

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089600.D
 Acq On : 4 Aug 2016 21:56
 Operator : UM/SJ
 Sample : PB92672BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92672BS

Manual Integrations
 APPROVED

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 8/5/2016 6:58:53 PM

Quant Time: Aug 05 02:02:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	46948	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	203661	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	98695	20.00	ng	0.00
63) Phenanthrene-d10	14.70	188	185100	20.00	ng	0.00
75) Chrysene-d12	18.39	240	138064	20.00	ng	0.00
86) Perylene-d12	20.05	264	98306	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	351088	125.34	ng	0.04
7) Phenol-d6	6.98	99	462453	121.70	ng	0.00
23) Nitrobenzene-d5	8.35	82	291494	79.17	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	99907	122.66	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	553899	72.94	ng	0.00
78) Terphenyl-d14	17.05	244	498050	71.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.84	88	44028	27.42	ng	# 80
3) Pyridine	2.40	79	106444	36.07	ng	98
4) n-Nitrosodimethylamine	2.38	42	43942	35.82	ng	97
6) Aniline	6.95	93	136758	27.77	ng	97
8) 2-Chlorophenol	7.12	128	143453	41.71	ng	99
9) Benzaldehyde	6.75	77	43339	31.44	ng	98
10) Phenol	7.00	94	185639	47.59	ng	98
11) bis(2-Chloroethyl)ether	7.08	93	132963	39.67	ng	95
12) 1,3-Dichlorobenzene	7.35	146	141458	37.87	ng	99
13) 1,4-Dichlorobenzene	7.47	146	139081	37.33	ng	98
14) 1,2-Dichlorobenzene	7.70	146	144347	36.76	ng	98
15) Benzyl Alcohol	7.74	79	114372	45.90	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.94	45	157015	36.79	ng	95
17) 2-Methylphenol	7.94	107	108035	43.50	ng	95
18) Hexachloroethane	8.23	117	56102	35.74	ng	94
19) n-Nitroso-di-n-propylamine	8.17	70	107821	39.28	ng	98
20) 3+4-Methylphenols	8.20	107	138710	44.25	ng	99
22) Acetophenone	8.14	105	158957	32.74	ng	# 100
24) Nitrobenzene	8.39	77	141046	40.33	ng	96
25) Isophorone	8.79	82	285642	40.51	ng	99
26) 2-Nitrophenol	8.89	139	66442	41.40	ng	97
27) 2,4-Dimethylphenol	9.03	122	123704	42.87	ng	100
28) bis(2-Chloroethoxy)methane	9.18	93	174233	40.85	ng	99
29) 2,4-Dichlorophenol	9.30	162	111284	40.76	ng	99
30) 1,2,4-Trichlorobenzene	9.40	180	120411	38.61	ng	98
31) Naphthalene	9.51	128	420058	38.81	ng	99
32) Benzoic acid	9.35	122	56493	31.16	ng	98
33) 4-Chloroaniline	9.67	127	48191	11.85	ng	96
34) Hexachlorobutadiene	9.72	225	65608	36.54	ng	99
35) Caprolactam	10.27	113	35282m	44.34	ng	
36) 4-Chloro-3-methylphenol	10.51	107	133968	42.21	ng	99
37) 2-Methylnaphthalene	10.63	142	261162	39.23	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	105540	28.45	ng	99
40) Hexachlorocyclopentadiene	10.89	237	99227	77.60	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	73875	40.38	nq	100
43) 2,4,5-Trichlorophenol	11.20	196	81455	41.66	nq	99
45) 1,1'-Biphenyl	11.40	154	301716	33.90	nq	100
46) 2-Chloronaphthalene	11.42	162	254257	38.10	nq	98
47) 2-Nitroaniline	11.62	65	81302	37.80	nq	99
48) Acenaphthylene	12.07	152	413634	37.63	nq	100
49) Dimethylphthalate	11.96	163	316925	40.97	nq	100
50) 2,6-Dinitrotoluene	12.04	165	67984	44.20	nq	95
51) Acenaphthene	12.35	154	246558	38.83	nq	99
52) 3-Nitroaniline	12.31	138	39527	21.49	nq	# 91
53) 2,4-Dinitrophenol	12.50	184	54280	79.86	nq	98
54) Dibenzofuran	12.64	168	379272	43.45	nq	99
55) 4-Nitrophenol	12.67	139	81623m	90.75	nq	
56) 2,4-Dinitrotoluene	12.70	165	93129	43.05	nq	91
57) Fluorene	13.19	166	296722	39.77	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.87	232	67693	45.60	nq	98
59) Diethylphthalate	13.11	149	326191	40.77	nq	98
60) 4-Chlorophenyl-phenylether	13.22	204	135807	39.70	nq	98
61) 4-Nitroaniline	13.31	138	64590	39.05	nq	94
62) Azobenzene	13.49	77	356917	46.13	nq	99
64) 4,6-Dinitro-2-methylphenol	13.37	198	45771	41.26	nq	83
65) n-Nitrosodiphenylamine	13.44	169	261851	41.89	nq	99
66) 4-Bromophenyl-phenylether	14.01	248	76909	42.96	nq	97
67) Hexachlorobenzene	14.07	284	77717	39.46	nq	98
68) Atrazine	14.35	200	79321	45.44	nq	100
69) Pentachlorophenol	14.42	266	70115	82.99	nq	99
70) Phenanthrene	14.73	178	425166	42.24	nq	99
71) Anthracene	14.81	178	452902	41.97	nq	99
72) Carbazole	15.11	167	404407	44.97	nq	99
73) Di-n-butylphthalate	15.70	149	526963	43.32	nq	100
74) Fluoranthene	16.49	202	434889	42.03	nq	99
76) Benzidine	16.73	184	169887	40.59	nq	99
77) Pyrene	16.80	202	443159	36.31	nq	98
79) Butylbenzylphthalate	17.73	149	221687	42.68	nq	98
80) Benzo(a)anthracene	18.38	228	325575	41.04	nq	99
81) 3,3'-Dichlorobenzidine	18.37	252	62993	25.21	nq	99
82) Chrysene	18.42	228	340147	40.87	nq	100
83) Bis(2-ethylhexyl)phthalate	18.47	149	293353	40.79	nq	100
84) Di-n-octyl phthalate	19.25	149	469175	45.33	nq	100
85) Indeno(1,2,3-cd)pyrene	21.22	276	237015	37.51	nq	100
87) Benzo(b)fluoranthene	19.65	252	257242	42.55	nq	99
88) Benzo(k)fluoranthene	19.67	252	260838m	42.76	nq	
89) Benzo(a)pyrene	19.99	252	235281	41.56	nq	99
90) Dibenzo(a,h)anthracene	21.23	278	198613	37.56	nq	99
91) Benzo(g,h,i)perylene	21.57	276	195374	36.09	nq	94

