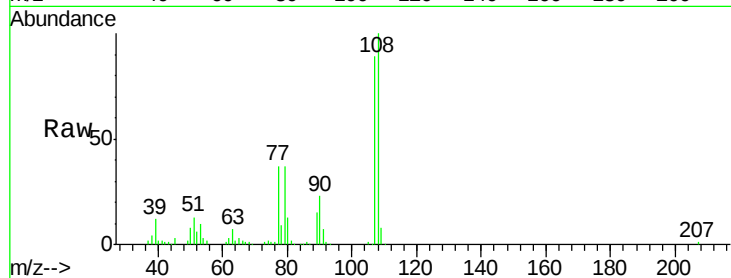
Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

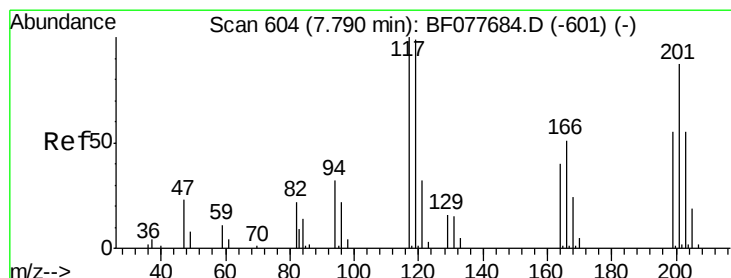
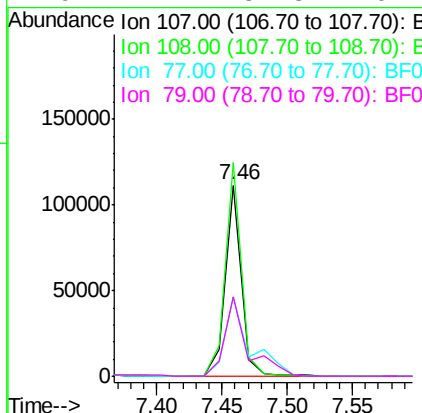
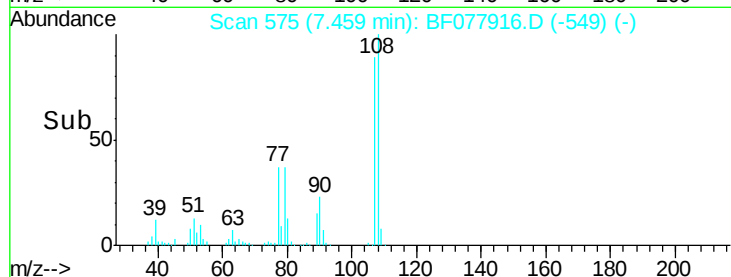
PB82241BSD



Tgt Ion:	107	Resp:	95994
Ion Ratio	Lower	Upper	
107	100		
108	111.9	89.8	134.8
77	41.6	32.6	48.8
79	41.7	32.8	49.2

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#18

Hexachloroethane

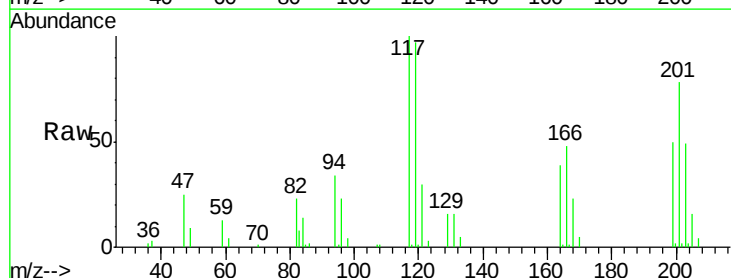
Concen: 39.65 ng

RT: 7.73 min Scan# 599

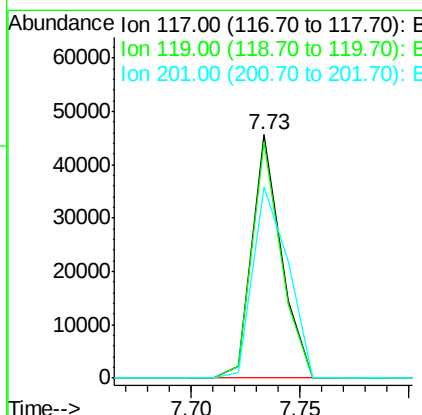
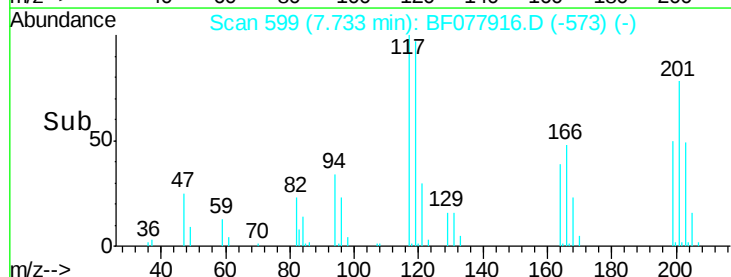
Delta R.T. -0.00 min

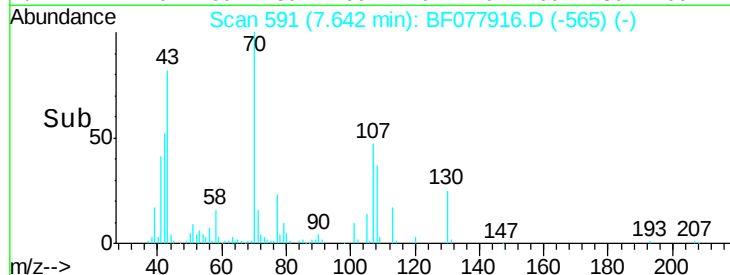
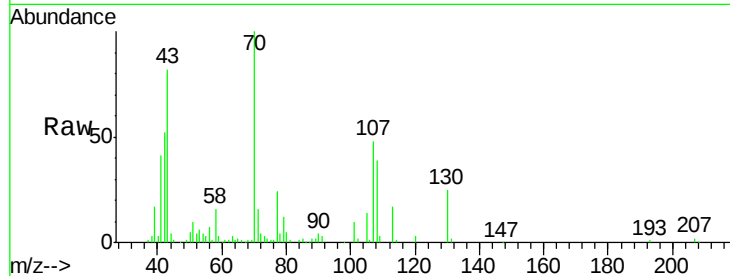
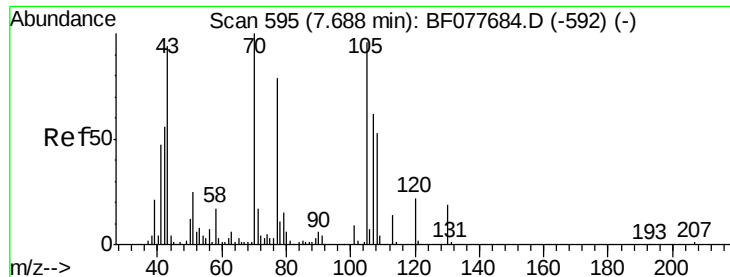
Lab File: BF077916.D

Acq: 24 Mar 2015 17:27



Tgt Ion:	117	Resp:	42778
Ion Ratio	Lower	Upper	
117	100		
119	96.7	79.2	118.8
201	78.3	69.8	104.6





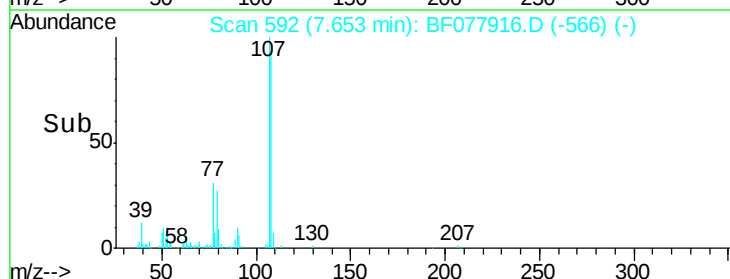
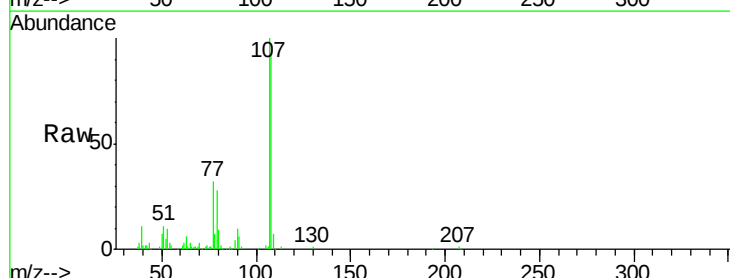
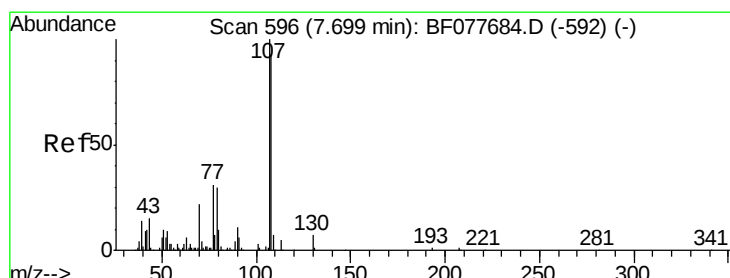
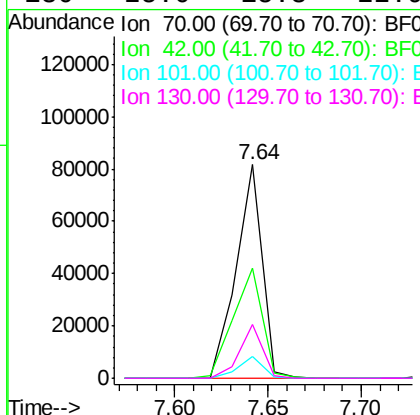
#19
n-Nitroso-di-n-propylamine
Concen: 39.04 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

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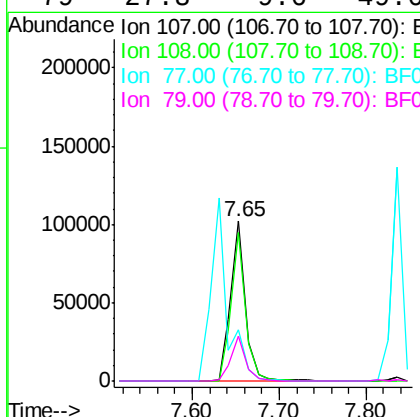
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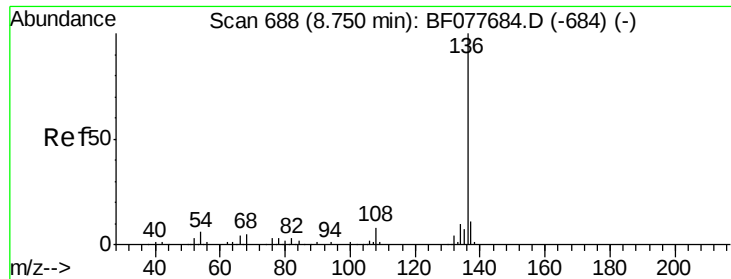
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.8	44.5	66.7	
101	10.3	7.4	11.2	
130	25.0	15.3	22.9	



#20
3+4-Methylphenols
Concen: 39.70 ng
RT: 7.65 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.8	73.2	113.2	
77	31.9	10.7	50.7	
79	27.8	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: BF077916.D

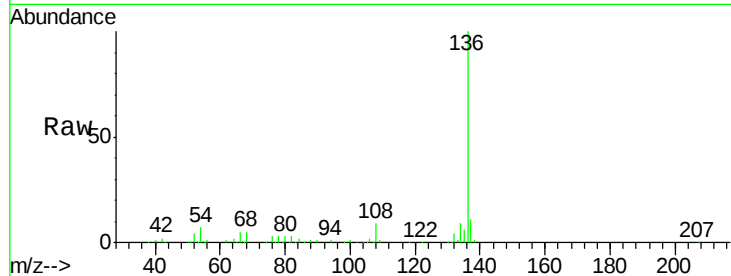
Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD



Tgt Ion:136 Resp: 173890

Ion Ratio Lower Upper

136 100

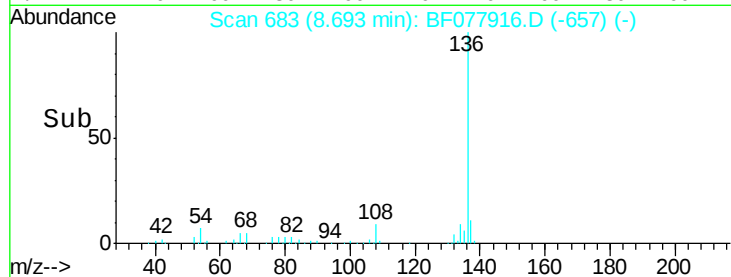
137 10.9 8.7 13.1

54 6.9 4.6 6.8#

68 5.3 3.7 5.5

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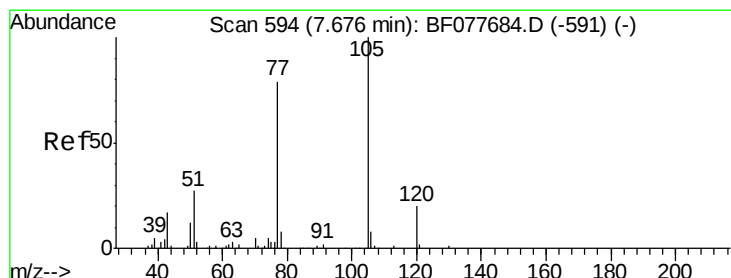
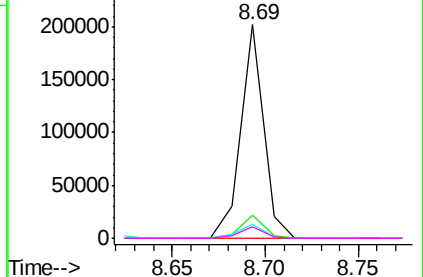
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



#22

Acetophenone

Concen: 41.28 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion:105 Resp: 158927

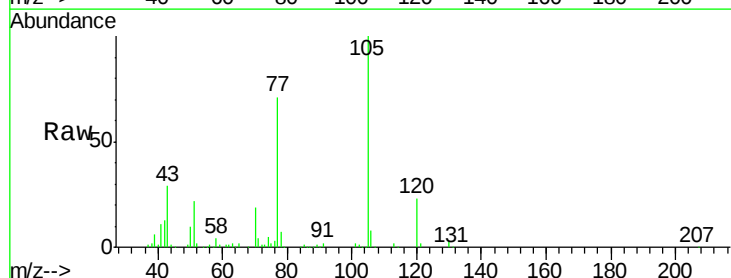
Ion Ratio Lower Upper

105 100

71 3.6 0.6 1.0#

51 22.3 21.6 32.4

120 22.6 16.1 24.1



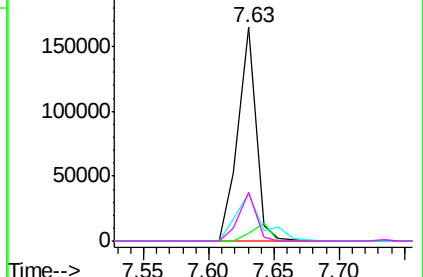
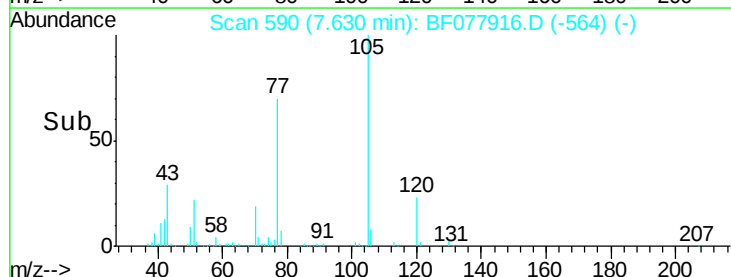
Abundance Ion 105.00 (104.70 to 105.70): E

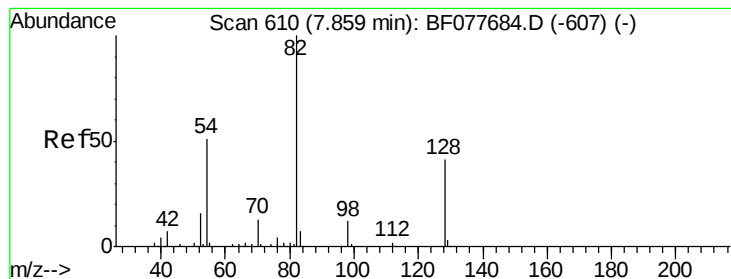
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->





#23

Nitrobenzene-d5

Concen: 71.38 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

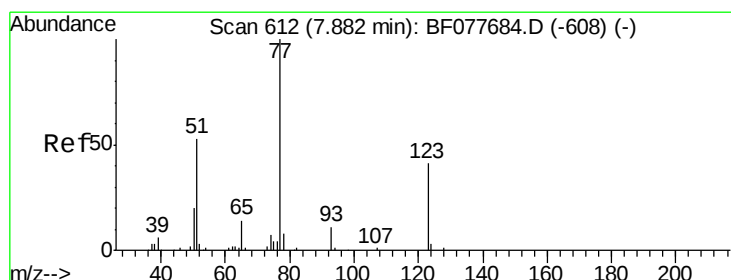
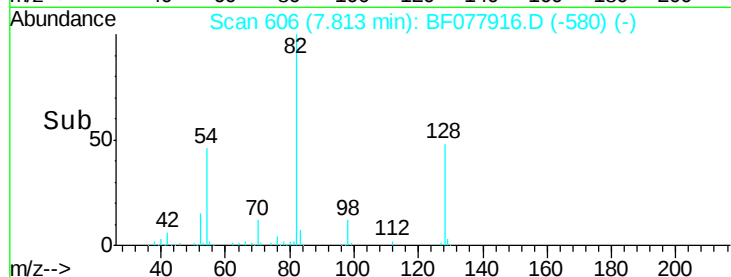
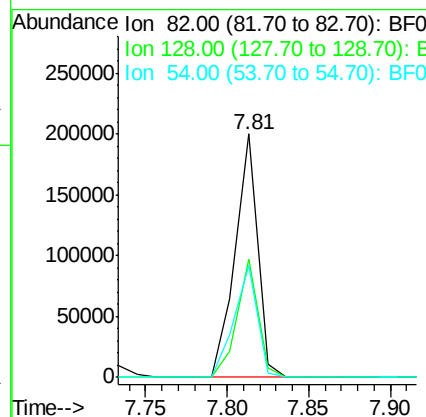
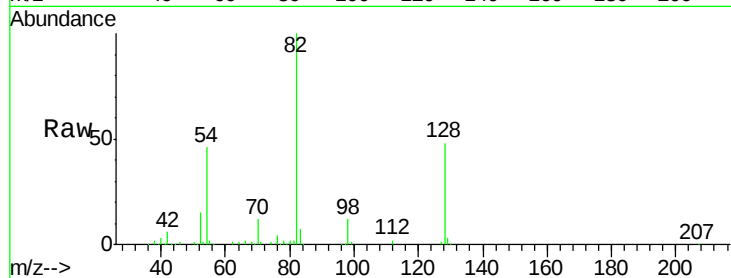
ClientSampleId :

PB82241BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	189354		
128	48.4	32.8	49.2	
54	46.1	40.6	60.8	

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#24

Nitrobenzene

Concen: 41.32 ng

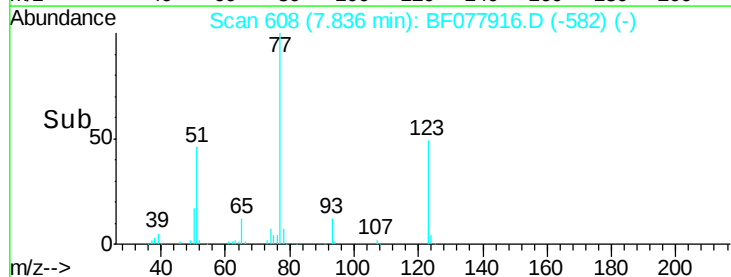
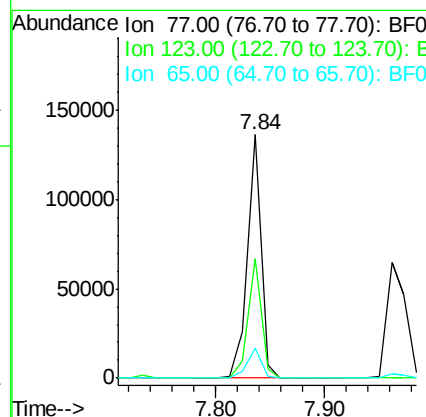
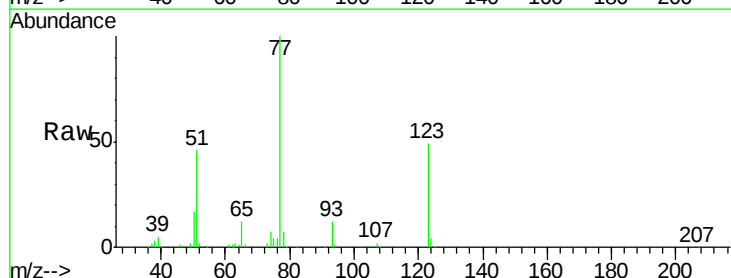
RT: 7.84 min Scan# 608

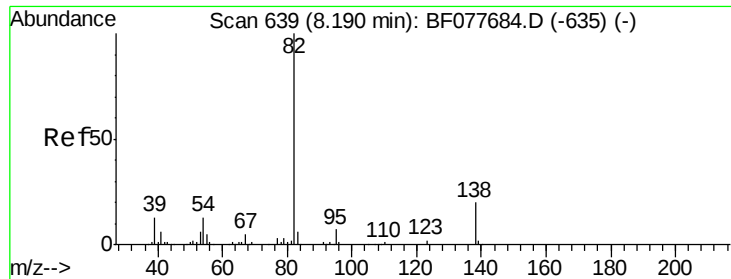
Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	118092		
123	48.9	32.6	49.0	
65	12.4	10.9	16.3	





#25

Isophorone

Concen: 38.90 ng

RT: 8.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF077916.D

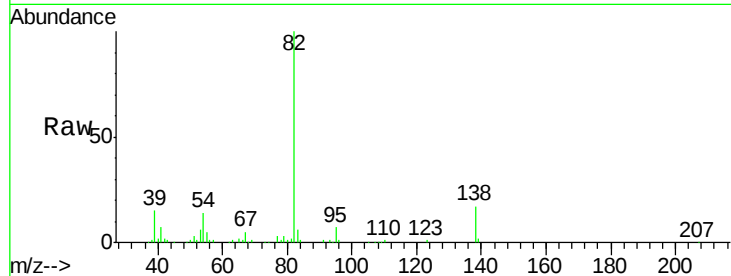
Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

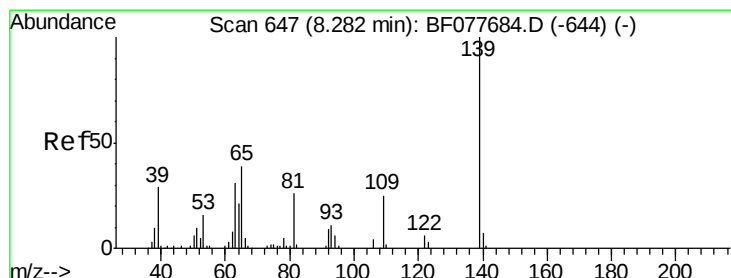
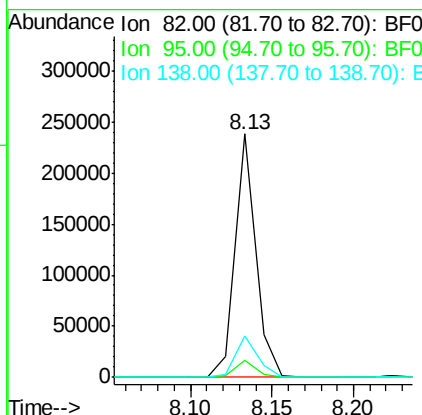
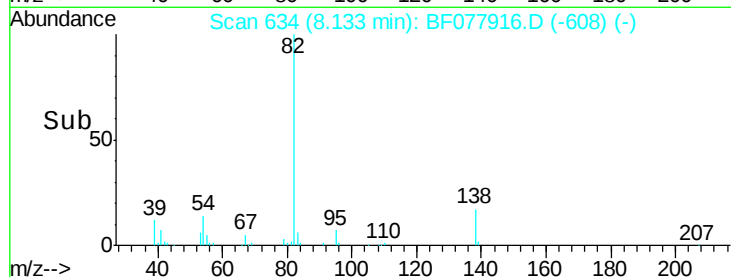
PB82241BSD



Tgt Ion:	82	Resp:	208395
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.8	8.6
138	17.2	16.3	24.5

