

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081044.D
 Acq On : 18 Aug 2015 15:53
 Operator : UM/IZ
 Sample : PB85041BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:17:46 PM

Quant Time: Aug 19 01:07:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	47758	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	210549	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	97260	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	204978	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	188496	20.00	ng	-0.01
86) Perylene-d12	15.07	264	167836	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	232656	73.27	ng	-0.01
7) Phenol-d6	6.25	99	324469	78.32	ng	-0.01
23) Nitrobenzene-d5	7.18	82	292432	63.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	59986	71.15	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	488335	65.79	ng	-0.02
78) Terphenyl-d14	12.70	244	582630	66.26	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.07	88	44157	29.51	ng	93
3) Pyridine	2.70	79	125593	29.74	ng	84
4) n-Nitrosodimethylamine	2.64	42	81881	34.82	ng	# 81
6) Aniline	6.26	93	153947	25.56	ng	# 33
8) 2-Chlorophenol	6.39	128	137532	39.57	ng	96
9) Benzaldehyde	6.15	77	79016	29.59	ng	89
10) Phenol	6.26	94	162638	33.24	ng	# 77
11) bis(2-Chloroethyl)ether	6.35	93	141999	37.82	ng	99
12) 1,3-Dichlorobenzene	6.55	146	133768	35.82	ng	96
13) 1,4-Dichlorobenzene	6.63	146	136529	36.92	ng	98
14) 1,2-Dichlorobenzene	6.78	146	131349	37.95	ng	96
15) Benzyl Alcohol	6.76	79	134100	40.01	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	6.90	45	276197	37.44	ng	99
17) 2-Methylphenol	6.88	107	107252	35.97	ng	96
18) Hexachloroethane	7.12	117	54089	36.20	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	113028	39.39	ng	90
20) 3+4-Methylphenols	7.04	107	150700	39.82	ng	# 46
22) Acetophenone	7.03	105	205213	37.12	ng	# 88
24) Nitrobenzene	7.20	77	177038	36.74	ng	94
25) Isophorone	7.44	82	282059	32.82	ng	99
26) 2-Nitrophenol	7.52	139	72567	36.21	ng	# 60
27) 2,4-Dimethylphenol	7.56	122	124410	35.09	ng	94
28) bis(2-Chloroethoxy)methane	7.66	93	164152	32.33	ng	99
29) 2,4-Dichlorophenol	7.76	162	115234	38.60	ng	92
30) 1,2,4-Trichlorobenzene	7.84	180	111582	33.63	ng	97
31) Naphthalene	7.92	128	409745	34.91	ng	99
32) Benzoic acid	7.69	122	93091	46.68	ng	95
33) 4-Chloroaniline	7.98	127	91346	18.45	ng	# 82
34) Hexachlorobutadiene	8.04	225	64369	34.31	ng	98
35) Caprolactam	8.34	113	39256m	37.63	ng	
36) 4-Chloro-3-methylphenol	8.47	107	140503	39.49	ng	90
37) 2-Methylnaphthalene	8.60	142	254531	34.33	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	116476	37.12	ng	99
40) Hexachlorocyclopentadiene	8.76	237	130231	80.18	ng	99

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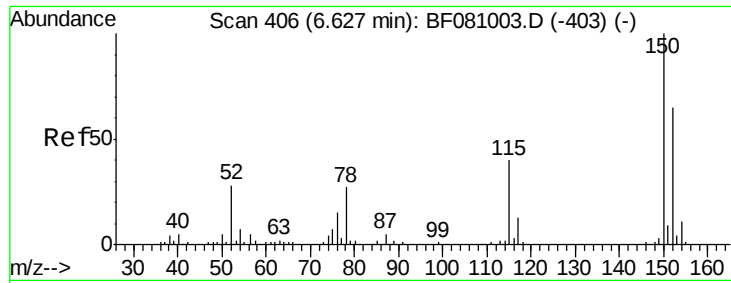
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	88557	39.95	nq	99
43) 2,4,5-Trichlorophenol	8.92	196	77326	34.90	nq	# 86
45) 1,1'-Biphenyl	9.07	154	343159	40.06	nq	98
46) 2-Chloronaphthalene	9.10	162	232893	33.84	nq	98
47) 2-Nitroaniline	9.19	65	93284	33.12	nq	100
48) Acenaphthylene	9.50	152	389424	31.63	nq	98
49) Dimethylphthalate	9.38	163	317550	39.64	nq	100
50) 2,6-Dinitrotoluene	9.44	165	70466	40.97	nq	99
51) Acenaphthene	9.67	154	250758	34.02	nq	99
52) 3-Nitroaniline	9.60	138	52896	24.58	nq	99
53) 2,4-Dinitrophenol	9.71	184	87982	89.20	nq	# 54
54) Dibenzofuran	9.85	168	361584	36.61	nq	98
55) 4-Nitrophenol	9.77	139	115448	76.38	nq	85
56) 2,4-Dinitrotoluene	9.84	165	95698	41.98	nq	91
57) Fluorene	10.18	166	261558	34.43	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	66083m	38.54	nq	
59) Diethylphthalate	10.08	149	348487	41.10	nq	96
60) 4-Chlorophenyl-phenylether	10.18	204	123189	38.32	nq	100
61) 4-Nitroaniline	10.22	138	87021	39.56	nq	83
62) Azobenzene	10.34	77	394758	40.41	nq	97
64) 4,6-Dinitro-2-methylphenol	10.24	198	46113	37.67	nq	98
65) n-Nitrosodiphenylamine	10.31	169	266829	36.47	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	73793	36.65	nq	99
67) Hexachlorobenzene	10.73	284	77931	38.21	nq	97
68) Atrazine	10.83	200	80574	39.52	nq	98
69) Pentachlorophenol	10.92	266	98211	80.27	nq	99
70) Phenanthrene	11.14	178	428831	35.30	nq	99
71) Anthracene	11.19	178	451994	38.24	nq	99
72) Carbazole	11.35	167	474944	41.73	nq	99
73) Di-n-butylphthalate	11.69	149	561605	40.78	nq	99
74) Fluoranthene	12.32	202	501682	38.27	nq	99
76) Benzidine	12.45	184	274842	38.60	nq	99
77) Pyrene	12.54	202	483355	31.54	nq	99
79) Butylbenzylphthalate	13.18	149	270238	41.03	nq	# 78
80) Benzo(a)anthracene	13.73	228	465623	36.83	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	94511	23.08	nq	99
82) Chrysene	13.76	228	421303	36.98	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	352914	41.83	nq	# 97
84) Di-n-octyl phthalate	14.34	149	636313	49.62	nq	98
85) Indeno(1,2,3-cd)pyrene	16.30	276	376143	47.03	nq	# 94
87) Benzo(b)fluoranthene	14.72	252	456112m	38.42	nq	
88) Benzo(k)fluoranthene	14.74	252	317696m	28.72	nq	
89) Benzo(a)pyrene	15.03	252	393998	38.09	nq	98
90) Dibenzo(a,h)anthracene	16.32	278	310150	38.48	nq	97
91) Benzo(g,h,i)perylene	16.66	276	305029	37.30	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

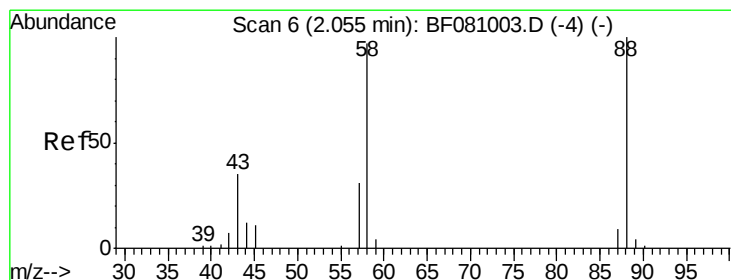
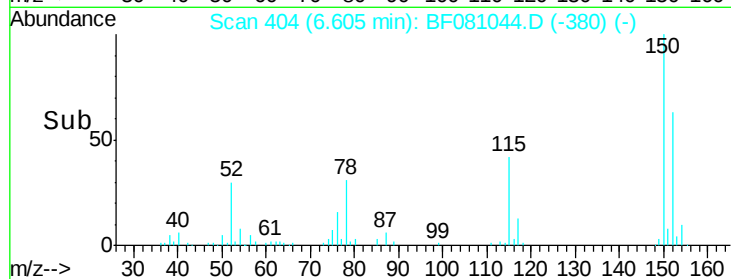
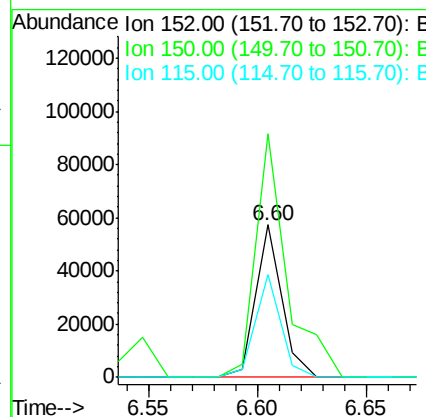
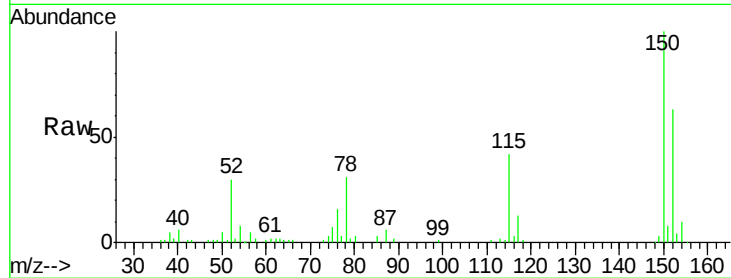
ClientSampleId :

PB85041BS

Manual Integrations
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Tot Ion:	152	Resp:	47758
Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.8	185.6
115	67.2	52.1	78.1



#2

1,4-Dioxane

Concen: 29.51 ng

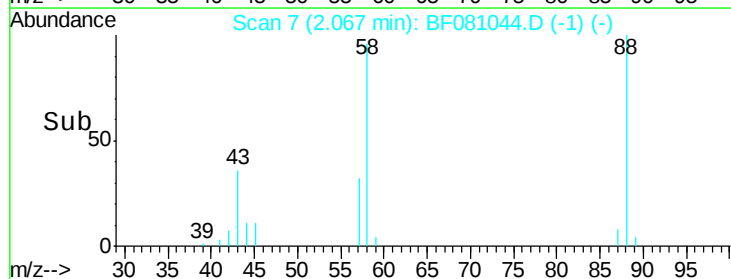
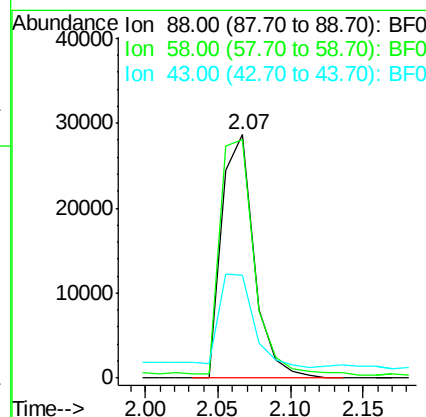
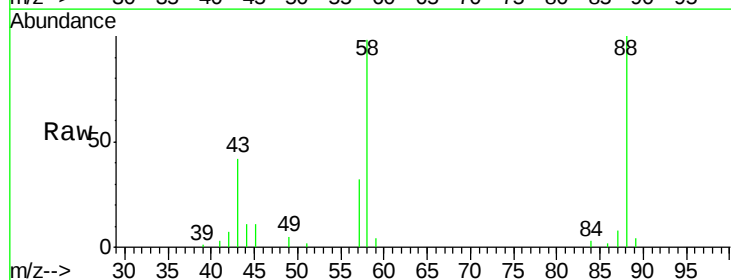
RT: 2.07 min Scan# 7

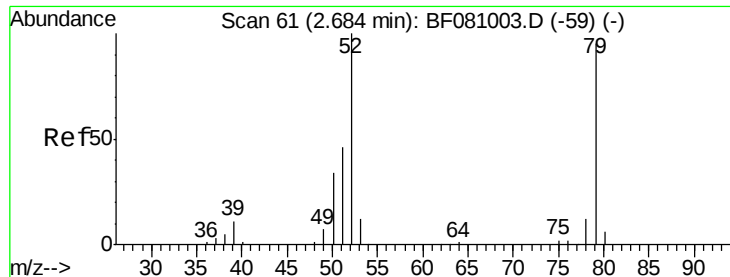
Delta R.T. 0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Tgt Ion:	88	Resp:	44157
Ion	Ratio	Lower	Upper
88	100		
58	110.1	83.7	125.5
43	39.4	37.5	56.3





#3

Pvridine

Concen: 29.74 ng

RT: 2.70 min Scan# 62

Delta R.T. -0.02 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

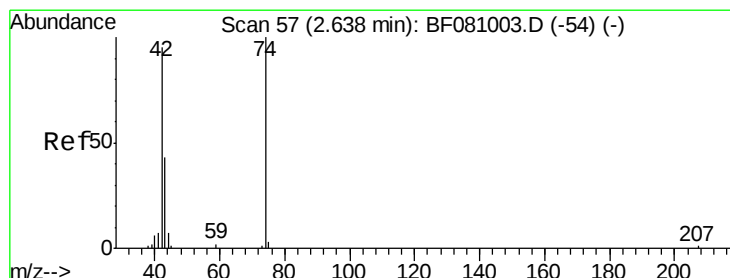
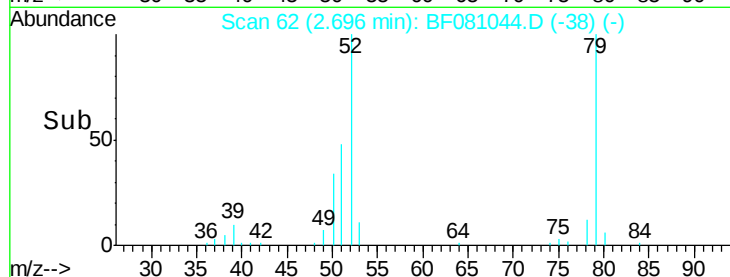
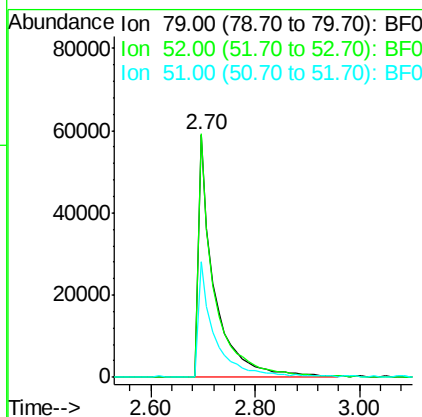
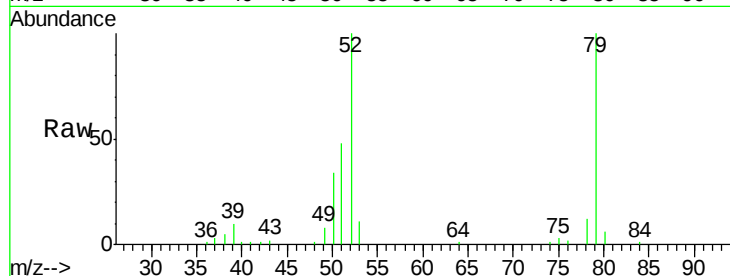
ClientSampleId :

PB85041BS

Tot Ion:	79	Resp:	125593
Ion Ratio	Lower	Upper	
79	100		
52	100.5	95.1	142.7
51	47.8	46.6	70.0

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#4

n-Nitrosodimethylamine

Concen: 34.82 ng

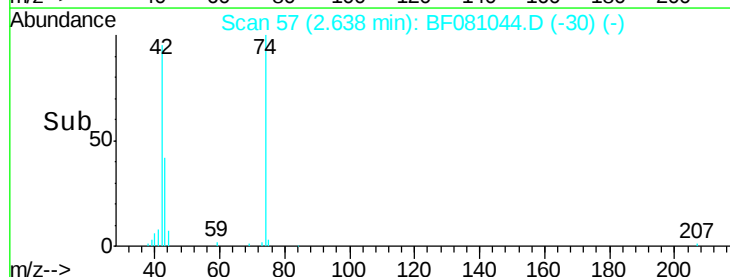
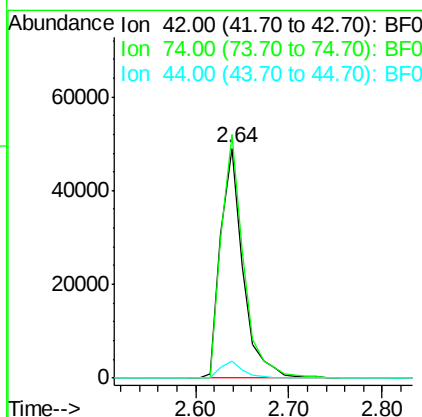
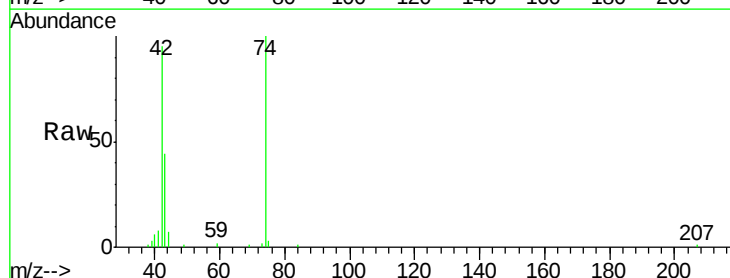
RT: 2.64 min Scan# 57

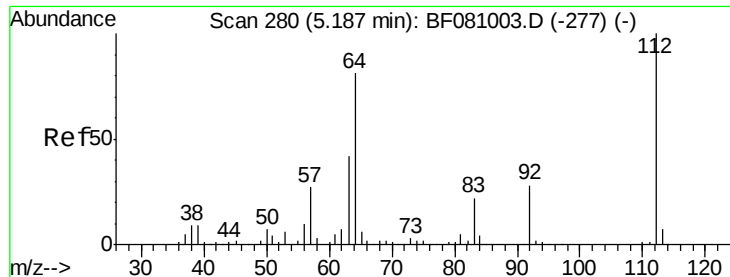
Delta R.T. 0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Tgt Ion:	42	Resp:	81881
Ion Ratio	Lower	Upper	
42	100		
74	105.8	69.3	103.9#
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 73.27 ng

RT: 5.18 min Scan# 279

Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

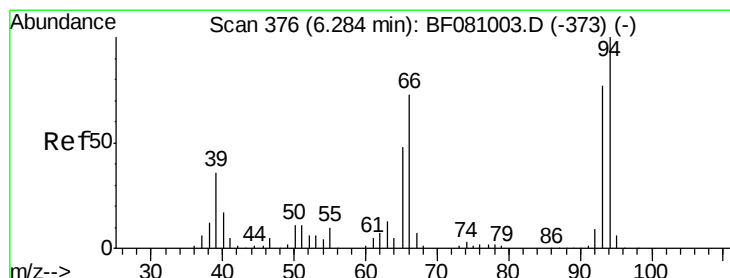
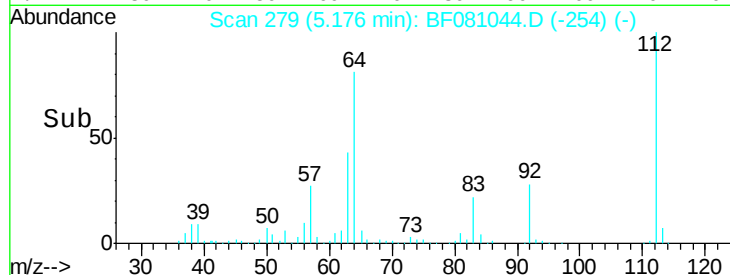
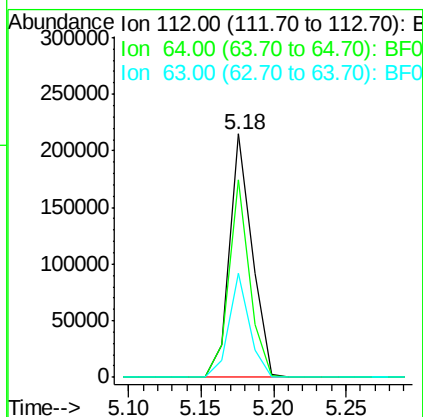
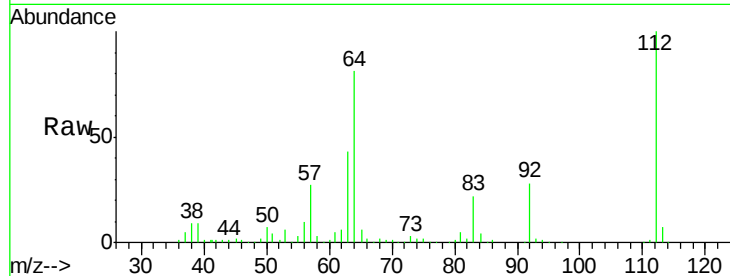
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	232656		
64	81.4	66.9	100.3	
63	42.9	38.1	57.1	

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#6

Aniline

Concen: 25.56 ng

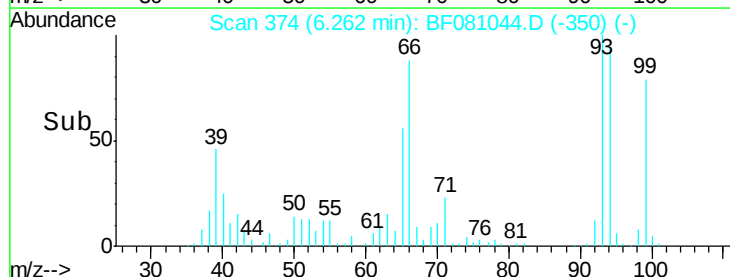
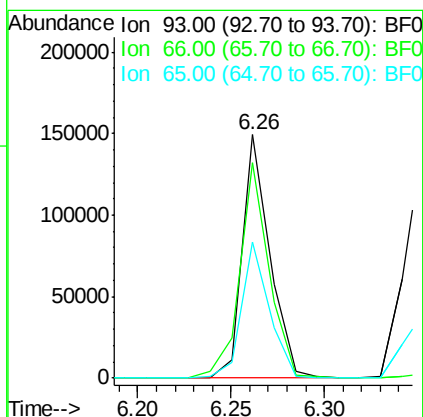
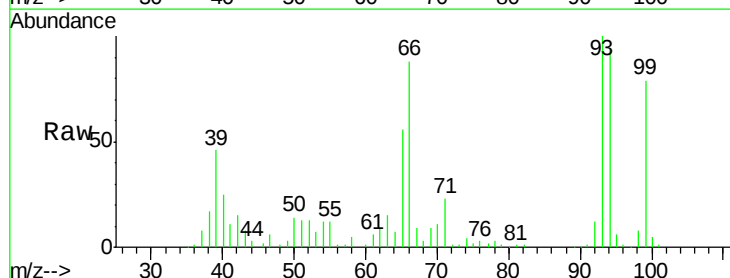
RT: 6.26 min Scan# 374

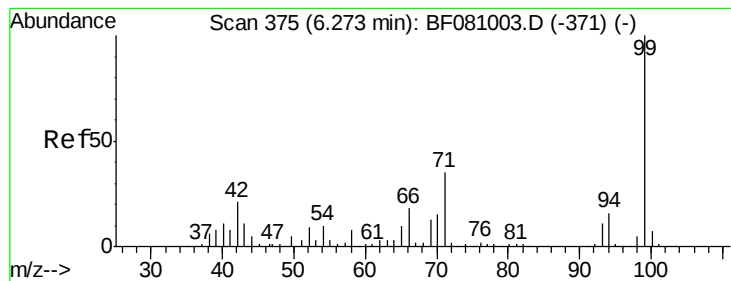
Delta R.T. -0.02 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	153947		
66	88.4	35.6	53.4#	
65	55.7	18.7	28.1#	





#7

Phenol-d6

Concen: 78.32 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

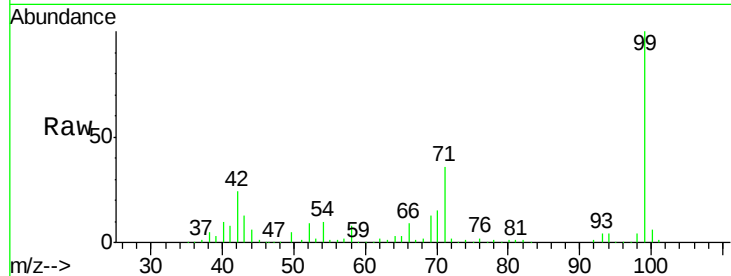
ClientSampleId :

PB85041BS

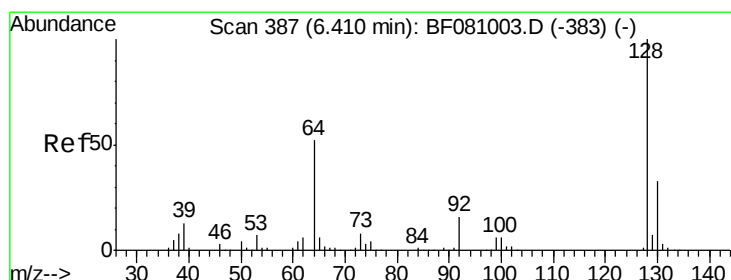
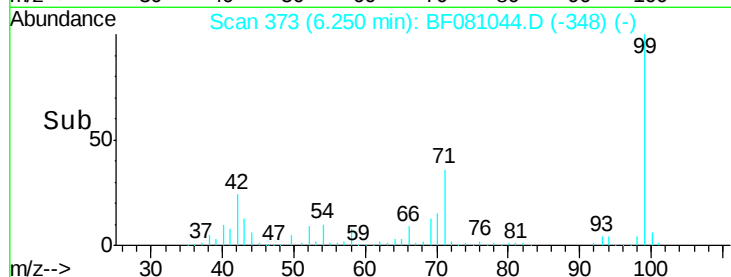
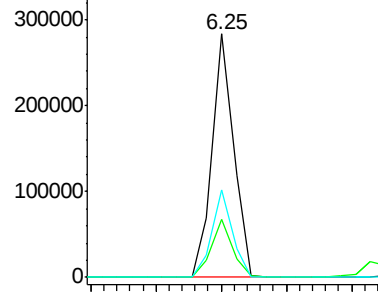
Tot Ion:	99	Resp:	324469
Ion Ratio	Lower	Upper	
99	100		
42	23.8	19.6	29.4
71	36.0	31.2	46.8

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.57 ng

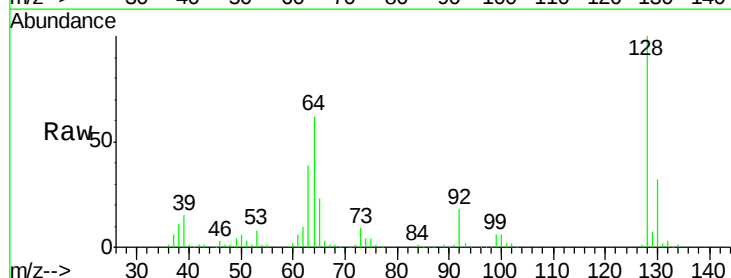
RT: 6.39 min Scan# 385

Delta R.T. -0.01 min

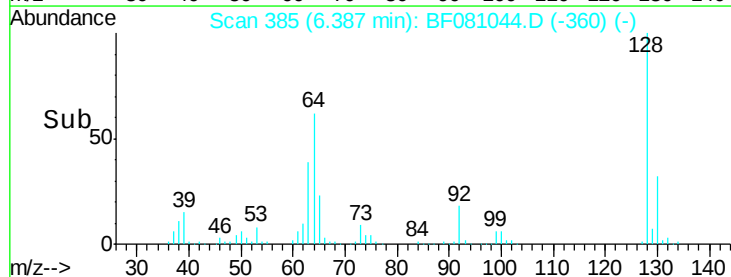
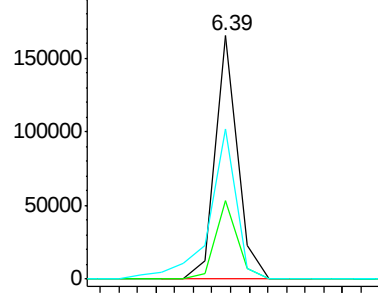
Lab File: BF081044.D

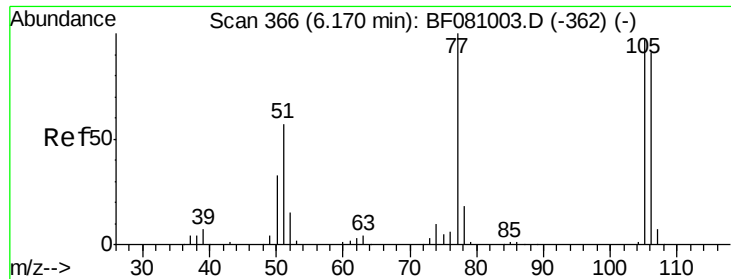
Acq: 18 Aug 2015 15:53

Tgt Ion:	128	Resp:	137532
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.5	52.5
64	61.7	46.8	86.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.59 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

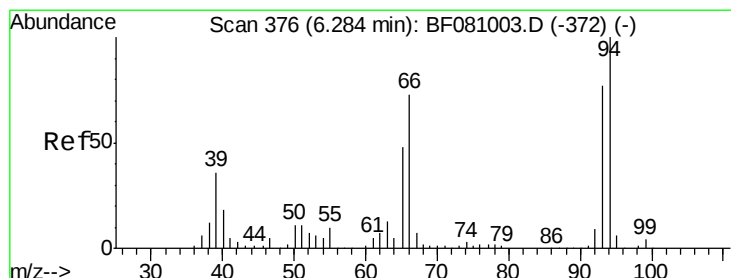
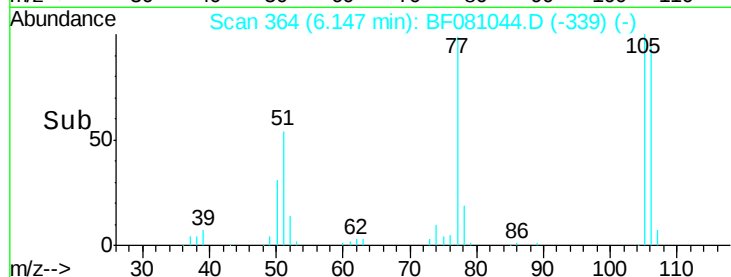
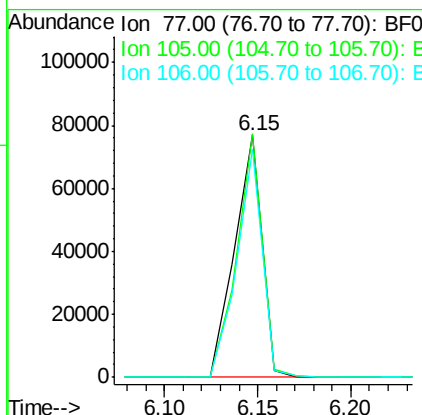
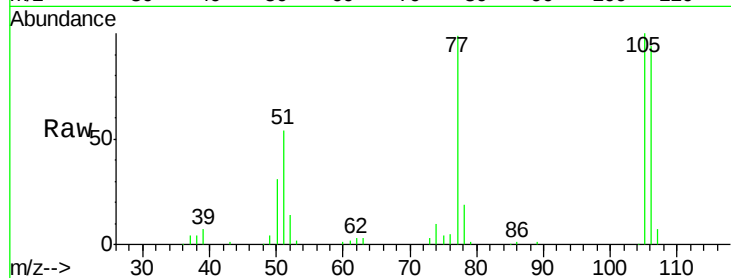
ClientSampleID :

