

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084091.D
 Acq On : 24 Dec 2015 20:57
 Operator : UM/SJ
 Sample : PB87543BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:09:52 PM

Quant Time: Dec 25 04:31:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	52649	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	213388	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	101088	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	190530	20.00	ng	0.00
75) Chrysene-d12	13.96	240	136996	20.00	ng	0.00
86) Perylene-d12	15.38	264	109308	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	368188	118.57	ng	0.01
7) Phenol-d6	6.45	99	411625	107.12	ng	0.00
23) Nitrobenzene-d5	7.37	82	261784	71.81	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	119917	111.24	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	524939	71.05	ng	0.00
78) Terphenyl-d14	12.90	244	471124	62.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	38869	30.54	ng	99
3) Pyridine	3.13	79	106439	34.24	ng	97
4) n-Nitrosodimethylamine	3.07	42	51302	37.46	ng	94
6) Aniline	6.46	93	147336	30.33	ng	# 63
8) 2-Chlorophenol	6.59	128	144353	37.43	ng	94
9) Benzaldehyde	6.35	77	39069	19.01	ng	92
10) Phenol	6.46	94	140560	31.98	ng	# 60
11) bis(2-Chloroethyl)ether	6.53	93	109234	34.47	ng	93
12) 1,3-Dichlorobenzene	6.74	146	147472	35.03	ng	98
13) 1,4-Dichlorobenzene	6.82	146	146951m	34.69	ng	
14) 1,2-Dichlorobenzene	6.97	146	137019	35.10	ng	99
15) Benzyl Alcohol	6.96	79	113529	39.01	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	104846	33.87	ng	62
17) 2-Methylphenol	7.07	107	101669	34.33	ng	# 91
18) Hexachloroethane	7.31	117	54454	35.22	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	86885	36.71	ng	# 89
20) 3+4-Methylphenols	7.23	107	143096	37.88	ng	# 49
22) Acetophenone	7.22	105	183748	34.46	ng	# 91
24) Nitrobenzene	7.39	77	128714	33.25	ng	# 84
25) Isophorone	7.63	82	236699	35.10	ng	# 94
26) 2-Nitrophenol	7.70	139	71683	36.19	ng	# 79
27) 2,4-Dimethylphenol	7.76	122	127222	38.70	ng	93
28) bis(2-Chloroethoxy)methane	7.84	93	137710	35.03	ng	100
29) 2,4-Dichlorophenol	7.95	162	110506	36.19	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	115881	34.63	ng	96
31) Naphthalene	8.11	128	395572	34.84	ng	98
32) Benzoic acid	7.89	122	57095	36.22	ng	96
33) 4-Chloroaniline	8.16	127	114409	25.33	ng	98
34) Hexachlorobutadiene	8.22	225	63795	33.43	ng	99
35) Caprolactam	8.53	113	35460m	41.87	ng	
36) 4-Chloro-3-methylphenol	8.66	107	131940	38.43	ng	98
37) 2-Methylnaphthalene	8.80	142	254453	35.80	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	115755	36.32	ng	98
40) Hexachlorocyclopentadiene	8.96	237	70136	76.79	ng	97

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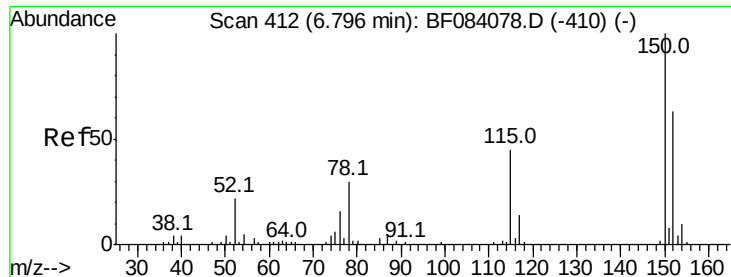
Manual Integrations
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 12/28/2015 1:09:52 PM

Quant Time: Dec 25 04:31:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	69239	33.32	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	73236	35.21	nq #	75
45) 1,1'-Biphenyl	9.26	154	337085	36.91	nq	96
46) 2-Chloronaphthalene	9.29	162	250339	36.06	nq	96
47) 2-Nitroaniline	9.39	65	72193	39.13	nq #	61
48) Acenaphthylene	9.70	152	383207	33.61	nq	99
49) Dimethylphthalate	9.57	163	303527	36.26	nq #	91
50) 2,6-Dinitrotoluene	9.63	165	70906	39.90	nq #	87
51) Acenaphthene	9.87	154	224345	33.83	nq	99
52) 3-Nitroaniline	9.80	138	56038	29.38	nq #	75
53) 2,4-Dinitrophenol	9.92	184	45047	69.28	nq	95
54) Dibenzofuran	10.04	168	326813	35.84	nq	91
55) 4-Nitrophenol	9.98	139	69849	71.76	nq #	74
56) 2,4-Dinitrotoluene	10.04	165	88008	37.52	nq	89
57) Fluorene	10.38	166	266259	34.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	56893	38.37	nq	98
59) Diethylphthalate	10.27	149	297781	35.02	nq	100
60) 4-Chlorophenyl-phenylether	10.37	204	118636	33.19	nq #	83
61) 4-Nitroaniline	10.42	138	73822	41.88	nq	96
62) Azobenzene	10.53	77	272256	38.86	nq	88
64) 4,6-Dinitro-2-methylphenol	10.45	198	37716	35.66	nq	83
65) n-Nitrosodiphenylamine	10.50	169	252581	37.19	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	77118	34.94	nq #	76
67) Hexachlorobenzene	10.93	284	83443	34.53	nq #	72
68) Atrazine	11.02	200	68320	33.40	nq	99
69) Pentachlorophenol	11.14	266	58158	73.83	nq	99
70) Phenanthrene	11.34	178	404430	35.81	nq	99
71) Anthracene	11.40	178	416632	35.28	nq	99
72) Carbazole	11.55	167	353274	35.16	nq	100
73) Di-n-butylphthalate	11.88	149	440908	34.06	nq #	98
74) Fluoranthene	12.53	202	426173	33.96	nq	96
76) Benzidine	12.65	184	171731	36.88	nq	98
77) Pyrene	12.76	202	436363	36.92	nq	100
79) Butylbenzylphthalate	13.38	149	181212	37.04	nq #	75
80) Benzo(a)anthracene	13.95	228	311827	37.00	nq	100
81) 3,3'-Dichlorobenzidine	13.91	252	77848	30.51	nq #	96
82) Chrysene	13.99	228	297080	38.23	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	247788	39.20	nq #	97
84) Di-n-octyl phthalate	14.55	149	356319	40.06	nq	100
85) Indeno(1,2,3-cd)pyrene	16.77	276	279441	35.91	nq	99
87) Benzo(b)fluoranthene	14.98	252	293197m	36.12	nq	
88) Benzo(k)fluoranthene	15.00	252	224324m	40.78	nq	
89) Benzo(a)pyrene	15.32	252	241514	36.11	nq	98
90) Dibenzo(a,h)anthracene	16.77	278	232482	35.62	nq #	95
91) Benzo(g,h,i)perylene	17.19	276	241064	36.19	nq	97

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



#1

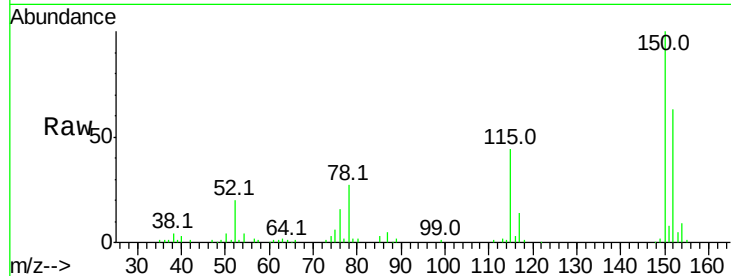
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

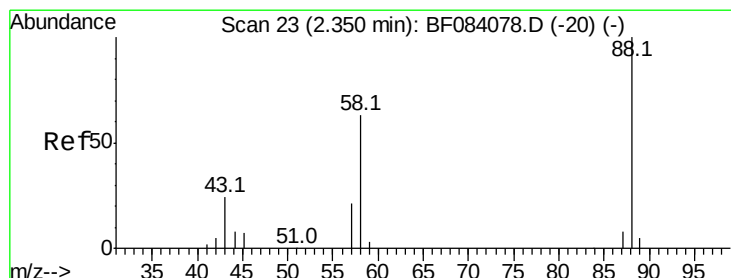
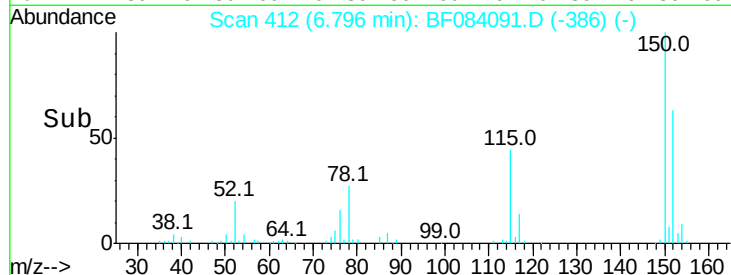
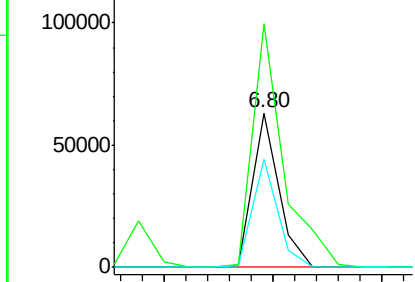
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.4
115	69.8	51.4	77.2

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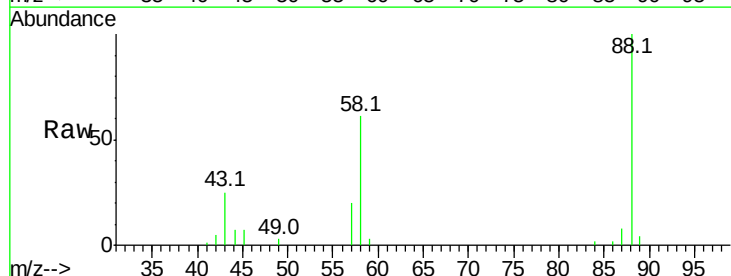
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



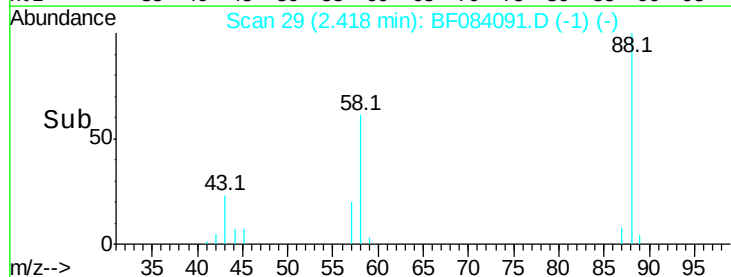
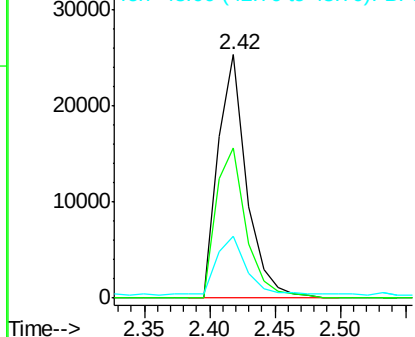
#2

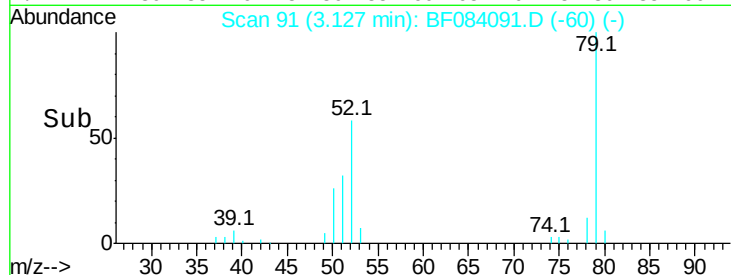
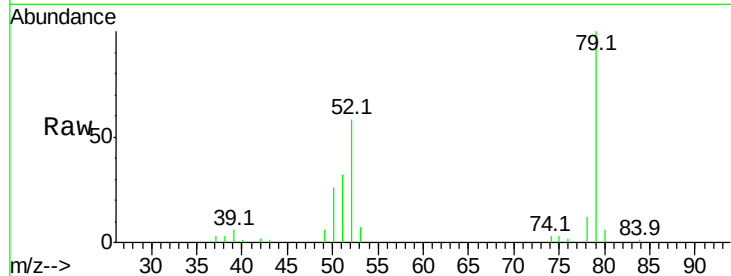
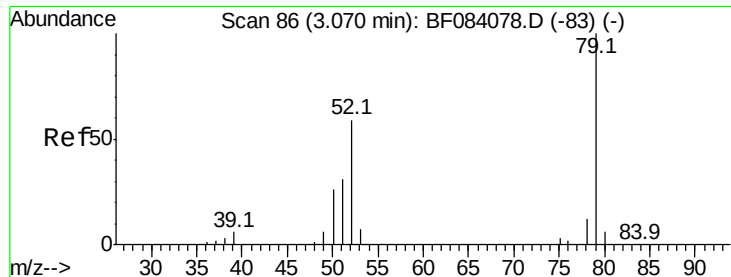
1,4-Dioxane
Concen: 30.54 ng
RT: 2.42 min Scan# 29
Delta R.T. 0.07 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.9	51.2	76.8
43	24.3	19.5	29.3



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





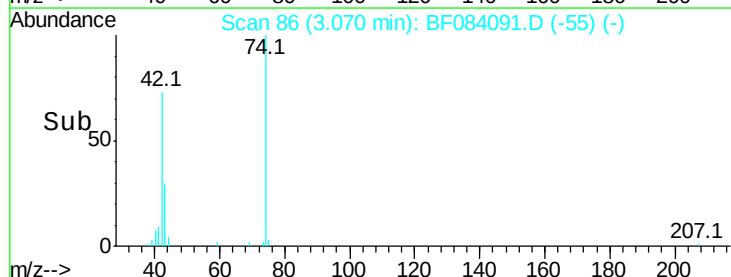
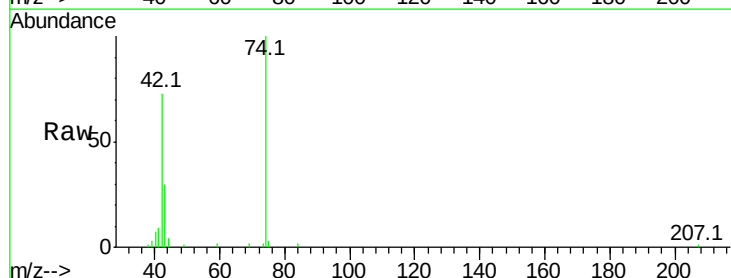
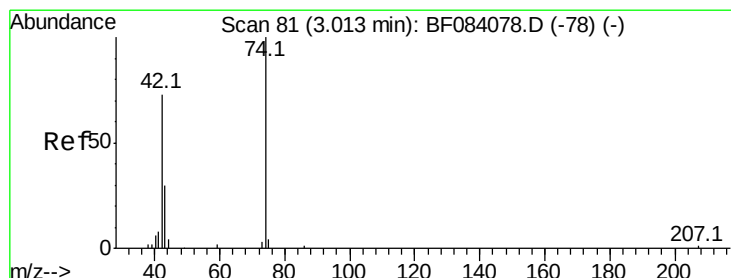
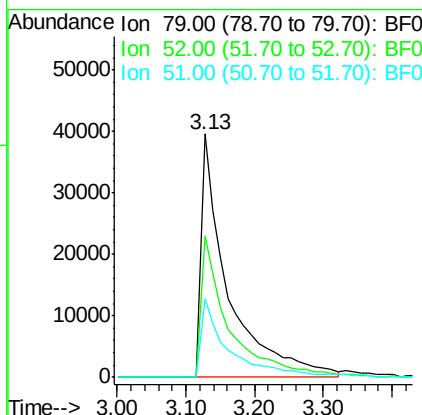
#3
 Pvridine
 Concen: 34.24 ng
 RT: 3.13 min Scan# 91
 Delta R.T. 0.06 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	58.0	49.0	73.4		
51	32.0	25.2	37.8		

Instrument :
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 ClientSampled :
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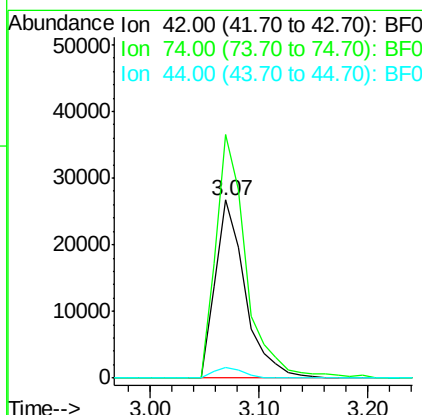
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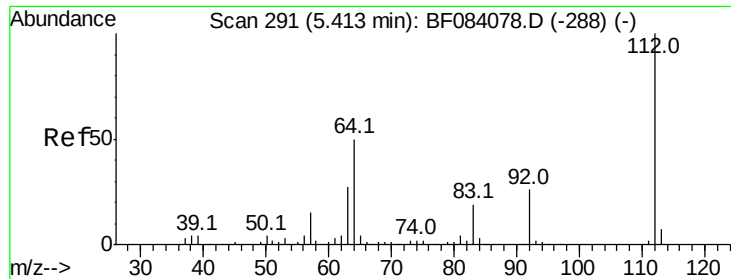
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#4
 n-Nitrosodimethylamine
 Concen: 37.46 ng
 RT: 3.07 min Scan# 86
 Delta R.T. 0.06 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	136.8	115.7	173.5		
44	5.7	5.1	7.7		





#5

2-Fluorophenol

Concen: 118.57 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084091.D

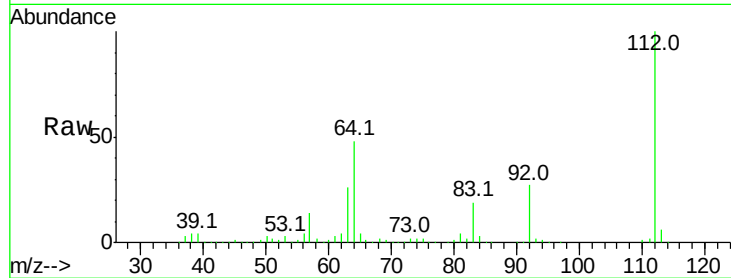
Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

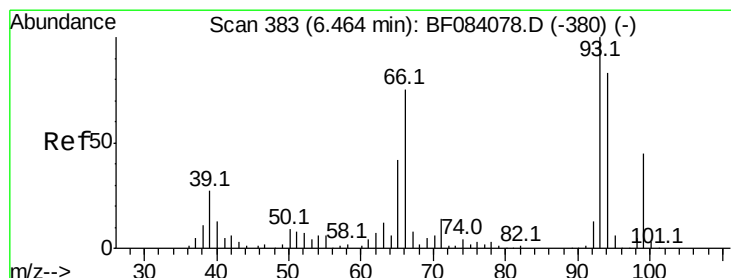
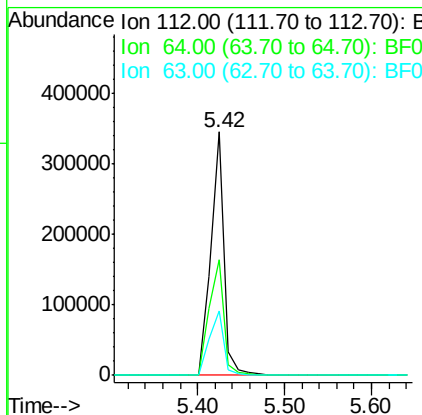
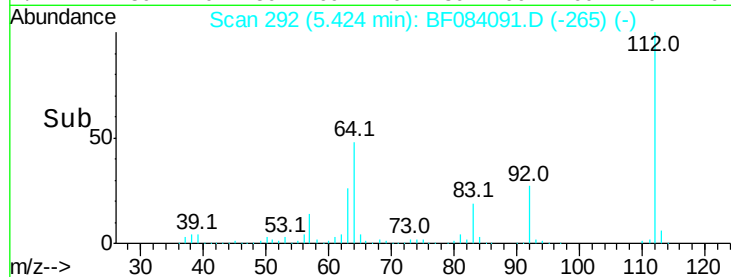
PB87543BS



Tot Ion:	112	Resp:	368188
Ion Ratio	Lower	Upper	
112	100		
64	47.7	36.6	55.0
63	26.3	19.4	29.0

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#6

Aniline

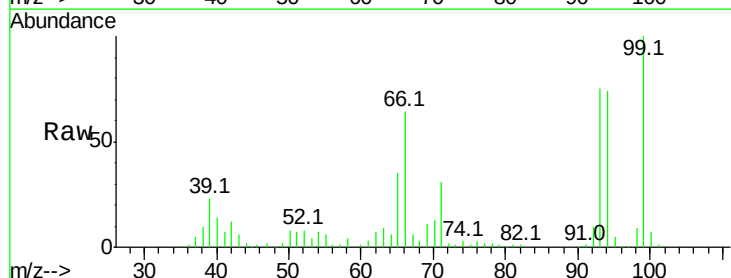
Concen: 30.33 ng

RT: 6.46 min Scan# 383

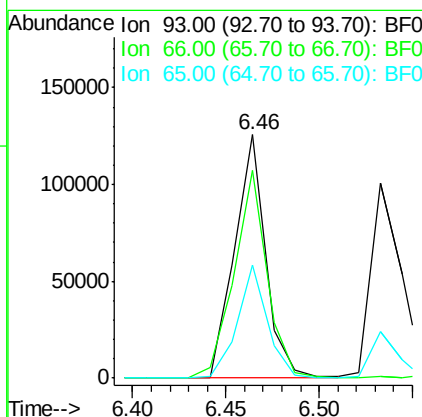
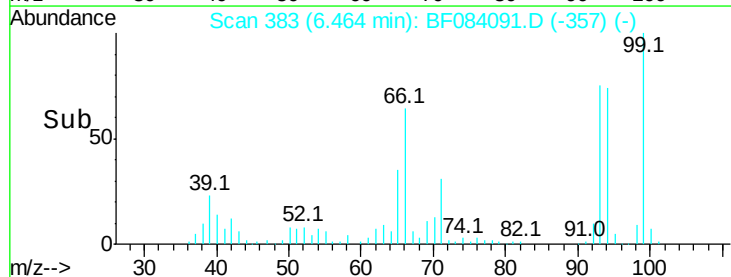
Delta R.T. 0.00 min

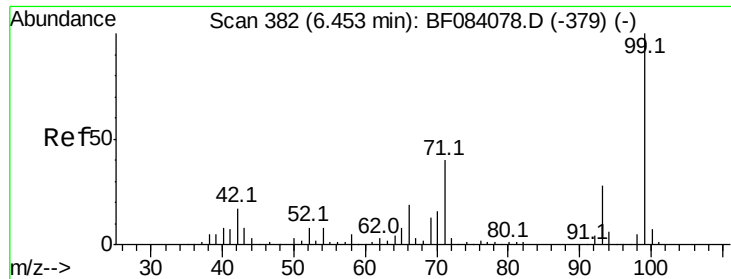
Lab File: BF084091.D

Acq: 24 Dec 2015 20:57



Tgt Ion:	93	Resp:	147336
Ion Ratio	Lower	Upper	
93	100		
66	85.4	44.9	67.3#
65	46.4	23.7	35.5#





#7

Phenol-d6

Concen: 107.12 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

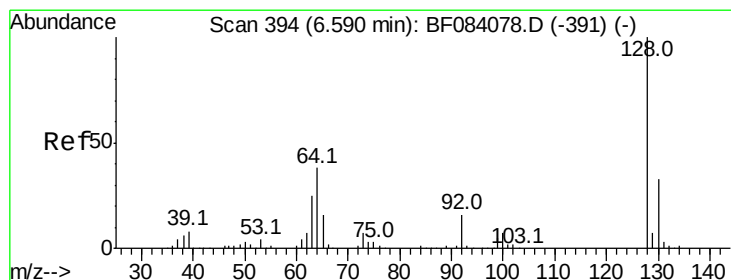
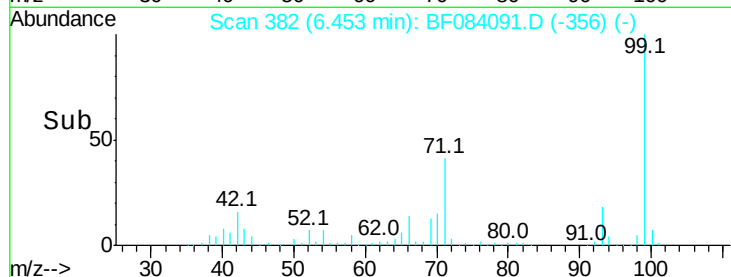
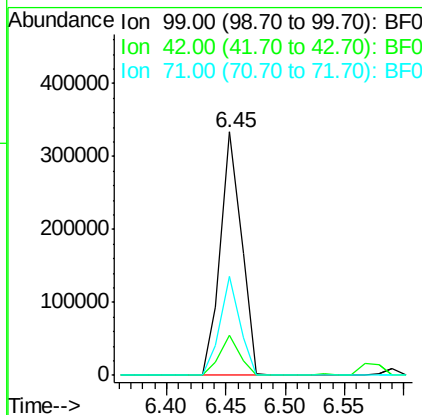
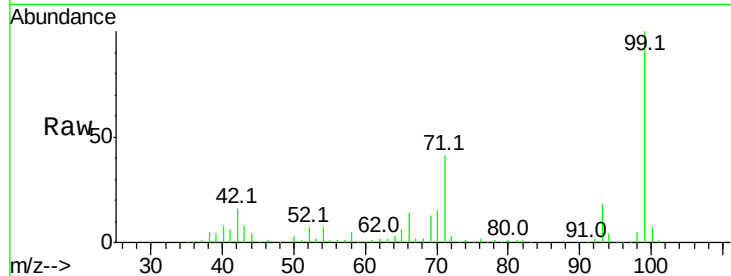
ClientSampleId :

PB87543BS

Tot Ion:	99	Resp:	411625
Ion Ratio	Lower	Upper	
99	100		
42	16.5	12.8	19.2
71	40.5	30.9	46.3

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#8

2-Chlorophenol

Concen: 37.43 ng

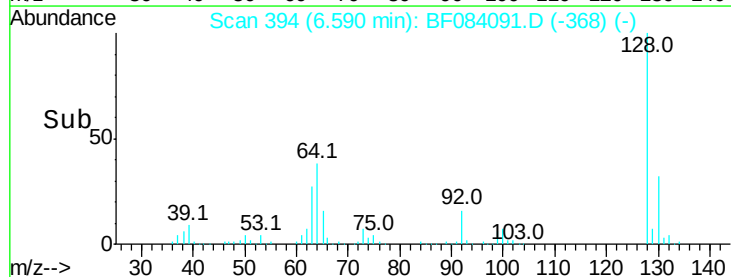
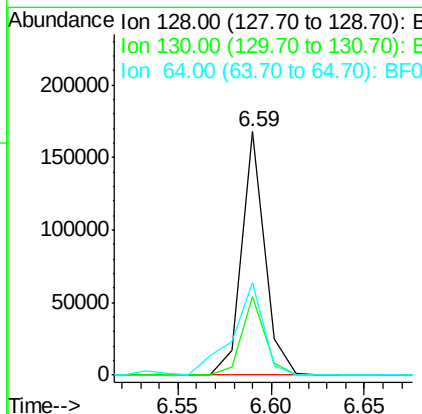
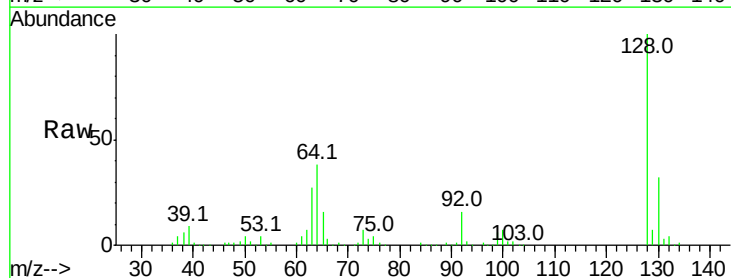
RT: 6.59 min Scan# 394

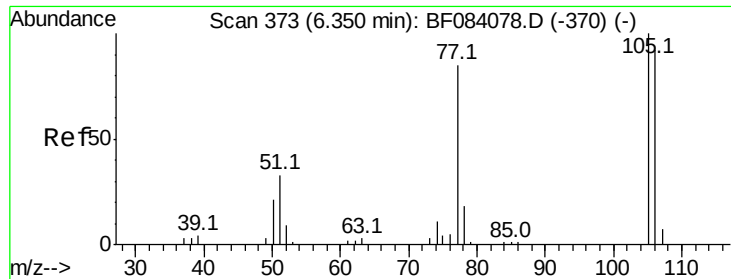
Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Tgt Ion:	128	Resp:	144353
Ion Ratio	Lower	Upper	
128	100		
130	32.3	11.6	51.6
64	38.1	23.8	63.8





#9

Benzaldehyde

Concen: 19.01 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

Tot Ion: 77 Resp: 39069

Ion Ratio Lower Upper

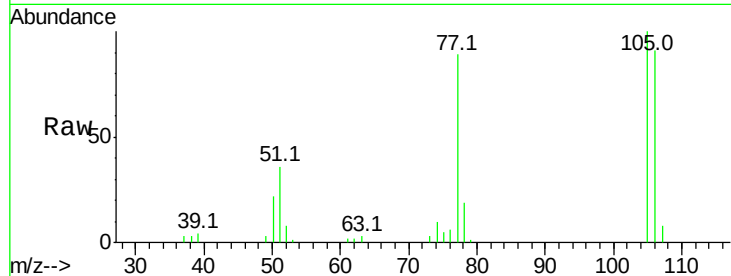
77 100

105 111.8 83.0 123.0

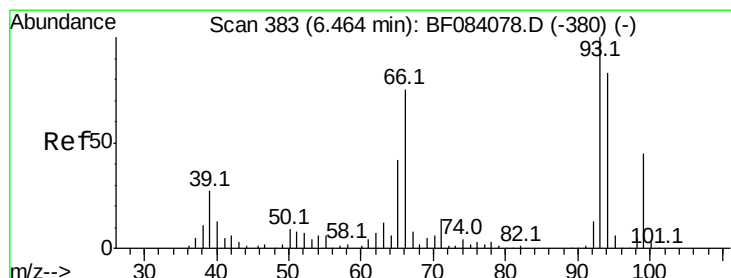
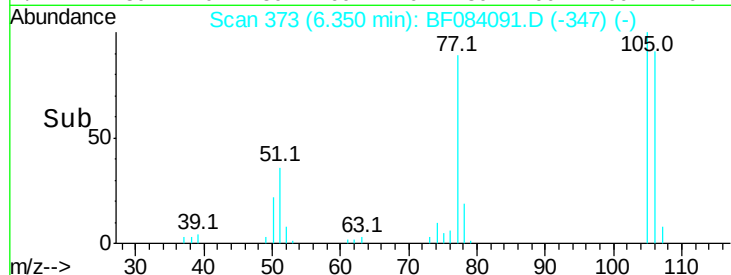
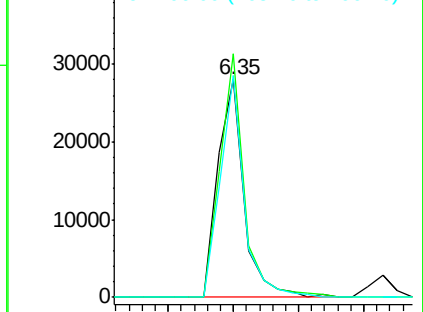
106 102.0 74.6 114.6