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#26

2-Nitrophenol

Concen: 38.57 ng

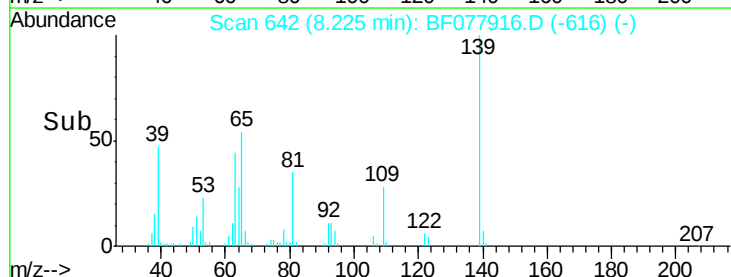
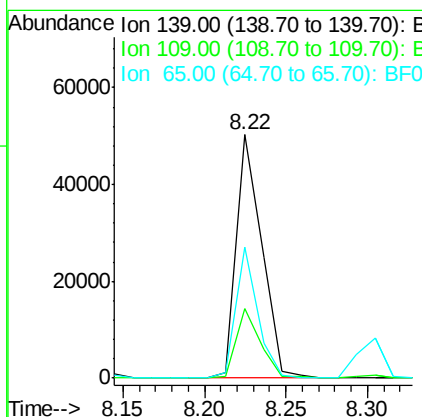
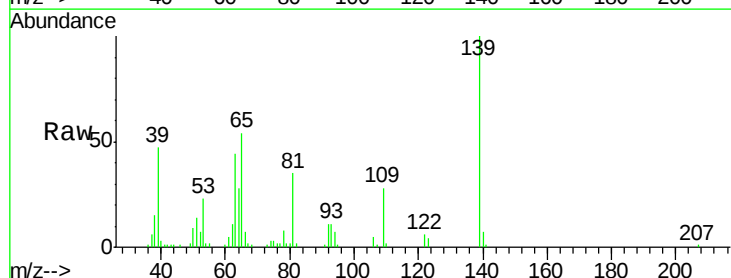
RT: 8.22 min Scan# 642

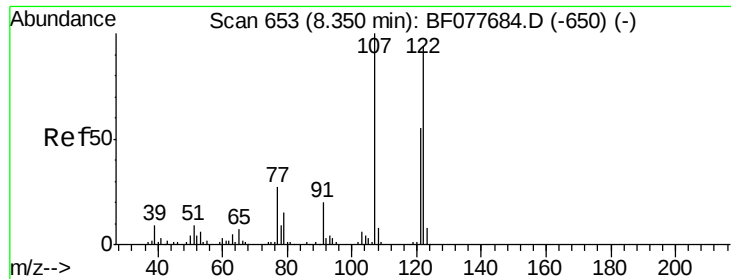
Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion:	139	Resp:	53969
Ion Ratio		Lower	Upper
139	100		
109	28.4	20.1	30.1
65	54.0	31.5	47.3#





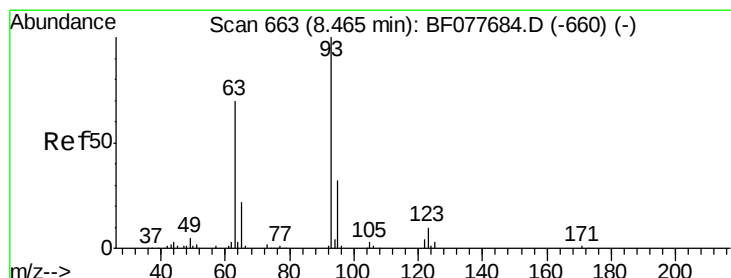
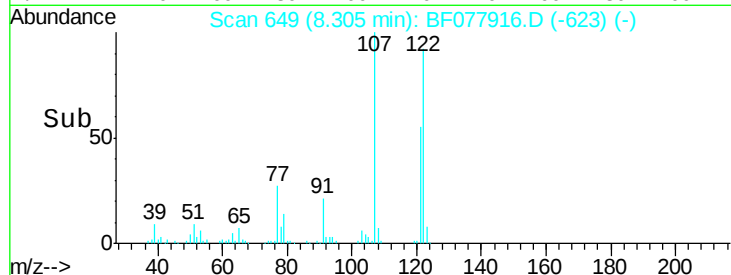
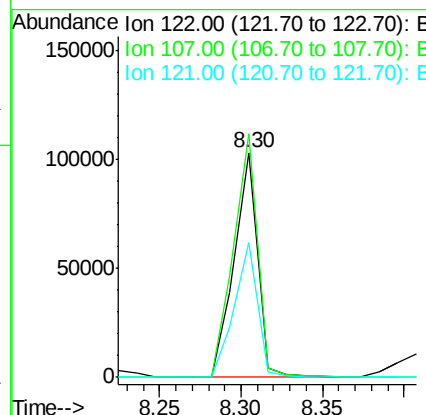
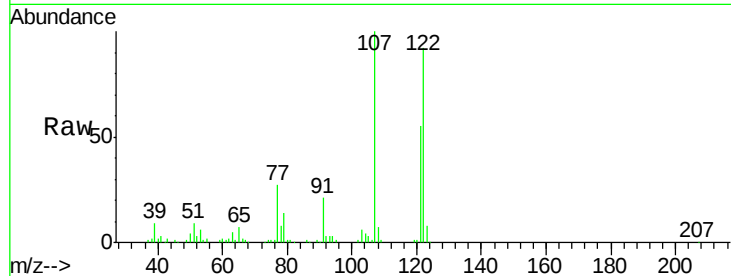
#27
 2,4-Dimethylphenol
 Concen: 40.11 ng
 RT: 8.30 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	102235		
107	108.2	84.7	127.1	
121	60.0	46.6	69.8	

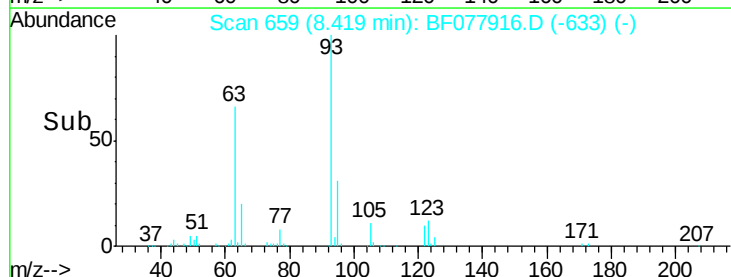
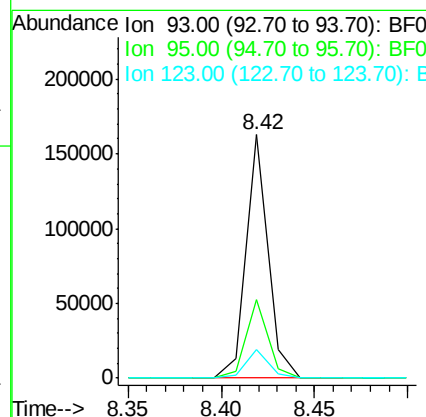
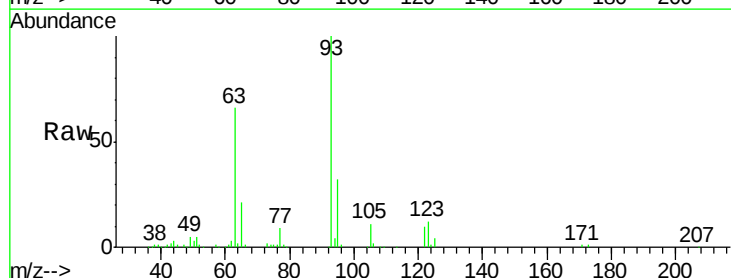
Manual Integrations
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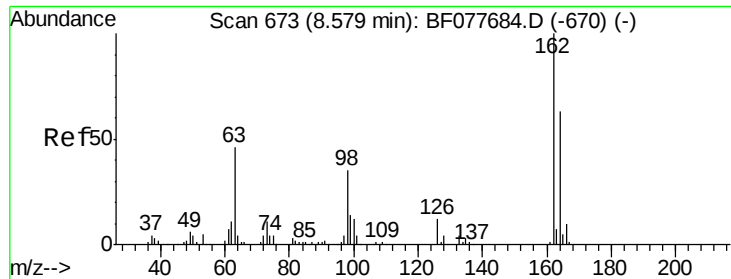
mohammad
 3/25/2015 5:01:12 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.37 ng
 RT: 8.42 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	134530		
95	32.1	25.5	38.3	
123	11.8	8.6	13.0	





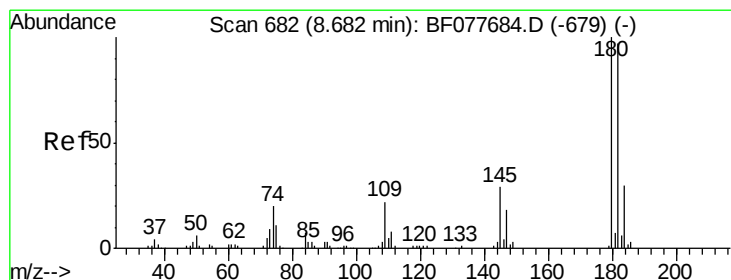
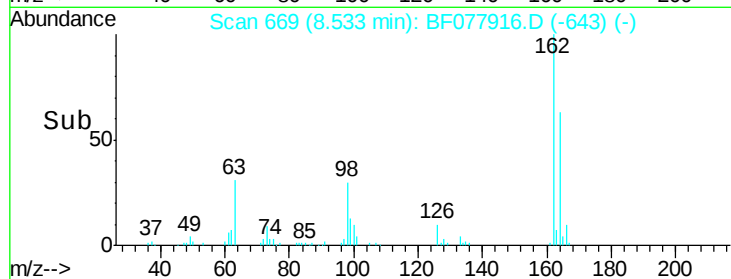
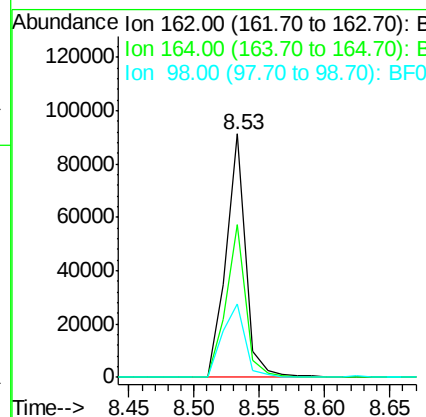
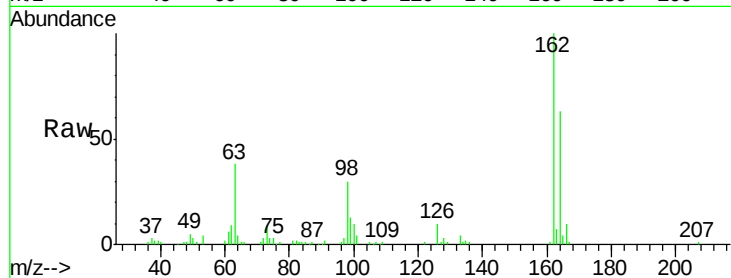
#29
2,4-Dichlorophenol
Concen: 39.68 ng
RT: 8.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.0	42.8	82.8
98	30.1	14.5	54.5

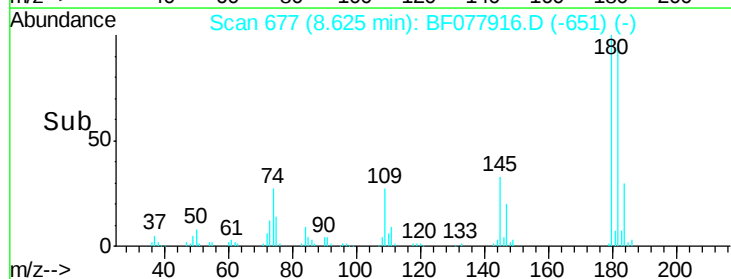
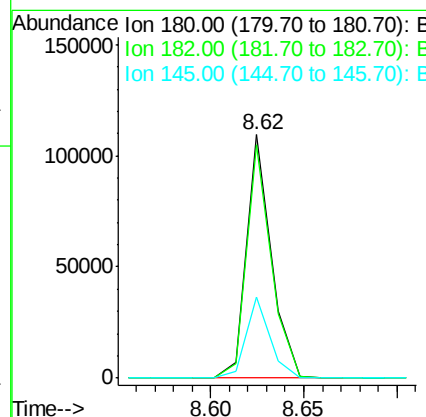
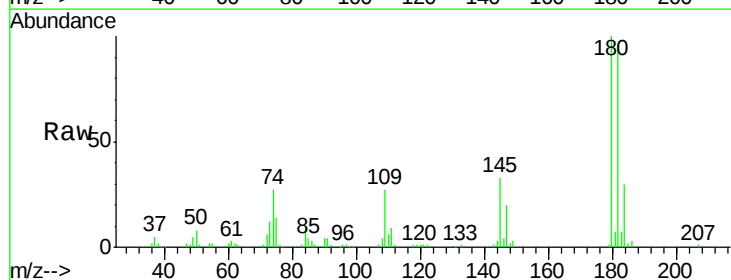
Manual Integrations
APPROVED

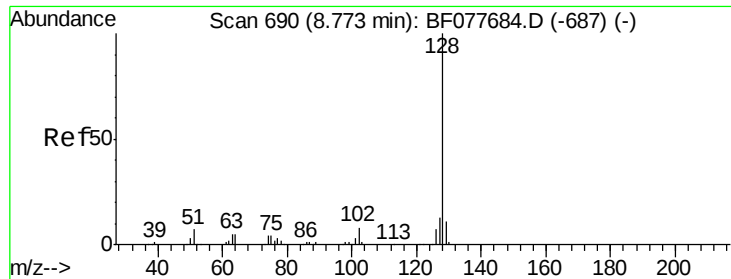
mohammad
3/25/2015 5:01:12 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.12 ng
RT: 8.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

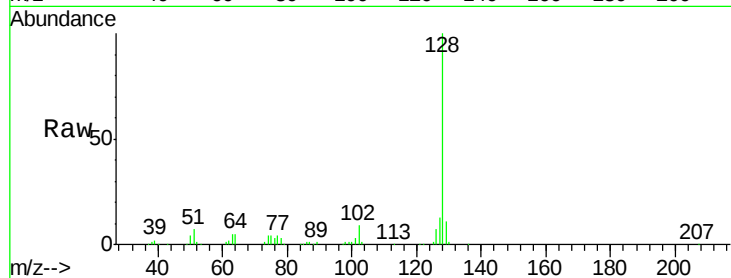
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	77.6	116.4
145	33.3	23.4	35.2





#31
Naphthalene
Concen: 37.59 ng
RT: 8.72 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

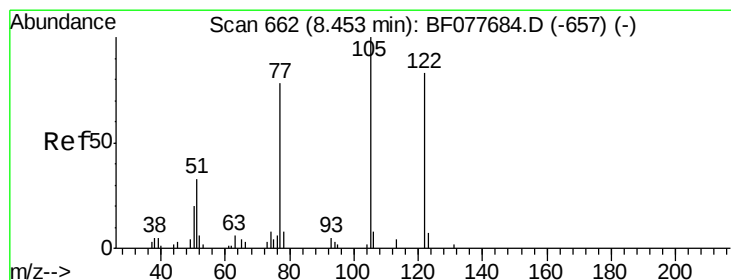
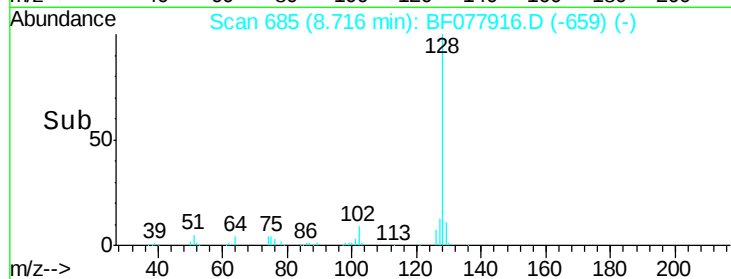
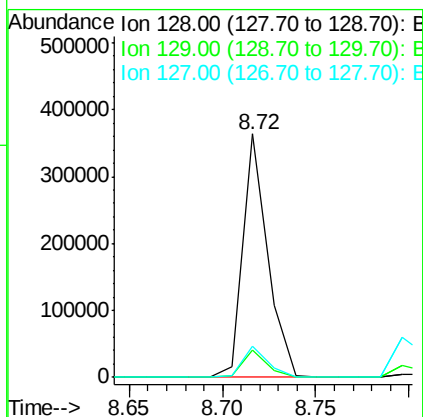
Instrument :
BNA_F
ClientSampleId :
PB82241BSD



Tgt Ion	Ratio	Resp	Lower	Upper
128	100	335706		
129	11.1	8.9	13.3	
127	12.8	10.4	15.6	

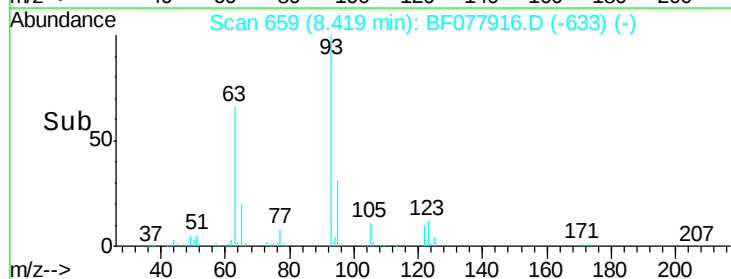
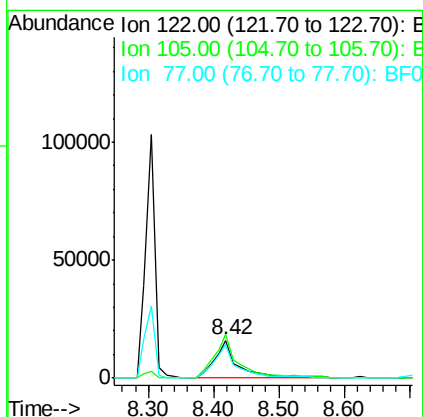
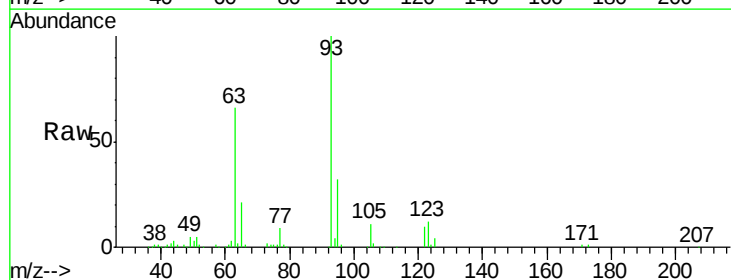
Manual Integrations
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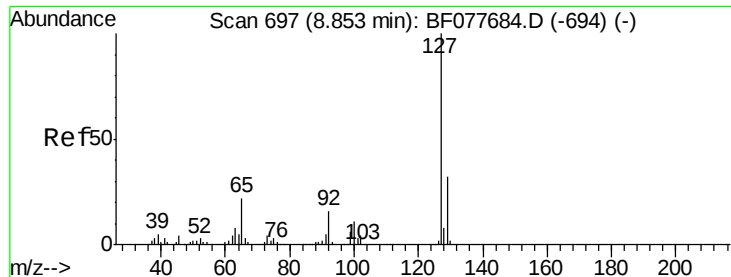
mohammad
3/25/2015 5:01:12 PM



#32
Benzoic acid
Concen: 30.11 ng
RT: 8.42 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	41065		
105	116.5	99.9	139.9	
77	90.1	73.7	113.7	





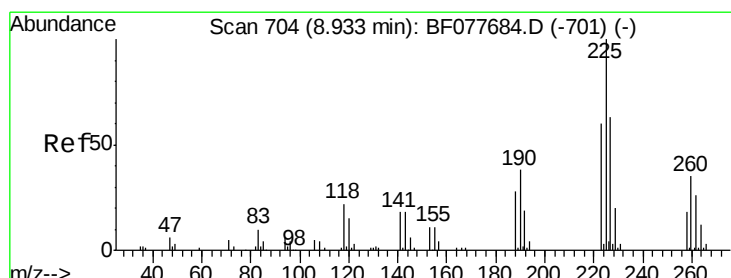
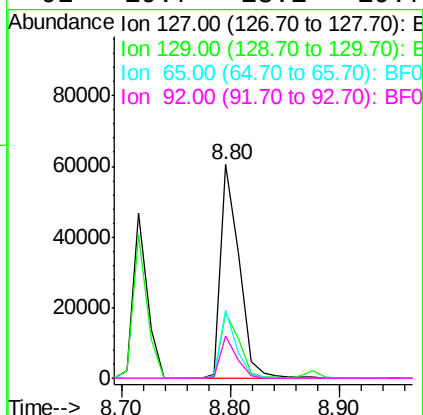
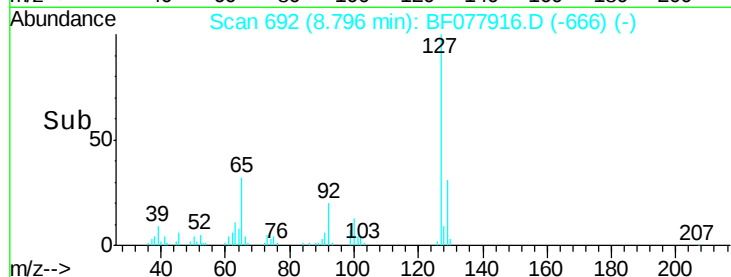
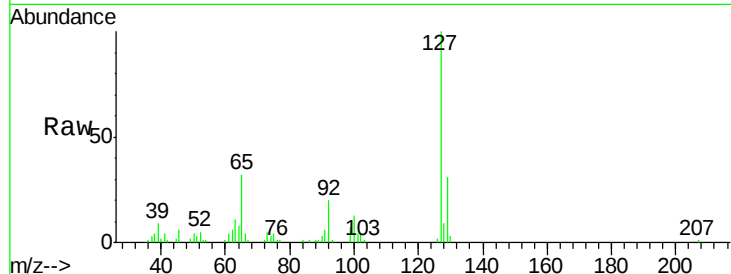
#33
4-Chloroaniline
Concen: 19.94 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	72255		
129	30.6	25.3	37.9	
65	31.7	17.6	26.4	
92	19.7	13.1	19.7	

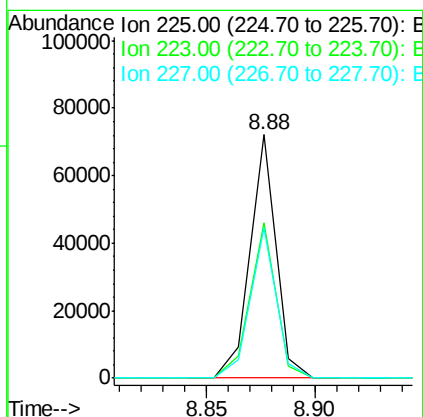
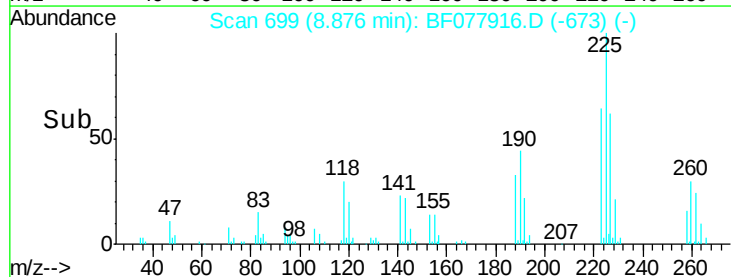
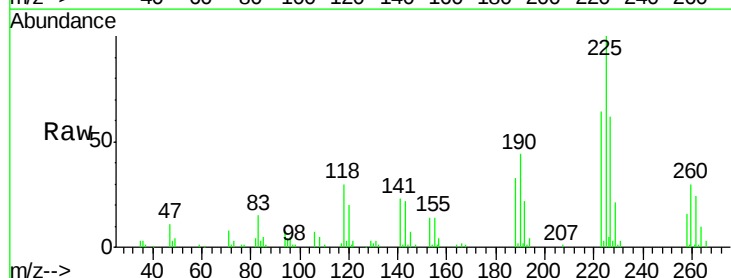
Manual Integrations
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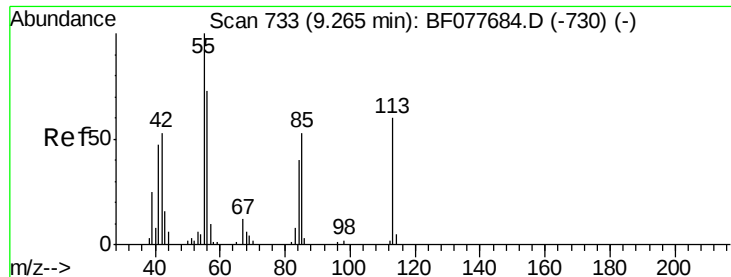
mohammad
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#34
Hexachlorobutadiene
Concen: 38.86 ng
RT: 8.88 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59873		
223	64.0	47.9	71.9	
227	61.8	50.1	75.1	