PB85041BS

Manual Integrations
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Tot Ion	77	Resp	79016
Ion	Ratio	Lower	Upper
77	100		
105	100.5	69.6	109.6
106	94.3	64.0	104.0



#10

Phenol

Concen: 33.24 ng

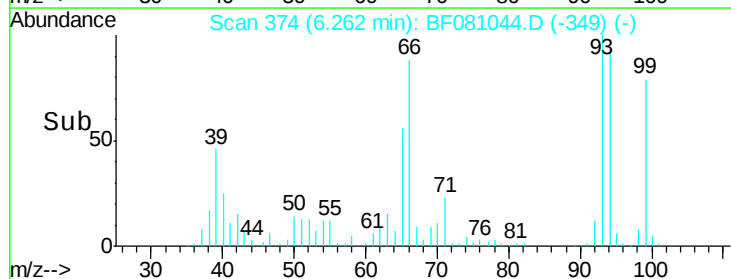
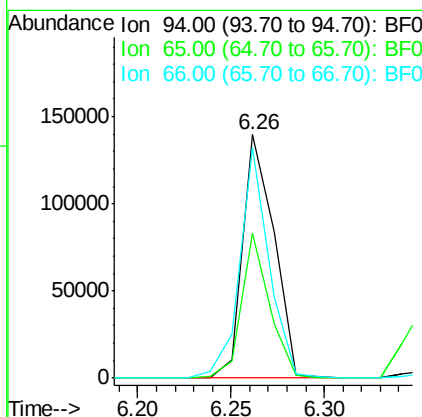
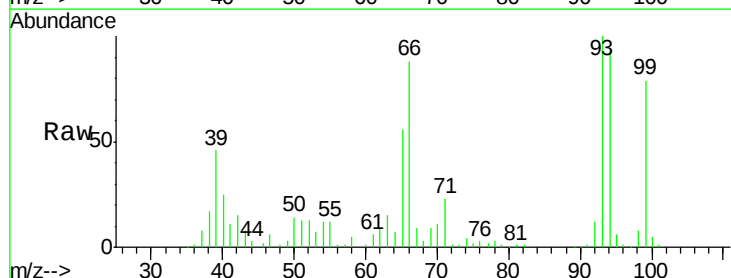
RT: 6.26 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Tgt Ion	94	Resp	162638
Ion	Ratio	Lower	Upper
94	100		
65	59.5	28.4	68.4
66	94.5	52.3	92.3#





#11

bis(2-Chloroethyl)ether

Concen: 37.82 ng

RT: 6.35 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

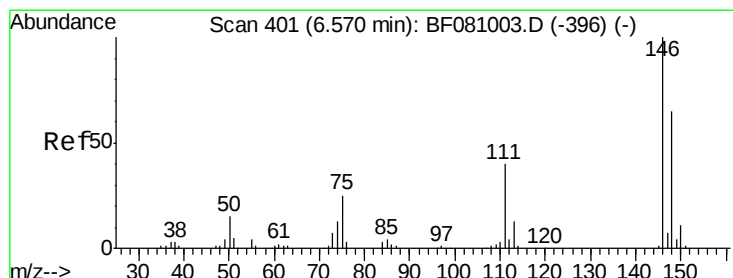
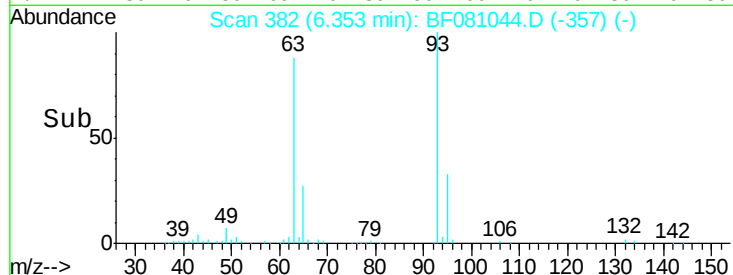
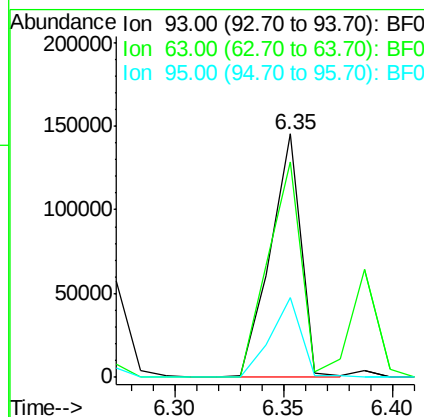
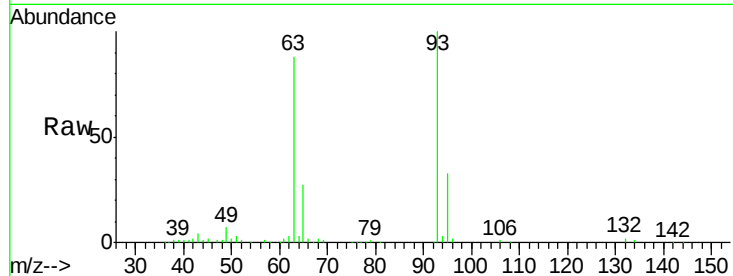
ClientSampleId :

PB85041BS

Tot Ion:	93	Resp:	141999
Ion Ratio	Lower	Upper	
93	100		
63	88.2	69.6	109.6
95	32.8	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 35.82 ng

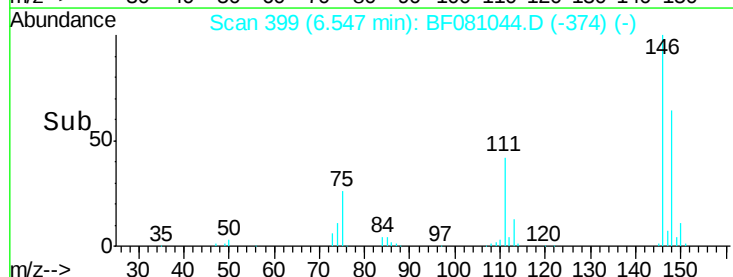
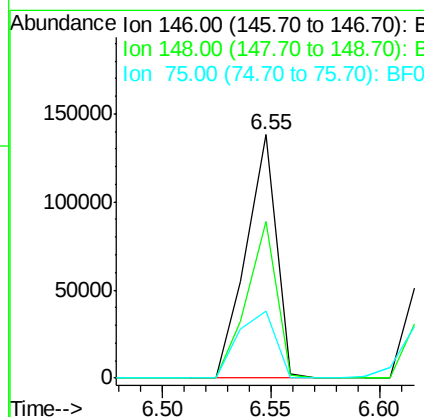
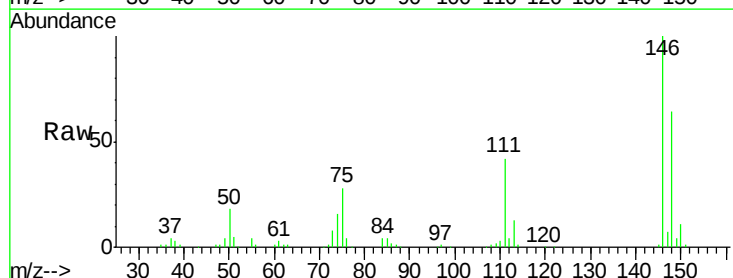
RT: 6.55 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Tgt Ion:	146	Resp:	133768
Ion Ratio	Lower	Upper	
146	100		
148	64.3	53.3	79.9
75	27.6	25.0	37.6





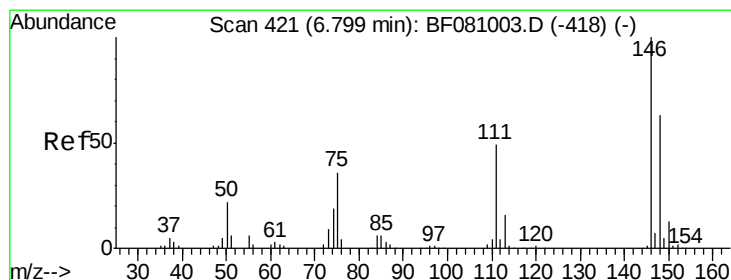
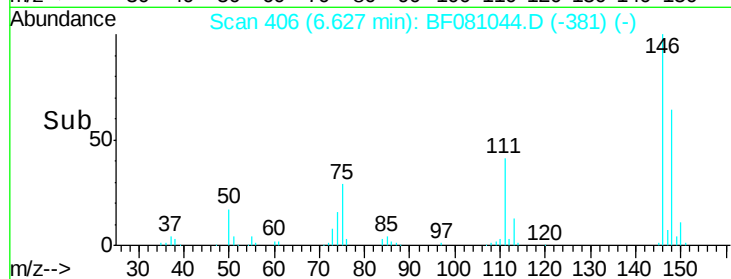
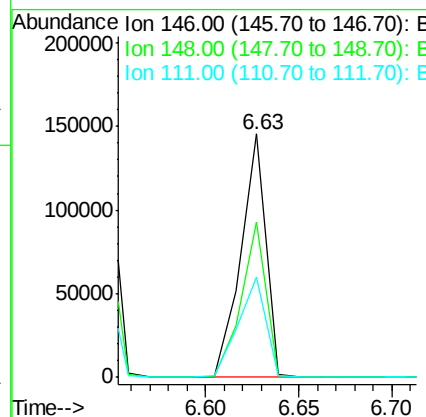
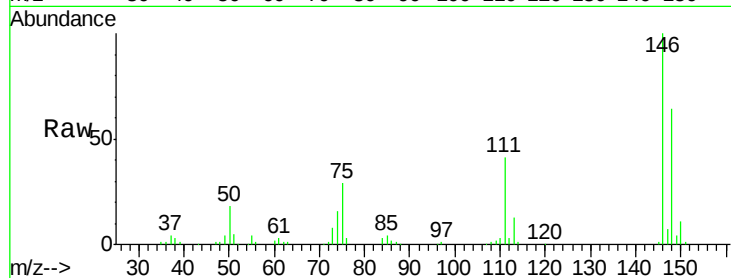
#13
 1,4-Dichlorobenzene
 Concen: 36.92 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.3	78.5
111	41.3	34.4	51.6

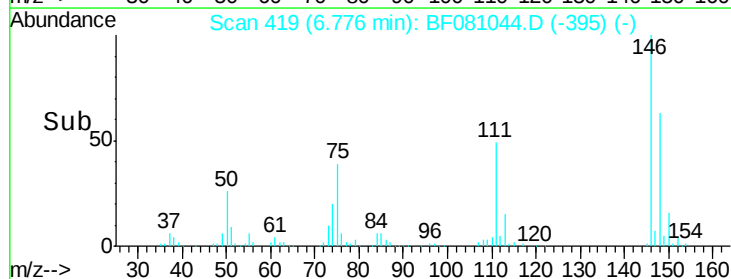
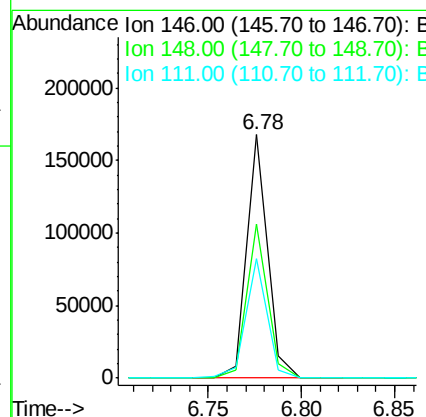
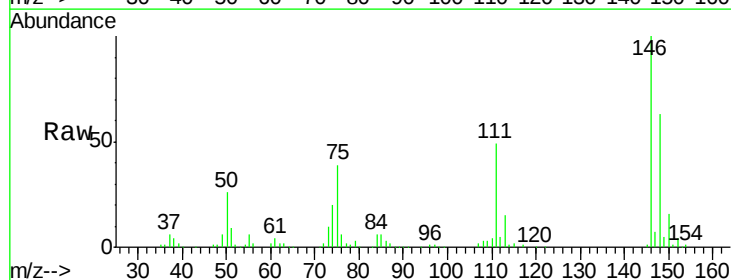
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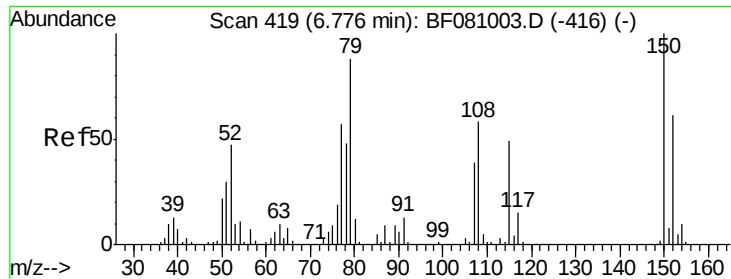
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 8/19/2015 2:17:46 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.95 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	48.7	73.1
111	48.9	42.3	63.5





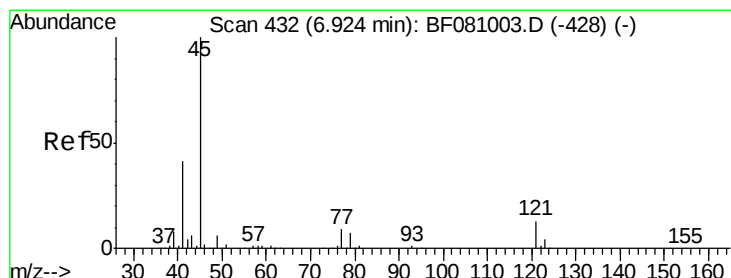
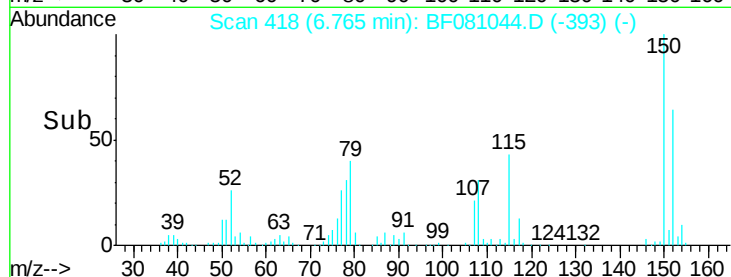
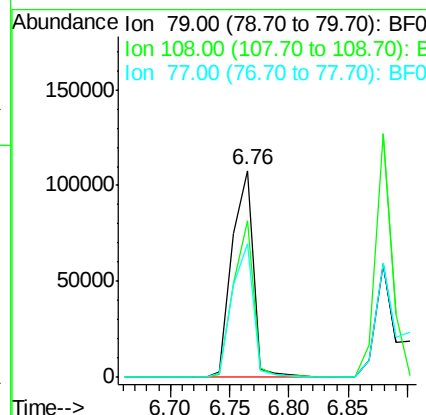
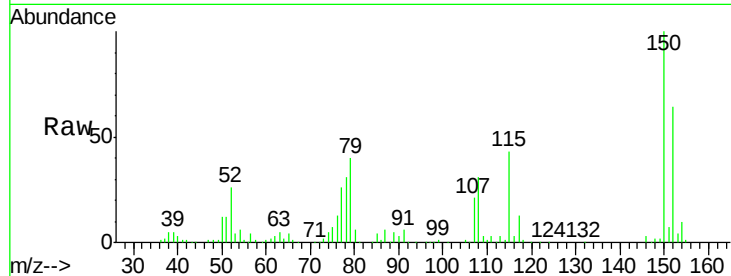
#15
Benzyl Alcohol
Concen: 40.01 ng
RT: 6.76 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	49.4	74.2#
77	64.2	51.4	77.0

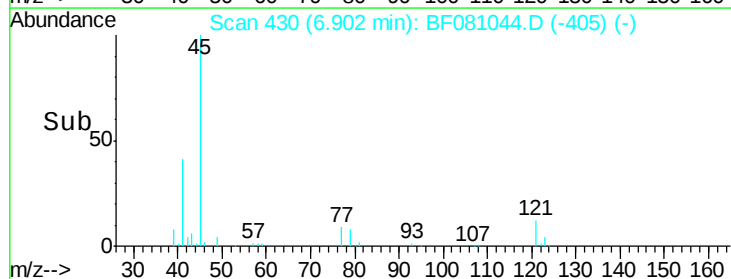
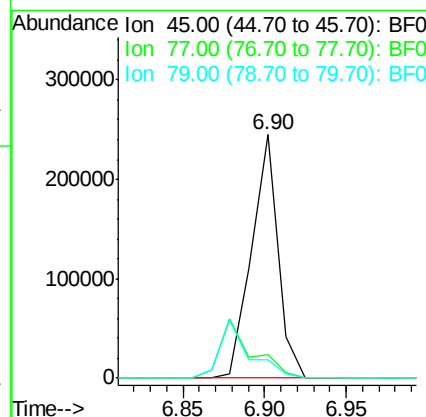
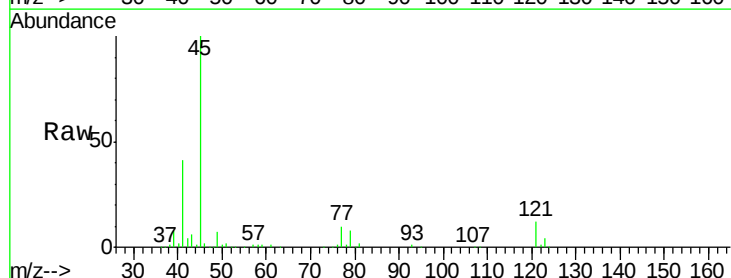
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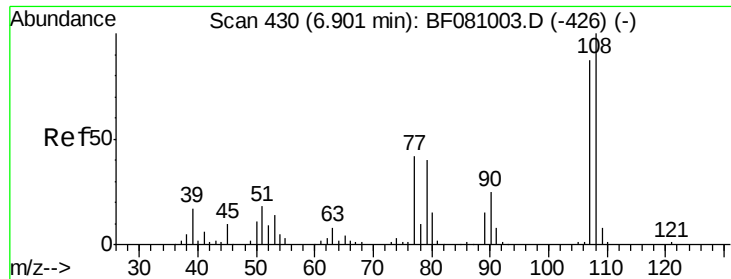
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.44 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	30.2
79	7.6	0.0	28.0





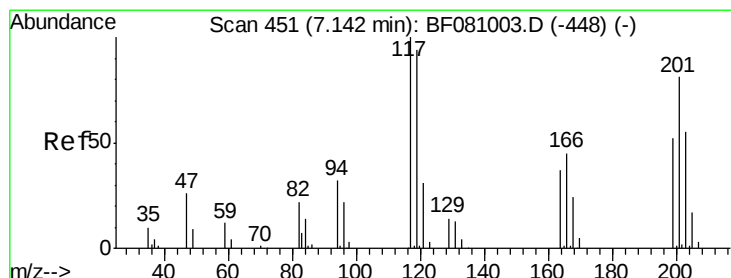
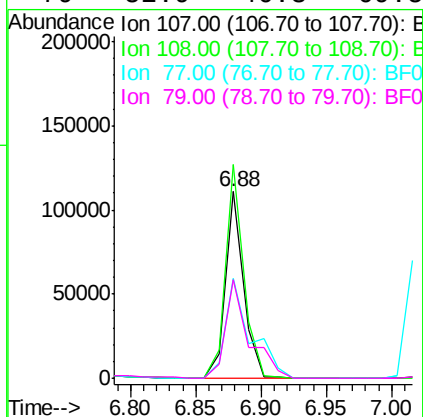
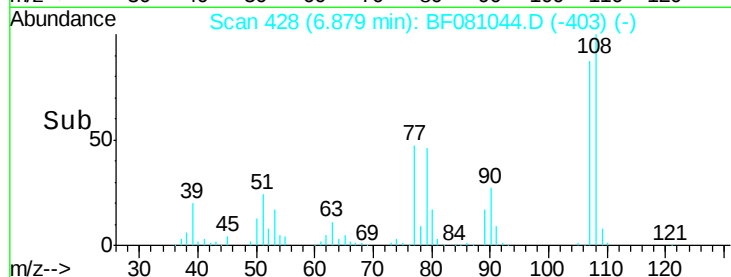
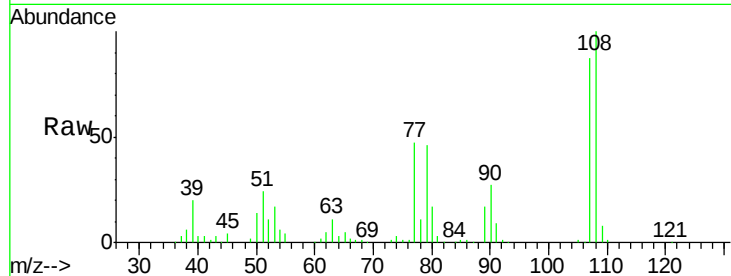
#17
2-Methylphenol
Concen: 35.97 ng
RT: 6.88 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	90.4	135.6	
77	53.7	46.5	69.7	
79	52.9	46.3	69.5	

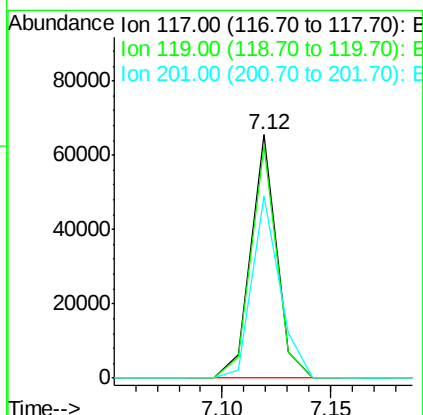
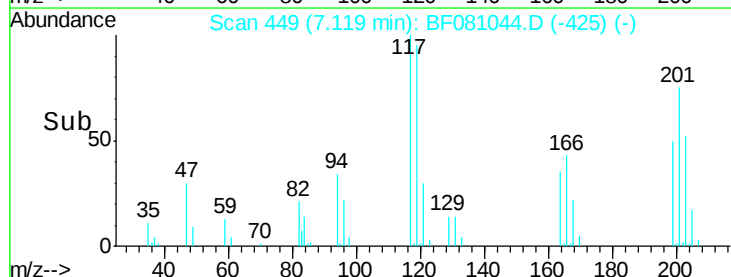
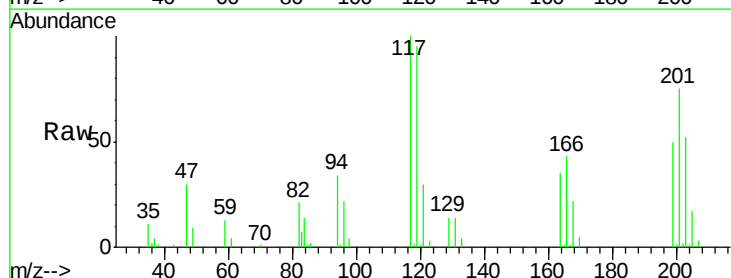
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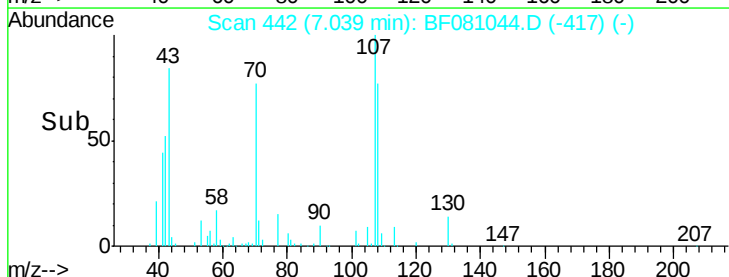
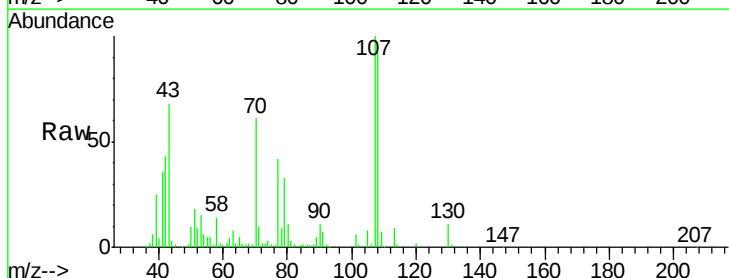
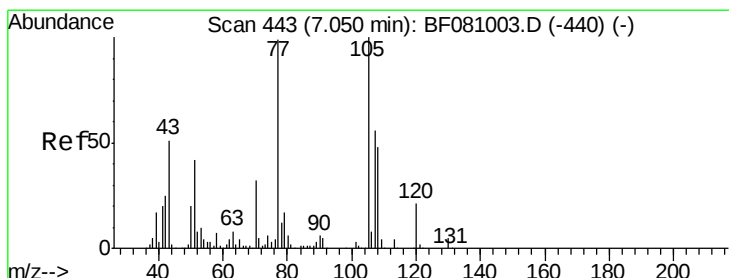
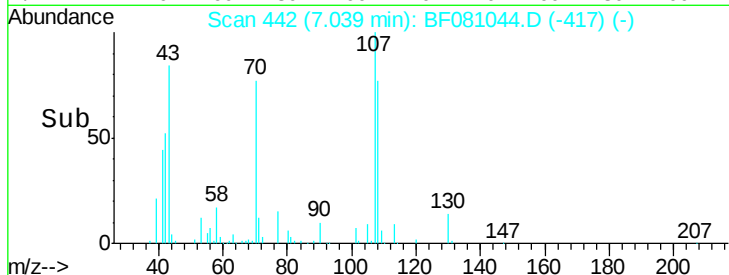
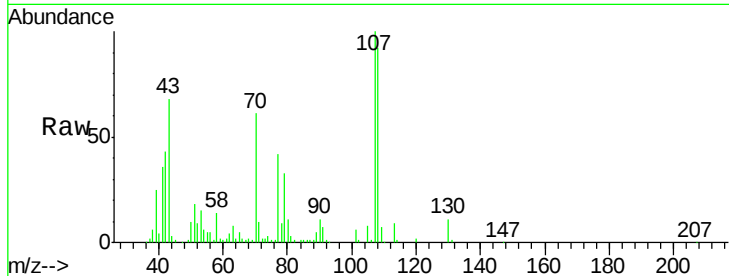
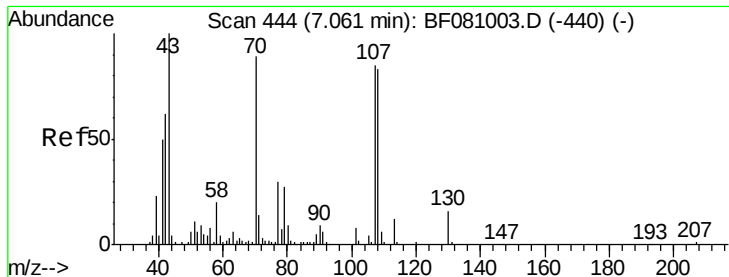
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#18
Hexachloroethane
Concen: 36.20 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.9	116.9	
201	74.6	61.3	91.9	





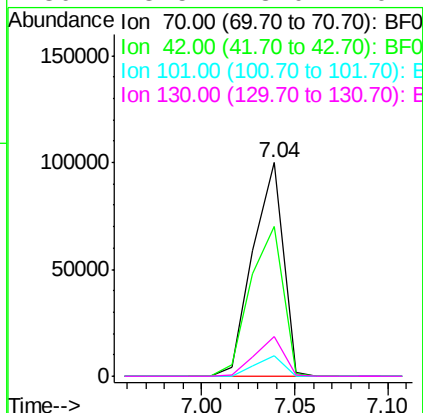
#19
n-Nitroso-di-n-propylamine
Concen: 39.39 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	70.2		65.0	97.4	
101	9.3		7.4	11.2	
130	18.5		13.0	19.4	

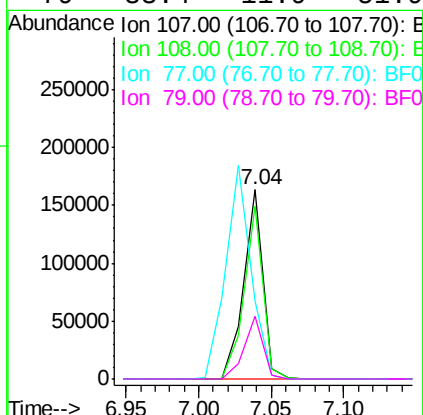
Manual Integrations
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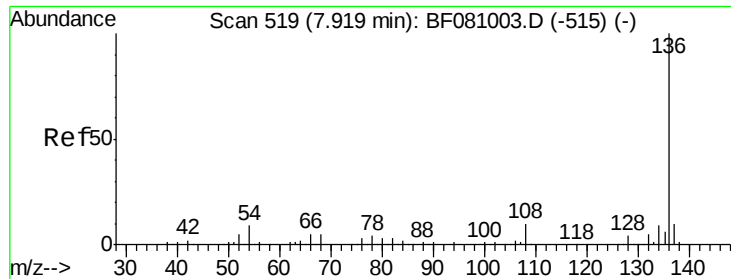
MMDadoda
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#20
3+4-Methylphenols
Concen: 39.82 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.5		66.1	106.1	
77	41.5		139.3	179.3#	
79	33.4		11.9	51.9	





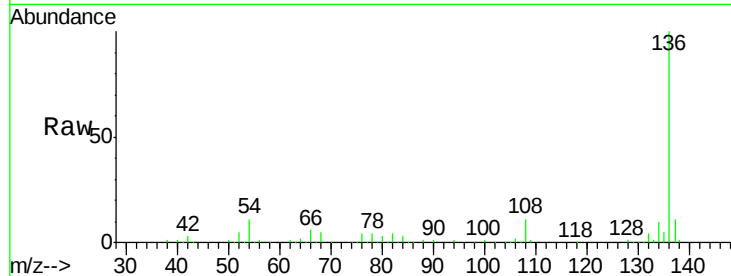
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