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.98 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

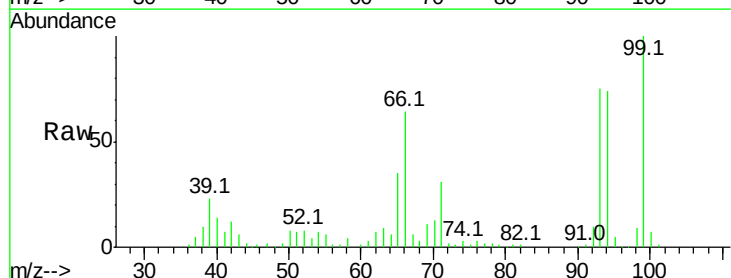
Tgt Ion: 94 Resp: 140560

Ion Ratio Lower Upper

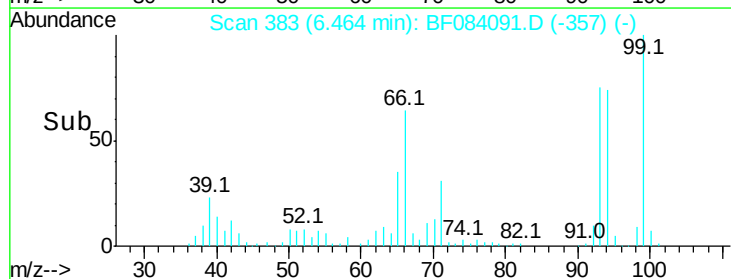
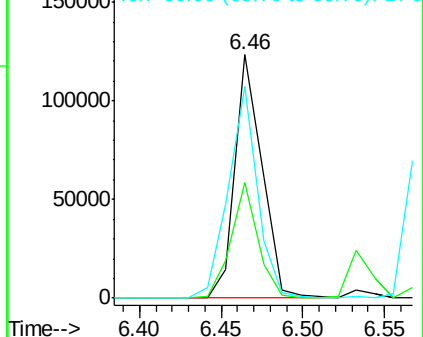
94 100

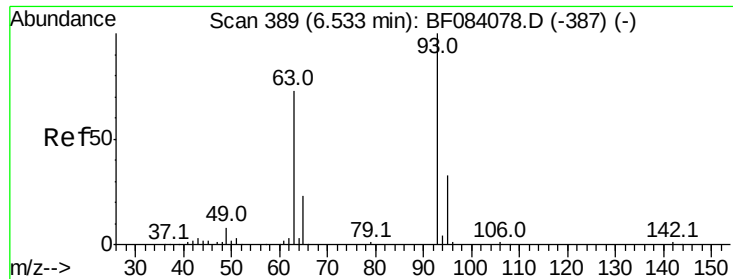
65 47.3 12.9 52.9

66 87.0 32.7 72.7#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.47 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

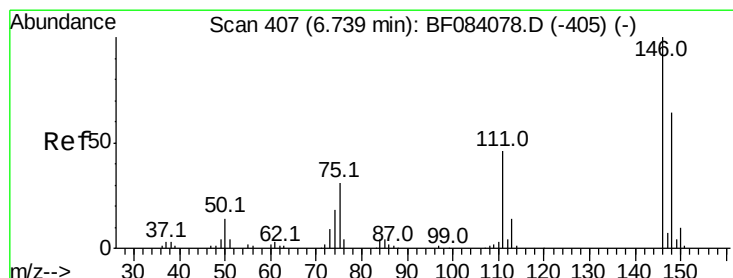
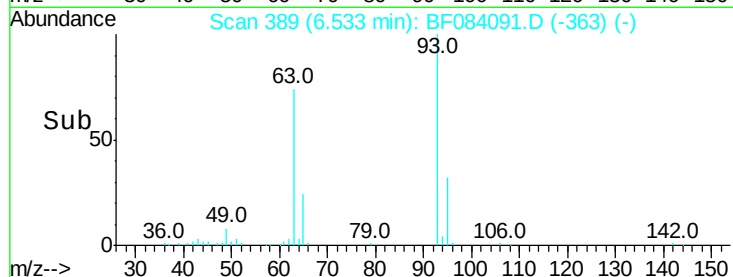
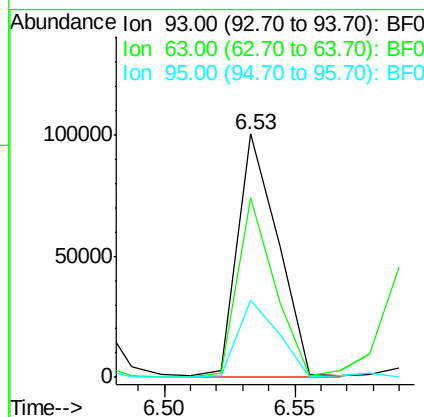
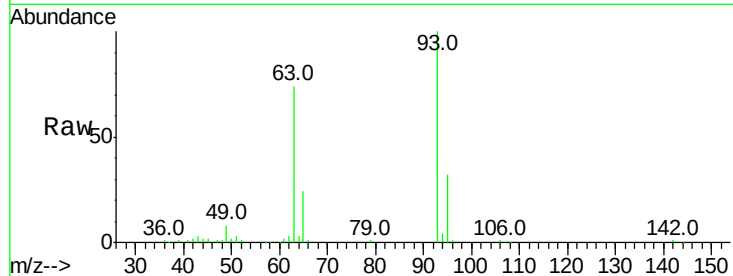
ClientSampleId :

PB87543BS

Tot Ion	93	Resp	109234
Ion Ratio	Lower	Upper	
93	100		
63	73.8	45.9	85.9
95	31.8	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 35.03 ng

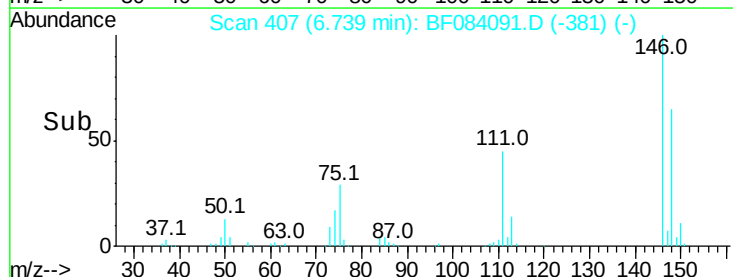
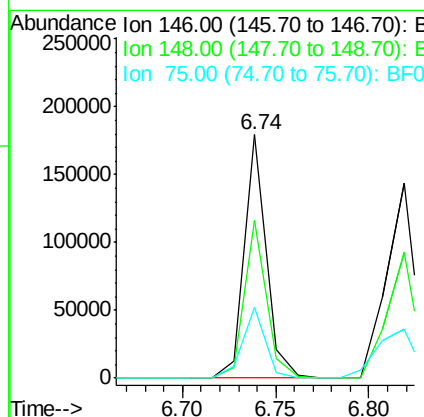
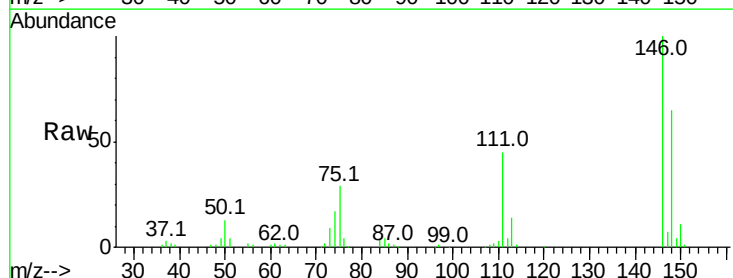
RT: 6.74 min Scan# 407

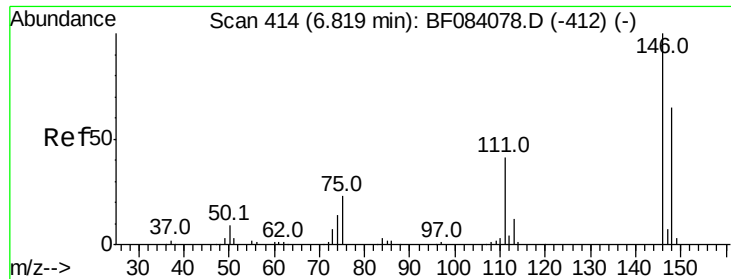
Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Tgt Ion	146	Resp	147472
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.9	77.9
75	29.3	20.5	30.7





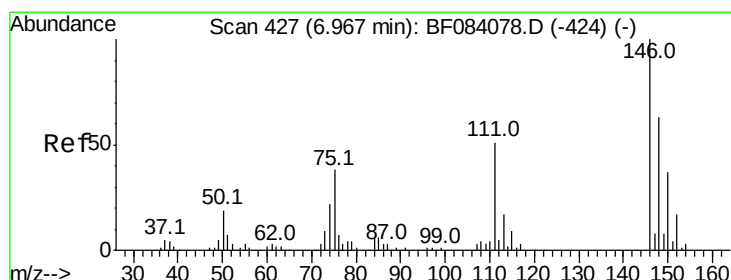
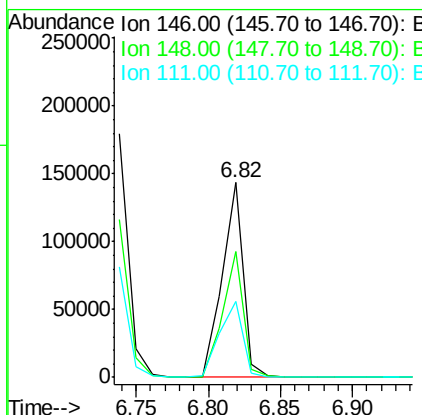
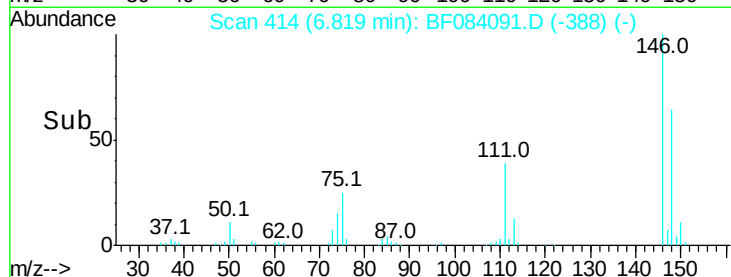
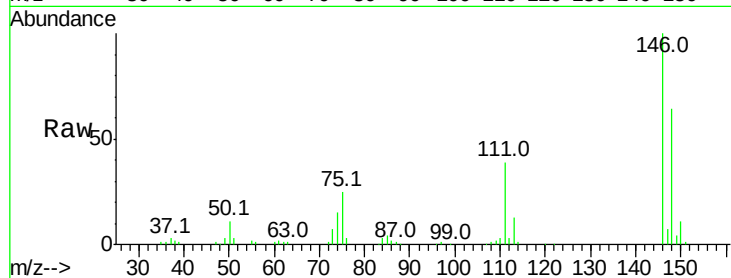
#13
 1,4-Dichlorobenzene
 Concen: 34.69 ng/mL
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleID :
 PB87543BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	39.0	41.6	62.4

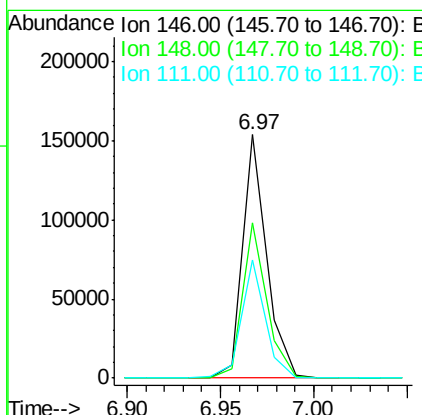
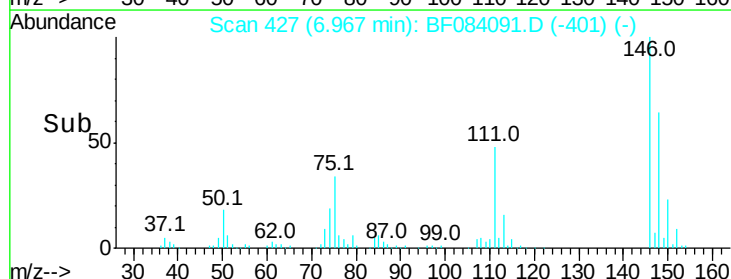
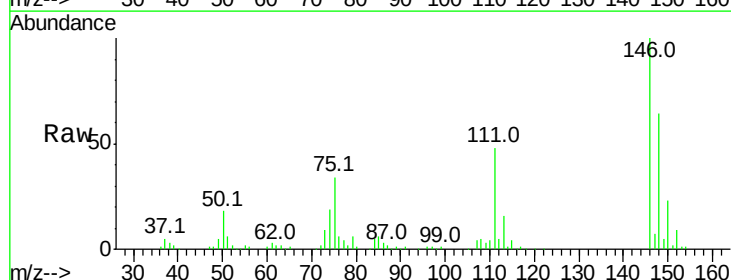
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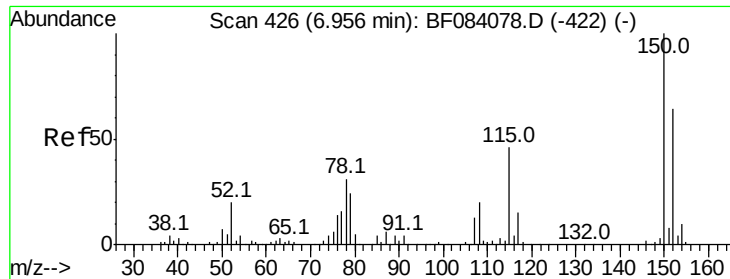
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#14
 1,2-Dichlorobenzene
 Concen: 35.10 ng/mL
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	48.4	38.0	57.0





#15

Benzyl Alcohol

Concen: 39.01 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

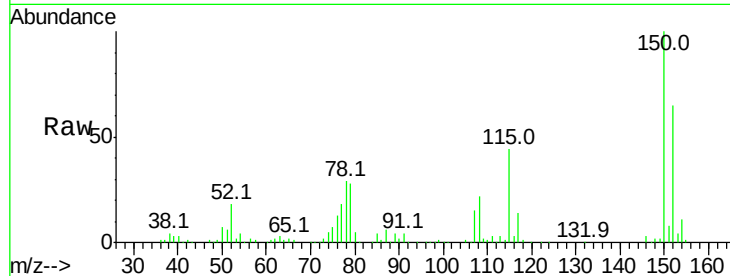
ClientSampled :

PB87543BS

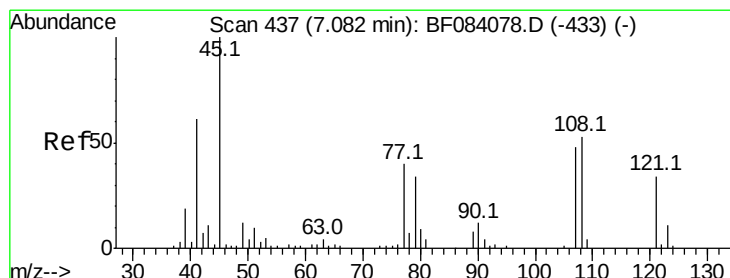
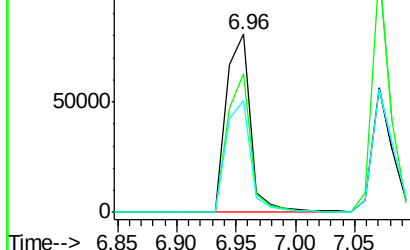
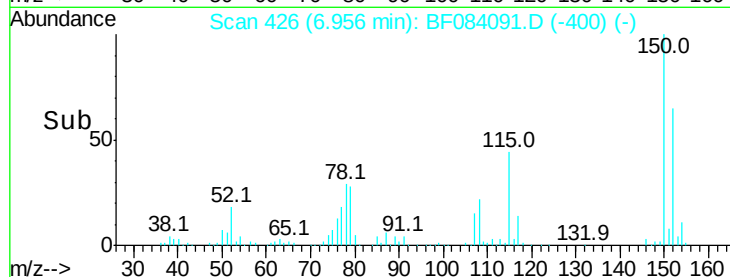
Tot Ion:	79	Resp:	113529
Ion Ratio	Lower	Upper	
79	100		
108	78.0	69.0	103.4
77	63.2	50.0	75.0

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.87 ng

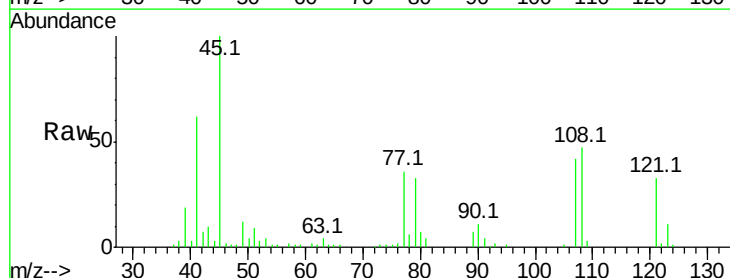
RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

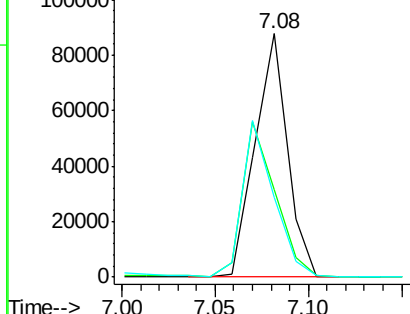
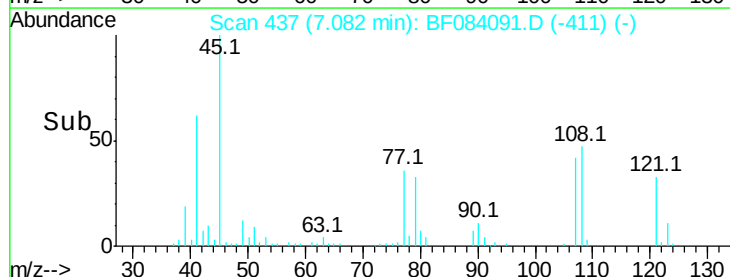
Lab File: BF084091.D

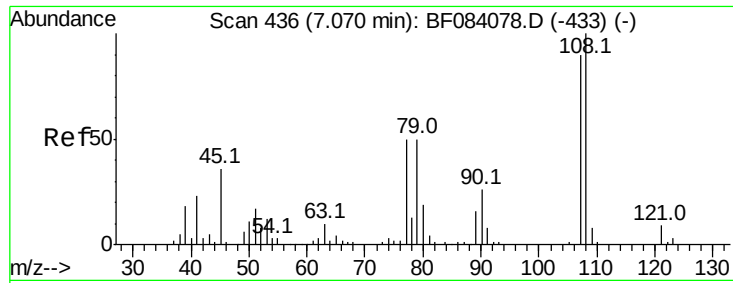
Acq: 24 Dec 2015 20:57

Tgt Ion:	45	Resp:	104846
Ion Ratio	Lower	Upper	
45	100		
77	35.7	0.0	39.6
79	32.7	0.0	35.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





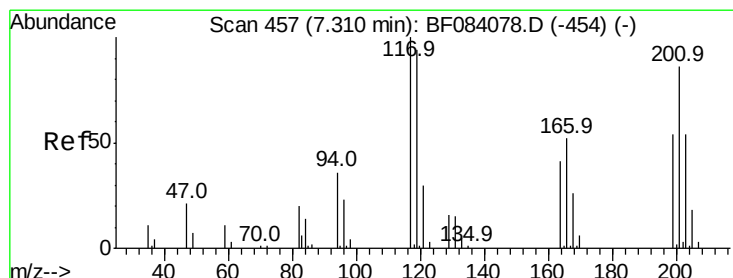
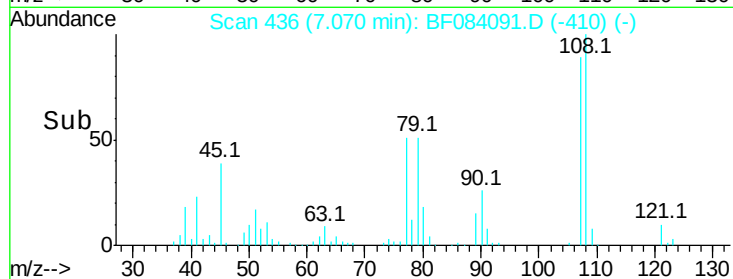
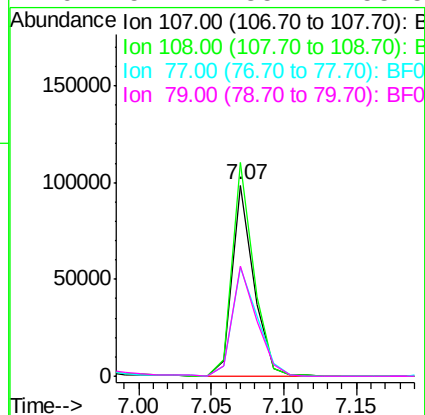
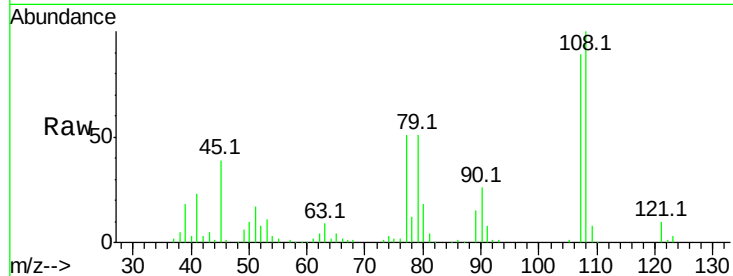
#17
2-Methylphenol
Concen: 34.33 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	101669		
108	111.9	89.8	134.6	
77	56.8	35.7	53.5#	
79	57.4	35.7	53.5#	

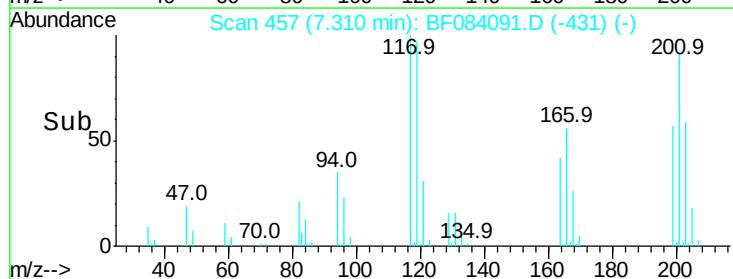
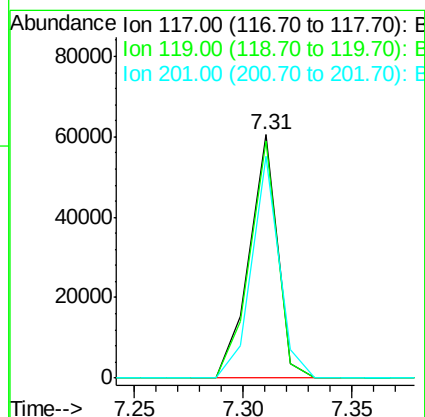
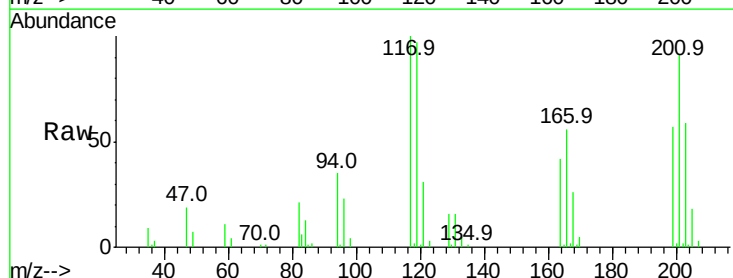
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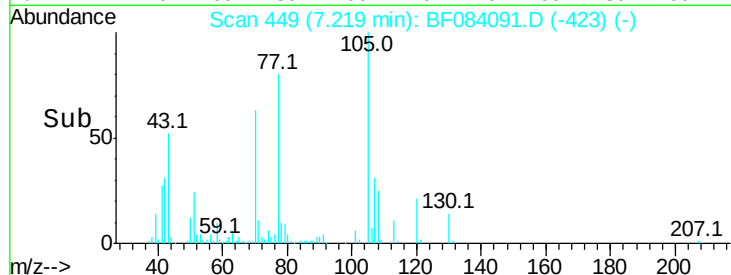
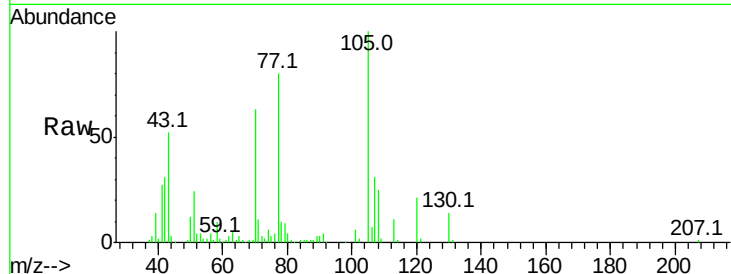
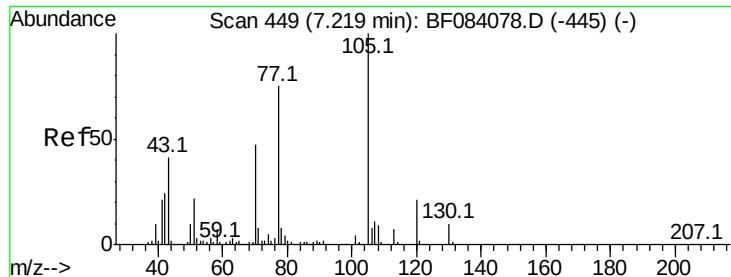
Sohil
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#18
Hexachloroethane
Concen: 35.22 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	54454		
119	97.3	77.4	116.0	
201	91.3	68.6	103.0	





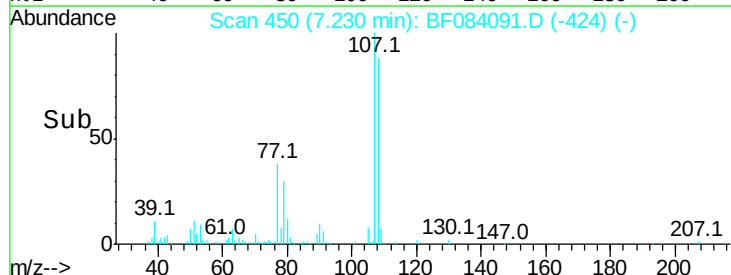
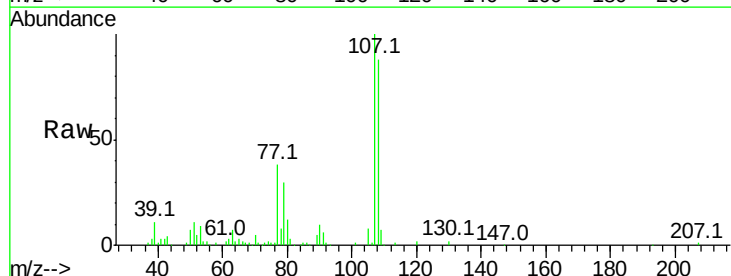
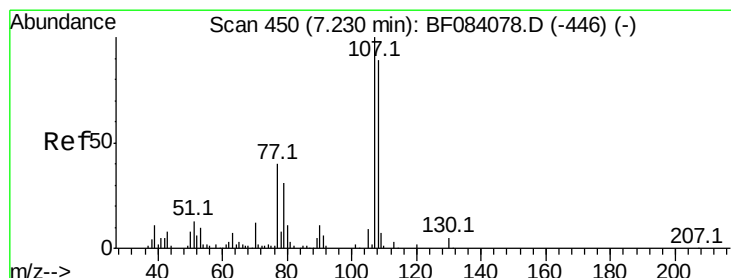
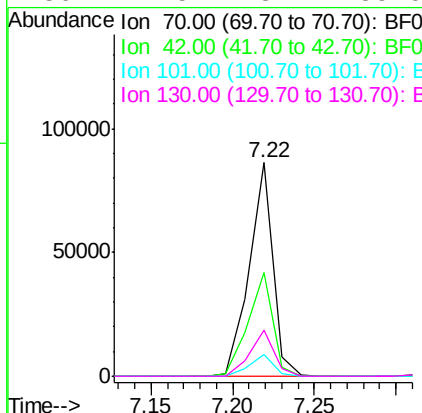
#19
n-Nitroso-di-n-propylamine
Concen: 36.71 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Manual Integrations
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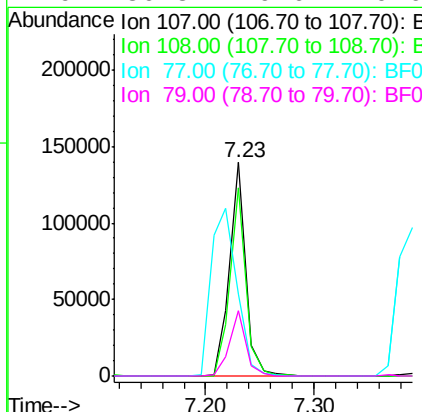
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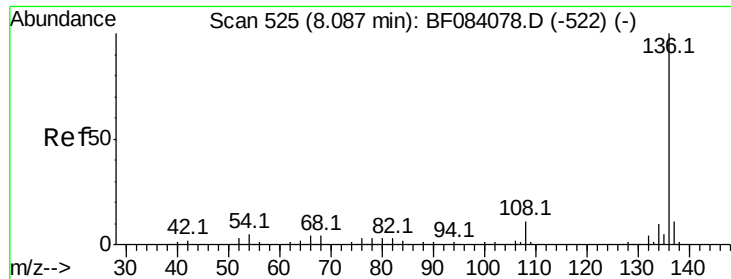
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.6	33.3	49.9
101	10.2	9.3	13.9
130	21.5	23.4	35.0#



#20
3+4-Methylphenols
Concen: 37.88 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	64.1	104.1
77	38.3	128.9	168.9#
79	30.3	9.6	49.6