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

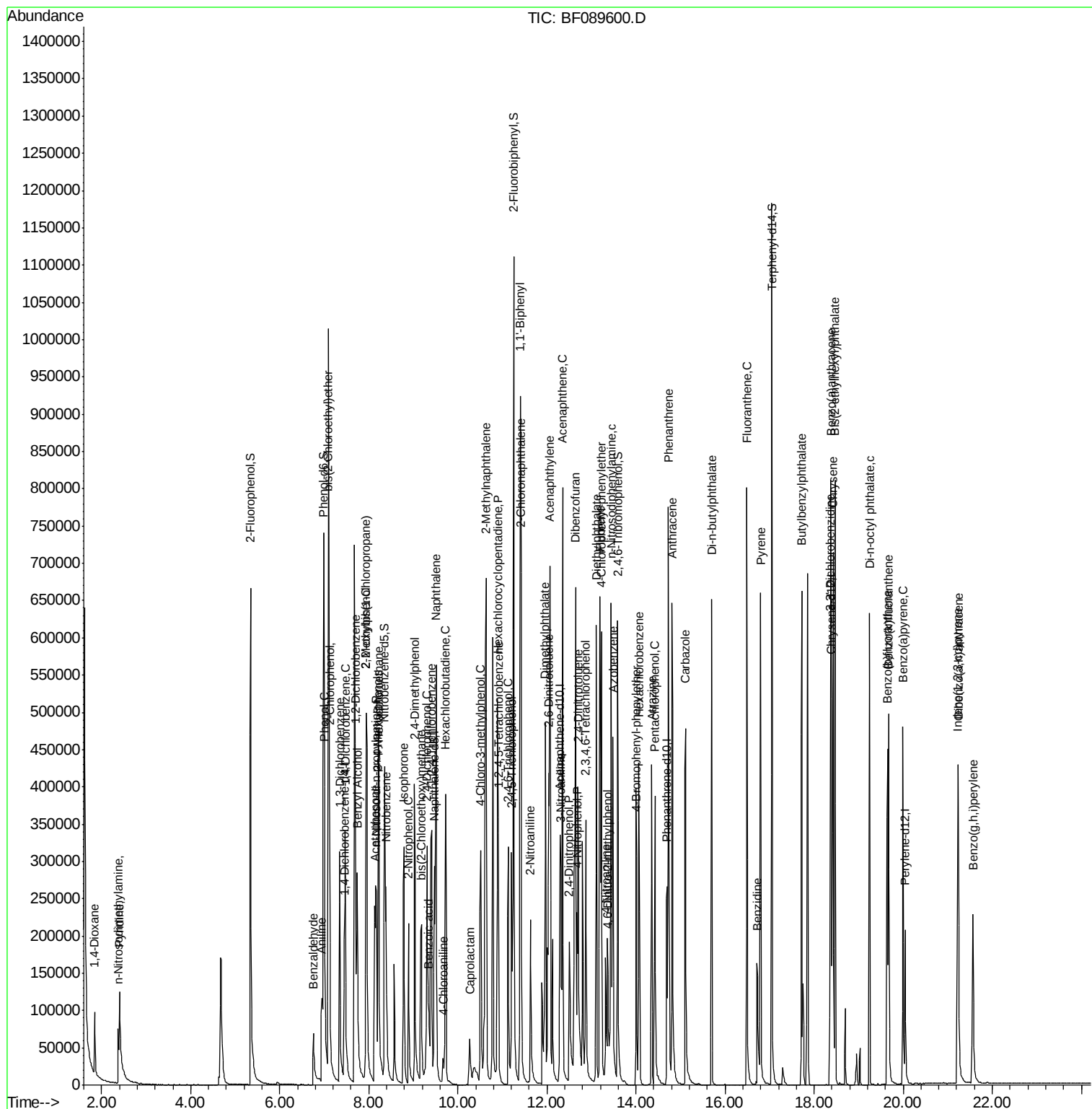
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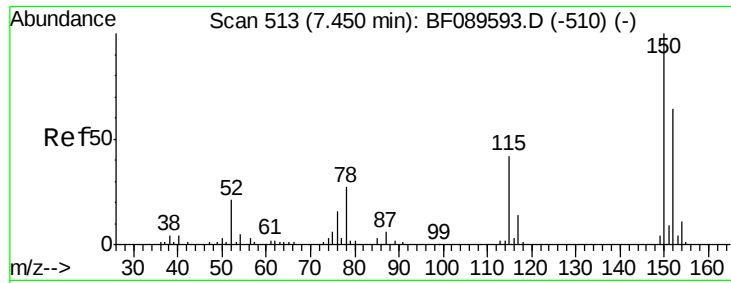
Instrument :
BNA_F
ClientSampled :
PB92672BS

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#1

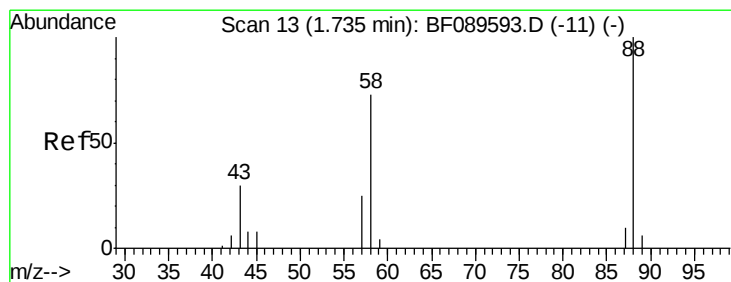
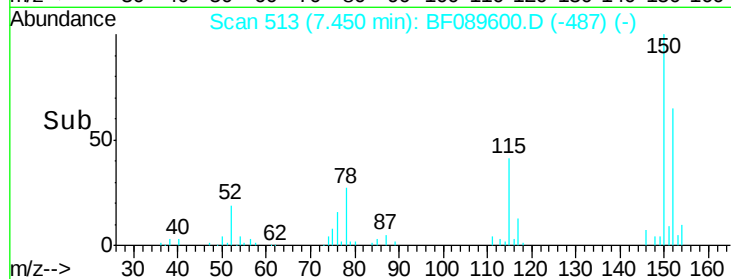
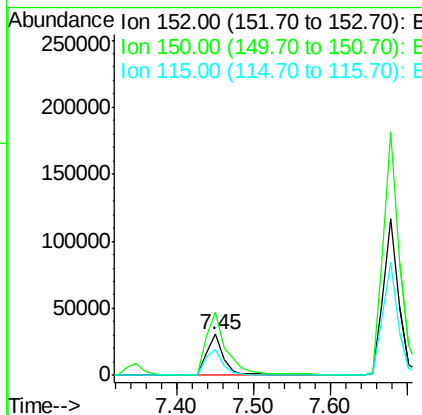
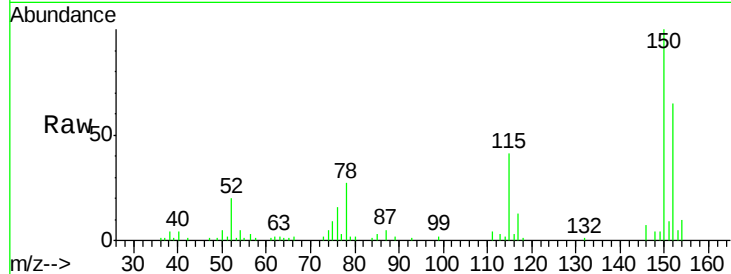
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB92672BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.5	188.3
115	62.9	52.0	78.0

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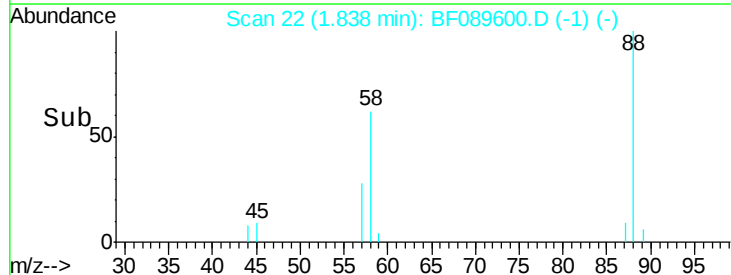
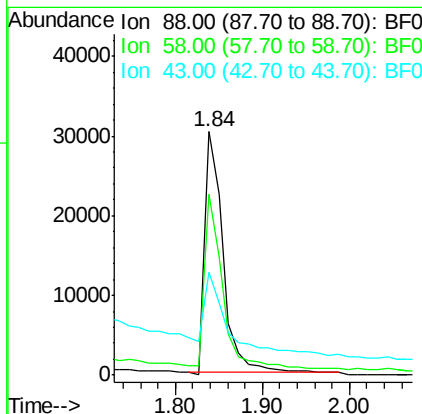
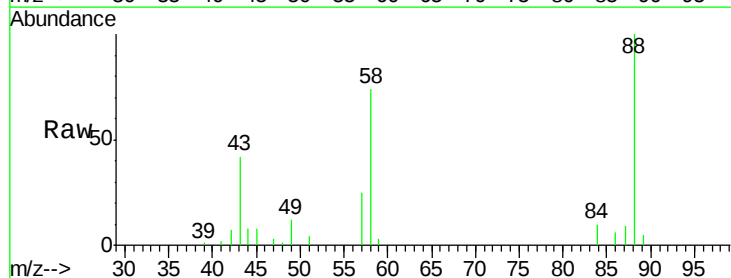
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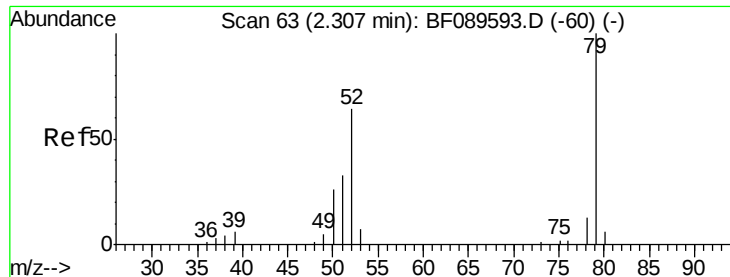


#2

1,4-Dioxane
Concen: 27.42 ng
RT: 1.84 min Scan# 22
Delta R.T. 0.10 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	49.8	74.8
43	44.8	20.1	30.1