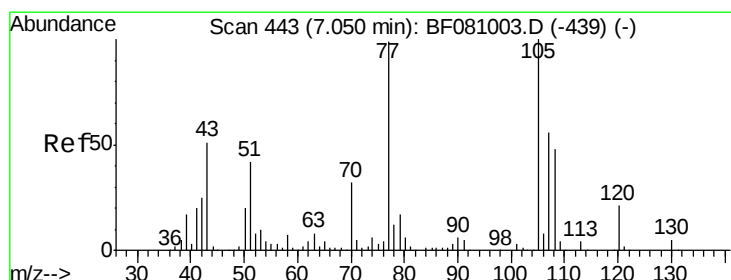
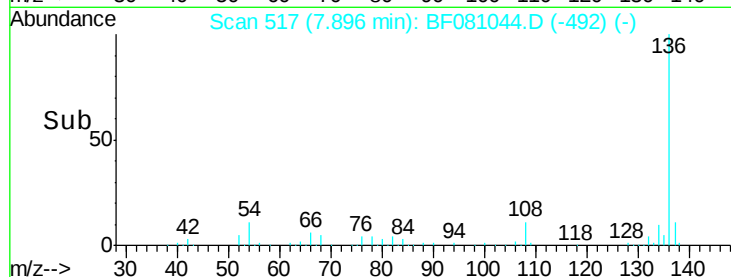
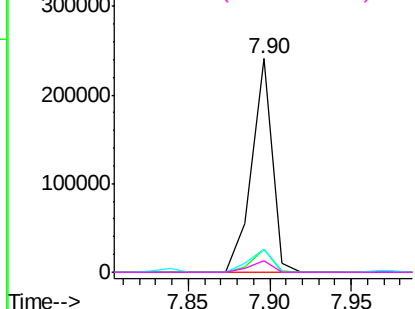
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.2	12.2	
54	11.0	7.7	11.5	
68	5.4	3.4	5.2	

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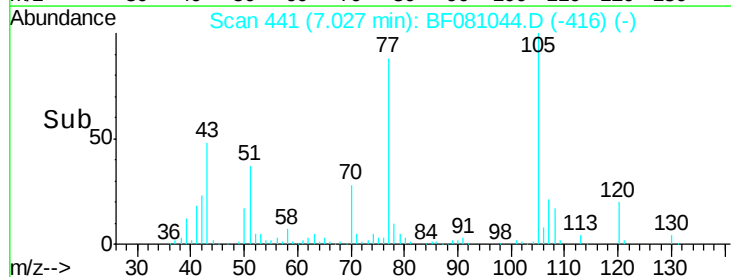
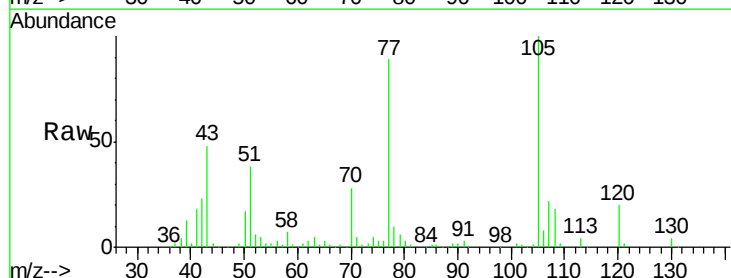
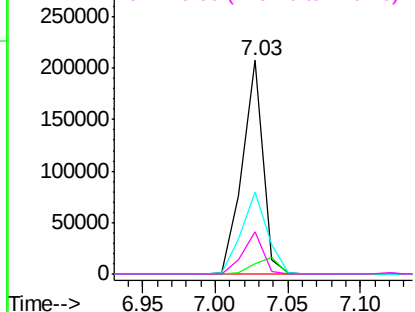
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

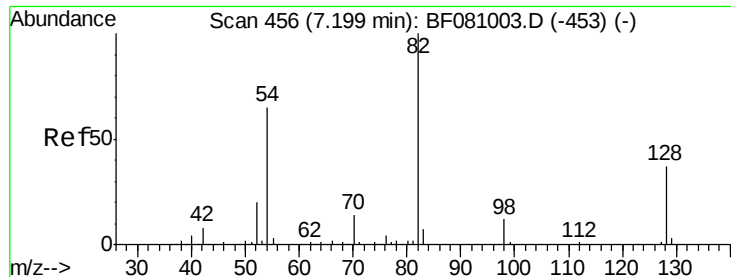


#22
Acetophenone
Concen: 37.12 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.7	3.0	4.6	
51	38.2	39.8	59.8	
120	20.0	15.8	23.8	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





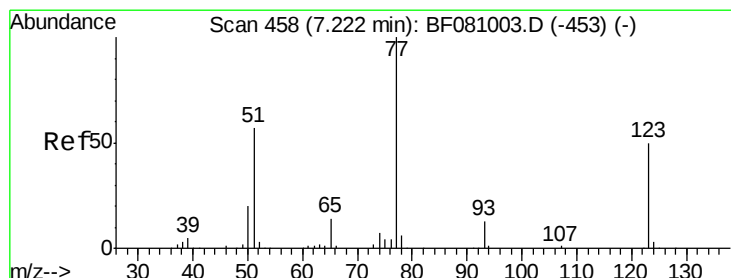
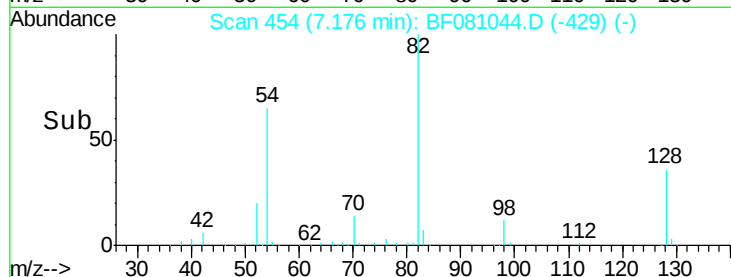
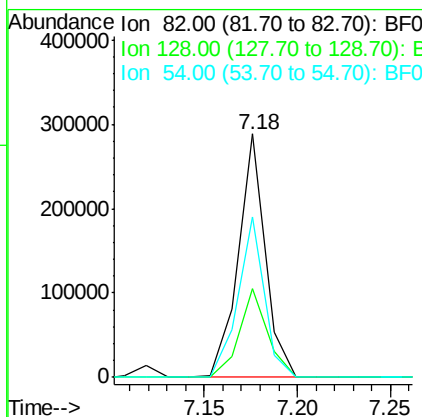
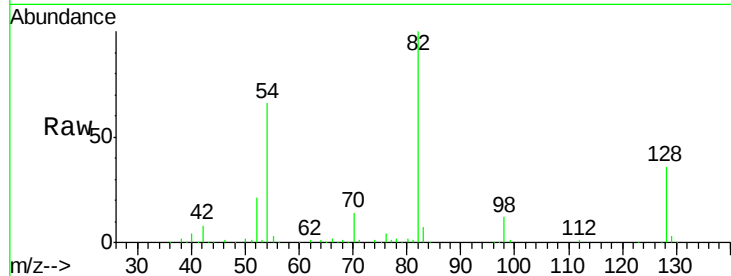
#23
Nitrobenzene-d5
Concen: 63.45 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	292432		
128	36.4	28.6	42.8	
54	65.8	55.1	82.7	

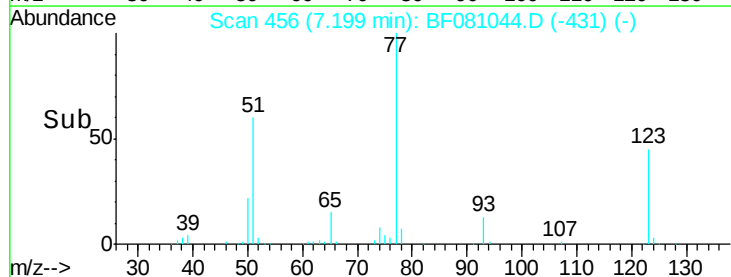
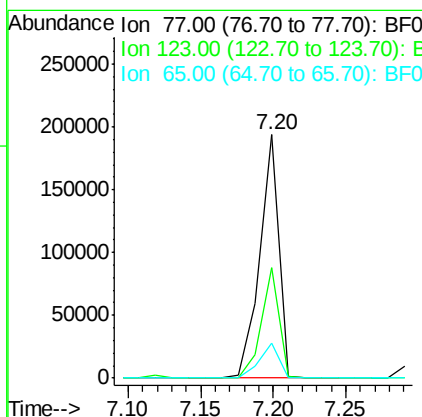
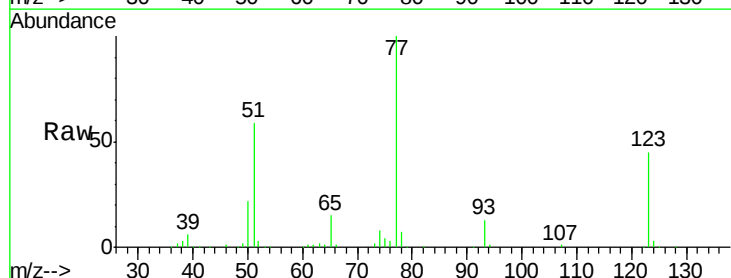
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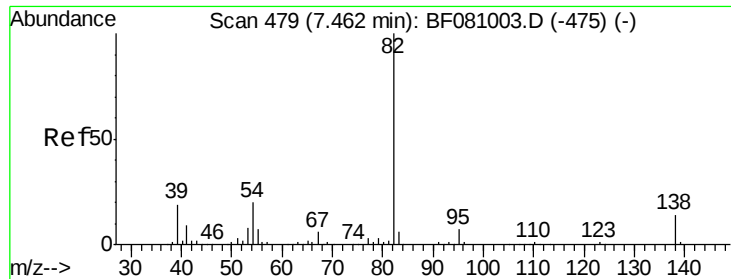
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#24
Nitrobenzene
Concen: 36.74 ng
RT: 7.20 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	177038		
123	45.4	32.9	49.3	
65	14.6	12.5	18.7	





#25

Isophorone

Concen: 32.82 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

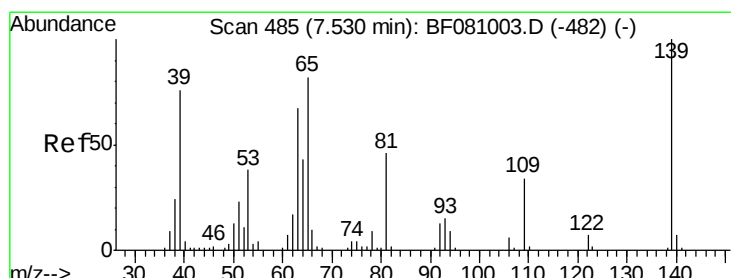
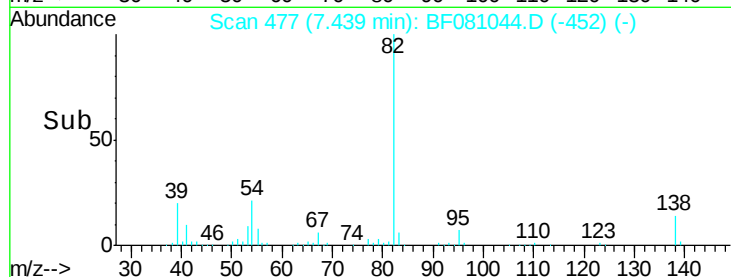
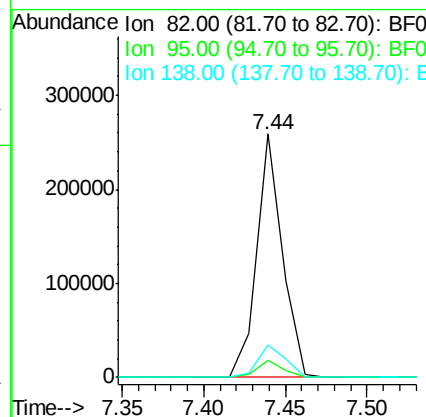
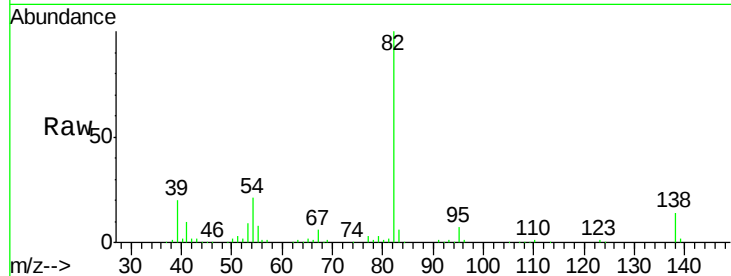
ClientSampleId :

PB85041BS

Tot Ion:	82	Resp:	282059
Ion Ratio		Lower	Upper
82	100		
95	7.1	6.2	9.2
138	13.5	10.5	15.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.21 ng

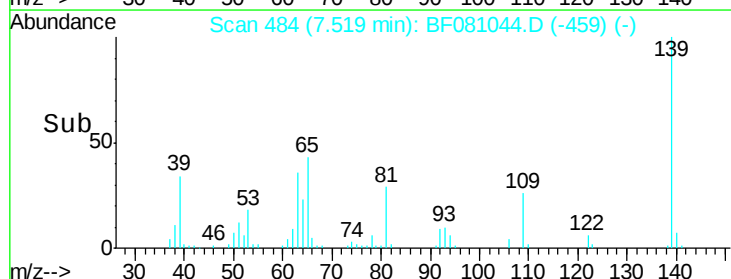
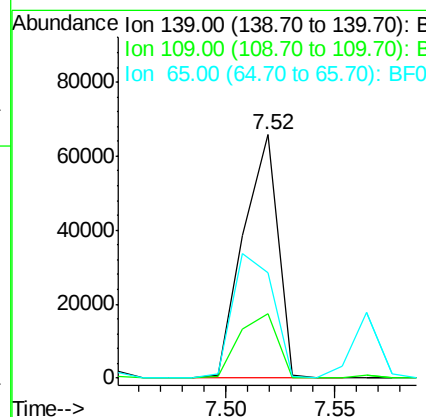
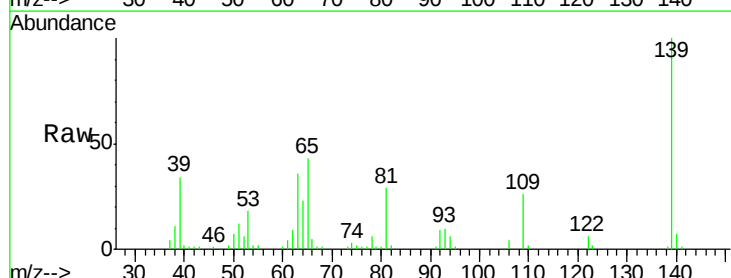
RT: 7.52 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Tgt Ion:	139	Resp:	72567
Ion Ratio		Lower	Upper
139	100		
109	26.4	32.1	48.1#
65	43.4	69.9	104.9#





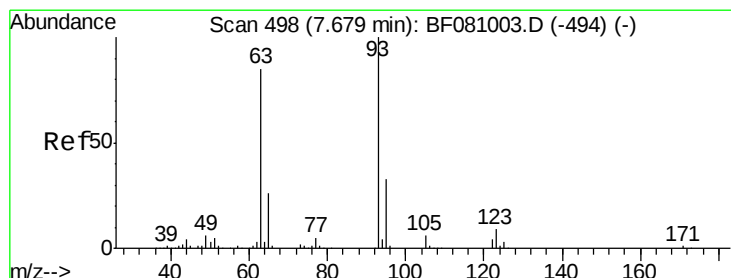
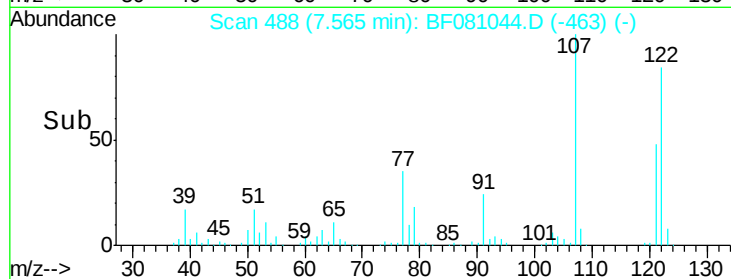
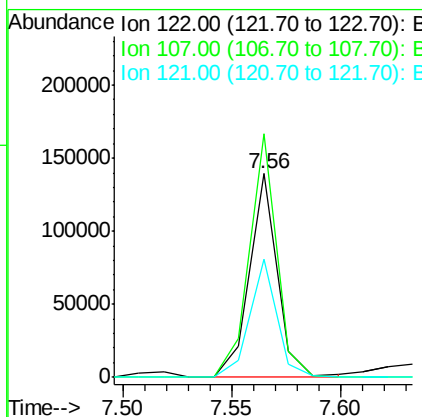
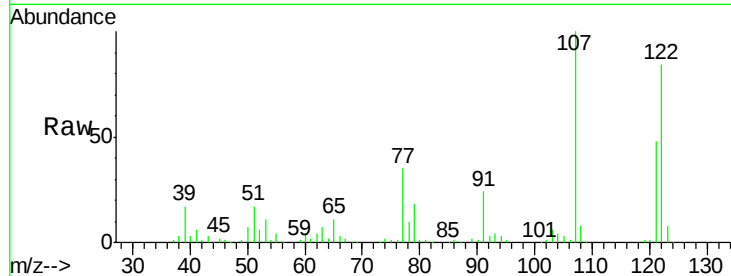
#27
 2,4-Dimethylphenol
 Concen: 35.09 ng
 RT: 7.56 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	124410		
107	119.6	103.8	155.6	
121	57.8	47.0	70.4	

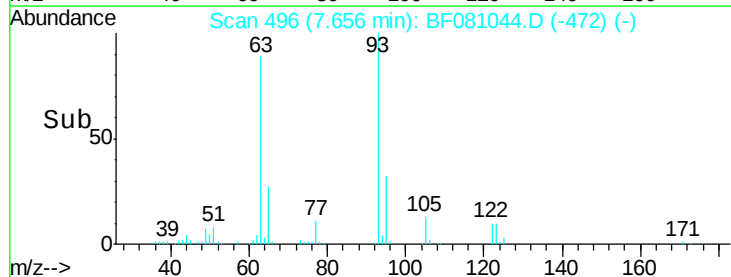
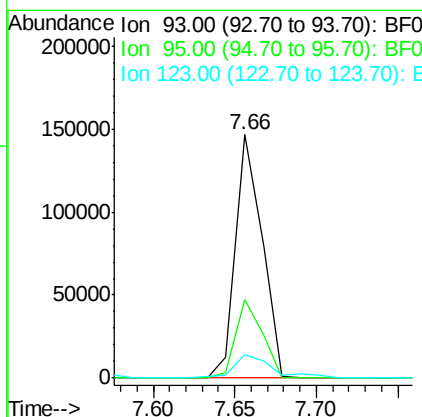
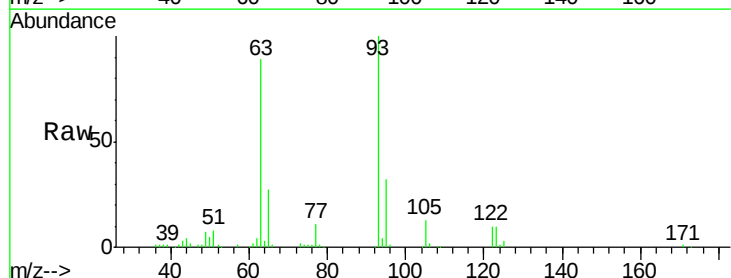
Manual Integrations
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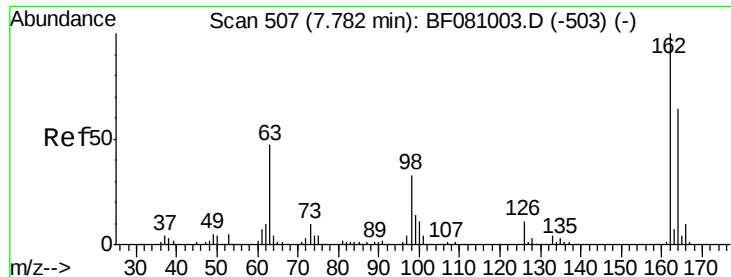
MMDadoda
 8/19/2015 2:17:46 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.33 ng
 RT: 7.66 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	164152		
95	32.4	25.8	38.8	
123	9.8	7.4	11.0	





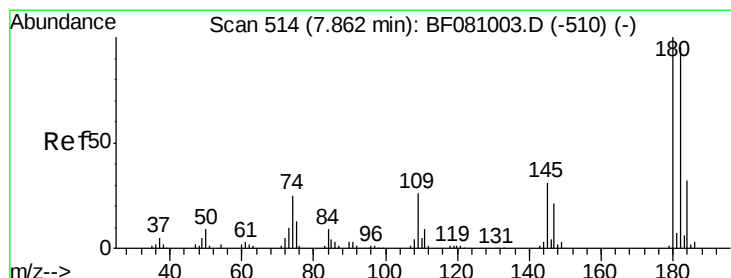
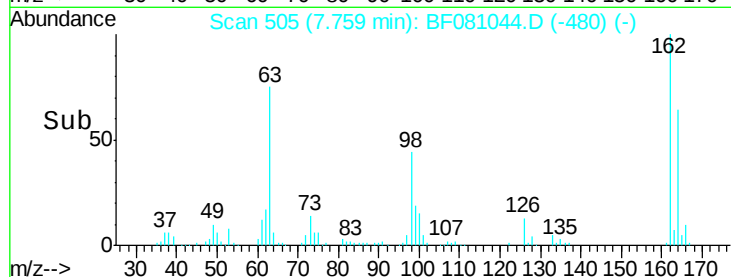
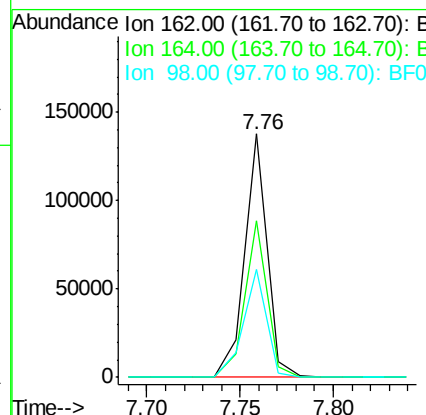
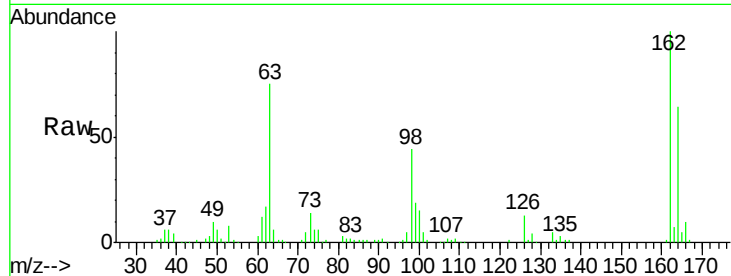
#29
 2,4-Dichlorophenol
 Concen: 38.60 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.4	43.2	83.2
98	44.4	12.3	52.3

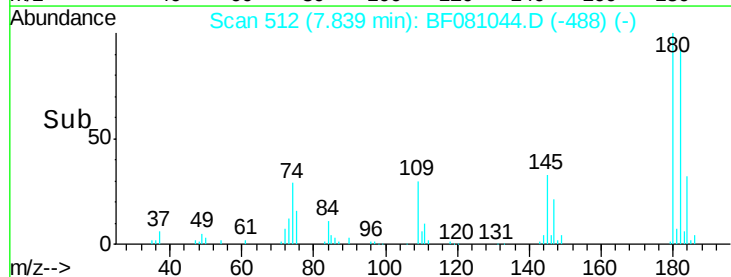
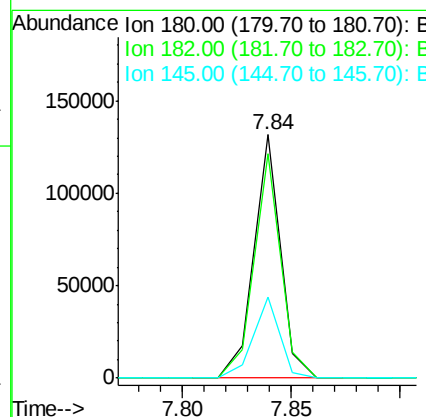
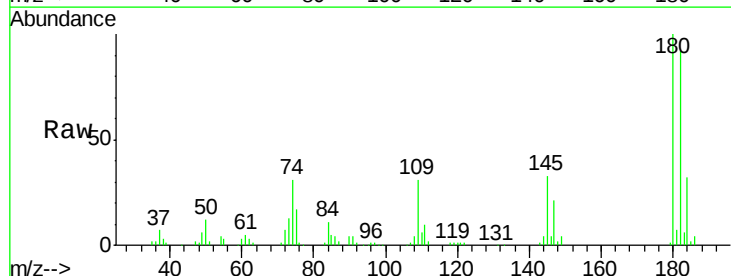
Manual Integrations
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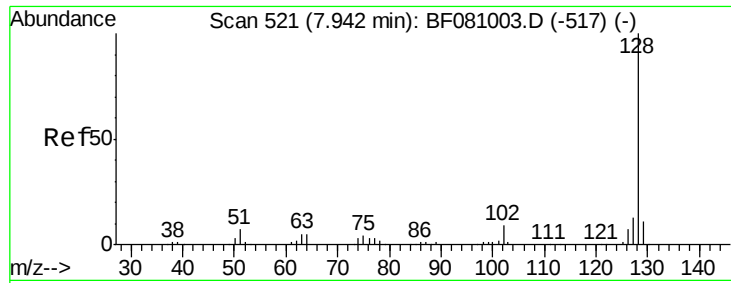
MMDadoda
 8/19/2015 2:17:46 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 33.63 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.2	76.4	114.6
145	33.1	25.4	38.2





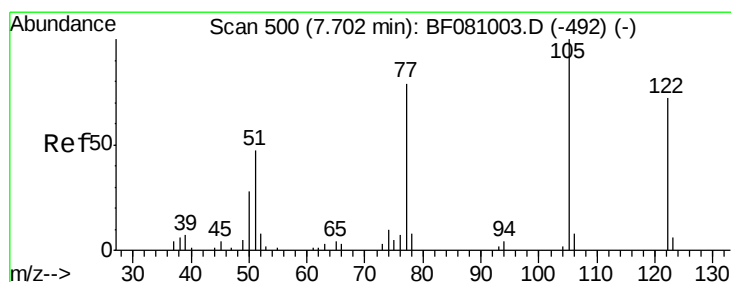
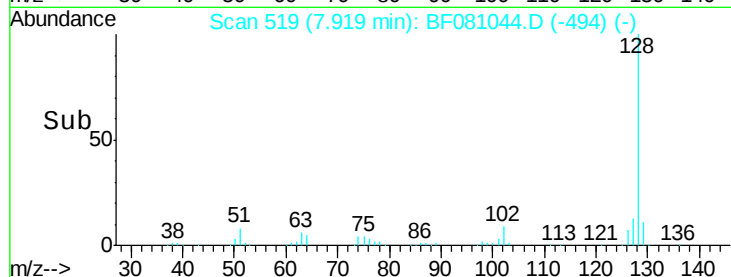
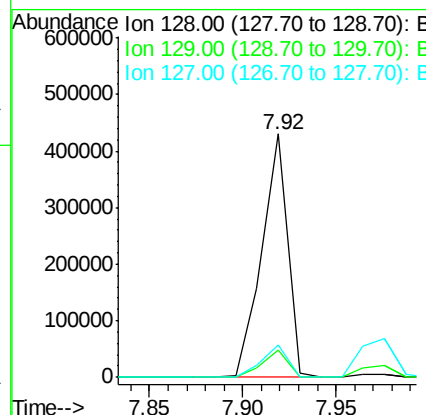
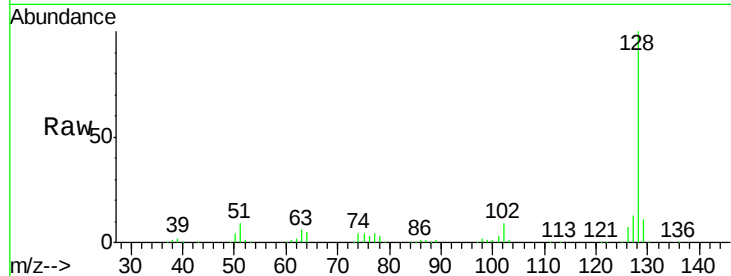
#31
Naphthalene
Concen: 34.91 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	409745		
129	11.3		8.4	12.6
127	13.4		10.6	16.0

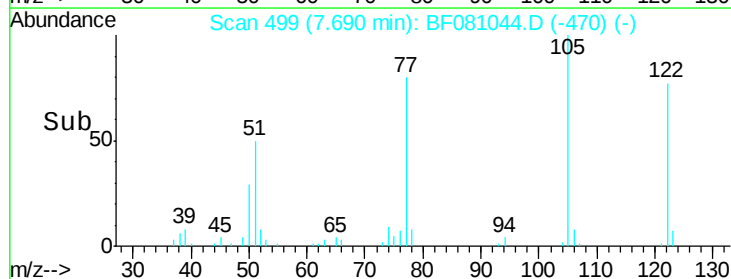
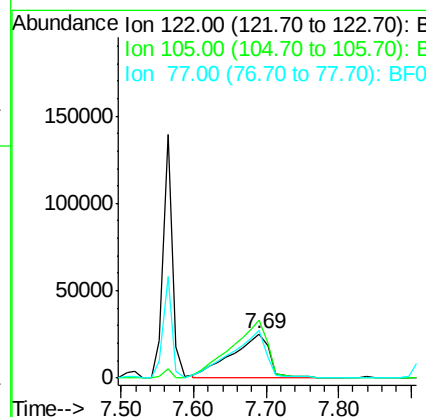
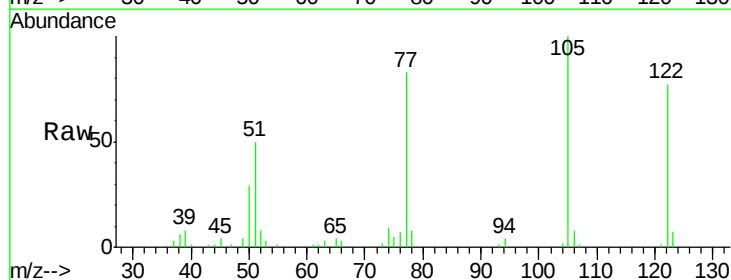
Manual Integrations
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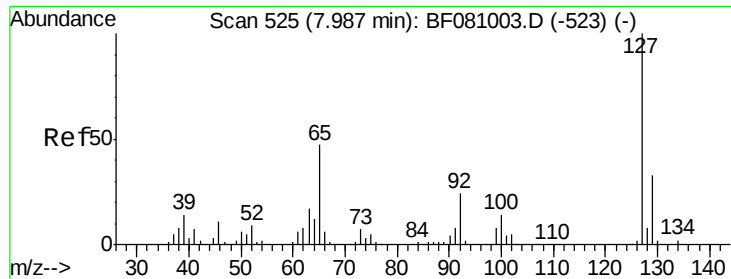
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#32
Benzoic acid
Concen: 46.68 ng
RT: 7.69 min Scan# 499
Delta R.T. 0.03 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	93091		
105	129.2		113.8	153.8
77	106.8		93.8	133.8





