

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081127.D
 Acq On : 20 Aug 2015 16:31
 Operator : UM/IZ
 Sample : PB85121BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Manual Integrations
 APPROVED

MMDadoda
 8/21/2015 2:03:25 PM

Quant Time: Aug 21 01:51:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	73129	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	296454	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	145247	20.00	ng	-0.01
63) Phenanthrene-d10	11.09	188	283047	20.00	ng	0.00
75) Chrysene-d12	13.71	240	237408	20.00	ng	0.00
86) Perylene-d12	15.04	264	166988	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	431854	88.82	ng	0.01
7) Phenol-d6	6.23	99	601121	94.76	ng	0.00
23) Nitrobenzene-d5	7.14	82	382636	58.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	126163	100.20	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	661344	59.66	ng	-0.01
78) Terphenyl-d14	12.66	244	570602	51.53	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	57993	25.31	ng	97
3) Pyridine	2.69	79	151831	23.48	ng	84
4) n-Nitrosodimethylamine	2.63	42	106582	29.60	ng	86
6) Aniline	6.24	93	161242	17.48	ng	# 1
8) 2-Chlorophenol	6.36	128	157847	29.66	ng	97
9) Benzaldehyde	6.12	77	56723	13.87	ng	88
10) Phenol	6.24	94	249738	33.33	ng	85
11) bis(2-Chloroethyl)ether	6.32	93	177360	30.85	ng	91
12) 1,3-Dichlorobenzene	6.52	146	172598	30.18	ng	98
13) 1,4-Dichlorobenzene	6.60	146	172577	30.48	ng	98
14) 1,2-Dichlorobenzene	6.74	146	159592	30.11	ng	98
15) Benzyl Alcohol	6.73	79	167026	32.54	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.87	45	327458	28.99	ng	100
17) 2-Methylphenol	6.86	107	146803	32.15	ng	96
18) Hexachloroethane	7.09	117	66628	29.12	ng	97
19) n-Nitroso-di-n-propylamine	7.01	70	132165	30.08	ng	92
20) 3+4-Methylphenols	7.01	107	179791	31.02	ng	# 53
22) Acetophenone	7.00	105	242706	31.18	ng	# 88
24) Nitrobenzene	7.17	77	214340	31.59	ng	99
25) Isophorone	7.41	82	357840	29.57	ng	98
26) 2-Nitrophenol	7.49	139	91997	32.60	ng	# 68
27) 2,4-Dimethylphenol	7.53	122	151678	30.38	ng	96
28) bis(2-Chloroethoxy)methane	7.64	93	225533	31.55	ng	# 98
29) 2,4-Dichlorophenol	7.73	162	130098	30.95	ng	88
30) 1,2,4-Trichlorobenzene	7.81	180	134554	28.81	ng	98
31) Naphthalene	7.89	128	514856	31.16	ng	99
32) Benzoic acid	7.67	122	109585	39.03	ng	91
33) 4-Chloroaniline	7.94	127	101011	14.49	ng	# 86
34) Hexachlorobutadiene	8.01	225	82915	31.39	ng	97
35) Caprolactam	8.32	113	53975m	36.74	ng	
36) 4-Chloro-3-methylphenol	8.44	107	157014	31.35	ng	98
37) 2-Methylnaphthalene	8.57	142	302062	28.94	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	133543	28.50	ng	# 98
40) Hexachlorocyclopentadiene	8.73	237	147650	60.87	ng	99

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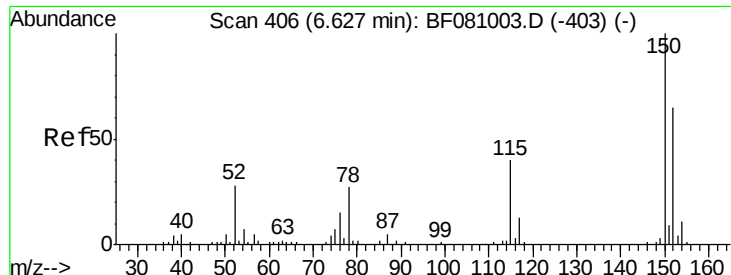
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	98599	29.78	nq	99
43) 2,4,5-Trichlorophenol	8.90	196	98545	29.78	nq	97
45) 1,1'-Biphenyl	9.04	154	383334	29.96	nq	97
46) 2-Chloronaphthalene	9.06	162	304300	29.61	nq	98
47) 2-Nitroaniline	9.17	65	134391	31.95	nq	# 75
48) Acenaphthylene	9.48	152	525815	28.60	nq	99
49) Dimethylphthalate	9.35	163	330754	27.65	nq	99
50) 2,6-Dinitrotoluene	9.41	165	69923	27.23	nq	# 64
51) Acenaphthene	9.65	154	304737	27.69	nq	99
52) 3-Nitroaniline	9.57	138	54802	17.05	nq	92
53) 2,4-Dinitrophenol	9.68	184	74962	56.38	nq	86
54) Dibenzofuran	9.82	168	457886	31.04	nq	97
55) 4-Nitrophenol	9.75	139	118493	52.49	nq	84
56) 2,4-Dinitrotoluene	9.81	165	93488	27.46	nq	# 66
57) Fluorene	10.15	166	314893	27.75	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	76464m	29.86	nq	
59) Diethylphthalate	10.05	149	364842	28.82	nq	99
60) 4-Chlorophenyl-phenylether	10.15	204	140798	29.32	nq	94
61) 4-Nitroaniline	10.18	138	80358	24.46	nq	93
62) Azobenzene	10.31	77	421745	28.91	nq	97
64) 4,6-Dinitro-2-methylphenol	10.22	198	56961	33.70	nq	# 57
65) n-Nitrosodiphenylamine	10.28	169	294718	29.17	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	90510	32.55	nq	# 85
67) Hexachlorobenzene	10.70	284	88567	31.45	nq	# 91
68) Atrazine	10.81	200	106034	37.67	nq	99
69) Pentachlorophenol	10.89	266	96015	56.83	nq	99
70) Phenanthrene	11.11	178	527052	31.42	nq	100
71) Anthracene	11.16	178	468875	28.72	nq	99
72) Carbazole	11.32	167	464877	29.58	nq	99
73) Di-n-butylphthalate	11.66	149	593012	31.18	nq	98
74) Fluoranthene	12.29	202	583631	32.24	nq	97
76) Benzidine	12.41	184	207929	23.19	nq	99
77) Pyrene	12.50	202	522907	27.09	nq	99
79) Butylbenzylphthalate	13.14	149	253160	30.52	nq	# 68
80) Benzo(a)anthracene	13.69	228	468380	29.42	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	92218	17.88	nq	97
82) Chrysene	13.73	228	415164	28.93	nq	100
83) Bis(2-ethylhexyl)phthalate	13.72	149	358617	33.75	nq	# 98
84) Di-n-octyl phthalate	14.32	149	600143	37.16	nq	98
85) Indeno(1,2,3-cd)pyrene	16.24	276	294228	29.21	nq	# 94
87) Benzo(b)fluoranthene	14.69	252	432780m	36.64	nq	
88) Benzo(k)fluoranthene	14.71	252	282908m	25.70	nq	
89) Benzo(a)pyrene	14.99	252	316371	30.74	nq	# 95
90) Dibenzo(a,h)anthracene	16.25	278	245385	30.60	nq	# 94
91) Benzo(g,h,i)perylene	16.61	276	242529	29.81	nq	97

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



#1

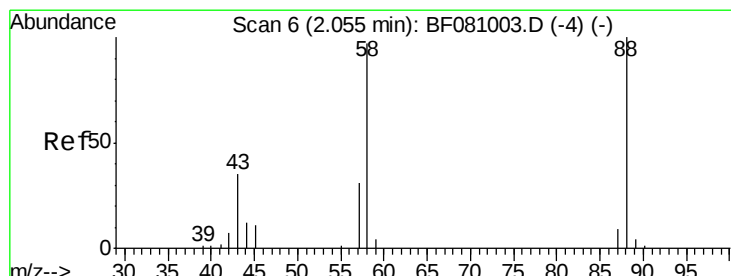
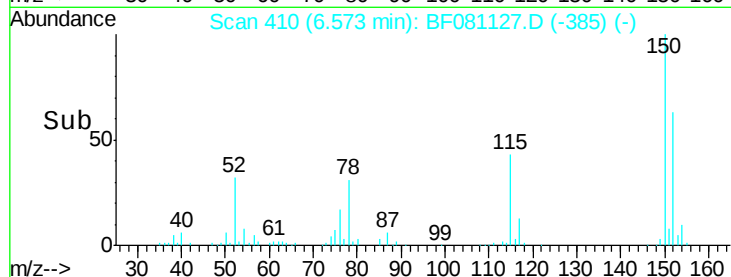
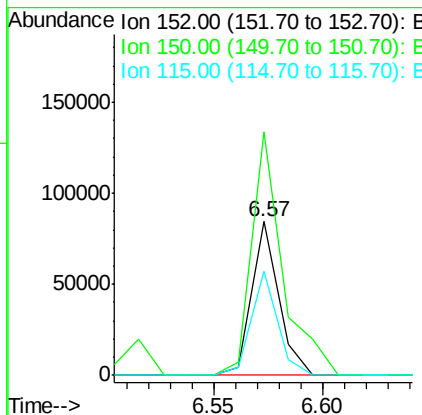
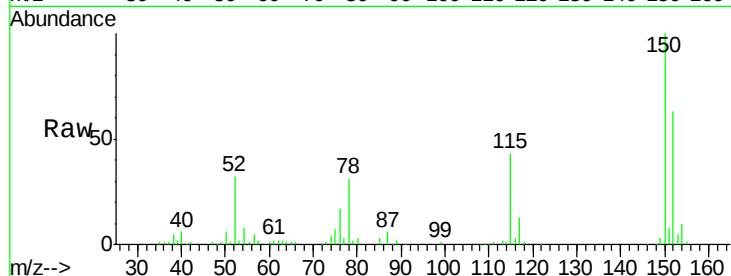
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.8	185.6
115	67.3	52.1	78.1

Manual Integrations
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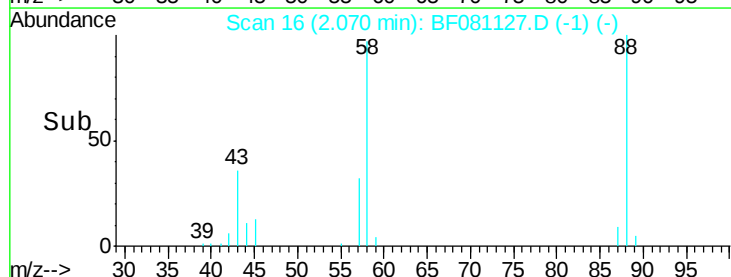
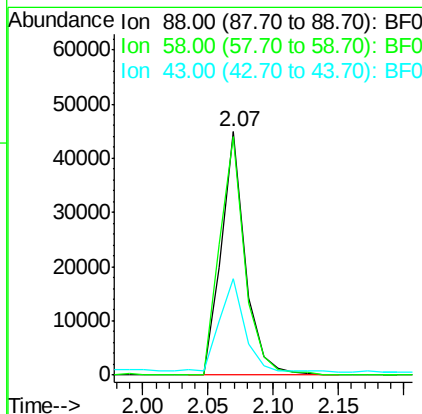
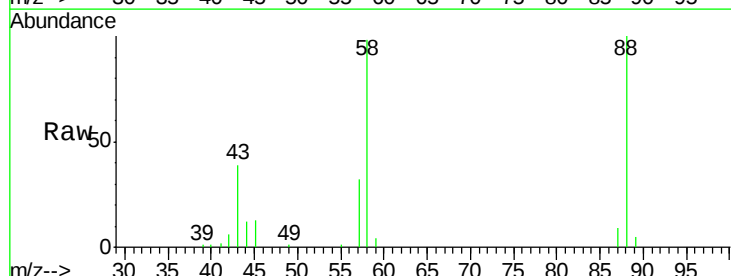
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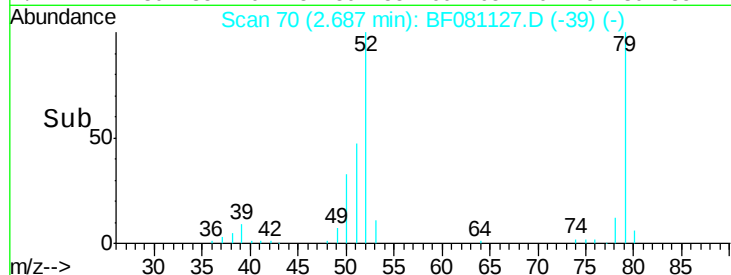
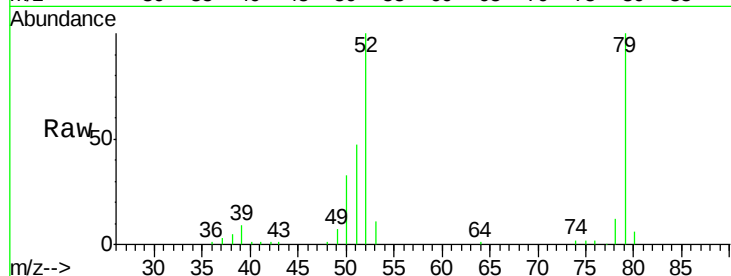
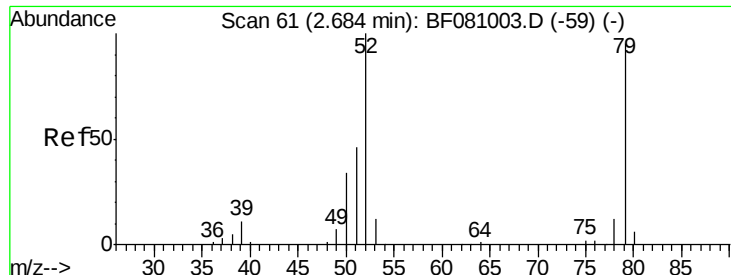


#2

1,4-Dioxane
Concen: 25.31 ng
RT: 2.07 min Scan# 16
Delta R.T. 0.07 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.8	83.7	125.5
43	43.9	37.5	56.3





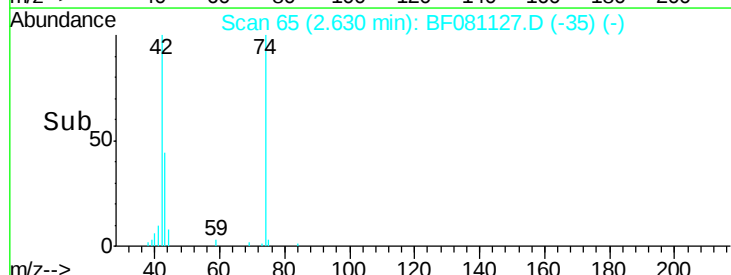
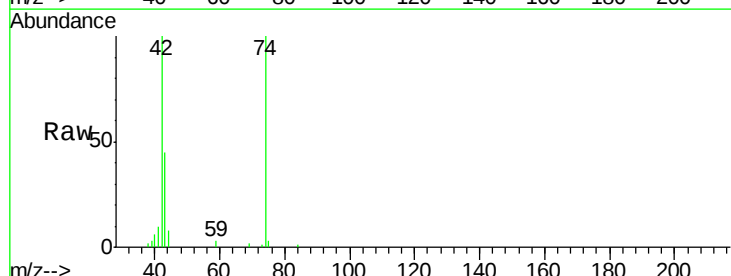
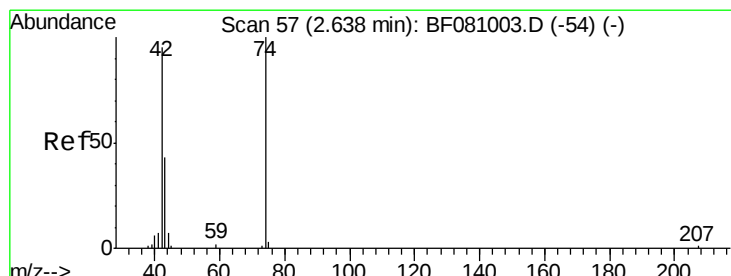
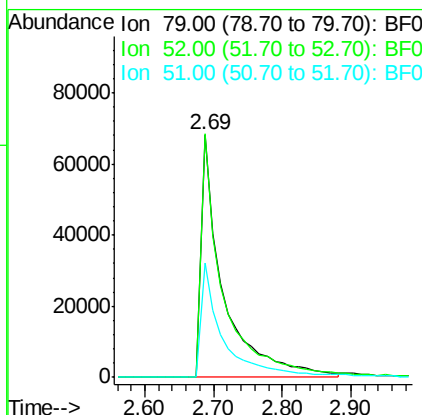
#3
 Pvridine
 Concen: 23.48 ng
 RT: 2.69 min Scan# 70
 Delta R.T. 0.06 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	100.4	95.1	142.7		
51	46.9	46.6	70.0		

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

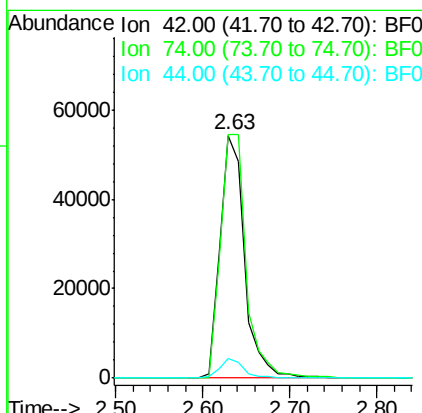
Manual Integrations
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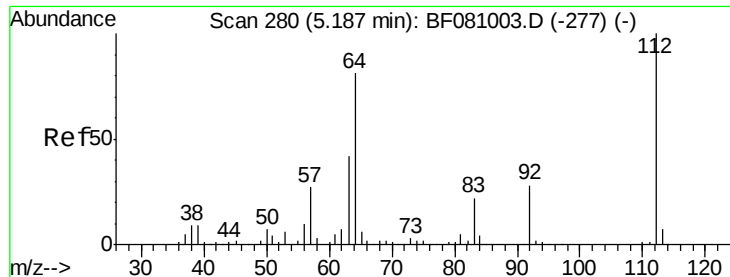
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#4
 n-Nitrosodimethylamine
 Concen: 29.60 ng
 RT: 2.63 min Scan# 65
 Delta R.T. 0.05 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	100.3	69.3	103.9		
44	8.1	5.5	8.3		





#5

2-Fluorophenol

Concen: 88.82 ng

RT: 5.16 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

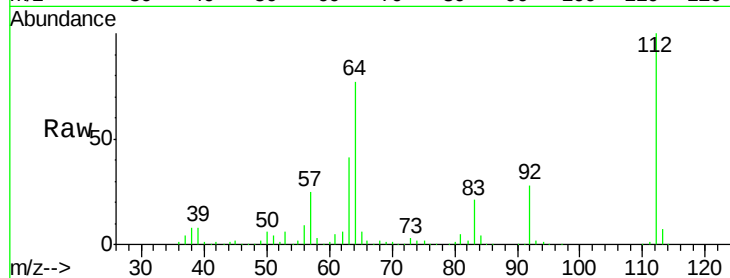
ClientSampleId :

PB85121BS

Tot Ion:	112	Resp:	431854
Ion Ratio	Lower	Upper	
112	100		
64	76.7	66.9	100.3
63	41.1	38.1	57.1

Manual Integrations
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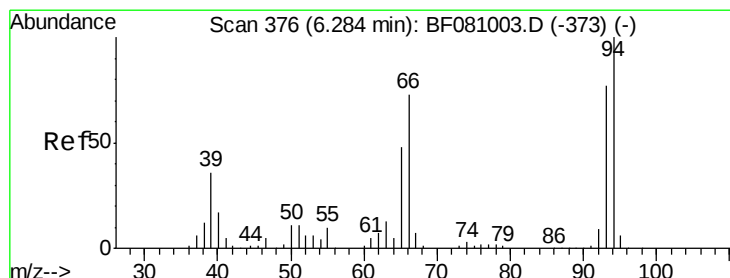
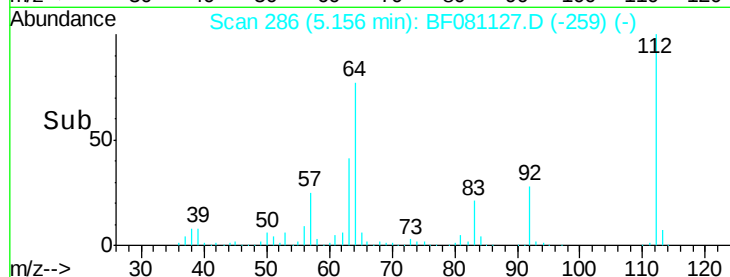
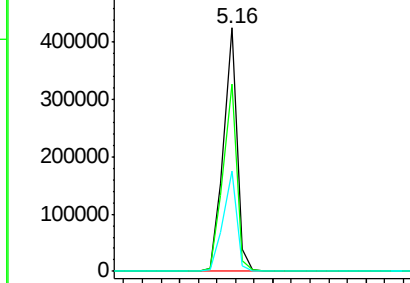
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.48 ng

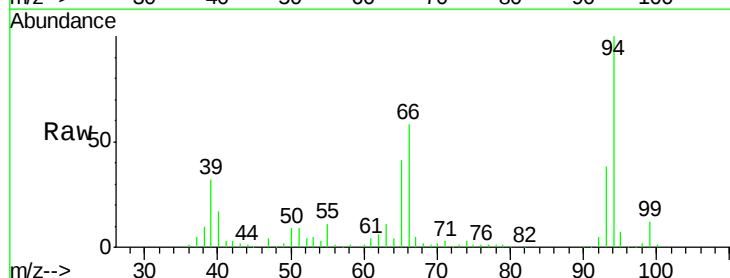
RT: 6.24 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

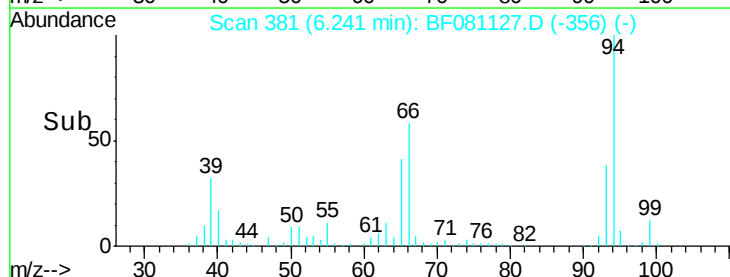
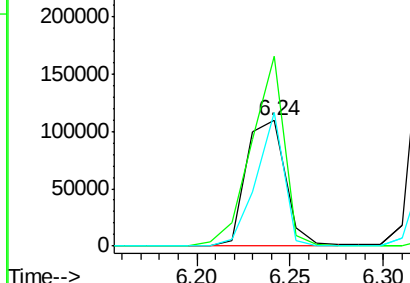
Tgt Ion:	93	Resp:	161242
Ion Ratio	Lower	Upper	
93	100		
66	151.5	35.6	53.4#
65	106.9	18.7	28.1#

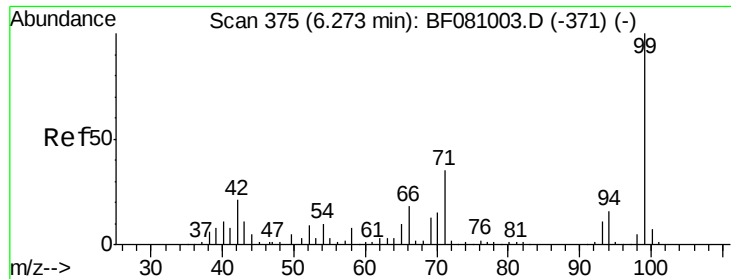


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 94.76 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

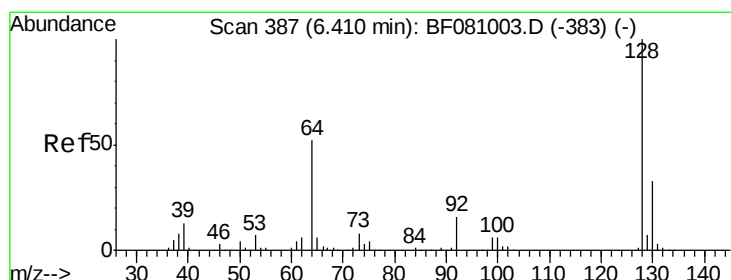
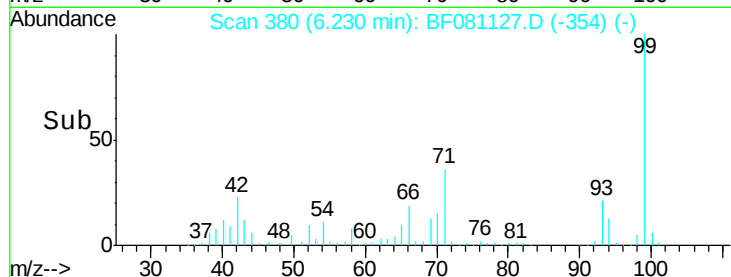
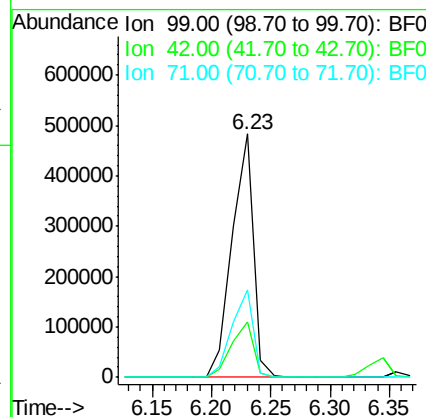
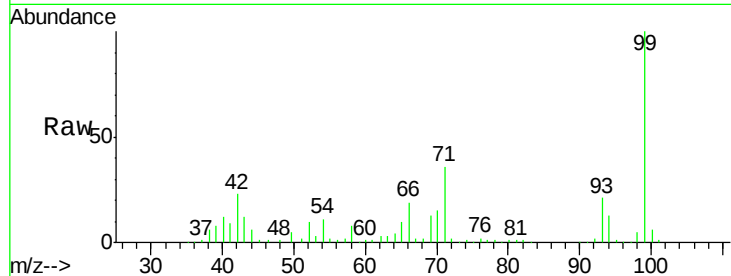
ClientSampleId :

PB85121BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		601121		
42	22.8	19.6	29.4		
71	35.9	31.2	46.8		

Manual Integrations
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#8

2-Chlorophenol

Concen: 29.66 ng

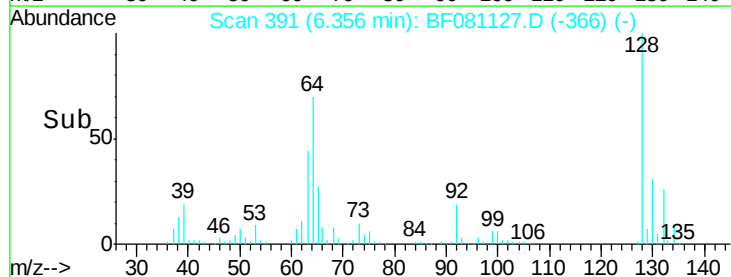
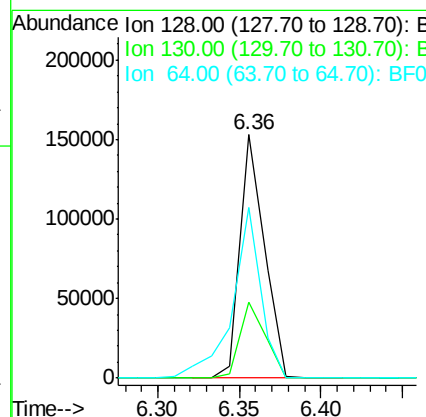
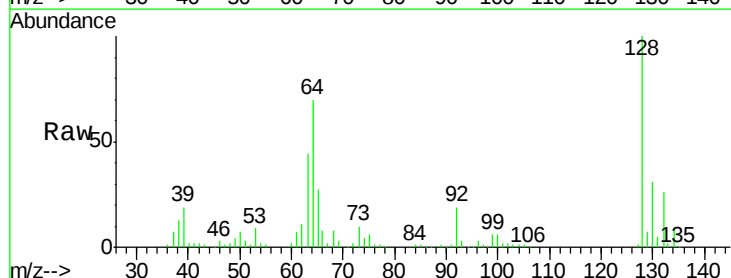
RT: 6.36 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		157847		
130	31.4	12.5	52.5		
64	70.0	46.8	86.8		





#9

Benzaldehyde

Concen: 13.87 ng

RT: 6.12 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

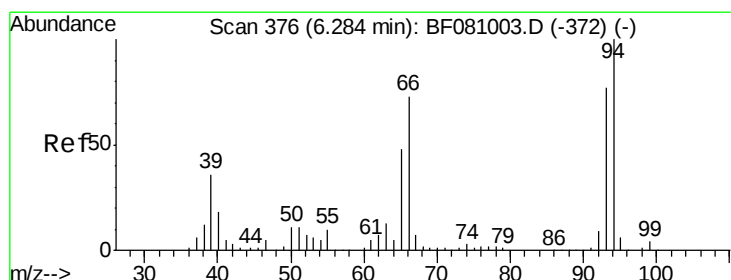
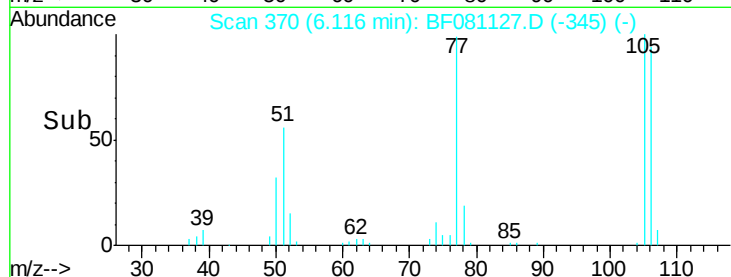
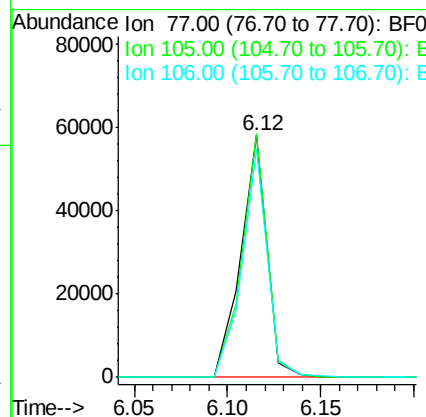
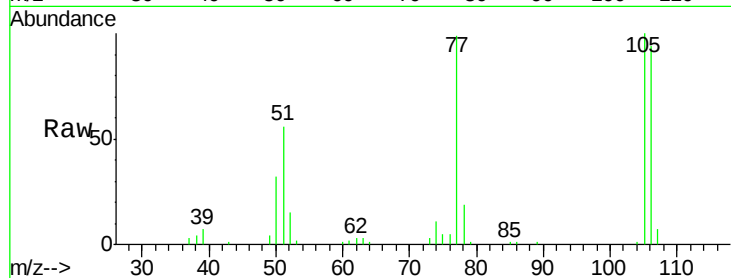
ClientSampleId :

