

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082472.D
 Acq On : 23 Oct 2015 18:29
 Operator : UM/IZ
 Sample : PB86220BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Manual Integrations
 APPROVED

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 10/26/2015 7:22:10 PM

Quant Time: Oct 24 05:15:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	90696	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	367033	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	185020	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	367335	20.00	ng	0.00
75) Chrysene-d12	13.97	240	290040	20.00	ng	0.01
86) Perylene-d12	15.48	264	265875	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	597601	132.98	ng	0.01
7) Phenol-d6	6.41	99	792114	135.45	ng	0.00
23) Nitrobenzene-d5	7.33	82	483993	88.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	197772	113.98	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1054216	94.49	ng	0.00
78) Terphenyl-d14	12.88	244	984398	89.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	74044	32.79	ng	# 96
3) Pyridine	3.04	79	187772	35.76	ng	97
4) n-Nitrosodimethylamine	3.01	42	93272	41.88	ng	99
6) Aniline	6.42	93	192459	25.53	ng	# 1
8) 2-Chlorophenol	6.54	128	230839	42.08	ng	# 78
9) Benzaldehyde	6.30	77	77119	25.82	ng	92
10) Phenol	6.42	94	321660	47.71	ng	94
11) bis(2-Chloroethyl)ether	6.49	93	222845	39.08	ng	89
12) 1,3-Dichlorobenzene	6.69	146	255729	40.03	ng	95
13) 1,4-Dichlorobenzene	6.77	146	264424	39.63	ng	96
14) 1,2-Dichlorobenzene	6.93	146	260654m	41.14	ng	
15) Benzyl Alcohol	6.91	79	187906	46.55	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	316786	39.90	ng	79
17) 2-Methylphenol	7.03	107	190233	43.85	ng	93
18) Hexachloroethane	7.26	117	92288	40.41	ng	95
19) n-Nitroso-di-n-propylamine	7.18	70	165505	40.30	ng	# 89
20) 3+4-Methylphenols	7.19	107	250694	48.49	ng	# 62
22) Acetophenone	7.18	105	326465	44.96	ng	# 89
24) Nitrobenzene	7.35	77	256944	43.43	ng	91
25) Isophorone	7.59	82	465122	42.17	ng	97
26) 2-Nitrophenol	7.67	139	133134	45.07	ng	93
27) 2,4-Dimethylphenol	7.71	122	237359	49.87	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	290227	45.22	ng	100
29) 2,4-Dichlorophenol	7.91	162	217349	45.69	ng	94
30) 1,2,4-Trichlorobenzene	7.99	180	234479	42.76	ng	99
31) Naphthalene	8.07	128	693273	43.57	ng	99
32) Benzoic acid	7.86	122	127558	39.94	ng	97
33) 4-Chloroaniline	8.13	127	122469	18.53	ng	97
34) Hexachlorobutadiene	8.18	225	132707	38.84	ng	97
35) Caprolactam	8.50	113	62017m	44.92	ng	
36) 4-Chloro-3-methylphenol	8.63	107	222509	47.83	ng	# 83
37) 2-Methylnaphthalene	8.75	142	476185	43.17	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	242599	44.08	ng	98
40) Hexachlorocyclopentadiene	8.90	237	160318	59.90	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	151239	41.38	ng	99
43) 2,4,5-Trichlorophenol	9.10	196	164564	41.56	ng	97
45) 1,1'-Biphenyl	9.22	154	572256	40.56	ng	98
46) 2-Chloronaphthalene	9.25	162	453851	40.86	ng	# 93
47) 2-Nitroaniline	9.36	65	144996	47.55	ng	# 70
48) Acenaphthylene	9.67	152	787498	45.52	ng	99
49) Dimethylphthalate	9.53	163	547161	42.00	ng	100
50) 2,6-Dinitrotoluene	9.60	165	129964	47.28	ng	90
51) Acenaphthene	9.84	154	444397	42.78	ng	99
52) 3-Nitroaniline	9.77	138	67869	21.86	ng	99
53) 2,4-Dinitrophenol	9.89	184	113104	74.14	ng	98
54) Dibenzofuran	10.01	168	684659	48.01	ng	99
55) 4-Nitrophenol	9.95	139	130988	65.75	ng	# 84
56) 2,4-Dinitrotoluene	10.01	165	166377	48.42	ng	92
57) Fluorene	10.35	166	564048	48.16	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	138398	42.78	ng	95
59) Diethylphthalate	10.23	149	560636	46.16	ng	97
60) 4-Chlorophenyl-phenylether	10.34	204	240866	44.89	ng	100
61) 4-Nitroaniline	10.39	138	122767	40.76	ng	96
62) Azobenzene	10.50	77	541300	45.54	ng	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	88767	43.06	ng	86
65) n-Nitrosodiphenylamine	10.47	169	465488	42.32	ng	100
66) 4-Bromophenyl-phenylether	10.83	248	158667	43.16	ng	98
67) Hexachlorobenzene	10.89	284	163806	41.20	ng	# 60
68) Atrazine	11.01	200	171816	49.31	ng	96
69) Pentachlorophenol	11.10	266	150266	73.45	ng	98
70) Phenanthrene	11.31	178	813957	45.21	ng	100
71) Anthracene	11.37	178	851145	45.87	ng	100
72) Carbazole	11.53	167	763140	45.09	ng	97
73) Di-n-butylphthalate	11.85	149	855985	41.00	ng	99
74) Fluoranthene	12.50	202	843310	43.61	ng	98
76) Benzidine	12.64	184	295134	35.11	ng	98
77) Pyrene	12.73	202	820438	47.66	ng	99
79) Butylbenzylphthalate	13.37	149	394181	50.18	ng	# 78
80) Benzo(a)anthracene	13.96	228	716146	47.46	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	175192	30.58	ng	# 98
82) Chrysene	14.00	228	728495	45.81	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	537520	47.96	ng	# 98
84) Di-n-octyl phthalate	14.62	149	917192	47.66	ng	99
85) Indeno(1,2,3-cd)pyrene	16.87	276	580799	45.95	ng	98
87) Benzo(h)fluoranthene	15.06	252	640474m	39.59	ng	
88) Benzo(k)fluoranthene	15.10	252	688019m	50.60	ng	
89) Benzo(a)pyrene	15.42	252	632753	45.52	ng	# 96
90) Dibenzo(a,h)anthracene	16.88	278	493473	43.32	ng	99
91) Benzo(g,h,i)perylene	17.28	276	477809	43.17	ng	98

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

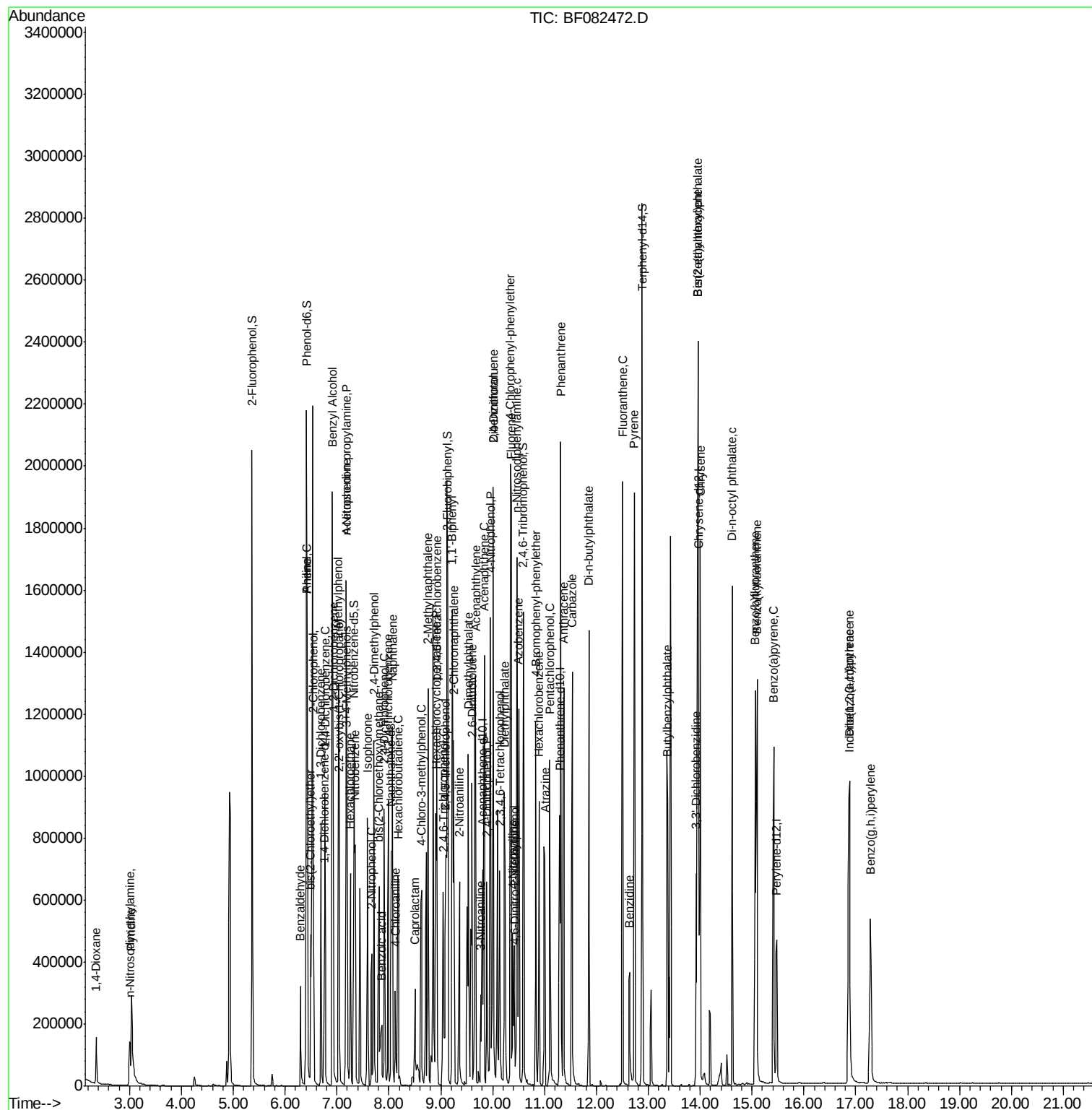
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082472.D
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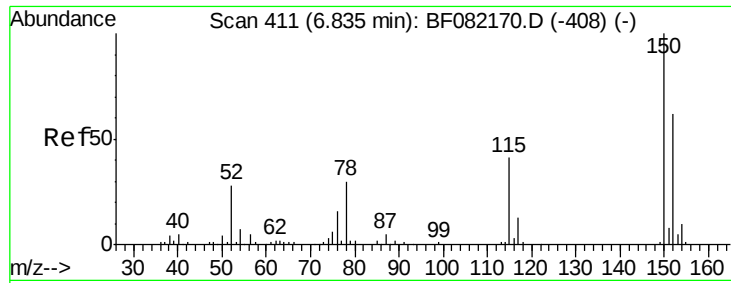
Instrument :
BNA_F
ClientSampleID :
PB86220BS

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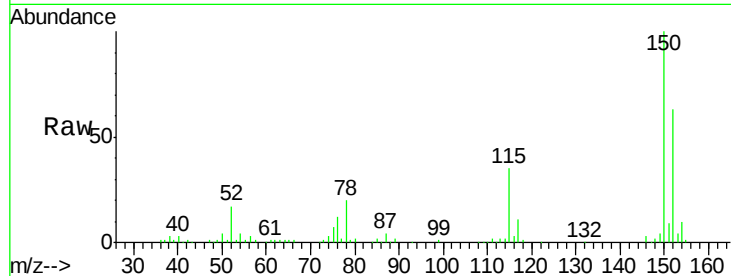




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

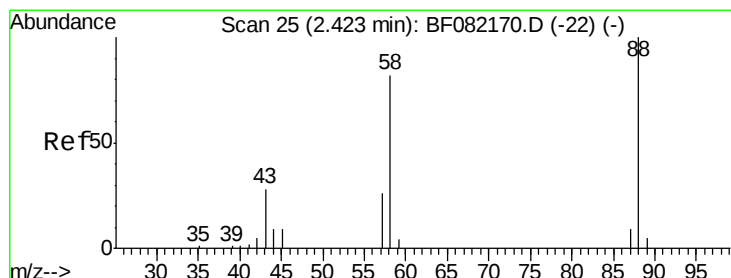
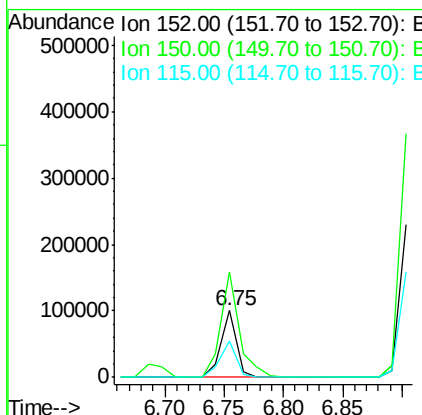
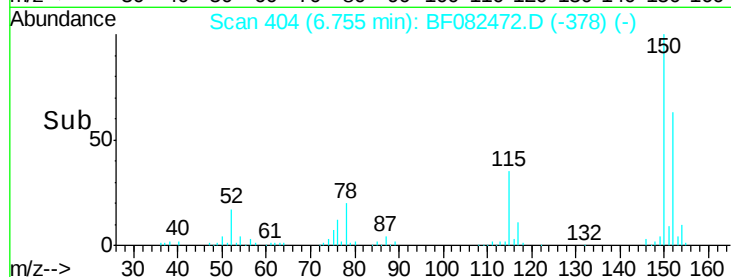
Instrument :
BNA_F
ClientSampleId :
PB86220BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.6	129.0	193.4
115	55.1	52.1	78.1

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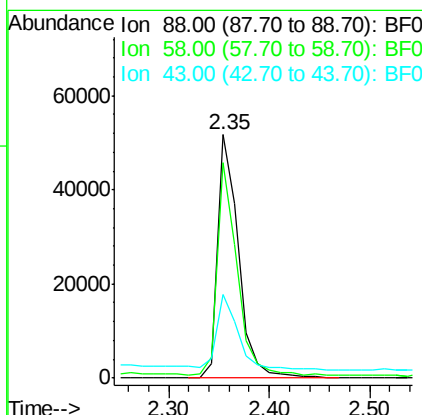
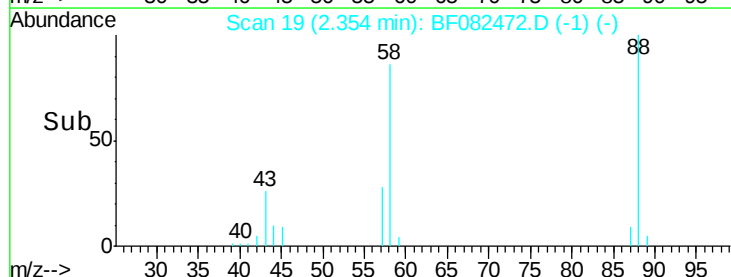
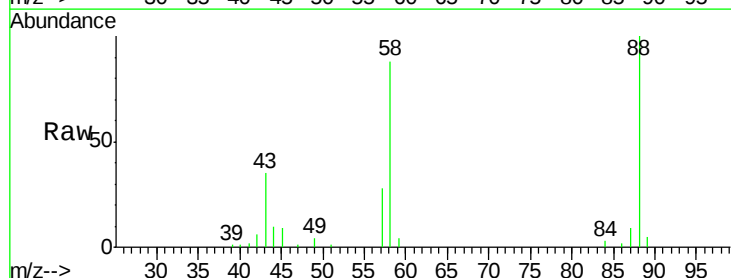
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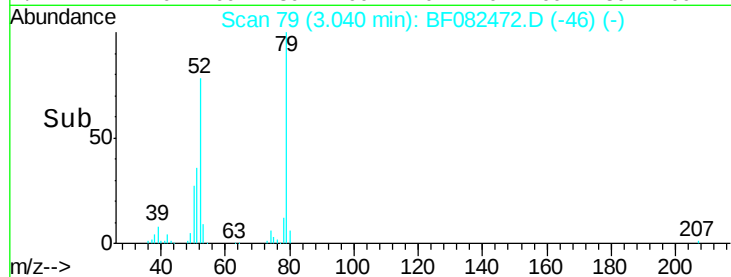
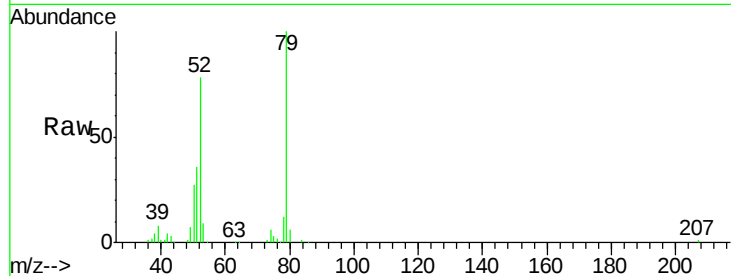
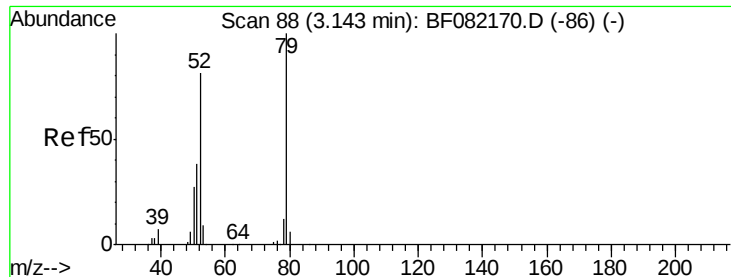


#2

1,4-Dioxane
Concen: 32.79 ng
RT: 2.35 min Scan# 19
Delta R.T. 0.09 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	66.2	99.4
43	34.6	23.0	34.4





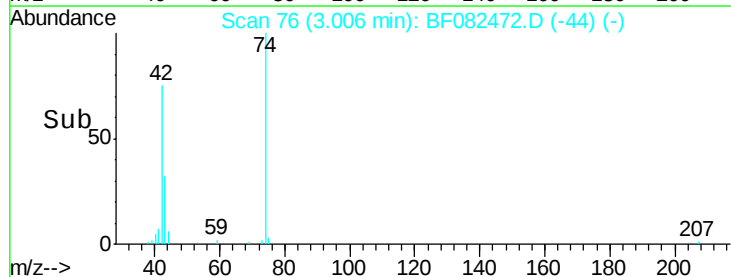
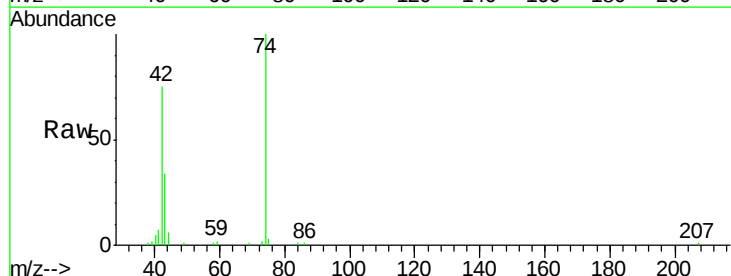
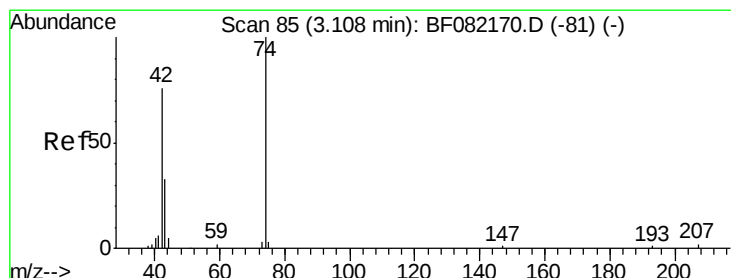
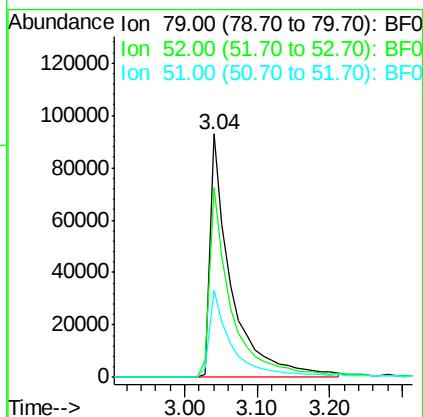
#3
 Pyridine
 Concen: 35.76 ng
 RT: 3.04 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Lower	Upper
79	100		
52	77.9	64.4	96.6
51	36.1	30.5	45.7

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

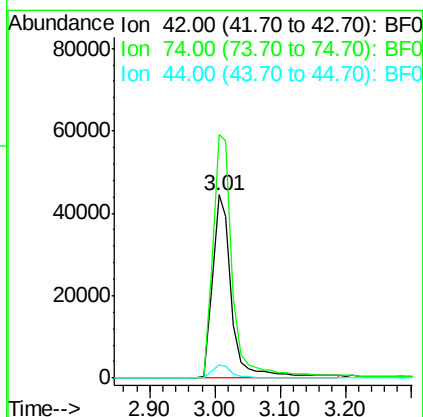
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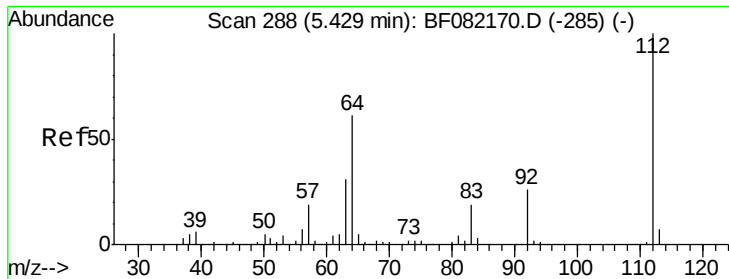
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#4
 n-Nitrosodimethylamine
 Concen: 41.88 ng
 RT: 3.01 min Scan# 76
 Delta R.T. 0.07 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.8	105.7	158.5
44	7.4	5.4	8.2





#5

2-Fluorophenol

Concen: 132.98 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082472.D

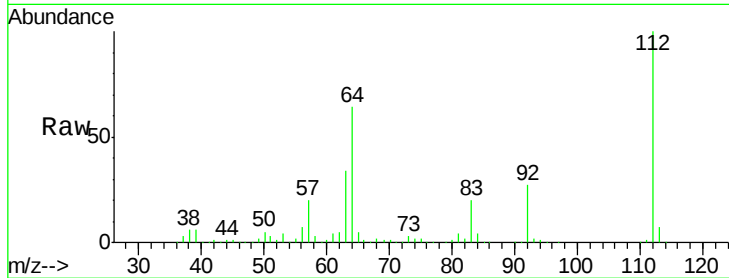
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Instrument :

BNA_F

ClientSampleId :

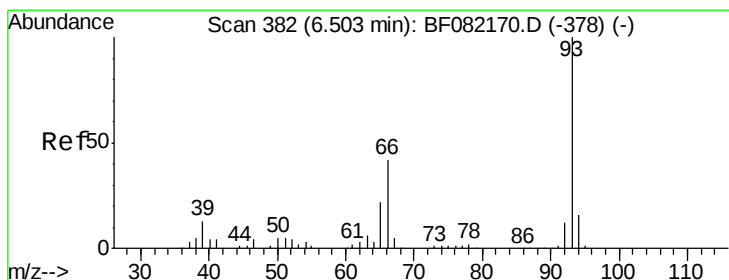
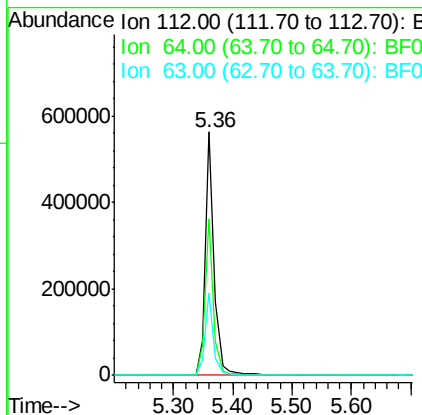
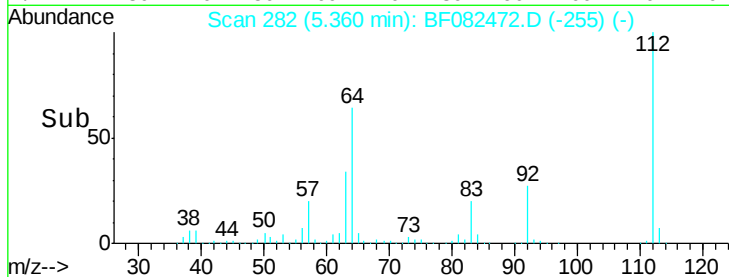
PB86220BS



Tgt Ion:	112	Resp:	597601
Ion Ratio	Lower	Upper	
112	100		
64	64.2	48.6	73.0
63	34.0	25.1	37.7

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#6

Aniline

Concen: 25.53 ng

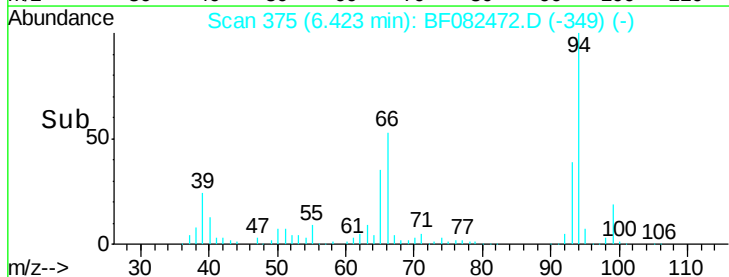
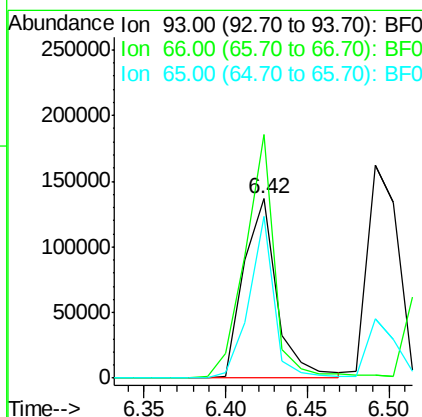
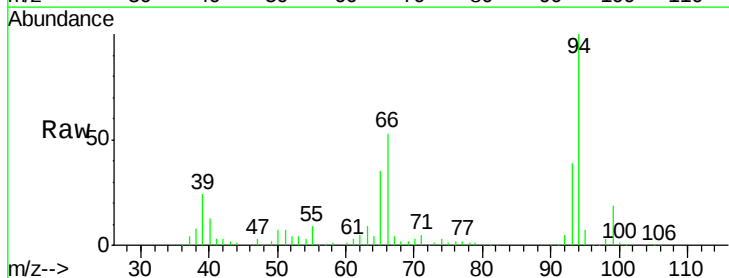
RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:	93	Resp:	192459
Ion Ratio	Lower	Upper	
93	100		
66	135.7	34.2	51.2#
65	90.2	17.9	26.9#





#7

Phenol-d6

Concen: 135.45 ng

RT: 6.41 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF082472.D

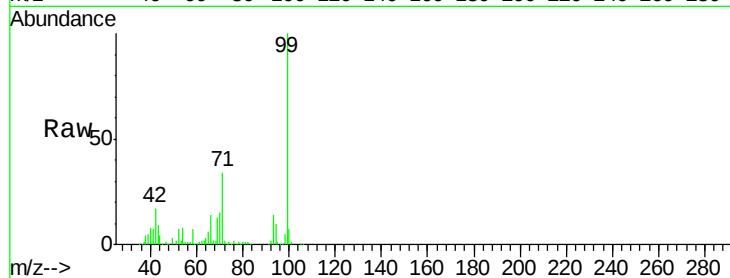
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Instrument :

BNA_F

ClientSampleId :

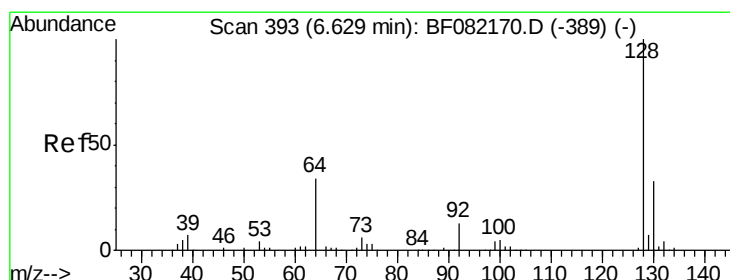
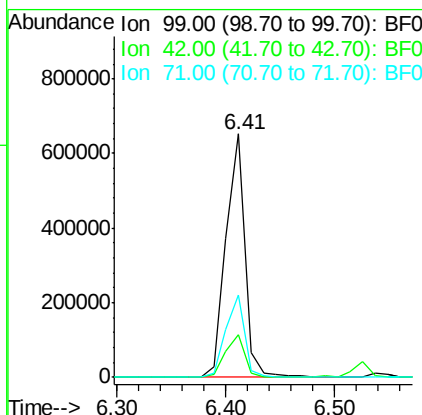
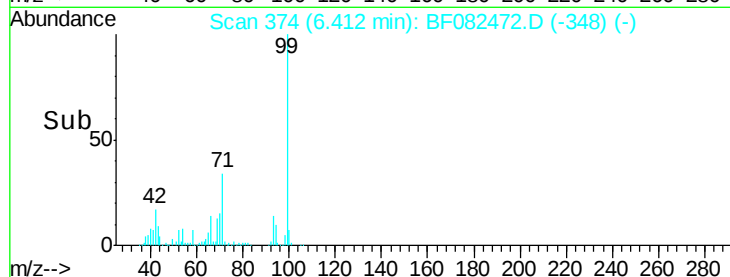
PB86220BS



Tgt Ion:	99	Resp:	792114
Ion Ratio	Lower	Upper	
99	100		
42	17.4	13.2	19.8
71	33.9	25.6	38.4

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#8

2-Chlorophenol

Concen: 42.08 ng

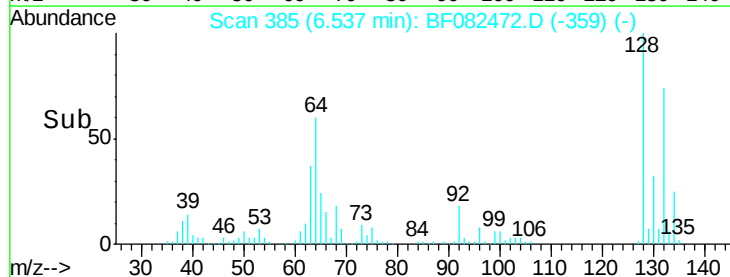
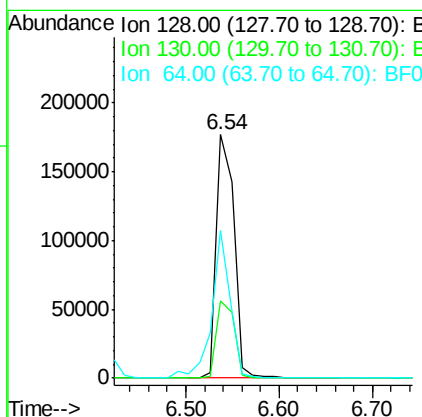
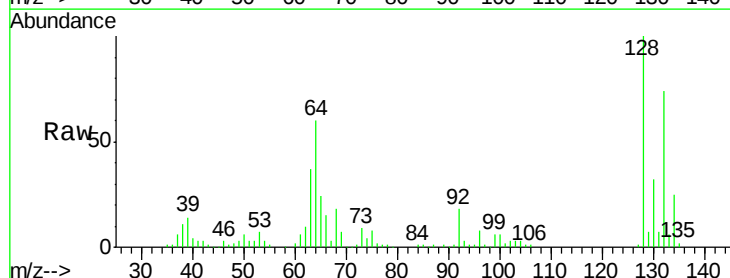
RT: 6.54 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:	128	Resp:	230839
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.6	52.6
64	60.4	16.7	56.7#





