

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083124.D
 Acq On : 21 Nov 2015 21:31
 Operator : UM/IZ
 Sample : PB86620BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:01:27 PM

Quant Time: Nov 22 09:35:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	196944	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	741833	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	368775	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	708330	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	633510	20.00	ng	-0.01
86) Perylene-d12	15.15	264	562261	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1276898	98.02	ng	0.00
7) Phenol-d6	6.33	99	1620876	96.17	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1042506	64.21	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	336453	89.18	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1739129	65.76	ng	0.00
78) Terphenyl-d14	12.75	244	1758960	65.38	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.25	88	159039	24.65	ng	94
3) Pyridine	3.00	79	501720	29.44	ng	97
4) n-Nitrosodimethylamine	2.86	42	226406	28.80	ng	98
6) Aniline	6.33	93	364006	17.67	ng	# 54
8) 2-Chlorophenol	6.44	128	429098	30.49	ng	95
9) Benzaldehyde	6.20	77	285299	31.81	ng	95
10) Phenol	6.34	94	663276	32.53	ng	# 79
11) bis(2-Chloroethyl)ether	6.40	93	484411	33.27	ng	97
12) 1,3-Dichlorobenzene	6.59	146	481931m	29.99	ng	
13) 1,4-Dichlorobenzene	6.67	146	489406	30.11	ng	95
14) 1,2-Dichlorobenzene	6.82	146	422168	28.57	ng	96
15) Benzyl Alcohol	6.82	79	429378	30.49	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	725521	31.96	ng	96
17) 2-Methylphenol	6.95	107	382710	32.86	ng	94
18) Hexachloroethane	7.16	117	166563	29.09	ng	# 87
19) n-Nitroso-di-n-propylamine	7.10	70	352148	30.02	ng	# 87
20) 3+4-Methylphenols	7.11	107	490898	33.34	ng	98
22) Acetophenone	7.08	105	622774	29.24	ng	# 94
24) Nitrobenzene	7.24	77	525907	30.32	ng	99
25) Isophorone	7.51	82	907725	29.53	ng	96
26) 2-Nitrophenol	7.56	139	226224	29.54	ng	91
27) 2,4-Dimethylphenol	7.62	122	368848	30.18	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	569822	31.88	ng	99
29) 2,4-Dichlorophenol	7.82	162	383386	32.98	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	383150	30.01	ng	96
31) Naphthalene	7.96	128	1240701	30.99	ng	99
32) Benzoic acid	7.78	122	288563	30.37	ng	92
33) 4-Chloroaniline	8.03	127	192929	12.42	ng	# 87
34) Hexachlorobutadiene	8.09	225	230453	30.54	ng	98
35) Caprolactam	8.43	113	118589	31.83	ng	90
36) 4-Chloro-3-methylphenol	8.54	107	419339	31.14	ng	99
37) 2-Methylnaphthalene	8.66	142	797672	30.70	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	358835	30.02	ng	# 98
40) Hexachlorocyclopentadiene	8.81	237	405520	59.67	ng	97

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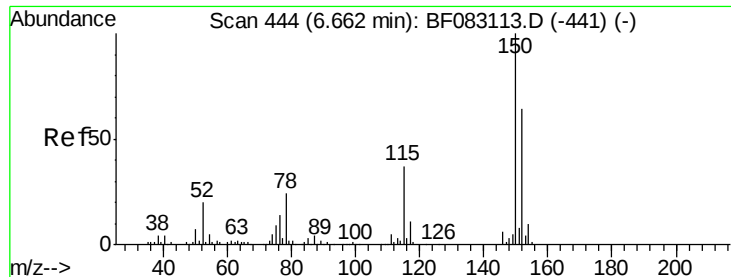
Manual Integrations
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 11/23/2015 7:01:27 PM

Quant Time: Nov 22 09:35:52 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	263134	30.74	nq	97
43) 2,4,5-Trichlorophenol	8.99	196	273504	31.25	nq	98
45) 1,1'-Biphenyl	9.12	154	923628	29.43	nq	98
46) 2-Chloronaphthalene	9.14	162	762614	30.93	nq	94
47) 2-Nitroaniline	9.24	65	267800	30.71	nq	97
48) Acenaphthylene	9.55	152	1197046	31.33	nq	99
49) Dimethylphthalate	9.44	163	954169	33.61	nq	100
50) 2,6-Dinitrotoluene	9.48	165	193181	30.32	nq	93
51) Acenaphthene	9.72	154	723830	31.13	nq	99
52) 3-Nitroaniline	9.66	138	99260	14.61	nq	# 55
53) 2,4-Dinitrophenol	9.76	184	226623	61.75	nq	# 83
54) Dibenzofuran	9.90	168	1020256	31.03	nq	95
55) 4-Nitrophenol	9.85	139	298416	57.30	nq	95
56) 2,4-Dinitrotoluene	9.90	165	264776	32.80	nq	# 81
57) Fluorene	10.24	166	868805	31.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	227367	31.67	nq	99
59) Diethylphthalate	10.14	149	922858	32.66	nq	98
60) 4-Chlorophenyl-phenylether	10.24	204	402235	32.32	nq	# 83
61) 4-Nitroaniline	10.27	138	186726	27.92	nq	86
62) Azobenzene	10.40	77	1086837	33.69	nq	88
64) 4,6-Dinitro-2-methylphenol	10.30	198	157221	32.21	nq	87
65) n-Nitrosodiphenylamine	10.35	169	726587	30.16	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	245122	31.19	nq	# 86
67) Hexachlorobenzene	10.79	284	270010	31.19	nq	# 82
68) Atrazine	10.90	200	254380	36.36	nq	96
69) Pentachlorophenol	10.98	266	328726	58.31	nq	99
70) Phenanthrene	11.19	178	1276078	31.27	nq	100
71) Anthracene	11.24	178	1358627	32.63	nq	99
72) Carbazole	11.40	167	1175079	31.75	nq	99
73) Di-n-butylphthalate	11.75	149	1409455	31.20	nq	99
74) Fluoranthene	12.38	202	1380576	33.05	nq	94
76) Benzidine	12.50	184	545199	32.84	nq	100
77) Pyrene	12.59	202	1335606	30.86	nq	99
79) Butylbenzylphthalate	13.23	149	608893	29.73	nq	94
80) Benzo(a)anthracene	13.78	228	1274565	32.53	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	283021	20.75	nq	99
82) Chrysene	13.82	228	1032422	28.41	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	831643	31.09	nq	100
84) Di-n-octyl phthalate	14.41	149	1487608	32.30	nq	100
85) Indeno(1,2,3-cd)pyrene	16.42	276	1003495	30.36	nq	98
87) Benzo(b)fluoranthene	14.79	252	1177688m	30.65	nq	
88) Benzo(k)fluoranthene	14.81	252	909666m	31.78	nq	
89) Benzo(a)pyrene	15.11	252	987869	31.15	nq	98
90) Dibenzo(a,h)anthracene	16.43	278	842415	29.24	nq	98
91) Benzo(g,h,i)perylene	16.80	276	818750	29.11	nq	97

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



#1

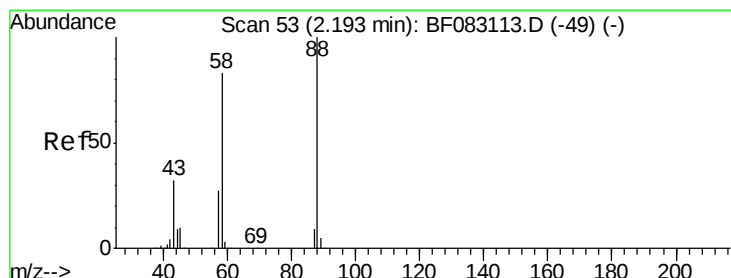
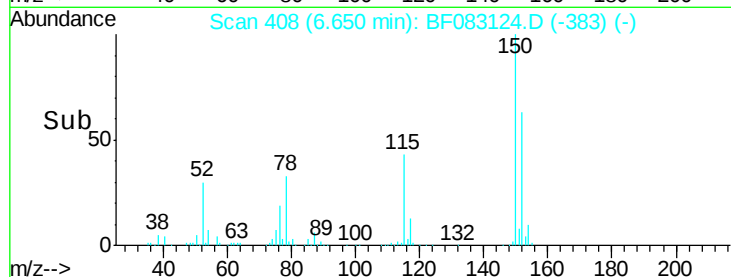
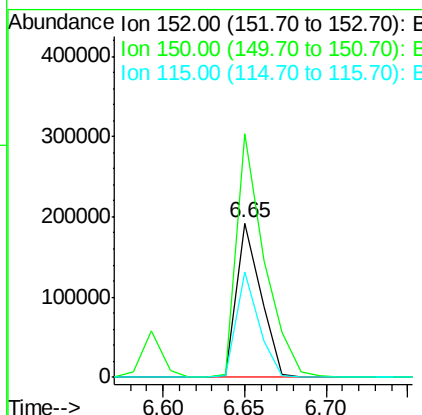
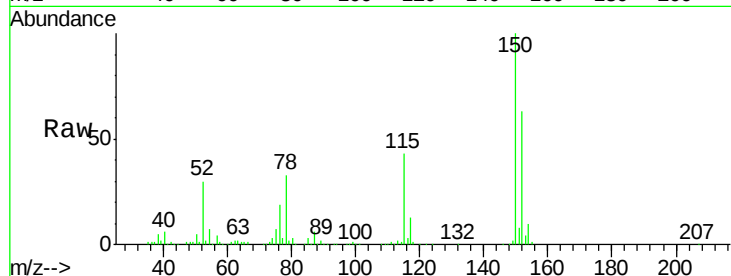
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	196944		
150	158.1	125.8	188.8	
115	68.4	46.9	70.3	

Manual Integrations
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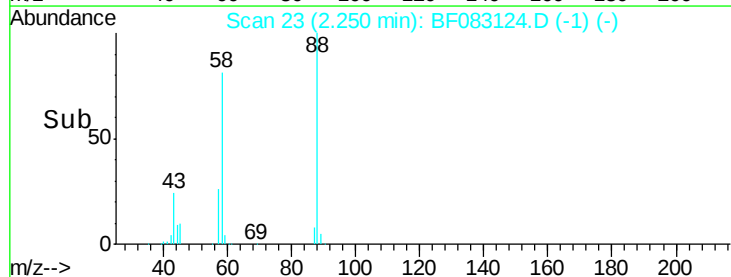
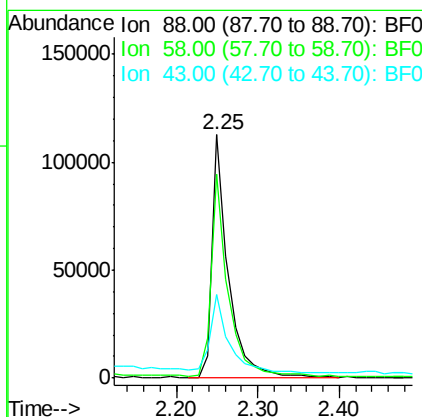
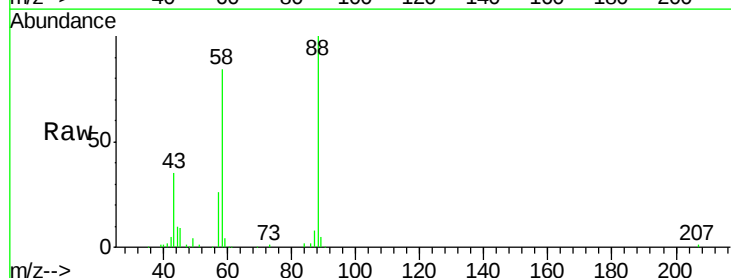
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11/23/2015 7:01:27 PM

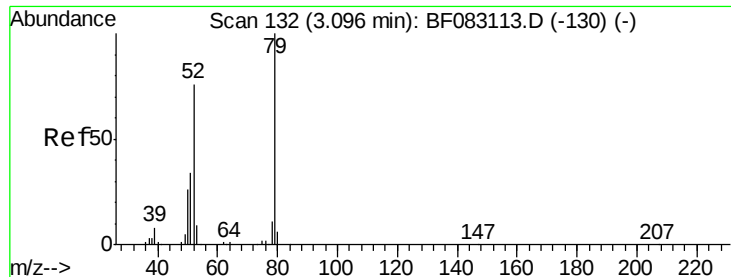


#2

1,4-Dioxane
Concen: 24.65 ng
RT: 2.25 min Scan# 23
Delta R.T. 0.06 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	159039		
58	84.6	65.0	97.6	
43	37.0	24.7	37.1	





#3

Pvridine

Concen: 29.44 ng

RT: 3.00 min Scan# 89

Delta R.T. -0.09 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

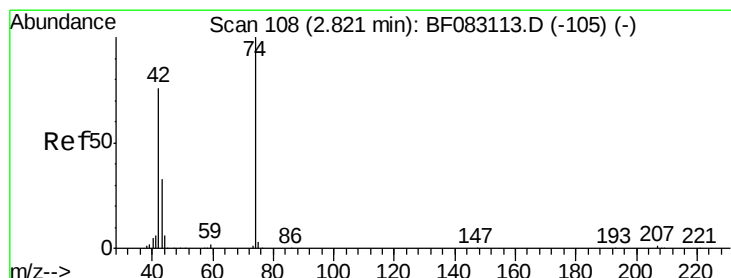
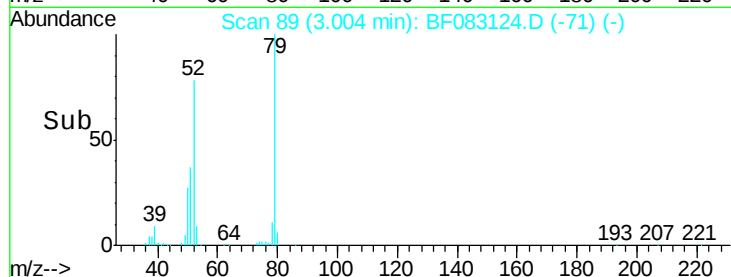
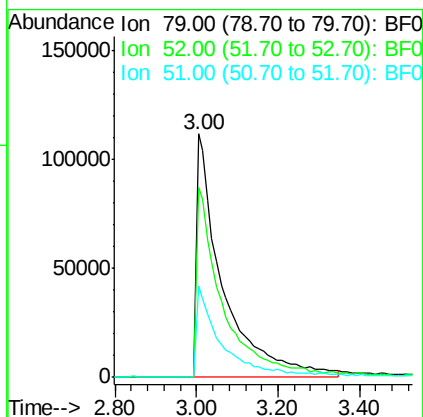
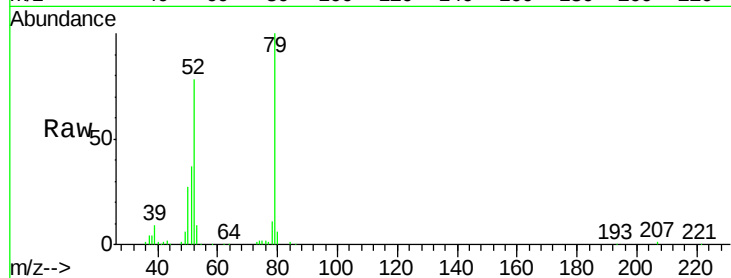
ClientSampleId :

PB86620BSD

Tot Ion:	79	Resp:	501720
Ion Ratio	Lower	Upper	
79	100		
52	78.2	60.7	91.1
51	37.4	27.9	41.9

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#4

n-Nitrosodimethylamine

Concen: 28.80 ng

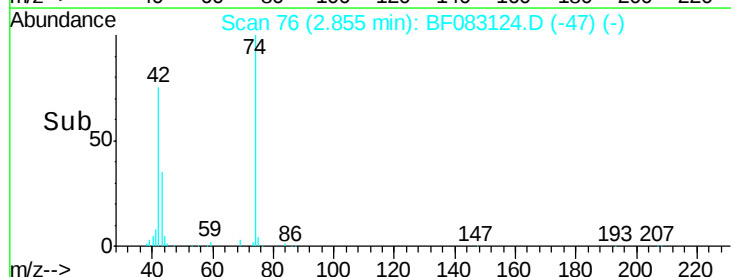
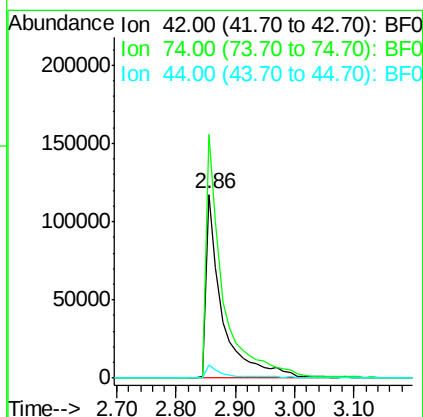
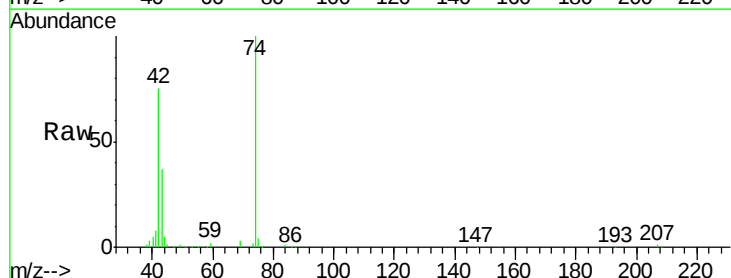
RT: 2.86 min Scan# 76

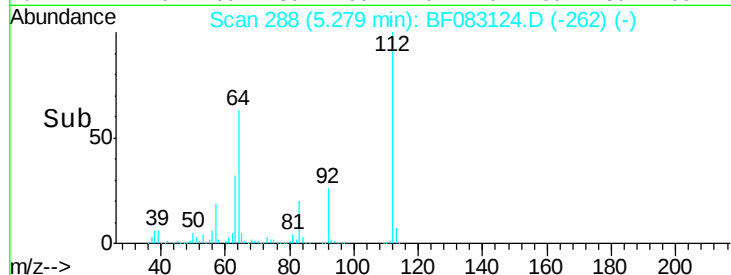
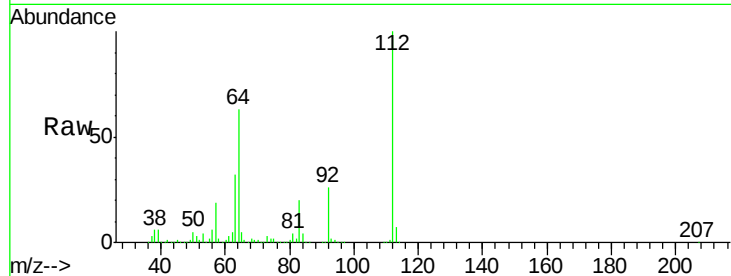
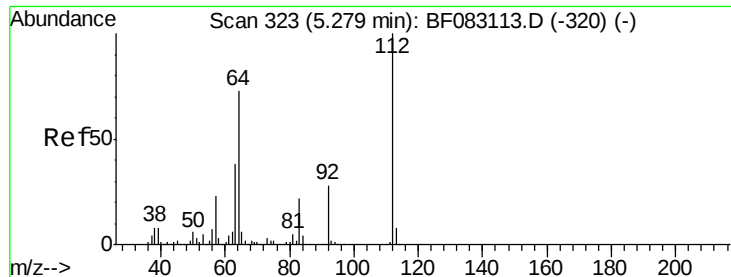
Delta R.T. 0.03 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tgt Ion:	42	Resp:	226406
Ion Ratio	Lower	Upper	
42	100		
74	132.7	104.8	157.2
44	6.9	6.2	9.4





#5

2-Fluorophenol

Concen: 98.02 ng

RT: 5.28 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF083124.D

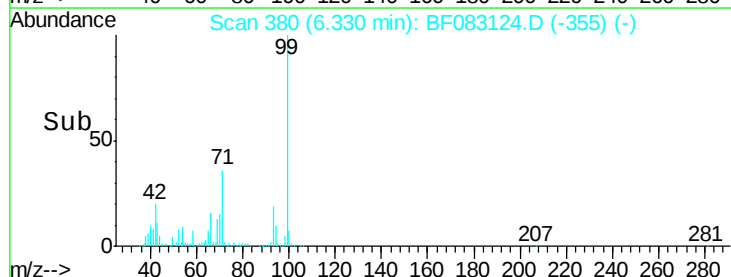
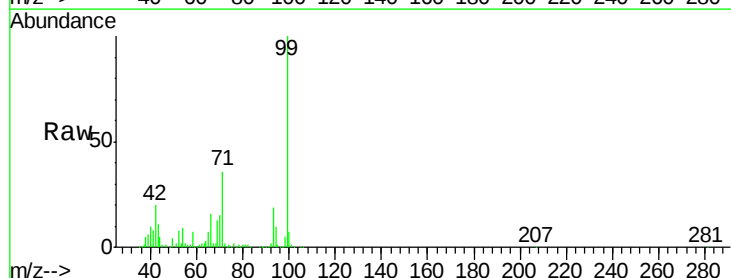
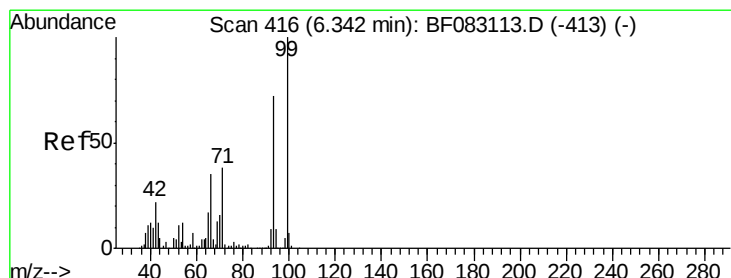
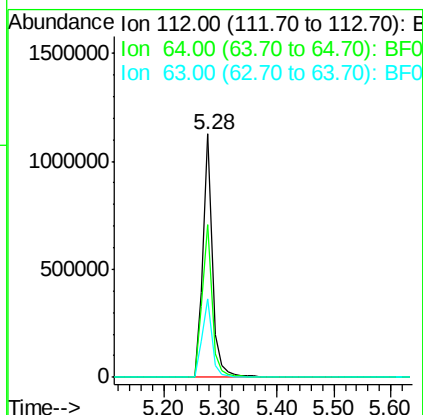
Acq: 21 Nov 2015 21:31

Tot Ion:	112	Resp:	1276898
Ion Ratio	Lower	Upper	
112	100		
64	62.6	58.4	87.6
63	32.4	30.0	45.0

Instrument :
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PB86620BSD

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11/23/2015 7:01:27 PM



#6

Aniline

Concen: 17.67 ng

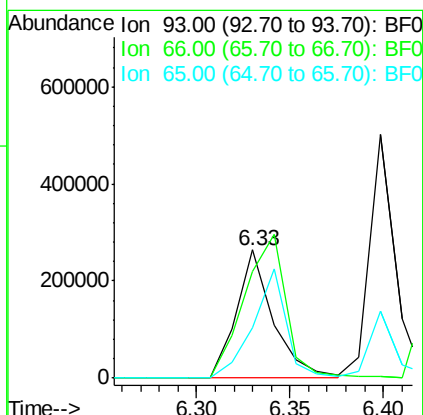
RT: 6.33 min Scan# 380

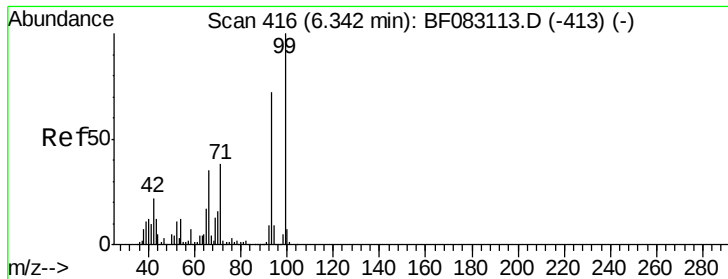
Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tgt Ion:	93	Resp:	364006
Ion Ratio	Lower	Upper	
93	100		
66	83.3	38.7	58.1#
65	39.4	18.6	27.8#





#7

Phenol-d6

Concen: 96.17 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

Tot Ion: 99 Resp: 1620876

Ion Ratio Lower Upper

99 100

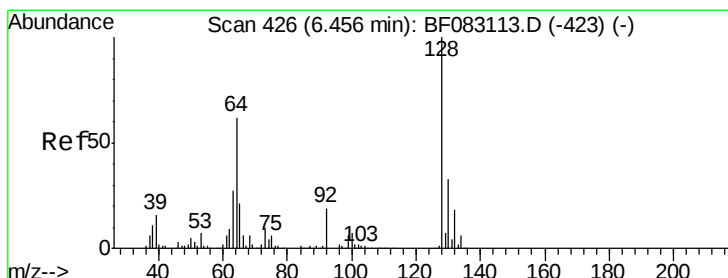
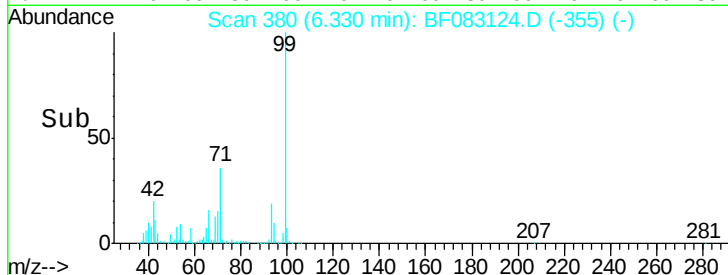
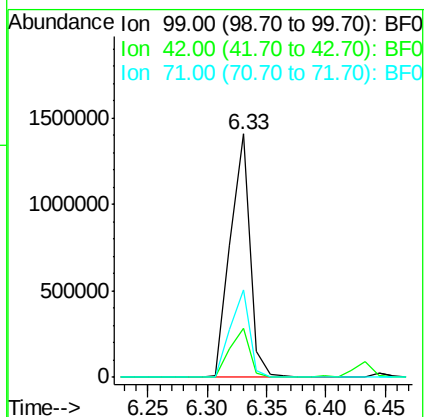
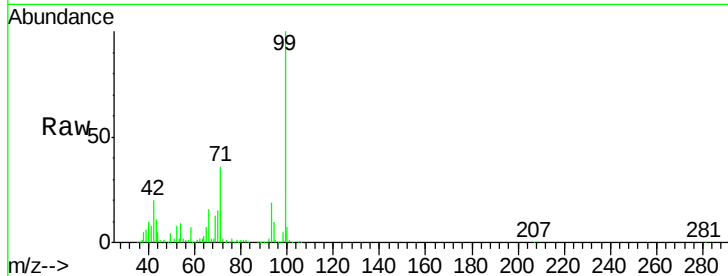
42 20.2 17.7 26.5

71 36.0 30.2 45.4

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#8

2-Chlorophenol

Concen: 30.49 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

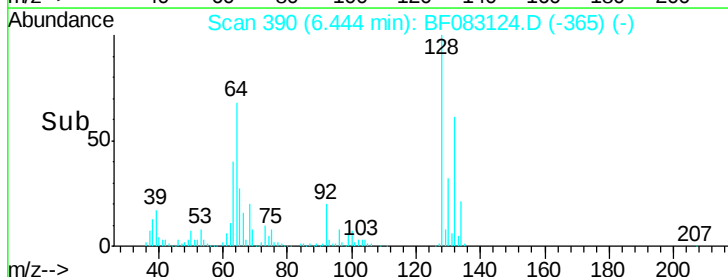
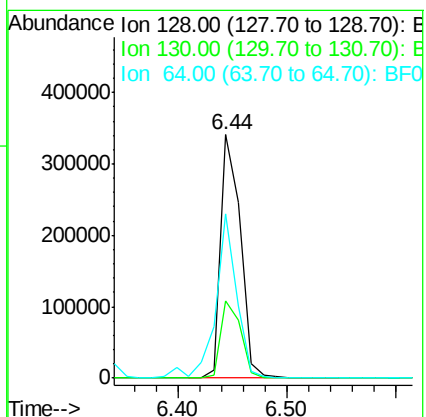
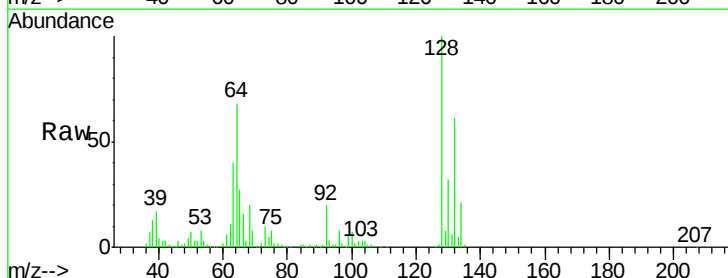
Tgt Ion: 128 Resp: 429098

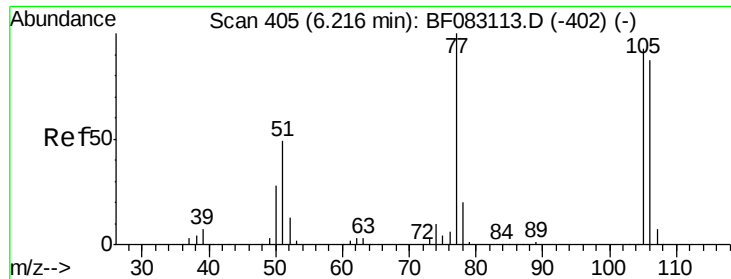
Ion Ratio Lower Upper

128 100

130 31.8 12.6 52.6

64 67.6 41.9 81.9





#9

Benzaldehyde

Concen: 31.81 ng

RT: 6.20 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

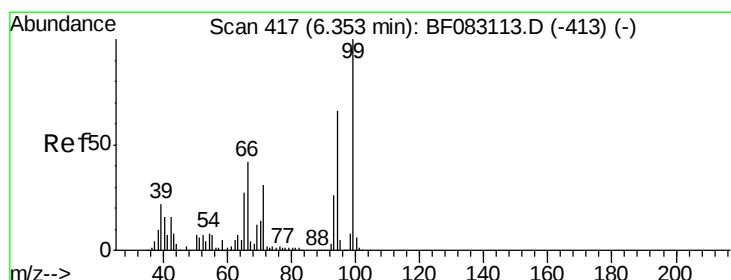
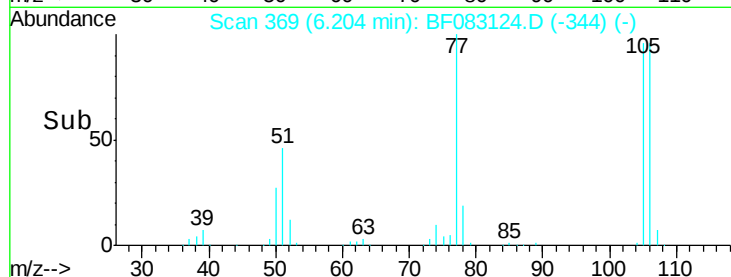
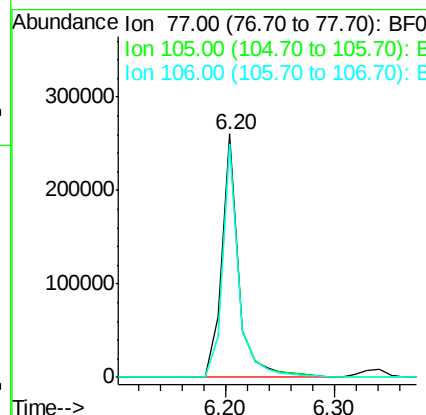
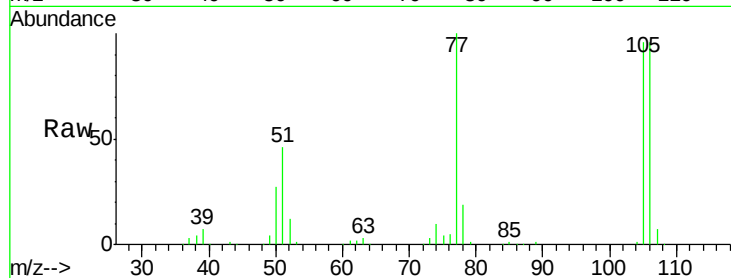
ClientSampleId :