PB85121BS

Tot Ion:	77	Resp:	56723
Ion	Ratio	Lower	Upper
77	100		
105	100.7	69.6	109.6
106	94.4	64.0	104.0

Manual Integrations
APPROVED

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#10

Phenol

Concen: 33.33 ng

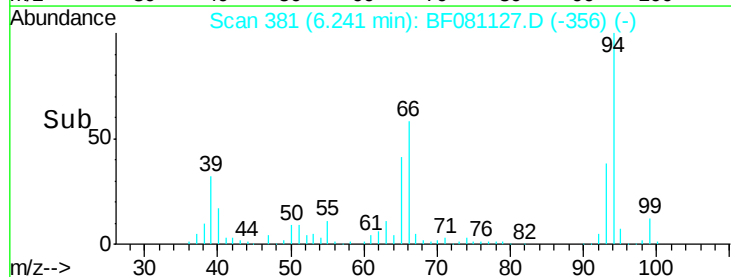
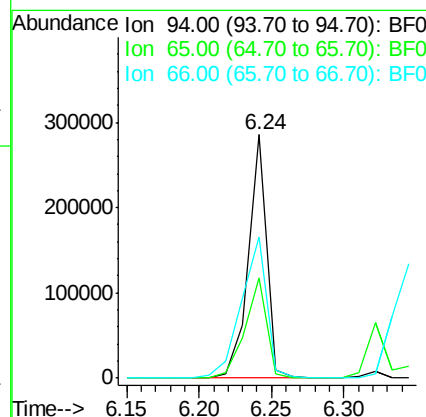
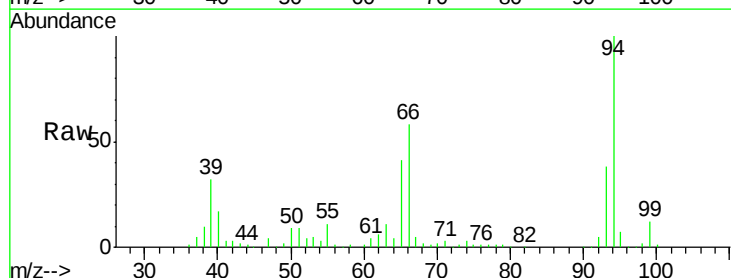
RT: 6.24 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Tgt Ion:	94	Resp:	249738
Ion	Ratio	Lower	Upper
94	100		
65	41.0	28.4	68.4
66	58.0	52.3	92.3





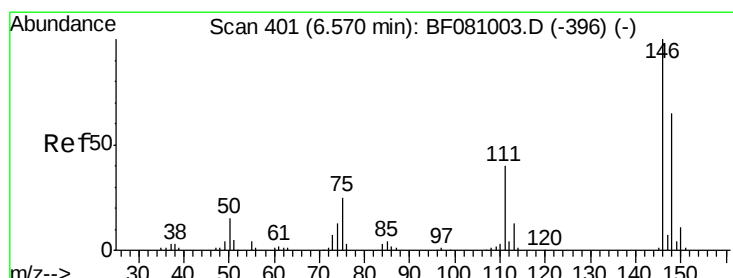
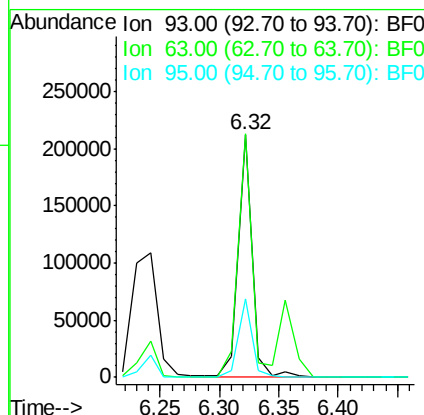
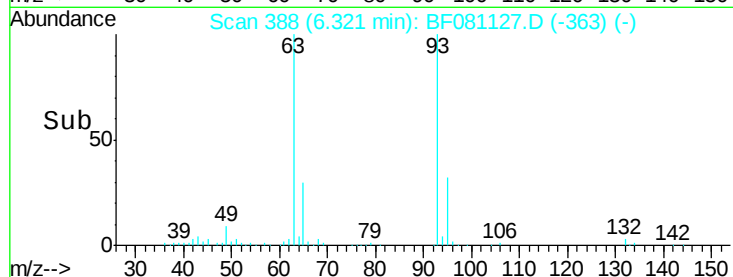
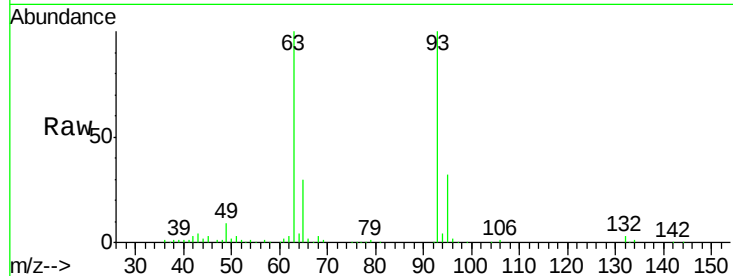
#11
bis(2-Chloroethyl)ether
Concen: 30.85 ng
RT: 6.32 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	177360		
63	100.4	69.6	109.6	
95	32.6	12.3	52.3	

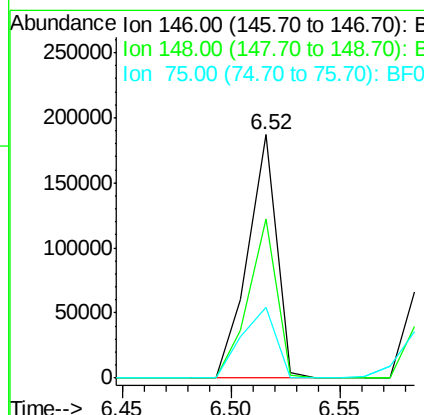
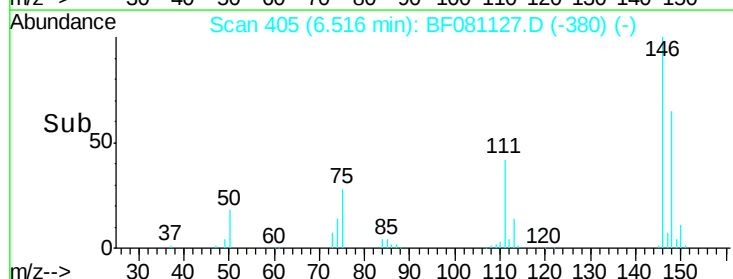
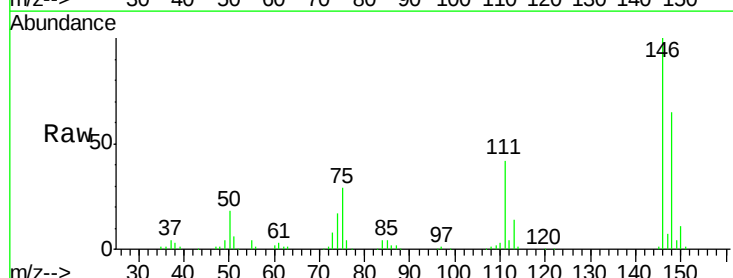
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#12
1,3-Dichlorobenzene
Concen: 30.18 ng
RT: 6.52 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	172598		
148	65.4	53.3	79.9	
75	29.3	25.0	37.6	





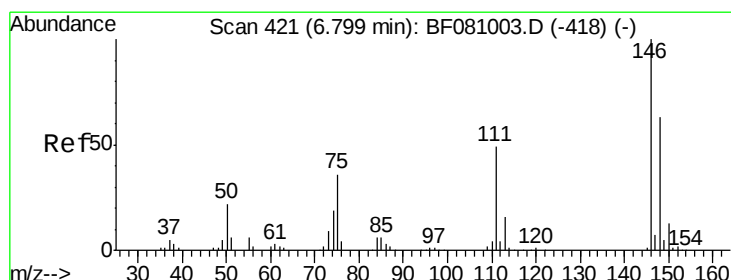
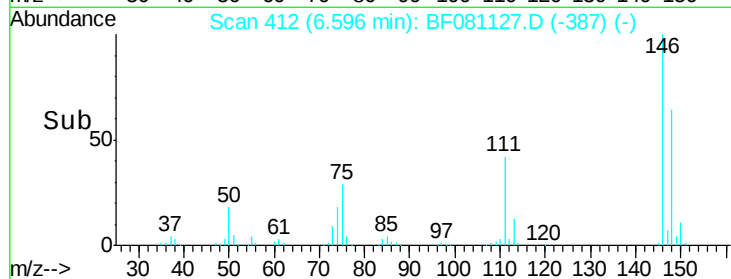
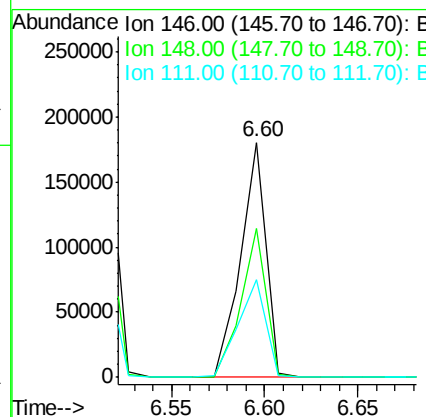
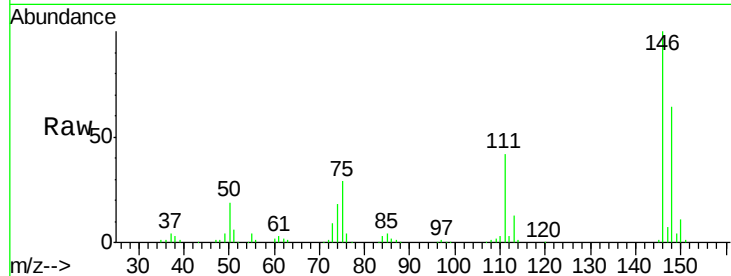
#13
 1,4-Dichlorobenzene
 Concen: 30.48 ng
 RT: 6.60 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.3	78.5
111	41.7	34.4	51.6

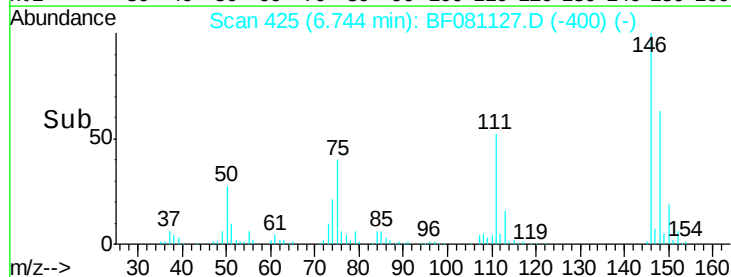
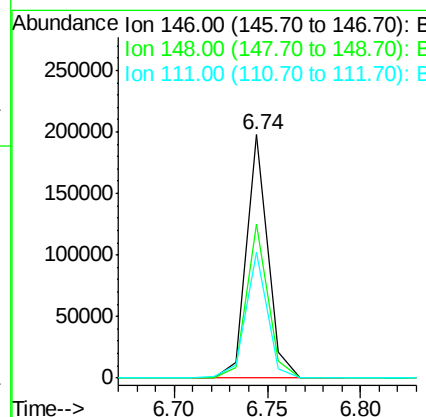
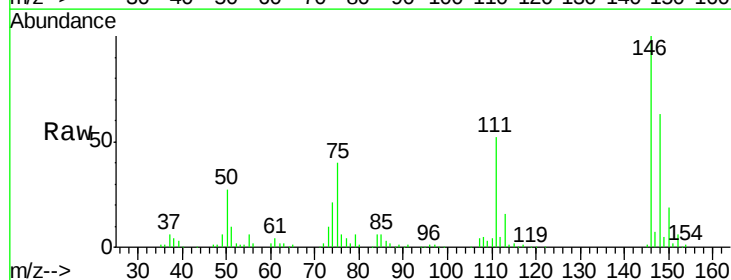
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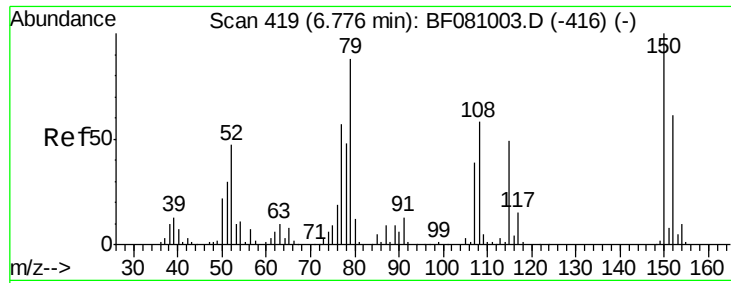
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#14
 1,2-Dichlorobenzene
 Concen: 30.11 ng
 RT: 6.74 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	48.7	73.1
111	51.8	42.3	63.5





#15

Benzyl Alcohol

Concen: 32.54 ng

RT: 6.73 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

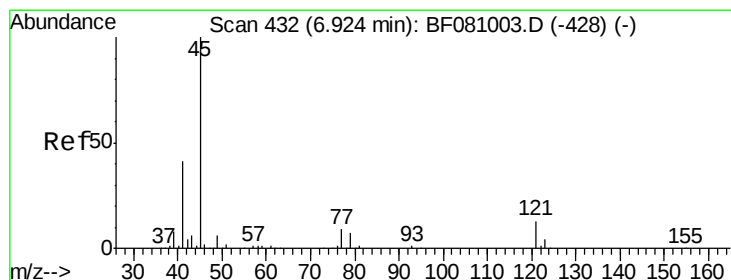
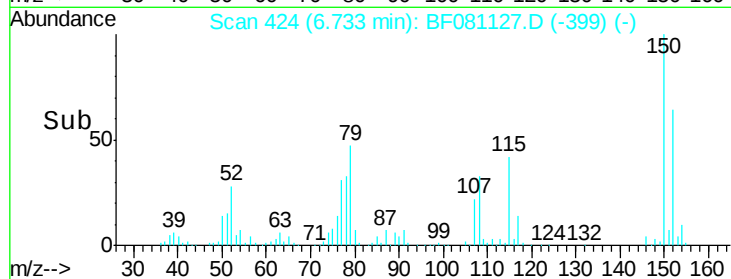
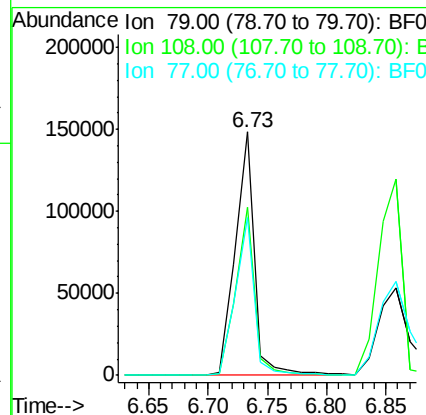
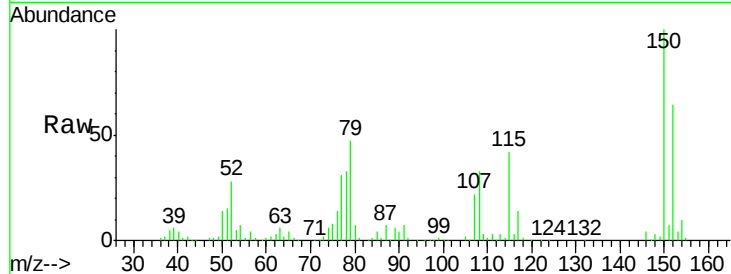
ClientSampleId :

PB85121BS

Tot Ion:	79	Resp:	167026
Ion Ratio	Lower	Upper	
79	100		
108	68.9	49.4	74.2
77	64.9	51.4	77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.99 ng

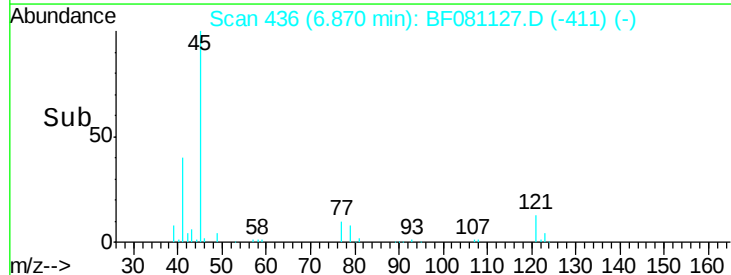
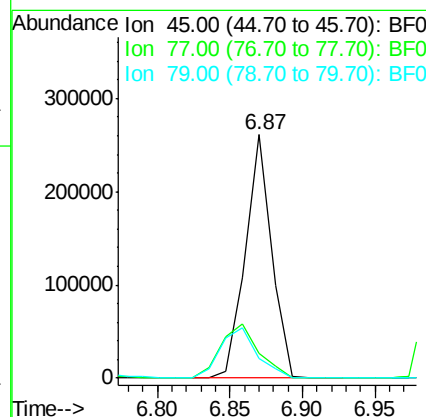
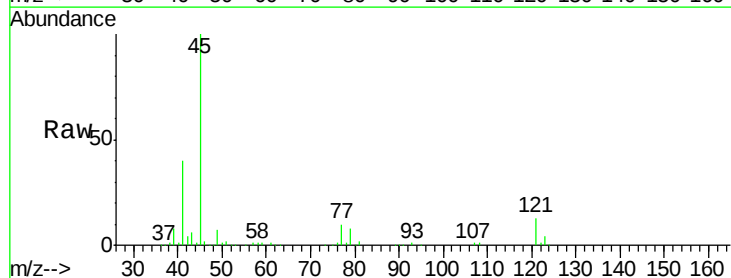
RT: 6.87 min Scan# 436

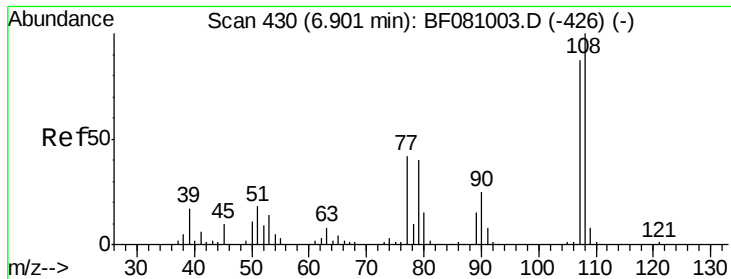
Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Tgt Ion:	45	Resp:	327458
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	30.2
79	8.0	0.0	28.0





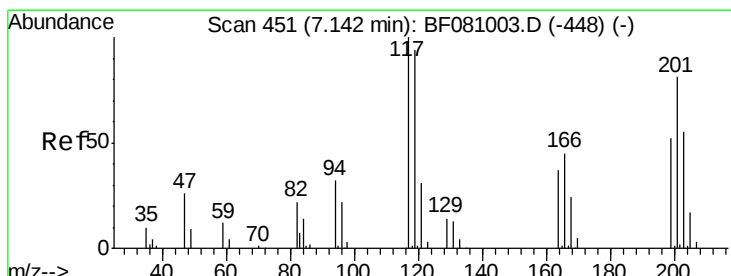
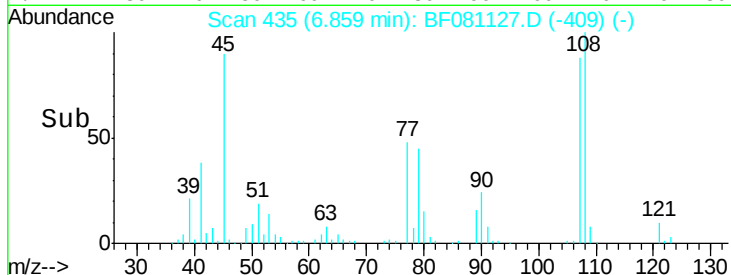
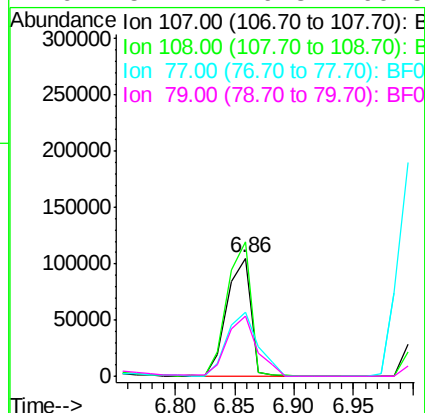
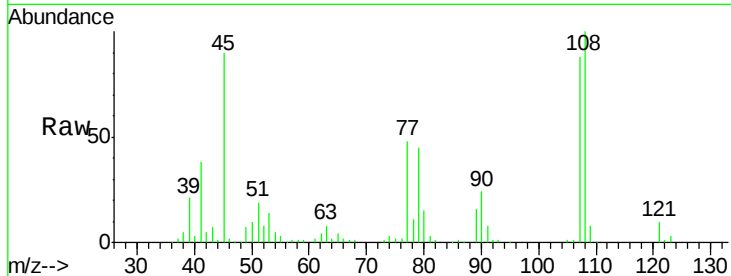
#17
2-Methylphenol
Concen: 32.15 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	146803		
108	114.0	90.4	135.6	
77	54.8	46.5	69.7	
79	51.1	46.3	69.5	

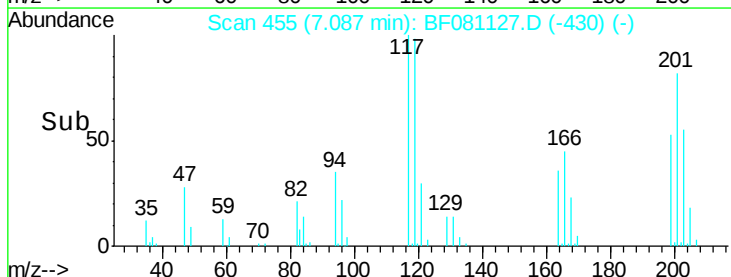
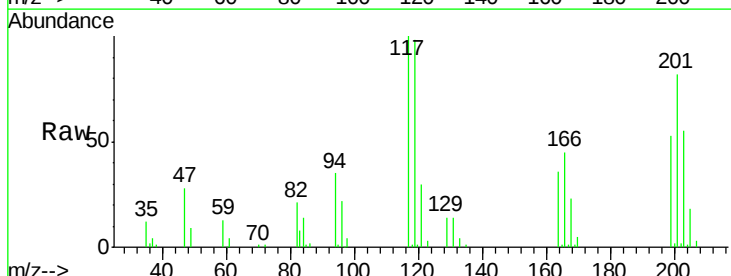
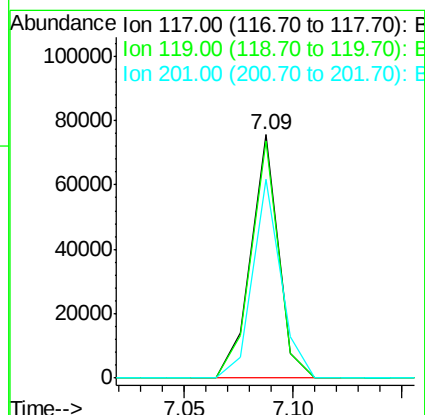
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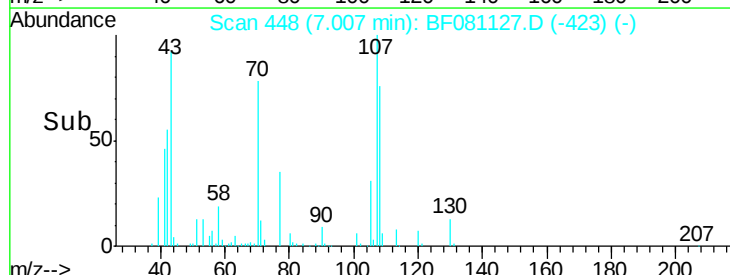
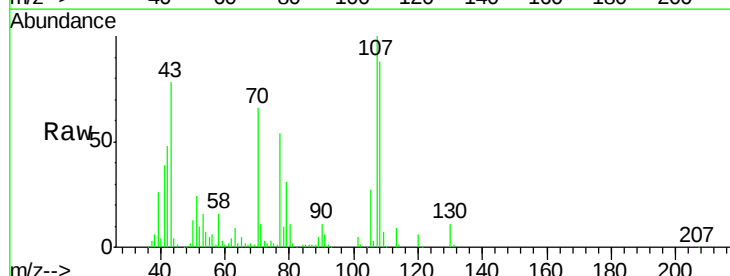
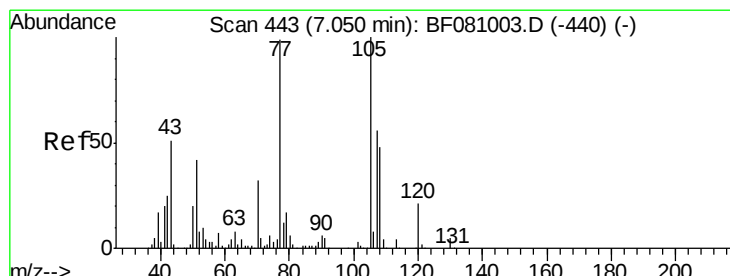
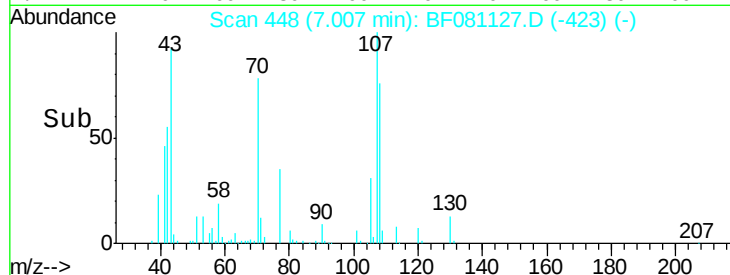
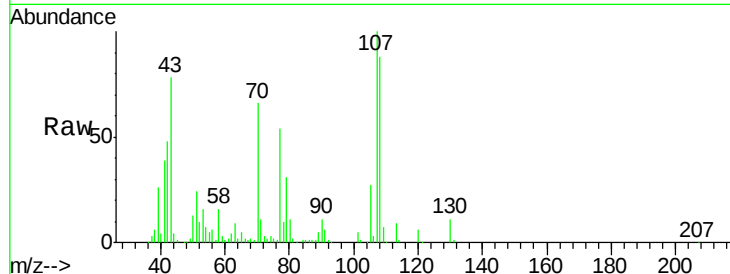
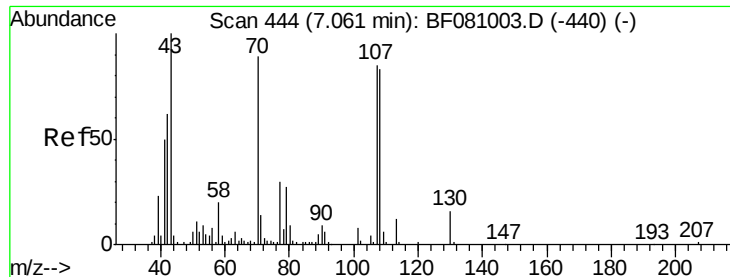
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#18
Hexachloroethane
Concen: 29.12 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	66628		
119	97.6	77.9	116.9	
201	81.8	61.3	91.9	

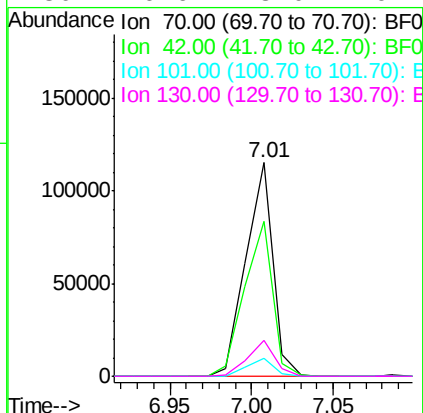




#19
n-Nitroso-di-n-propylamine
Concen: 30.08 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.8	65.0	97.4
101	8.3	7.4	11.2
130	16.6	13.0	19.4

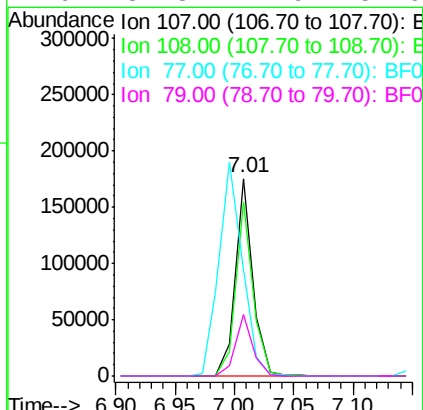


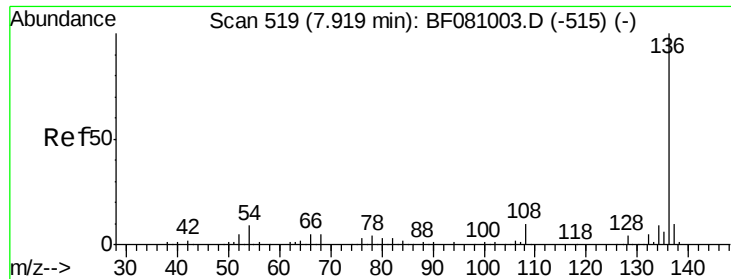
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#20
3+4-Methylphenols
Concen: 31.02 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	66.1	106.1
77	54.0	139.3	179.3#
79	31.3	11.9	51.9