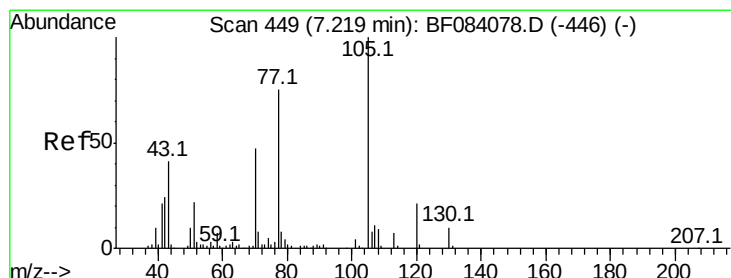
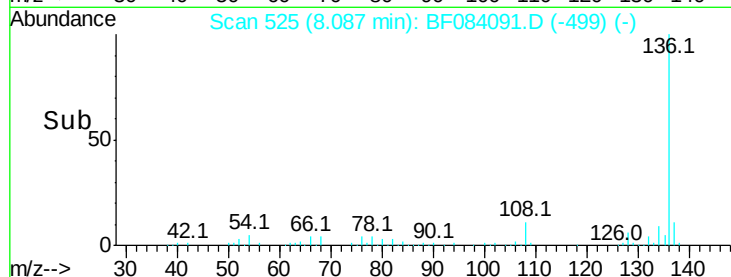
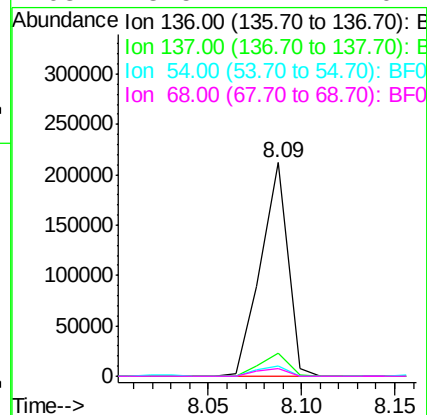
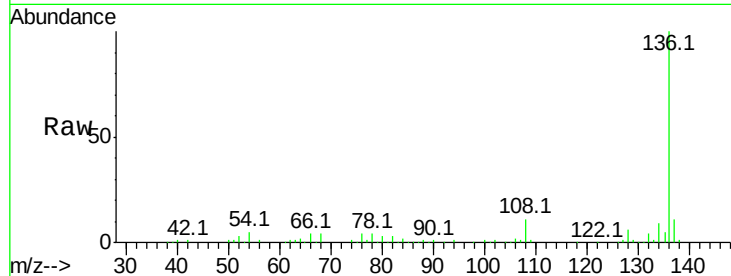
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	213388		
137	10.7	8.7	13.1	
54	4.7	5.8	8.8#	
68	3.5	4.2	6.2#	

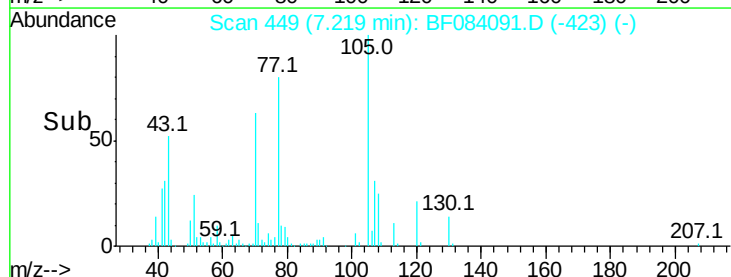
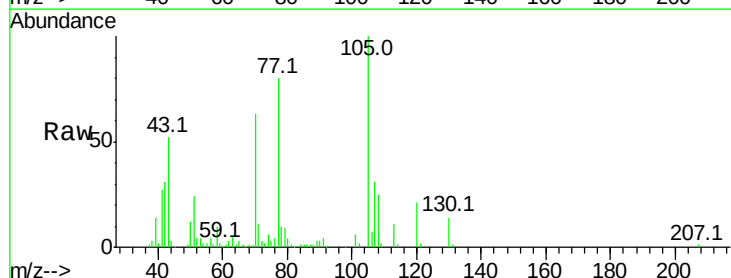
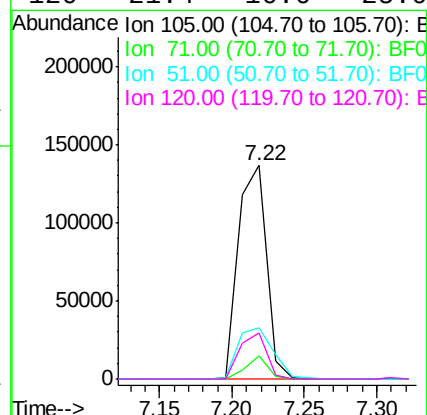
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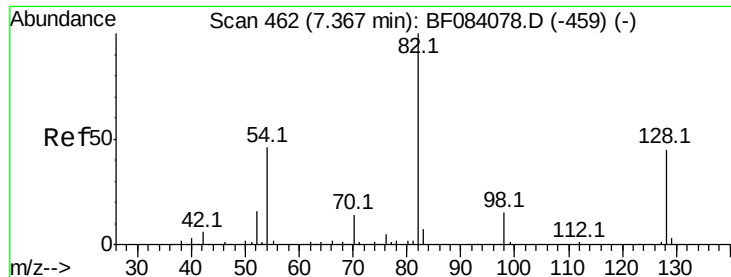
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#22
Acetophenone
Concen: 34.46 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	183748		
71	10.6	3.7	5.5#	
51	24.1	25.1	37.7#	
120	21.4	16.6	25.0	





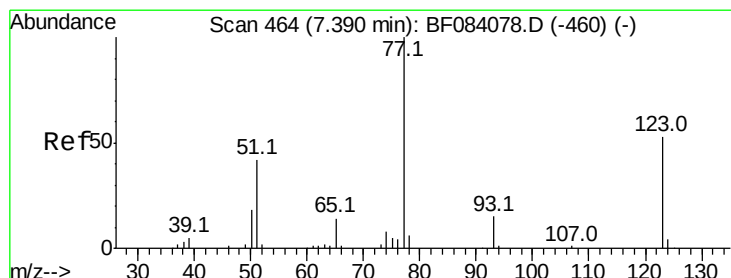
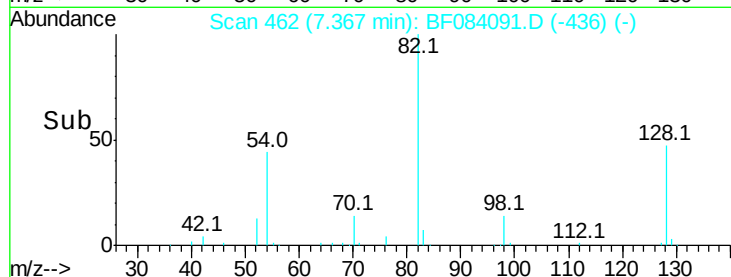
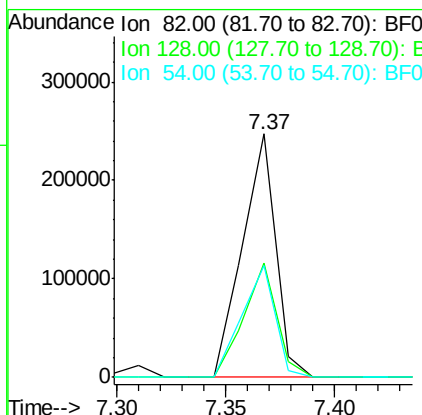
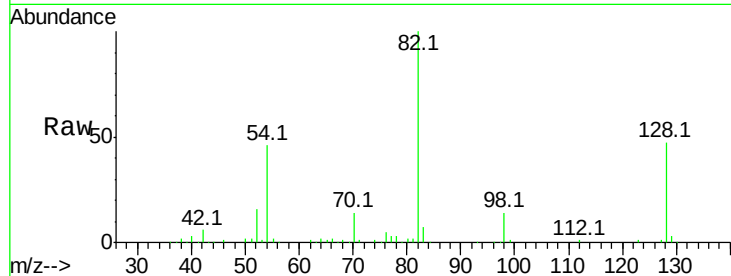
#23
 Nitrobenzene-d5
 Concen: 71.81 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.6	51.8
54	45.7	38.4	57.6

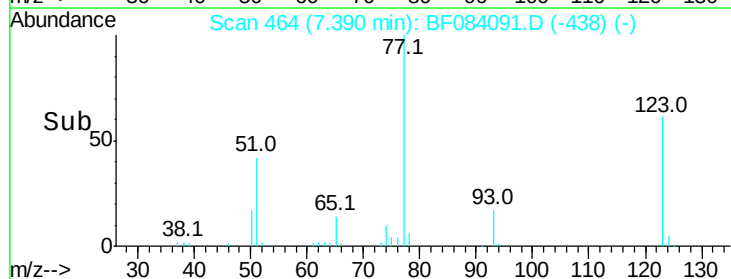
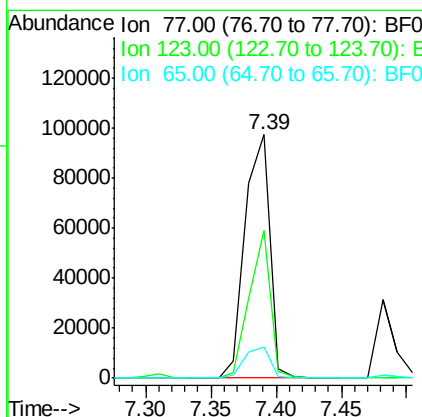
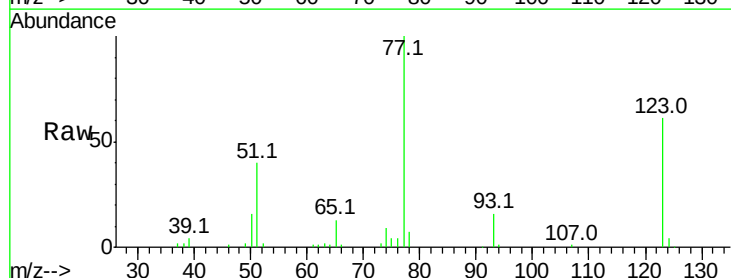
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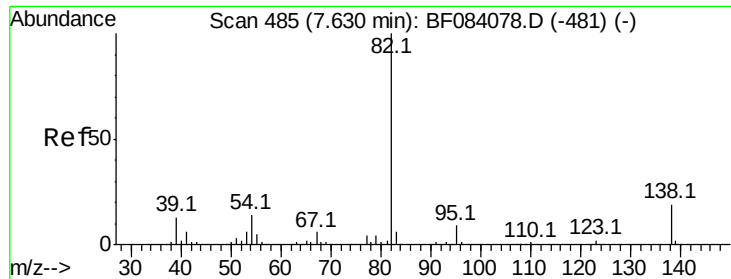
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#24
 Nitrobenzene
 Concen: 33.25 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	60.6	37.4	56.2#
65	13.0	10.9	16.3





#25

Isophorone

Concen: 35.10 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

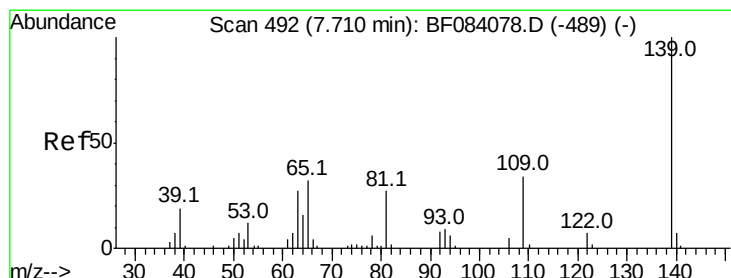
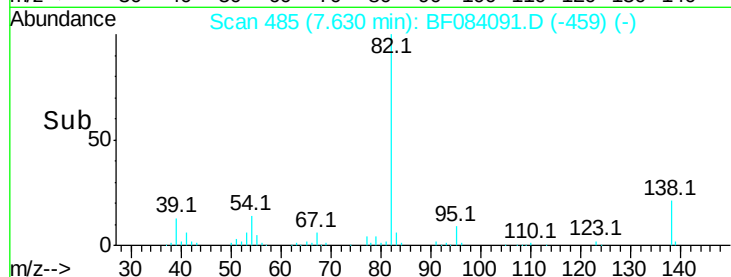
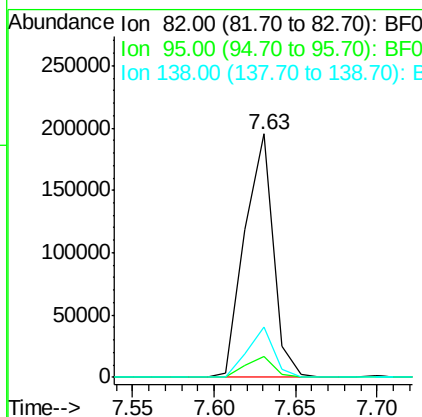
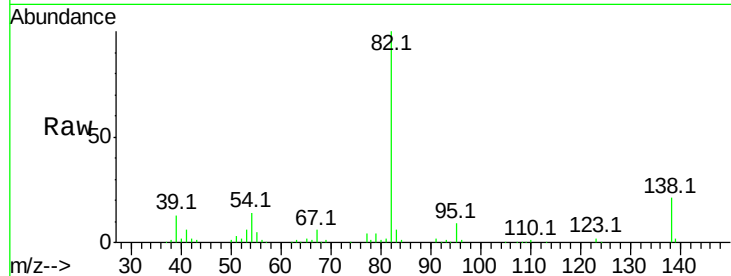
ClientSampleId :

PB87543BS

Tot Ion:	82	Resp:	236699
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.6	10.0
138	20.9	13.6	20.4#

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.19 ng

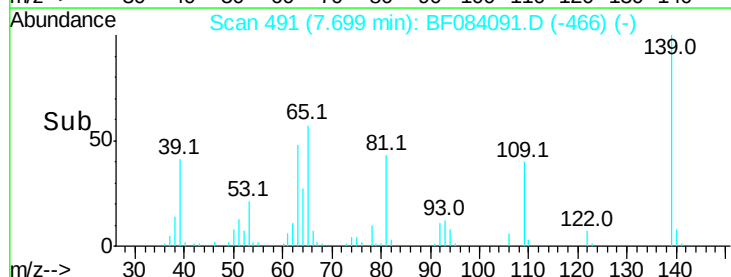
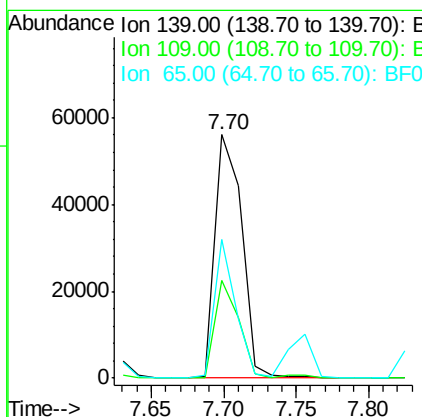
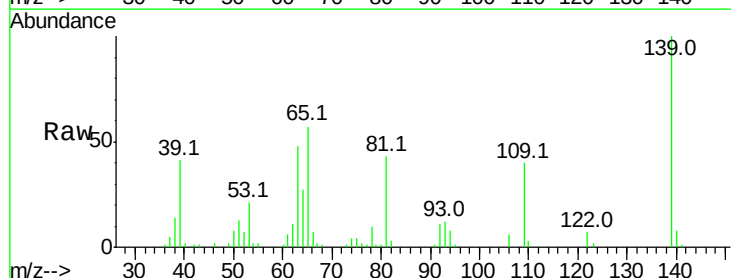
RT: 7.70 min Scan# 491

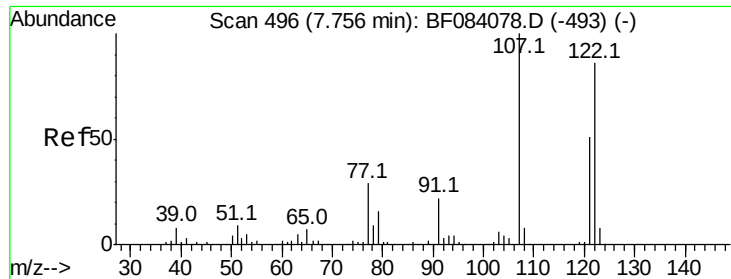
Delta R.T. -0.01 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Tgt Ion:	139	Resp:	71683
Ion Ratio	Lower	Upper	
139	100		
109	40.1	25.4	38.2#
65	56.7	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 38.70 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

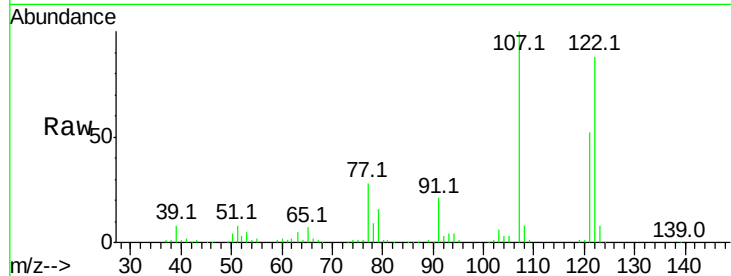
ClientSampleId :

PB87543BS

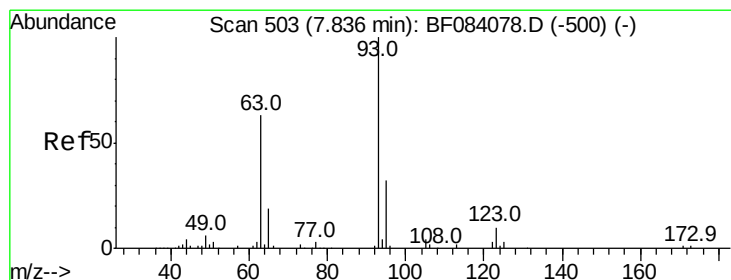
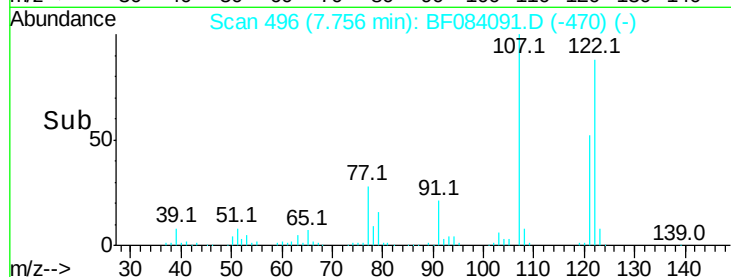
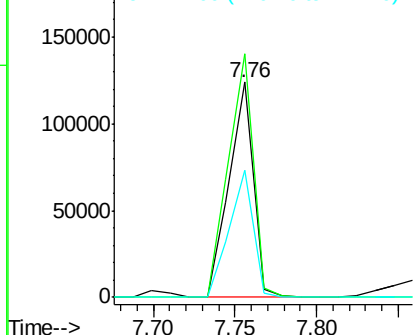
Tot Ion:	122	Resp:	127222
Ion Ratio	Lower	Upper	
122	100		
107	113.2	99.1	148.7
121	59.3	47.9	71.9

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



#28

bis(2-Chloroethoxy)methane

Concen: 35.03 ng

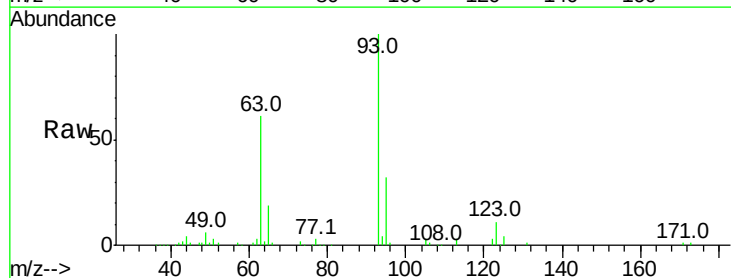
RT: 7.84 min Scan# 503

Delta R.T. 0.00 min

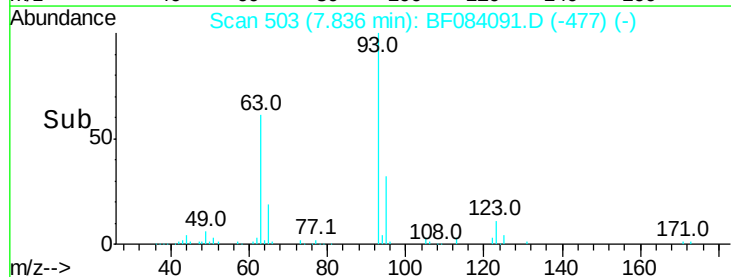
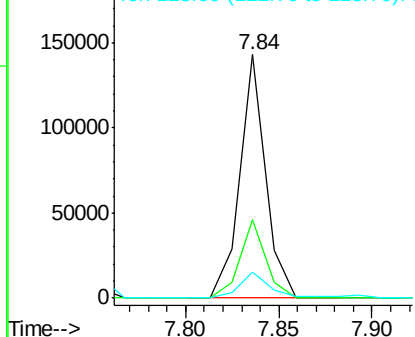
Lab File: BF084091.D

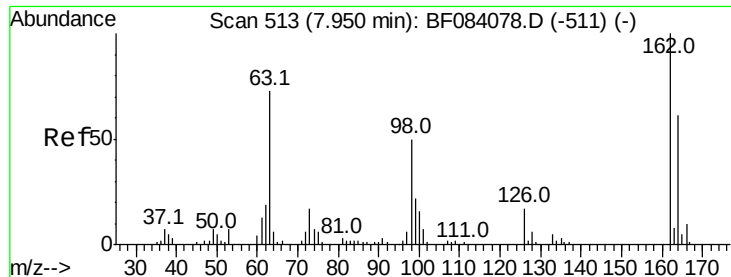
Acq: 24 Dec 2015 20:57

Tgt Ion:	93	Resp:	137710
Ion Ratio	Lower	Upper	
93	100		
95	32.2	25.8	38.6
123	10.8	8.6	12.8



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





#29

2,4-Dichlorophenol

Concen: 36.19 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

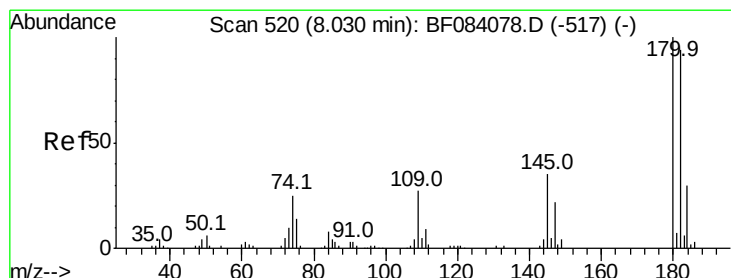
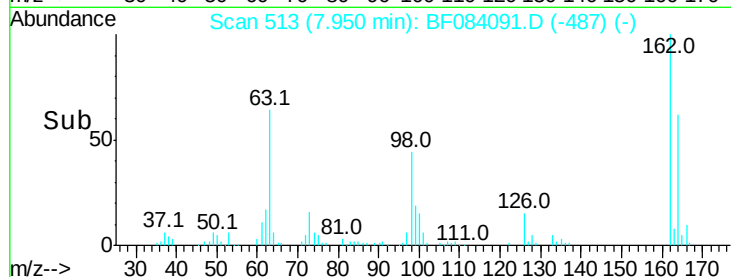
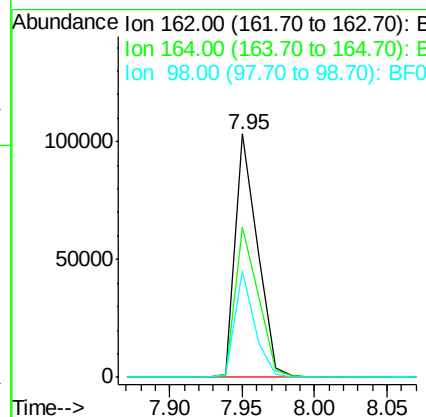
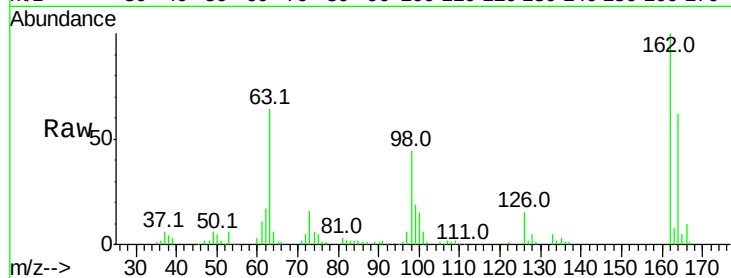
ClientSampleId :

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Tot Ion:	162	Resp:	110506
Ion Ratio	Lower	Upper	
162	100		
164	61.7	44.1	84.1
98	43.8	20.2	60.2

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#30

1,2,4-Trichlorobenzene

Concen: 34.63 ng

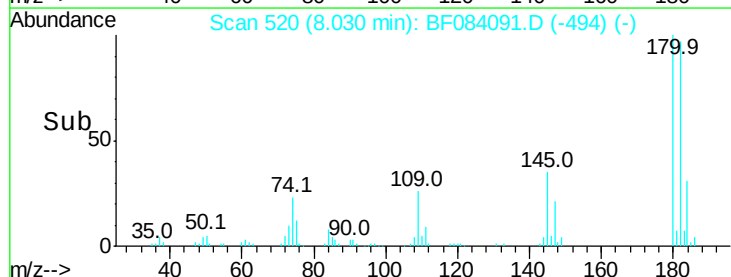
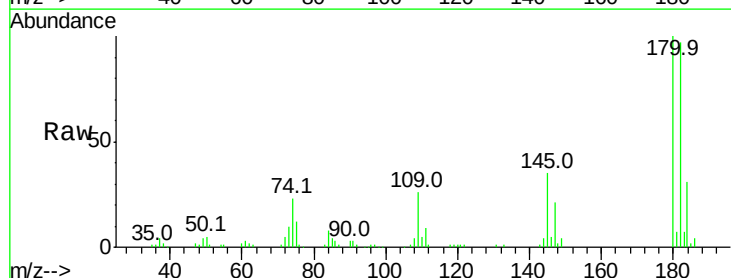
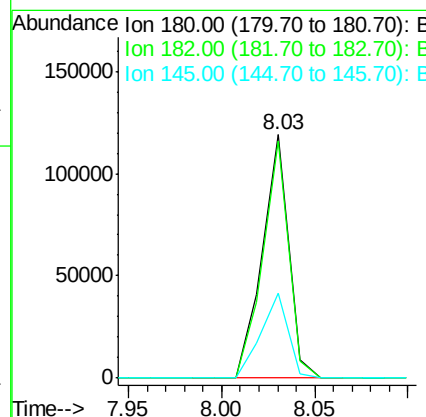
RT: 8.03 min Scan# 520

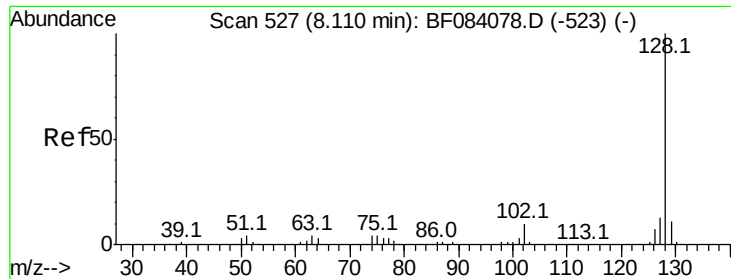
Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Tgt Ion:	180	Resp:	115881
Ion Ratio	Lower	Upper	
180	100		
182	97.4	76.4	114.6
145	34.8	31.6	47.4





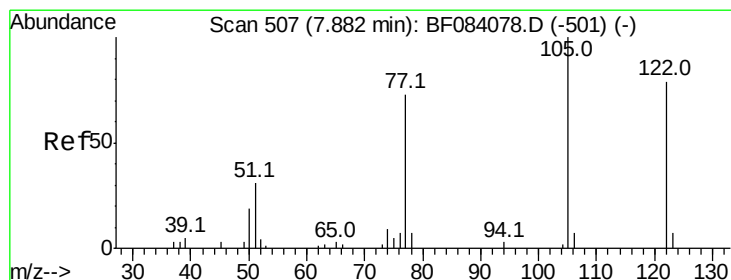
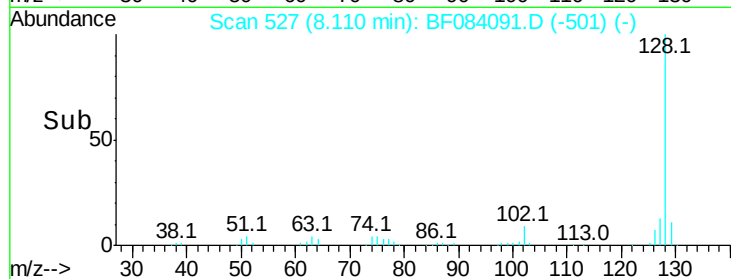
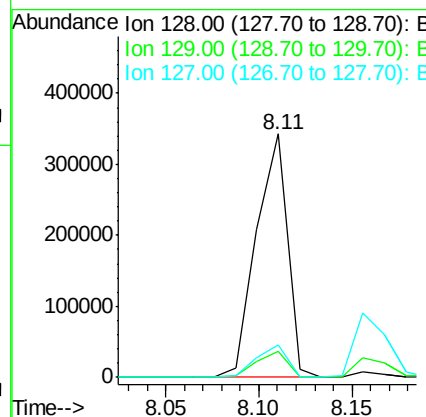
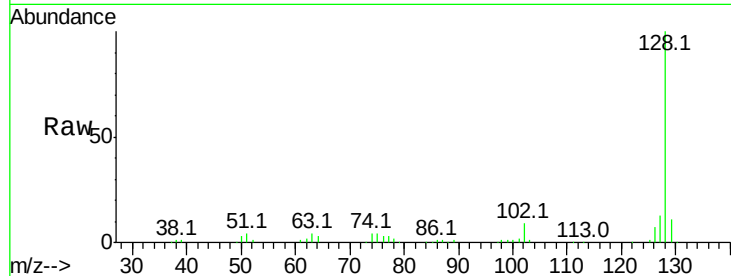
#31
Naphthalene
Concen: 34.84 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.6	9.1	13.7
127	13.4	11.1	16.7

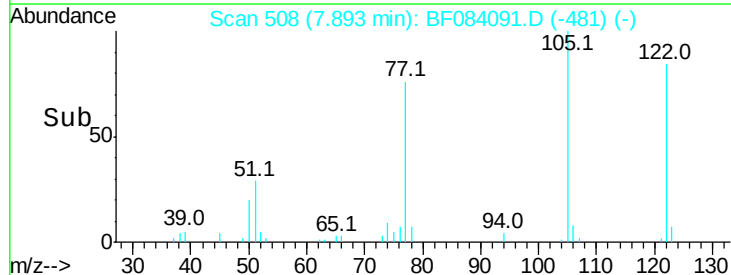
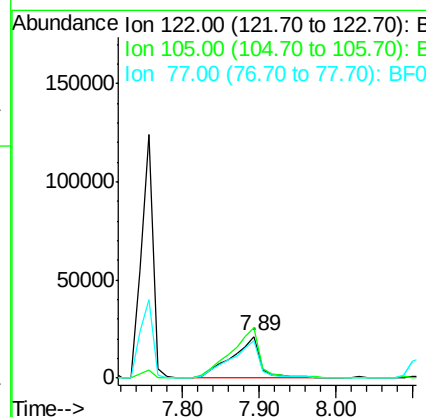
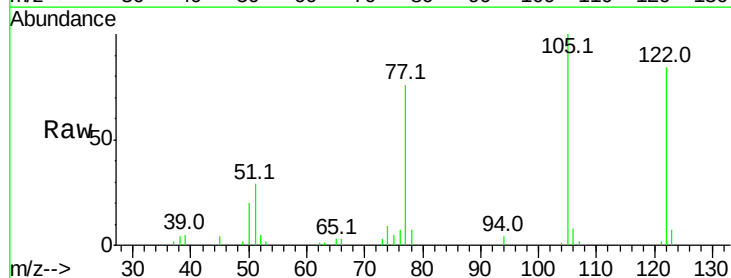
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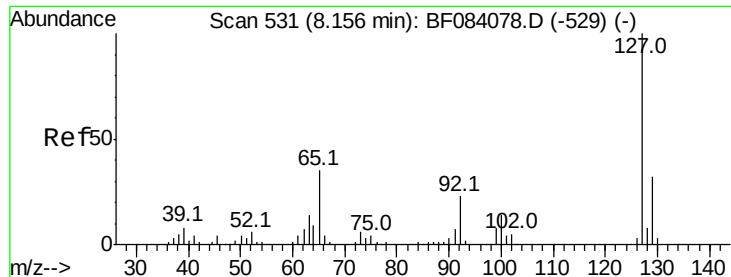
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#32
Benzoic acid
Concen: 36.22 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	118.7	100.3	140.3
77	90.7	63.5	103.5