#3

Pvridine

Concen: 36.07 ng

RT: 2.40 min Scan# 71

Delta R.T. 0.09 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

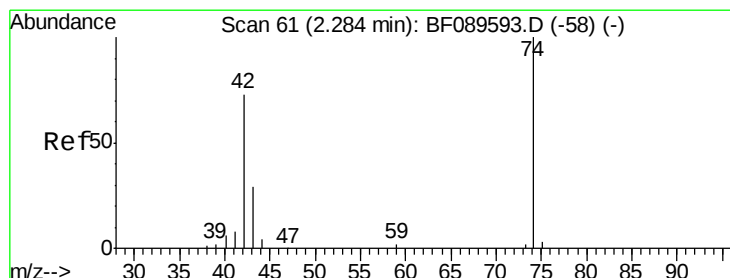
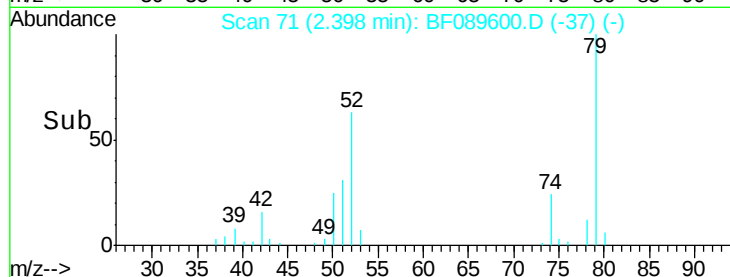
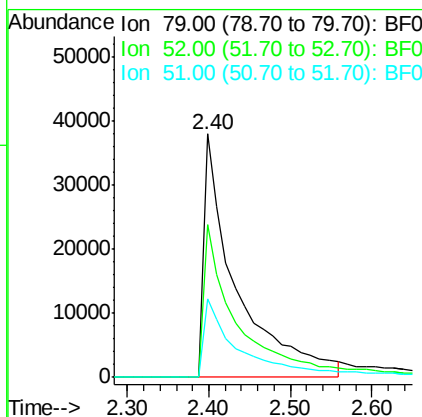
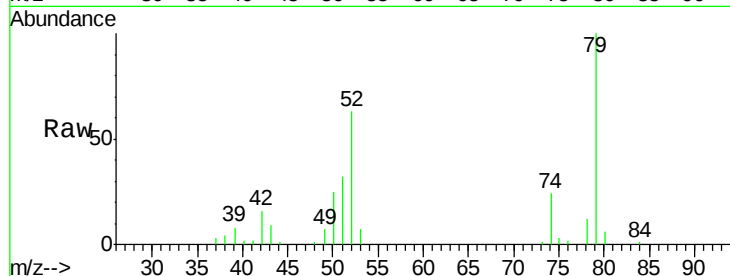
ClientSampleId :

PB92672BS

Tot Ion:	79	Resp:	106444
Ion	Ratio	Lower	Upper
79	100		
52	62.7	51.0	76.4
51	32.4	27.9	41.9

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#4

n-Nitrosodimethylamine

Concen: 35.82 ng

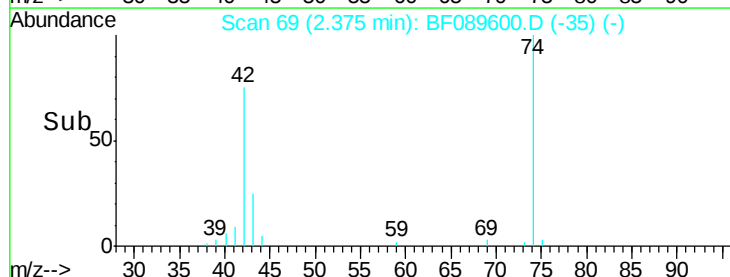
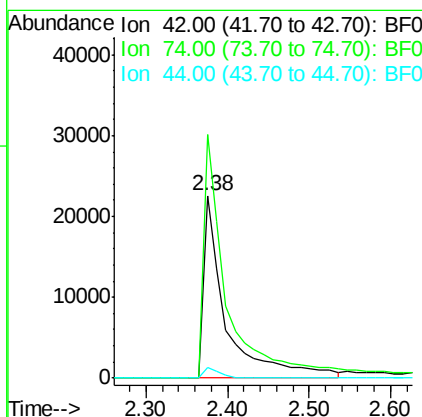
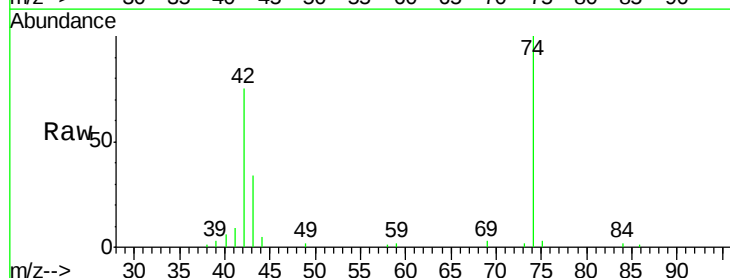
RT: 2.38 min Scan# 69

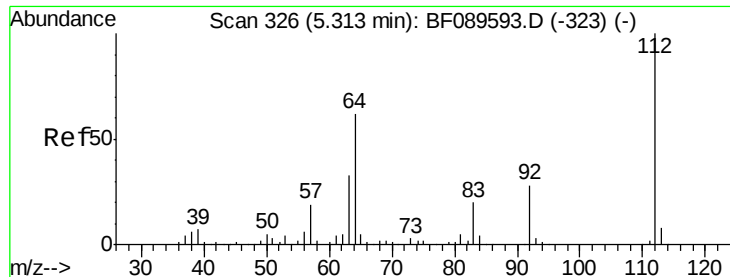
Delta R.T. 0.09 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Tgt Ion:	42	Resp:	43942
Ion	Ratio	Lower	Upper
42	100		
74	133.6	110.0	165.0
44	6.1	4.8	7.2





#5

2-Fluorophenol

Concen: 125.34 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.04 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

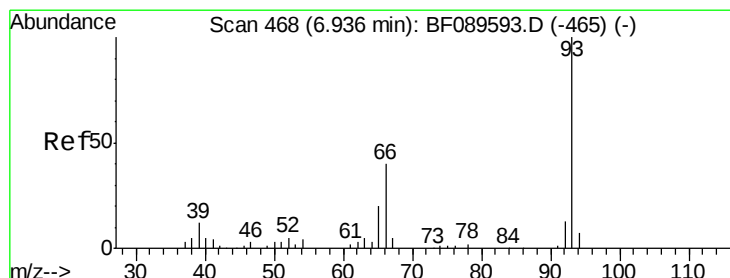
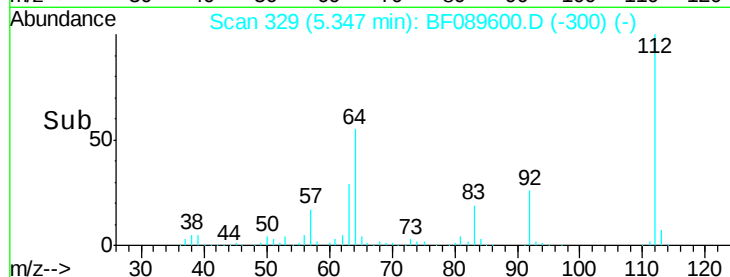
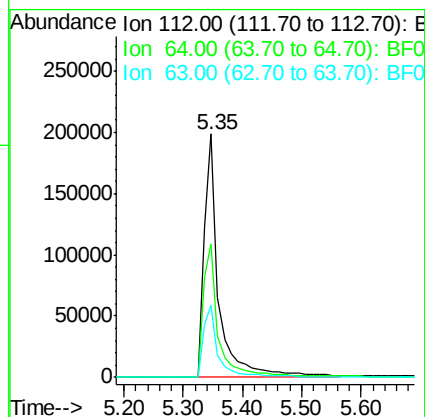
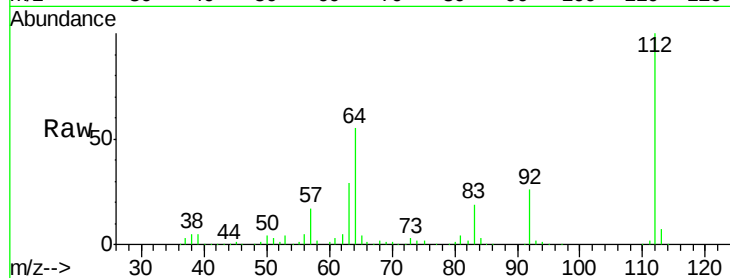
ClientSampleId :

PB92672BS

Tot Ion:	112	Resp:	351088
Ion Ratio	Lower	Upper	
112	100		
64	54.7	49.9	74.9
63	29.4	26.1	39.1