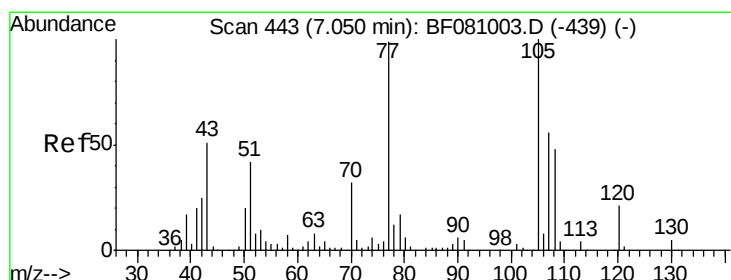
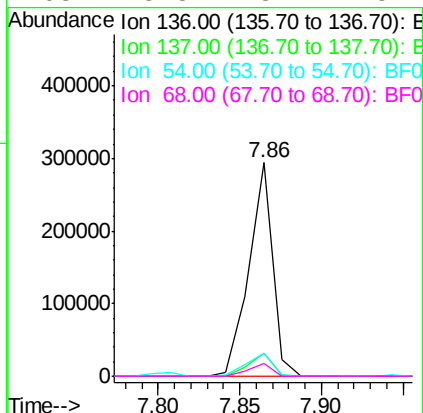
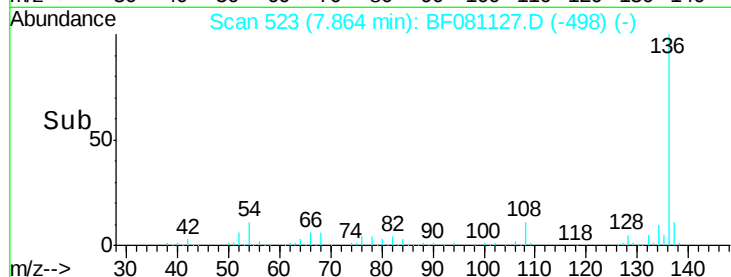
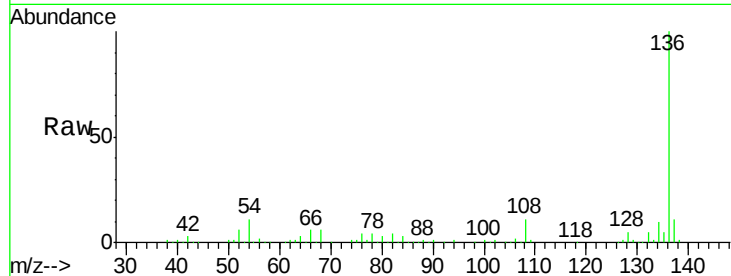
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	296454		
137	10.9	8.2	12.2	
54	11.0	7.7	11.5	
68	5.8	3.4	5.2	

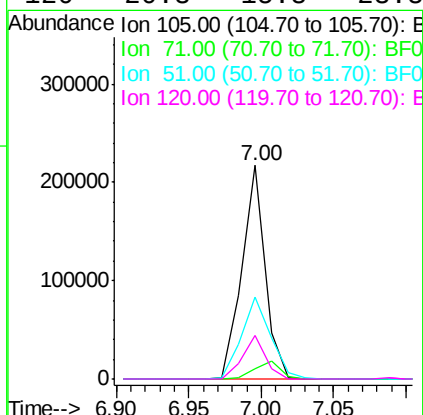
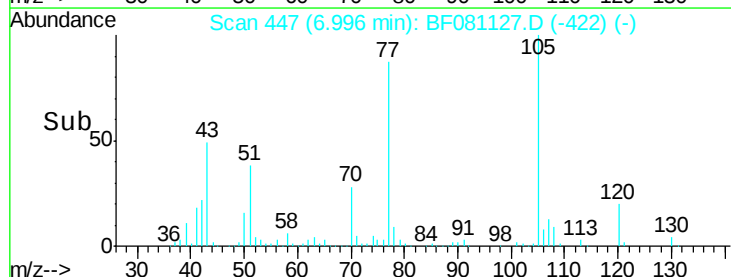
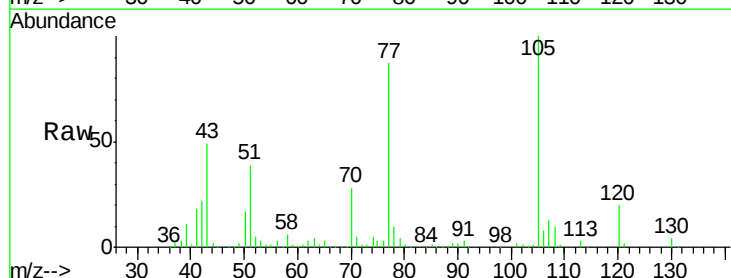
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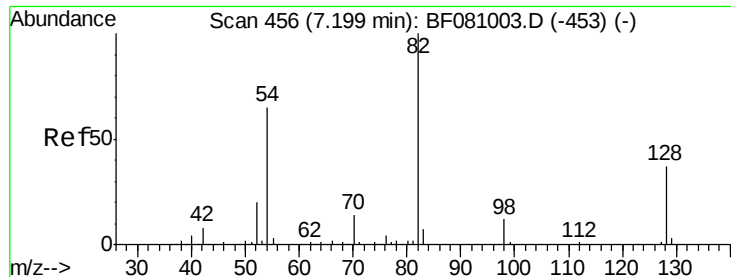
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#22
Acetophenone
Concen: 31.18 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	242706		
71	4.5	3.0	4.6	
51	38.6	39.8	59.8	
120	20.3	15.8	23.8	





#23

Nitrobenzene-d5

Concen: 58.96 ng

RT: 7.14 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

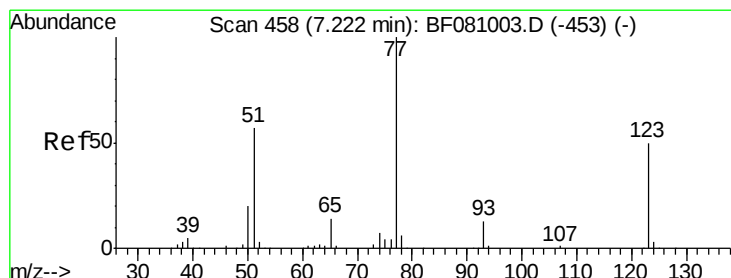
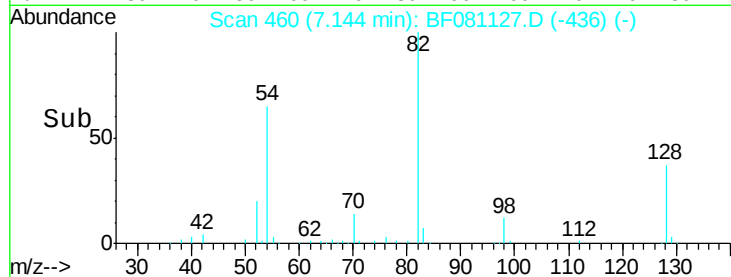
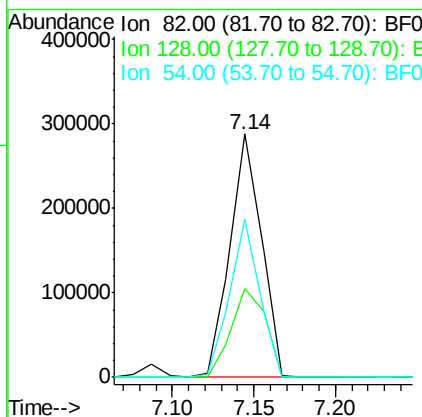
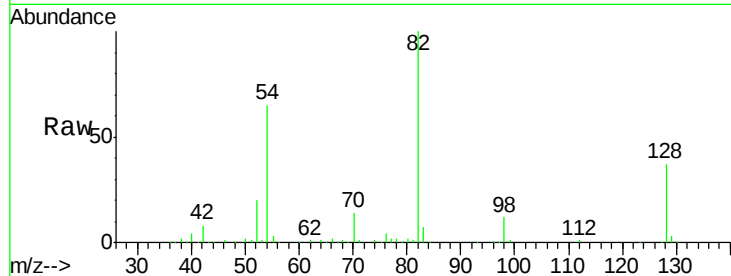
ClientSampleId :

PB85121BS

Tot Ion:	82	Resp:	382636
Ion Ratio		Lower	Upper
82	100		
128	36.7	28.6	42.8
54	64.9	55.1	82.7

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#24

Nitrobenzene

Concen: 31.59 ng

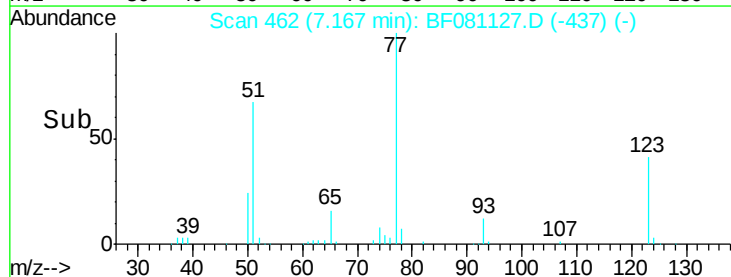
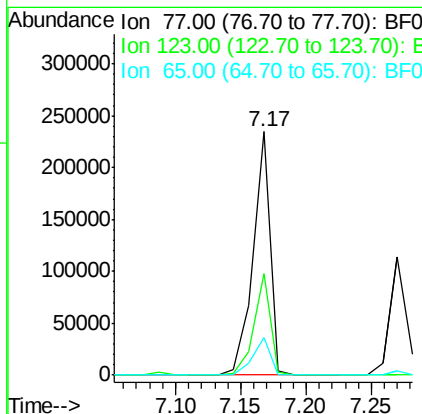
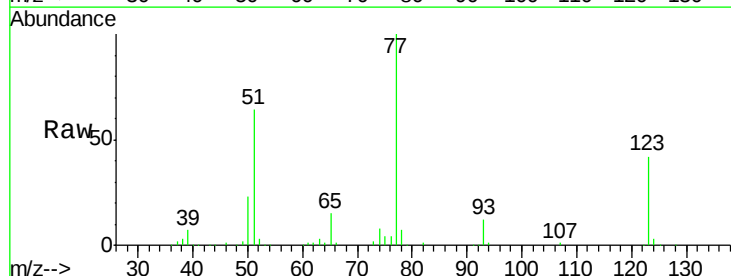
RT: 7.17 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Tgt Ion:	77	Resp:	214340
Ion Ratio		Lower	Upper
77	100		
123	41.9	32.9	49.3
65	15.4	12.5	18.7





#25

Isophorone

Concen: 29.57 ng

RT: 7.41 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

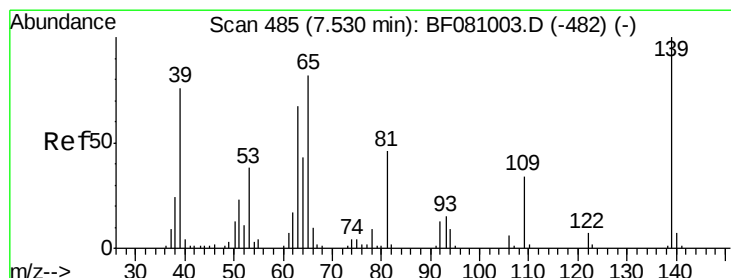
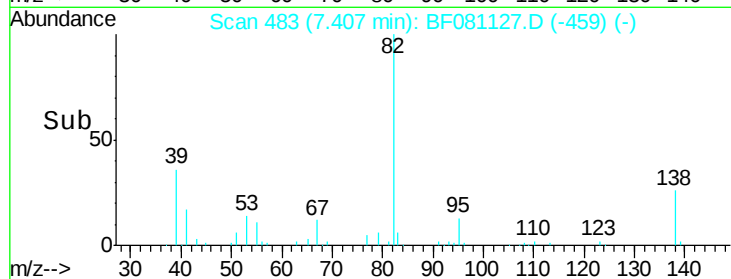
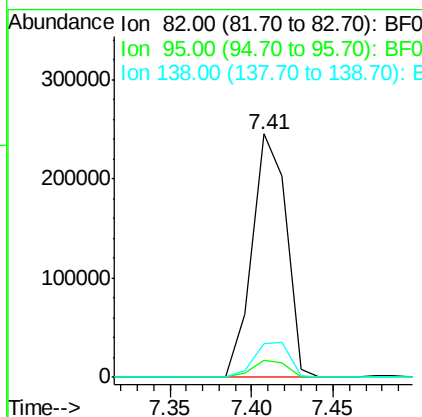
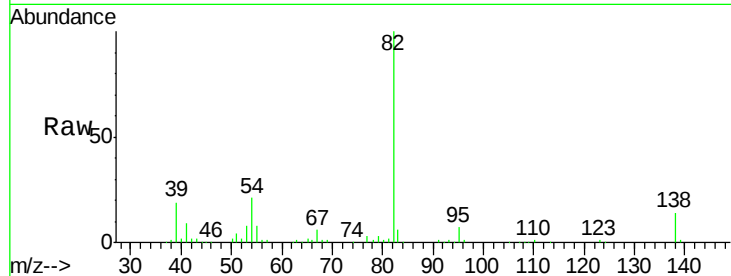
ClientSampleId :

PB85121BS

Tot Ion:	82	Resp:	357840
Ion Ratio	Lower	Upper	
82	100		
95	7.0	6.2	9.2
138	13.9	10.5	15.7

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#26

2-Nitrophenol

Concen: 32.60 ng

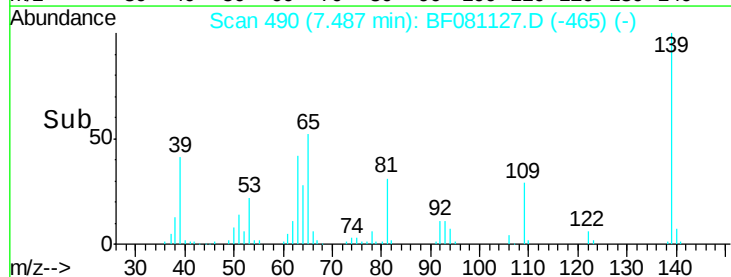
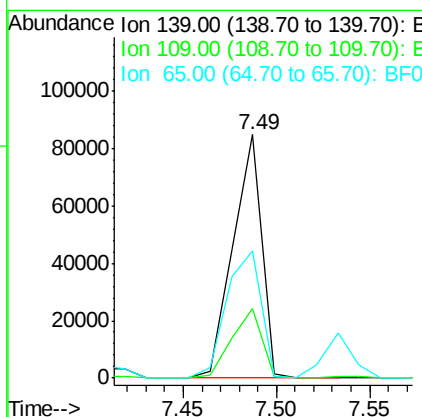
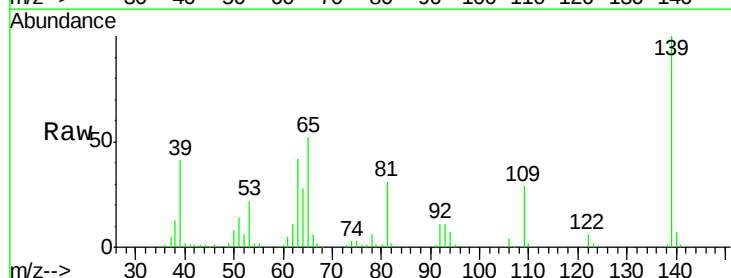
RT: 7.49 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Tgt Ion:	139	Resp:	91997
Ion Ratio	Lower	Upper	
139	100		
109	28.8	32.1	48.1#
65	52.3	69.9	104.9#





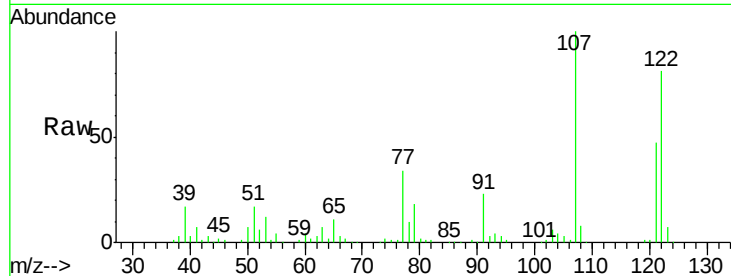
#27
 2,4-Dimethylphenol
 Concen: 30.38 ng
 RT: 7.53 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

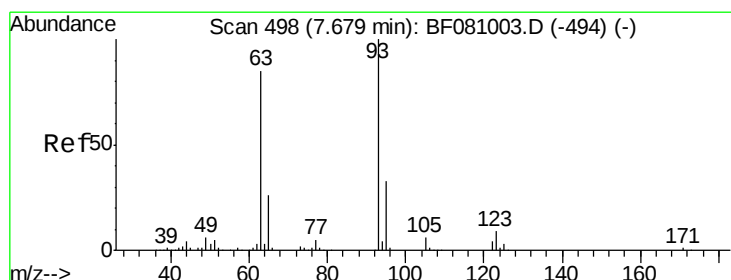
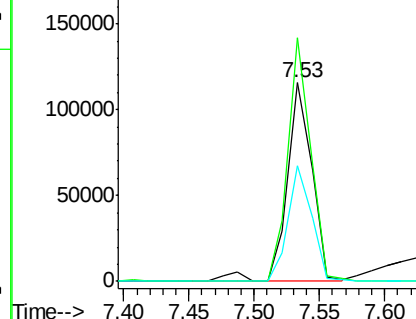
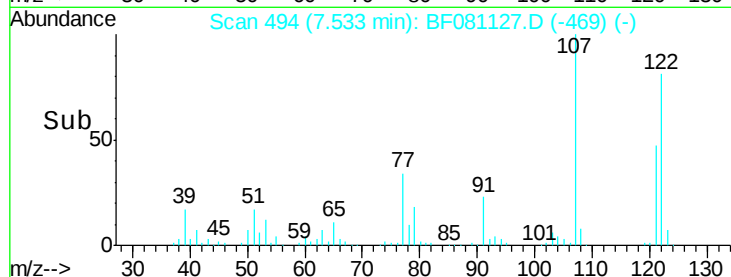
Tot Ion	Ratio	Resp	Lower	Upper
122	100	151678		
107	122.7	103.8	155.6	
121	58.2	47.0	70.4	

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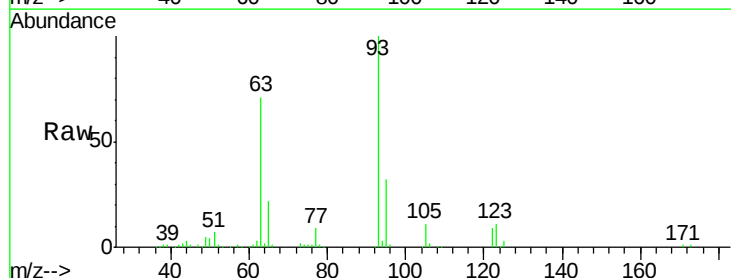


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

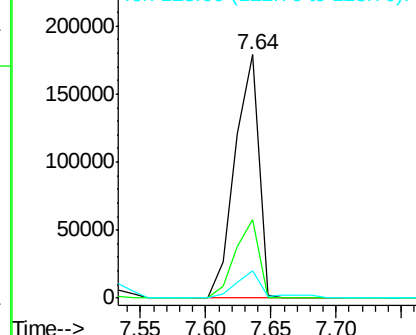
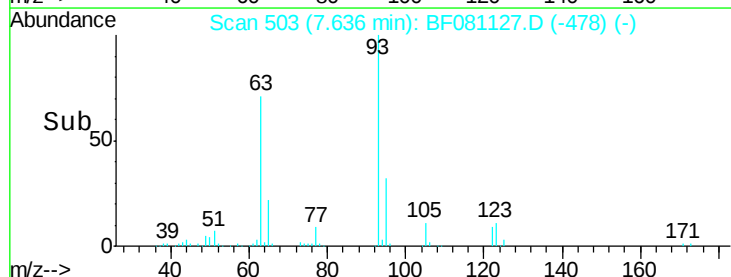


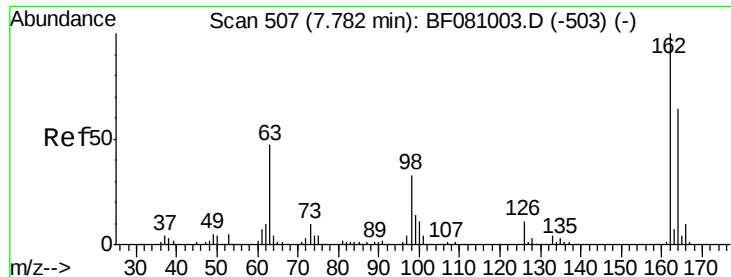
#28
 bis(2-Chloroethoxy)methane
 Concen: 31.55 ng
 RT: 7.64 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	225533		
95	32.1	25.8	38.8	
123	11.3	7.4	11.0#	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





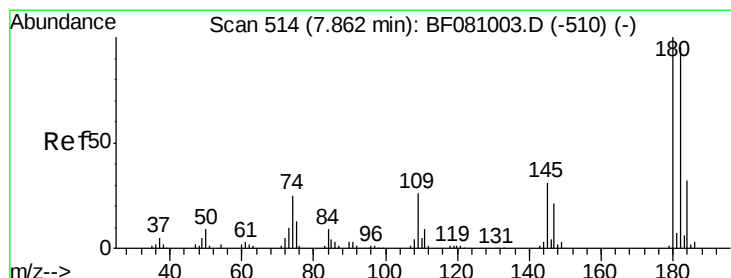
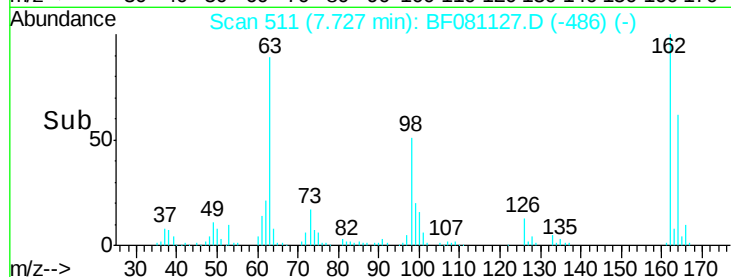
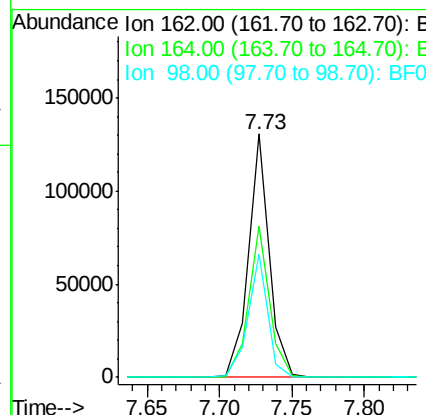
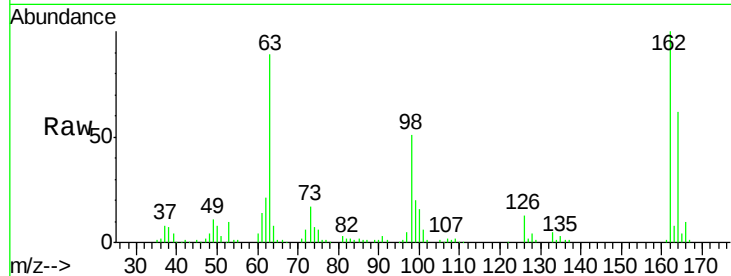
#29
2,4-Dichlorophenol
Concen: 30.95 ng
RT: 7.73 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.3	43.2	83.2
98	50.8	12.3	52.3

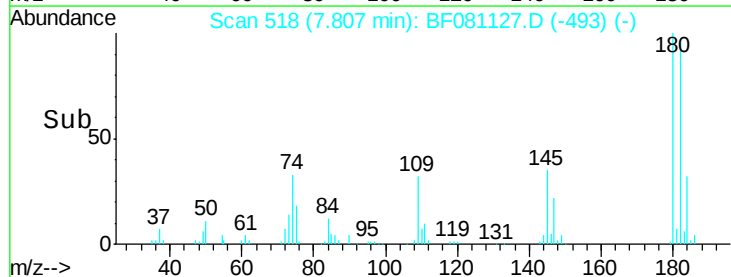
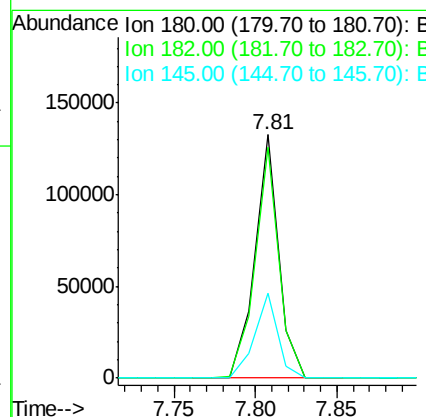
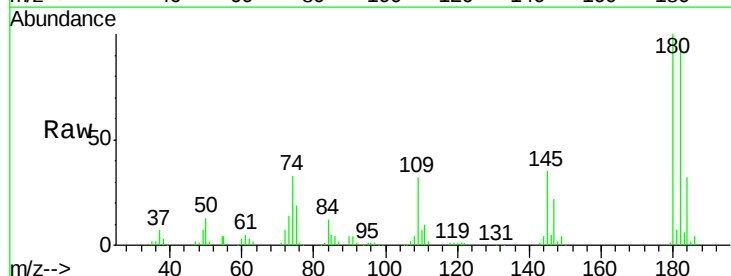
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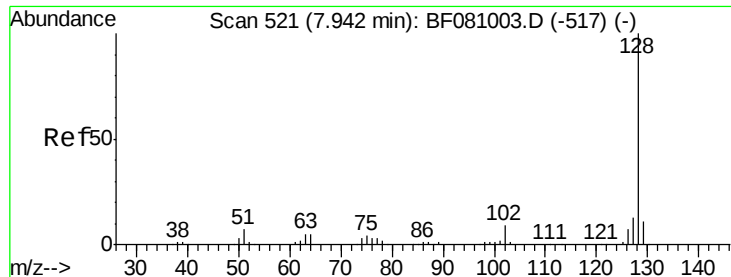
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#30
1,2,4-Trichlorobenzene
Concen: 28.81 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	76.4	114.6
145	34.8	25.4	38.2





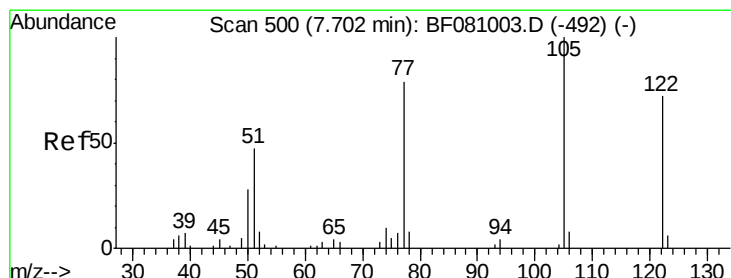
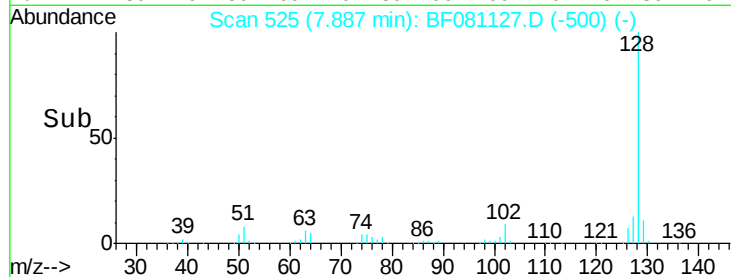
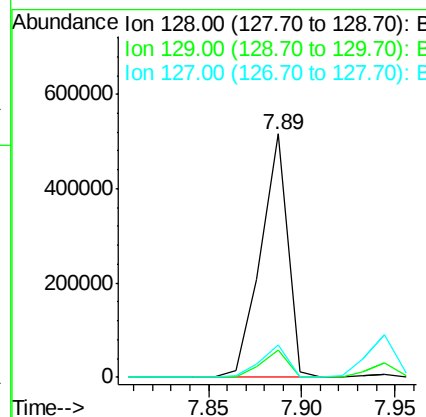
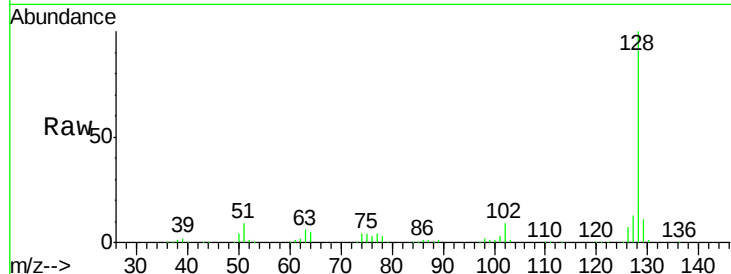
#31
Naphthalene
Concen: 31.16 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.1	8.4	12.6
127	13.3	10.6	16.0

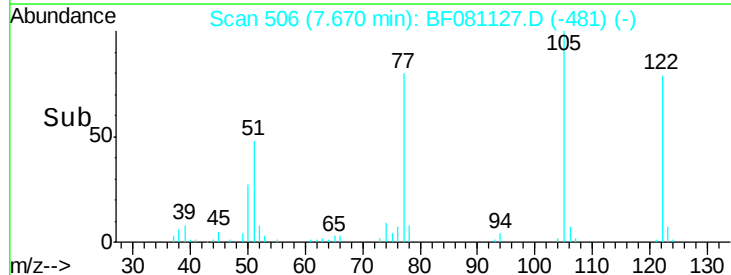
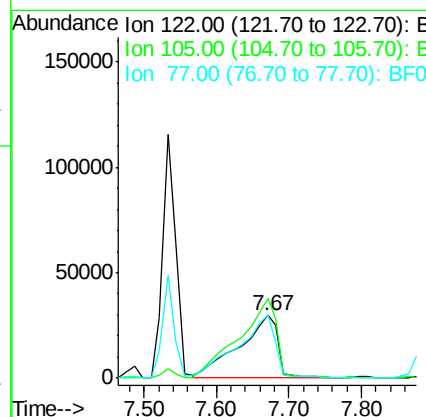
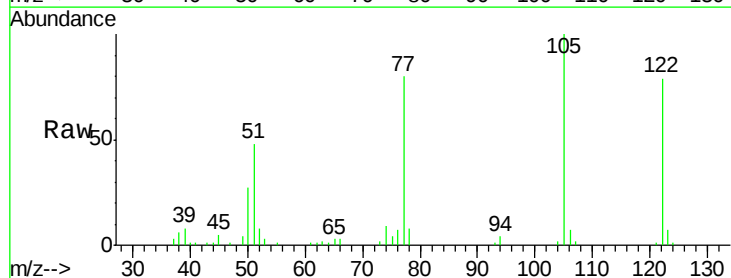
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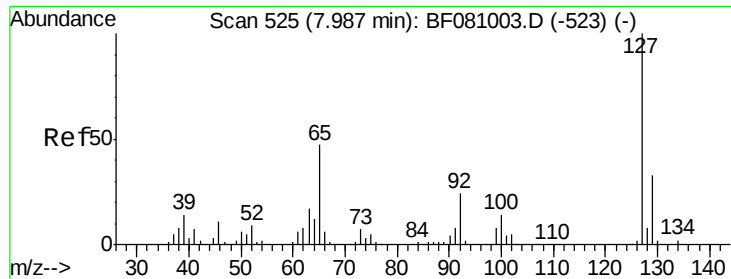
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#32
Benzoic acid
Concen: 39.03 ng
RT: 7.67 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	126.0	113.8	153.8
77	101.1	93.8	133.8