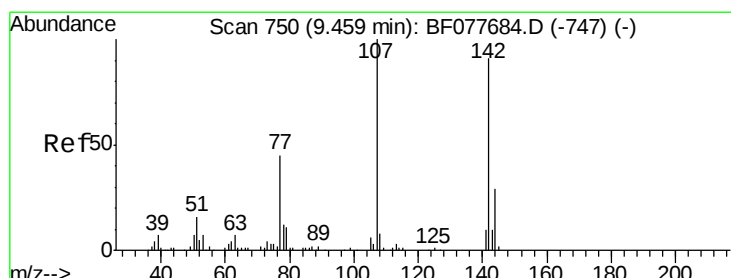
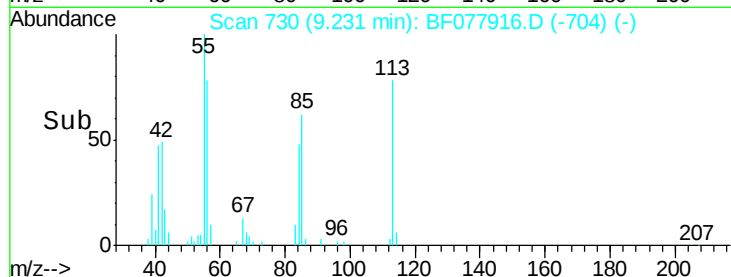
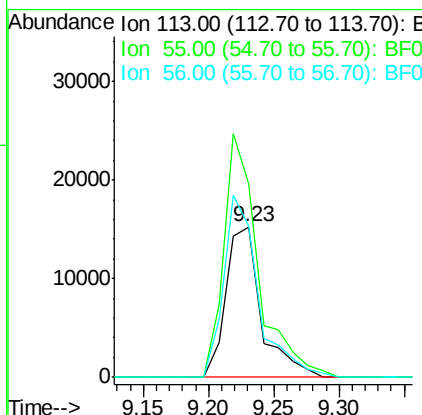
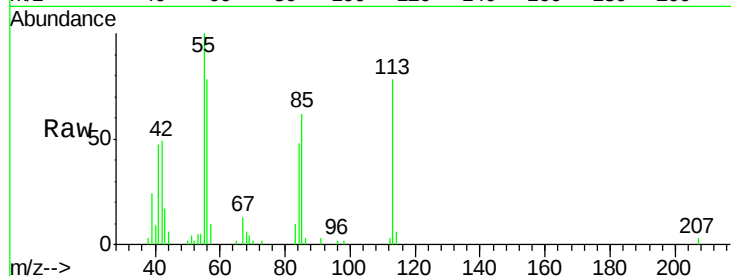
#35
 Caprolactam
 Concen: 40.46 ng
 RT: 9.23 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	129.0	145.9	185.9#
56	100.2	101.0	141.0#

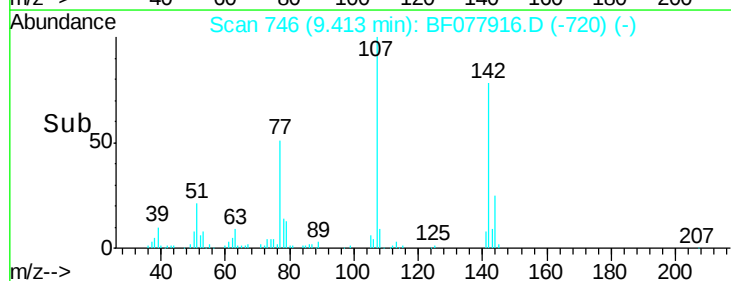
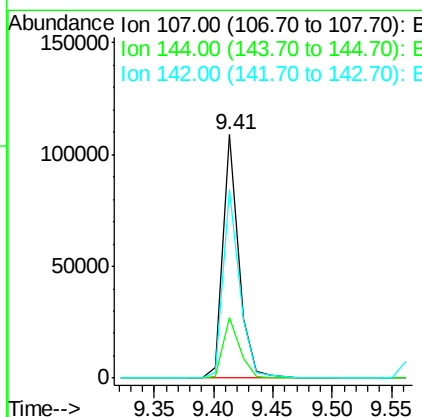
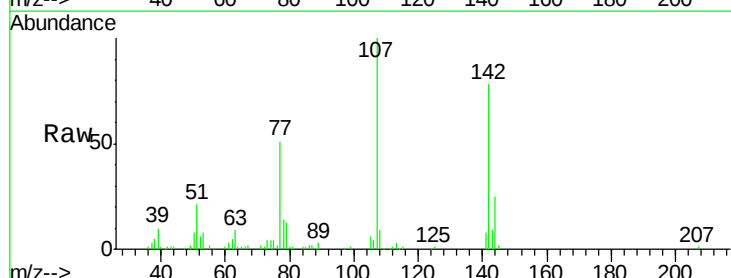
Manual Integrations
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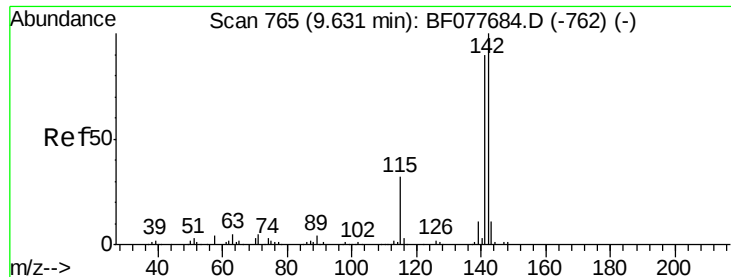
mohammad
 3/25/2015 5:01:12 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.02 ng
 RT: 9.41 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	23.3	34.9
142	77.7	72.6	109.0





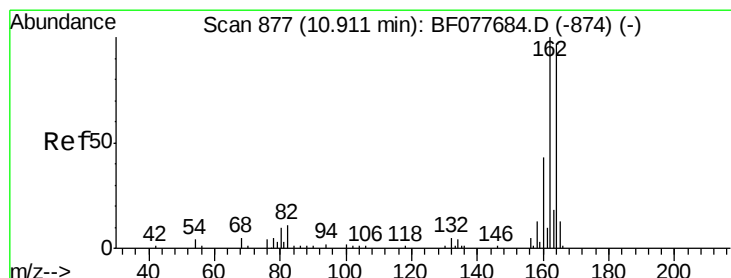
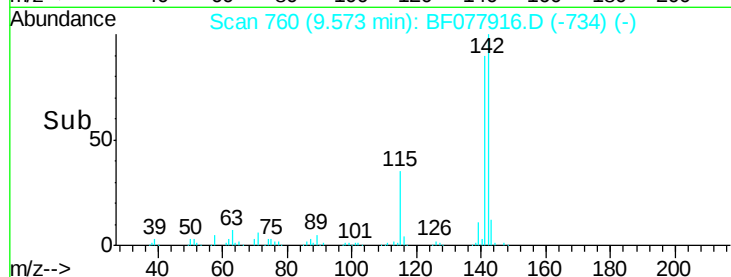
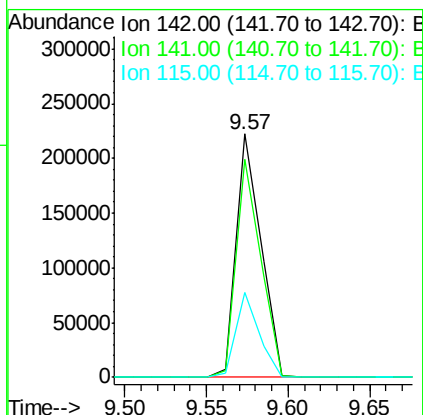
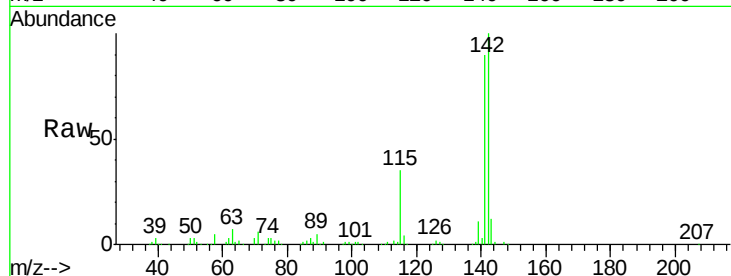
#37
2-Methylnaphthalene
Concen: 38.62 ng
RT: 9.57 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	34.9	25.4	38.0

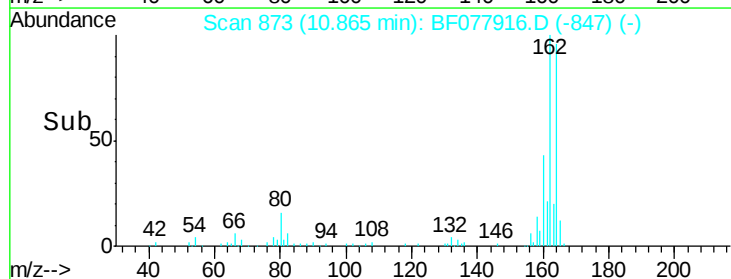
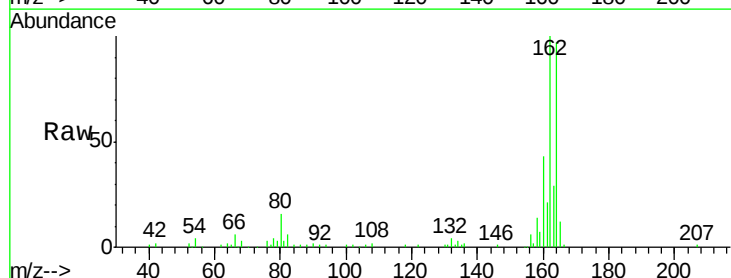
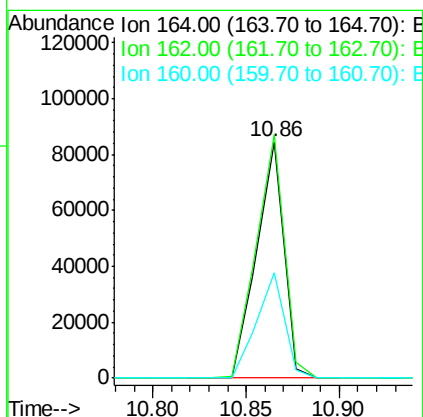
Manual Integrations
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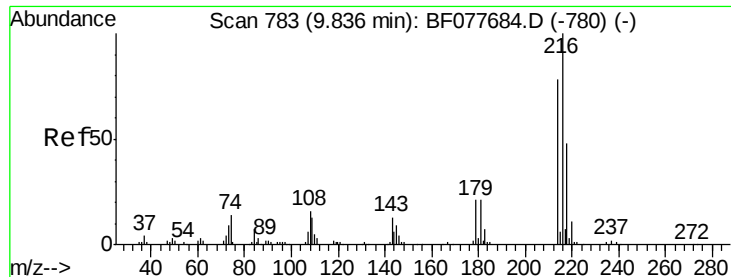
mohammad
3/25/2015 5:01:12 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.4	123.6
160	44.6	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.03 ng

RT: 9.78 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF077916.D

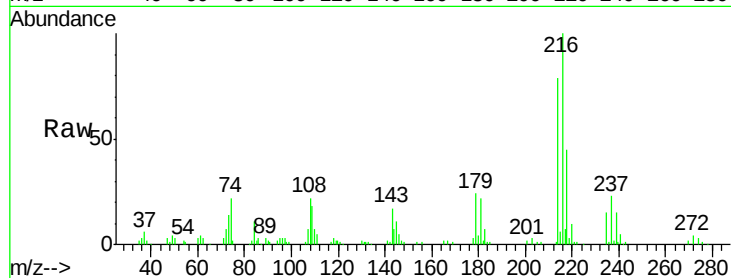
Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD



Tgt Ion: 216 Resp: 99586

Ion Ratio Lower Upper

216 100

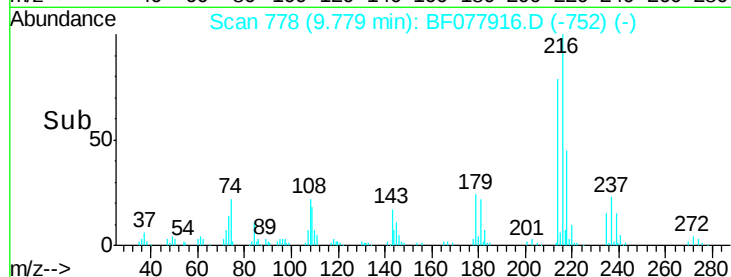
214 77.6 0.0 0.0#

179 21.9 0.0 0.0#

108 22.1 0.0 0.0#

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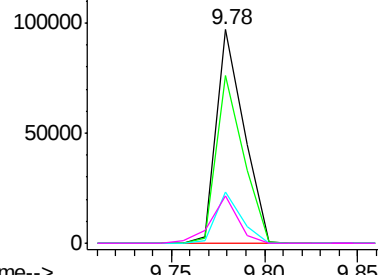


Abundance Ion 216.00 (215.70 to 216.70): E

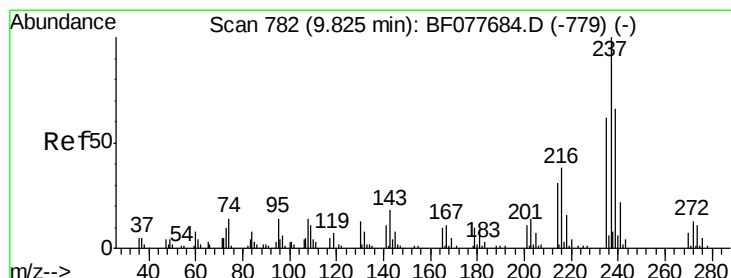
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 79.32 ng

RT: 9.77 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

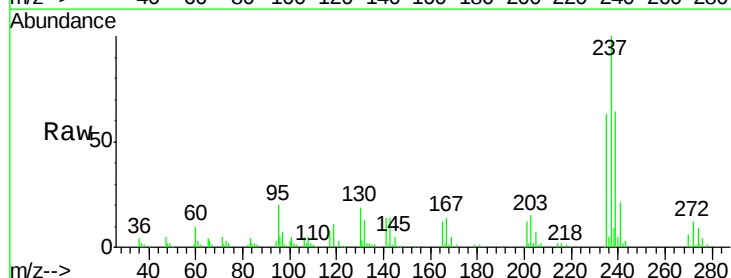
Tgt Ion: 237 Resp: 101282

Ion Ratio Lower Upper

237 100

235 63.2 42.0 82.0

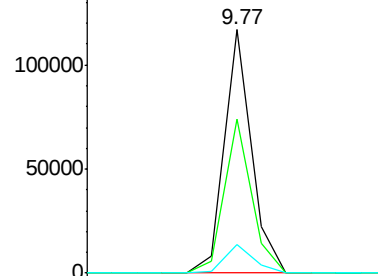
272 11.5 0.0 33.4



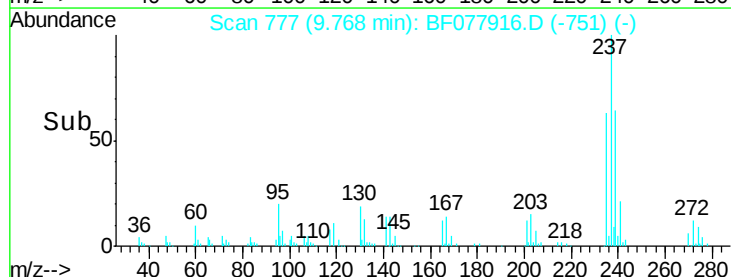
Abundance Ion 236.80 (236.50 to 237.50): E

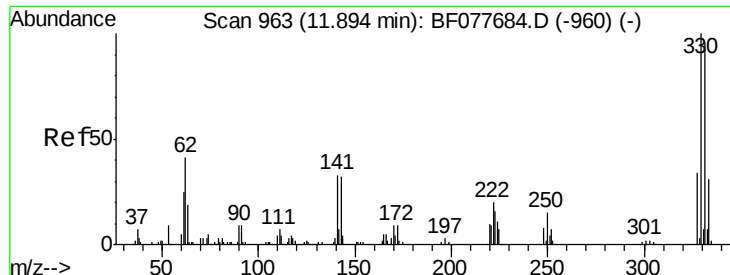
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





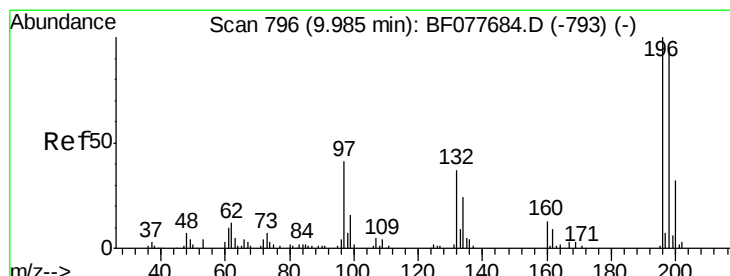
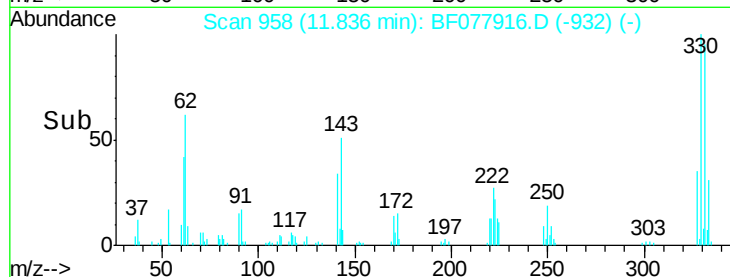
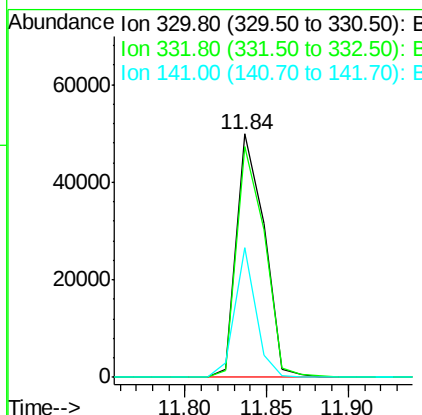
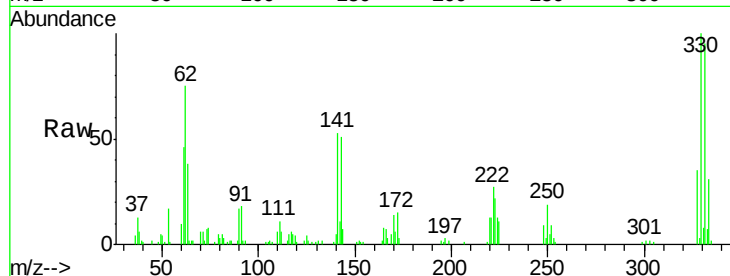
#41
 2,4,6-Tribromophenol
 Concen: 71.62 ng
 RT: 11.84 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	40.5	0.0	0.0#

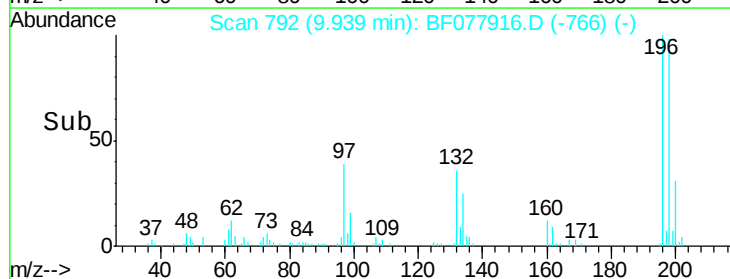
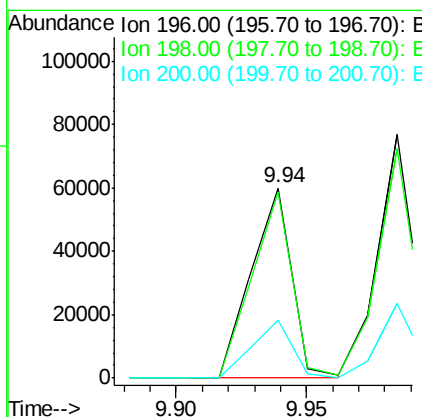
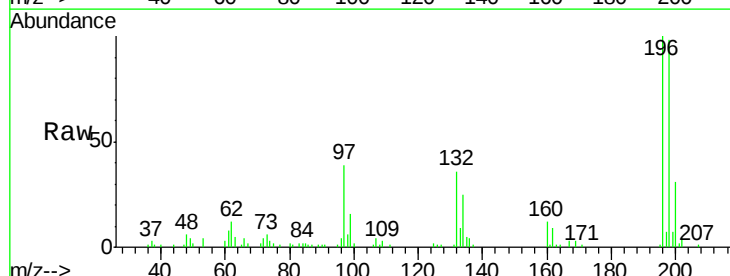
Manual Integrations
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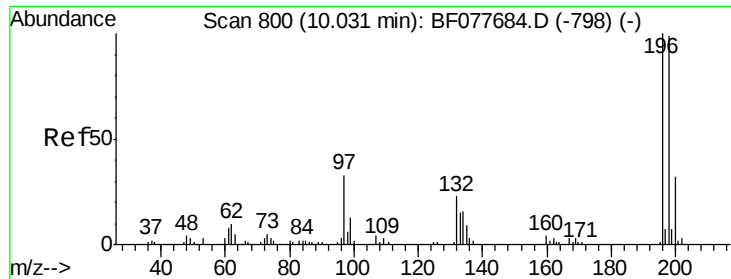
mohammad
 3/25/2015 5:01:12 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.94 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

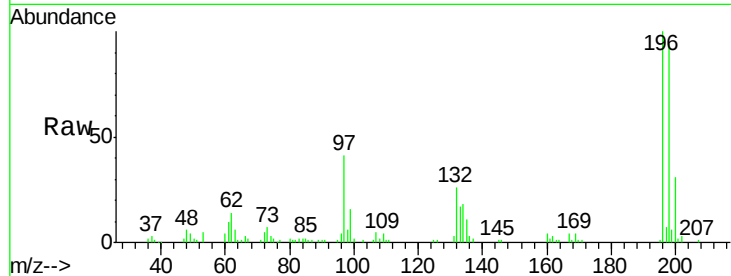
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.7	76.3	114.5
200	30.8	25.6	38.4





#43
 2,4,5-Trichlorophenol
 Concen: 39.30 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

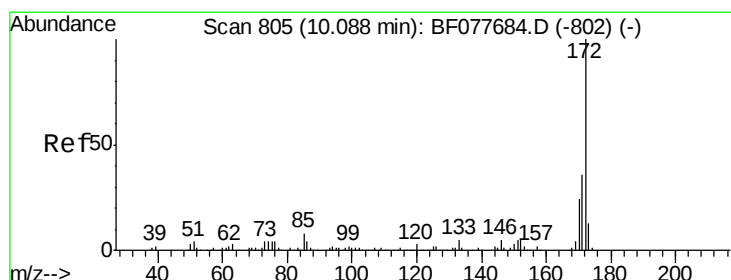
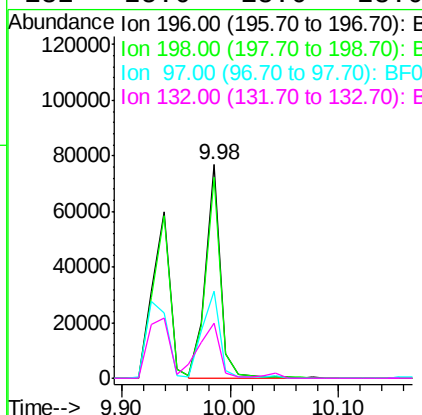
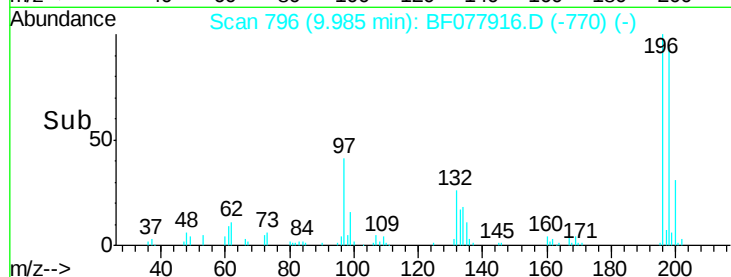
Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD



Tgt Ion:	196	Resp:	75045
Ion Ratio	Lower	Upper	
196	100		
198	94.4	79.4	119.0
97	41.0	26.8	40.2#
132	25.6	18.6	28.0