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#6

Aniline

Concen: 27.77 ng

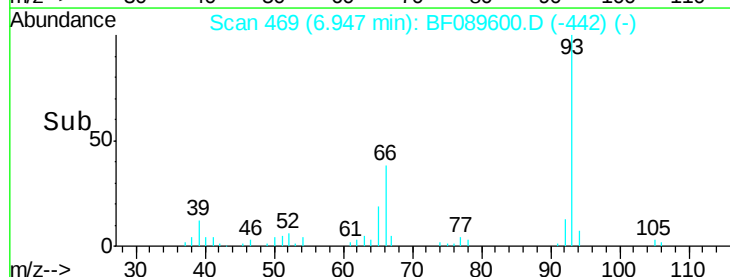
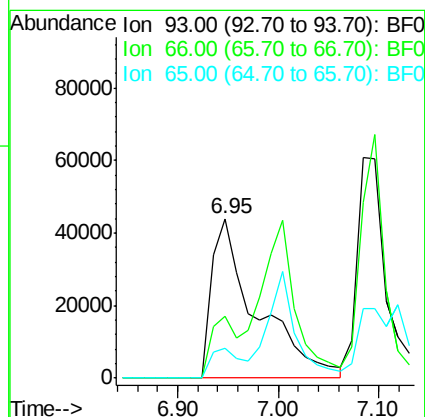
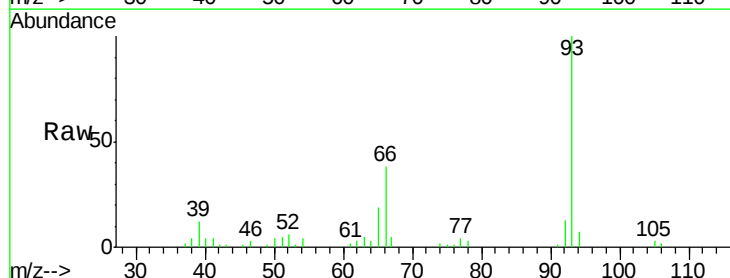
RT: 6.95 min Scan# 469

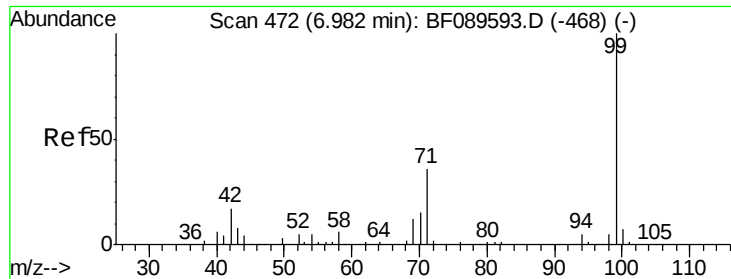
Delta R.T. 0.01 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Tgt Ion:	93	Resp:	136758
Ion Ratio	Lower	Upper	
93	100		
66	38.4	32.2	48.2
65	18.6	15.8	23.8





#7

Phenol-d6

Concen: 121.70 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

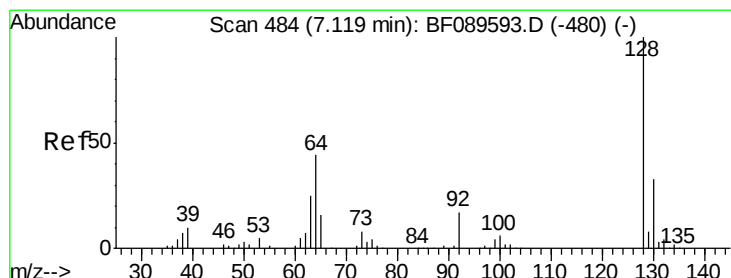
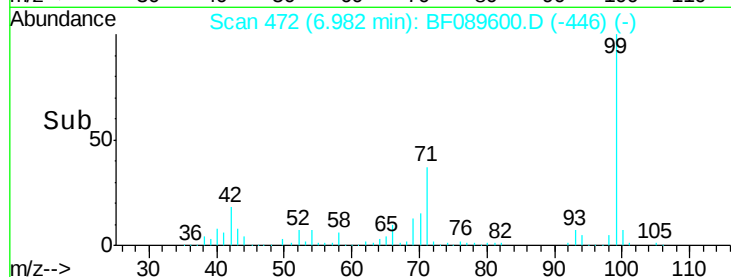
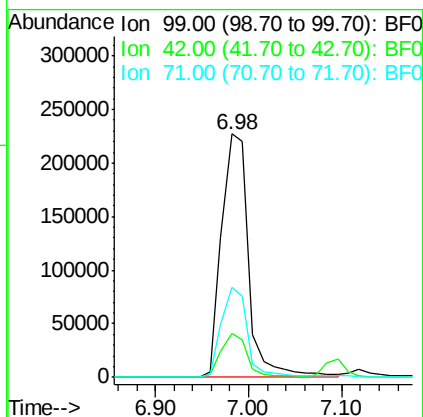
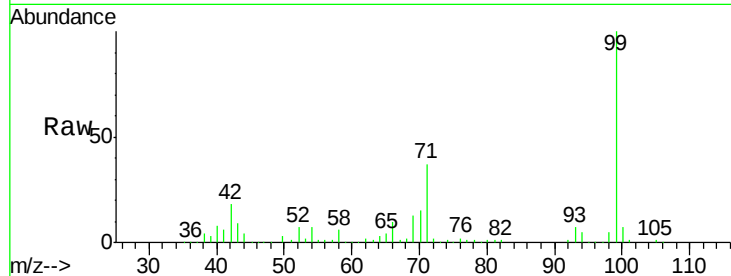
ClientSampleId :

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Tot Ion:	99	Resp:	462453
Ion Ratio	Lower	Upper	
99	100		
42	17.9	13.7	20.5
71	37.1	29.0	43.4

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#8

2-Chlorophenol

Concen: 41.71 ng

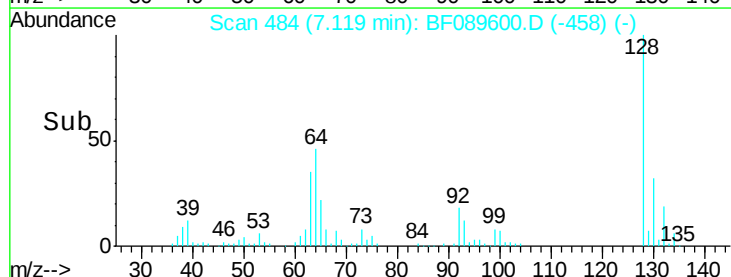
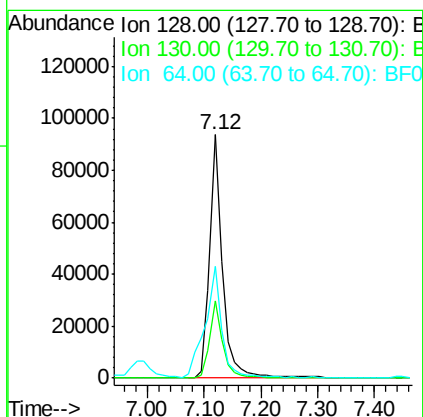
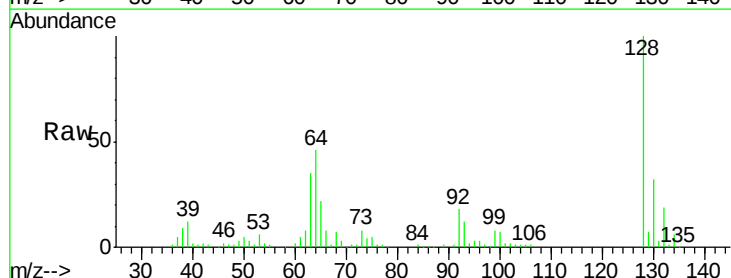
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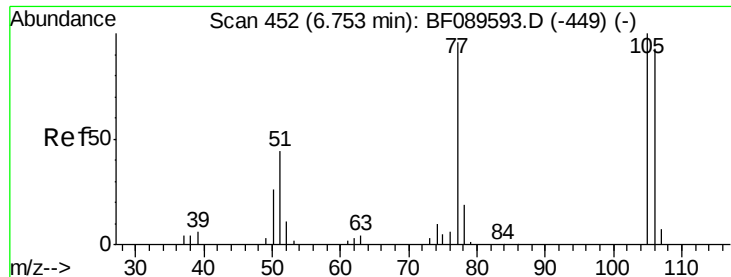
Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Tgt Ion:	128	Resp:	143453
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.6	52.6
64	46.0	25.3	65.3