PB86620BSD

Tot Ion:	77	Resp:	285299
Ion	Ratio	Lower	Upper
77	100		
105	95.6	73.4	113.4
106	95.7	67.5	107.5

Manual Integrations
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#10

Phenol

Concen: 32.53 ng

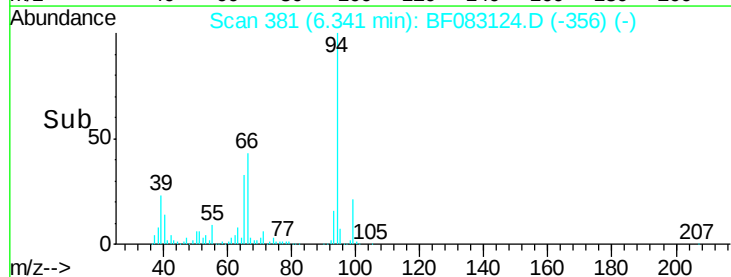
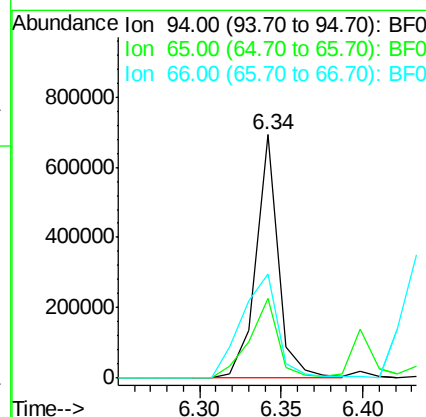
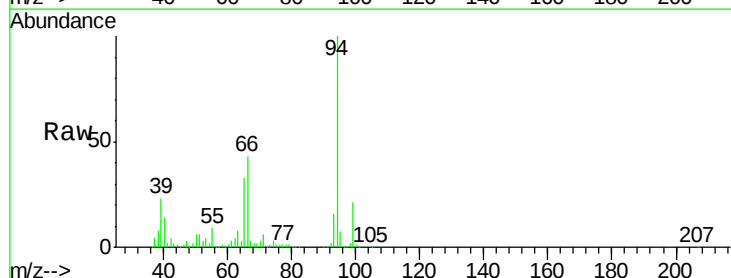
RT: 6.34 min Scan# 381

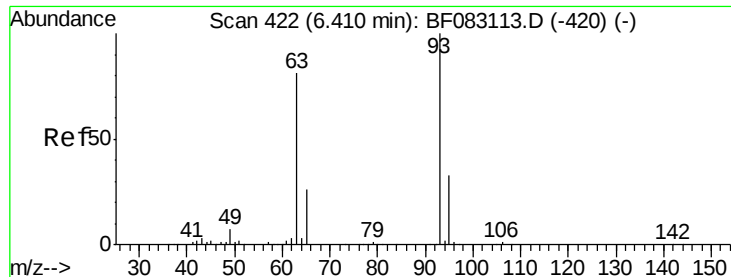
Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tgt Ion:	94	Resp:	663276
Ion	Ratio	Lower	Upper
94	100		
65	32.7	21.1	61.1
66	42.8	43.1	83.1#





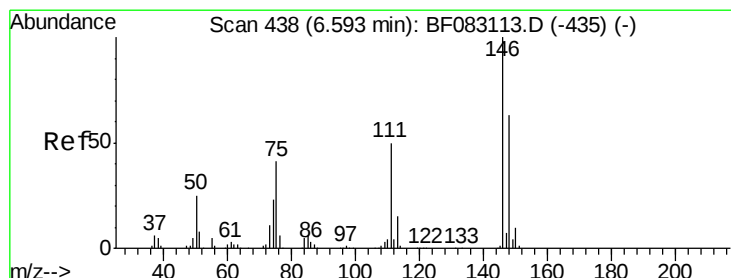
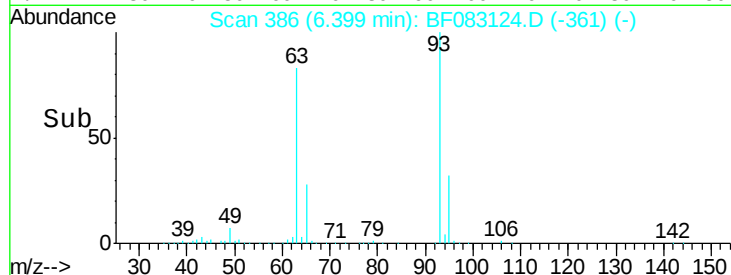
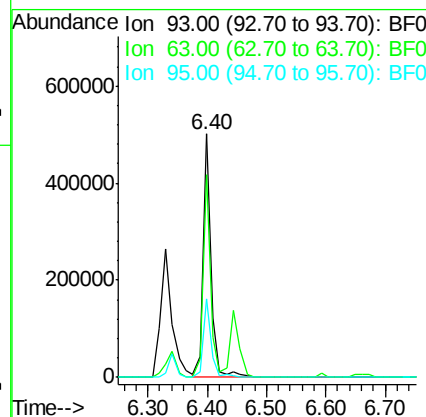
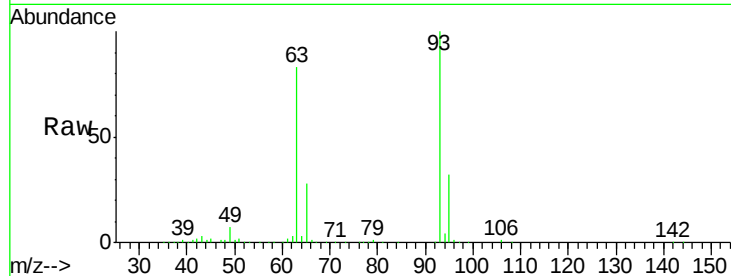
#11
bis(2-Chloroethyl)ether
Concen: 33.27 ng
RT: 6.40 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.0	59.8	99.8
95	32.5	13.0	53.0

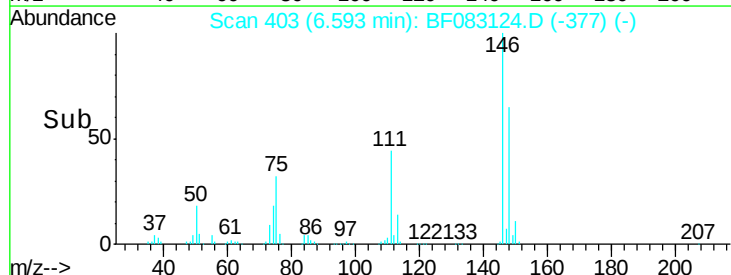
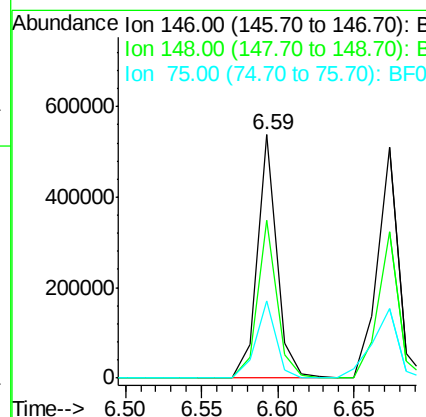
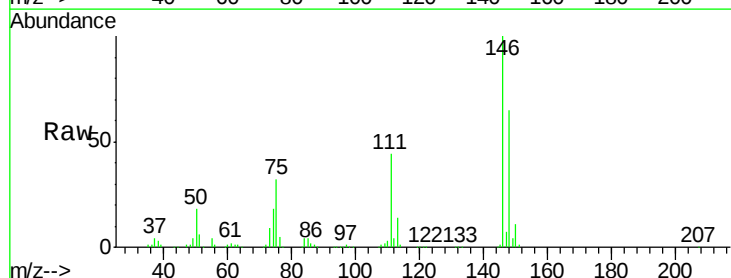
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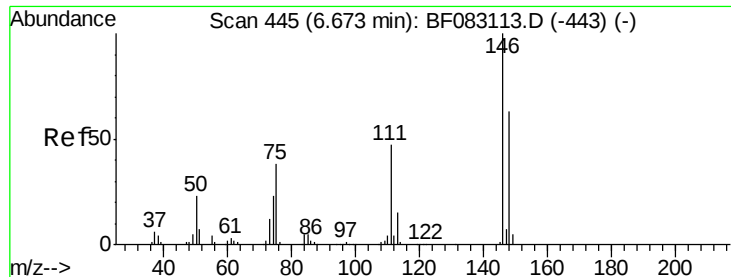
Mmdadoda
11/23/2015 7:01:27 PM



#12
1,3-Dichlorobenzene
Concen: 29.99 ng m
RT: 6.59 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.2	75.2
75	31.9	32.7	49.1#





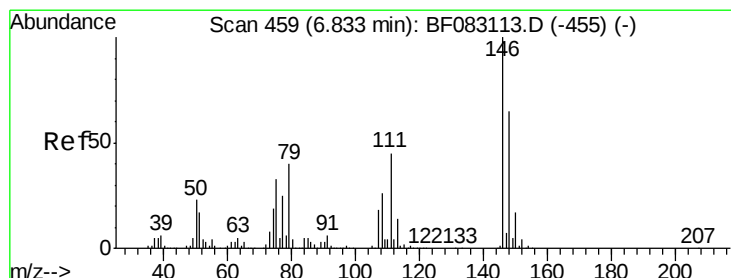
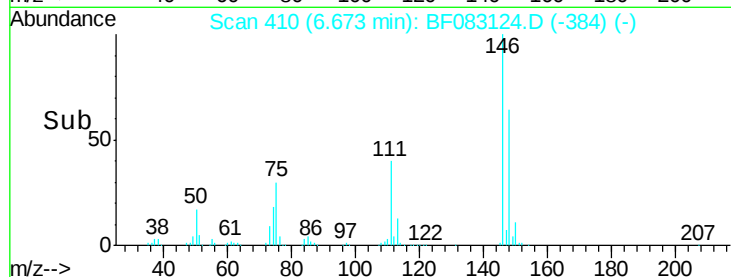
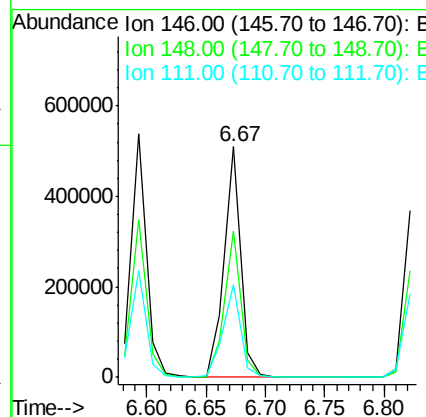
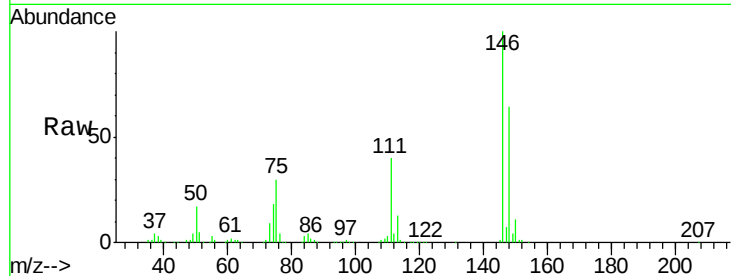
#13
 1,4-Dichlorobenzene
 Concen: 30.11 ng
 RT: 6.67 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	489406		
148	63.6	50.2	75.2	
111	40.0	37.5	56.3	

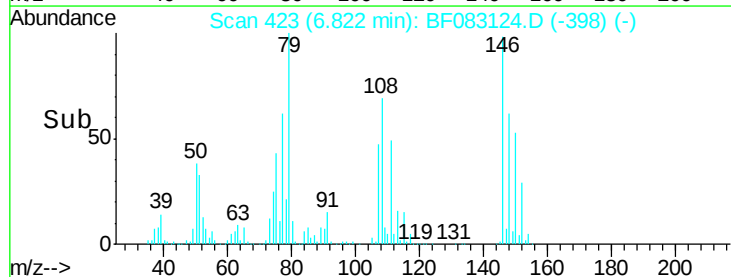
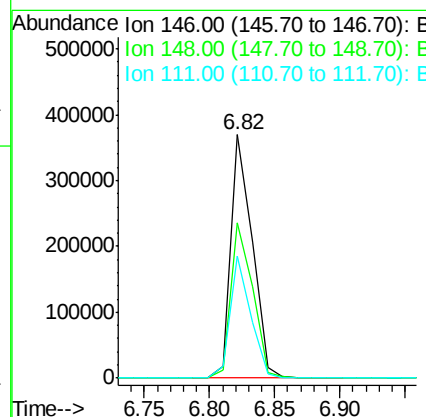
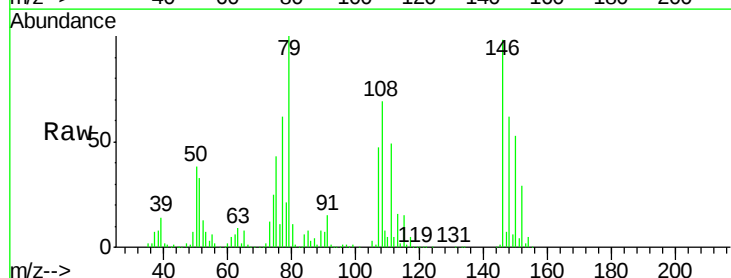
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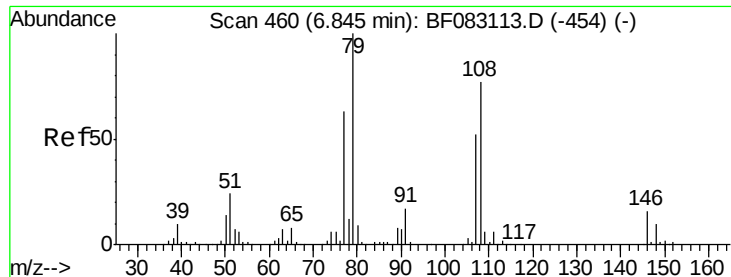
Mmdadoda
 11/23/2015 7:01:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 28.57 ng
 RT: 6.82 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	422168		
148	63.6	51.8	77.6	
111	49.9	36.2	54.4	





#15

Benzyl Alcohol

Concen: 30.49 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

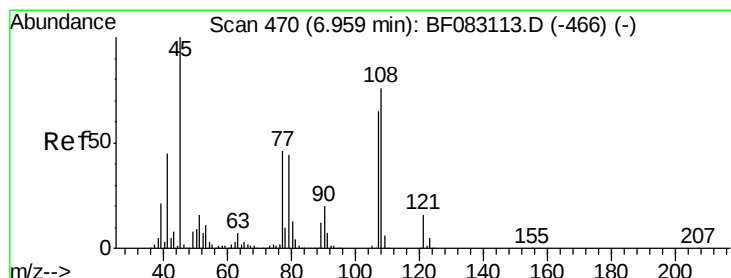
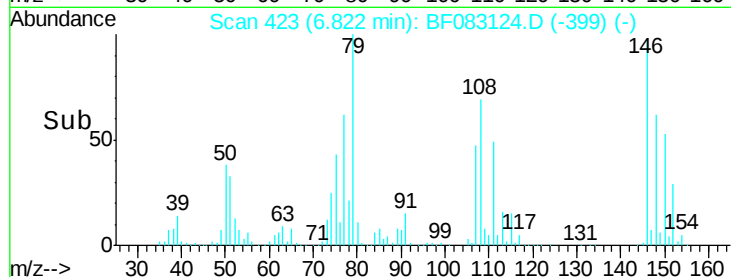
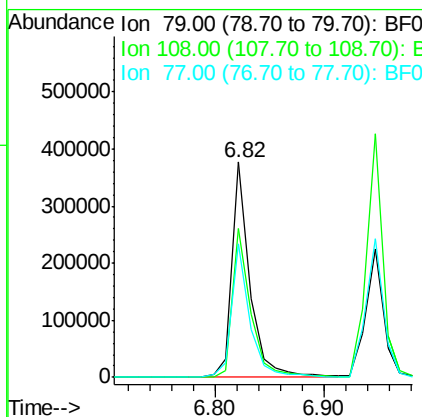
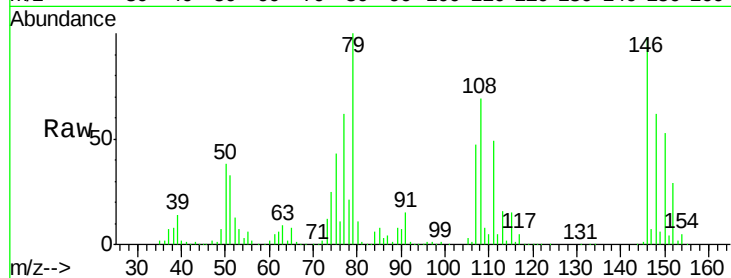
ClientSampleId :

PB86620BSD

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Tot Ion:	79	Resp:	429378
Ion Ratio	Lower	Upper	
79	100		
108	69.2	61.4	92.2
77	62.2	50.5	75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.96 ng

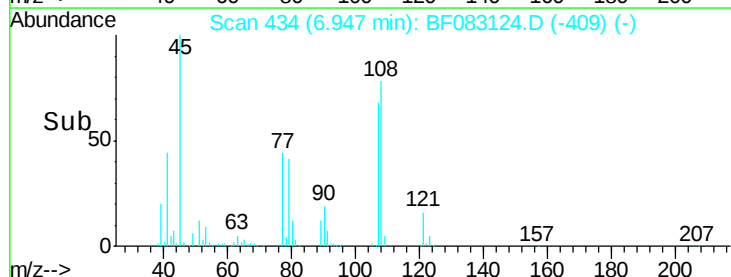
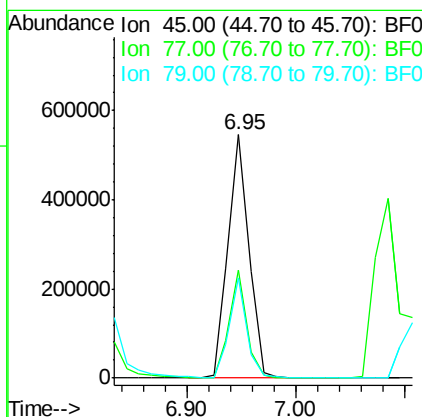
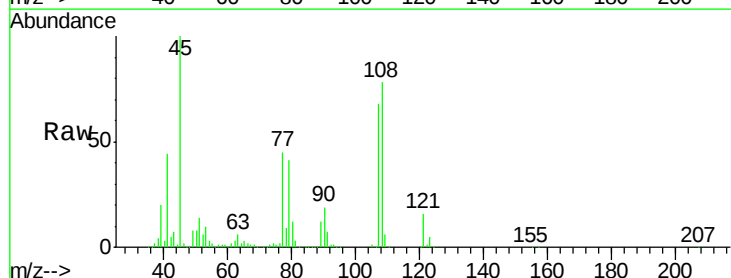
RT: 6.95 min Scan# 434

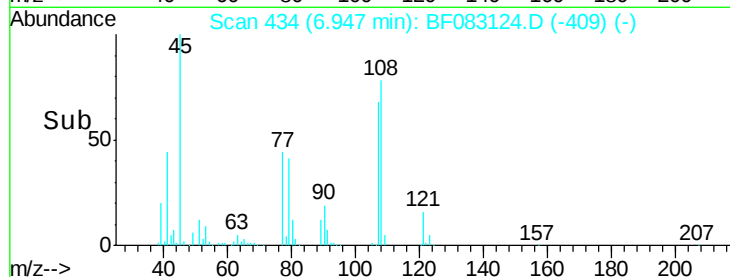
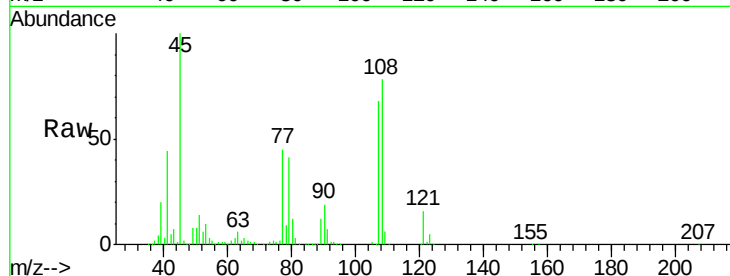
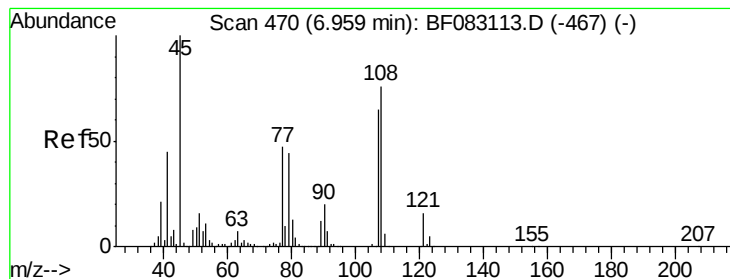
Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tgt Ion:	45	Resp:	725521
Ion Ratio	Lower	Upper	
45	100		
77	44.5	26.7	66.7
79	41.3	24.3	64.3





#17

2-Methylphenol

Concen: 32.86 ng

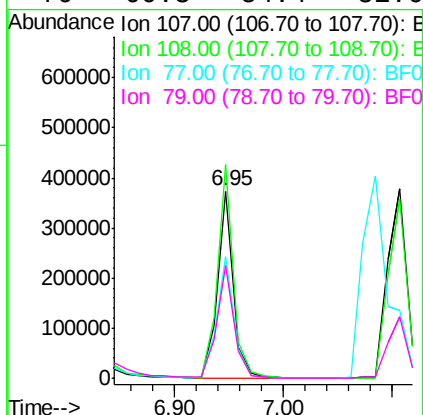
RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tot Ion	107	Resp	382710
Ion Ratio	Lower	Upper	
107	100		
108	114.0	93.8	140.6
77	65.0	57.4	86.0
79	60.3	54.4	81.6



Instrument :

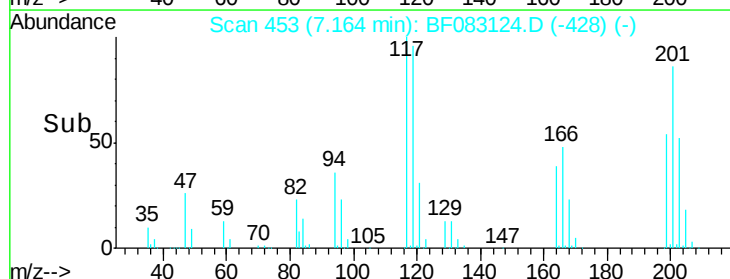
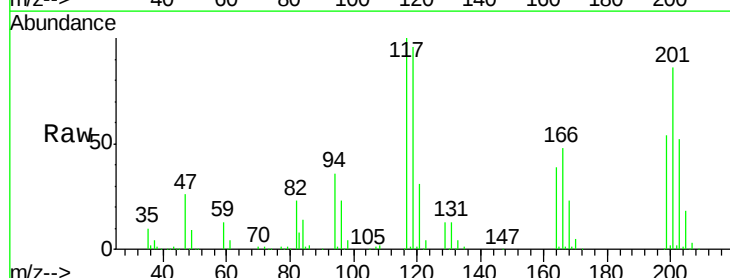
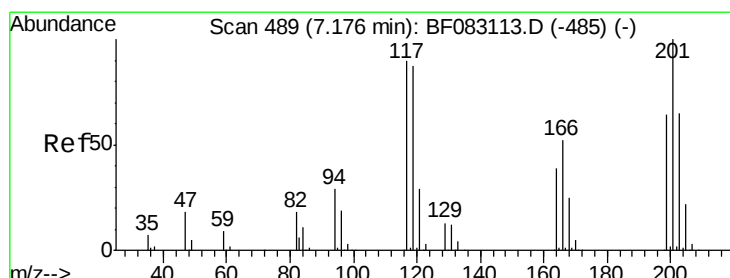
BNA_F

ClientSampleId :

PB86620BSD

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#18

Hexachloroethane

Concen: 29.09 ng

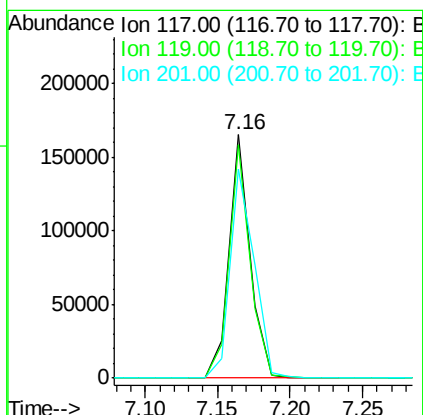
RT: 7.16 min Scan# 453

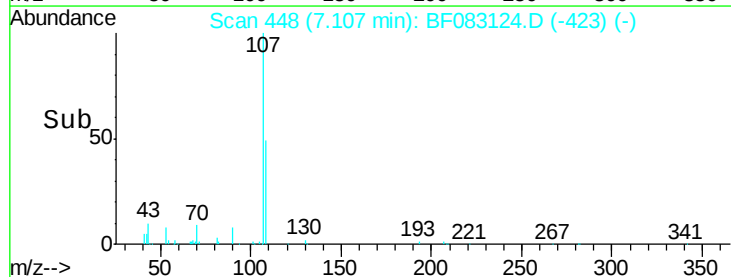
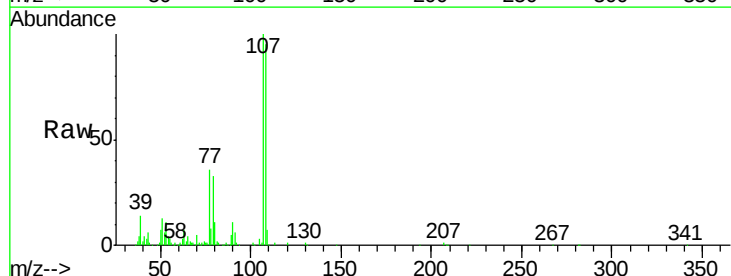
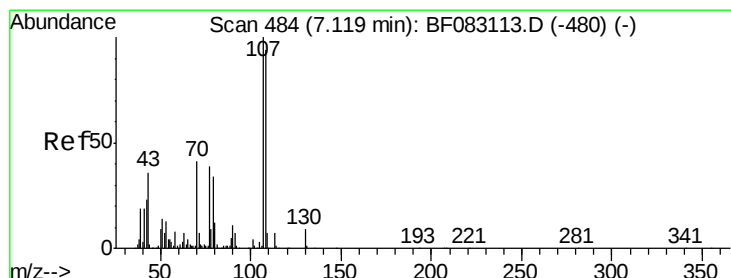
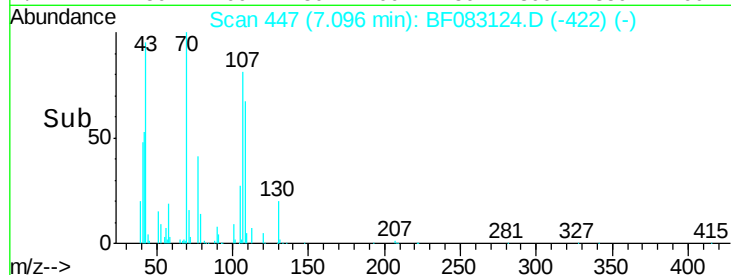
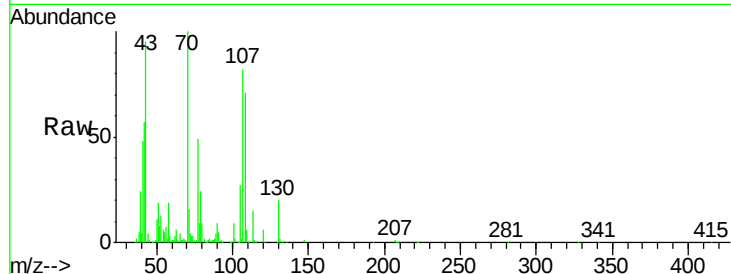
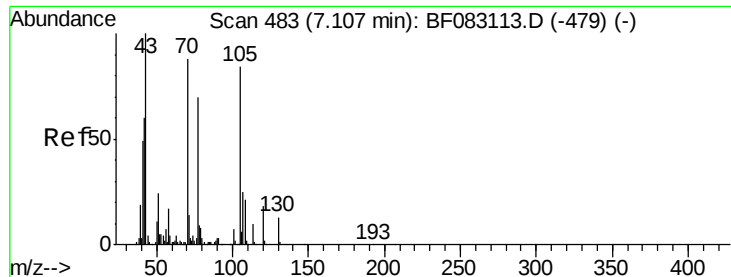
Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tgt Ion	117	Resp	166563
Ion Ratio	Lower	Upper	
117	100		
119	96.0	76.8	115.2
201	85.7	88.6	133.0#





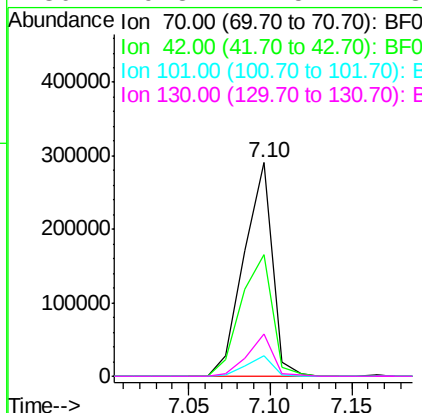
#19
n-Nitroso-di-n-propylamine
Concen: 30.02 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.1	54.5	81.7		
101	9.3	6.6	9.8		
130	19.8	11.5	17.3		

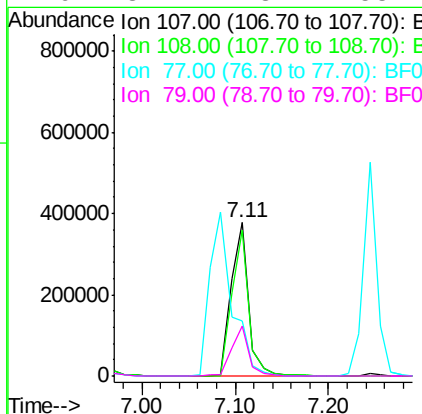
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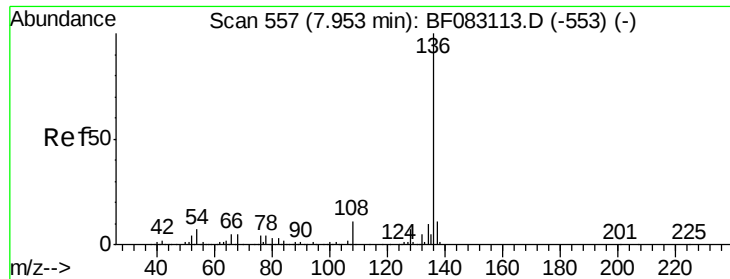
Mmdadoda
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#20
3+4-Methylphenols
Concen: 33.34 ng
RT: 7.11 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	95.0	73.8	113.8		
77	35.9	19.1	59.1		
79	32.7	13.7	53.7		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