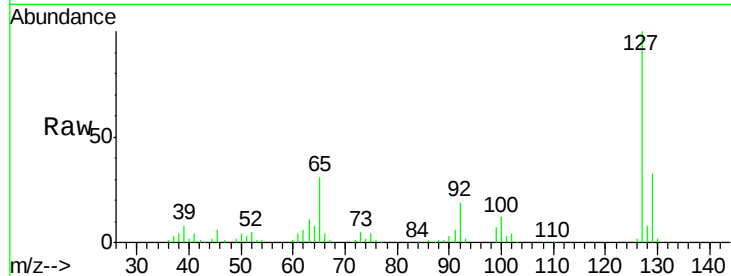
#33
4-Chloroaniline
Concen: 14.49 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

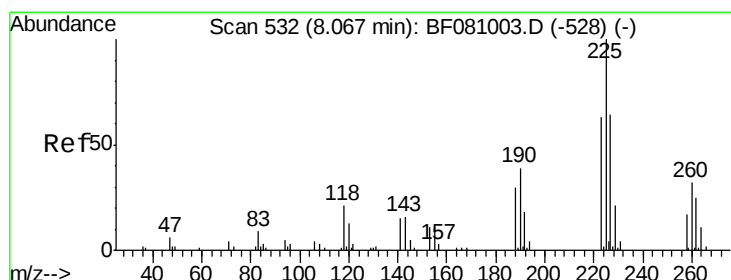
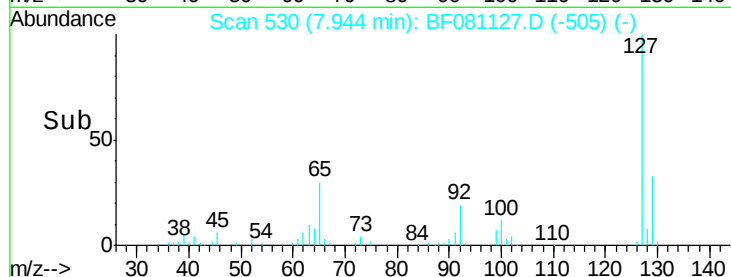
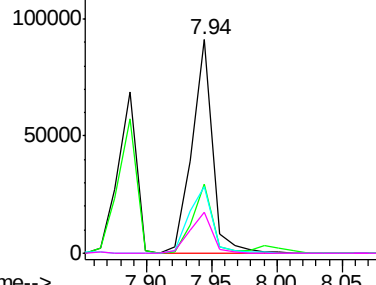
Tot Ion	Ion	Ratio	Resp	Lower	Upper
101011	127	100			
	129	32.7	25.2	37.8	
	65	31.4	37.8	56.6	
	92	19.3	19.5	29.3	

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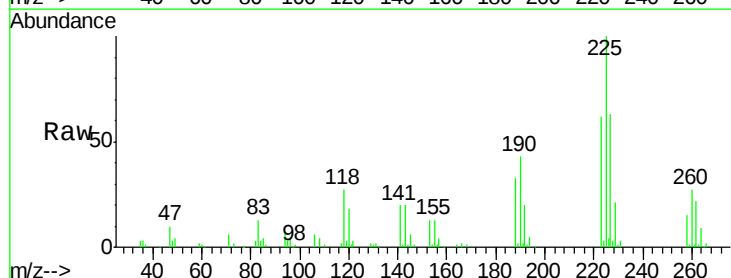


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

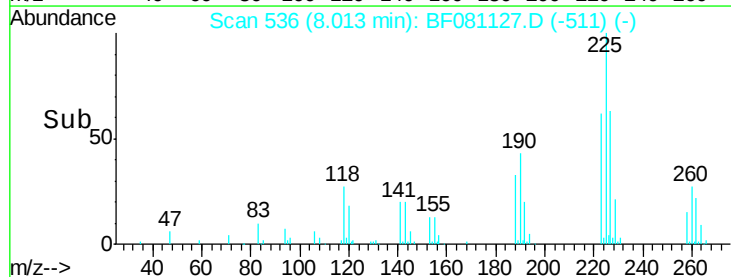
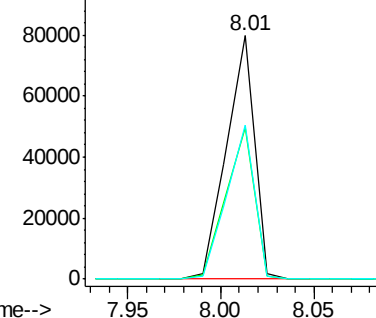


#34
Hexachlorobutadiene
Concen: 31.39 ng
RT: 8.01 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82915	225	100			
	223	62.1	52.6	79.0	
	227	63.5	51.1	76.7	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.74 ng/ml

RT: 8.32 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

ClientSampleId :

PB85121BS

Tot Ion:113 Resp: 53975

Ion Ratio Lower Upper

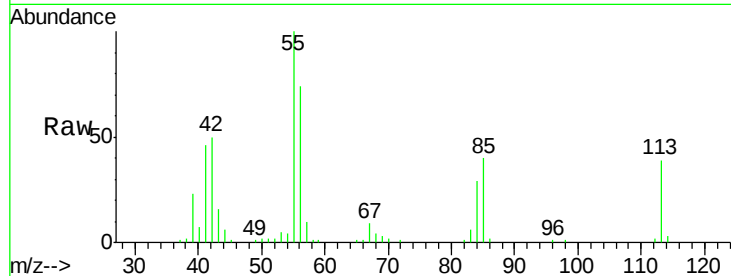
113 100

55 255.3 280.4 320.4#

56 189.0 205.9 245.9#

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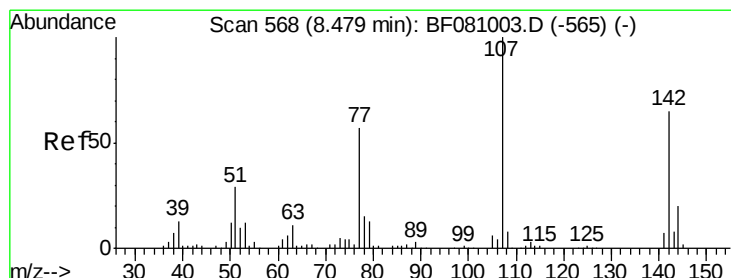
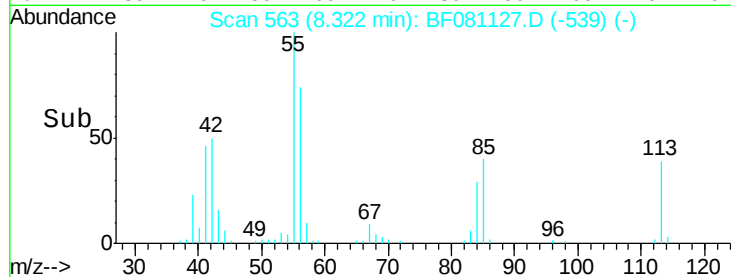
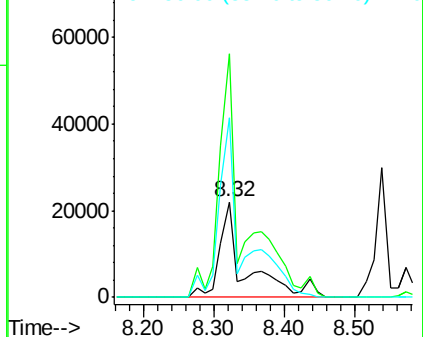
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 31.35 ng/ml

RT: 8.44 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

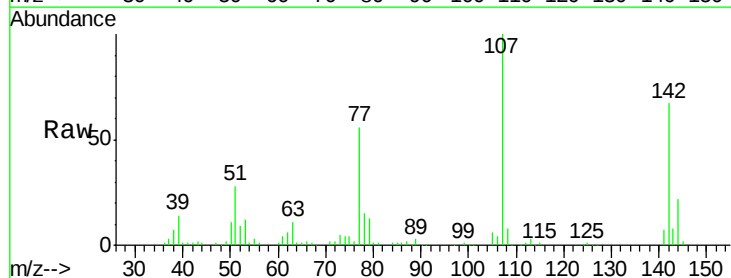
Tgt Ion:107 Resp: 157014

Ion Ratio Lower Upper

107 100

144 21.7 17.2 25.8

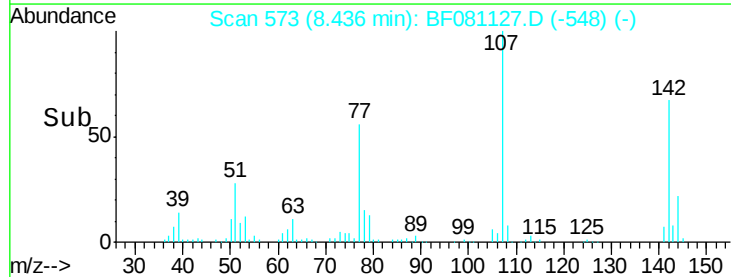
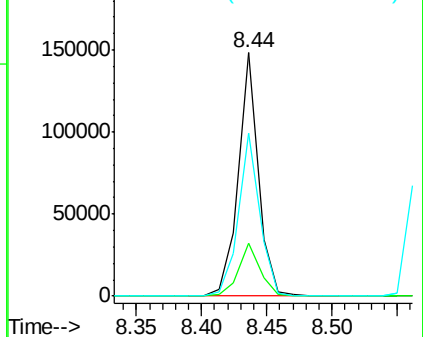
142 66.9 54.9 82.3

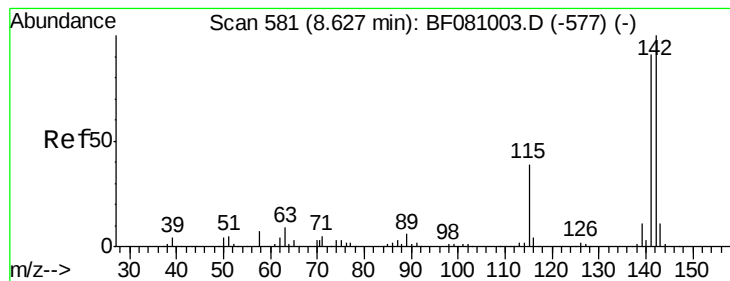


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





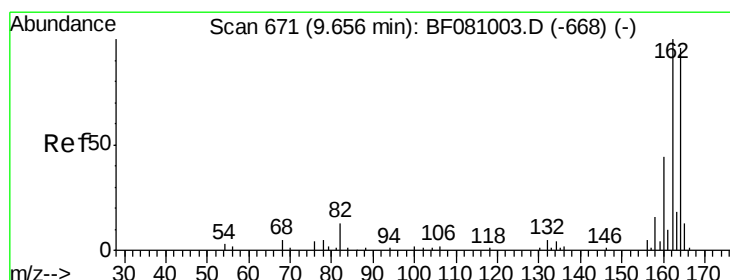
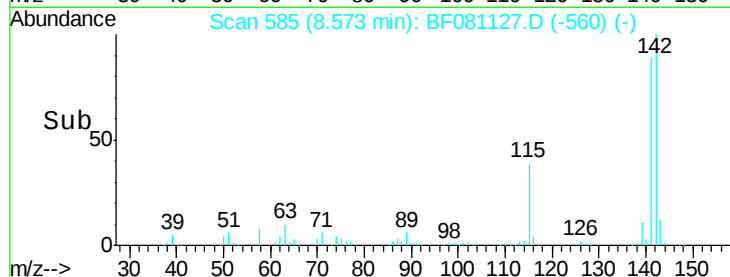
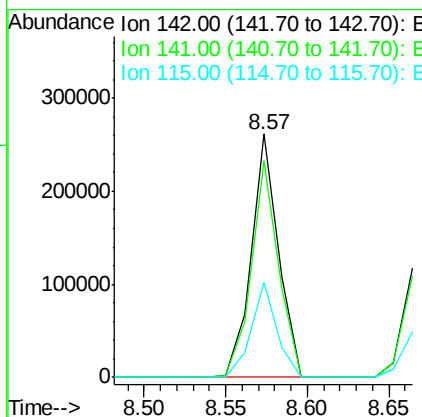
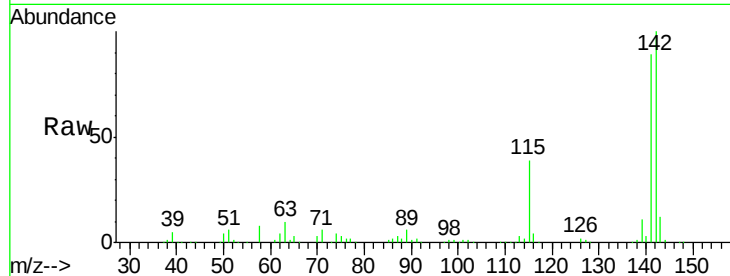
#37
 2-Methylnaphthalene
 Concen: 28.94 ng
 RT: 8.57 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	302062		
141	88.9		71.4	107.2
115	39.0		33.4	50.0

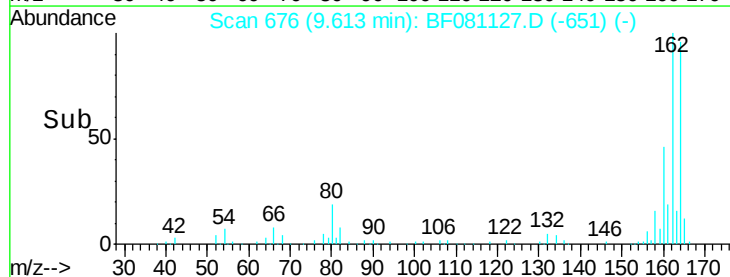
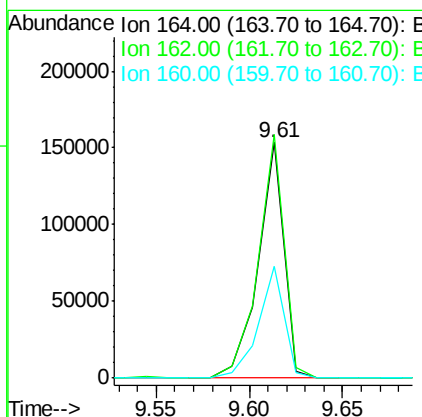
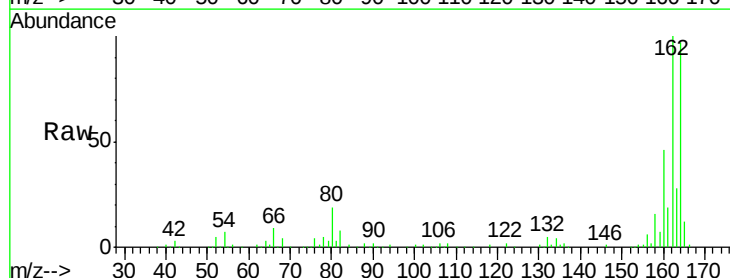
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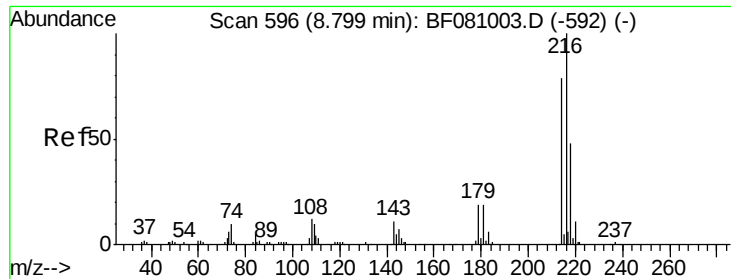
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	145247		
162	103.2		83.8	125.8
160	47.2		39.8	59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.50 ng

RT: 8.74 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

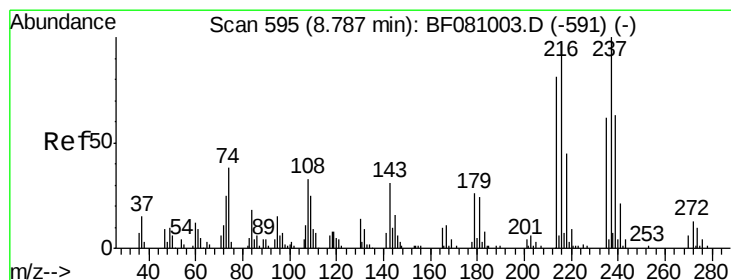
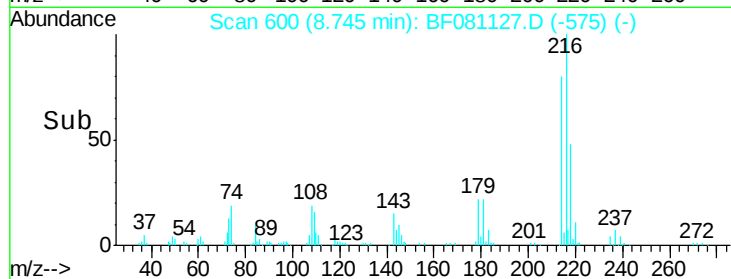
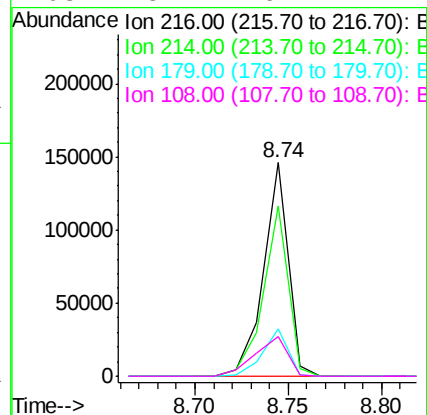
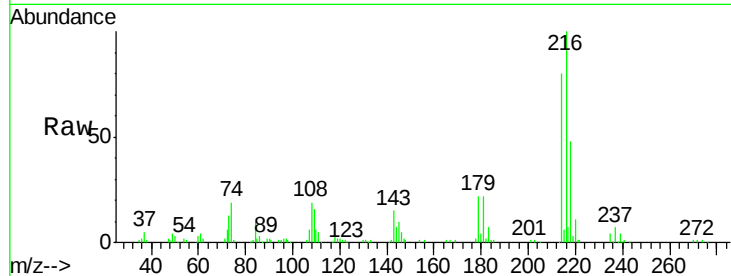
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.1	63.8	95.8		
179	22.9	17.8	26.8		
108	25.1	16.2	24.2		



#40

Hexachlorocyclopentadiene

Concen: 60.87 ng

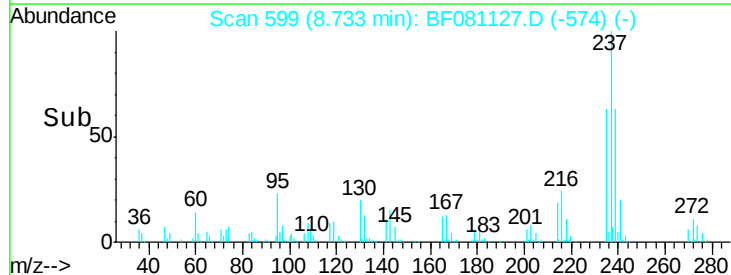
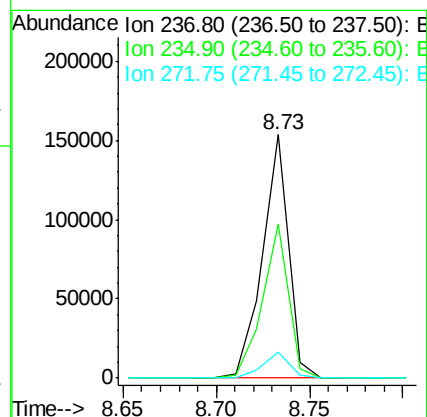
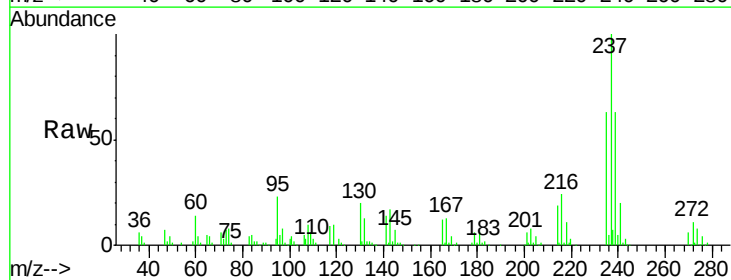
RT: 8.73 min Scan# 599

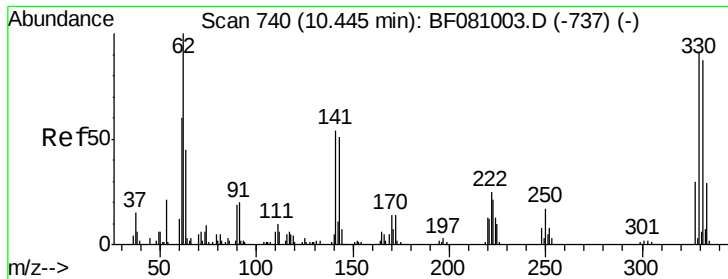
Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.3	43.6	83.6		
272	10.9	0.0	32.2		





#41

2,4,6-Tribromophenol

Concen: 100.20 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF081127.D

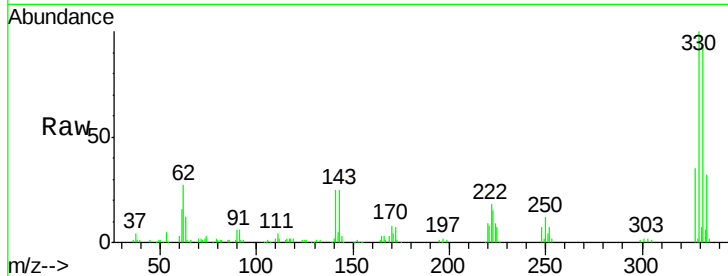
Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

ClientSampleId :

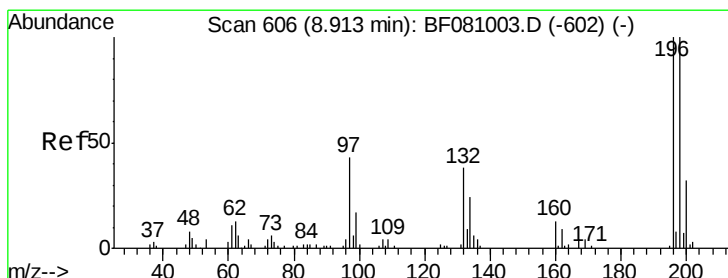
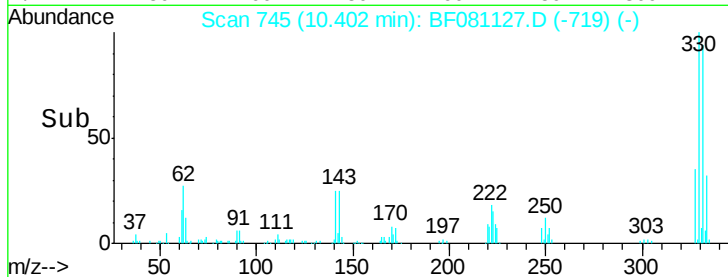
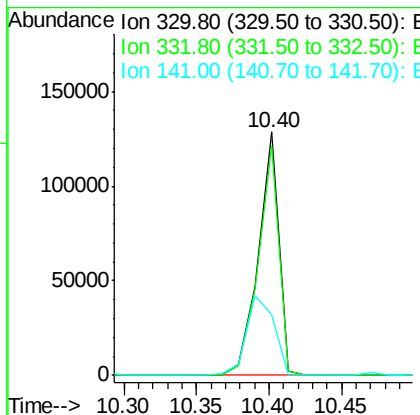
PB85121BS



Tot Ion:	330	Resp:	126163
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.3	115.9
141	43.9	44.9	67.3#

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#42

2,4,6-Trichlorophenol

Concen: 29.78 ng

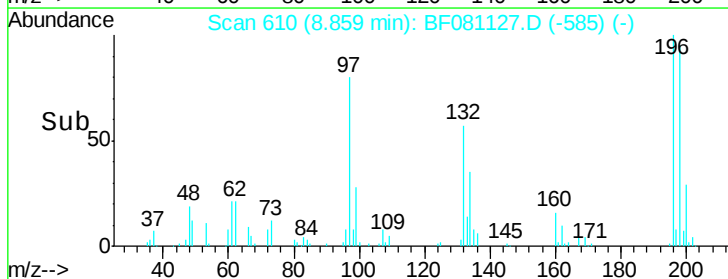
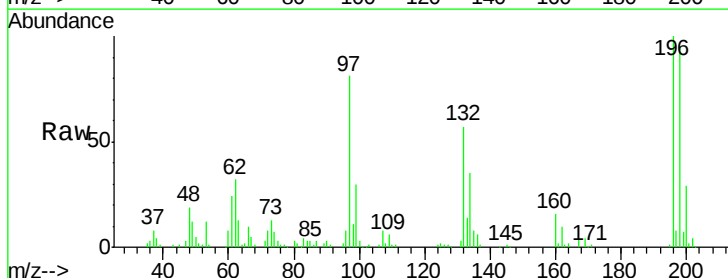
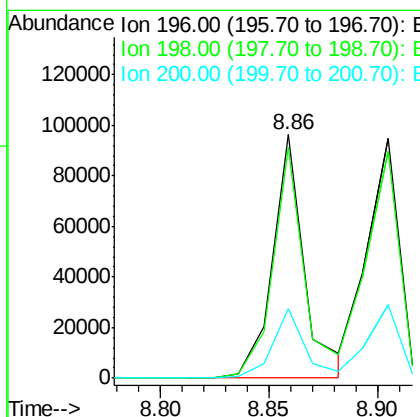
RT: 8.86 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

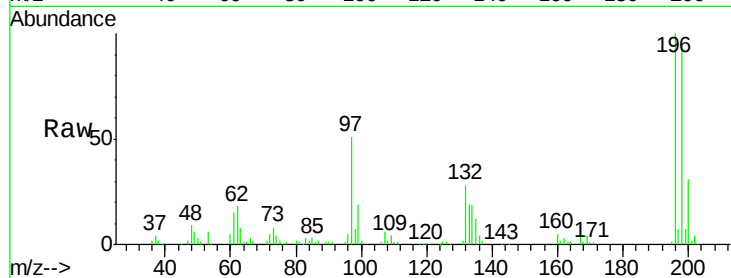
Tgt Ion:	196	Resp:	98599
Ion Ratio	Lower	Upper	
196	100		
198	94.7	74.6	111.8
200	28.6	22.7	34.1





#43
 2,4,5-Trichlorophenol
 Concen: 29.78 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

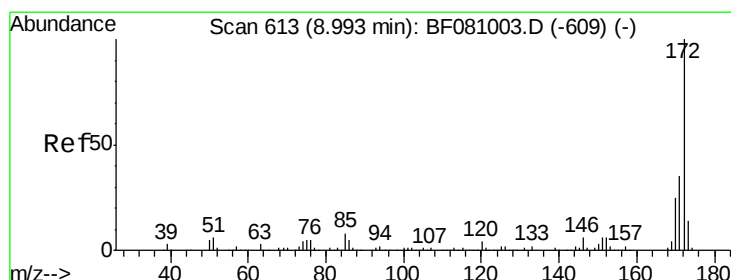
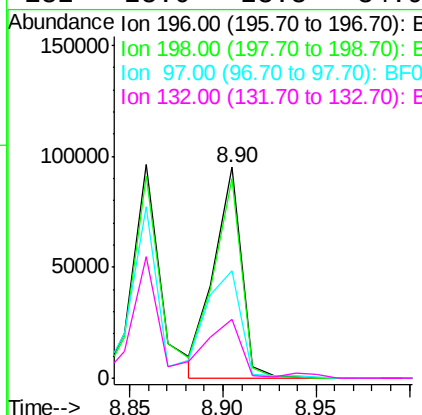
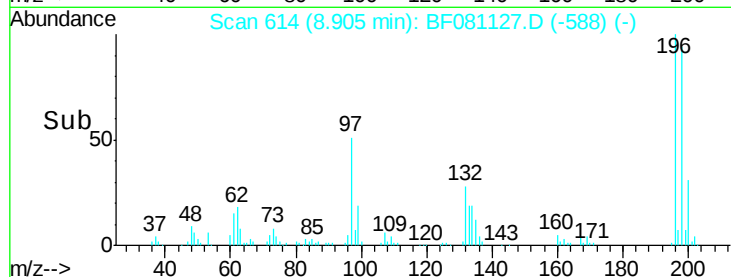
Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS



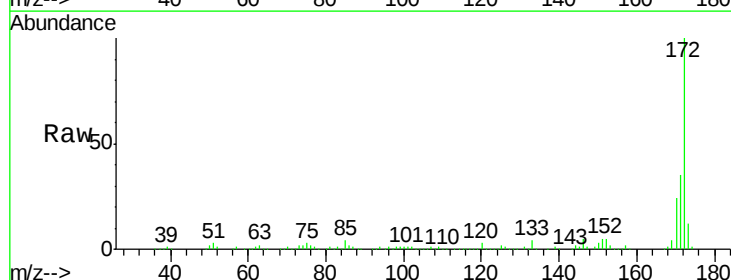
Tot Ion	196	Resp	98545
Ion Ratio	Lower	Upper	
196	100		
198	94.5	78.3	117.5
97	51.1	42.7	64.1
132	28.0	23.3	34.9