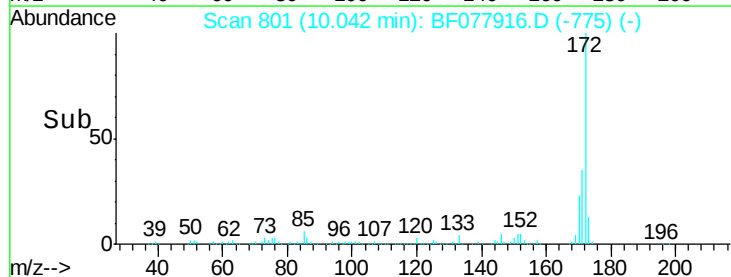
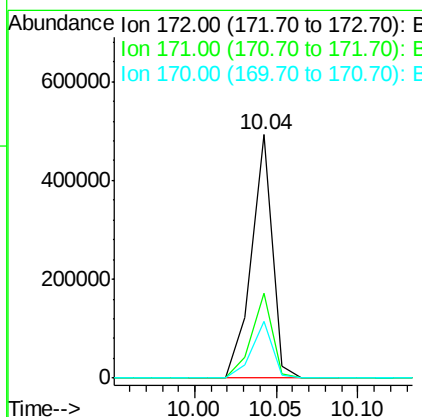
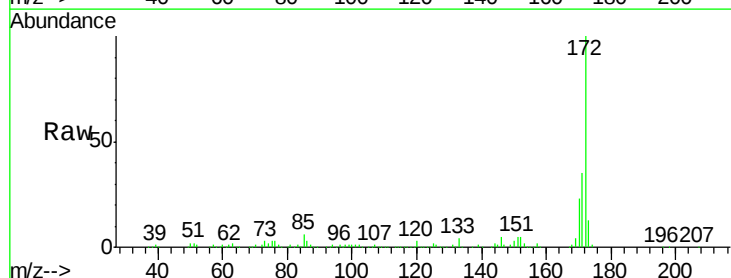
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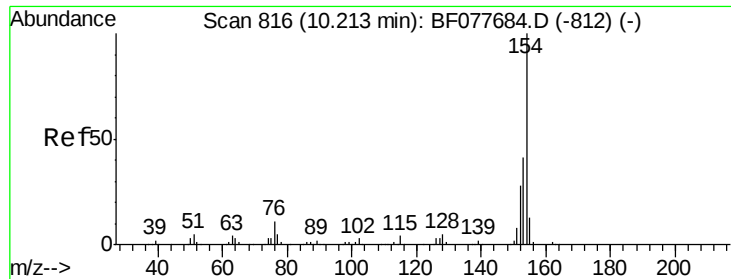
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 75.38 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:	172	Resp:	438781
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.5	42.7
170	23.2	18.8	28.2





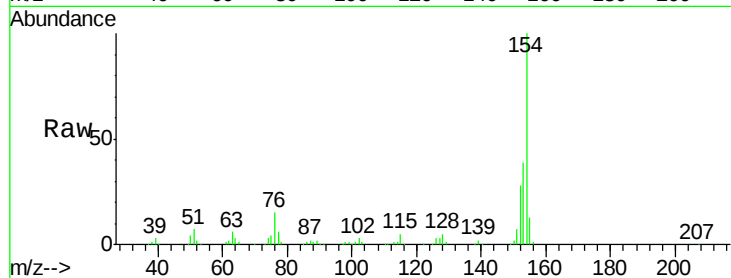
#45
 1,1'-Biphenyl
 Concen: 40.08 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

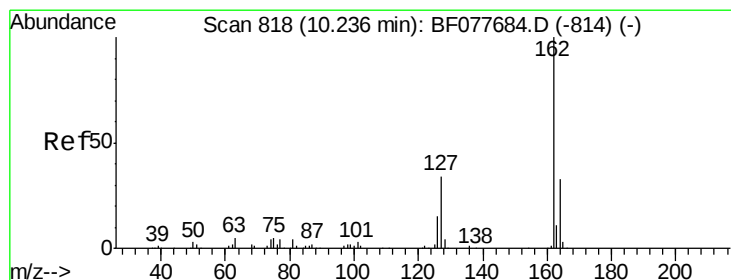
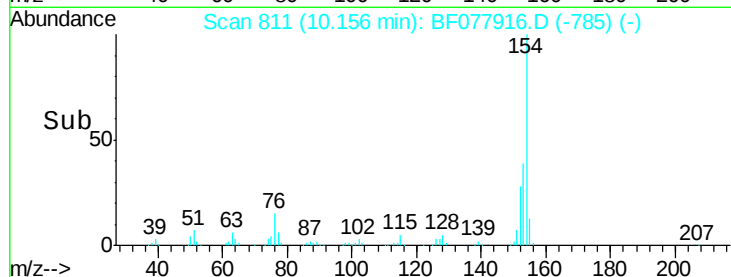
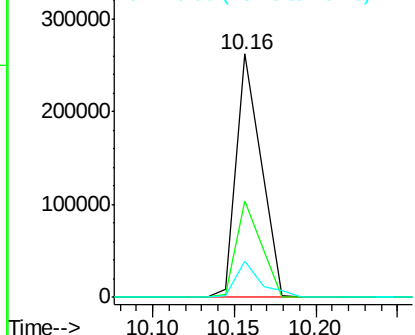
Tgt Ion:	154	Resp:	274117
Ion Ratio	Lower	Upper	
154	100		
153	39.5	20.7	60.7
76	14.7	0.0	30.9

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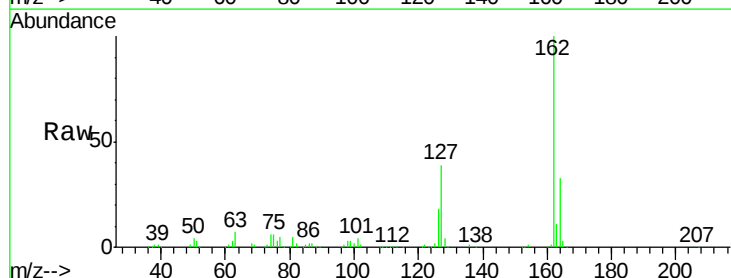


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

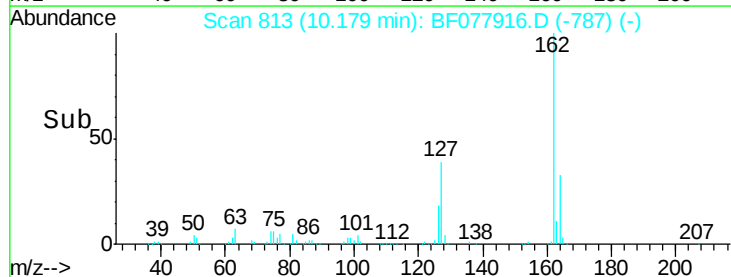
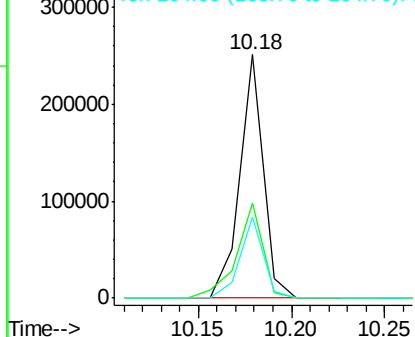


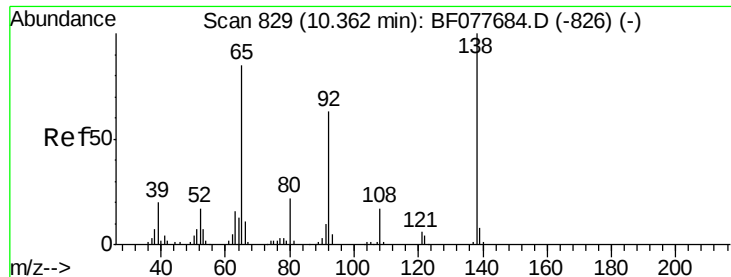
#46
 2-Chloronaphthalene
 Concen: 39.81 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion:	162	Resp:	221239
Ion Ratio	Lower	Upper	
162	100		
127	38.9	26.9	40.3
164	33.5	26.8	40.2



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





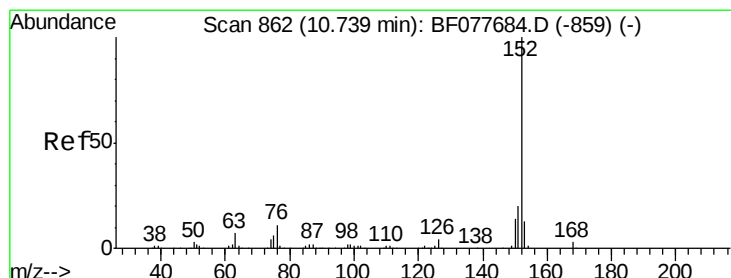
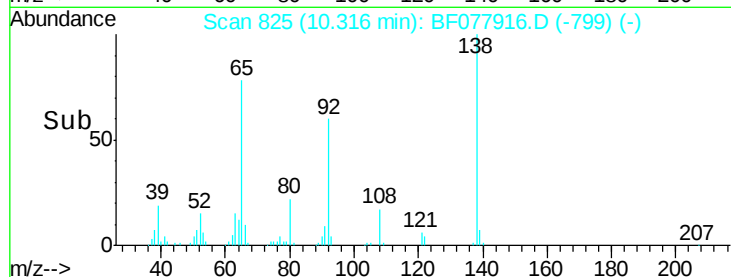
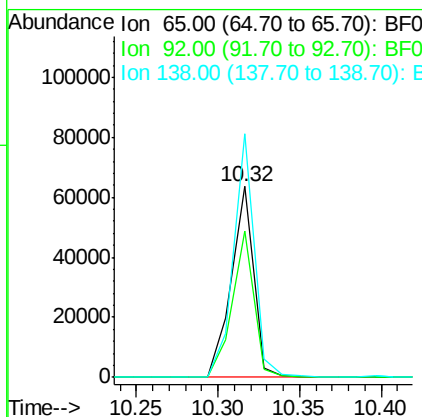
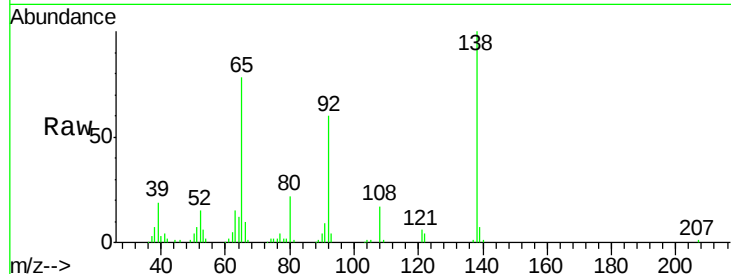
#47
2-Nitroaniline
Concen: 43.48 ng
RT: 10.32 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampled :
PB82241BSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	60012		
92	76.8	59.1	88.7	
138	127.5	93.9	140.9	

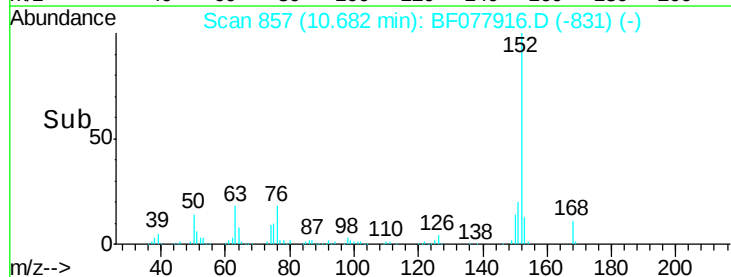
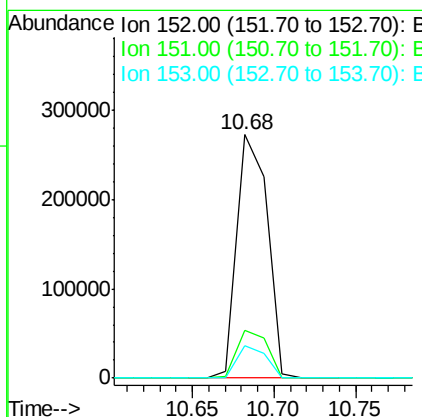
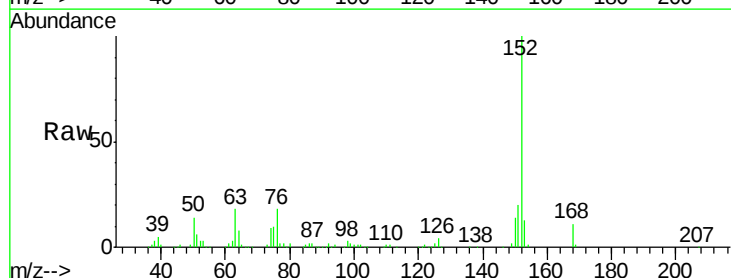
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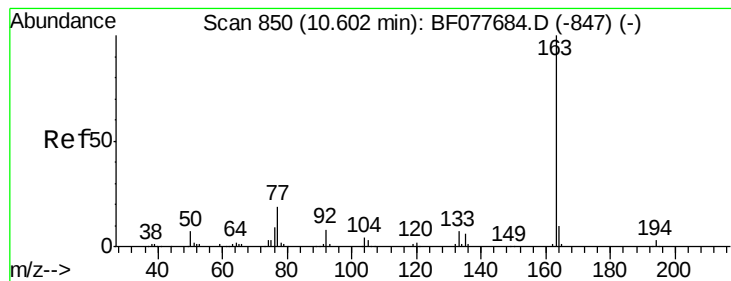
mohammad
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#48
Acenaphthylene
Concen: 37.92 ng
RT: 10.68 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	350494		
151	19.8	15.9	23.9	
153	13.3	10.6	16.0	





#49

Dimethylphthalate

Concen: 41.84 ng

RT: 10.56 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

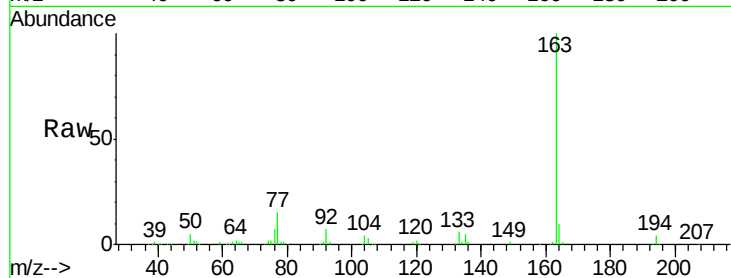
ClientSampleId :

PB82241BSD

Tgt Ion:	163	Resp:	265493
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2

Manual Integrations
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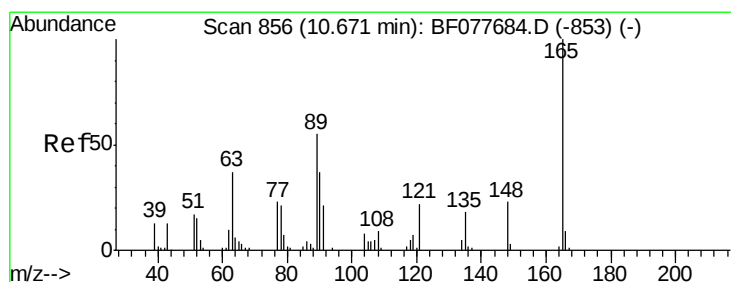
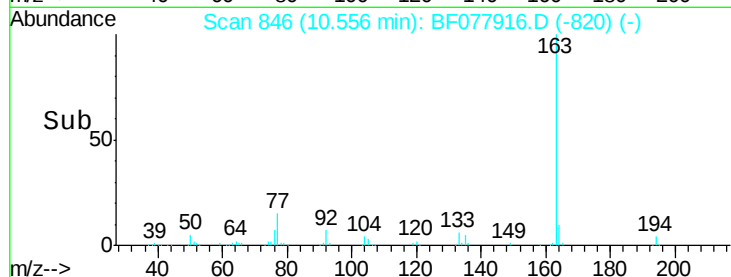
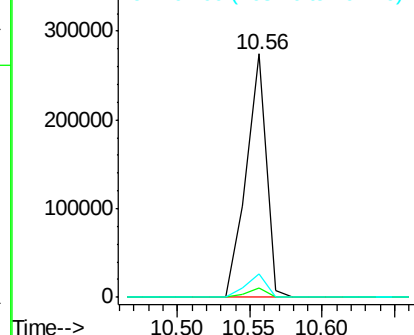
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.49 ng

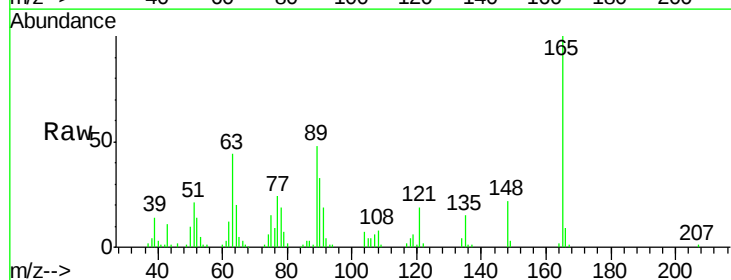
RT: 10.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

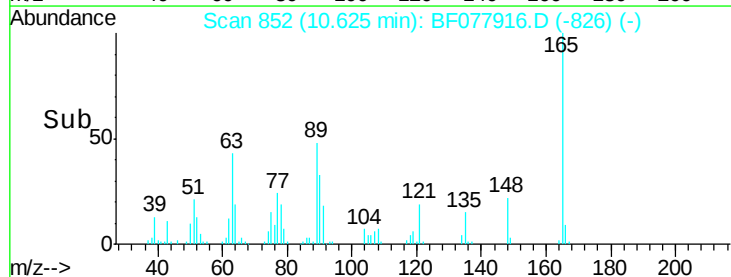
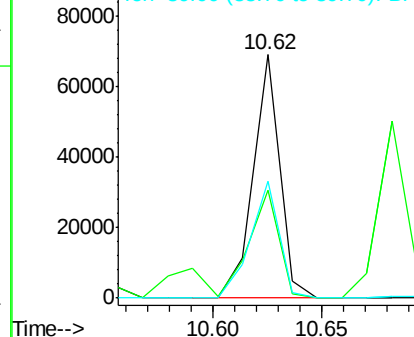
Tgt Ion:	165	Resp:	58520
Ion Ratio	Lower	Upper	
165	100		
63	44.3	44.1	66.1
89	48.0	44.3	66.5

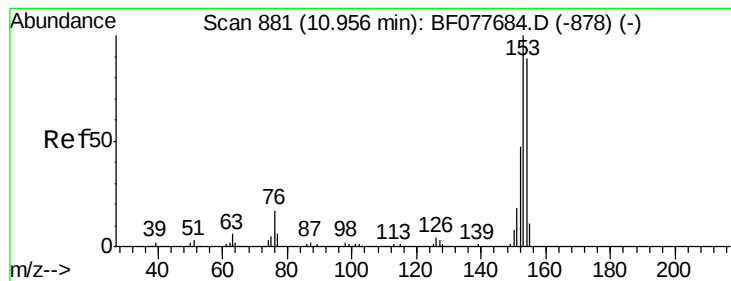


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.18 ng

RT: 10.90 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF077916.D

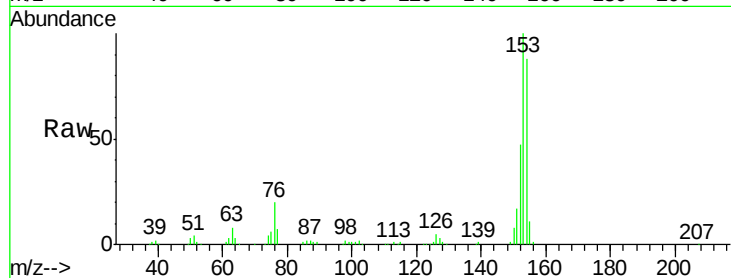
Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD



Tgt Ion:154 Resp: 197030

Ion Ratio Lower Upper

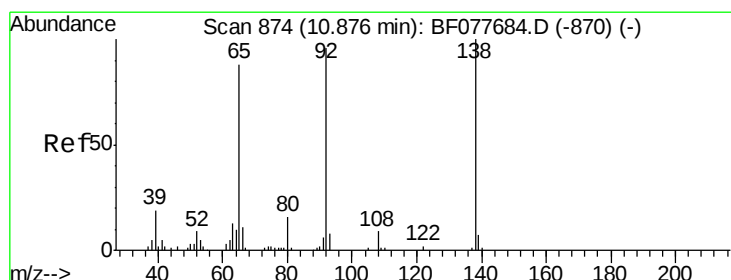
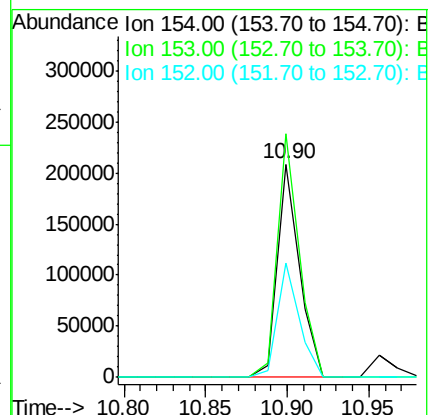
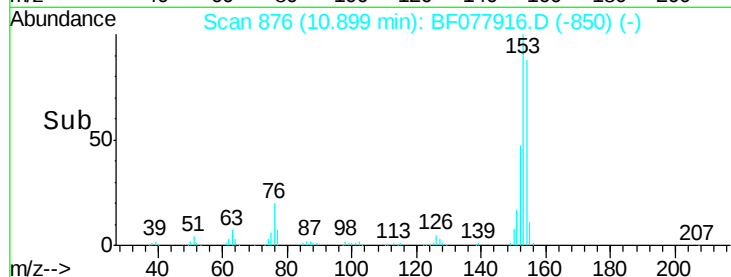
154 100

153 114.0 90.0 135.0

152 53.4 42.6 63.8

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#52

3-Nitroaniline

Concen: 25.94 ng

RT: 10.82 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

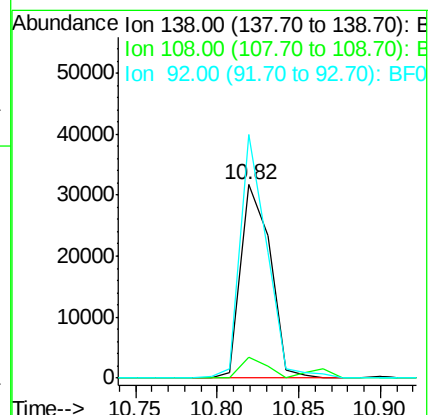
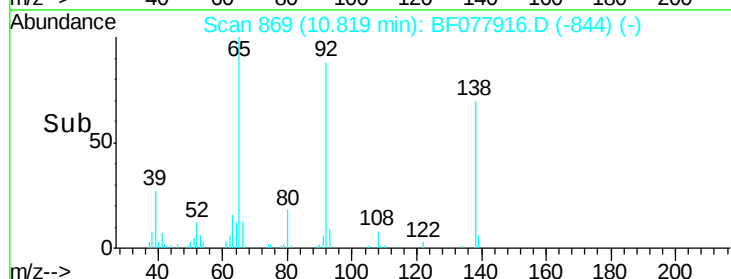
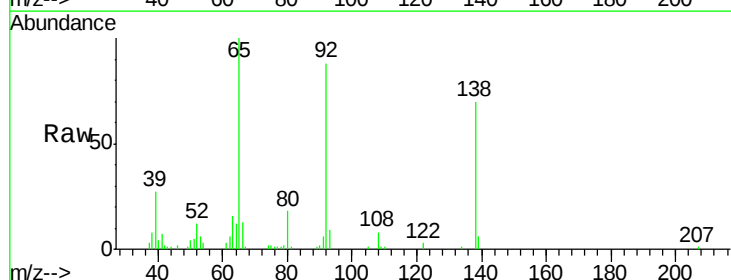
Tgt Ion:138 Resp: 39629

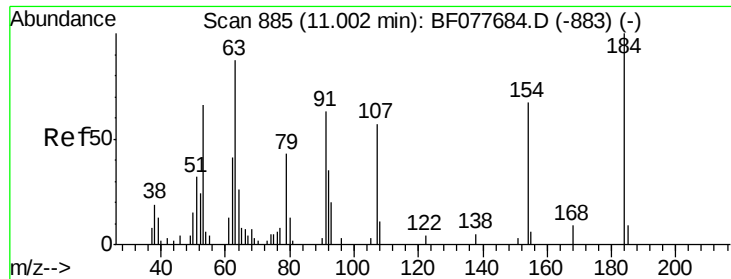
Ion Ratio Lower Upper

138 100

108 11.1 7.3 10.9#

92 125.8 76.6 114.8#





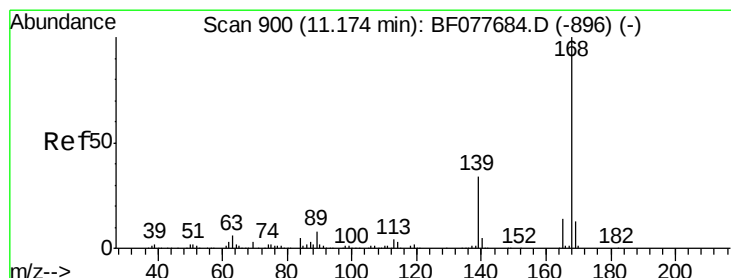
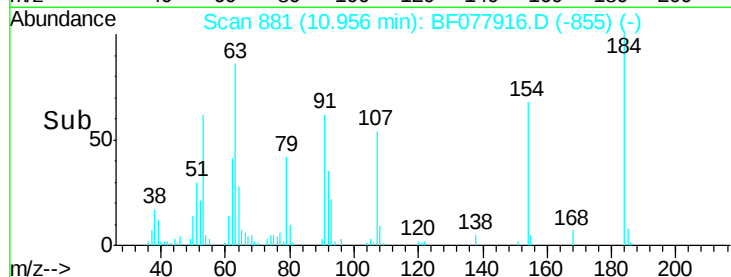
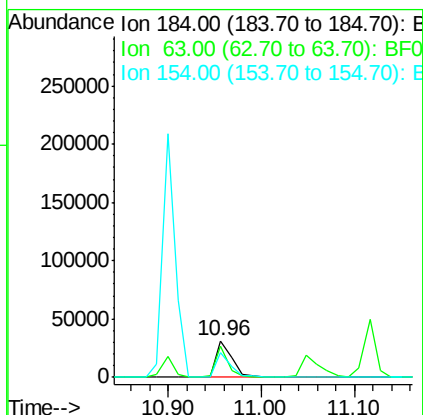
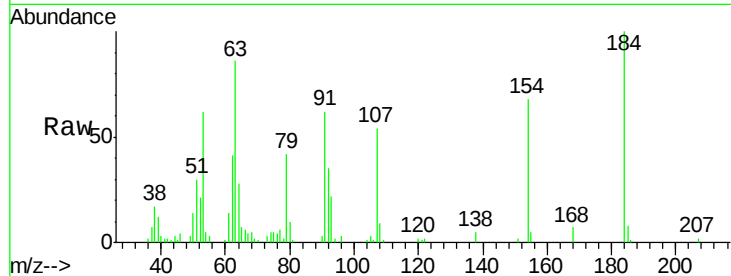
#53
2,4-Dinitrophenol
Concen: 80.18 ng
RT: 10.96 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	38752		
63	86.5	69.2	103.8	
154	68.3	53.3	79.9	