#9

Benzaldehyde

Concen: 25.82 ng

RT: 6.30 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF082472.D

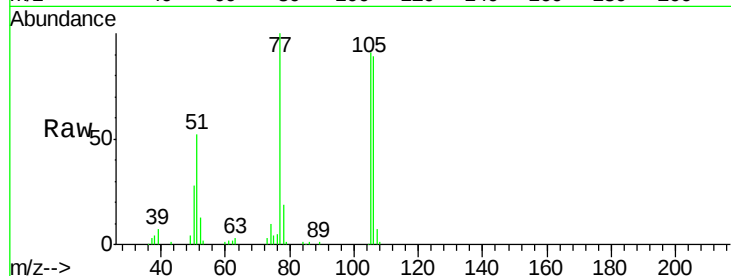
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Instrument :

BNA_F

ClientSampleId :

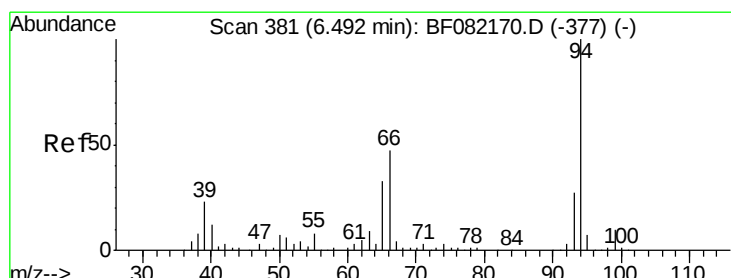
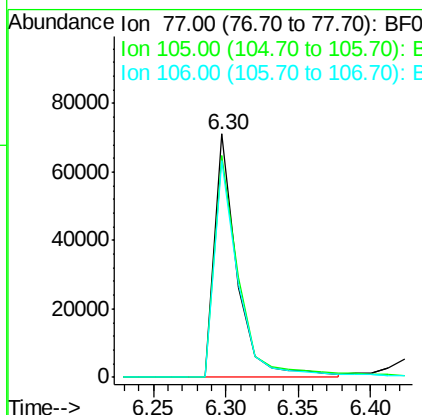
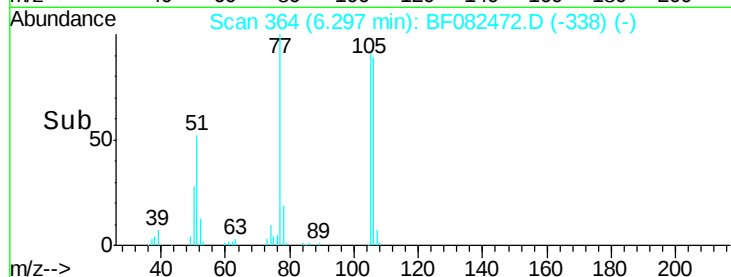
PB86220BS



Tgt Ion:	77	Resp:	77119
Ion	Ratio	Lower	Upper
77	100		
105	91.1	80.6	120.6
106	89.3	75.5	115.5

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#10

Phenol

Concen: 47.71 ng

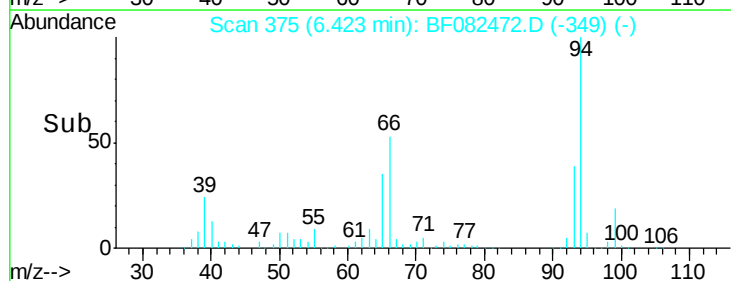
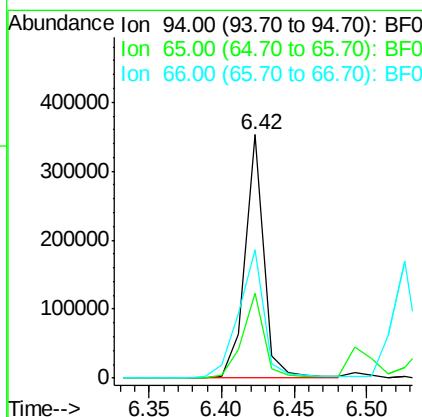
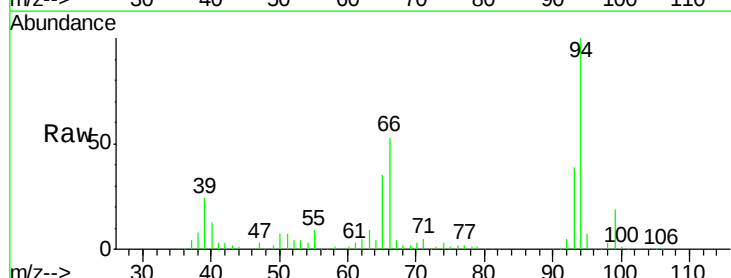
RT: 6.42 min Scan# 375

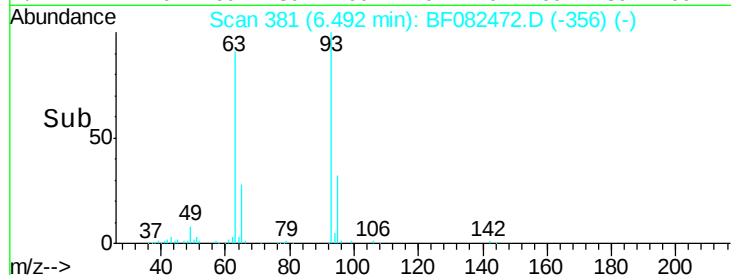
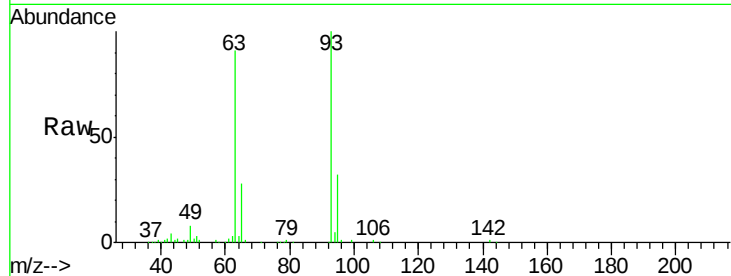
Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:	94	Resp:	321660
Ion	Ratio	Lower	Upper
94	100		
65	34.9	12.6	52.6
66	52.6	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 39.08 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:	93	Resp:	222845
Ion	Ratio	Lower	Upper
93	100		
63	91.0	57.1	97.1
95	31.9	11.9	51.9

Instrument :

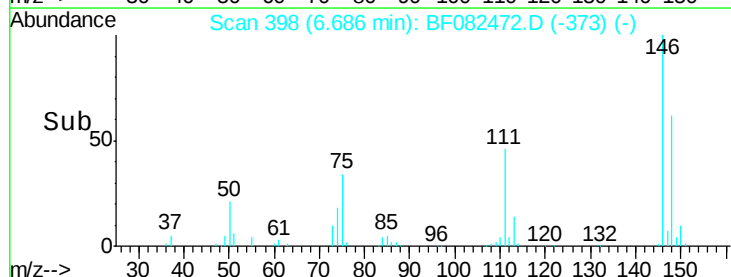
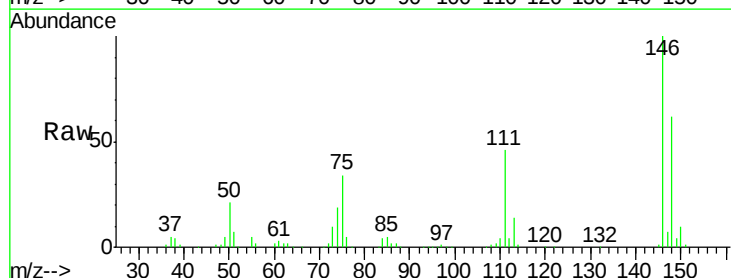
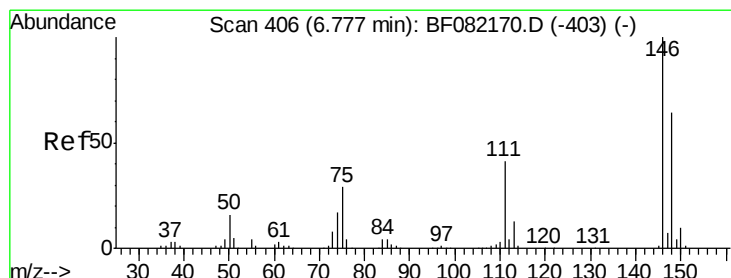
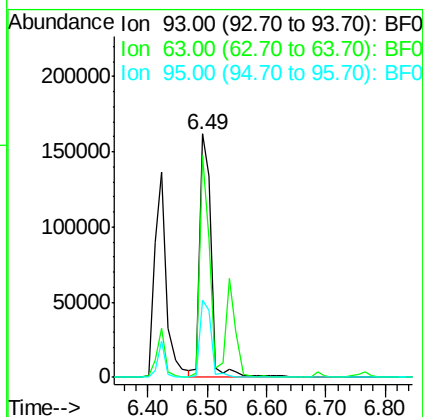
BNA_F

ClientSampleId :

PB86220BS

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#12

1,3-Dichlorobenzene

Concen: 40.03 ng

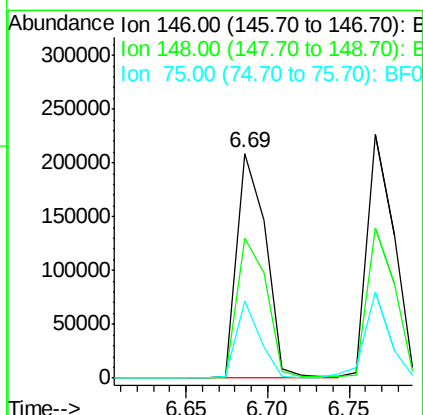
RT: 6.69 min Scan# 398

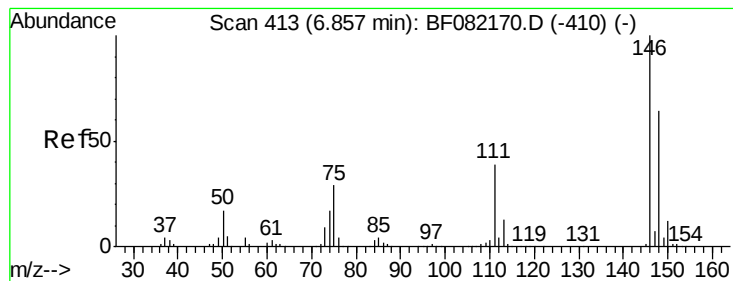
Delta R.T. -0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:	146	Resp:	255729
Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.4	77.2
75	34.4	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 39.63 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

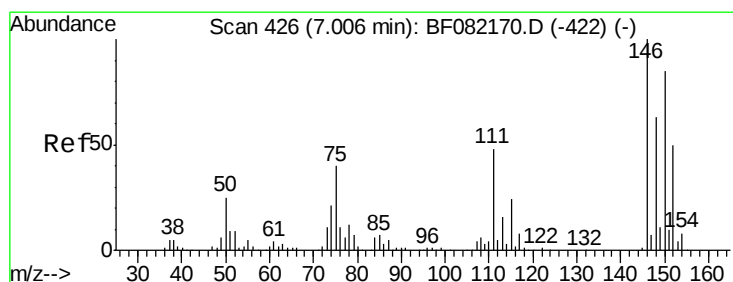
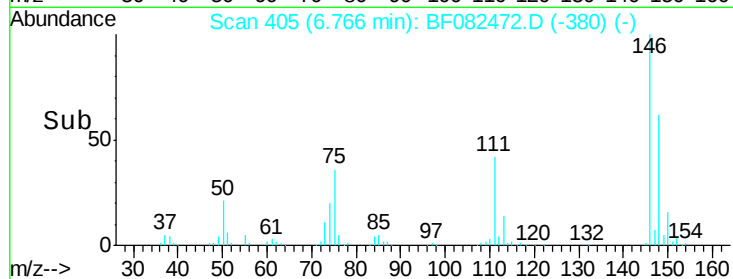
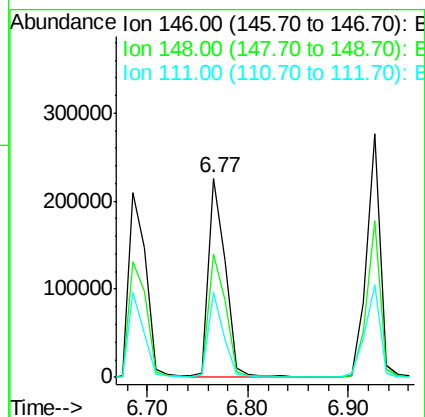
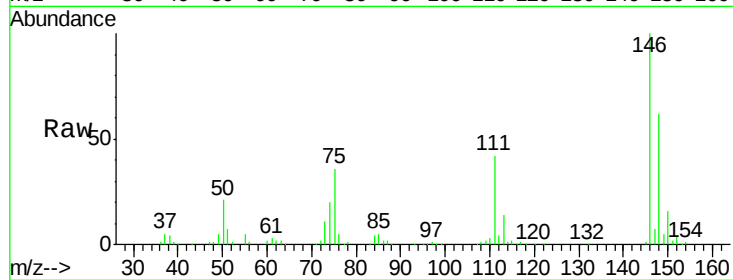
ClientSampleId :

PB86220BS

Tgt Ion:	146	Resp:	264424
Ion Ratio	Lower	Upper	
146	100		
148	61.8	51.0	76.4
111	42.4	31.1	46.7

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.14 ng m

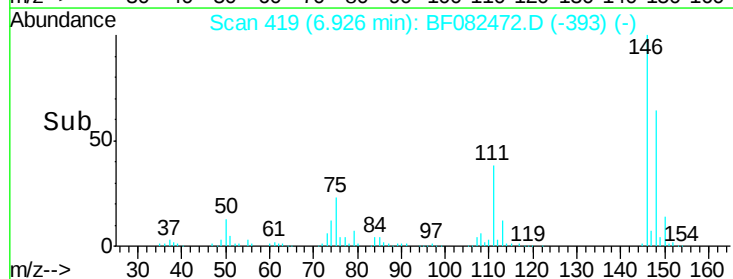
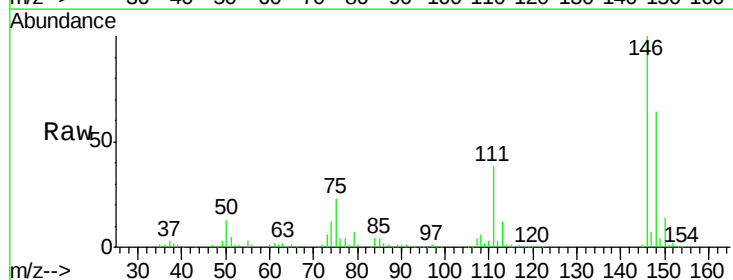
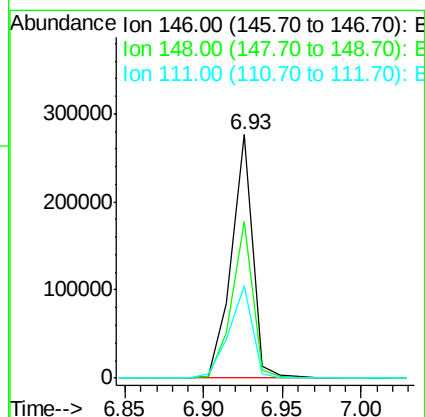
RT: 6.93 min Scan# 419

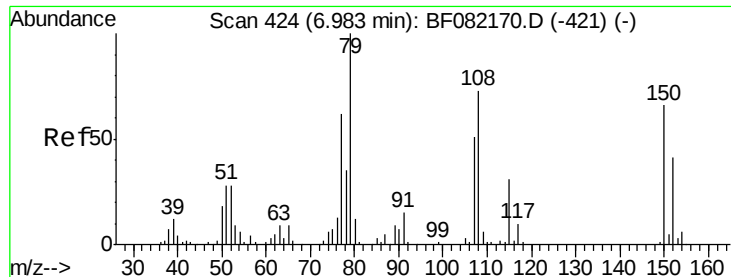
Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:	146	Resp:	260654
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.5	75.7
111	37.8	38.5	57.7#





#15

Benzyl Alcohol

Concen: 46.55 ng

RT: 6.91 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

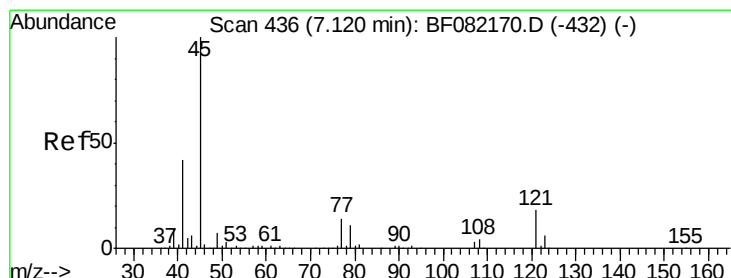
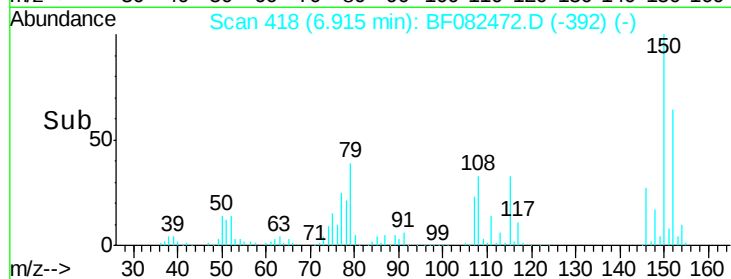
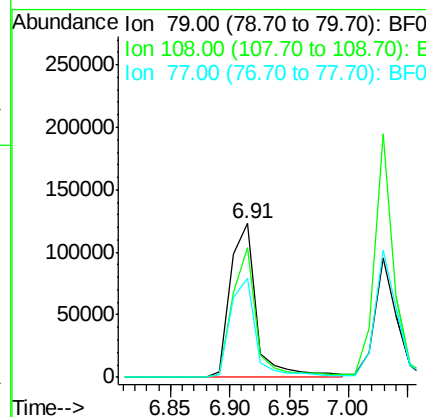
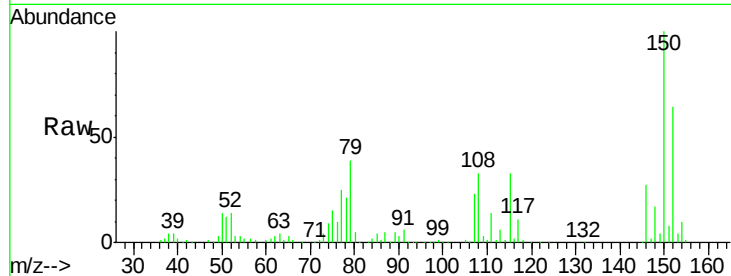
ClientSampled :

PB86220BS

Tgt Ion:	79	Resp:	187906
Ion Ratio	Lower	Upper	
79	100		
108	84.5	58.4	87.6
77	64.1	49.8	74.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.90 ng

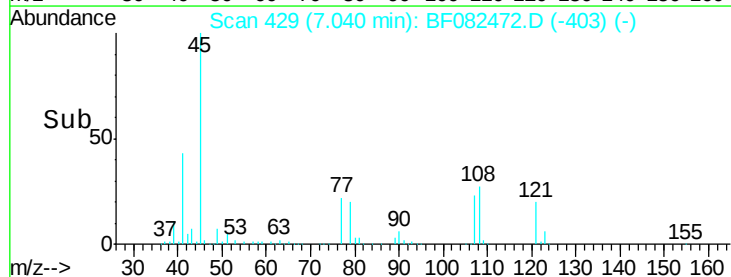
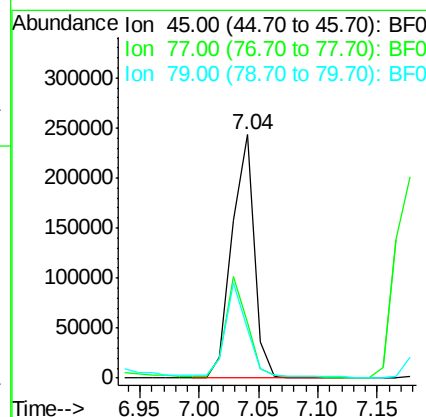
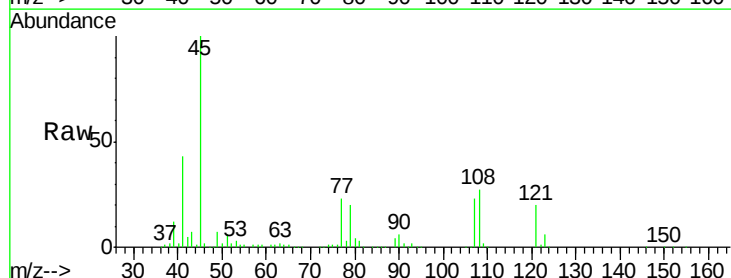
RT: 7.04 min Scan# 429

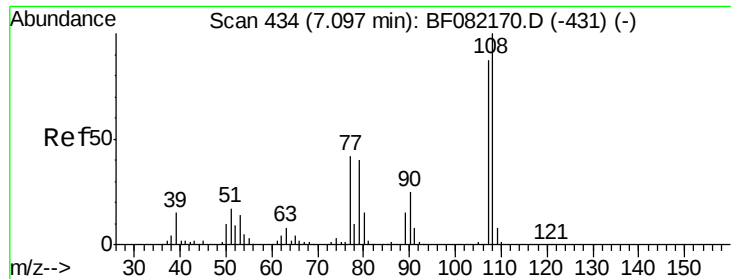
Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

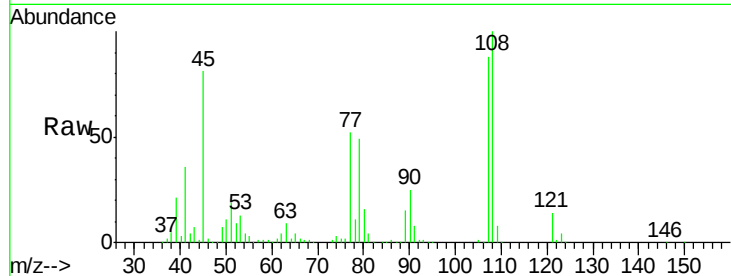
Tgt Ion:	45	Resp:	316786
Ion Ratio	Lower	Upper	
45	100		
77	22.9	0.0	34.5
79	20.2	0.0	31.6





#17
2-Methylphenol
Concen: 43.85 ng
RT: 7.03 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

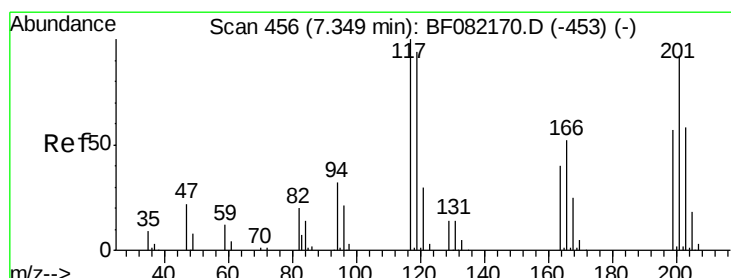
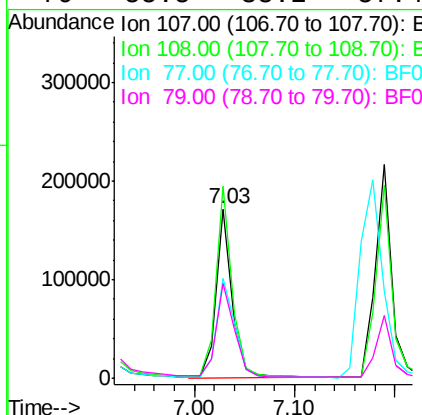
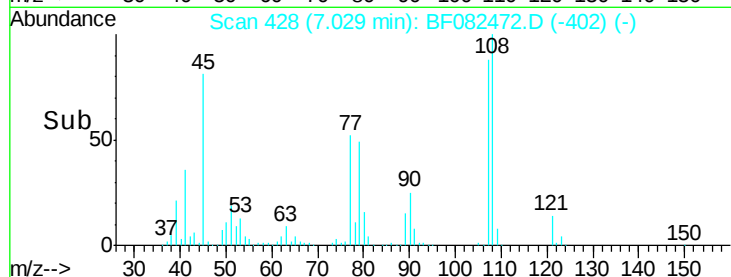
Instrument :
BNA_F
ClientSampleId :
PB86220BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	190233		
108	113.2	92.2	138.2	
77	58.8	39.6	59.4	
79	55.5	38.2	57.4	

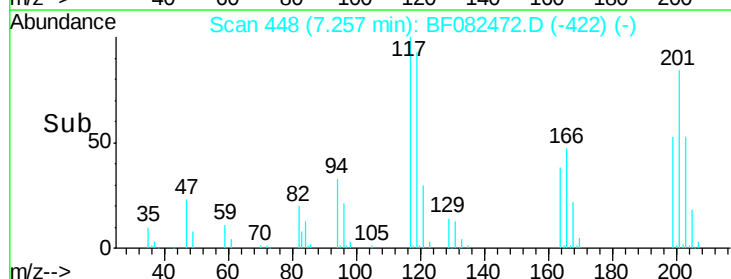
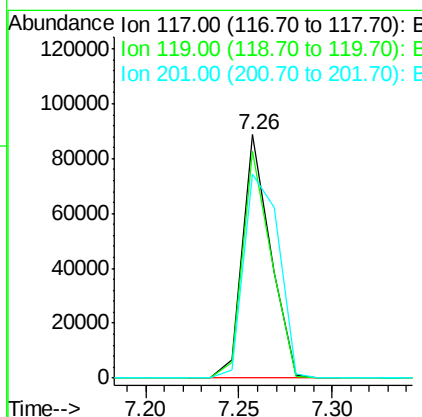
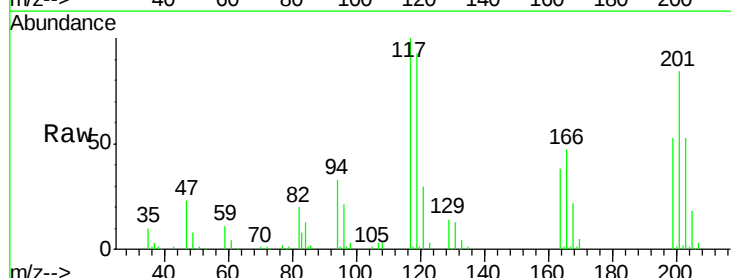
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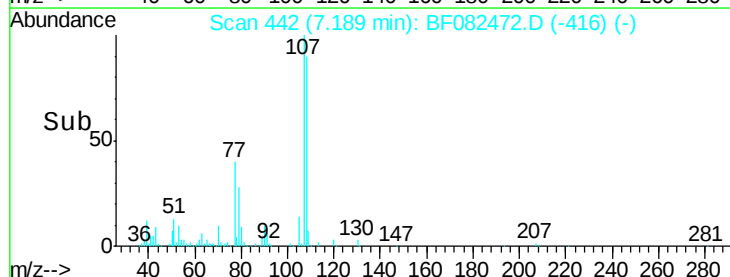
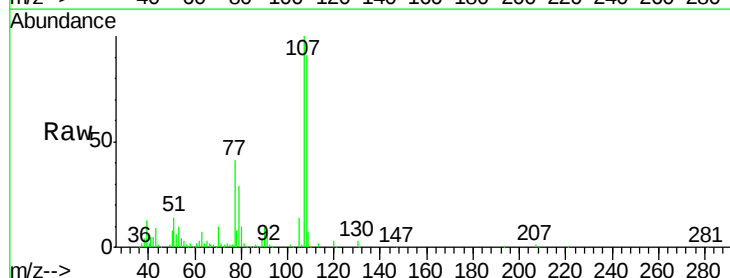
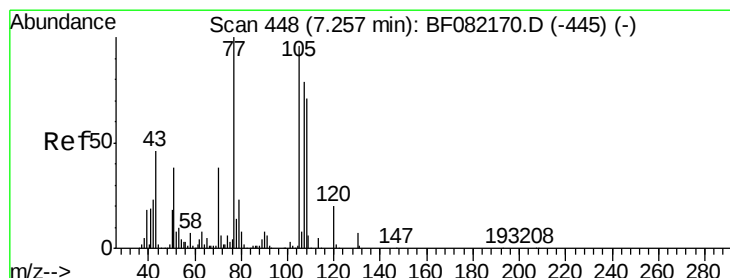
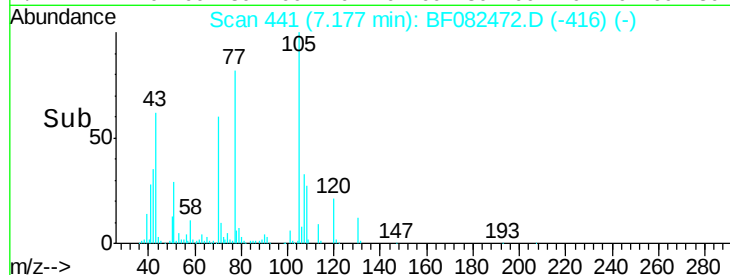
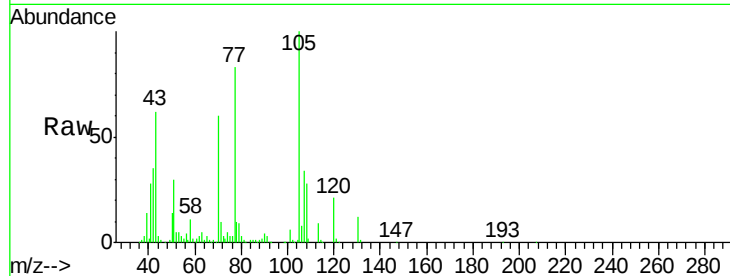
MmDadoda
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#18
Hexachloroethane
Concen: 40.41 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	92288		
119	93.3	75.4	113.2	
201	83.7	73.4	110.0	





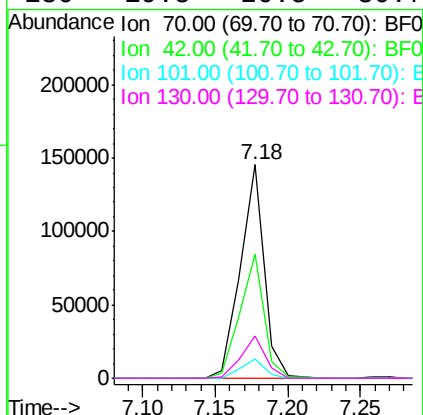
#19
n-Nitroso-di-n-propylamine
Concen: 40.30 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.4	39.8	59.8
101	9.2	8.6	13.0
130	19.5	20.5	30.7#