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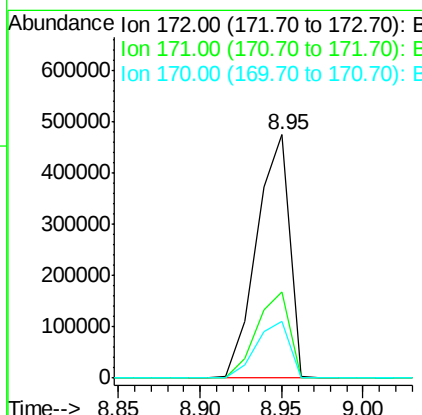
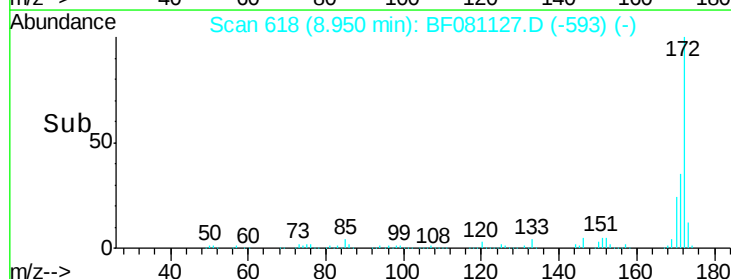
MMDadoda
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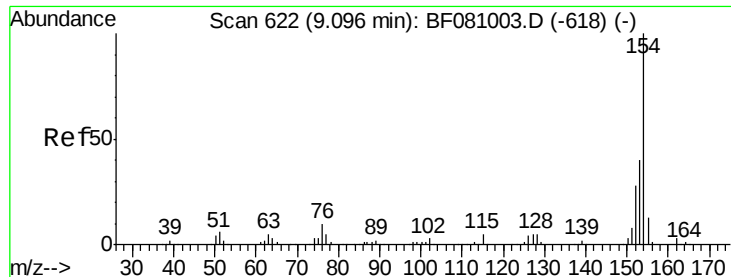


#44
 2-Fluorobiphenyl
 Concen: 59.66 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31



Tgt Ion	172	Resp	661344
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.9	43.3
170	23.6	19.4	29.2





#45

1,1'-Biphenyl

Concen: 29.96 ng

RT: 9.04 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

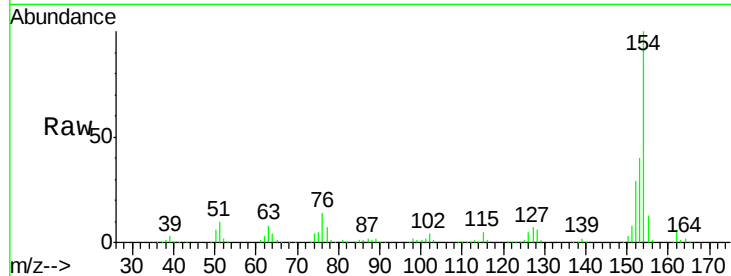
ClientSampleId :

PB85121BS

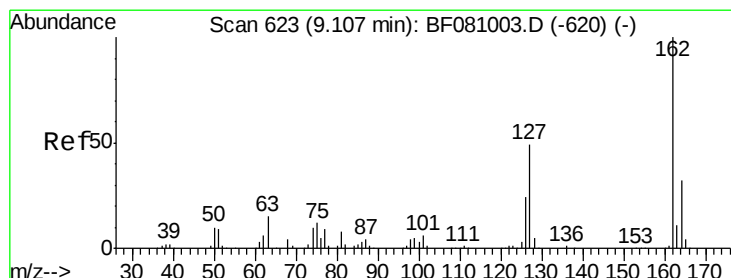
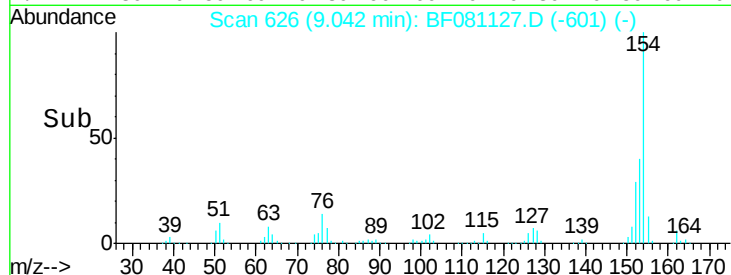
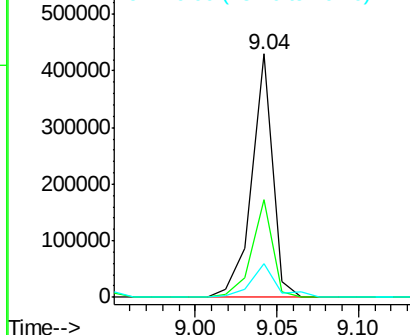
Tot Ion:	154	Resp:	383334
Ion Ratio	Lower	Upper	
154	100		
153	40.2	19.5	59.5
76	14.0	0.0	29.3

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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: 29.61 ng

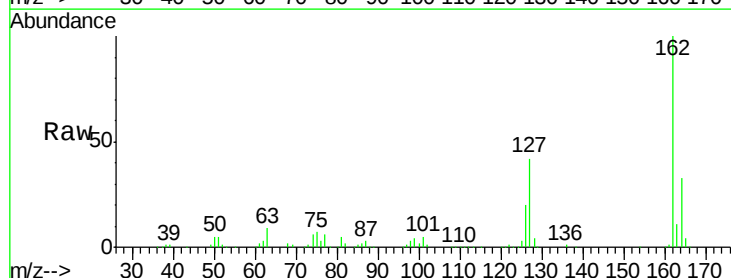
RT: 9.06 min Scan# 628

Delta R.T. -0.01 min

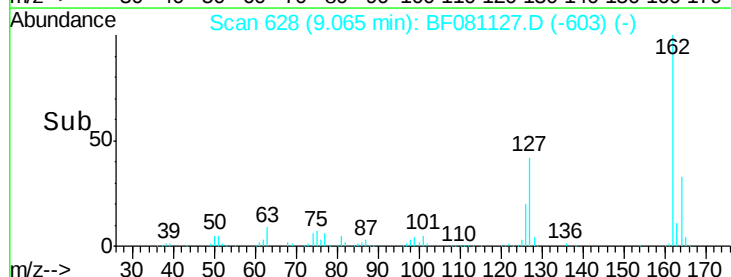
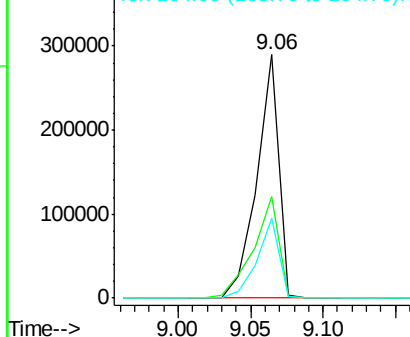
Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Tgt Ion:	162	Resp:	304300
Ion Ratio	Lower	Upper	
162	100		
127	41.8	31.3	46.9
164	32.9	26.3	39.5



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





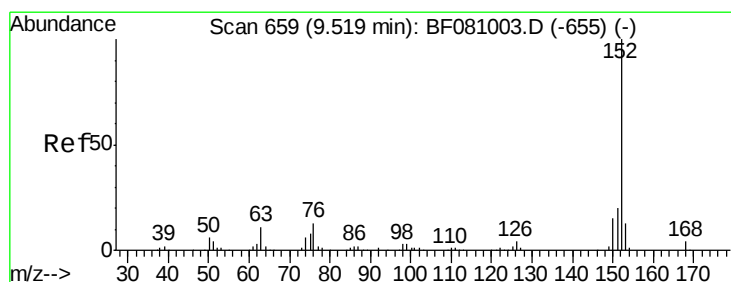
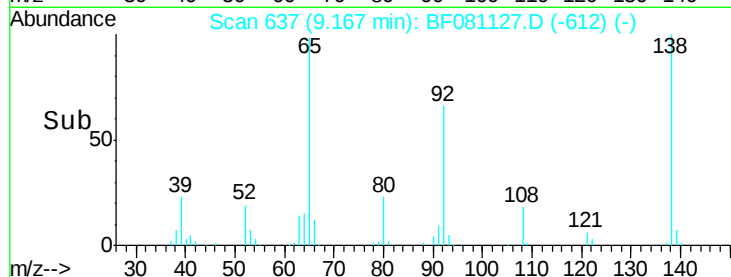
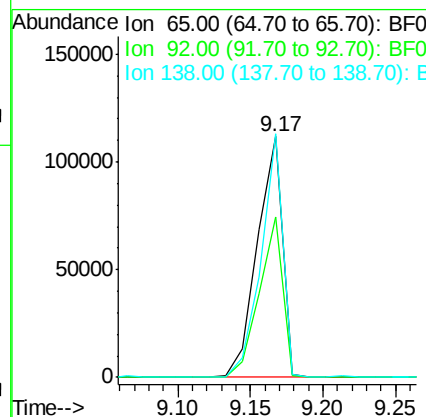
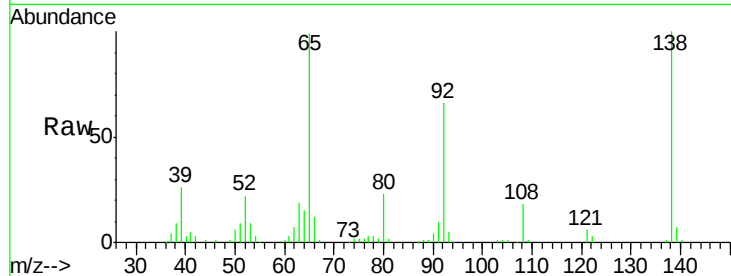
#47
2-Nitroaniline
Concen: 31.95 ng
RT: 9.17 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.5	45.6	68.4
138	101.0	57.9	86.9

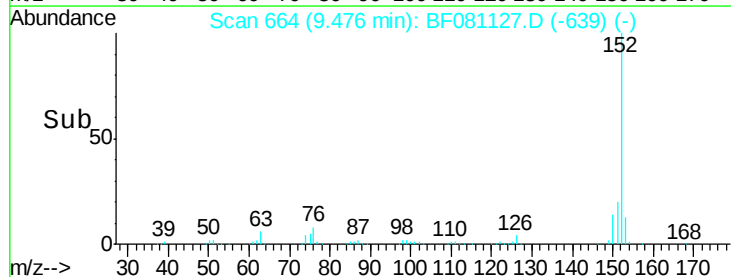
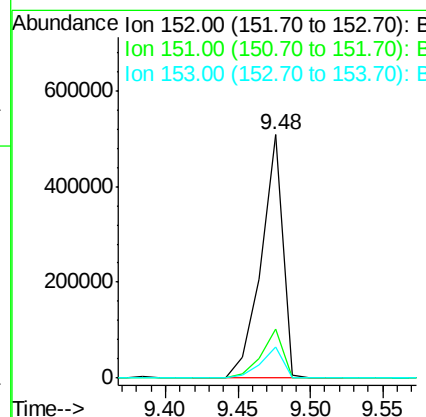
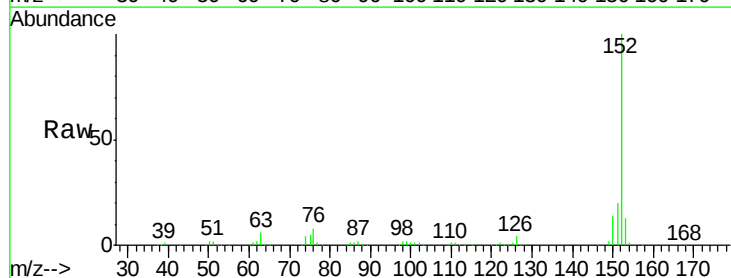
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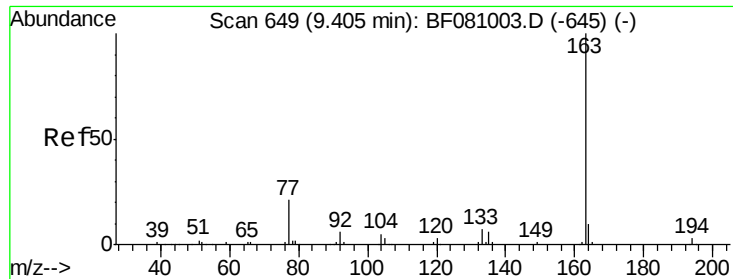
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#48
Acenaphthylene
Concen: 28.60 ng
RT: 9.48 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	12.8	9.8	14.6





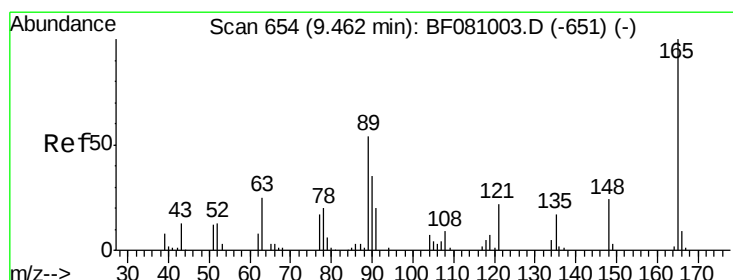
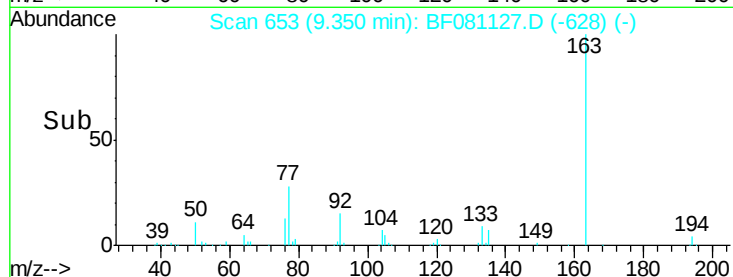
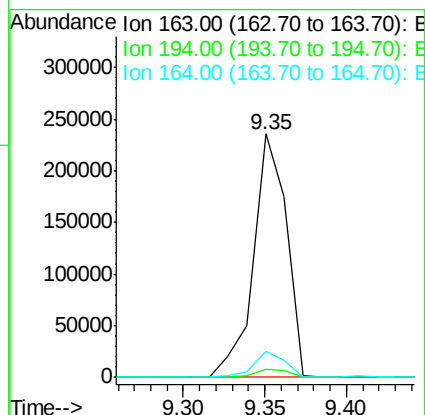
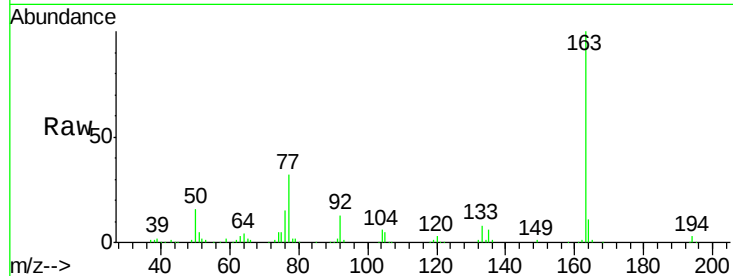
#49
Dimethylphthalate
Concen: 27.65 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.5	3.7	
164	10.6	8.1	12.1	

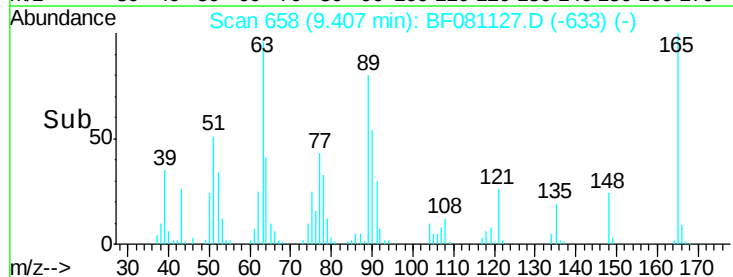
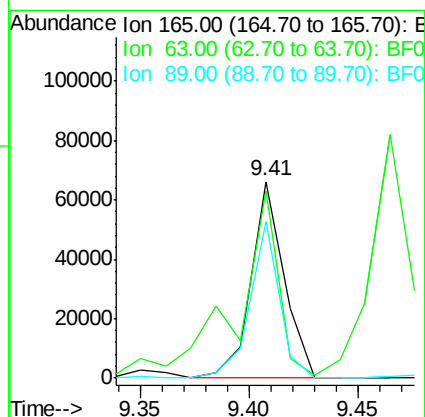
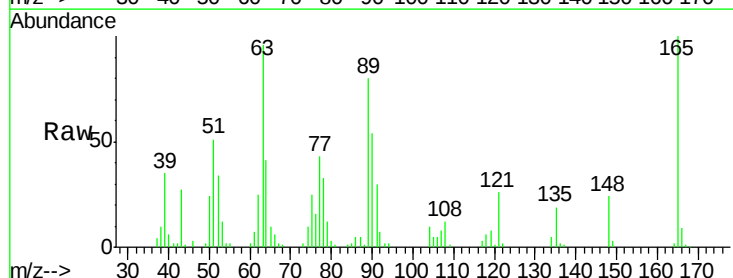
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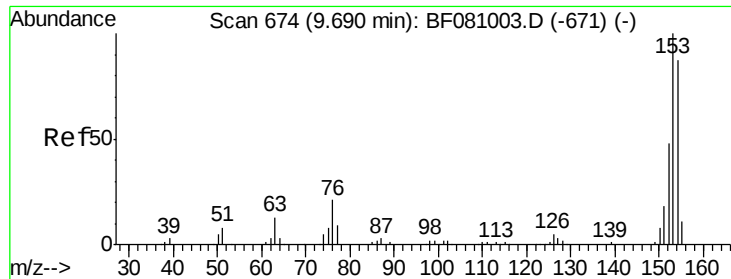
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#50
2,6-Dinitrotoluene
Concen: 27.23 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	95.7	49.5	74.3#	
89	79.7	47.6	71.4#	





#51

Acenaphthene

Concen: 27.69 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

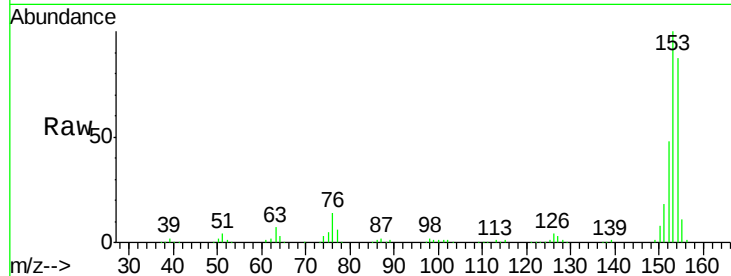
ClientSampleId :

PB85121BS

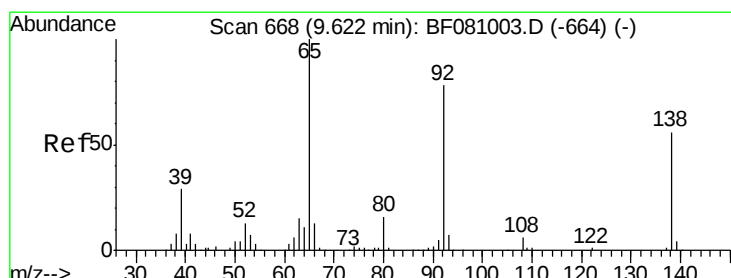
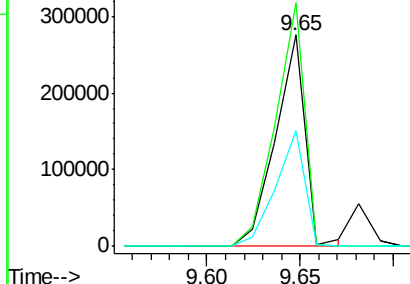
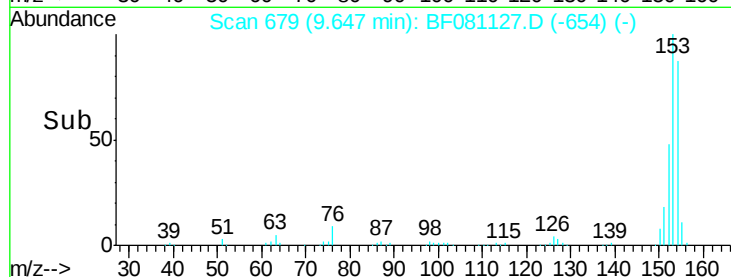
Tot Ion:	154	Resp:	304737
Ion Ratio	Lower	Upper	
154	100		
153	115.4	91.4	137.2
152	54.9	43.7	65.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.05 ng

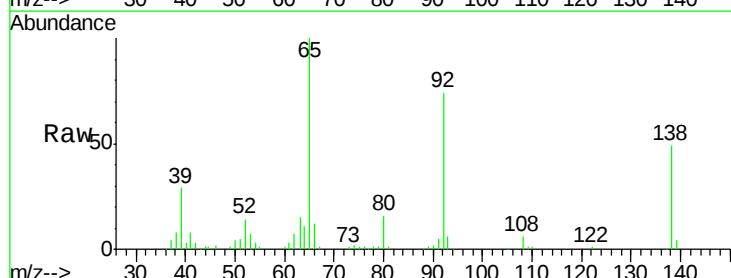
RT: 9.57 min Scan# 672

Delta R.T. -0.02 min

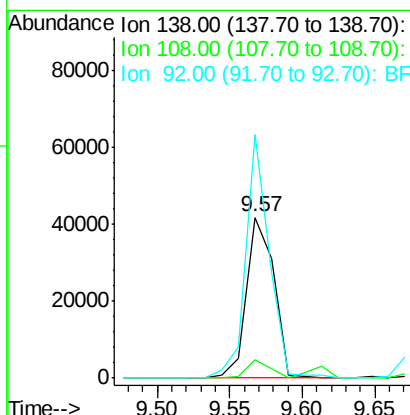
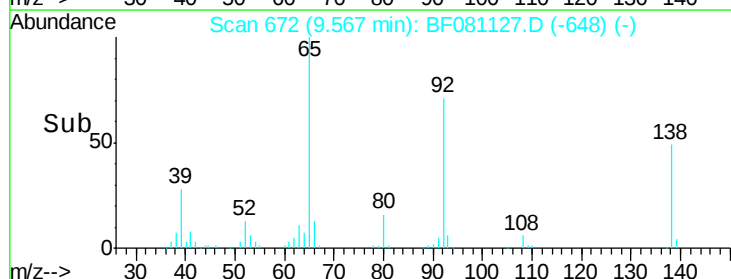
Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Tgt Ion:	138	Resp:	54802
Ion Ratio	Lower	Upper	
138	100		
108	11.3	9.4	14.2
92	151.6	113.2	169.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





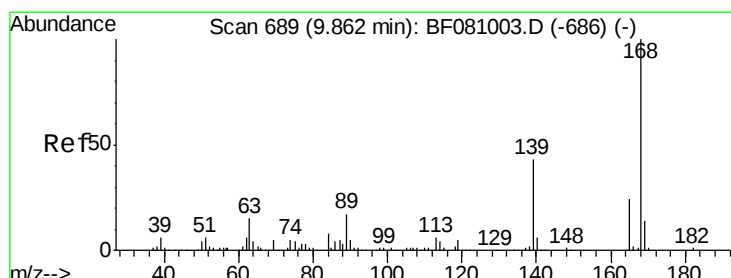
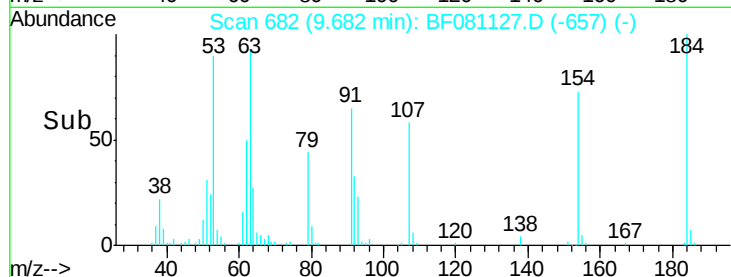
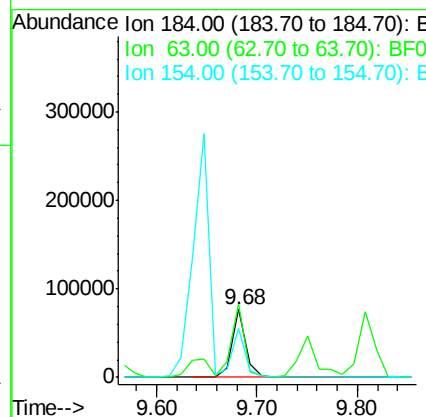
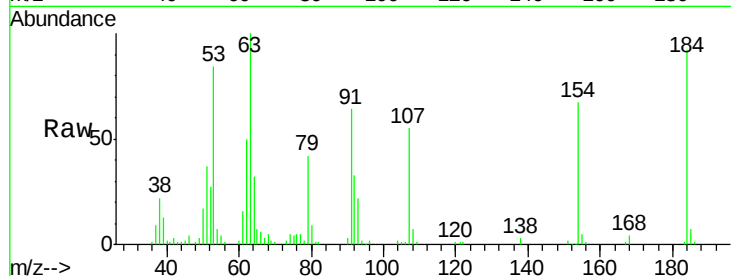
#53
2,4-Dinitrophenol
Concen: 56.38 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	109.1	101.7	152.5
154	73.2	67.4	101.0

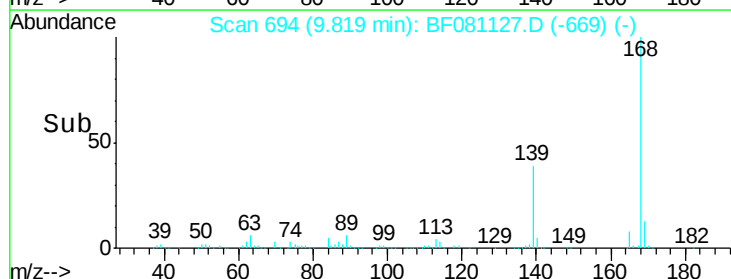
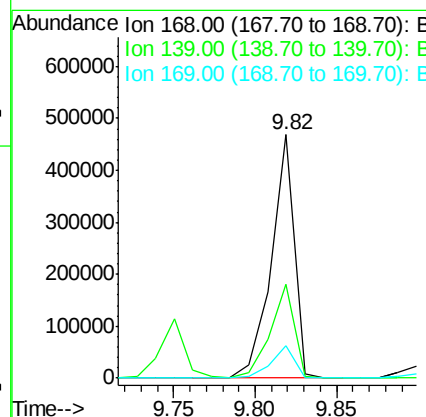
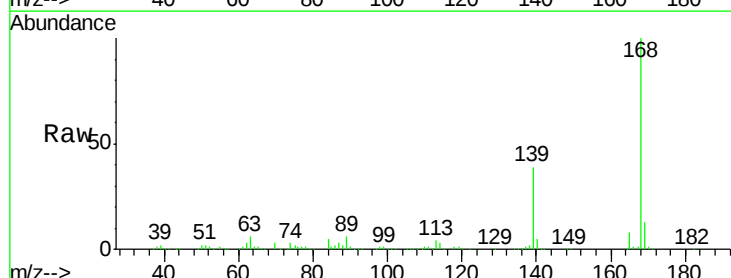
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#54
Dibenzofuran
Concen: 31.04 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	29.3	43.9
169	13.2	10.3	15.5





#55

4-Nitrophenol

Concen: 52.49 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

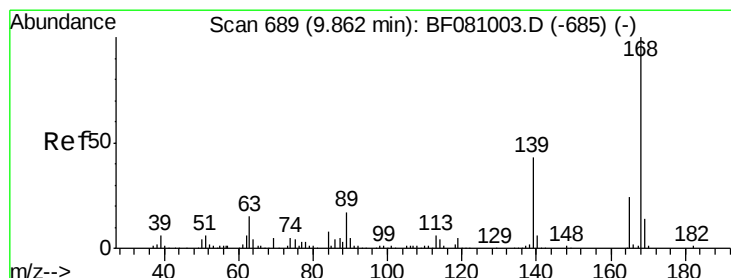
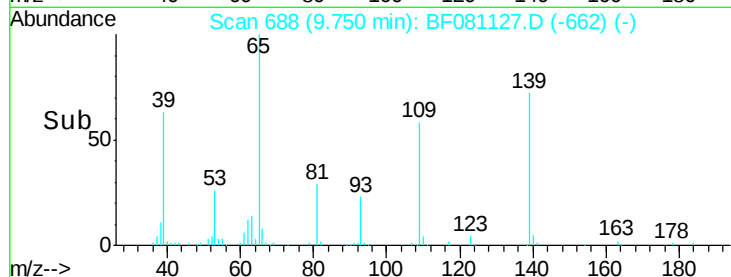
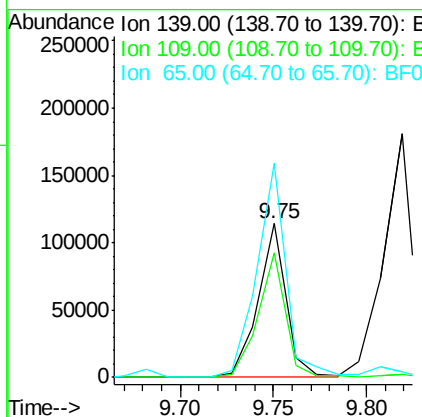
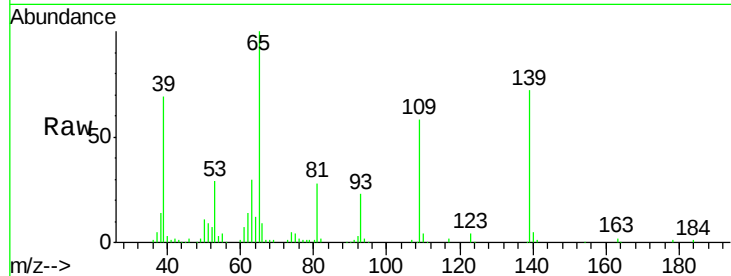
ClientSampleId :

PB85121BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	80.9	80.0	120.0		
65	139.7	138.3	178.3		



#56

2,4-Dinitrotoluene

Concen: 27.46 ng

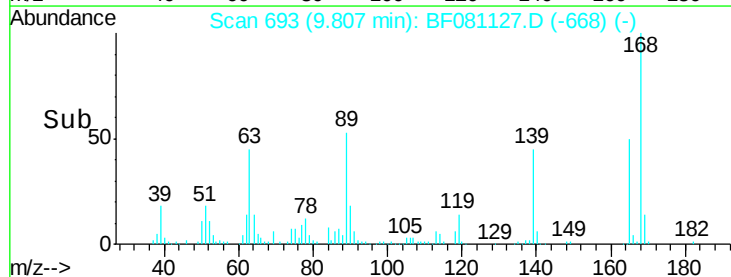
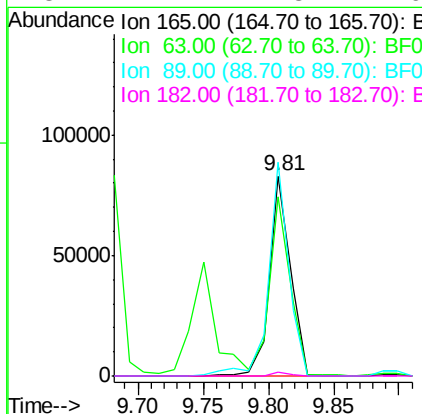
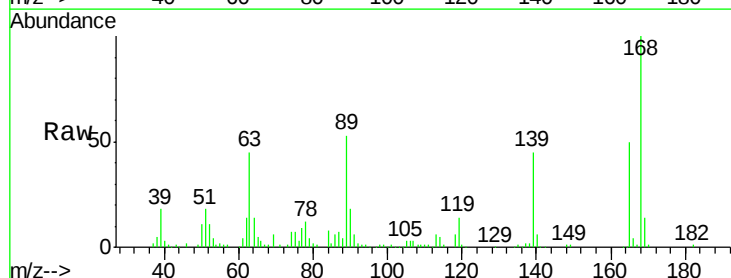
RT: 9.81 min Scan# 693