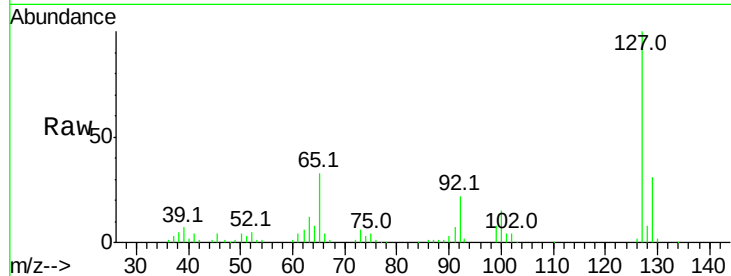
#33
4-Chloroaniline
Concen: 25.33 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

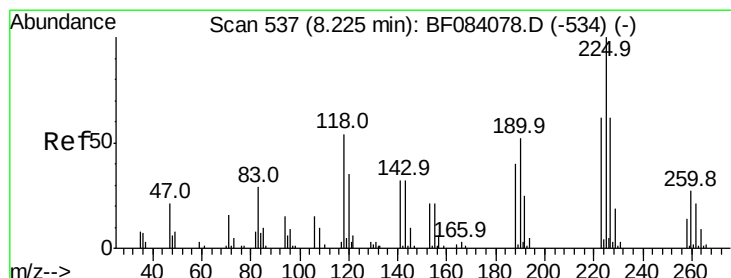
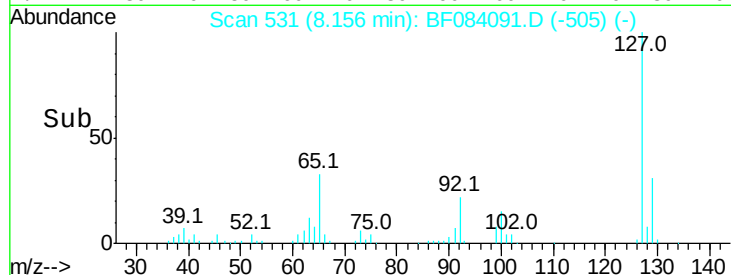
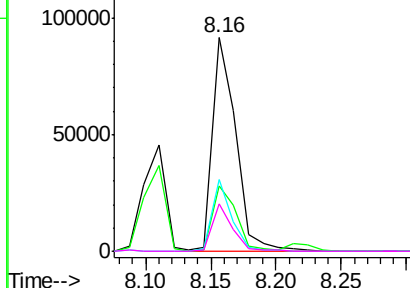
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.8	26.5	39.7		
65	33.5	27.2	40.8		
92	22.2	17.7	26.5		

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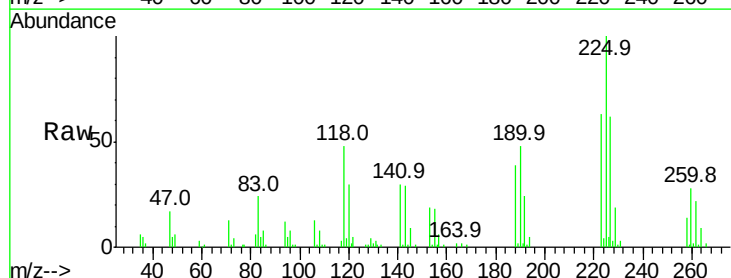


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

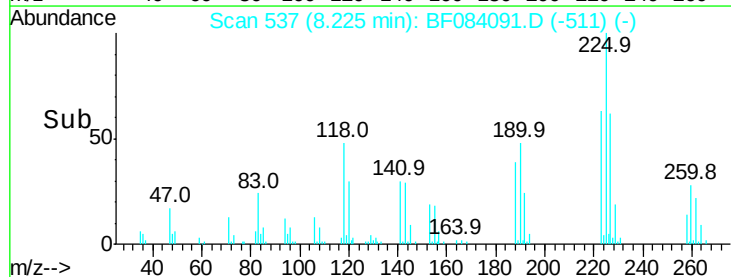
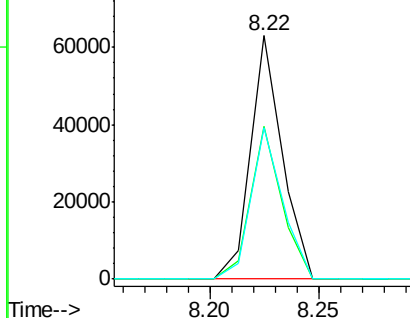


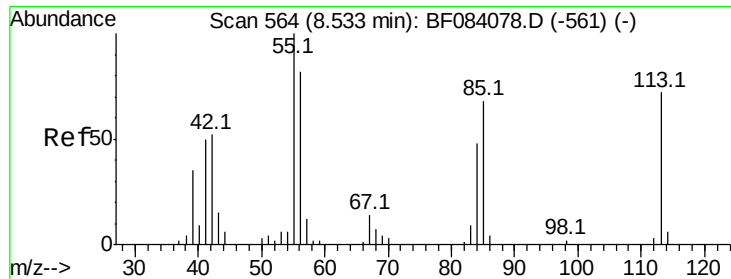
#34
Hexachlorobutadiene
Concen: 33.43 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	49.4	74.0		
227	62.1	50.8	76.2		



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





#35

Caprolactam

Concen: 41.87 ng/ml

RT: 8.53 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

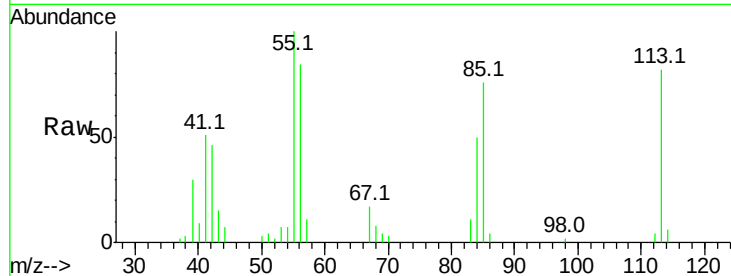
ClientSampleId :

PB87543BS

Tot Ion:	113	Resp:	35460
Ion Ratio	Lower	Upper	
113	100		
55	121.4	116.9	156.9
56	101.4	93.8	133.8

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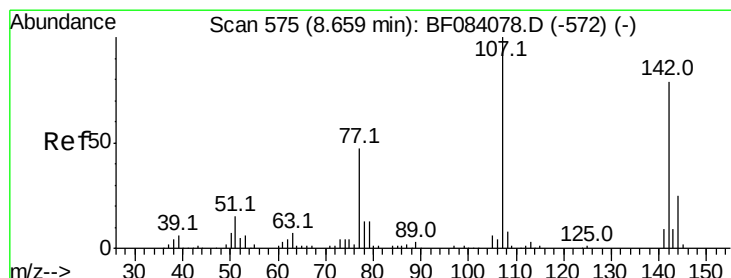
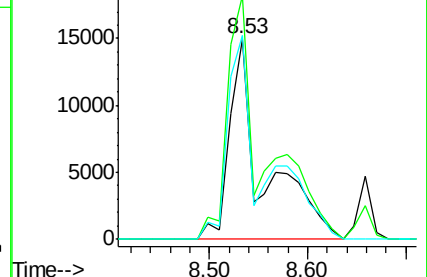
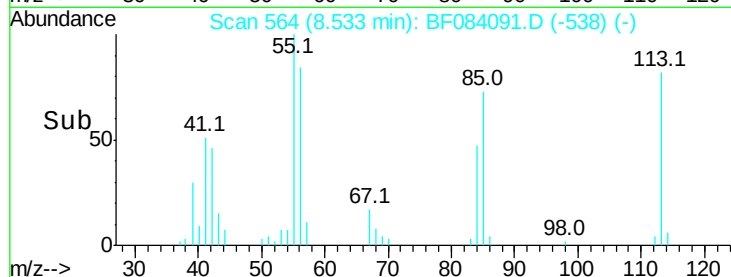
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.43 ng/ml

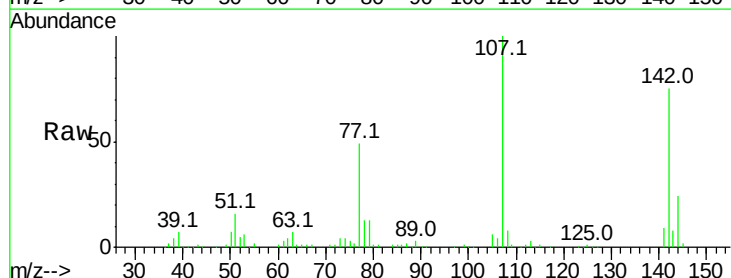
RT: 8.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

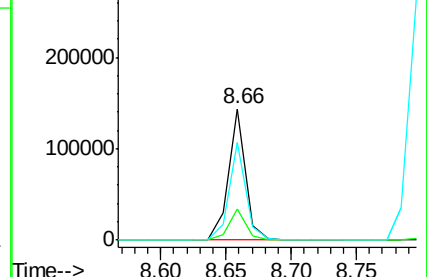
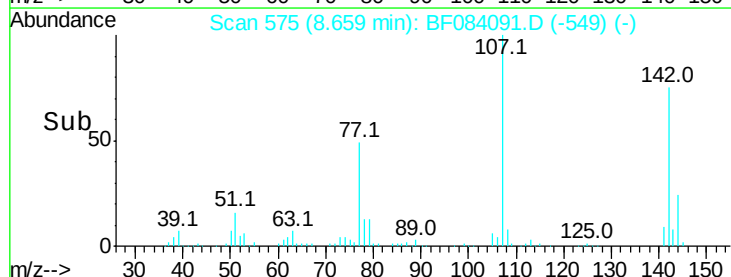
Tgt Ion:	107	Resp:	131940
Ion Ratio	Lower	Upper	
107	100		
144	23.9	19.7	29.5
142	75.0	61.8	92.6

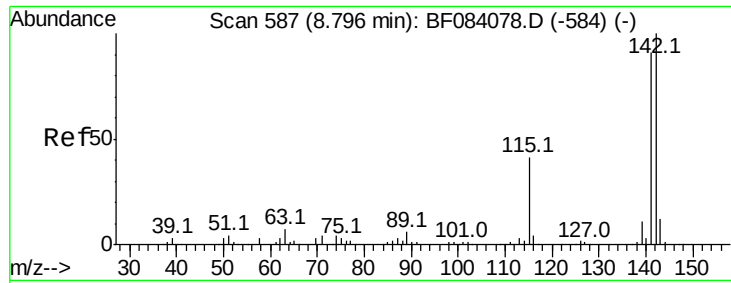


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





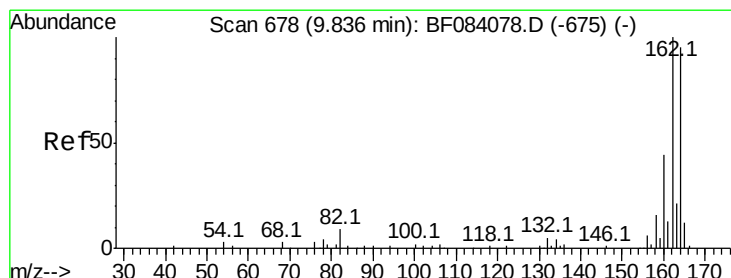
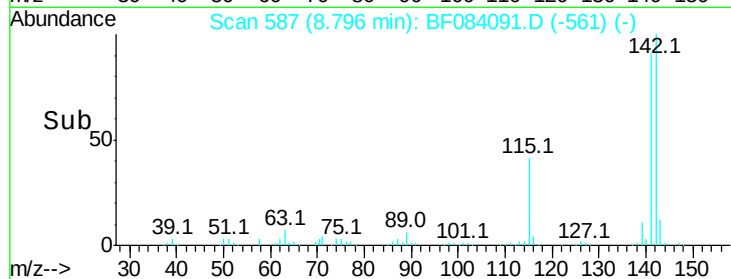
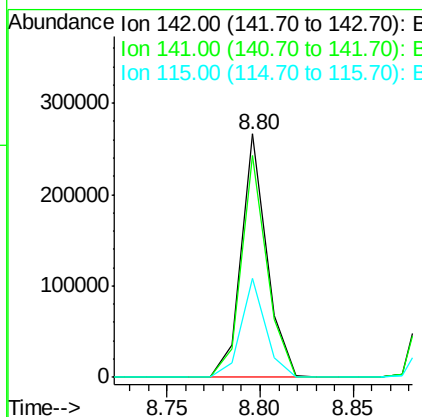
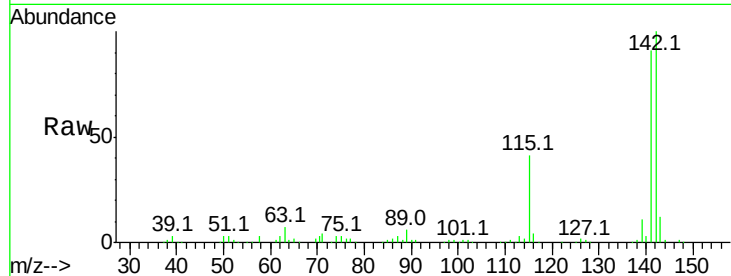
#37
2-Methylnaphthalene
Concen: 35.80 ng
RT: 8.80 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	254453		
141	91.1	72.4	108.6	
115	40.6	27.9	41.9	

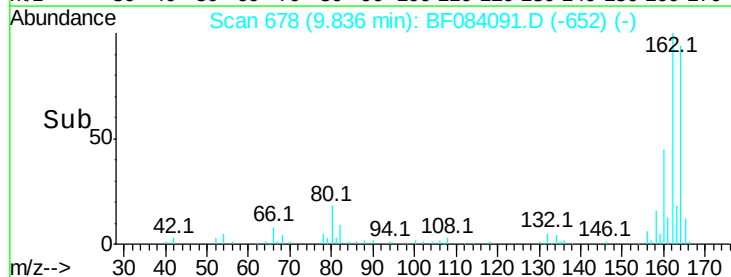
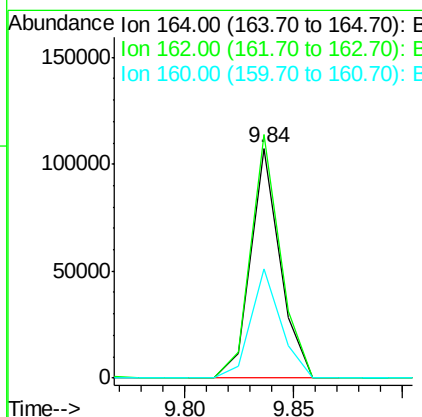
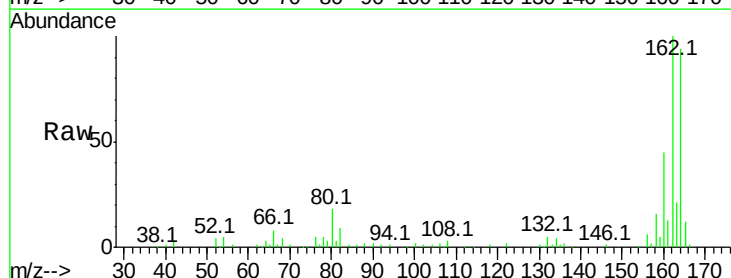
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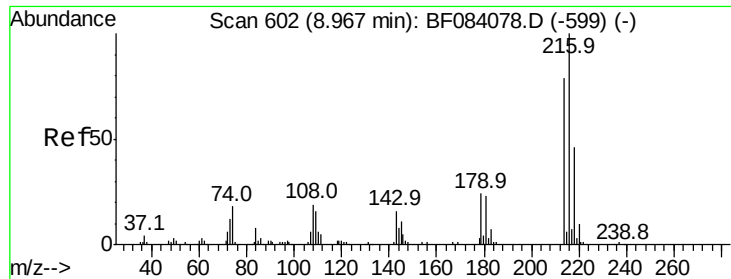
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101088		
162	105.9	85.1	127.7	
160	47.4	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.32 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF084091.D

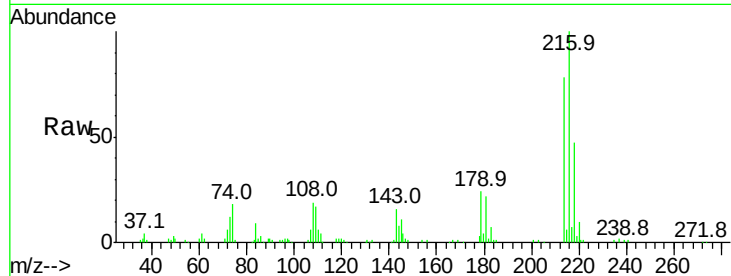
Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

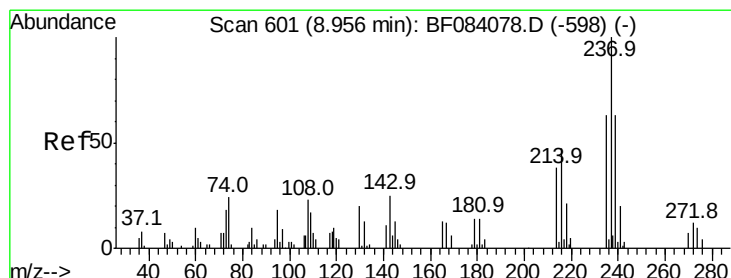
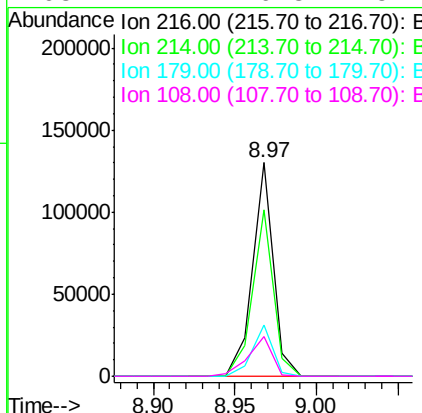
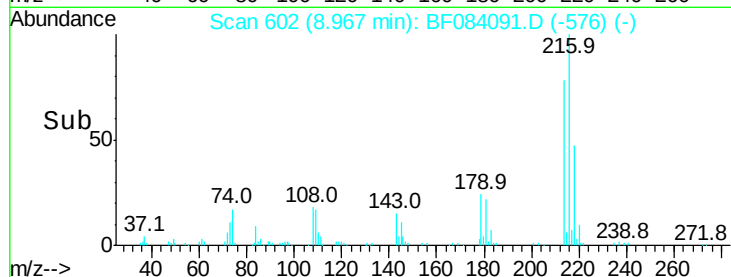
PB87543BS



Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.8	64.2	96.2	
179	23.6	18.7	28.1	
108	21.4	16.8	25.2	

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#40

Hexachlorocyclopentadiene

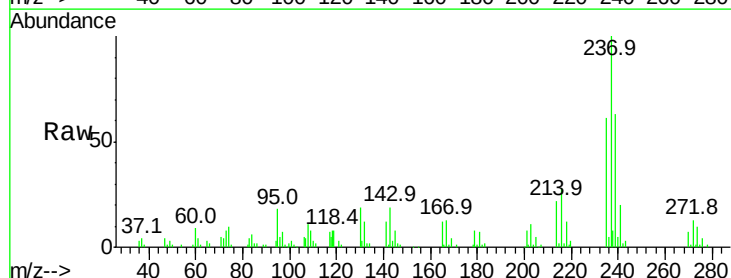
Concen: 76.79 ng

RT: 8.96 min Scan# 601

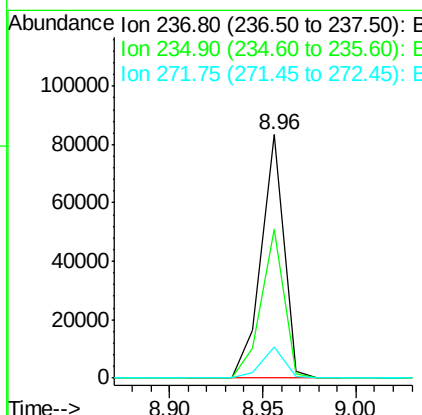
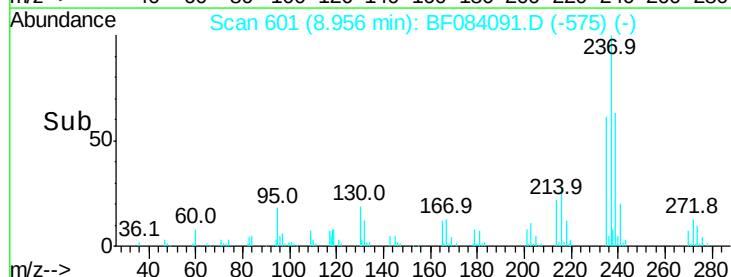
Delta R.T. 0.00 min

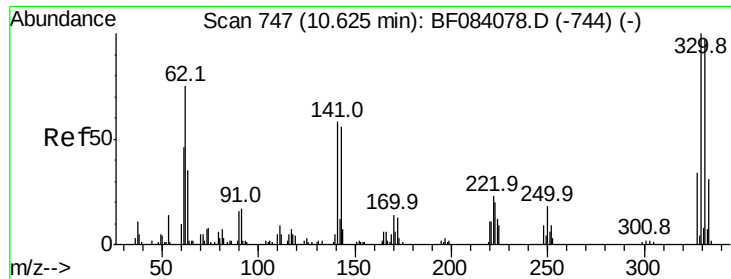
Lab File: BF084091.D

Acq: 24 Dec 2015 20:57



Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.2	43.1	83.1	
272	12.7	0.0	35.1	





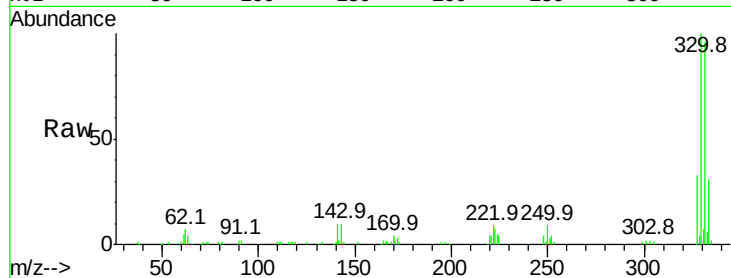
#41
 2,4,6-Tribromophenol
 Concen: 111.24 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

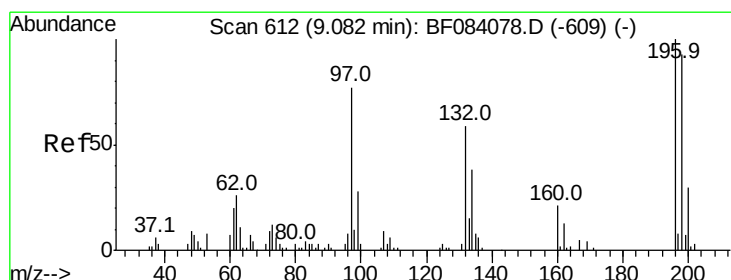
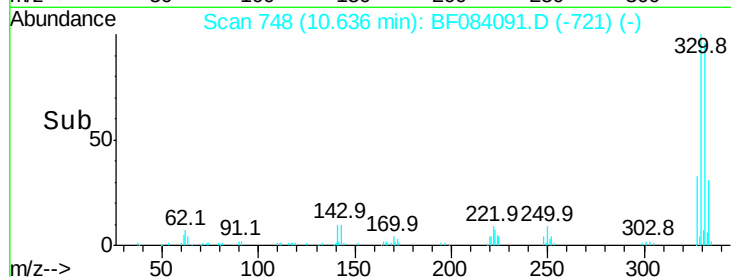
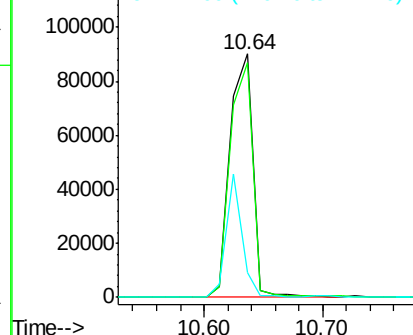
Tot Ion	Ratio	Resp	Lower	Upper
330	100	119917		
332	96.5	76.6	114.8	
141	34.9	27.8	41.6	

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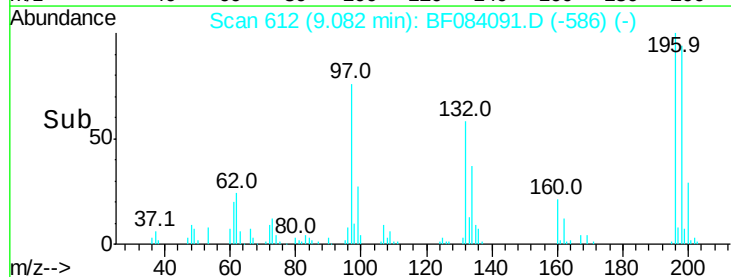
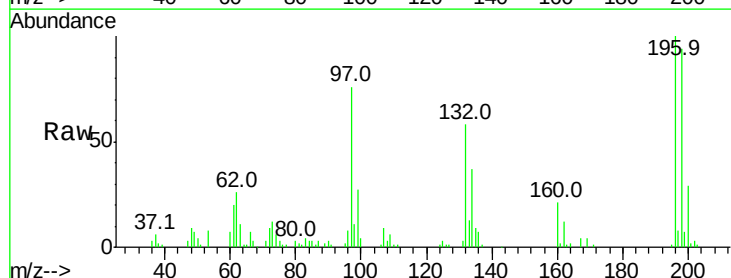
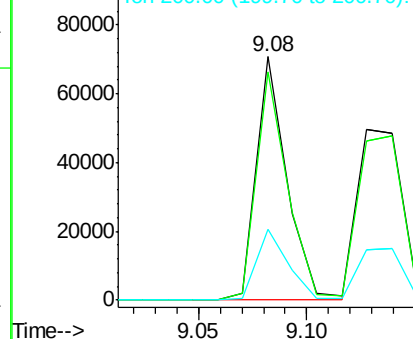
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

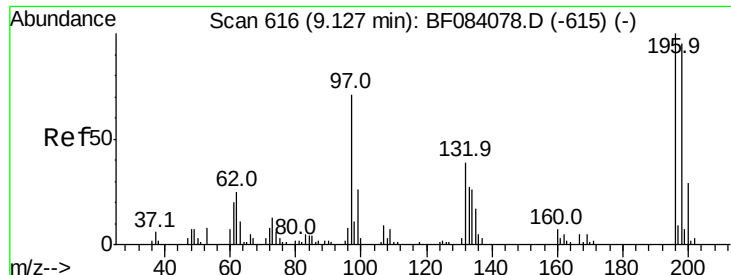


#42
 2,4,6-Trichlorophenol
 Concen: 33.32 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69239		
198	93.7	77.7	116.5	
200	29.2	24.6	37.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





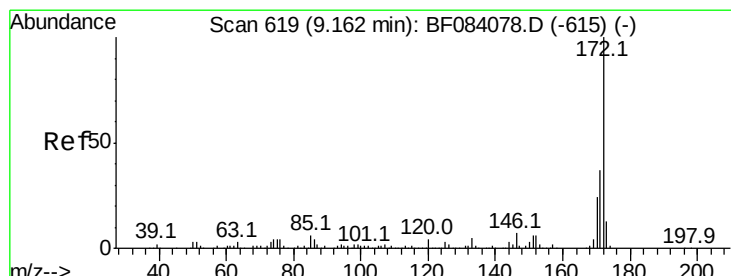
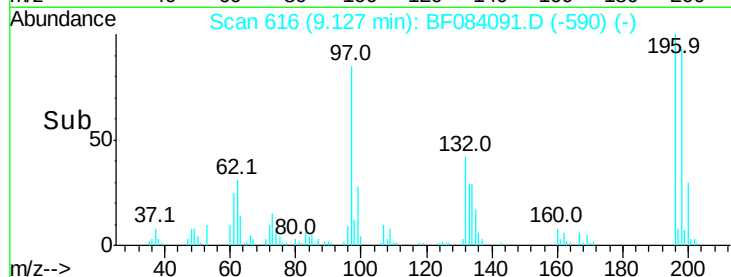
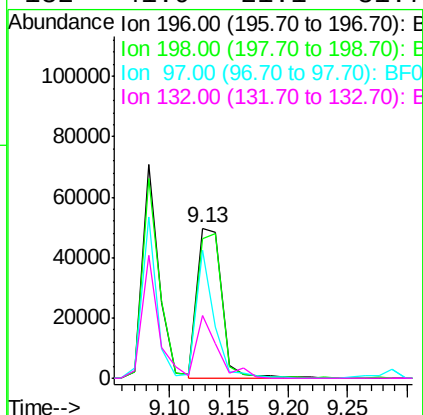
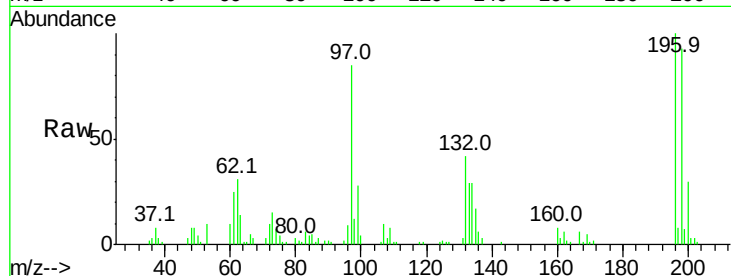
#43
 2,4,5-Trichlorophenol
 Concen: 35.21 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	73236		
198	93.3	79.0	118.6	
97	85.2	33.0	49.6#	
132	41.9	21.1	31.7#	

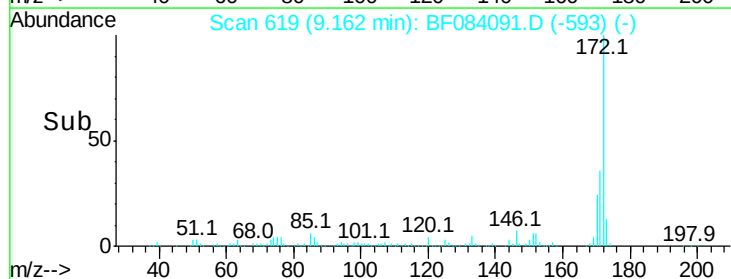
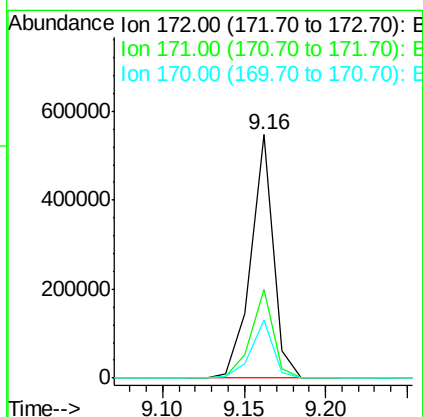
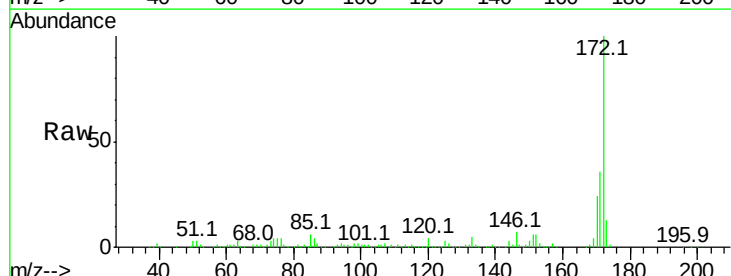
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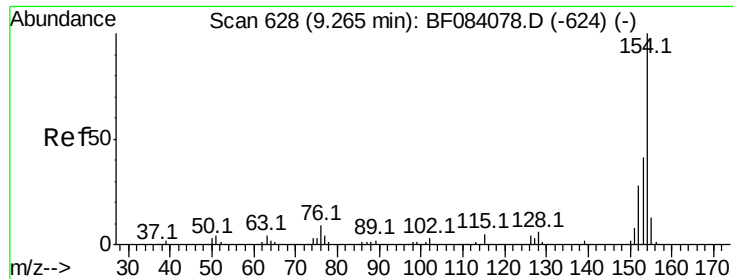
Sohil
 12/28/2015 1:09:52 PM