#9

Benzaldehyde

Concen: 31.44 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB92672BS

Tot Ion: 77 Resp: 43339

Ion Ratio Lower Upper

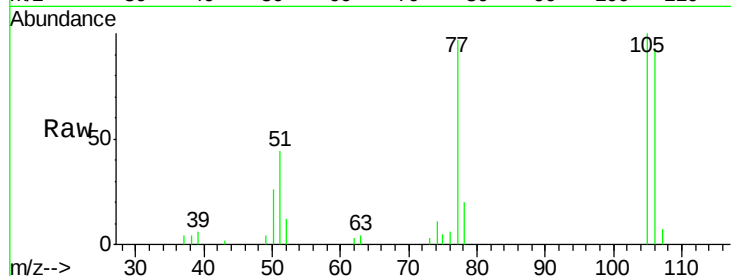
77 100

105 102.6 84.7 124.7

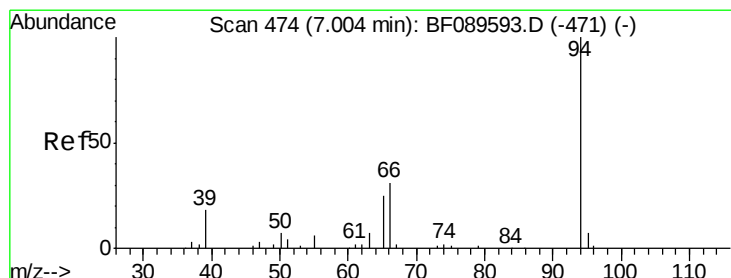
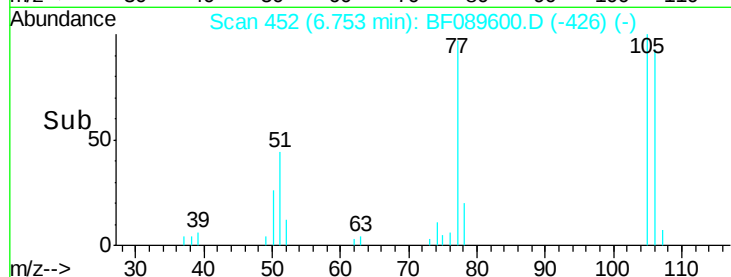
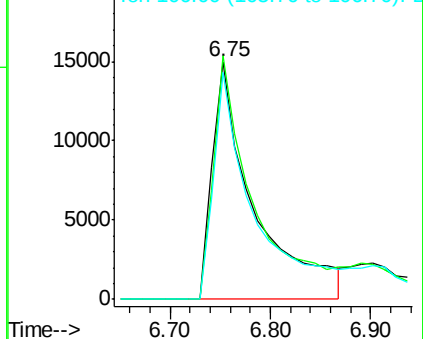
106 95.8 77.1 117.1

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



#10

Phenol

Concen: 47.59 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

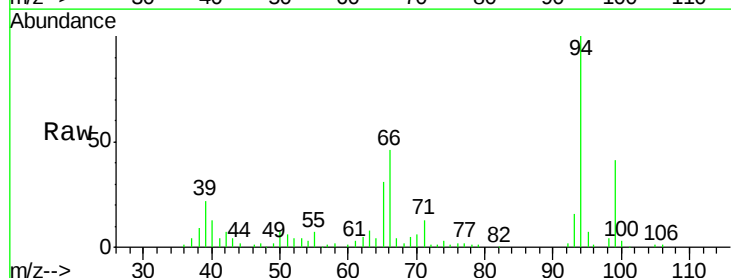
Tgt Ion: 94 Resp: 185639

Ion Ratio Lower Upper

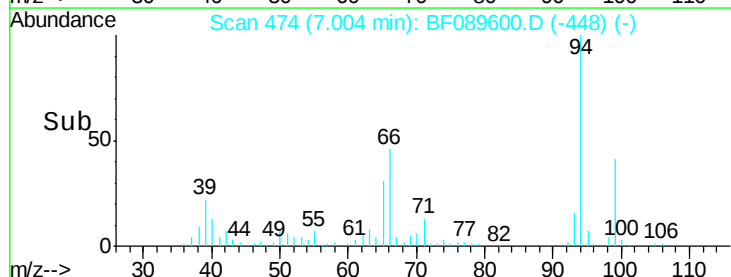
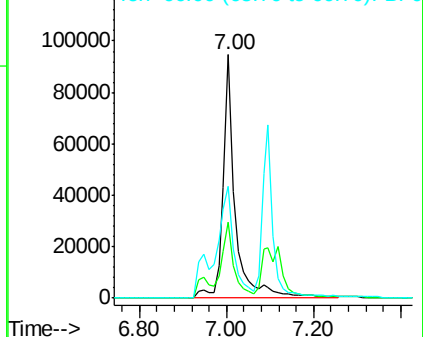
94 100

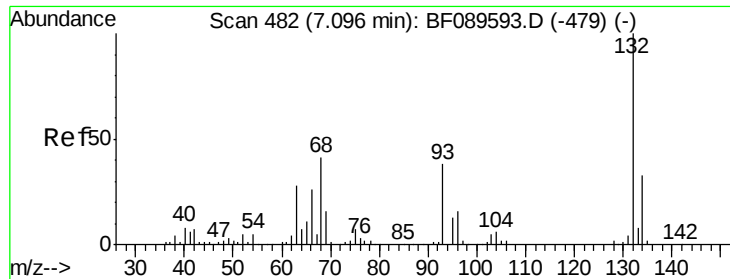
65 31.3 11.0 51.0

66 45.9 27.4 67.4



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





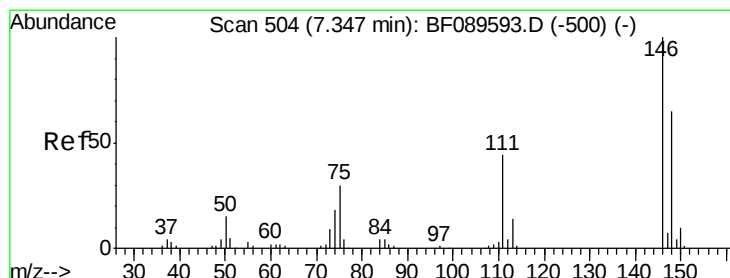
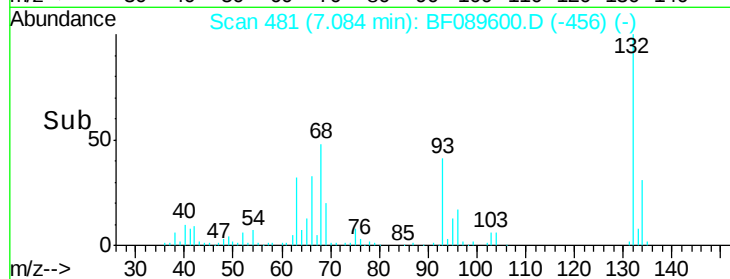
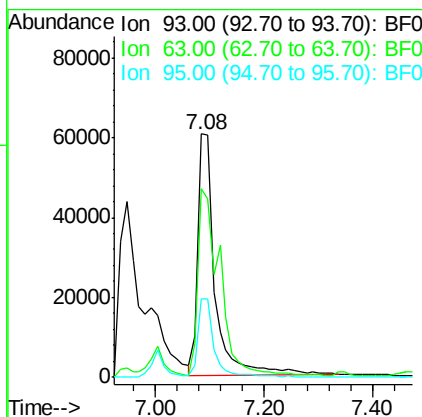
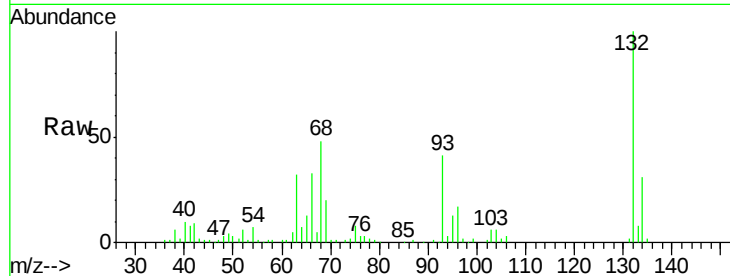
#11
bis(2-Chloroethyl)ether
Concen: 39.67 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB92672BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.3	52.2	92.2
95	32.4	13.1	53.1

