

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
 Data File : BF085471.D
 Acq On : 16 Mar 2016 19:38
 Operator : UM/SJ
 Sample : PB88925BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Manual Integrations
 APPROVED

Sohil
 3/17/2016 5:20:02 PM

Quant Time: Mar 17 00:08:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139905	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	541459	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	260498	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	492538	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	376898	20.00	ng	-0.01
86) Perylene-d12	15.51	264	242998	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	975416	119.85	ng	0.00
7) Phenol-d6	6.54	99	1275468	120.81	ng	-0.01
23) Nitrobenzene-d5	7.46	82	849432	92.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	314121	130.92	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	1460109	97.24	ng	-0.01
78) Terphenyl-d14	13.02	244	1465250	87.95	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	140627	34.63	ng	98
3) Pyridine	3.36	79	357804	37.11	ng	97
4) n-Nitrosodimethylamine	3.29	42	176119	39.56	ng	97
6) Aniline	6.56	93	336463	23.09	ng	99
8) 2-Chlorophenol	6.69	128	406062	42.55	ng	98
9) Benzaldehyde	6.45	77	84848	14.39	ng	94
10) Phenol	6.55	94	538100	45.47	ng	97
11) bis(2-Chloroethyl)ether	6.64	93	401797	44.15	ng	98
12) 1,3-Dichlorobenzene	6.85	146	419450	39.66	ng	98
13) 1,4-Dichlorobenzene	6.92	146	410319	38.73	ng	99
14) 1,2-Dichlorobenzene	7.08	146	410626	44.17	ng	97
15) Benzyl Alcohol	7.04	79	324833	43.08	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	491098	39.63	ng	97
17) 2-Methylphenol	7.16	107	320644	40.14	ng	95
18) Hexachloroethane	7.42	117	160611	41.33	ng	96
19) n-Nitroso-di-n-propylamine	7.32	70	248532	39.31	ng	# 91
20) 3+4-Methylphenols	7.32	107	408877	47.74	ng	# 78
22) Acetophenone	7.32	105	507958	38.28	ng	# 96
24) Nitrobenzene	7.49	77	435415	42.20	ng	96
25) Isophorone	7.73	82	780605	41.80	ng	98
26) 2-Nitrophenol	7.81	139	233612	47.26	ng	# 88
27) 2,4-Dimethylphenol	7.84	122	379733	43.19	ng	95
28) bis(2-Chloroethoxy)methane	7.94	93	473959	42.45	ng	# 97
29) 2,4-Dichlorophenol	8.05	162	334184	46.85	ng	93
30) 1,2,4-Trichlorobenzene	8.13	180	328511	39.86	ng	98
31) Naphthalene	8.21	128	1099470	41.56	ng	99
32) Benzoic acid	7.96	122	182933	36.18	ng	98
33) 4-Chloroaniline	8.25	127	115721	10.17	ng	96
34) Hexachlorobutadiene	8.33	225	183737	42.65	ng	99
35) Caprolactam	8.63	113	113670m	48.81	ng	
36) 4-Chloro-3-methylphenol	8.74	107	358264	43.99	ng	99
37) 2-Methylnaphthalene	8.90	142	795988	47.51	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	306586	37.84	ng	98
40) Hexachlorocyclopentadiene	9.05	237	328051	83.78	ng	99

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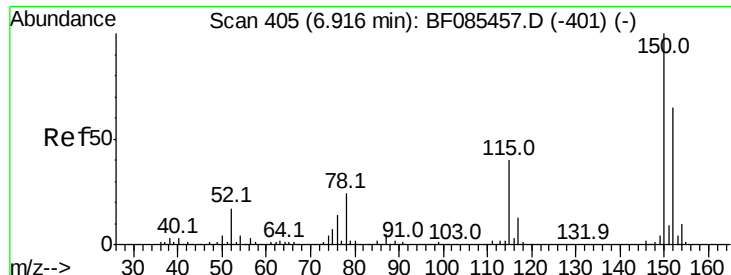
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	221776	41.45	nq	95
43) 2,4,5-Trichlorophenol	9.22	196	234639	43.41	nq	98
45) 1,1'-Biphenyl	9.37	154	909514	42.77	nq	94
46) 2-Chloronaphthalene	9.40	162	712654	44.73	nq	97
47) 2-Nitroaniline	9.49	65	221830	45.98	nq	87
48) Acenaphthylene	9.81	152	1077807	41.82	nq	99
49) Dimethylphthalate	9.67	163	823257	43.32	nq	100
50) 2,6-Dinitrotoluene	9.73	165	163896	39.03	nq	# 81
51) Acenaphthene	9.98	154	717107	44.26	nq	98
52) 3-Nitroaniline	9.90	138	112409	22.39	nq	100
53) 2,4-Dinitrophenol	10.01	184	160031	70.49	nq	# 29
54) Dibenzofuran	10.15	168	910334	45.73	nq	99
55) 4-Nitrophenol	10.07	139	337110	97.55	nq	85
56) 2,4-Dinitrotoluene	10.14	165	277058	52.61	nq	# 82
57) Fluorene	10.49	166	706800	44.53	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	174073	46.91	nq	97
59) Diethylphthalate	10.37	149	793861	43.15	nq	96
60) 4-Chlorophenyl-phenylether	10.48	204	326654	40.05	nq	93
61) 4-Nitroaniline	10.52	138	213409	45.21	nq	96
62) Azobenzene	10.64	77	855982	46.85	nq	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	111072	37.75	nq	# 36
65) n-Nitrosodiphenylamine	10.61	169	684077	45.07	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	203074	40.74	nq	92
67) Hexachlorobenzene	11.04	284	213346	41.48	nq	# 84
68) Atrazine	11.13	200	228590	52.63	nq	97
69) Pentachlorophenol	11.24	266	231739	85.00	nq	99
70) Phenanthrene	11.45	178	1035619	40.37	nq	99
71) Anthracene	11.51	178	1216312	46.55	nq	99
72) Carbazole	11.66	167	955792	43.23	nq	99
73) Di-n-butylphthalate	11.99	149	1286657	46.98	nq	99
74) Fluoranthene	12.64	202	1146669	47.55	nq	99
76) Benzidine	12.76	184	341733	29.19	nq	98
77) Pyrene	12.87	202	1122997	39.73	nq	100
79) Butylbenzylphthalate	13.49	149	558713	45.20	nq	# 82
80) Benzo(a)anthracene	14.06	228	891110	41.24	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	88412	12.09	nq	98
82) Chrysene	14.09	228	809506	41.65	nq	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	699331	46.38	nq	# 97
84) Di-n-octyl phthalate	14.65	149	1047081	47.57	nq	98
85) Indeno(1,2,3-cd)pyrene	16.95	276	668497	36.28	nq	97
87) Benzo(b)fluoranthene	15.09	252	772567	48.68	nq	99
88) Benzo(k)fluoranthene	15.12	252	540822m	43.51	nq	
89) Benzo(a)pyrene	15.45	252	614728	44.84	nq	99
90) Dibenzo(a,h)anthracene	16.96	278	559857	41.80	nq	98
91) Benzo(g,h,i)perylene	17.39	276	576794	42.17	nq	97

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



#1

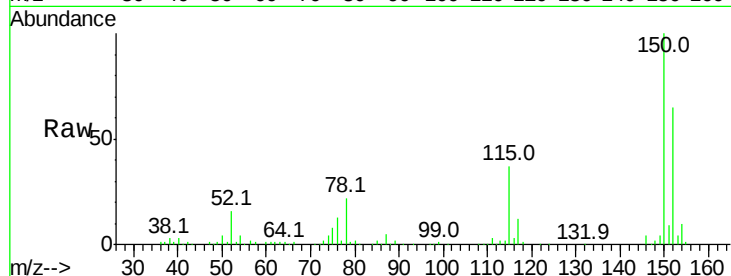
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
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PB88925BS

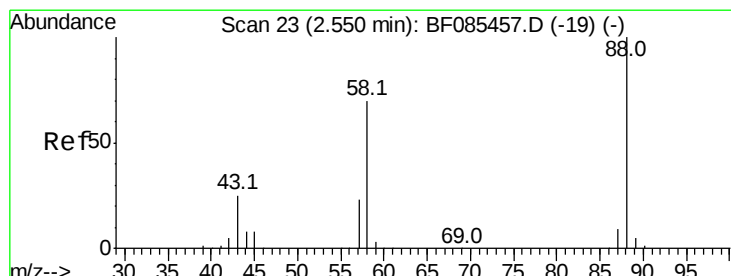
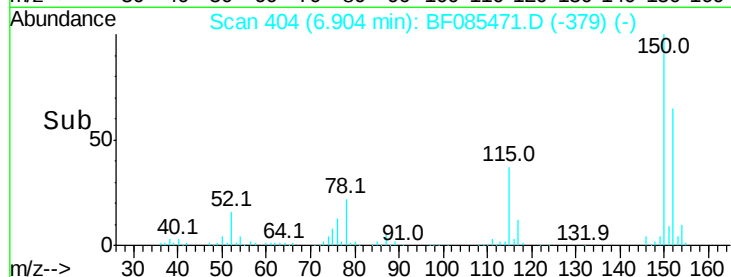
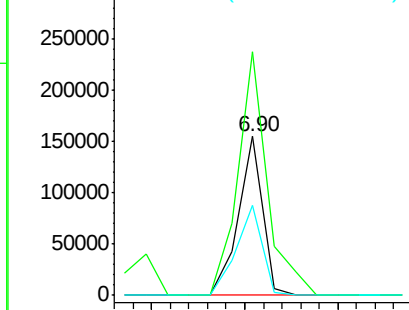
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	56.9	46.6	70.0

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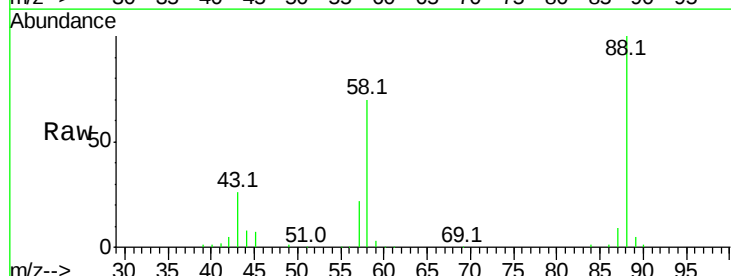
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



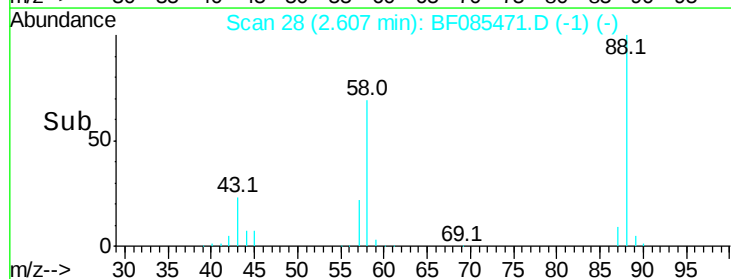
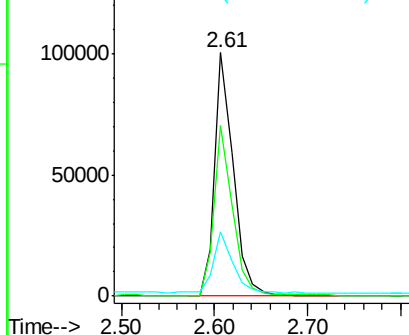
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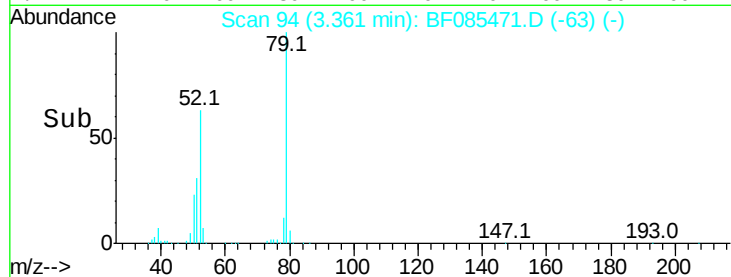
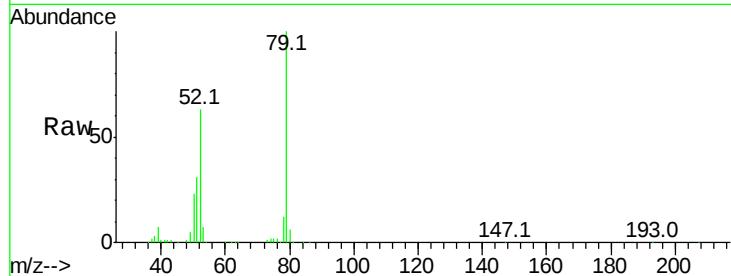
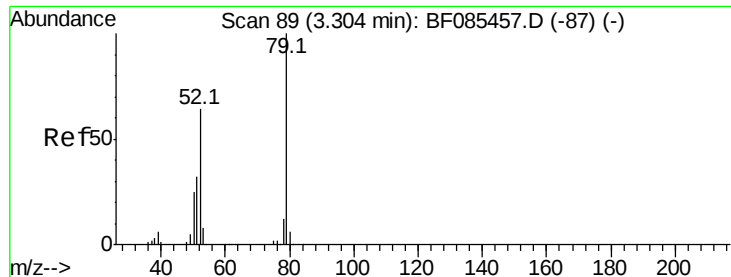
1,4-Dioxane
Concen: 34.63 ng
RT: 2.61 min Scan# 28
Delta R.T. 0.06 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	57.0	85.6
43	27.8	20.5	30.7



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





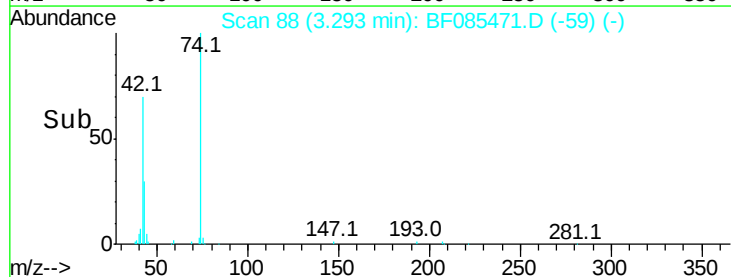
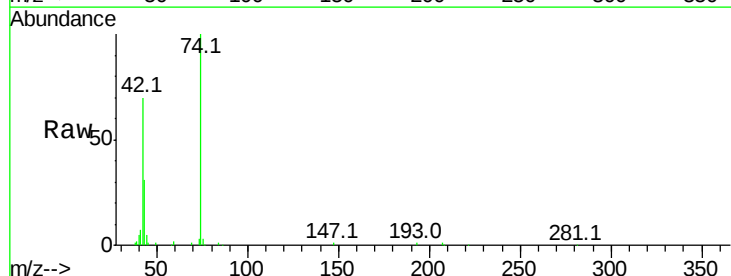
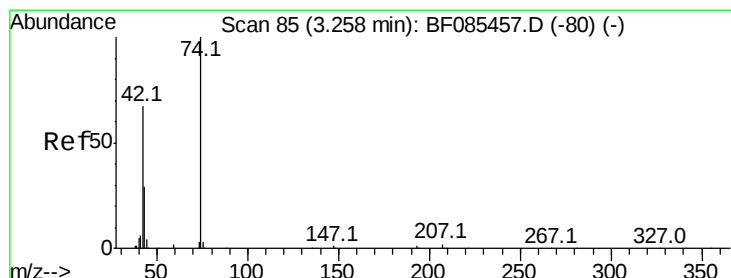
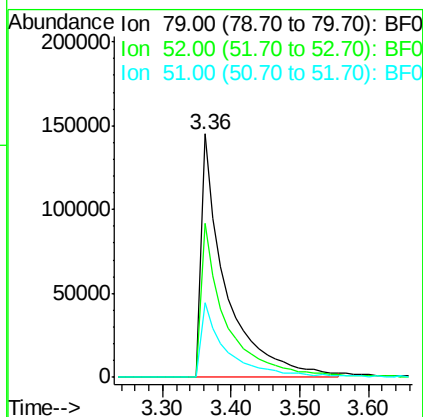
#3
Pvridine
Concen: 37.11 ng
RT: 3.36 min Scan# 94
Delta R.T. 0.06 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.5	52.6	79.0
51	30.7	25.8	38.8

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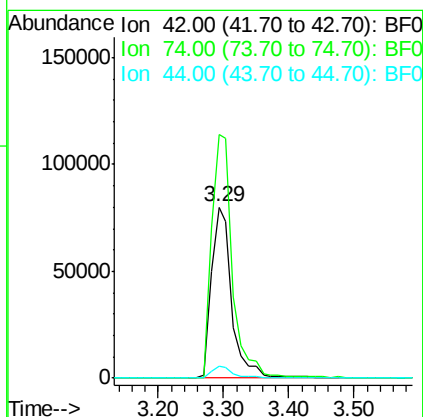
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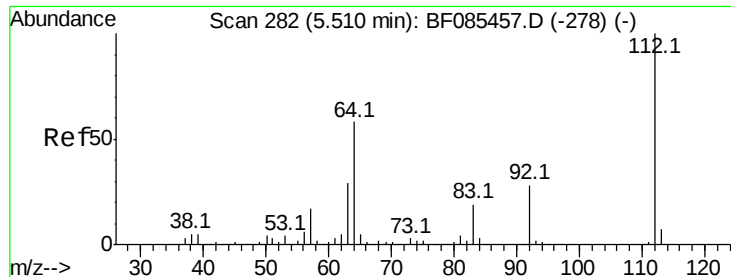
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#4
n-Nitrosodimethylamine
Concen: 39.56 ng
RT: 3.29 min Scan# 88
Delta R.T. 0.03 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.3	116.8	175.2
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 119.85 ng

RT: 5.51 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

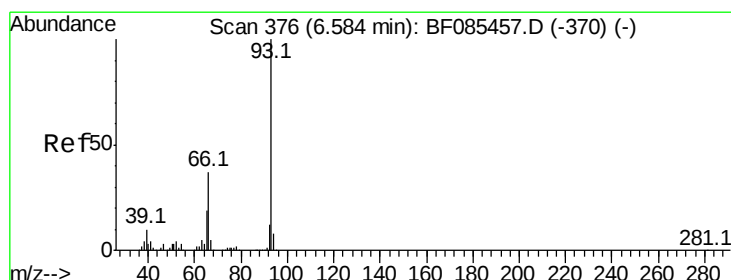
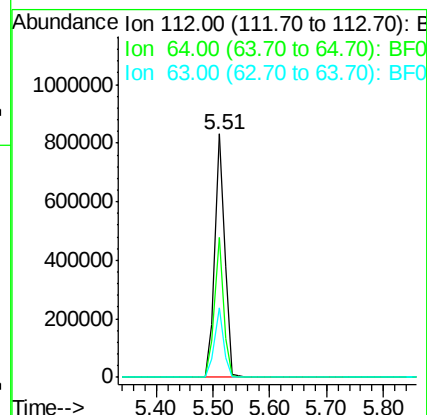
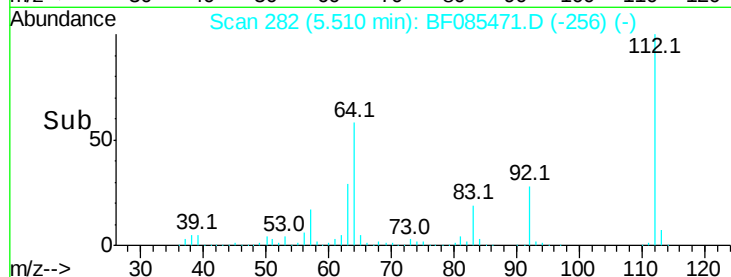
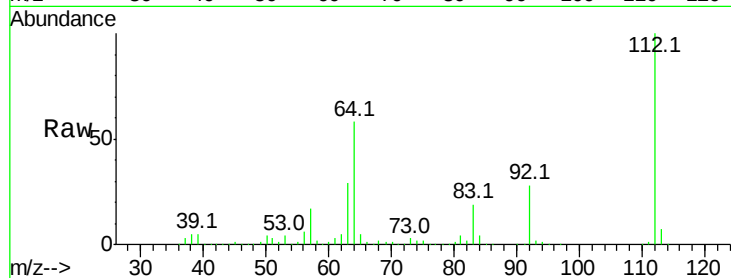
ClientSampleId :

PB88925BS

Tot Ion:	112	Resp:	975416
Ion Ratio	Lower	Upper	
112	100		
64	57.6	49.0	73.4
63	28.8	24.8	37.2

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#6

Aniline

Concen: 23.09 ng

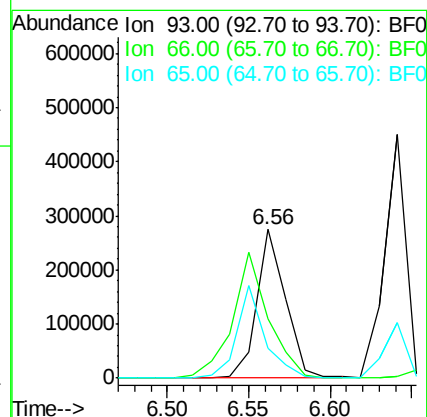
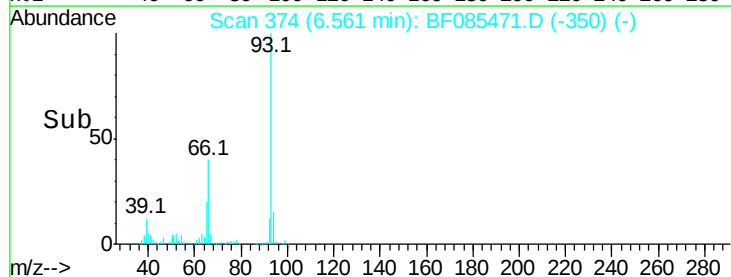
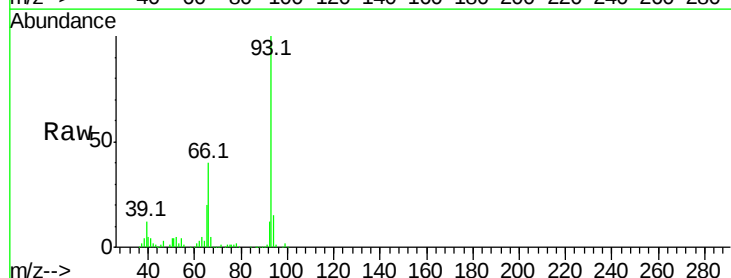
RT: 6.56 min Scan# 374

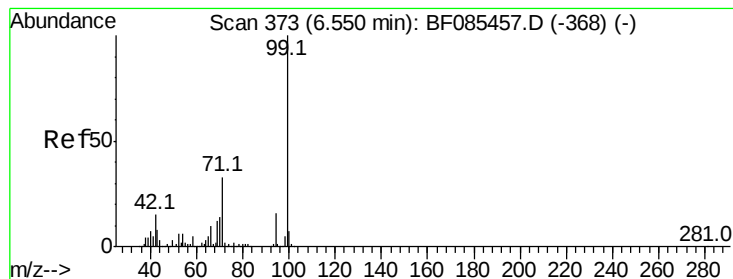
Delta R.T. -0.02 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion:	93	Resp:	336463
Ion Ratio	Lower	Upper	
93	100		
66	39.9	31.6	47.4
65	20.2	15.8	23.8





#7

Phenol-d6

Concen: 120.81 ng

RT: 6.54 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

Tot Ion: 99 Resp: 1275468

Ion Ratio Lower Upper

99 100

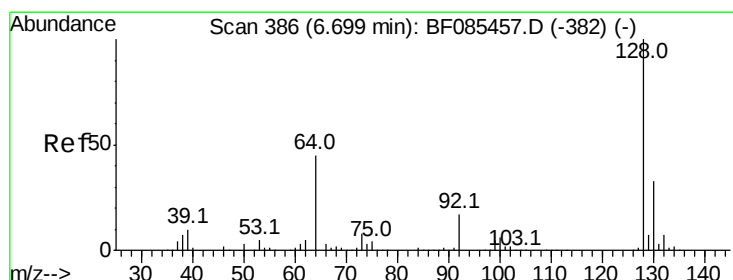
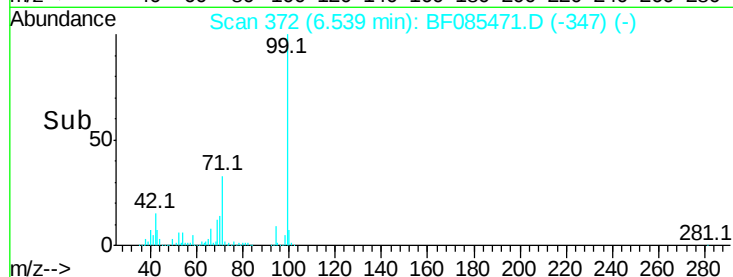
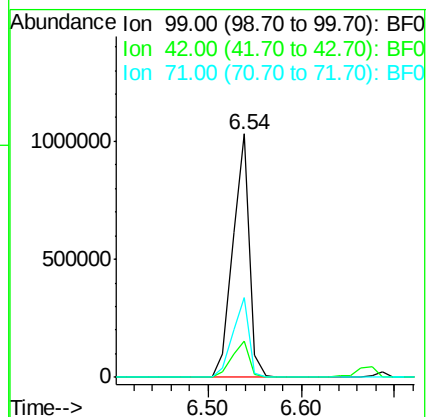
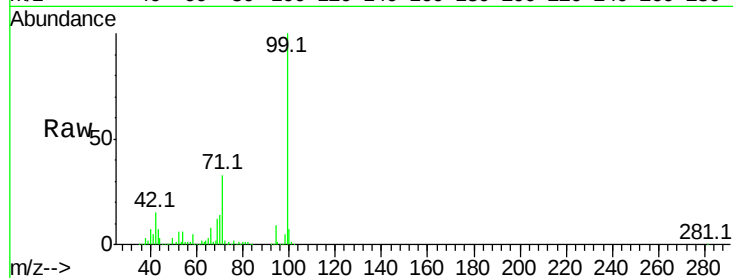
42 15.0 13.6 20.4

71 32.6 26.7 40.1

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#8

2-Chlorophenol

Concen: 42.55 ng

RT: 6.69 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

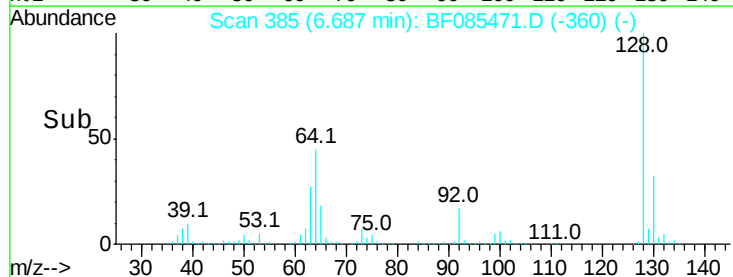
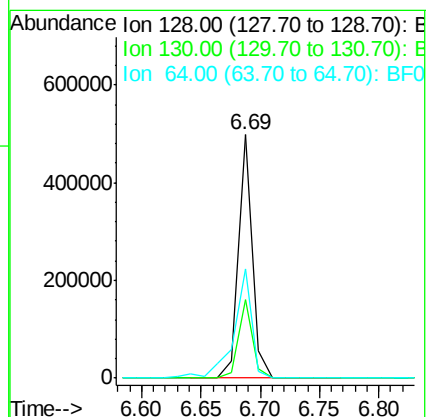
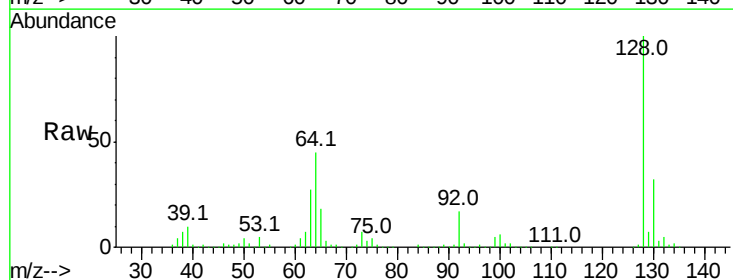
Tgt Ion: 128 Resp: 406062

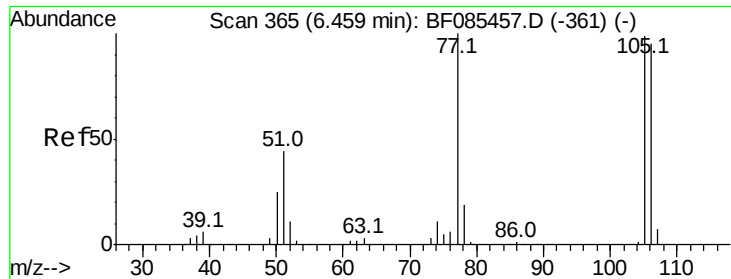
Ion Ratio Lower Upper

128 100

130 32.1 13.3 53.3

64 44.7 25.7 65.7





#9

Benzaldehyde

Concen: 14.39 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

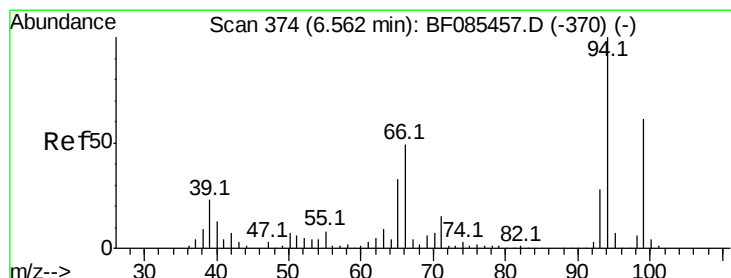
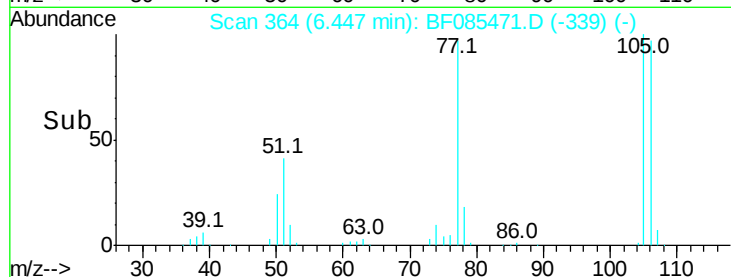
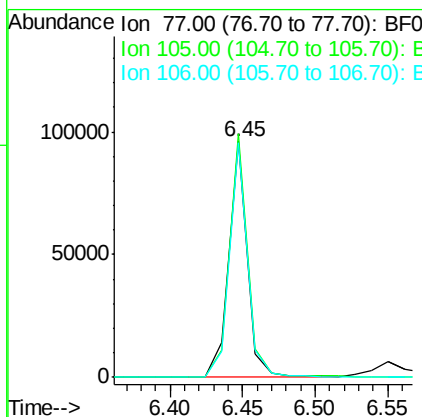
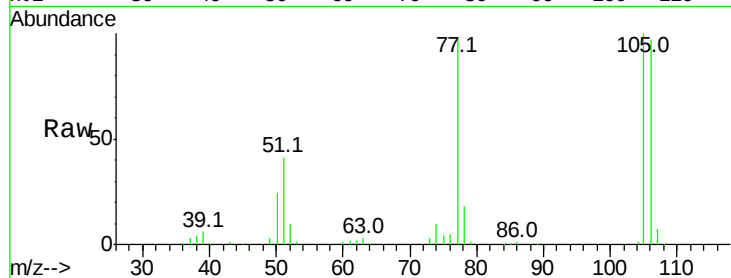
ClientSampled :

PB88925BS

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Tot Ion:	77	Resp:	84848
Ion	Ratio	Lower	Upper
77	100		
105	103.4	78.2	118.2
106	99.8	72.9	112.9