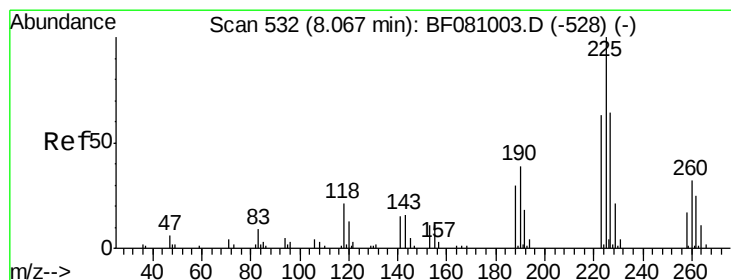
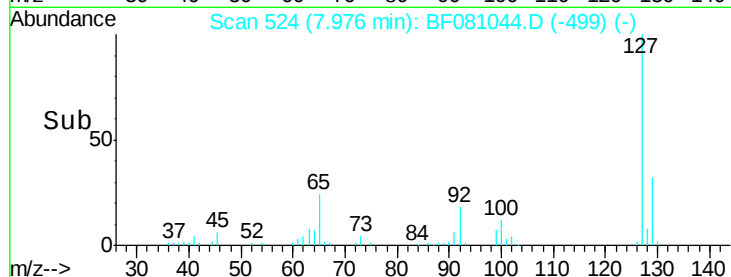
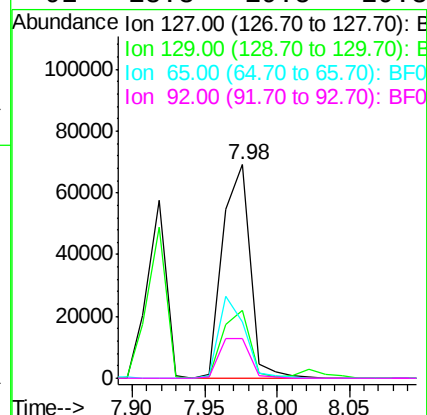
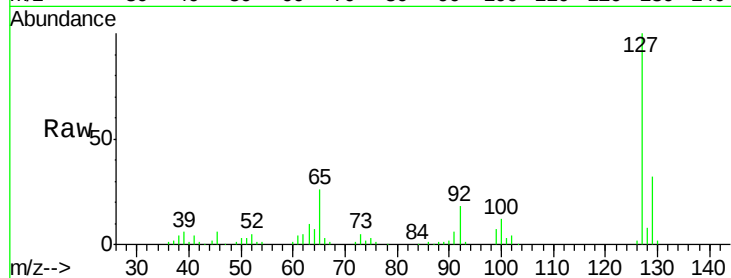
#33
4-Chloroaniline
Concen: 18.45 ng
RT: 7.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampled :
PB85041BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		91346		
129	32.1	25.2	37.8		
65	26.2	37.8	56.6		
92	18.3	19.5	29.3		

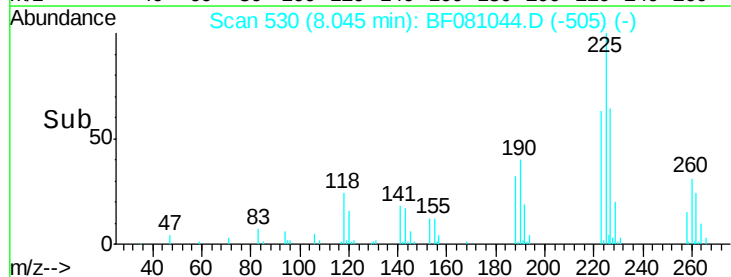
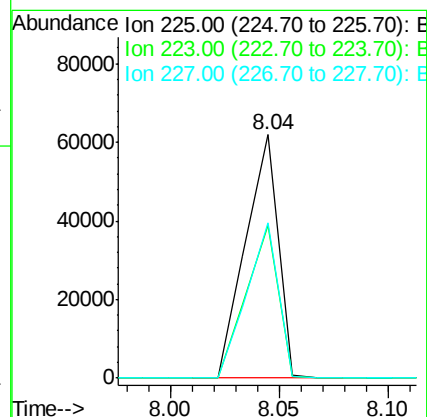
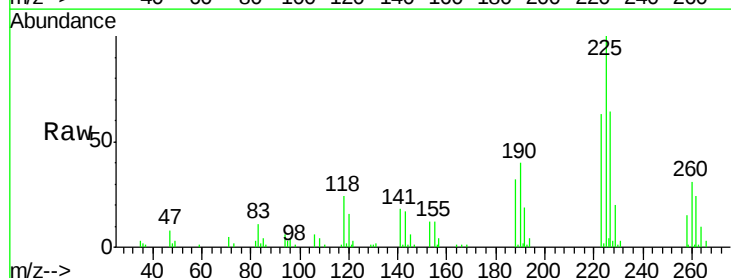
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 34.31 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		64369		
223	62.9	52.6	79.0		
227	63.6	51.1	76.7		





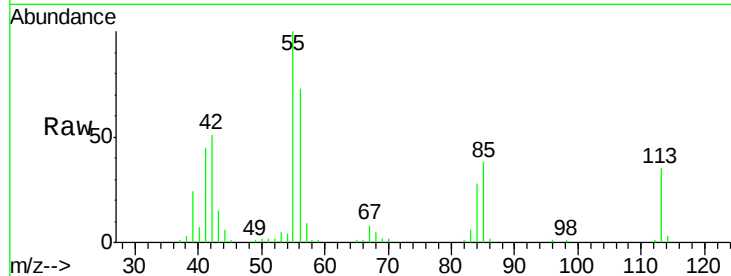
#35
 Caprolactam
 Concen: 37.63 ng/ml
 RT: 8.34 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	289.2	280.4	320.4	
56	210.8	205.9	245.9	

Manual Integrations
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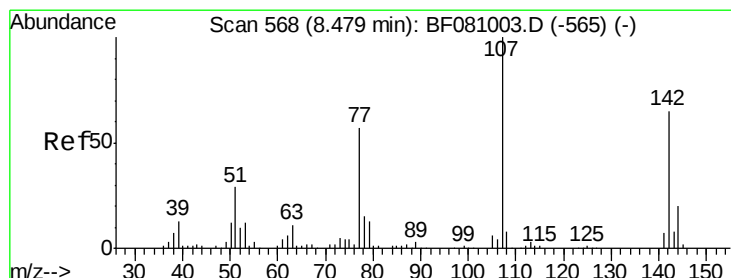
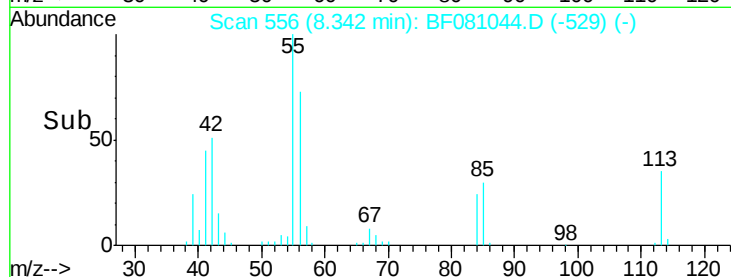
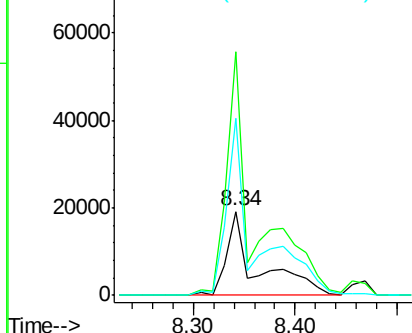
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Abundance Ion 113.00 (112.70 to 113.70): E

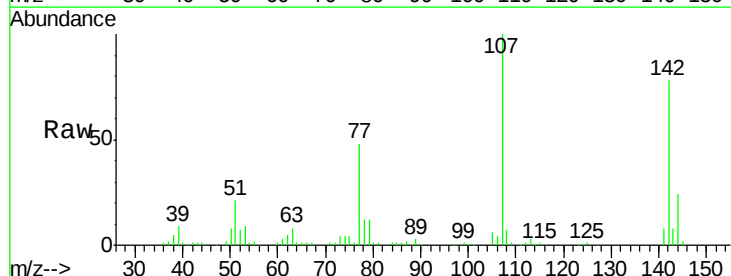
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 39.49 ng/ml
 RT: 8.47 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

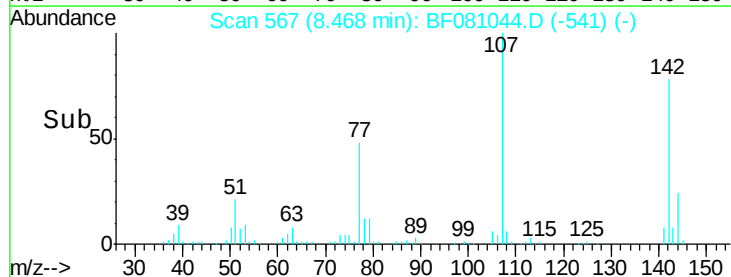
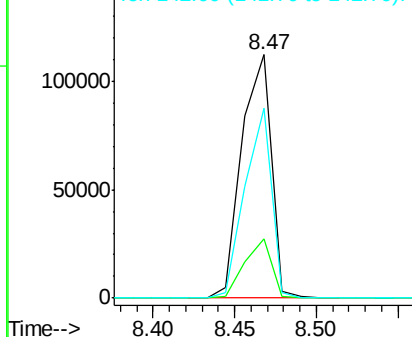
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.2	17.2	25.8	
142	78.0	54.9	82.3	

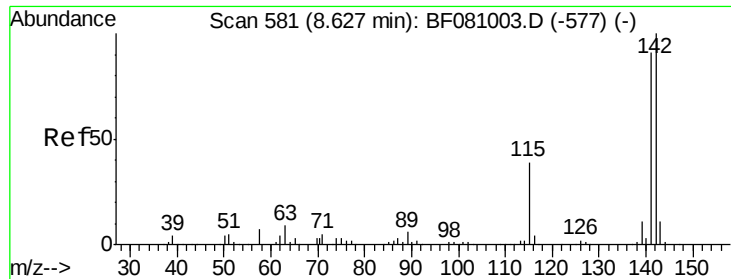


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





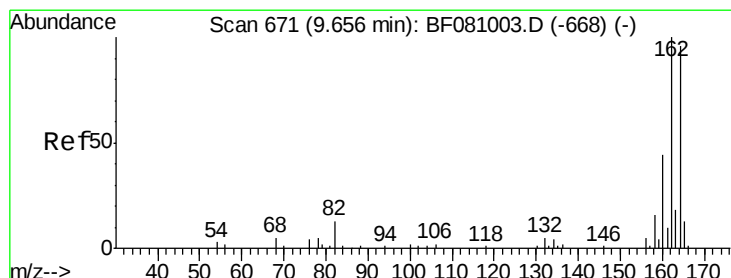
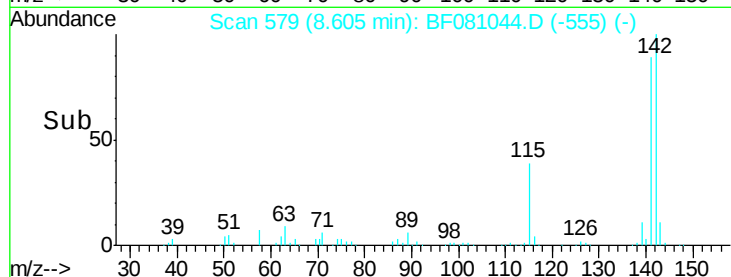
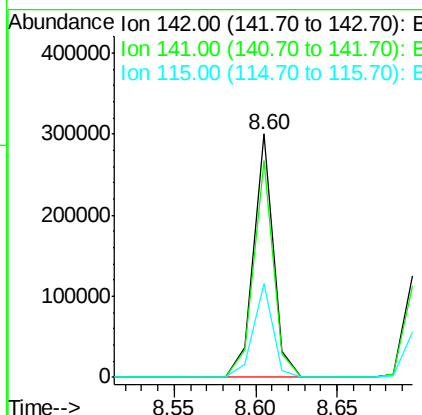
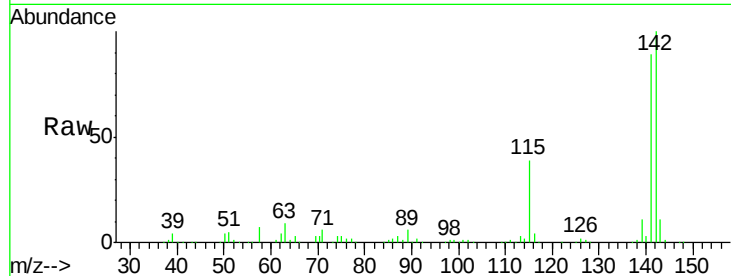
#37
 2-Methylnaphthalene
 Concen: 34.33 ng
 RT: 8.60 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	38.6	33.4	50.0

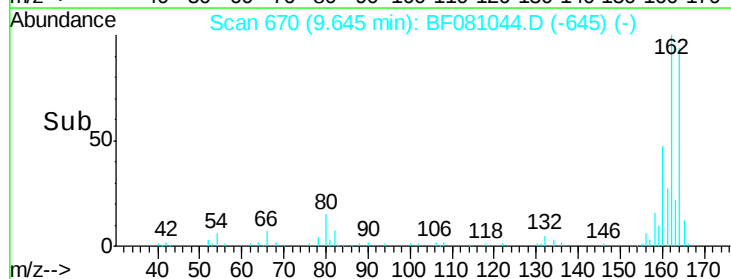
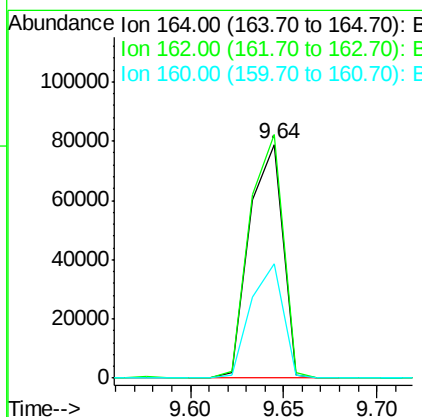
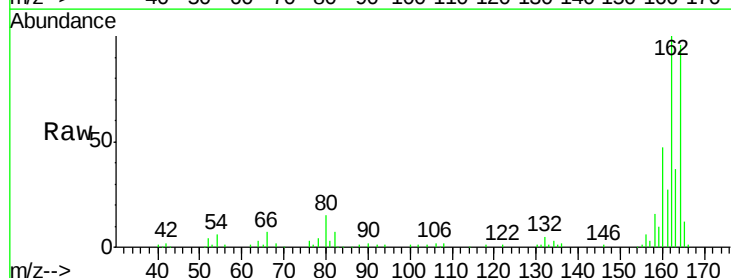
Manual Integrations
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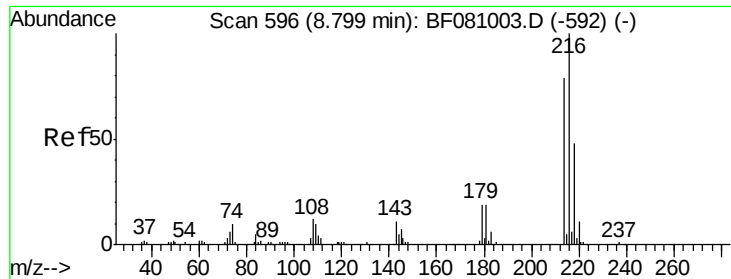
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.8	125.8
160	49.0	39.8	59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.12 ng

RT: 8.78 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF081044.D

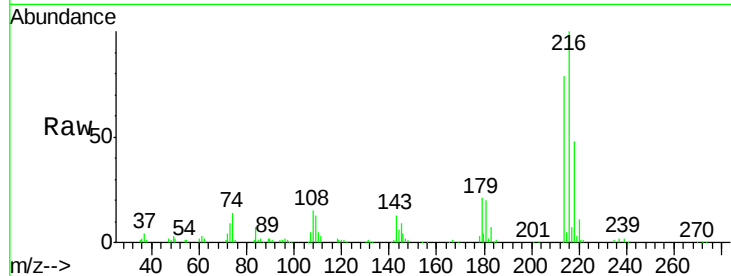
Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

ClientSampleId :

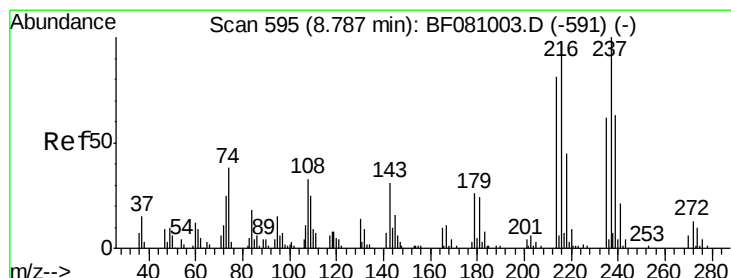
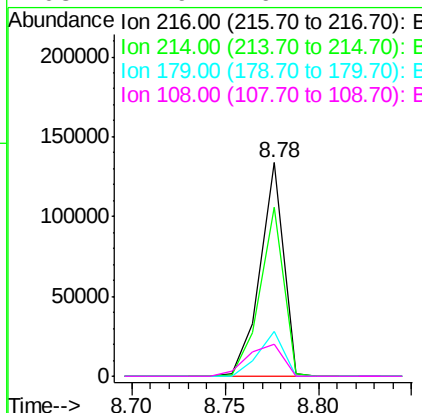
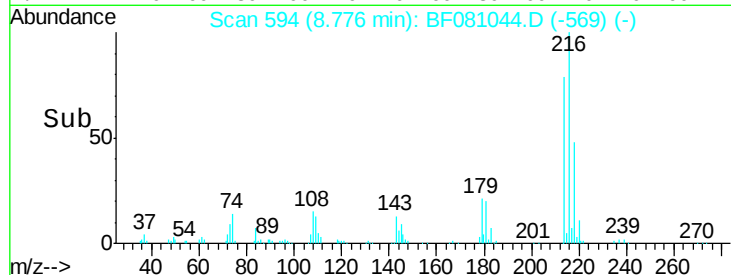
PB85041BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.6	63.8	95.8		
179	22.3	17.8	26.8		
108	22.9	16.2	24.2		

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#40

Hexachlorocyclopentadiene

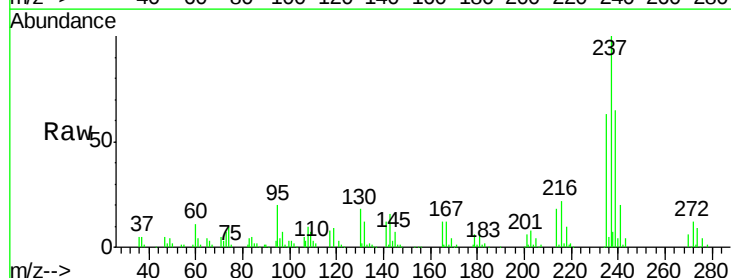
Concen: 80.18 ng

RT: 8.76 min Scan# 593

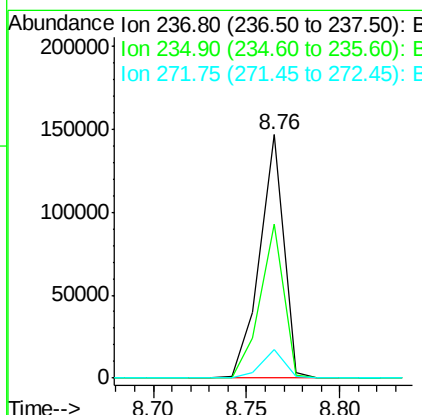
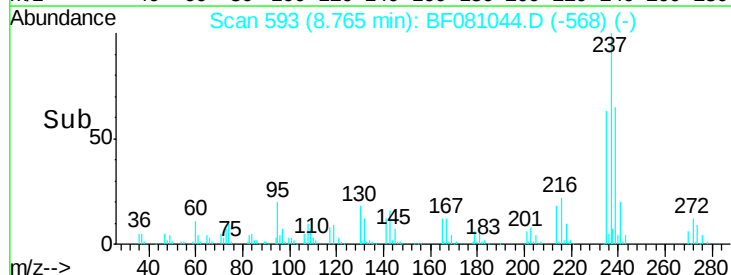
Delta R.T. -0.01 min

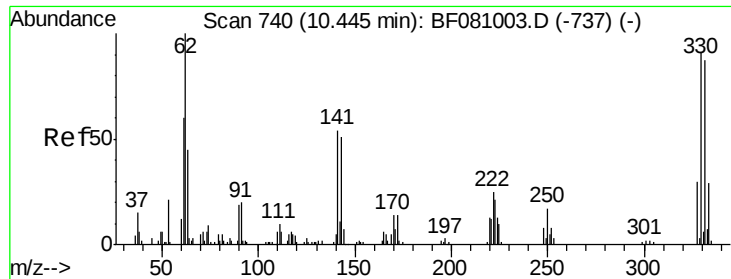
Lab File: BF081044.D

Acq: 18 Aug 2015 15:53



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.1	43.6	83.6		
272	11.6	0.0	32.2		





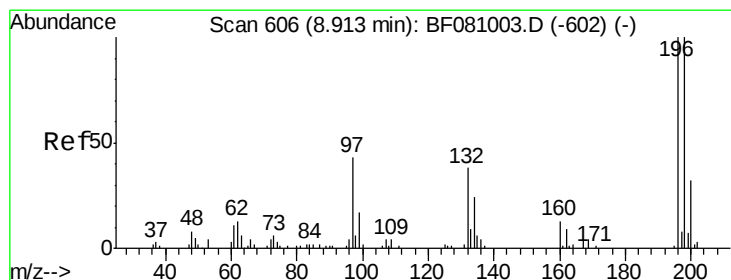
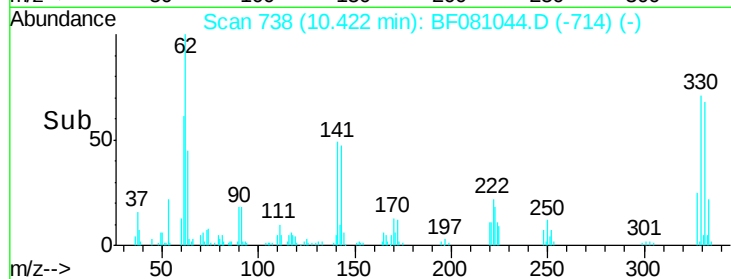
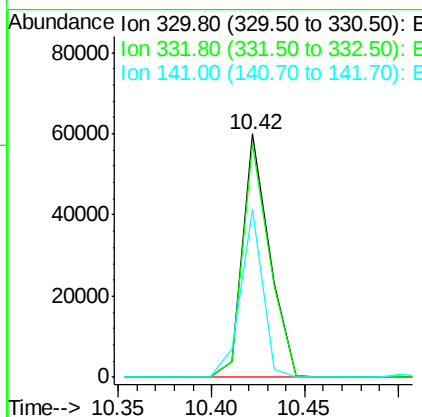
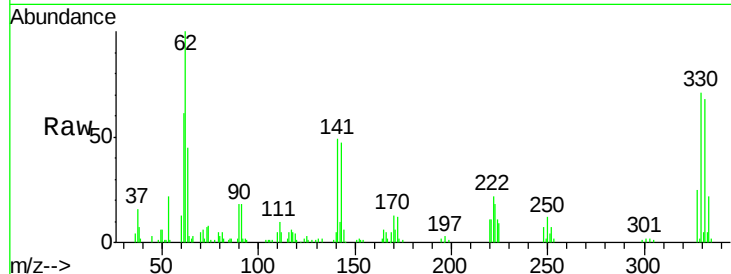
#41
 2,4,6-Tribromophenol
 Concen: 71.15 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	59986		
332	96.5		77.3	115.9
141	57.5		44.9	67.3

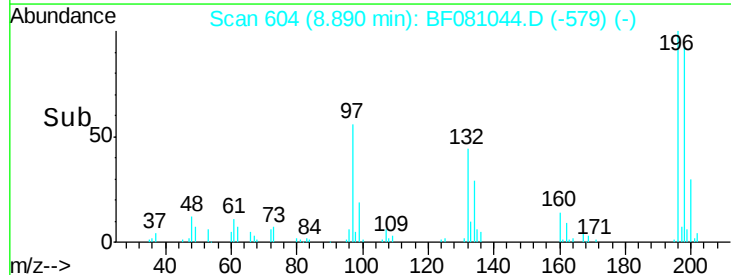
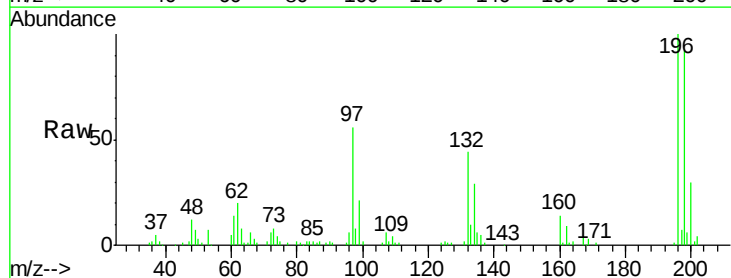
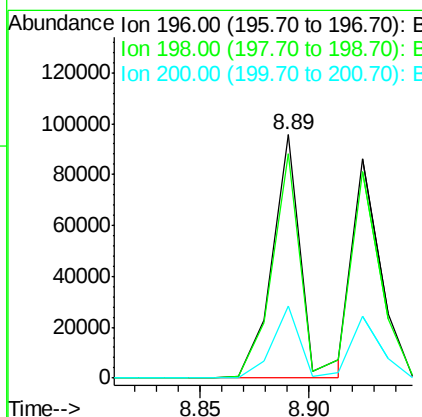
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#42
 2,4,6-Trichlorophenol
 Concen: 39.95 ng
 RT: 8.89 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88557		
198	92.1		74.6	111.8
200	29.6		22.7	34.1





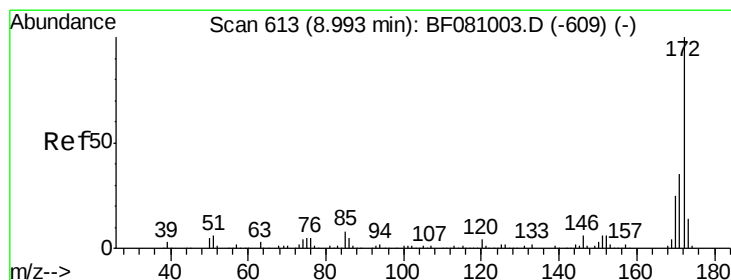
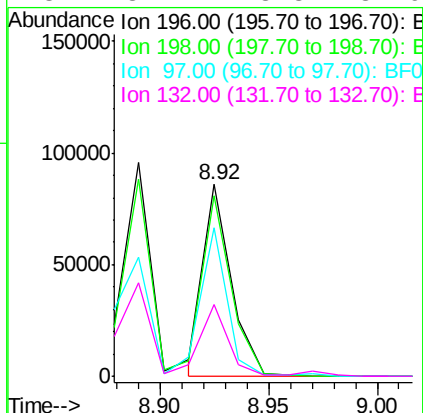
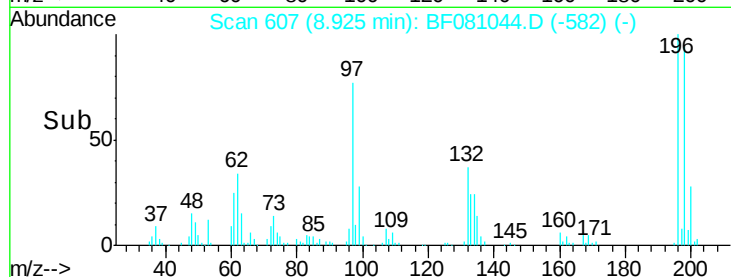
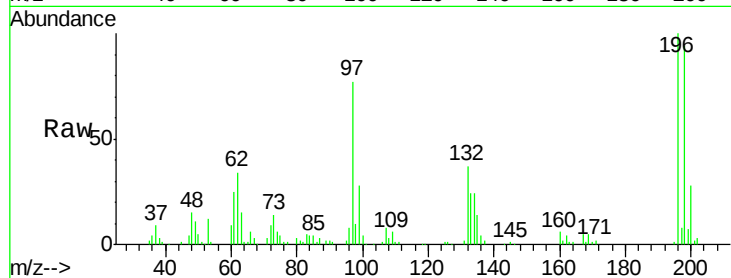
#43
 2,4,5-Trichlorophenol
 Concen: 34.90 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

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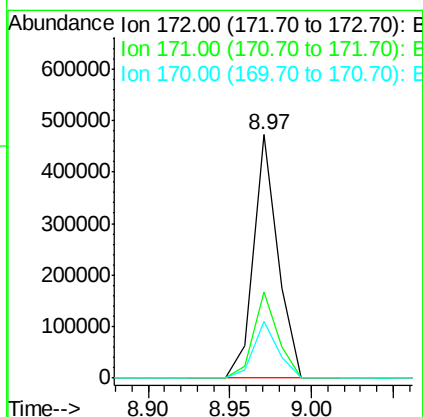
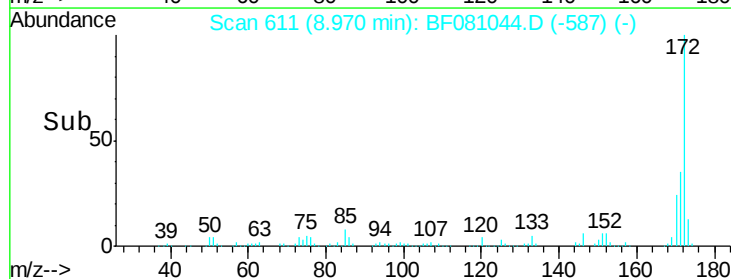
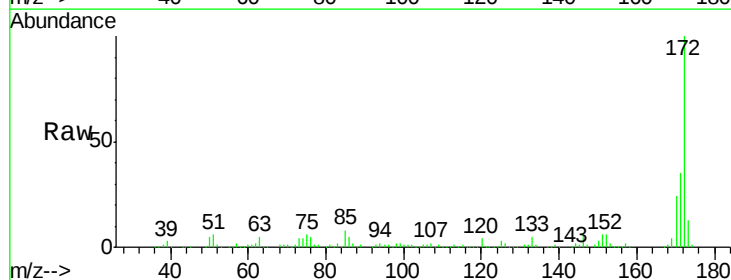
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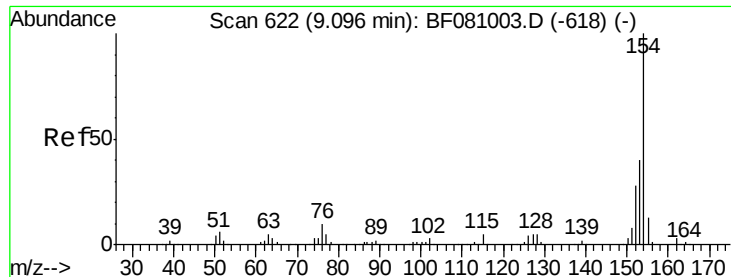
Tot Ion	Ratio	Resp	Lower	Upper
196	100	77326		
198	94.2	78.3	117.5	
97	77.2	42.7	64.1#	
132	37.2	23.3	34.9#	