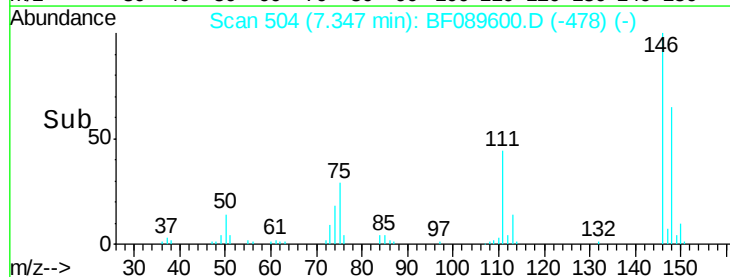
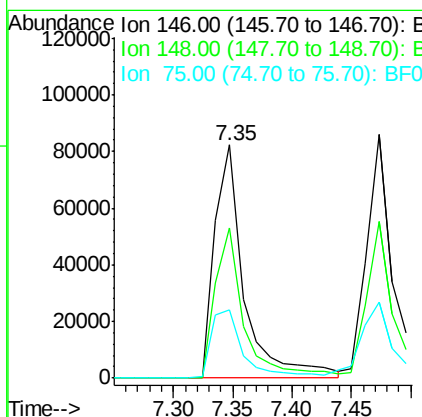
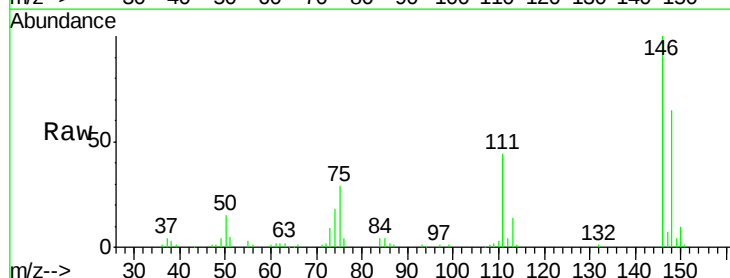
Manual Integrations
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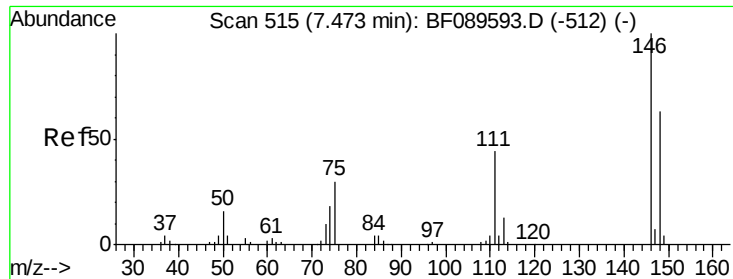
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#12
1,3-Dichlorobenzene
Concen: 37.87 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.1	78.1
75	29.3	24.1	36.1





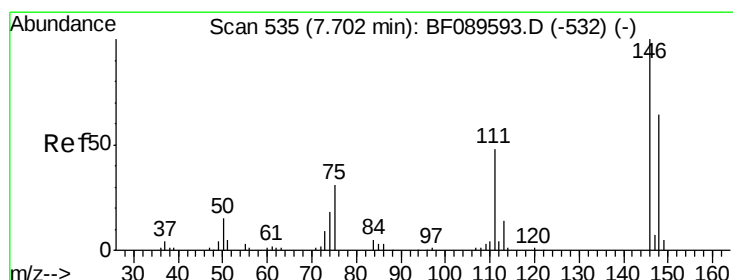
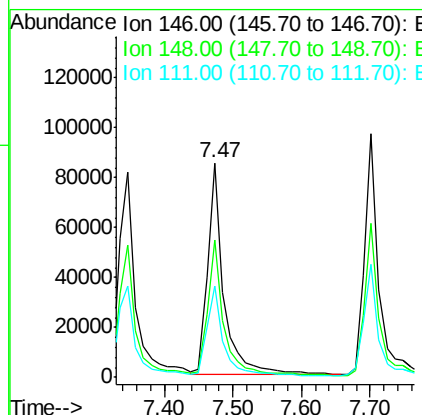
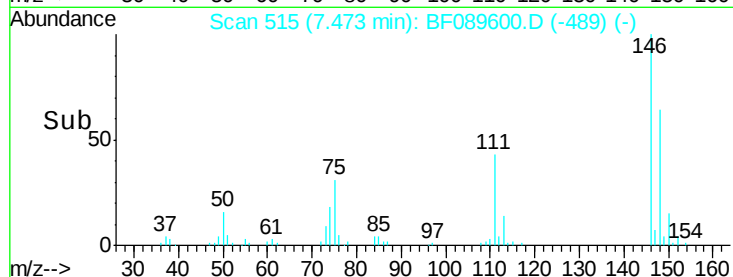
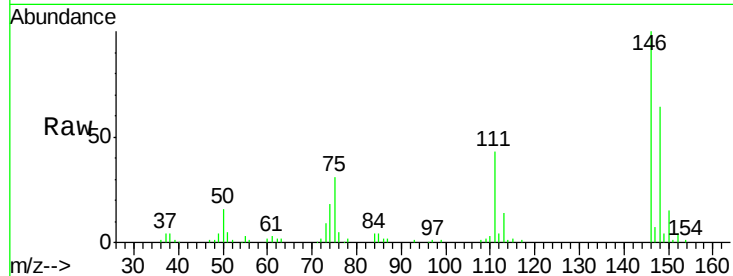
#13
 1,4-Dichlorobenzene
 Concen: 37.33 ng
 RT: 7.47 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB92672BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	42.7	35.0	52.4

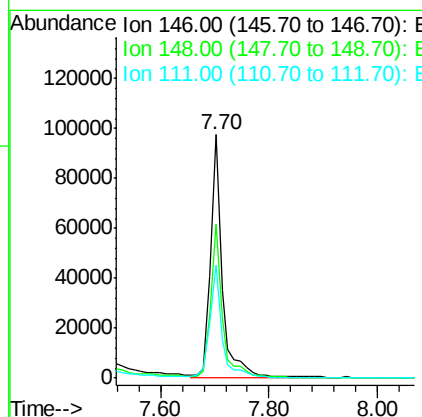
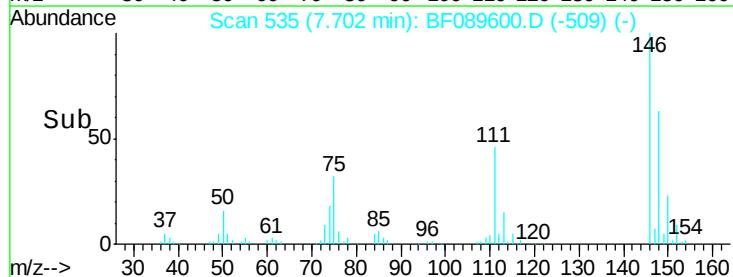
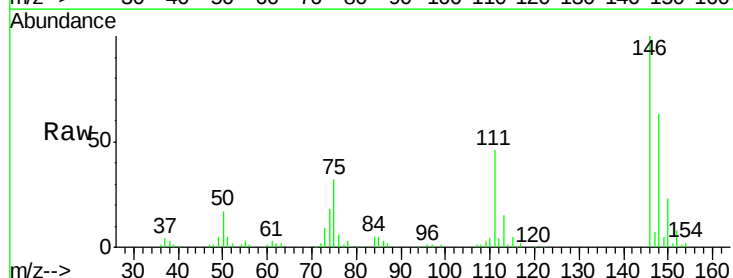
Manual Integrations
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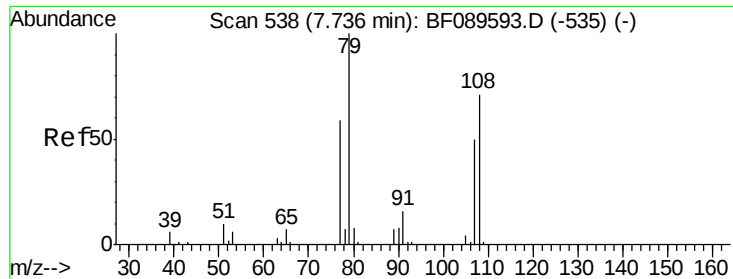
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#14
 1,2-Dichlorobenzene
 Concen: 36.76 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.6
111	46.3	38.5	57.7