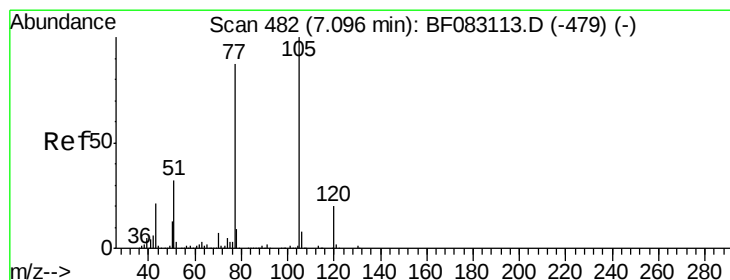
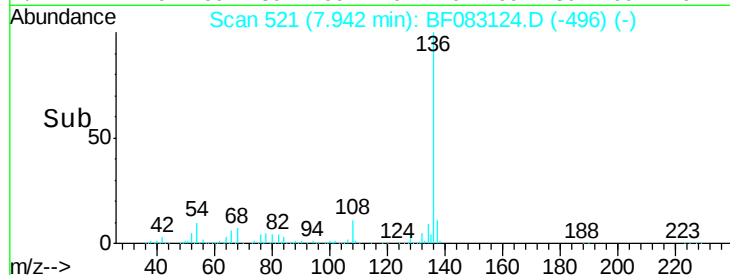
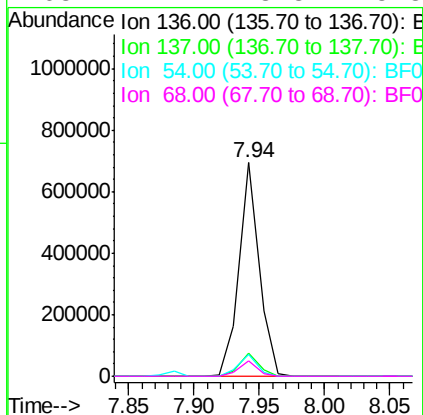
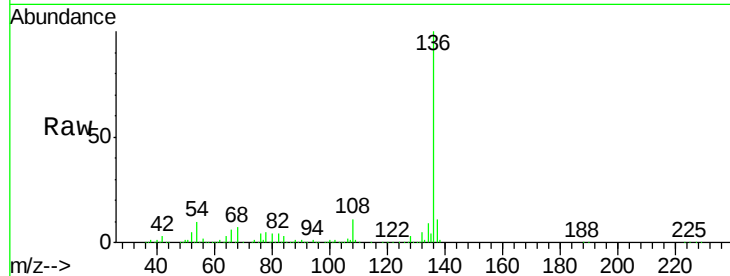
ClientSampleId :

PB86620BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		741833		
137	10.9	8.7	13.1		
54	10.1	5.8	8.6#		
68	7.2	3.8	5.8#		

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#22

Acetophenone

Concen: 29.24 ng

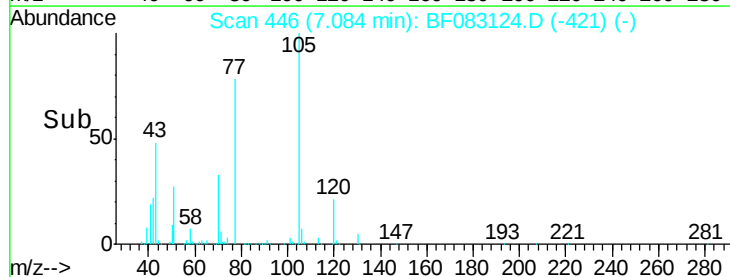
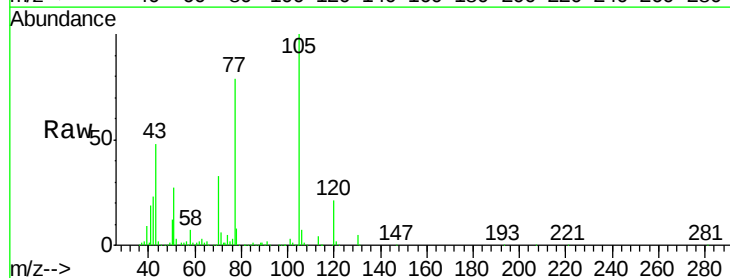
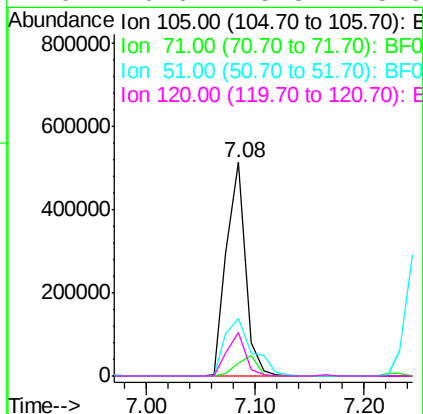
RT: 7.08 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		622774		
71	5.8	1.0	1.4#		
51	27.0	25.6	38.4		
120	20.6	15.8	23.6		





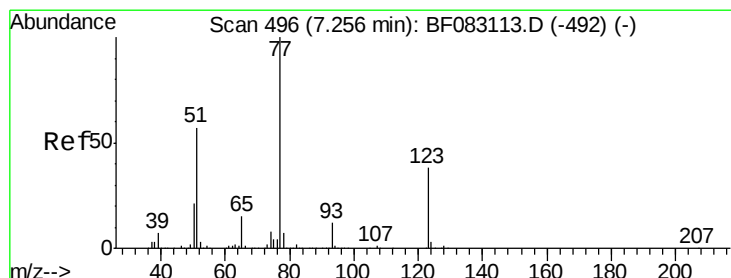
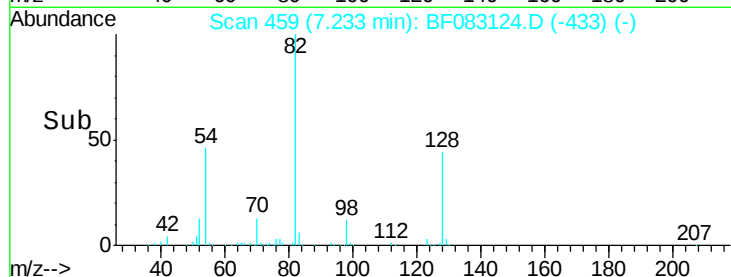
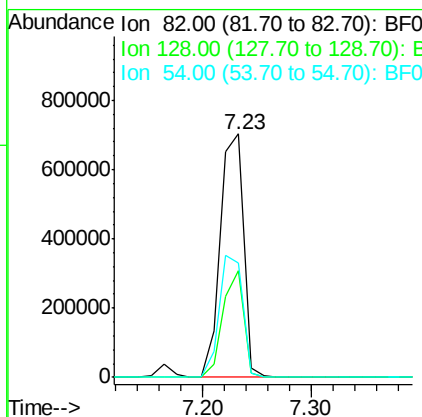
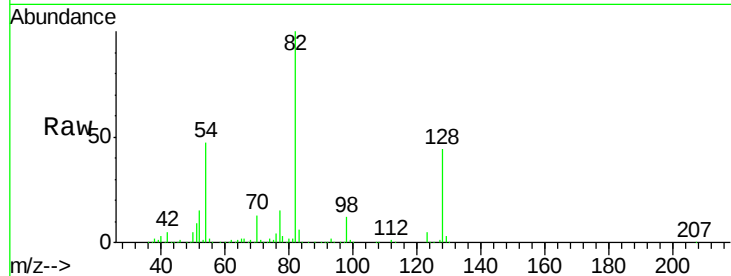
#23
 Nitrobenzene-d5
 Concen: 64.21 ng
 RT: 7.23 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	28.5	42.7#
54	46.7	44.6	67.0

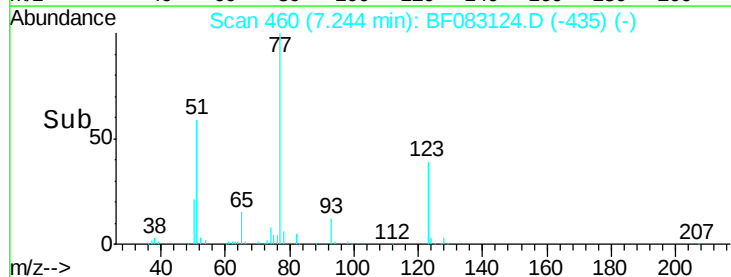
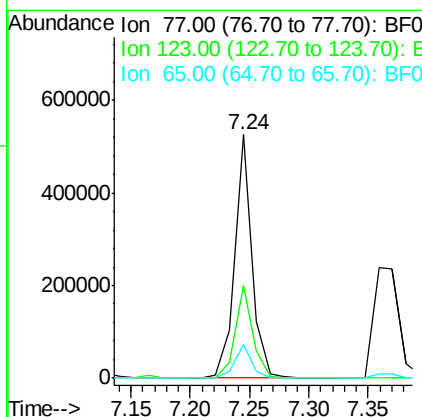
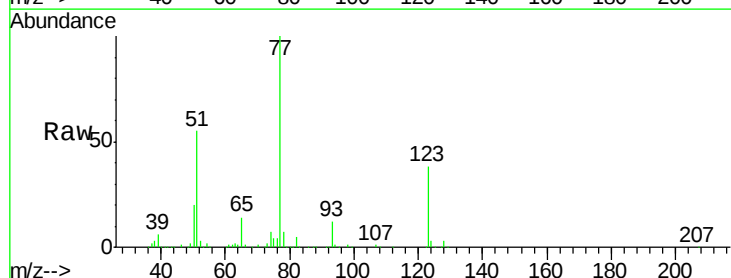
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#24
 Nitrobenzene
 Concen: 30.32 ng
 RT: 7.24 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.9	30.1	45.1
65	13.9	11.6	17.4





#25

Isophorone

Concen: 29.53 ng

RT: 7.51 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

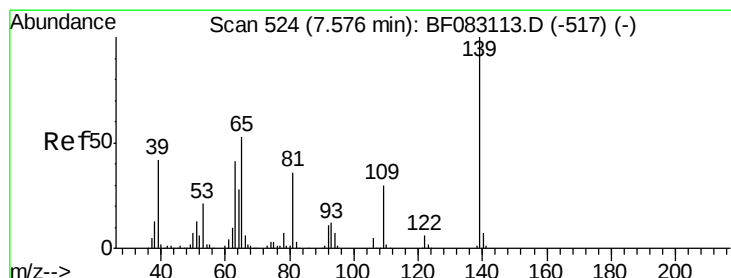
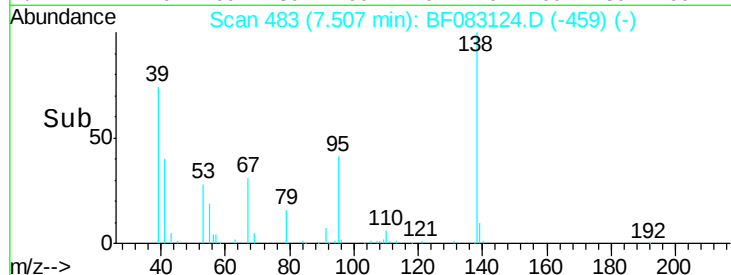
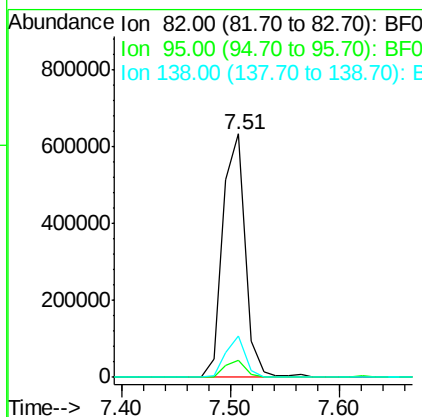
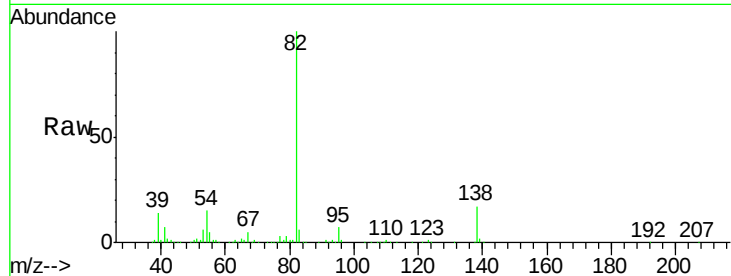
ClientSampleId :

PB86620BSD

Tot Ion:	82	Resp:	907725
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.8
138	17.1	11.6	17.4

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#26

2-Nitrophenol

Concen: 29.54 ng

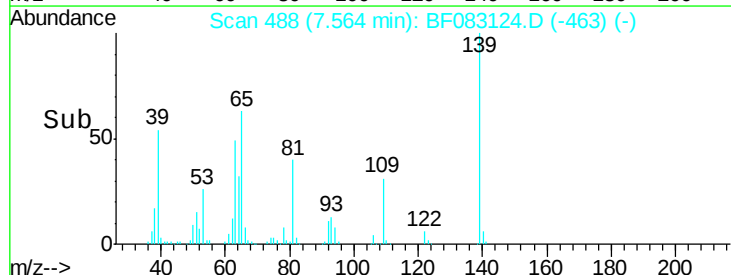
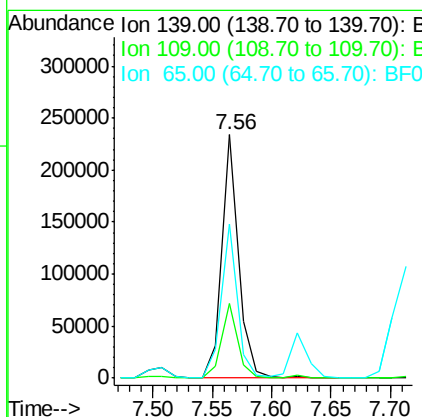
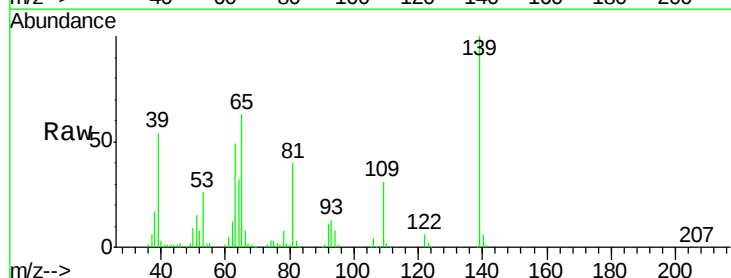
RT: 7.56 min Scan# 488

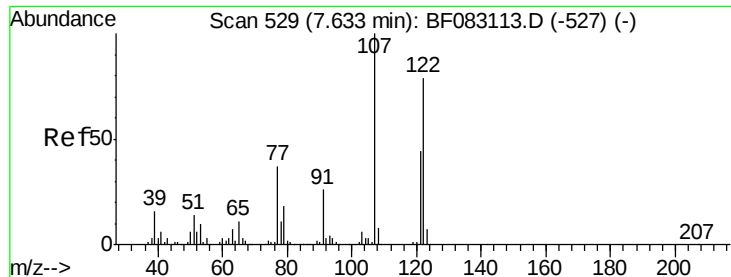
Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tgt Ion:	139	Resp:	226224
Ion Ratio	Lower	Upper	
139	100		
109	30.7	23.9	35.9
65	63.2	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 30.18 ng

RT: 7.62 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

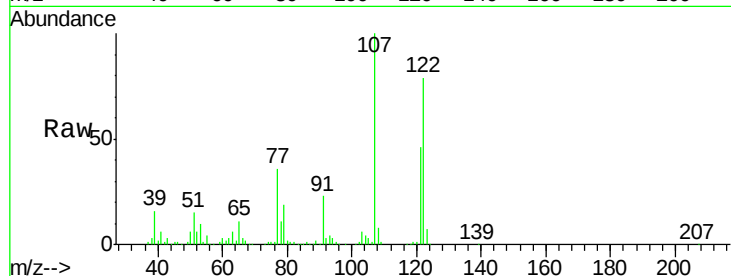
ClientSampleId :

PB86620BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	126.0	101.1	151.7		
121	58.2	44.9	67.3		

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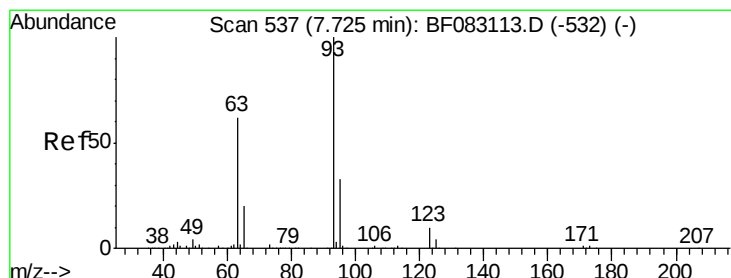
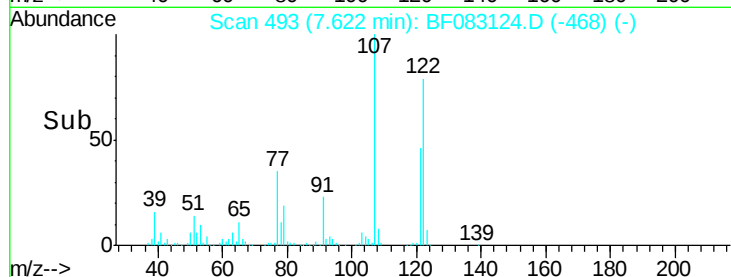
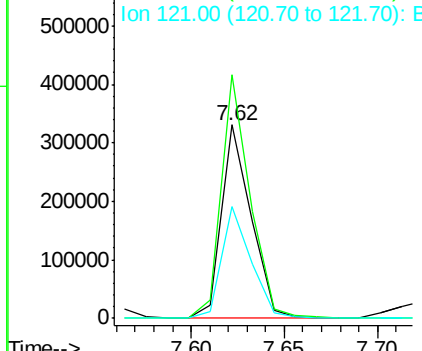


Abundance

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: 31.88 ng

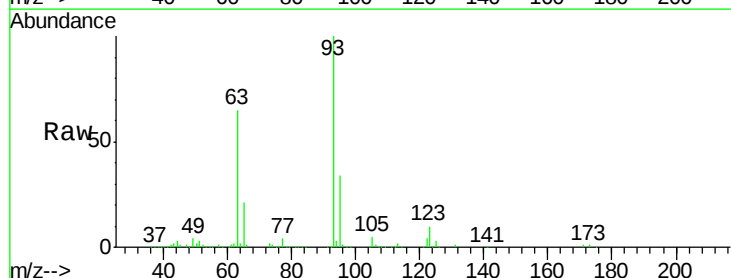
RT: 7.71 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.6	26.5	39.7		
123	10.1	8.1	12.1		

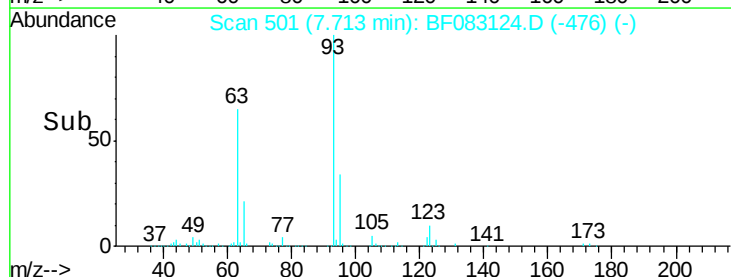
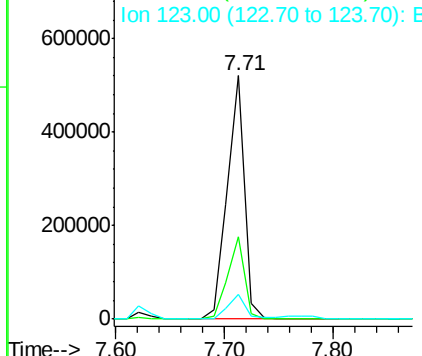


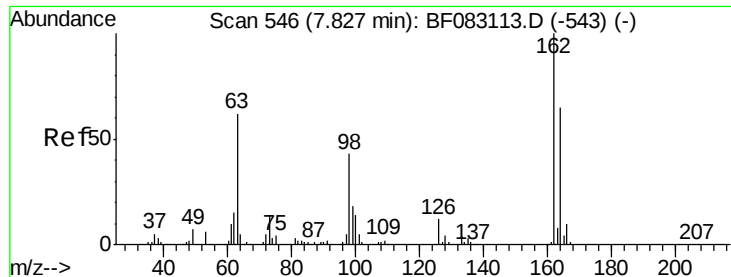
Abundance

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





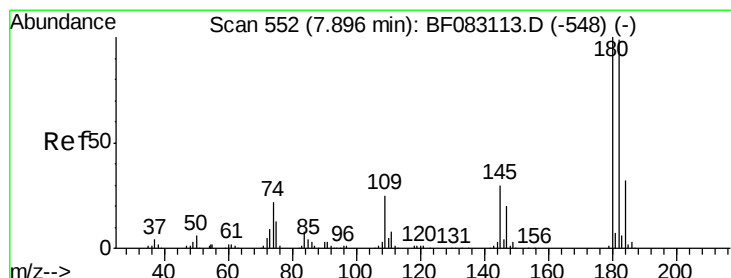
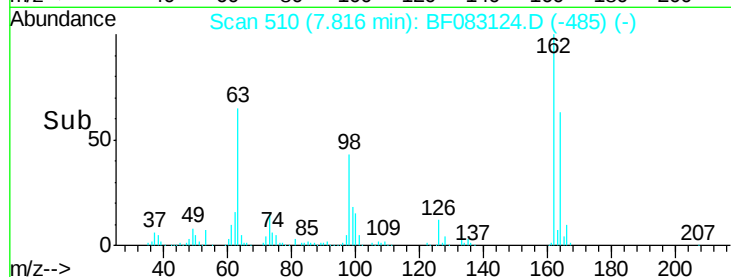
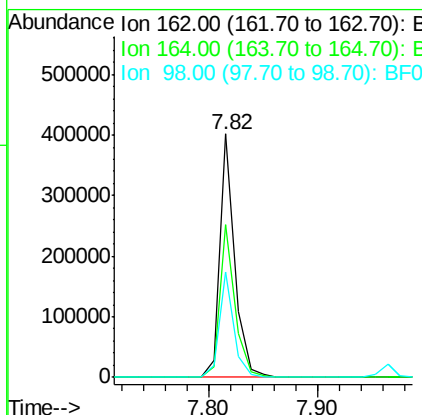
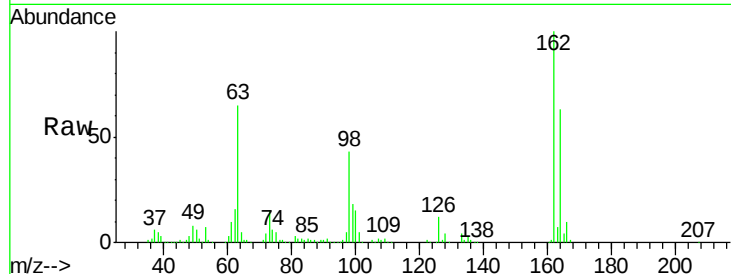
#29
2,4-Dichlorophenol
Concen: 32.98 ng
RT: 7.82 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	383386		
164	63.0	44.8	84.8	
98	43.3	23.1	63.1	

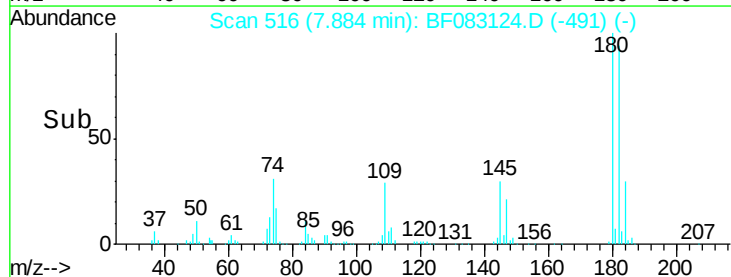
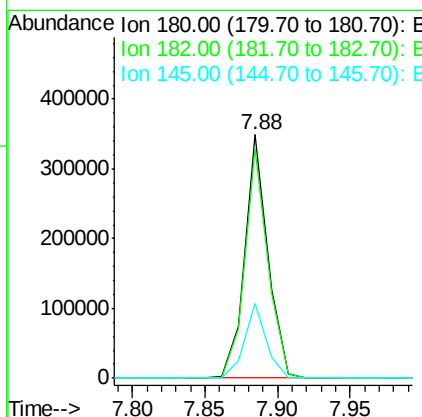
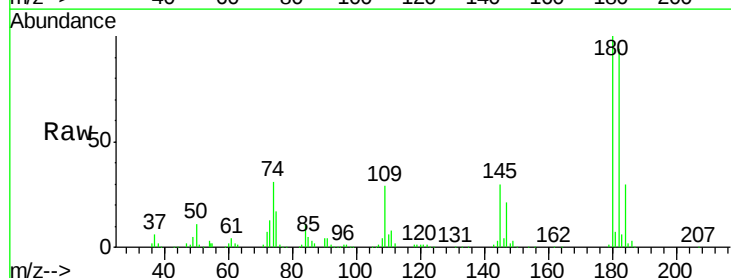
Manual Integrations
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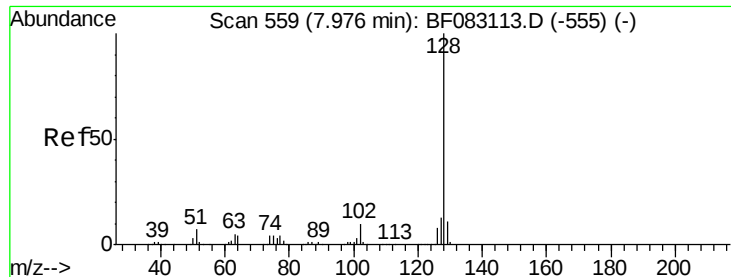
Mmdadoda
11/23/2015 7:01:27 PM



#30
1,2,4-Trichlorobenzene
Concen: 30.01 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	383150		
182	94.0	79.0	118.6	
145	30.5	24.2	36.2	





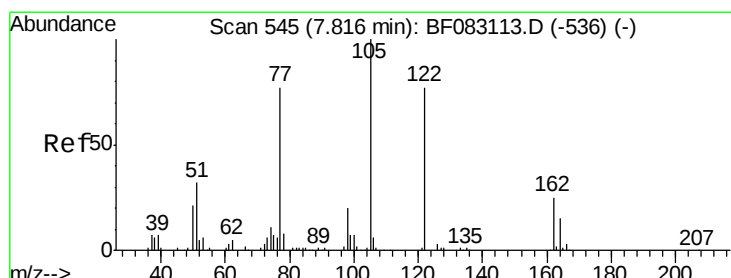
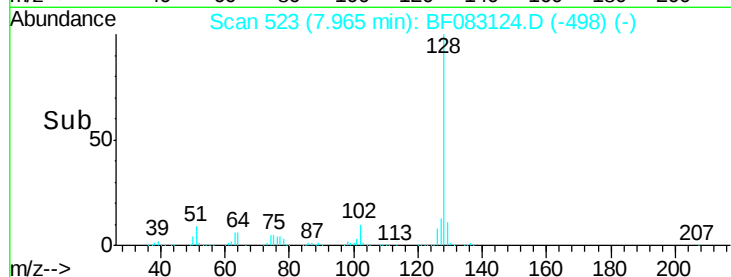
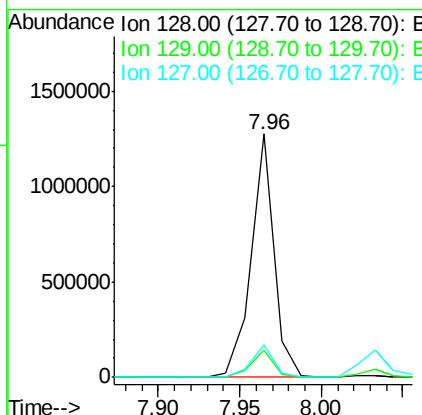
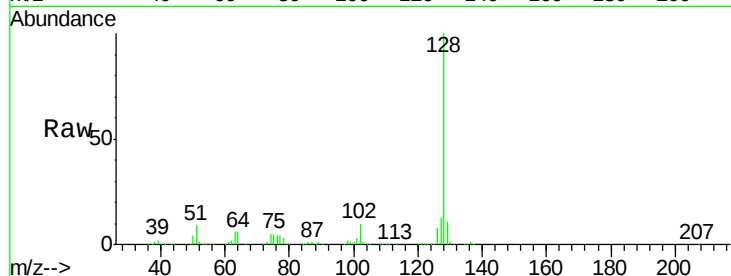
#31
Naphthalene
Concen: 30.99 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.4	10.6	15.8

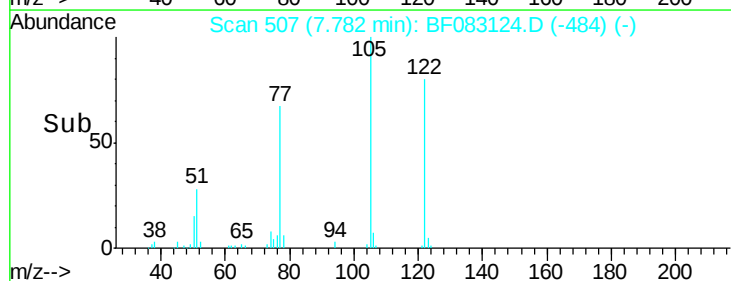
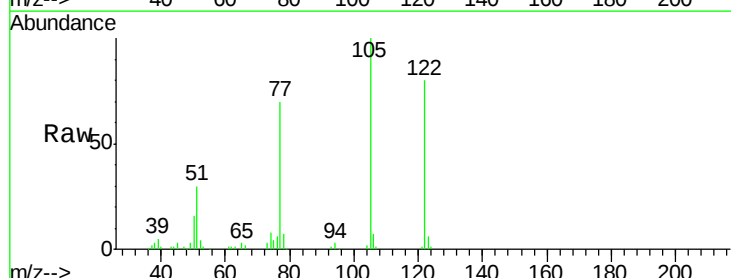
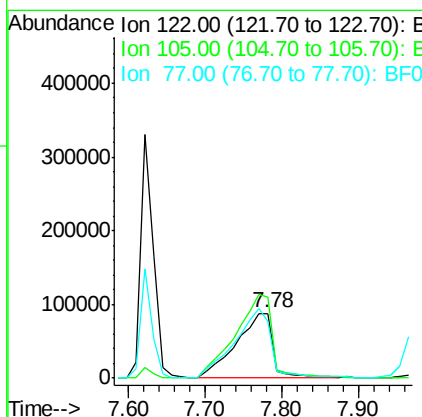
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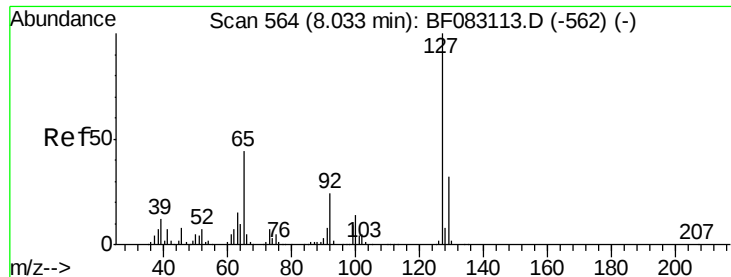
Mmdadoda
11/23/2015 7:01:27 PM