#44
 2-Fluorobiphenyl
 Concen: 65.79 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	488335		
171	35.5	28.9	43.3	
170	23.5	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 40.06 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

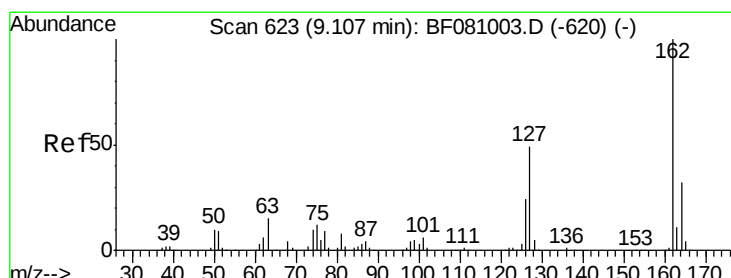
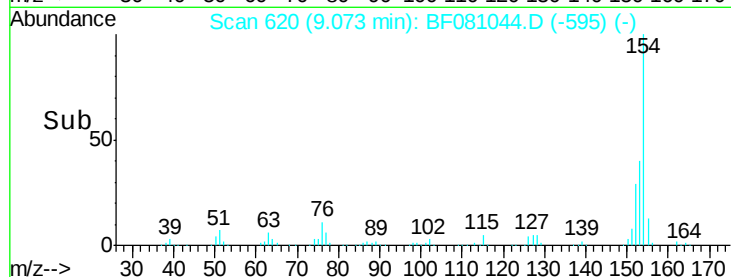
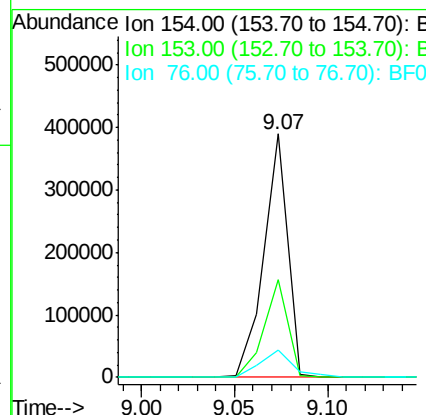
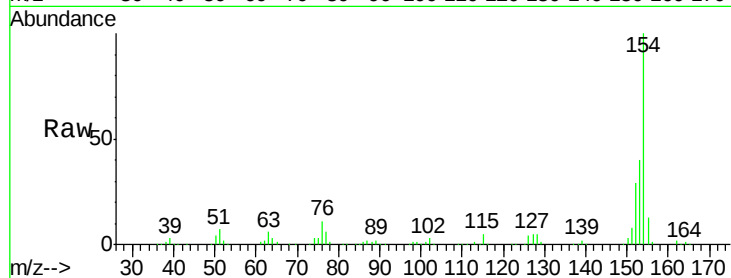
ClientSampled :

PB85041BS

Tot Ion:	154	Resp:	343159
Ion Ratio	Lower	Upper	
154	100		
153	40.0	19.5	59.5
76	11.1	0.0	29.3

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#46

2-Chloronaphthalene

Concen: 33.84 ng

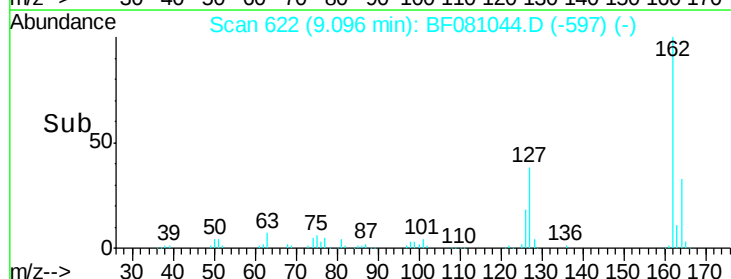
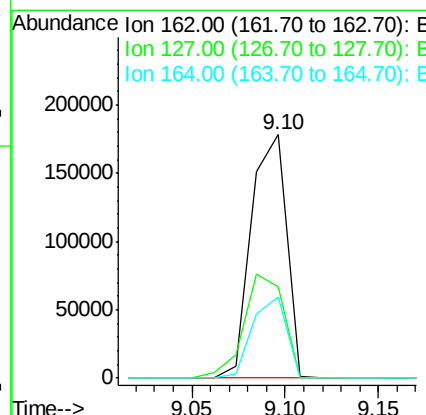
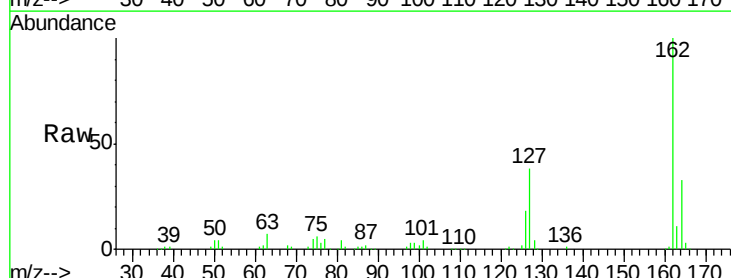
RT: 9.10 min Scan# 622

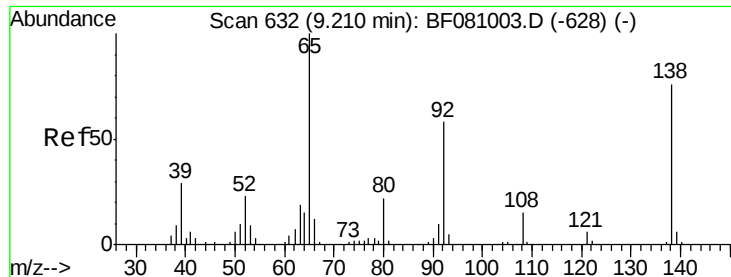
Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Tgt Ion:	162	Resp:	232893
Ion Ratio	Lower	Upper	
162	100		
127	37.5	31.3	46.9
164	33.4	26.3	39.5





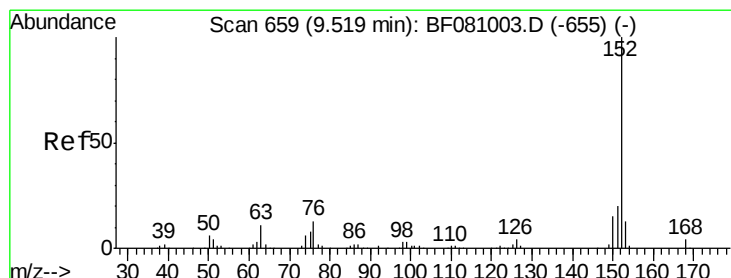
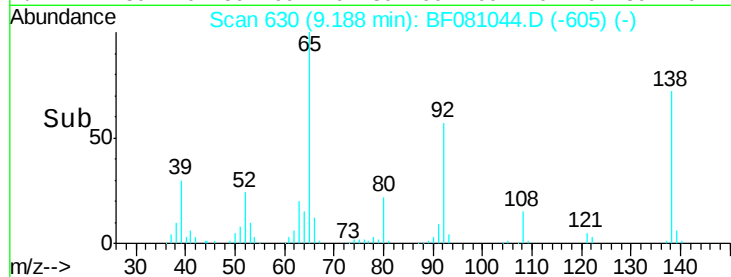
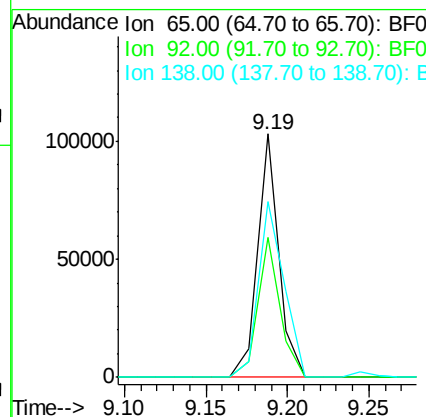
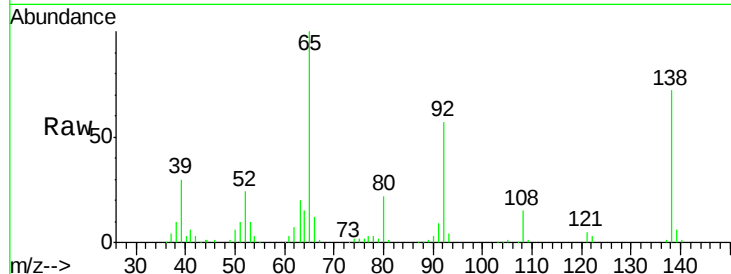
#47
2-Nitroaniline
Concen: 33.12 ng
RT: 9.19 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.4	45.6	68.4
138	72.3	57.9	86.9

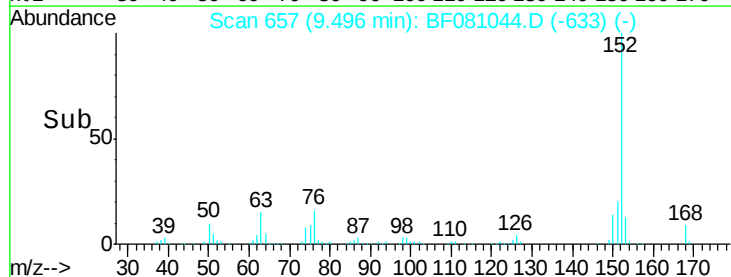
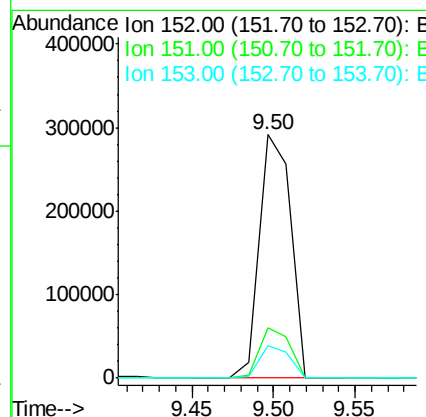
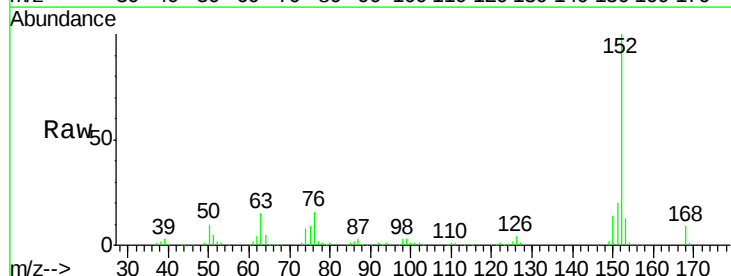
Manual Integrations
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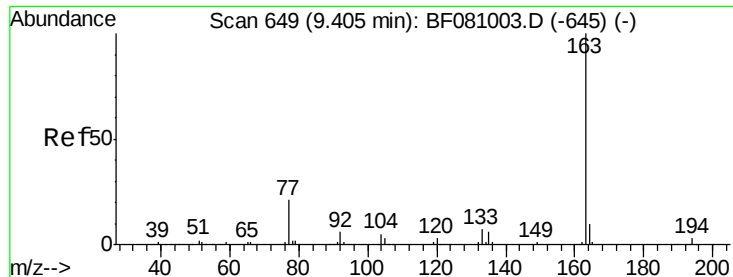
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#48
Acenaphthylene
Concen: 31.63 ng
RT: 9.50 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1
153	13.4	9.8	14.6





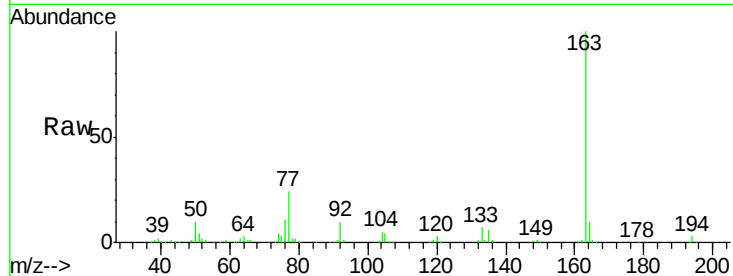
#49
Dimethylphthalate
Concen: 39.64 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

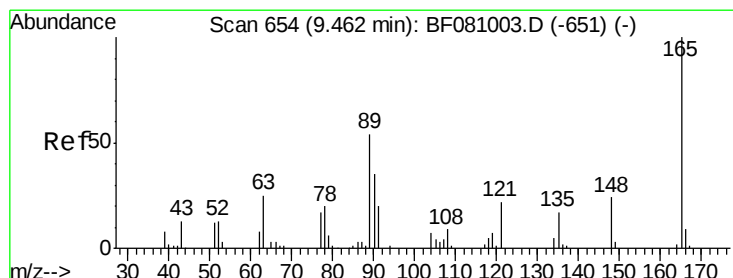
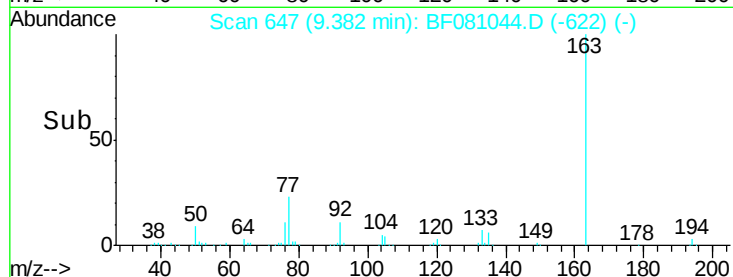
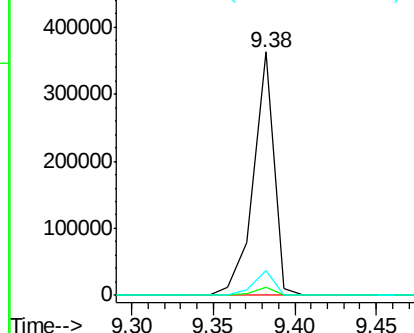
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	2.5	3.7
164	10.0	8.1	12.1

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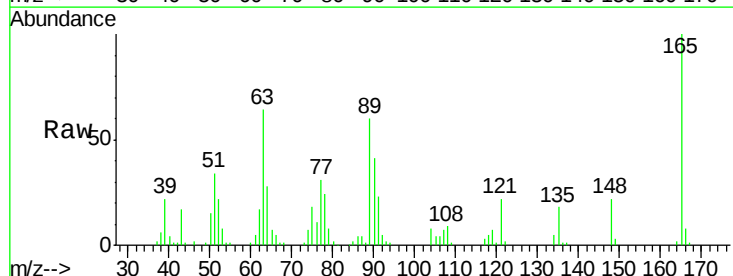


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

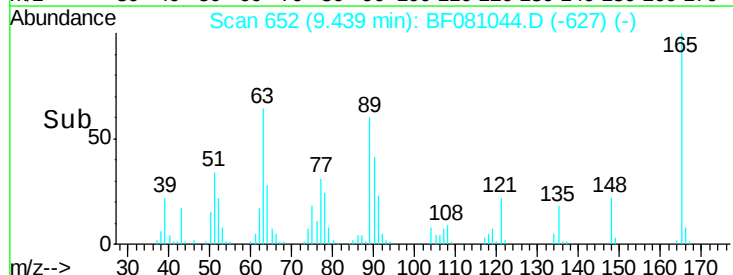
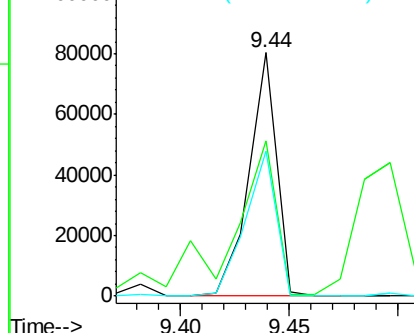


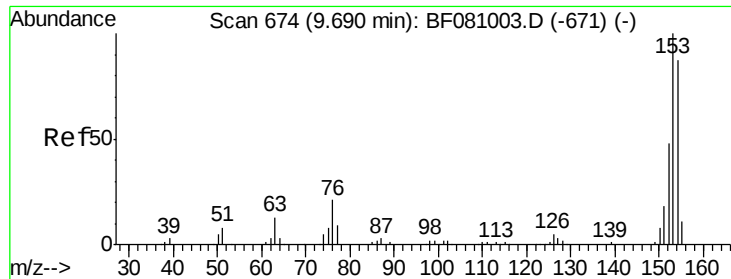
#50
2,6-Dinitrotoluene
Concen: 40.97 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	63.7	49.5	74.3
89	59.7	47.6	71.4



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





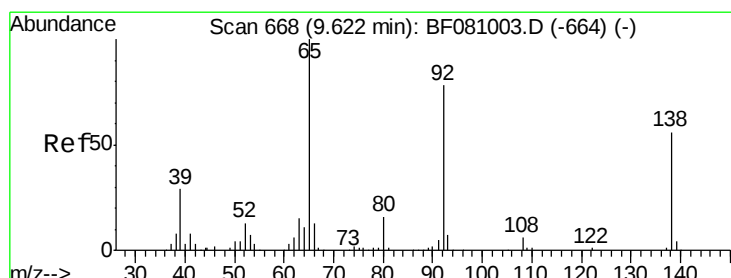
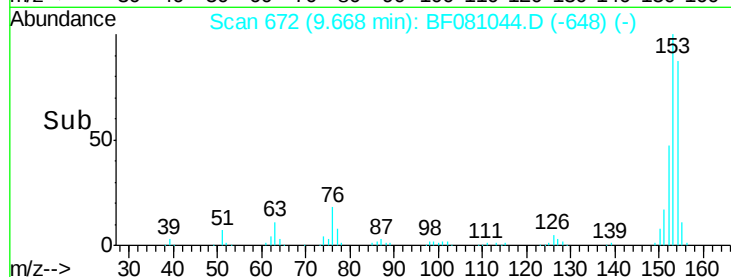
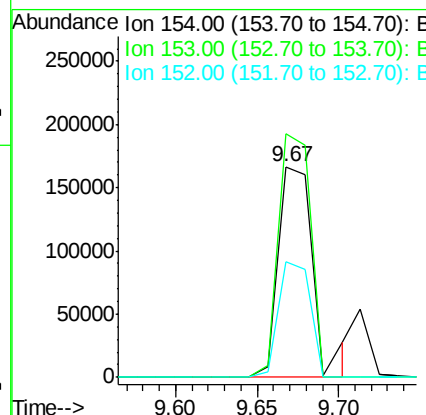
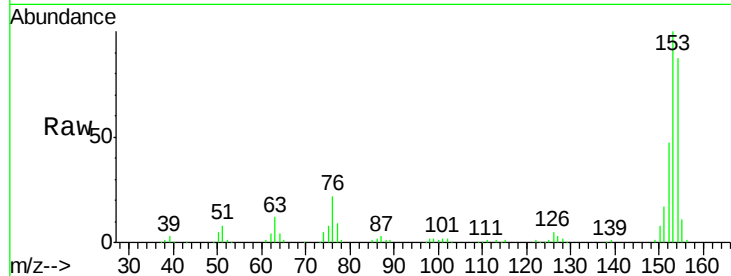
#51
Acenaphthene
Concen: 34.02 ng
RT: 9.67 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.4	91.4	137.2
152	54.7	43.7	65.5

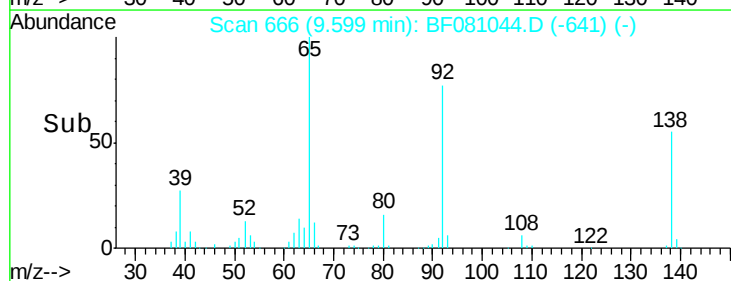
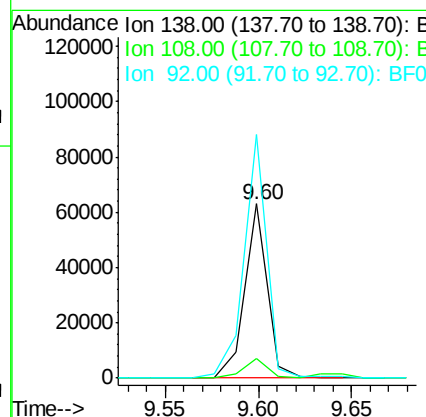
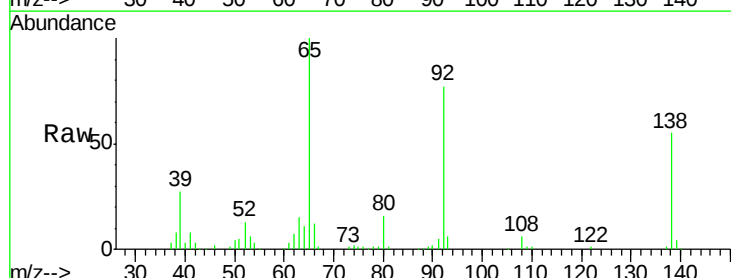
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#52
3-Nitroaniline
Concen: 24.58 ng
RT: 9.60 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.4	14.2
92	139.7	113.2	169.8





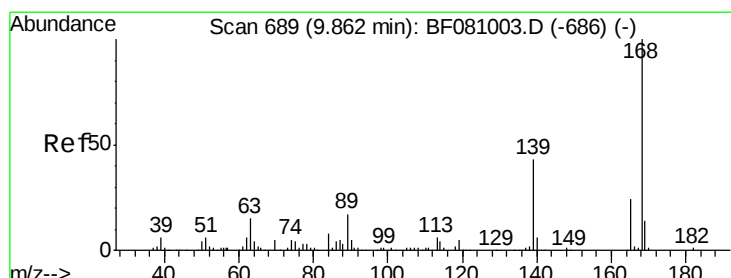
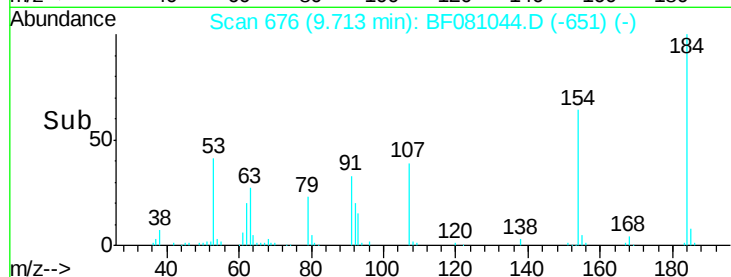
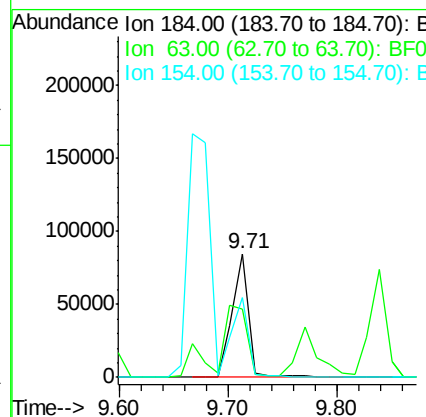
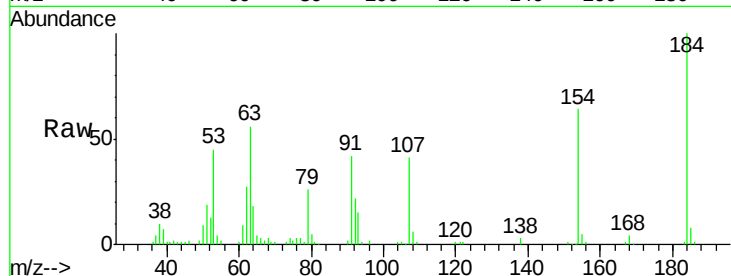
#53
2,4-Dinitrophenol
Concen: 89.20 ng
RT: 9.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.8	101.7	152.5#
154	64.3	67.4	101.0#

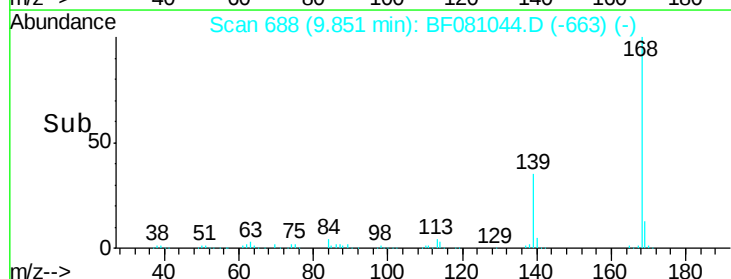
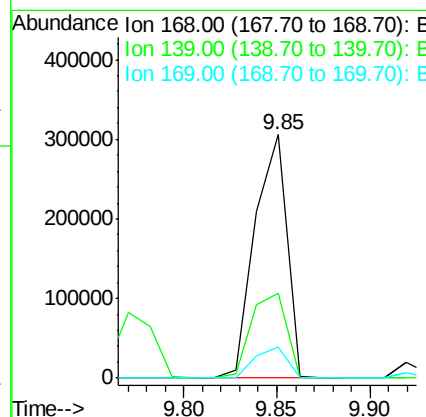
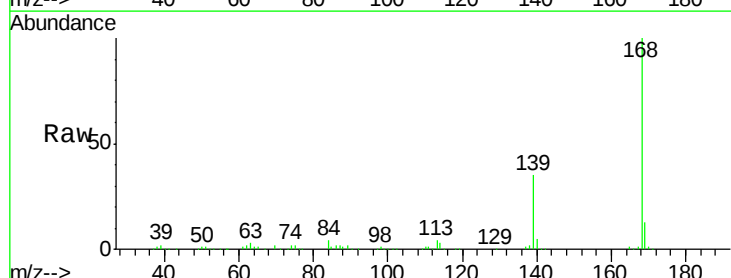
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#54
Dibenzofuran
Concen: 36.61 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.7	29.3	43.9
169	12.9	10.3	15.5





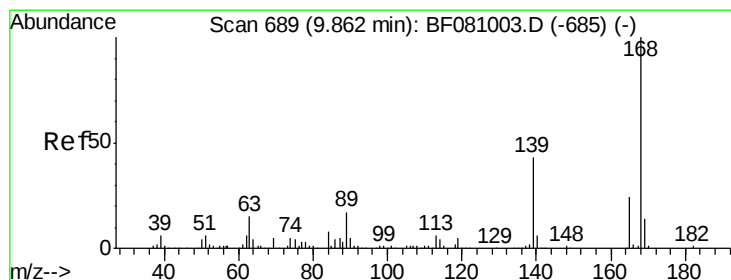
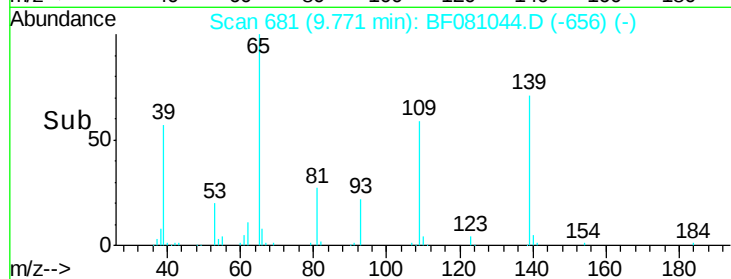
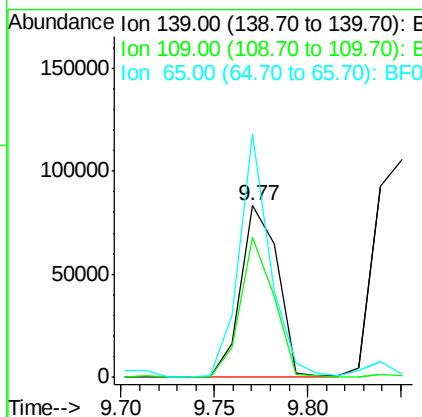
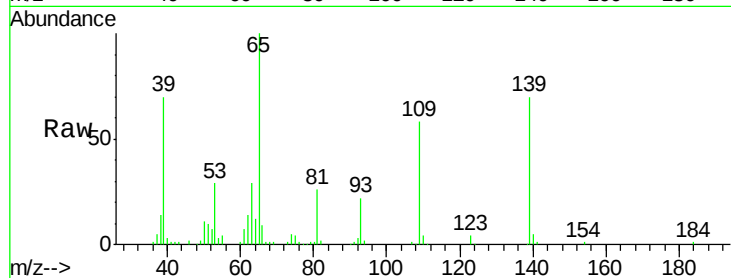
#55
4-Nitrophenol
Concen: 76.38 ng
RT: 9.77 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	82.0	80.0	120.0	
65	142.1	138.3	178.3	

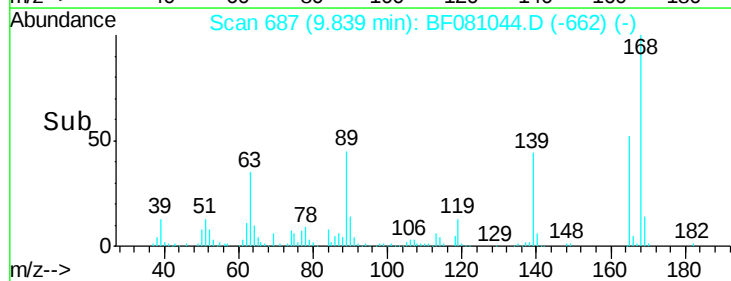
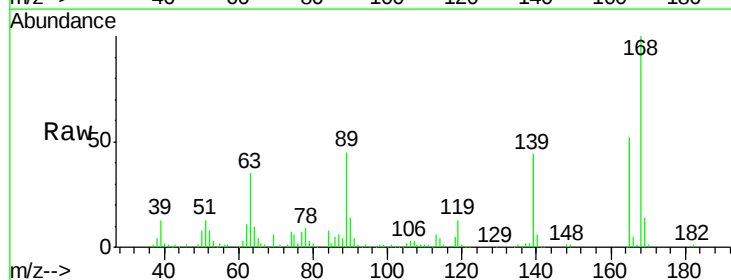
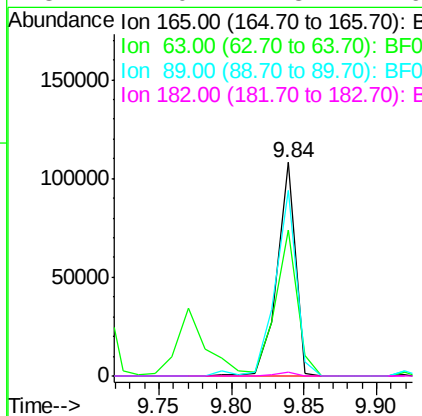
Manual Integrations
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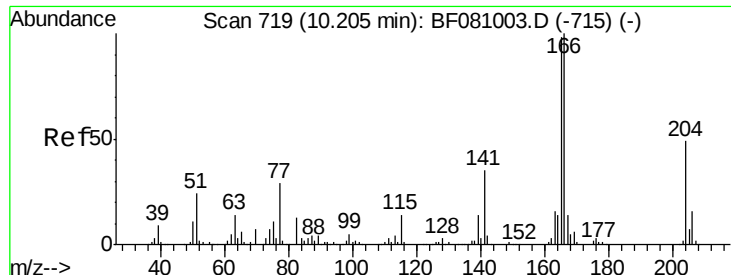
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#56
2,4-Dinitrotoluene
Concen: 41.98 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.5	52.2	78.4	
89	87.0	60.1	90.1	
182	2.0	1.8	2.6	