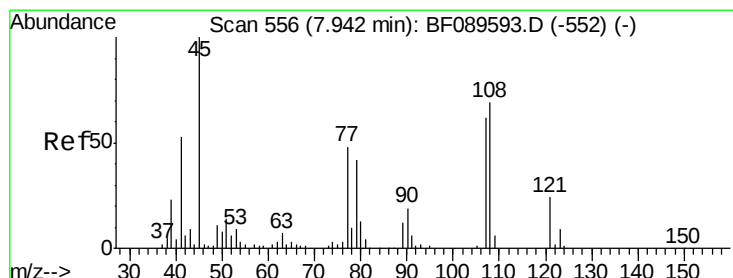
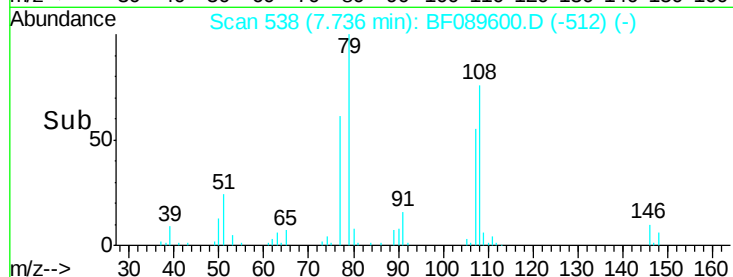
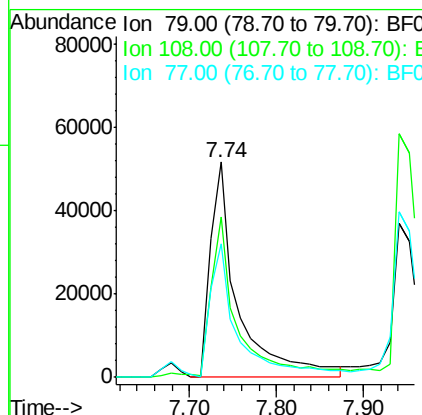
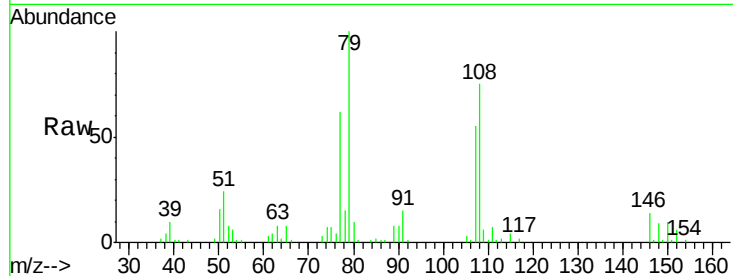
#15
Benzyl Alcohol
Concen: 45.90 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB92672BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.7	58.3	87.5
77	62.3	48.7	73.1

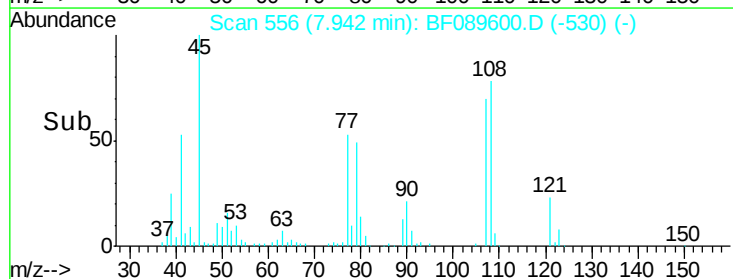
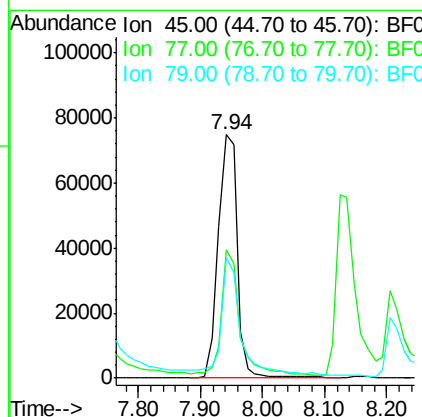
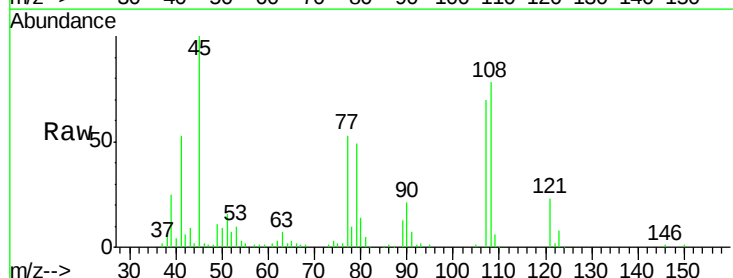
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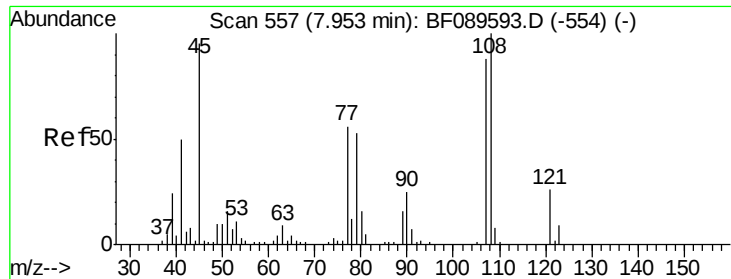
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.79 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	52.9	30.1	70.1
79	49.5	25.5	65.5





#17

2-Methylphenol

Concen: 43.50 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

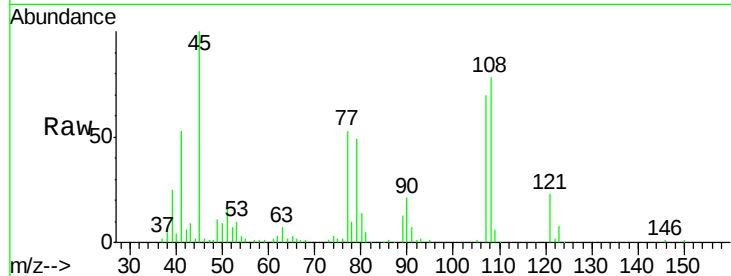
ClientSampleId :

PB92672BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	91.2	136.8
77	75.9	54.6	82.0
79	71.0	52.7	79.1

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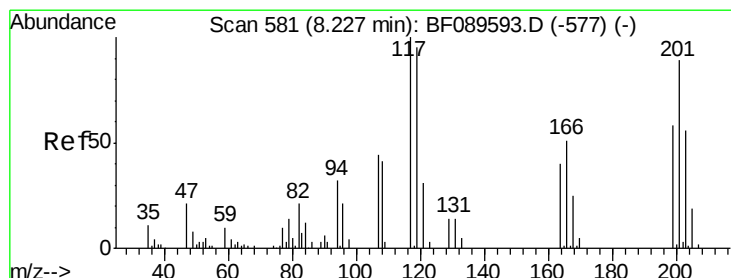
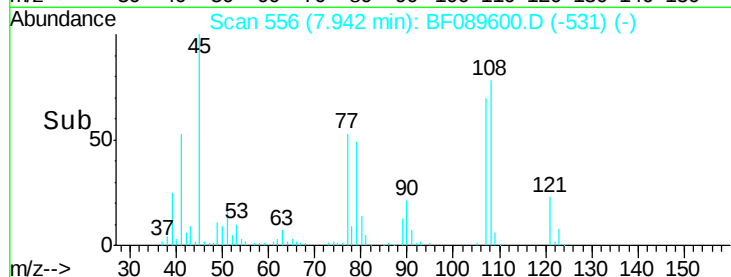
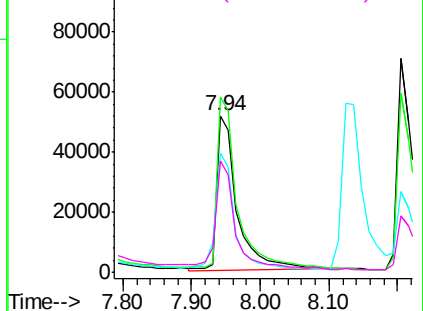


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.74 ng

RT: 8.23 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF089600.D

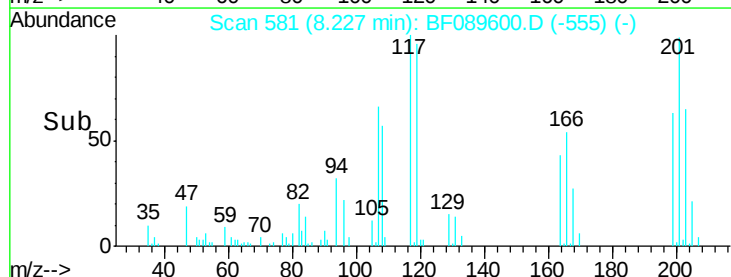
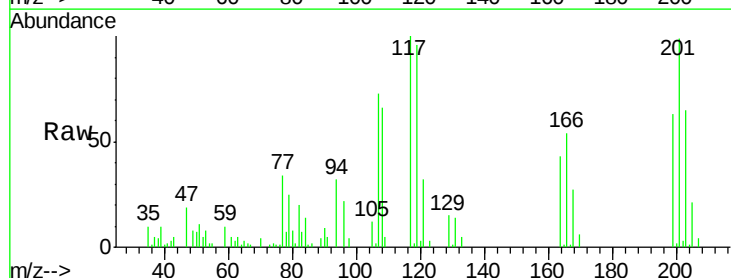
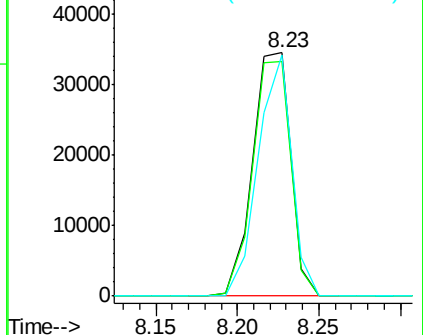
Acq: 4 Aug 2016 21:56