#10

Phenol

Concen: 45.47 ng

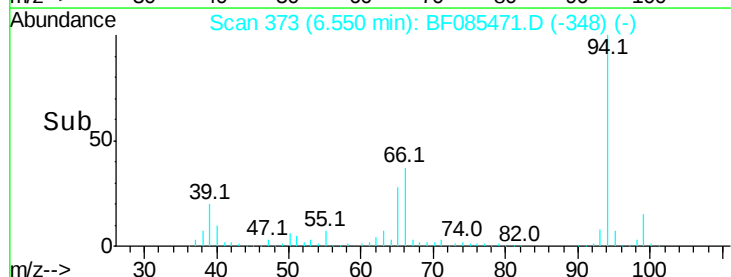
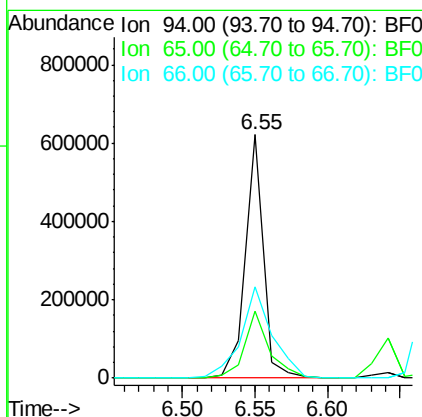
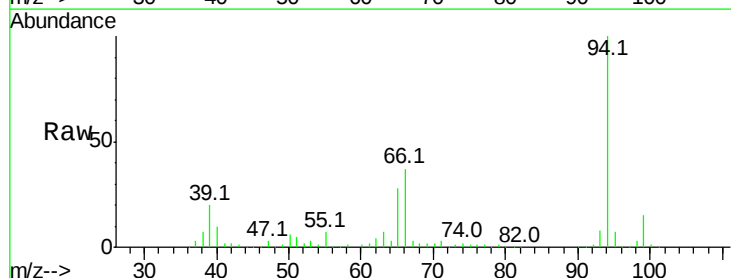
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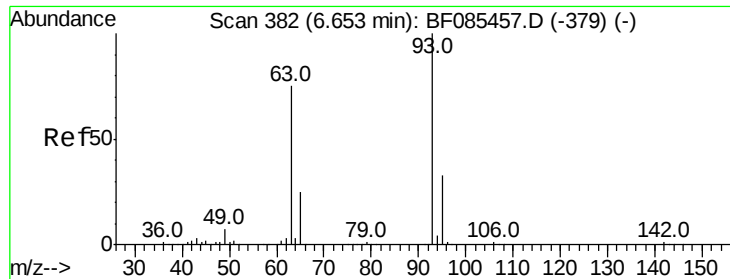
Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion:	94	Resp:	538100
Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.1	49.1
66	37.3	19.3	59.3





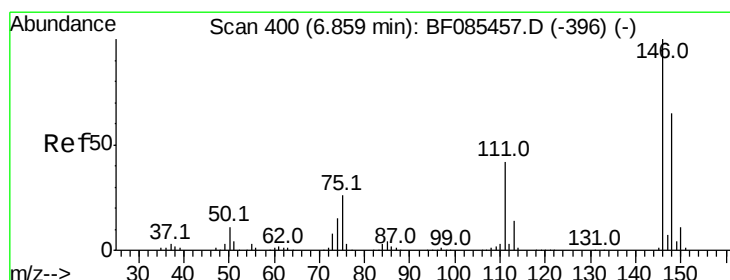
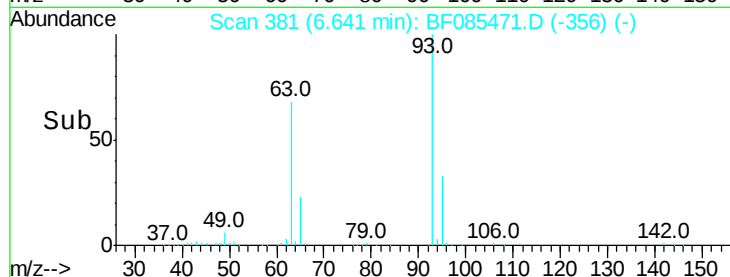
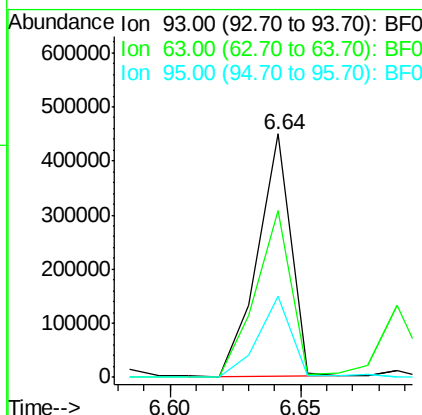
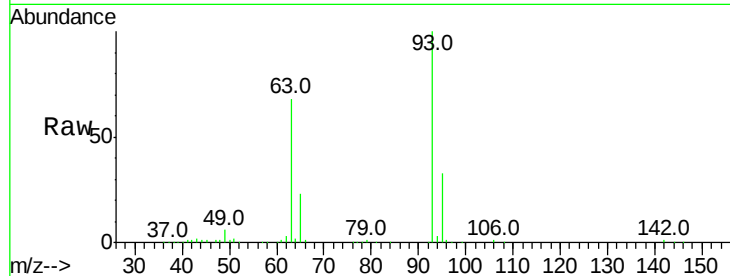
#11
bis(2-Chloroethyl)ether
Concen: 44.15 ng
RT: 6.64 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tot Ion:	93	Resp:	401797
Ion Ratio	Lower	Upper	
93	100		
63	68.3	50.9	90.9
95	33.4	13.7	53.7

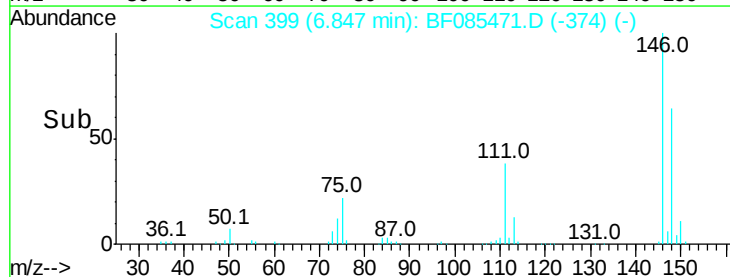
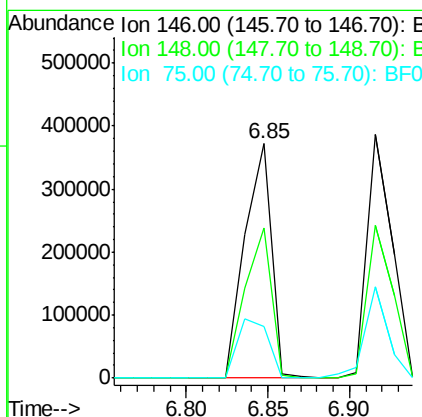
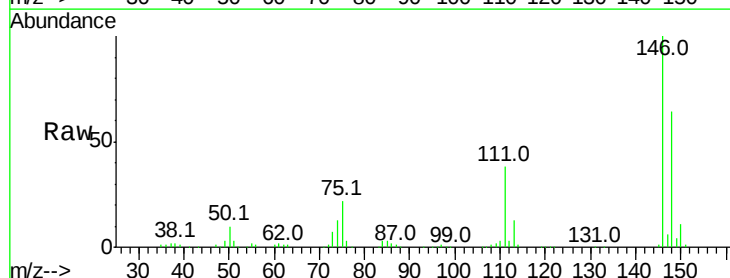
Manual Integrations
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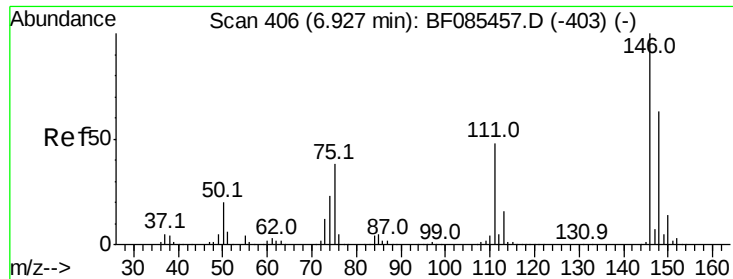
Sohil
3/17/2016 5:20:02 PM



#12
1,3-Dichlorobenzene
Concen: 39.66 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion:	146	Resp:	419450
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.1	78.1
75	22.3	19.5	29.3





#13

1,4-Dichlorobenzene

Concen: 38.73 ng

RT: 6.92 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

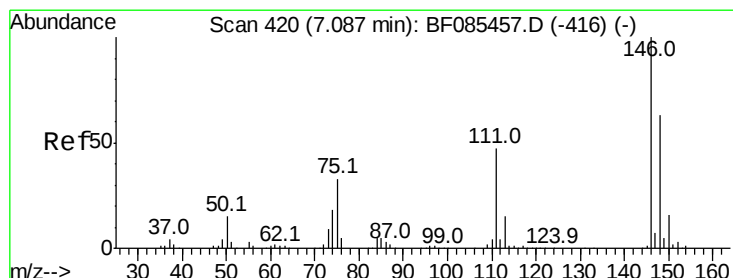
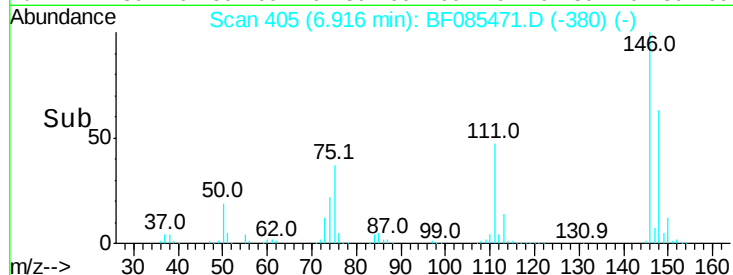
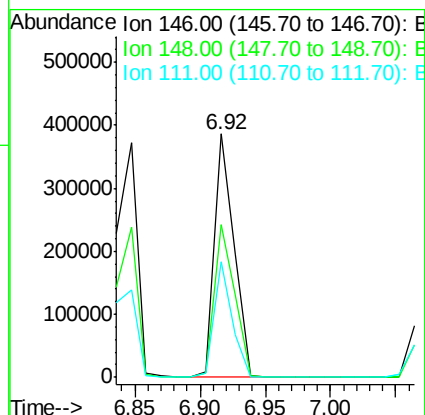
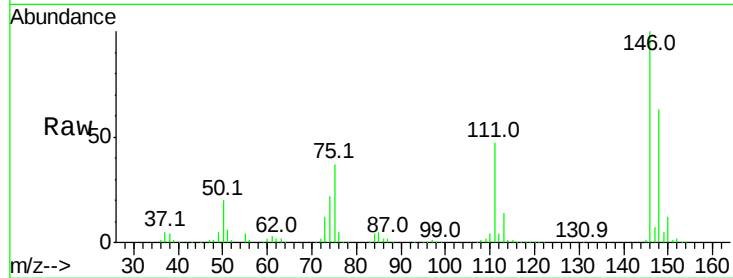
ClientSampleId :

PB88925BS

Tot Ion:	146	Resp:	410319
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.3	76.9
111	47.3	38.4	57.6

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#14

1,2-Dichlorobenzene

Concen: 44.17 ng

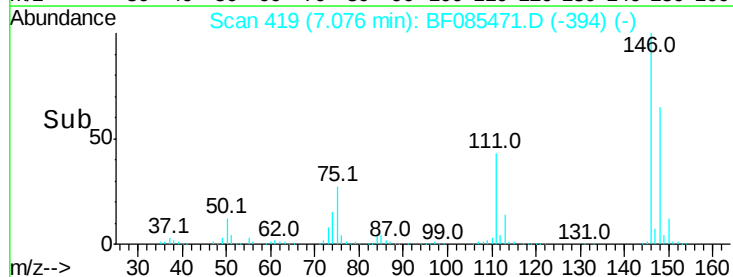
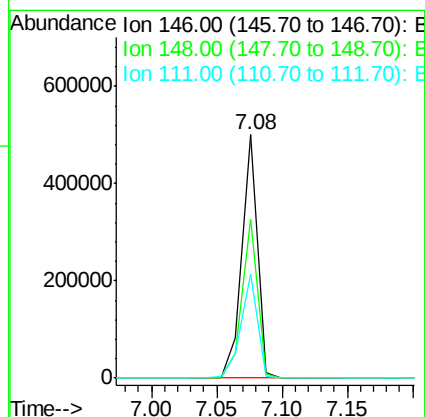
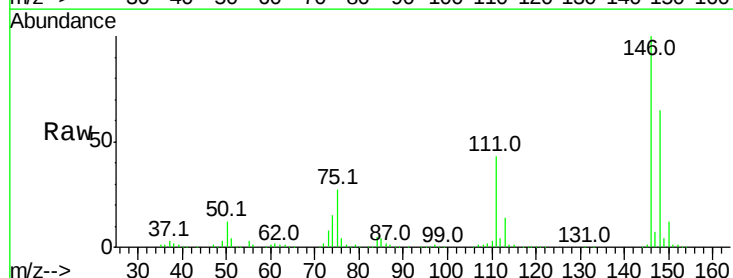
RT: 7.08 min Scan# 419

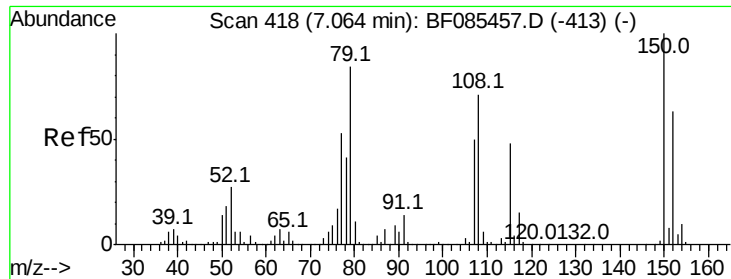
Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion:	146	Resp:	410626
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.4	77.2
111	42.6	36.7	55.1





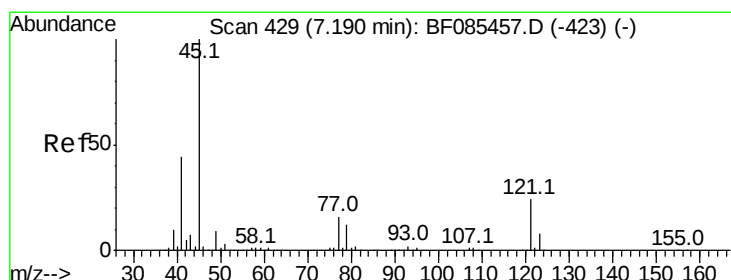
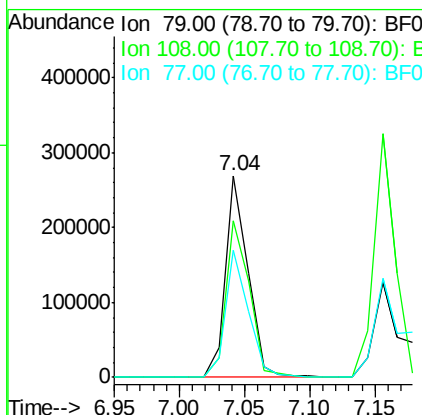
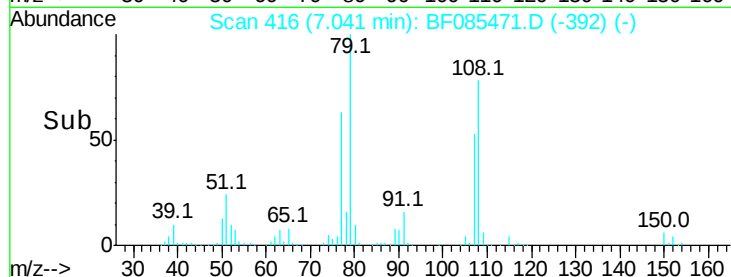
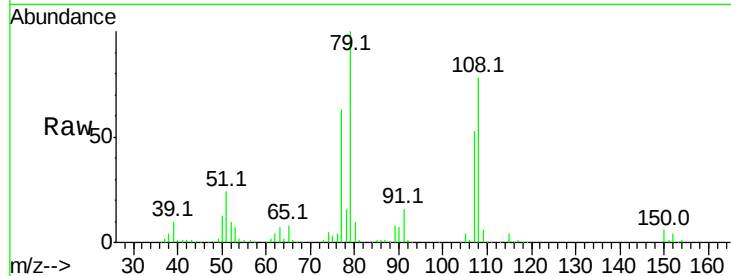
#15
Benzyl Alcohol
Concen: 43.08 ng
RT: 7.04 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tot Ion: 79 Resp: 324833
Ion Ratio Lower Upper
79 100
108 77.6 62.9 94.3
77 62.9 49.5 74.3

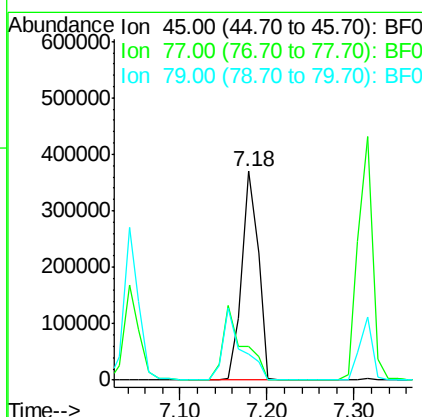
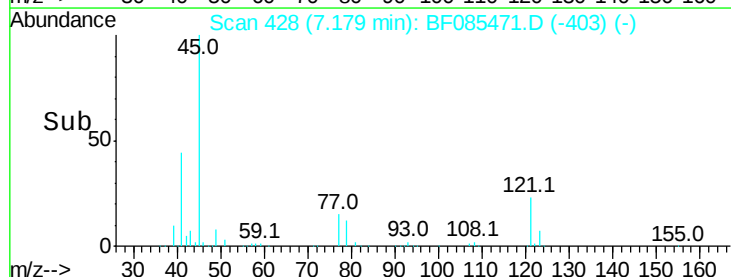
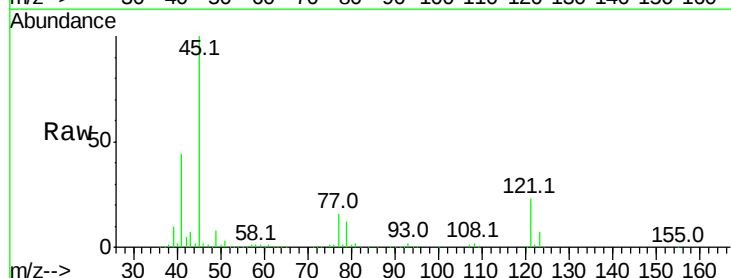
Manual Integrations
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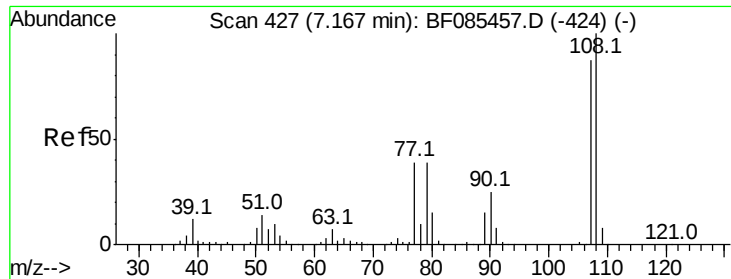
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.63 ng
RT: 7.18 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion: 45 Resp: 491098
Ion Ratio Lower Upper
45 100
77 16.1 0.0 35.1
79 12.4 0.0 31.3





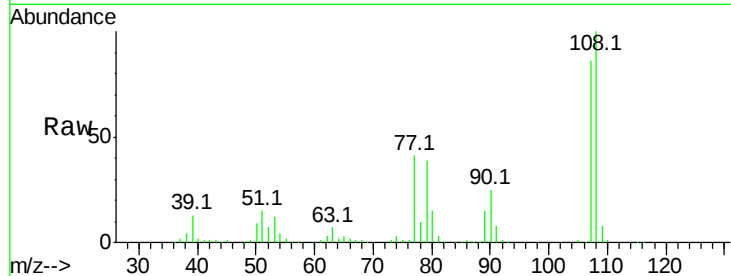
#17
2-Methylphenol
Concen: 40.14 ng
RT: 7.16 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

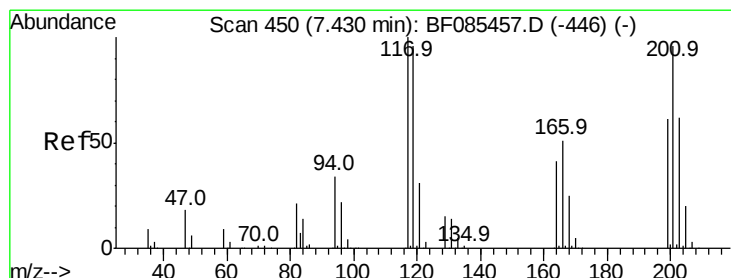
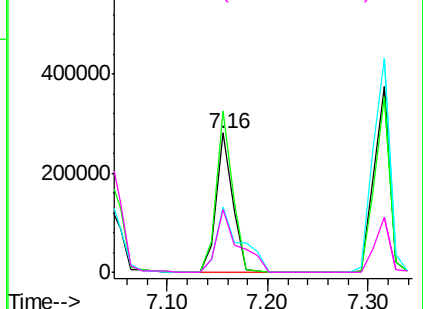
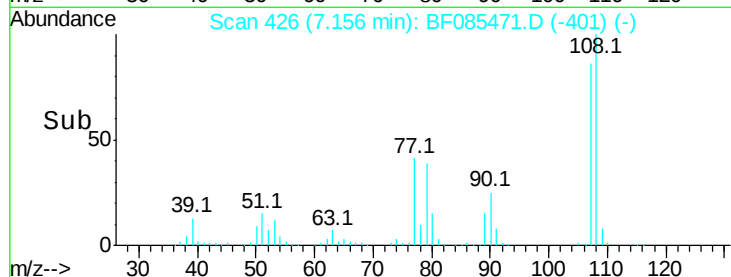
Tot Ion:	107	Resp:	320644
Ion Ratio	Lower	Upper	
107	100		
108	115.9	90.9	136.3
77	47.3	32.6	48.8
79	45.4	32.8	49.2

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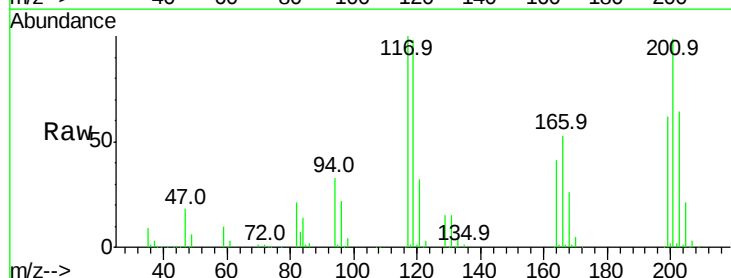


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

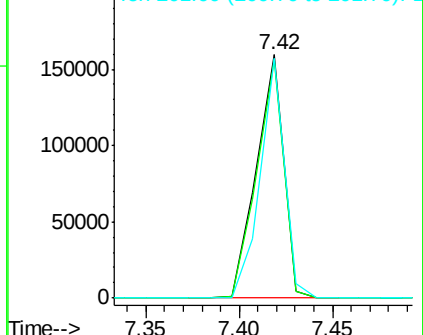
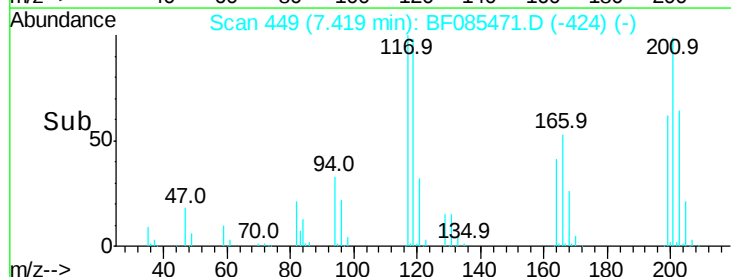


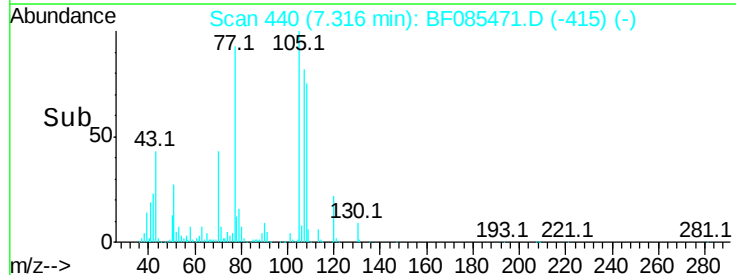
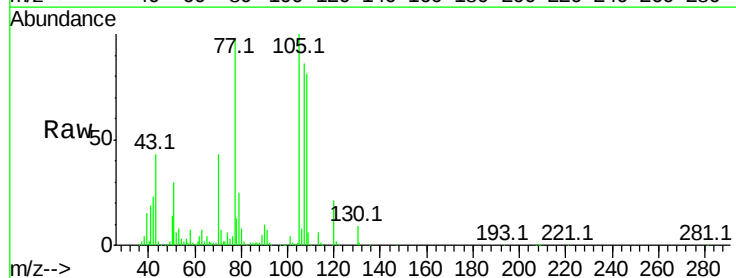
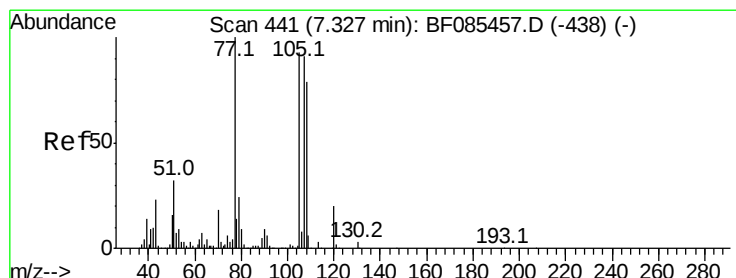
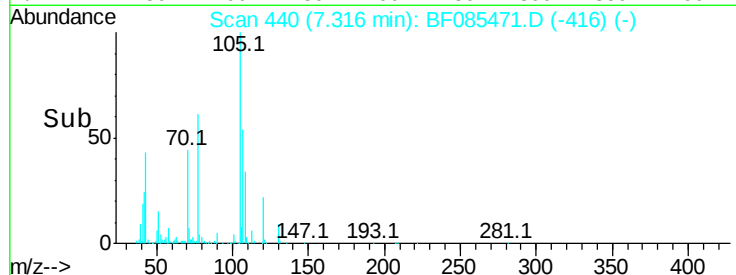
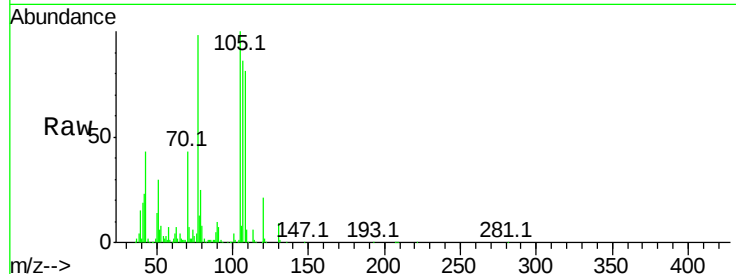
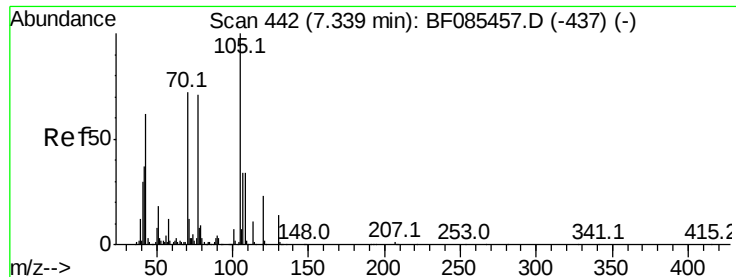
#18
Hexachloroethane
Concen: 41.33 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion:	117	Resp:	160611
Ion Ratio	Lower	Upper	
117	100		
119	97.7	78.2	117.4
201	98.6	72.0	108.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





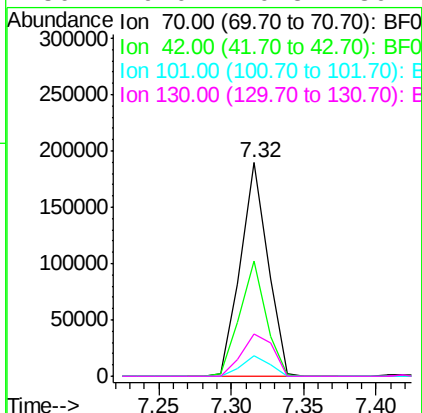
#19
n-Nitroso-di-n-propylamine
Concen: 39.31 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.8	37.7	56.5
101	9.6	8.2	12.4
130	20.0	20.5	30.7#

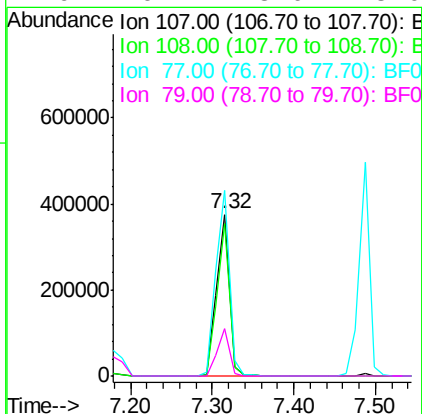
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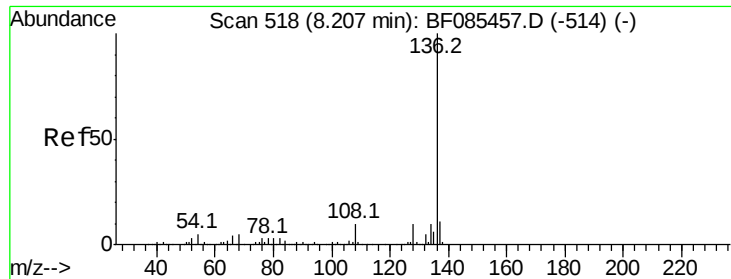
Sohil
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#20
3+4-Methylphenols
Concen: 47.74 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.3	68.8	108.8
77	114.8	53.6	93.6#
79	29.7	8.0	48.0





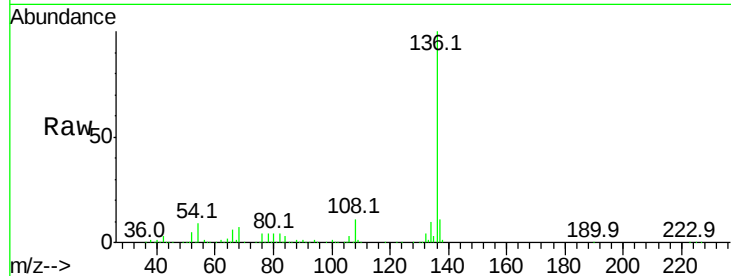
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.3	13.9	
54	8.9	7.4	11.2	
68	6.7	6.0	9.0	