#32
Benzoic acid
Concen: 30.37 ng
RT: 7.78 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	109.7	149.7
77	87.7	79.7	119.7





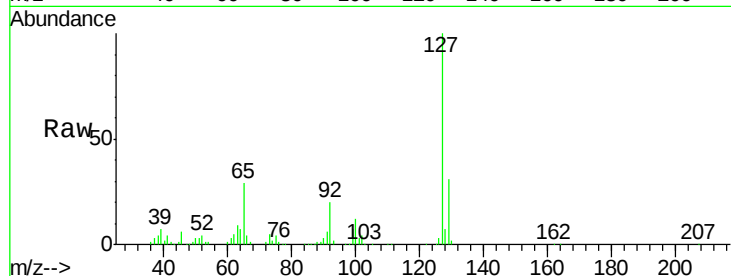
#33
4-Chloroaniline
Concen: 12.42 ng
RT: 8.03 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

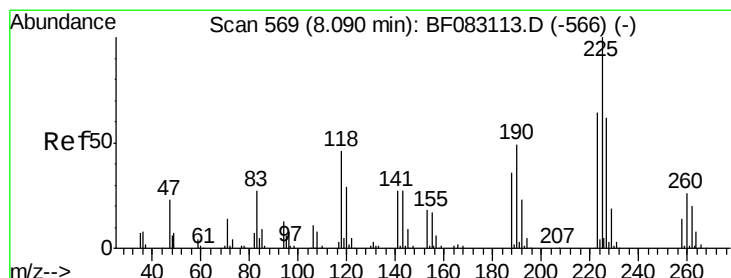
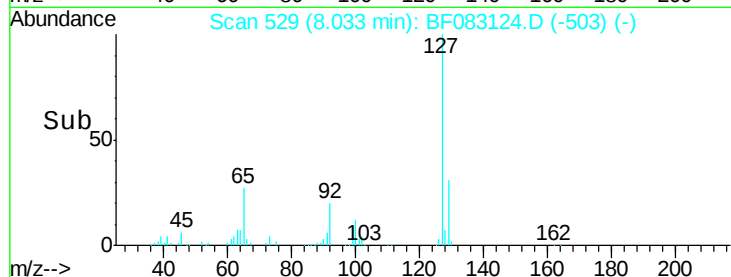
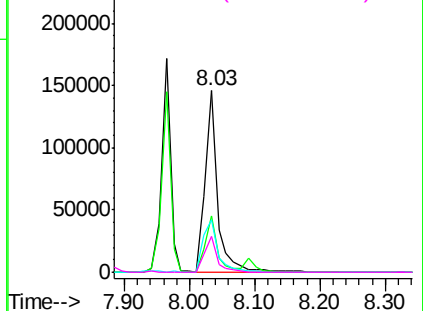
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.7	38.5		
65	29.1	35.5	53.3		
92	19.8	19.4	29.2		

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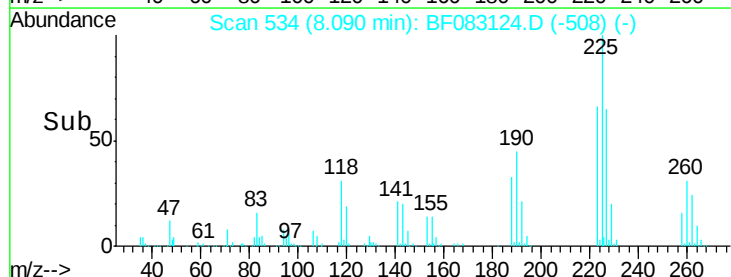
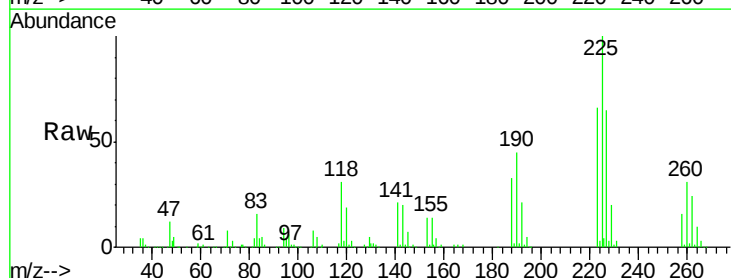
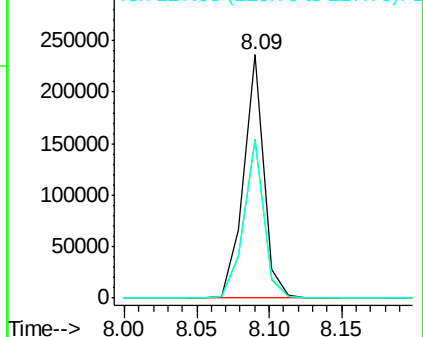
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 30.54 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.5	51.3	76.9		
227	64.7	49.8	74.8		

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





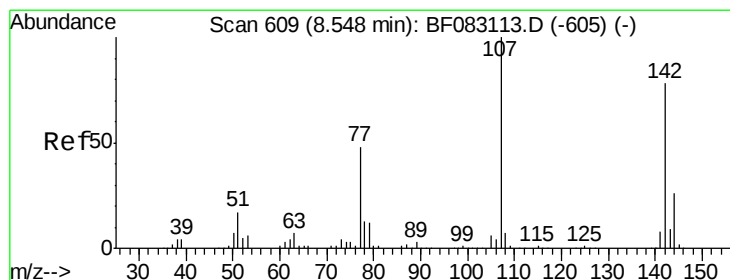
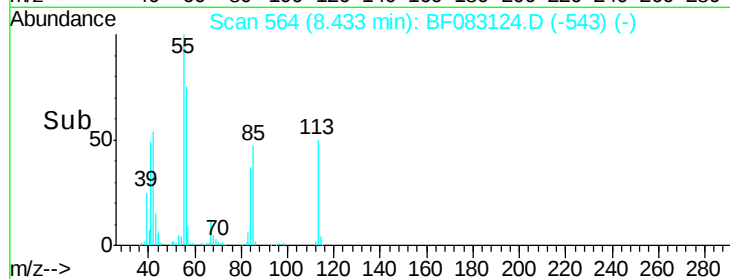
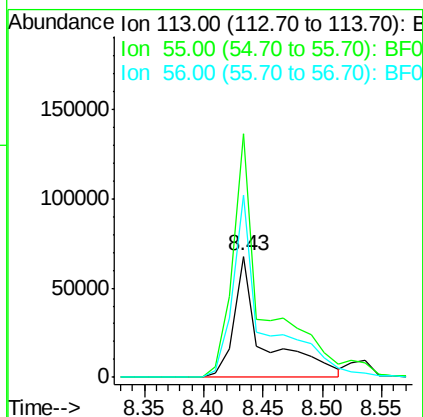
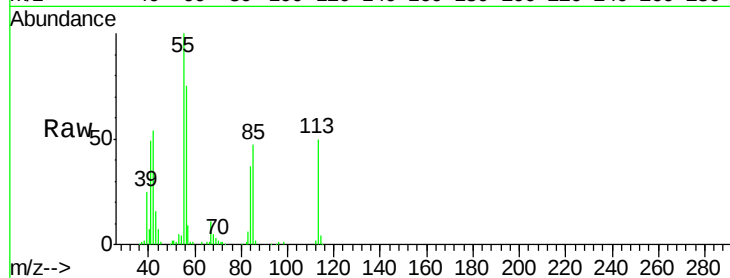
#35
Caprolactam
Concen: 31.83 ng
RT: 8.43 min Scan# 564
Delta R.T. -0.06 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	201.3	192.6	232.6
56	151.0	148.6	188.6

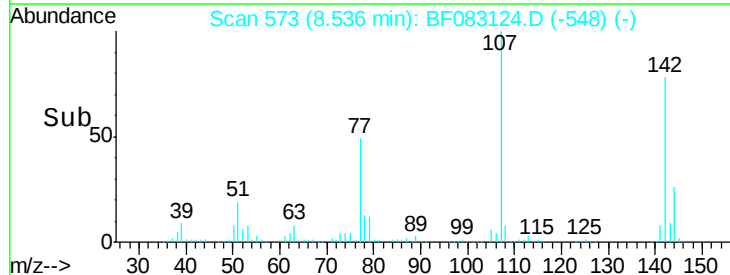
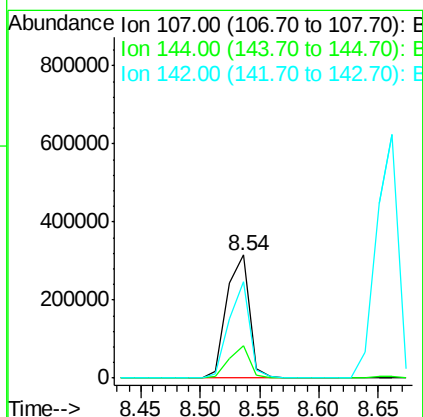
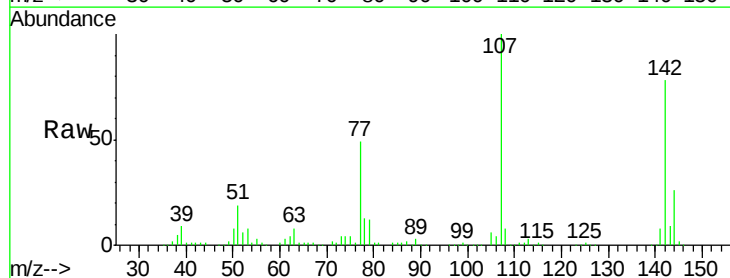
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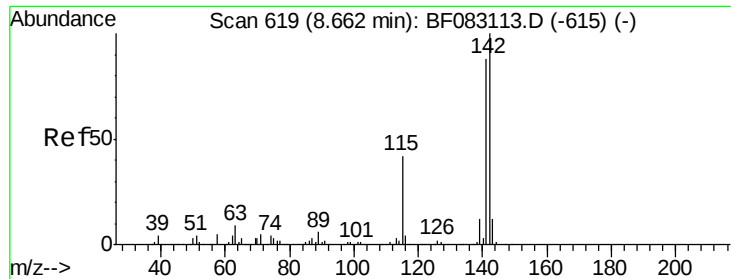
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#36
4-Chloro-3-methylphenol
Concen: 31.14 ng
RT: 8.54 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.8	31.2
142	78.1	62.1	93.1





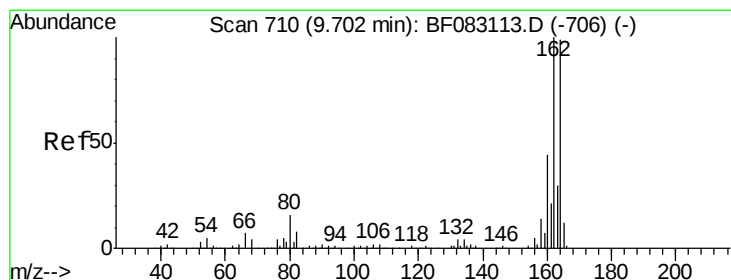
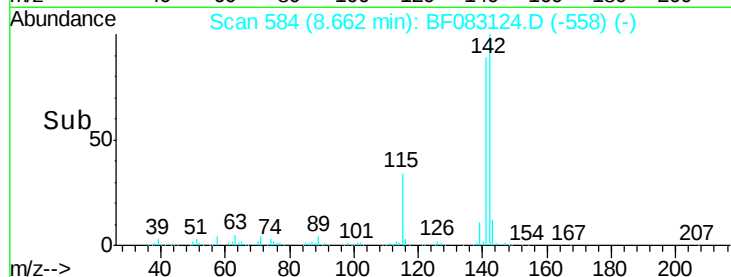
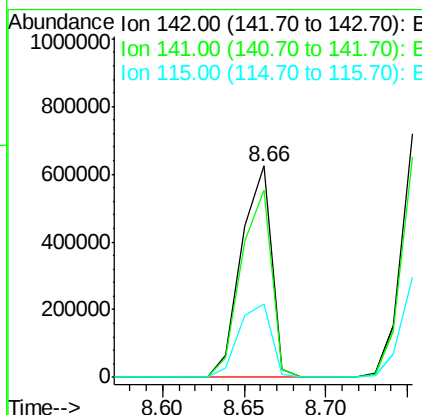
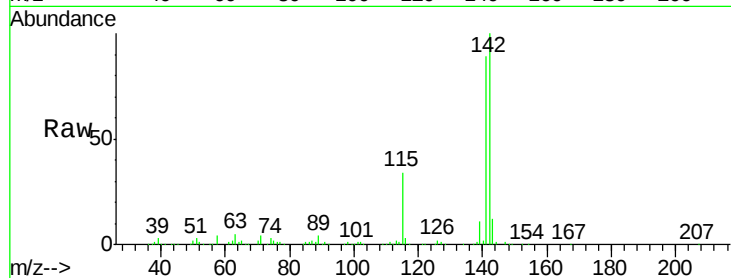
#37
2-Methylnaphthalene
Concen: 30.70 ng
RT: 8.66 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	34.5	33.4	50.2

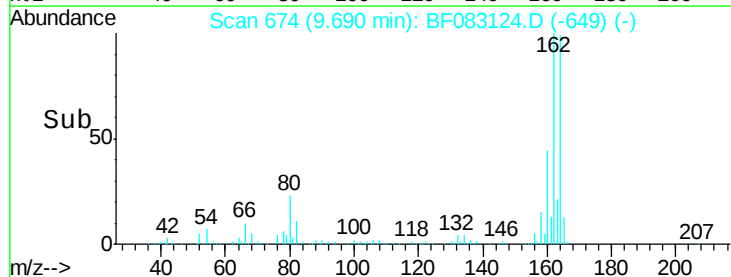
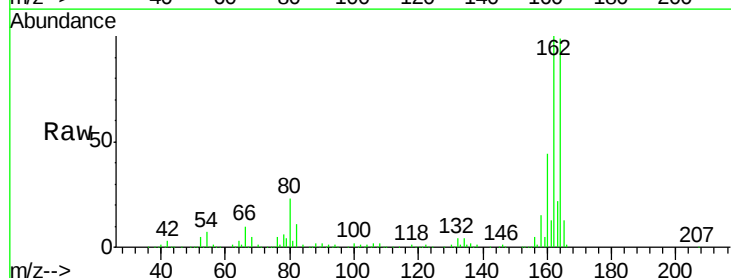
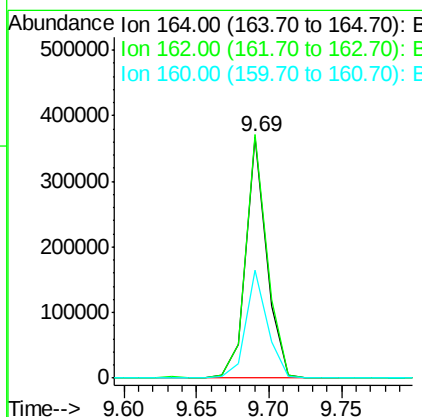
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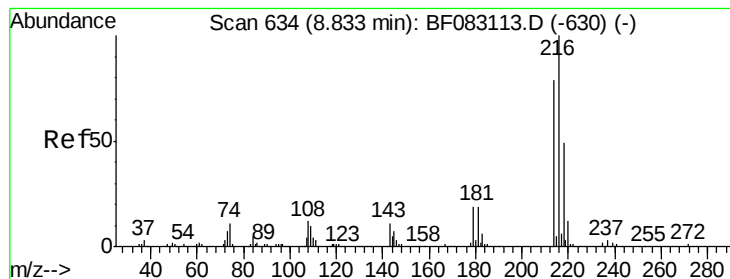
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.2	121.8
160	44.6	35.6	53.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.02 ng

RT: 8.82 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

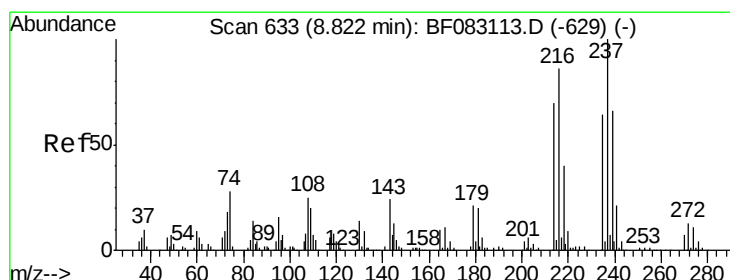
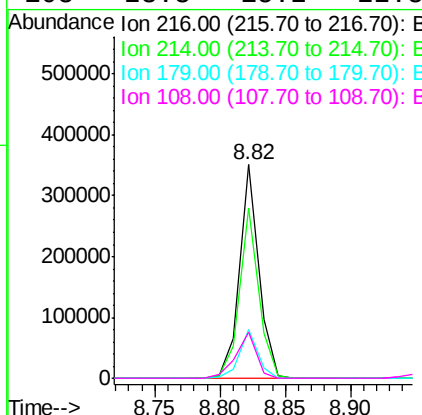
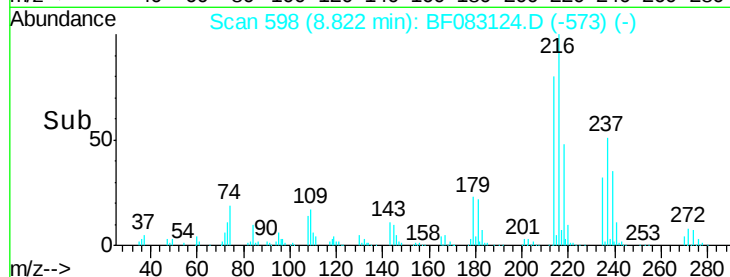
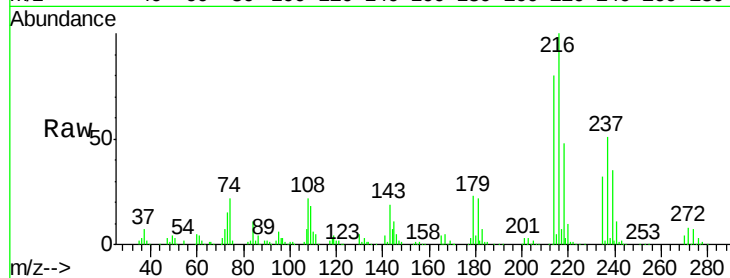
ClientSampleId :

PB86620BSD

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.0		63.8	95.8	
179	21.9		17.0	25.6	
108	23.3		15.2	22.8	



#40

Hexachlorocyclopentadiene

Concen: 59.67 ng

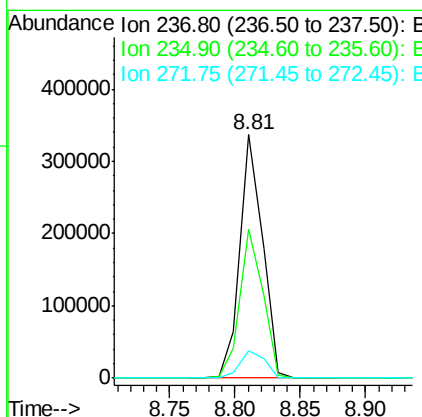
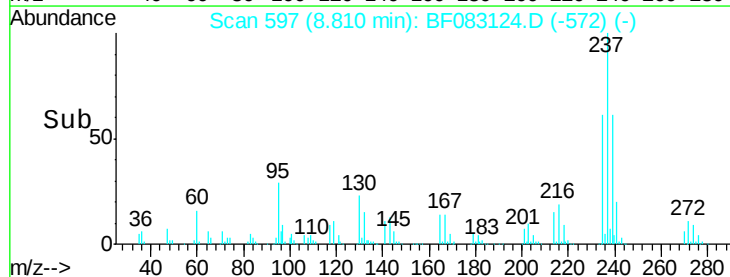
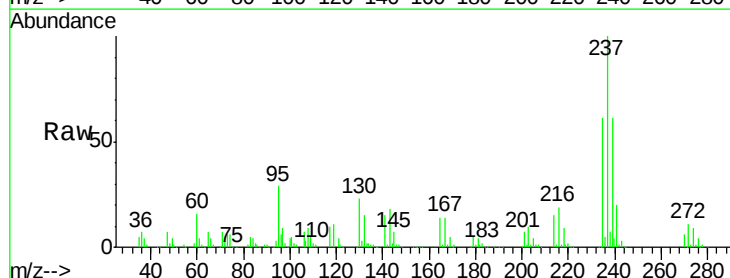
RT: 8.81 min Scan# 597

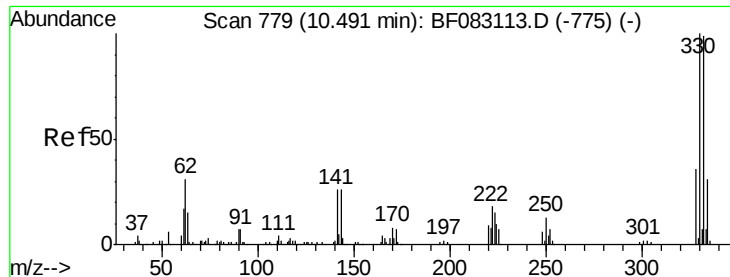
Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.2		43.5	83.5	
272	11.0		0.0	33.1	





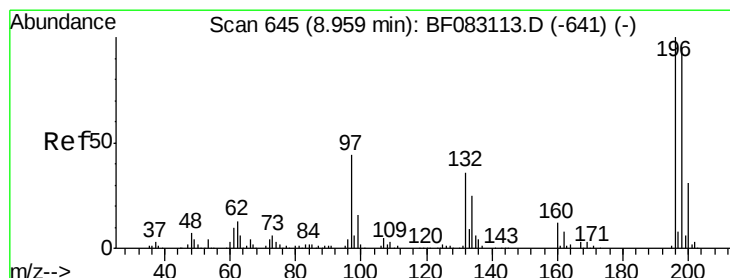
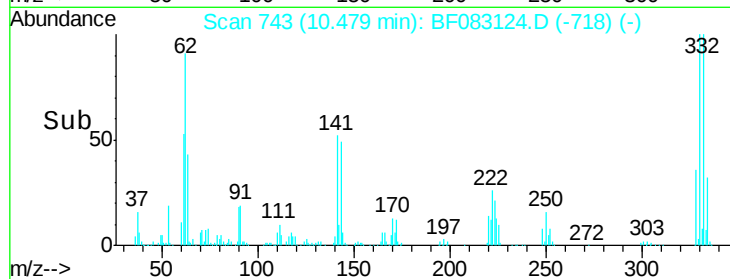
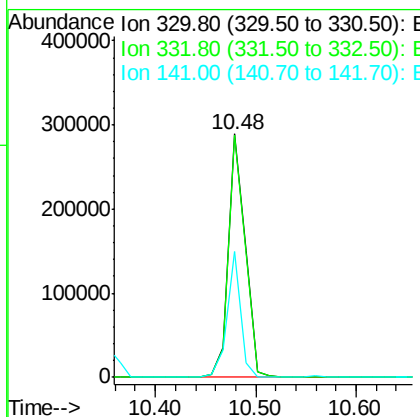
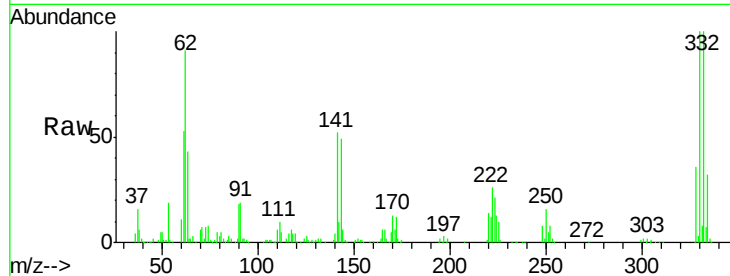
#41
 2,4,6-Tribromophenol
 Concen: 89.18 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.8	77.7	116.5	
141	42.0	29.7	44.5	

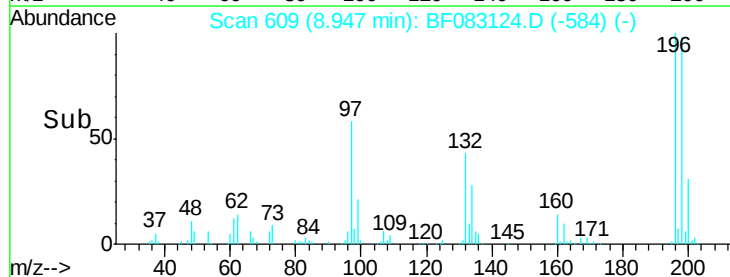
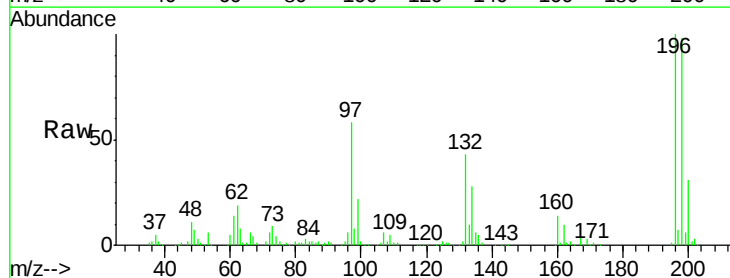
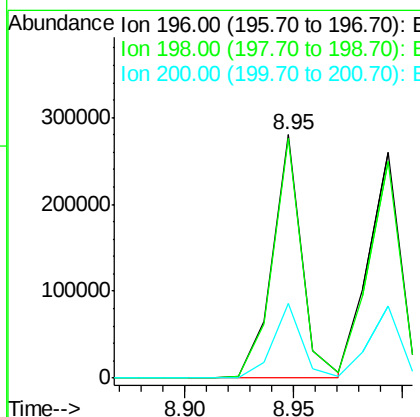
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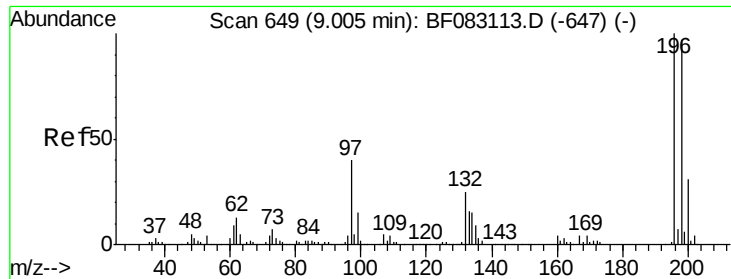
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 11/23/2015 7:01:27 PM



#42
 2,4,6-Trichlorophenol
 Concen: 30.74 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.4	75.9	113.9	
200	30.6	24.5	36.7	





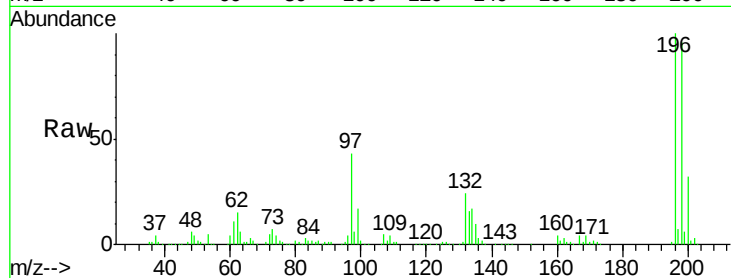
#43
 2,4,5-Trichlorophenol
 Concen: 31.25 ng
 RT: 8.99 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion:	196	Resp:	273504
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.6	116.4
97	43.1	32.6	48.8
132	24.1	19.8	29.8

Manual Integrations
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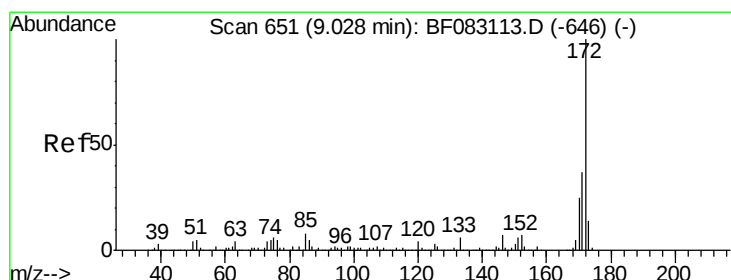
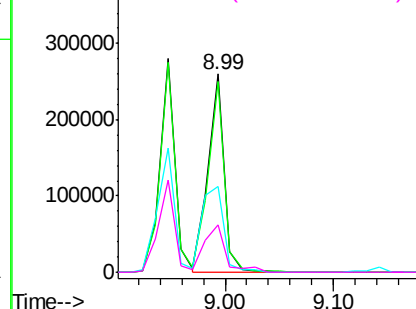
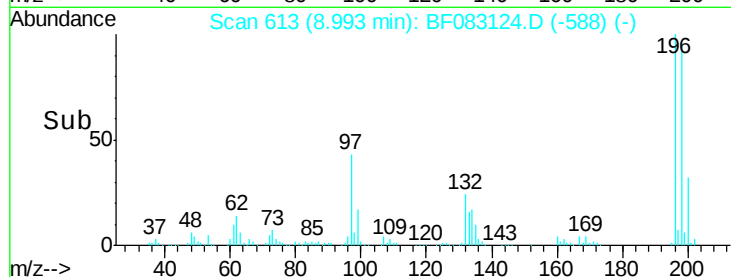
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

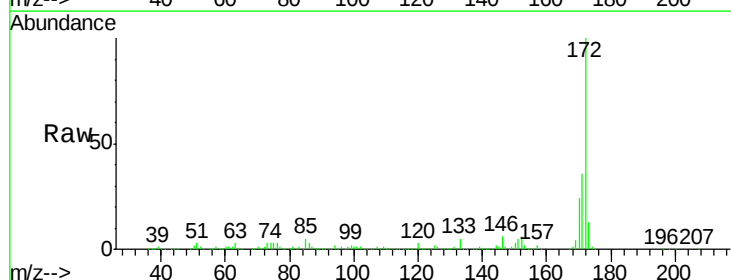
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.76 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Tgt Ion:	172	Resp:	1739129
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.5	44.3
170	24.3	19.9	29.9

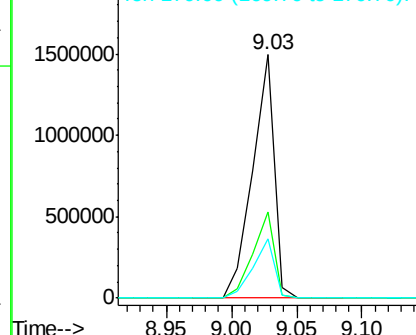
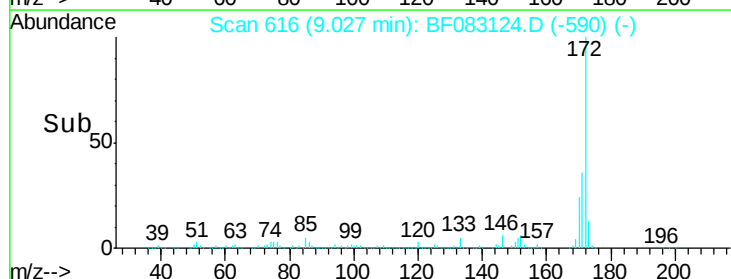