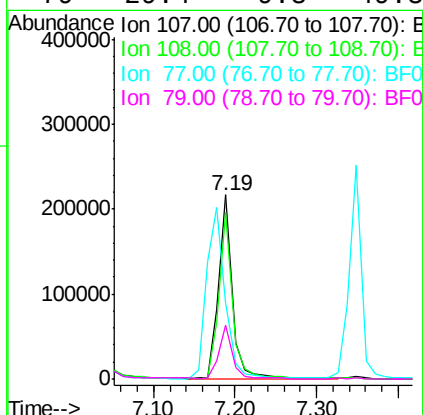
Manual Integrations
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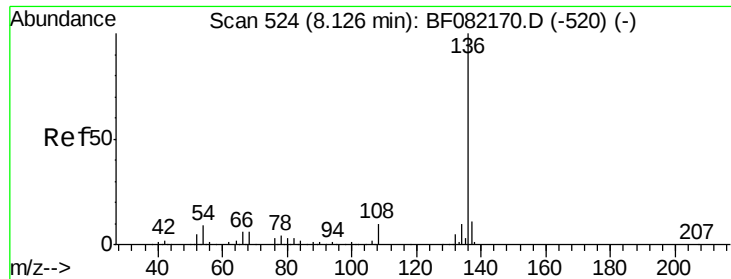
MmDadoda
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#20
3+4-Methylphenols
Concen: 48.49 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.9	109.9
77	41.1	106.0	146.0#
79	29.4	9.8	49.8





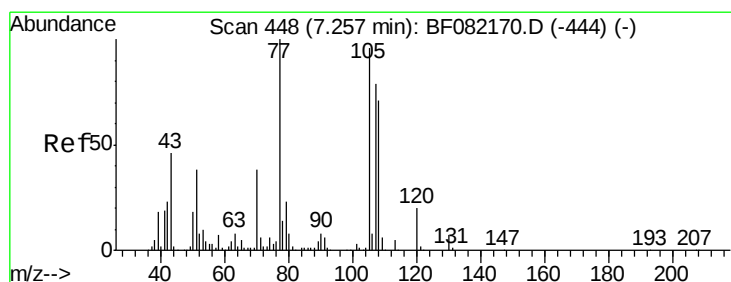
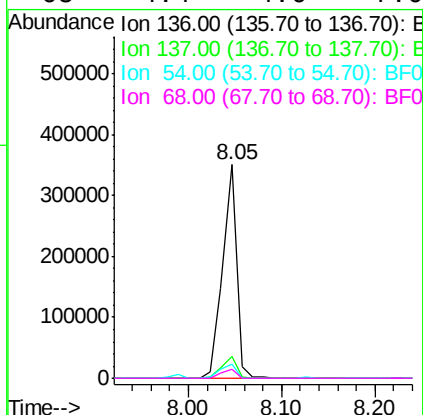
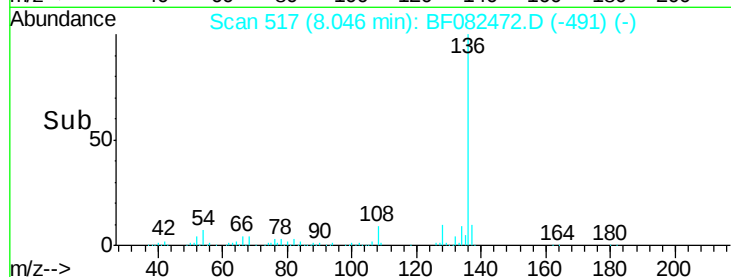
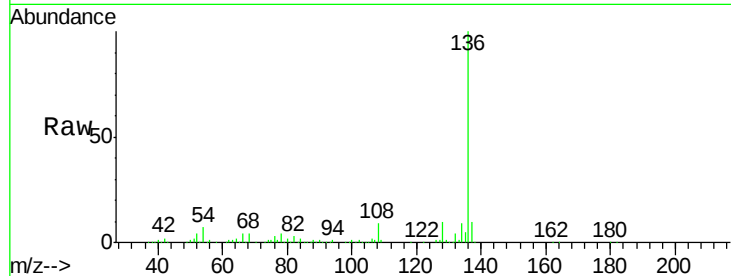
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	367033		
137	10.4	9.0	13.6	
54	6.8	7.5	11.3#	
68	4.4	4.6	7.0#	

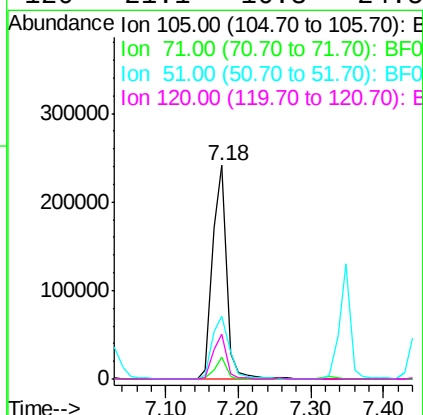
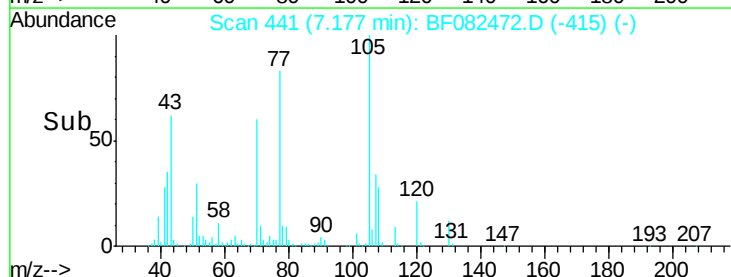
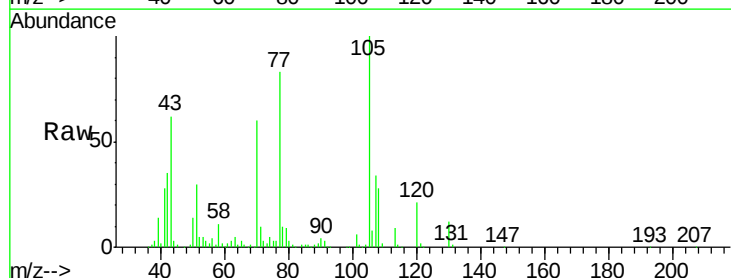
Manual Integrations
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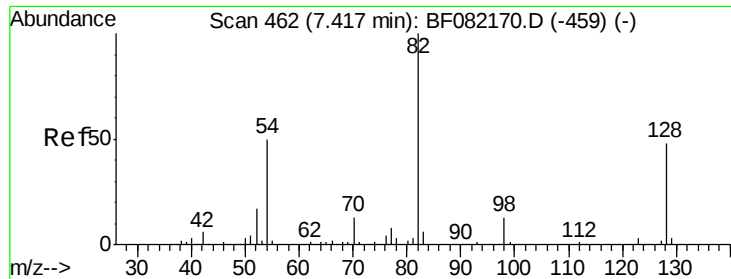
MmDadoda
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#22
Acetophenone
Concen: 44.96 ng
RT: 7.18 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	326465		
71	9.9	5.4	8.0#	
51	29.6	31.8	47.6#	
120	21.1	16.3	24.5	





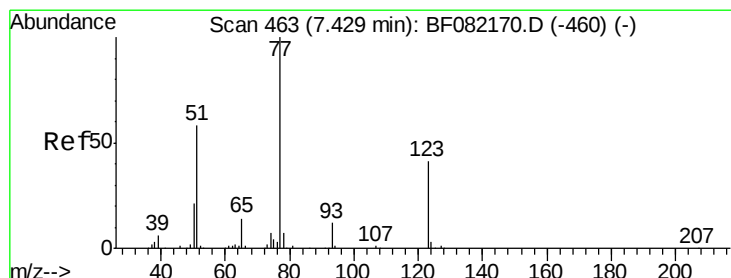
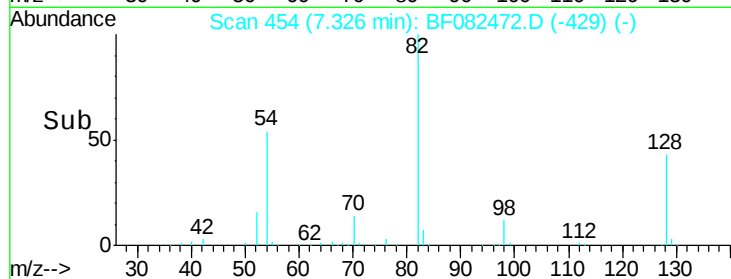
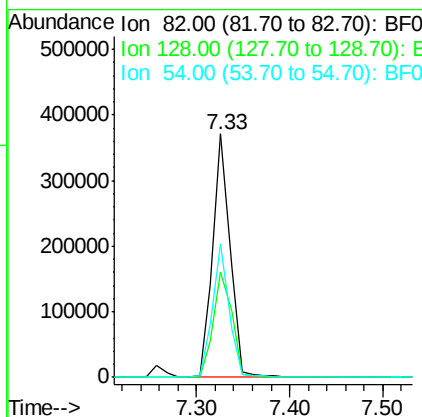
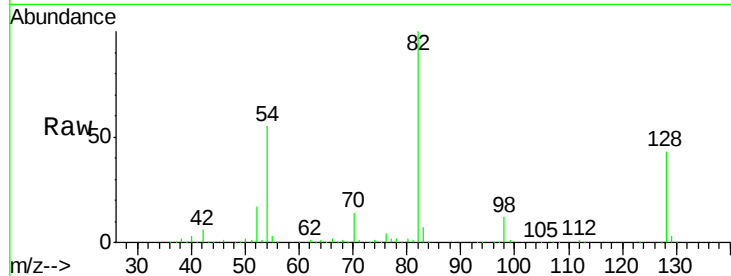
#23
 Nitrobenzene-d5
 Concen: 88.55 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	483993		
128	43.2	38.7	58.1	
54	54.8	40.1	60.1	

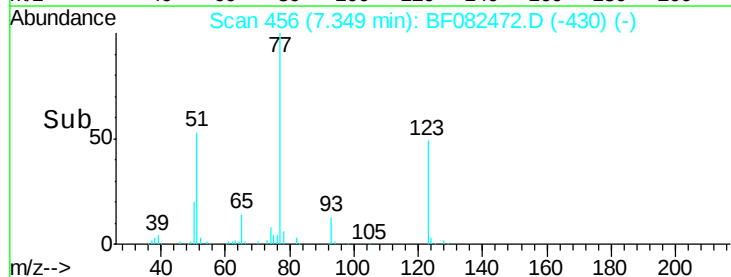
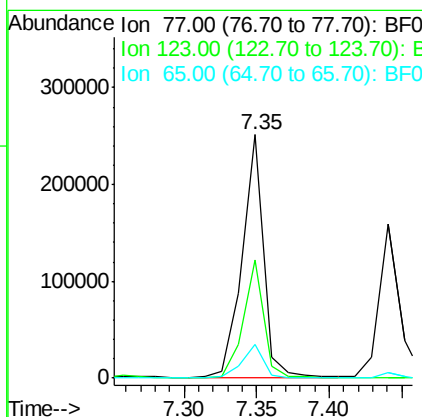
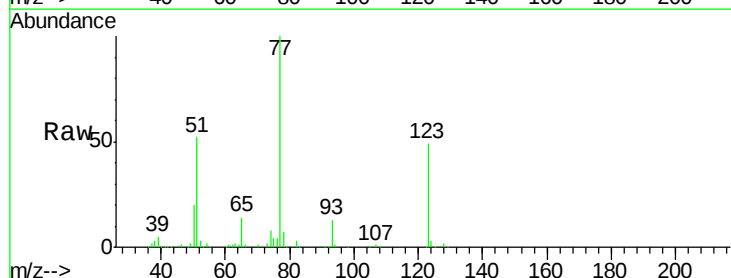
Manual Integrations
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#24
 Nitrobenzene
 Concen: 43.43 ng
 RT: 7.35 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	256944		
123	48.6	33.0	49.4	
65	13.7	11.2	16.8	





#25

Isophorone

Concen: 42.17 ng

RT: 7.59 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF082472.D

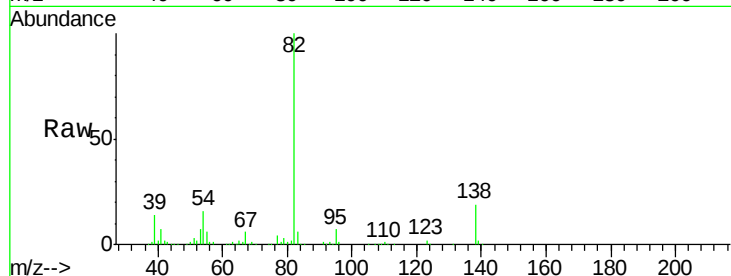
Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

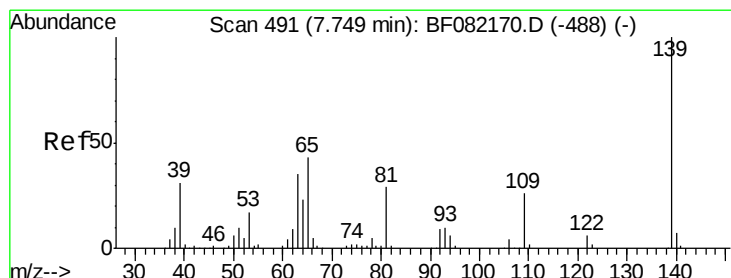
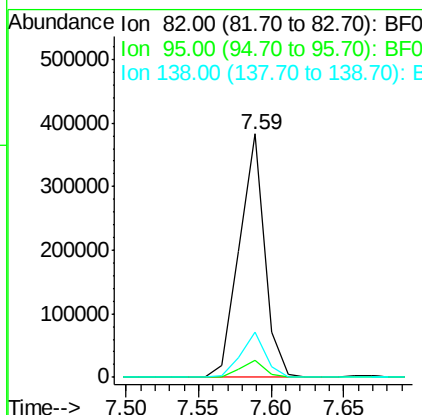
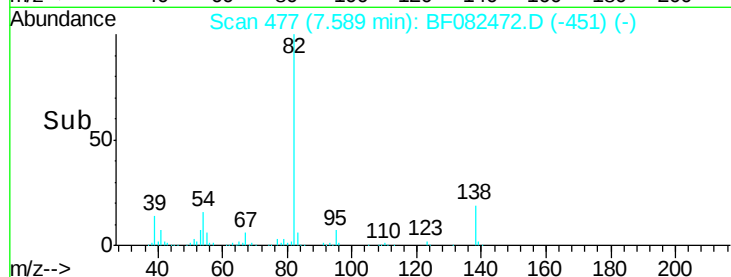
PB86220BS



Tgt Ion:	82	Resp:	465122
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	18.6	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.07 ng

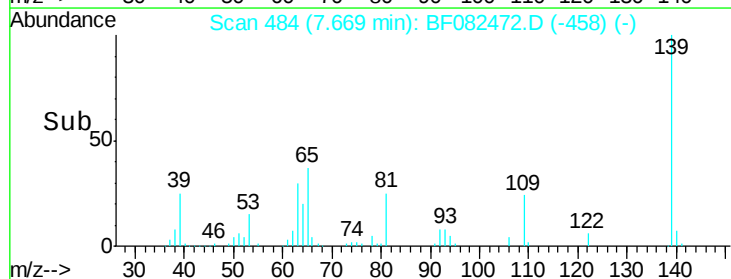
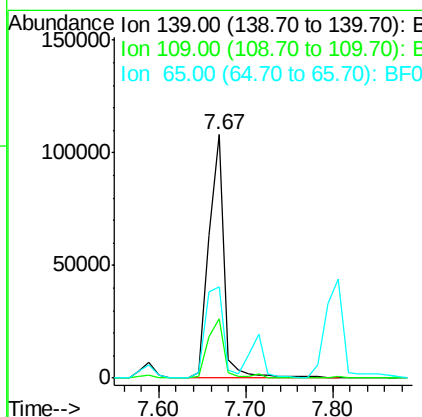
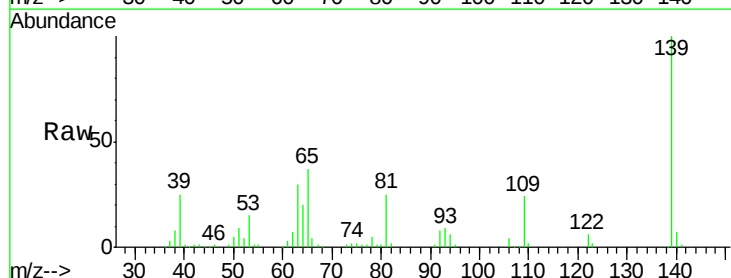
RT: 7.67 min Scan# 484

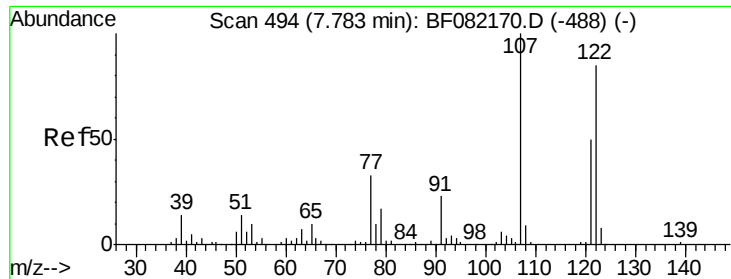
Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:	139	Resp:	133134
Ion Ratio	Lower	Upper	
139	100		
109	24.1	20.6	31.0
65	37.4	34.3	51.5





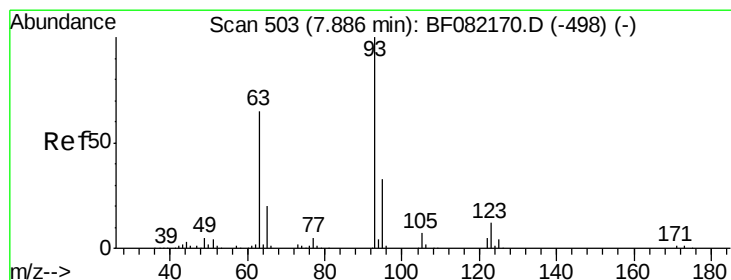
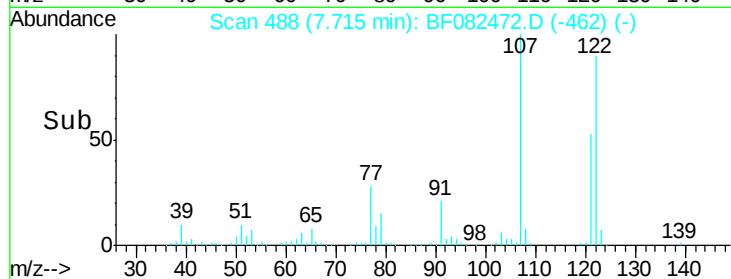
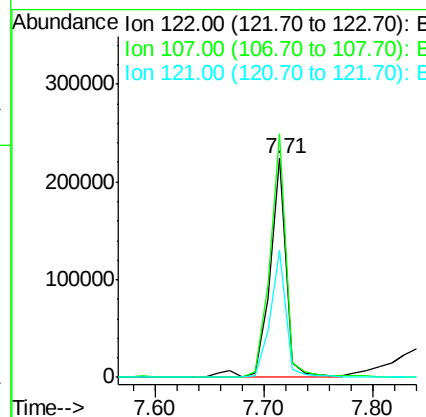
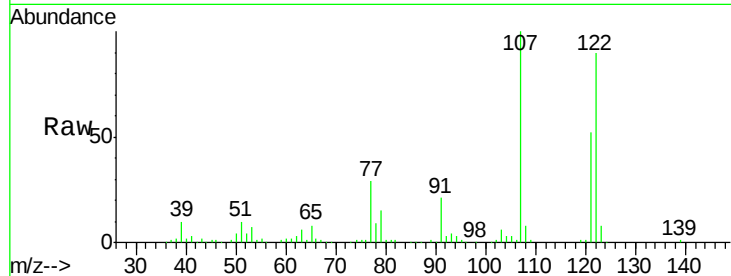
#27
2,4-Dimethylphenol
Concen: 49.87 ng
RT: 7.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	237359		
107	111.1	94.0	141.0	
121	58.3	46.8	70.2	

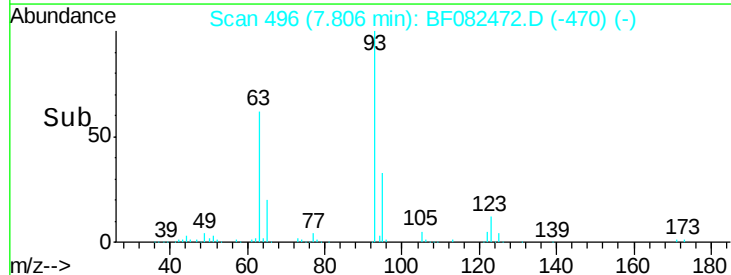
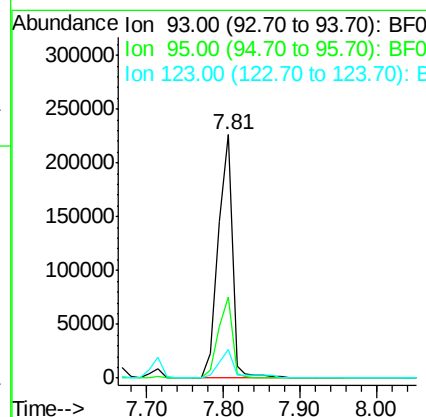
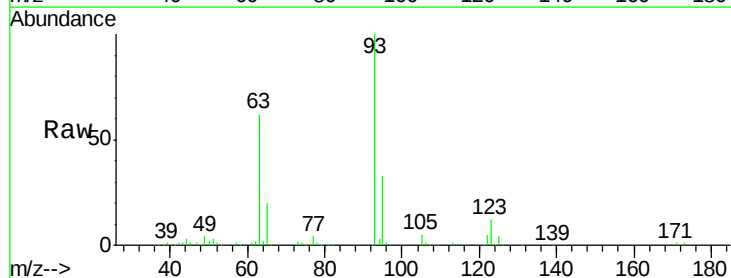
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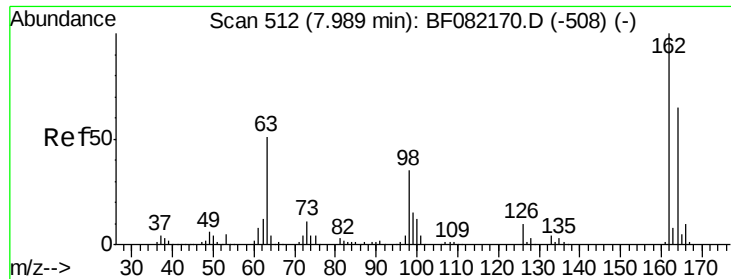
MmDadoda
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#28
bis(2-Chloroethoxy)methane
Concen: 45.22 ng
RT: 7.81 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	290227		
95	33.2	26.6	39.8	
123	11.8	9.5	14.3	





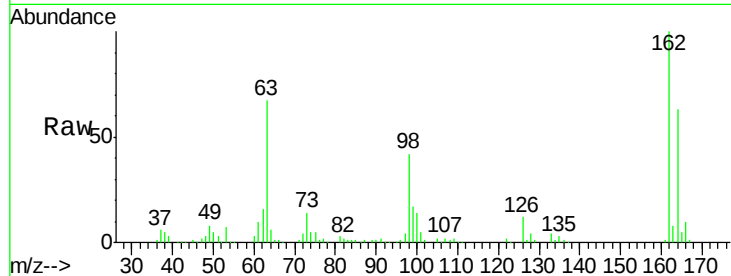
#29
 2,4-Dichlorophenol
 Concen: 45.69 ng
 RT: 7.91 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

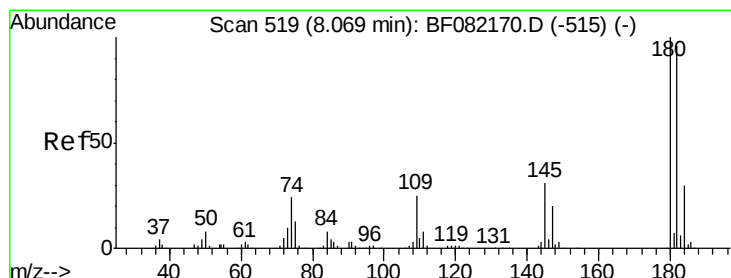
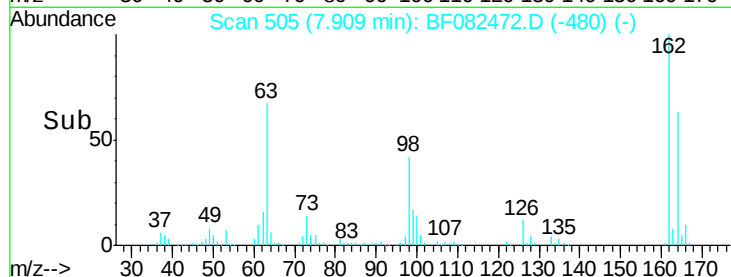
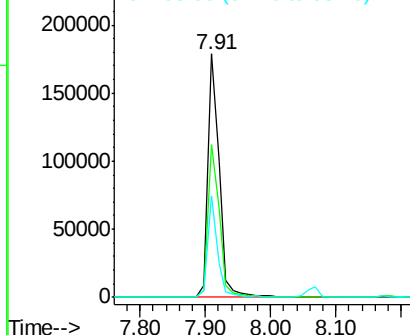
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	217349		
164	62.5	44.6	84.6	
98	41.6	15.0	55.0	

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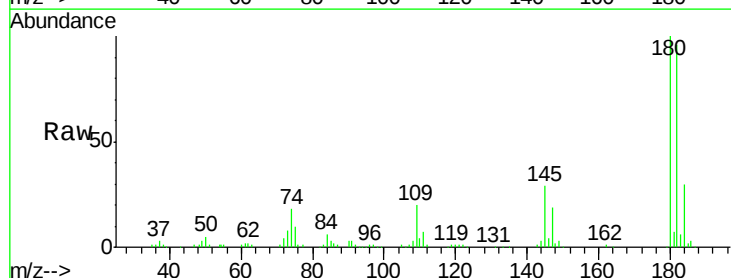


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

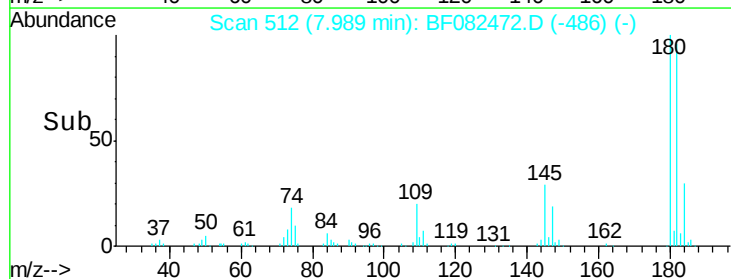
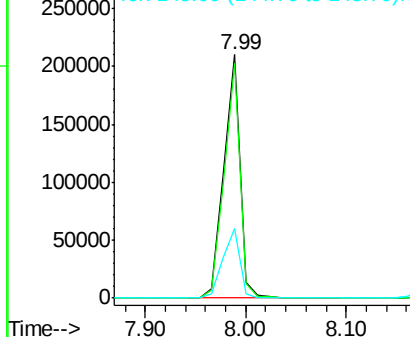


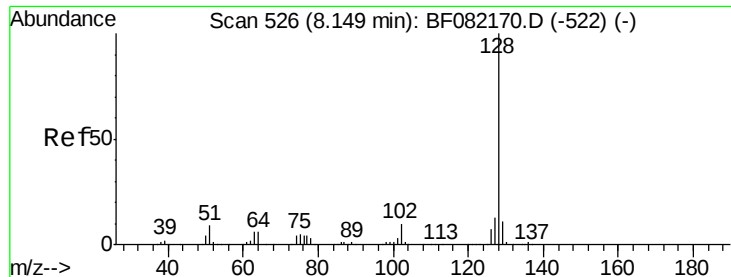
#30
 1,2,4-Trichlorobenzene
 Concen: 42.76 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	234479		
182	96.5	77.0	115.4	
145	28.5	25.0	37.4	



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





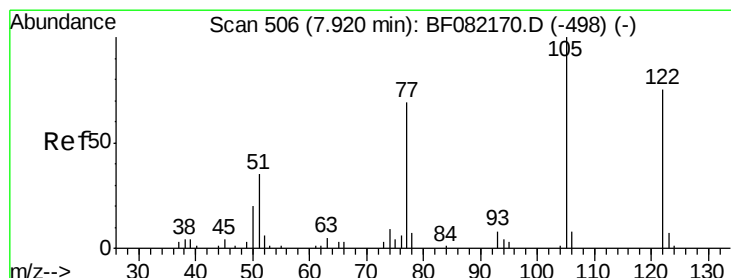
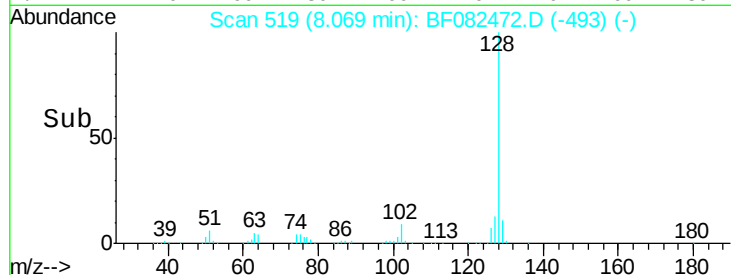
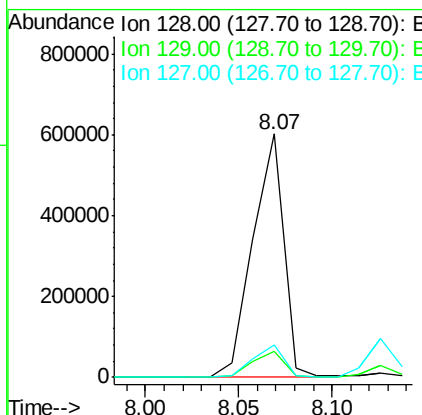
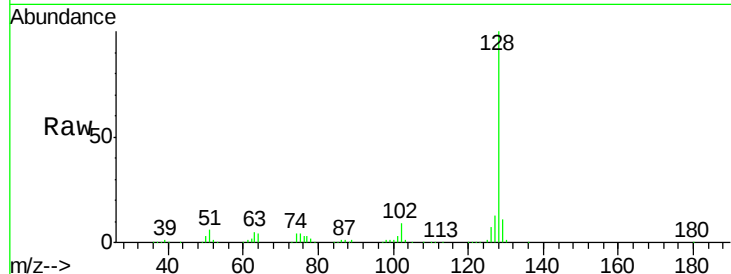
#31
Naphthalene
Concen: 43.57 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	693273		
129	10.9		9.1	13.7
127	13.4		10.7	16.1