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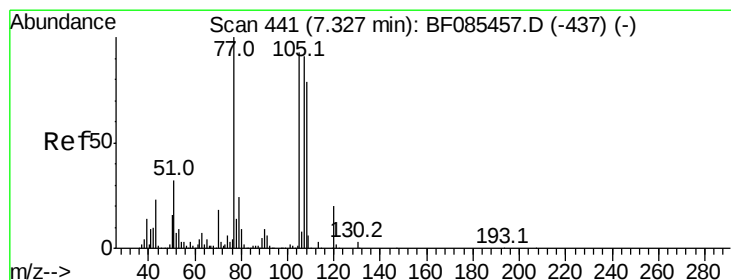
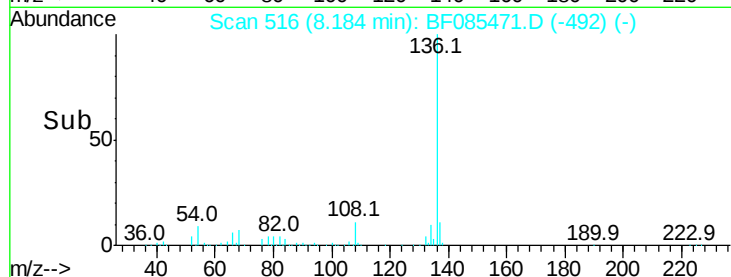
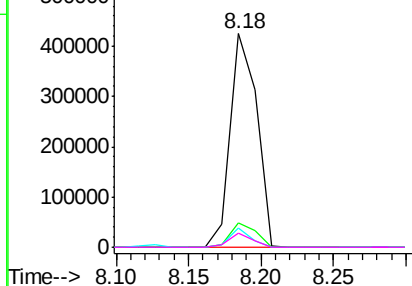
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 38.28 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.3	4.1	6.1#	
51	30.0	21.1	31.7	
120	21.4	17.3	25.9	

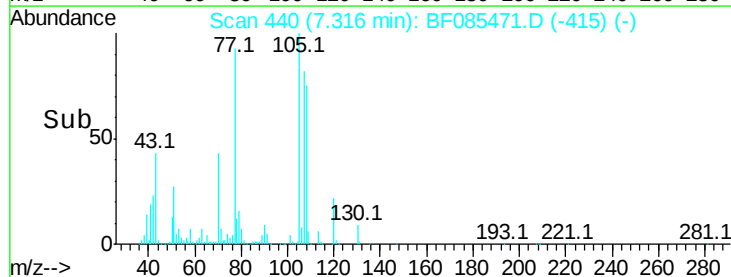
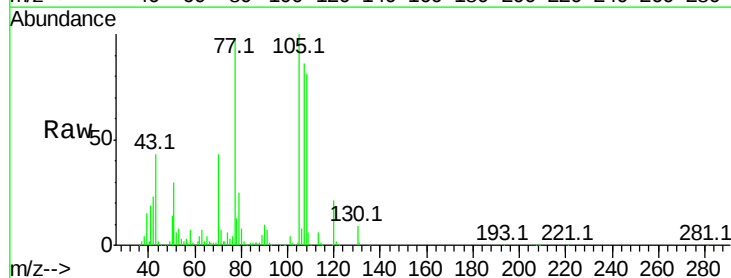
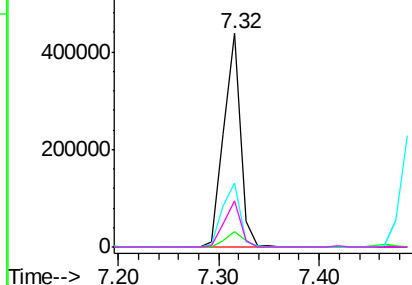
Abundance

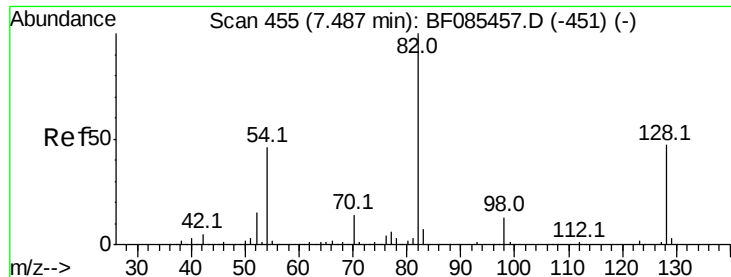
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





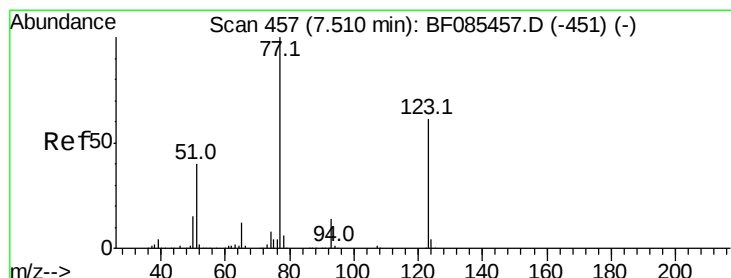
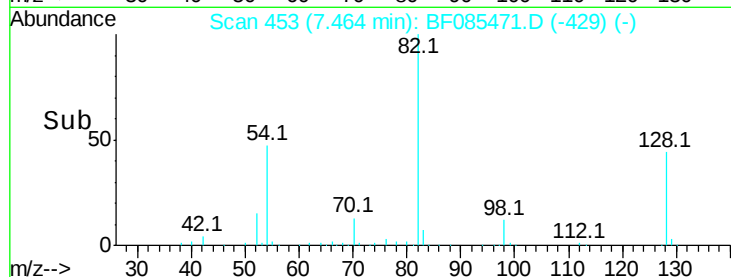
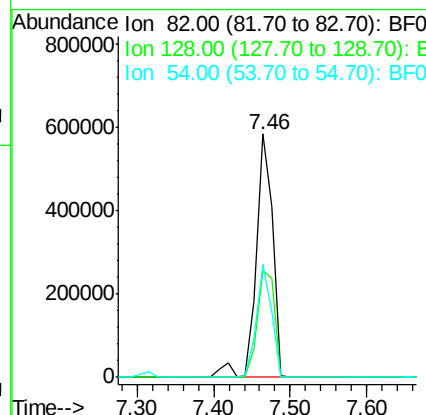
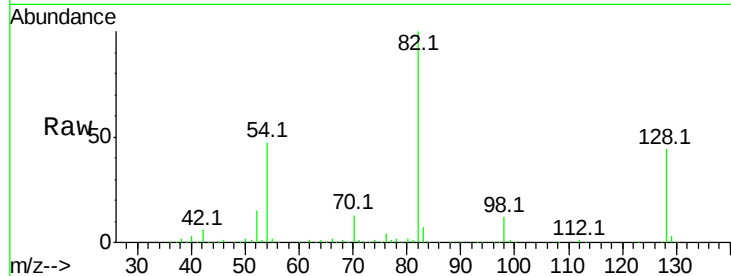
#23
 Nitrobenzene-d5
 Concen: 92.76 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	43.6	34.5	51.7
54	46.5	39.3	58.9

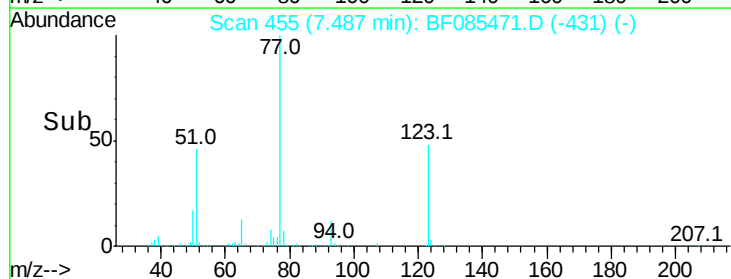
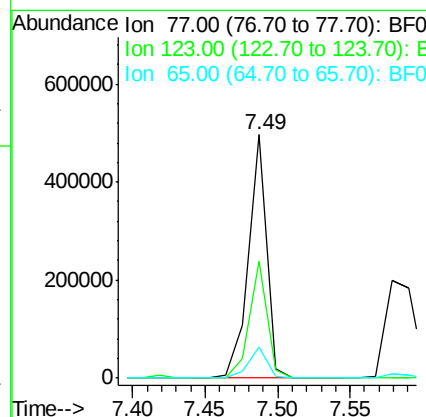
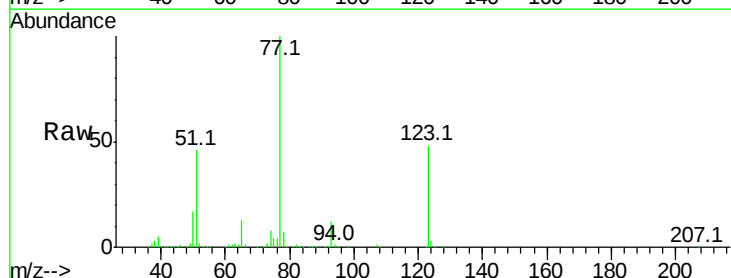
Manual Integrations
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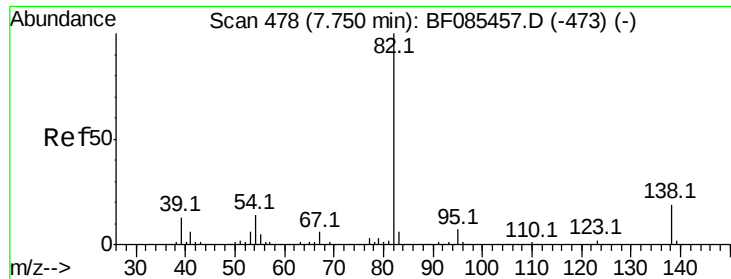
Sohil
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#24
 Nitrobenzene
 Concen: 42.20 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	47.8	35.4	53.2
65	12.8	10.6	16.0





#25

Isophorone

Concen: 41.80 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

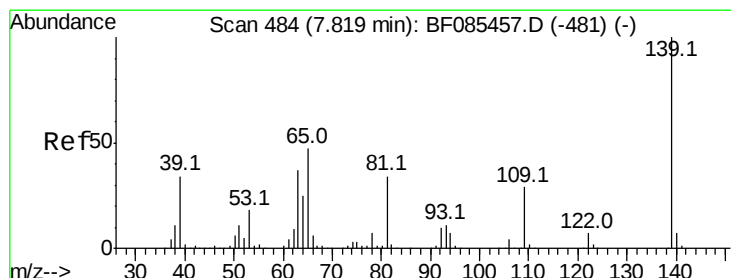
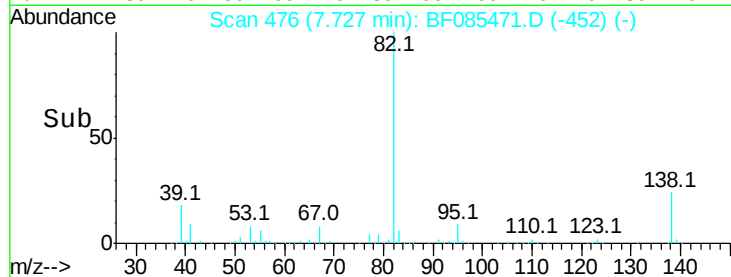
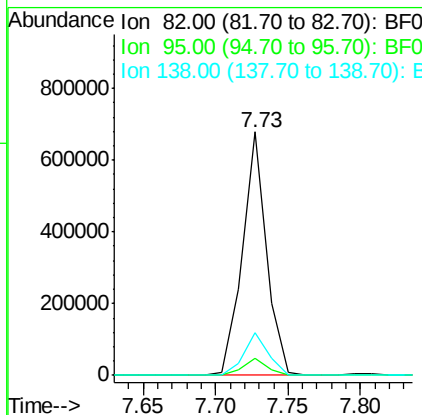
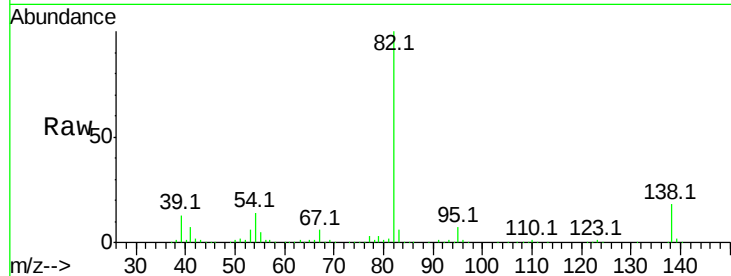
ClientSampleId :

PB88925BS

Tot Ion:	82	Resp:	780605
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	17.6	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.26 ng

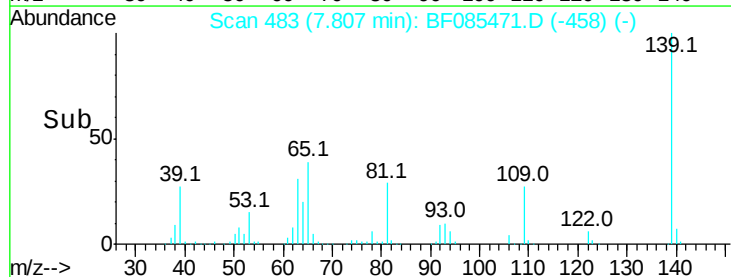
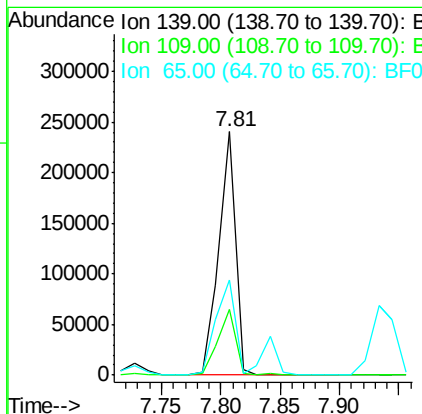
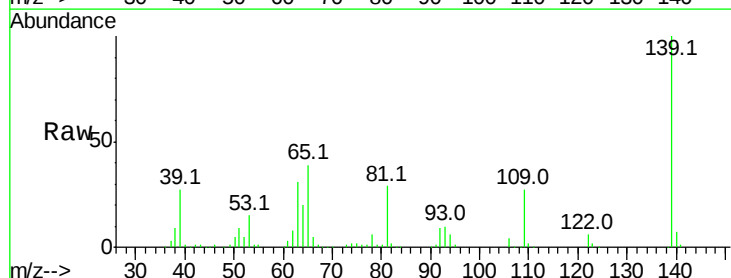
RT: 7.81 min Scan# 483

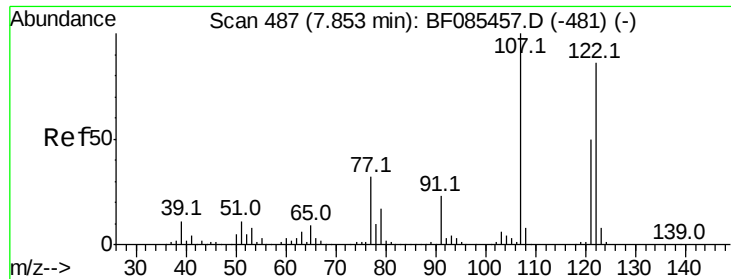
Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion:	139	Resp:	233612
Ion Ratio	Lower	Upper	
139	100		
109	27.1	19.1	28.7
65	39.0	23.9	35.9#





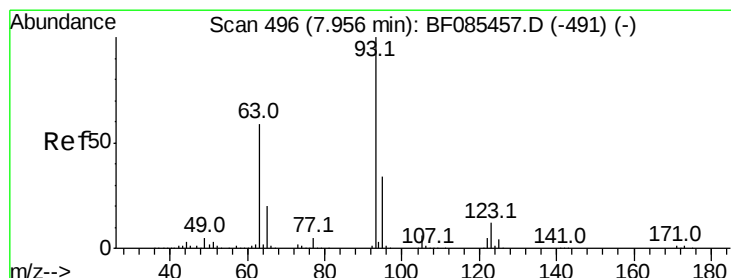
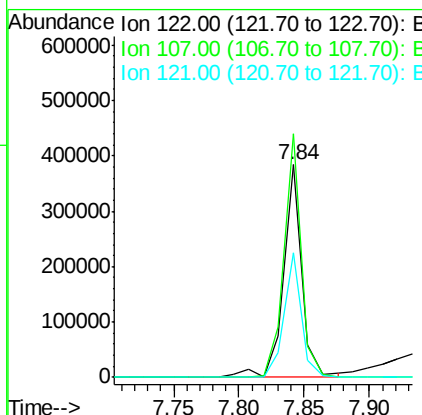
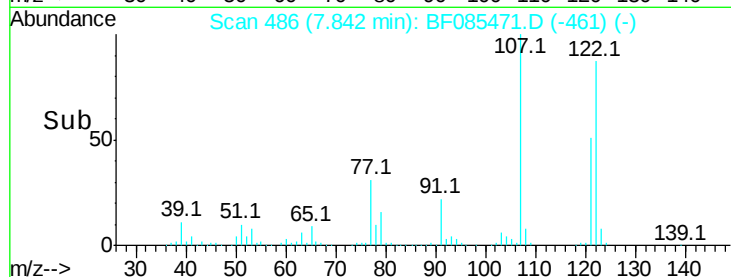
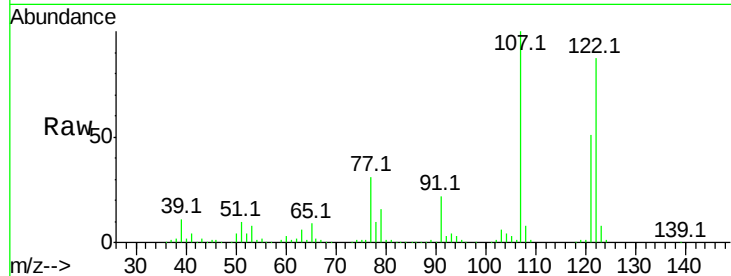
#27
2,4-Dimethylphenol
Concen: 43.19 ng
RT: 7.84 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	379733		
107	114.5	84.8	127.2	
121	58.4	47.0	70.6	

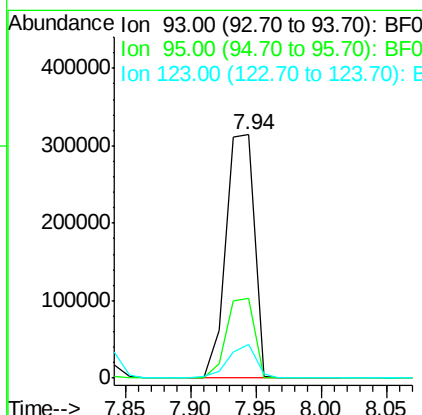
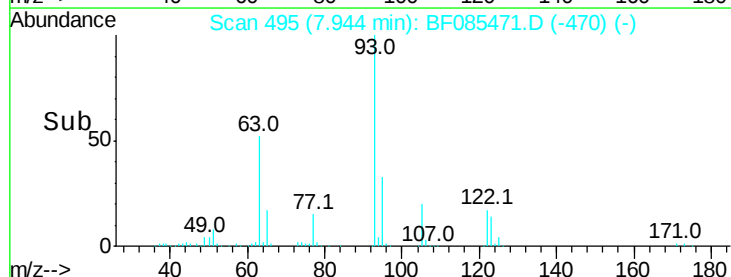
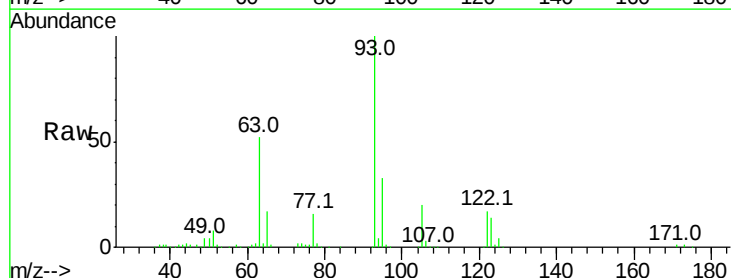
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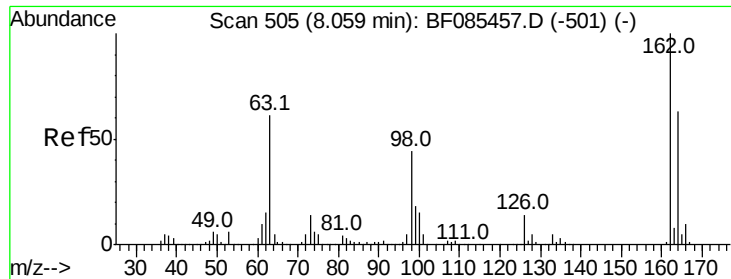
Sohil
3/17/2016 5:20:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.45 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	473959		
95	33.0	25.9	38.9	
123	13.8	8.8	13.2#	





#29

2,4-Dichlorophenol

Concen: 46.85 ng

RT: 8.05 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

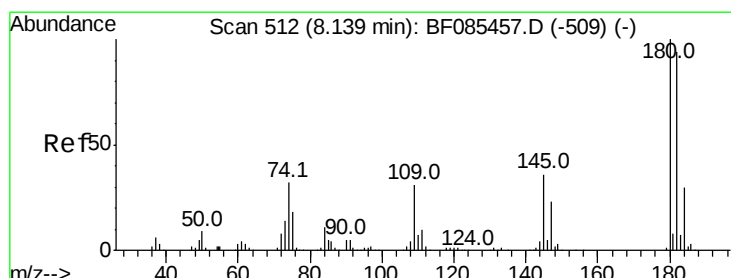
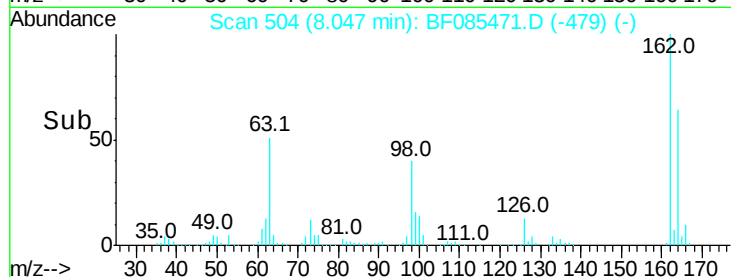
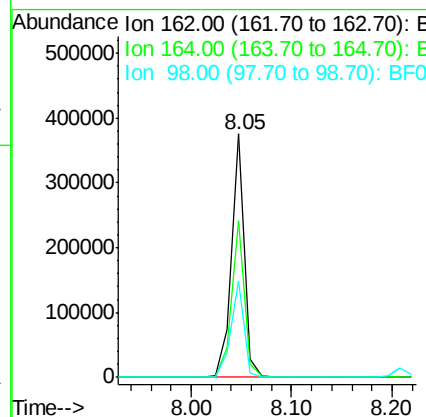
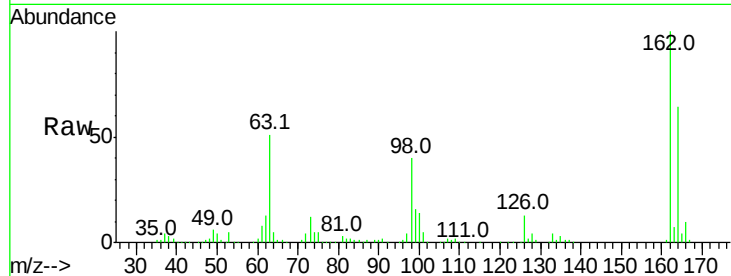
ClientSampleId :

PB88925BS

Tot Ion:	162	Resp:	334184
Ion Ratio	Lower	Upper	
162	100		
164	64.3	45.7	85.7
98	39.8	9.4	49.4

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#30

1,2,4-Trichlorobenzene

Concen: 39.86 ng

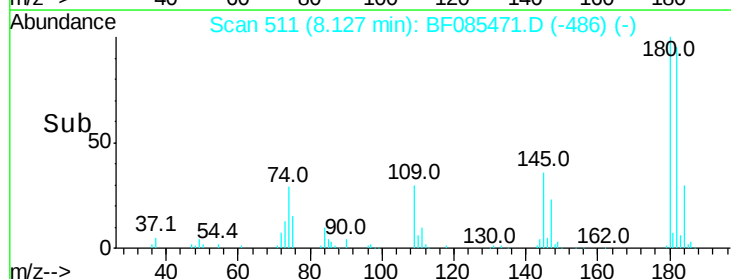
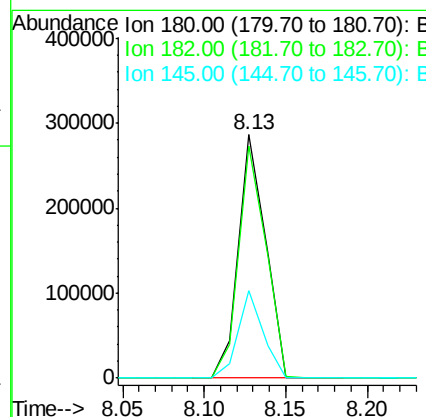
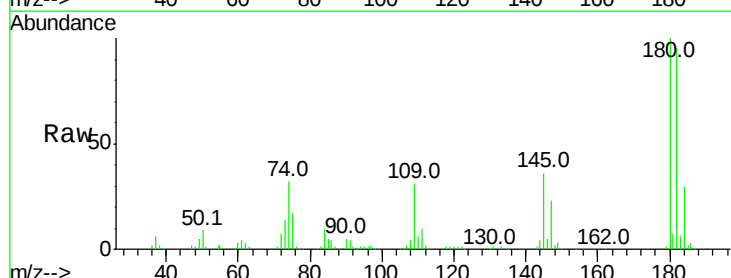
RT: 8.13 min Scan# 511

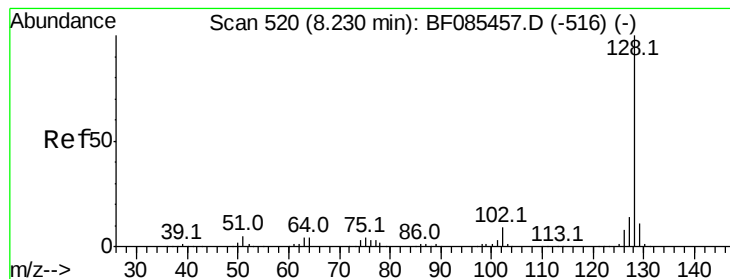
Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion:	180	Resp:	328511
Ion Ratio	Lower	Upper	
180	100		
182	95.1	74.9	112.3
145	35.9	27.9	41.9





#31

Naphthalene

Concen: 41.56 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

Tot Ion:128 Resp: 1099470

Ion Ratio Lower Upper

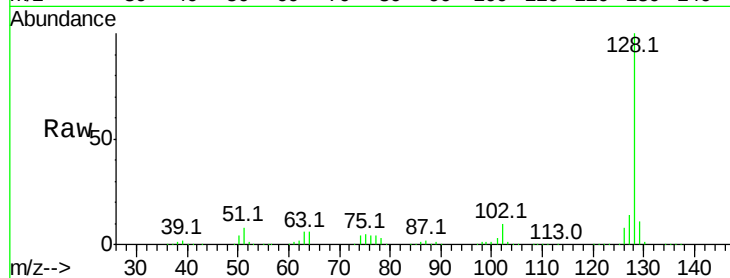
128 100

129 11.4 9.7 14.5

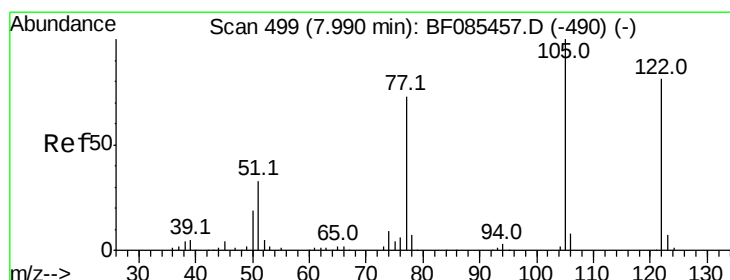
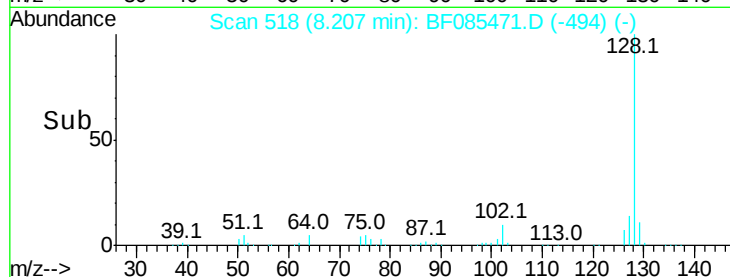
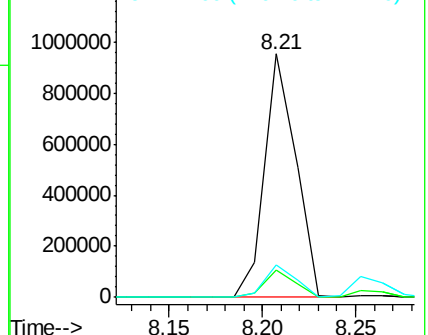
127 13.5 11.2 16.8

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.18 ng

RT: 7.96 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

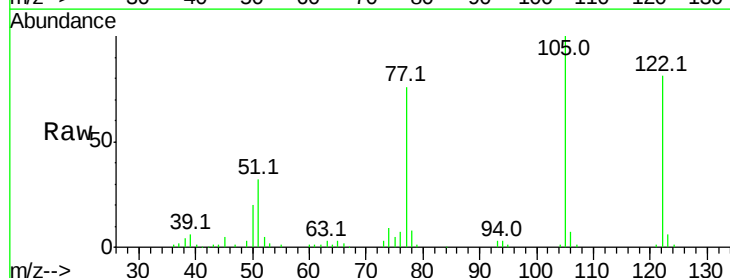
Tgt Ion:122 Resp: 182933

Ion Ratio Lower Upper

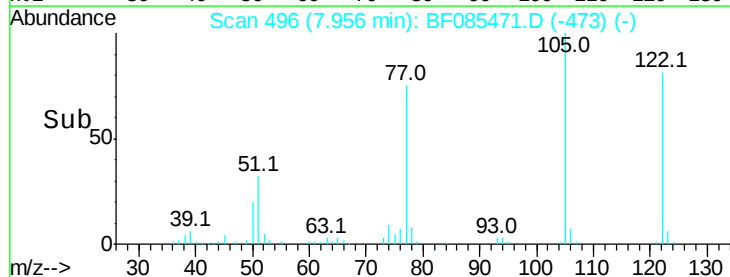
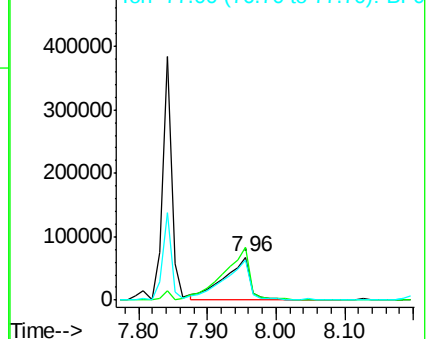
122 100