#44
 2-Fluorobiphenyl
 Concen: 71.05 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	524939		
171	36.4	28.9	43.3	
170	23.8	18.6	27.8	





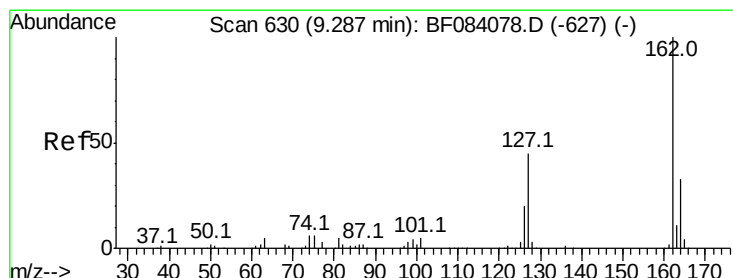
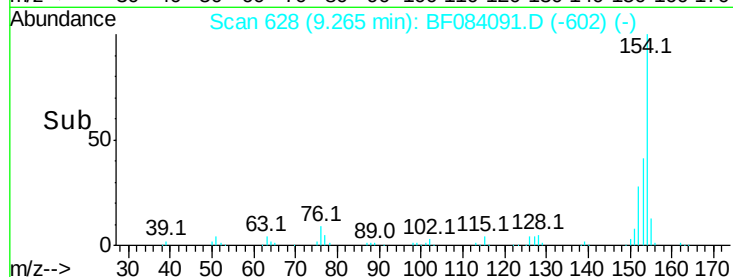
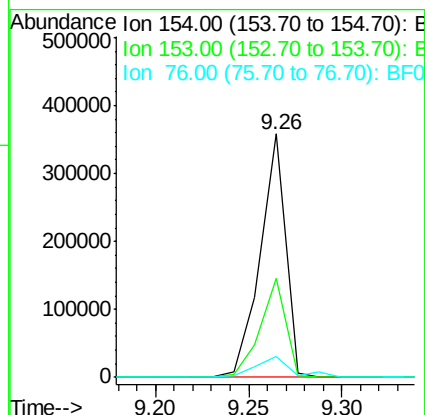
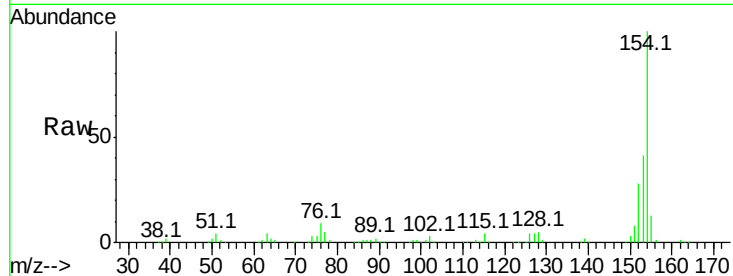
#45
1,1'-Biphenyl
Concen: 36.91 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	21.6	61.6	
76	8.7	0.0	32.7	

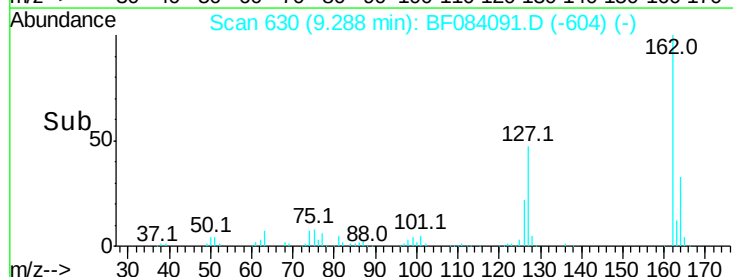
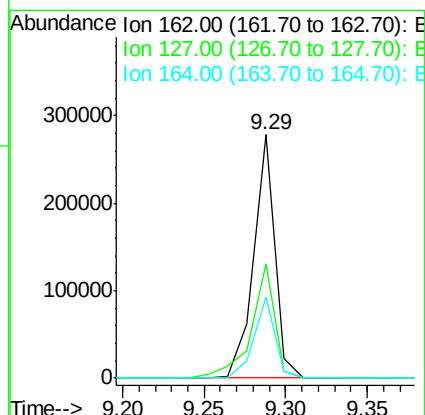
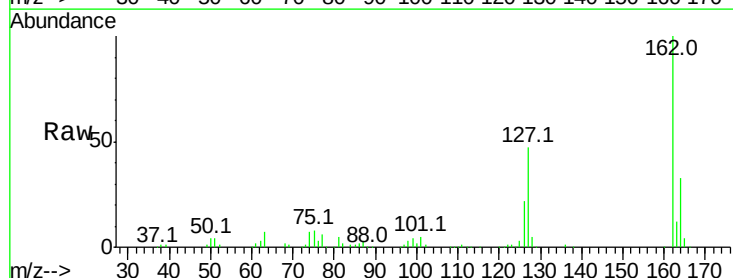
Manual Integrations
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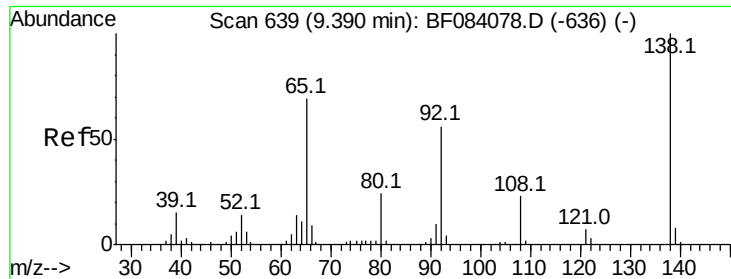
Sohil
12/28/2015 1:09:52 PM



#46
2-Chloronaphthalene
Concen: 36.06 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	46.9	40.2	60.4	
164	33.1	25.7	38.5	





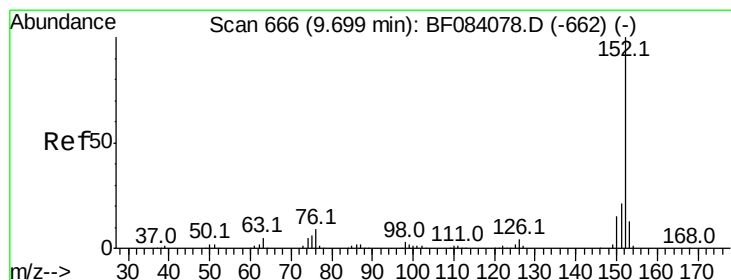
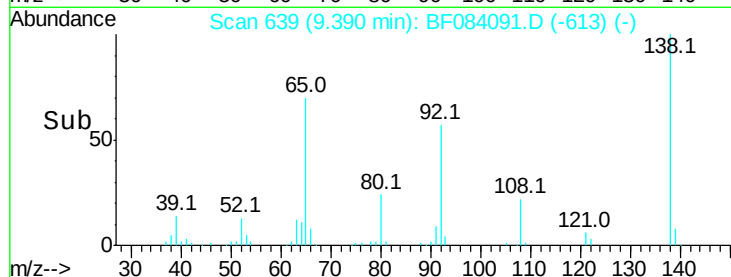
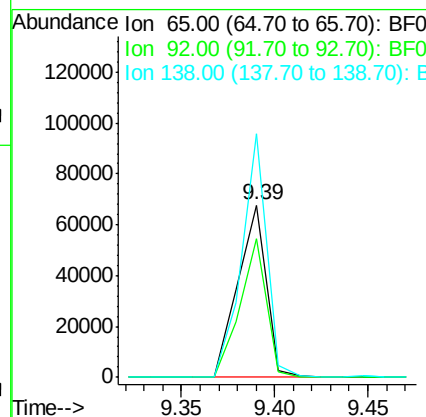
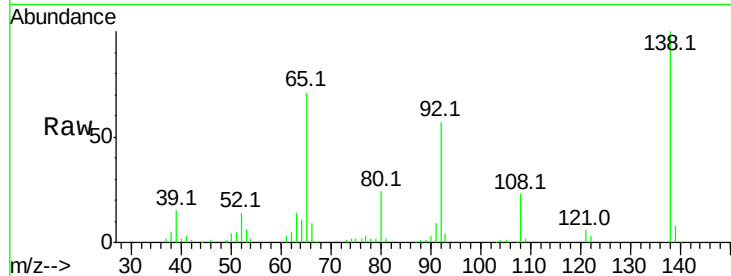
#47
2-Nitroaniline
Concen: 39.13 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	80.5	53.4	80.2#
138	141.4	71.1	106.7#

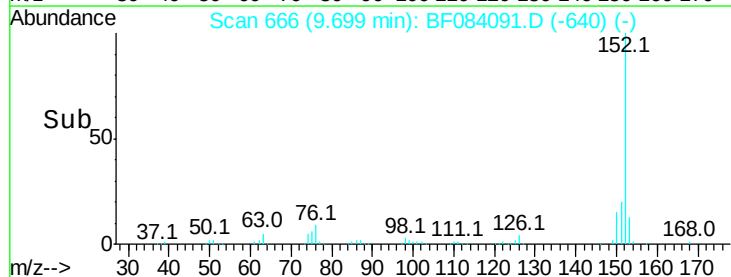
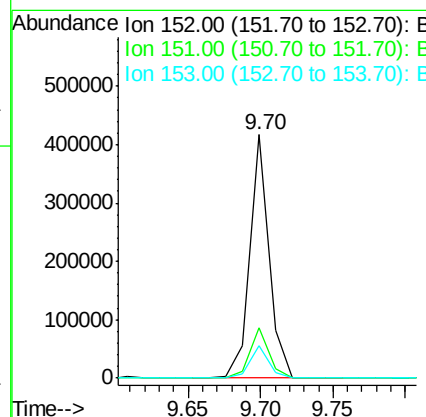
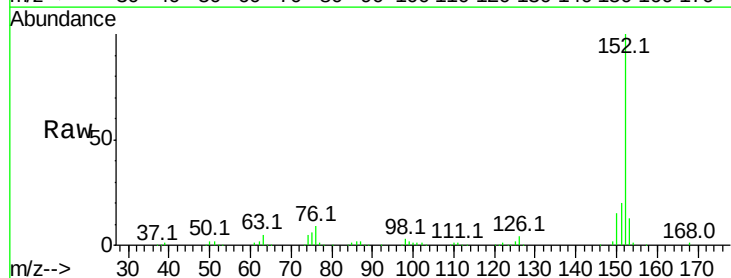
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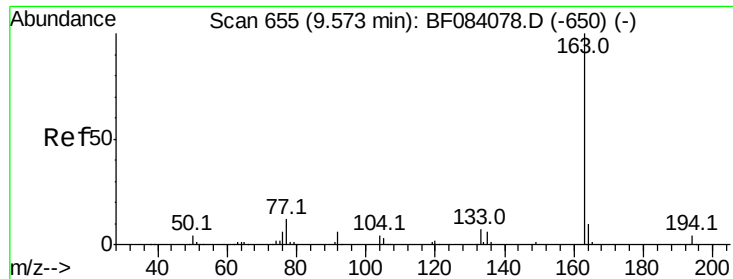
Sohil
12/28/2015 1:09:52 PM



#48
Acenaphthylene
Concen: 33.61 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.5	10.4	15.6





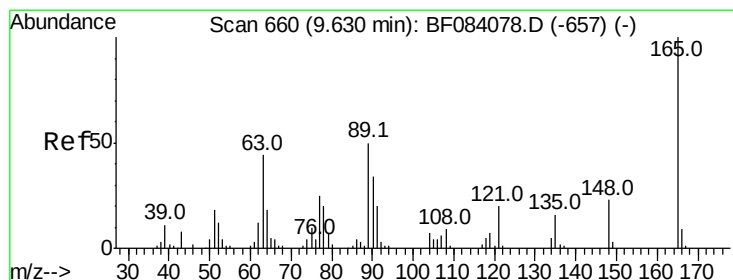
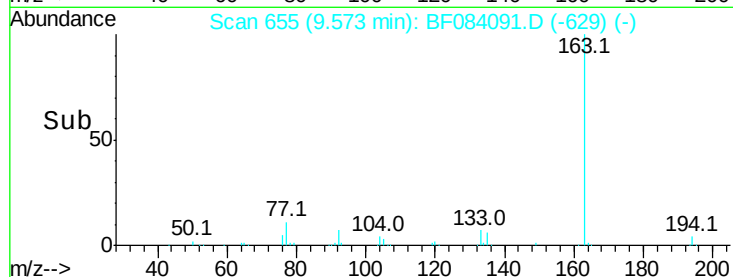
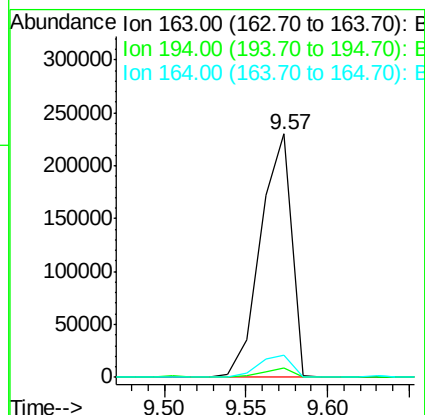
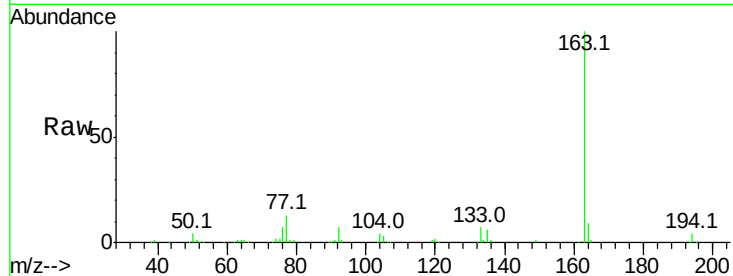
#49
Dimethylphthalate
Concen: 36.26 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	8.0	12.0#
164	9.4	8.0	12.0

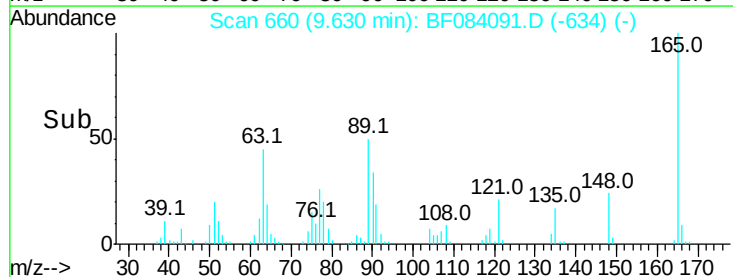
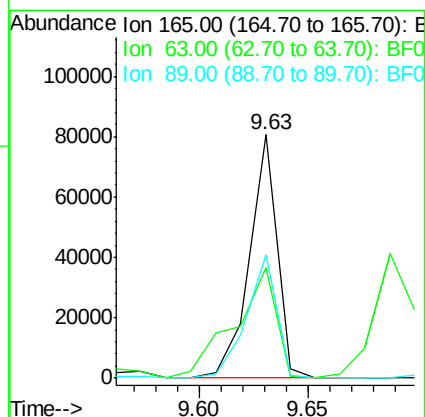
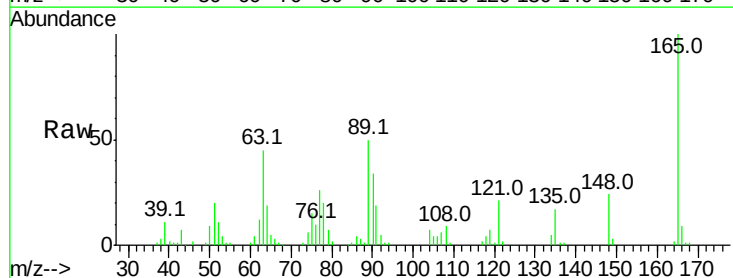
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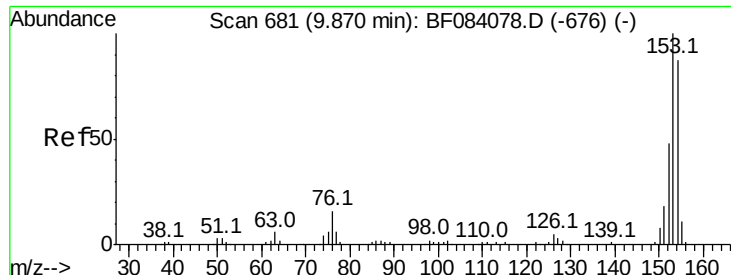
Sohil
12/28/2015 1:09:52 PM



#50
2,6-Dinitrotoluene
Concen: 39.90 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	45.4	28.8	43.2#
89	50.4	35.1	52.7





#51

Acenaphthene

Concen: 33.83 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

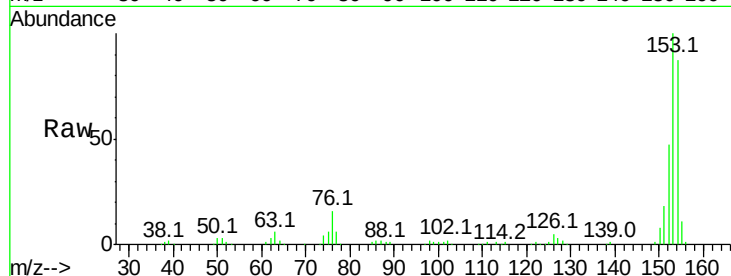
ClientSampleId :

PB87543BS

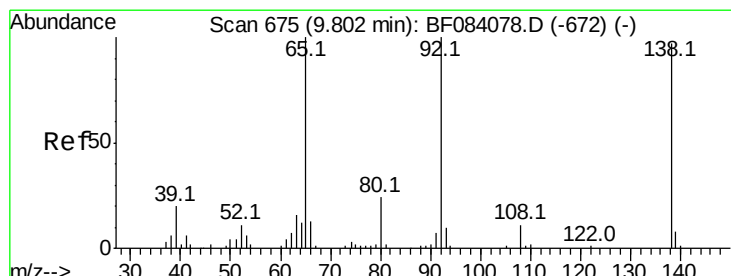
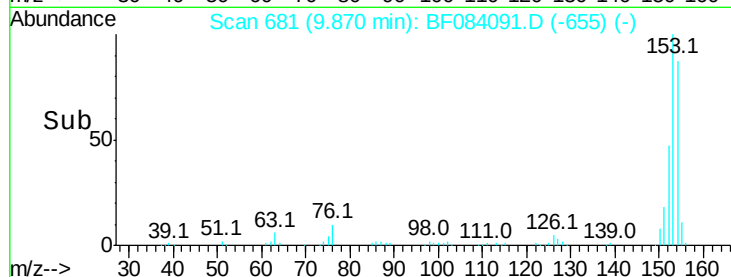
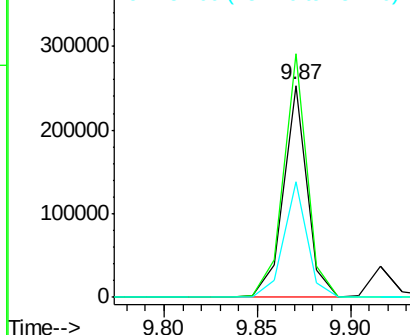
Tot Ion:	154	Resp:	224345
Ion Ratio	Lower	Upper	
154	100		
153	115.0	91.5	137.3
152	54.5	43.0	64.6

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



#52

3-Nitroaniline

Concen: 29.38 ng

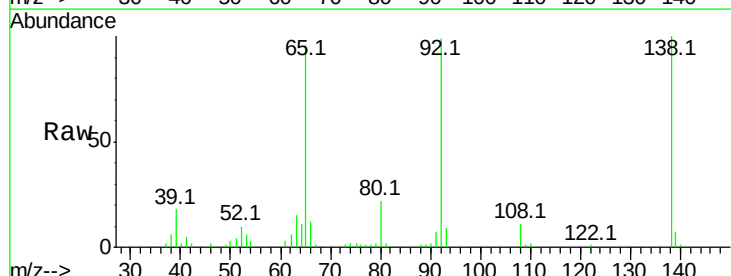
RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

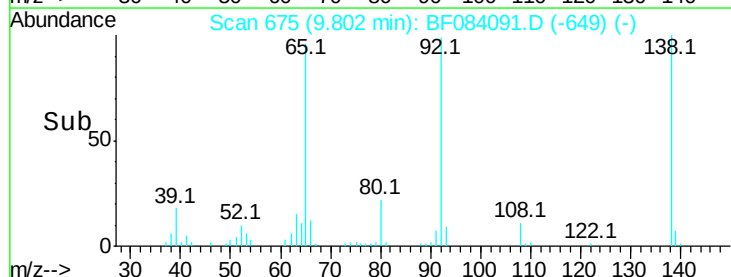
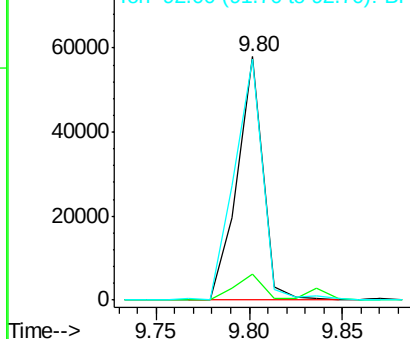
Lab File: BF084091.D

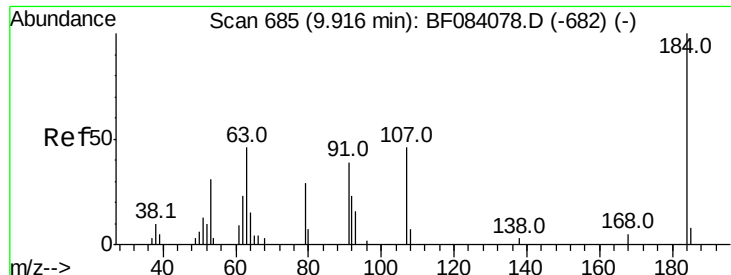
Acq: 24 Dec 2015 20:57

Tgt Ion:	138	Resp:	56038
Ion Ratio	Lower	Upper	
138	100		
108	10.7	10.5	15.7
92	98.9	103.9	155.9#



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





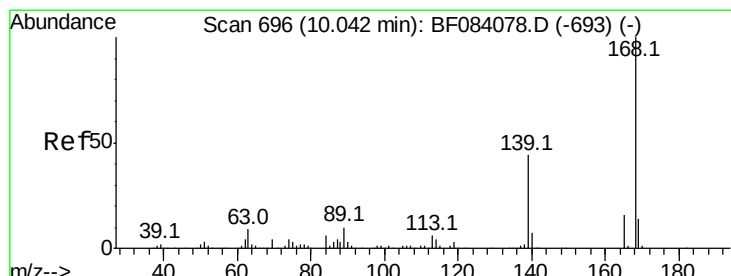
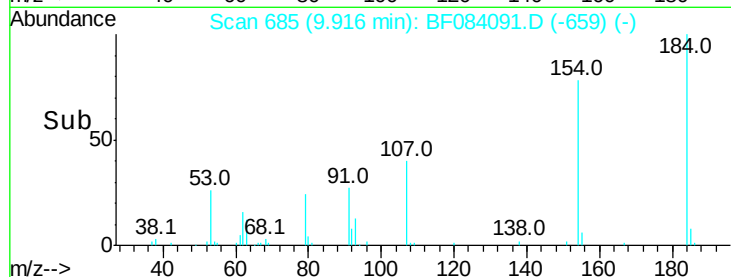
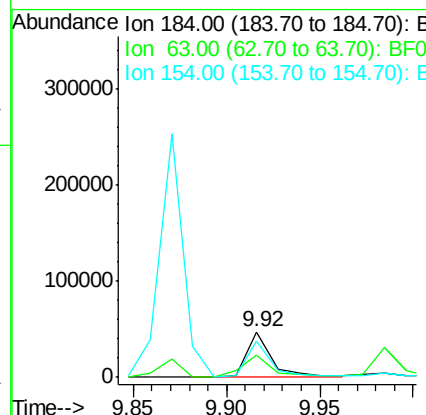
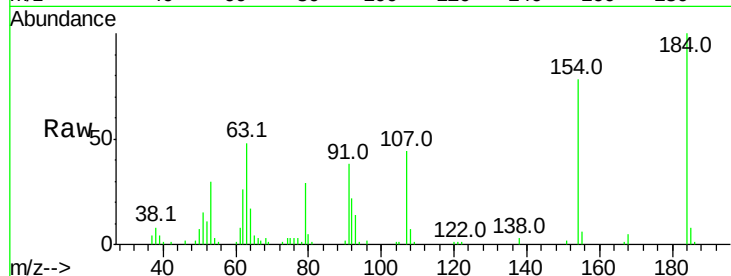
#53
 2,4-Dinitrophenol
 Concen: 69.28 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	45047		
63	47.7		43.1	64.7
154	78.1		60.5	90.7

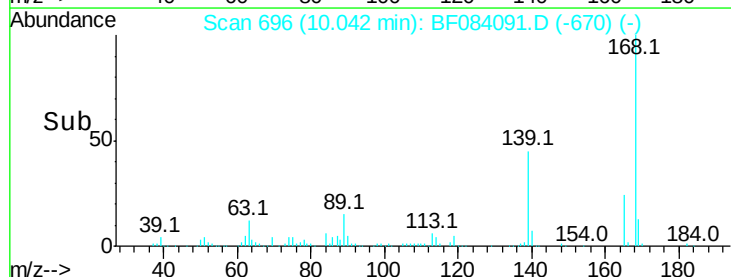
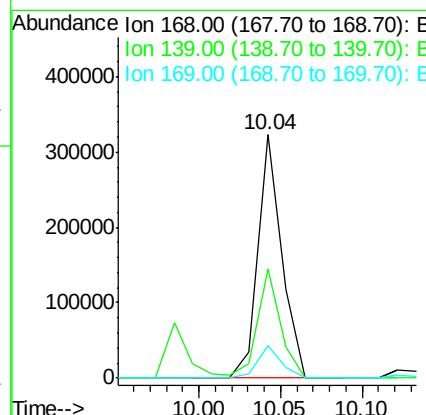
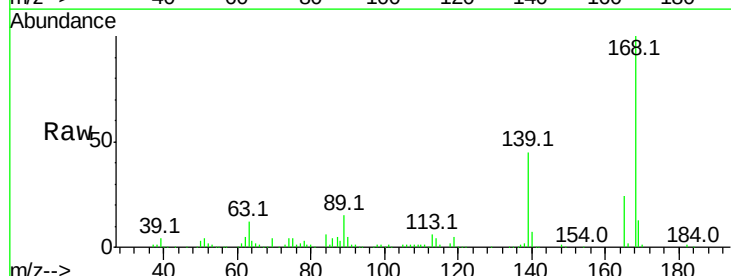
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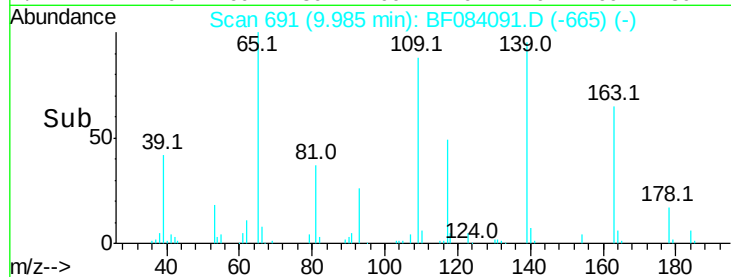
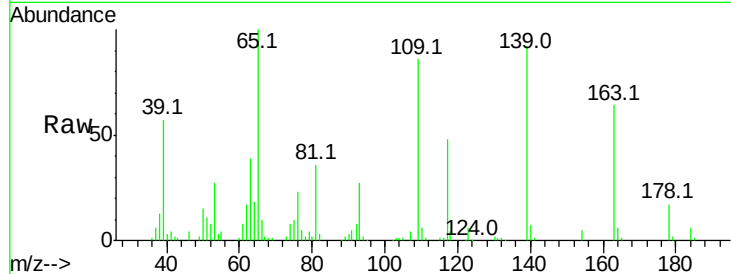
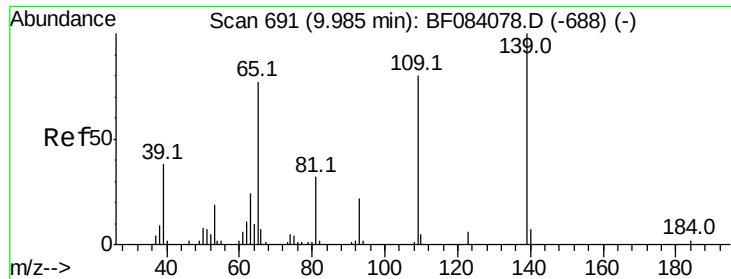
Sohil
 12/28/2015 1:09:52 PM



#54
 Dibenzofuran
 Concen: 35.84 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	326813		
139	45.1		30.5	45.7
169	13.5		10.4	15.6





#55

4-Nitrophenol

Concen: 71.76 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	93.4	58.5	98.5	
65	108.2	57.6	97.6	

Instrument :

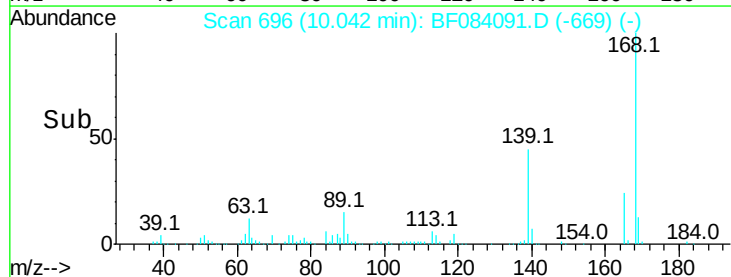
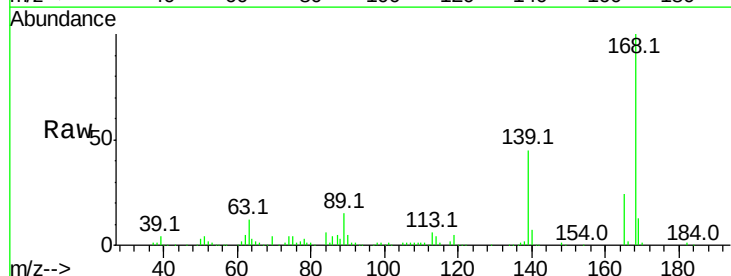
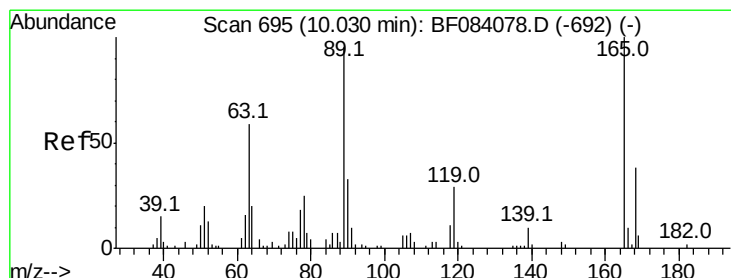
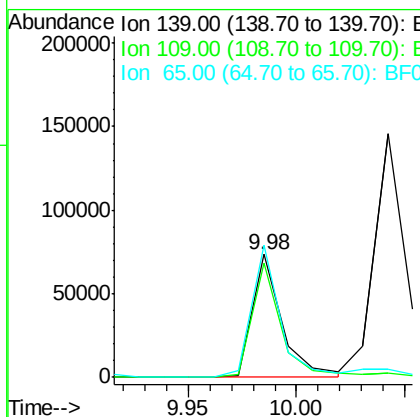
BNA_F