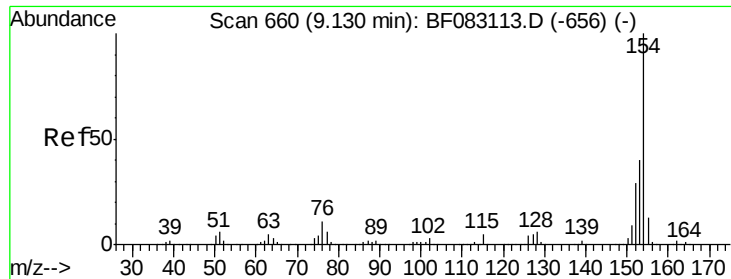
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 29.43 ng

RT: 9.12 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

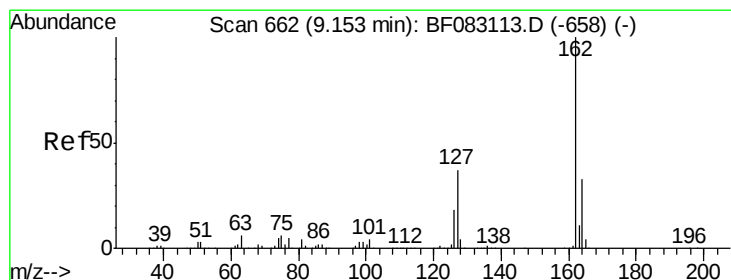
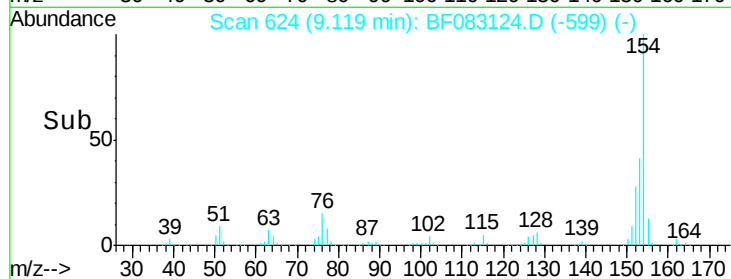
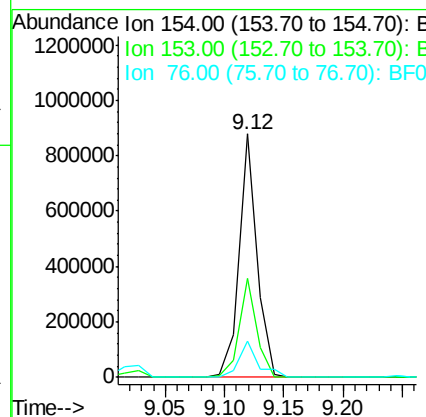
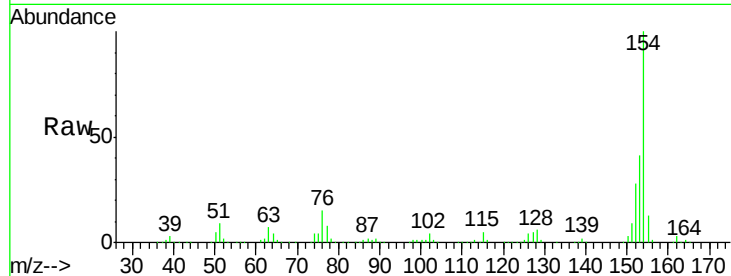
ClientSampleId :

PB86620BSD

Tot Ion:	154	Resp:	923628
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.5	60.5
76	15.0	0.0	31.2

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#46

2-Chloronaphthalene

Concen: 30.93 ng

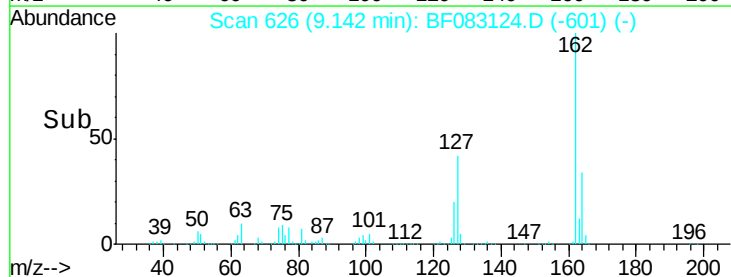
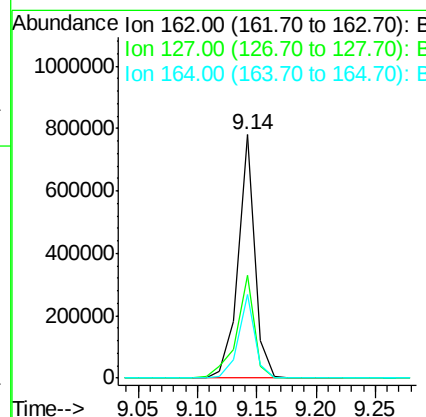
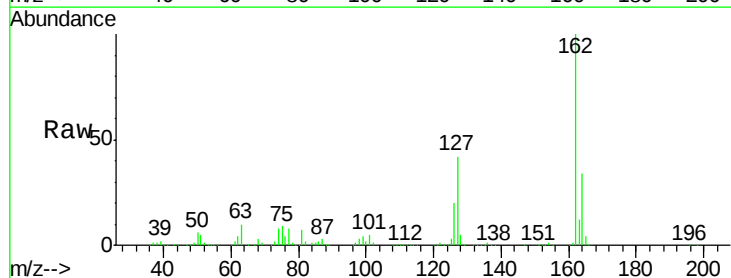
RT: 9.14 min Scan# 626

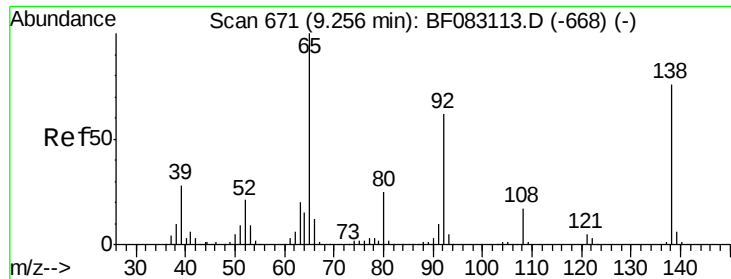
Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tgt Ion:	162	Resp:	762614
Ion Ratio	Lower	Upper	
162	100		
127	42.5	29.4	44.2
164	34.4	26.2	39.4





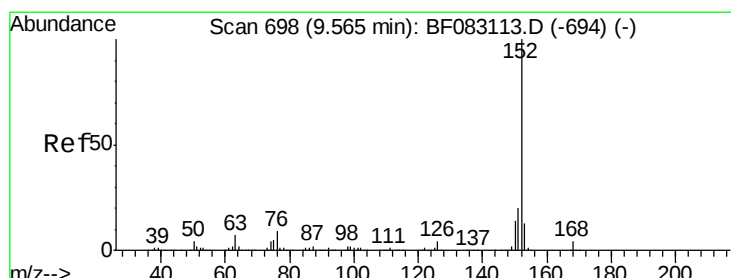
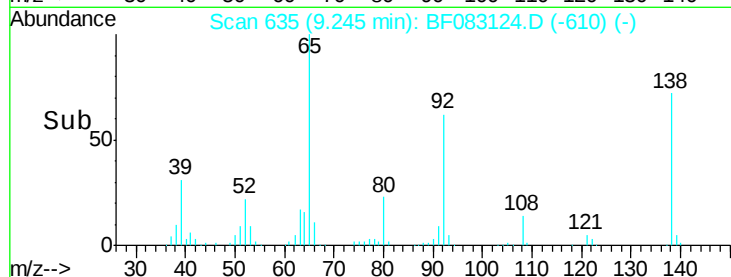
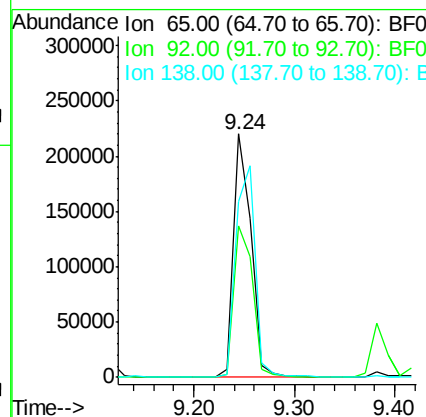
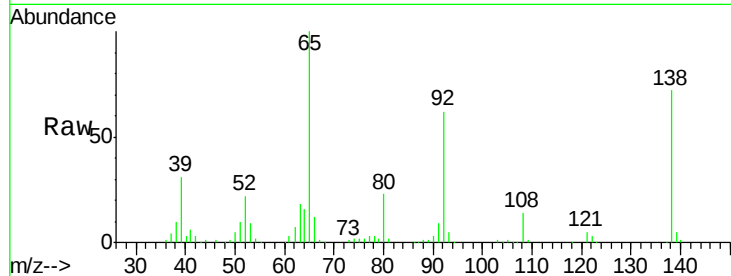
#47
2-Nitroaniline
Concen: 30.71 ng
RT: 9.24 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	267800		
92	62.0	49.5	74.3	
138	72.0	60.7	91.1	

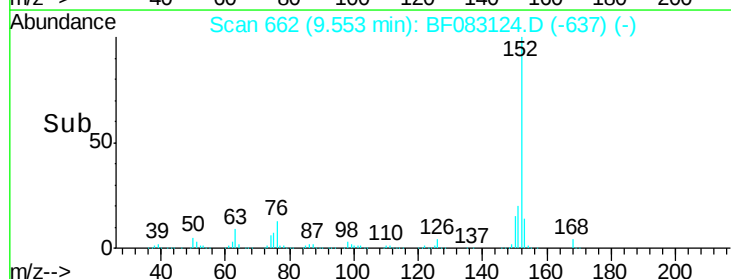
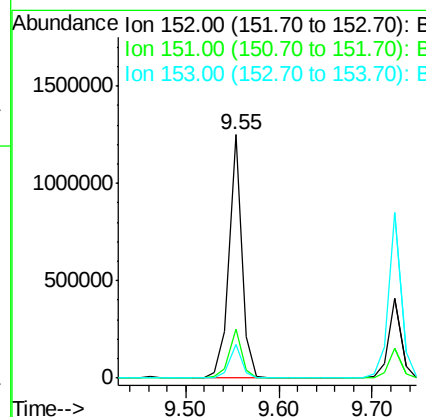
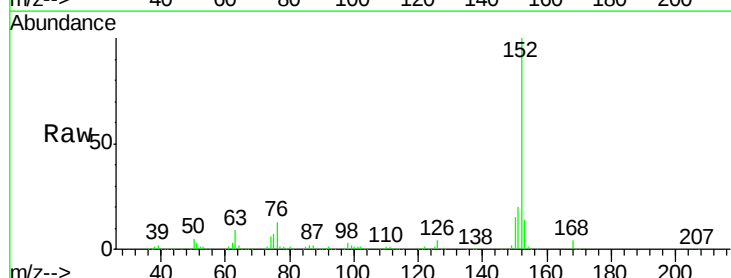
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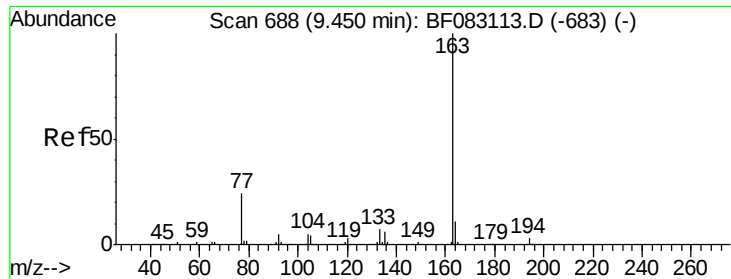
Mmdadoda
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#48
Acenaphthylene
Concen: 31.33 ng
RT: 9.55 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1197046		
151	20.2	16.3	24.5	
153	13.8	10.8	16.2	





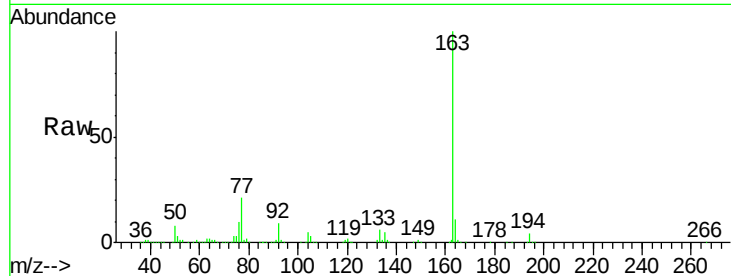
#49
Dimethylphthalate
Concen: 33.61 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

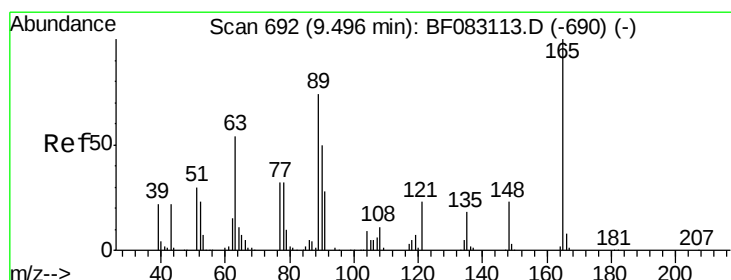
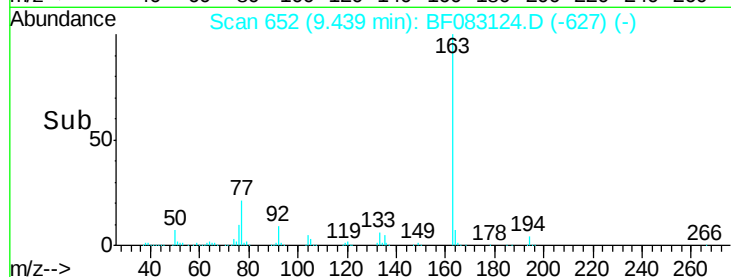
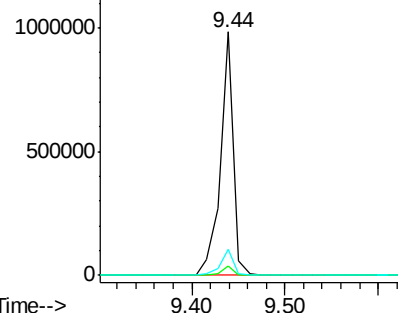
Tot Ion	Ratio	Resp	Lower	Upper
163	100	954169		
194	3.7	2.6	4.0	
164	10.7	8.6	12.8	

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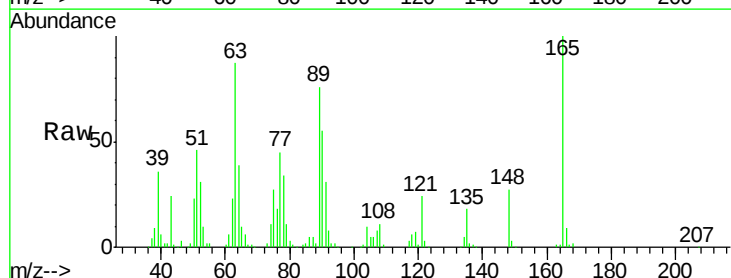


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

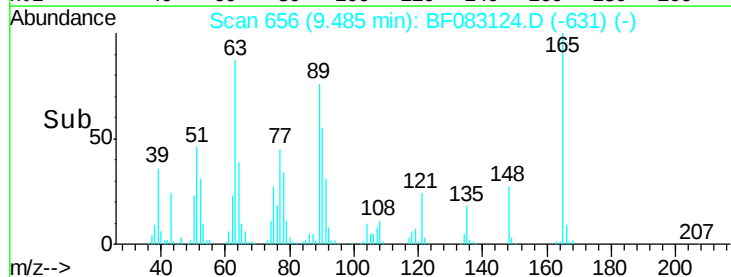
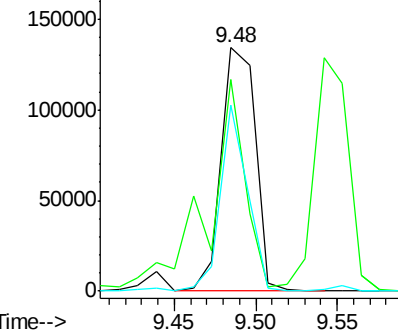


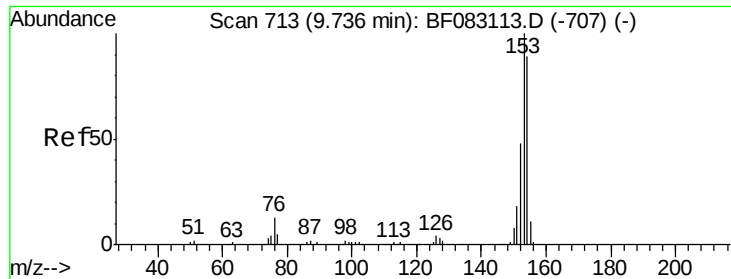
#50
2,6-Dinitrotoluene
Concen: 30.32 ng
RT: 9.48 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	193181		
63	87.1	62.5	93.7	
89	76.2	59.1	88.7	



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





#51

Acenaphthene

Concen: 31.13 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

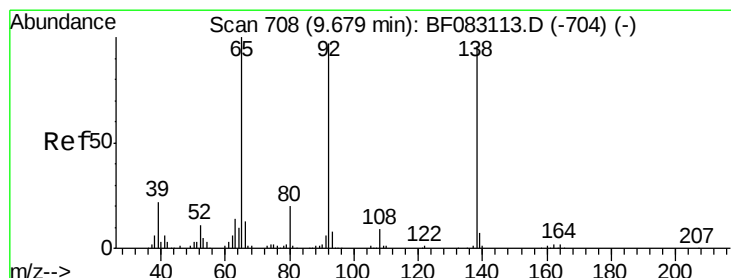
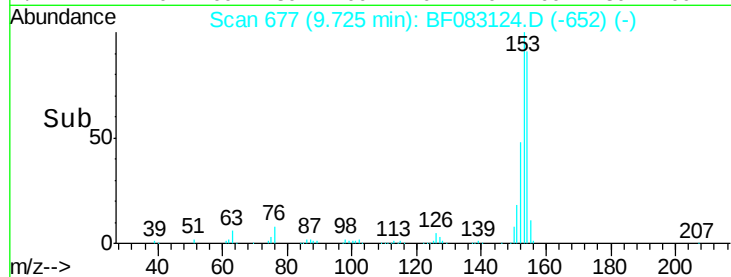
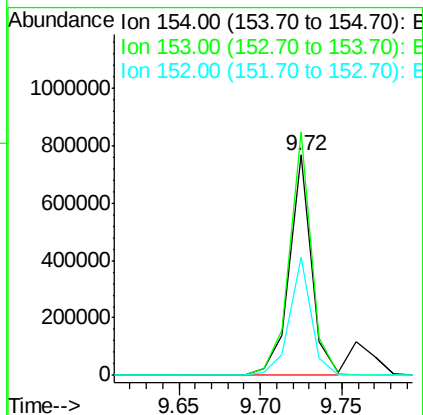
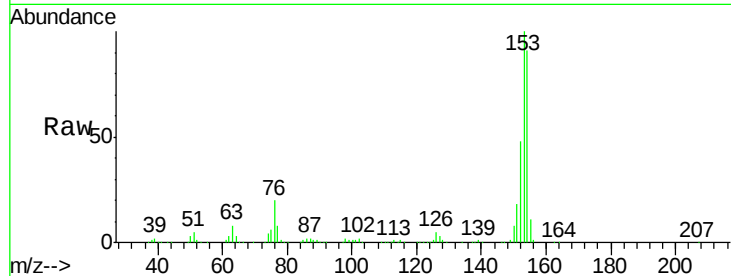
ClientSampleId :

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Tot Ion:	154	Resp:	723830
Ion Ratio	Lower	Upper	
154	100		
153	110.5	89.6	134.4
152	53.4	43.3	64.9

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#52

3-Nitroaniline

Concen: 14.61 ng

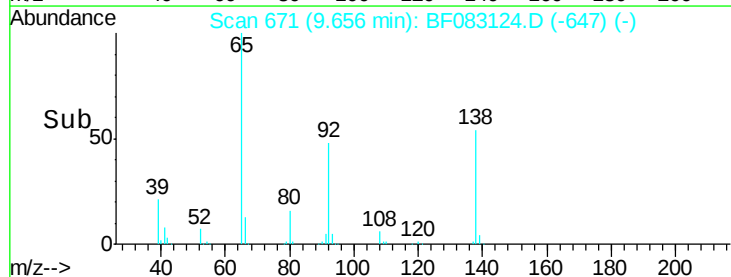
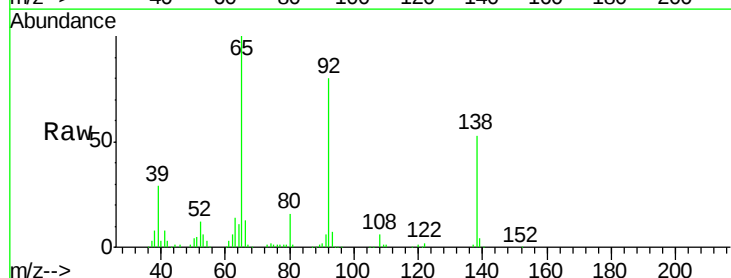
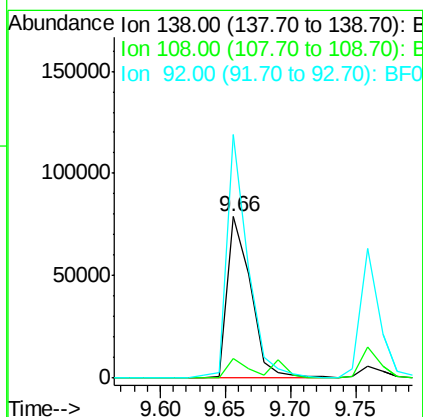
RT: 9.66 min Scan# 671

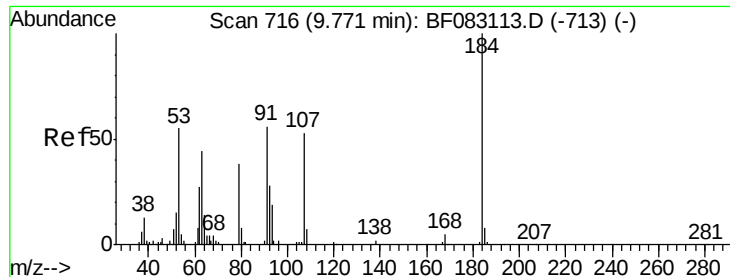
Delta R.T. -0.02 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tgt Ion:	138	Resp:	99260
Ion Ratio	Lower	Upper	
138	100		
108	12.3	7.8	11.6#
92	150.9	81.1	121.7#





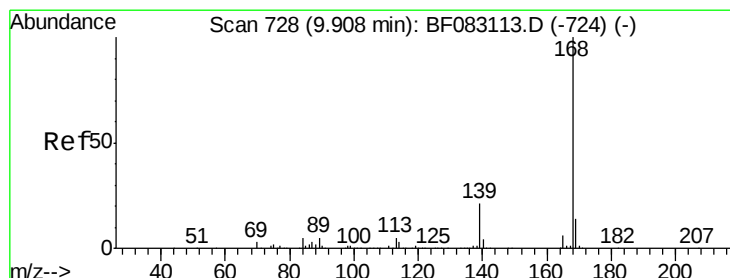
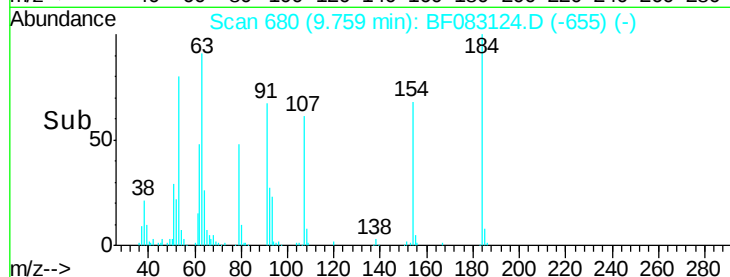
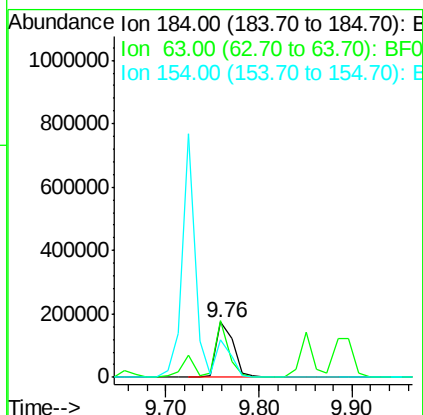
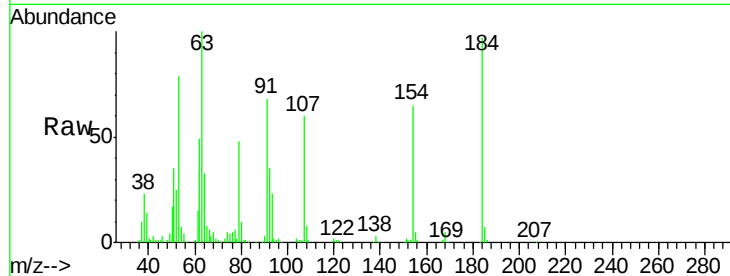
#53
2,4-Dinitrophenol
Concen: 61.75 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	226623		
63	103.3	60.5	90.7#	
154	67.5	54.3	81.5	

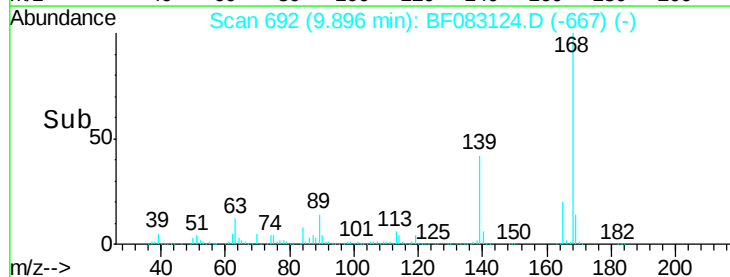
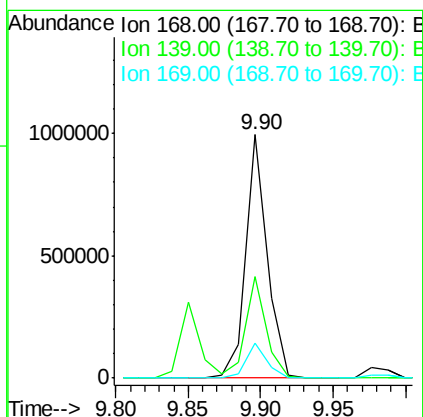
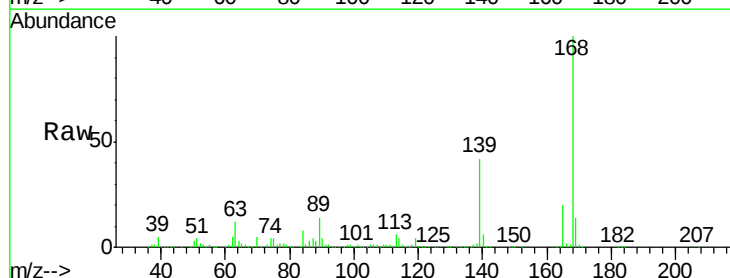
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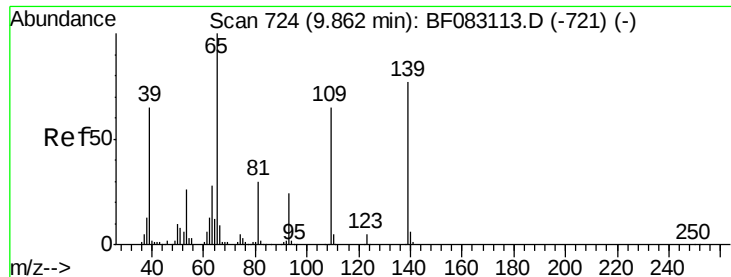
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#54
Dibenzofuran
Concen: 31.03 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1020256		
139	41.7	30.2	45.2	
169	14.2	10.9	16.3	





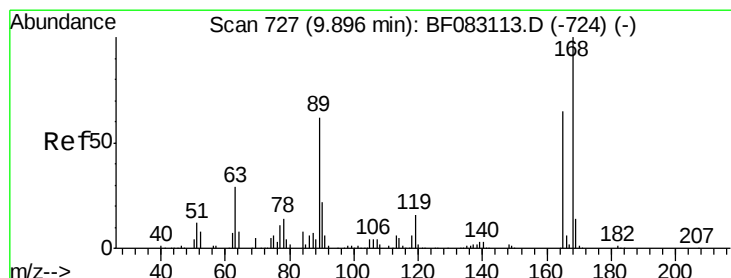
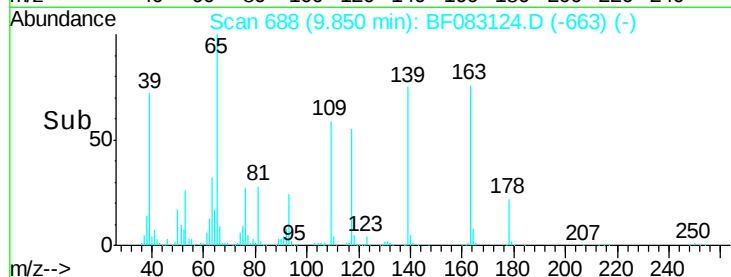
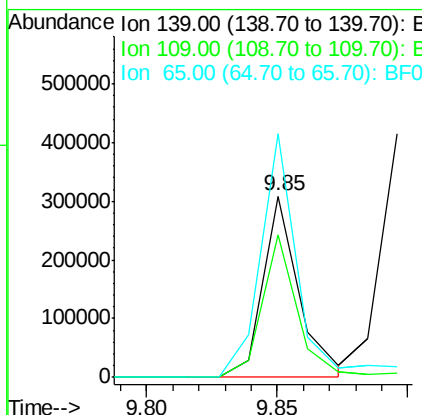
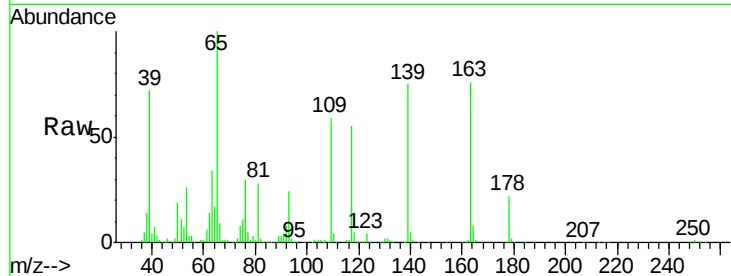
#55
4-Nitrophenol
Concen: 57.30 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	298416		
109	78.8	64.0	104.0	
65	134.2	109.5	149.5	