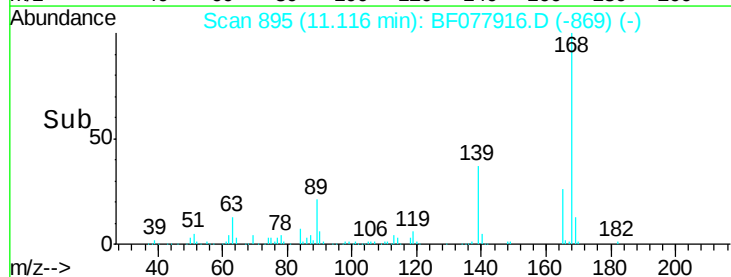
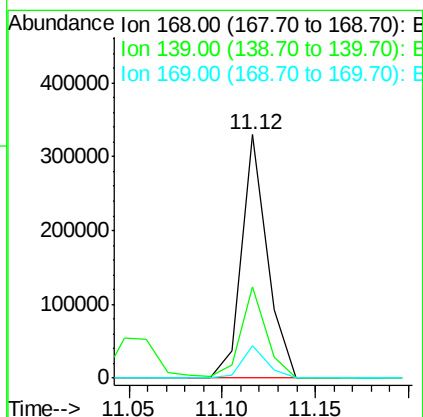
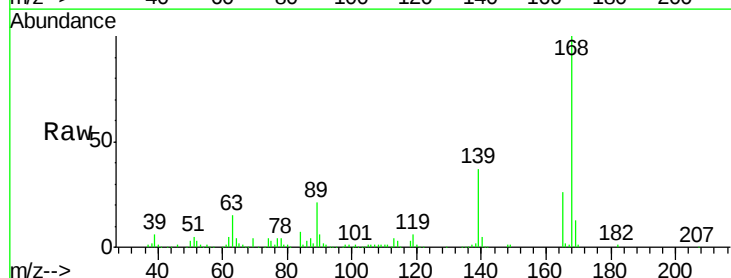
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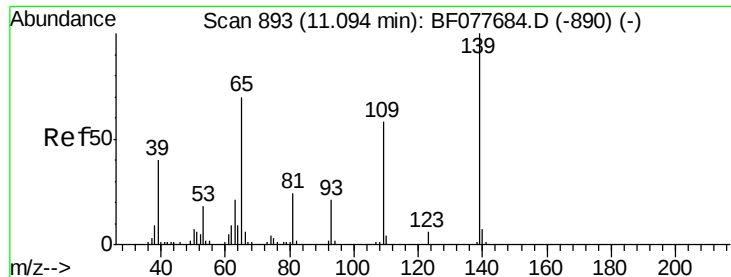
mohammad
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#54
Dibenzofuran
Concen: 40.14 ng
RT: 11.12 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	315475		
139	37.5	27.3	40.9	
169	13.3	10.6	16.0	





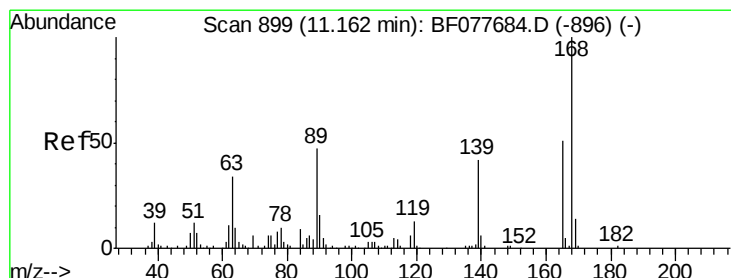
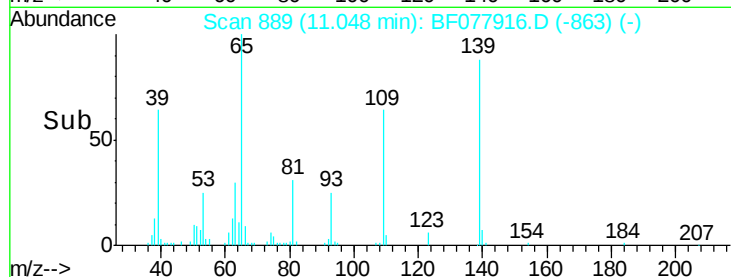
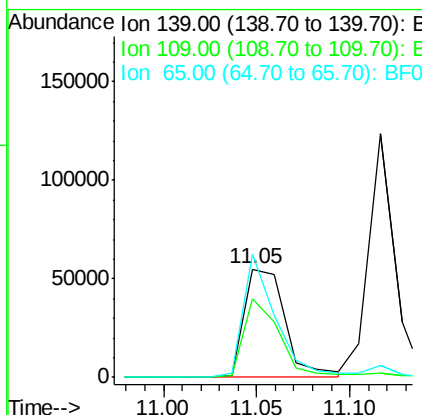
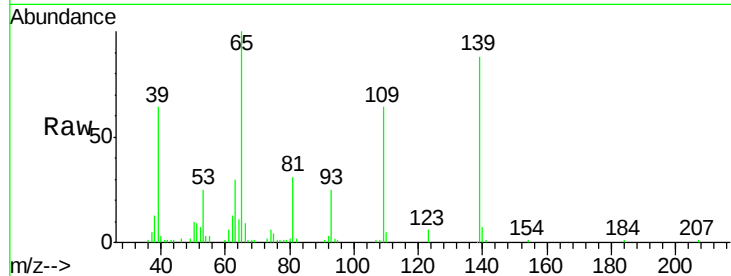
#55
4-Nitrophenol
Concen: 73.69 ng
RT: 11.05 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleID :
PB82241BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	83381		
109	72.8	37.7	77.7	
65	113.8	49.9	89.9#	

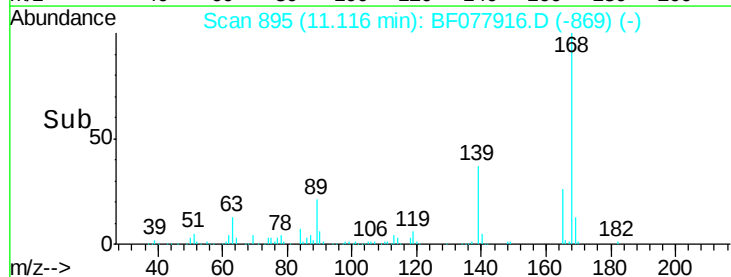
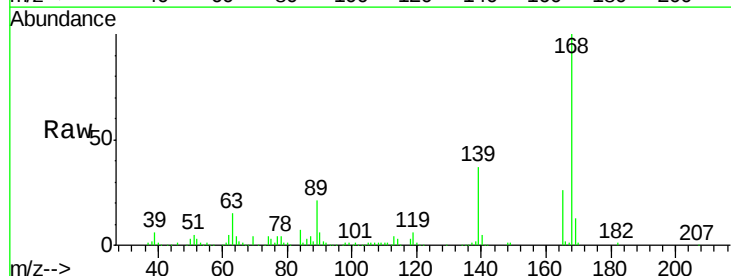
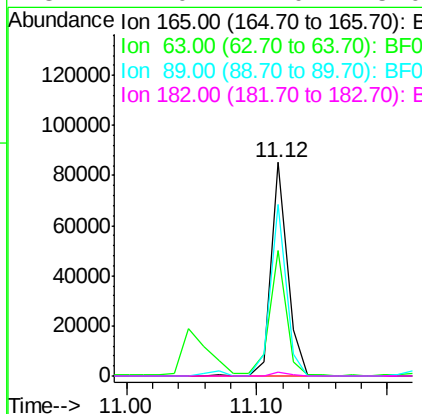
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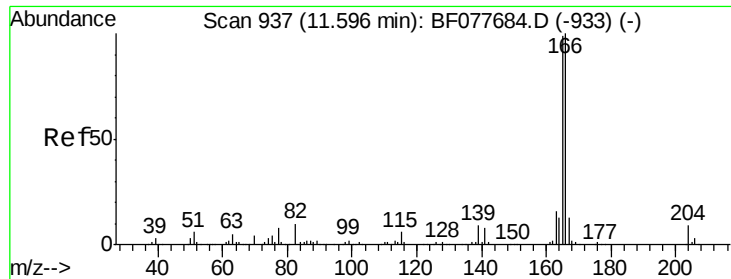
mohammad
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#56
2,4-Dinitrotoluene
Concen: 44.06 ng
RT: 11.12 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	75569		
63	59.0	52.4	78.6	
89	80.3	72.4	108.6	
182	2.0	2.0	3.0	





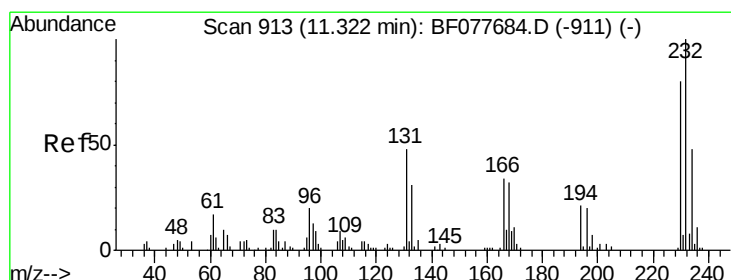
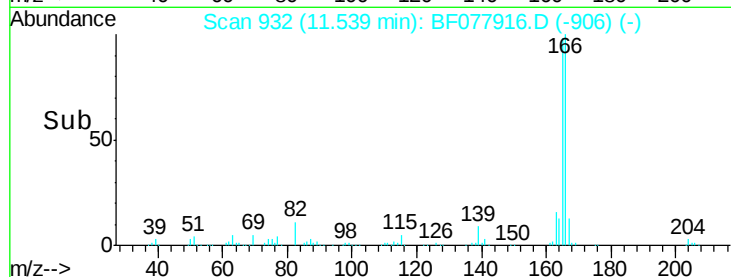
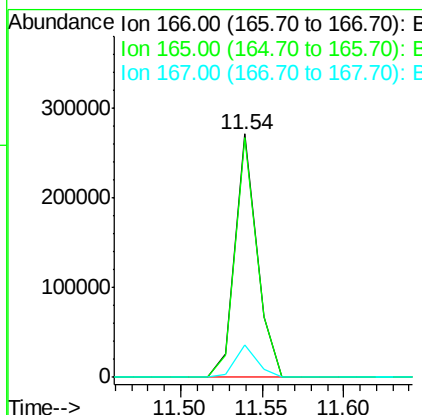
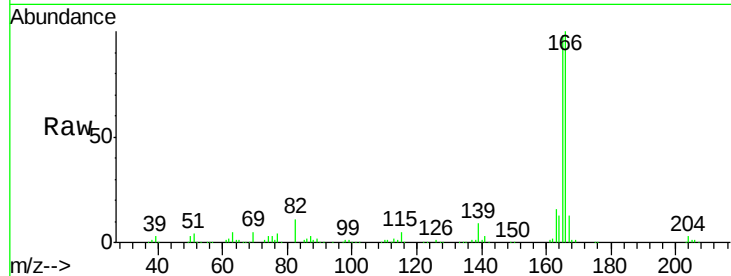
#57
 Fluorene
 Concen: 38.65 ng
 RT: 11.54 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	252239		
165	98.2	79.0	118.4	
167	13.2	10.3	15.5	

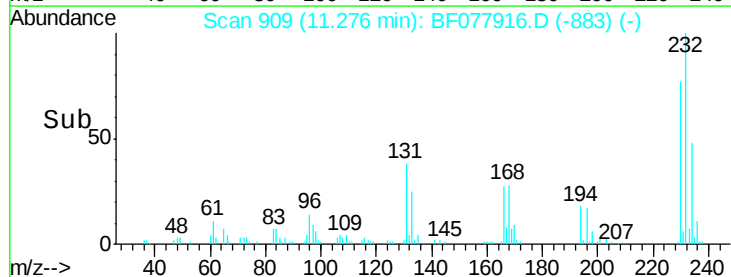
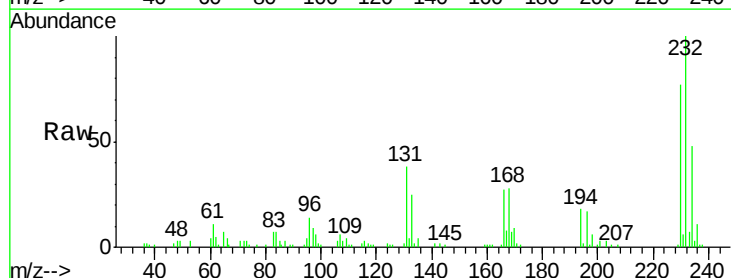
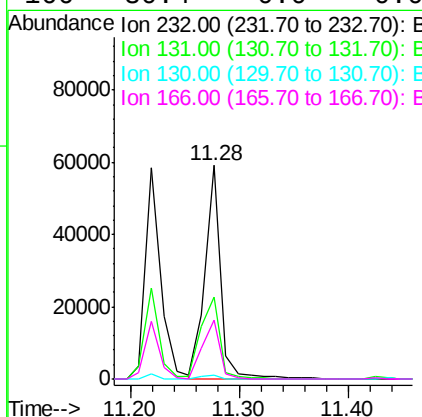
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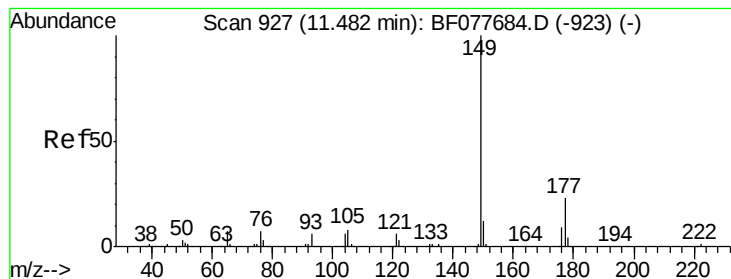
mohammad
 3/25/2015 5:01:12 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.05 ng
 RT: 11.28 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	60352		
131	45.6	0.0	0.0#	
130	2.2	0.0	0.0#	
166	30.4	0.0	0.0#	





#59

Diethylphthalate

Concen: 40.21 ng

RT: 11.43 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

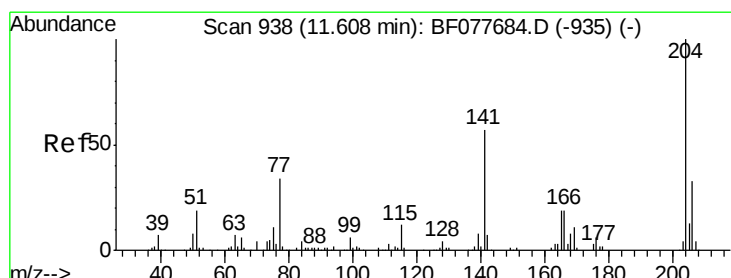
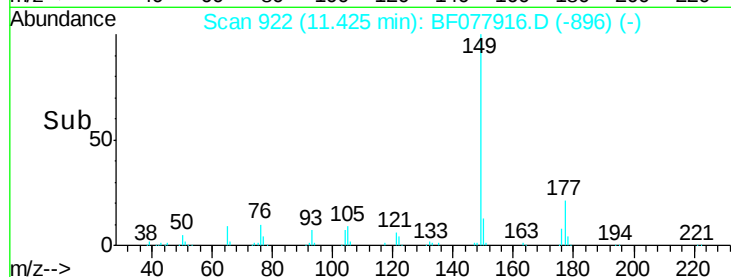
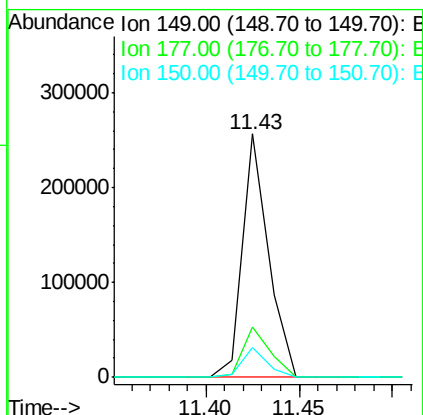
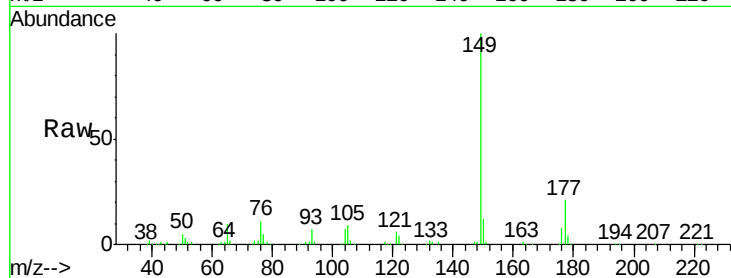
ClientSampleId :

PB82241BSD

Tgt Ion:	149	Resp:	248583
Ion Ratio	Lower	Upper	
149	100		
177	20.6	18.3	27.5
150	12.5	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 39.39 ng

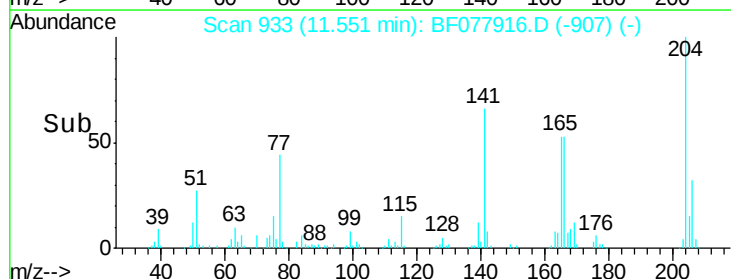
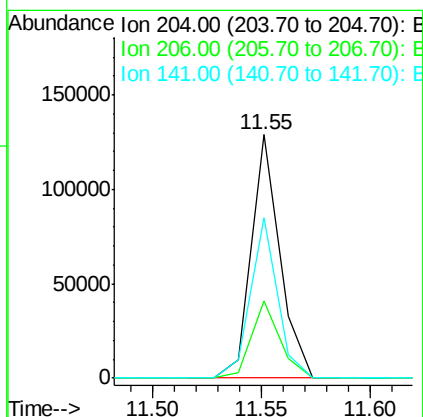
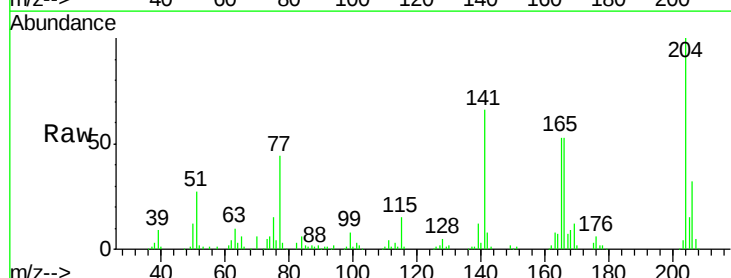
RT: 11.55 min Scan# 933

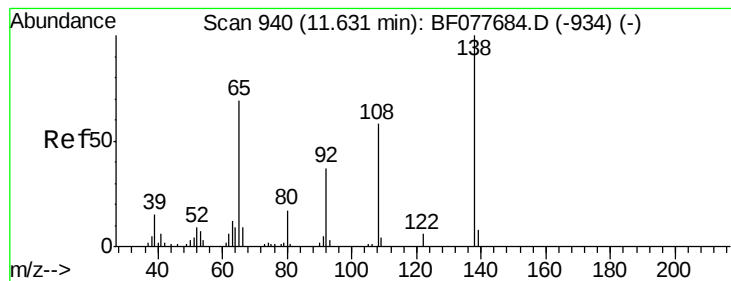
Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion:	204	Resp:	117323
Ion Ratio	Lower	Upper	
204	100		
206	31.7	26.6	39.8
141	65.9	45.2	67.8





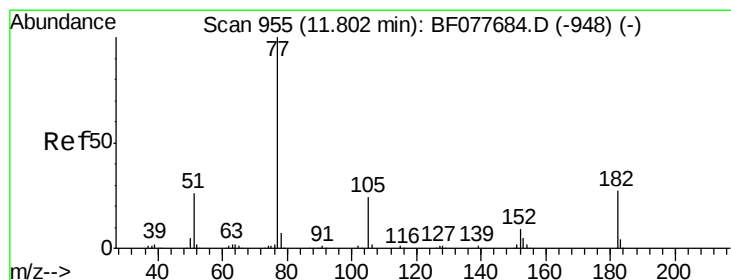
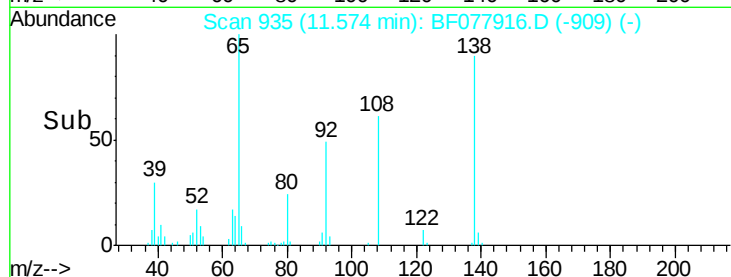
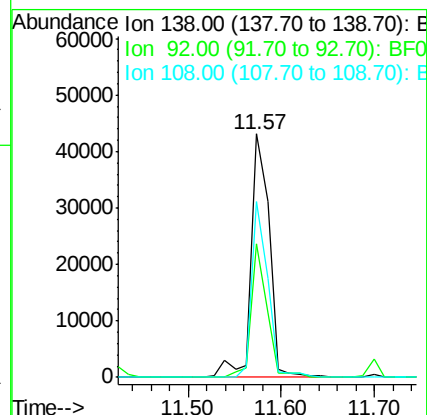
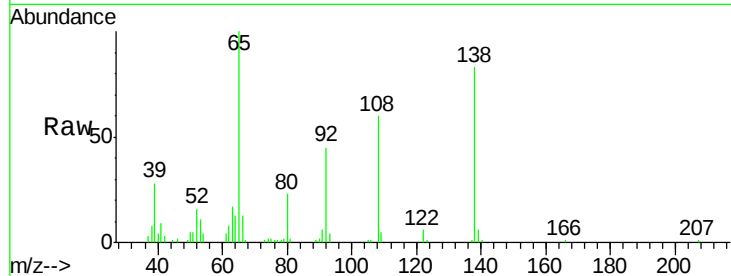
#61
4-Nitroaniline
Concen: 37.95 ng
RT: 11.57 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.9	16.7	56.7
108	72.0	37.6	77.6

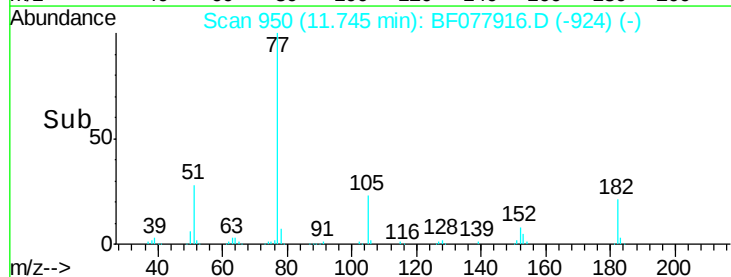
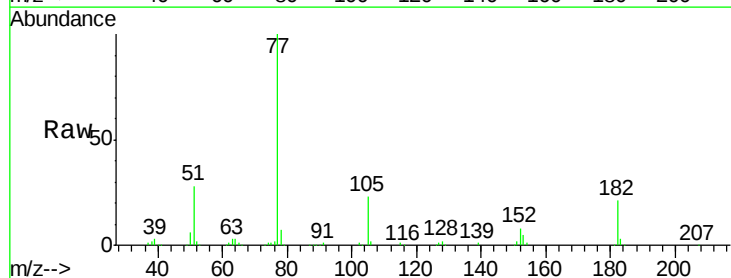
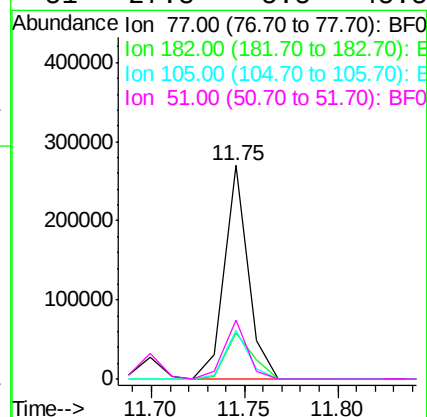
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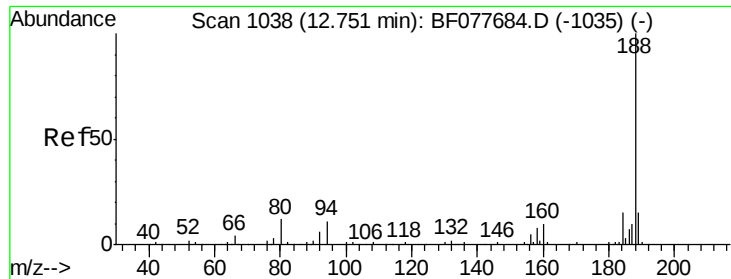
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#62
Azobenzene
Concen: 40.57 ng
RT: 11.75 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.4	6.5	46.5
105	22.6	3.8	43.8
51	27.8	5.5	45.5