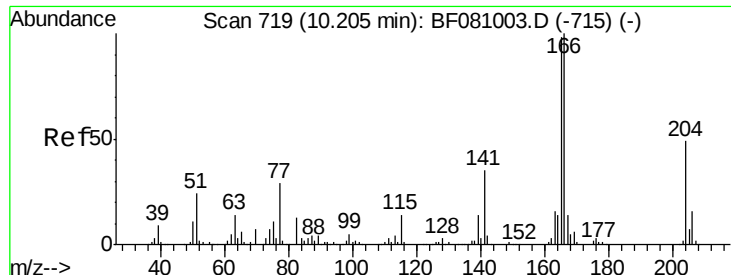
Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	89.5	52.2	78.4#		
89	106.8	60.1	90.1#		
182	2.1	1.8	2.6		





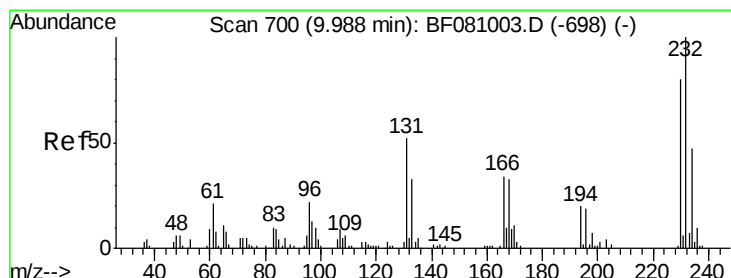
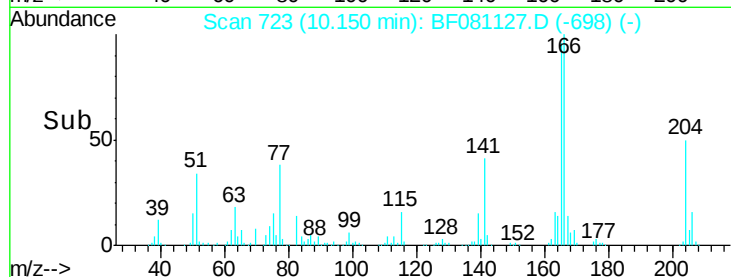
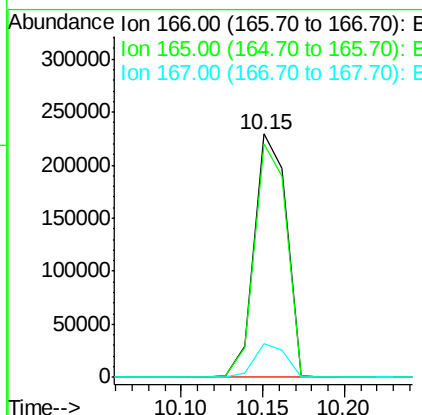
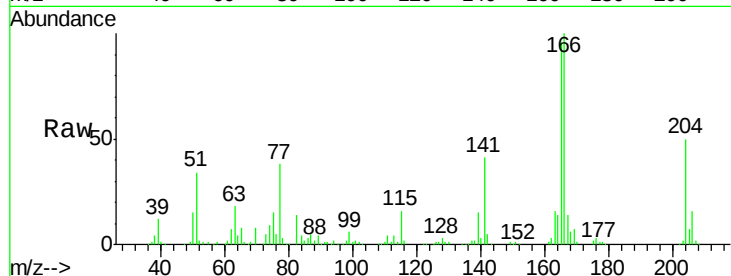
#57
 Fluorene
 Concen: 27.75 ng
 RT: 10.15 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		314893		
165	95.6	75.8	113.8		
167	14.0	11.3	16.9		

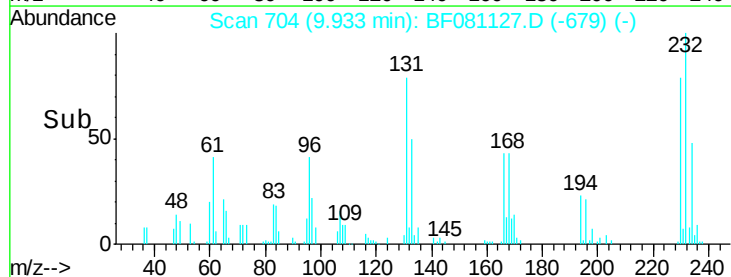
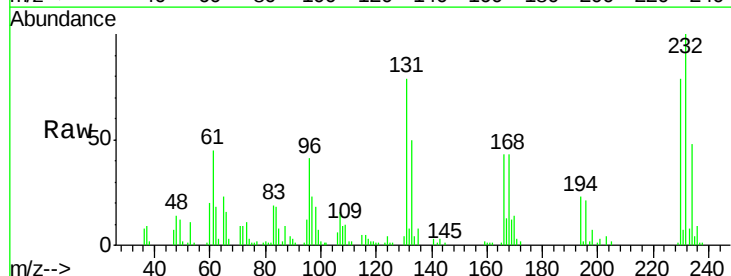
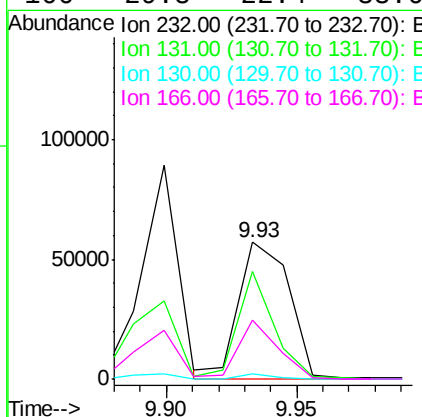
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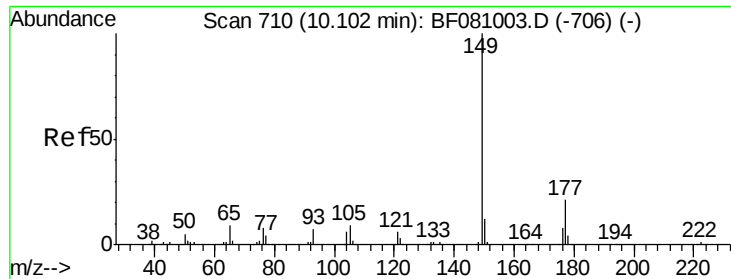
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.86 ng m
 RT: 9.93 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		76464		
131	52.1	42.2	63.4		
130	3.1	2.1	3.1		
166	29.8	22.4	33.6		





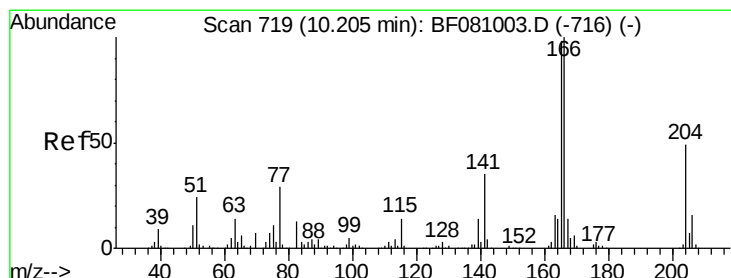
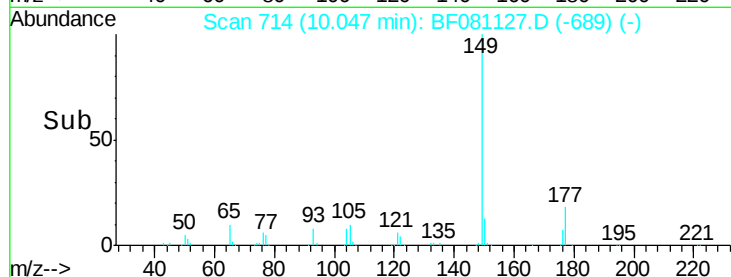
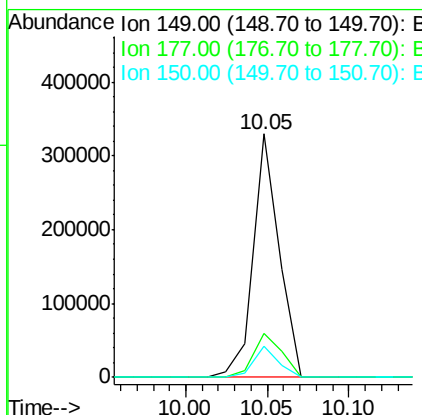
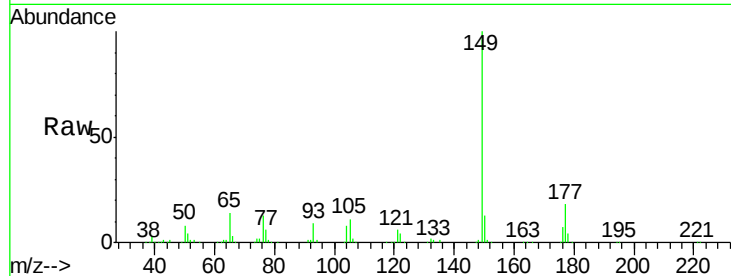
#59
Diethylphthalate
Concen: 28.82 ng
RT: 10.05 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	364842		
177	18.1	14.1	21.1	
150	12.5	10.3	15.5	

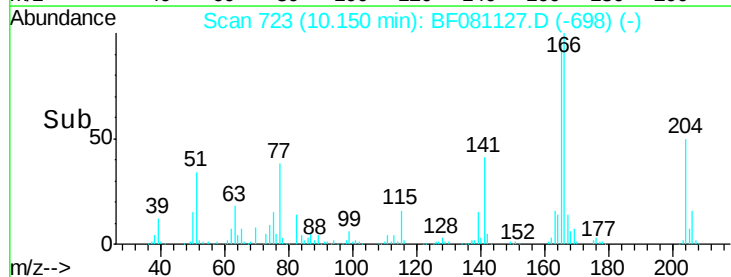
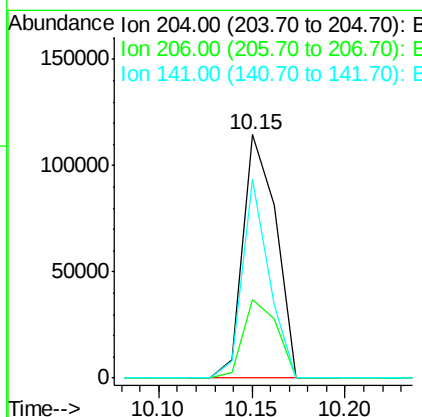
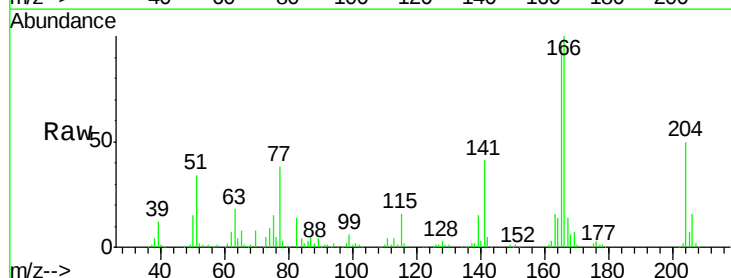
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#60
4-Chlorophenyl-phenylether
Concen: 29.32 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	140798		
206	32.2	26.2	39.2	
141	81.6	59.6	89.4	





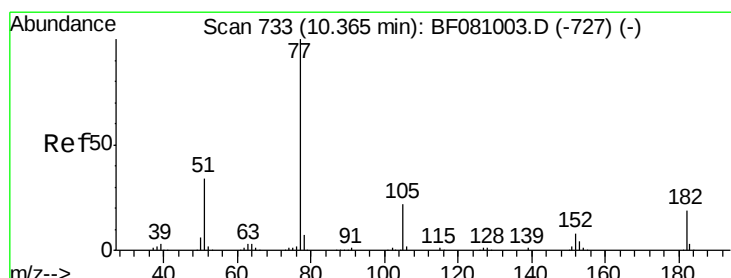
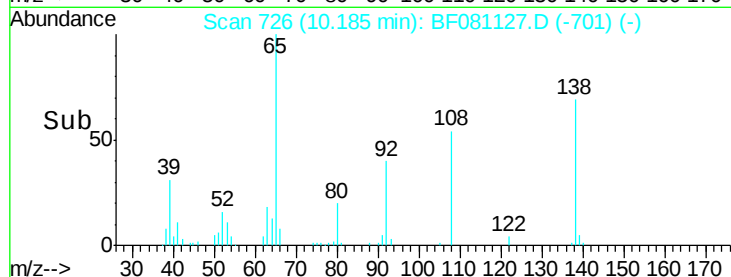
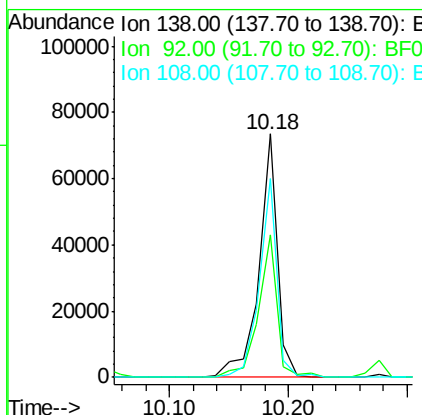
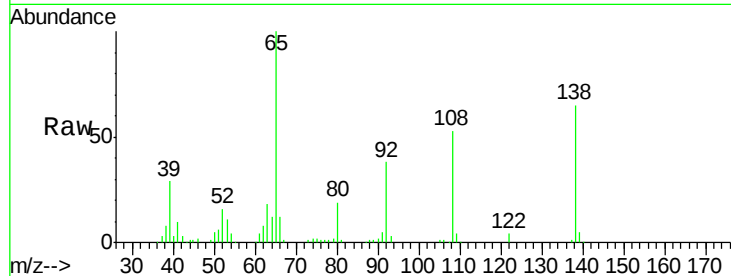
#61
4-Nitroaniline
Concen: 24.46 ng
RT: 10.18 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.3	34.7	74.7
108	81.7	68.9	108.9

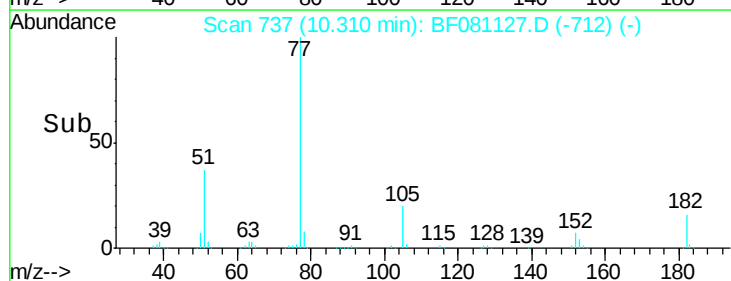
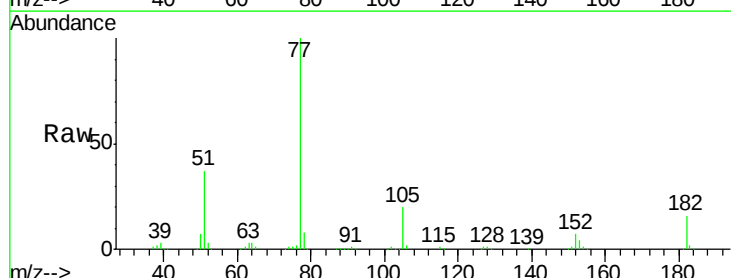
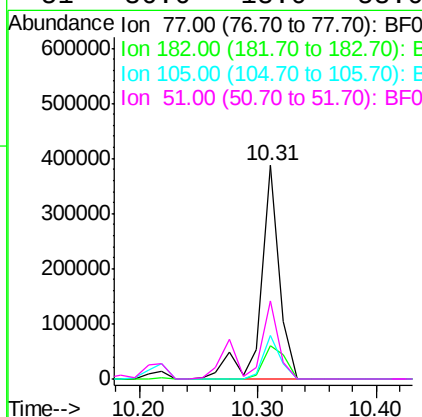
Manual Integrations
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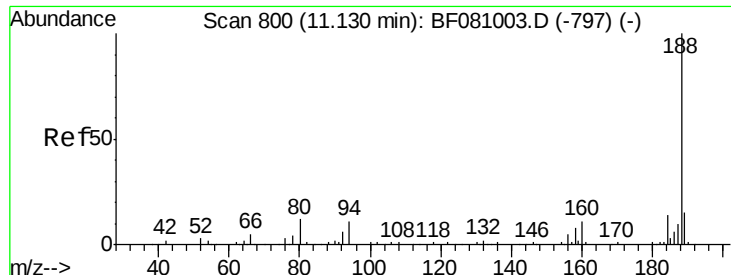
MMDadoda
8/21/2015 2:03:25 PM



#62
Azobenzene
Concen: 28.91 ng
RT: 10.31 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.6	0.0	39.0
105	20.2	0.2	40.2
51	36.6	18.0	58.0





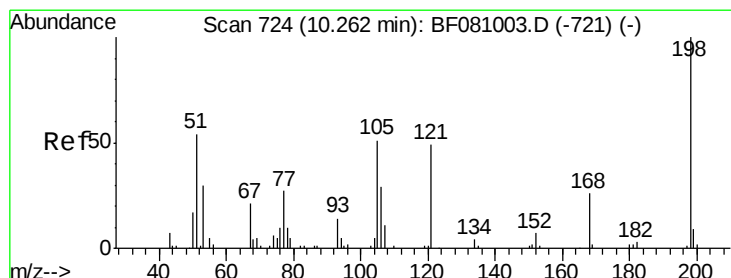
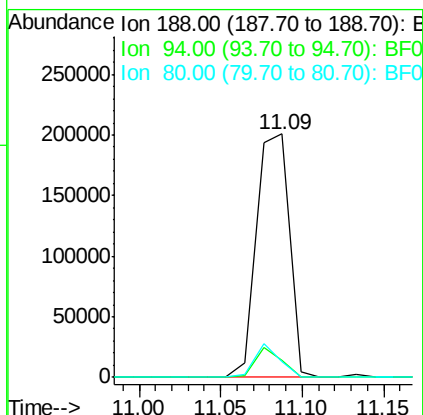
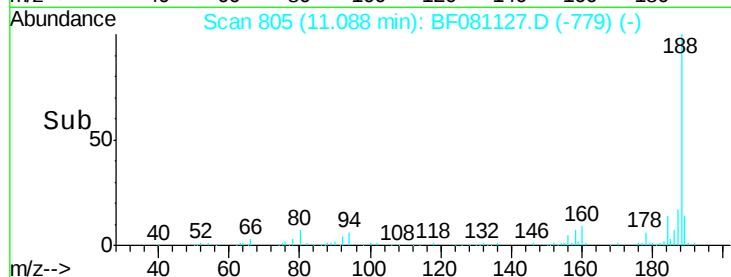
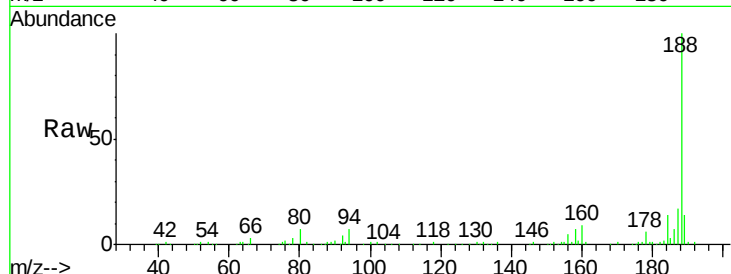
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.8	8.2	12.2#
80	6.7	9.5	14.3#

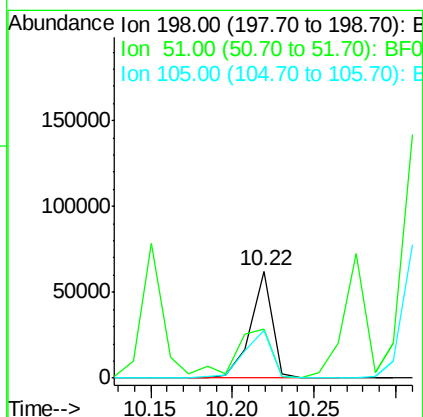
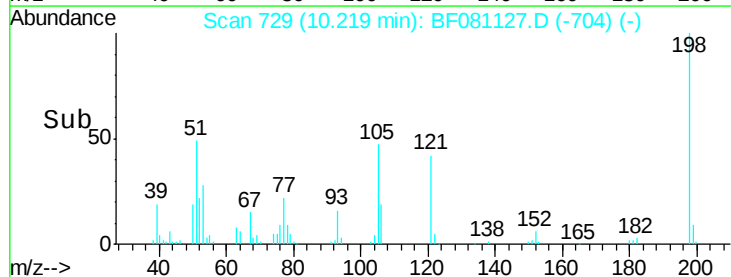
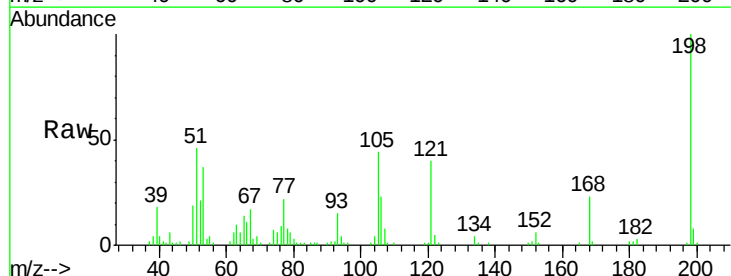
Manual Integrations
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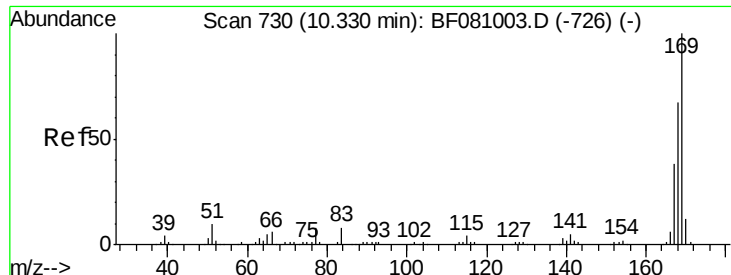
MMDadoda
 8/21/2015 2:03:25 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.70 ng
 RT: 10.22 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	46.2	79.7	119.7#
105	44.4	47.0	87.0#





#65

n-Nitrosodiphenylamine

Concen: 29.17 ng

RT: 10.28 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

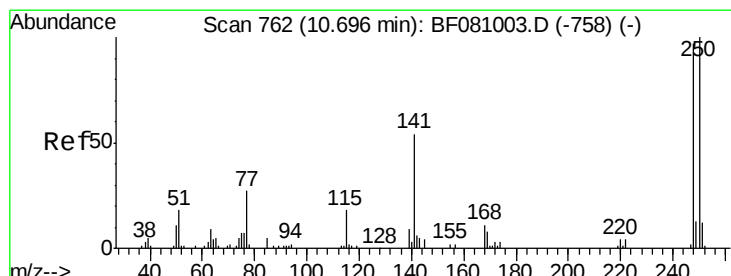
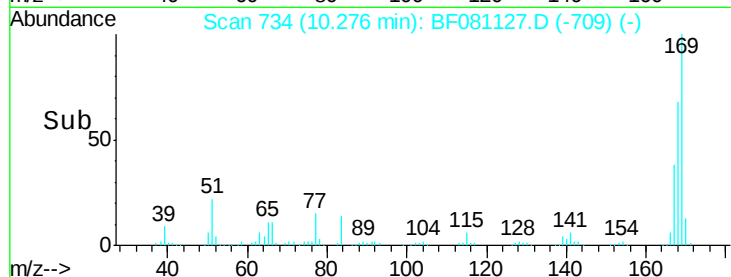
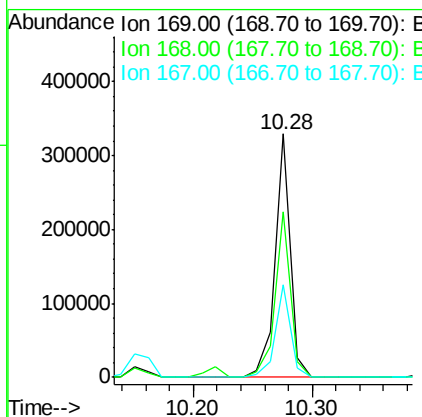
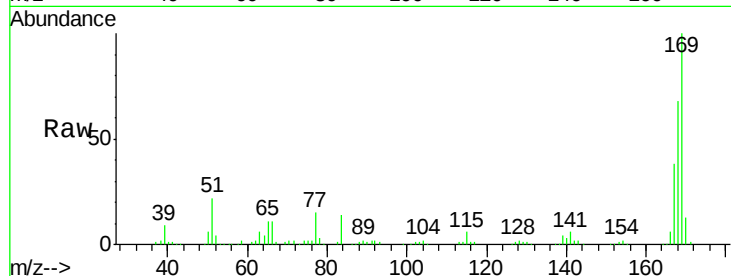
ClientSampleId :

PB85121BS

Tot Ion:	169	Resp:	294718
Ion Ratio	Lower	Upper	
169	100		
168	68.1	55.3	82.9
167	38.0	30.8	46.2

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#66

4-Bromophenyl-phenylether

Concen: 32.55 ng

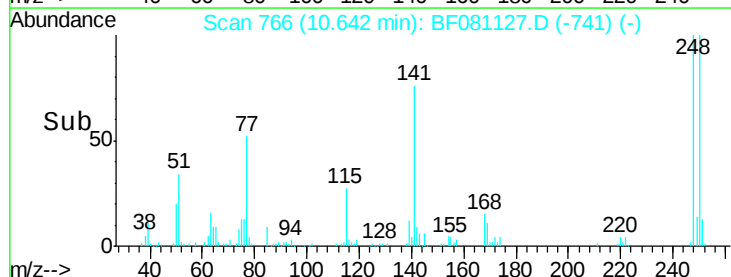
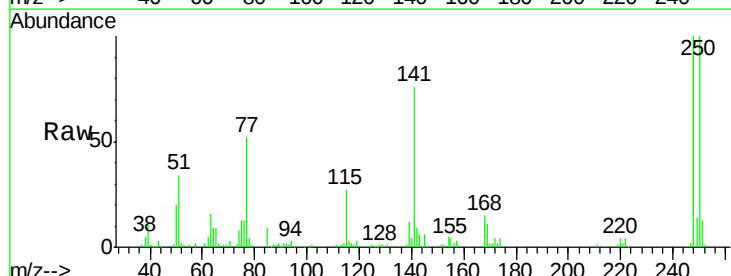
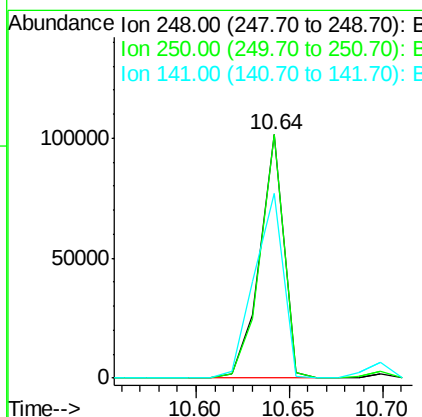
RT: 10.64 min Scan# 766

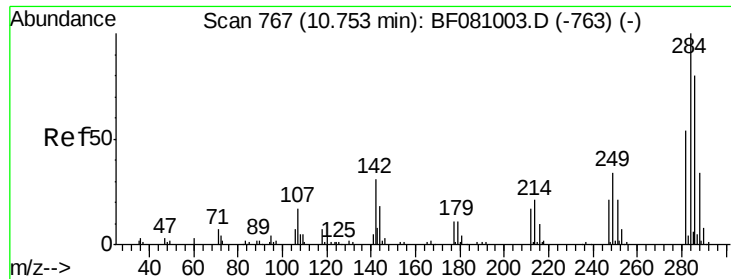
Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Tgt Ion:	248	Resp:	90510
Ion Ratio	Lower	Upper	
248	100		
250	100.1	77.8	116.6
141	76.0	39.8	59.6#





#67

Hexachlorobenzene

Concen: 31.45 ng

RT: 10.70 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF081127.D

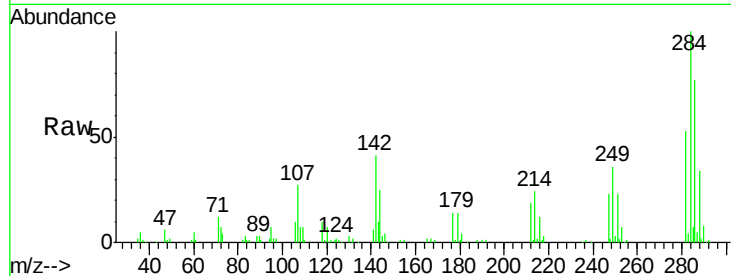
Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

ClientSampleId :

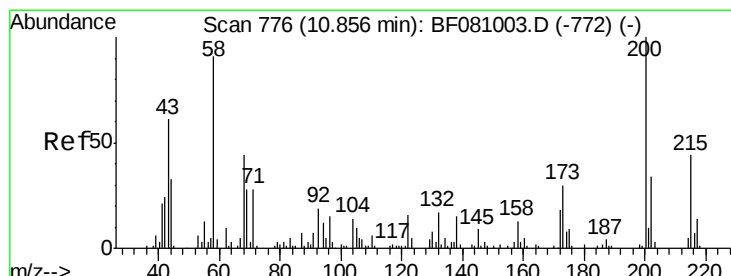
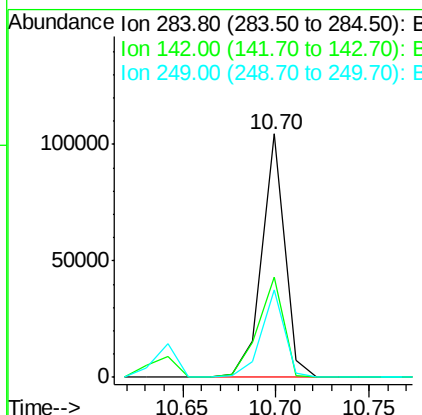
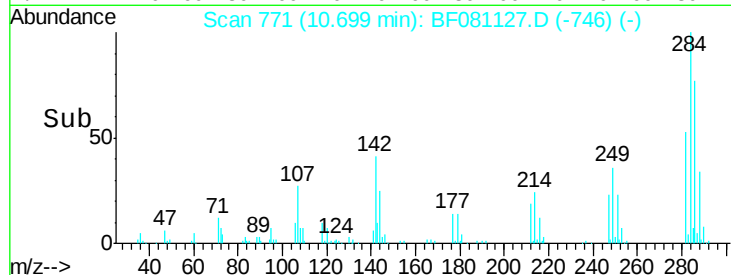
PB85121BS