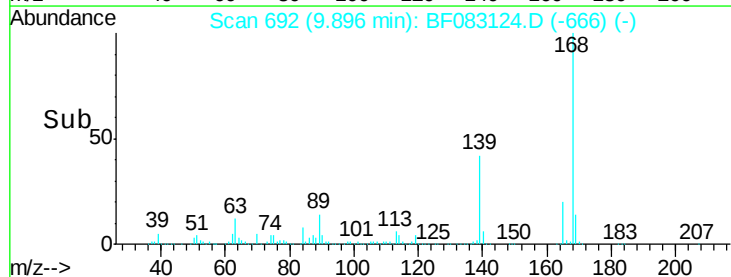
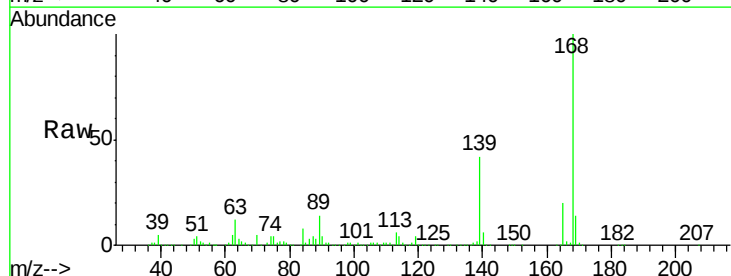
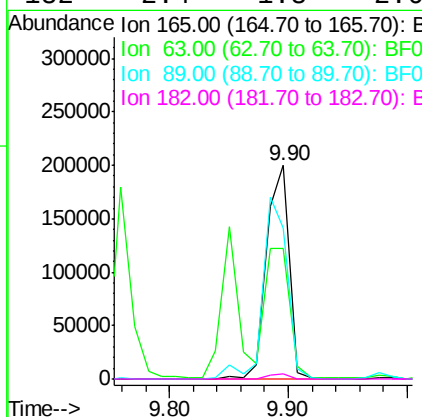
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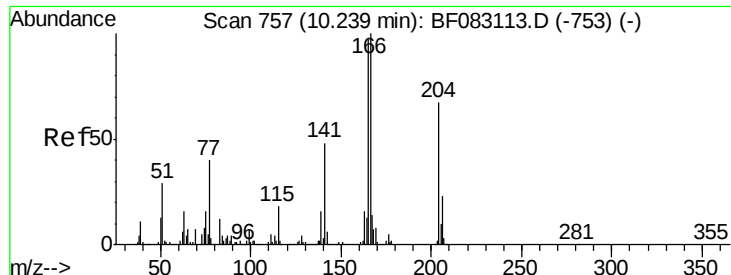
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#56
2,4-Dinitrotoluene
Concen: 32.80 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	264776		
63	61.3	54.5	81.7	
89	70.9	77.3	115.9	
182	2.4	1.8	2.6	





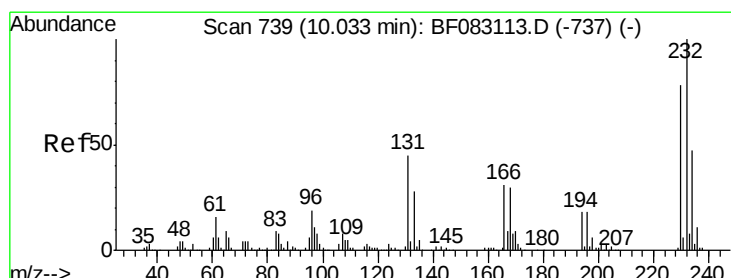
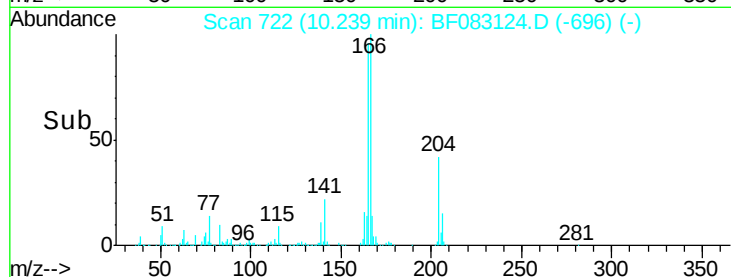
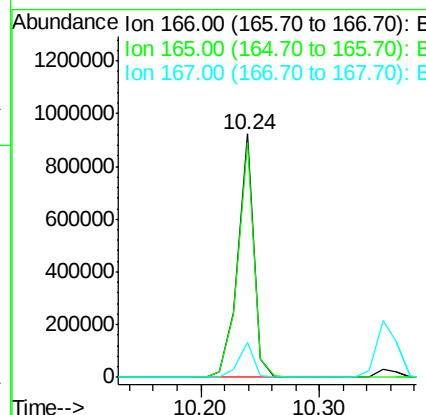
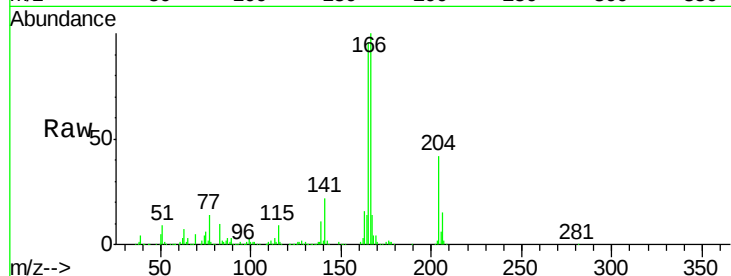
#57
 Fluorene
 Concen: 31.98 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.0	117.0
167	14.2	11.3	16.9

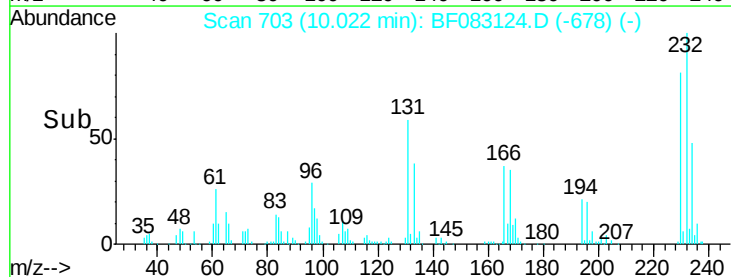
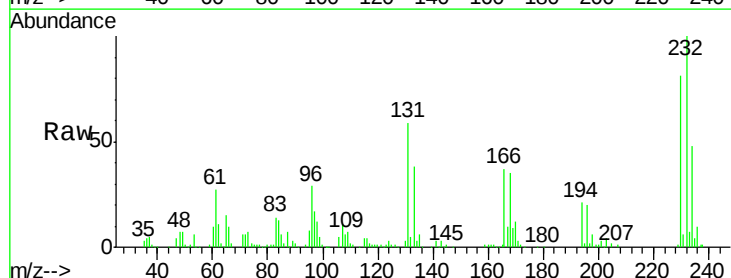
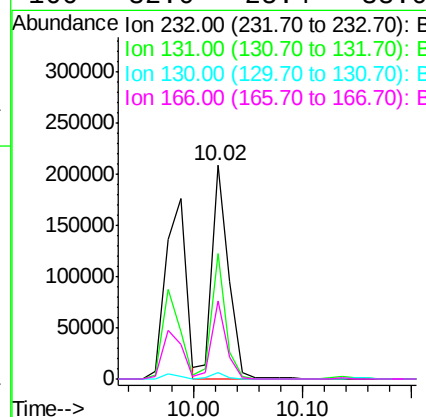
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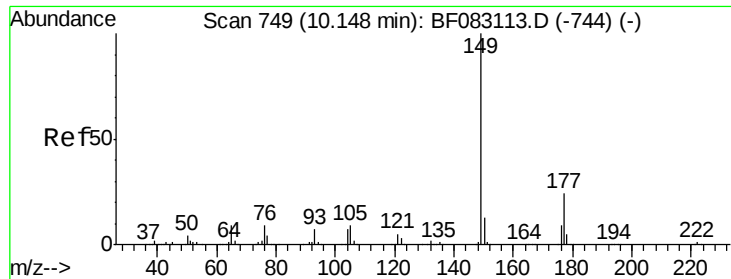
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.67 ng
 RT: 10.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.2	38.6	57.8
130	2.4	1.9	2.9
166	32.0	25.4	38.0





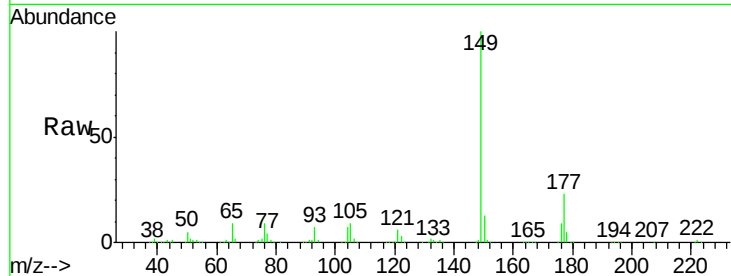
#59
Diethylphthalate
Concen: 32.66 ng
RT: 10.14 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

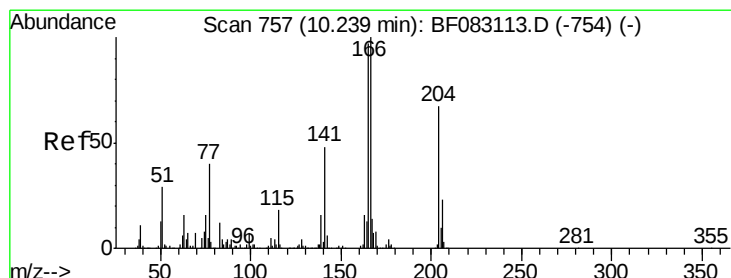
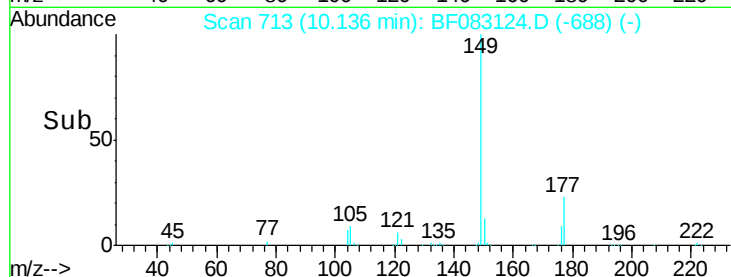
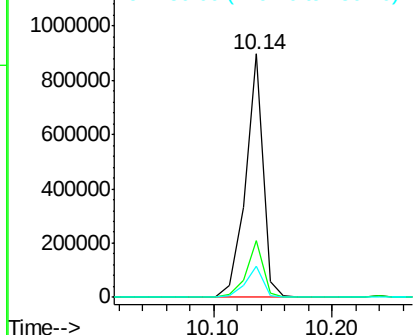
Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	23.1	19.4	29.2
150	12.7	10.2	15.2

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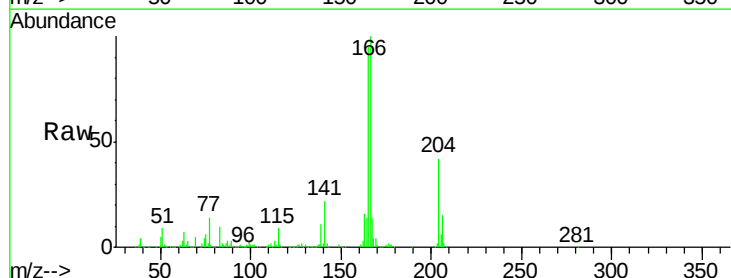


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

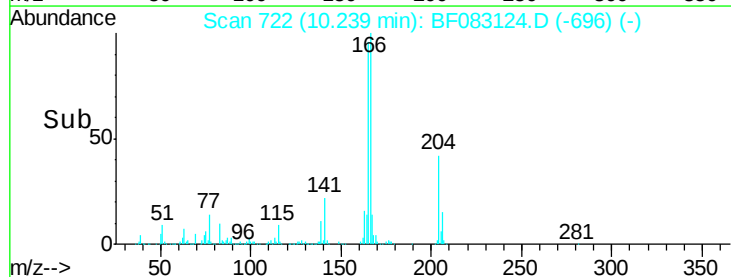
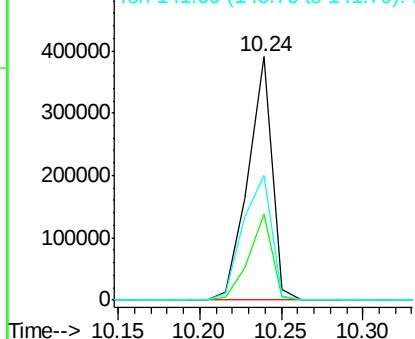


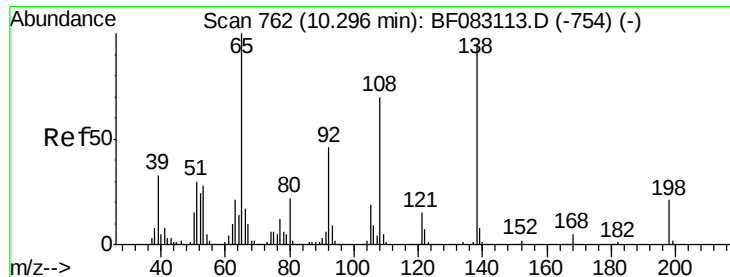
#60
4-Chlorophenyl-phenylether
Concen: 32.32 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	35.3	27.4	41.0
141	51.3	57.4	86.2#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





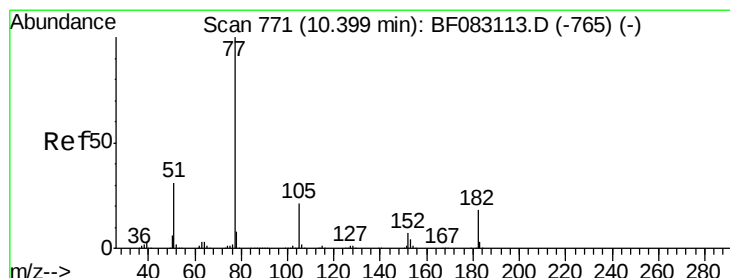
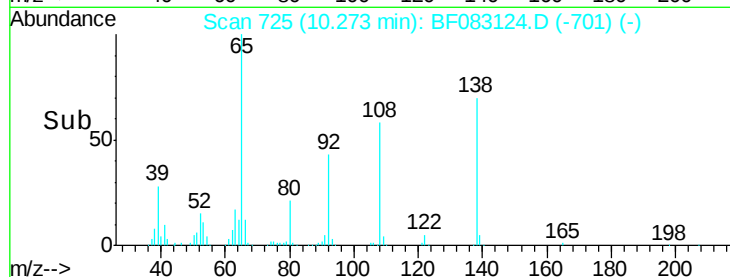
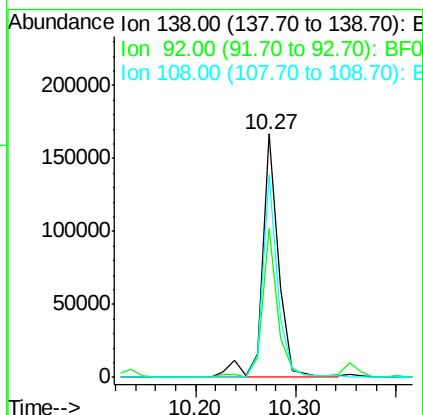
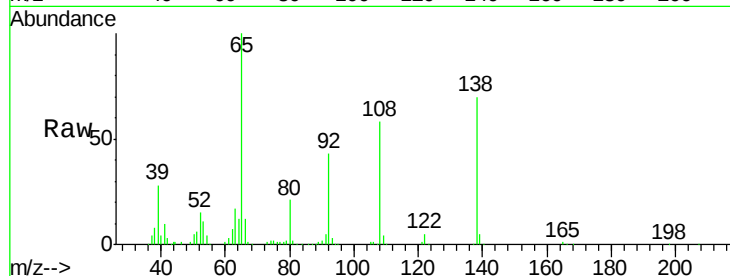
#61
4-Nitroaniline
Concen: 27.92 ng
RT: 10.27 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.0	28.4	68.4
108	83.3	53.5	93.5

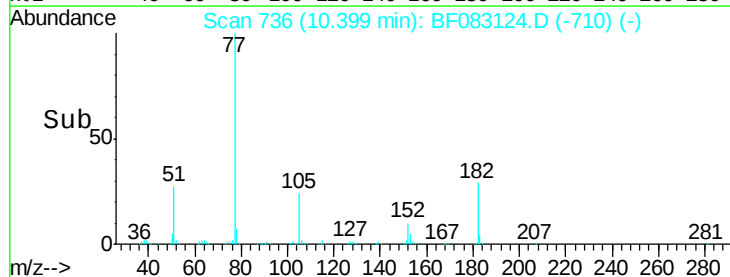
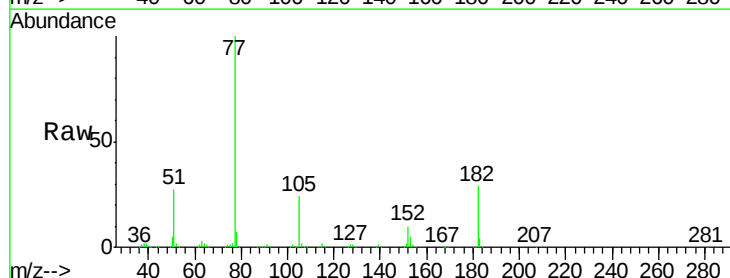
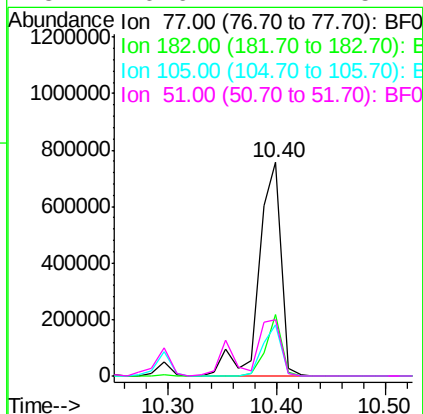
Manual Integrations
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#62
Azobenzene
Concen: 33.69 ng
RT: 10.40 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	0.0	38.3
105	24.2	1.2	41.2
51	26.6	11.1	51.1





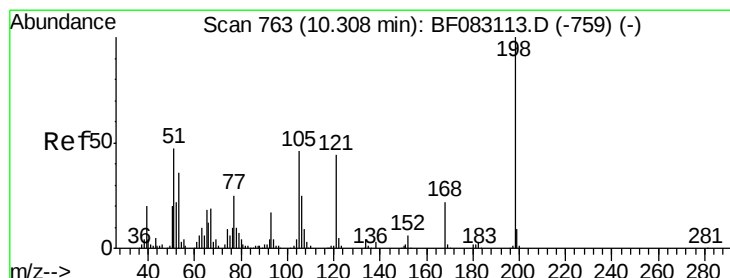
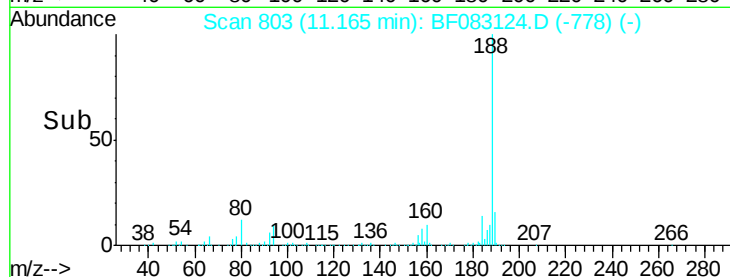
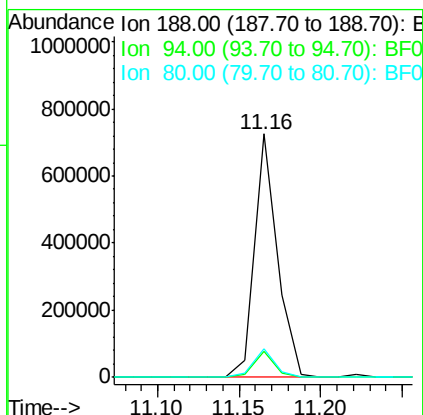
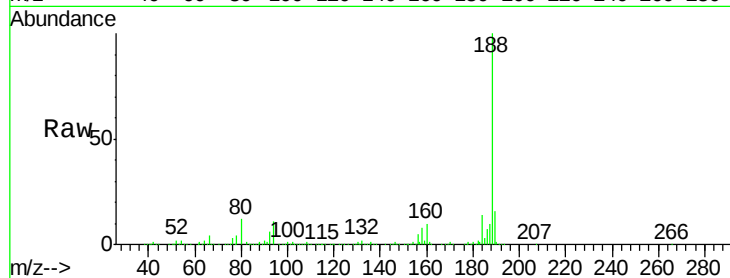
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.6	6.0	9.0#
80	12.0	6.7	10.1#

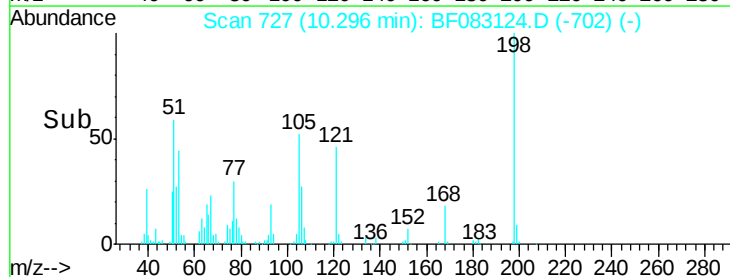
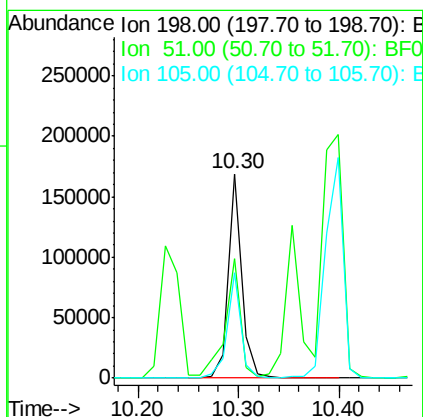
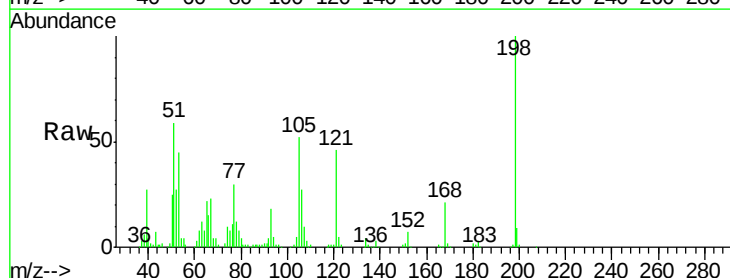
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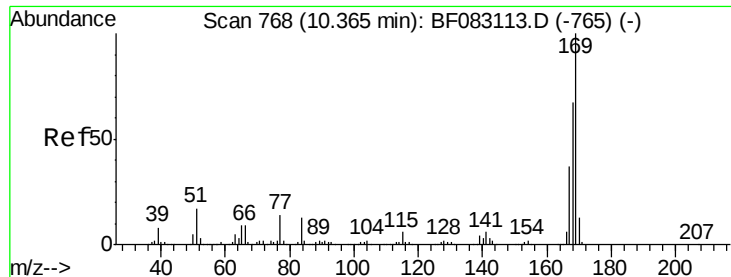
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.21 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	58.8	27.0	67.0
105	51.7	26.1	66.1





#65

n-Nitrosodiphenylamine

Concen: 30.16 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

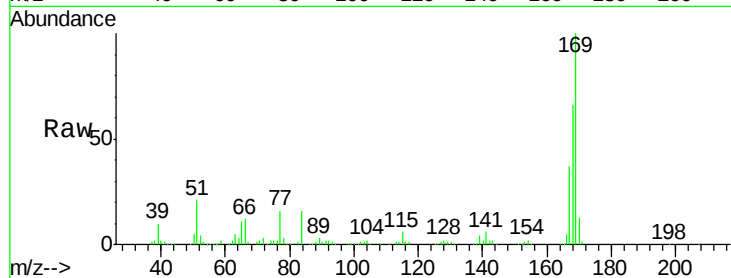
ClientSampleId :

PB86620BSD

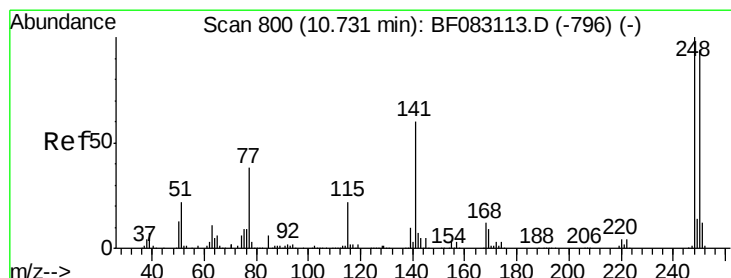
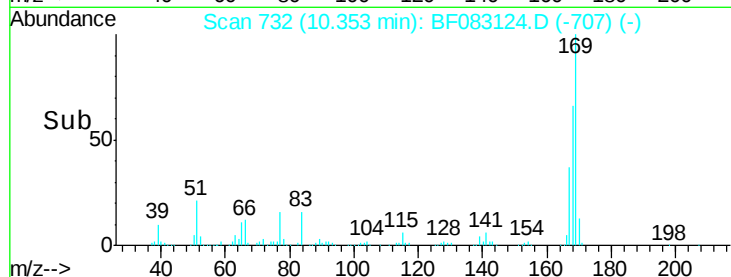
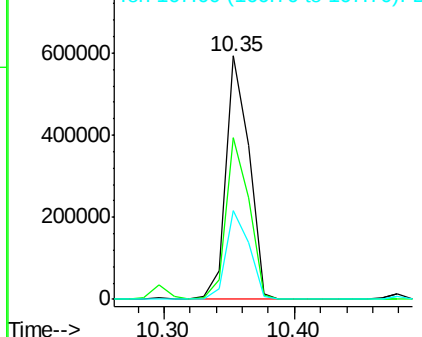
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		726587		
168	66.3	53.8	80.6		
167	36.6	29.8	44.8		

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



#66

4-Bromophenyl-phenylether

Concen: 31.19 ng

RT: 10.72 min Scan# 764

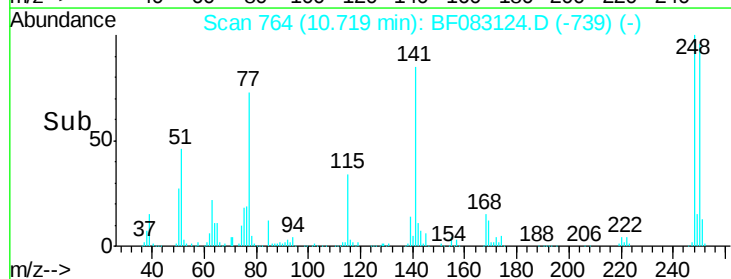
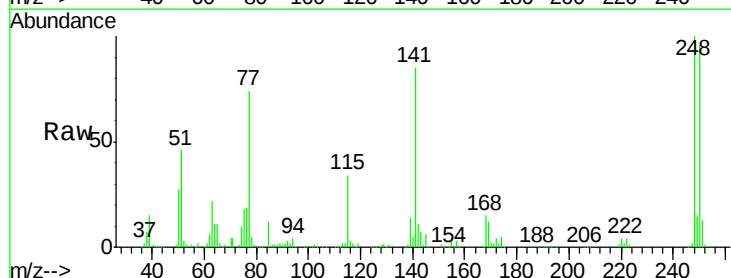
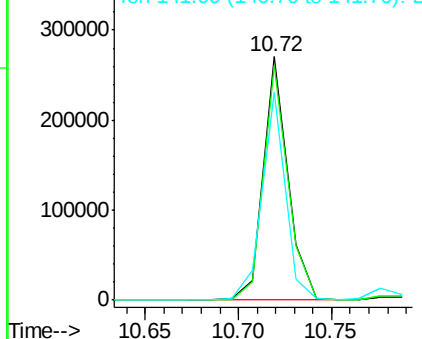
Delta R.T. -0.01 min

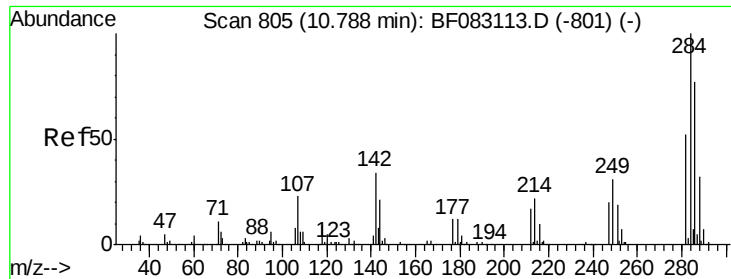
Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		245122		
250	96.3	75.4	113.2		
141	85.2	48.1	72.1#		

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





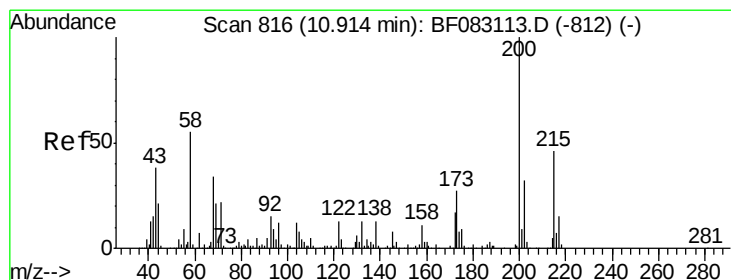
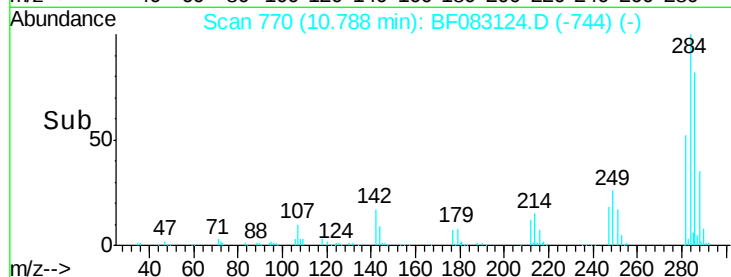
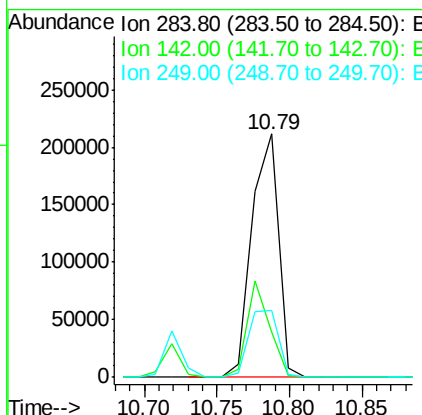
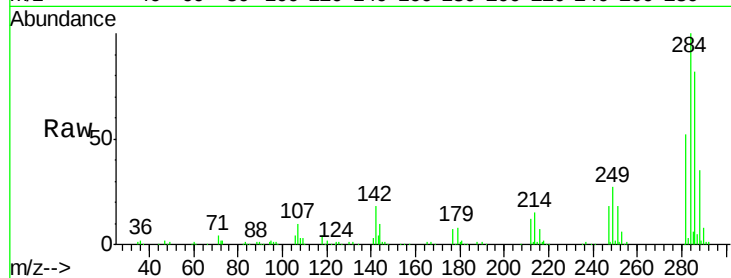
#67
Hexachlorobenzene
Concen: 31.19 ng
RT: 10.79 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	270010		
142	18.3	27.6	41.4	#
249	27.4	25.5	38.3	