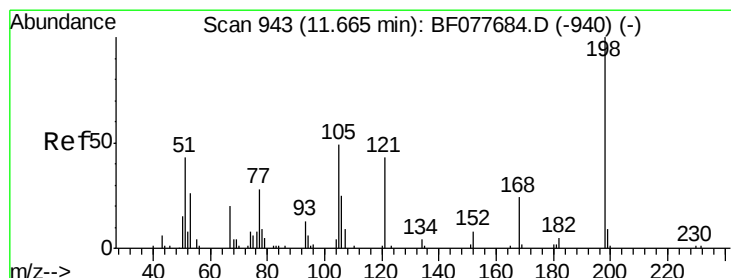
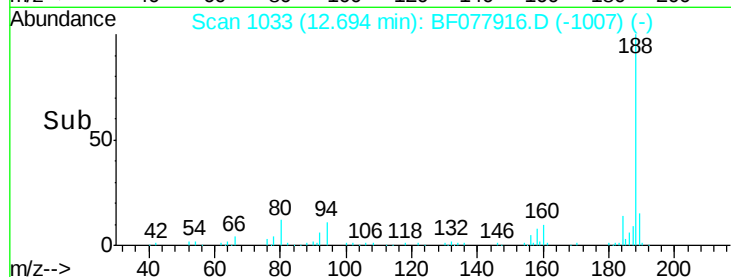
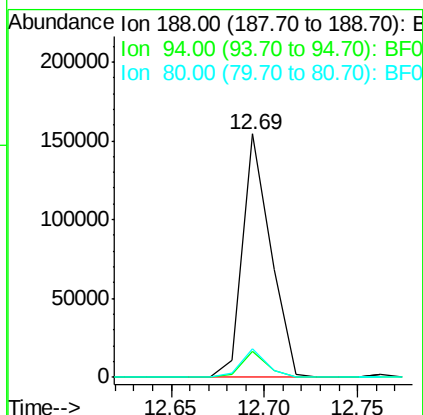
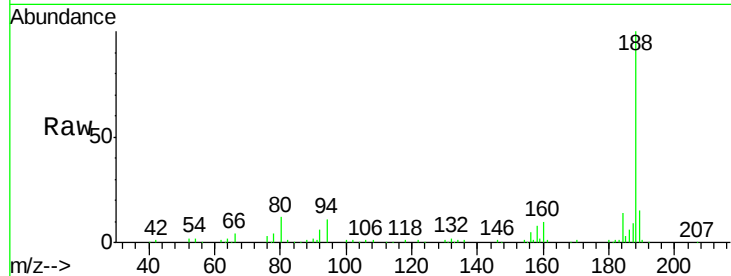
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.0	8.7	13.1
80	11.7	9.3	13.9

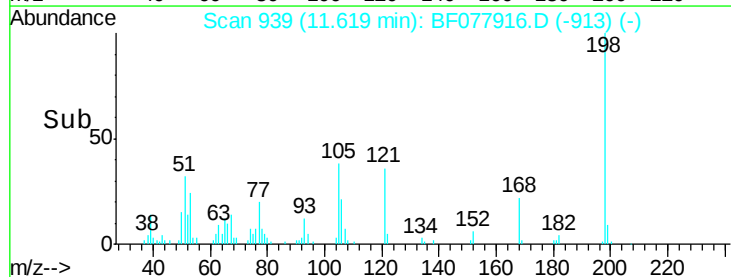
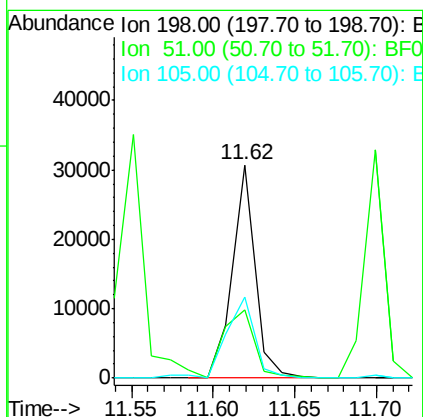
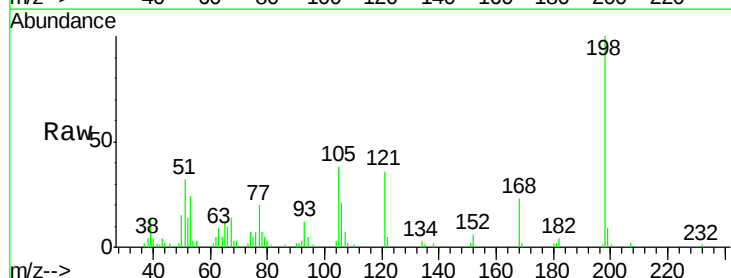
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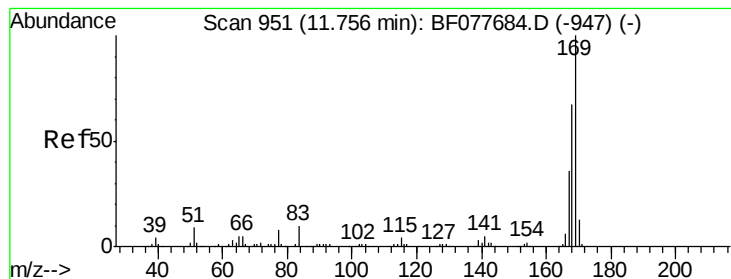
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.69 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	31.8	28.8	68.8
105	38.1	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 41.14 ng

RT: 11.70 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

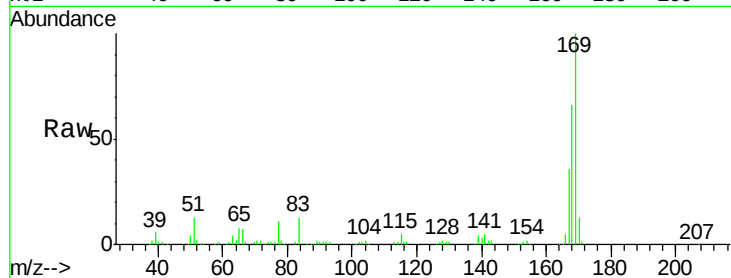
ClientSampleId :

PB82241BSD

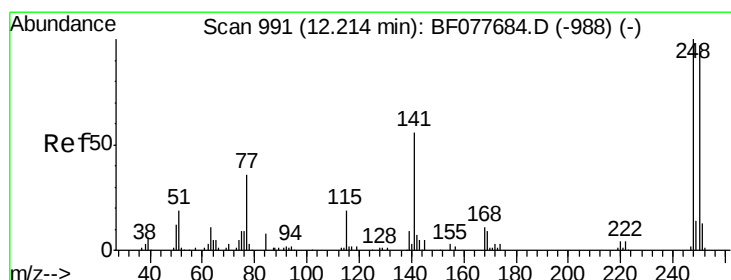
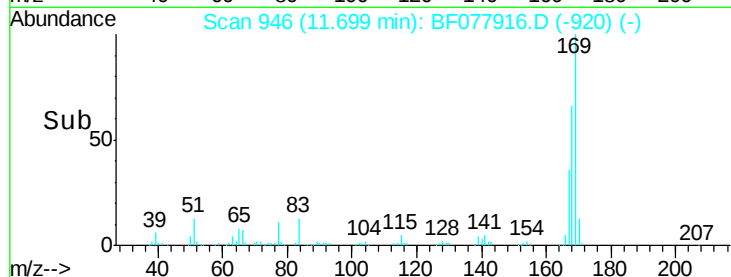
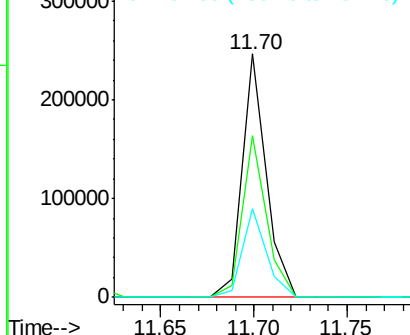
Tgt Ion:	169	Resp:	220726
Ion Ratio	Lower	Upper	
169	100		
168	66.4	53.9	80.9
167	36.5	28.9	43.3

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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: 41.60 ng

RT: 12.16 min Scan# 986

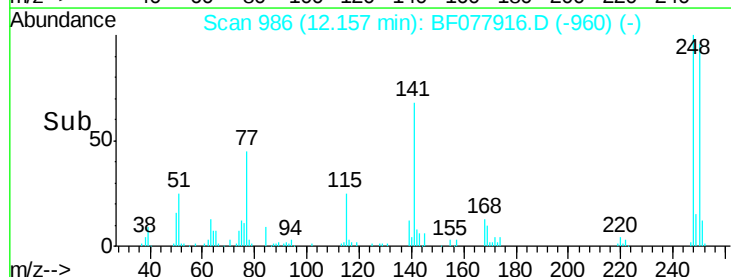
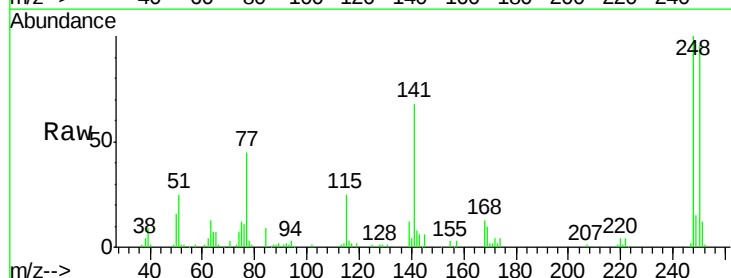
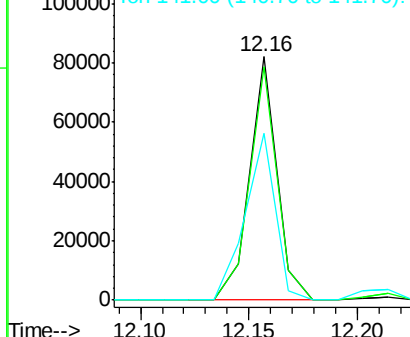
Delta R.T. -0.00 min

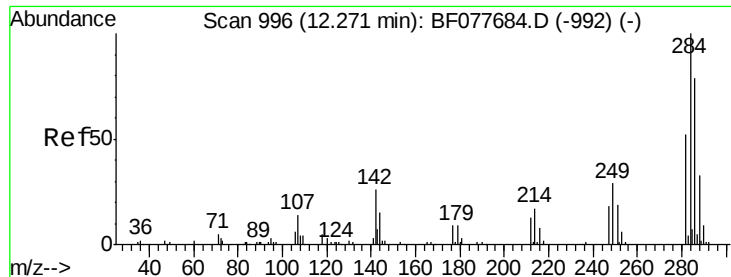
Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion:	248	Resp:	71534
Ion Ratio	Lower	Upper	
248	100		
250	95.8	77.4	116.0
141	68.3	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





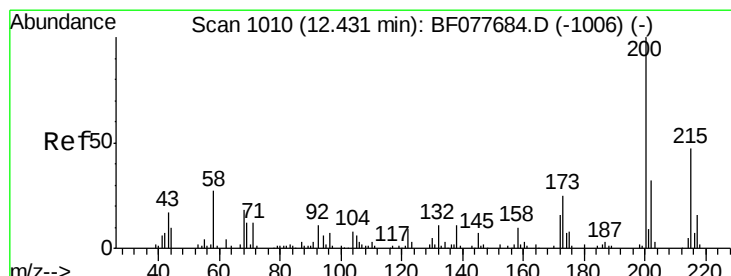
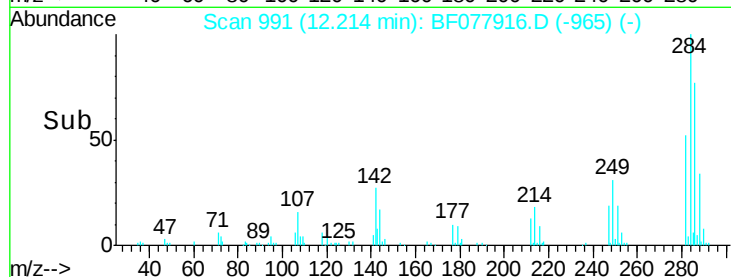
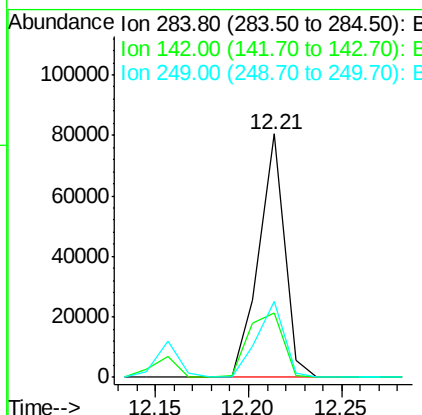
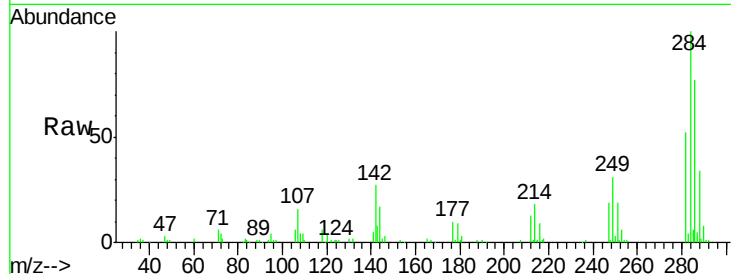
#67
Hexachlorobenzene
Concen: 40.71 ng
RT: 12.21 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	76917		
142	26.7	20.4	30.6	
249	31.0	23.8	35.6	

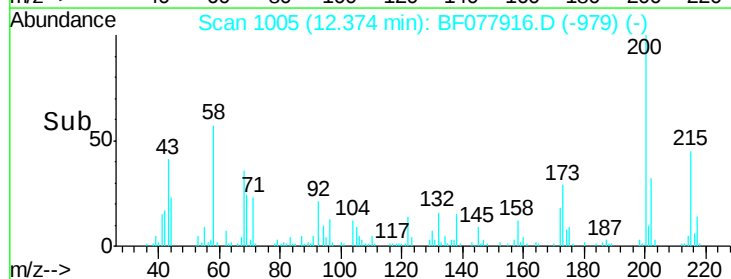
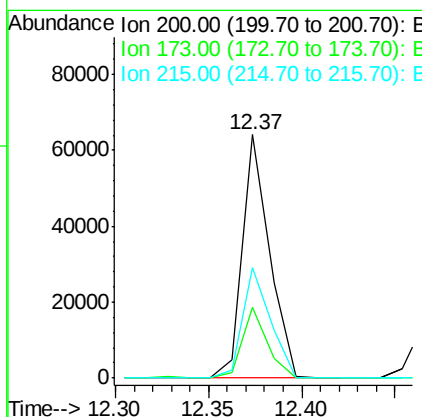
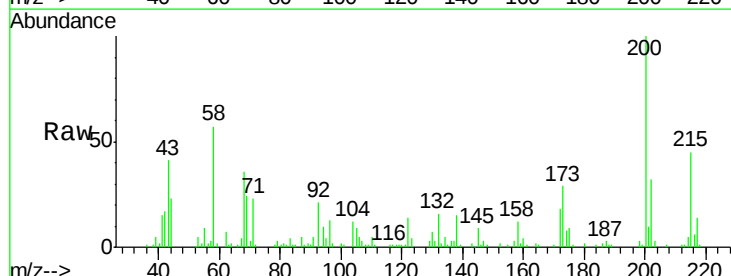
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#68
Atrazine
Concen: 43.08 ng
RT: 12.37 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	64766		
173	29.0	4.8	44.8	
215	45.4	26.9	66.9	





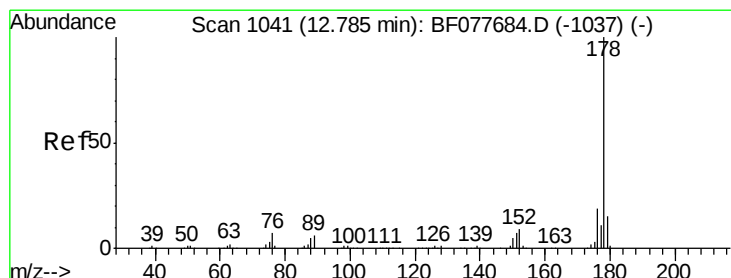
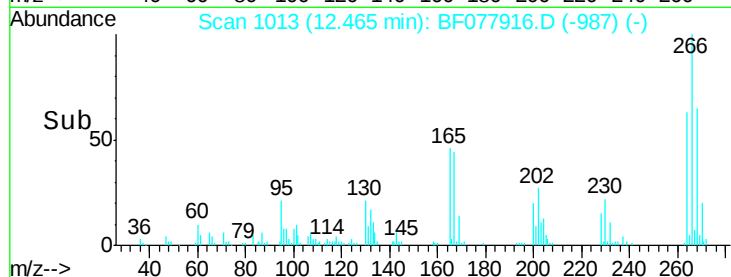
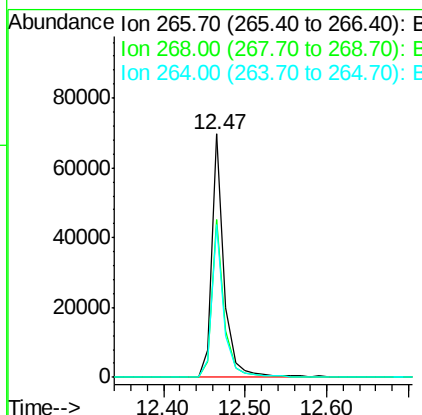
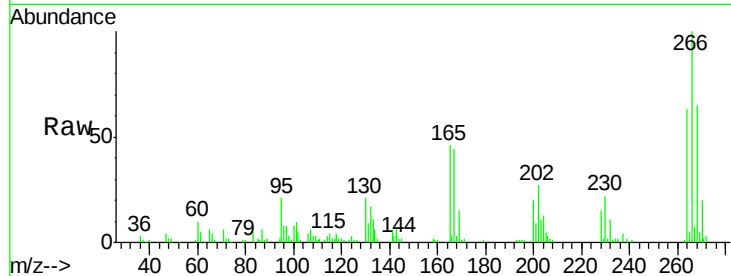
#69
 Pentachlorophenol
 Concen: 75.08 ng
 RT: 12.47 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	74106		
268	64.7	52.0	78.0	
264	63.0	49.0	73.4	

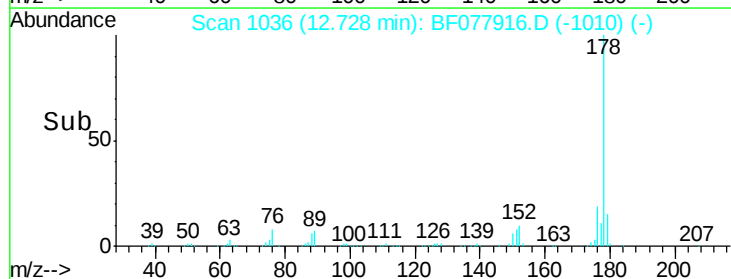
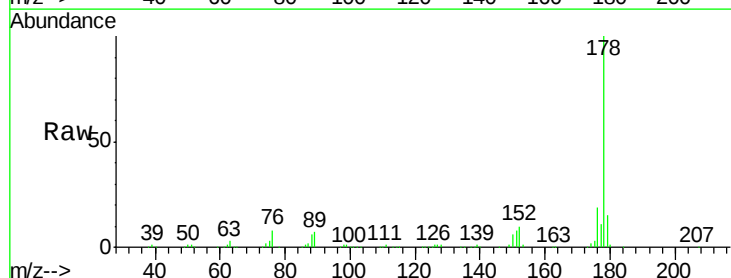
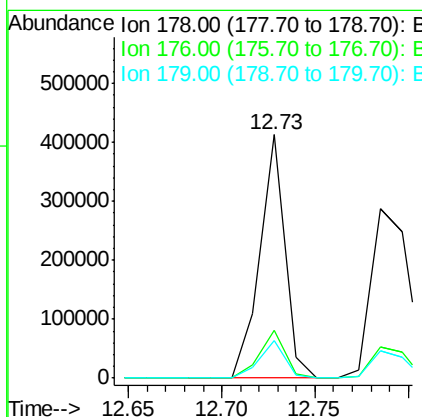
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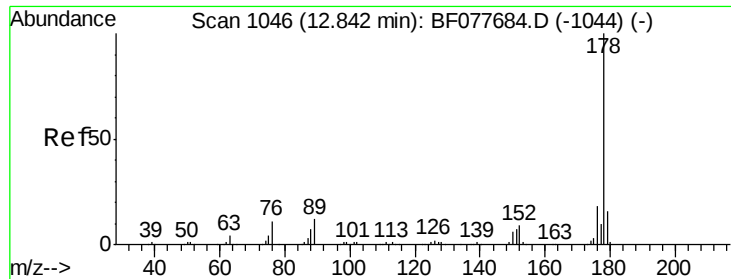
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#70
 Phenanthrene
 Concen: 41.48 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	383655		
176	19.4	15.2	22.8	
179	15.3	12.1	18.1	





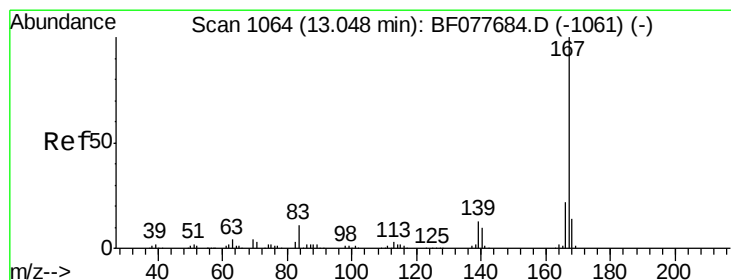
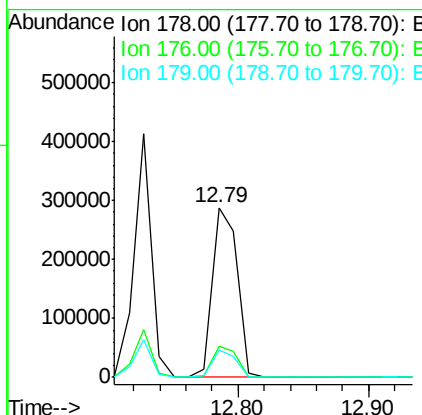
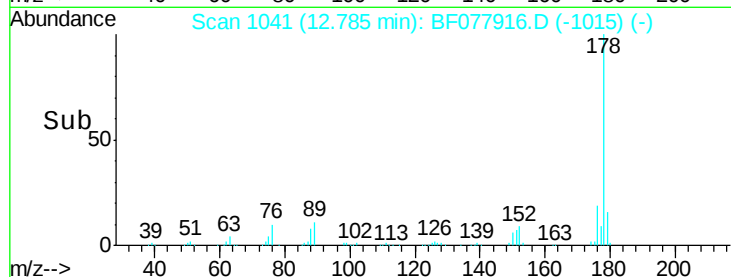
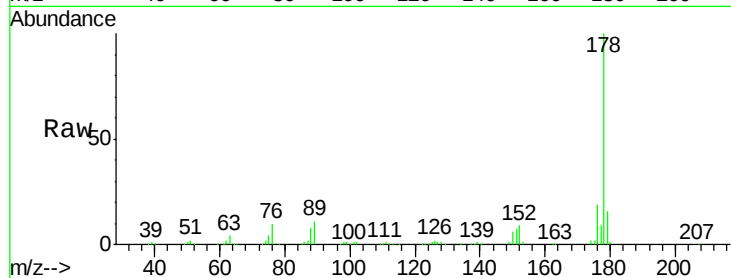
#71
 Anthracene
 Concen: 41.95 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.9	12.6	19.0