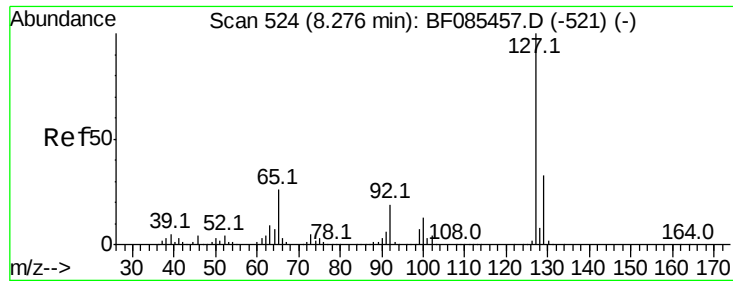
105 123.2 101.3 141.3

77 93.1 74.7 114.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





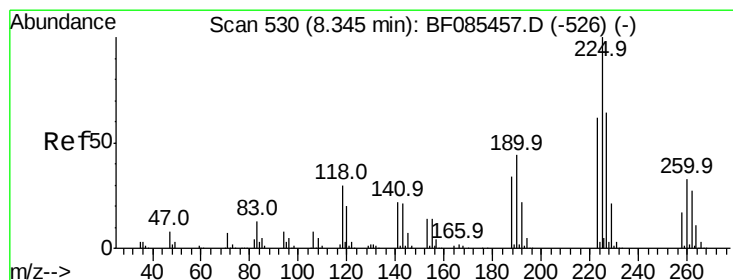
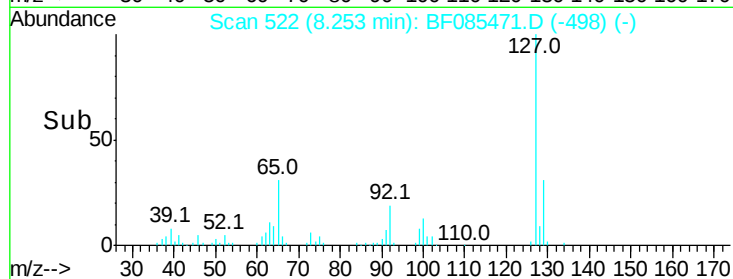
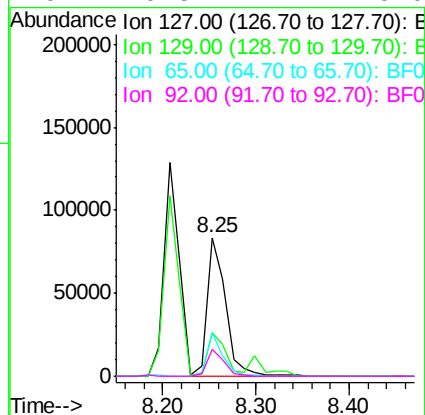
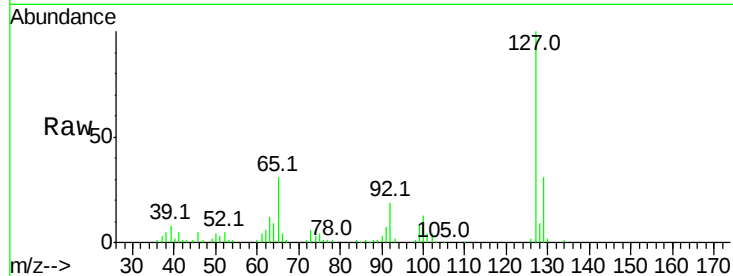
#33
4-Chloroaniline
Concen: 10.17 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	26.1	39.1	
65	31.1	27.0	40.6	
92	19.5	17.4	26.0	

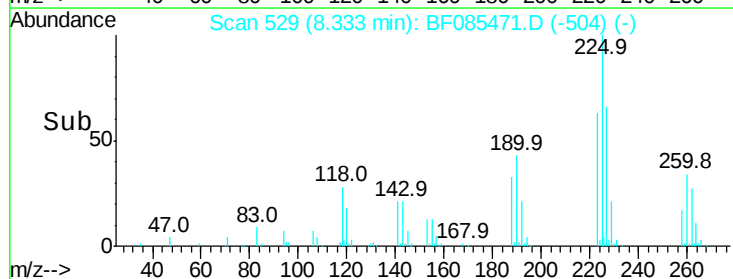
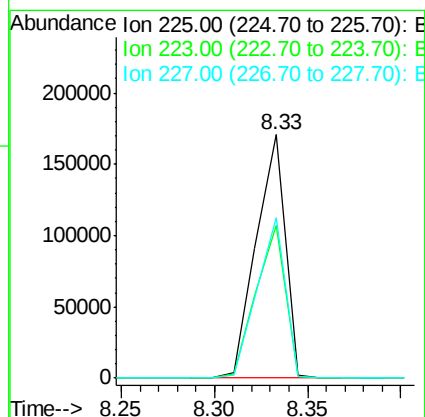
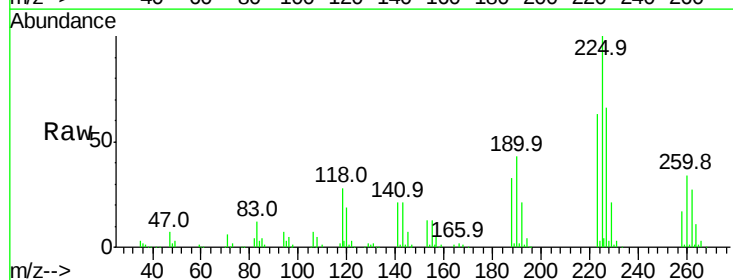
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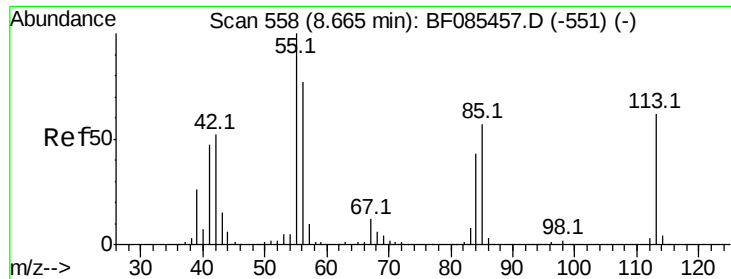
Sohil
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#34
Hexachlorobutadiene
Concen: 42.65 ng
RT: 8.33 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	49.7	74.5	
227	65.7	52.2	78.4	





#35

Caprolactam

Concen: 48.81 ng/ml

RT: 8.63 min Scan# 555

Delta R.T. -0.03 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

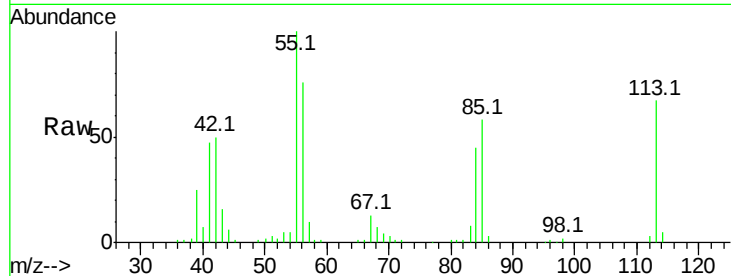
ClientSampleId :

PB88925BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	150.0	152.7	192.7#
56	114.6	109.0	149.0

Manual Integrations
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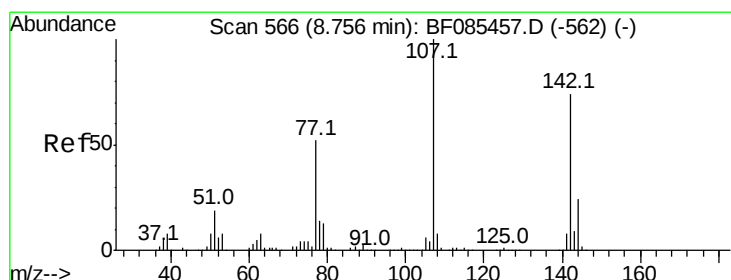
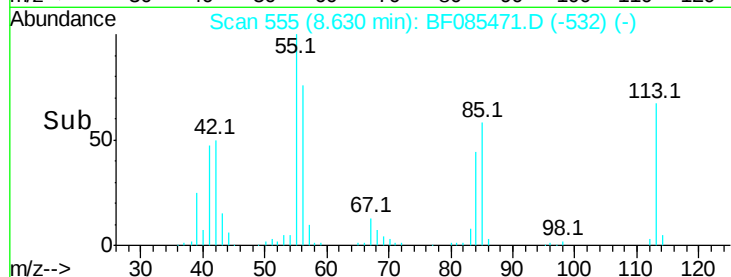
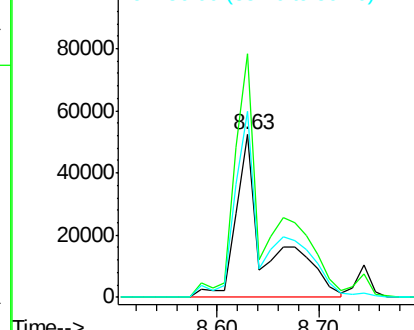


Abundance

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: 43.99 ng/ml

RT: 8.74 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

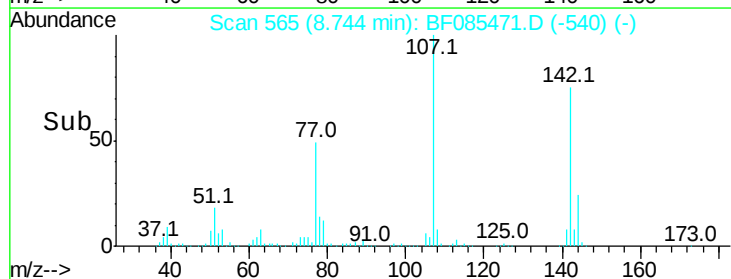
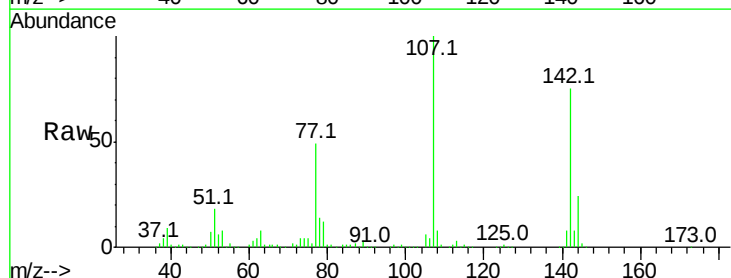
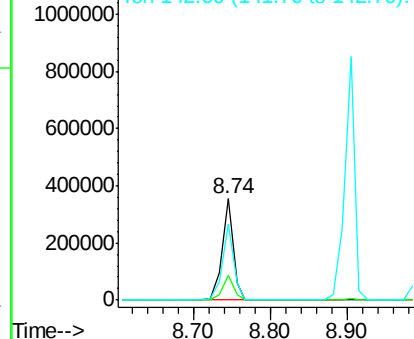
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.4	29.2
142	75.0	59.4	89.2

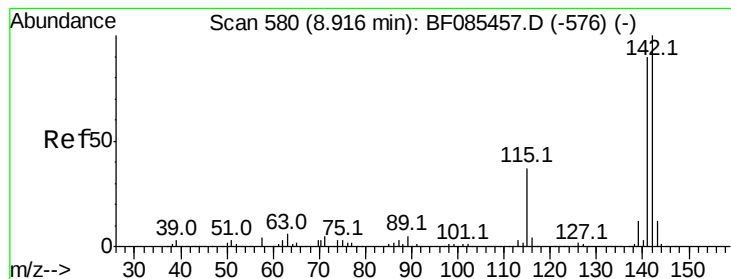
Abundance

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





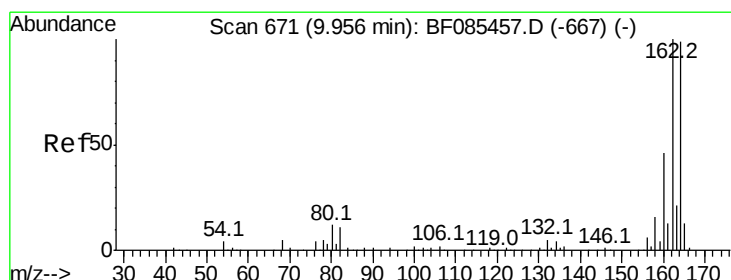
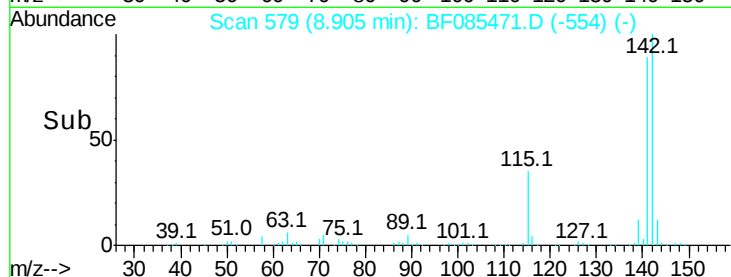
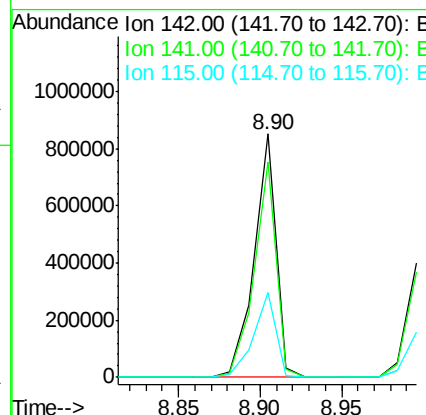
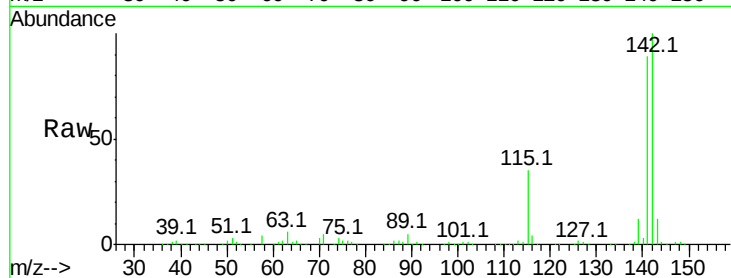
#37
 2-Methylnaphthalene
 Concen: 47.51 ng
 RT: 8.90 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	795988		
141	88.7		71.7	107.5
115	35.1		26.2	39.4

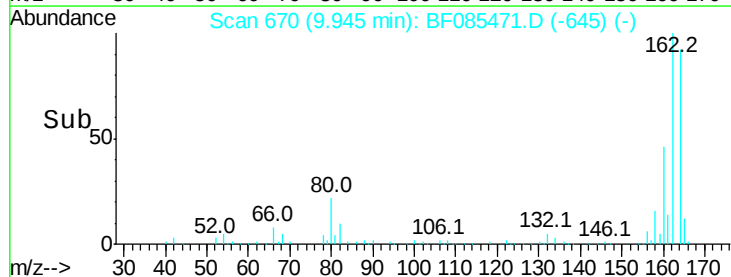
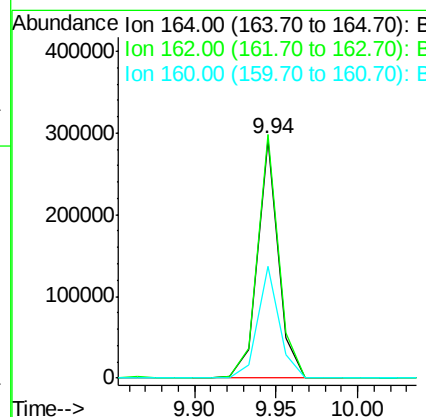
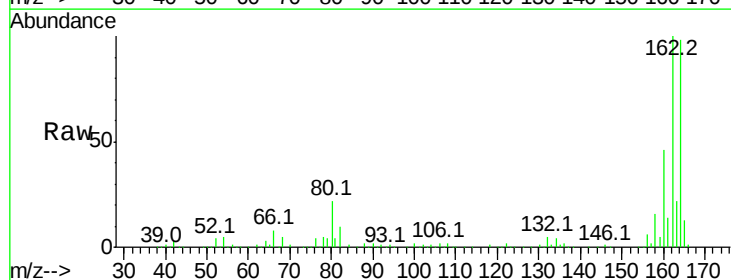
Manual Integrations
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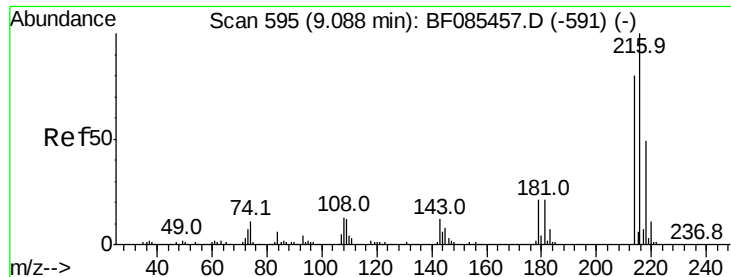
Sohil
 3/17/2016 5:20:02 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	260498		
162	101.9		83.3	124.9
160	47.0		37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.84 ng

RT: 9.08 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

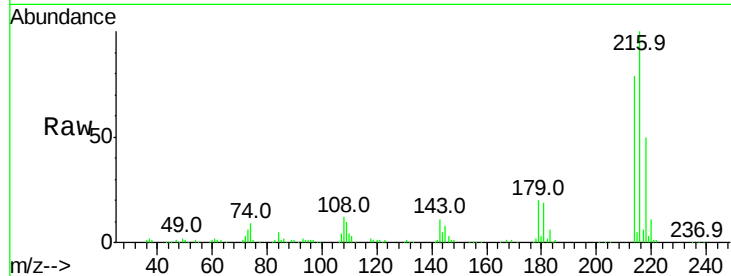
ClientSampleId :

PB88925BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.8	95.6
179	22.6	19.6	29.4
108	22.7	19.6	29.4

Manual Integrations
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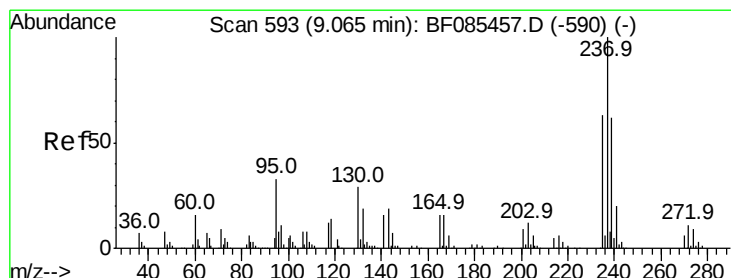
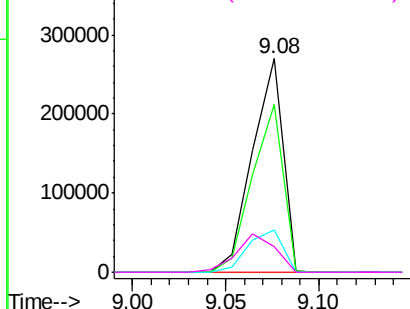
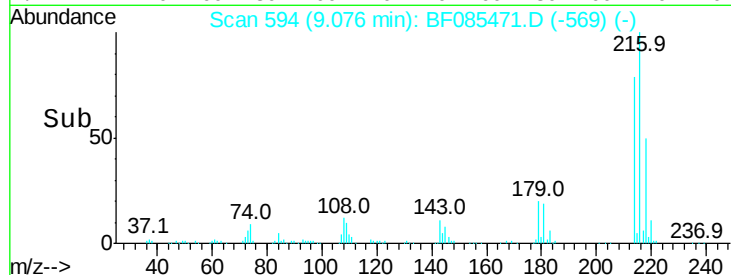
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.78 ng

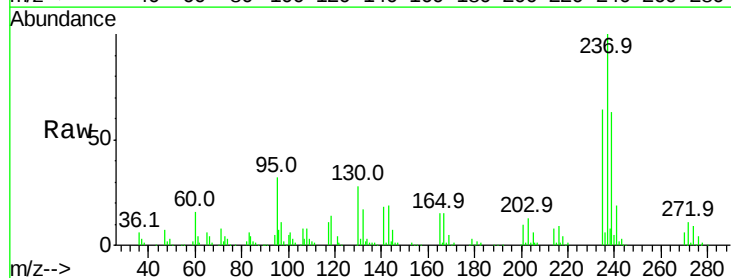
RT: 9.05 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.3	43.7	83.7
272	11.3	0.0	31.5

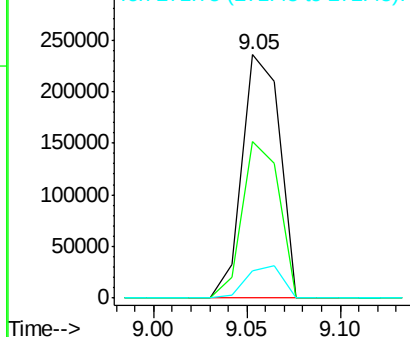
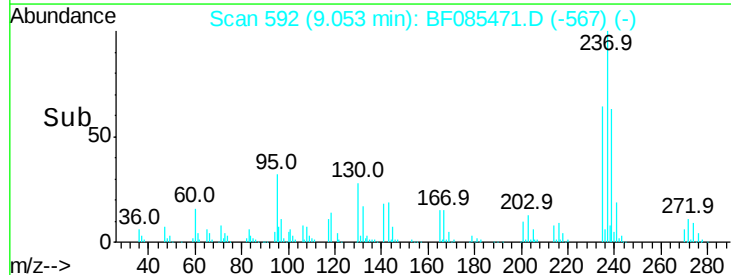


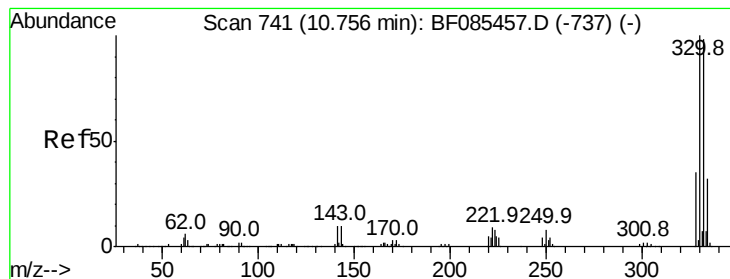
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 130.92 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

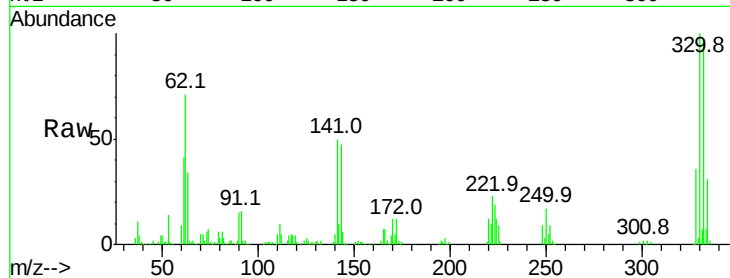
ClientSampleId :

PB88925BS

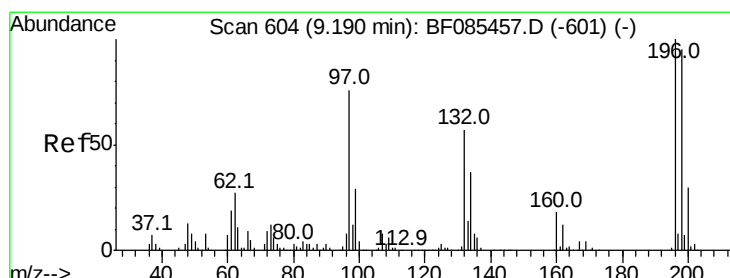
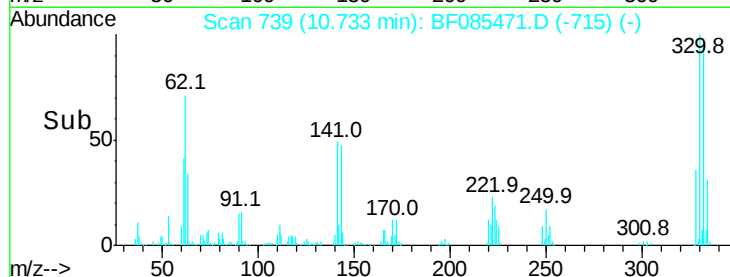
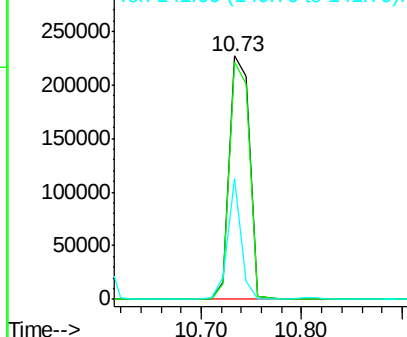
Tot Ion:	330	Resp:	314121
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.1	115.7
141	33.7	35.0	52.6#

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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: 41.45 ng

RT: 9.18 min Scan# 603

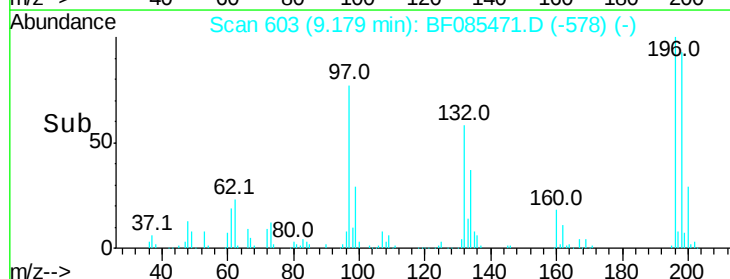
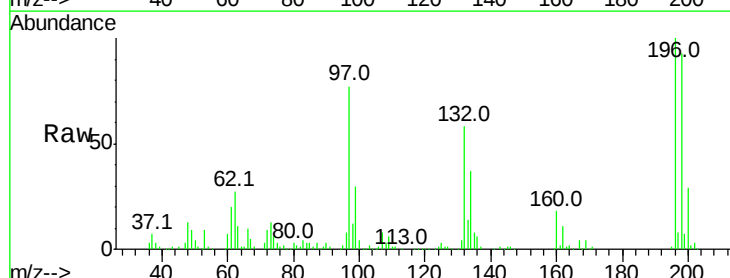
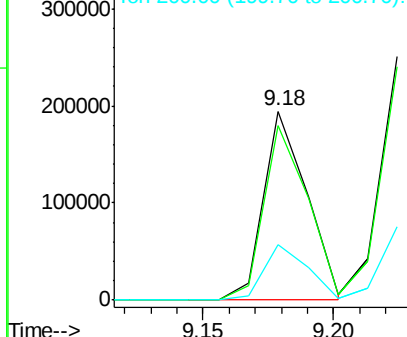
Delta R.T. -0.01 min

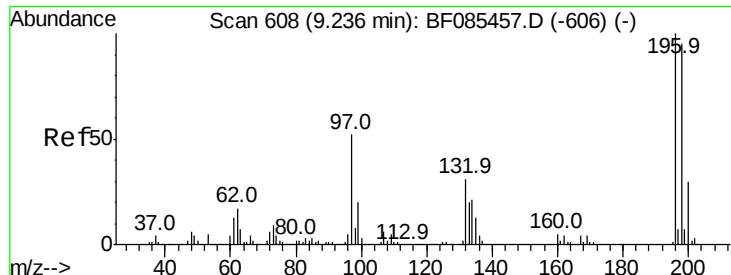
Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion:	196	Resp:	221776
Ion Ratio	Lower	Upper	
196	100		
198	92.5	77.8	116.6
200	29.2	25.0	37.6

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





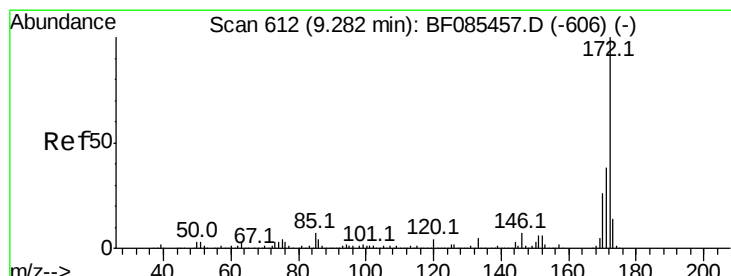
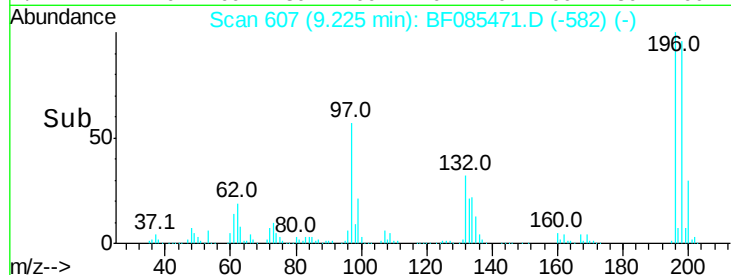
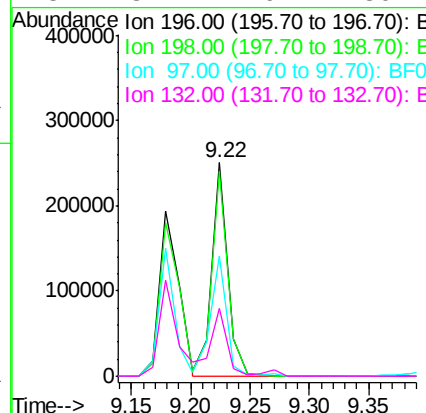
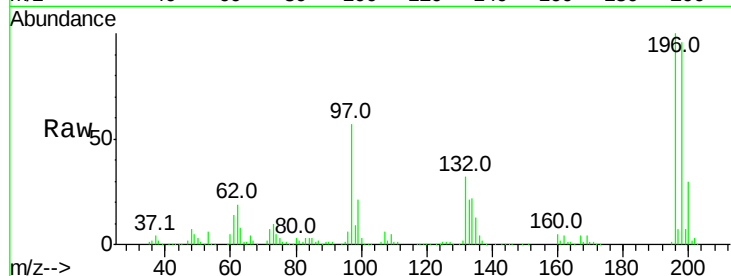
#43
 2,4,5-Trichlorophenol
 Concen: 43.41 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tot Ion:	196	Resp:	234639
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.7	113.5
97	56.5	46.4	69.6
132	31.7	26.2	39.4

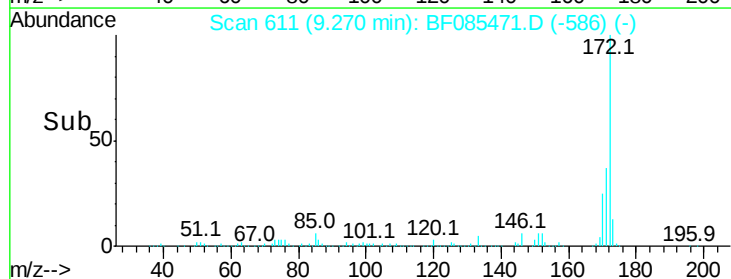
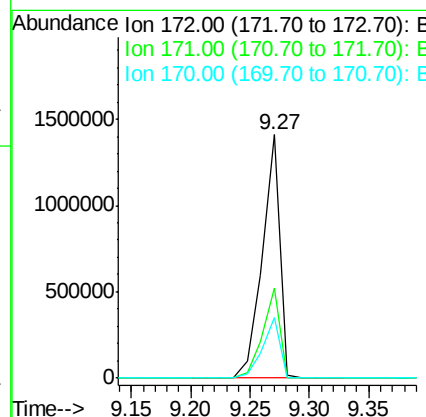
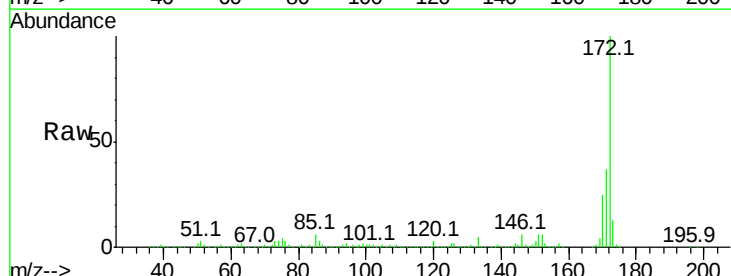
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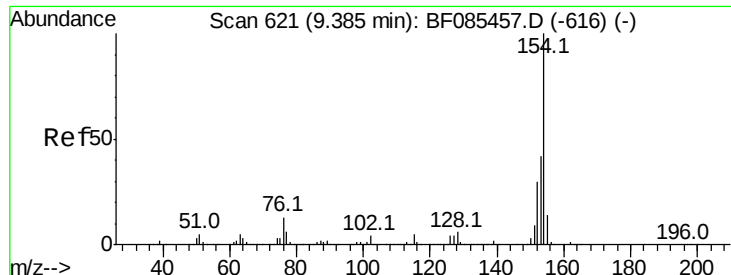
Sohil
 3/17/2016 5:20:02 PM