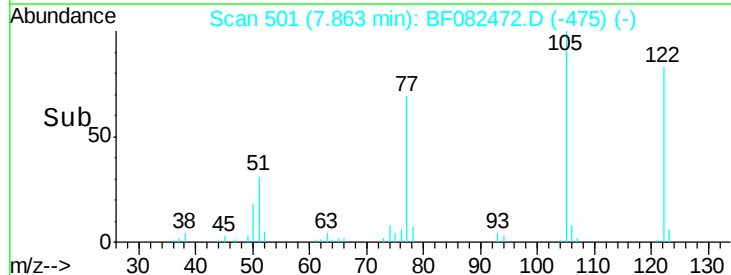
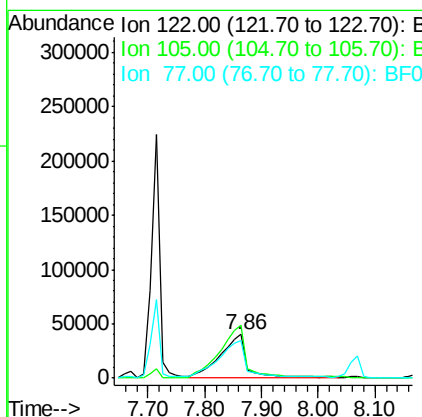
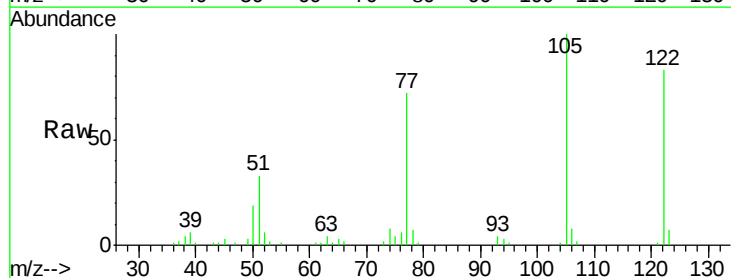
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#32
Benzoic acid
Concen: 39.94 ng
RT: 7.86 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	127558		
105	120.9		104.4	144.4
77	87.0		69.0	109.0





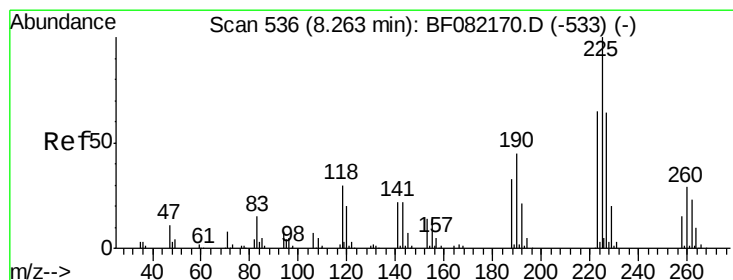
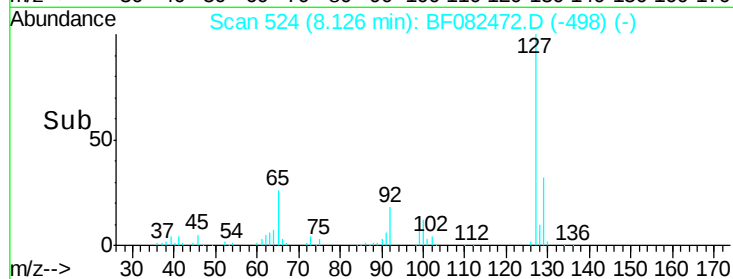
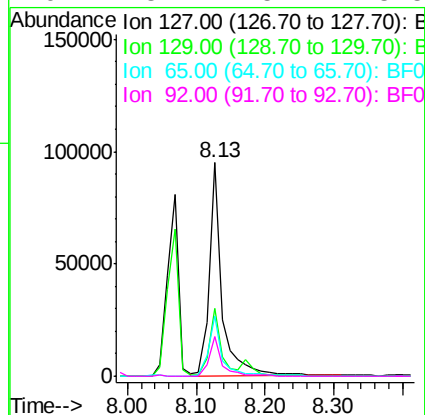
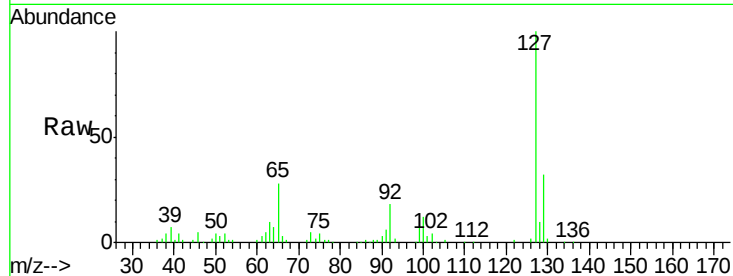
#33
4-Chloroaniline
Concen: 18.53 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	122469		
129	31.9	26.3	39.5	
65	28.1	24.4	36.6	
92	18.4	15.7	23.5	

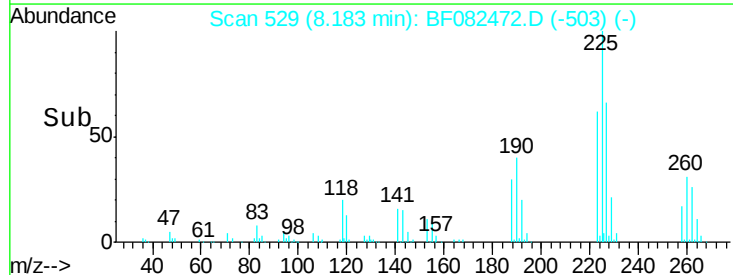
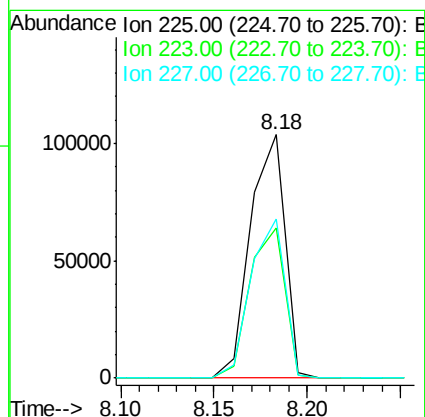
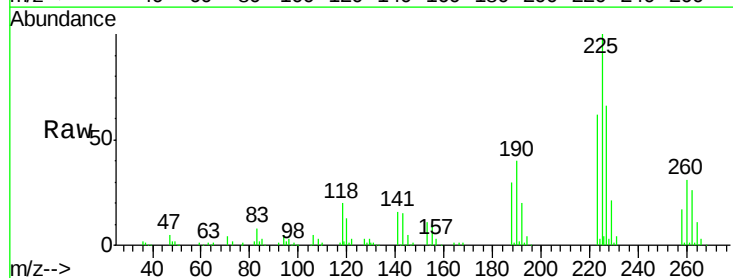
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#34
Hexachlorobutadiene
Concen: 38.84 ng
RT: 8.18 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132707		
223	61.8	52.2	78.2	
227	65.6	51.3	76.9	





#35

Caprolactam

Concen: 44.92 ng m

RT: 8.50 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PB86220BS

Tgt Ion:113 Resp: 62017
Ion Ratio Lower Upper

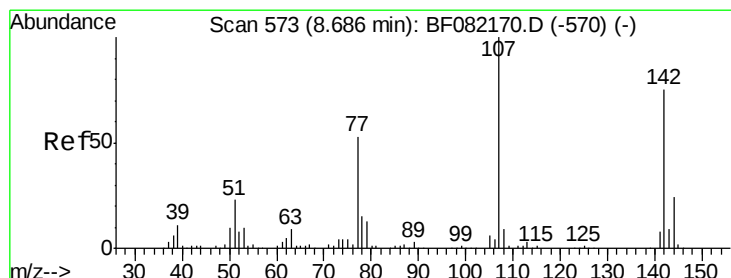
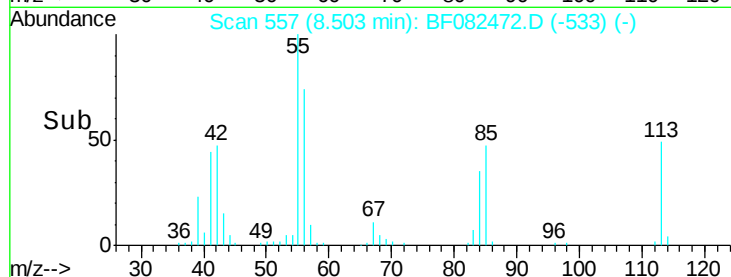
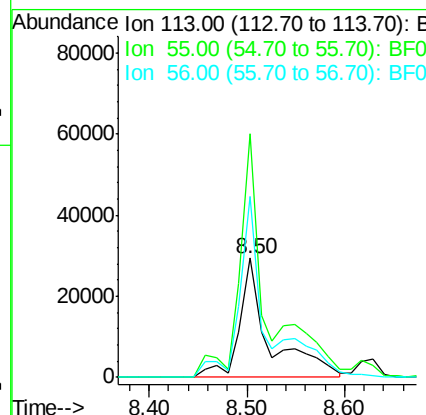
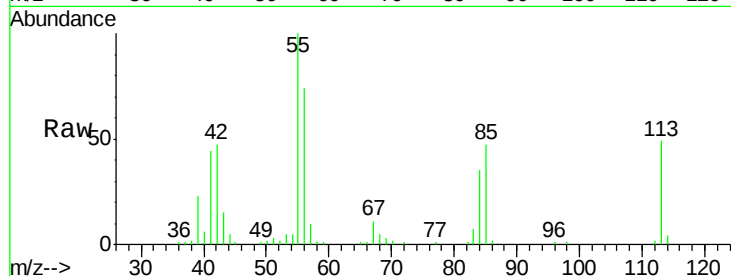
113 100

55 204.1 149.7 189.7#

56 151.8 105.4 145.4#

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#36

4-Chloro-3-methylphenol

Concen: 47.83 ng

RT: 8.63 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF082472.D

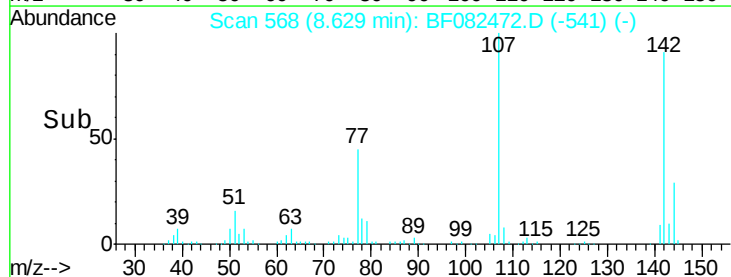
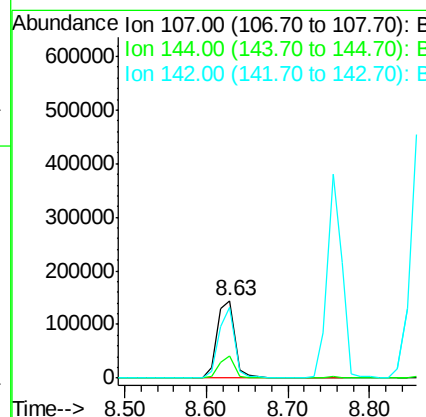
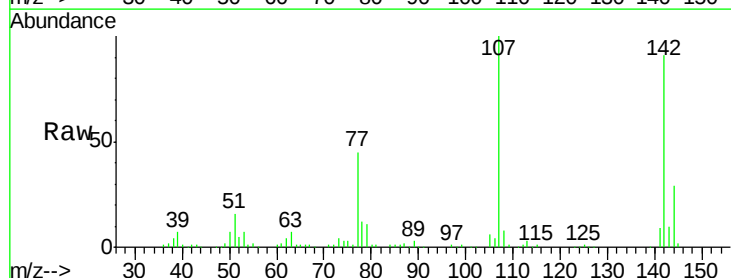
Acq: 23 Oct 2015 18:29

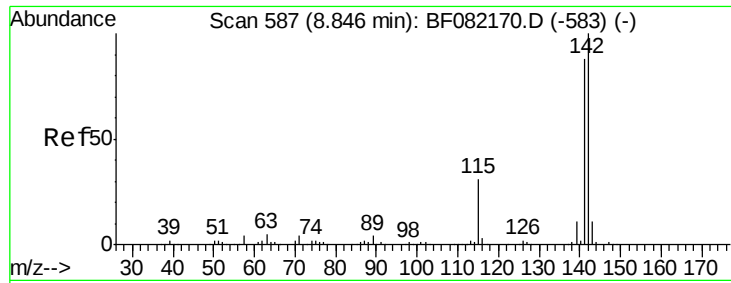
Tgt Ion:107 Resp: 222509
Ion Ratio Lower Upper

107 100

144 29.0 19.3 28.9#

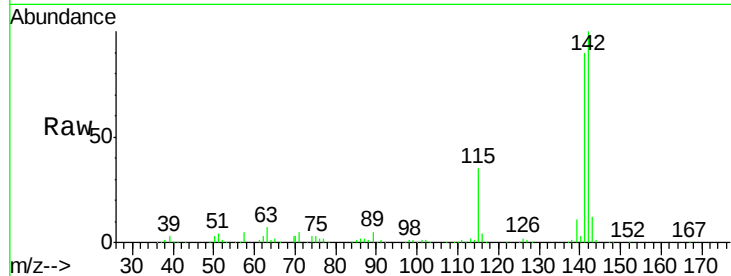
142 91.0 59.9 89.9#





#37
2-Methylnaphthalene
Concen: 43.17 ng
RT: 8.75 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

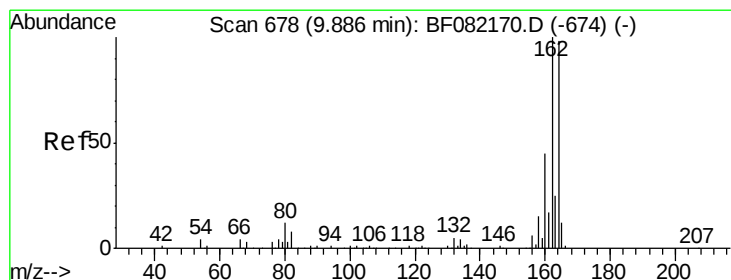
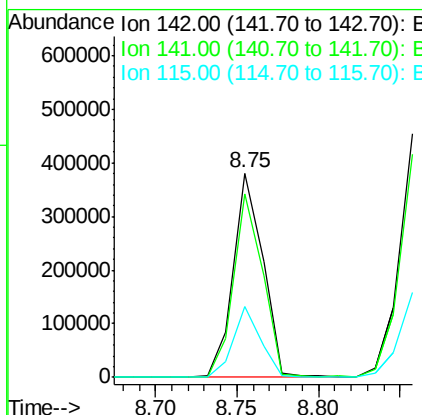
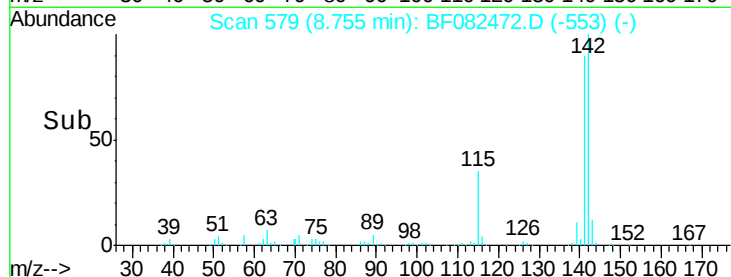
Instrument :
BNA_F
ClientSampleId :
PB86220BS



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	476185		
141	89.6	70.4	105.6	
115	34.8	24.6	37.0	

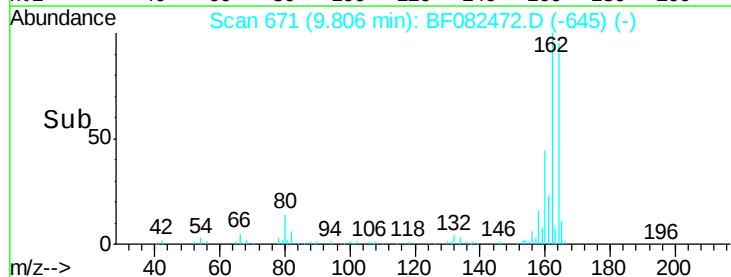
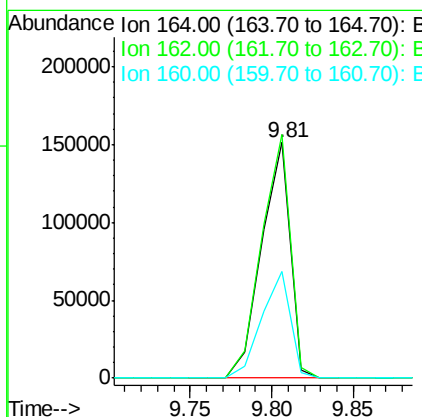
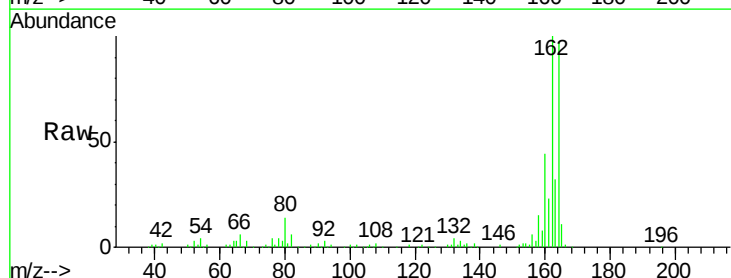
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185020		
162	103.2	81.6	122.4	
160	45.4	36.4	54.6	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.08 ng

RT: 8.93 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF082472.D

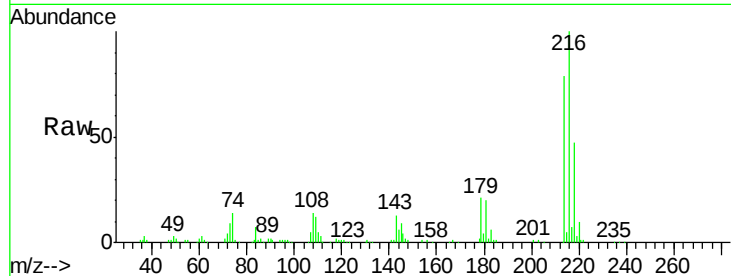
Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

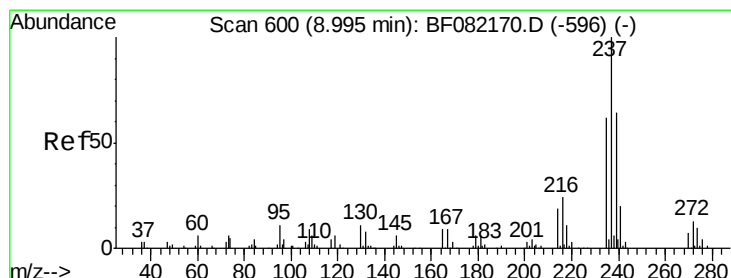
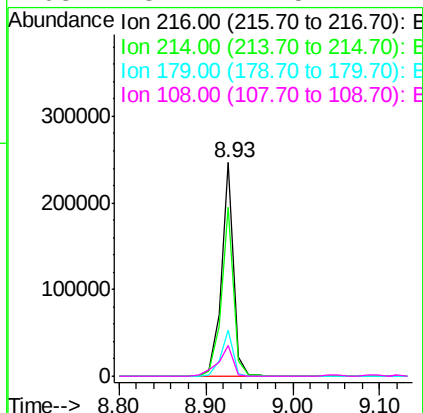
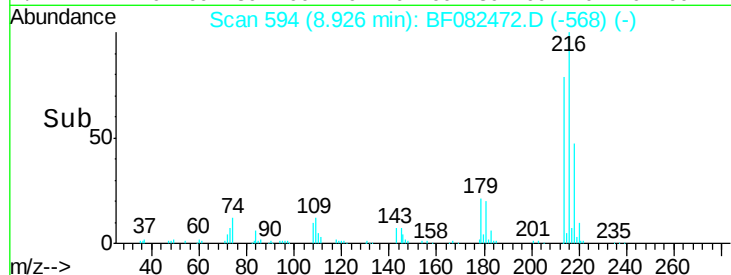
PB86220BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.6	97.0
179	21.4	17.6	26.4
108	18.1	14.5	21.7

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#40

Hexachlorocyclopentadiene

Concen: 59.90 ng

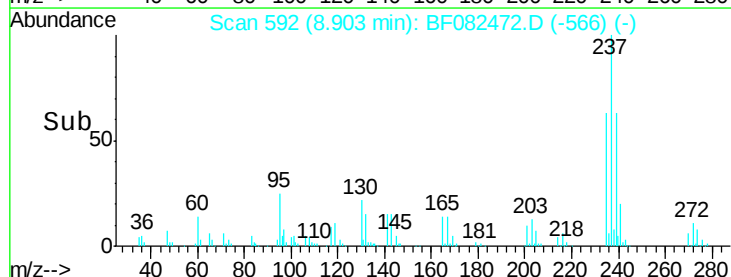
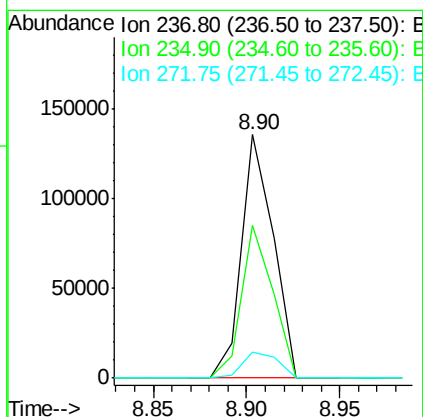
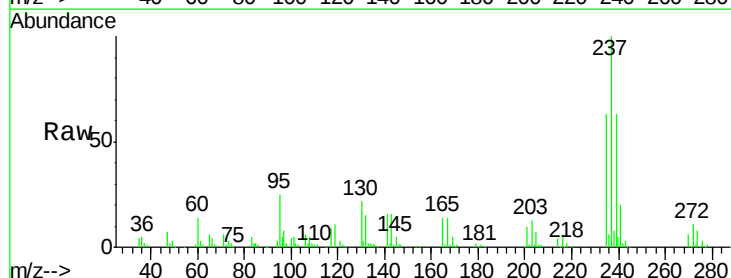
RT: 8.90 min Scan# 592

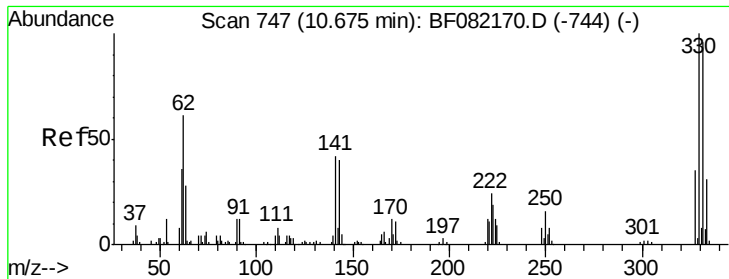
Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.7	81.7
272	10.5	0.0	32.8





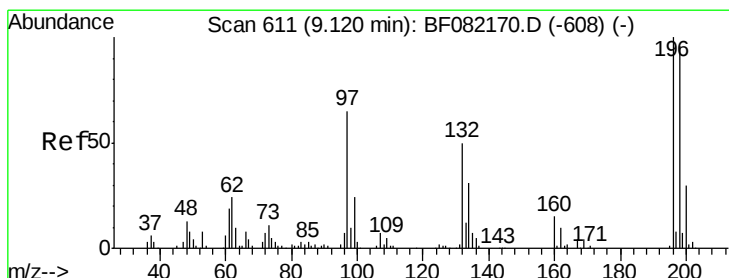
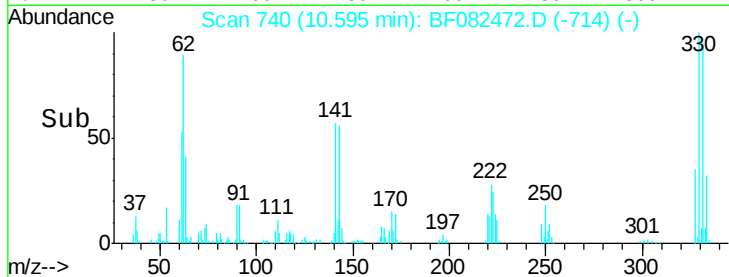
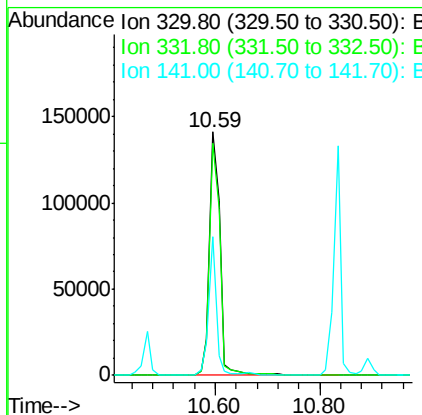
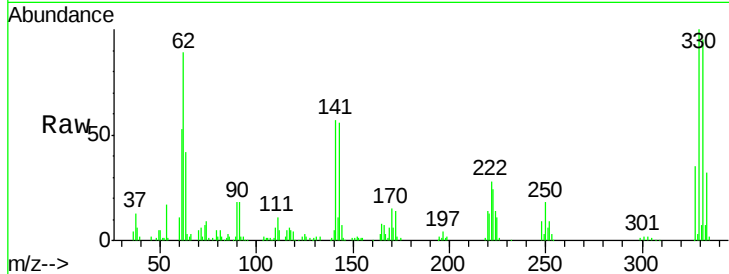
#41
 2,4,6-Tribromophenol
 Concen: 113.98 ng
 RT: 10.59 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	197772		
332	95.1	77.1	115.7	
141	41.2	29.8	44.8	

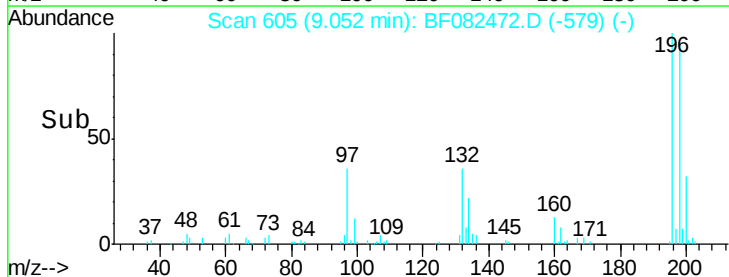
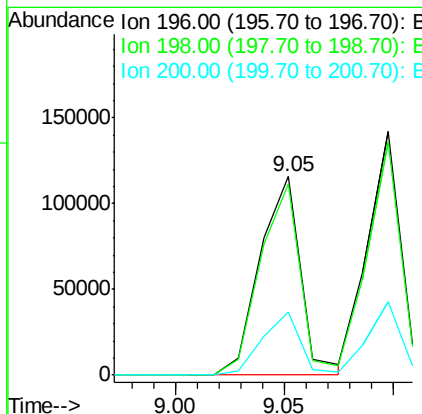
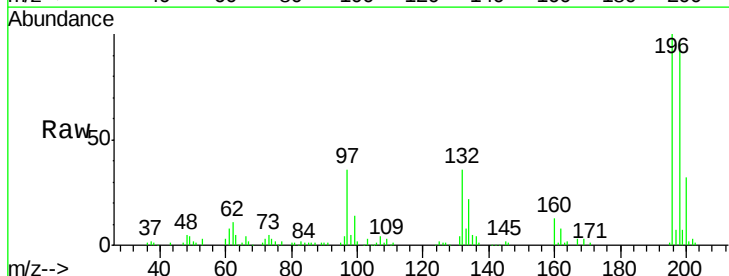
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#42
 2,4,6-Trichlorophenol
 Concen: 41.38 ng
 RT: 9.05 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

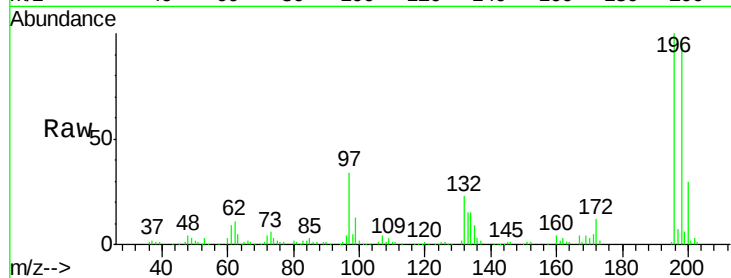
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151239		
198	96.3	76.6	115.0	
200	31.5	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 41.56 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

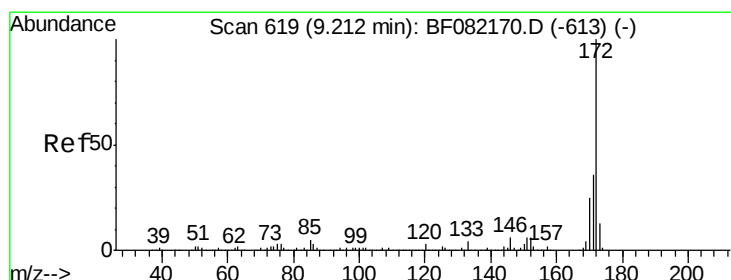
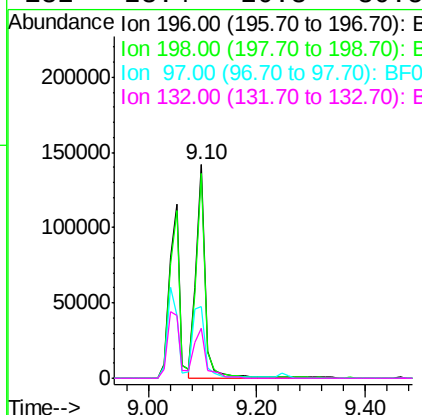
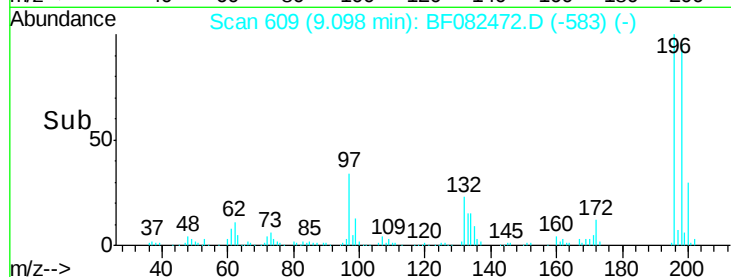
Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS



Tgt Ion:	196	Resp:	164564
Ion Ratio	Lower	Upper	
196	100		
198	95.7	77.0	115.4
97	33.6	31.9	47.9
132	23.4	20.3	30.5