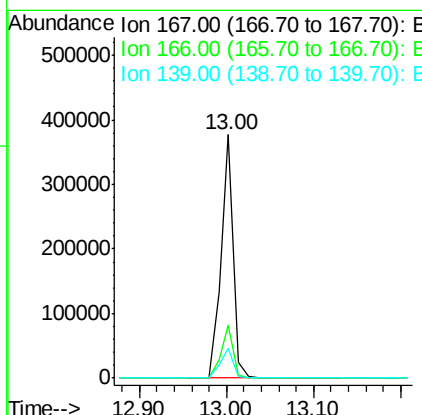
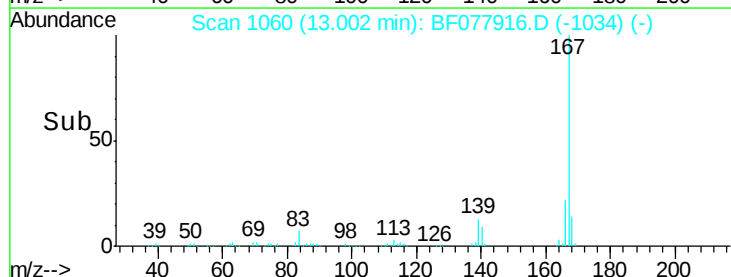
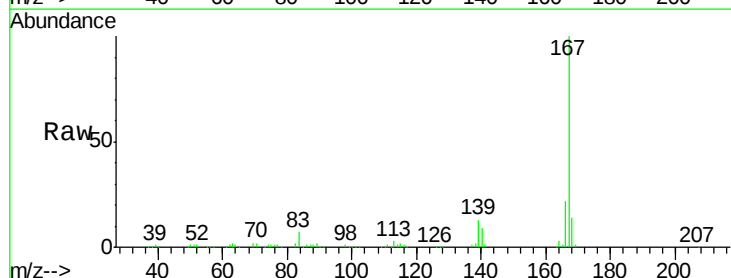
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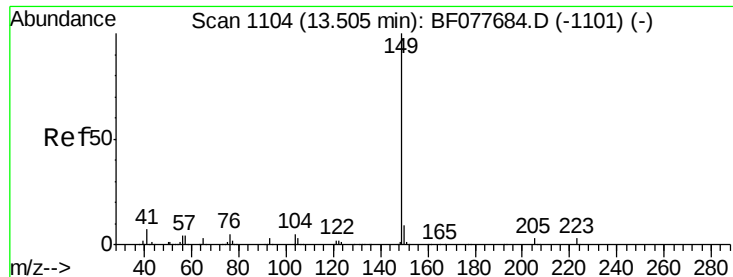
mohammad
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#72
 Carbazole
 Concen: 42.86 ng
 RT: 13.00 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.5	10.8	16.2





#73

Di-n-butylphthalate

Concen: 41.84 ng

RT: 13.46 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

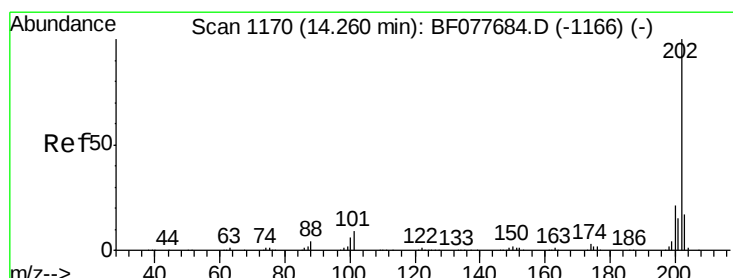
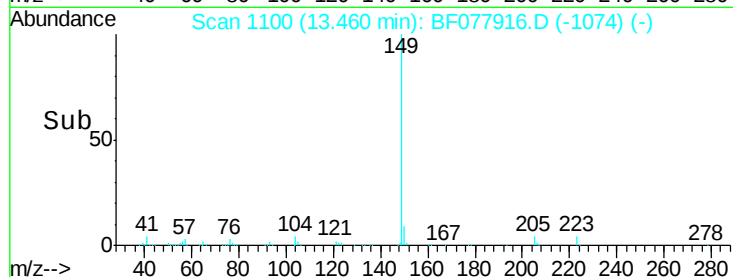
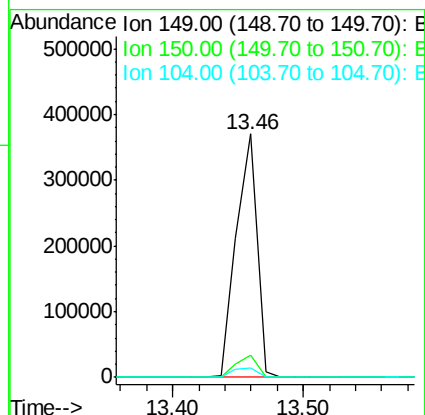
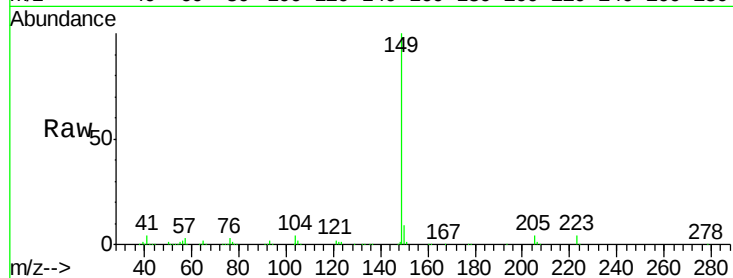
ClientSampleId :

PB82241BSD

Tgt Ion:	149	Resp:	407812
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.5	11.3
104	4.0	3.7	5.5

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#74

Fluoranthene

Concen: 41.29 ng

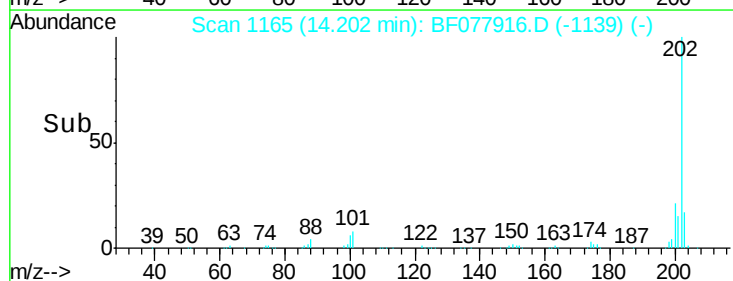
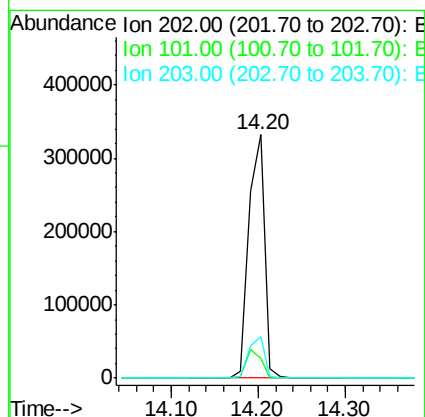
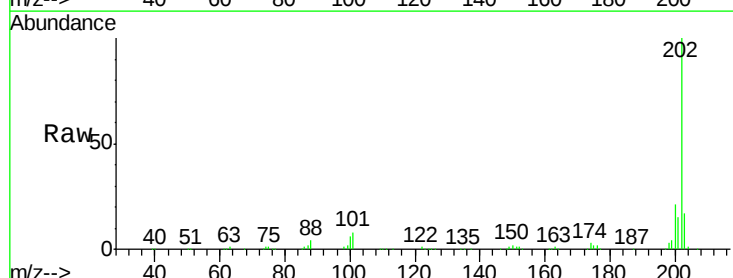
RT: 14.20 min Scan# 1165

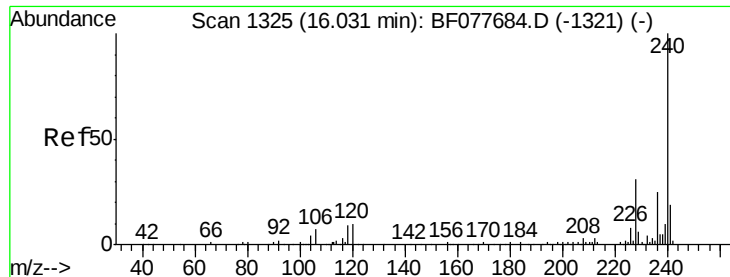
Delta R.T. -0.00 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion:	202	Resp:	421232
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.7
203	17.2	0.0	37.2





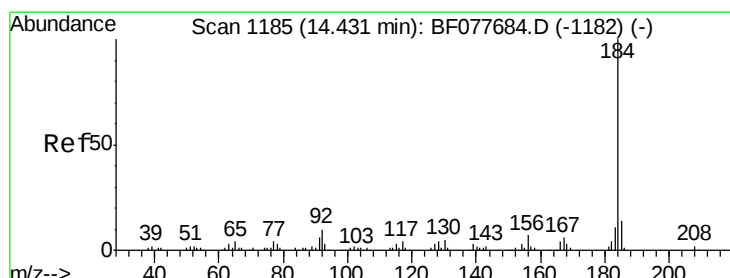
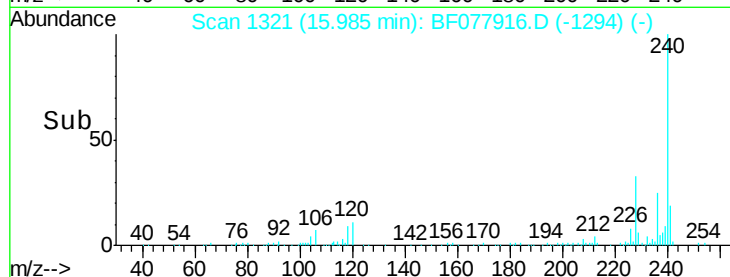
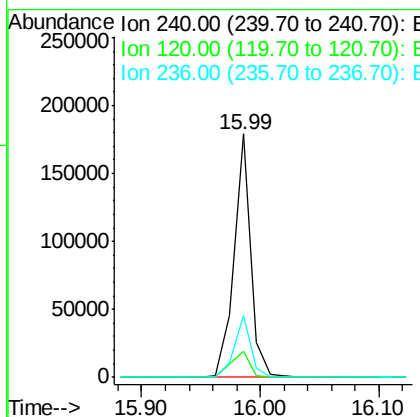
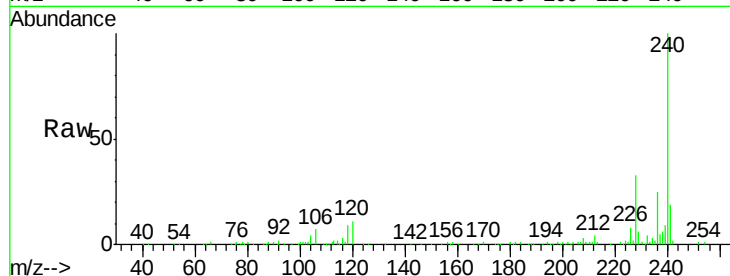
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	175624		
120	10.5	8.2	12.2	
236	25.2	20.0	30.0	

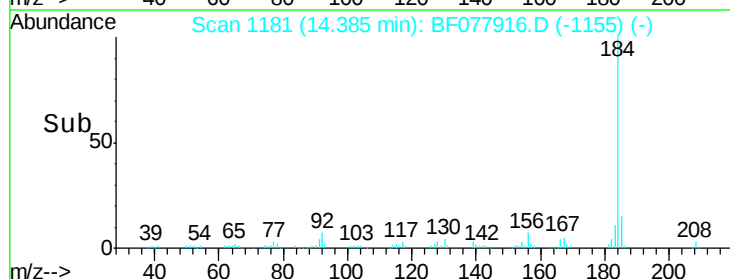
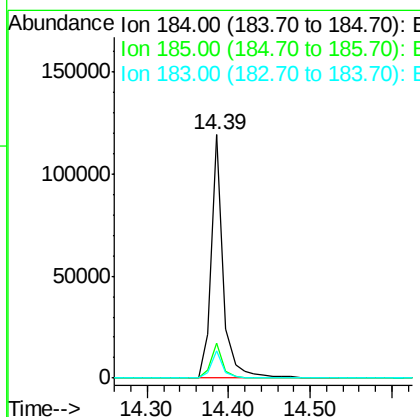
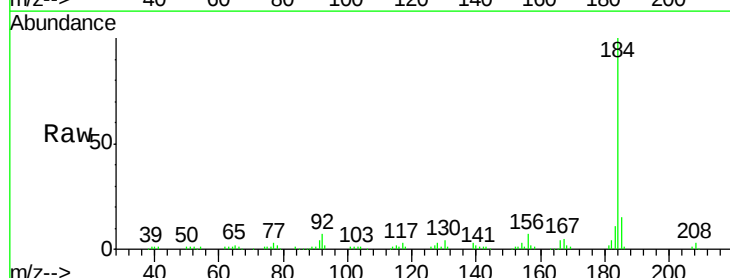
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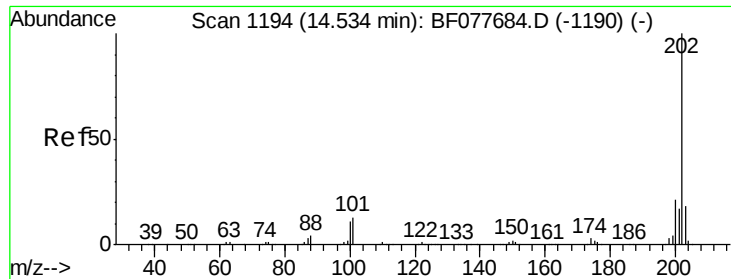
mohammad
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#76
Benzidine
Concen: 28.54 ng
RT: 14.39 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	124596		
185	14.6	11.3	16.9	
183	11.4	8.9	13.3	





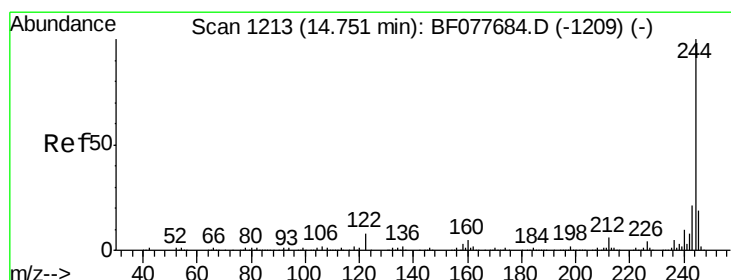
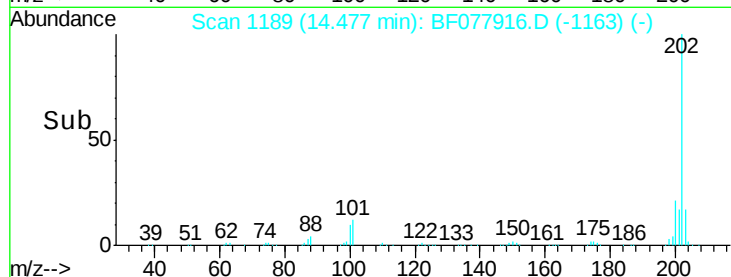
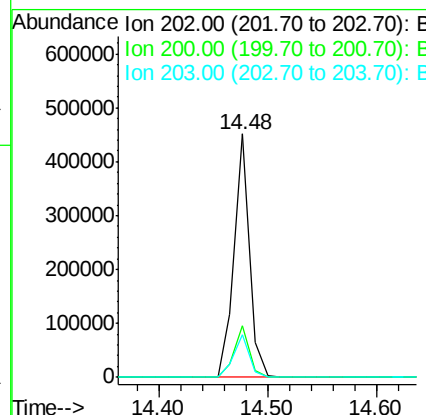
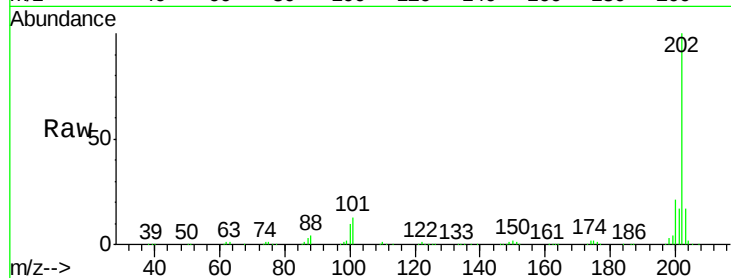
#77
 Pyrene
 Concen: 39.81 ng
 RT: 14.48 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82241BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.1	16.9	25.3
203	17.5	14.1	21.1

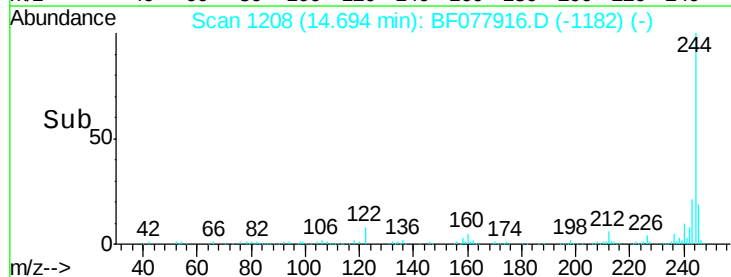
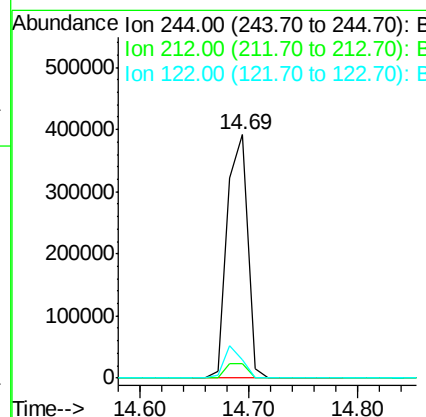
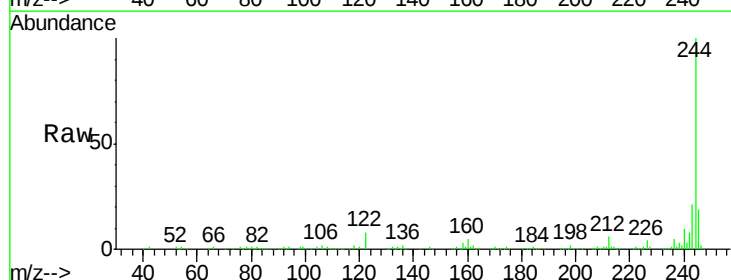
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#78
 Terphenyl-d14
 Concen: 71.06 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.1	4.9	7.3
122	7.7	6.2	9.4





#79

Butylbenzylphthalate

Concen: 40.66 ng

RT: 15.31 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF077916.D

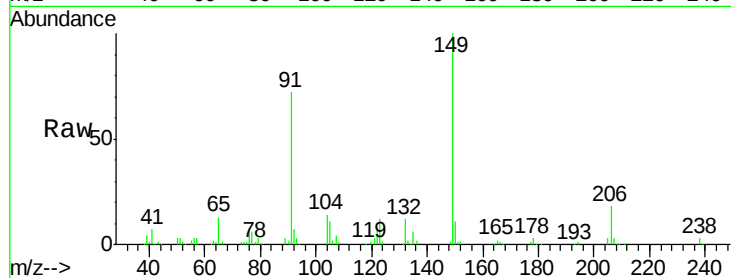
Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

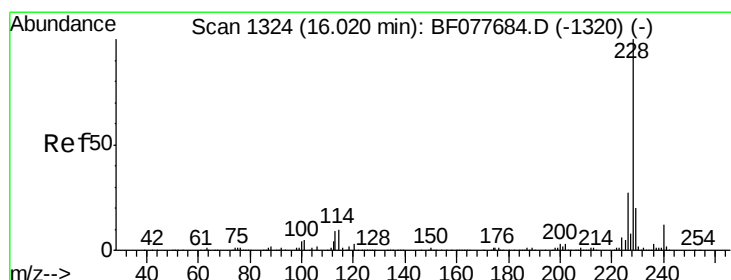
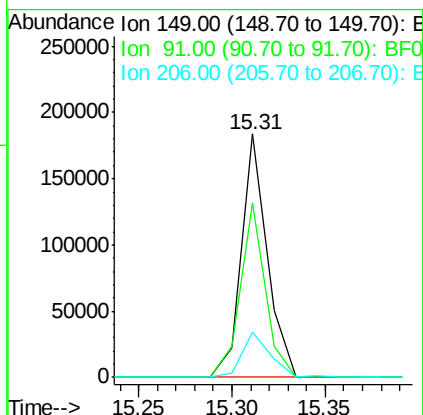
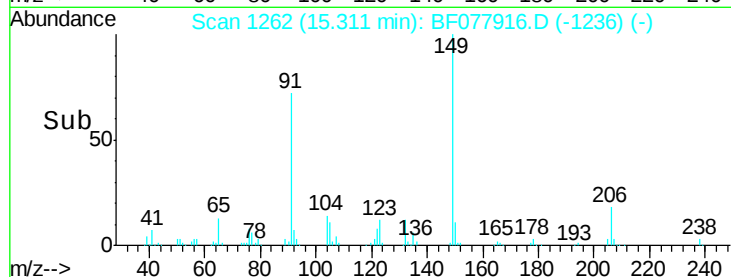
PB82241BSD



Tgt Ion:	149	Resp:	177053
Ion Ratio	Lower	Upper	
149	100		
91	71.8	50.1	75.1
206	18.3	16.2	24.2

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#80

Benzo(a)anthracene

Concen: 40.09 ng

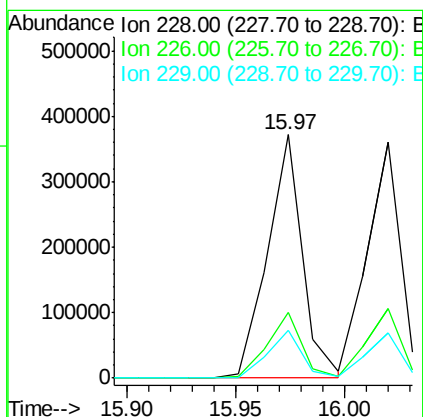
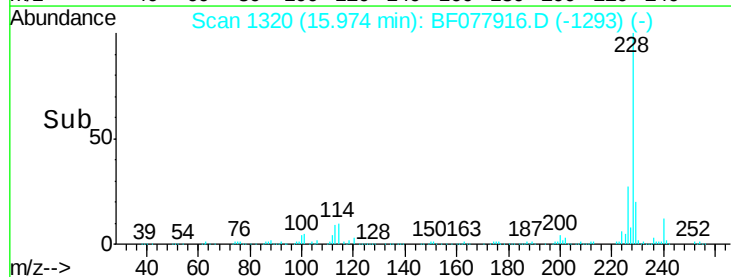
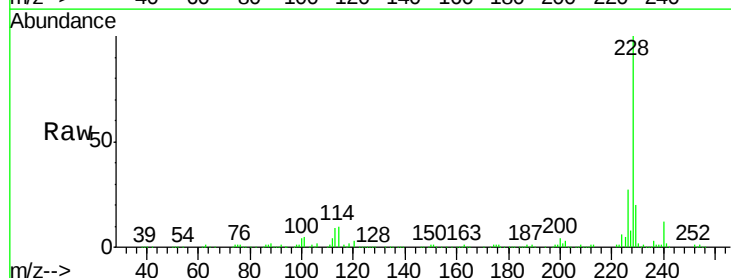
RT: 15.97 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion:	228	Resp:	417377
Ion Ratio	Lower	Upper	
228	100		
226	26.9	21.7	32.5
229	19.8	16.0	24.0





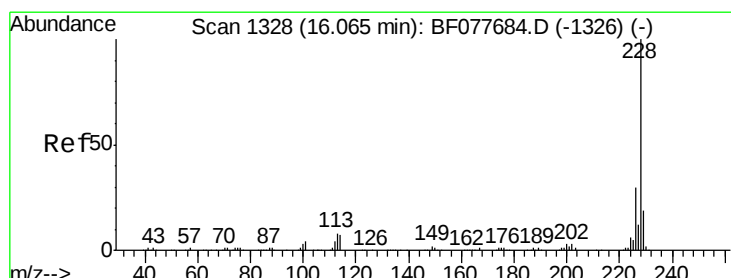
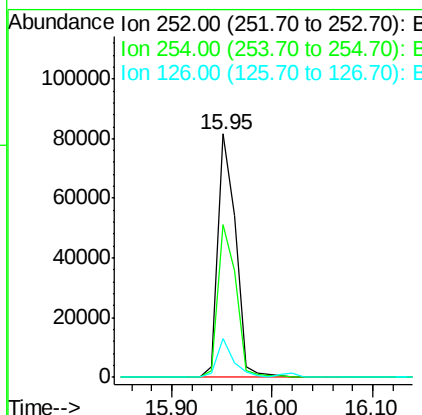
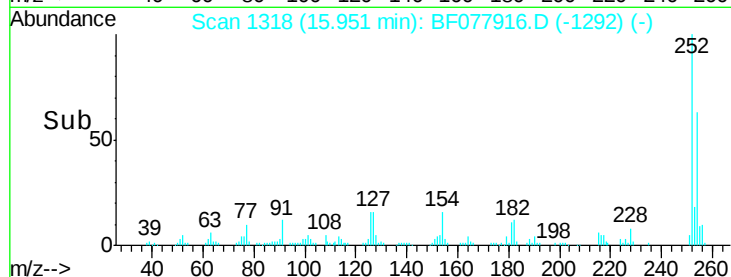
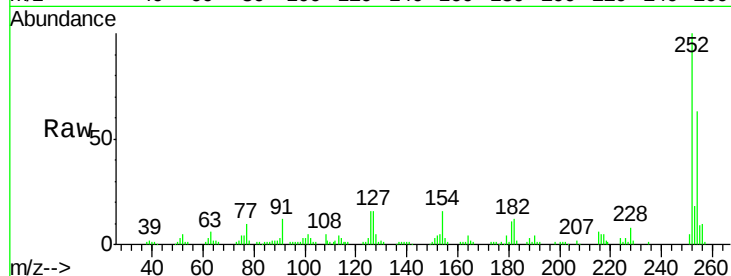
#81
 3,3'-Dichlorobenzidine
 Concen: 29.27 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Instrument :
 BNA_F
 ClientSampled :
 PB82241BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.7	51.9	77.9
126	15.7	9.8	14.8