ClientSampleId :

PB87543BS

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#56

2,4-Dinitrotoluene

Concen: 37.52 ng

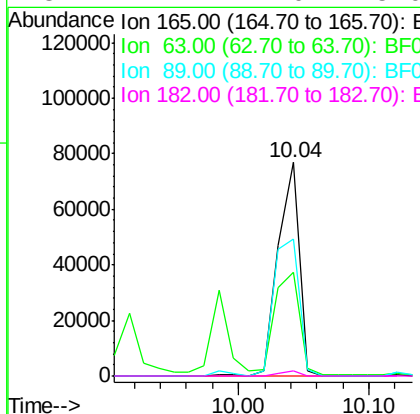
RT: 10.04 min Scan# 696

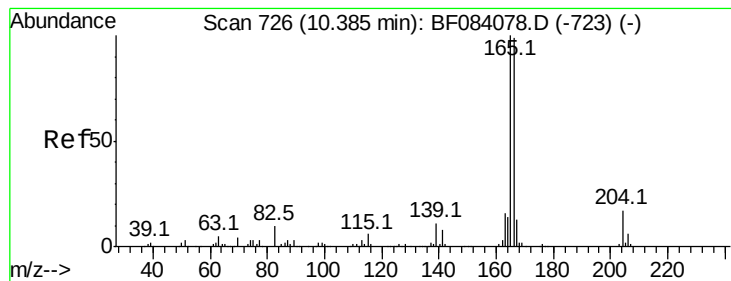
Delta R.T. 0.01 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.6	36.7	55.1	
89	64.4	61.9	92.9	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 34.35 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

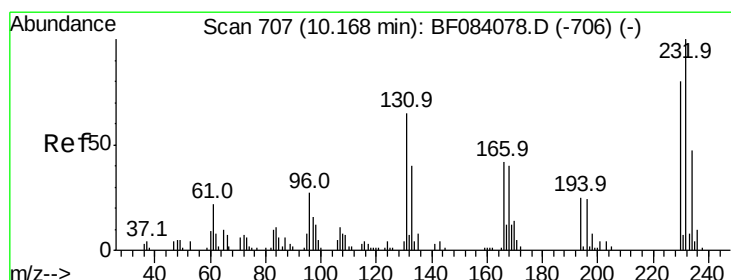
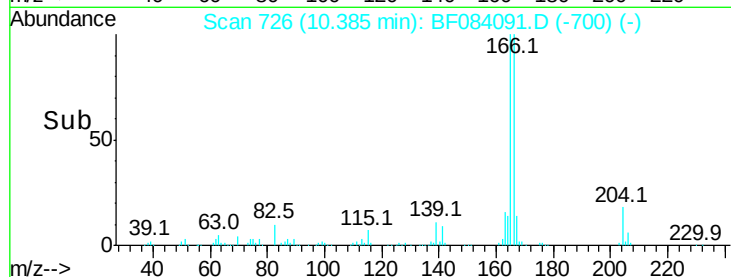
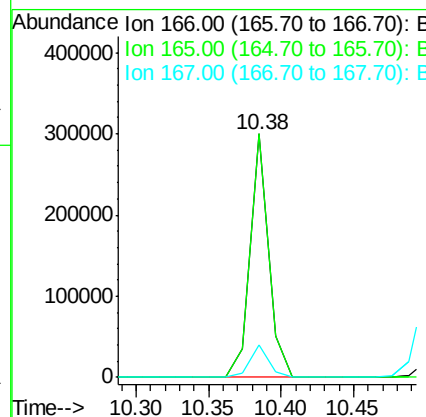
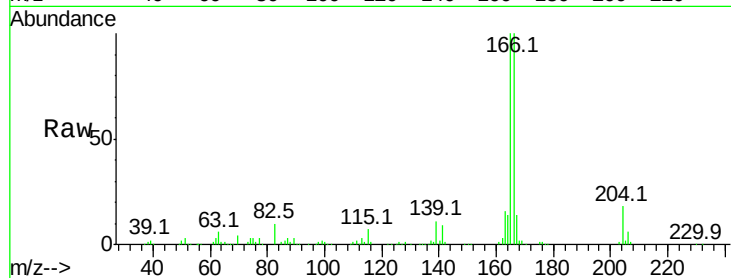
ClientSampleId :

PB87543BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	266259		
165	100.1	79.1	118.7	
167	13.5	10.4	15.6	

Manual Integrations
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12/28/2015 1:09:52 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.37 ng

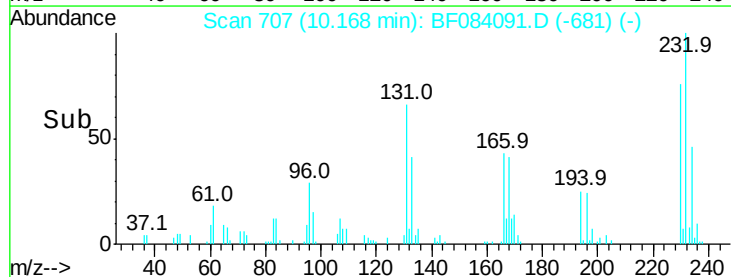
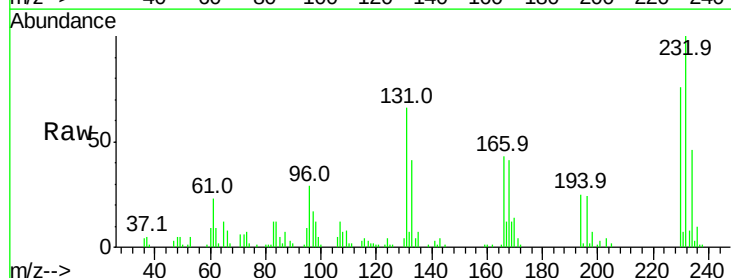
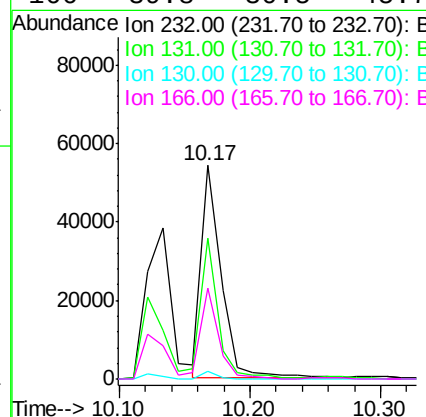
RT: 10.17 min Scan# 707

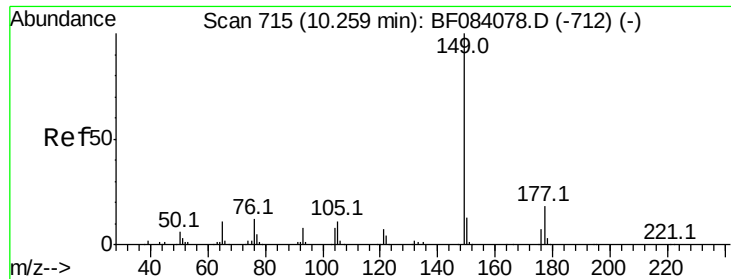
Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	56893		
131	60.4	47.0	70.6	
130	2.9	2.0	3.0	
166	39.8	30.5	45.7	





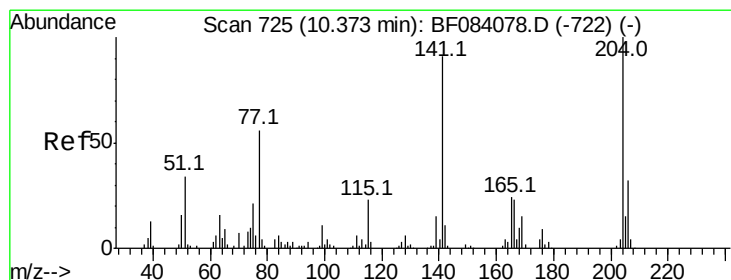
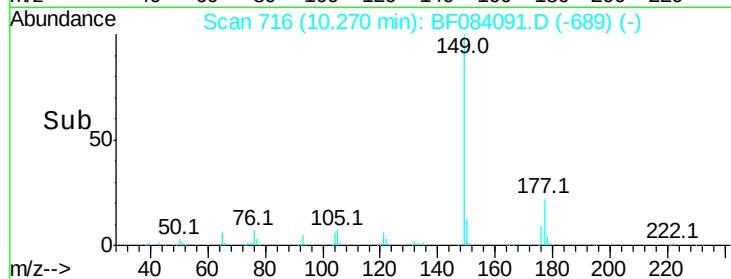
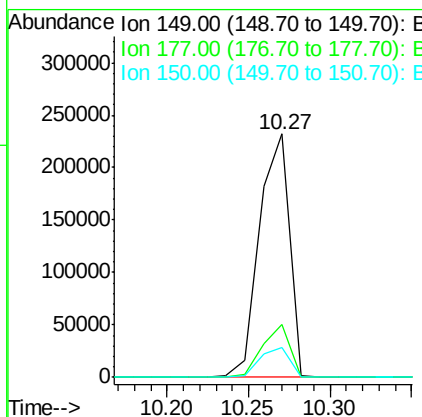
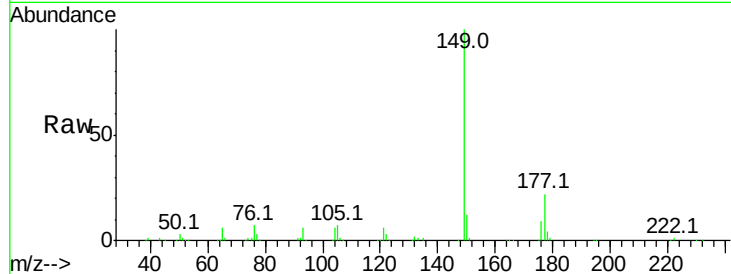
#59
Diethylphthalate
Concen: 35.02 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	297781		
177	21.8	17.3	25.9	
150	12.4	9.8	14.8	

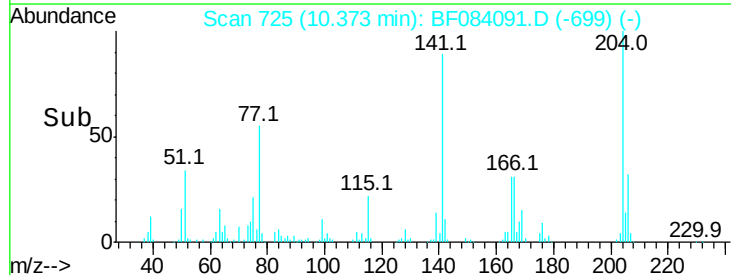
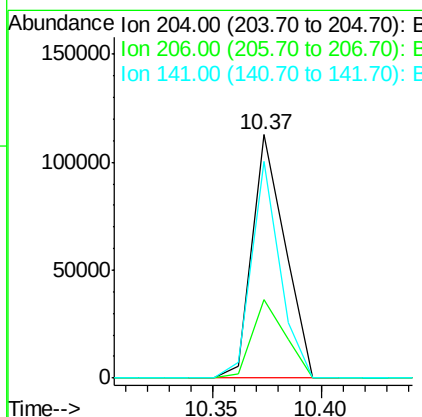
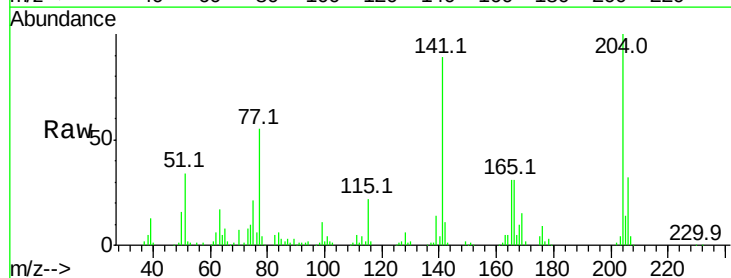
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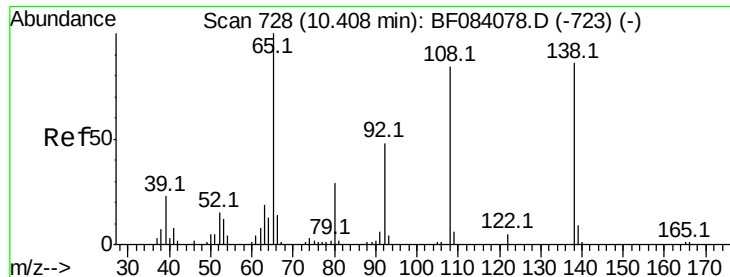
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#60
4-Chlorophenyl-phenylether
Concen: 33.19 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	118636		
206	32.1	25.7	38.5	
141	88.8	55.1	82.7	





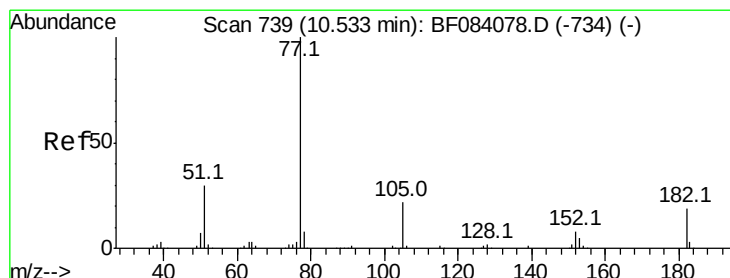
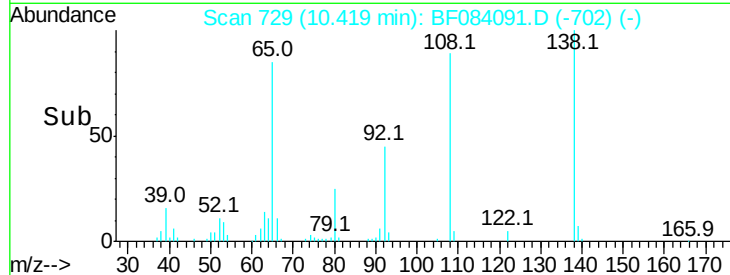
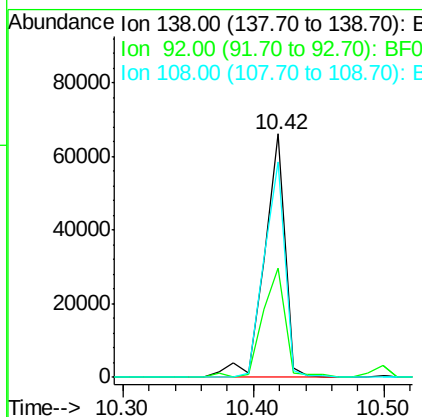
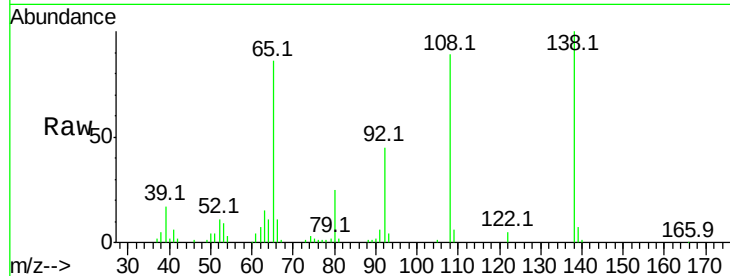
#61
4-Nitroaniline
Concen: 41.88 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.1	32.6	72.6
108	88.6	68.6	108.6

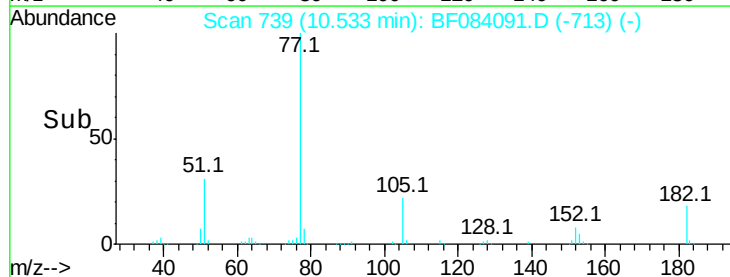
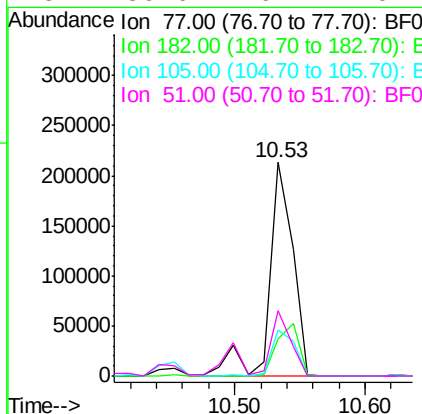
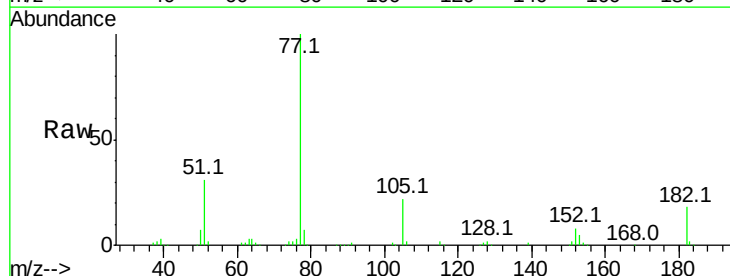
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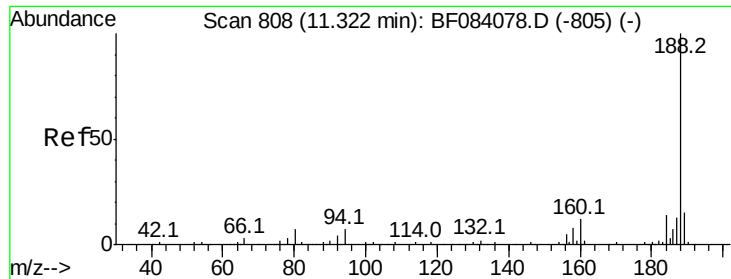
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#62
Azobenzene
Concen: 38.86 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.6	8.3	48.3
105	21.5	4.6	44.6
51	30.6	6.2	46.2





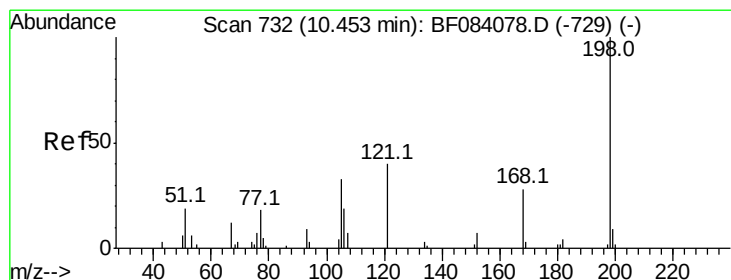
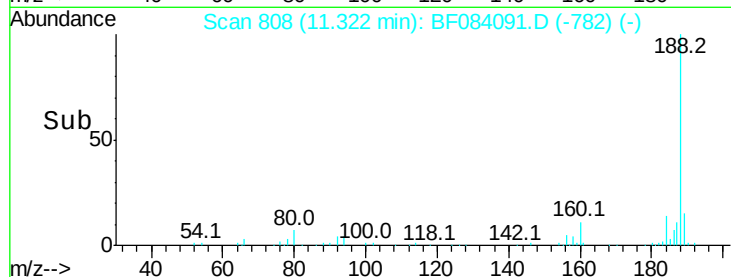
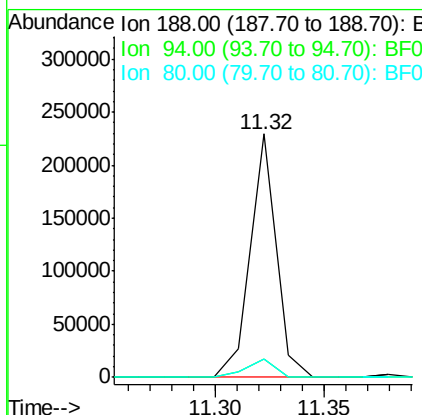
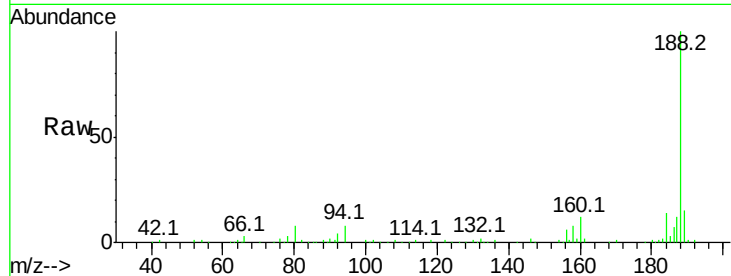
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.6	9.0	13.4#
80	7.7	9.6	14.4#

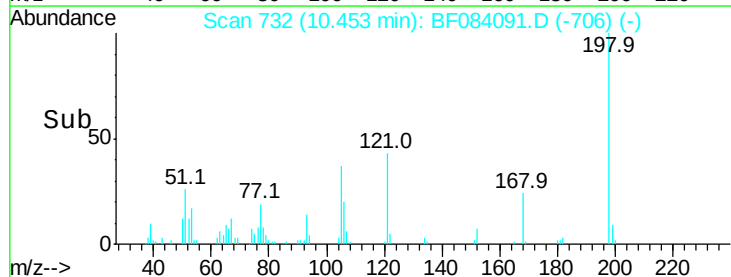
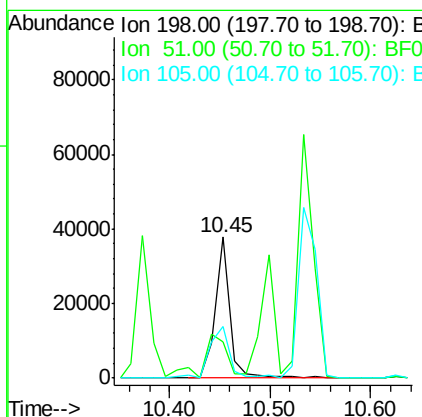
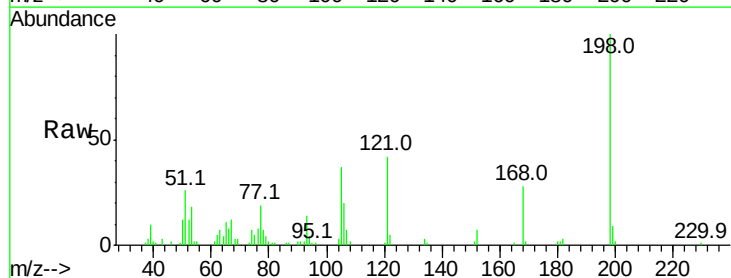
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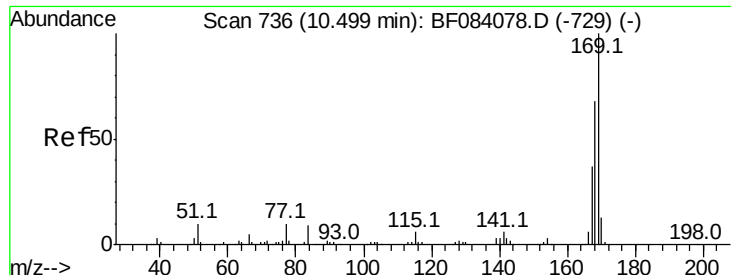
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.66 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	26.1	18.9	58.9
105	37.0	26.4	66.4





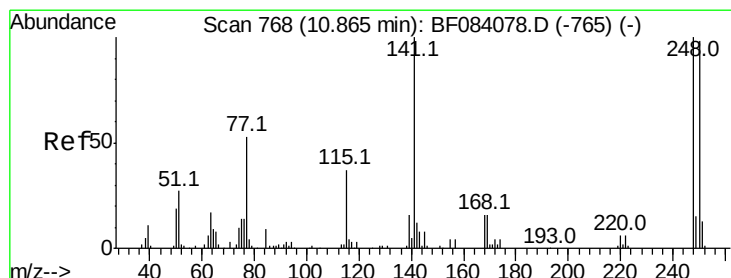
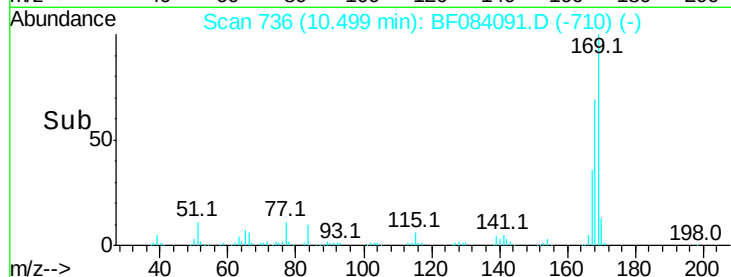
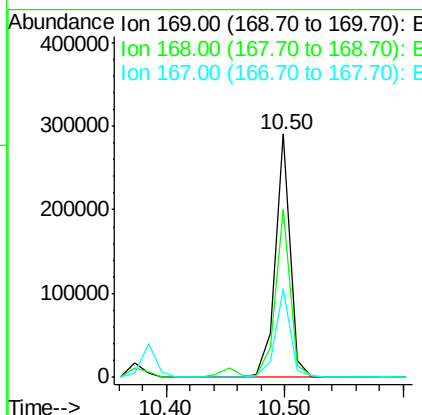
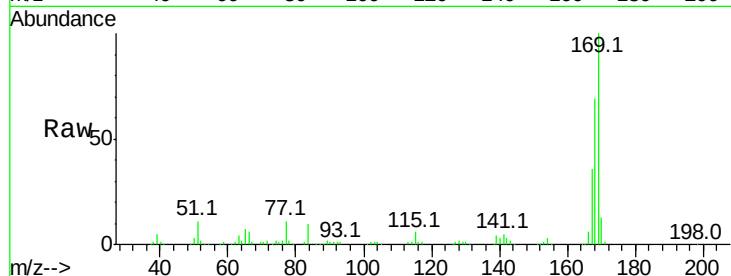
#65
 n-Nitrosodiphenylamine
 Concen: 37.19 ng
 RT: 10.50 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	252581		
168	69.2		55.1	82.7
167	36.4		30.0	45.0

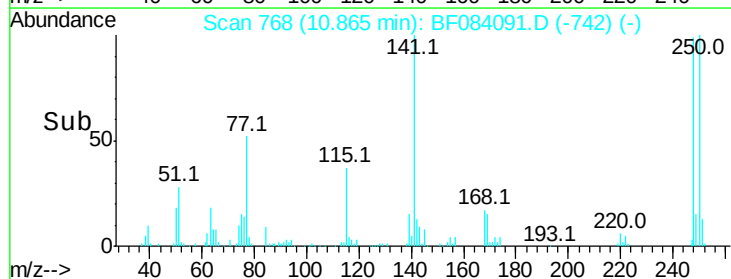
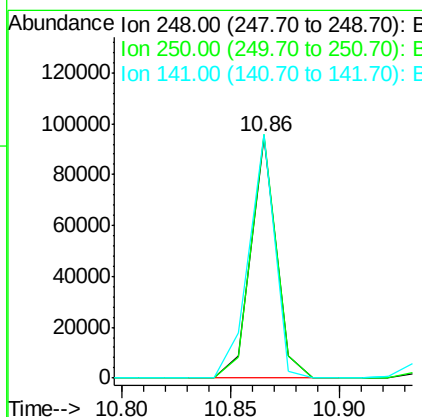
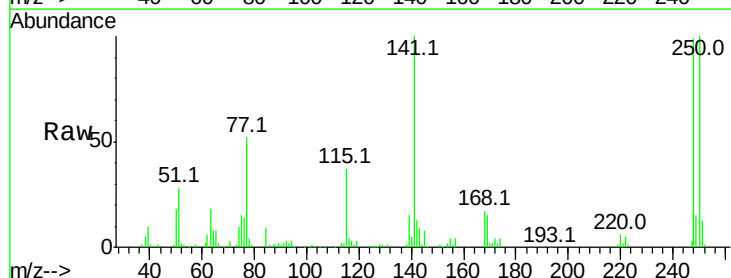
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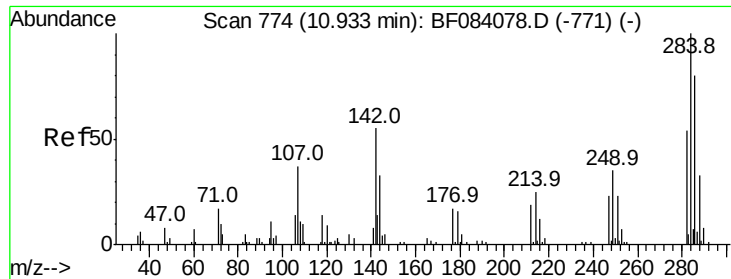
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#66
 4-Bromophenyl-phenylether
 Concen: 34.94 ng
 RT: 10.86 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	77118		
250	100.7		78.4	117.6
141	100.7		44.0	66.0





#67

Hexachlorobenzene

Concen: 34.53 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

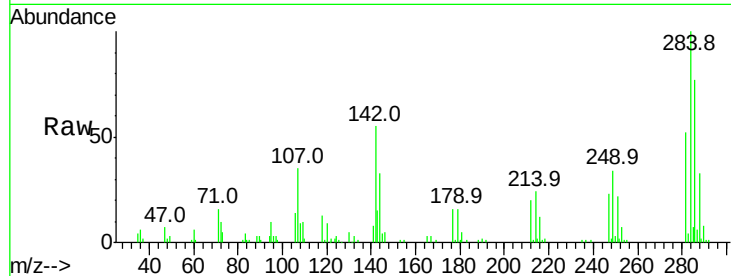
ClientSampleId :

PB87543BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	54.8	22.2	33.4#	
249	34.5	24.6	37.0	