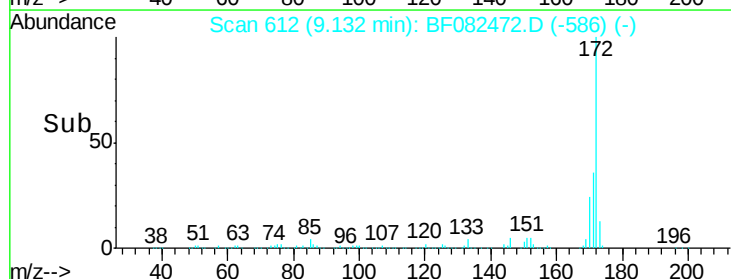
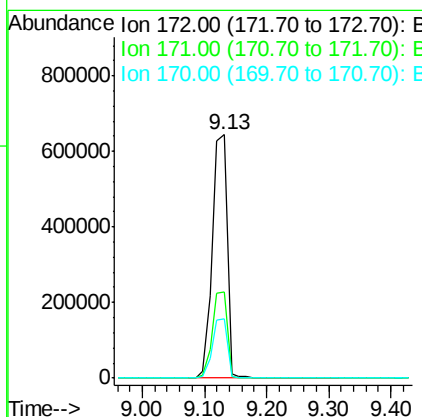
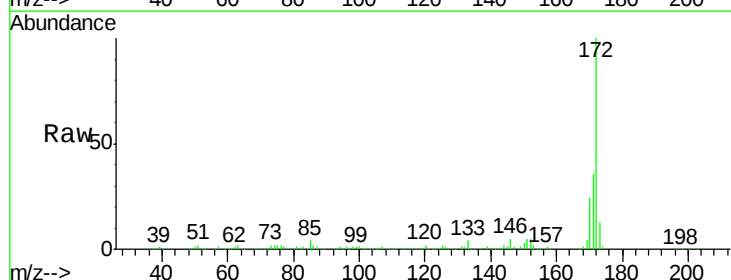
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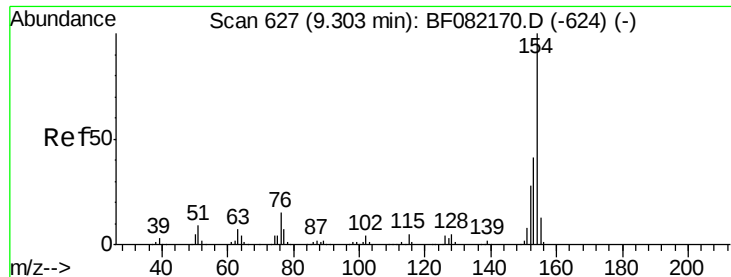
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#44
 2-Fluorobiphenyl
 Concen: 94.49 ng
 RT: 9.13 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion:	172	Resp:	1054216
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	42.8
170	24.1	19.7	29.5





#45

1,1'-Biphenyl

Concen: 40.56 ng

RT: 9.22 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

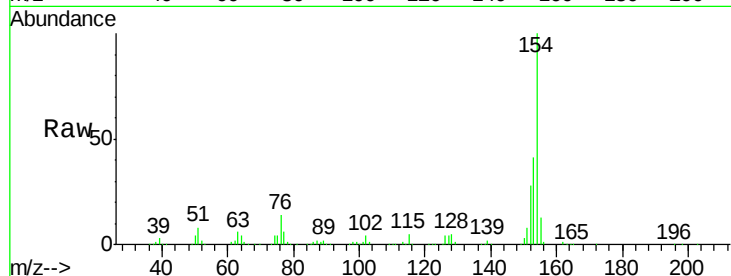
ClientSampleId :

PB86220BS

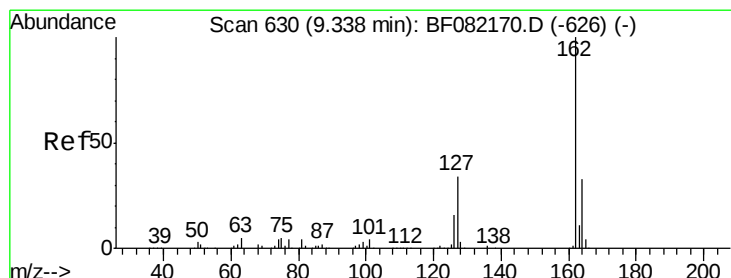
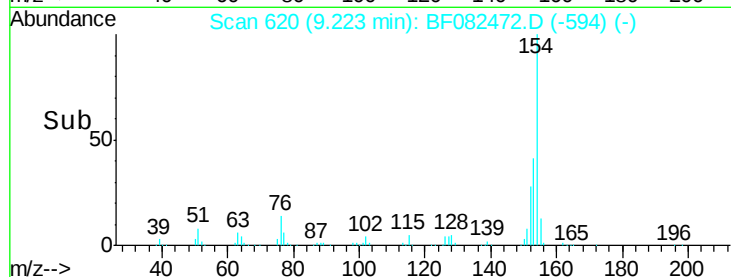
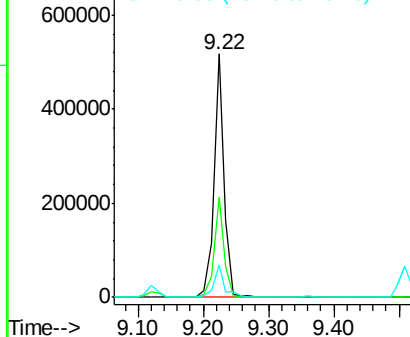
Tgt Ion:	154	Resp:	572256
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.6	60.6
76	13.5	0.0	35.2

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



#46

2-Chloronaphthalene

Concen: 40.86 ng

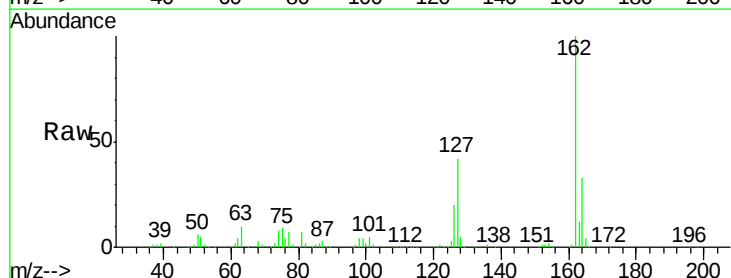
RT: 9.25 min Scan# 622

Delta R.T. -0.01 min

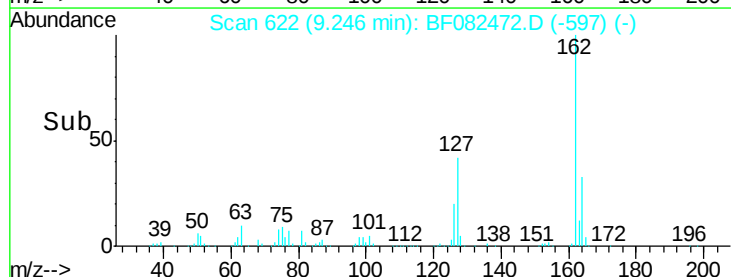
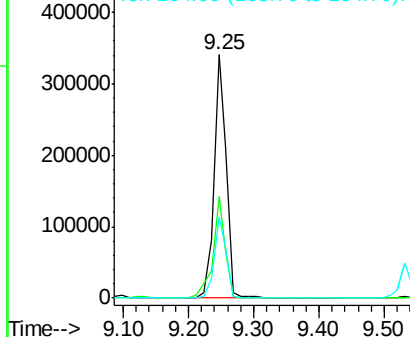
Lab File: BF082472.D

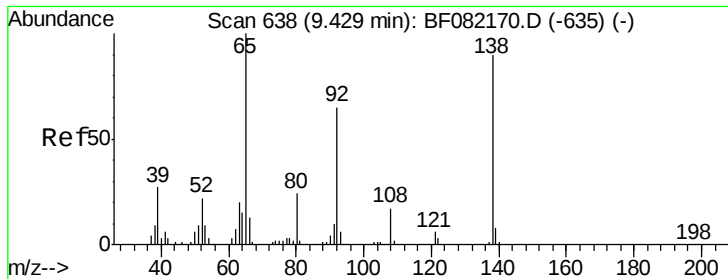
Acq: 23 Oct 2015 18:29

Tgt Ion:	162	Resp:	453851
Ion Ratio	Lower	Upper	
162	100		
127	41.8	27.5	41.3#
164	33.1	26.6	39.8



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





#47

2-Nitroaniline

Concen: 47.55 ng

RT: 9.36 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

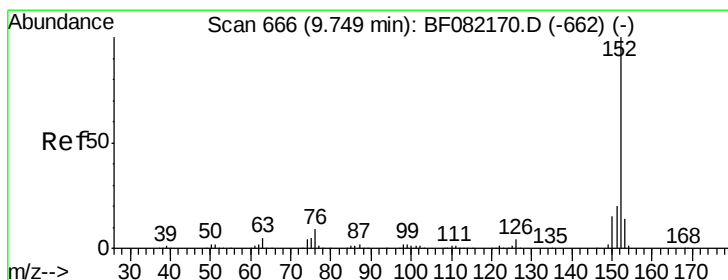
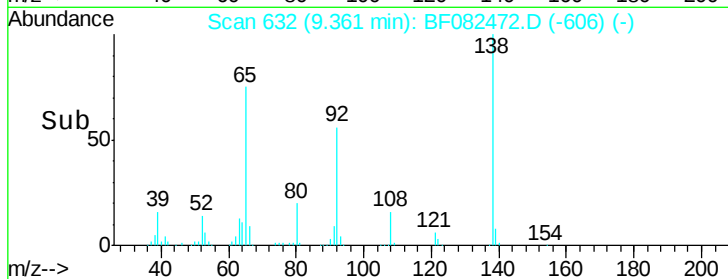
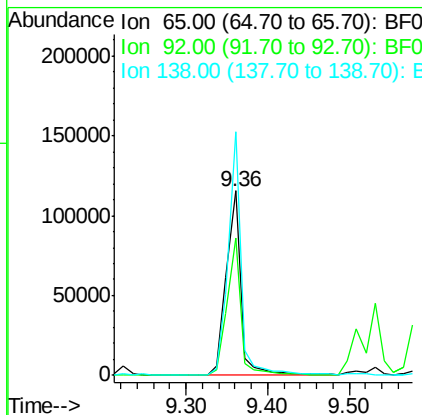
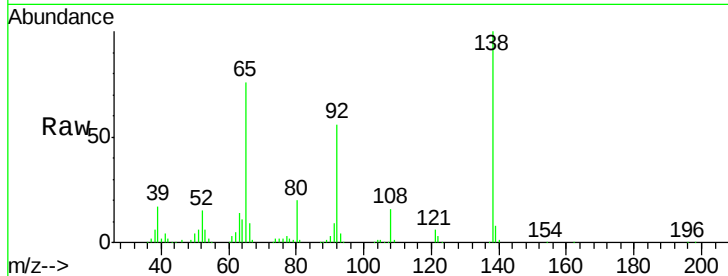
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
65	100	144996		
92	74.3	52.3	78.5	
138	132.2	72.2	108.4	



#48

Acenaphthylene

Concen: 45.52 ng

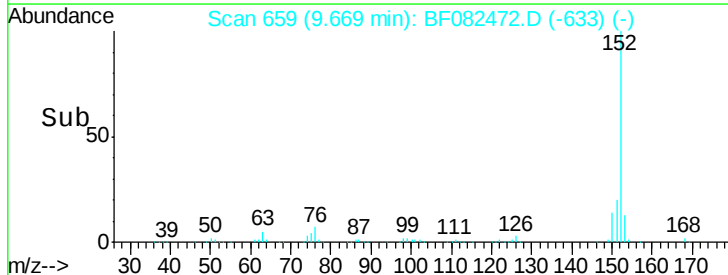
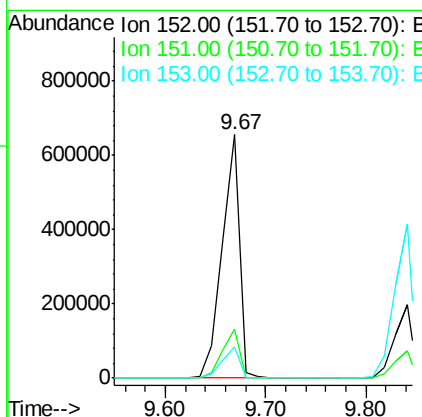
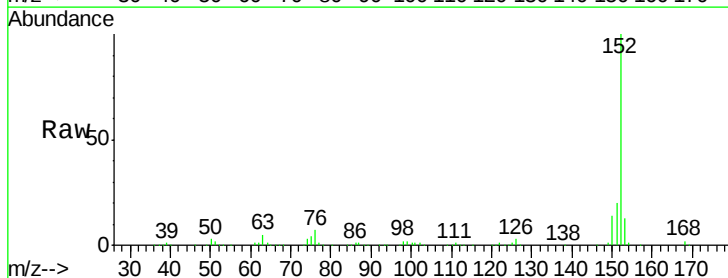
RT: 9.67 min Scan# 659

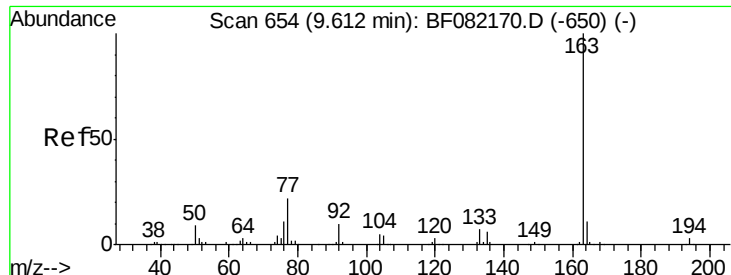
Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	787498		
151	20.2	16.4	24.6	
153	13.0	10.8	16.2	





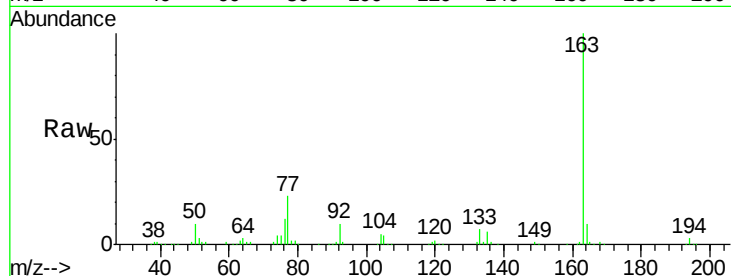
#49
Dimethylphthalate
Concen: 42.00 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

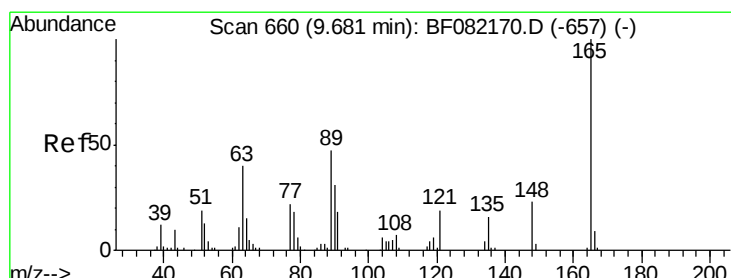
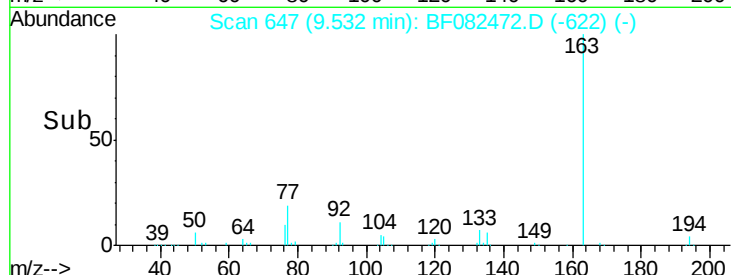
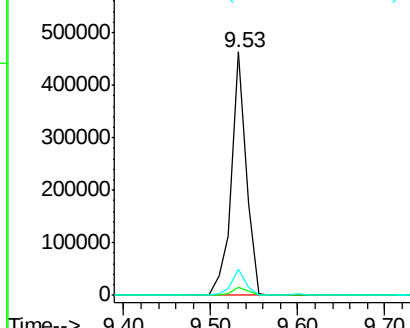
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	547161		
194	3.2	2.6	4.0	
164	10.5	8.5	12.7	

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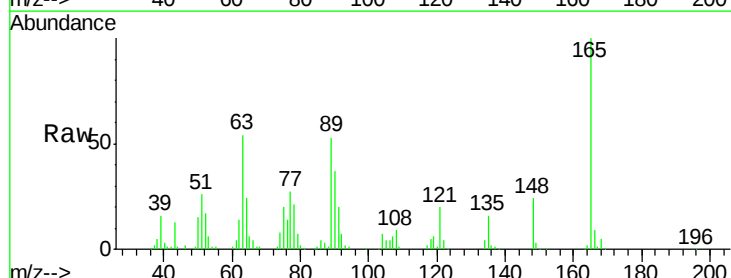


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

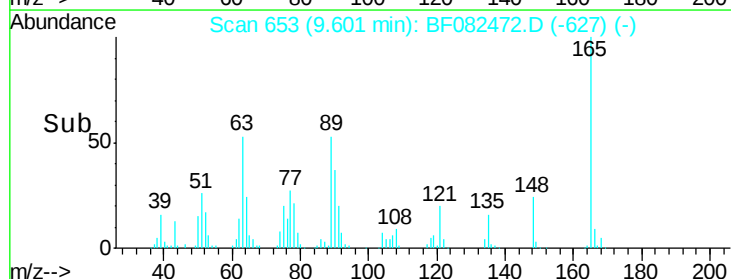
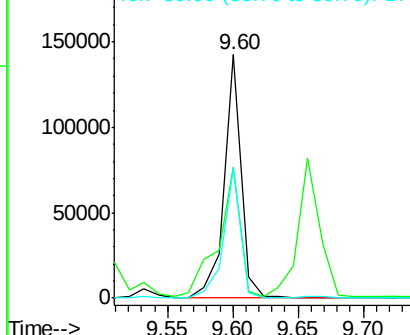


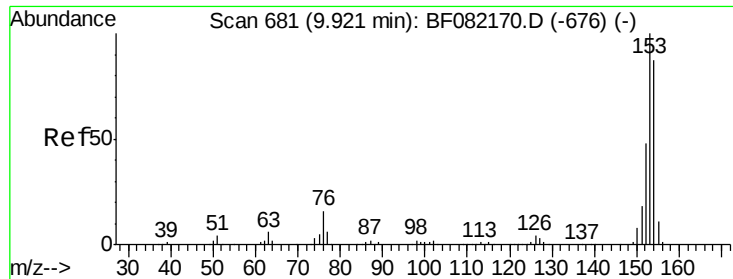
#50
2,6-Dinitrotoluene
Concen: 47.28 ng
RT: 9.60 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	129964		
63	53.7	36.7	55.1	
89	53.0	37.8	56.6	



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





#51

Acenaphthene

Concen: 42.78 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

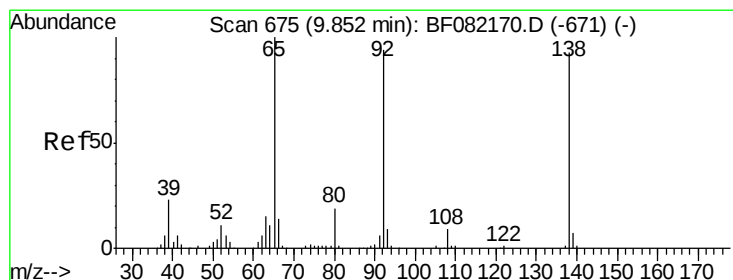
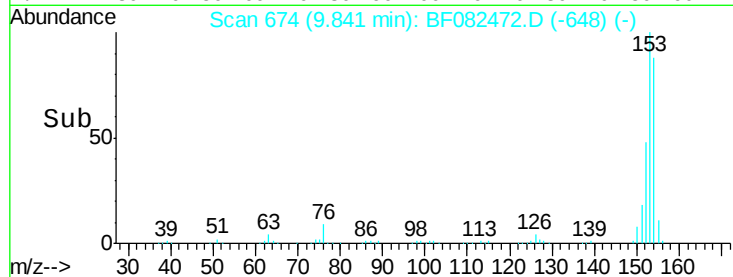
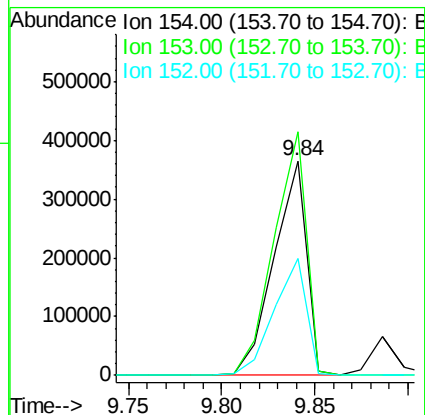
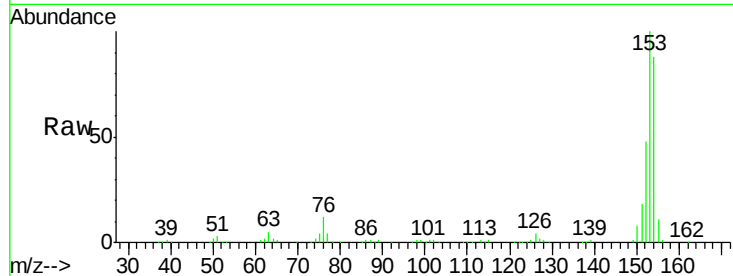
ClientSampleId :

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Tgt Ion:	154	Resp:	444397
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.4	137.2
152	54.2	44.3	66.5

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#52

3-Nitroaniline

Concen: 21.86 ng

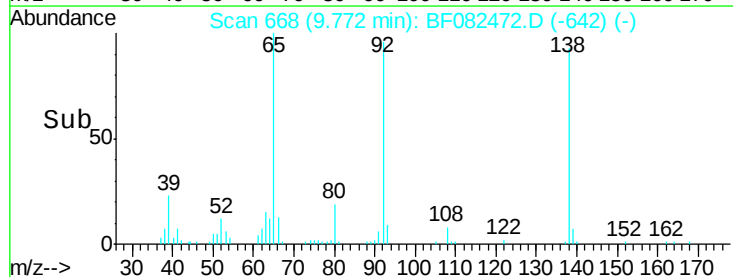
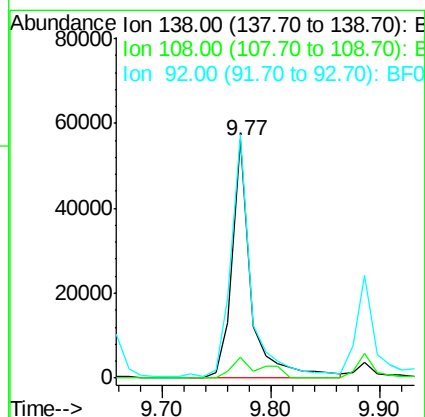
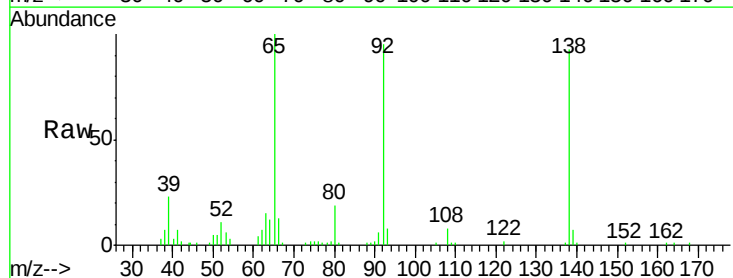
RT: 9.77 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:	138	Resp:	67869
Ion Ratio	Lower	Upper	
138	100		
108	8.9	7.4	11.0
92	102.3	81.3	121.9





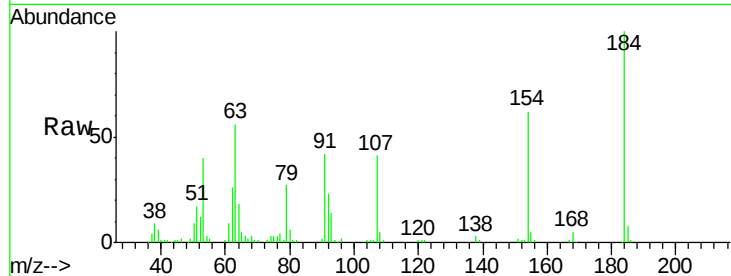
#53
2,4-Dinitrophenol
Concen: 74.14 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

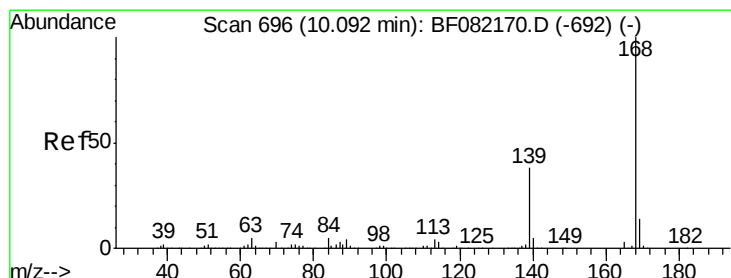
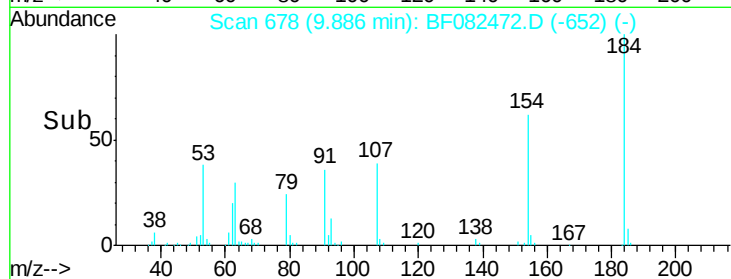
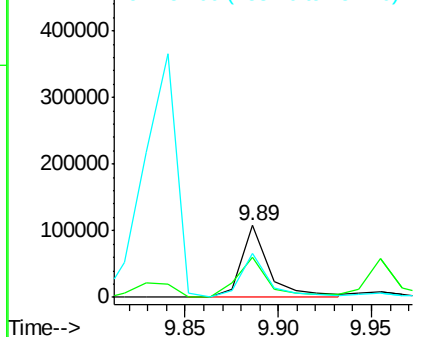
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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	113104		
63	55.6	45.1	67.7	
154	61.8	51.2	76.8	

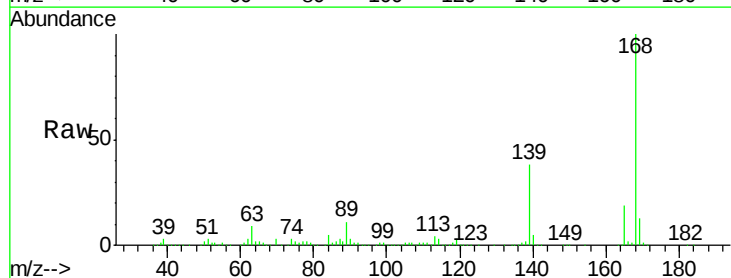


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

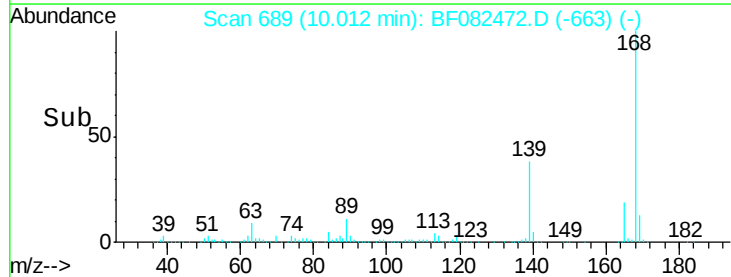
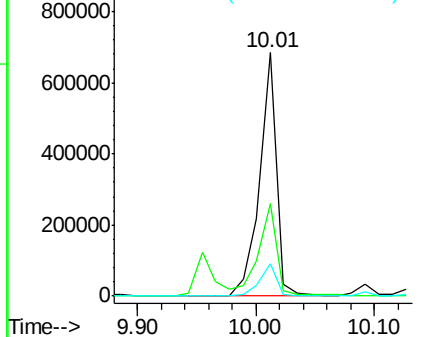


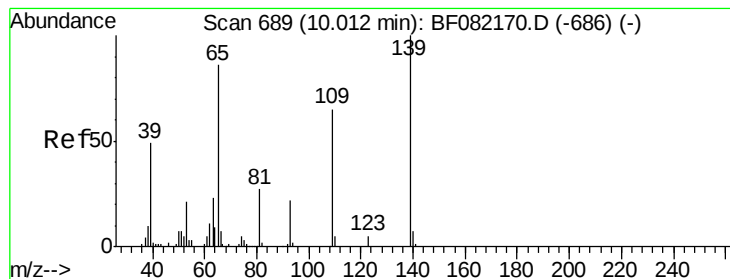
#54
Dibenzofuran
Concen: 48.01 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	684659		
139	38.3	31.0	46.6	
169	13.4	10.9	16.3	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 65.75 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

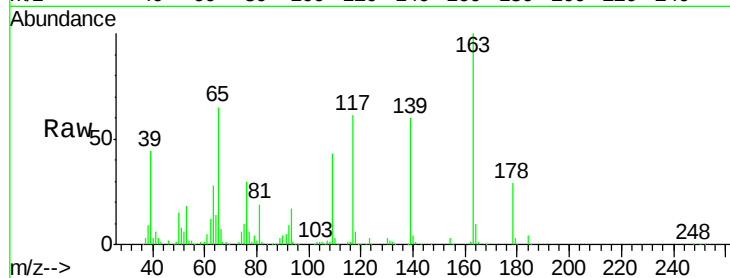
ClientSampleId :

PB86220BS

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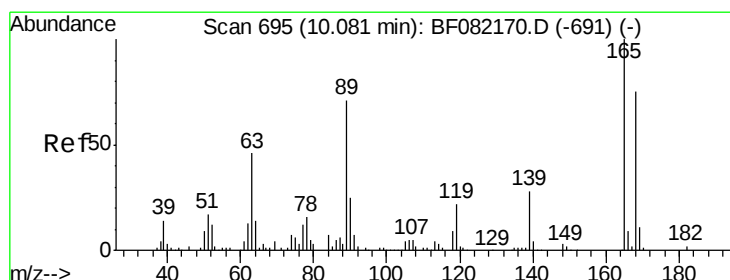
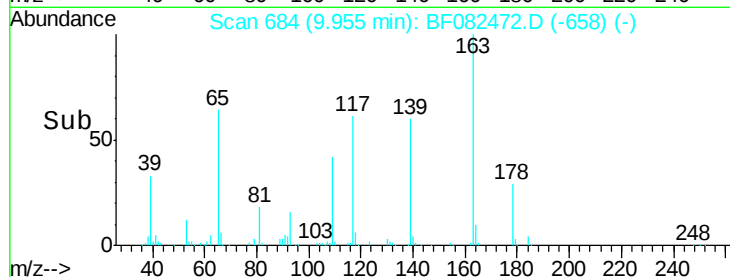
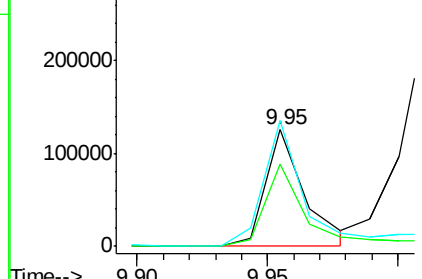
Tgt Ion:	139	Resp:	130988
Ion Ratio	Lower	Upper	
139	100		
109	70.9	44.8	84.8
65	107.8	67.7	107.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.42 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