#44
 2-Fluorobiphenyl
 Concen: 97.24 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion:	172	Resp:	1460109
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.3	43.9
170	24.9	20.0	30.0





#45

1,1'-Biphenyl

Concen: 42.77 ng

RT: 9.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

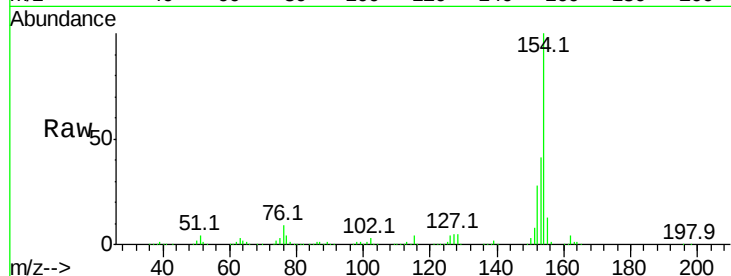
ClientSampled :

PB88925BS

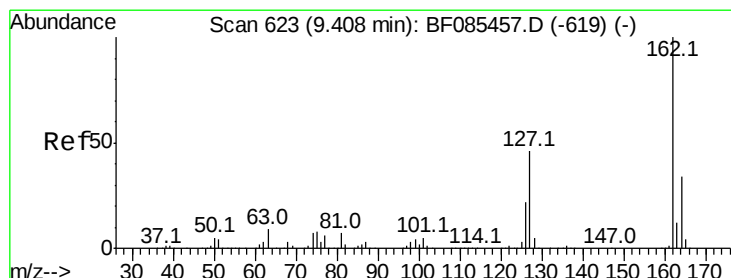
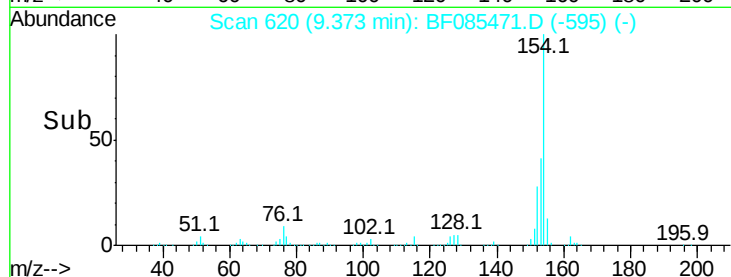
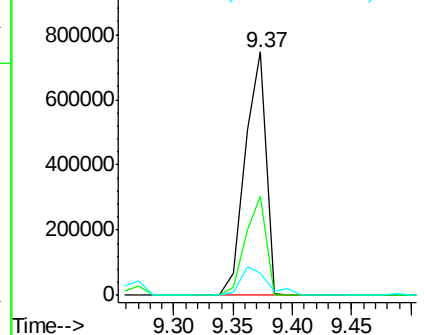
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.4	61.4	
76	9.0	0.0	37.5	

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



#46

2-Chloronaphthalene

Concen: 44.73 ng

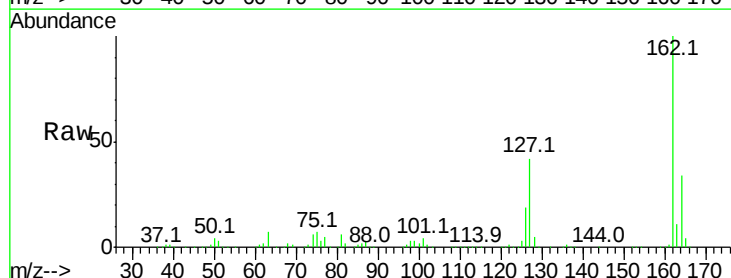
RT: 9.40 min Scan# 622

Delta R.T. -0.01 min

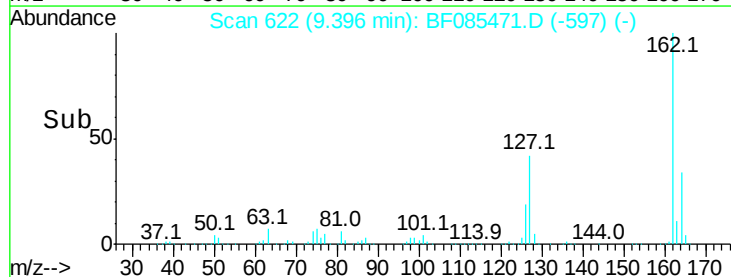
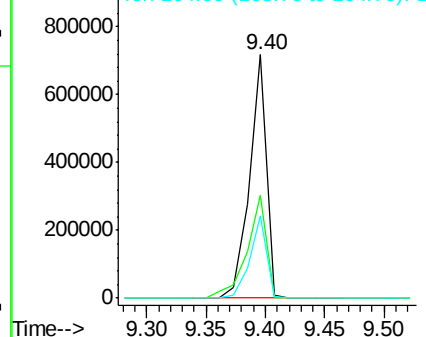
Lab File: BF085471.D

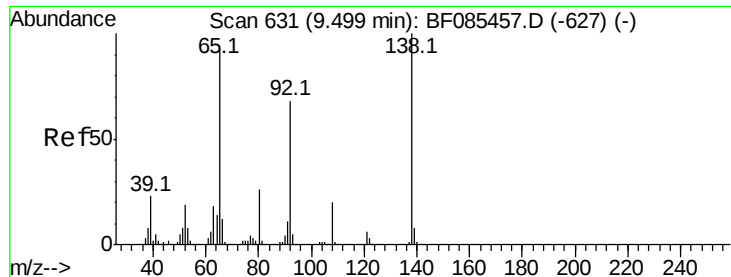
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.3	31.6	47.4	
164	33.8	27.1	40.7	



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





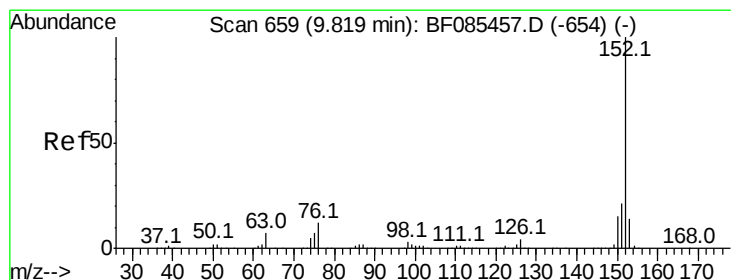
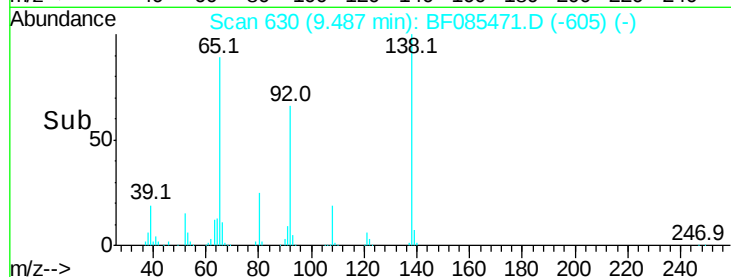
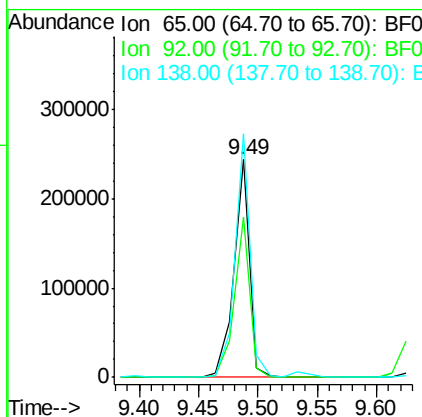
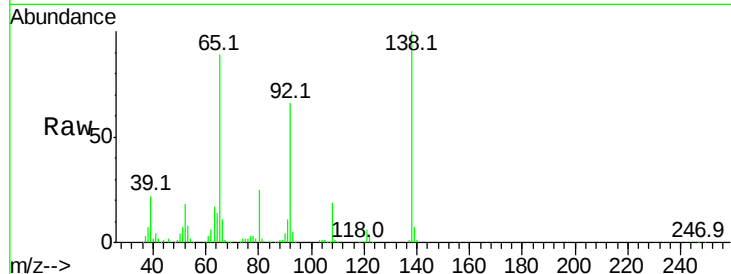
#47
2-Nitroaniline
Concen: 45.98 ng
RT: 9.49 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.8	55.4	83.2
138	111.9	75.7	113.5

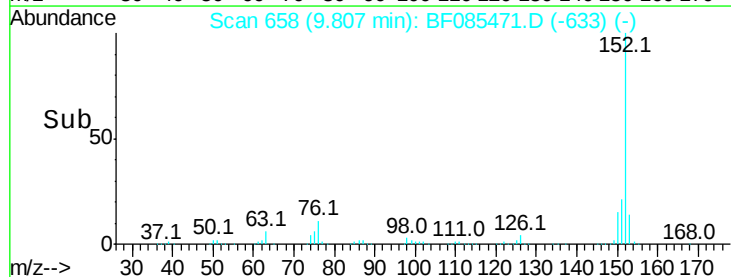
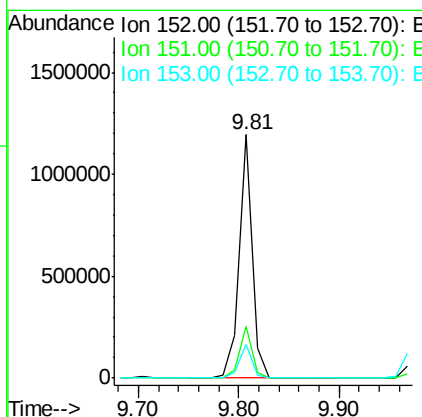
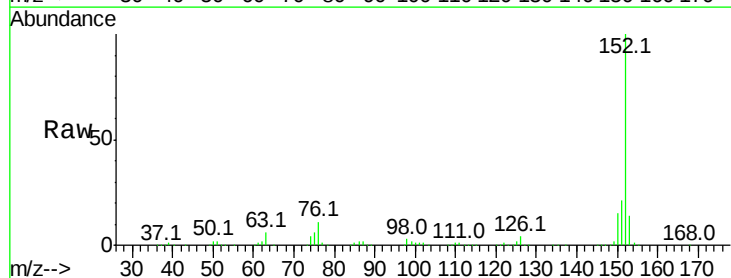
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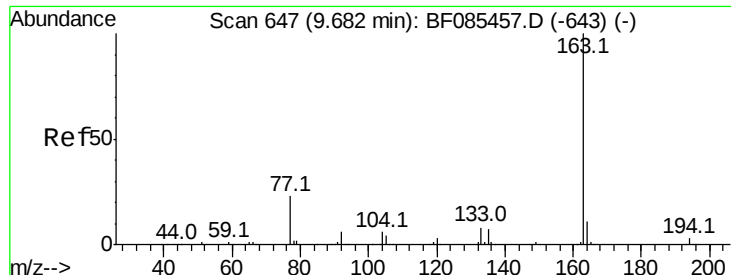
Sohil
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#48
Acenaphthylene
Concen: 41.82 ng
RT: 9.81 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.5	26.3
153	13.8	11.3	16.9





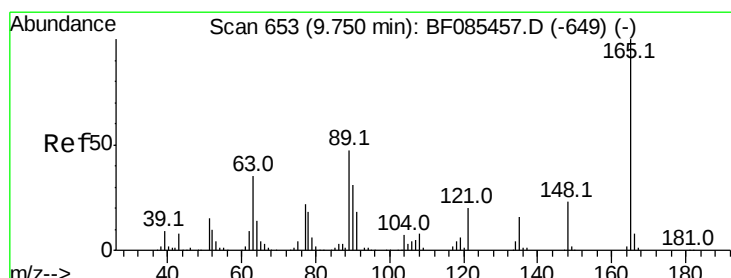
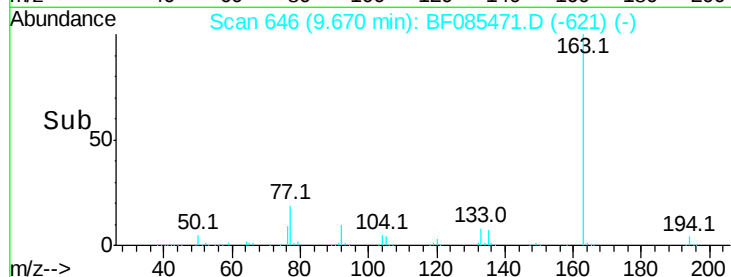
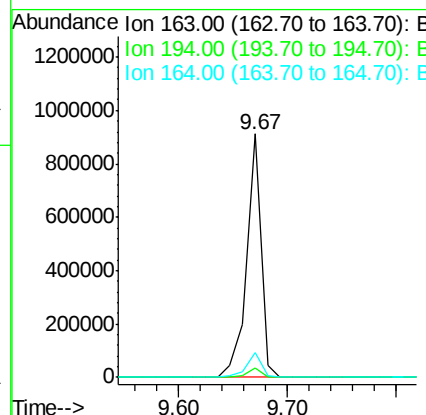
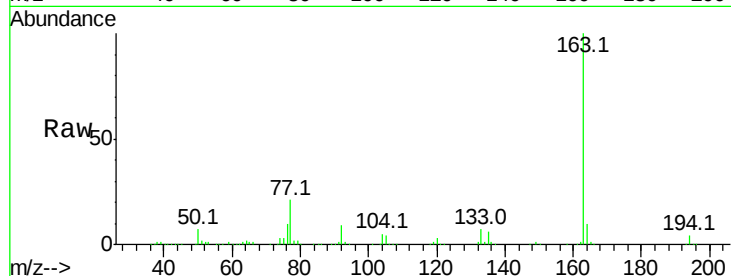
#49
Dimethylphthalate
Concen: 43.32 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	823257		
194	3.6		3.1	4.7
164	10.3		8.2	12.4

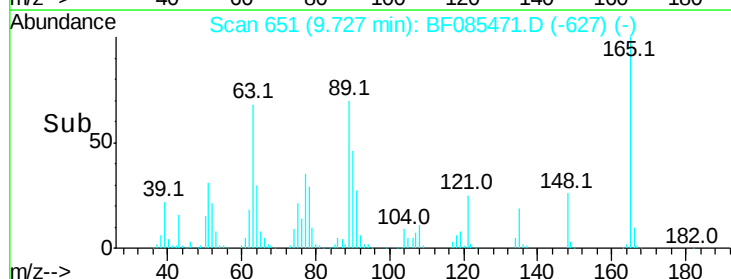
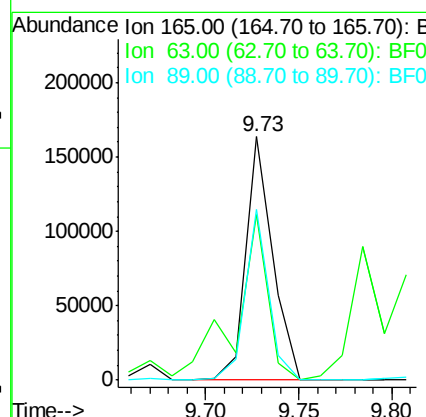
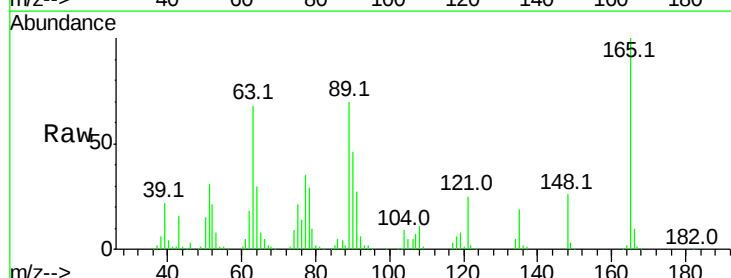
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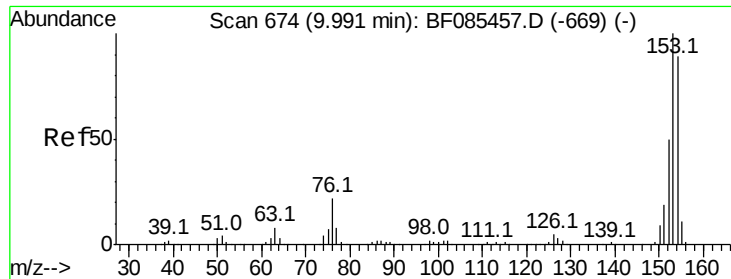
Sohil
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#50
2,6-Dinitrotoluene
Concen: 39.03 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	163896		
63	67.8		41.8	62.8#
89	70.3		46.7	70.1#





#51

Acenaphthene

Concen: 44.26 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

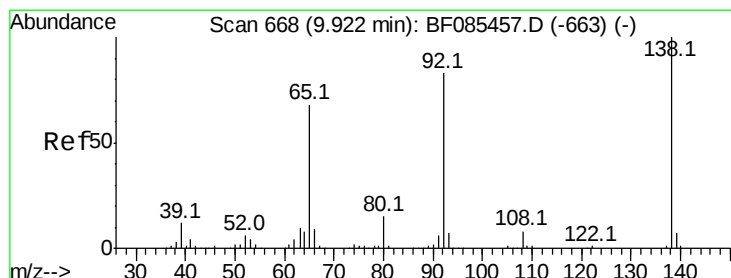
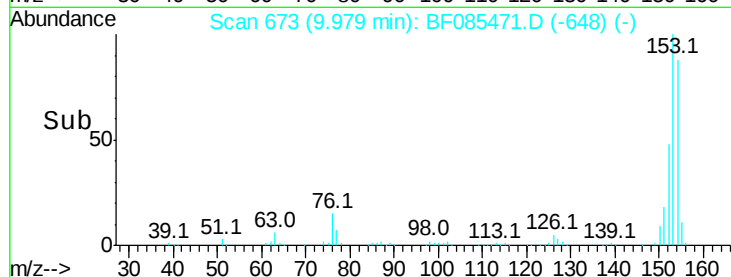
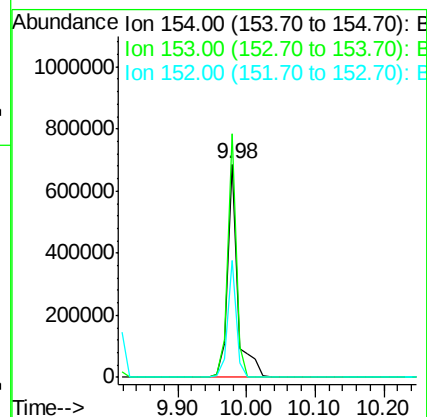
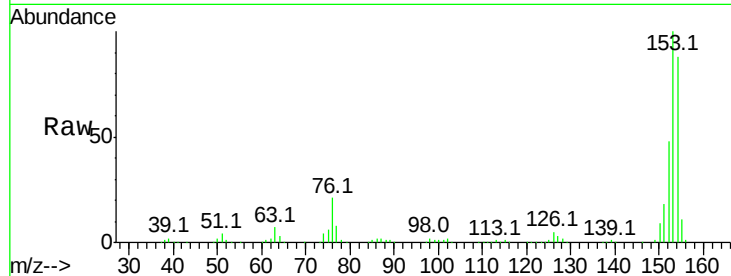
ClientSampleId :

PB88925BS

Tot Ion:	154	Resp:	717107
Ion Ratio	Lower	Upper	
154	100		
153	114.2	89.8	134.8
152	54.9	44.6	66.8

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#52

3-Nitroaniline

Concen: 22.39 ng

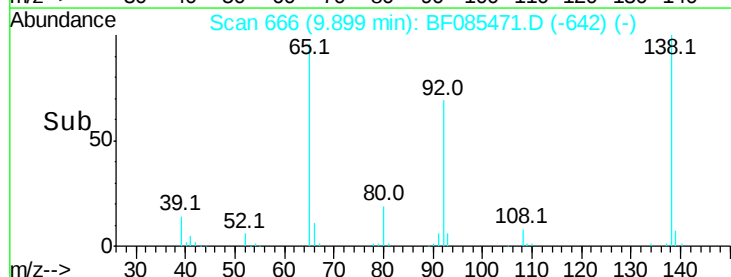
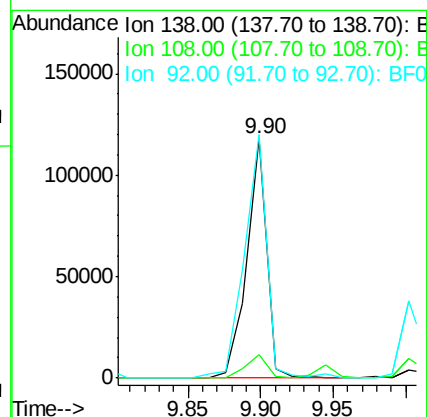
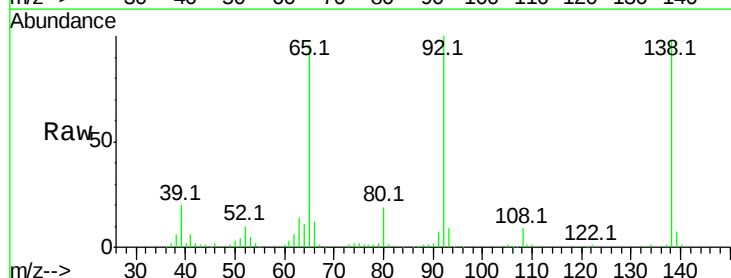
RT: 9.90 min Scan# 666

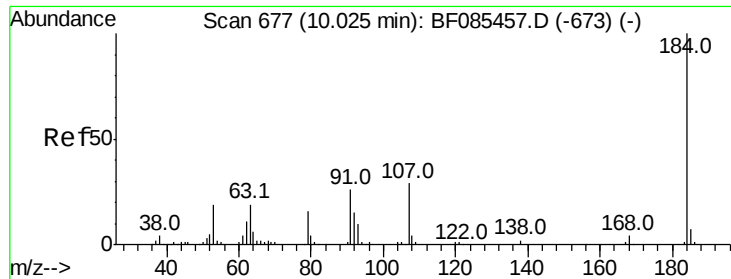
Delta R.T. -0.02 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion:	138	Resp:	112409
Ion Ratio	Lower	Upper	
138	100		
108	9.6	7.8	11.6
92	101.6	81.3	121.9





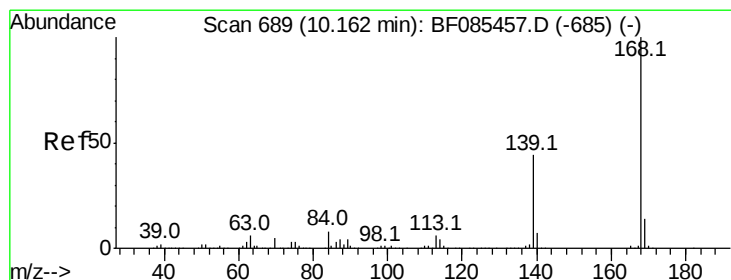
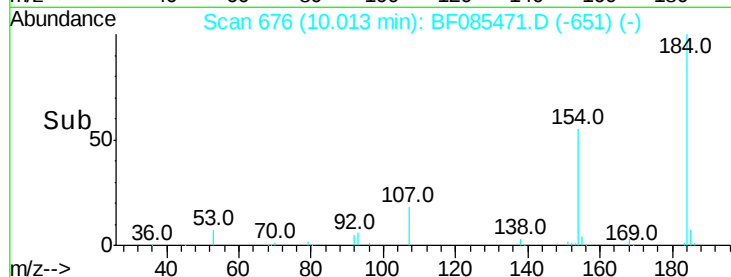
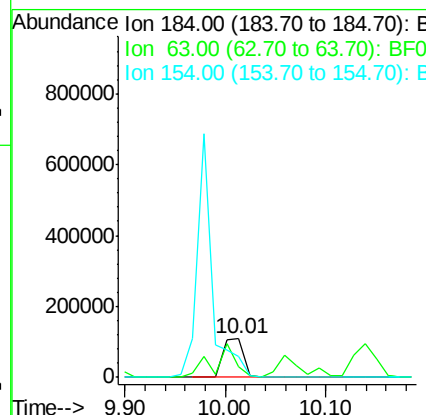
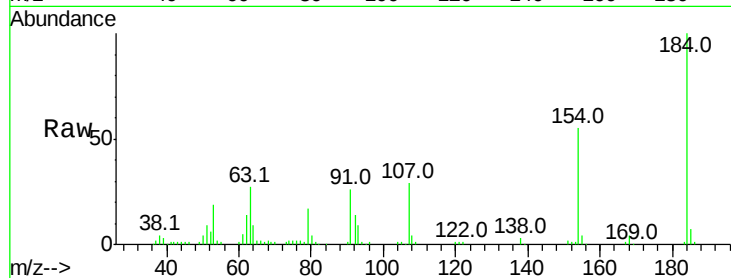
#53
 2,4-Dinitrophenol
 Concen: 70.49 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	160031		
63	27.0	82.2	123.4#	
154	54.6	108.9	163.3#	

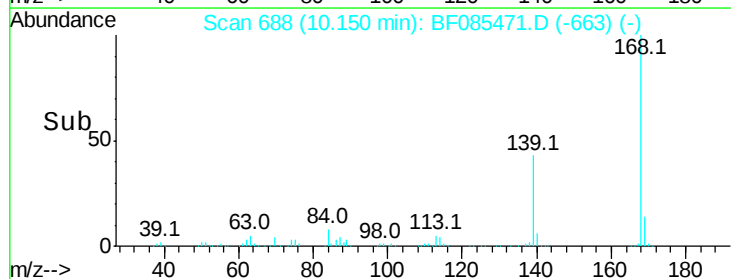
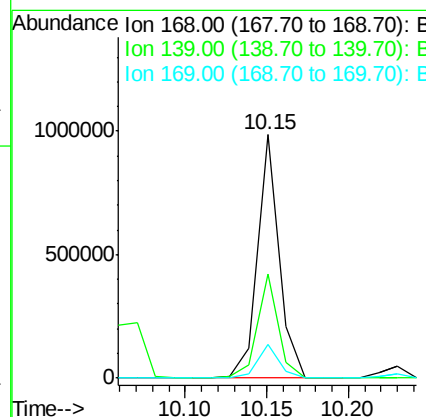
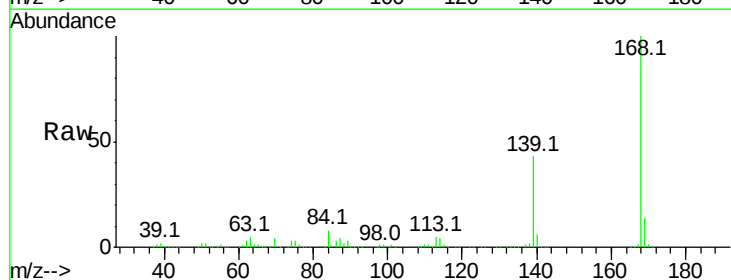
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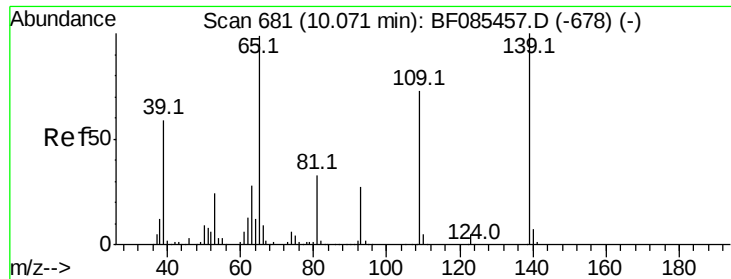
Sohil
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#54
 Dibenzofuran
 Concen: 45.73 ng
 RT: 10.15 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	910334		
139	42.8	33.6	50.4	
169	14.0	11.2	16.8	





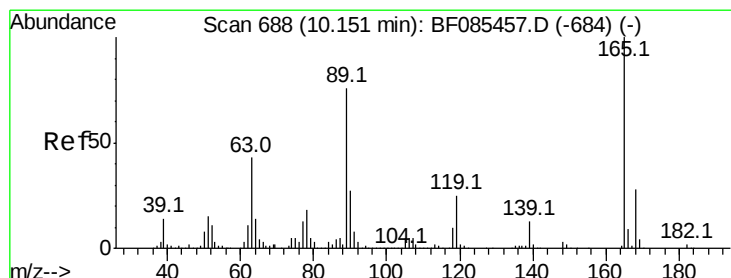
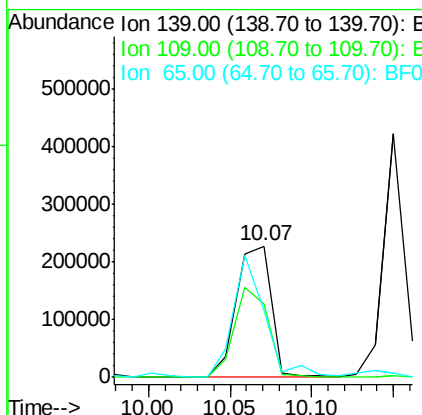
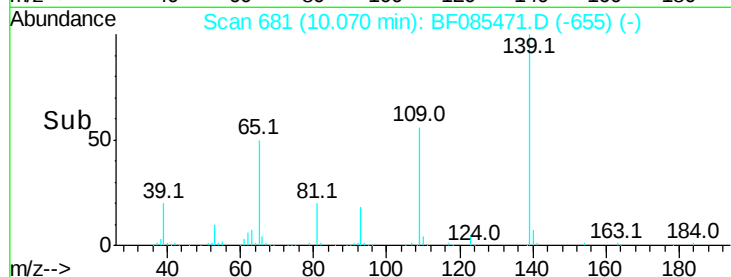
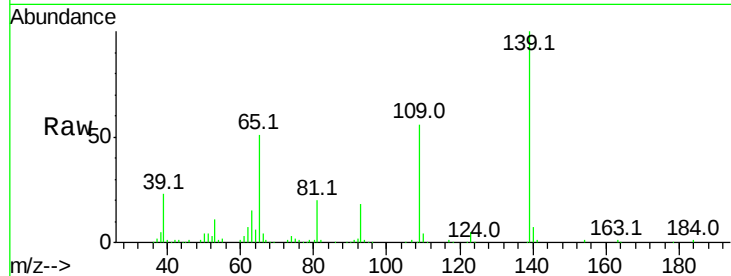
#55
4-Nitrophenol
Concen: 97.55 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.4	41.9	81.9	
65	50.7	48.3	88.3	

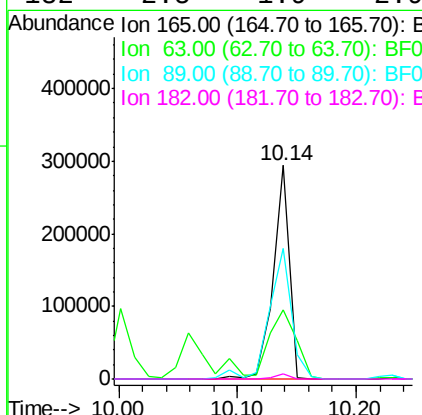
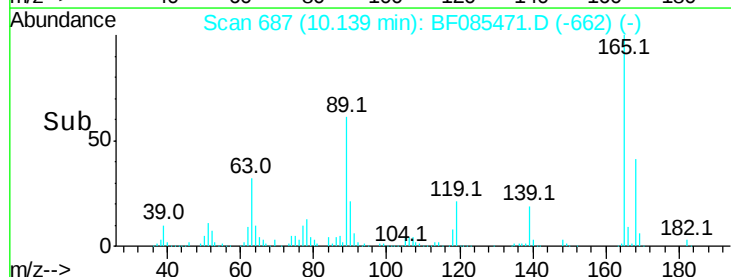
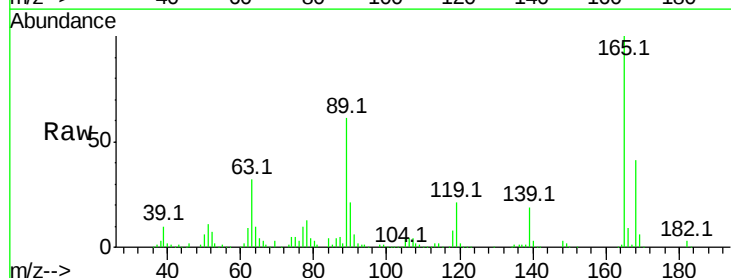
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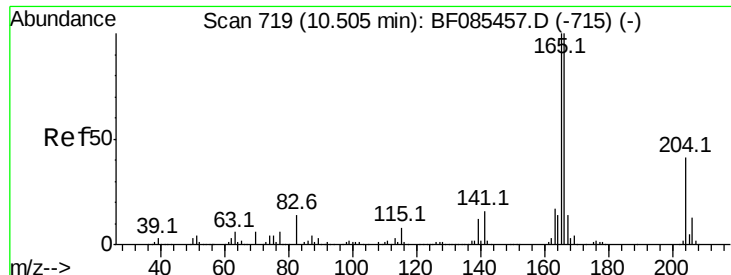
Sohil
3/17/2016 5:20:02 PM