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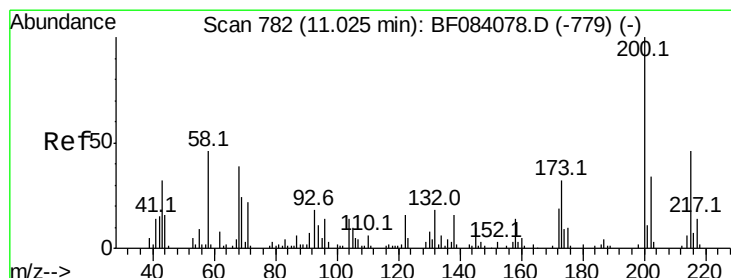
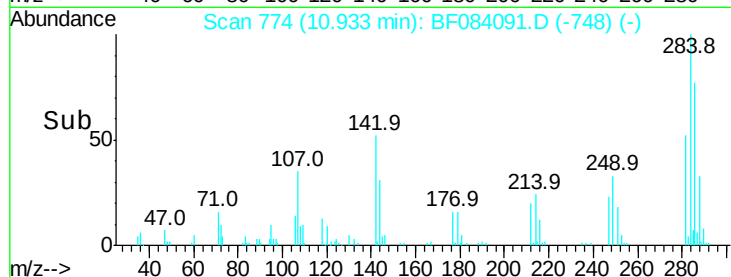
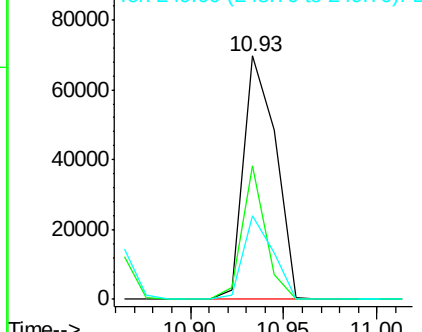
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 33.40 ng

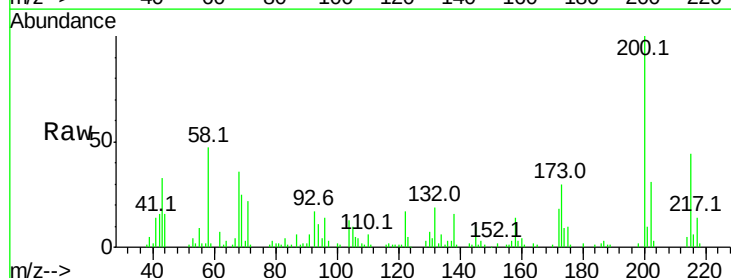
RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

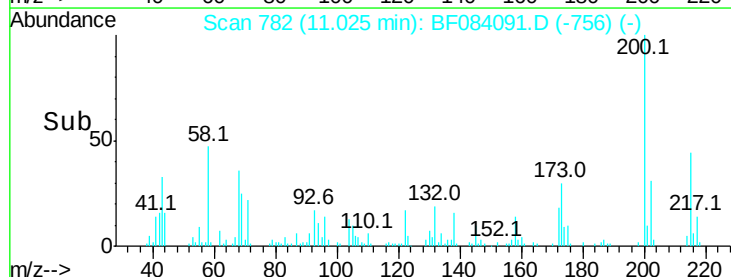
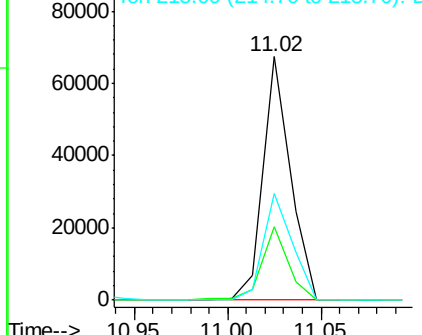
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.3	9.5	49.5	
215	43.7	23.8	63.8	

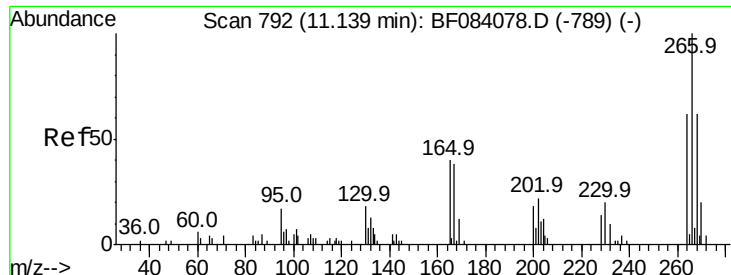


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





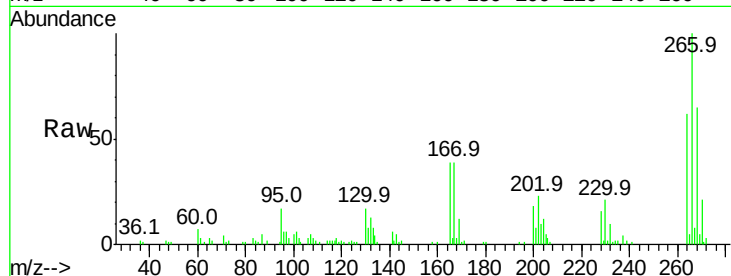
#69
 Pentachlorophenol
 Concen: 73.83 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

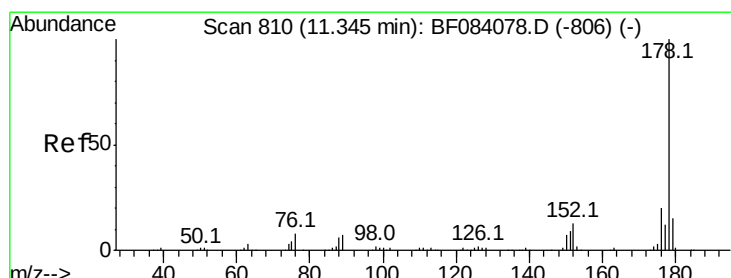
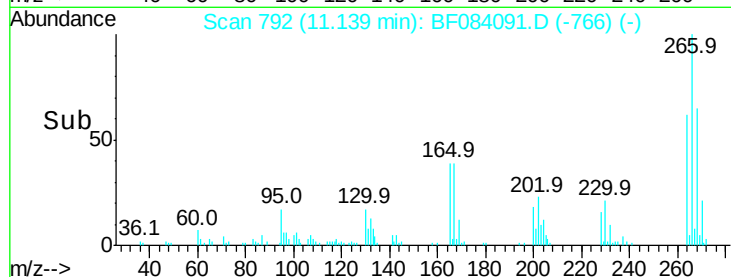
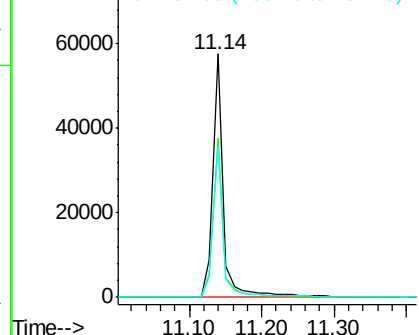
Tot Ion	Ratio	Resp	Lower	Upper
266	100	58158		
268	65.1		52.4	78.6
264	62.1		50.2	75.2

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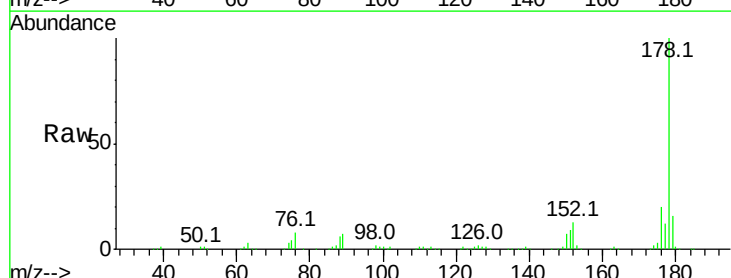


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

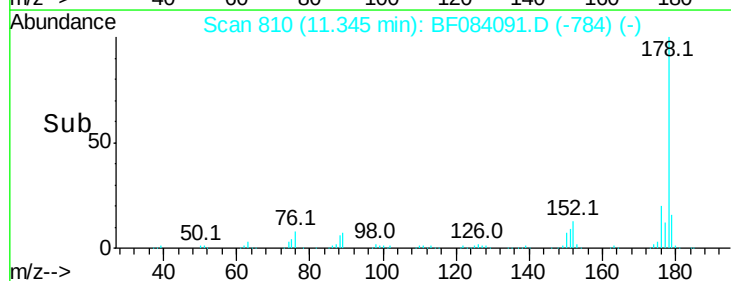
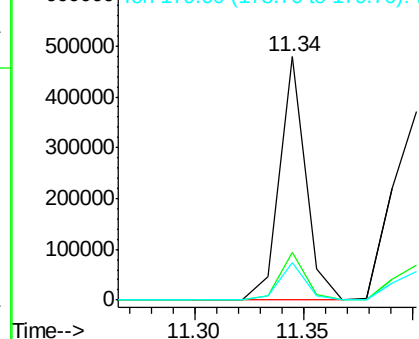


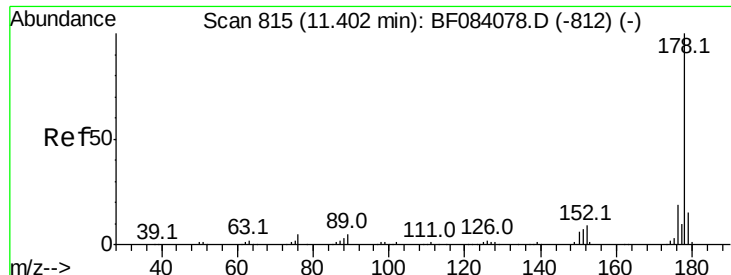
#70
 Phenanthrene
 Concen: 35.81 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	404430		
176	19.5		15.3	22.9
179	15.6		12.0	18.0



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





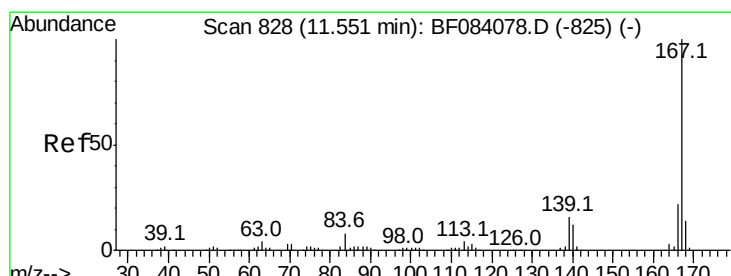
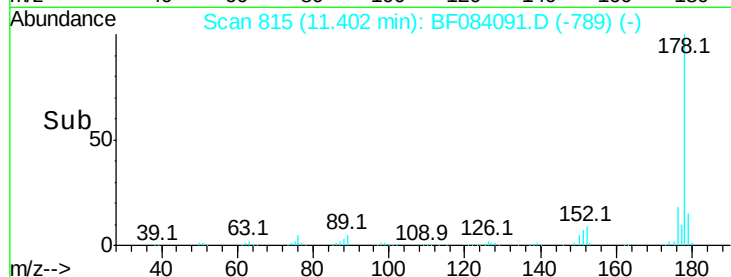
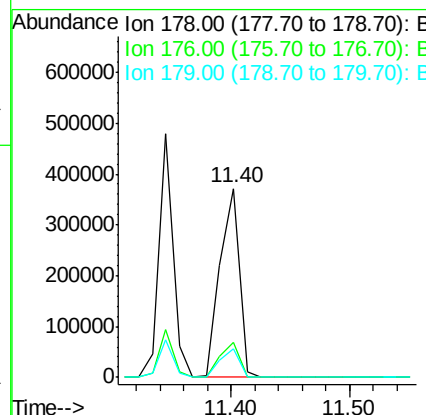
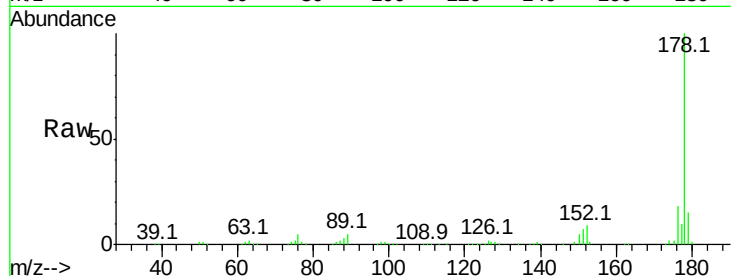
#71
 Anthracene
 Concen: 35.28 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	15.2	12.5	18.7

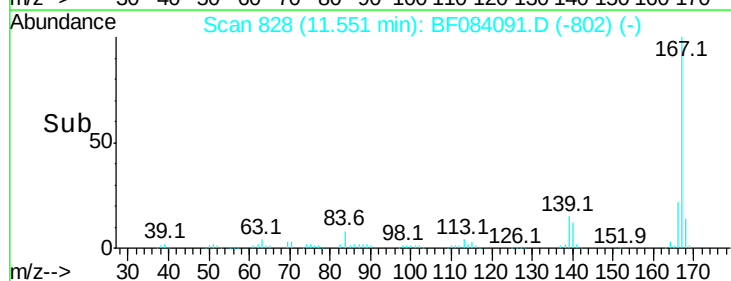
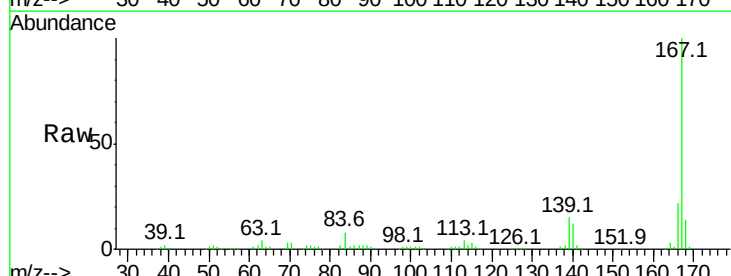
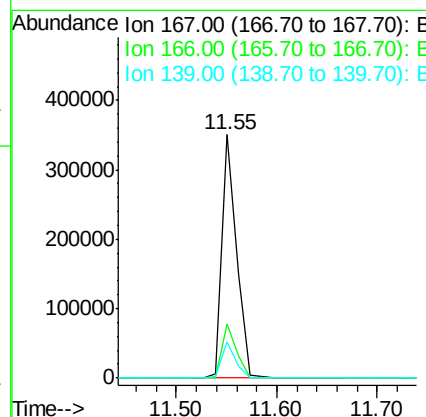
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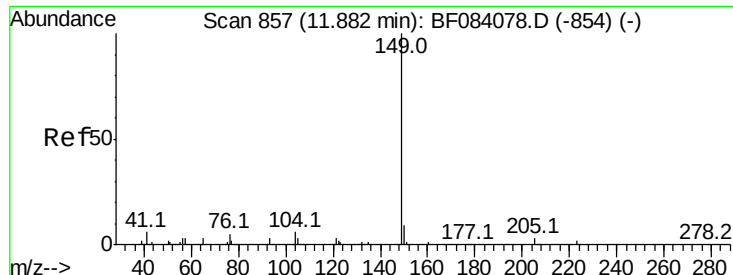
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#72
 Carbazole
 Concen: 35.16 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	14.9	11.8	17.8





#73

Di-n-butylphthalate

Concen: 34.06 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

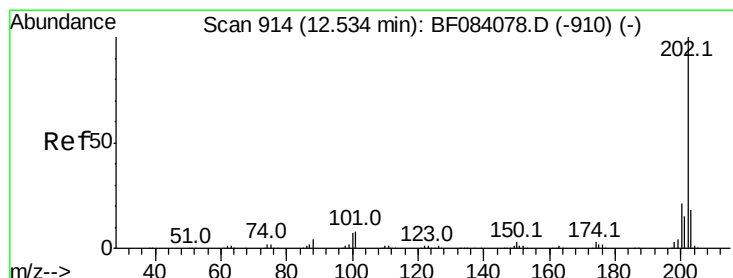
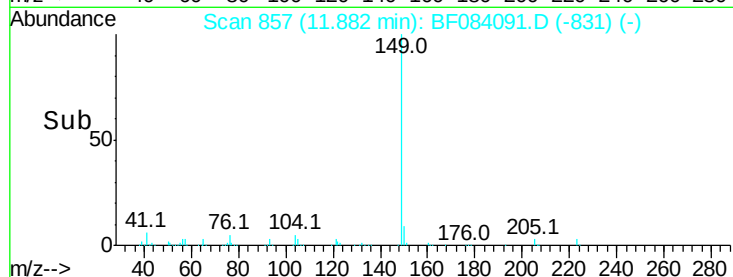
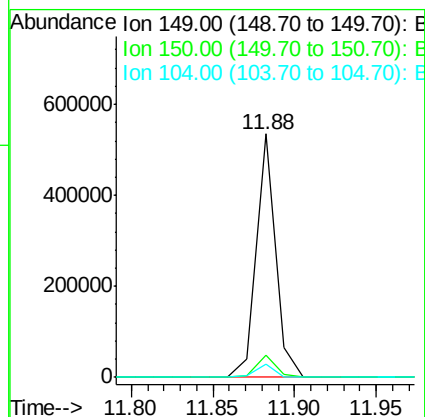
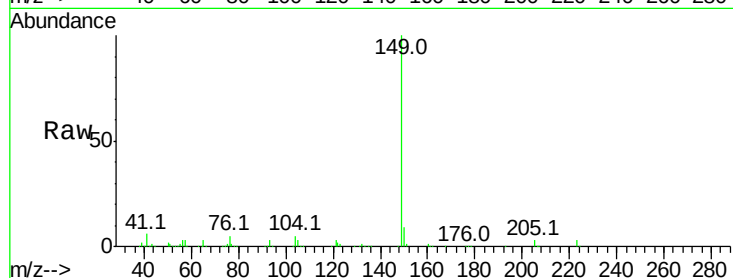
ClientSampleId :

PB87543BS

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Tot Ion:	149	Resp:	440908
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.1	10.7
104	5.3	3.2	4.8#



#74

Fluoranthene

Concen: 33.96 ng

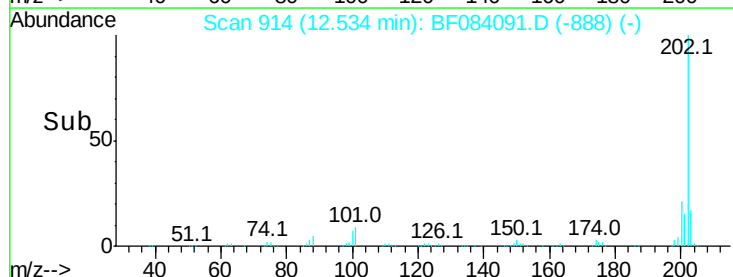
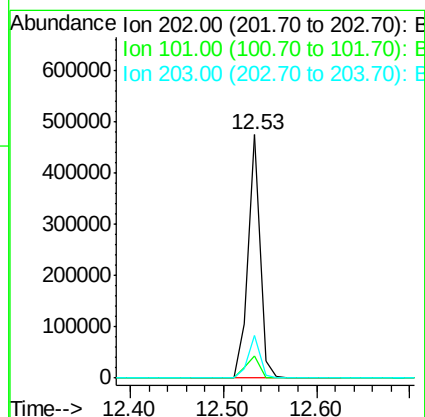
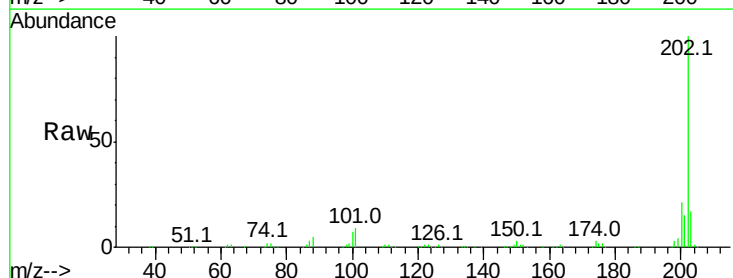
RT: 12.53 min Scan# 914

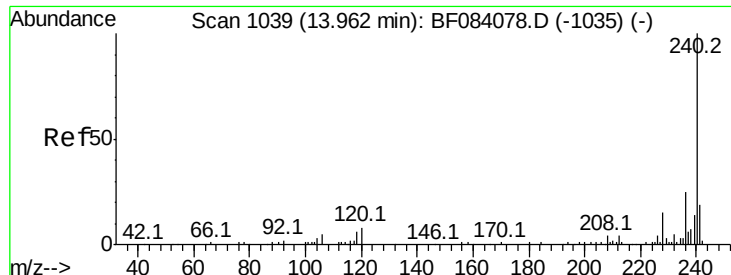
Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Tgt Ion:	202	Resp:	426173
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	32.8
203	17.5	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

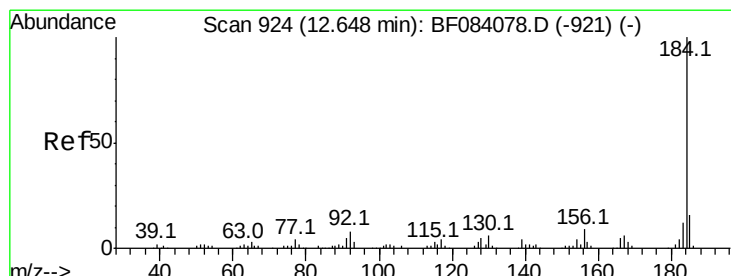
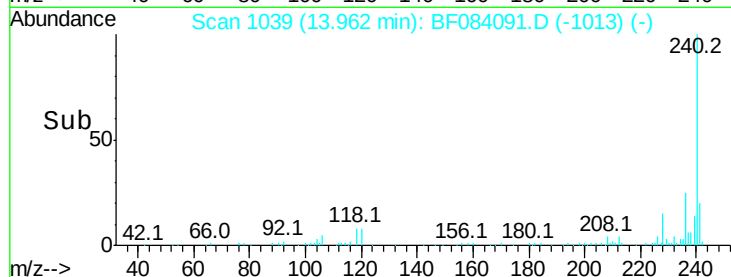
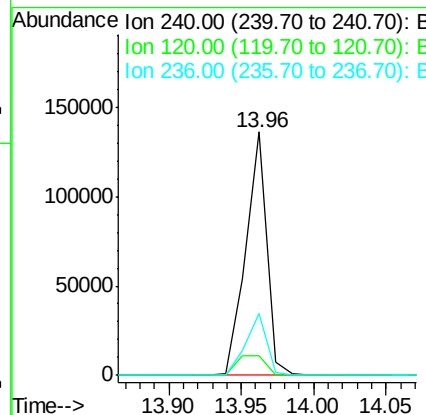
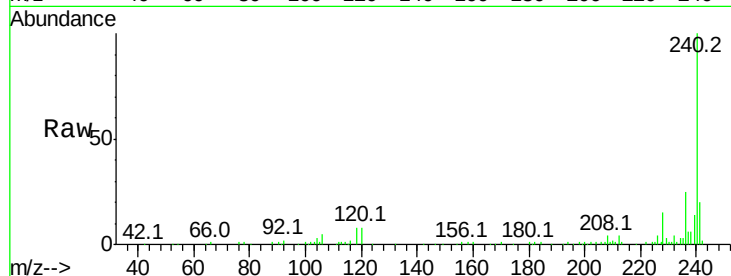
ClientSampleId :

PB87543BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	136996		
120	8.1	9.5	14.3#	
236	25.3	20.6	31.0	

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#76

Benzidine

Concen: 36.88 ng

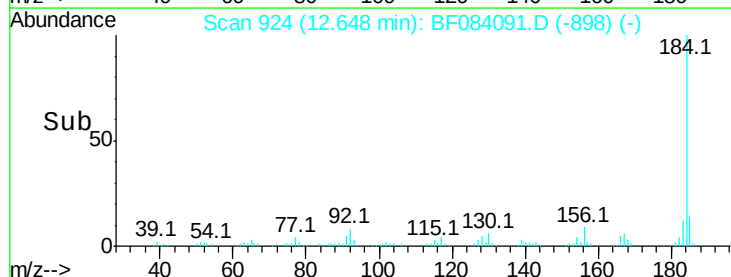
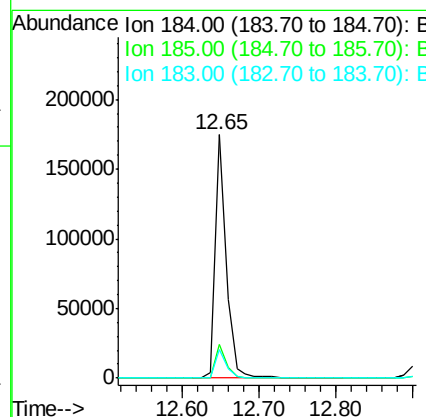
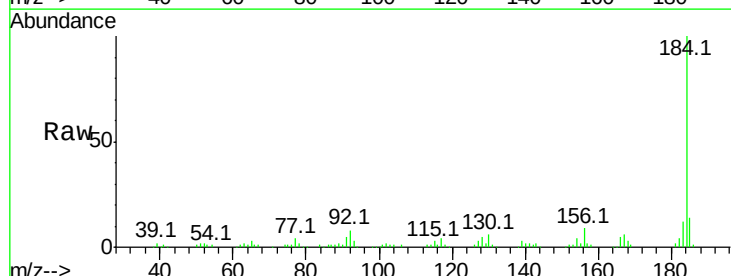
RT: 12.65 min Scan# 924

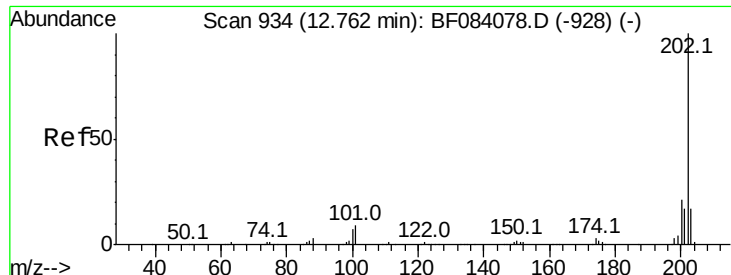
Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	171731		
185	14.0	12.2	18.2	
183	11.9	9.8	14.8	





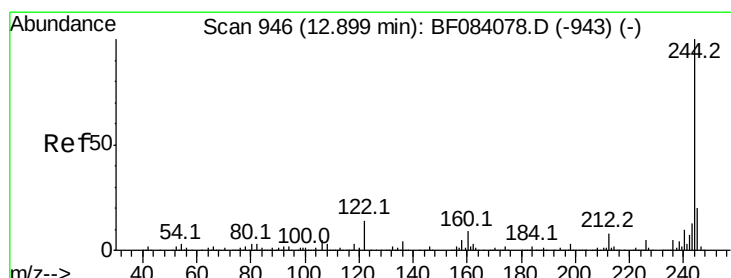
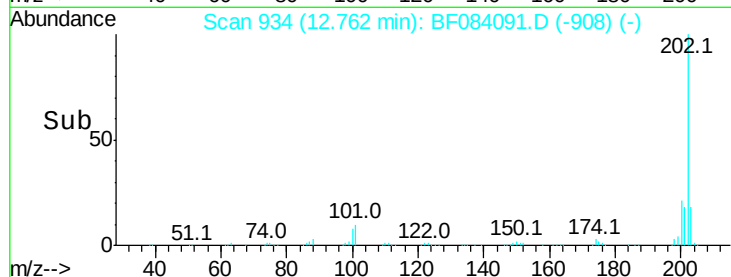
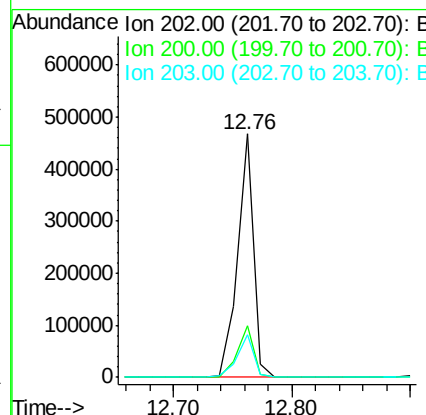
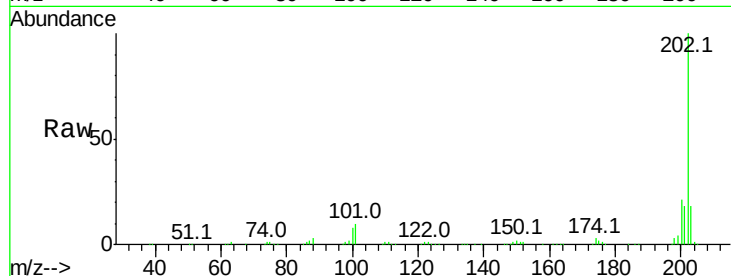
#77
Pvrene
Concen: 36.92 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.6	14.3	21.5

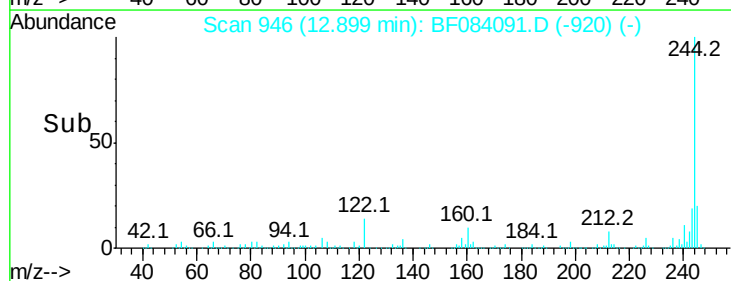
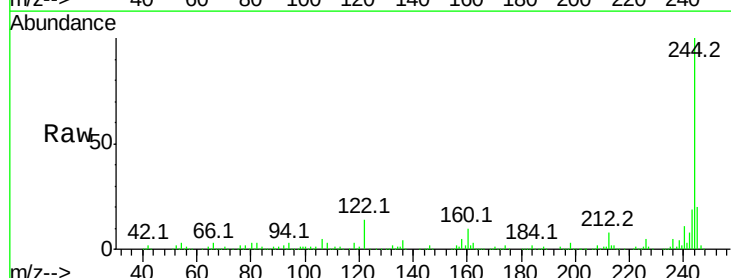
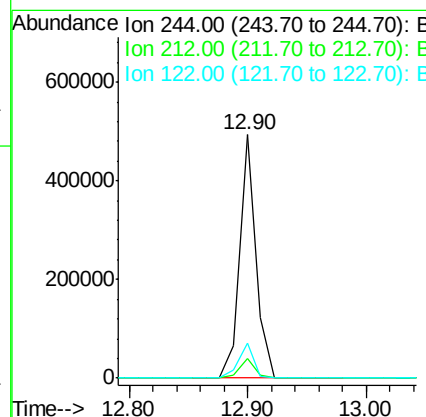
Manual Integrations
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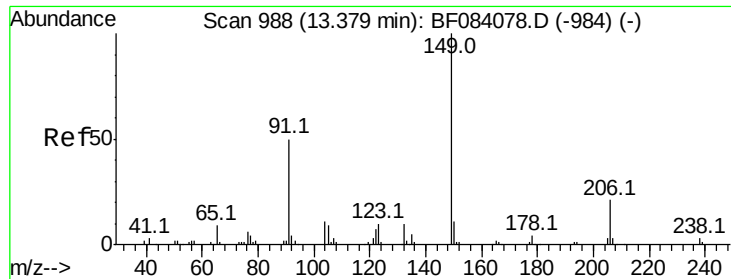
Sohil
12/28/2015 1:09:52 PM



#78
Terphenyl-d14
Concen: 62.23 ng
RT: 12.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.1	7.4	11.0