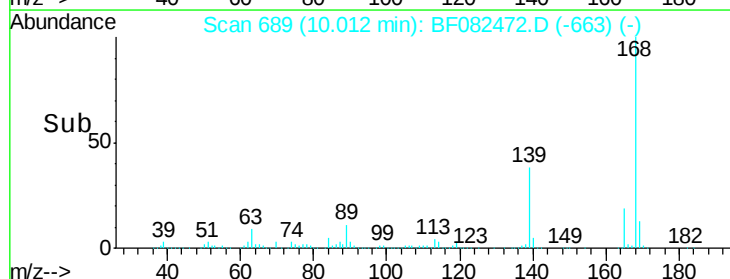
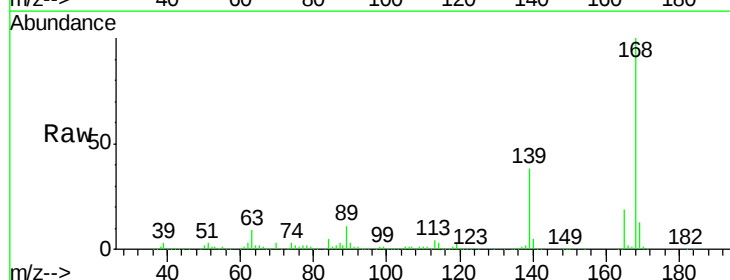
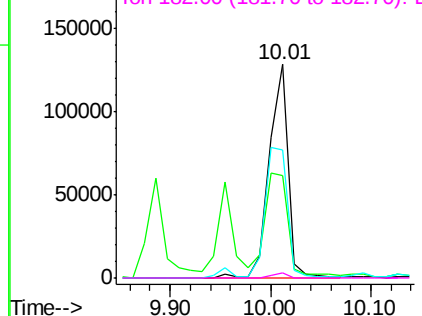
Tgt Ion:	165	Resp:	166377
Ion Ratio	Lower	Upper	
165	100		
63	47.8	38.6	58.0
89	60.0	57.0	85.6
182	2.2	1.8	2.6

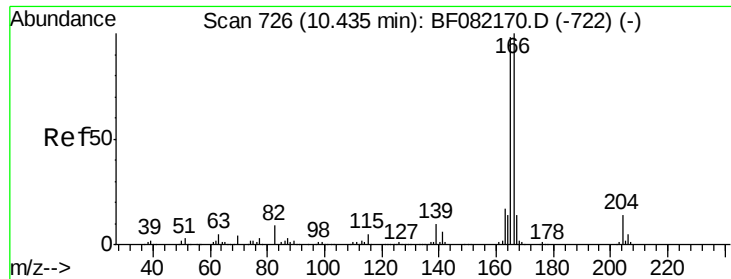
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





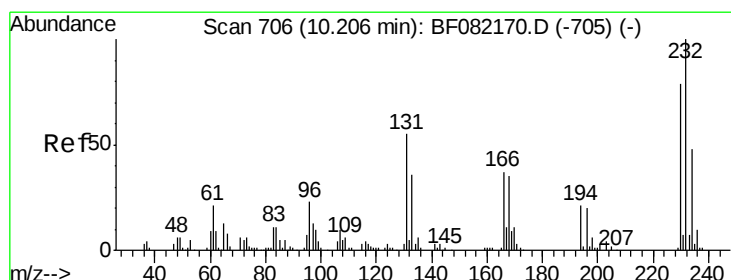
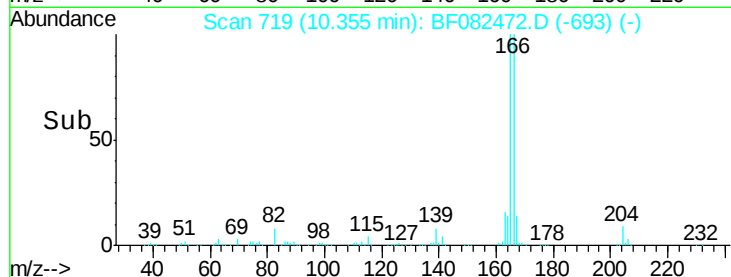
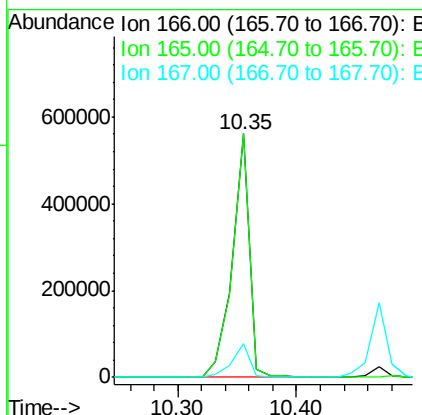
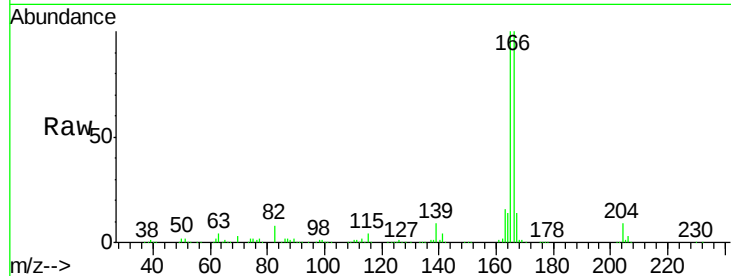
#57
 Fluorene
 Concen: 48.16 ng
 RT: 10.35 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	564048		
165	100.1	78.3	117.5	
167	13.6	10.8	16.2	

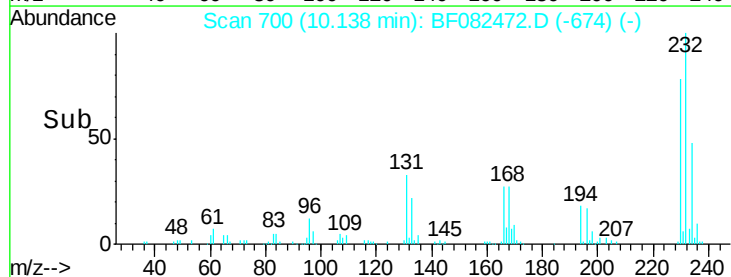
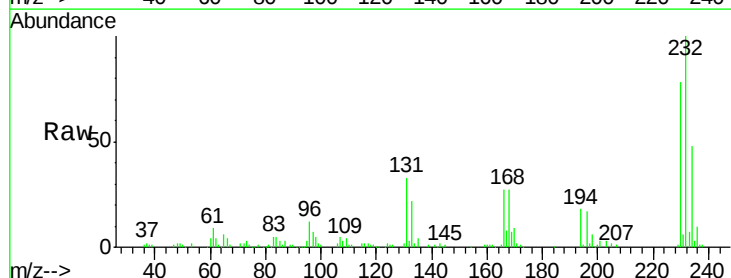
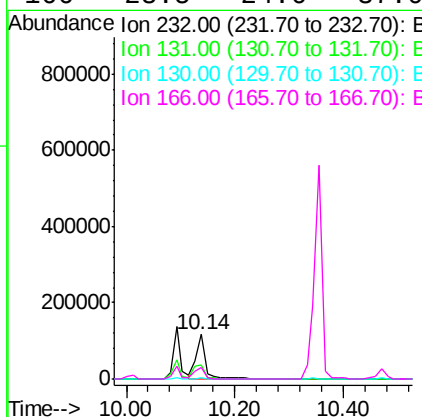
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.78 ng
 RT: 10.14 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	138398		
131	41.5	36.6	54.8	
130	1.8	1.5	2.3	
166	28.5	24.6	37.0	





#59

Diethylphthalate

Concen: 46.16 ng

RT: 10.23 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

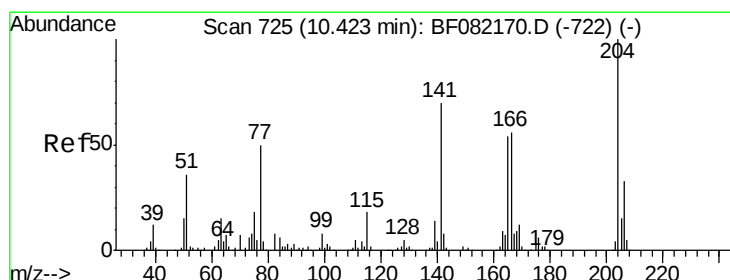
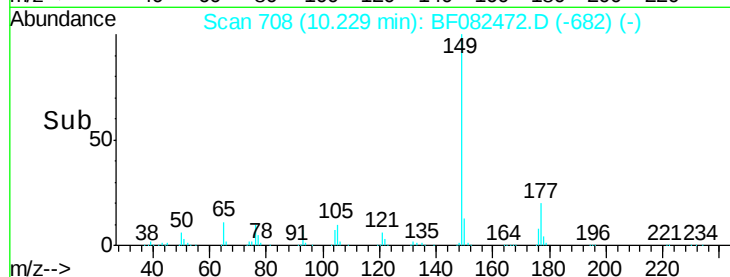
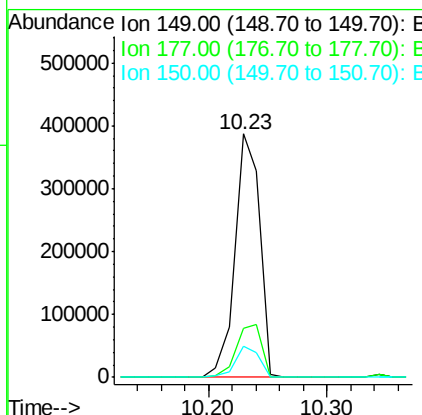
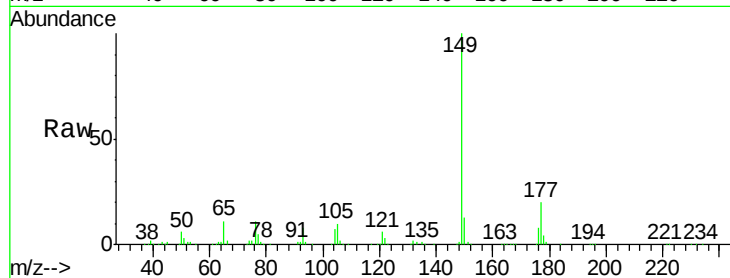
ClientSampleId :

PB86220BS

Tgt Ion:	149	Resp:	560636
Ion Ratio	Lower	Upper	
149	100		
177	20.3	17.6	26.4
150	12.6	10.3	15.5

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#60

4-Chlorophenyl-phenylether

Concen: 44.89 ng

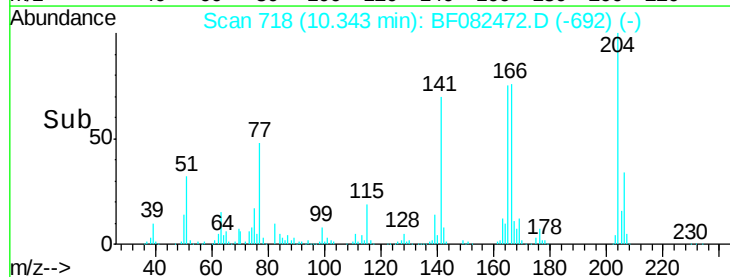
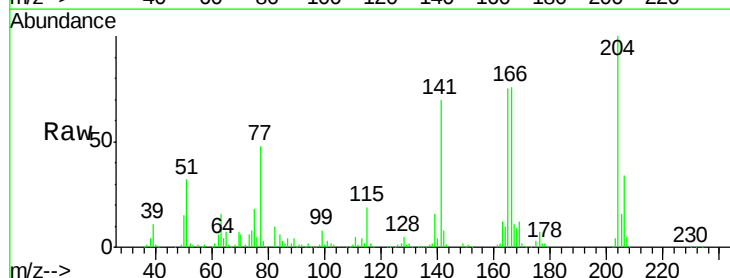
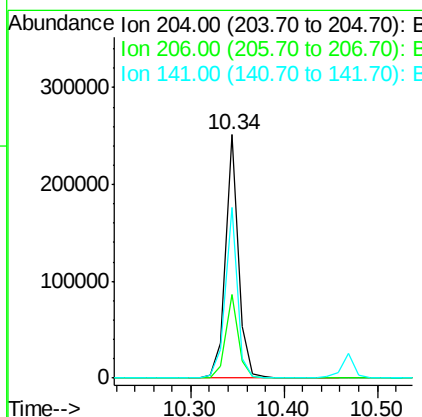
RT: 10.34 min Scan# 718

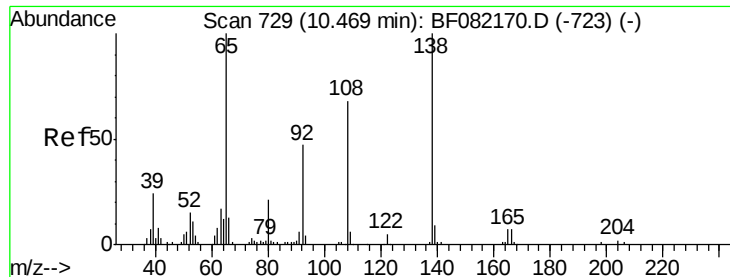
Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:	204	Resp:	240866
Ion Ratio	Lower	Upper	
204	100		
206	34.3	26.8	40.2
141	70.1	56.1	84.1





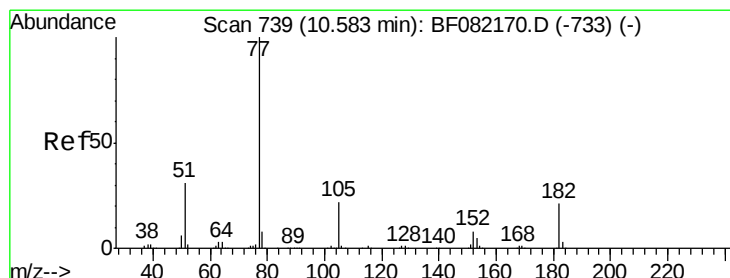
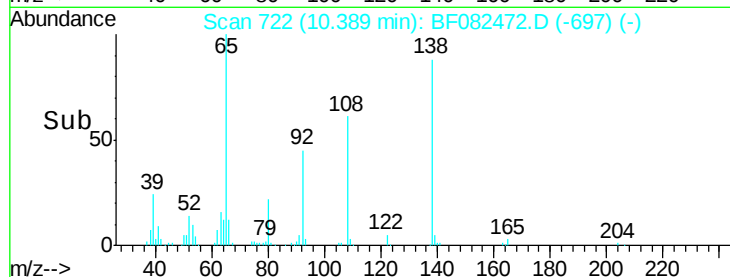
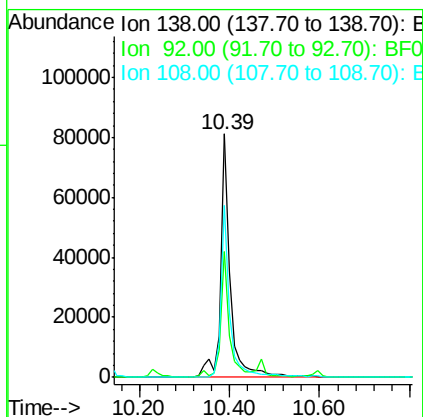
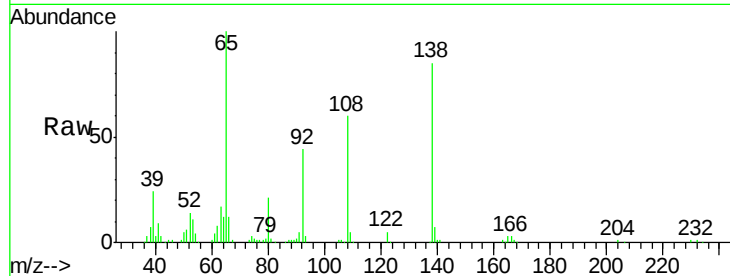
#61
4-Nitroaniline
Concen: 40.76 ng
RT: 10.39 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	122767		
92	51.5	26.8	66.8	
108	70.4	48.4	88.4	

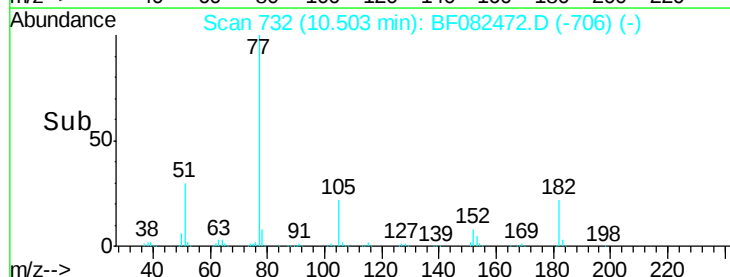
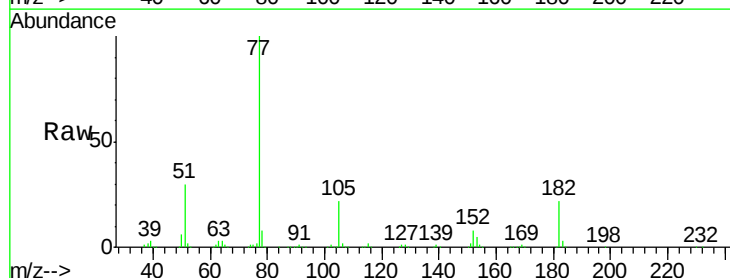
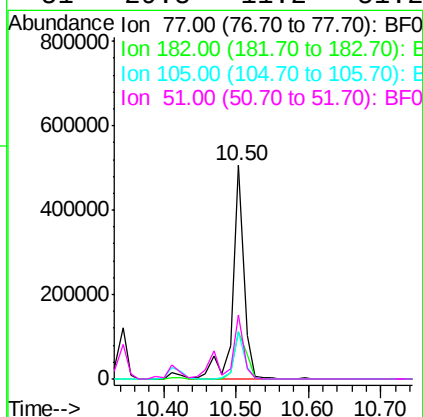
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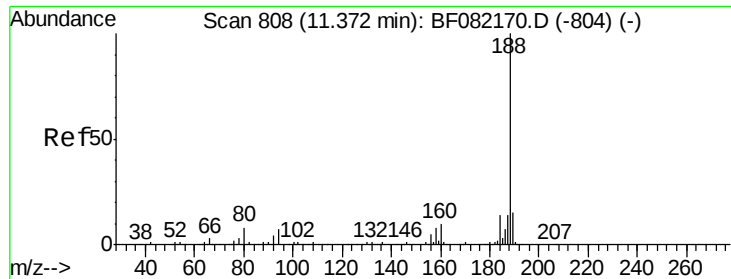
MmDadoda
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#62
Azobenzene
Concen: 45.54 ng
RT: 10.50 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	541300		
182	22.1	0.5	40.5	
105	22.1	1.8	41.8	
51	29.8	11.2	51.2	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

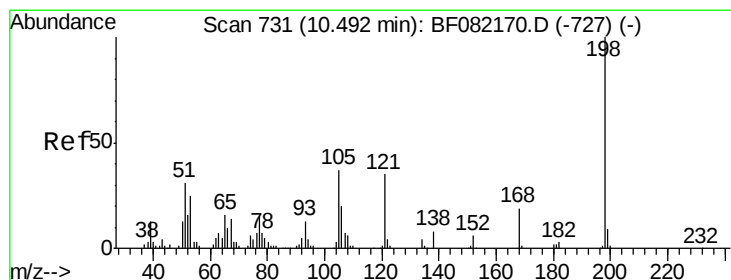
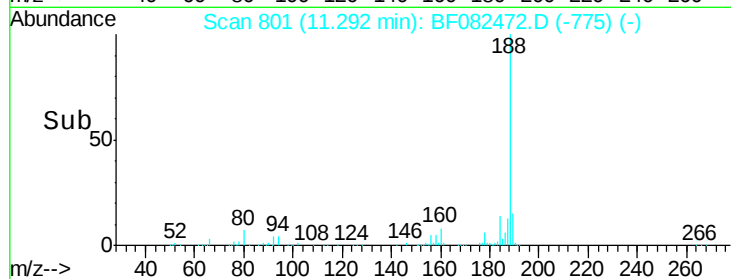
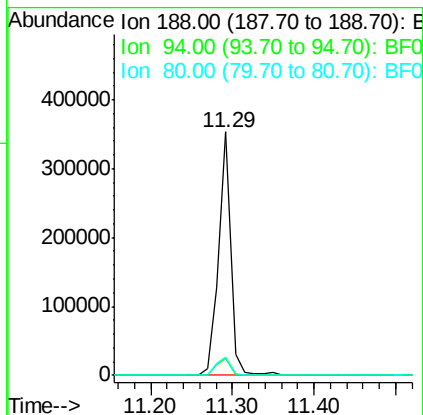
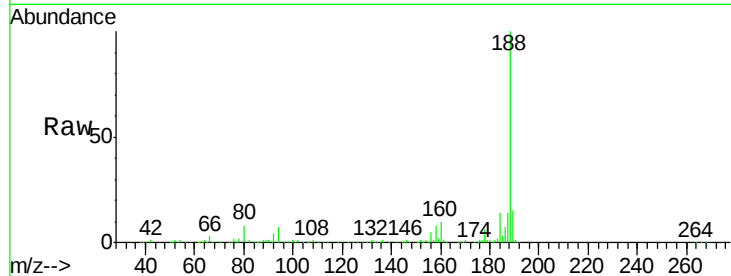
ClientSampleId :

PB86220BS

Tgt Ion:	188	Resp:	367335
Ion Ratio	Lower	Upper	
188	100		
94	6.9	5.8	8.6
80	7.5	6.4	9.6

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.06 ng

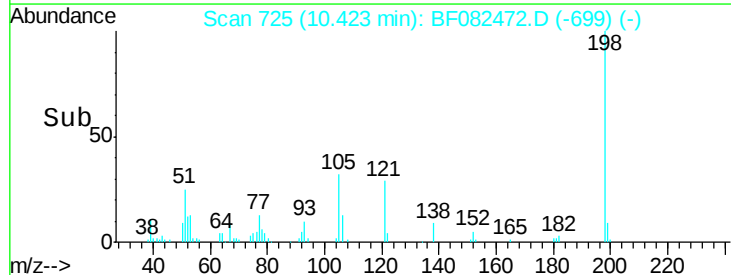
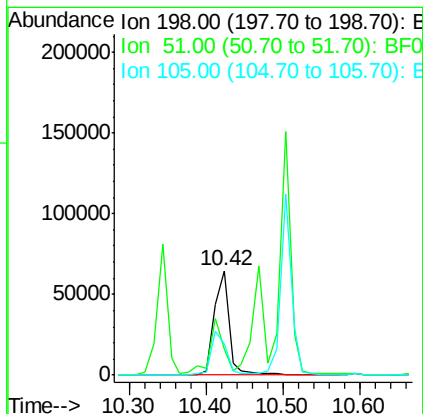
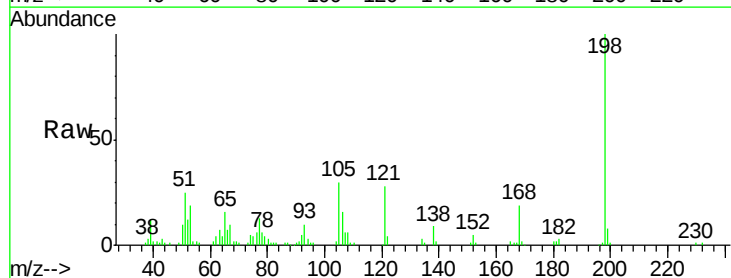
RT: 10.42 min Scan# 725

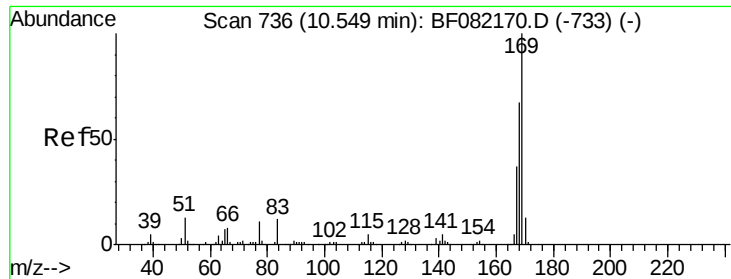
Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:	198	Resp:	88767
Ion Ratio	Lower	Upper	
198	100		
51	24.6	13.6	53.6
105	30.1	17.1	57.1





#65

n-Nitrosodiphenylamine

Concen: 42.32 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

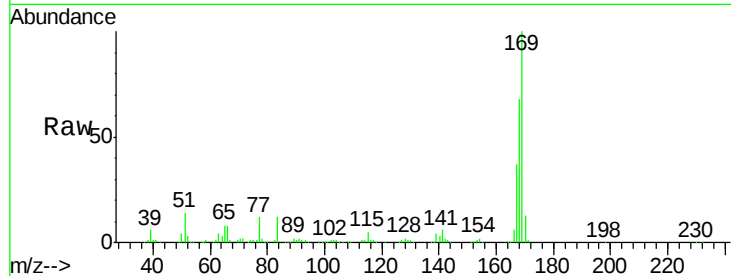
ClientSampleId :

PB86220BS

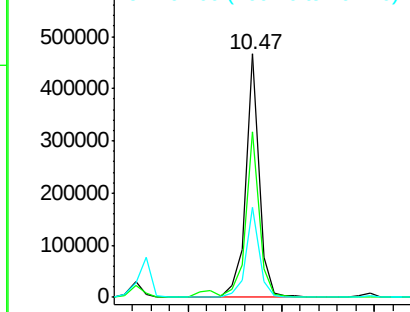
Tgt Ion:	169	Resp:	465488
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.0	81.0
167	37.0	29.6	44.4

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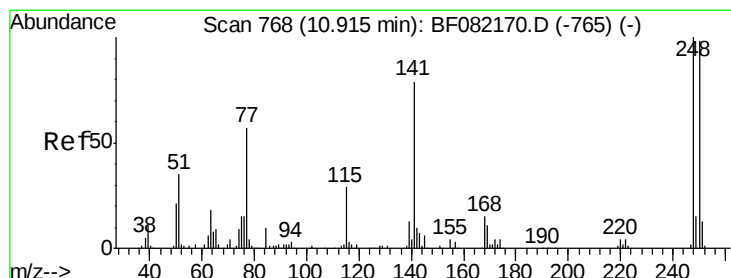
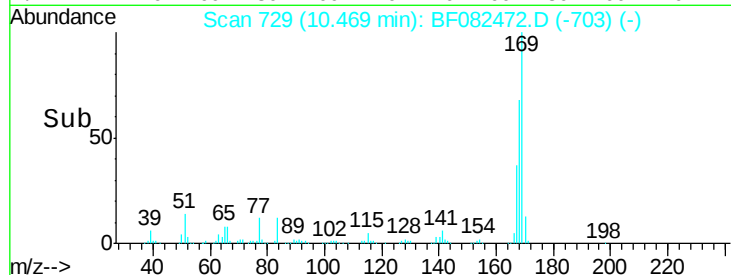
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 43.16 ng

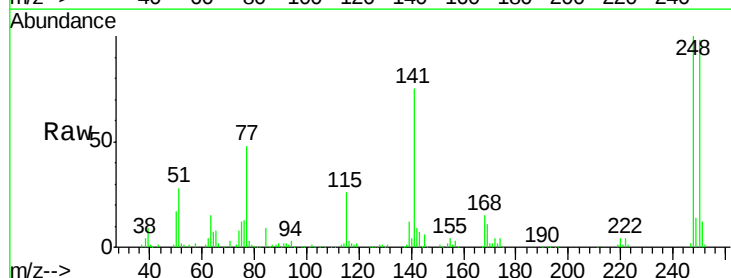
RT: 10.83 min Scan# 761

Delta R.T. 0.00 min

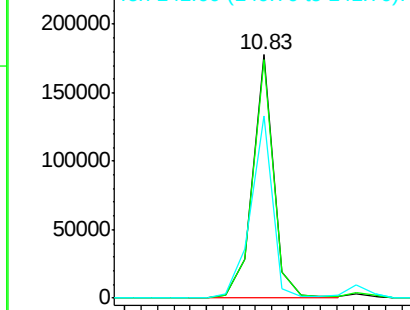
Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

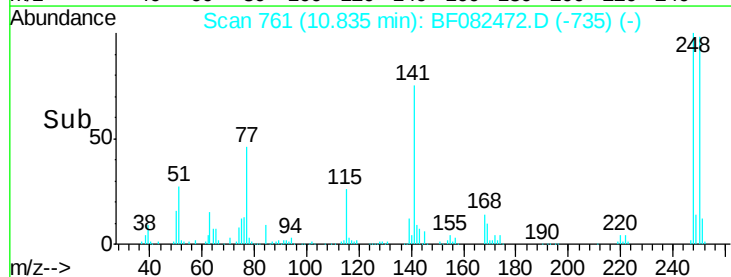
Tgt Ion:	248	Resp:	158667
Ion Ratio	Lower	Upper	
248	100		
250	97.9	78.6	117.8
141	74.7	63.3	94.9

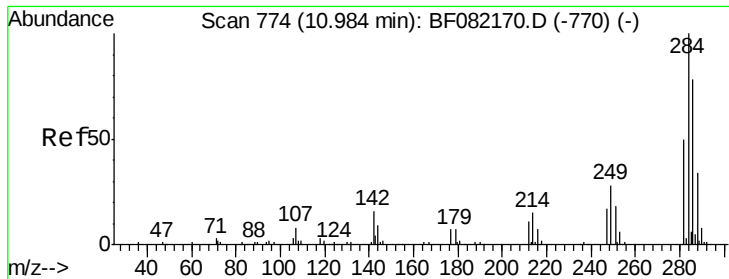


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#67

Hexachlorobenzene

Concen: 41.20 ng

RT: 10.89 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF082472.D

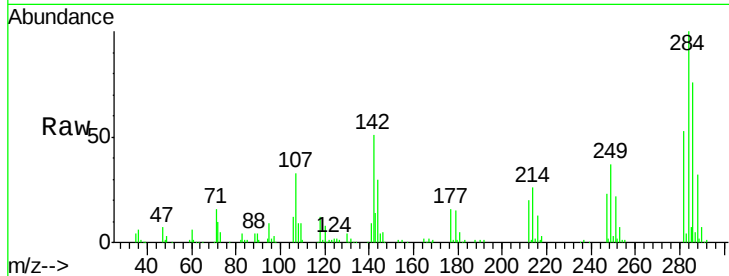
Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

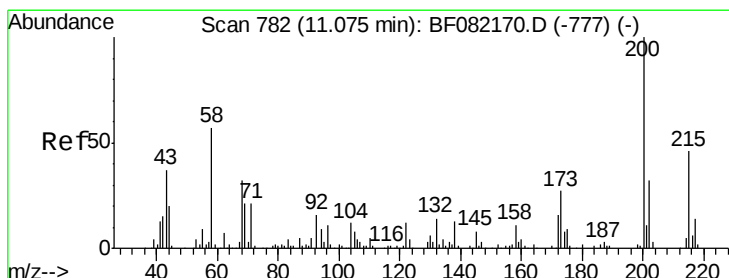
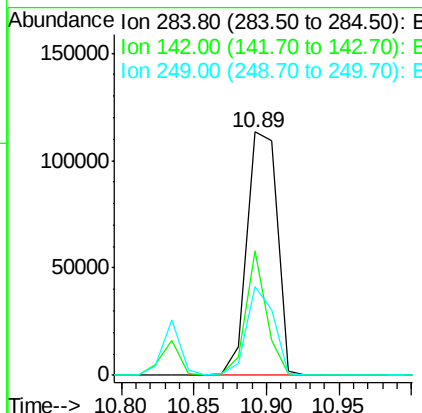
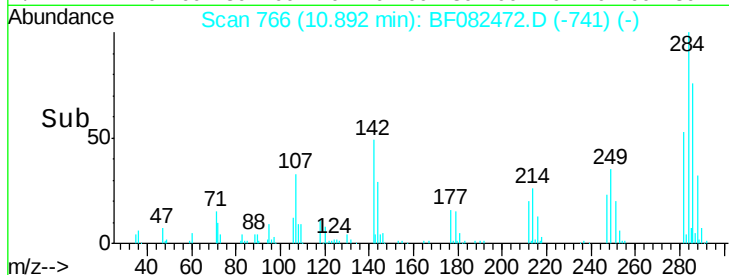
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Tgt Ion	Ratio	Resp	Lower	Upper
284	100	163806		
142	50.9	13.0	19.6#	
249	36.5	22.5	33.7#	