#56
2,4-Dinitrotoluene
Concen: 52.61 ng
RT: 10.14 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	32.2	35.4	53.0#	
89	61.2	61.9	92.9#	
182	2.5	1.9	2.9	





#57

Fluorene

Concen: 44.53 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampled :

PB88925BS

Tot Ion:166 Resp: 706800

Ion Ratio Lower Upper

166 100

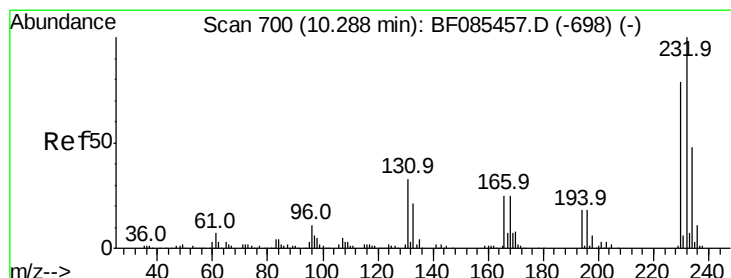
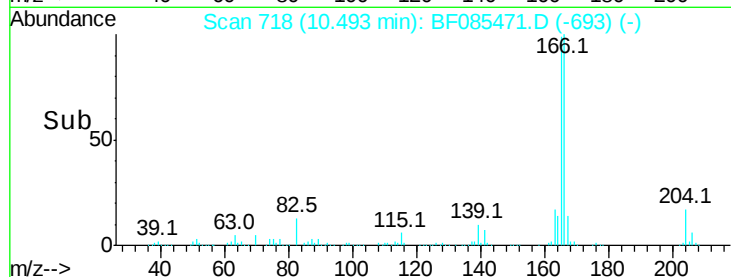
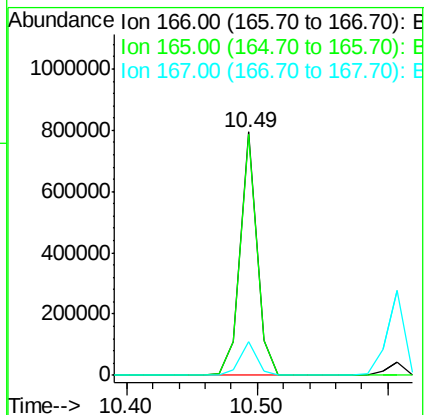
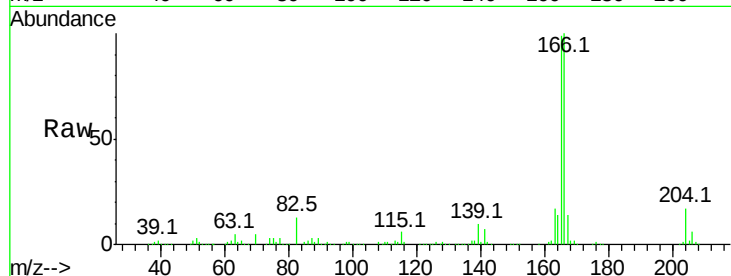
165 99.2 79.4 119.0

167 13.7 11.0 16.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.91 ng

RT: 10.28 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion:232 Resp: 174073

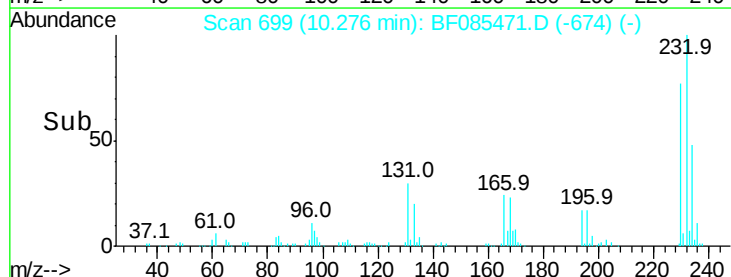
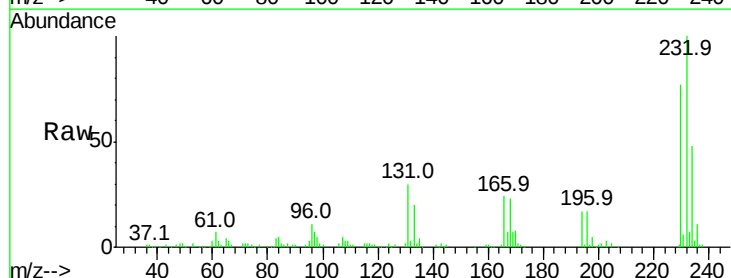
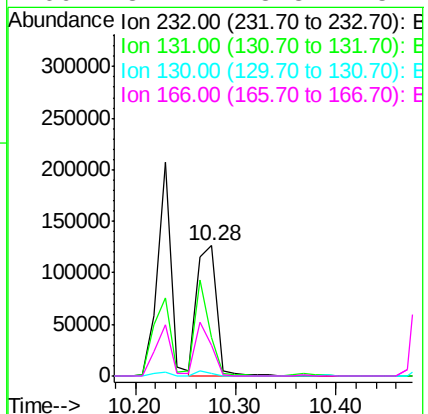
Ion Ratio Lower Upper

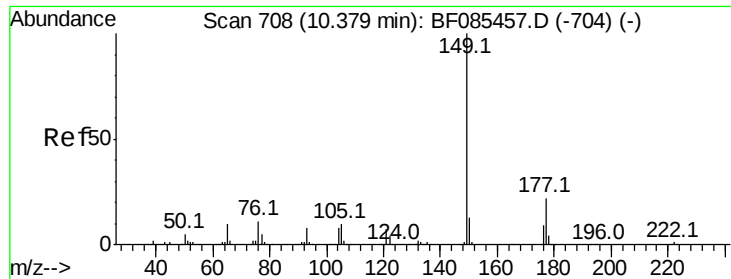
232 100

131 55.4 46.0 69.0

130 2.8 2.2 3.4

166 34.2 28.8 43.2





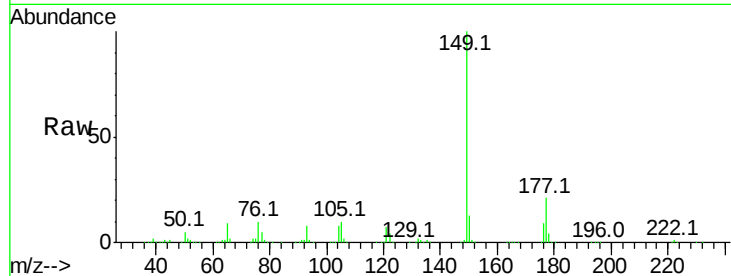
#59
Diethylphthalate
Concen: 43.15 ng
RT: 10.37 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

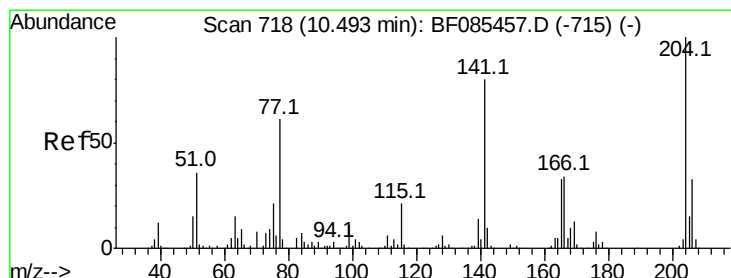
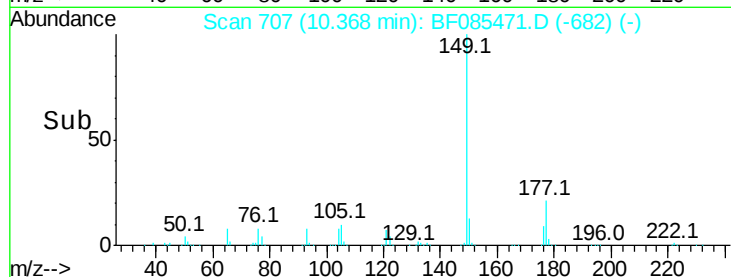
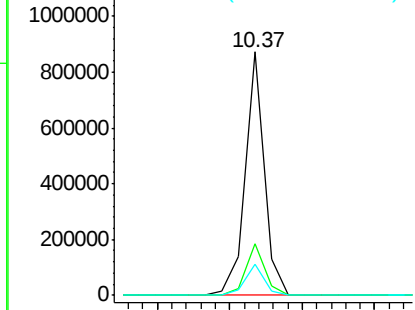
Tot Ion	Ratio	Resp	Lower	Upper
149	100	793861		
177	21.4	19.2	28.8	
150	12.9	9.9	14.9	

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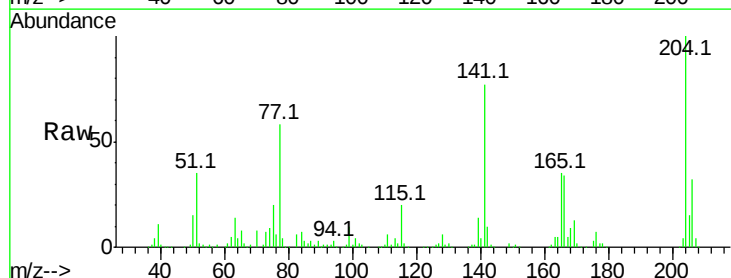


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

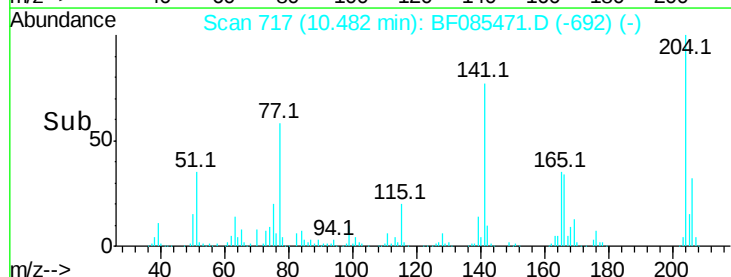
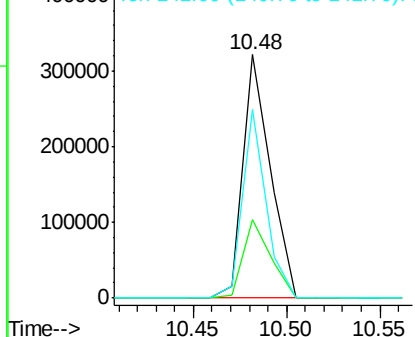


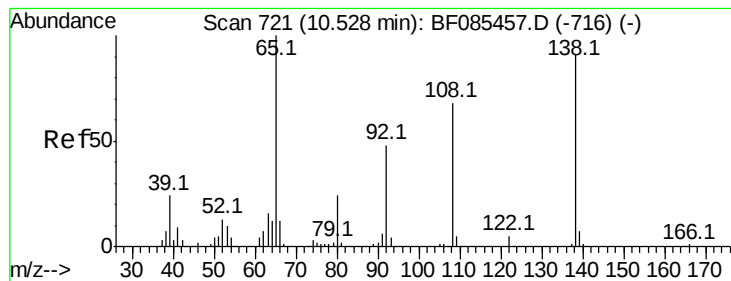
#60
4-Chlorophenyl-phenylether
Concen: 40.05 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	326654		
206	32.3	26.5	39.7	
141	77.2	55.4	83.2	



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





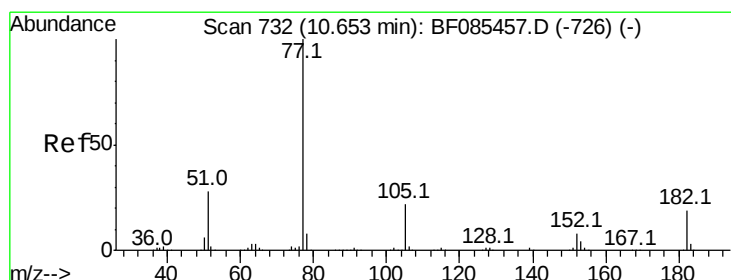
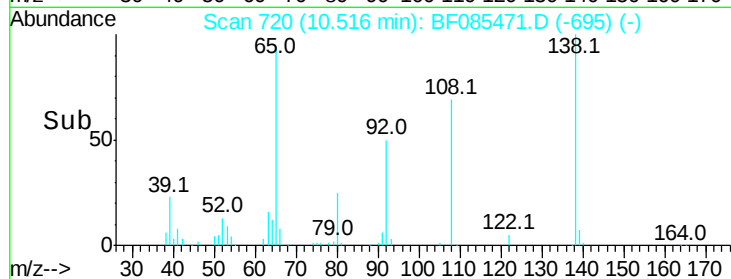
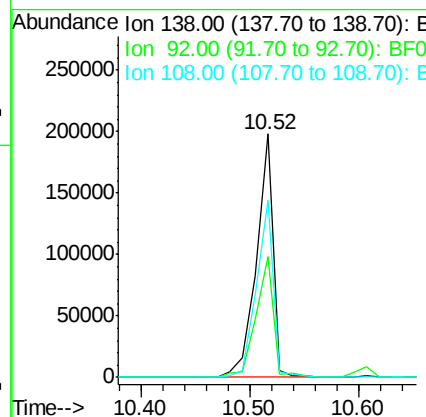
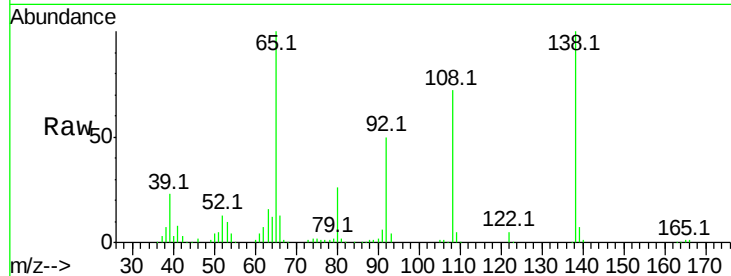
#61
4-Nitroaniline
Concen: 45.21 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampled :
PB88925BS

Tot Ion:	138	Resp:	213409
Ion Ratio	Lower	Upper	
138	100		
92	49.8	34.2	74.2
108	72.5	53.9	93.9

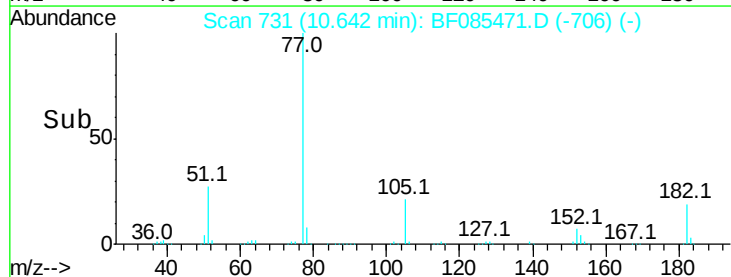
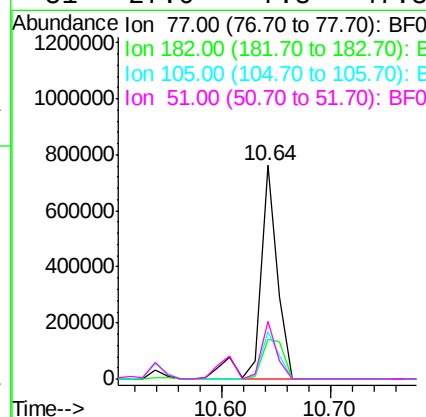
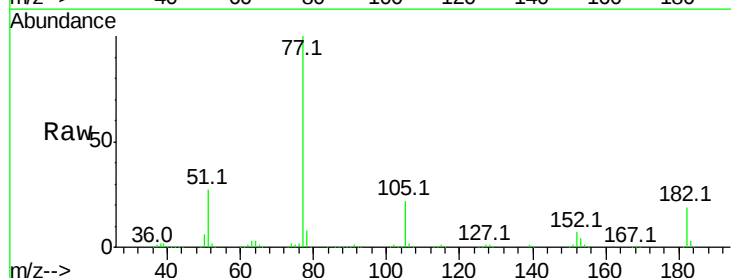
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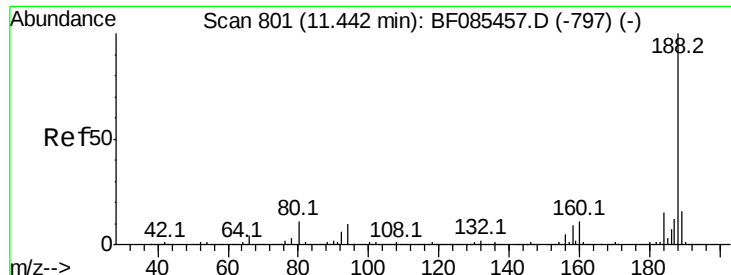
Sohil
3/17/2016 5:20:02 PM



#62
Azobenzene
Concen: 46.85 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion:	77	Resp:	855982
Ion Ratio	Lower	Upper	
77	100		
182	18.6	2.1	42.1
105	22.4	3.8	43.8
51	27.0	7.8	47.8





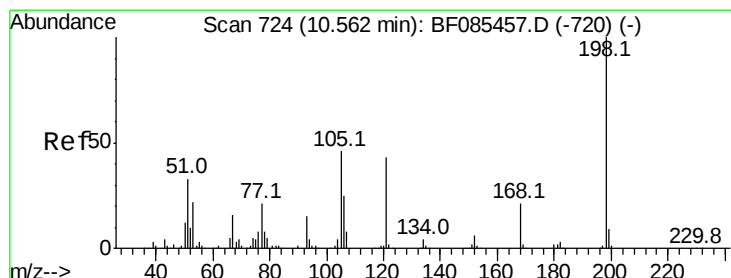
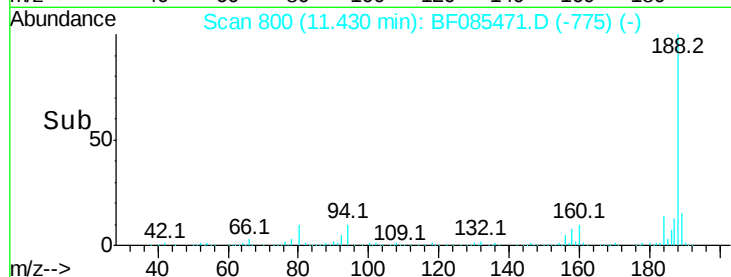
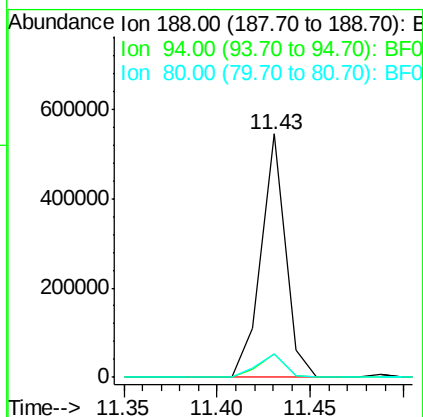
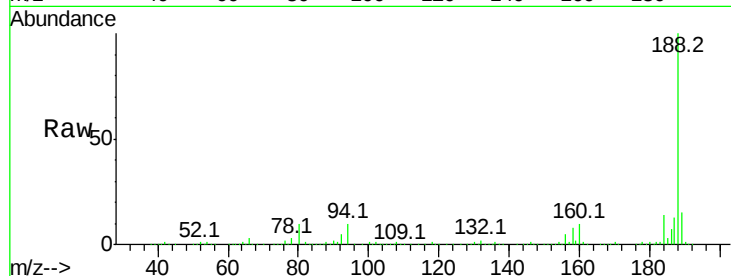
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	7.0	10.6
80	9.5	7.4	11.0

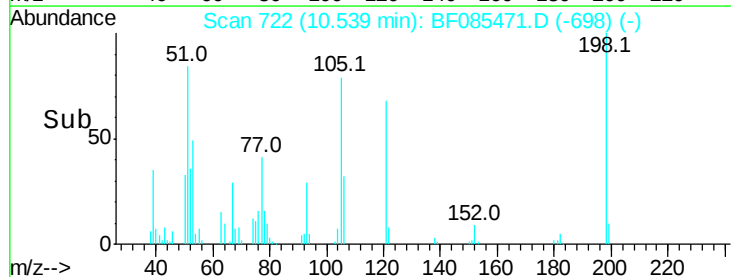
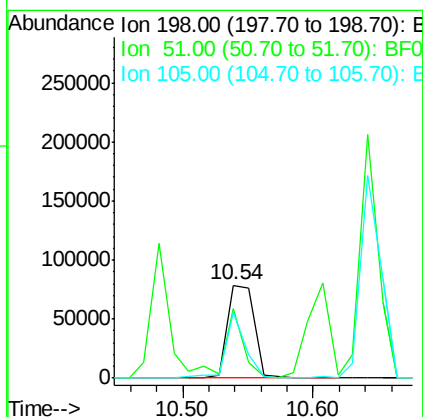
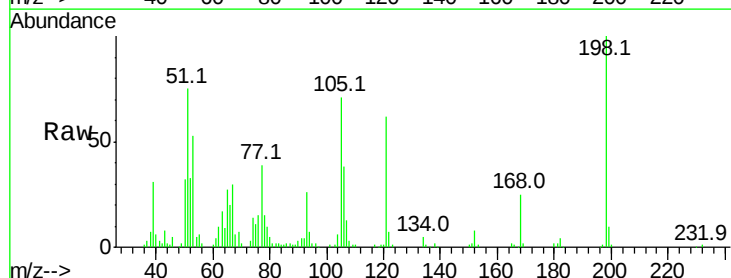
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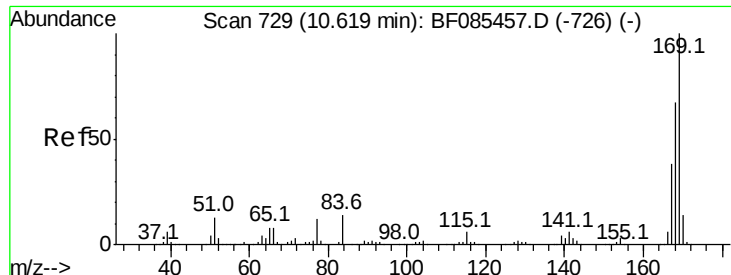
Sohil
3/17/2016 5:20:02 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.75 ng
RT: 10.54 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	75.0	9.5	49.5#
105	70.6	20.5	60.5#





#65

n-Nitrosodiphenylamine

Concen: 45.07 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

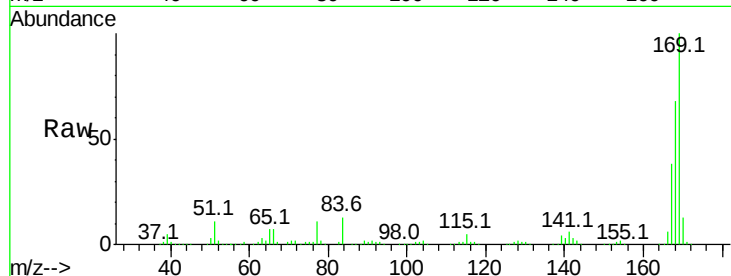
ClientSampleId :

PB88925BS

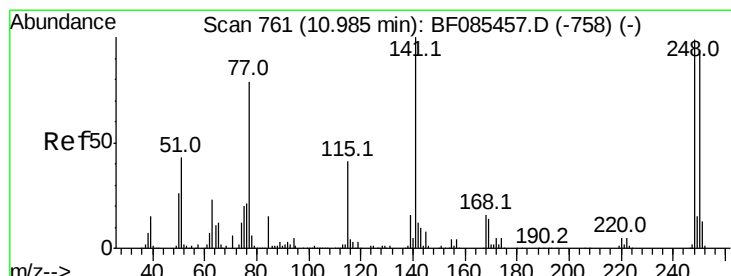
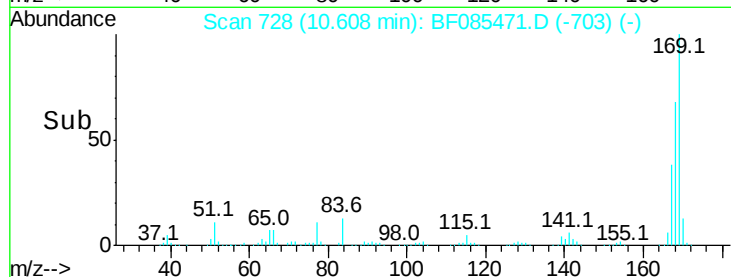
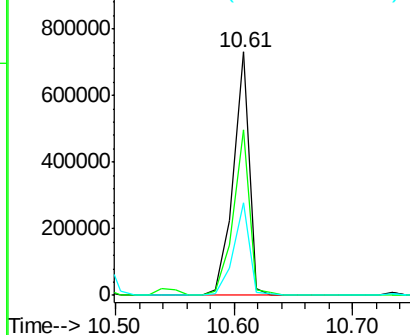
Tot Ion:	169	Resp:	684077
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.8	82.2
167	37.9	30.3	45.5

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



#66

4-Bromophenyl-phenylether

Concen: 40.74 ng

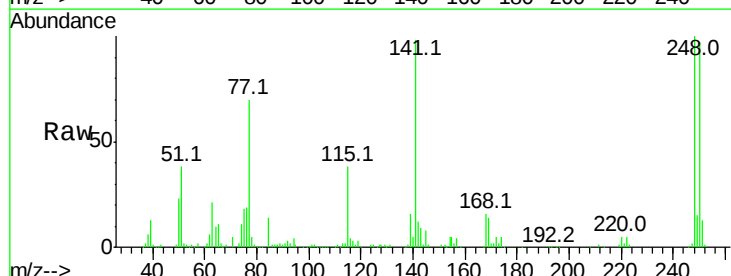
RT: 10.97 min Scan# 760

Delta R.T. -0.01 min

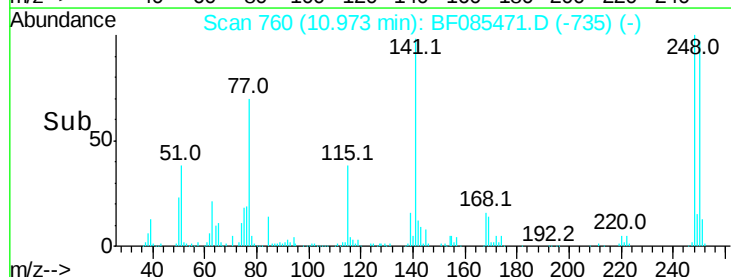
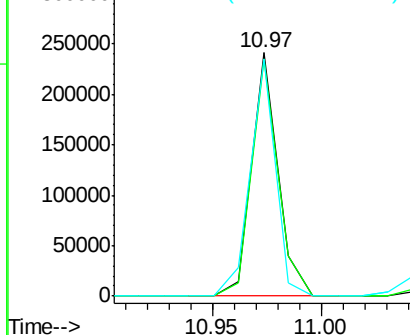
Lab File: BF085471.D

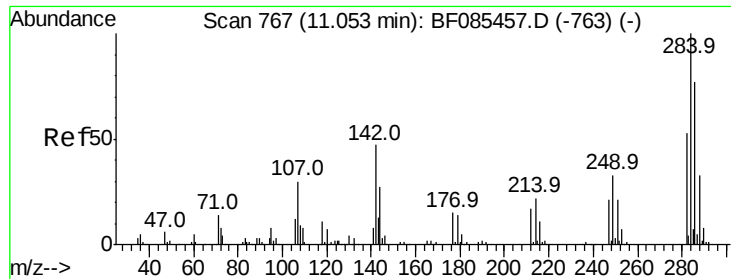
Acq: 16 Mar 2016 19:38

Tgt Ion:	248	Resp:	203074
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.1	115.7
141	97.5	66.2	99.2



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





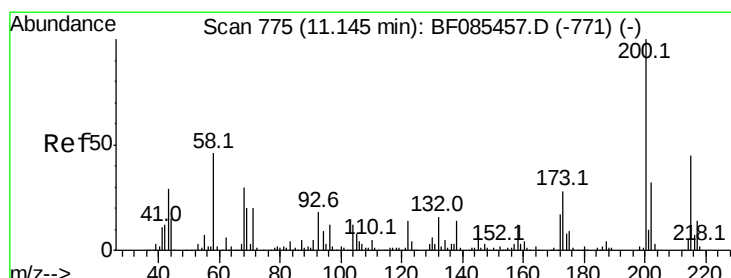
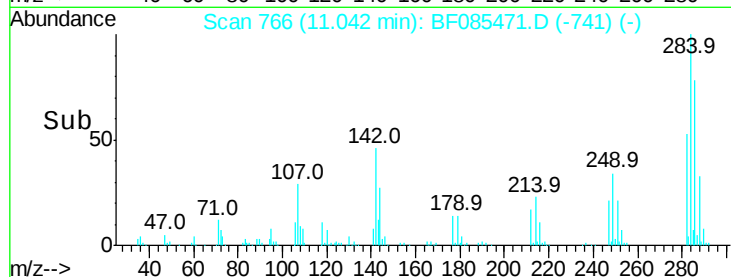
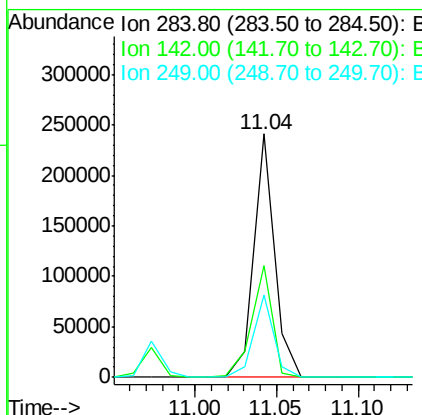
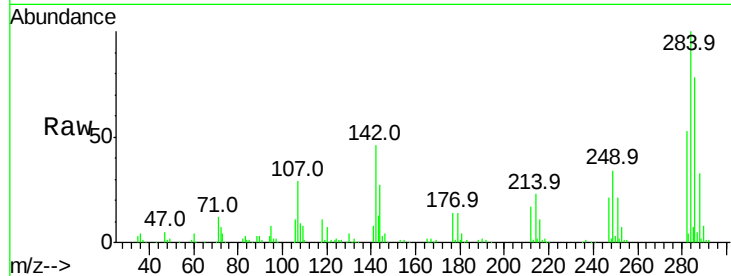
#67
Hexachlorobenzene
Concen: 41.48 ng
RT: 11.04 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	213346		
142	45.8	24.9	37.3	
249	33.8	25.0	37.4	