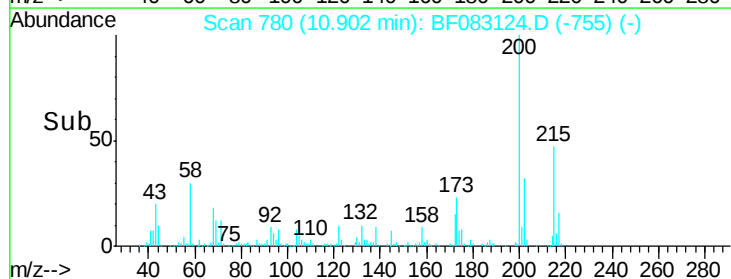
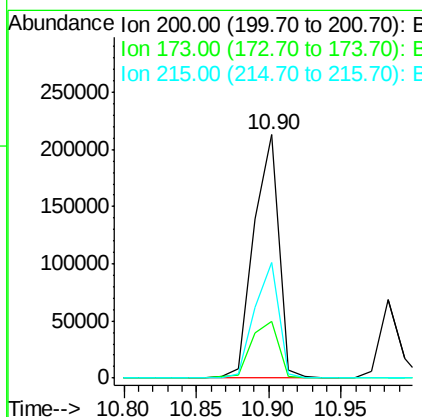
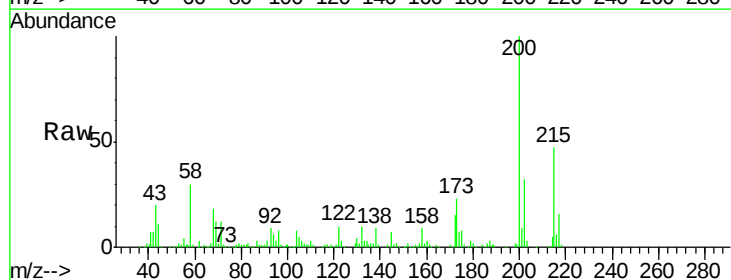
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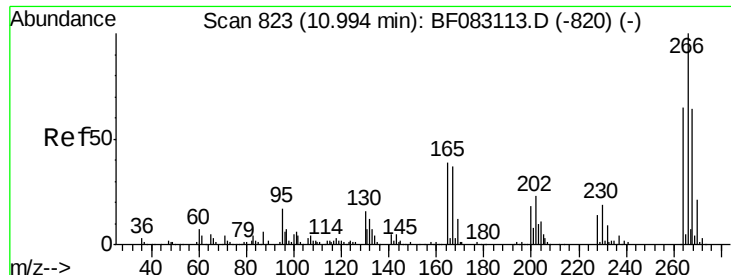
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#68
Atrazine
Concen: 36.36 ng
RT: 10.90 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	254380		
173	23.4	7.2	47.2	
215	47.5	25.7	65.7	





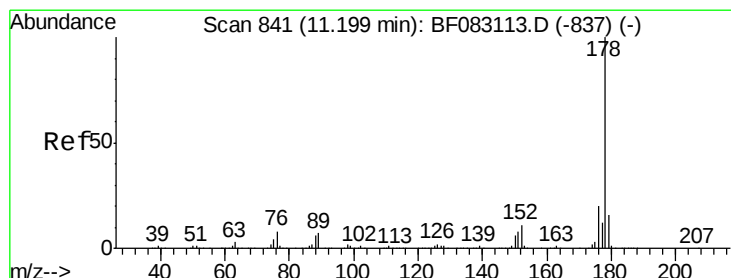
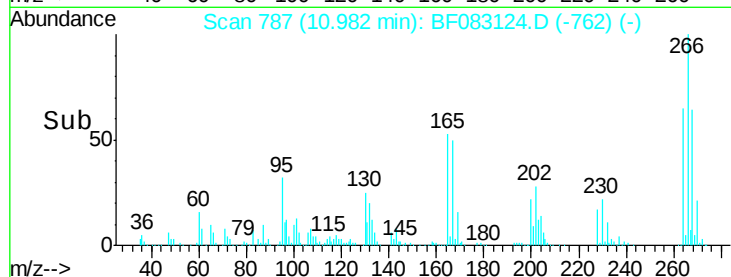
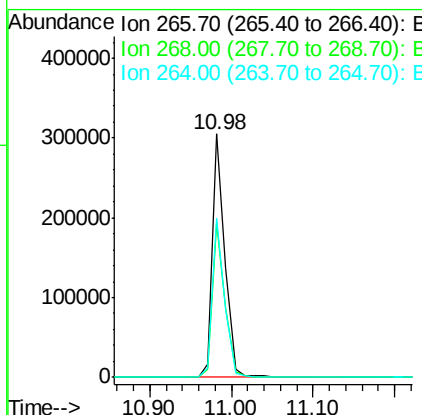
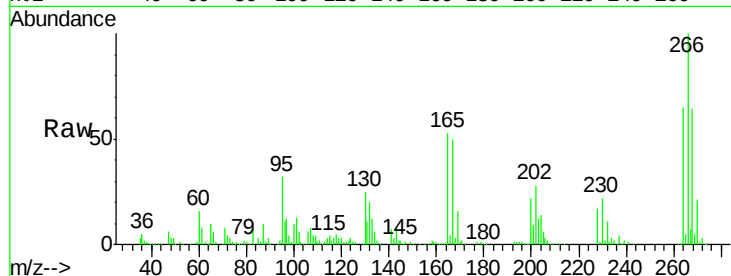
#69
 Pentachlorophenol
 Concen: 58.31 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.0
264	65.4	51.7	77.5

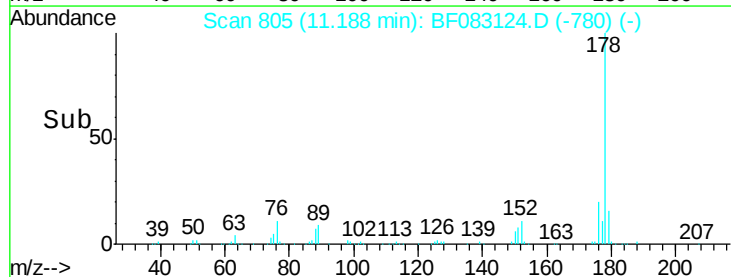
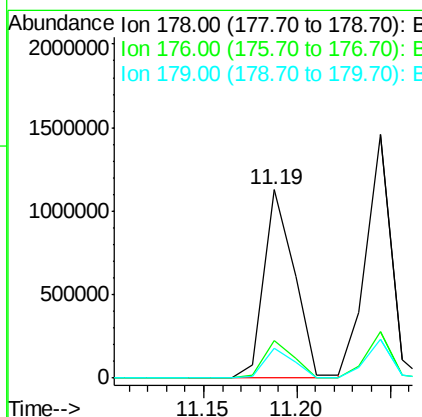
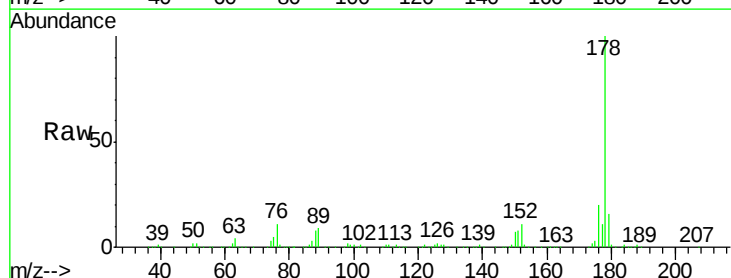
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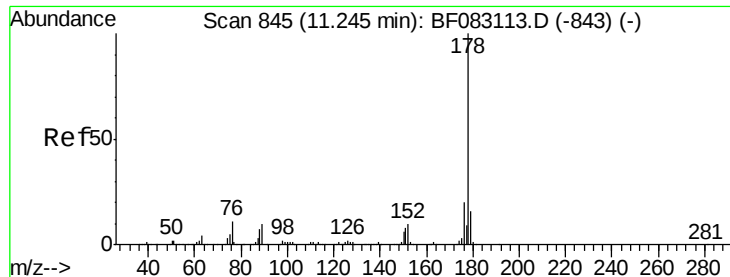
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#70
 Phenanthrene
 Concen: 31.27 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.2
179	16.1	12.8	19.2





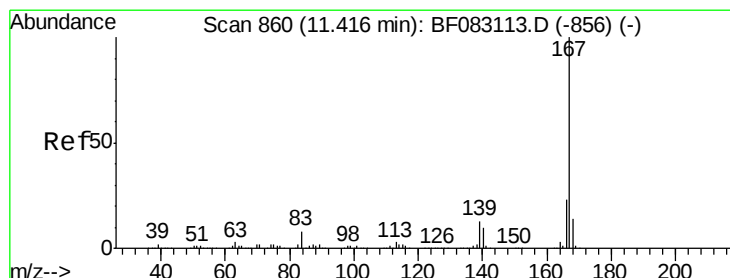
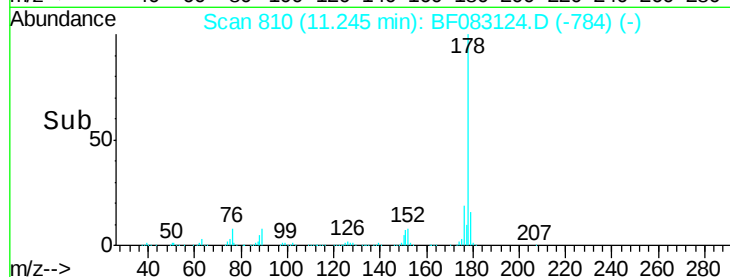
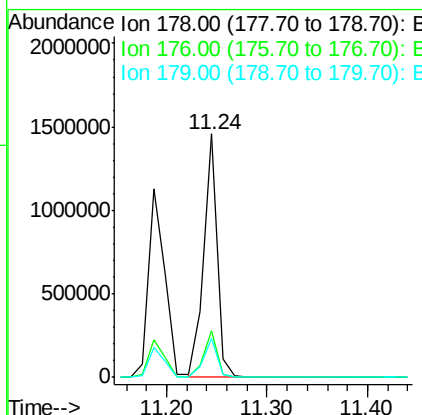
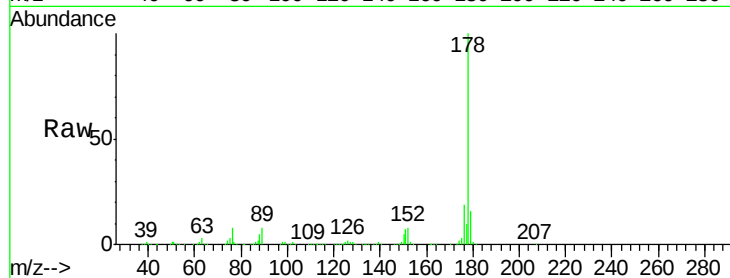
#71
 Anthracene
 Concen: 32.63 ng
 RT: 11.24 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.1	13.2	19.8

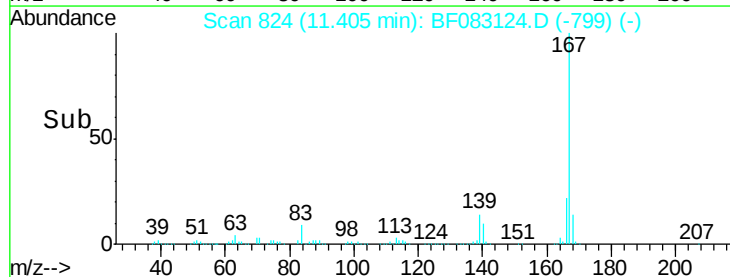
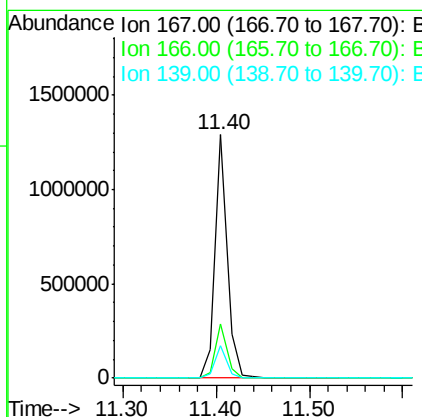
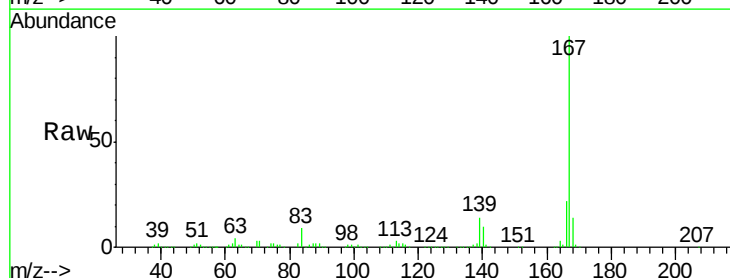
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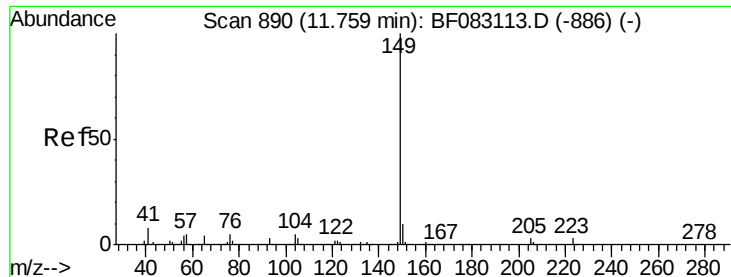
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#72
 Carbazole
 Concen: 31.75 ng
 RT: 11.40 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.0	27.0
139	13.6	10.5	15.7





#73

Di-n-butylphthalate

Concen: 31.20 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

ClientSampleId :

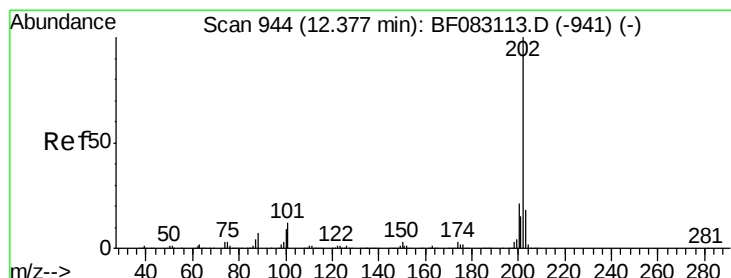
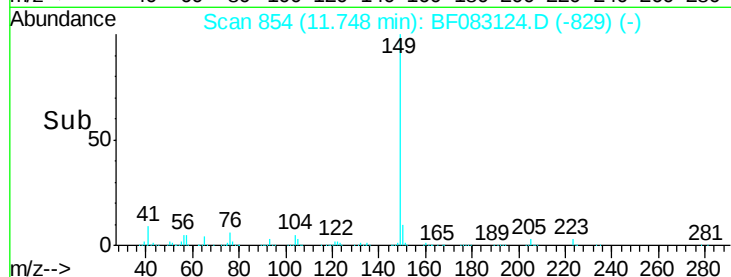
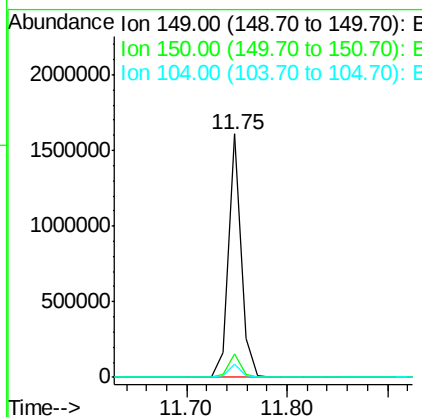
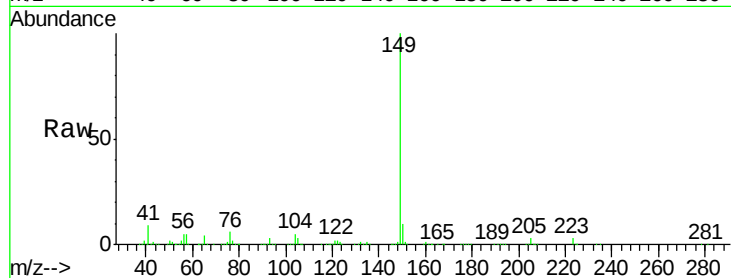
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Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.4	4.4	6.6



#74

Fluoranthene

Concen: 33.05 ng

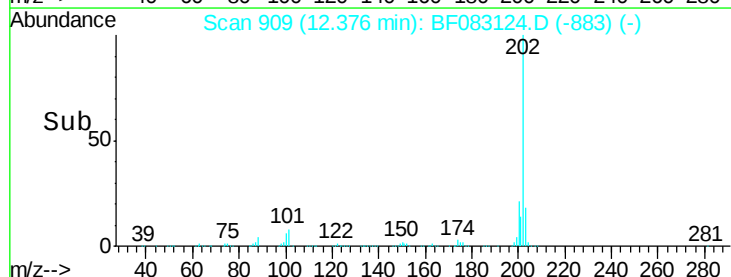
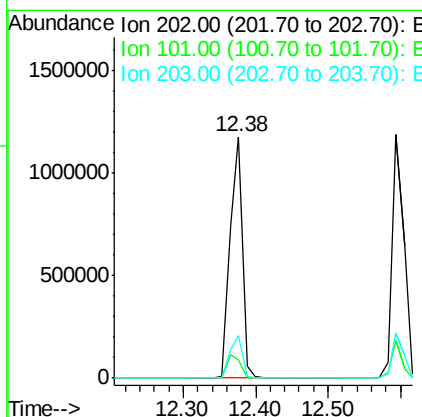
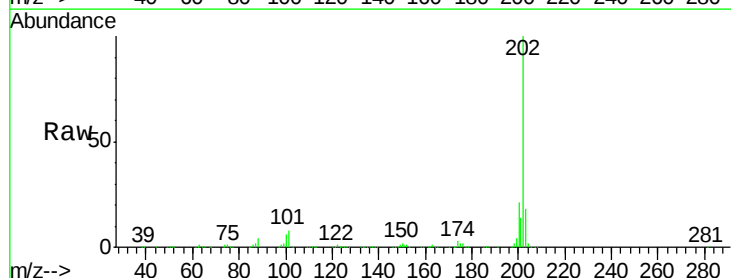
RT: 12.38 min Scan# 909

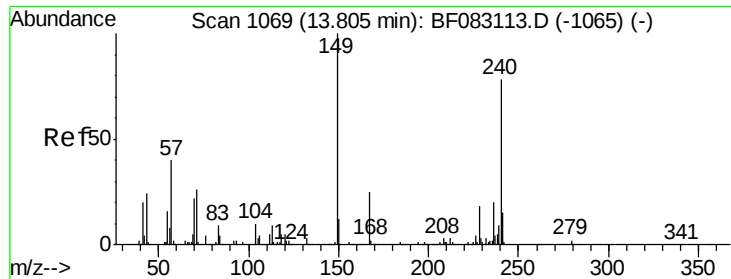
Delta R.T. -0.00 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	32.3
203	17.6	0.0	38.4





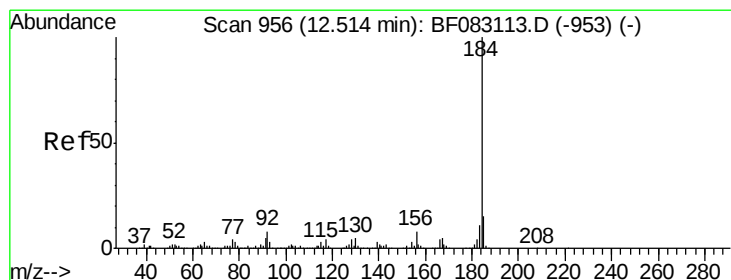
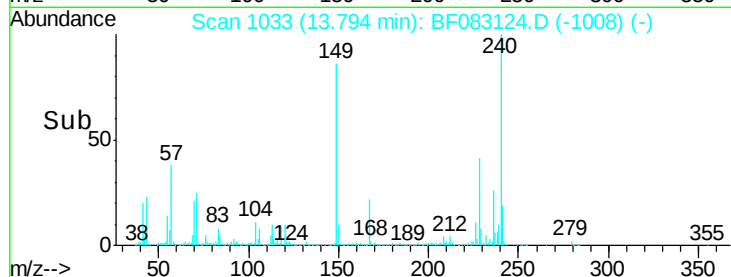
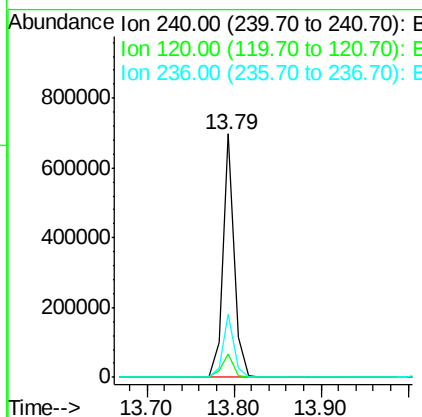
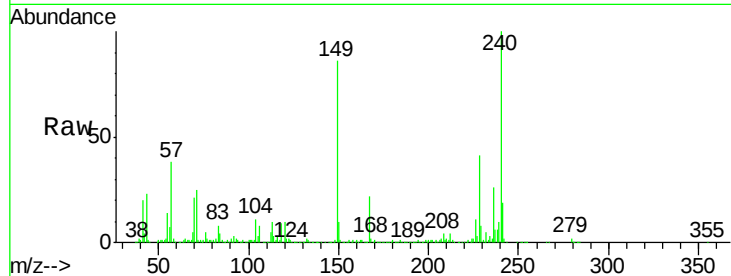
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.79 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.5	5.4	8.2#	
236	26.0	20.6	31.0	

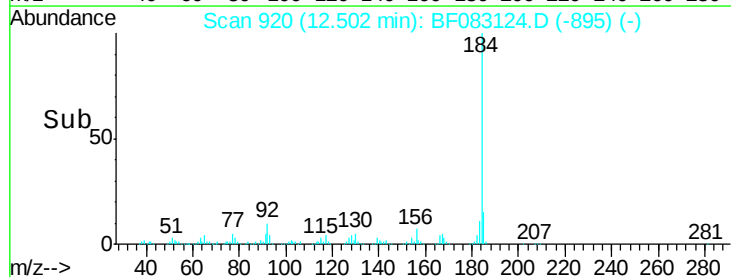
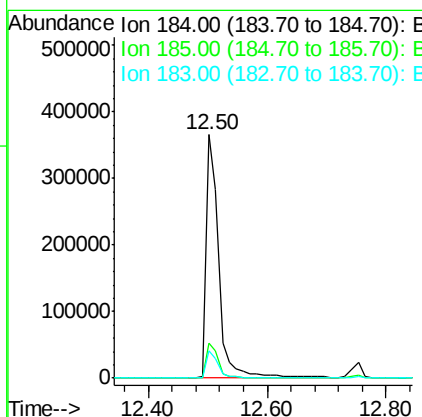
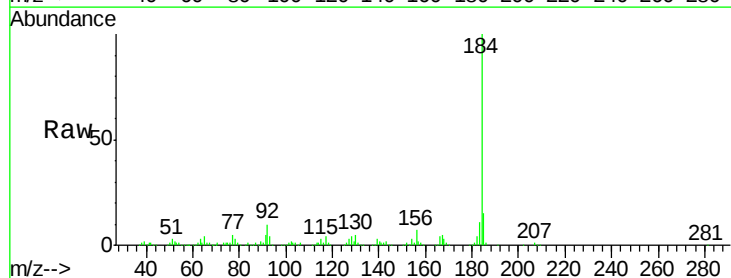
Manual Integrations
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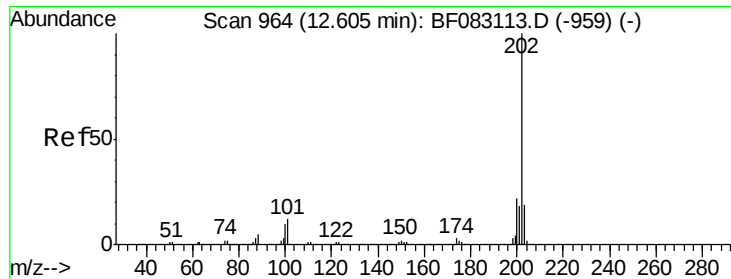
Mmdadoda
 11/23/2015 7:01:27 PM



#76
 Benzidine
 Concen: 32.84 ng
 RT: 12.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	11.7	17.5	
183	11.0	8.8	13.2	





#77

Pvrene

Concen: 30.86 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

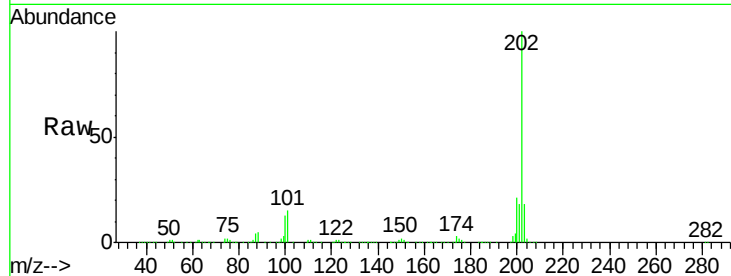
ClientSampleId :

PB86620BSD

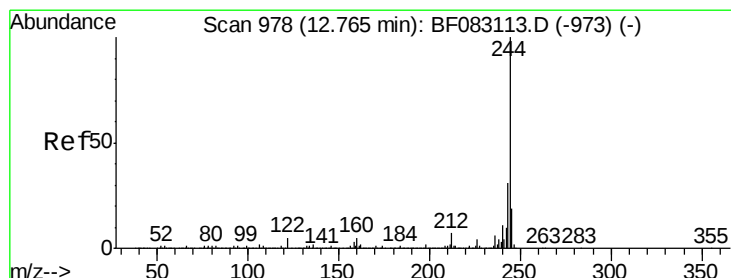
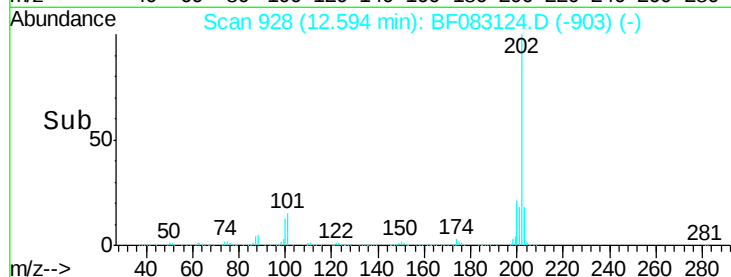
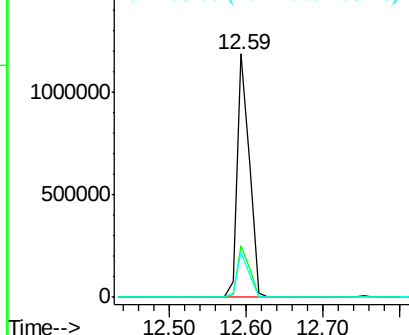
Tot Ion:	202	Resp:	1335606
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	18.4	15.0	22.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.38 ng

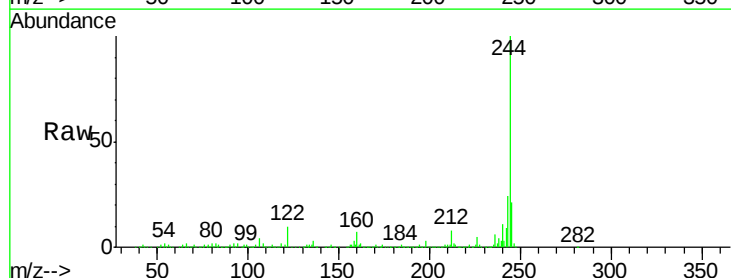
RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

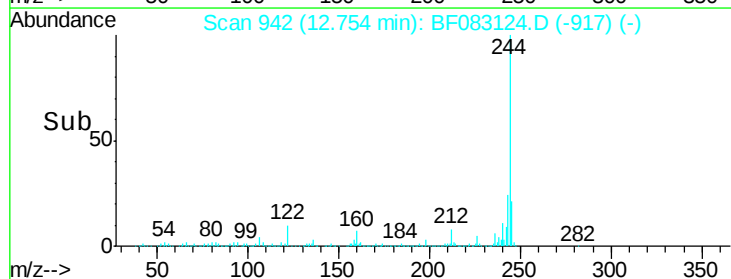
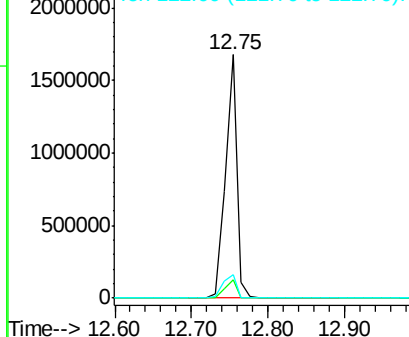
Lab File: BF083124.D

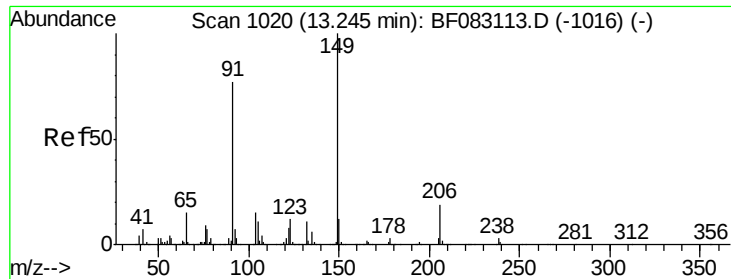
Acq: 21 Nov 2015 21:31

Tgt Ion:	244	Resp:	1758960
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.2
122	9.8	4.3	6.5#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





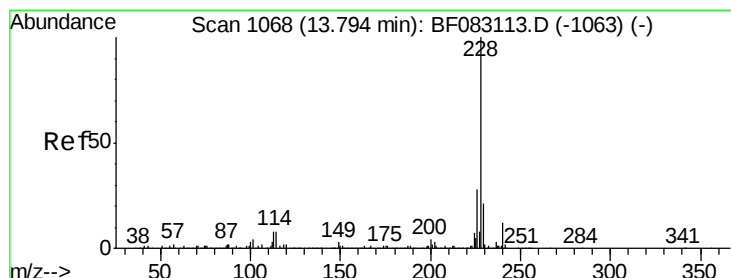
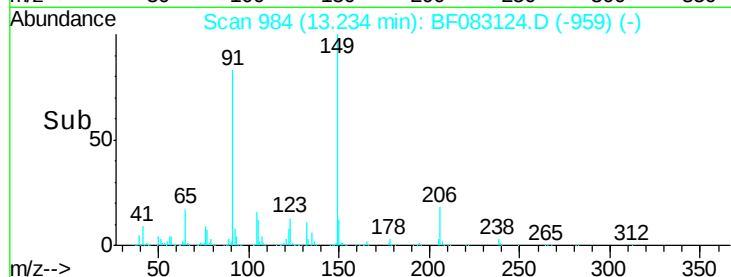
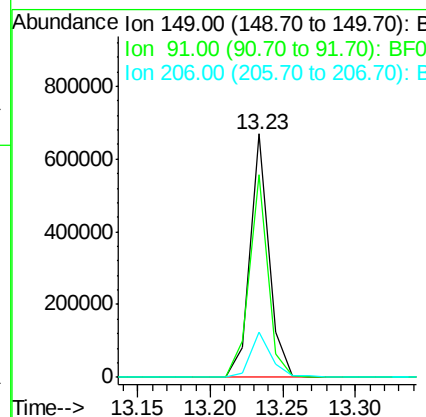
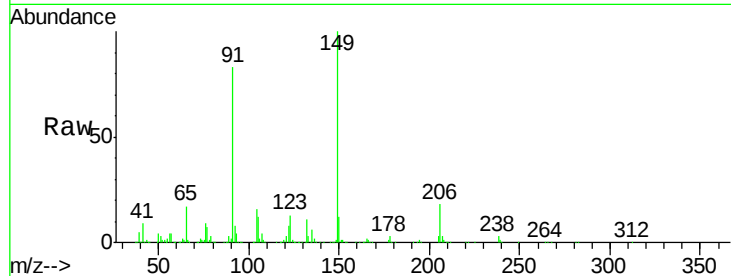
#79
Butylbenzylphthalate
Concen: 29.73 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	608893		
91	83.2	61.5	92.3	
206	18.5	15.3	22.9	