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#68

Atrazine

Concen: 49.31 ng

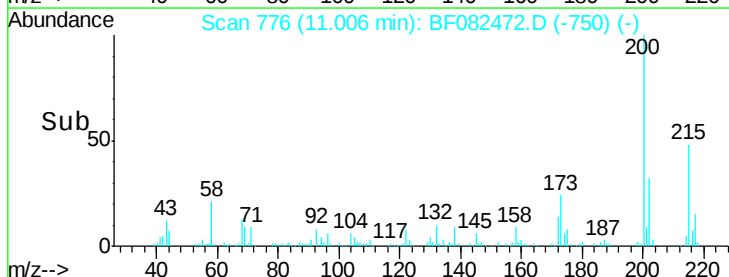
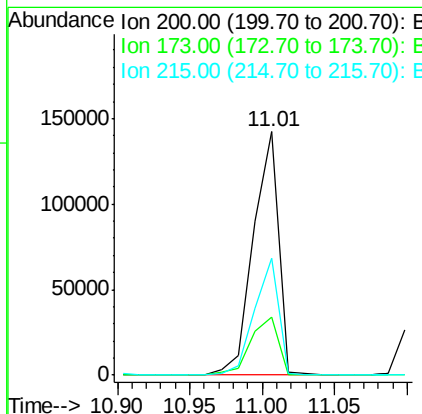
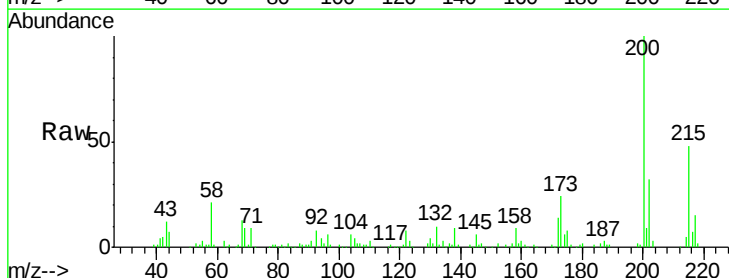
RT: 11.01 min Scan# 776

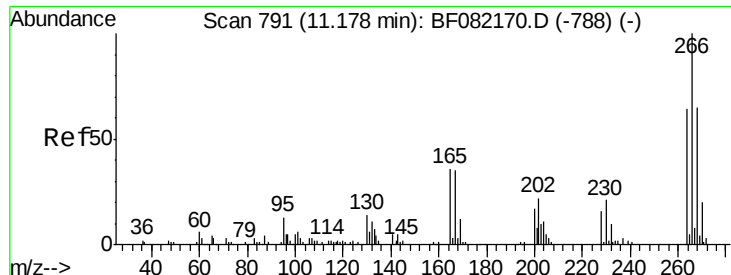
Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	171816		
173	24.0	7.3	47.3	
215	47.8	26.2	66.2	





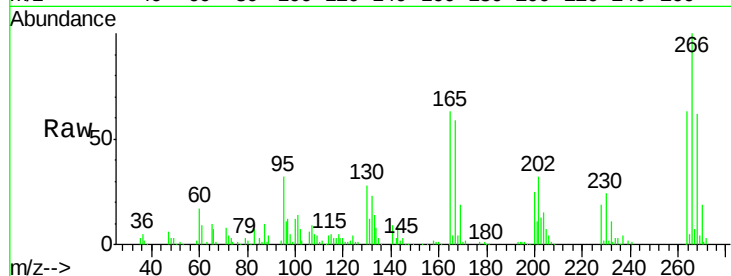
#69
 Pentachlorophenol
 Concen: 73.45 ng
 RT: 11.10 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

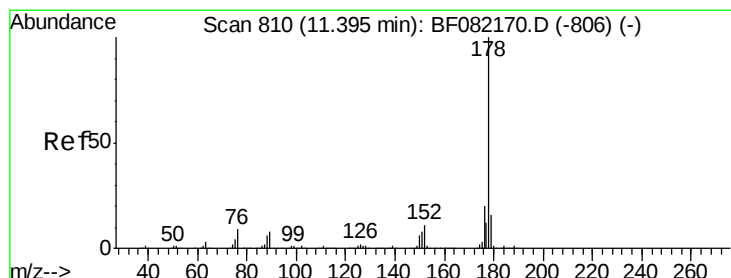
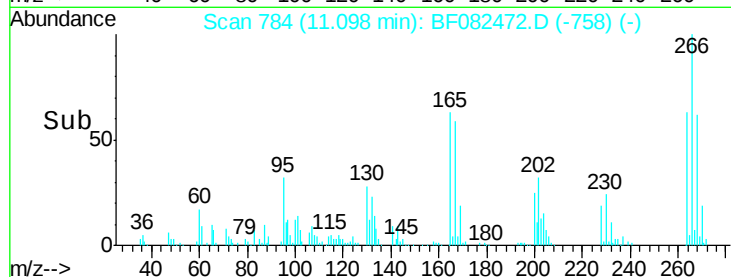
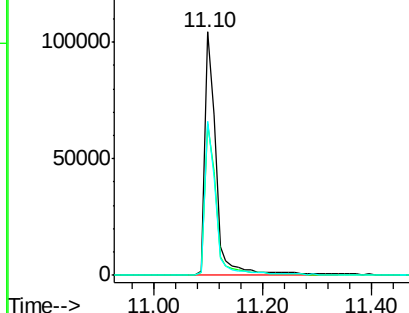
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	150266		
268	62.3	52.0	78.0	
264	63.1	51.4	77.0	

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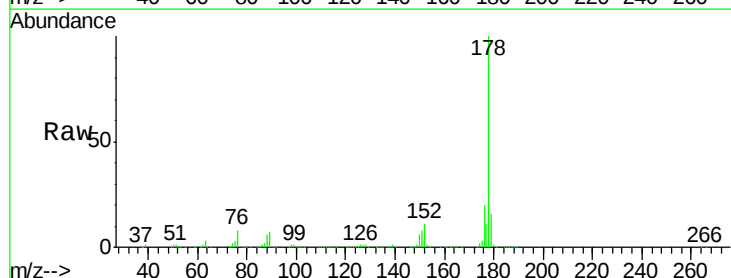


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

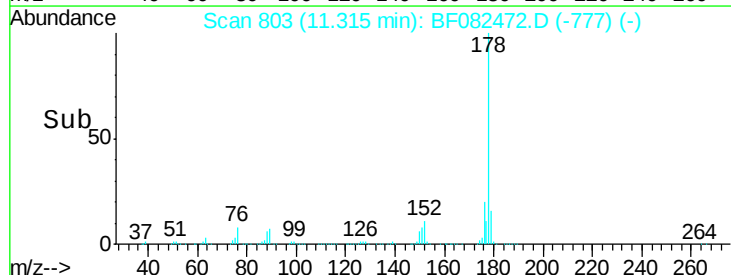
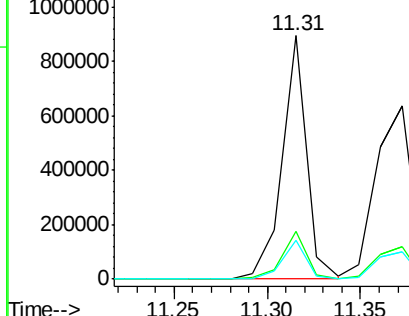


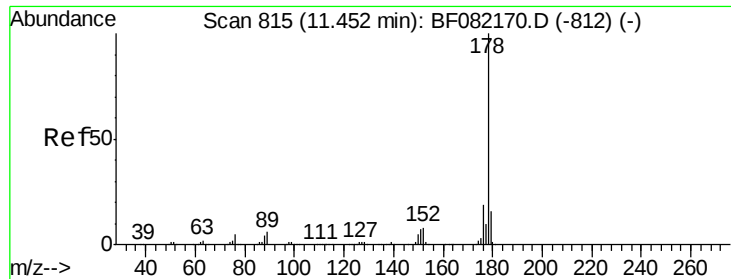
#70
 Phenanthrene
 Concen: 45.21 ng
 RT: 11.31 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	813957		
176	19.8	16.0	24.0	
179	15.7	12.6	19.0	



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





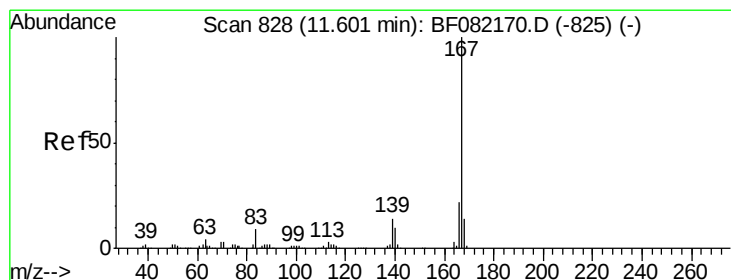
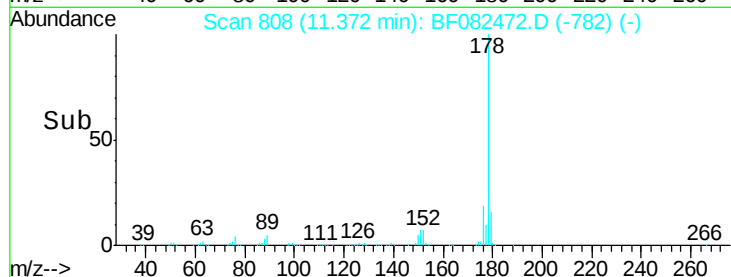
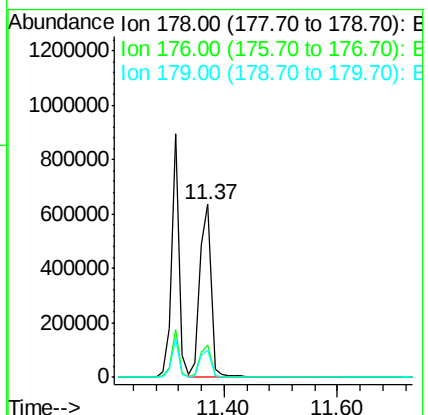
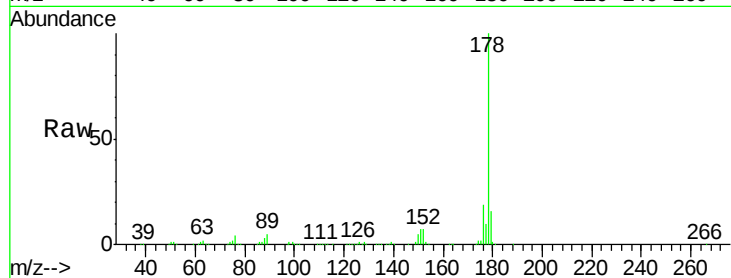
#71
 Anthracene
 Concen: 45.87 ng
 RT: 11.37 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.7	12.5	18.7

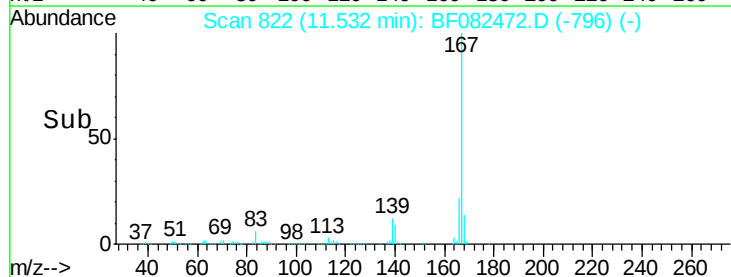
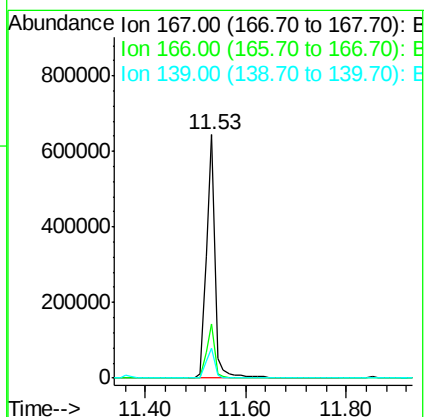
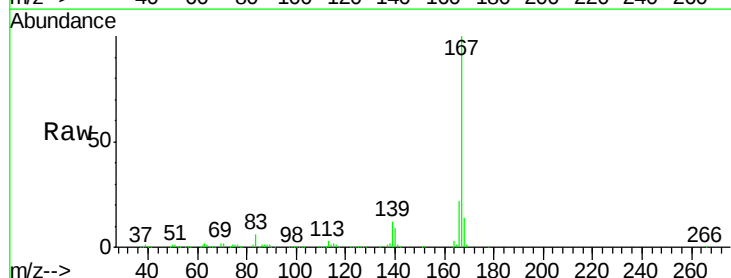
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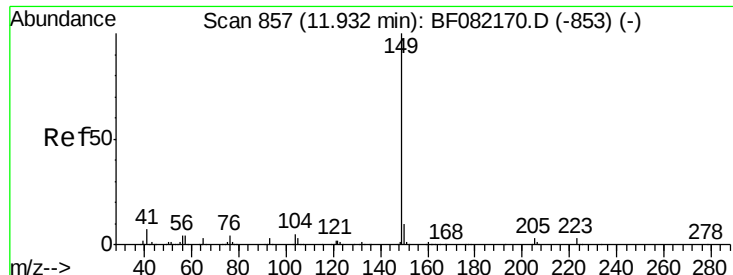
MmDadoda
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#72
 Carbazole
 Concen: 45.09 ng
 RT: 11.53 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.3	25.9
139	12.5	11.2	16.8





#73

Di-n-butylphthalate

Concen: 41.00 ng

RT: 11.85 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

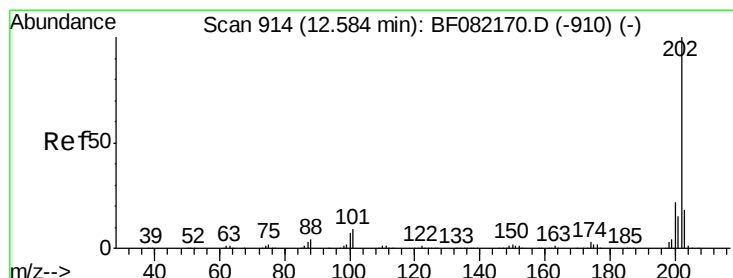
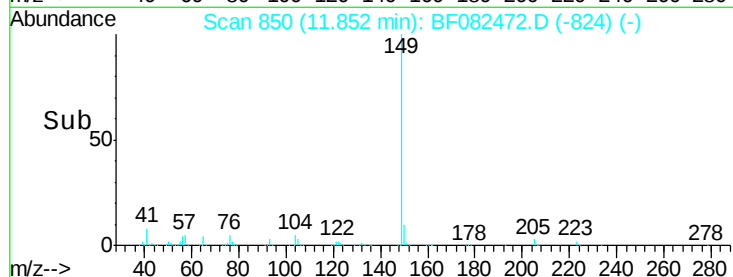
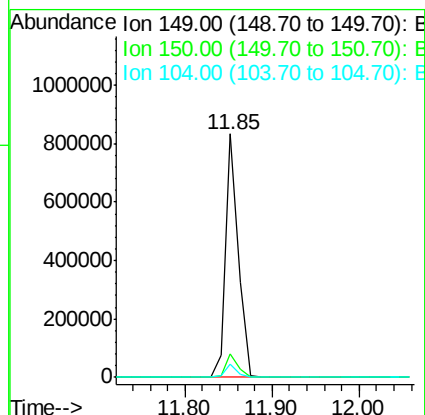
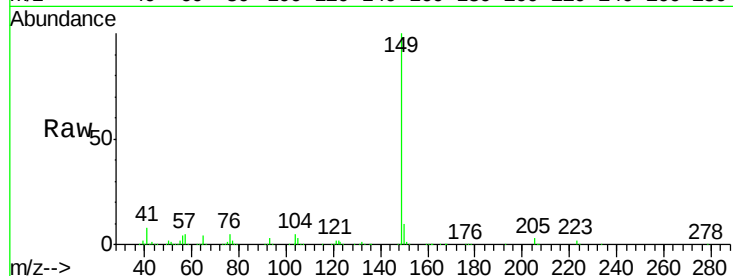
ClientSampleId :

PB86220BS

Tgt Ion:	149	Resp:	855985
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	5.2	3.8	5.8

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#74

Fluoranthene

Concen: 43.61 ng

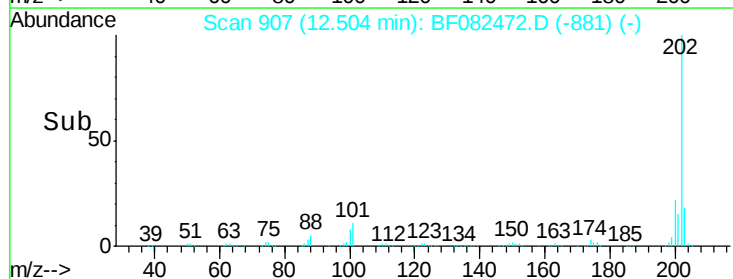
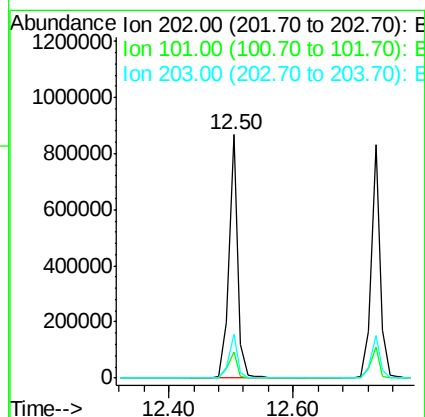
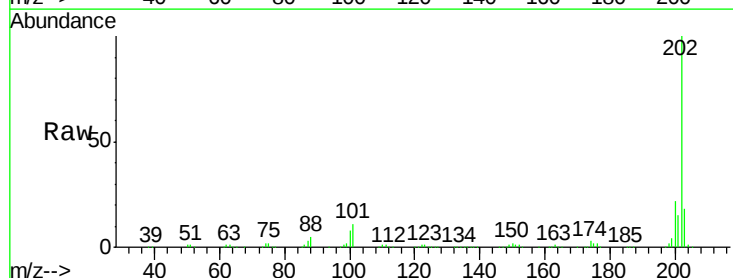
RT: 12.50 min Scan# 907

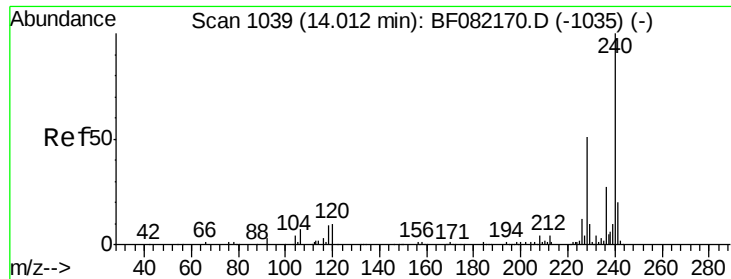
Delta R.T. 0.00 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion:	202	Resp:	843310
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	29.3
203	18.3	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

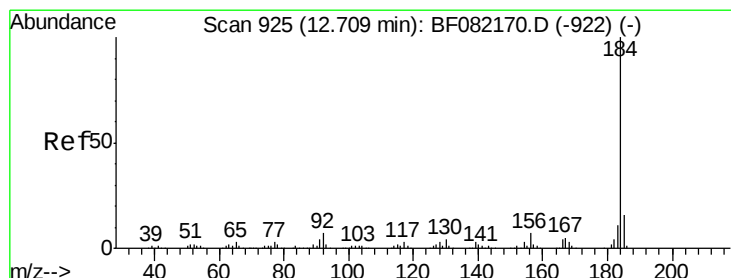
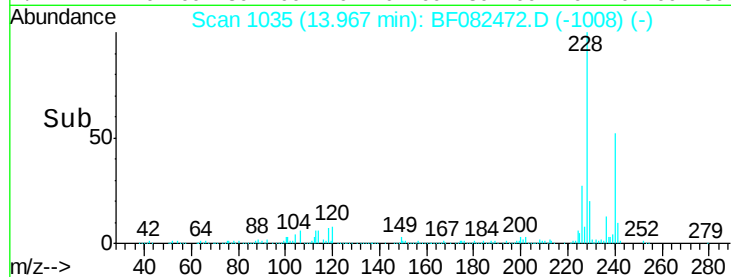
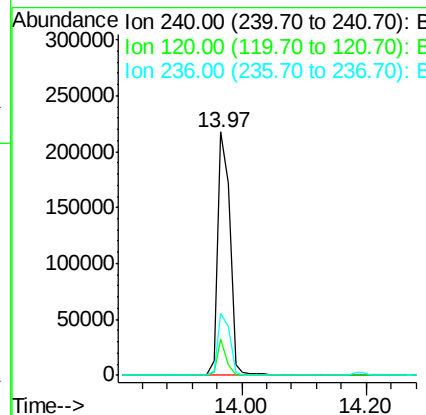
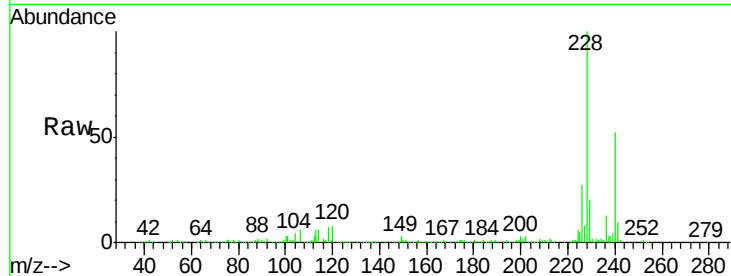
ClientSampleId :

PB86220BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	290040		
120	15.0	8.1	12.1#	
236	25.3	21.3	31.9	

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#76

Benzidine

Concen: 35.11 ng

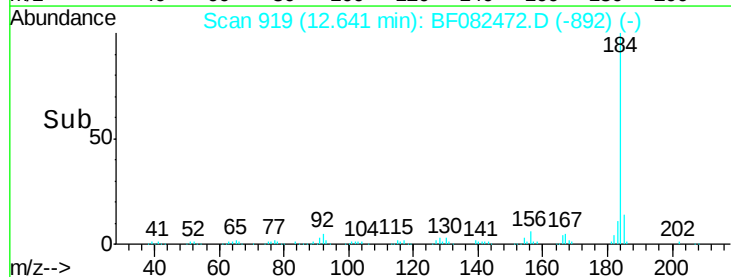
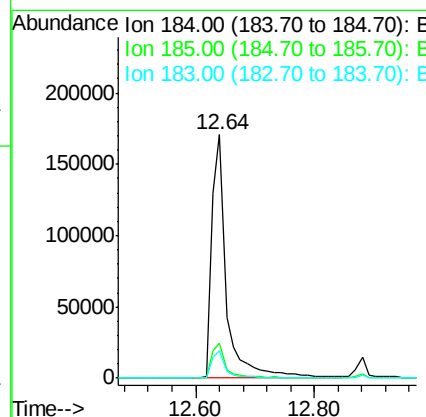
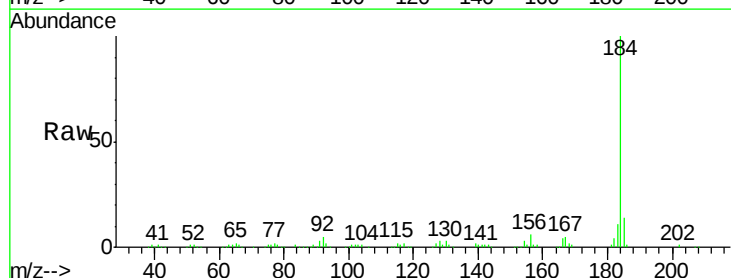
RT: 12.64 min Scan# 919

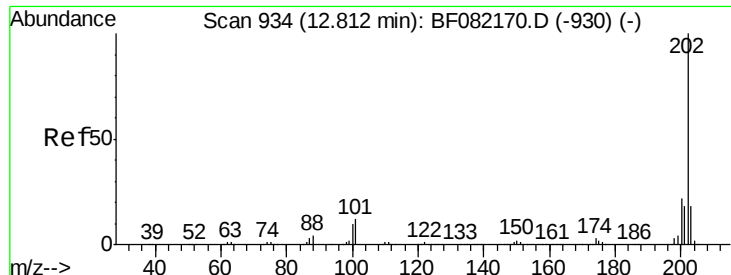
Delta R.T. 0.01 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	295134		
185	14.1	12.5	18.7	
183	11.3	9.1	13.7	





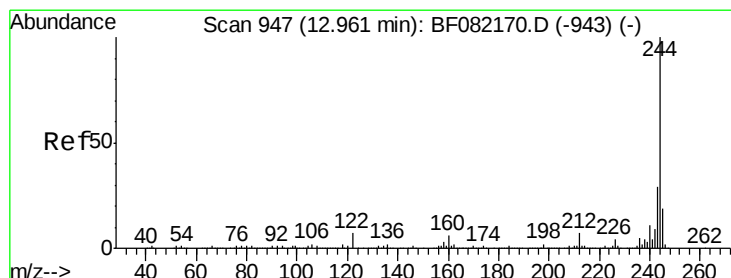
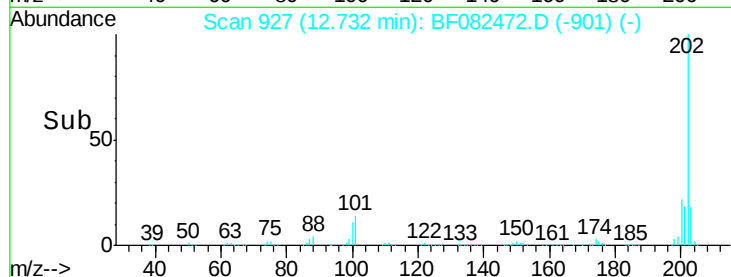
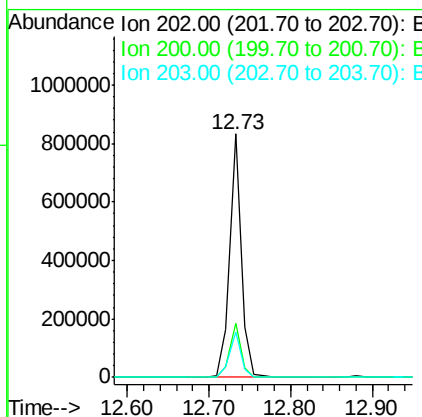
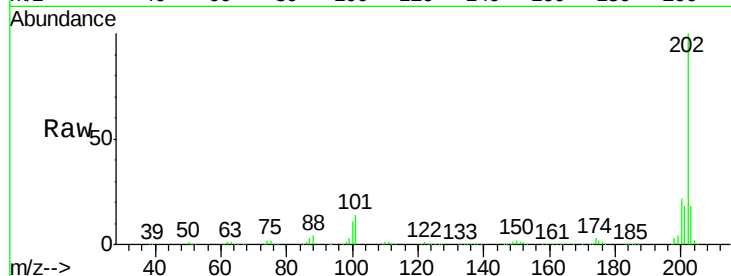
#77
 Pyrene
 Concen: 47.66 ng
 RT: 12.73 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.2	17.9	26.9
203	18.4	14.5	21.7

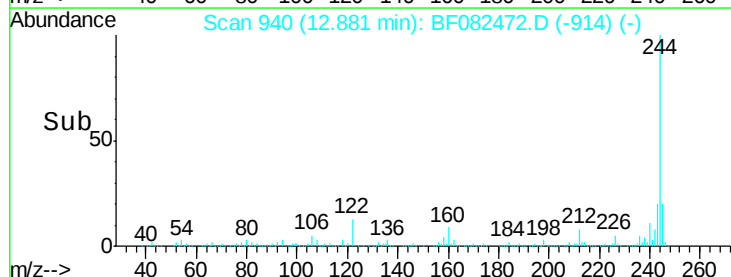
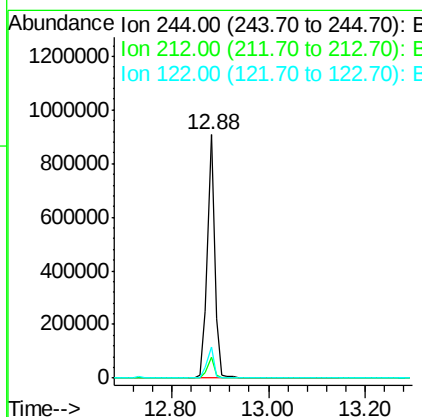
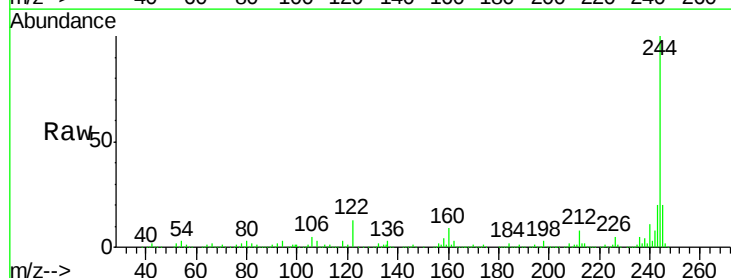
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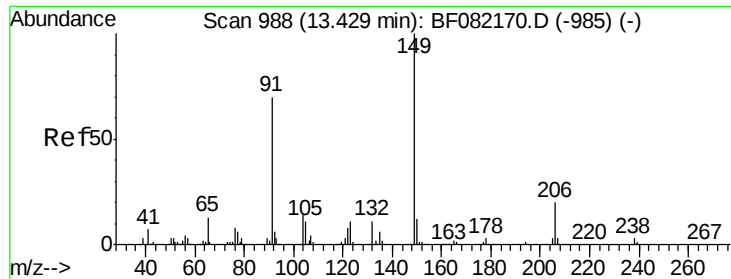
MmDadoda
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#78
 Terphenyl-d14
 Concen: 89.94 ng
 RT: 12.88 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.4	5.8	8.6
122	13.0	5.9	8.9#