Tot Ion:	284	Resp:	88567
Ion Ratio	Lower	Upper	
284	100		
142	41.4	25.4	38.0#
249	36.1	28.5	42.7

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#68

Atrazine

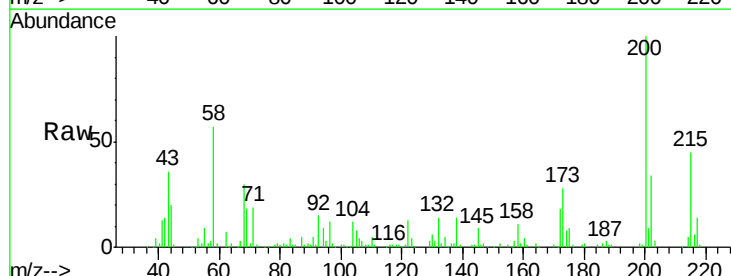
Concen: 37.67 ng

RT: 10.81 min Scan# 781

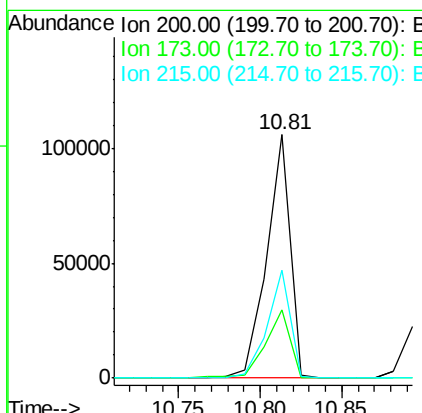
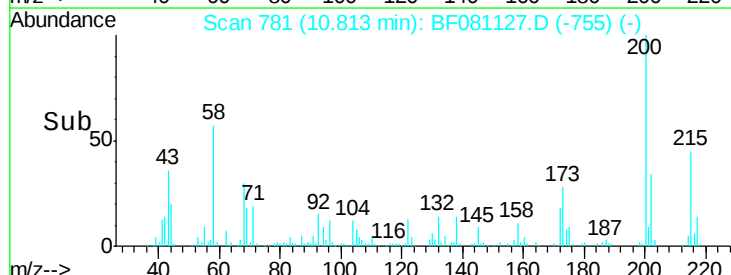
Delta R.T. -0.00 min

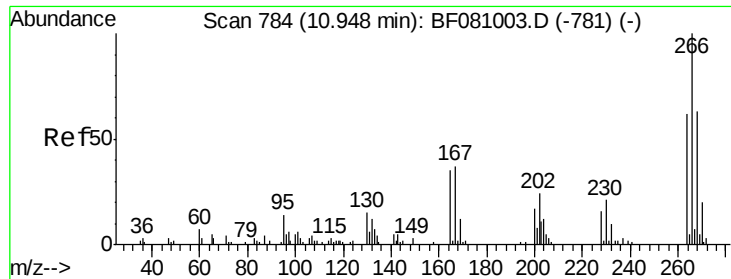
Lab File: BF081127.D

Acq: 20 Aug 2015 16:31



Tgt Ion:	200	Resp:	106034
Ion Ratio	Lower	Upper	
200	100		
173	27.9	8.1	48.1
215	44.6	23.3	63.3





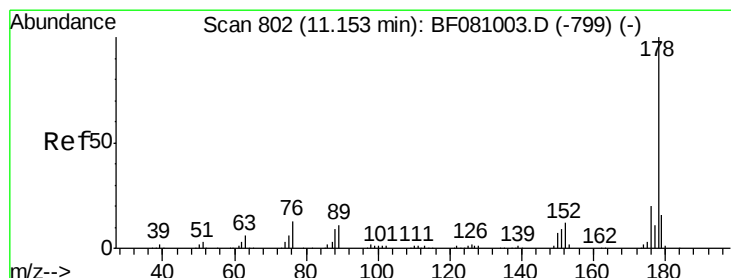
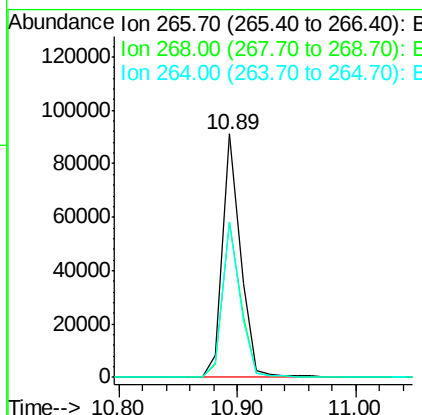
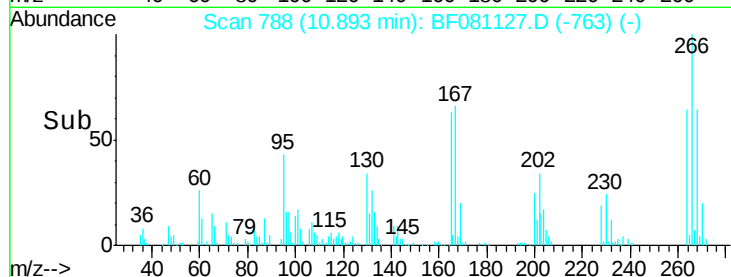
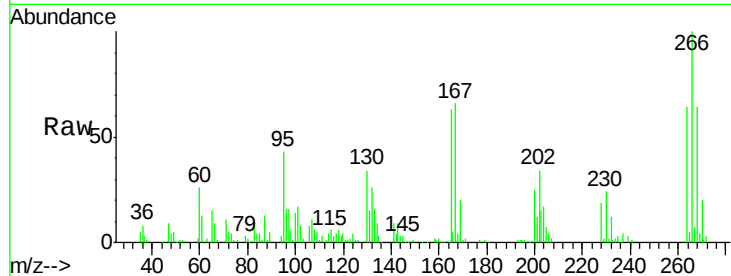
#69
 Pentachlorophenol
 Concen: 56.83 ng
 RT: 10.89 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	96015		
268	63.6	51.2	76.8	
264	64.0	50.6	75.8	

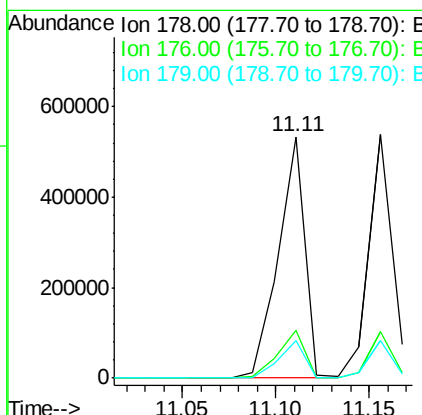
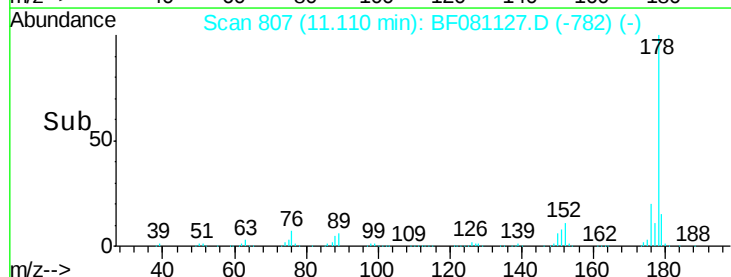
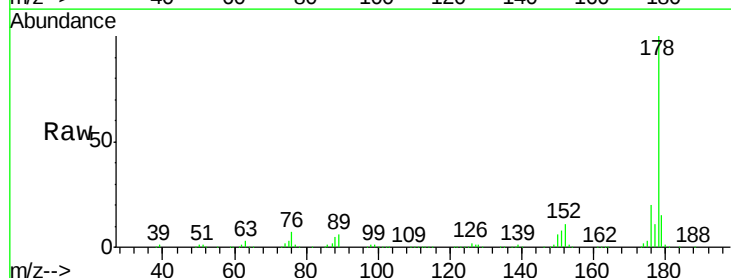
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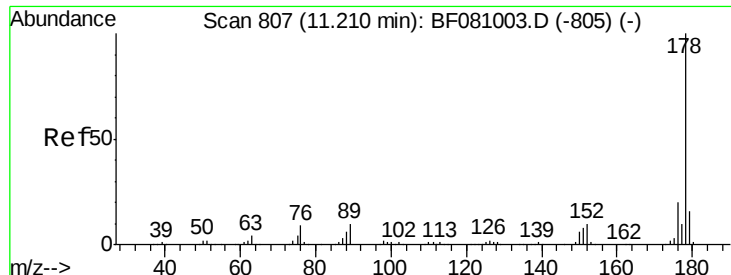
MMDadoda
 8/21/2015 2:03:25 PM



#70
 Phenanthrene
 Concen: 31.42 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	527052		
176	19.6	15.7	23.5	
179	15.5	12.2	18.2	





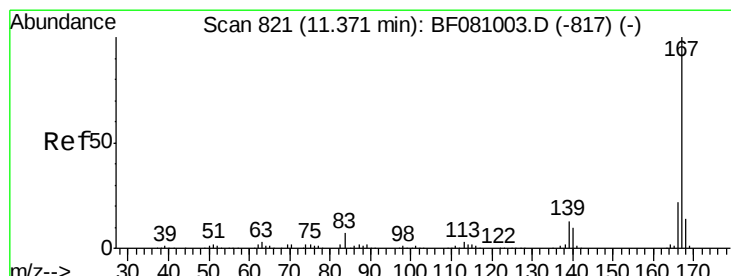
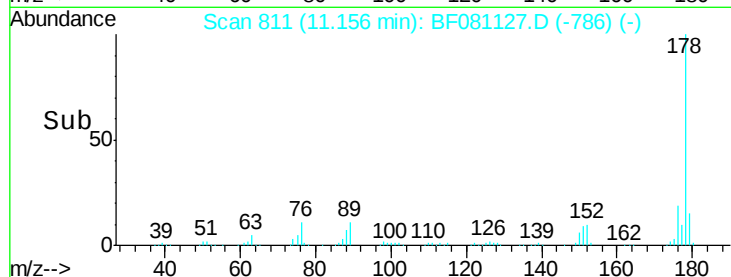
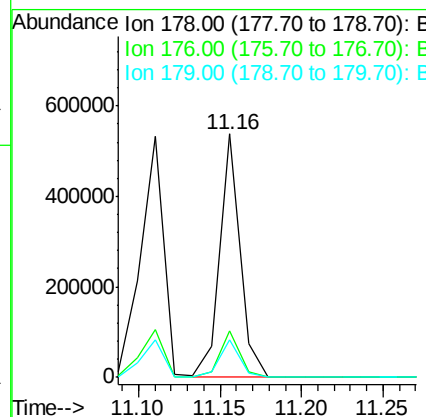
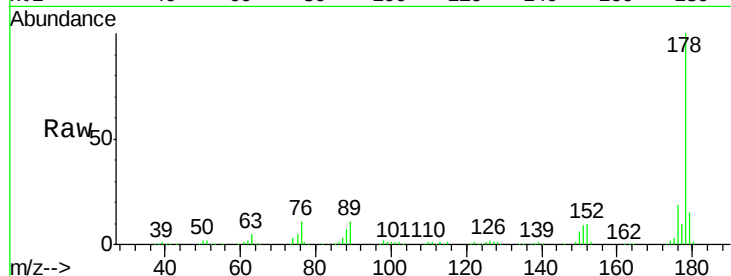
#71
 Anthracene
 Concen: 28.72 ng
 RT: 11.16 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.4	12.7	19.1

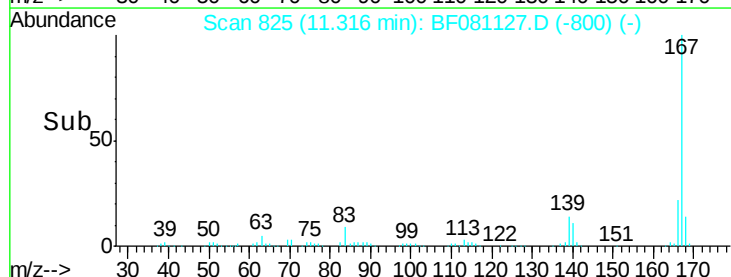
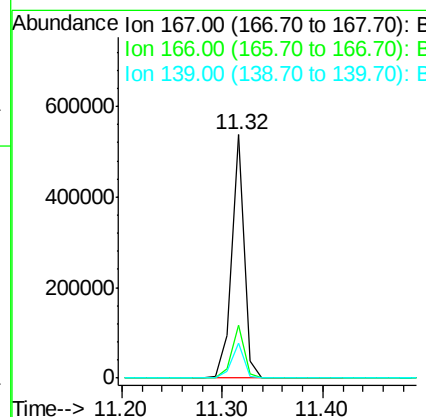
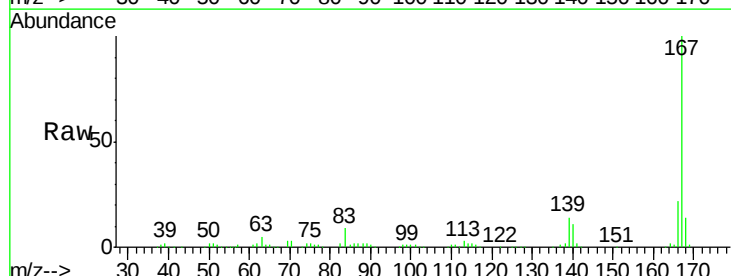
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#72
 Carbazole
 Concen: 29.58 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	14.1	10.6	16.0





#73

Di-n-butylphthalate

Concen: 31.18 ng

RT: 11.66 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

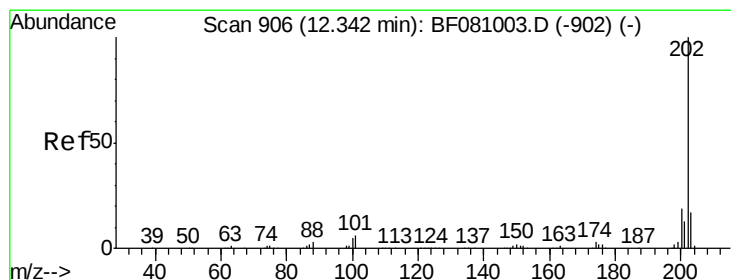
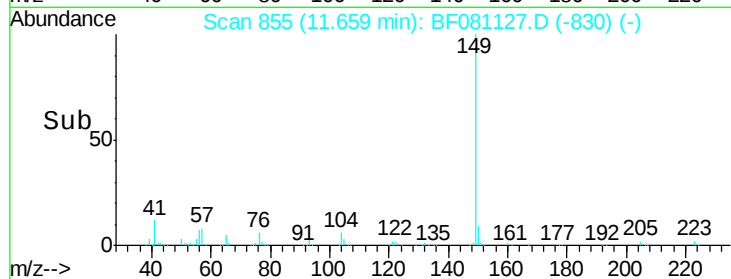
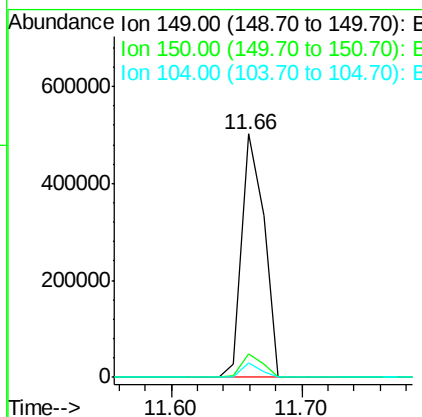
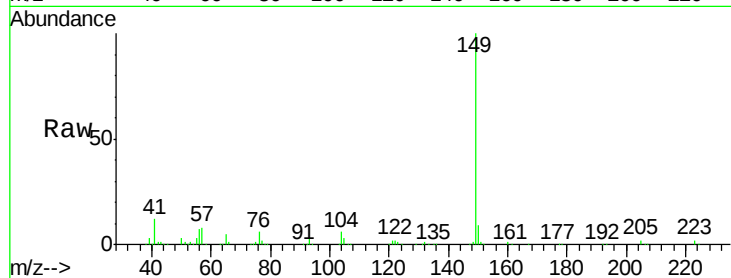
ClientSampleId :

PB85121BS

Tot Ion:	149	Resp:	593012
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.1	10.7
104	5.7	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 32.24 ng

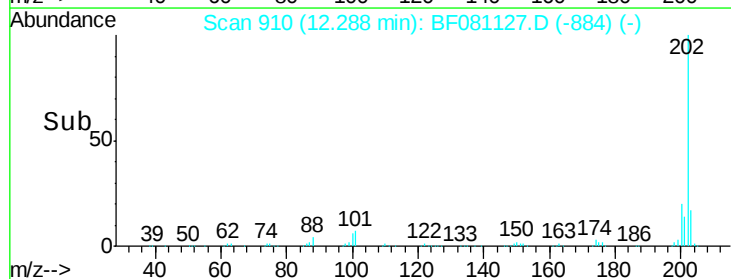
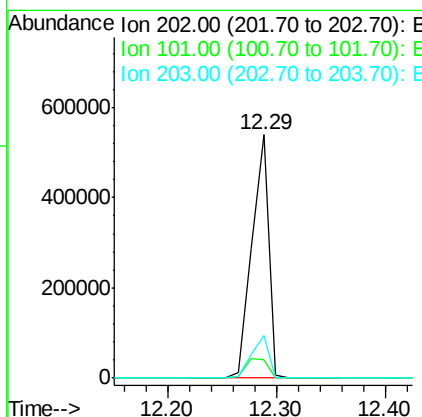
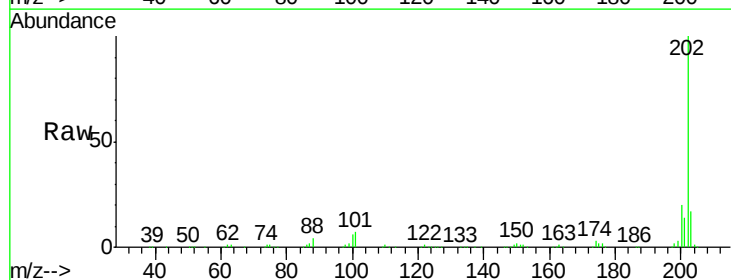
RT: 12.29 min Scan# 910

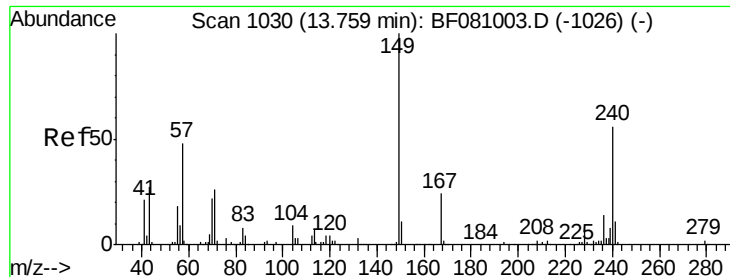
Delta R.T. -0.00 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Tgt Ion:	202	Resp:	583631
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	24.8
203	17.4	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

ClientSampleId :

PB85121BS

Tot Ion:240 Resp: 237408

Ion Ratio Lower Upper

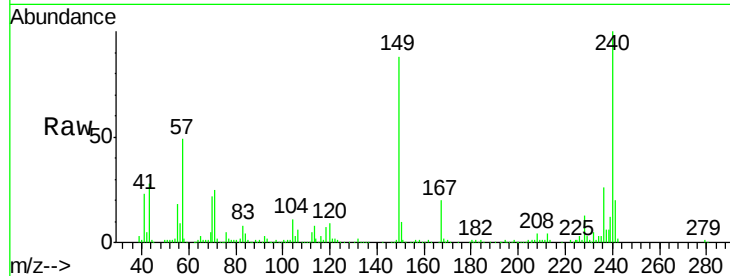
240 100

120 8.5 5.6 8.4#

236 26.1 20.6 30.8

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

300000

200000

100000

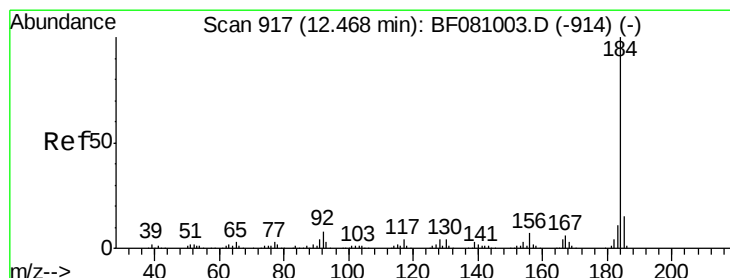
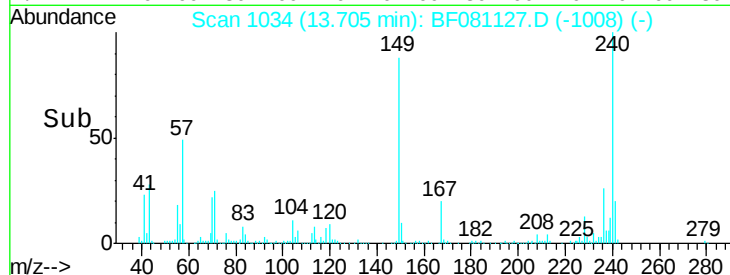
0

13.71

13.70

13.80

Time-->



#76

Benzidine

Concen: 23.19 ng

RT: 12.41 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

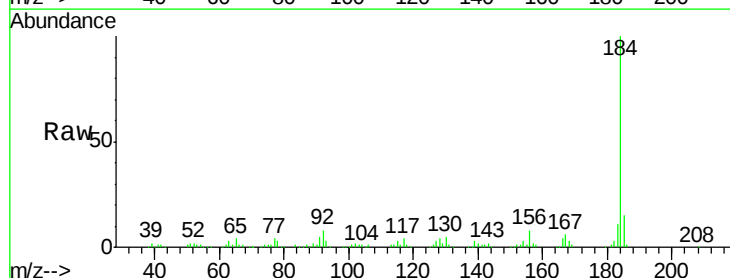
Tgt Ion:184 Resp: 207929

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

183 10.9 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

300000

250000

200000

150000

100000

50000

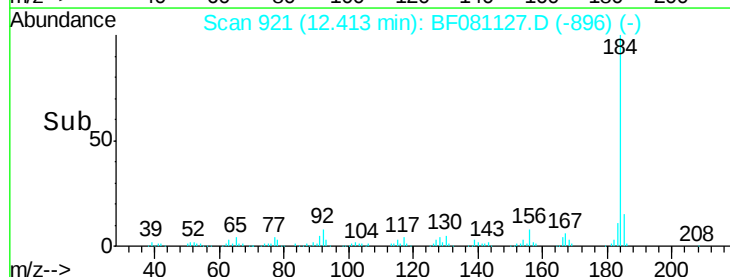
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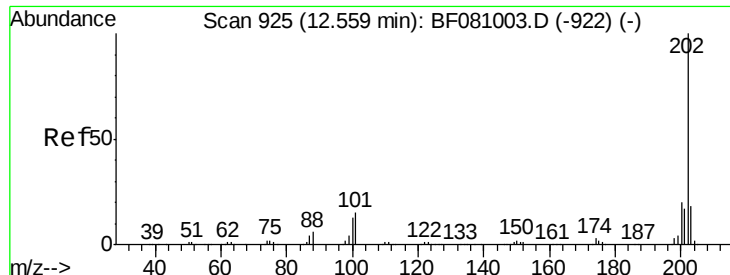
12.41

12.40

12.50

Time-->





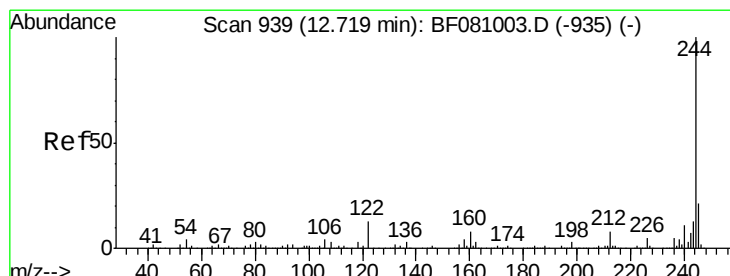
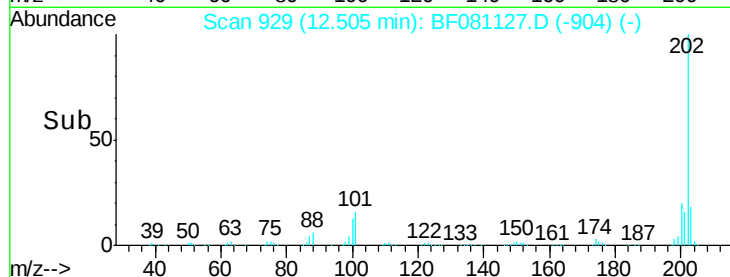
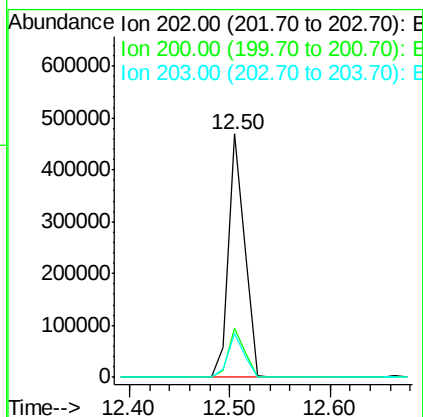
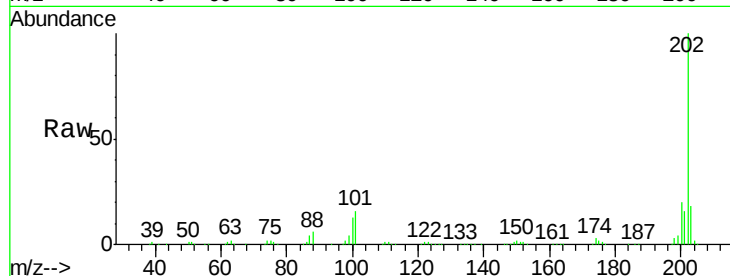
#77
Pvrene
Concen: 27.09 ng
RT: 12.50 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	16.6	24.8
203	18.2	14.1	21.1

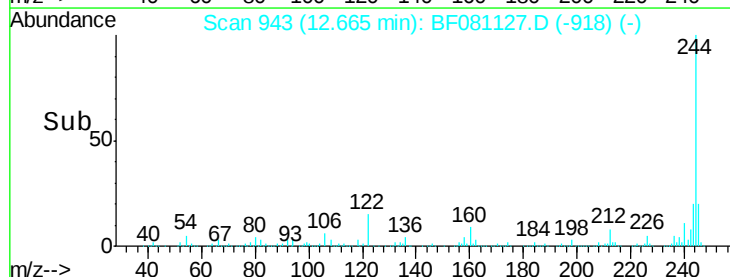
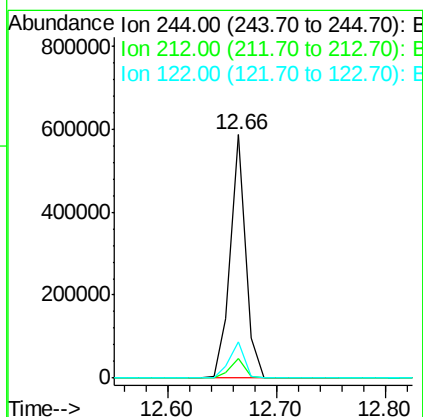
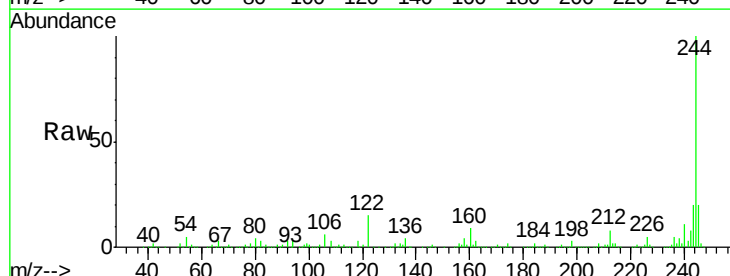
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#78
Terphenyl-d14
Concen: 51.53 ng
RT: 12.66 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	5.8	8.8
122	15.1	8.2	12.4#





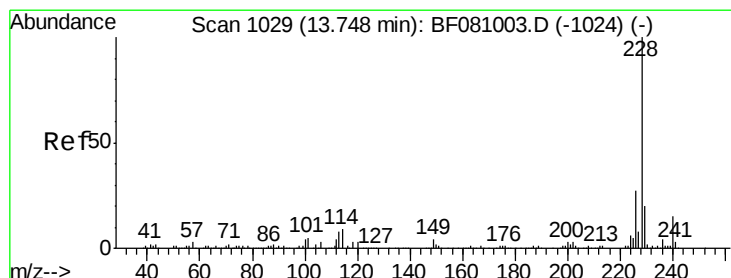
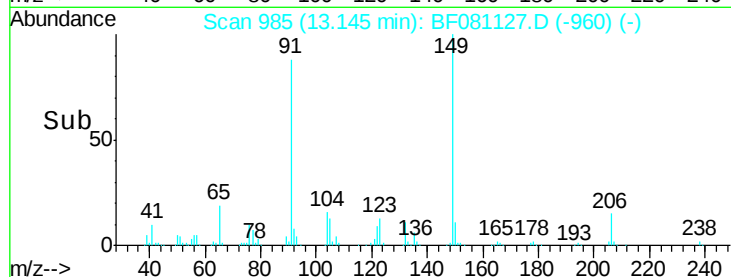
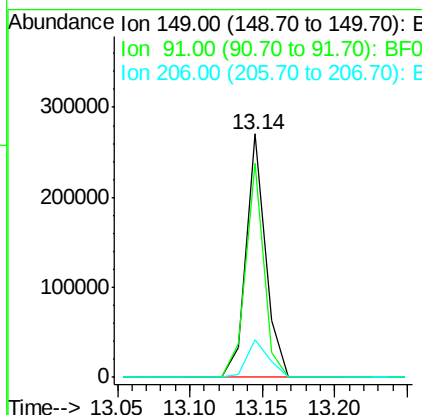
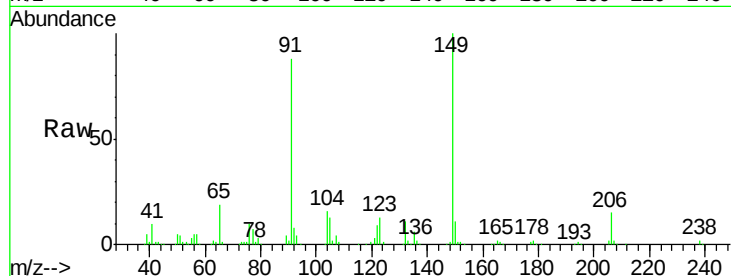
#79
Butylbenzylphthalate
Concen: 30.52 ng
RT: 13.14 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	253160		
91	87.9	46.9	70.3#	
206	15.4	17.0	25.4#	