#57

Fluorene

Concen: 34.43 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

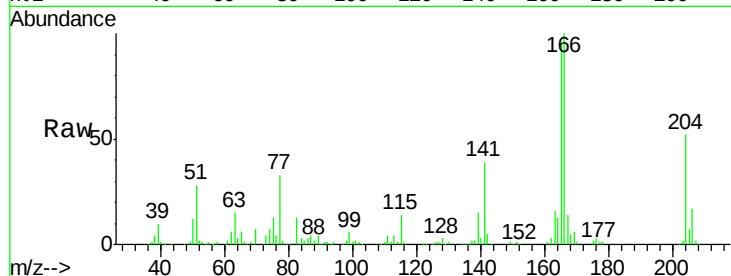
ClientSampleId :

PB85041BS

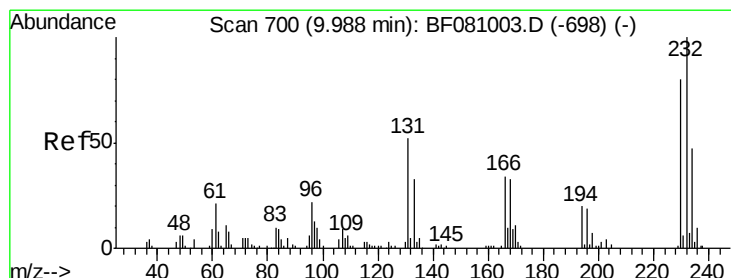
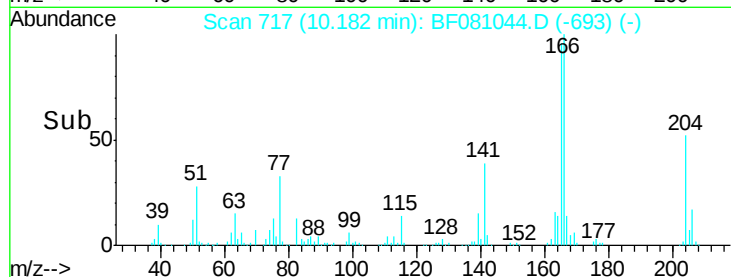
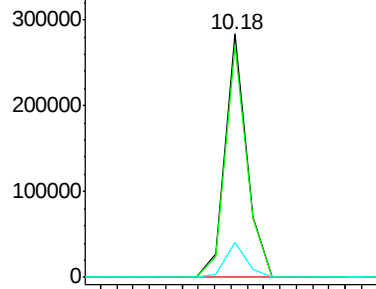
Tot Ion:	166	Resp:	261558
Ion Ratio		Lower	Upper
166	100		
165	95.3	75.8	113.8
167	14.2	11.3	16.9

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.54 ng m

RT: 9.96 min Scan# 698

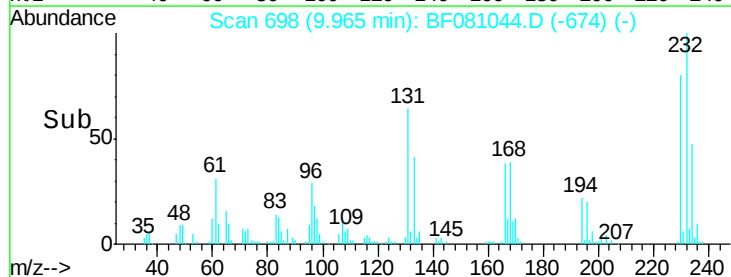
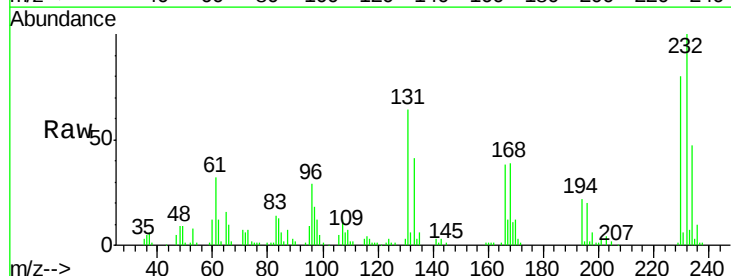
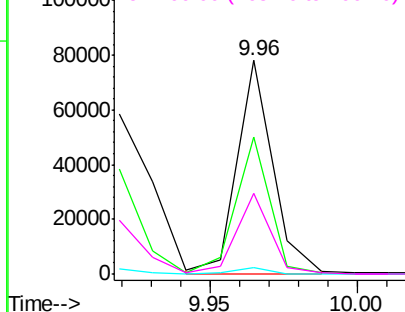
Delta R.T. -0.02 min

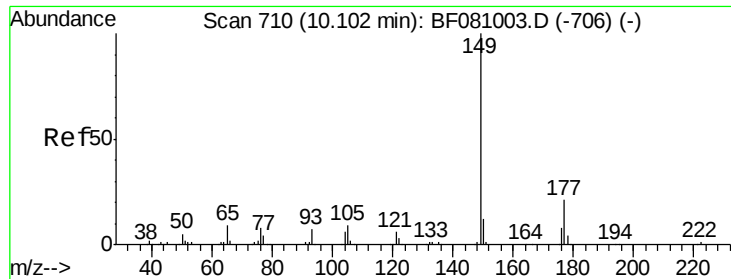
Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Tgt Ion:	232	Resp:	66083
Ion Ratio		Lower	Upper
232	100		
131	51.1	42.2	63.4
130	2.6	2.1	3.1
166	27.9	22.4	33.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





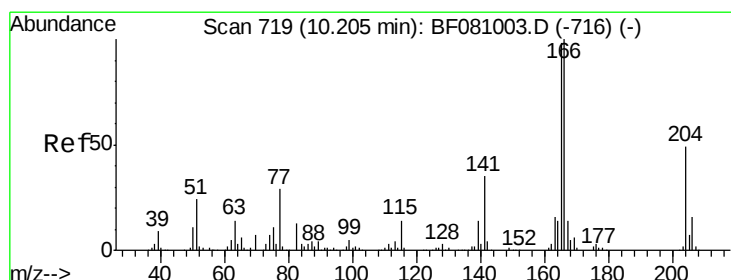
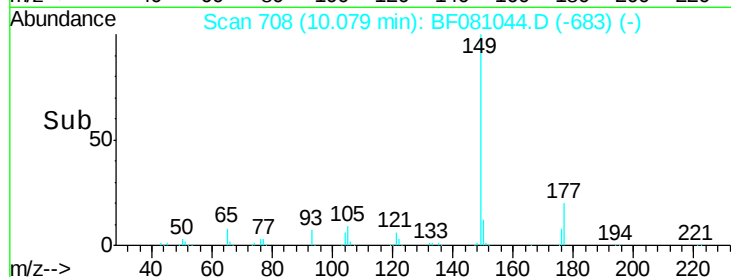
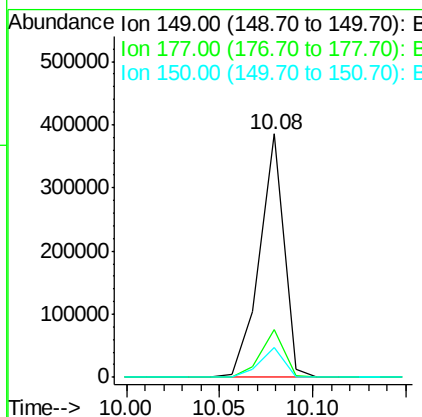
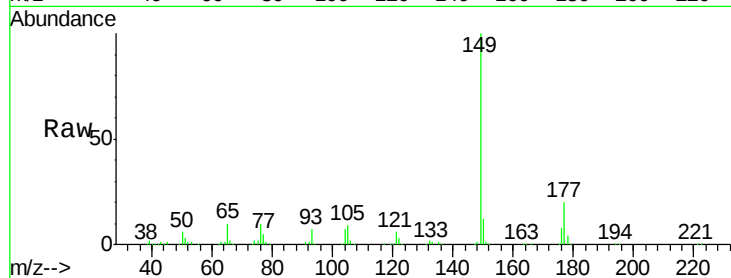
#59
Diethylphthalate
Concen: 41.10 ng
RT: 10.08 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	348487		
177	19.9	14.1	21.1	
150	12.3	10.3	15.5	

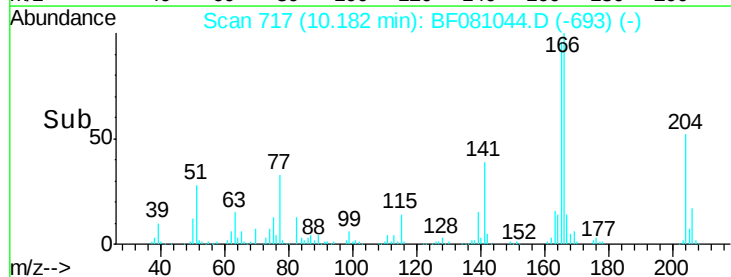
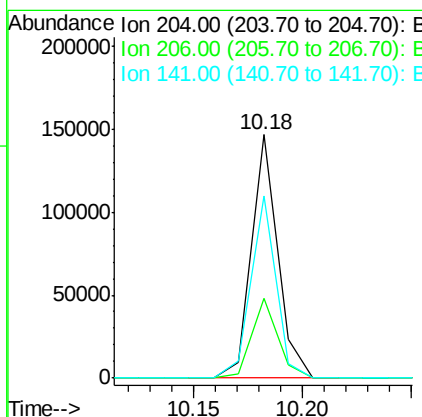
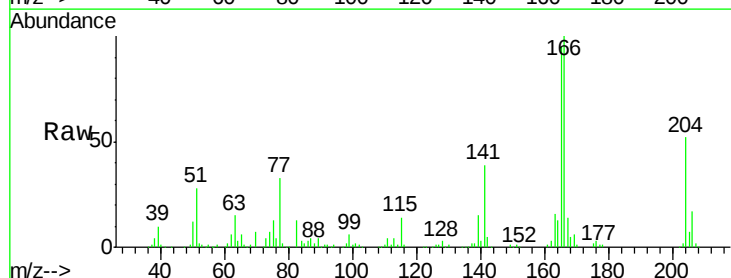
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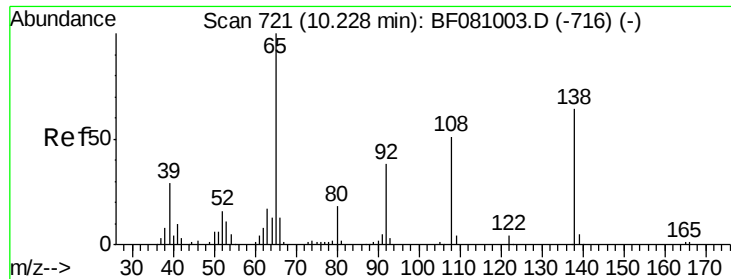
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#60
4-Chlorophenyl-phenylether
Concen: 38.32 ng
RT: 10.18 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	123189		
206	32.5	26.2	39.2	
141	75.0	59.6	89.4	





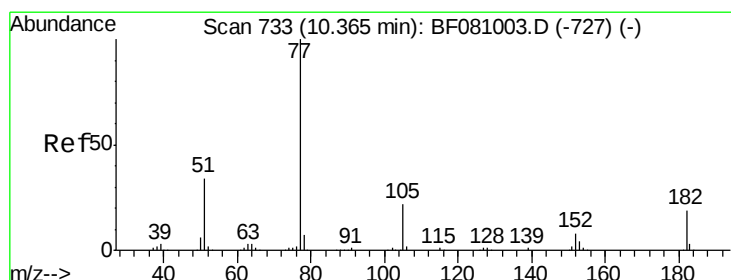
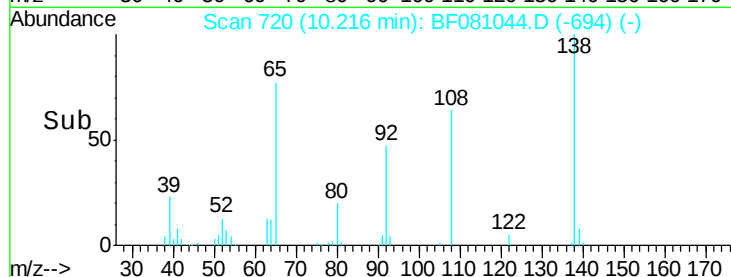
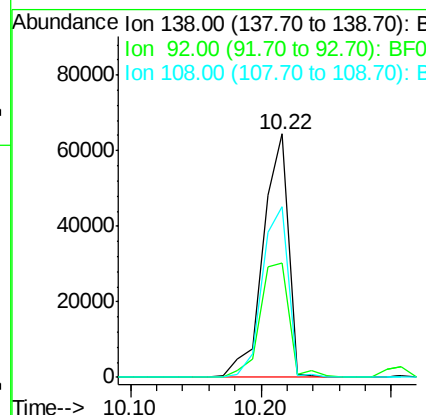
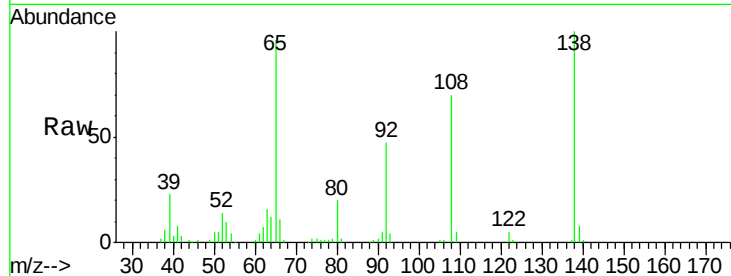
#61
4-Nitroaniline
Concen: 39.56 ng
RT: 10.22 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.8	34.7	74.7
108	69.9	68.9	108.9

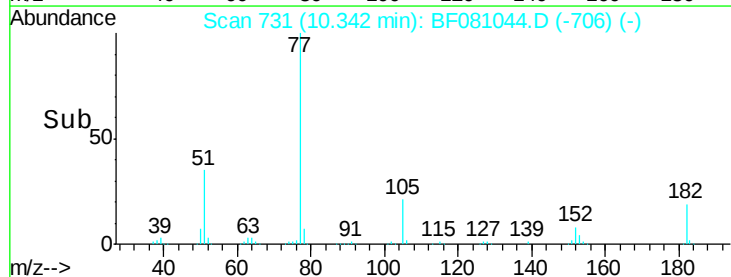
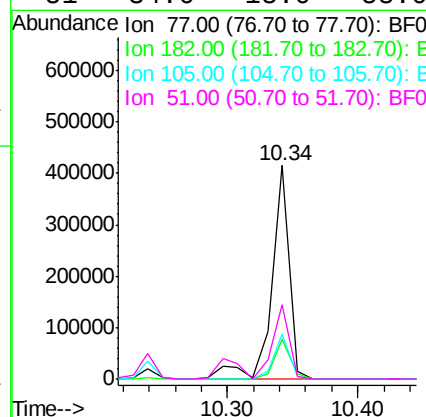
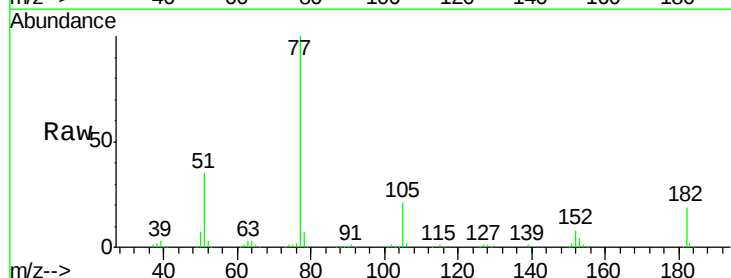
Manual Integrations
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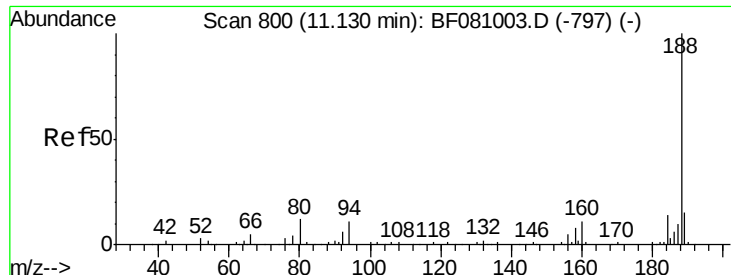
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#62
Azobenzene
Concen: 40.41 ng
RT: 10.34 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.7	0.0	39.0
105	21.2	0.2	40.2
51	34.6	18.0	58.0





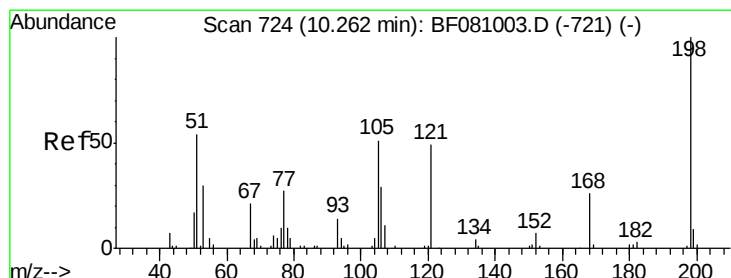
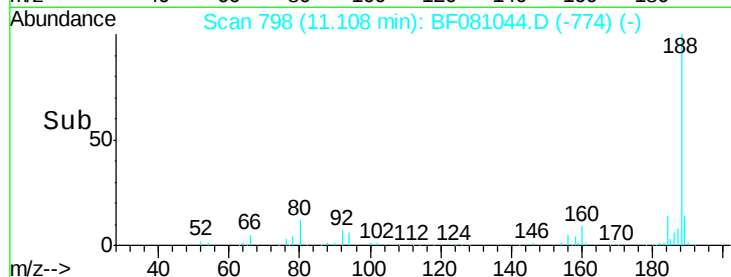
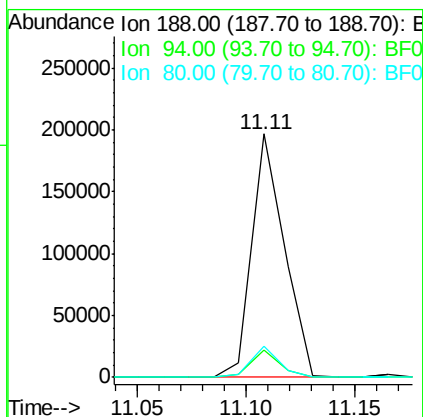
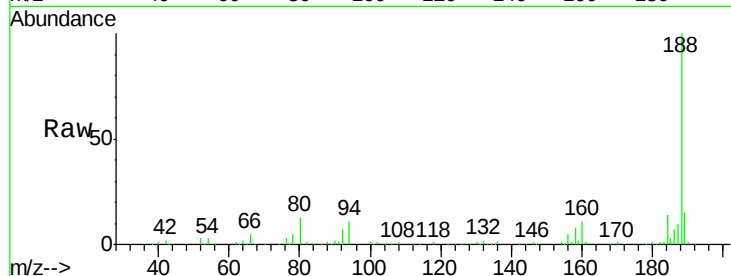
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	204978		
94	11.4	8.2	12.2	
80	12.6	9.5	14.3	

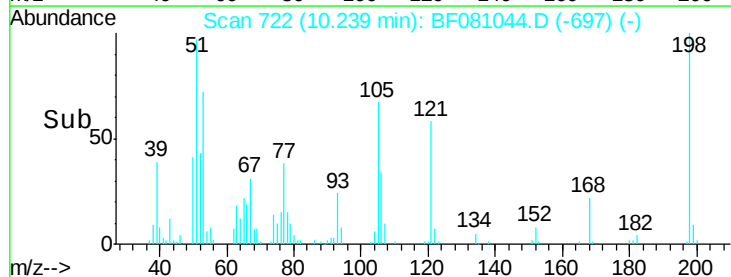
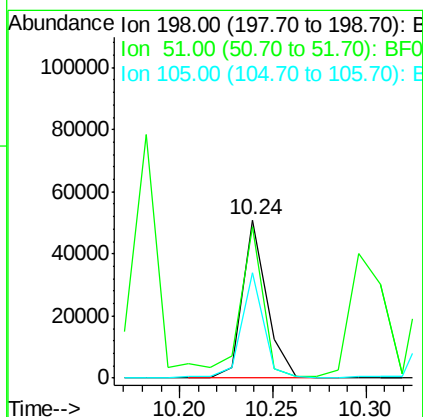
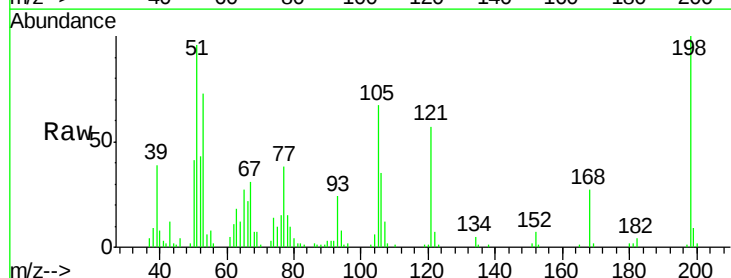
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.67 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	46113		
51	96.1	79.7	119.7	
105	66.6	47.0	87.0	





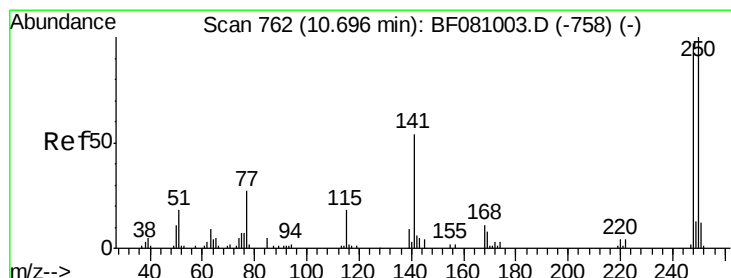
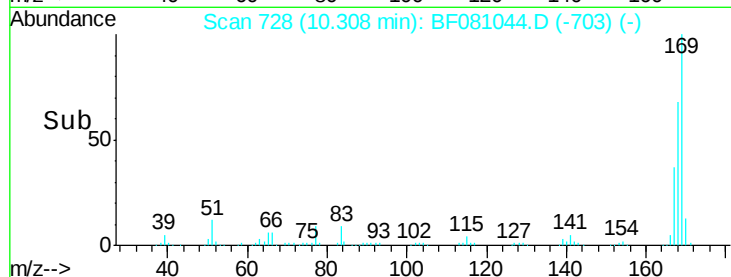
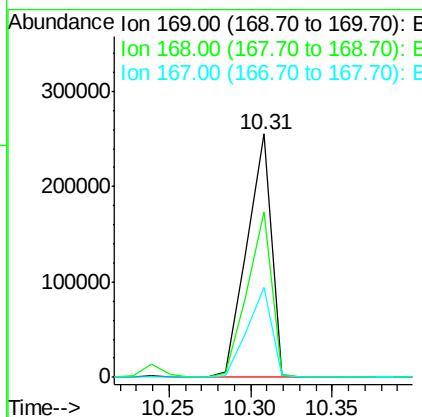
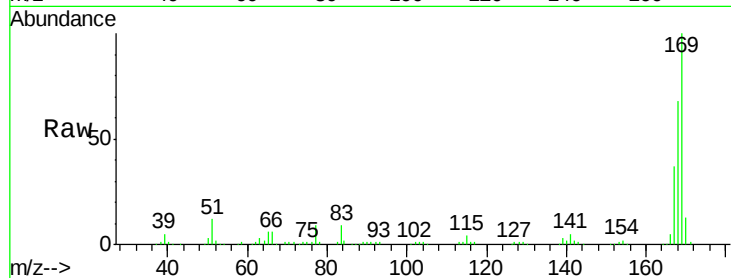
#65
 n-Nitrosodiphenylamine
 Concen: 36.47 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

Tot Ion:	169	Resp:	266829
Ion Ratio	Lower	Upper	
169	100		
168	68.0	55.3	82.9
167	37.1	30.8	46.2

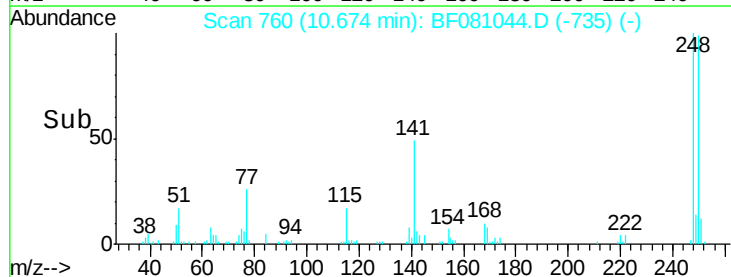
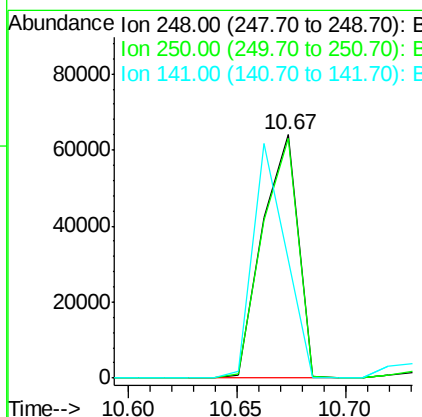
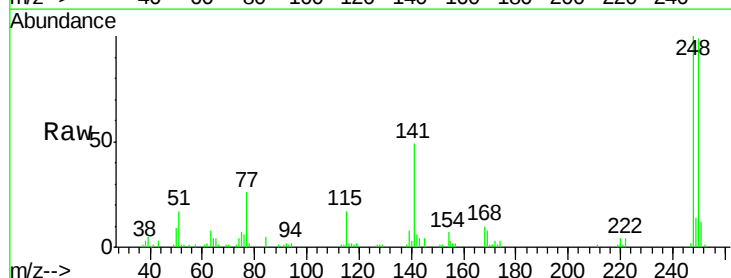
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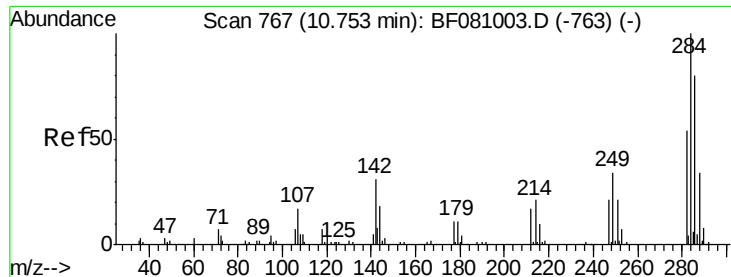
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#66
 4-Bromophenyl-phenylether
 Concen: 36.65 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Tgt Ion:	248	Resp:	73793
Ion Ratio	Lower	Upper	
248	100		
250	98.6	77.8	116.6
141	48.7	39.8	59.6





#67

Hexachlorobenzene

Concen: 38.21 ng

RT: 10.73 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

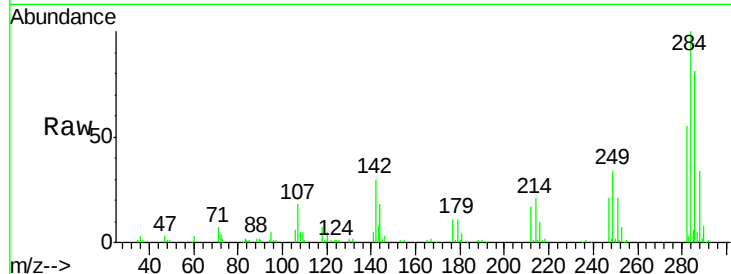
ClientSampleId :

PB85041BS

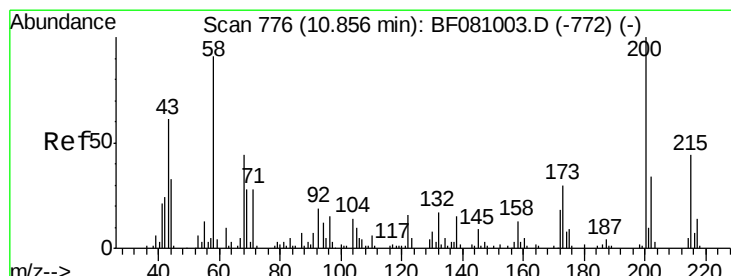
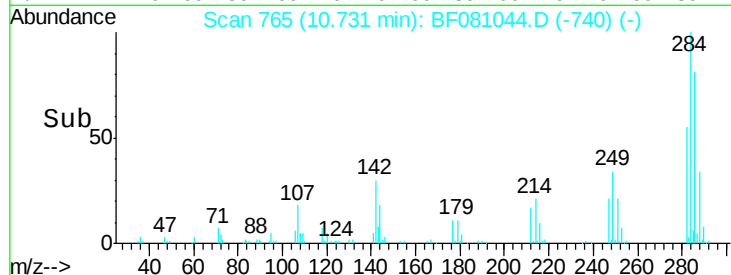
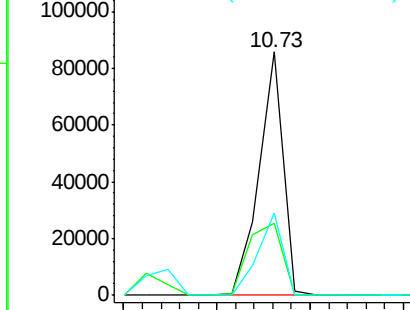
Tot Ion:	284	Resp:	77931
Ion Ratio	Lower	Upper	
284	100		
142	29.5	25.4	38.0
249	33.9	28.5	42.7