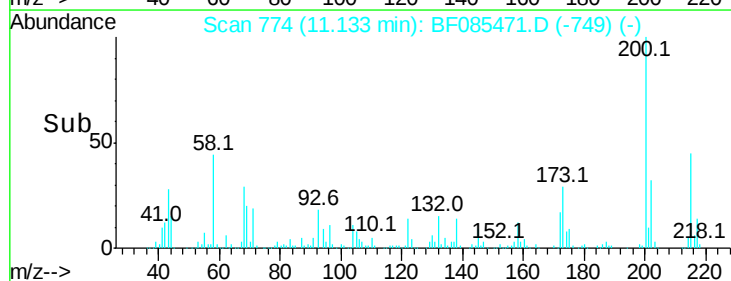
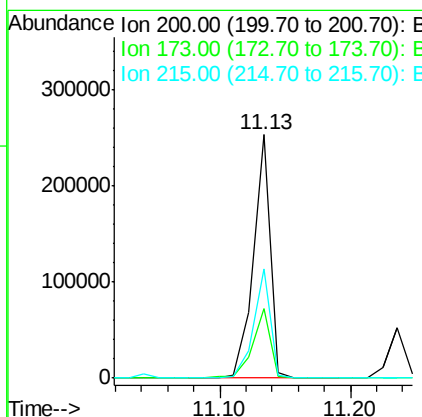
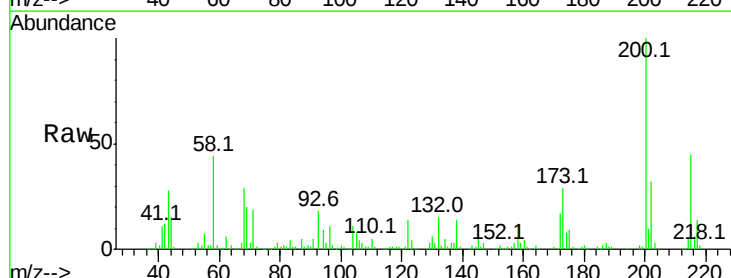
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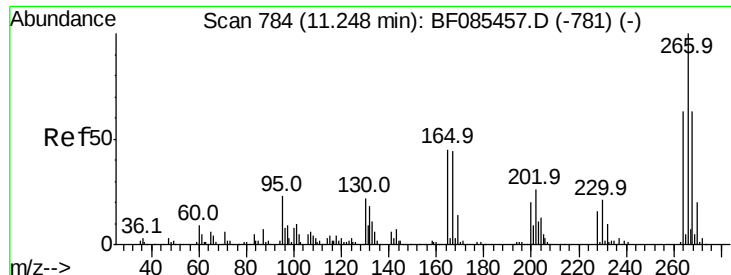
Sohil
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#68
Atrazine
Concen: 52.63 ng
RT: 11.13 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	228590		
173	28.7	10.5	50.5	
215	45.1	23.4	63.4	





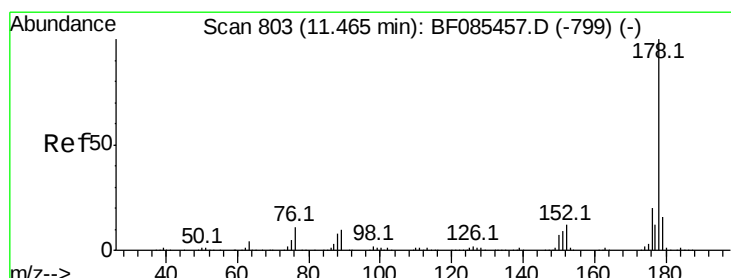
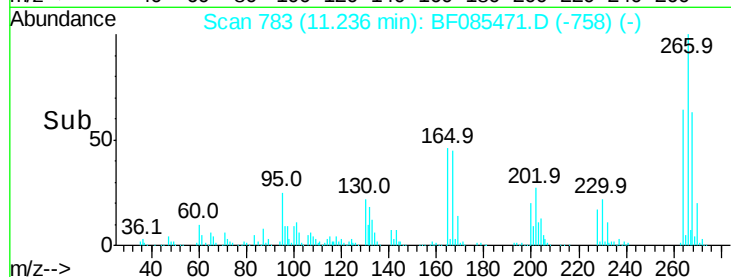
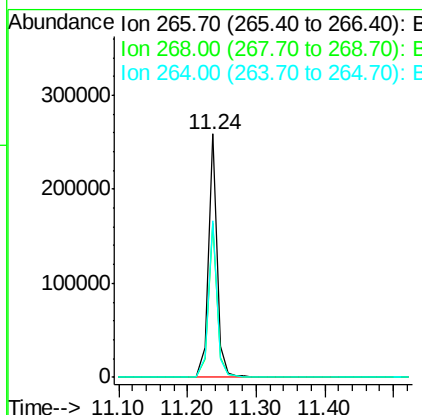
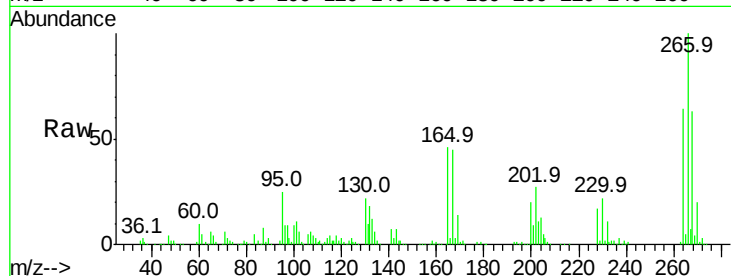
#69
 Pentachlorophenol
 Concen: 85.00 ng
 RT: 11.24 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	231739		
268	63.1	50.0	75.0	
264	64.1	51.4	77.2	

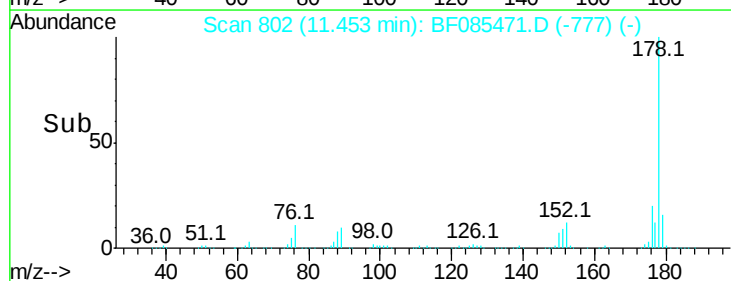
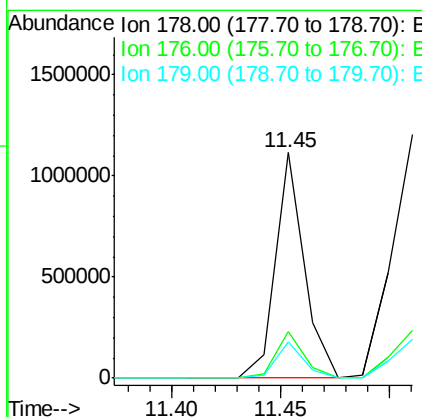
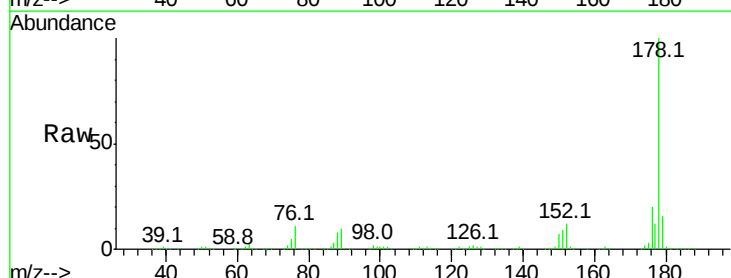
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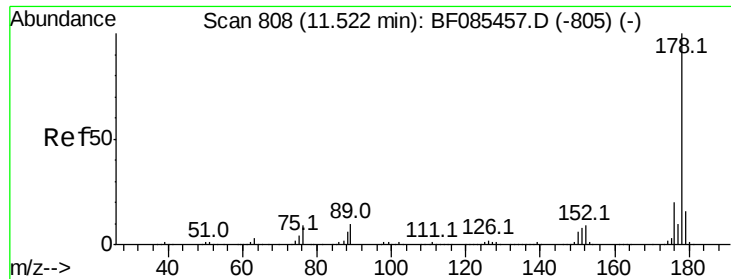
Sohil
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#70
 Phenanthrene
 Concen: 40.37 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1035619		
176	20.5	16.8	25.2	
179	16.1	13.1	19.7	





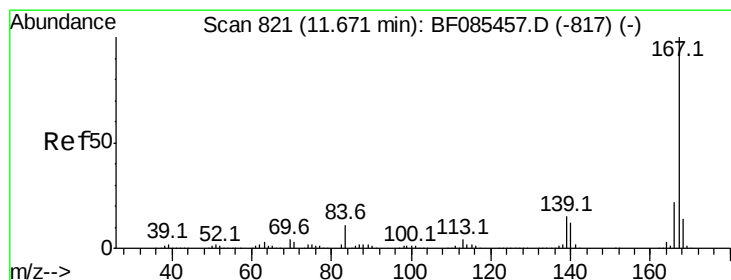
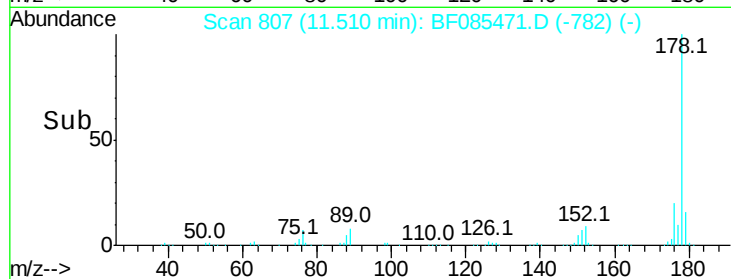
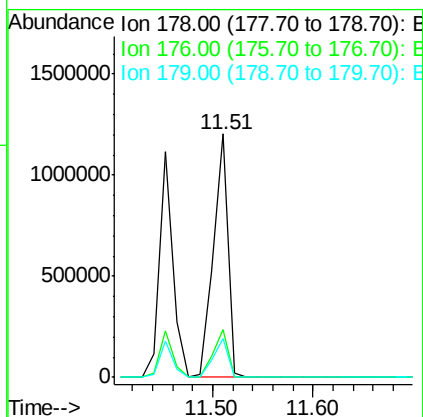
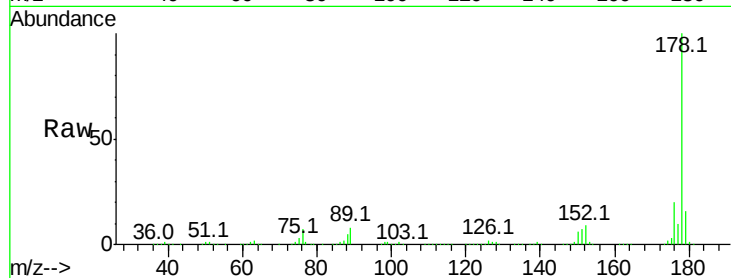
#71
 Anthracene
 Concen: 46.55 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tot Ion:178 Resp: 1216312
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.9 12.5 18.7

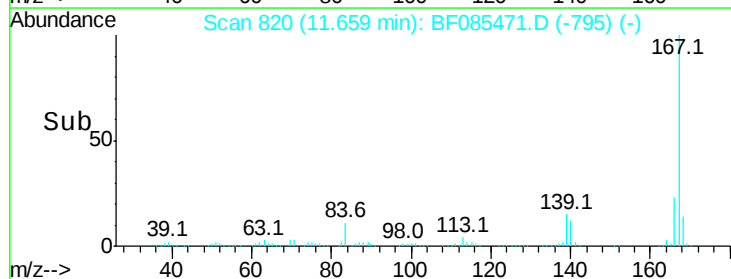
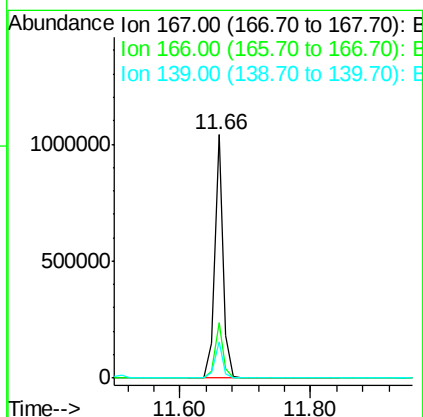
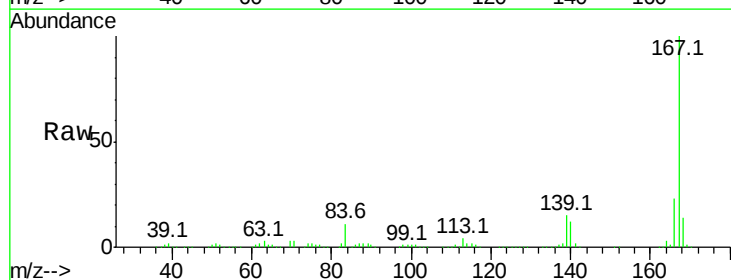
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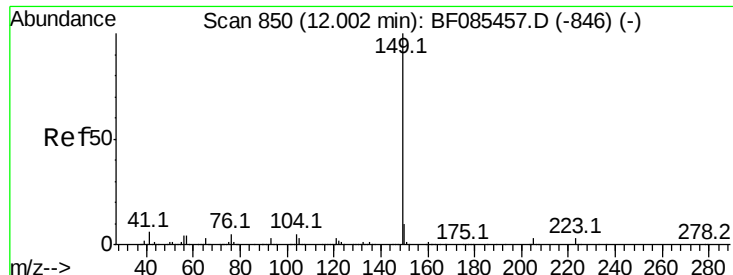
Sohil
 3/17/2016 5:20:02 PM



#72
 Carbazole
 Concen: 43.23 ng
 RT: 11.66 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion:167 Resp: 955792
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 15.2 11.4 17.0





#73

Di-n-butylphthalate

Concen: 46.98 ng

RT: 11.99 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

Tot Ion:149 Resp: 1286657

Ion Ratio Lower Upper

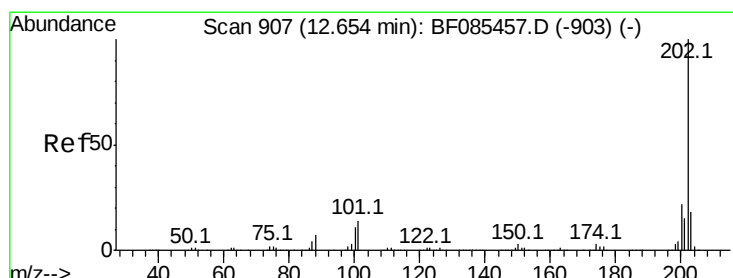
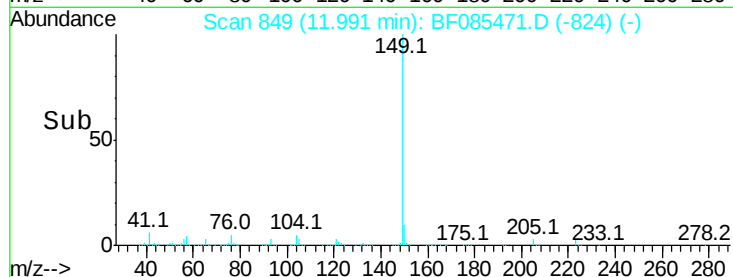
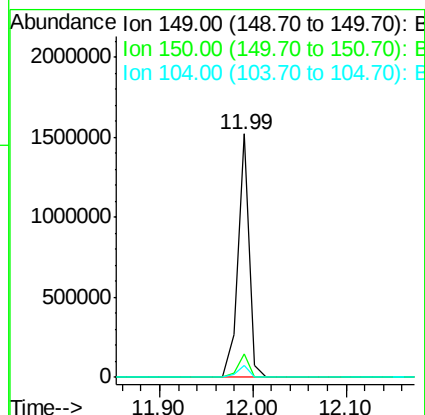
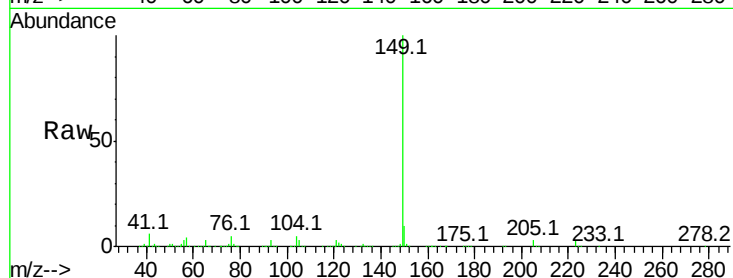
149 100

150 9.6 7.8 11.6

104 4.9 4.7 7.1

Manual Integrations
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3/17/2016 5:20:02 PM



#74

Fluoranthene

Concen: 47.55 ng

RT: 12.64 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

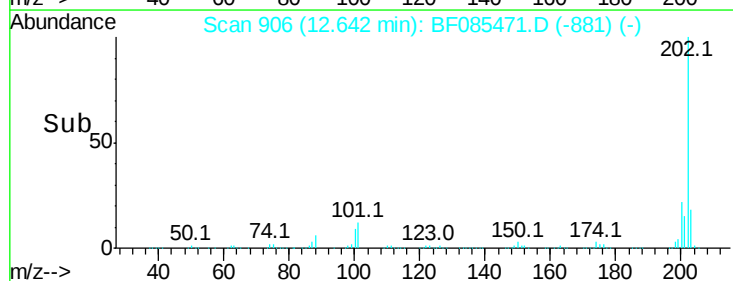
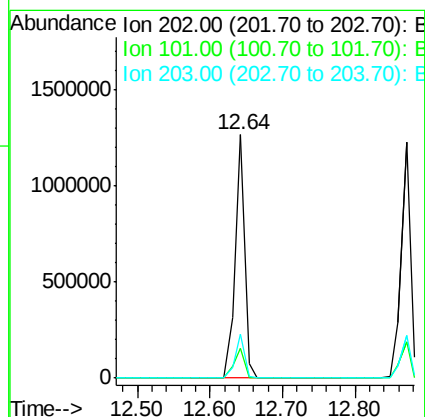
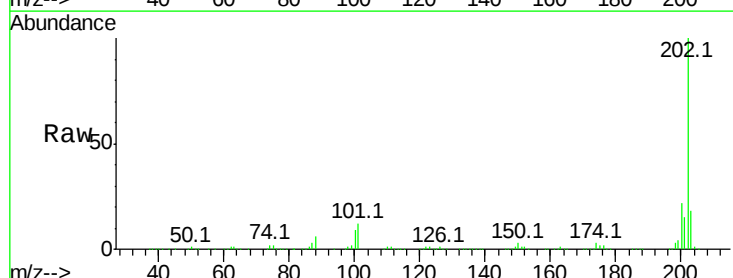
Tgt Ion:202 Resp: 1146669

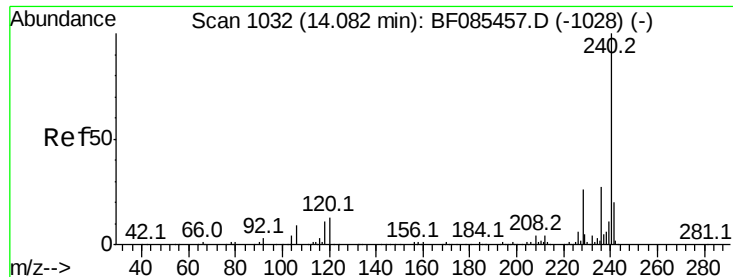
Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.8

203 18.1 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

Tot Ion:240 Resp: 376898

Ion Ratio Lower Upper

240 100

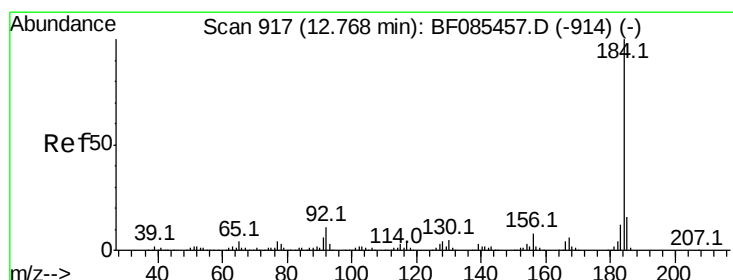
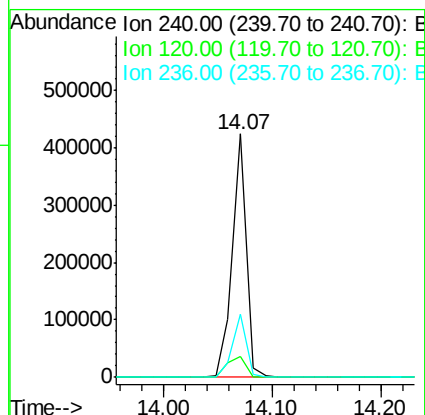
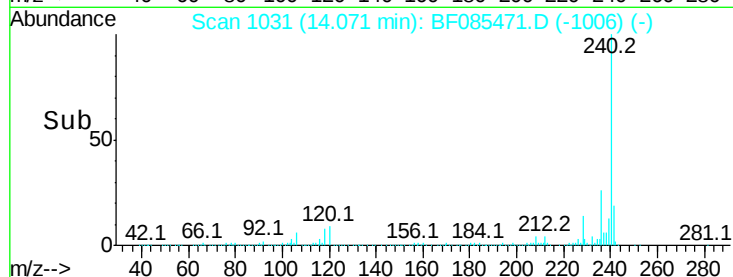
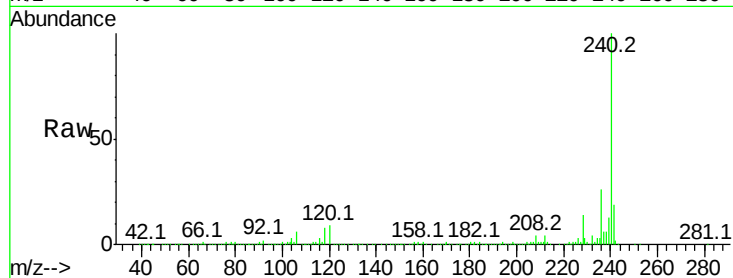
120 8.8 5.3 7.9#

236 26.1 20.7 31.1

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#76

Benzidine

Concen: 29.19 ng

RT: 12.76 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

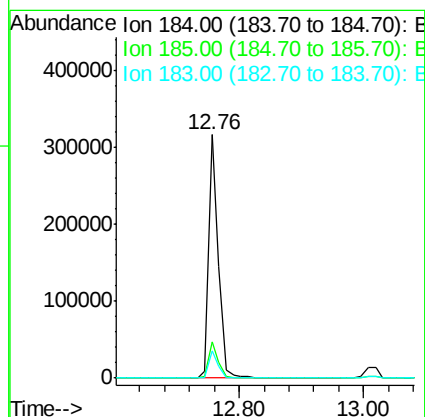
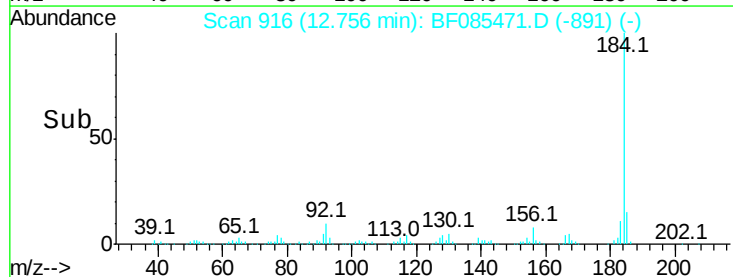
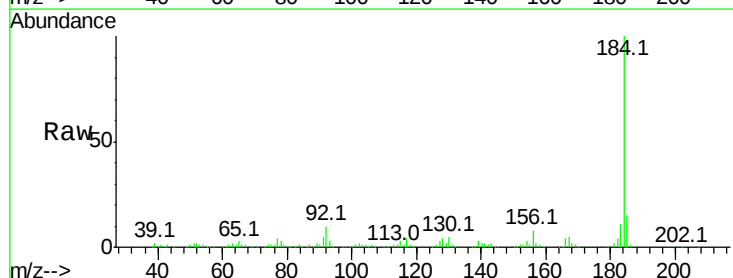
Tgt Ion:184 Resp: 341733

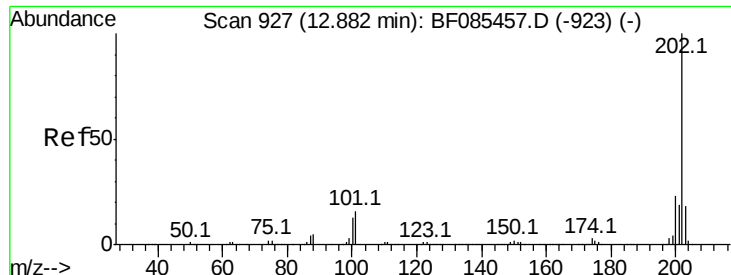
Ion Ratio Lower Upper

184 100

185 14.7 12.4 18.6

183 11.3 9.4 14.2





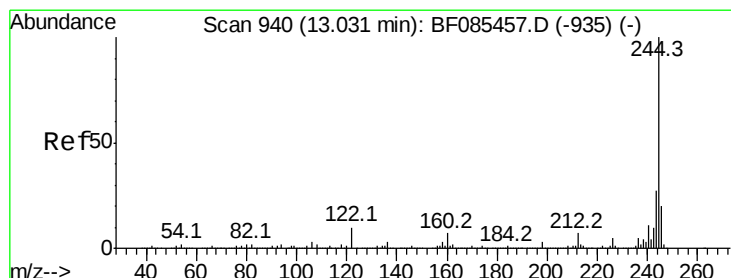
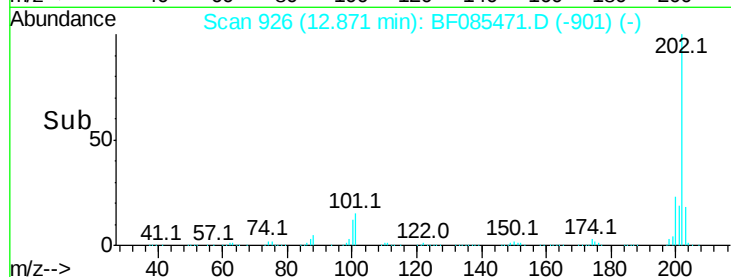
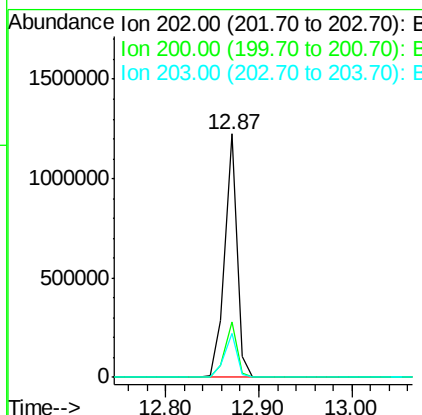
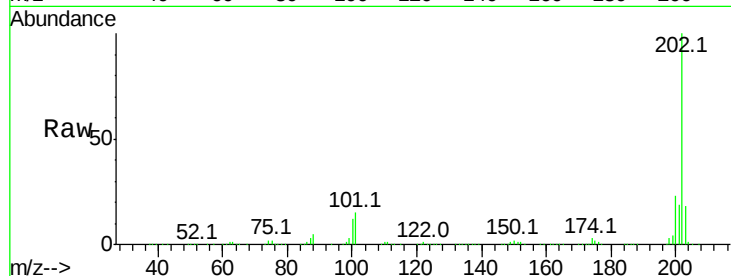
#77
Pvrene
Concen: 39.73 ng
RT: 12.87 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.2	27.4
203	18.3	14.7	22.1

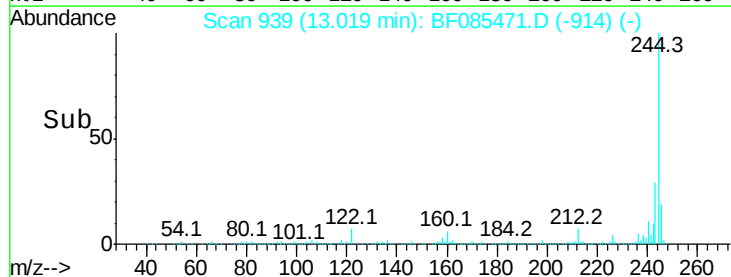
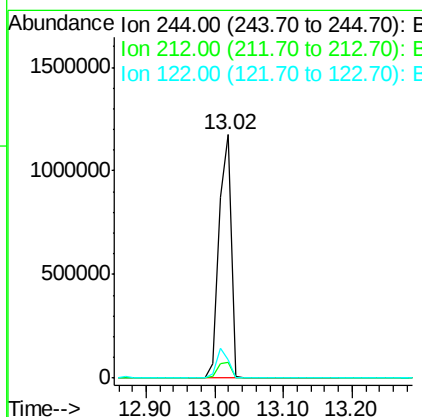
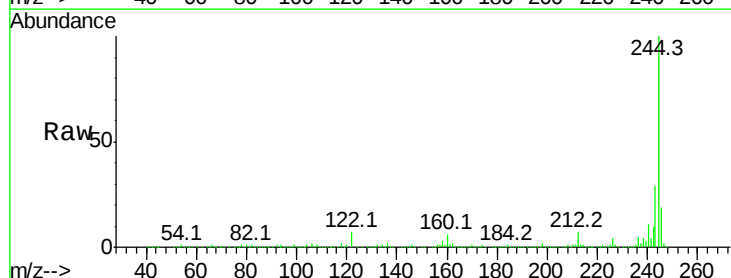
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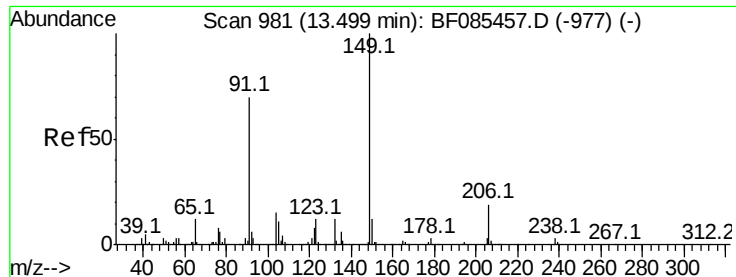
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#78
Terphenyl-d14
Concen: 87.95 ng
RT: 13.02 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.4	9.6
122	7.5	11.4	17.2#





#79

Butylbenzylphthalate

Concen: 45.20 ng

RT: 13.49 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

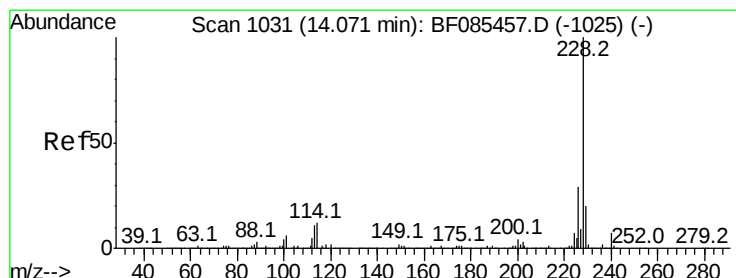
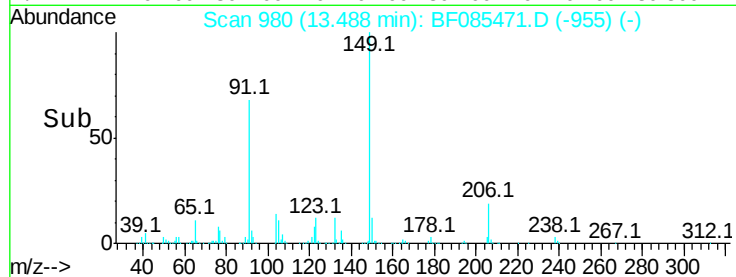
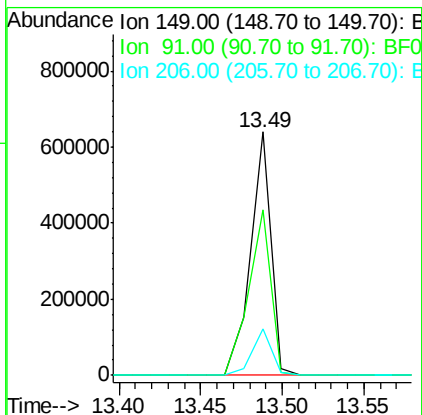
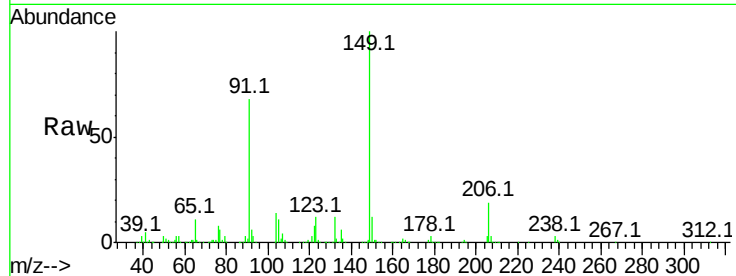
ClientSampleId :