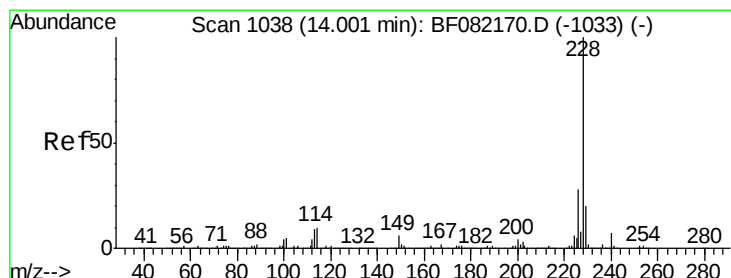
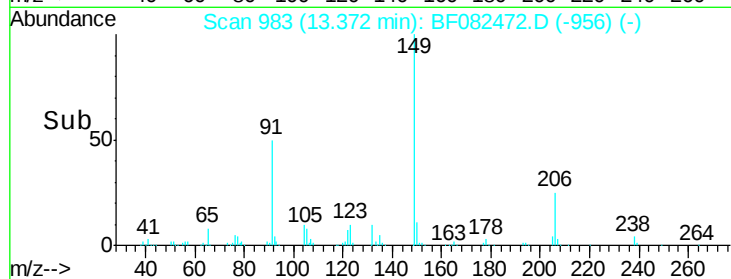
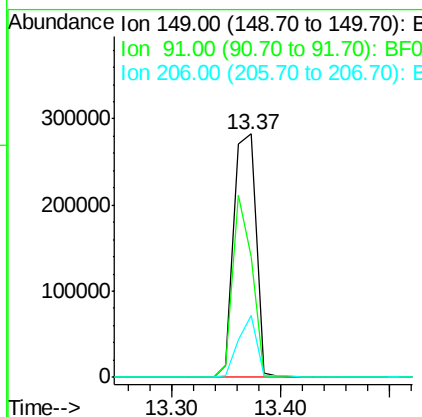
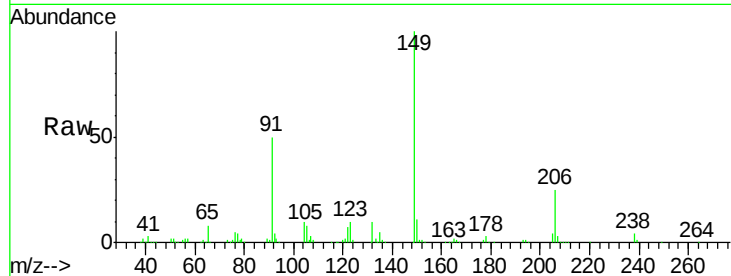
#79
Butylbenzylphthalate
Concen: 50.18 ng
RT: 13.37 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	49.7	55.7	83.5#
206	25.3	15.6	23.4#

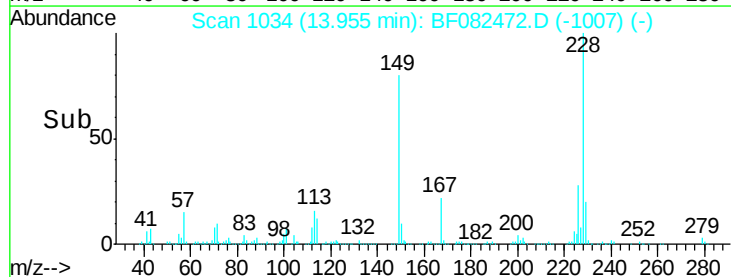
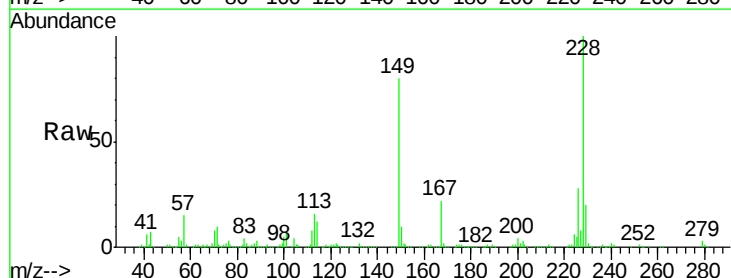
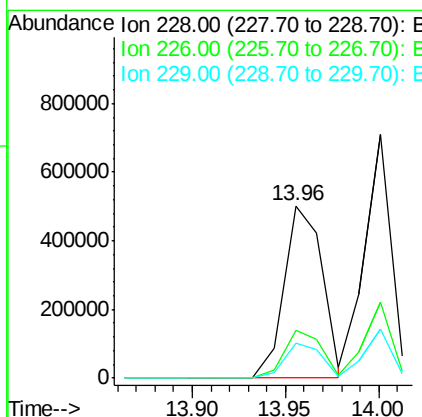
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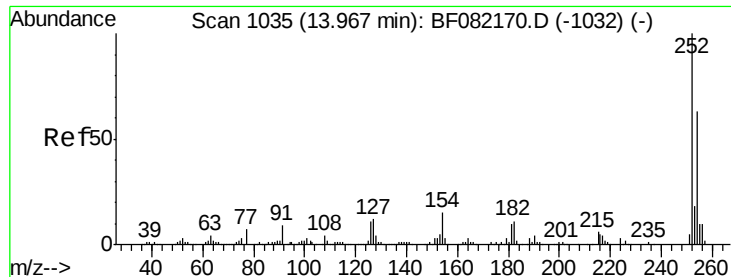
MmDadoda
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#80
Benzo(a)anthracene
Concen: 47.46 ng
RT: 13.96 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	22.3	33.5
229	20.1	16.2	24.2





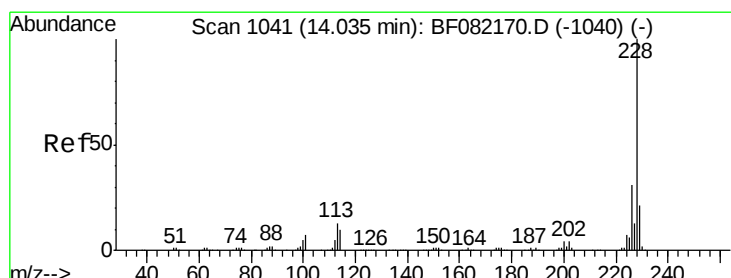
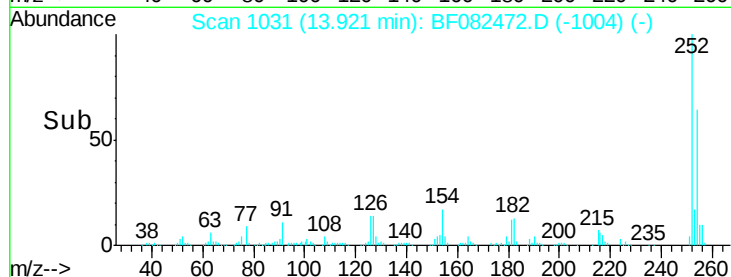
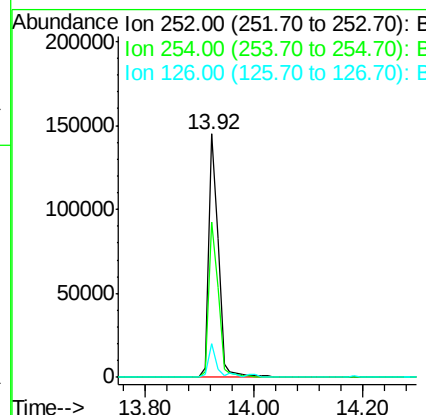
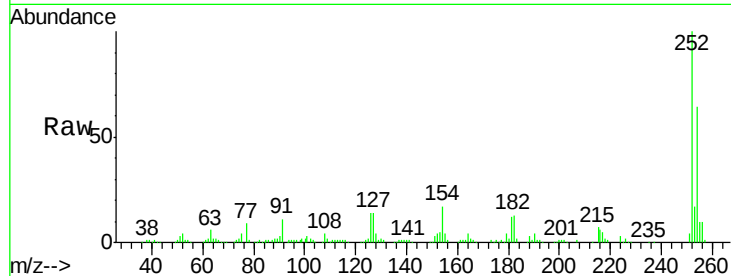
#81
 3,3'-Dichlorobenzidine
 Concen: 30.58 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	63.8	50.7	76.1
126	14.1	9.0	13.6

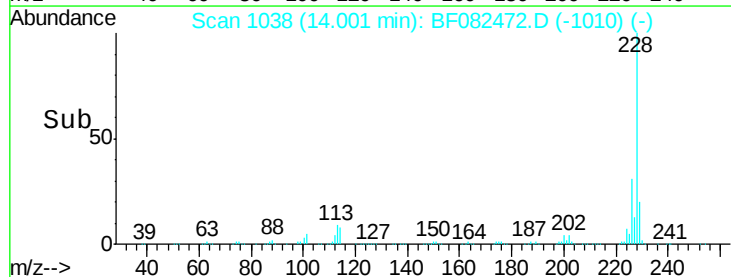
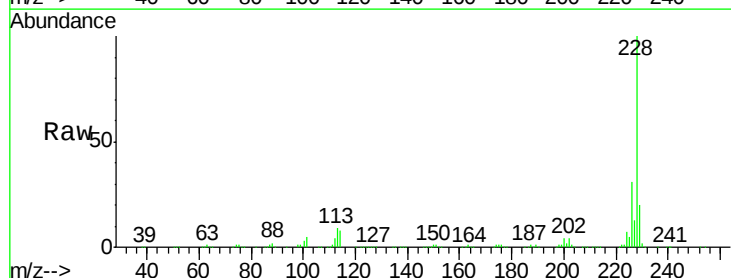
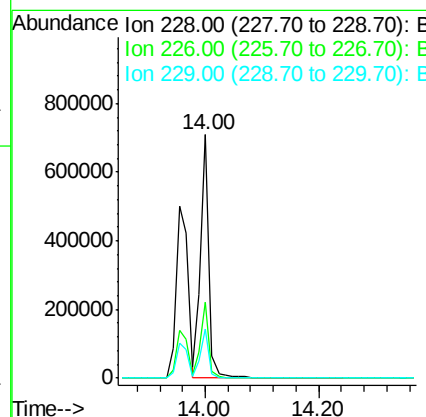
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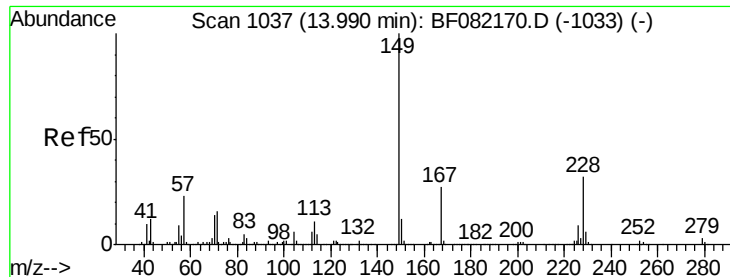
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#82
 Chrysene
 Concen: 45.81 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. 0.02 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	24.4	36.6
229	20.1	16.3	24.5





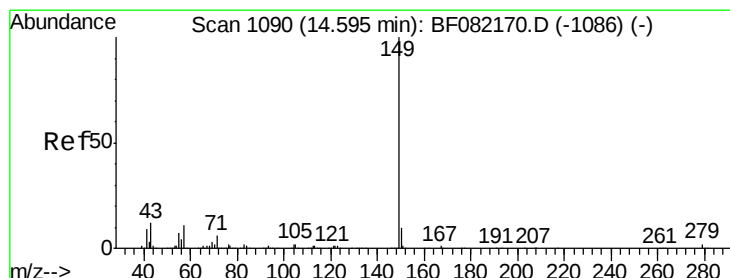
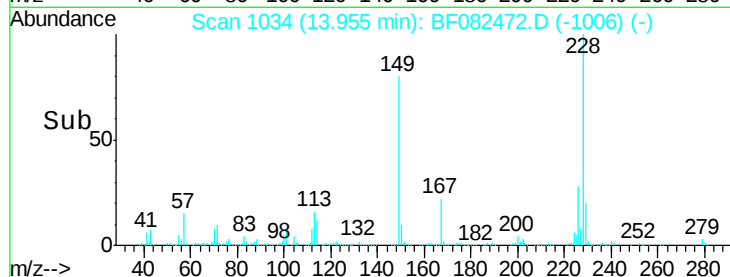
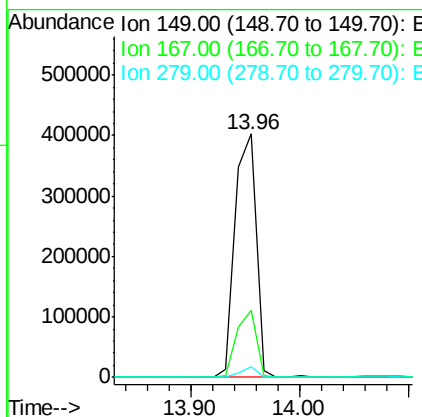
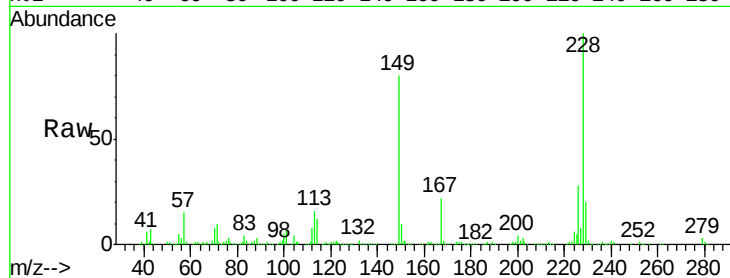
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.96 ng
 RT: 13.96 min Scan# 1034
 Delta R.T. 0.02 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.3	31.9
279	4.2	2.6	4.0

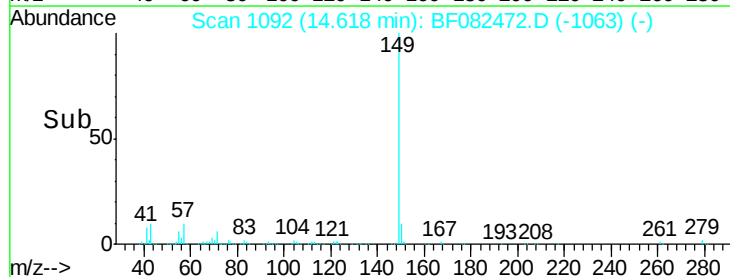
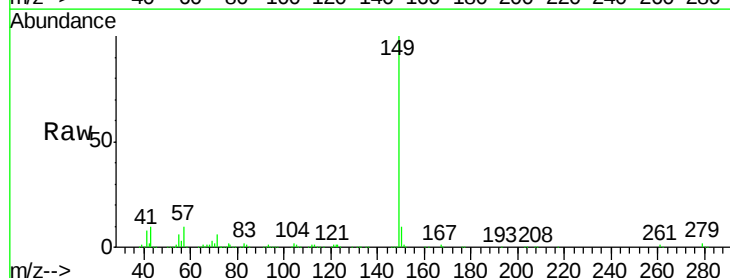
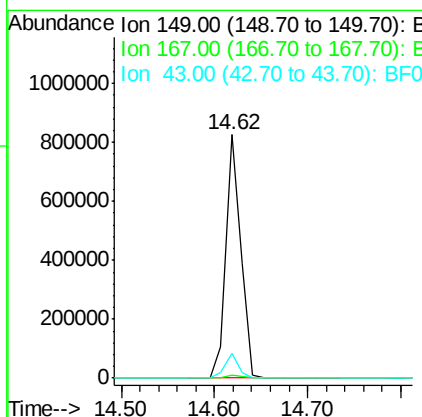
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#84
 Di-n-octyl phthalate
 Concen: 47.66 ng
 RT: 14.62 min Scan# 1092
 Delta R.T. 0.03 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.9	7.4	11.2





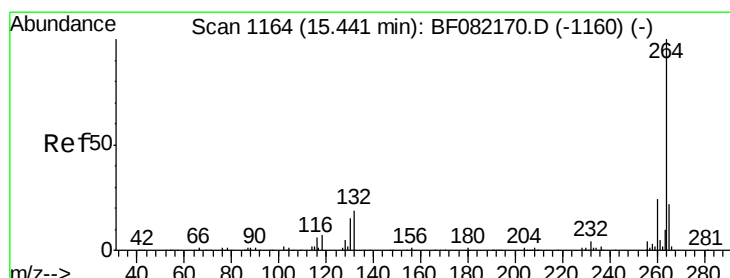
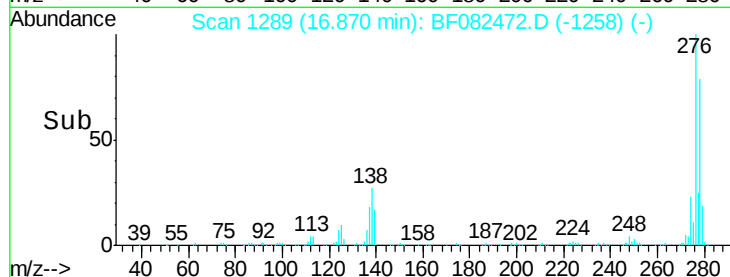
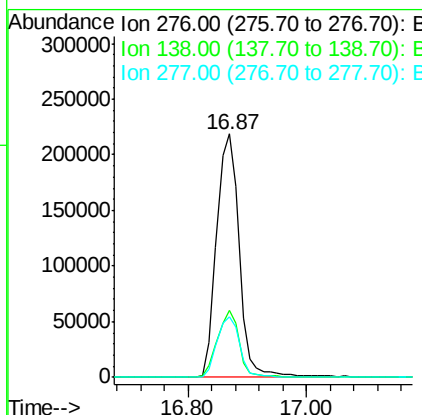
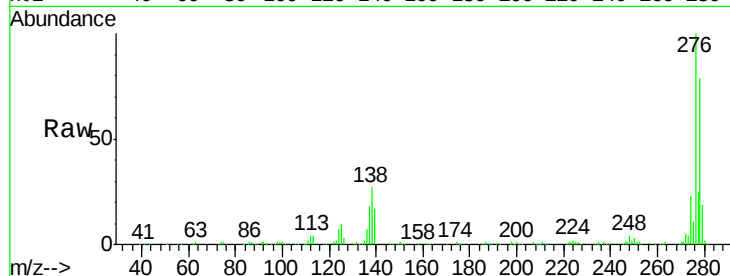
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.95 ng
 RT: 16.87 min Scan# 1289
 Delta R.T. 0.06 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	19.7	29.5
277	25.2	20.1	30.1

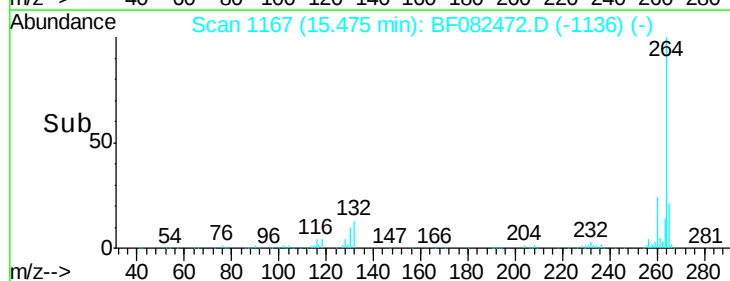
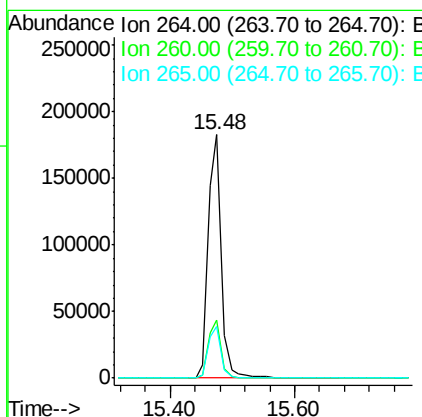
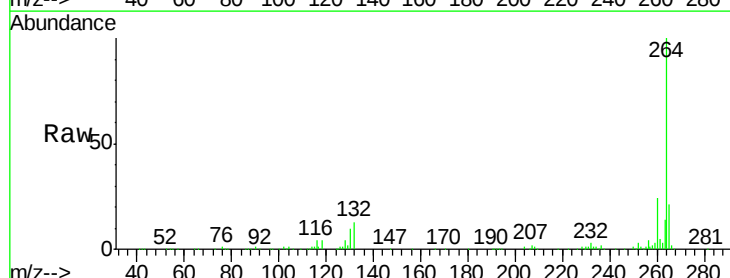
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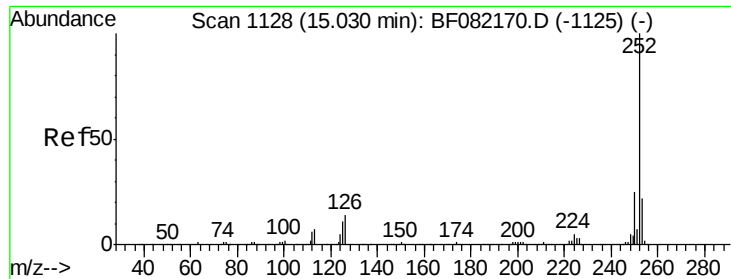
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. 0.06 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 39.59 ng m

RT: 15.06 min Scan# 1131

Delta R.T. 0.05 min

Lab File: BF082472.D

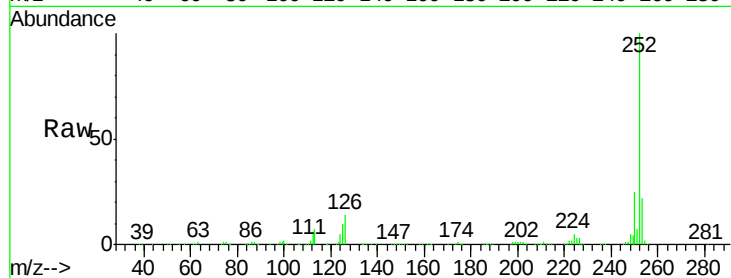
Acq: 23 Oct 2015 18:29

Instrument :

BNA_F

ClientSampleId :

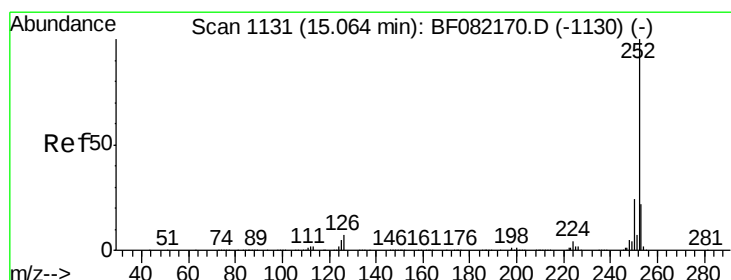
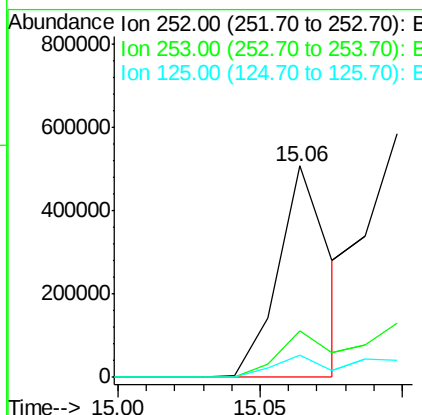
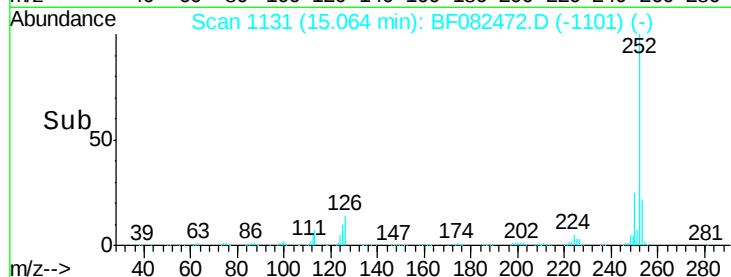
PB86220BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.5	8.6	12.8

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#88

Benzo(k)fluoranthene

Concen: 50.60 ng m

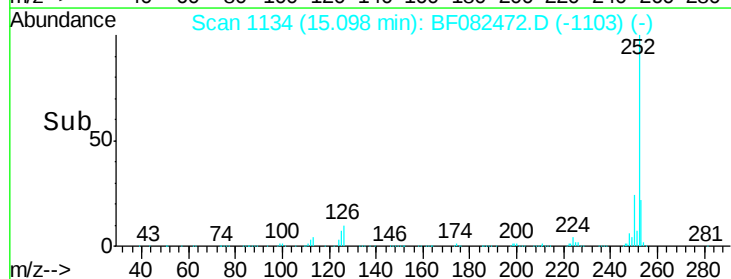
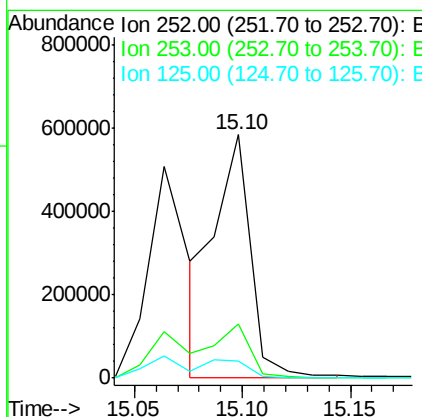
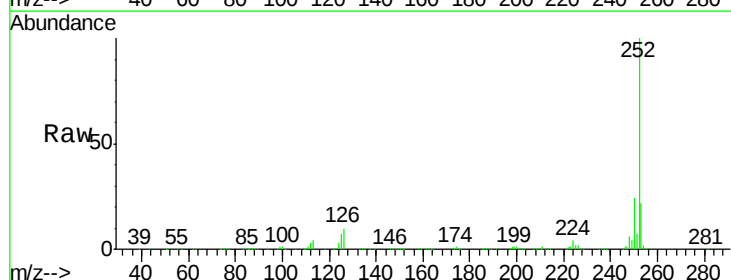
RT: 15.10 min Scan# 1134

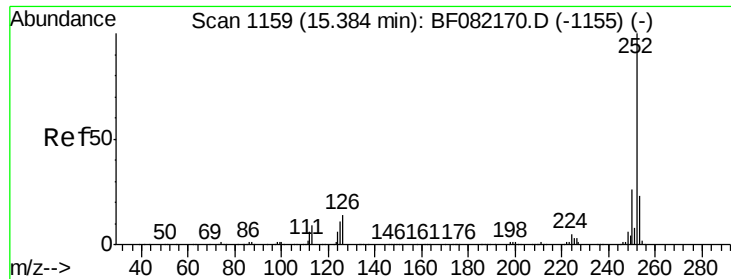
Delta R.T. 0.06 min

Lab File: BF082472.D

Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	6.8	6.7	10.1





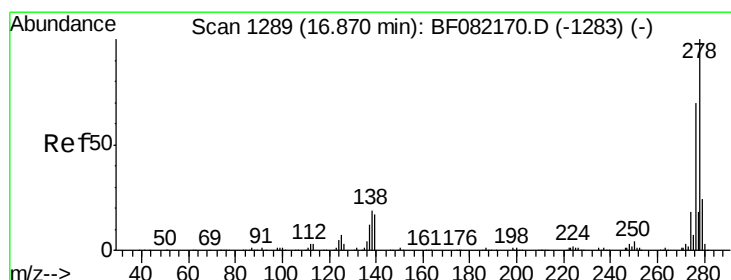
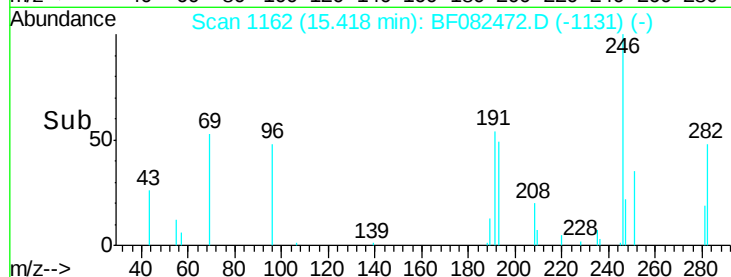
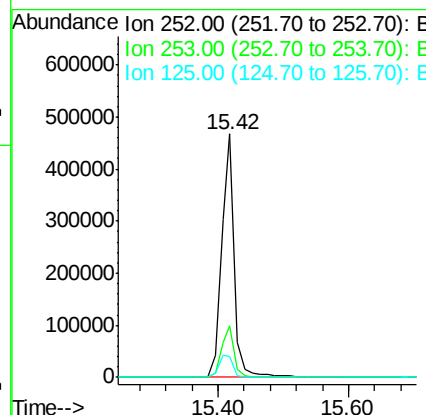
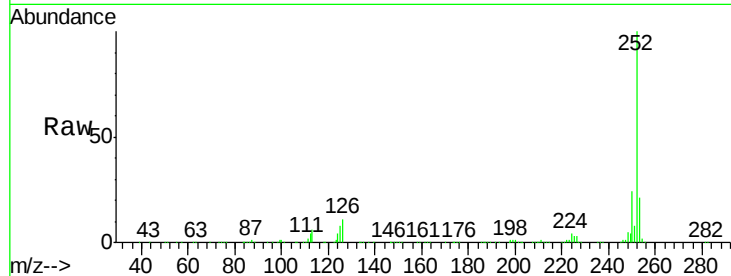
#89
Benzo(a)pyrene
Concen: 45.52 ng
RT: 15.42 min Scan# 1162
Delta R.T. 0.06 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PB86220BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.2
125	8.5	8.9	13.3

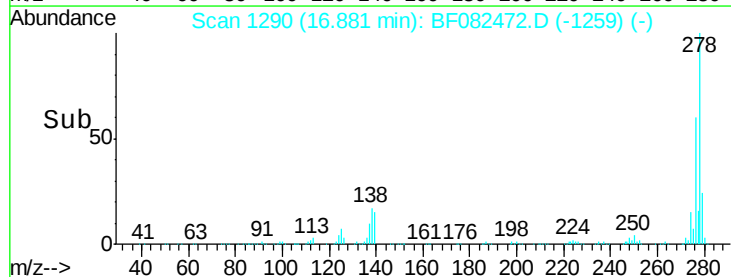
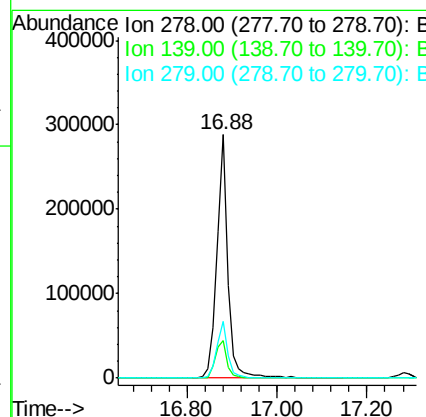
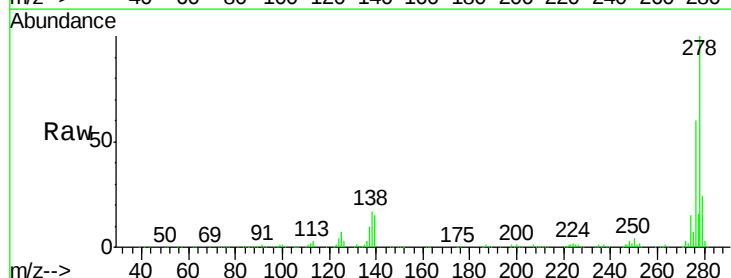
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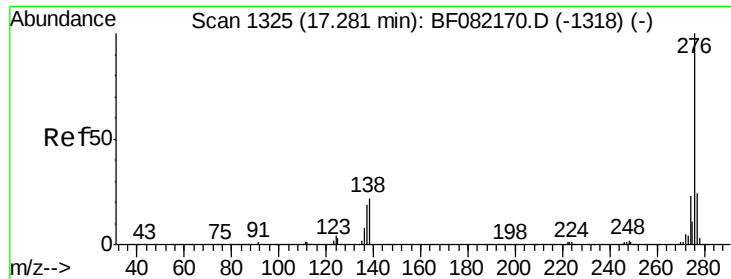
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#90
Dibenzo(a,h)anthracene
Concen: 43.32 ng
RT: 16.88 min Scan# 1290
Delta R.T. 0.06 min
Lab File: BF082472.D
Acq: 23 Oct 2015 18:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.3	19.9
279	23.5	18.9	28.3





#91
 Benzo(g,h,i)perylene
 Concen: 43.17 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. 0.06 min
 Lab File: BF082472.D
 Acq: 23 Oct 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86220BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	23.4	17.4	26.2

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