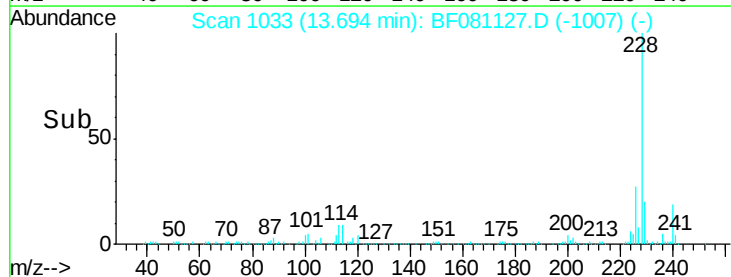
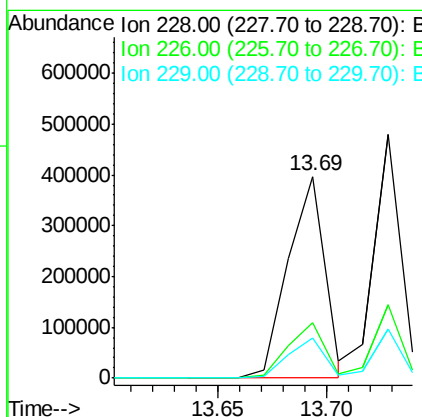
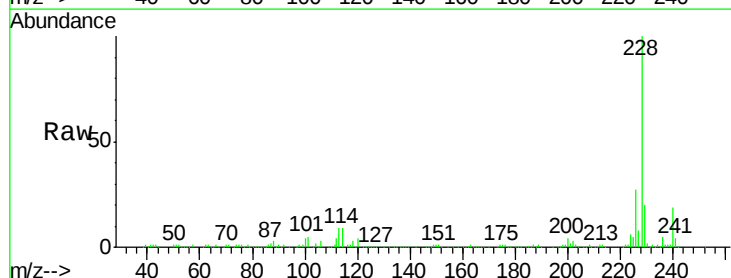
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#80
Benzo(a)anthracene
Concen: 29.42 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	468380		
226	27.2	22.3	33.5	
229	19.9	15.9	23.9	





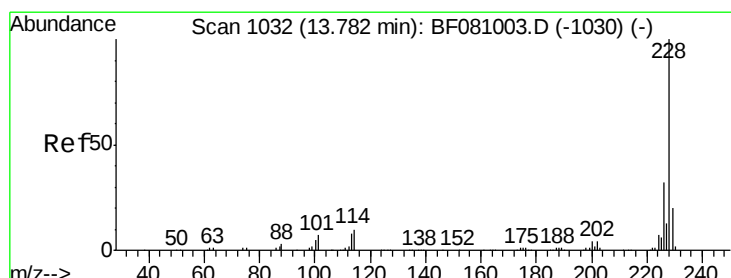
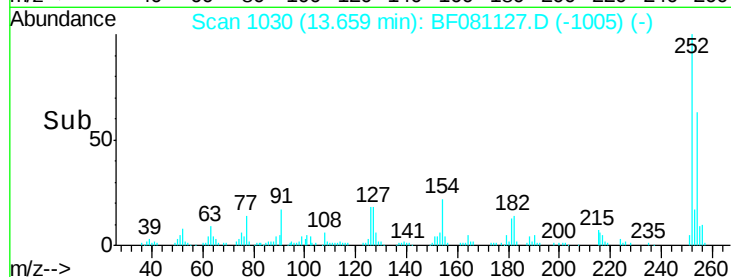
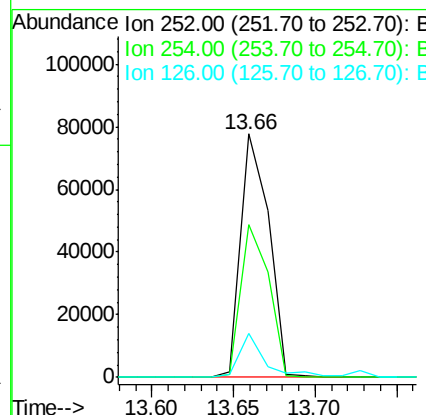
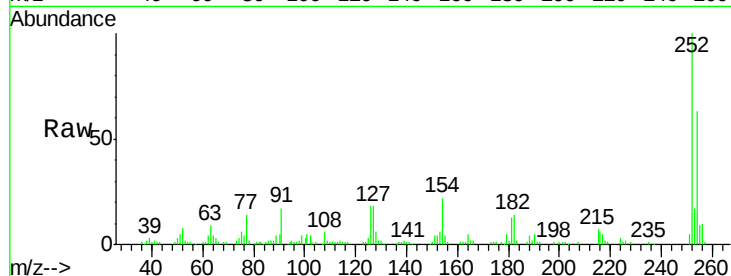
#81
 3,3'-Dichlorobenzidine
 Concen: 17.88 ng
 RT: 13.66 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Instrument :
 BNA_F
 ClientSampled :
 PB85121BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	92218		
254	62.9	51.5	77.3	
126	18.3	12.5	18.7	

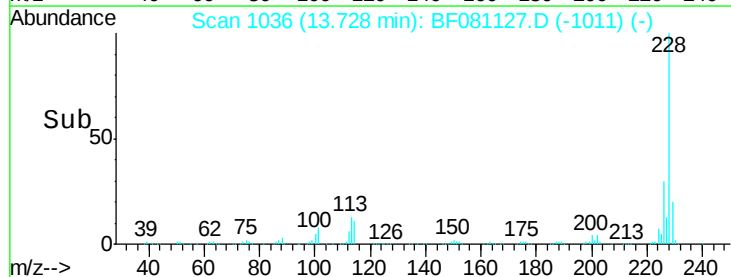
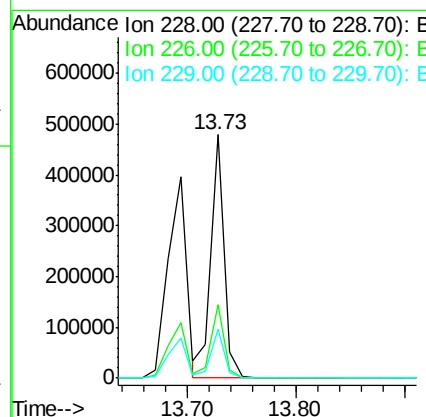
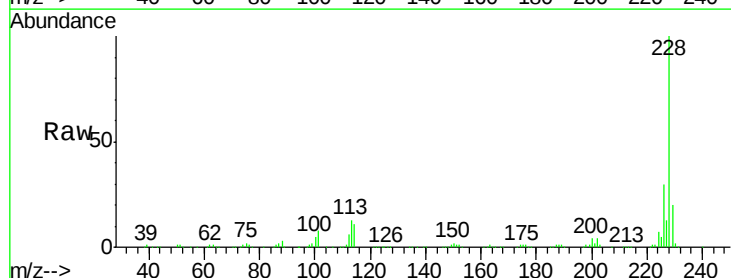
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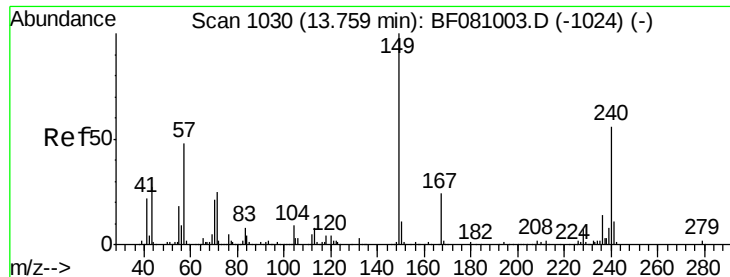
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#82
 Chrysene
 Concen: 28.93 ng
 RT: 13.73 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	415164		
226	30.3	24.4	36.6	
229	19.9	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.75 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF081127.D

Acq: 20 Aug 2015 16:31

Instrument :

BNA_F

ClientSampleId :

PB85121BS

Tot Ion:149 Resp: 358617
Ion Ratio Lower Upper

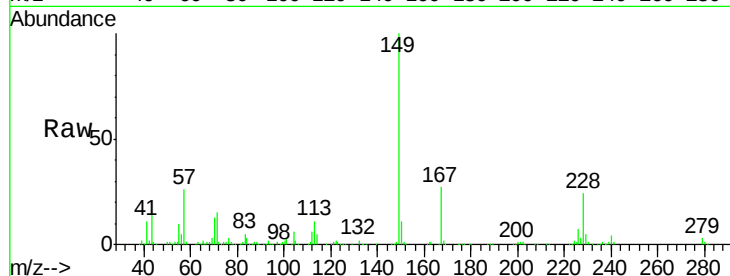
149 100

167 26.7 20.7 31.1

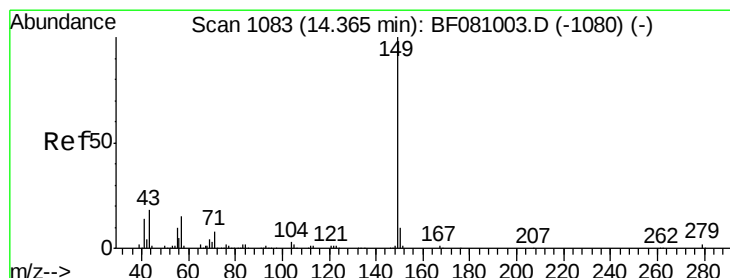
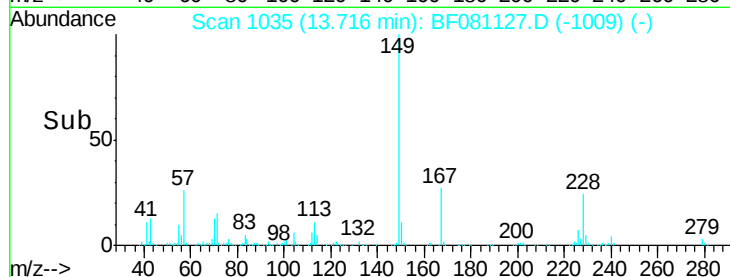
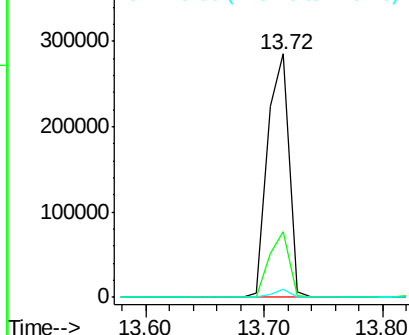
279 3.4 2.2 3.4#

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



#84

Di-n-octyl phthalate

Concen: 37.16 ng

RT: 14.32 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF081127.D

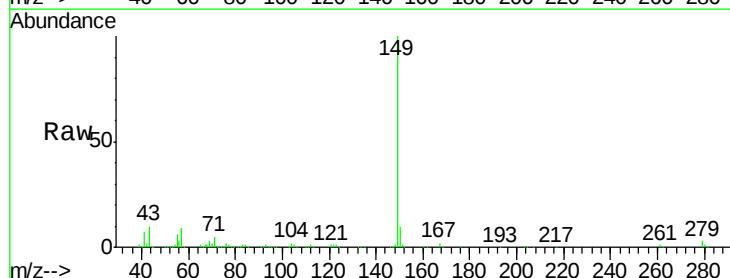
Acq: 20 Aug 2015 16:31

Tgt Ion:149 Resp: 600143
Ion Ratio Lower Upper

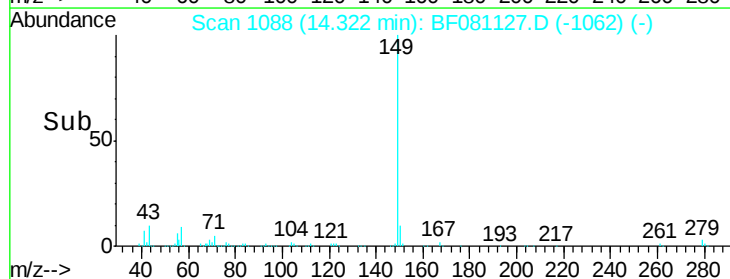
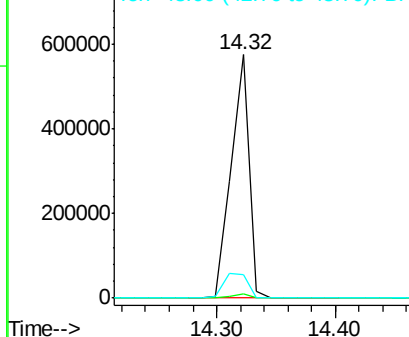
149 100

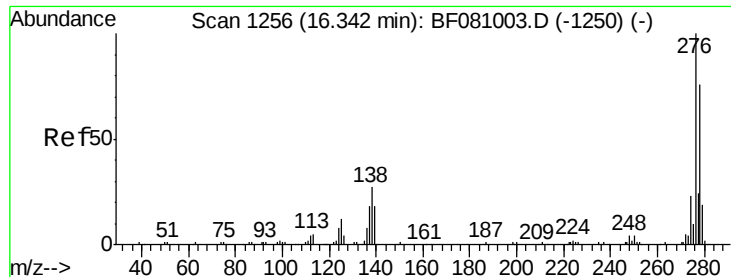
167 1.5 1.1 1.7

43 13.5 11.6 17.4



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





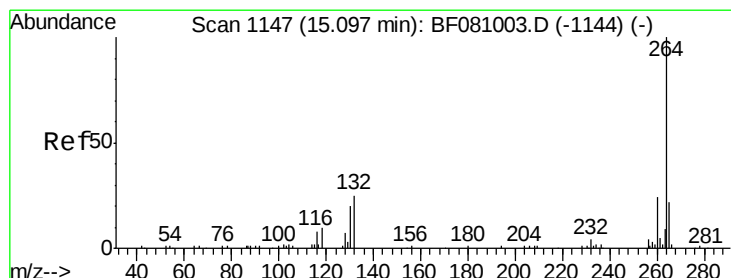
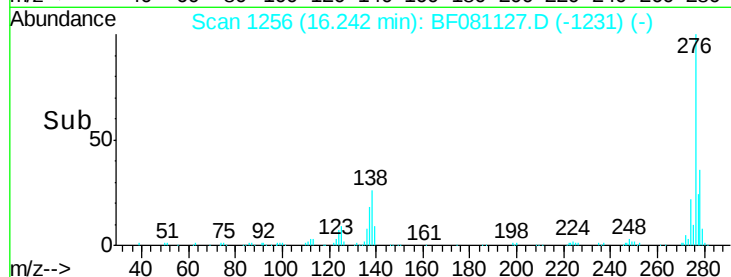
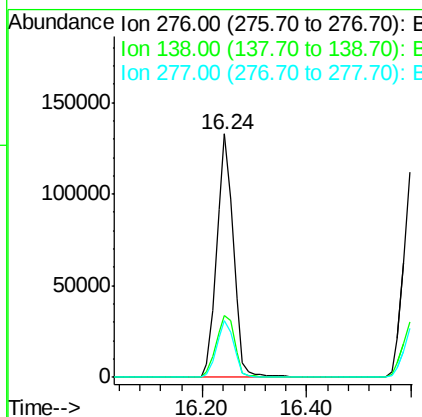
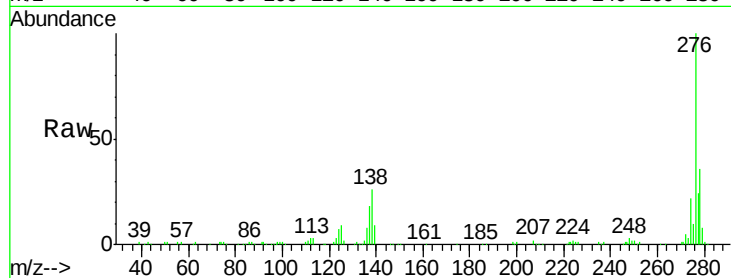
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.21 ng
RT: 16.24 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	294228		
138	28.4	18.6	28.0	
277	24.2	19.8	29.8	

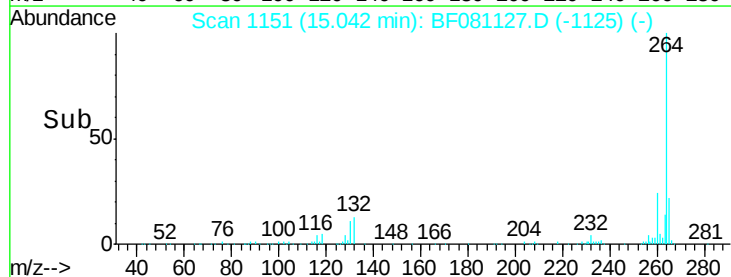
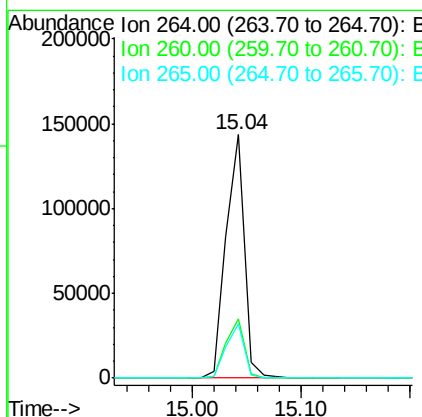
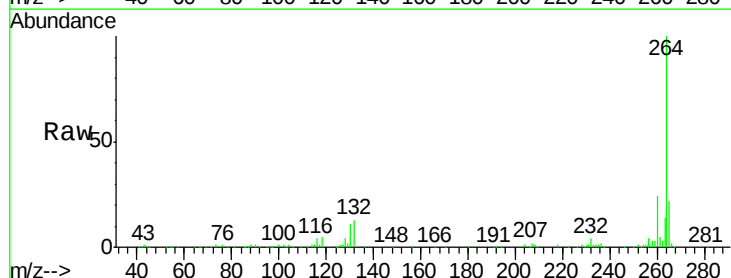
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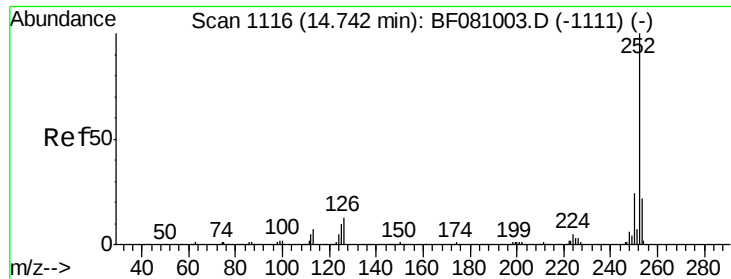
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	166988		
260	24.5	19.6	29.4	
265	22.1	17.5	26.3	





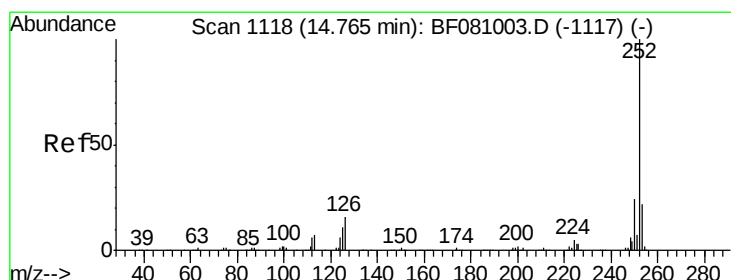
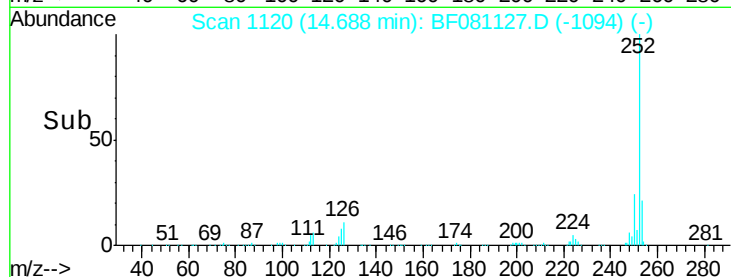
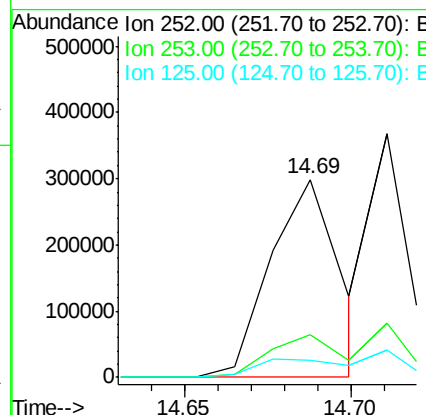
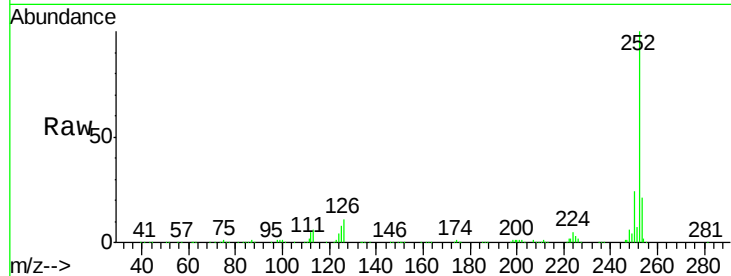
#87
Benzo(b)fluoranthene
Concen: 36.64 ng m
RT: 14.69 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	8.5	8.0	12.0

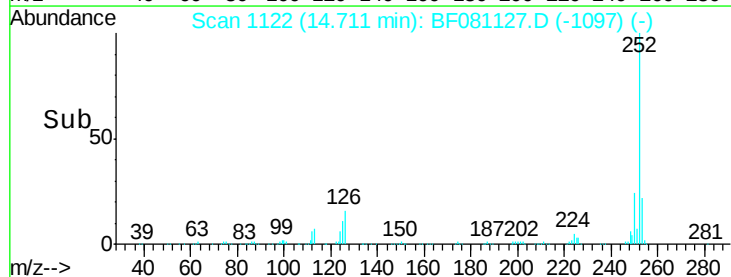
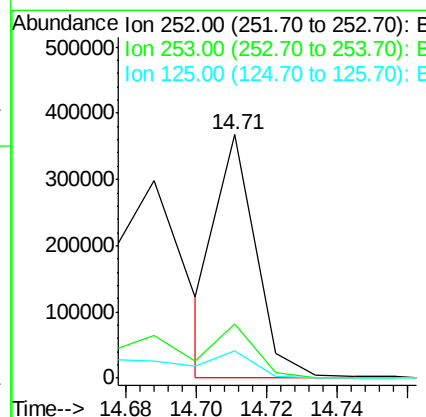
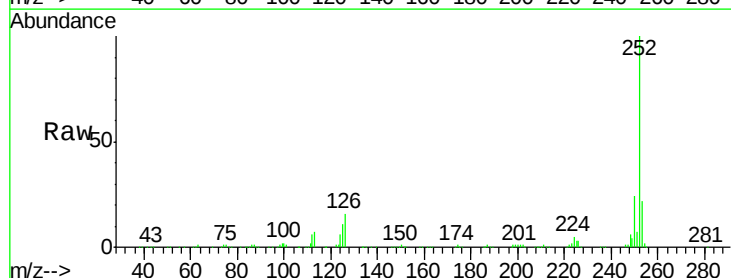
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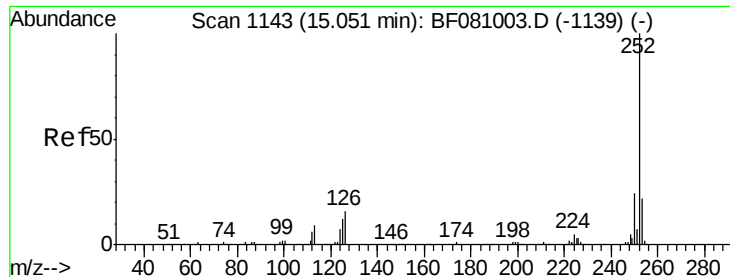
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#88
Benzo(k)fluoranthene
Concen: 25.70 ng m
RT: 14.71 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	11.0	10.3	15.5





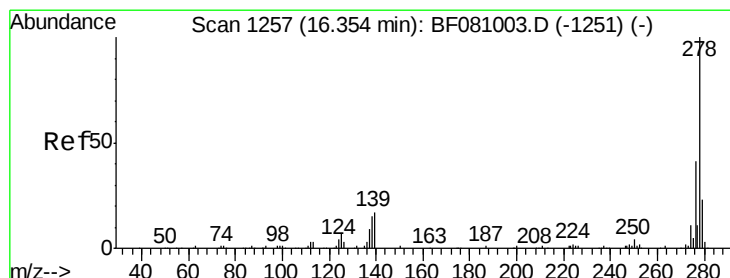
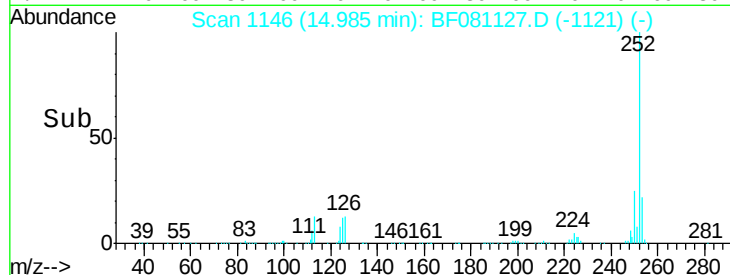
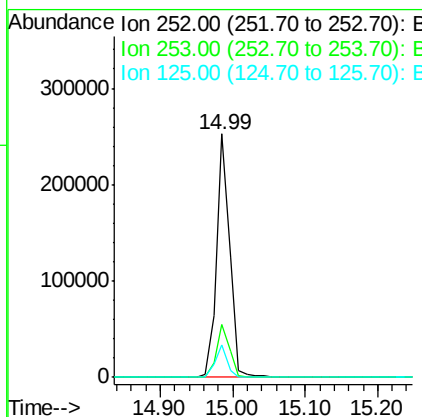
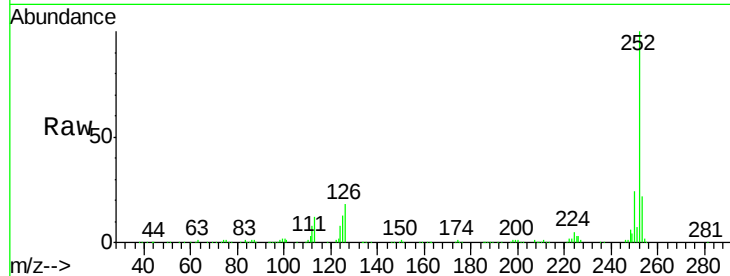
#89
Benzo(a)pyrene
Concen: 30.74 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.6	25.0
125	13.4	7.8	11.8

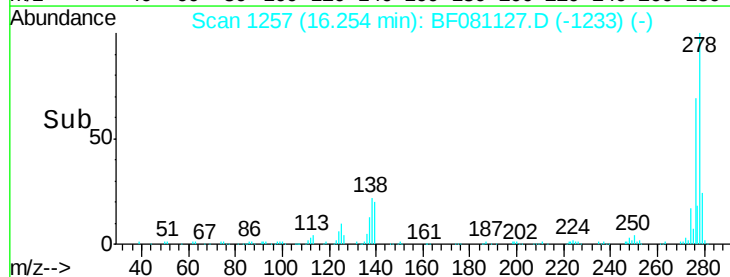
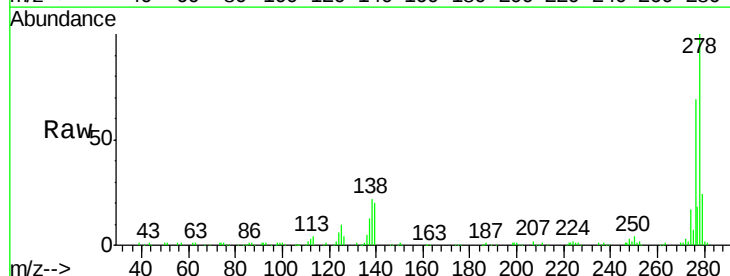
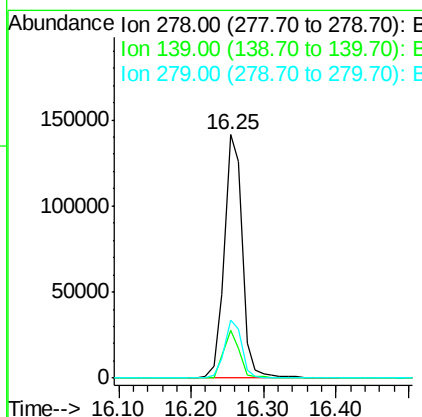
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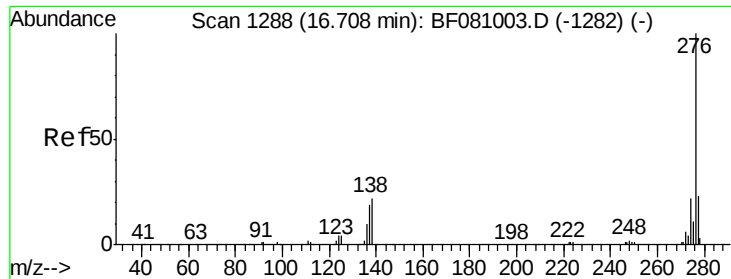
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#90
Dibenzo(a,h)anthracene
Concen: 30.60 ng
RT: 16.25 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	10.8	16.2
279	23.6	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 29.81 ng
 RT: 16.61 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF081127.D
 Acq: 20 Aug 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion:	276	Resp:	242529
Ion Ratio	Lower	Upper	
276	100		
277	22.7	18.2	27.2
138	19.9	13.7	20.5

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