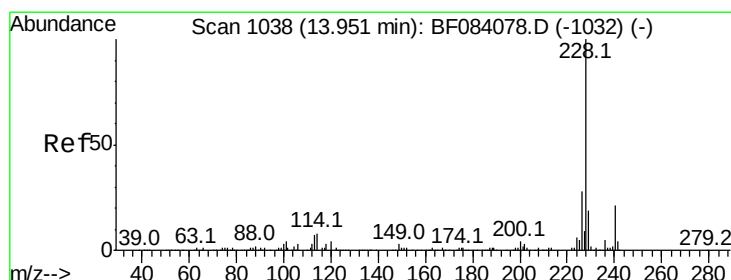
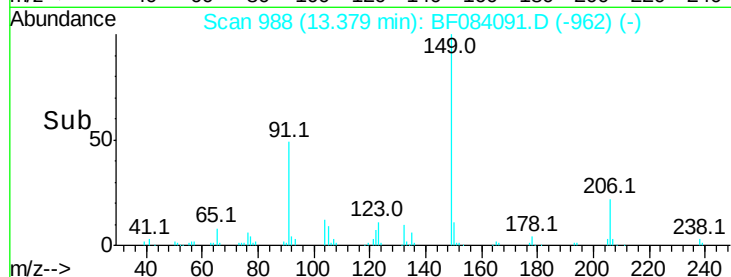
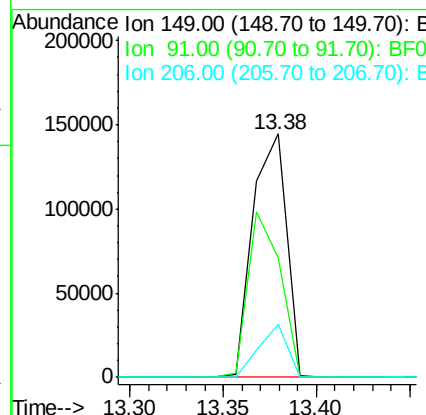
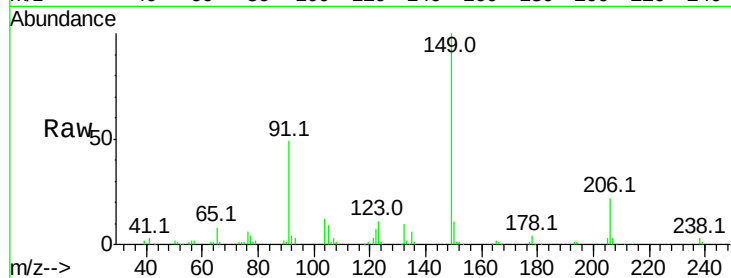
#79
Butylbenzylphthalate
Concen: 37.04 ng
RT: 13.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	49.2	57.6	86.4#
206	21.9	13.2	19.8#

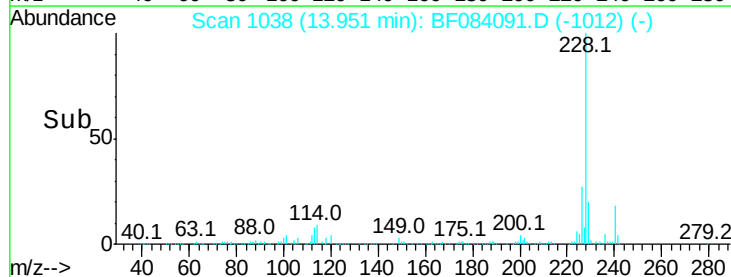
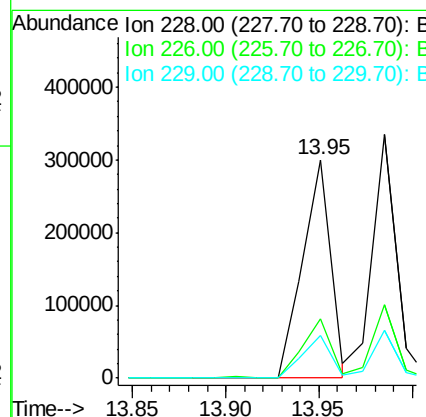
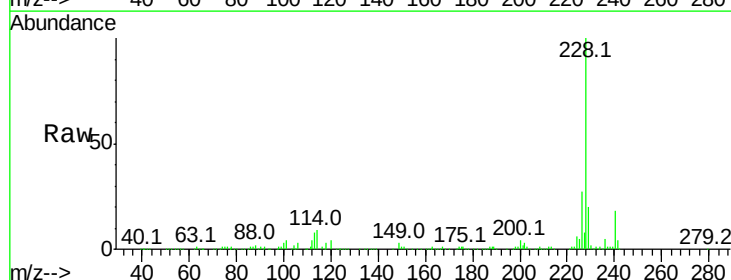
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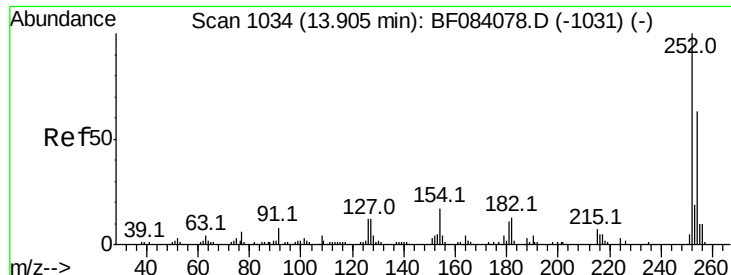
Sohil
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#80
Benzo(a)anthracene
Concen: 37.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.0	21.8	32.6
229	19.8	15.8	23.8





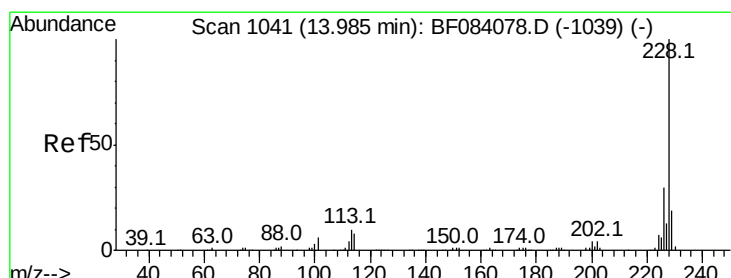
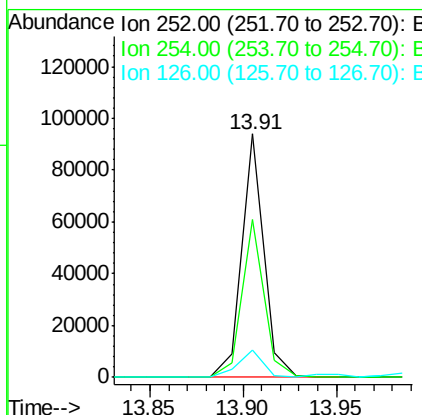
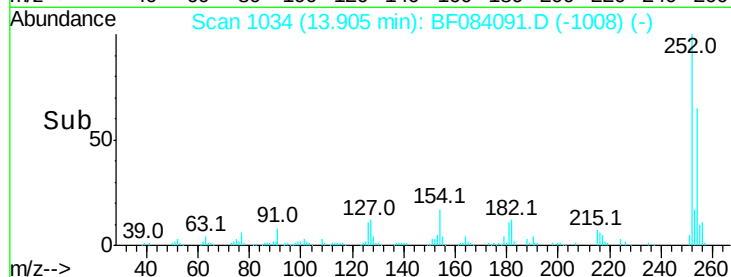
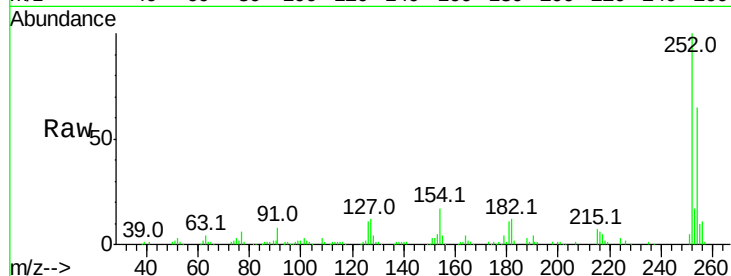
#81
 3,3'-Dichlorobenzidine
 Concen: 30.51 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	53.5	80.3
126	11.4	4.9	7.3

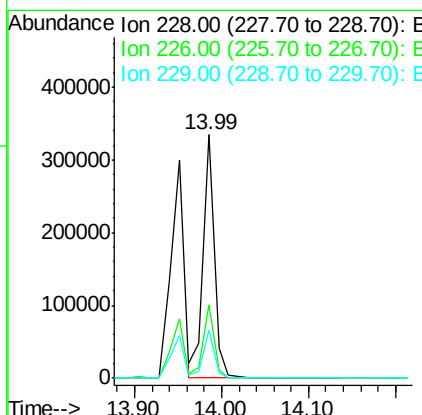
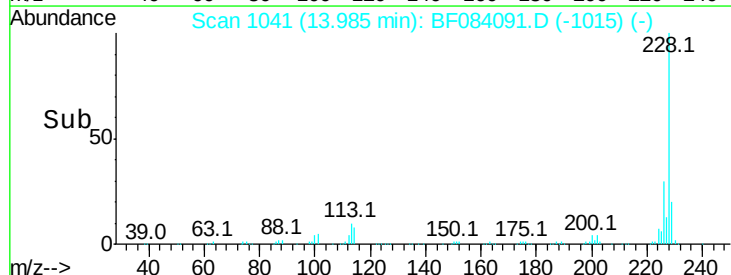
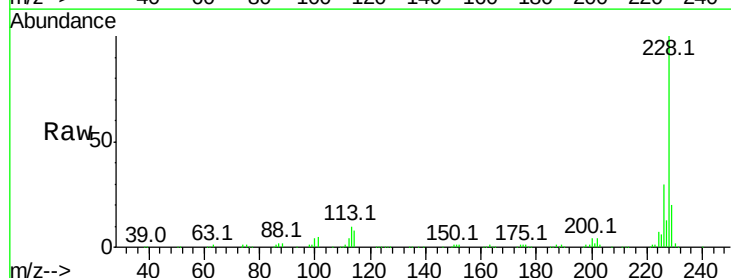
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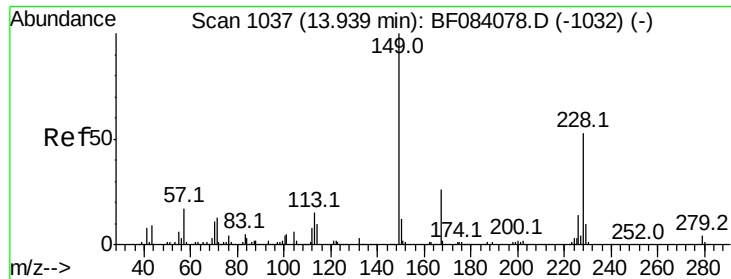
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#82
 Chrysene
 Concen: 38.23 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.5	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.20 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

Tot Ion:149 Resp: 247788

Ion Ratio Lower Upper

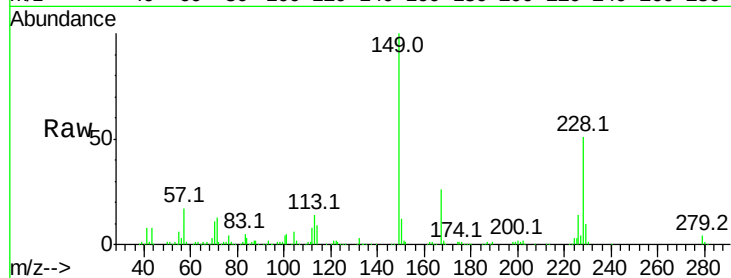
149 100

167 26.3 19.7 29.5

279 3.6 1.8 2.6#

Manual Integrations
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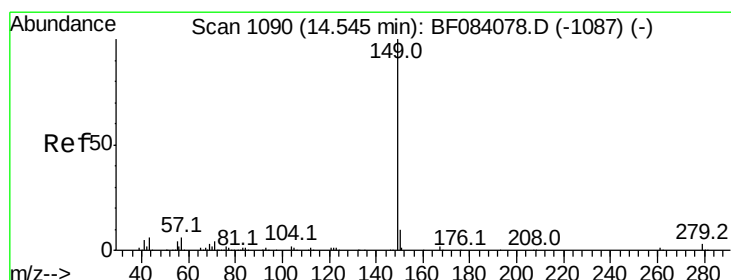
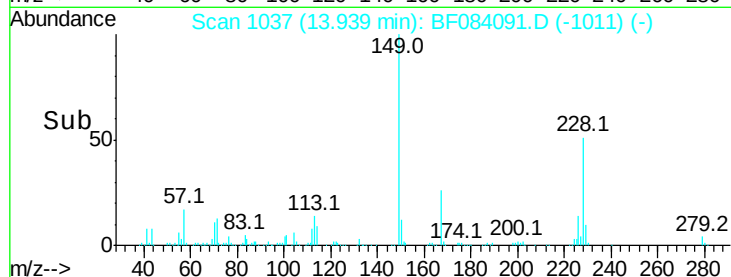
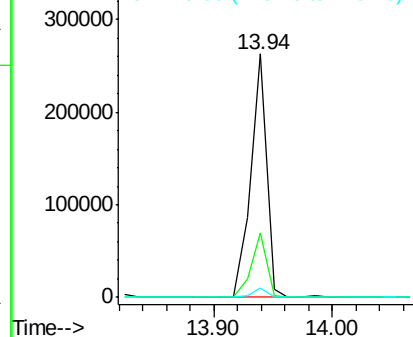
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.06 ng

RT: 14.55 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

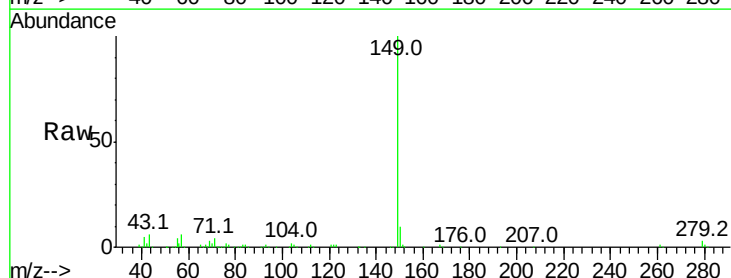
Tgt Ion:149 Resp: 356319

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

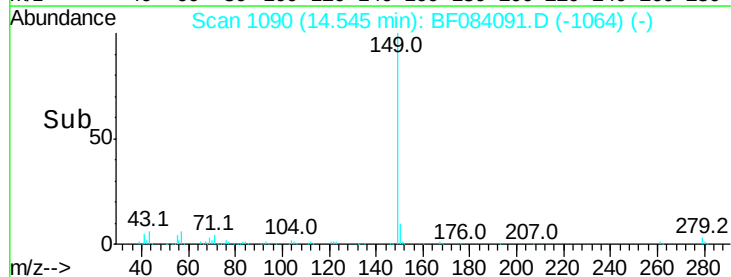
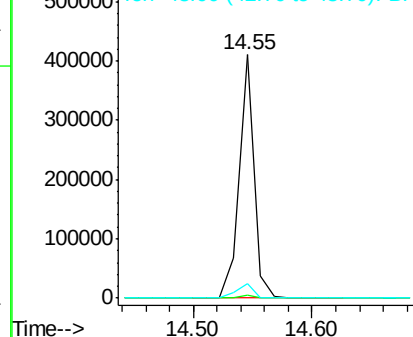
43 7.0 5.6 8.4

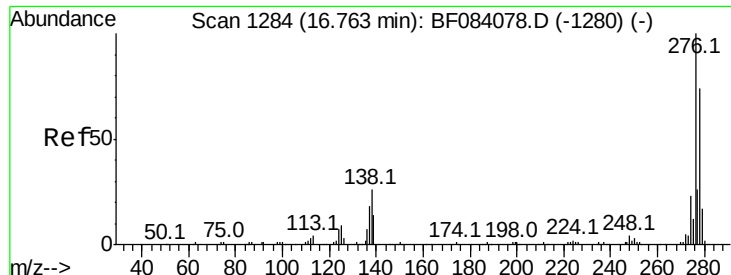


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





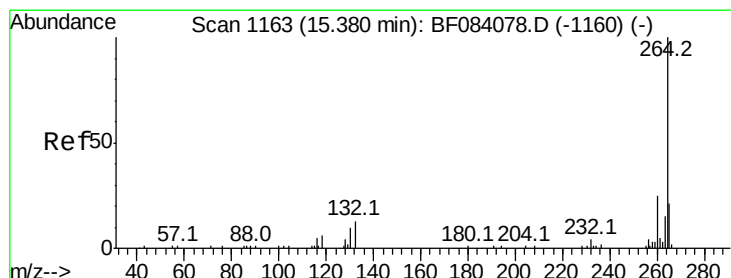
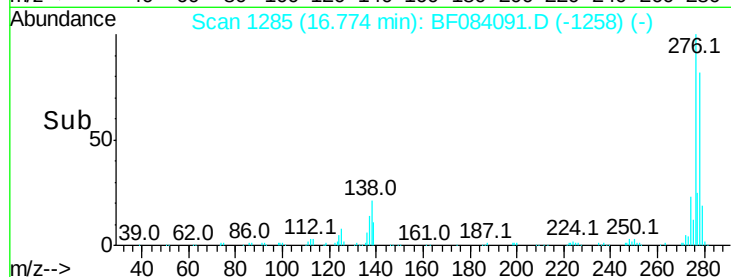
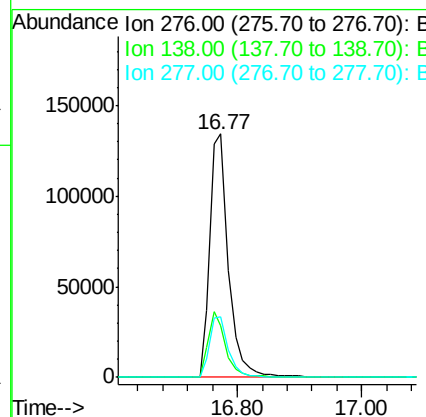
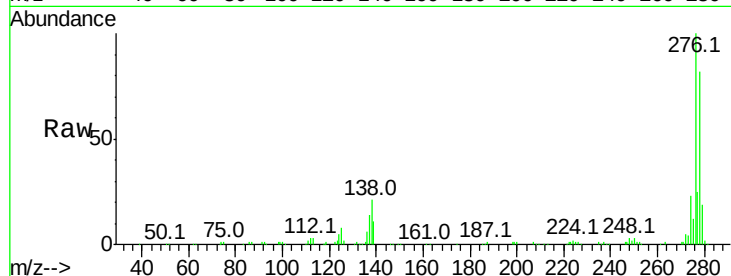
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.91 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	279441		
138	25.1		20.6	30.8
277	25.2		20.1	30.1

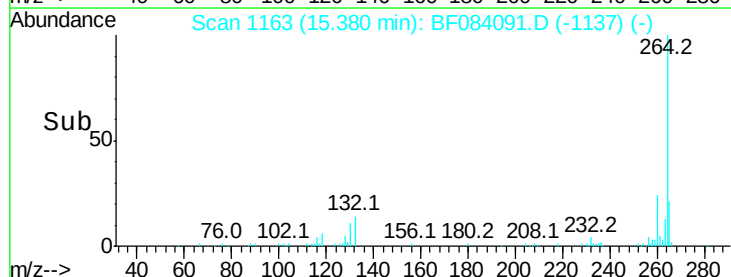
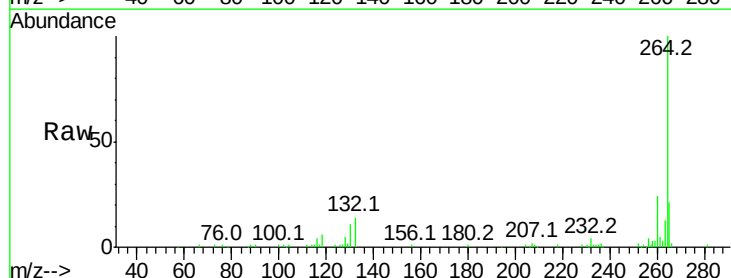
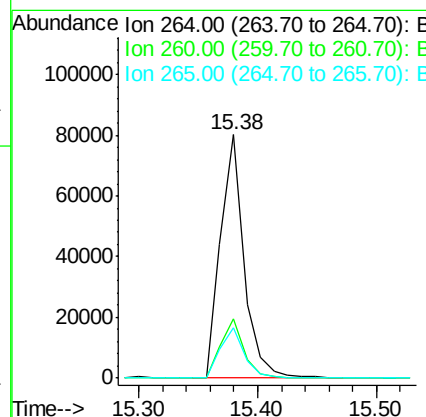
Manual Integrations
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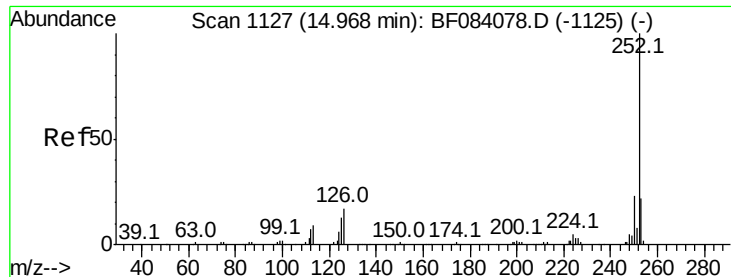
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	109308		
260	24.4		19.4	29.2
265	20.9		17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 36.12 ng m

RT: 14.98 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

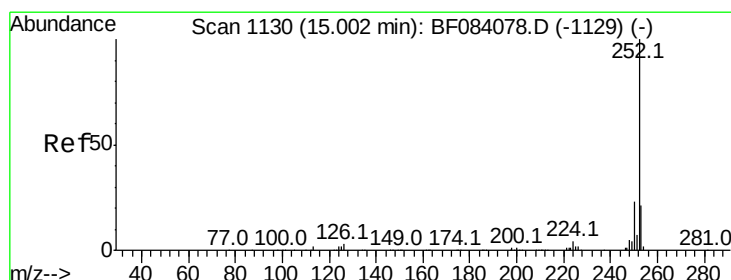
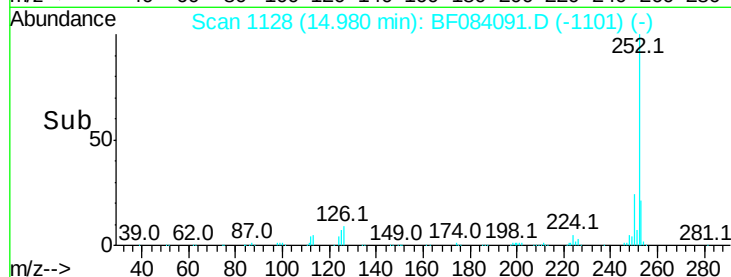
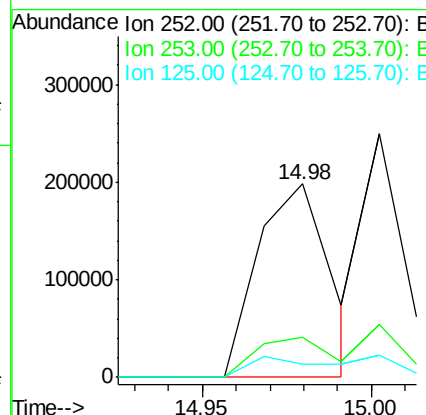
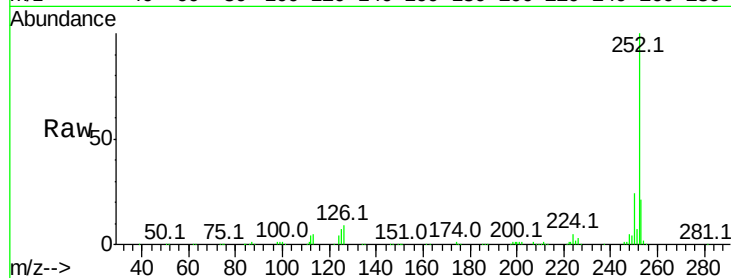
ClientSampleId :

PB87543BS

Tot Ion:	252	Resp:	293197
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.3	25.9
125	7.0	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 40.78 ng m

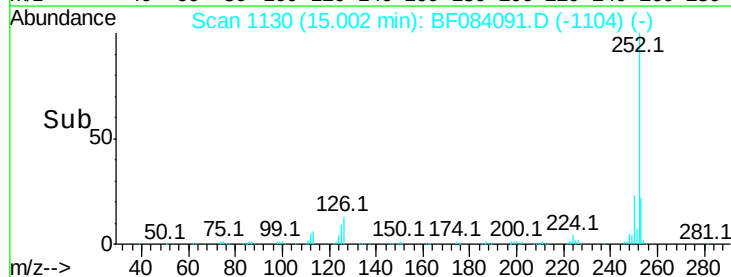
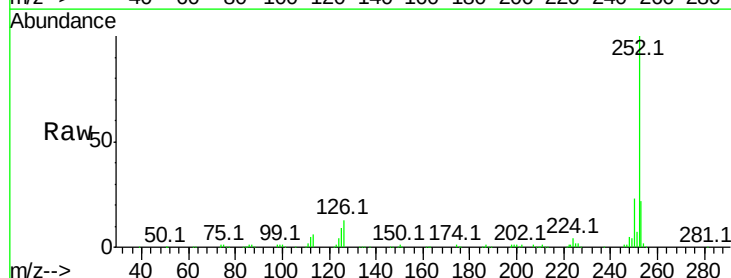
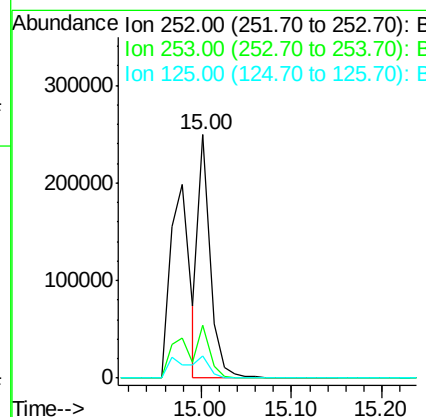
RT: 15.00 min Scan# 1130

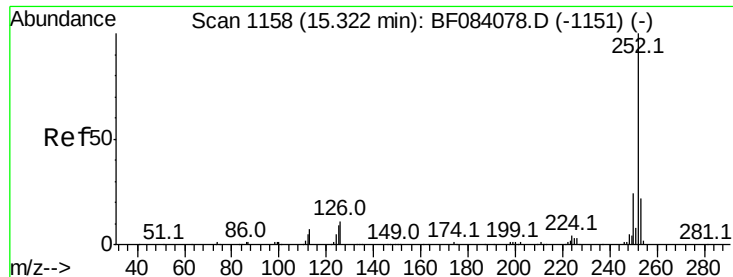
Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Tgt Ion:	252	Resp:	224324
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	8.9	9.0	13.6#





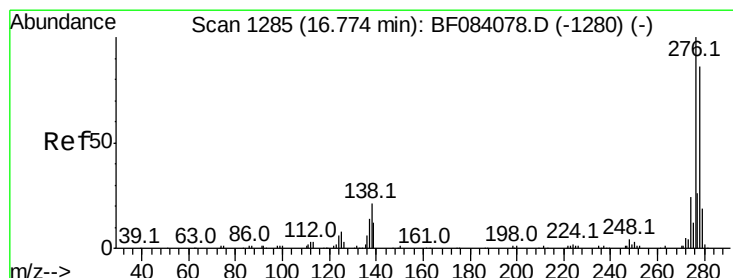
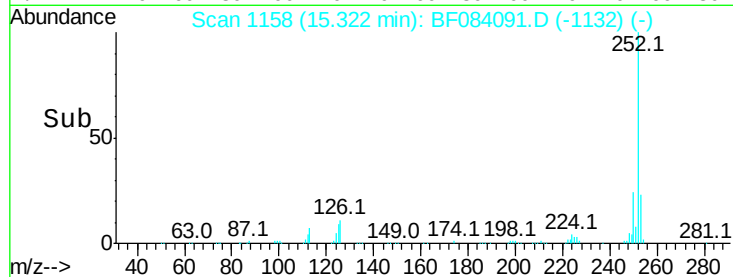
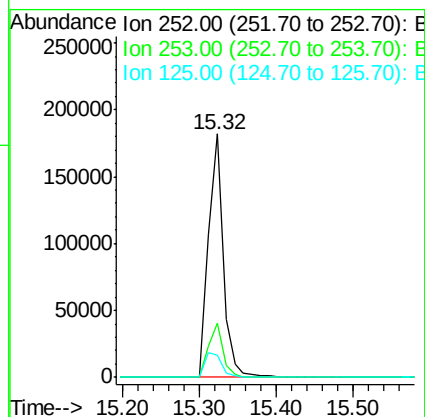
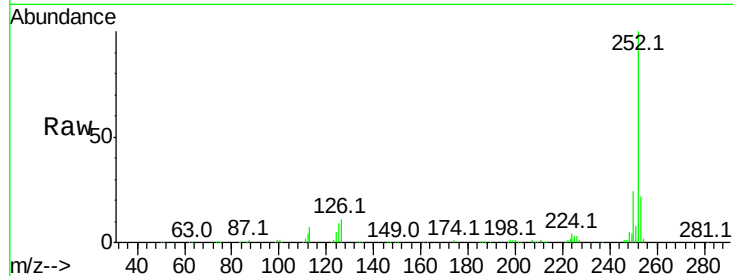
#89
Benzo(a)pyrene
Concen: 36.11 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.3	25.9
125	9.0	7.0	10.4

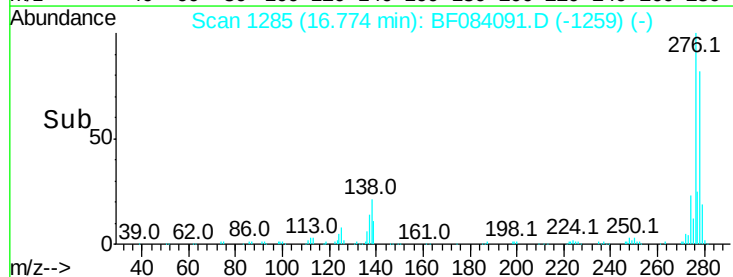
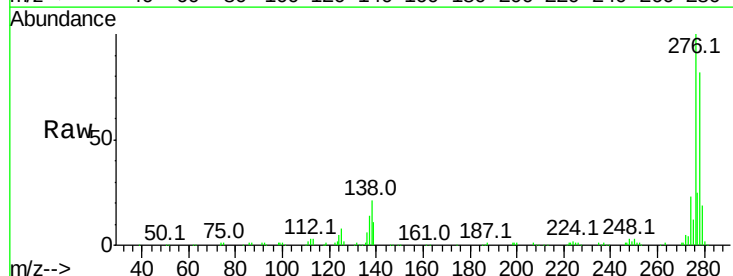
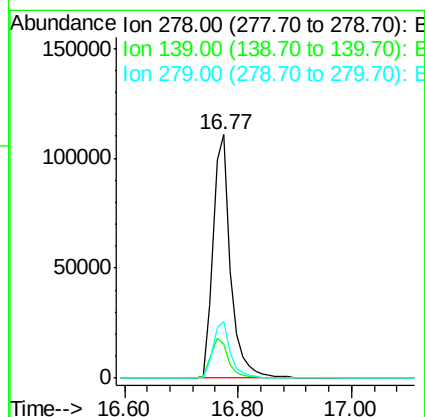
Manual Integrations
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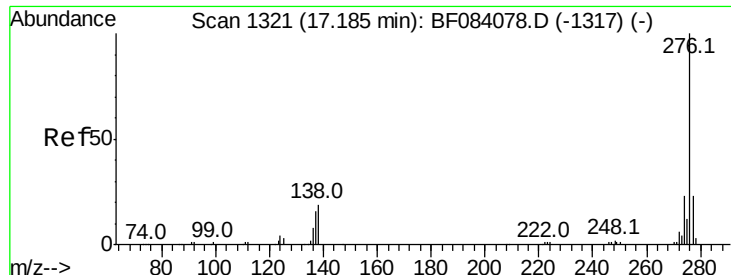
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 35.62 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	13.7	15.0	22.4#
279	23.3	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 36.19 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	19.6	17.8	26.6

Manual Integrations
 APPROVED

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 12/28/2015 1:09:52 PM