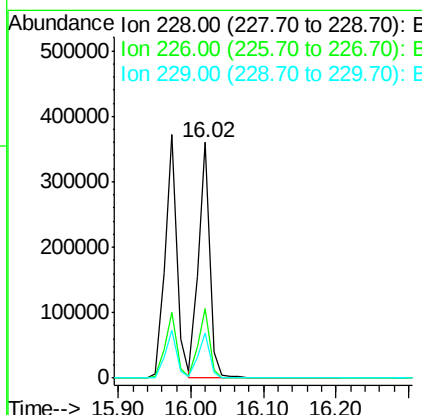
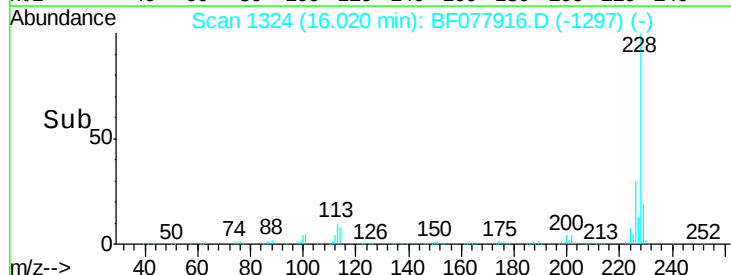
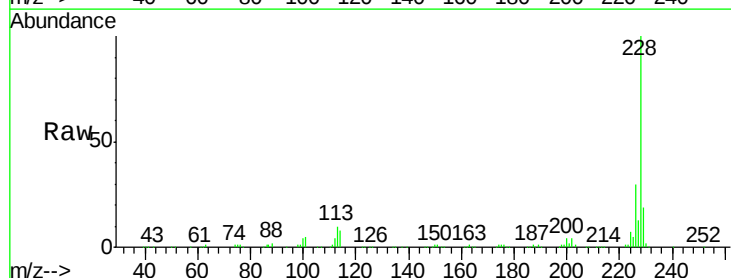
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#82
 Chrysene
 Concen: 41.80 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF077916.D
 Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.7	24.1	36.1
229	19.2	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.69 ng

RT: 16.04 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

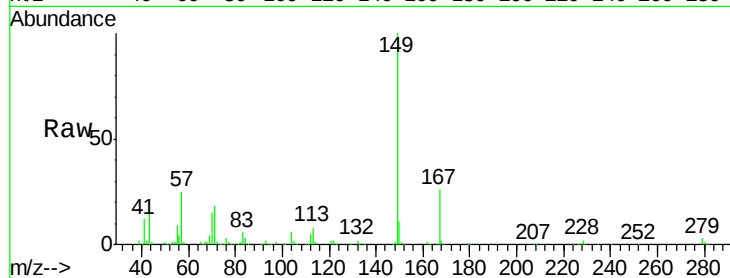
ClientSampleId :

PB82241BSD

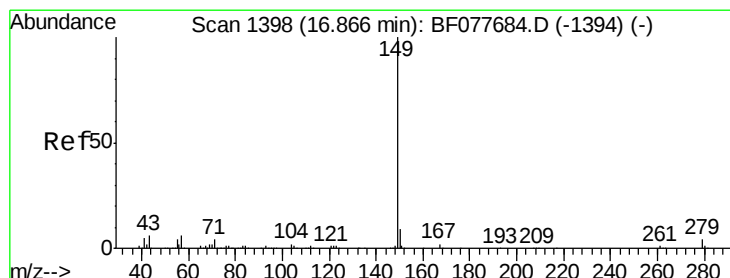
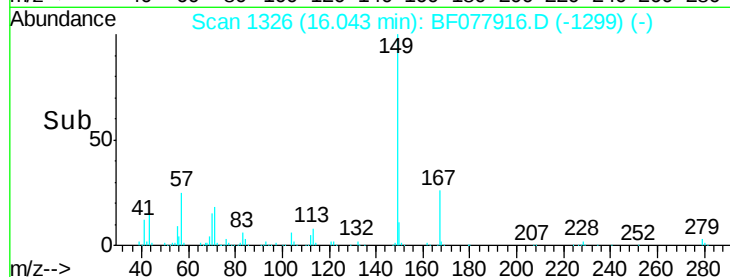
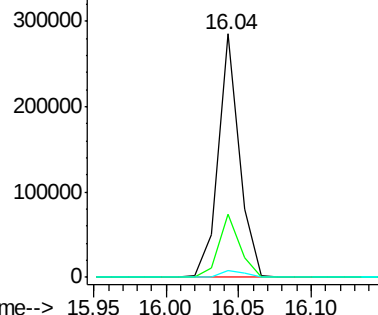
Tgt Ion:	149	Resp:	288179
Ion Ratio		Lower	Upper
149	100		
167	25.7	22.4	33.6
279	2.6	3.4	5.0#

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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: 41.45 ng

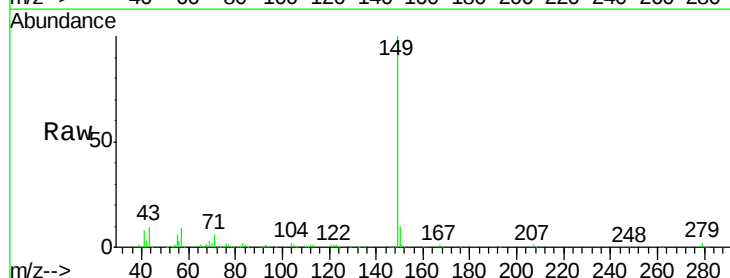
RT: 16.85 min Scan# 1397

Delta R.T. 0.03 min

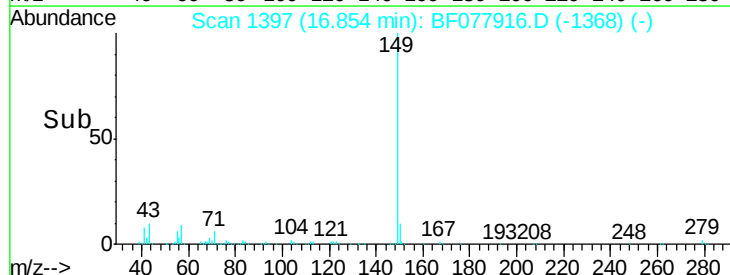
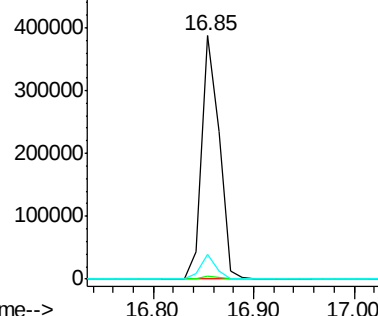
Lab File: BF077916.D

Acq: 24 Mar 2015 17:27

Tgt Ion:	149	Resp:	467481
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.2	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





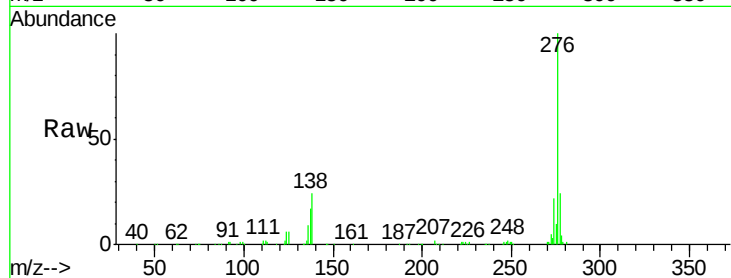
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.47 ng
RT: 19.13 min Scan# 1596
Delta R.T. 0.06 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

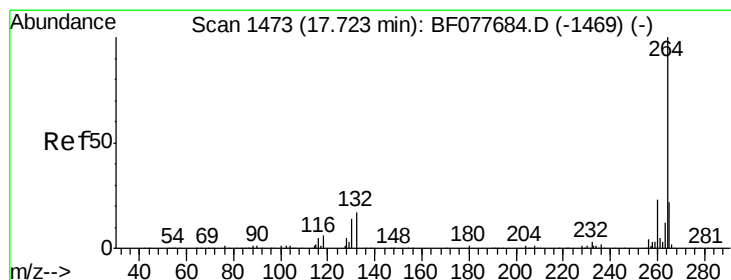
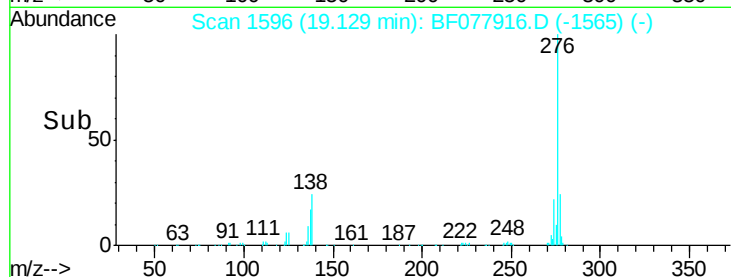
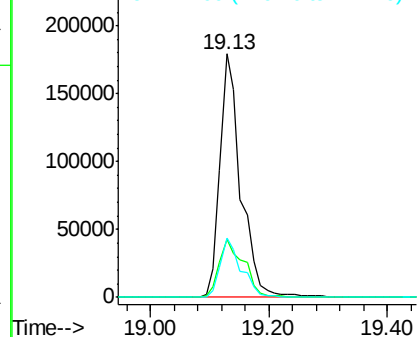
Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	28.5	0.0	0.0#
277	24.9	0.0	0.0#

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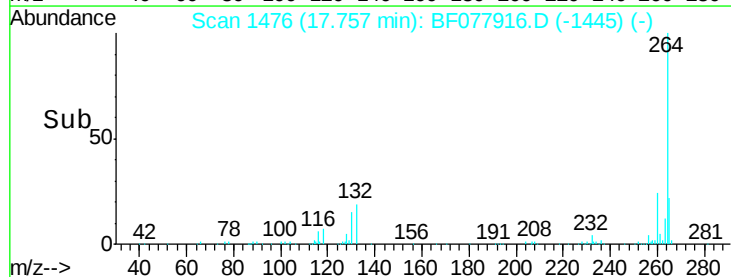
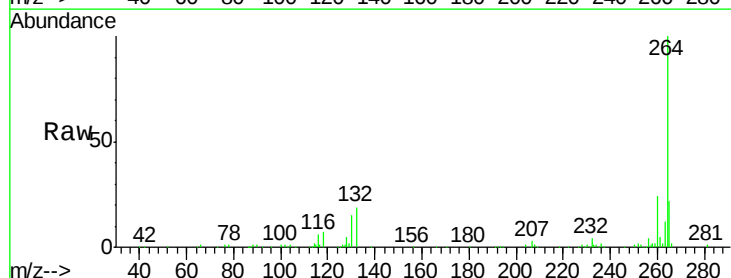
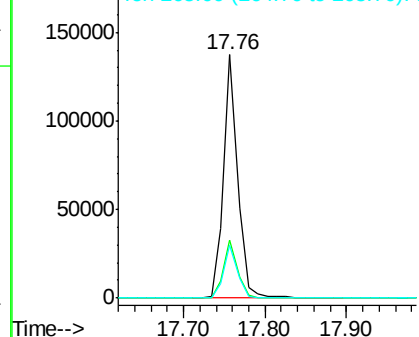
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

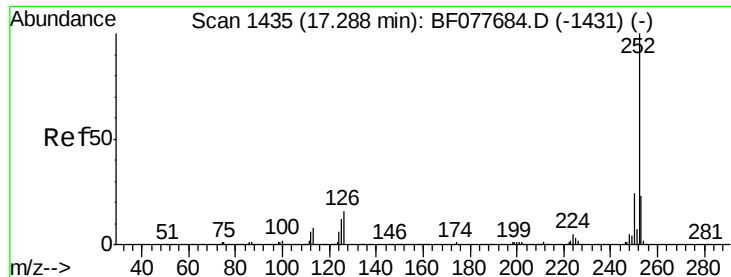


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1476
Delta R.T. 0.06 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.5	17.3	25.9

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





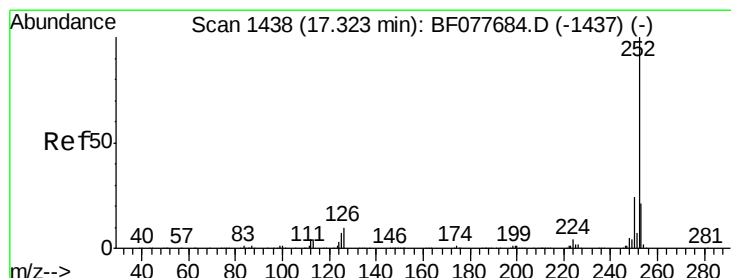
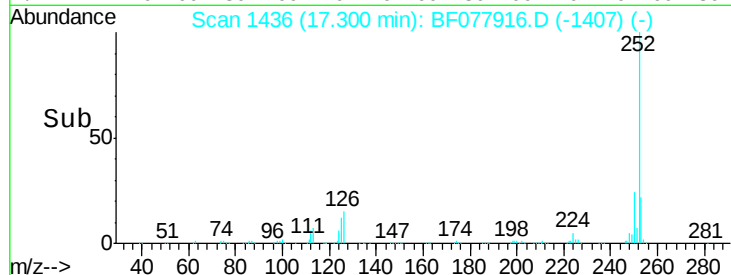
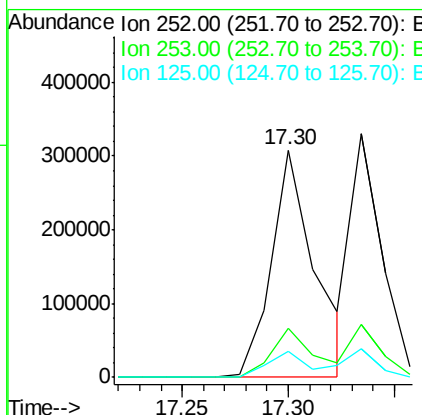
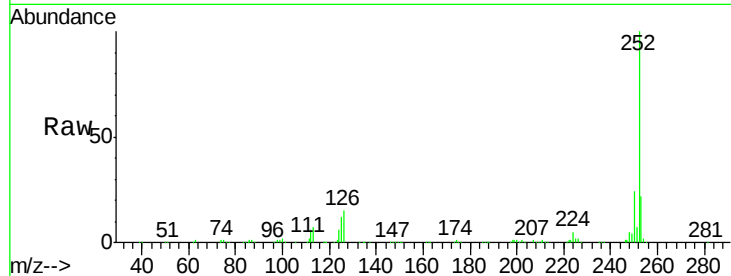
#87
Benzo(b)fluoranthene
Concen: 40.74 ng m
RT: 17.30 min Scan# 1436
Delta R.T. 0.03 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	11.6	9.9	14.9

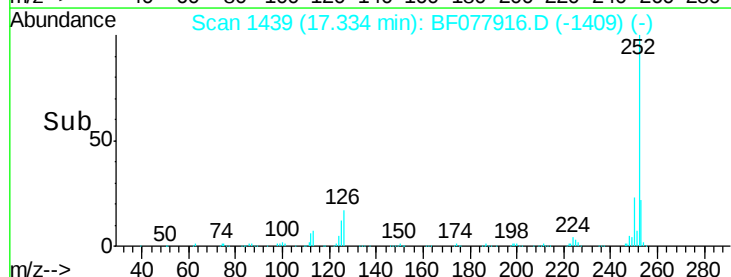
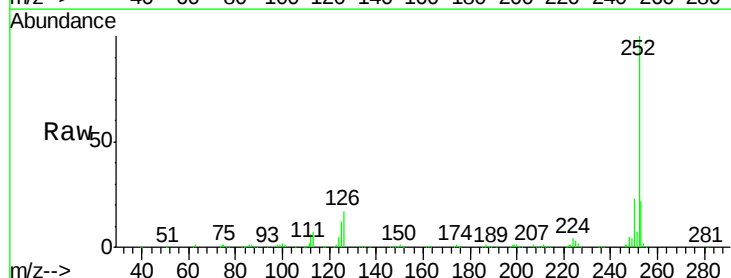
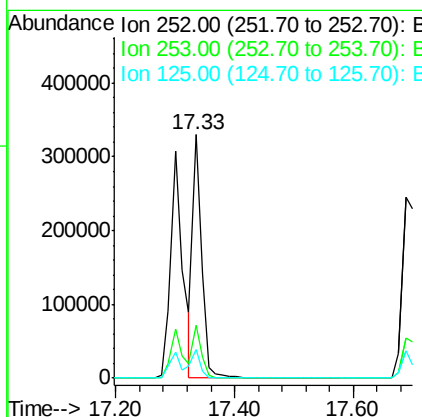
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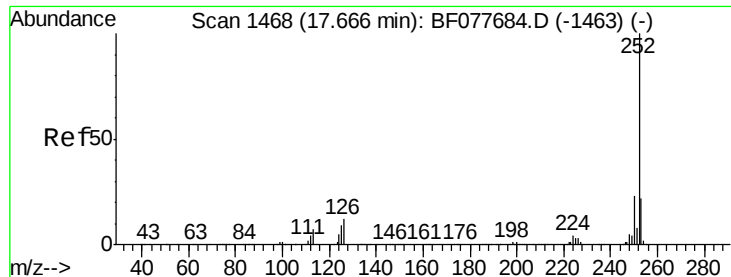
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#88
Benzo(k)fluoranthene
Concen: 41.62 ng
RT: 17.33 min Scan# 1439
Delta R.T. 0.05 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.9	8.1	12.1





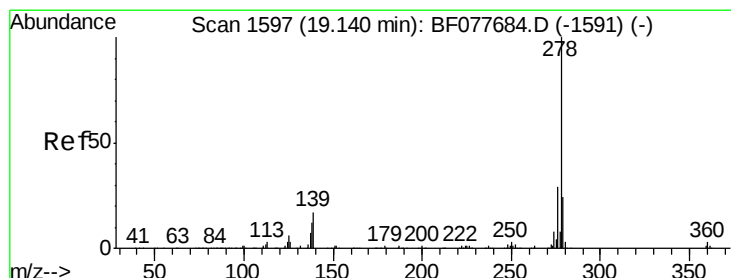
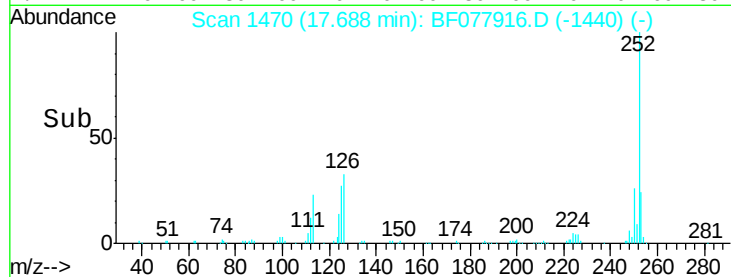
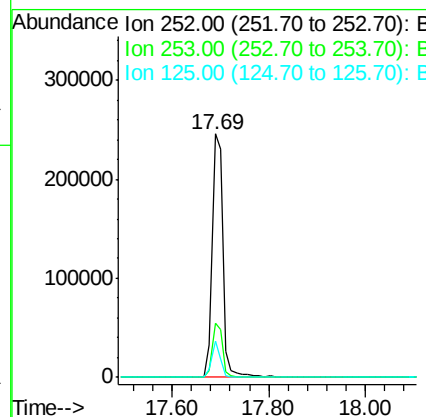
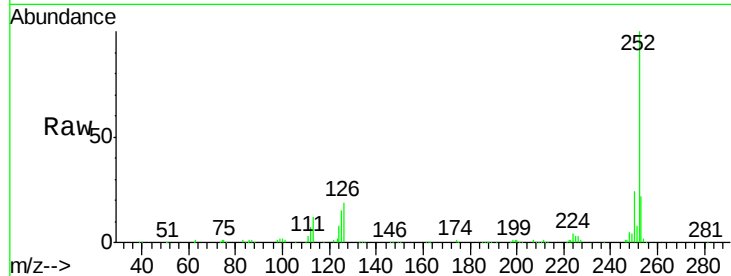
#89
Benzo(a)pyrene
Concen: 43.06 ng
RT: 17.69 min Scan# 1470
Delta R.T. 0.05 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Instrument :
BNA_F
ClientSampleId :
PB82241BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.2	17.6	26.4
125	15.0	7.4	11.2

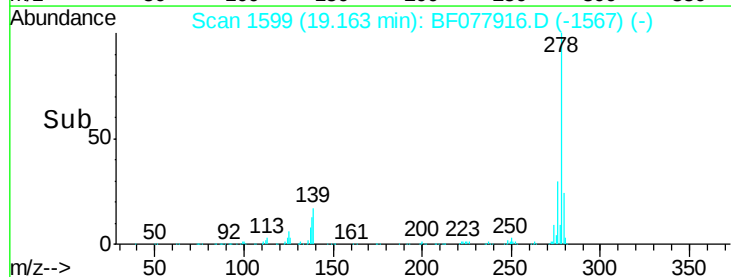
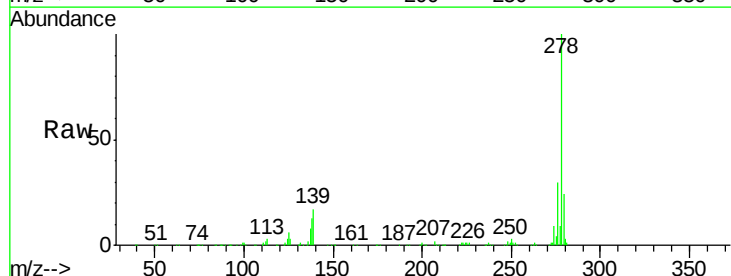
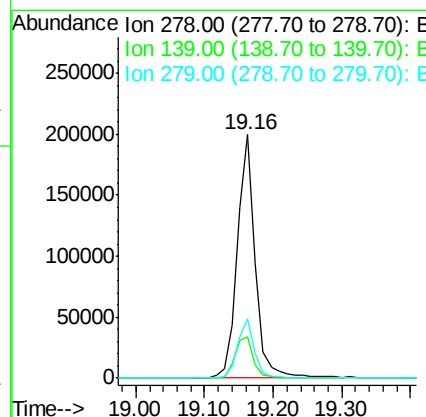
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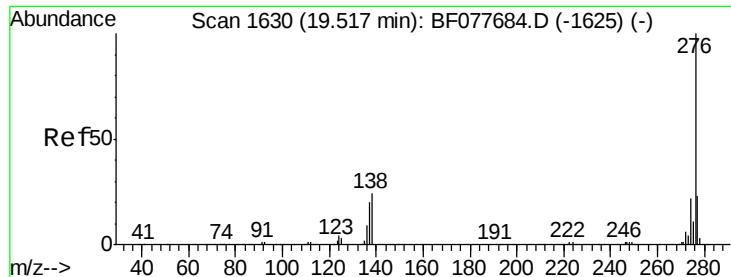
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#90
Dibenzo(a,h)anthracene
Concen: 41.33 ng
RT: 19.16 min Scan# 1599
Delta R.T. 0.07 min
Lab File: BF077916.D
Acq: 24 Mar 2015 17:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	17.0	13.4	20.0
279	24.3	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 40.00 ng

RT: 19.54 min Scan# 1632

Delta R.T. 0.07 min

Lab File: BF077916.D

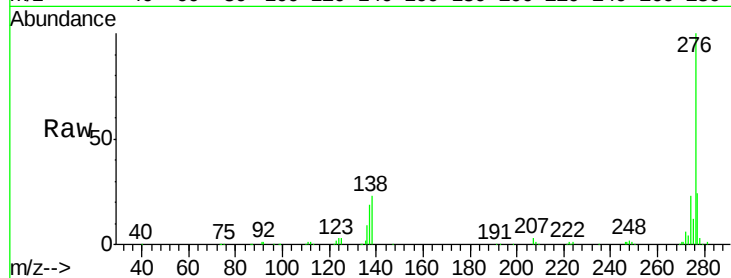
Acq: 24 Mar 2015 17:27

Instrument :

BNA_F

ClientSampleId :

PB82241BSD



Tgt Ion: 276 Resp: 362723

Ion Ratio Lower Upper

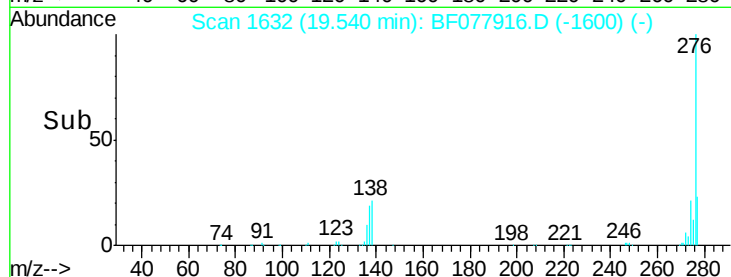
276 100

277 24.1 18.5 27.7

138 22.6 19.0 28.6

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