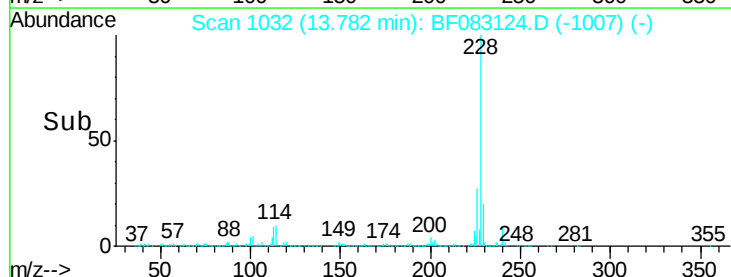
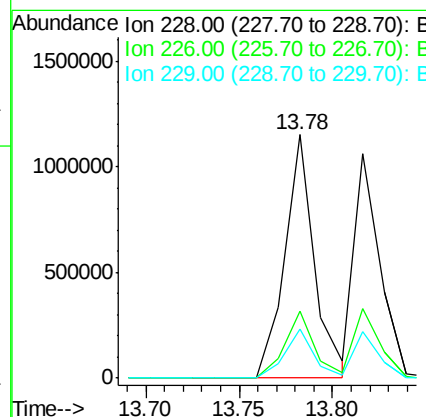
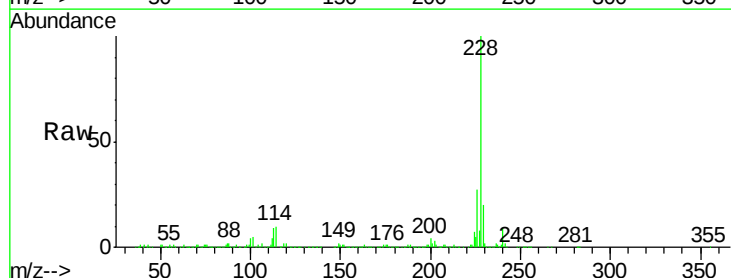
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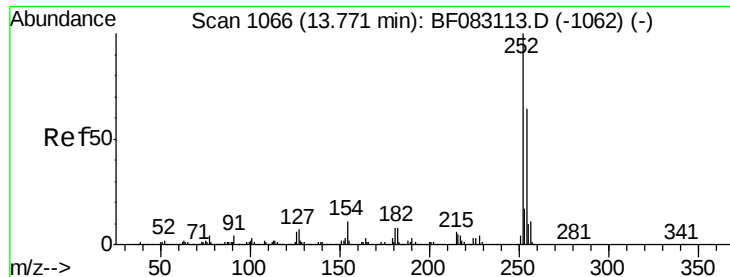
Mmdadoda
11/23/2015 7:01:27 PM



#80
Benzo(a)anthracene
Concen: 32.53 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1274565		
226	27.5	22.6	33.8	
229	20.2	16.6	24.8	





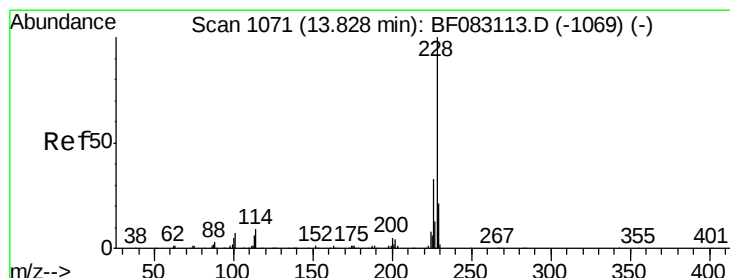
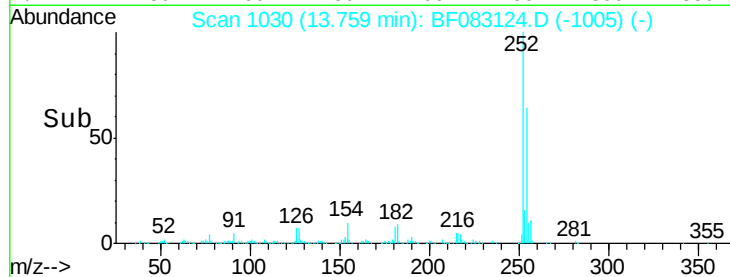
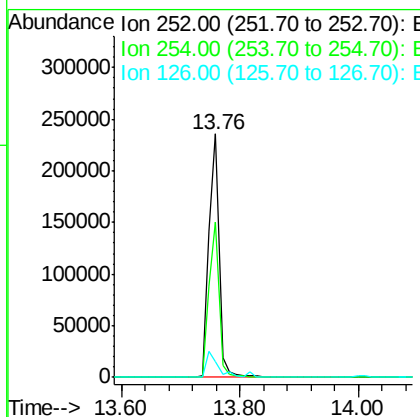
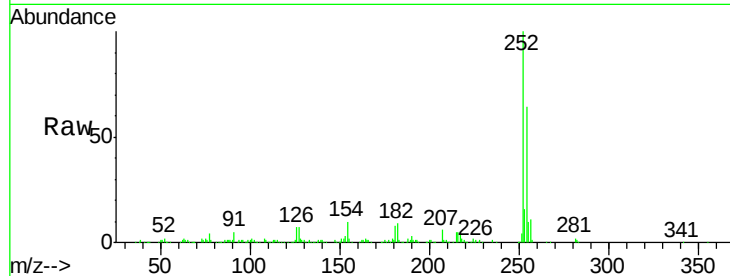
#81
 3,3'-Dichlorobenzidine
 Concen: 20.75 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	283021		
254	63.9	51.5	77.3	
126	6.5	5.2	7.8	

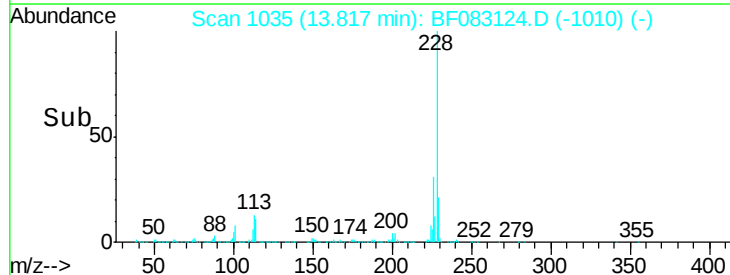
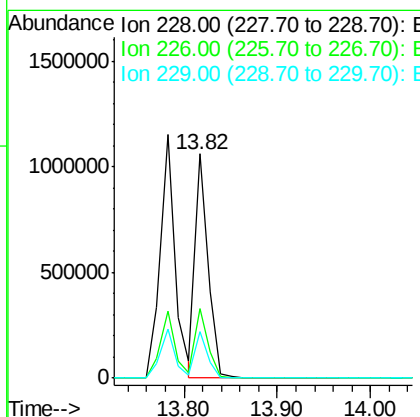
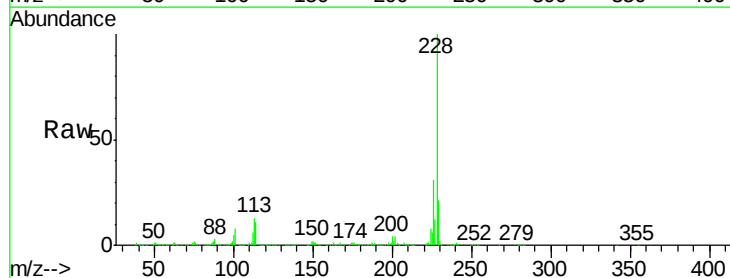
Manual Integrations
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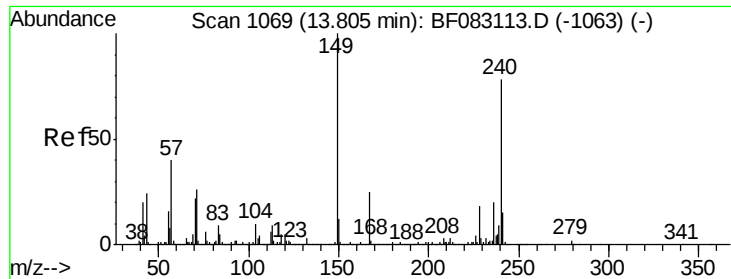
Mmdadoda
 11/23/2015 7:01:27 PM



#82
 Chrysene
 Concen: 28.41 ng
 RT: 13.82 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1032422		
226	30.8	25.5	38.3	
229	20.6	16.6	25.0	





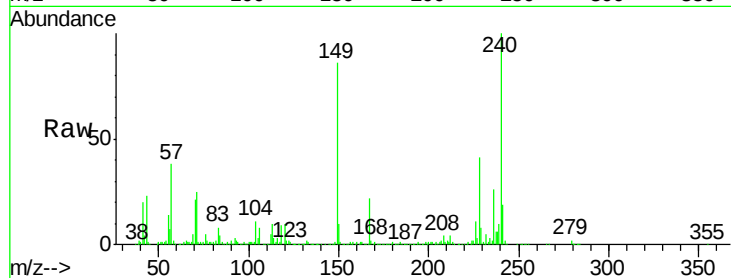
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.09 ng
 RT: 13.79 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.3	20.1	30.1	
279	1.8	1.7	2.5	

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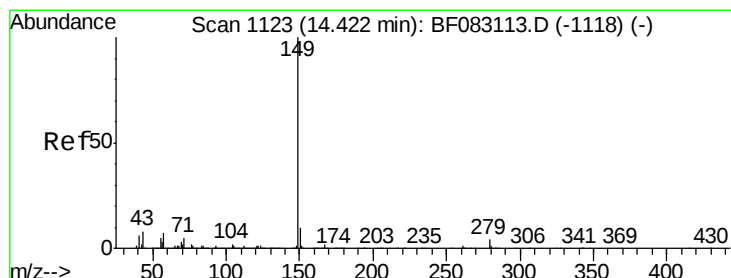
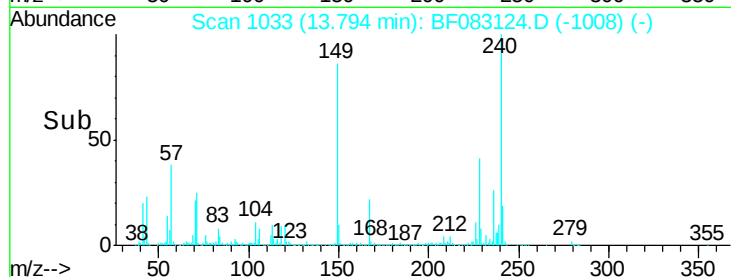
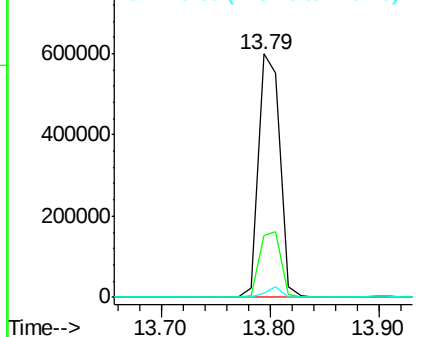


Abundance

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: 32.30 ng
 RT: 14.41 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF083124.D
 Acq: 21 Nov 2015 21:31

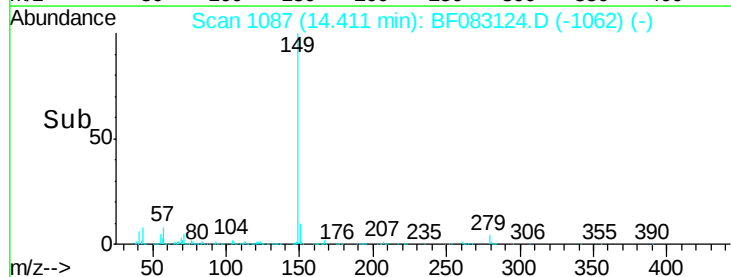
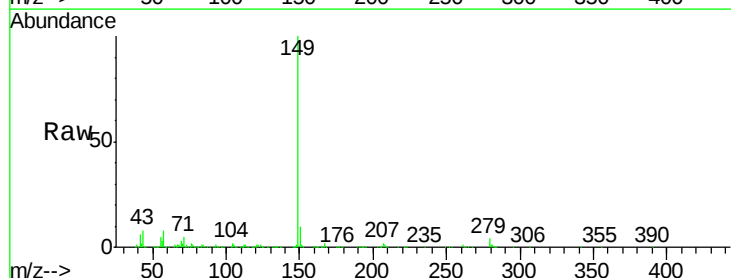
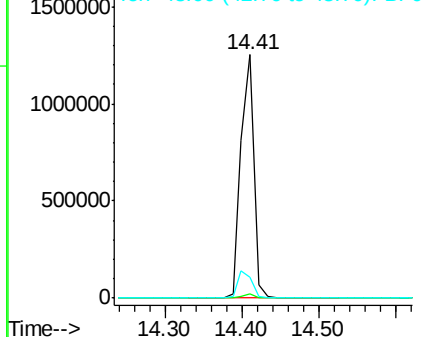
Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	12.0	9.5	14.3	

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: 30.36 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

Tot Ion:276 Resp: 1003495

Ion Ratio Lower Upper

276 100

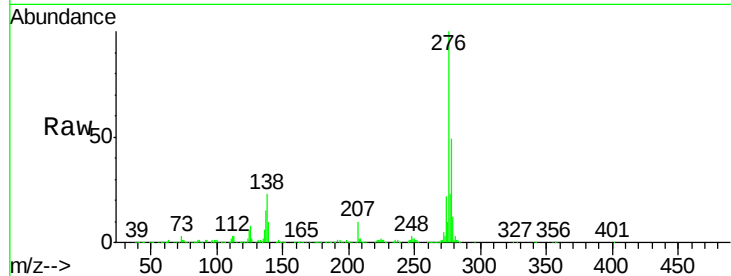
138 23.9 18.0 27.0

277 24.8 20.2 30.4

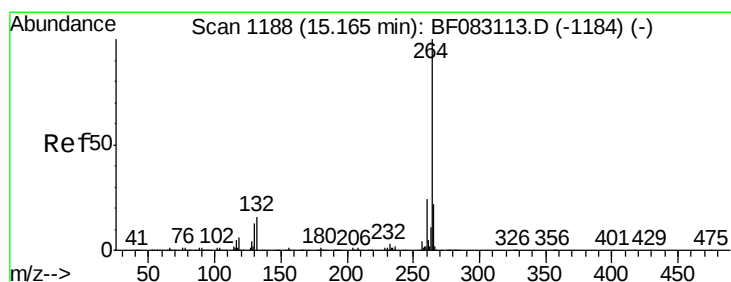
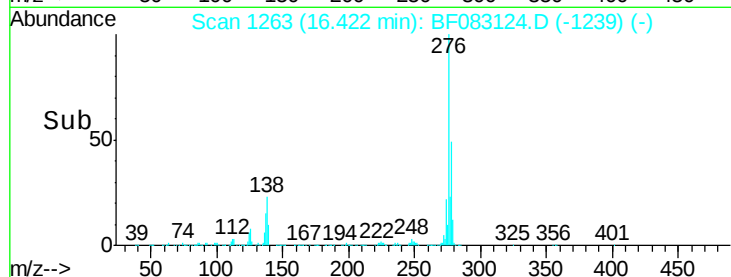
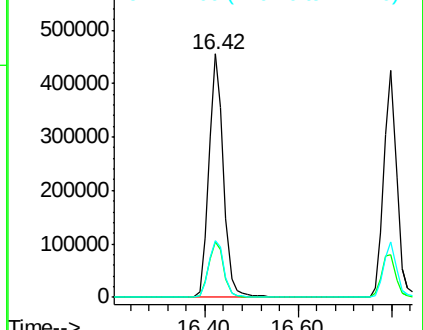
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

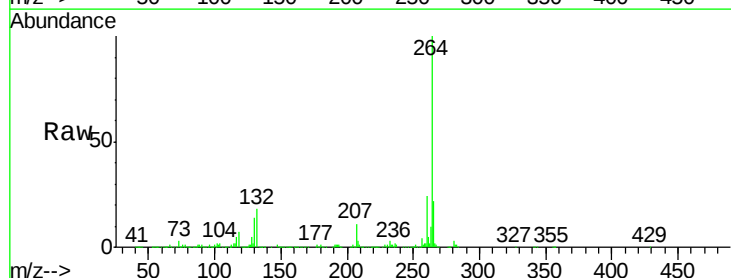
Tgt Ion:264 Resp: 562261

Ion Ratio Lower Upper

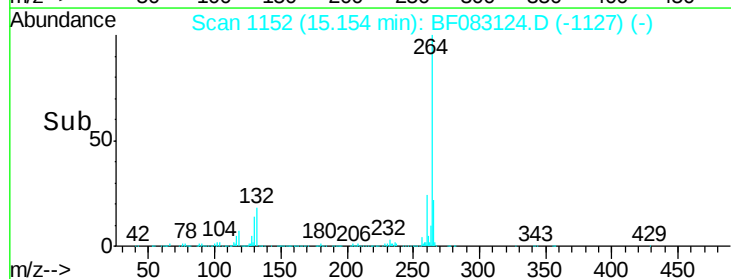
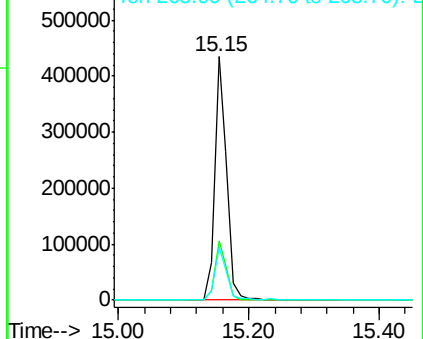
264 100

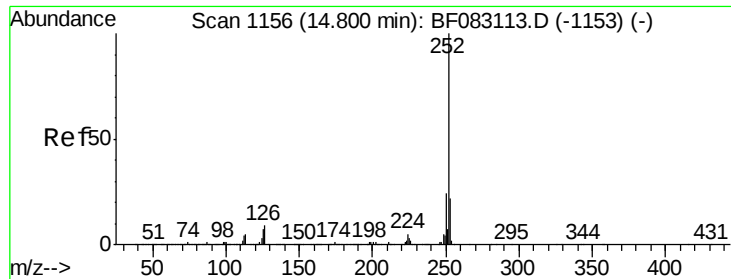
260 24.2 19.1 28.7

265 21.9 18.2 27.4



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





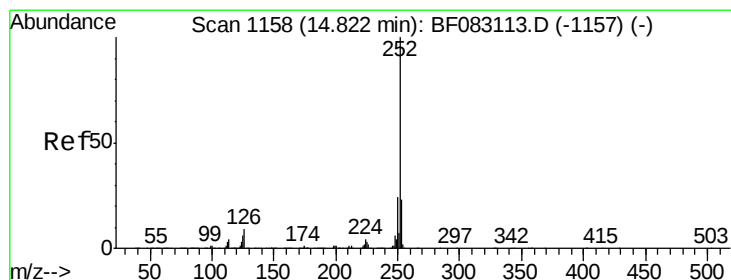
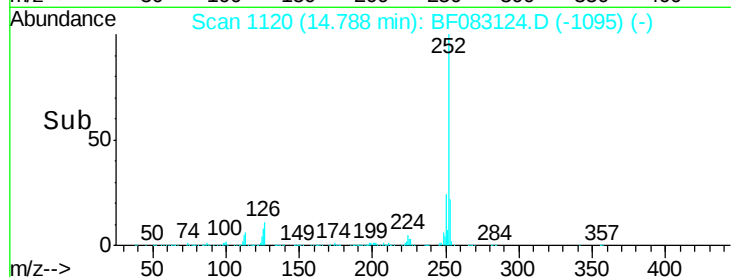
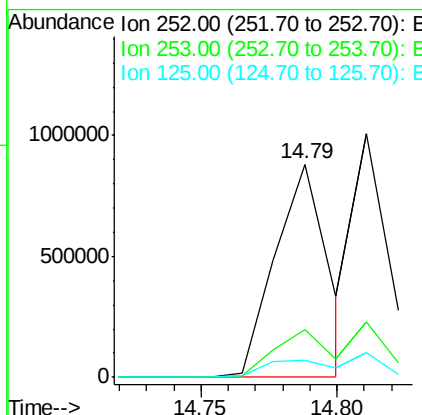
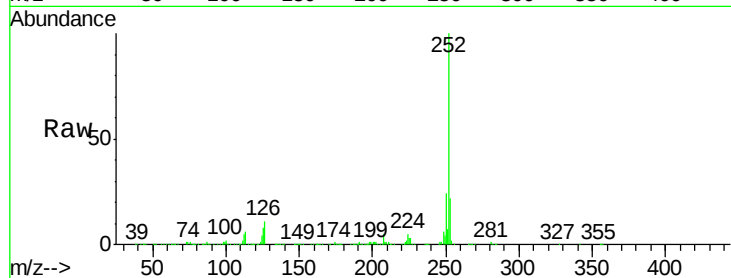
#87
Benzo(b)fluoranthene
Concen: 30.65 ng m
RT: 14.79 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	8.1	5.6	8.4

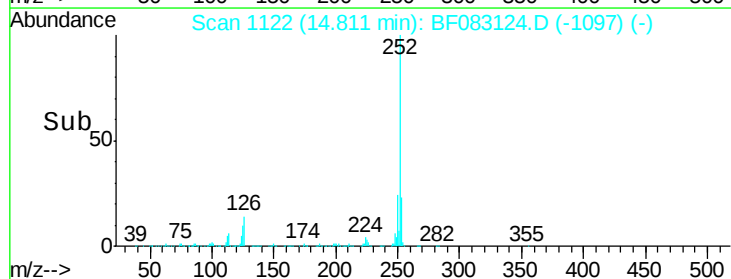
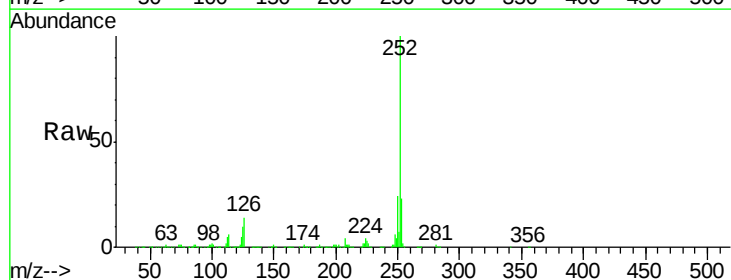
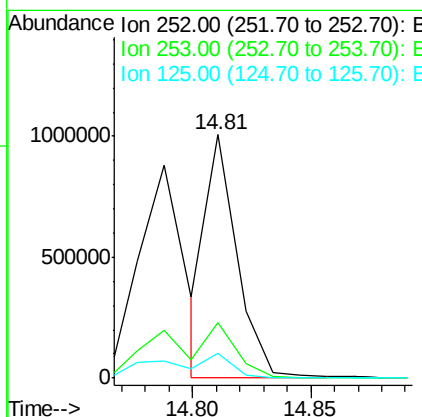
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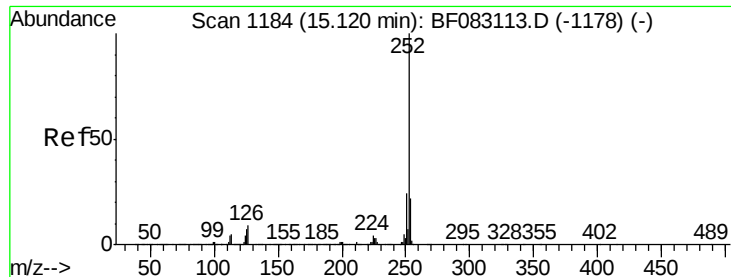
Mmdadoda
11/23/2015 7:01:27 PM



#88
Benzo(k)fluoranthene
Concen: 31.78 ng m
RT: 14.81 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.0	6.8	10.2





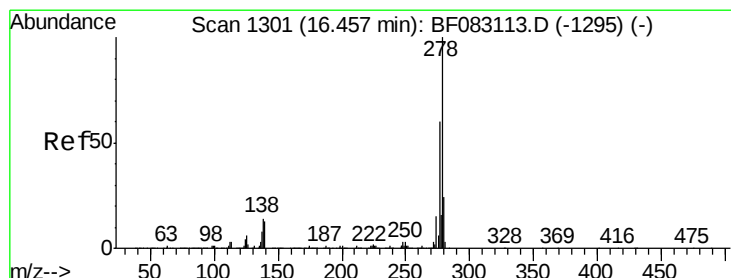
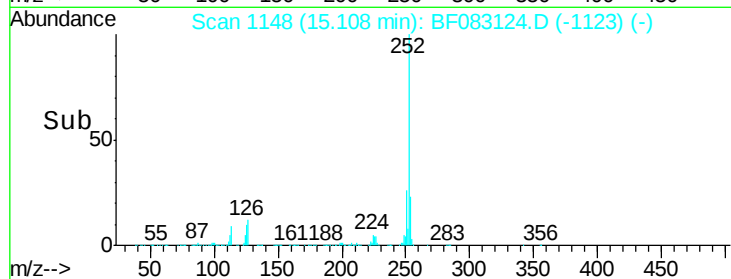
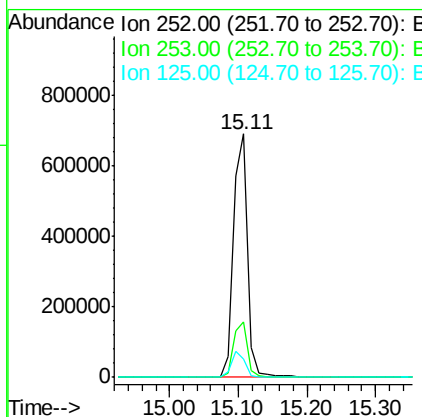
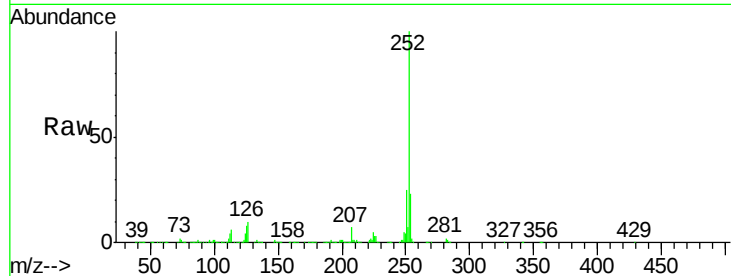
#89
Benzo(a)pyrene
Concen: 31.15 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	7.7	5.4	8.0

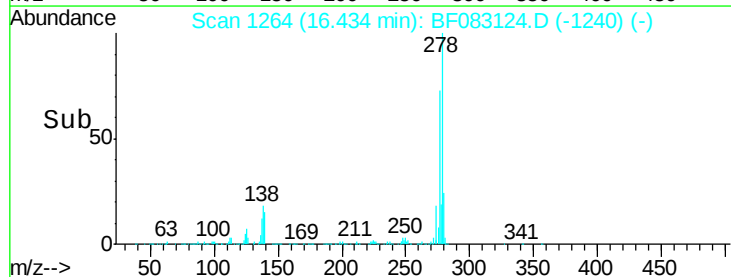
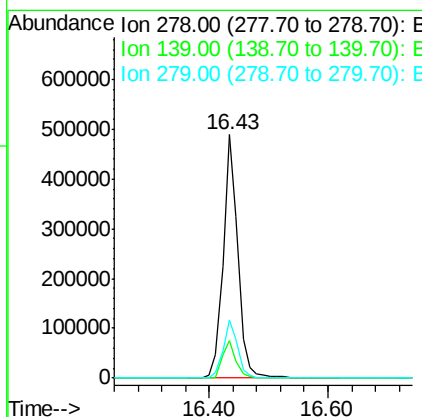
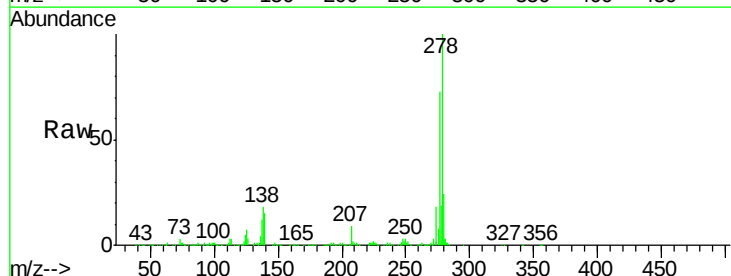
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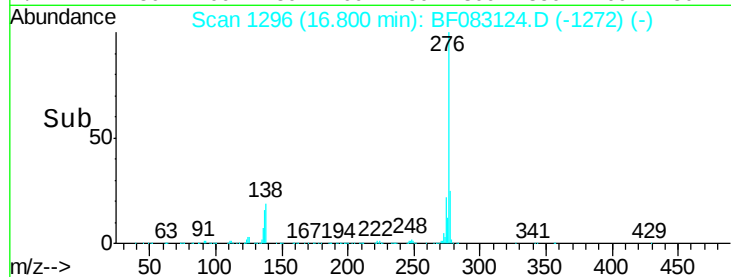
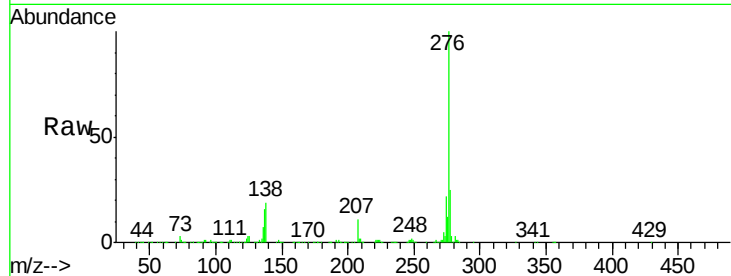
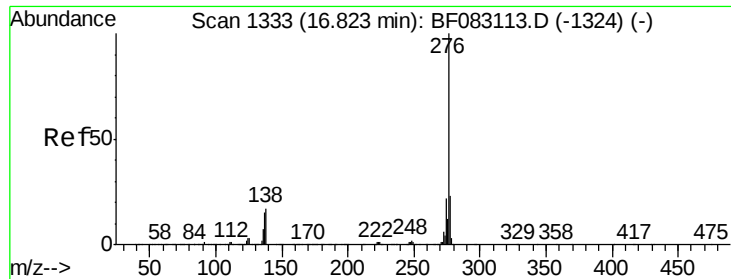
Mmdadoda
11/23/2015 7:01:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 29.24 ng
RT: 16.43 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF083124.D
Acq: 21 Nov 2015 21:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	10.7	16.1
279	23.8	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 29.11 ng

RT: 16.80 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF083124.D

Acq: 21 Nov 2015 21:31

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

Tot Ion:	276	Resp:	818750
Ion Ratio		Lower	Upper
276	100		
277	24.5	18.7	28.1
138	18.7	13.9	20.9

Manual Integrations
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