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



#68

Atrazine

Concen: 39.52 ng

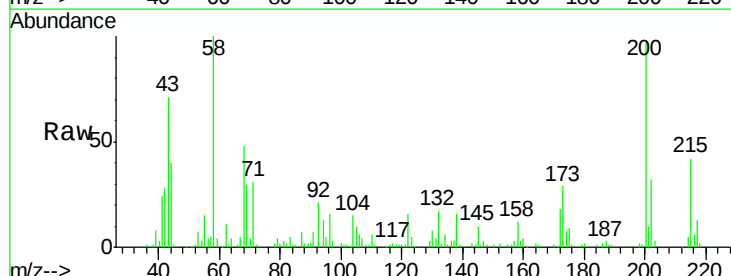
RT: 10.83 min Scan# 774

Delta R.T. -0.01 min

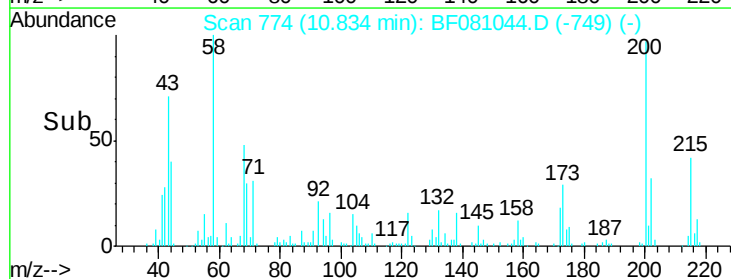
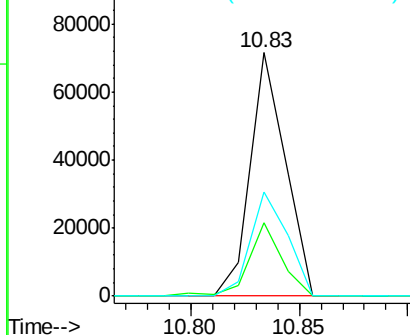
Lab File: BF081044.D

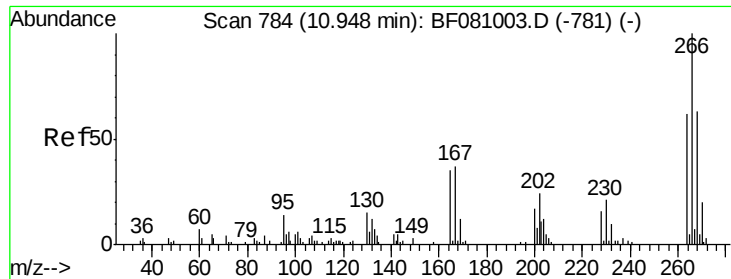
Acq: 18 Aug 2015 15:53

Tgt Ion:	200	Resp:	80574
Ion Ratio	Lower	Upper	
200	100		
173	29.9	8.1	48.1
215	42.8	23.3	63.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





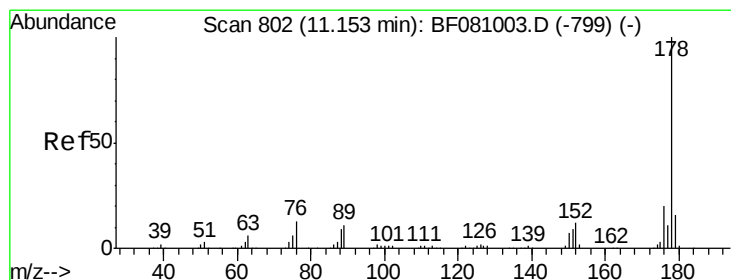
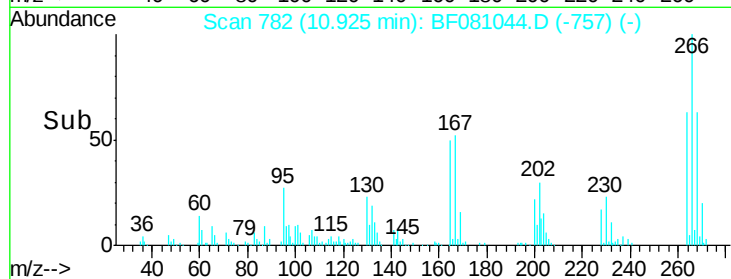
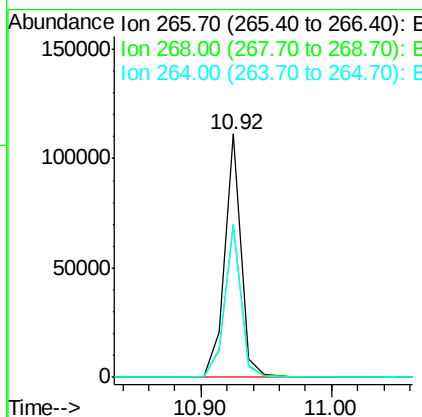
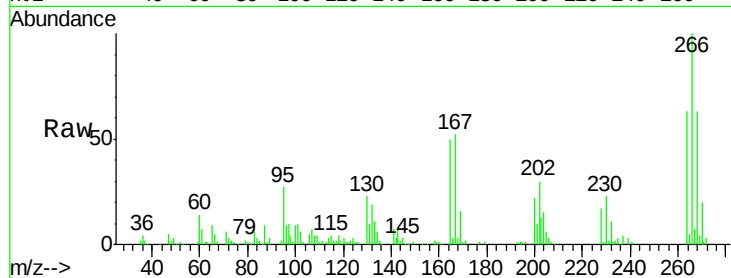
#69
 Pentachlorophenol
 Concen: 80.27 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

Tot Ion:	266	Resp:	98211
Ion Ratio		Lower	Upper
266	100		
268	62.9	51.2	76.8
264	63.0	50.6	75.8

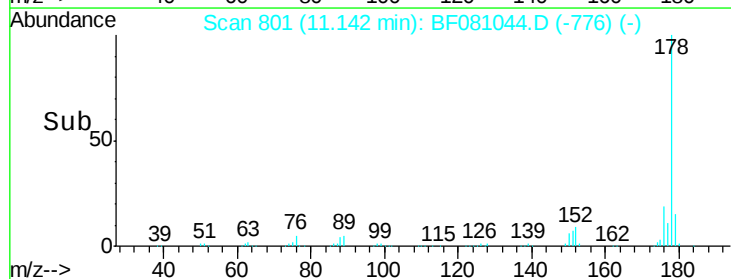
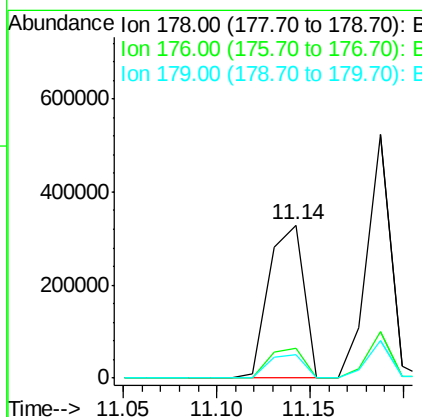
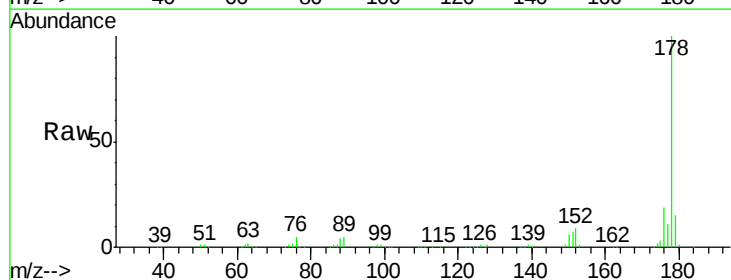
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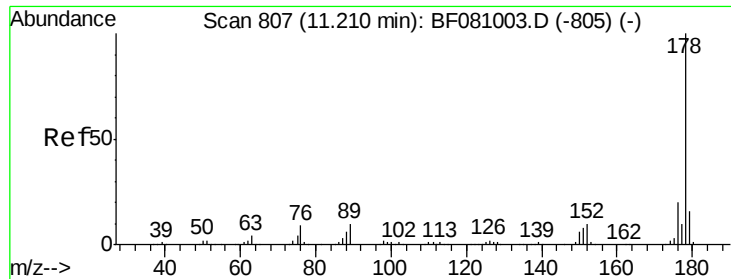
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#70
 Phenanthrene
 Concen: 35.30 ng
 RT: 11.14 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Tgt Ion:	178	Resp:	428831
Ion Ratio		Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.1	12.2	18.2





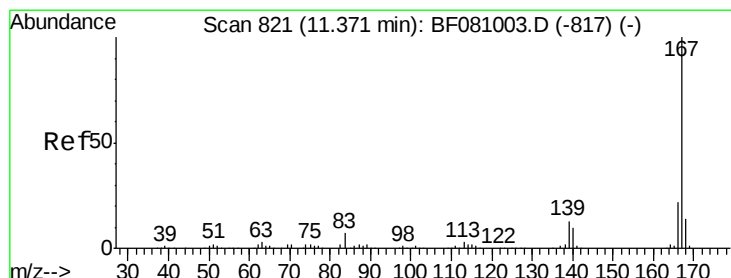
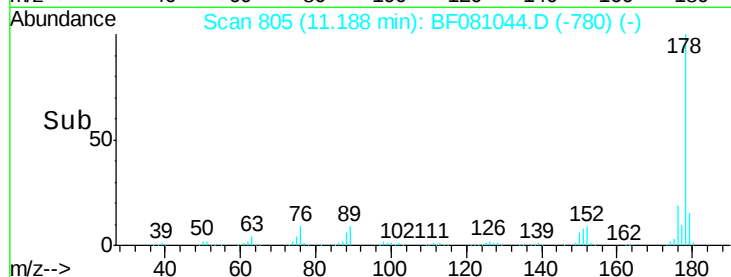
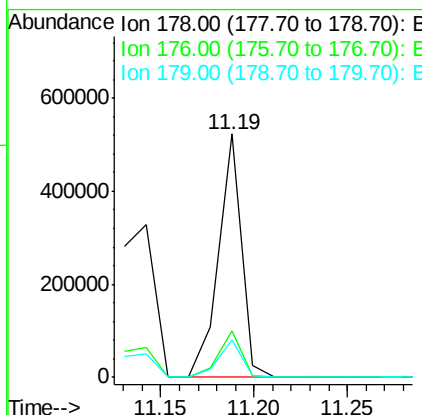
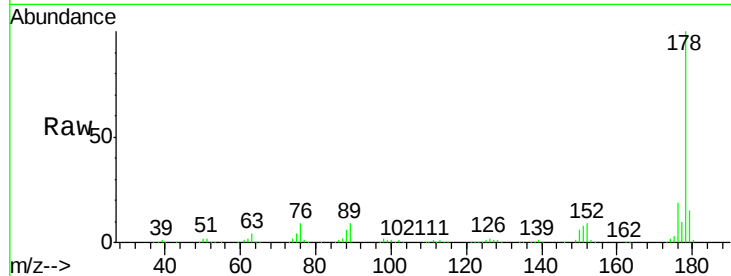
#71
 Anthracene
 Concen: 38.24 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

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

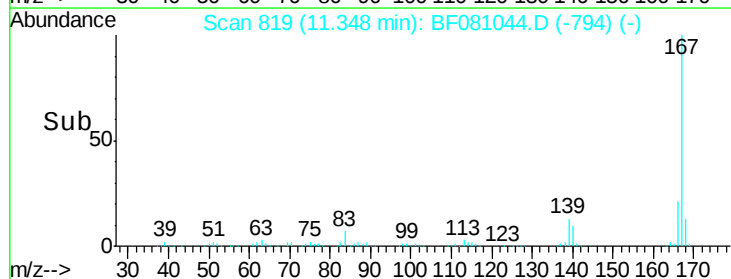
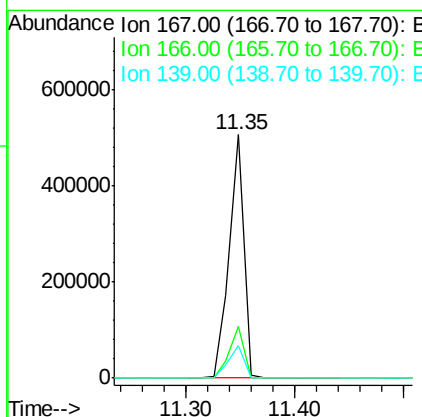
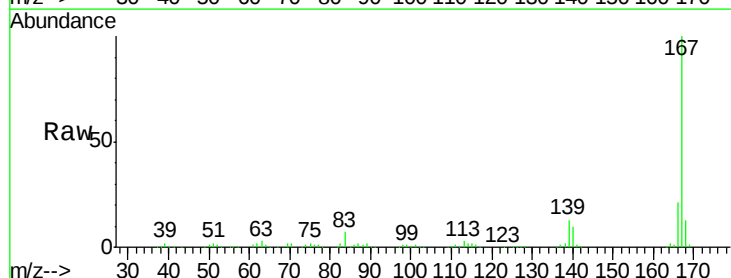
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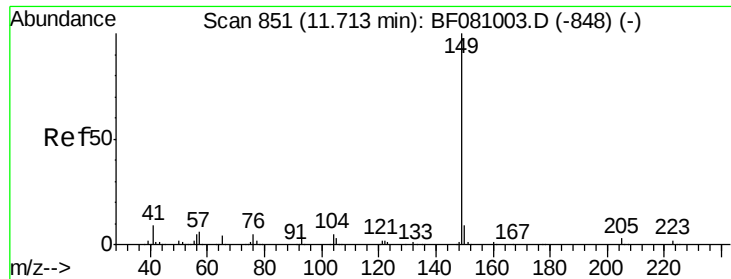
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#72
 Carbazole
 Concen: 41.73 ng
 RT: 11.35 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	13.1	10.6	16.0





#73

Di-n-butylphthalate

Concen: 40.78 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

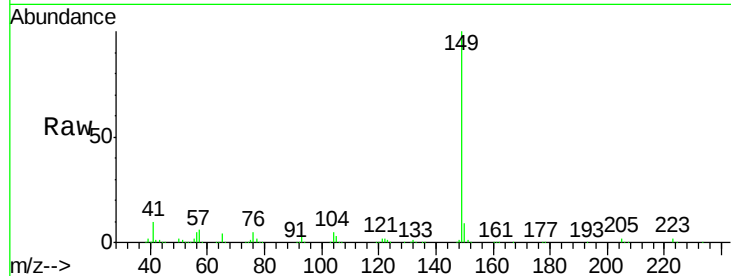
ClientSampleId :

PB85041BS

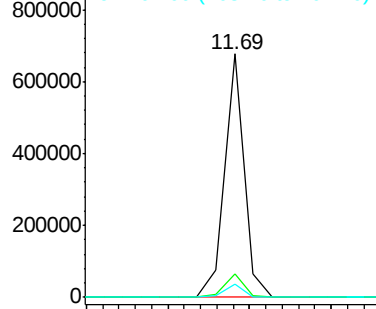
Tot Ion:	149	Resp:	561605
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.1	10.7
104	5.3	3.9	5.9

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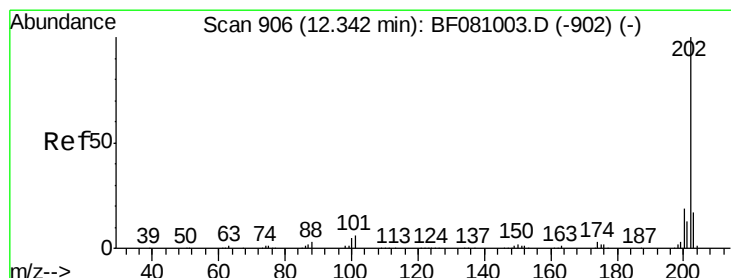
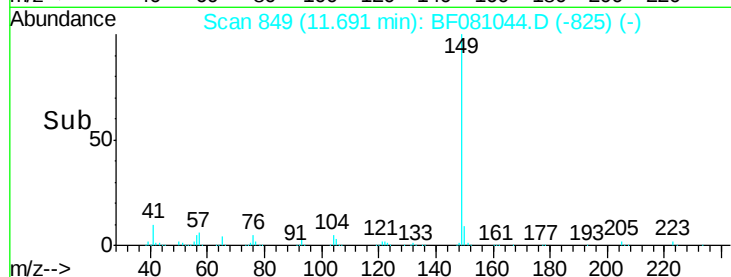
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 11.60 11.65 11.70 11.75



#74

Fluoranthene

Concen: 38.27 ng

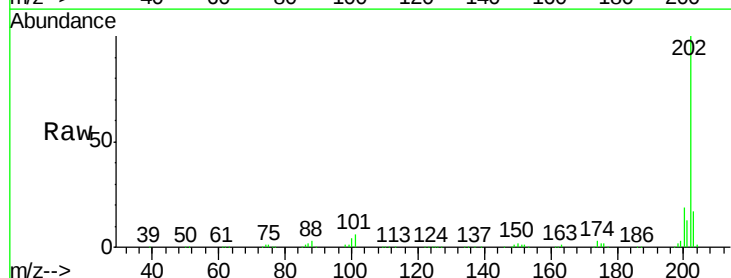
RT: 12.32 min Scan# 904

Delta R.T. -0.01 min

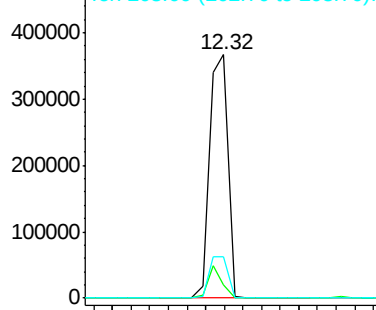
Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

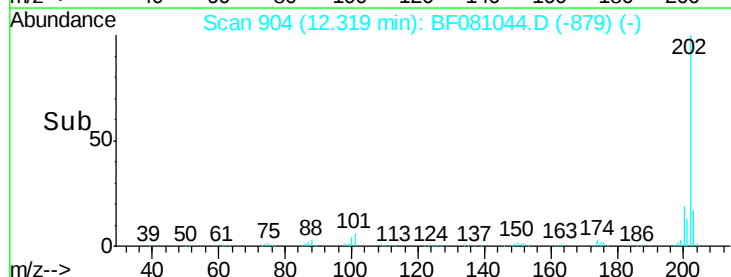
Tgt Ion:	202	Resp:	501682
Ion Ratio	Lower	Upper	
202	100		
101	5.6	0.0	24.8
203	16.9	0.0	36.9

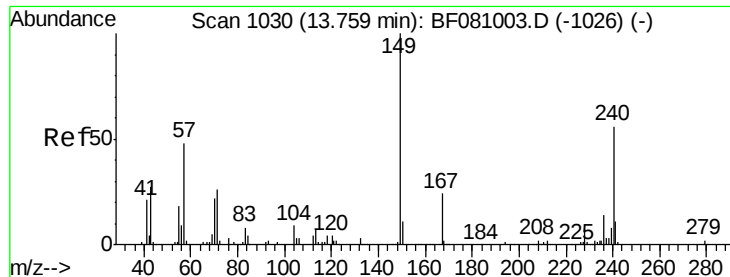


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.20 12.30 12.40





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

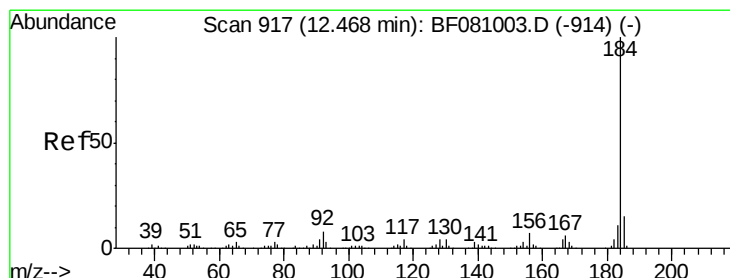
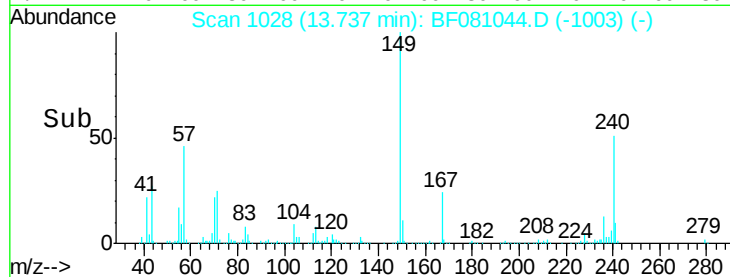
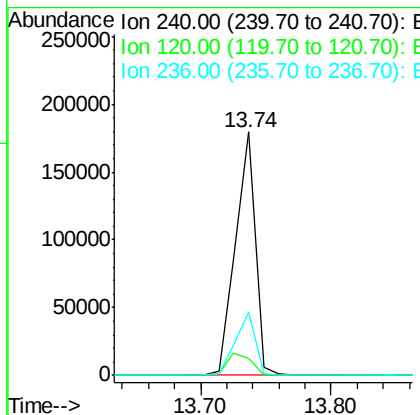
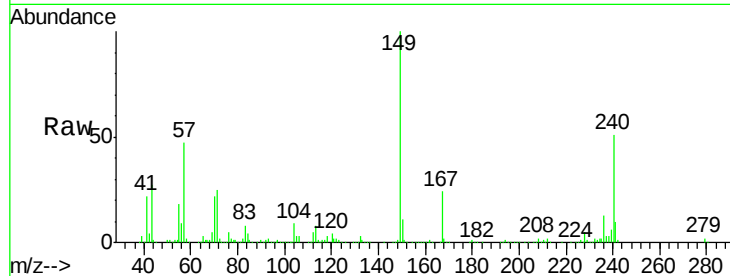
ClientSampleId :

PB85041BS

Tot Ion:	240	Resp:	188496
Ion Ratio	Lower	Upper	
240	100		
120	7.3	5.6	8.4
236	25.9	20.6	30.8

Manual Integrations
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#76

Benzidine

Concen: 38.60 ng

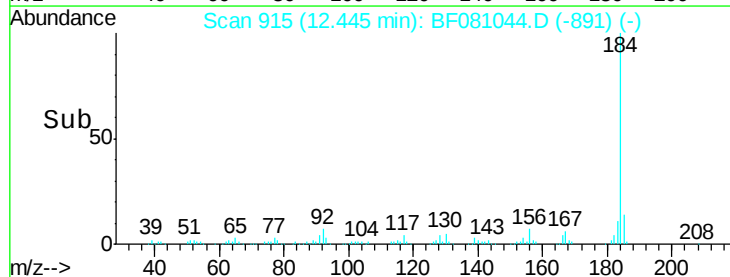
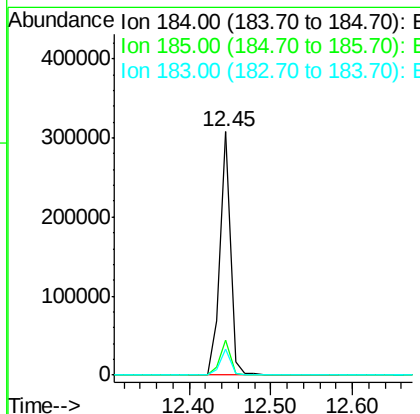
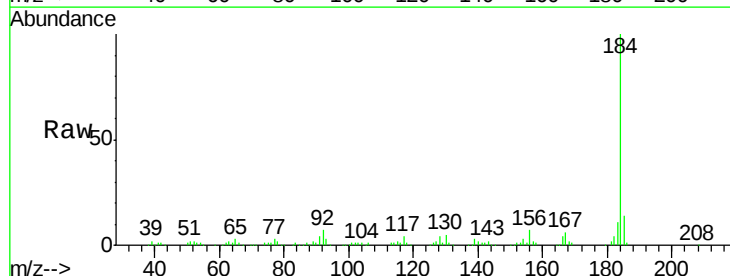
RT: 12.45 min Scan# 915

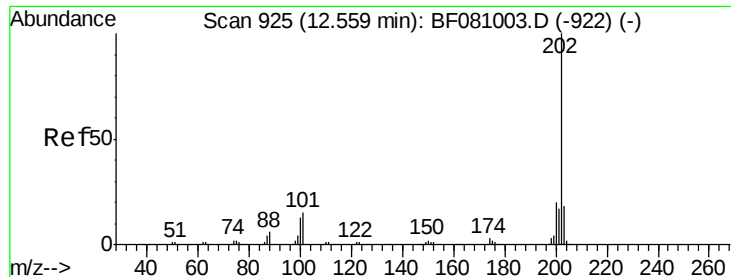
Delta R.T. -0.02 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Tgt Ion:	184	Resp:	274842
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.0	18.0
183	10.8	8.9	13.3





#77

Pvrene

Concen: 31.54 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

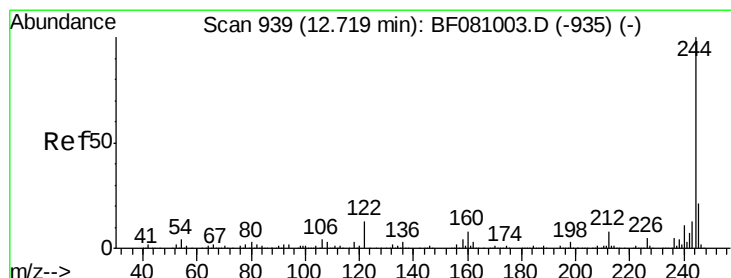
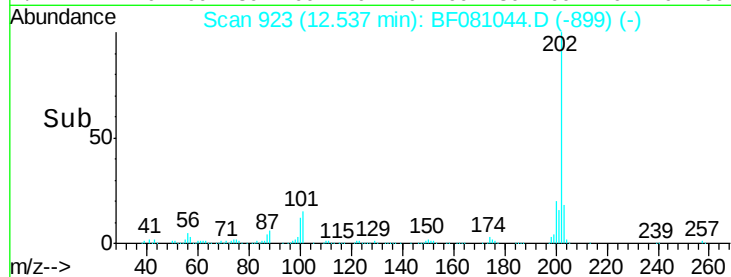
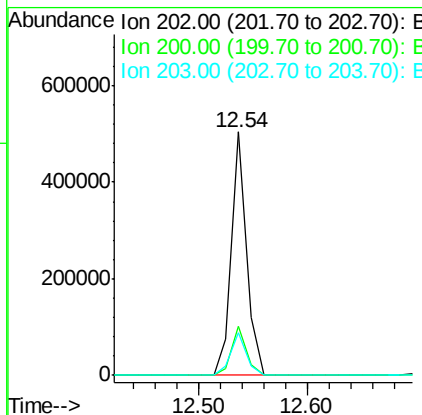
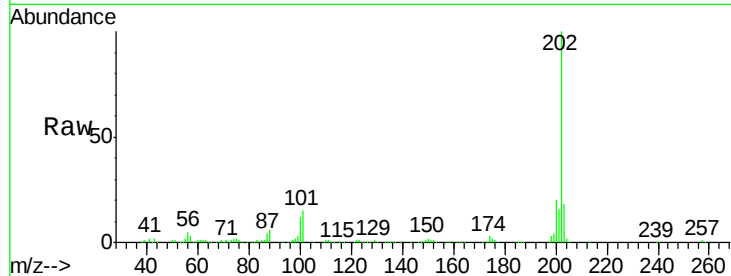
ClientSampleId :

PB85041BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		483355		
200	20.2	16.6	24.8		
203	17.6	14.1	21.1		

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#78

Terphenyl-d14

Concen: 66.26 ng

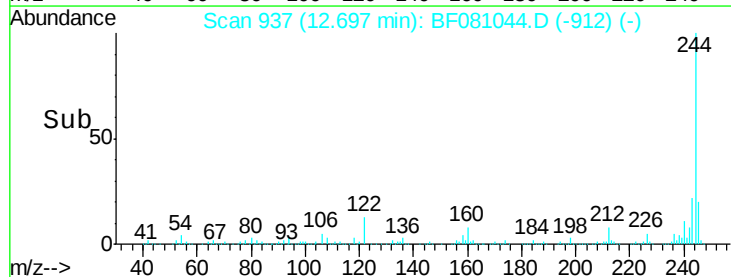
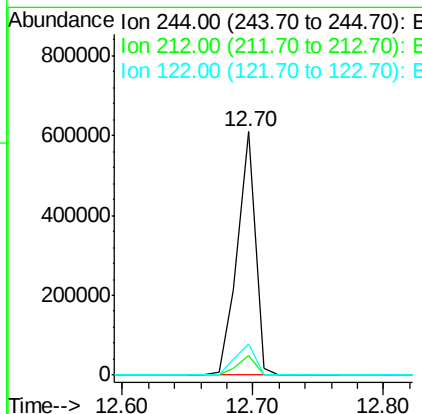
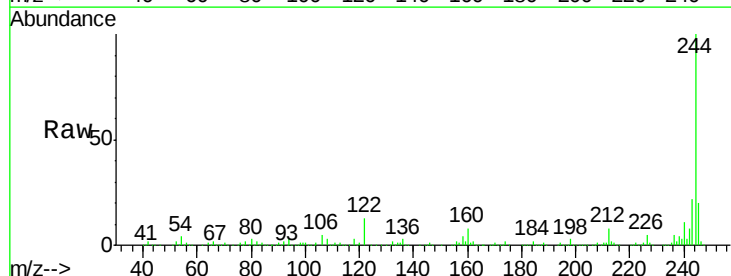
RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		582630		
212	7.8	5.8	8.8		
122	13.0	8.2	12.4#		





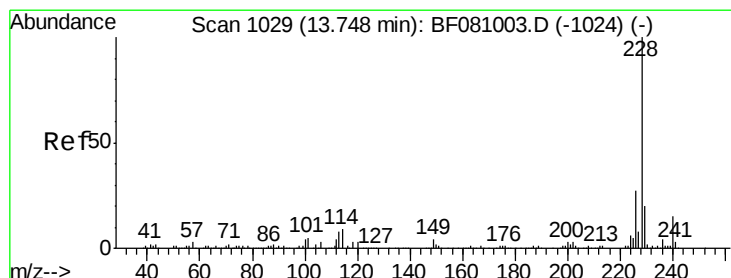
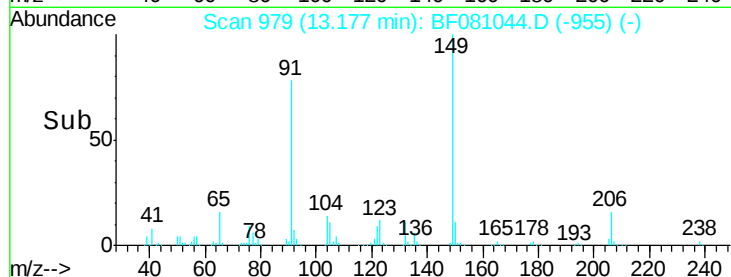
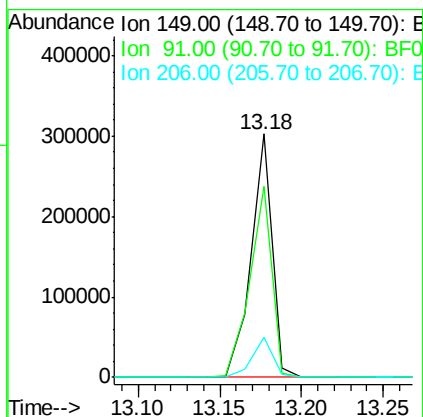
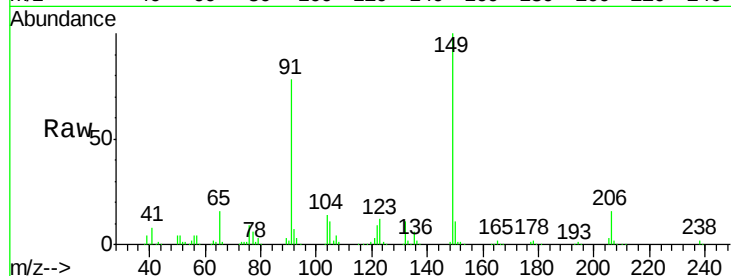
#79
Butylbenzylphthalate
Concen: 41.03 ng
RT: 13.18 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	78.4	46.9	70.3#
206	16.5	17.0	25.4#