PB88925BS

Tot Ion:	149	Resp:	558713
Ion Ratio	Lower	Upper	
149	100		
91	67.8	69.0	103.4#
206	19.1	12.3	18.5#

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#80

Benzo(a)anthracene

Concen: 41.24 ng

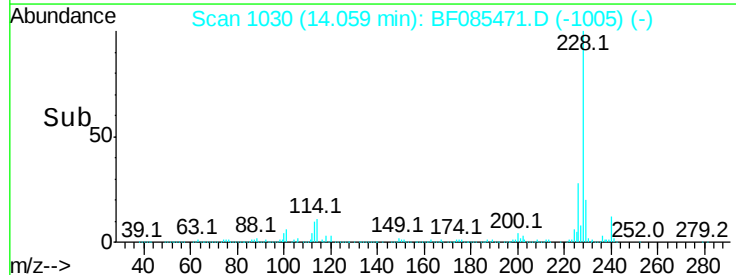
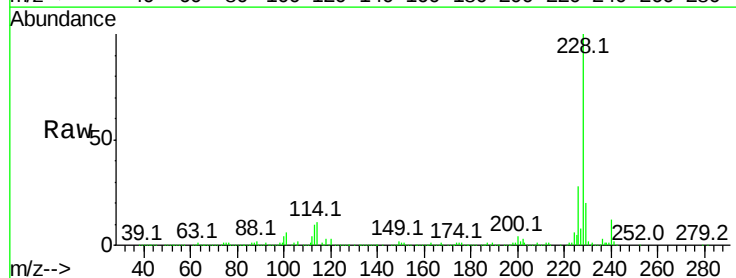
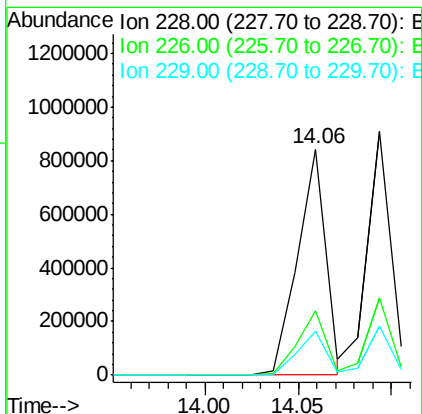
RT: 14.06 min Scan# 1030

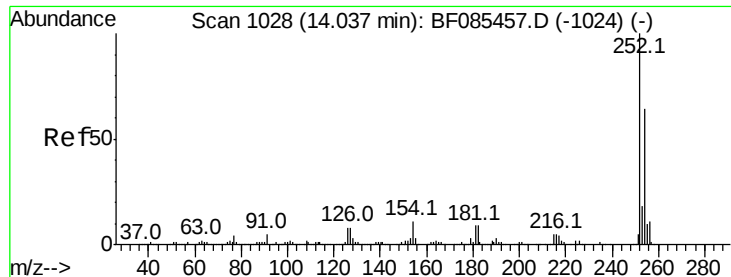
Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Tgt Ion:	228	Resp:	891110
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.8	34.2
229	19.7	16.6	24.8





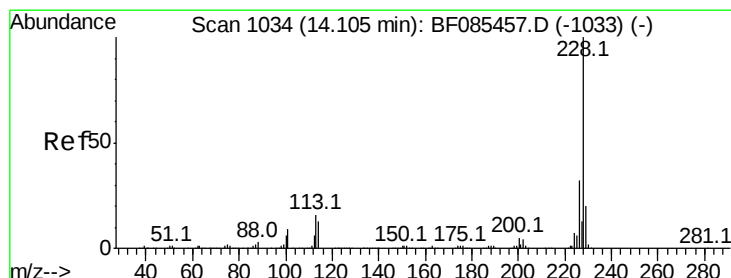
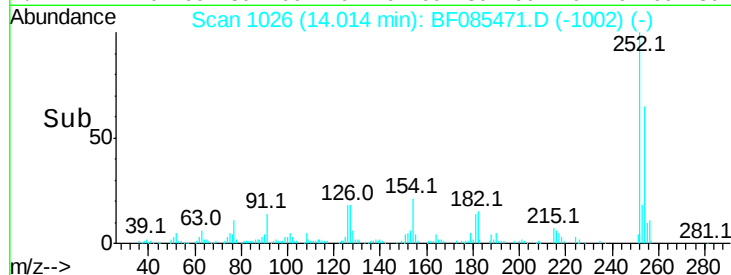
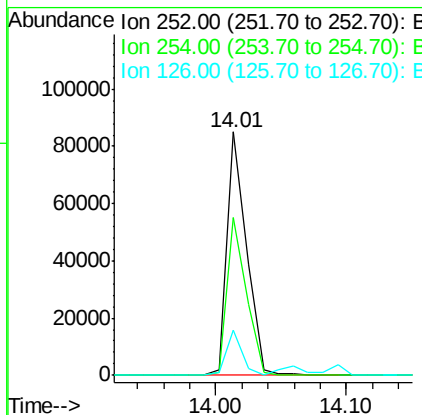
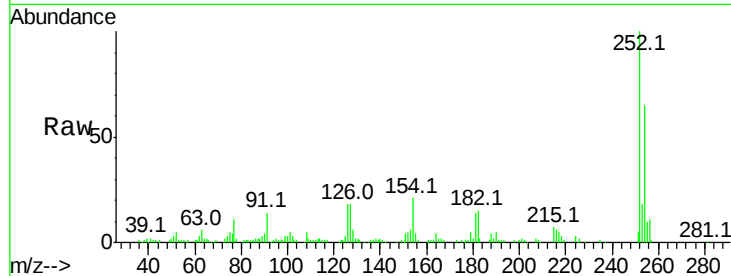
#81
 3,3'-Dichlorobenzidine
 Concen: 12.09 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.0
126	18.5	12.9	19.3

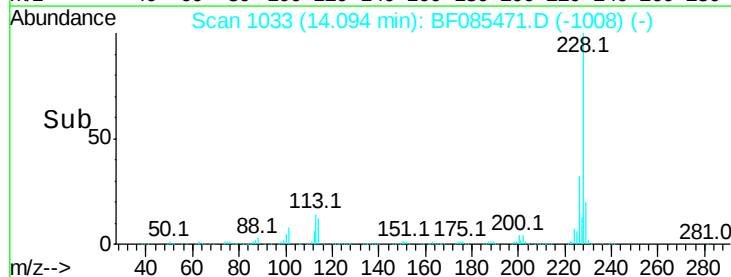
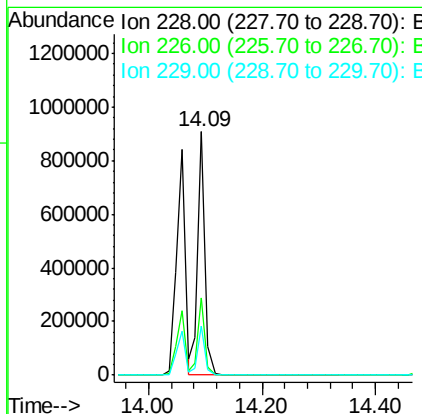
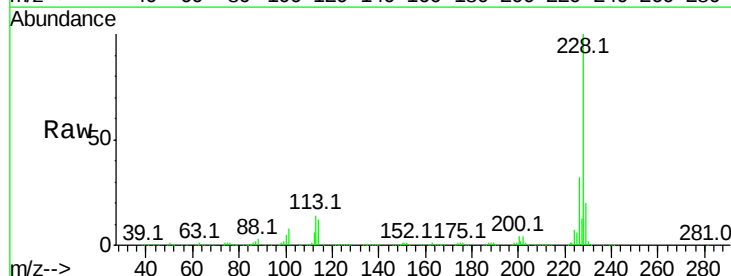
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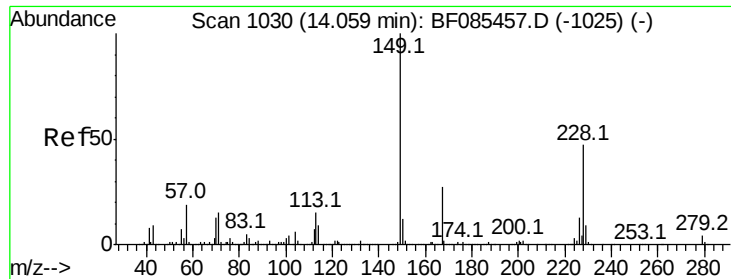
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#82
 Chrysene
 Concen: 41.65 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.2	37.8
229	20.3	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.38 ng

RT: 14.05 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF085471.D

Acq: 16 Mar 2016 19:38

Instrument :

BNA_F

ClientSampleId :

PB88925BS

Tot Ion:149 Resp: 699331
Ion Ratio Lower Upper

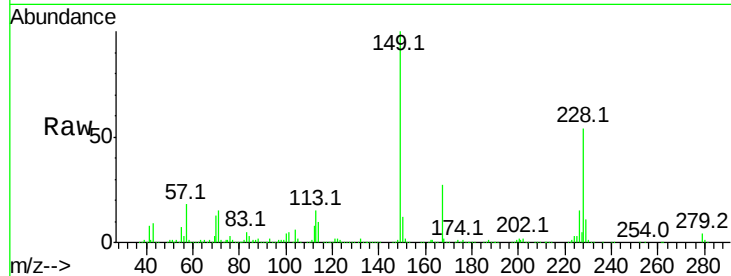
149 100

167 26.8 20.3 30.5

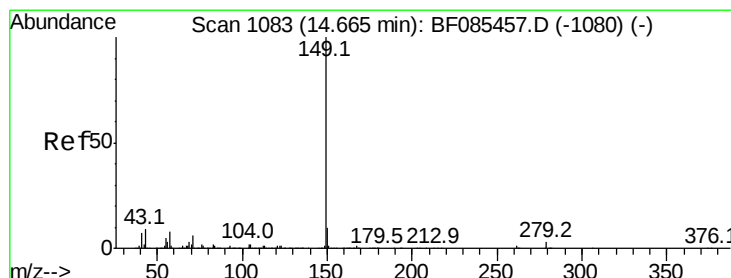
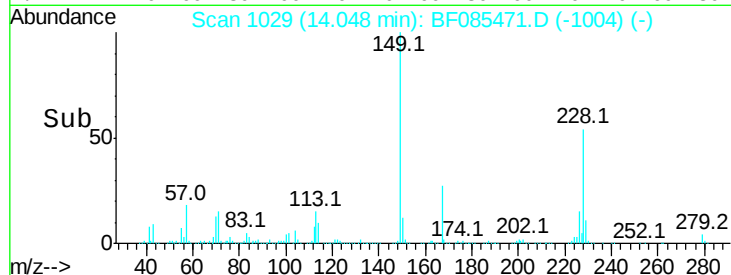
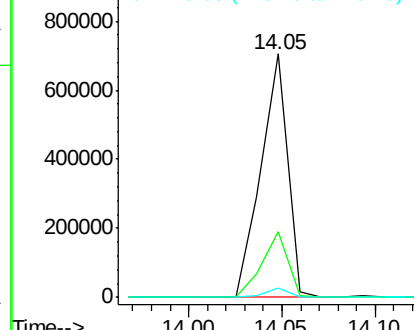
279 4.0 1.9 2.9#

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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: 47.57 ng

RT: 14.65 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF085471.D

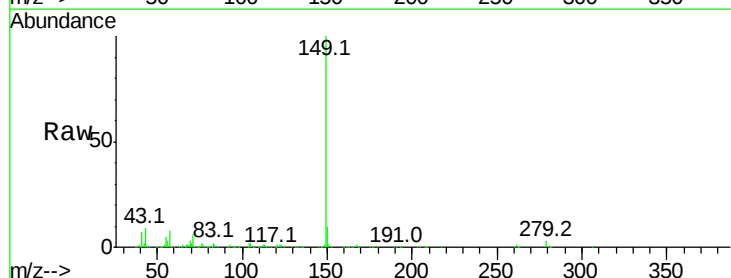
Acq: 16 Mar 2016 19:38

Tgt Ion:149 Resp: 1047081
Ion Ratio Lower Upper

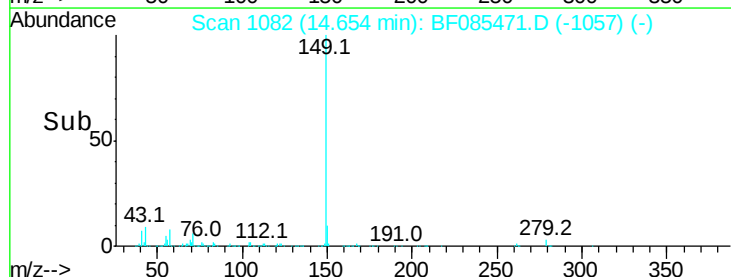
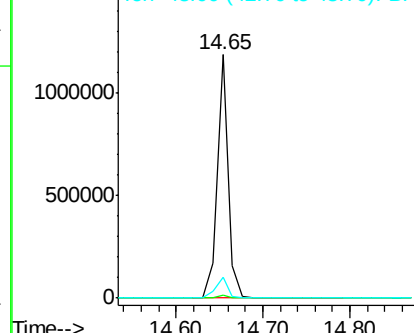
149 100

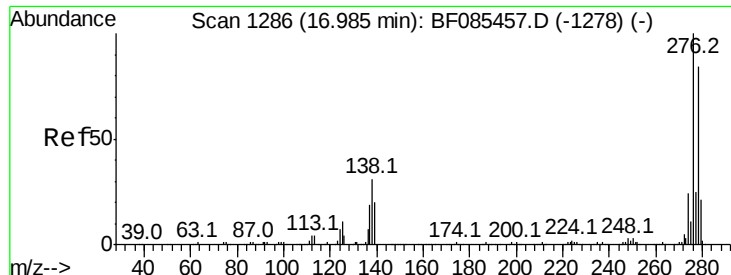
167 1.6 1.1 1.7

43 9.0 7.8 11.8



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





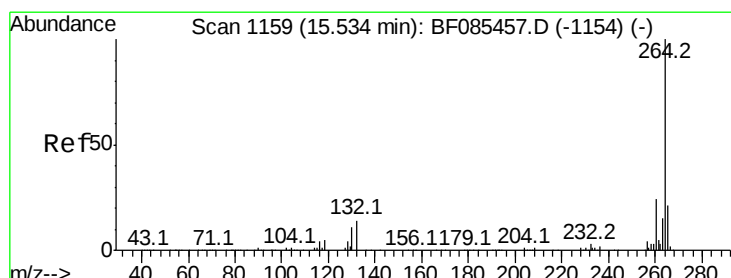
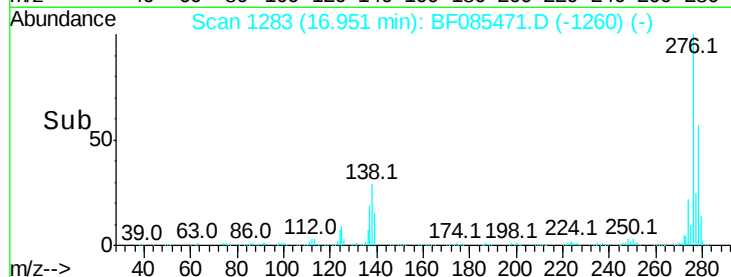
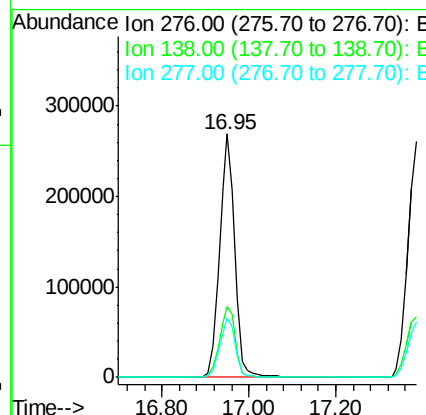
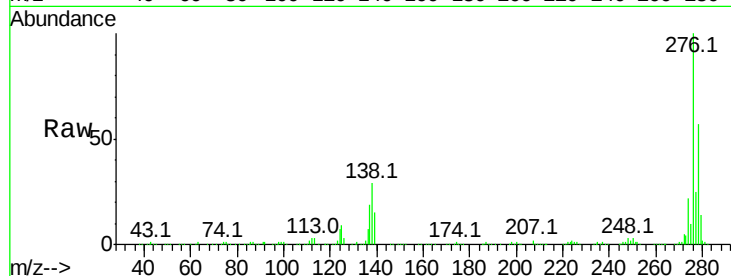
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.28 ng
 RT: 16.95 min Scan# 1283
 Delta R.T. -0.03 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.3	26.4	39.6
277	25.1	20.2	30.2

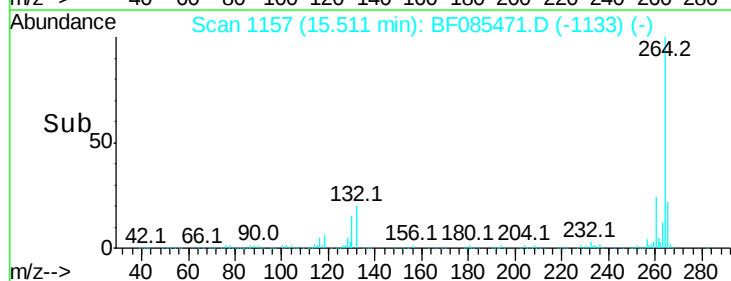
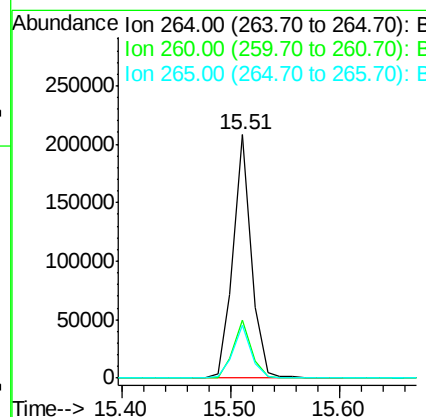
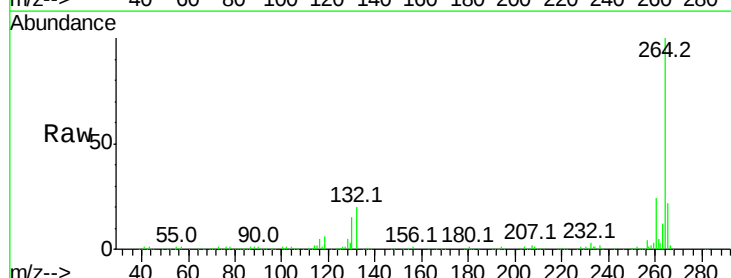
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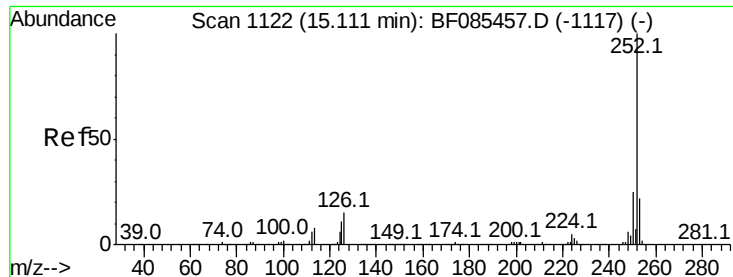
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	17.3	25.9





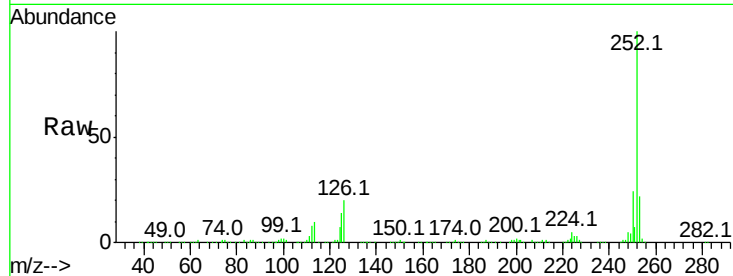
#87
Benzo(b)fluoranthene
Concen: 48.68 ng
RT: 15.09 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

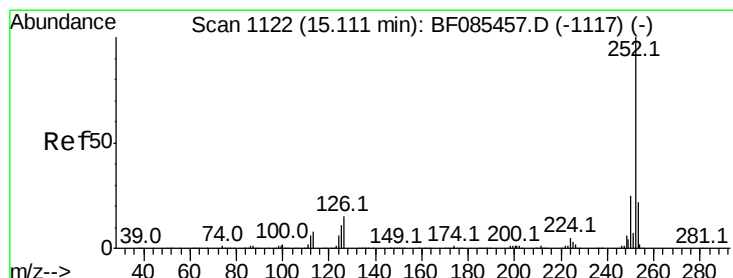
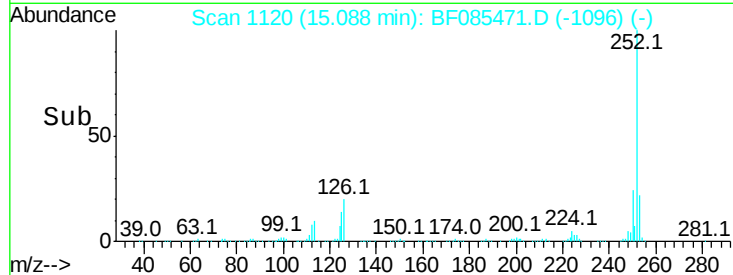
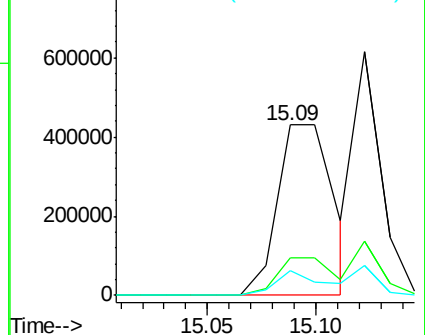
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	14.4	11.3	16.9

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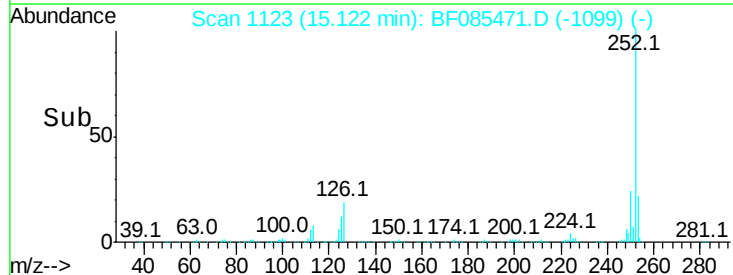
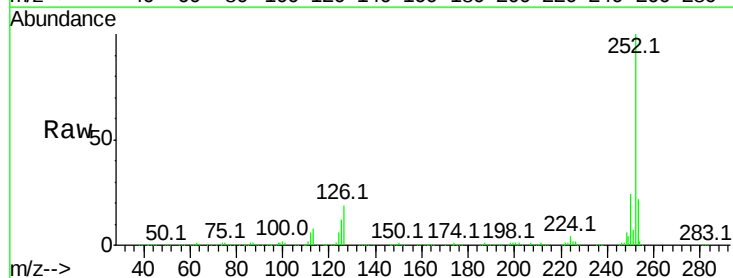
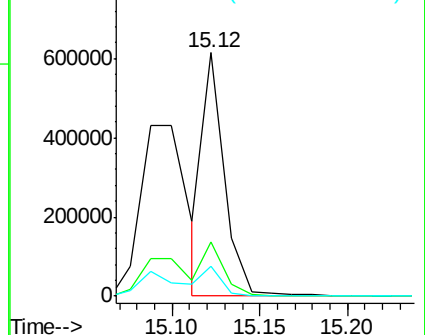
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

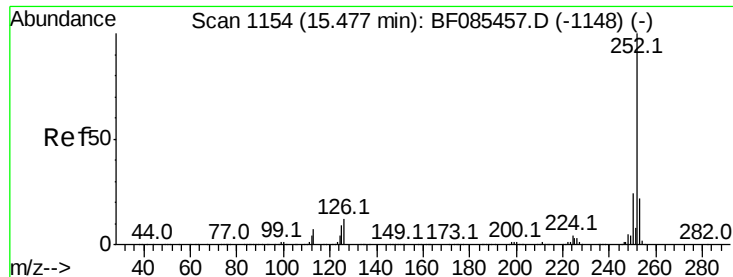


#88
Benzo(k)fluoranthene
Concen: 43.51 ng m
RT: 15.12 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	12.5	10.4	15.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





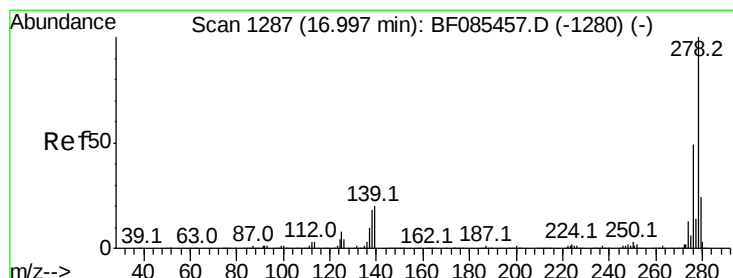
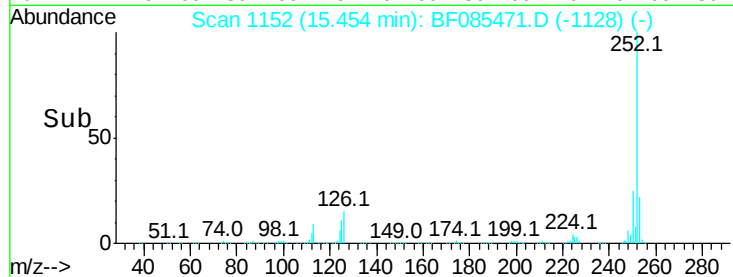
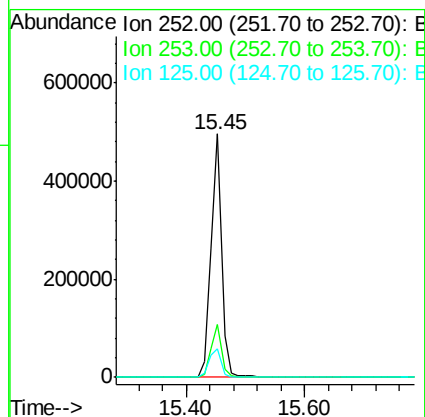
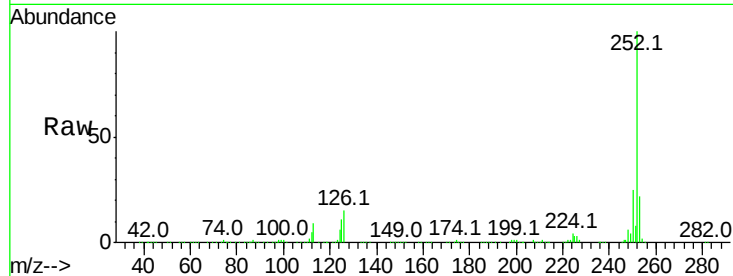
#89
Benzo(a)pyrene
Concen: 44.84 ng
RT: 15.45 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Tot Ion:	252	Resp:	614728
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.0
125	11.5	8.2	12.4

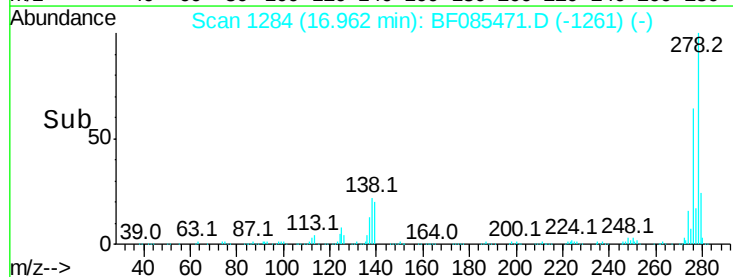
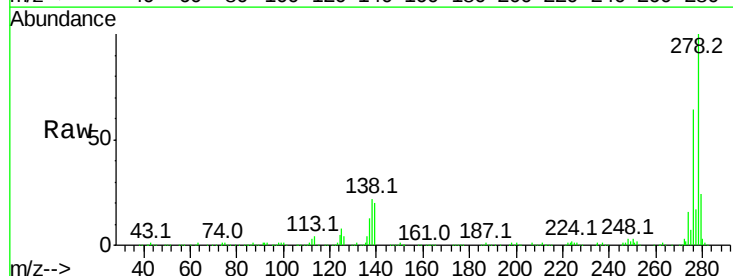
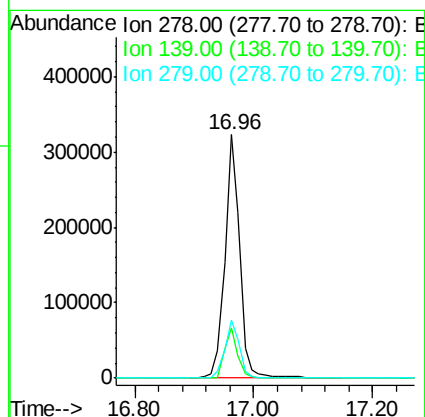
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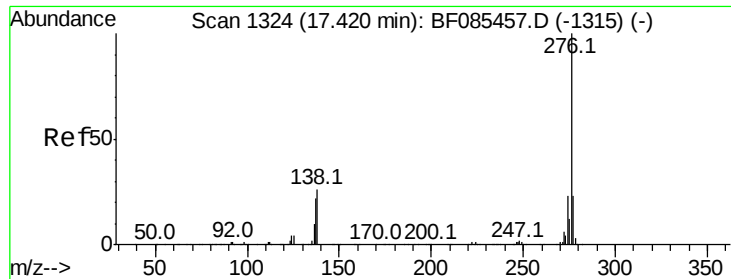
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 41.80 ng
RT: 16.96 min Scan# 1284
Delta R.T. -0.03 min
Lab File: BF085471.D
Acq: 16 Mar 2016 19:38

Tgt Ion:	278	Resp:	559857
Ion Ratio	Lower	Upper	
278	100		
139	20.4	17.3	25.9
279	23.7	19.2	28.8





#91
 Benzo(a,h,i)perylene
 Concen: 42.17 ng
 RT: 17.39 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF085471.D
 Acq: 16 Mar 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BS

Tot Ion:	276	Resp:	576794
Ion Ratio		Lower	Upper
276	100		
277	23.2	19.0	28.4
138	25.7	22.5	33.7

Manual Integrations
 APPROVED

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 3/17/2016 5:20:02 PM