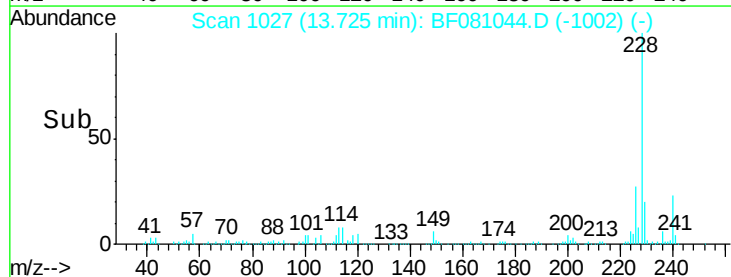
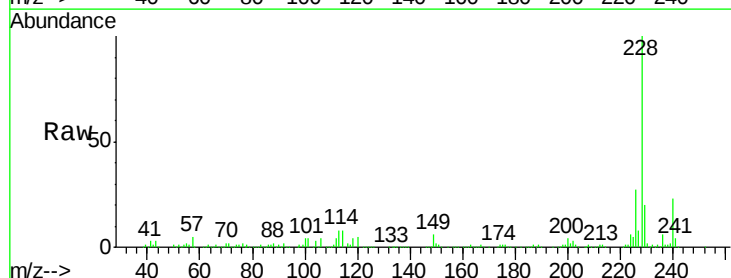
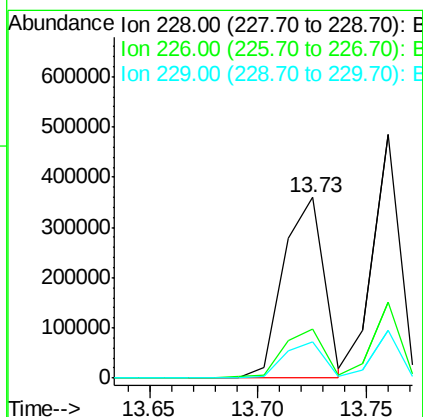
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#80
Benzo(a)anthracene
Concen: 36.83 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.3	22.3	33.5
229	19.7	15.9	23.9





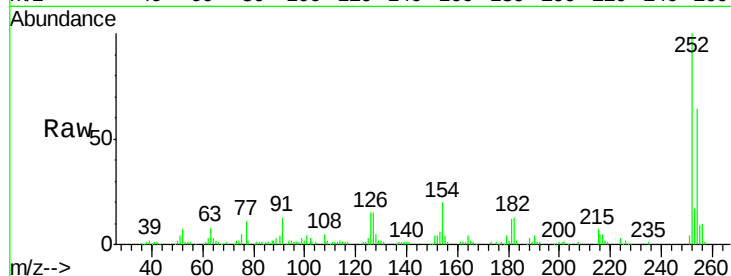
#81
 3,3'-Dichlorobenzidine
 Concen: 23.08 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

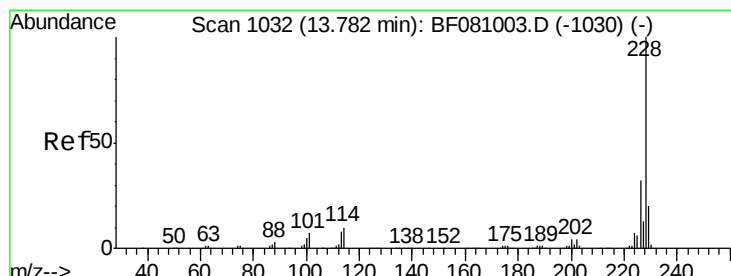
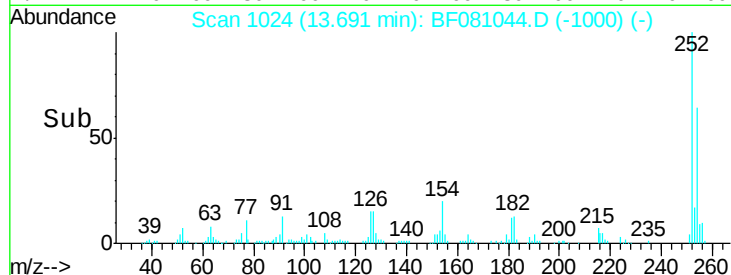
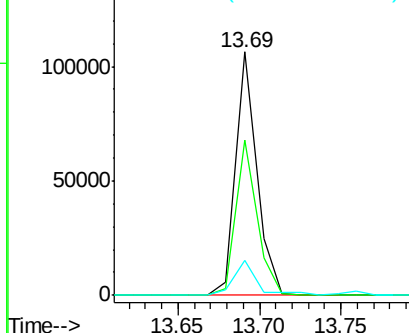
Tot Ion:	252	Resp:	94511
Ion Ratio	Lower	Upper	
252	100		
254	64.0	51.5	77.3
126	14.6	12.5	18.7

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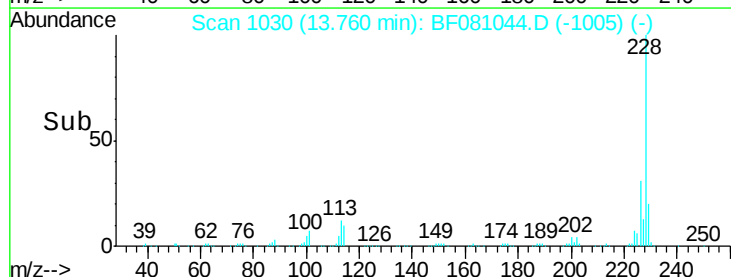
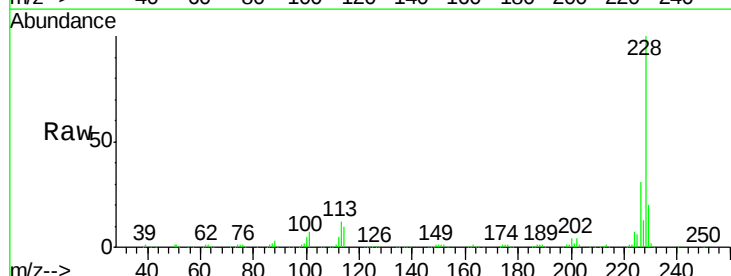
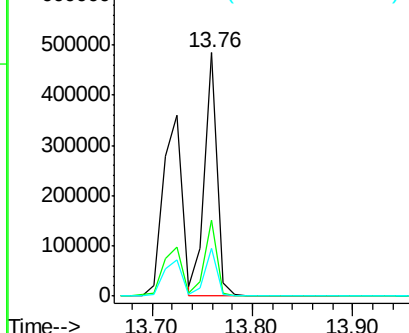
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

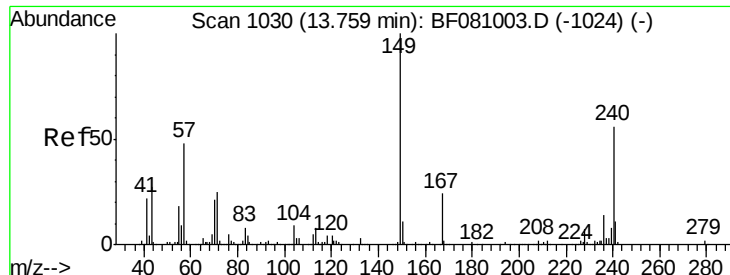


#82
 Chrysene
 Concen: 36.98 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Tgt Ion:	228	Resp:	421303
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.4	36.6
229	19.9	16.0	24.0

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.83 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

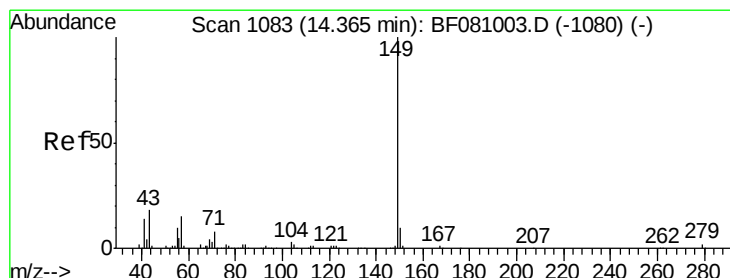
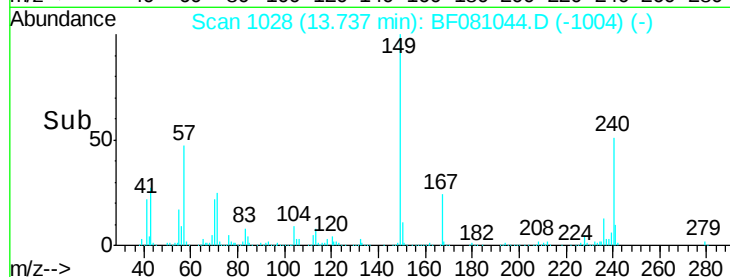
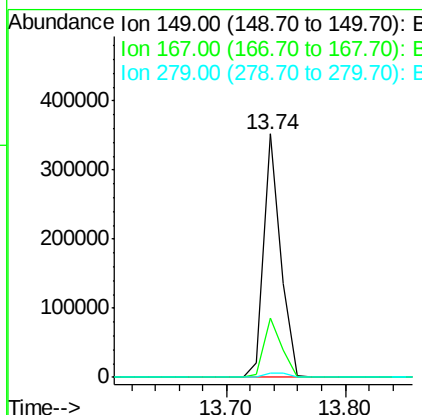
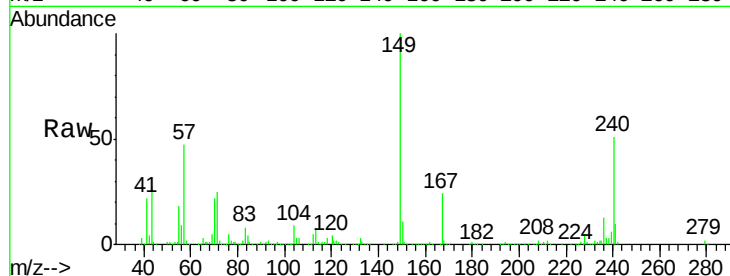
ClientSampleId :

PB85041BS

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Tot Ion	Ratio	Resp	Lower	Upper
149	100	352914		
167	24.3	20.7	31.1	
279	1.6	2.2	3.4	



#84

Di-n-octyl phthalate

Concen: 49.62 ng

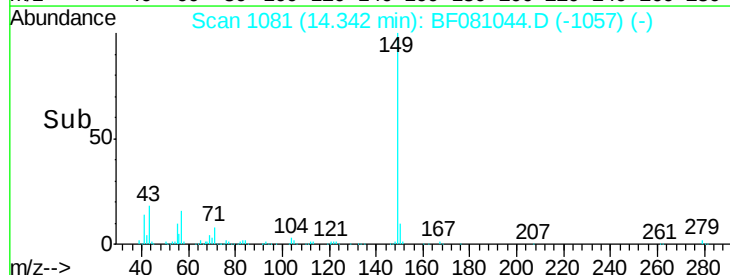
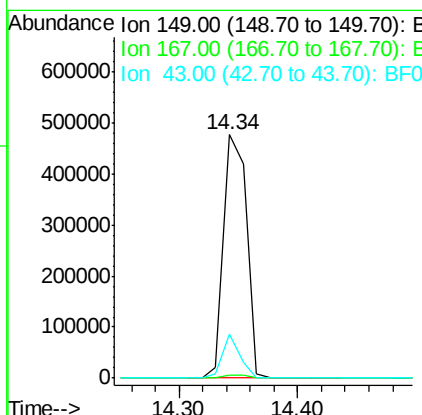
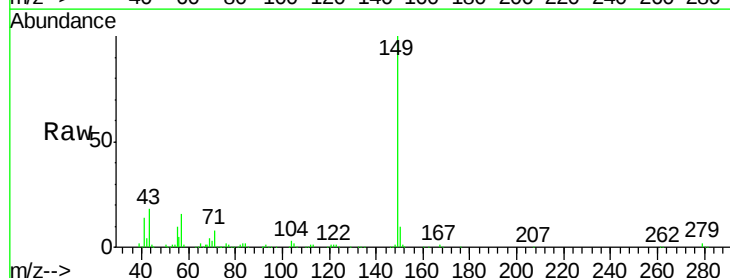
RT: 14.34 min Scan# 1081

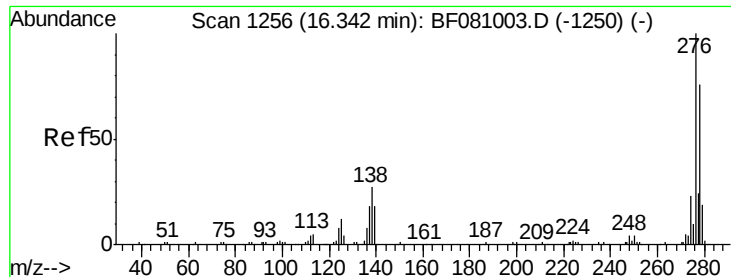
Delta R.T. -0.02 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	636313		
167	1.4	1.1	1.7	
43	13.6	11.6	17.4	





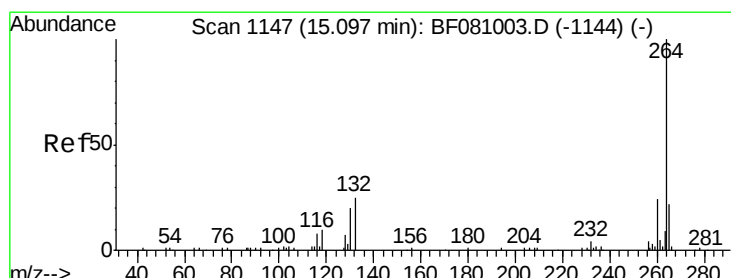
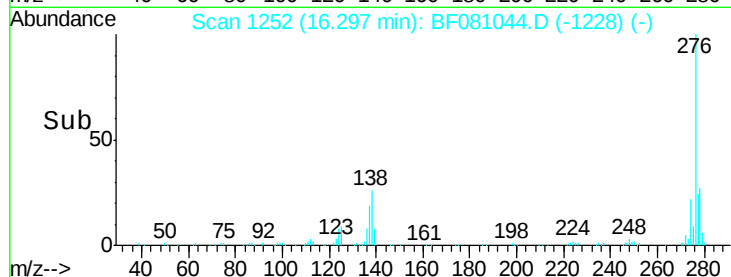
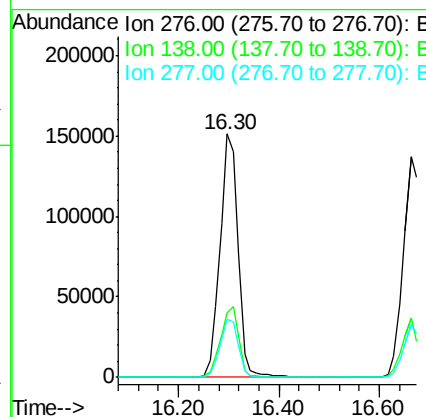
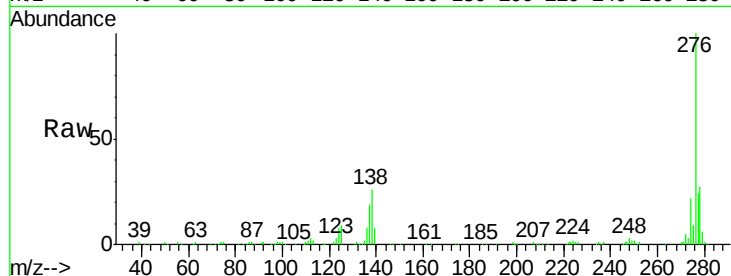
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.03 ng
RT: 16.30 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	376143		
138	29.4	18.6	28.0#	
277	24.4	19.8	29.8	

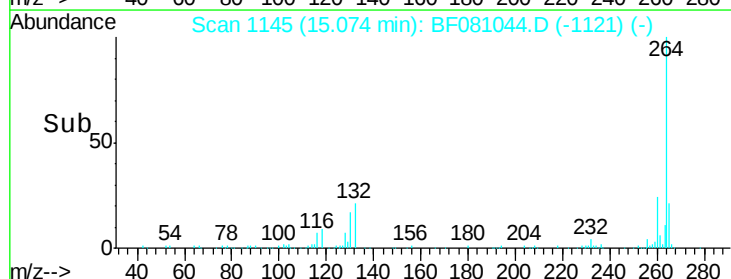
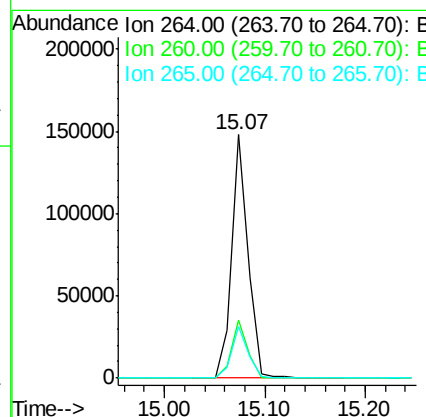
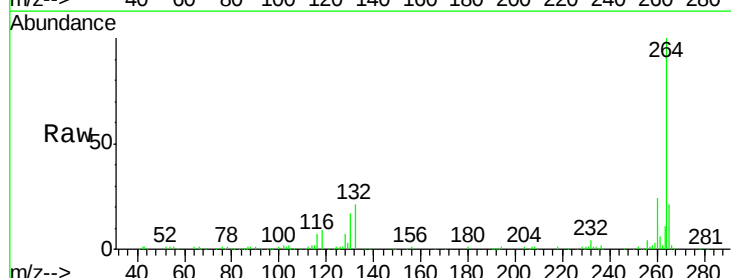
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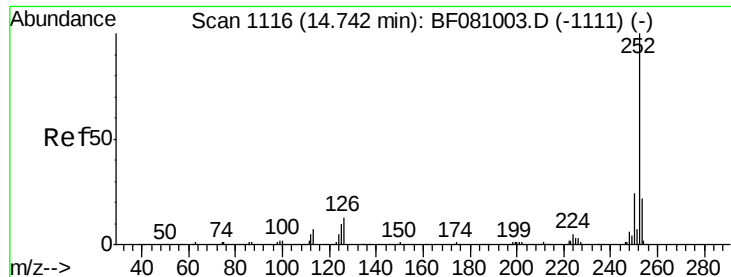
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	167836		
260	23.7	19.6	29.4	
265	21.4	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 38.42 ng m

RT: 14.72 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Instrument :

BNA_F

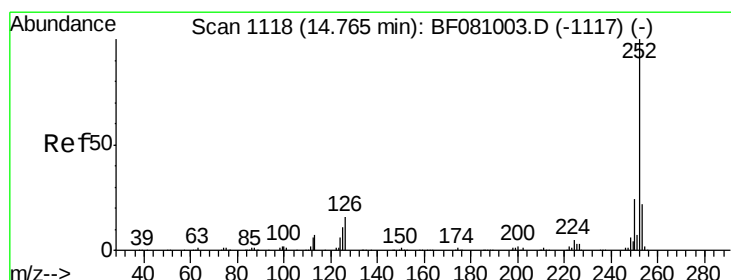
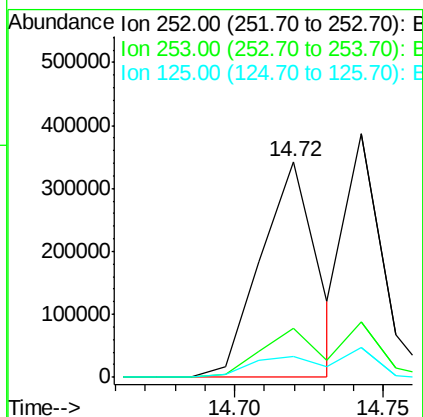
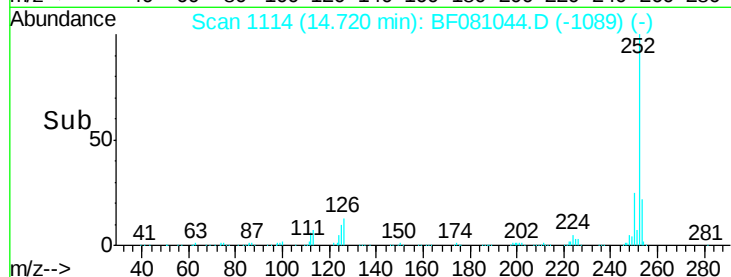
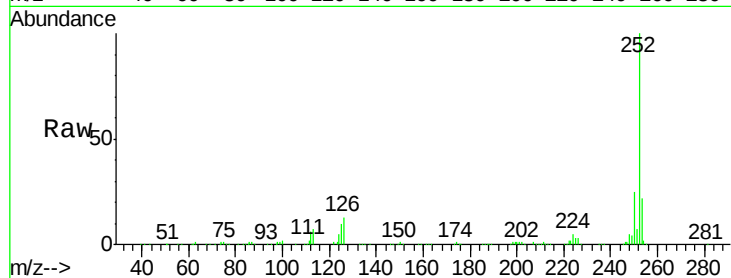
ClientSampleId :

PB85041BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	456112		
253	22.5	17.1	25.7	
125	9.8	8.0	12.0	

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#88

Benzo(k)fluoranthene

Concen: 28.72 ng m

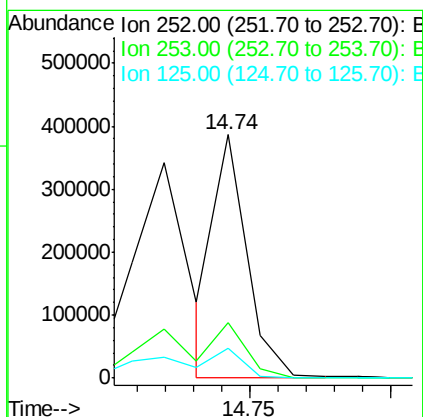
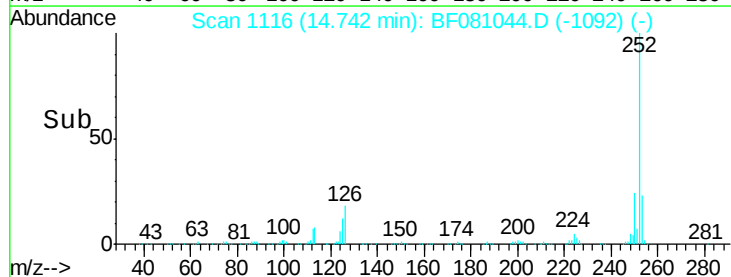
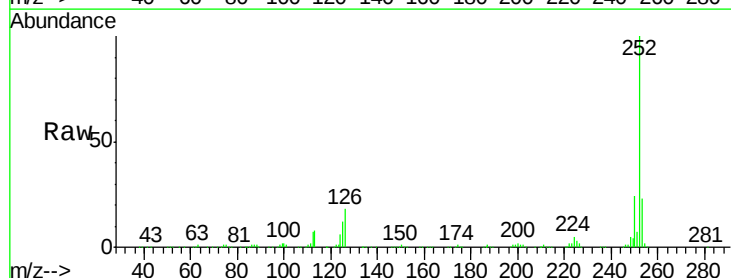
RT: 14.74 min Scan# 1116

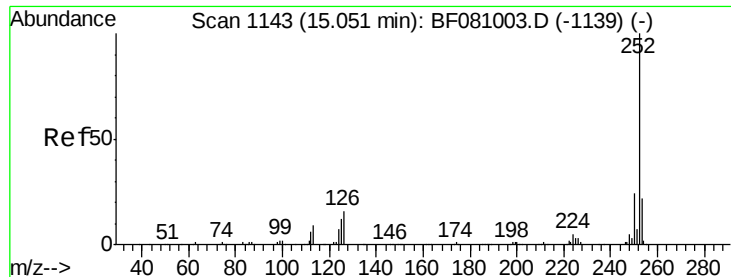
Delta R.T. -0.02 min

Lab File: BF081044.D

Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	317696		
253	22.7	17.6	26.4	
125	12.4	10.3	15.5	





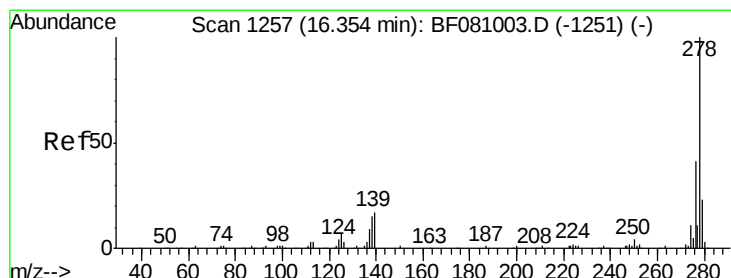
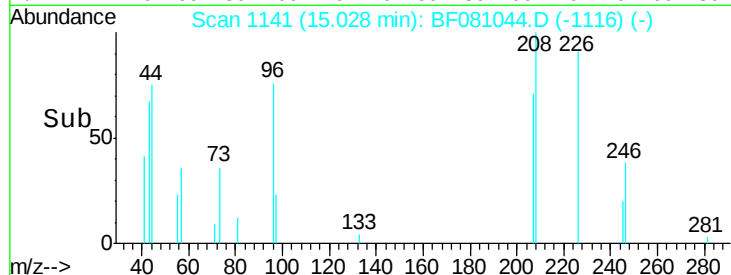
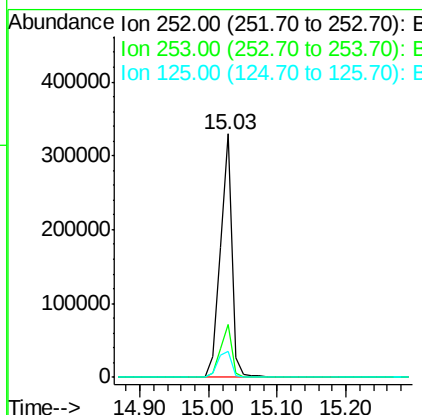
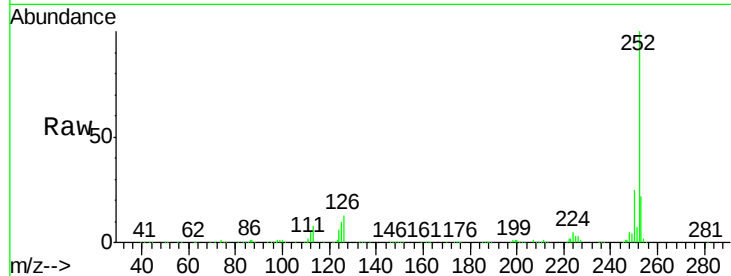
#89
Benzo(a)pyrene
Concen: 38.09 ng
RT: 15.03 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB85041BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.6	25.0
125	10.5	7.8	11.8

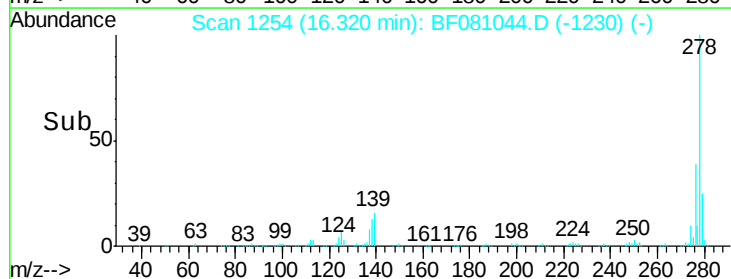
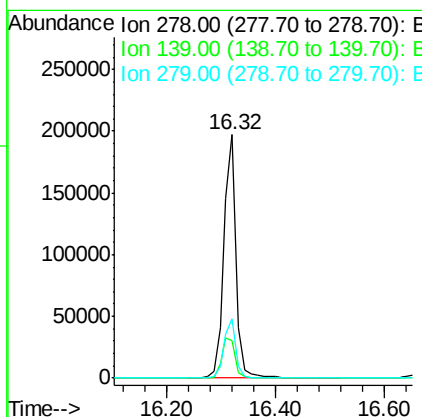
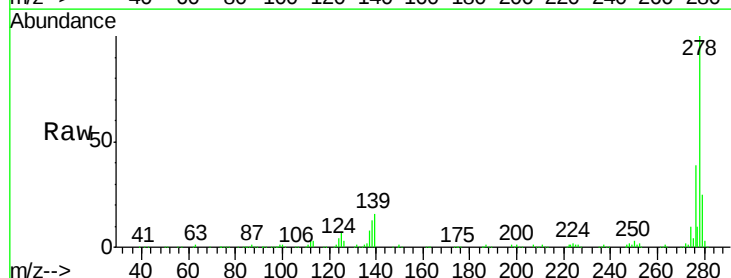
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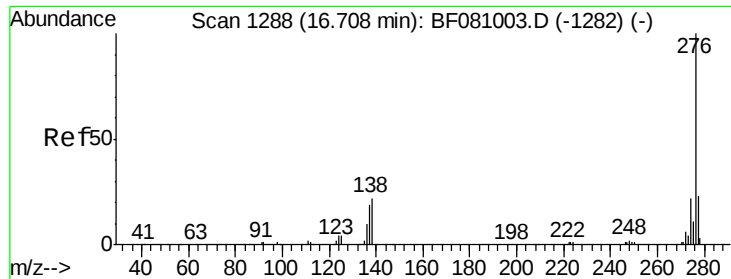
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#90
Dibenzo(a,h)anthracene
Concen: 38.48 ng
RT: 16.32 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF081044.D
Acq: 18 Aug 2015 15:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	10.8	16.2
279	24.6	19.0	28.6





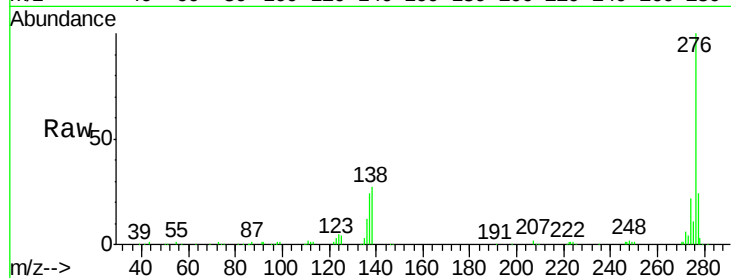
#91
 Benzo(a,h,i)perylene
 Concen: 37.30 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF081044.D
 Acq: 18 Aug 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB85041BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.0	18.2	27.2
138	27.0	13.7	20.5

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