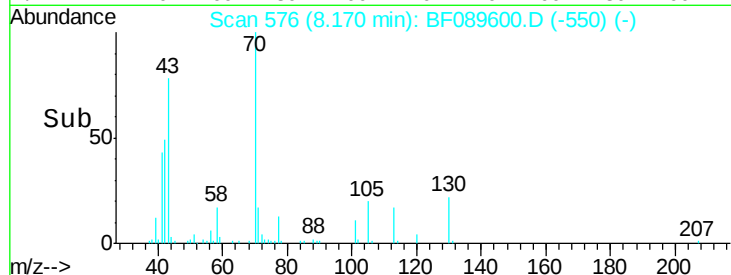
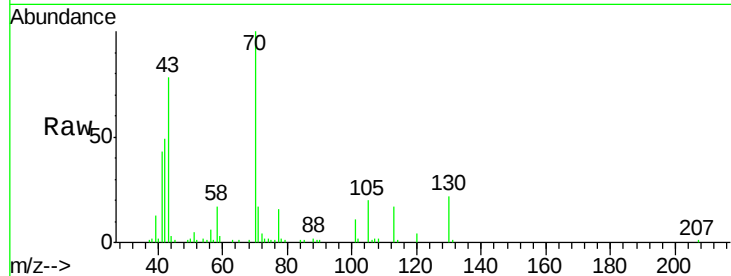
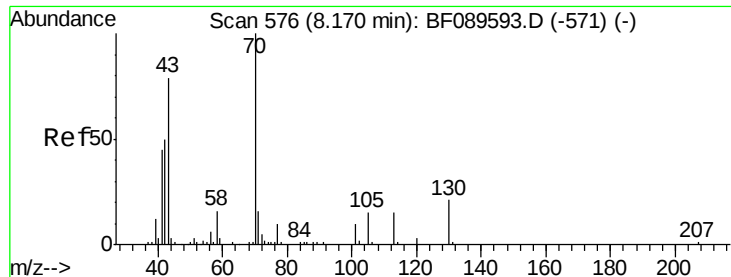
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.7	113.5
201	99.0	71.6	107.4

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: 39.28 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB92672BS

Tot Ion: 70 Resp: 107821

Ion Ratio Lower Upper

70 100

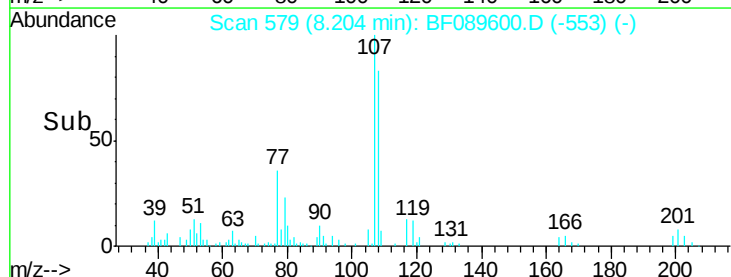
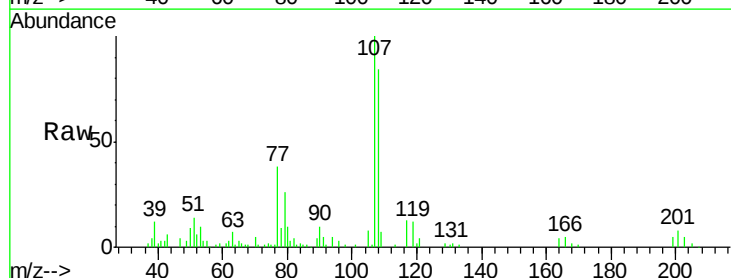
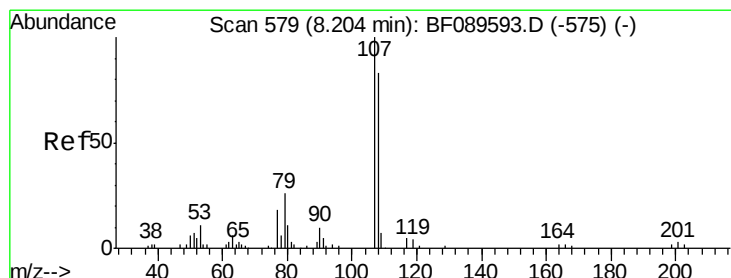
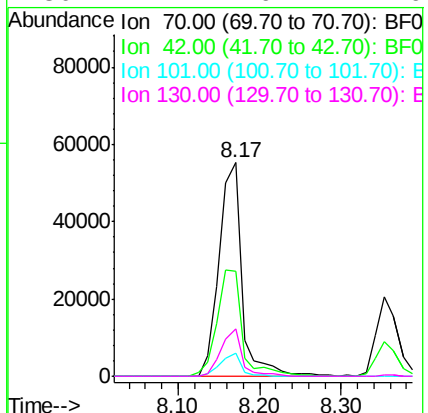
42 49.0 40.2 60.2

101 10.7 7.8 11.6

130 22.2 16.4 24.6

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#20

3+4-Methylphenols

Concen: 44.25 ng

RT: 8.20 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Tgt Ion: 107 Resp: 138710

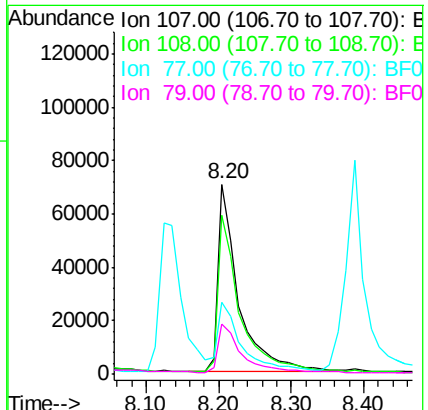
Ion Ratio Lower Upper

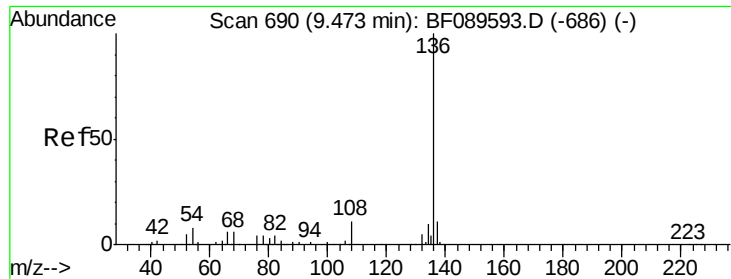
107 100

108 84.0 63.8 103.8

77 37.6 19.5 59.5

79 26.4 7.1 47.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

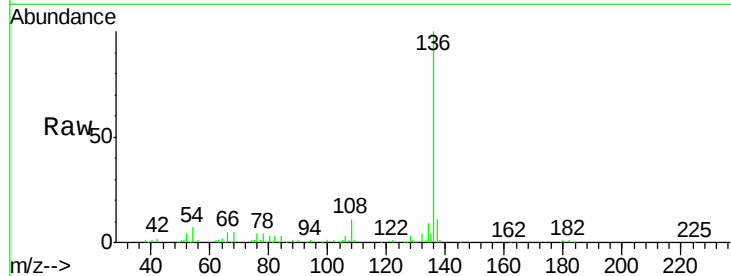
ClientSampleId :

PB92672BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		203661		
137	10.8		8.6	12.8	
54	7.3		6.0	9.0	
68	5.4		4.6	6.8	

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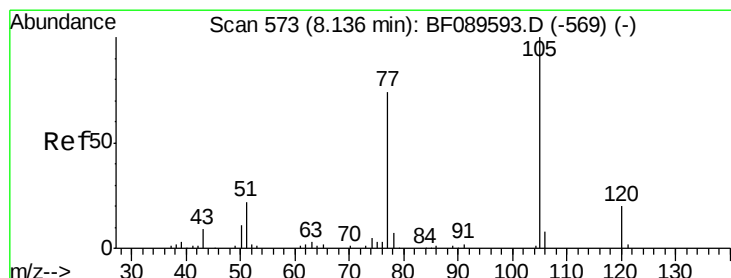
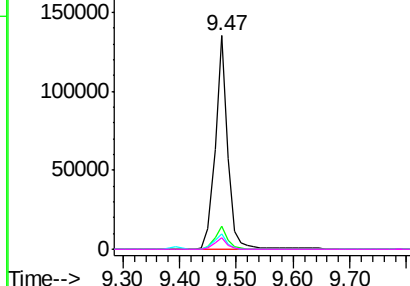
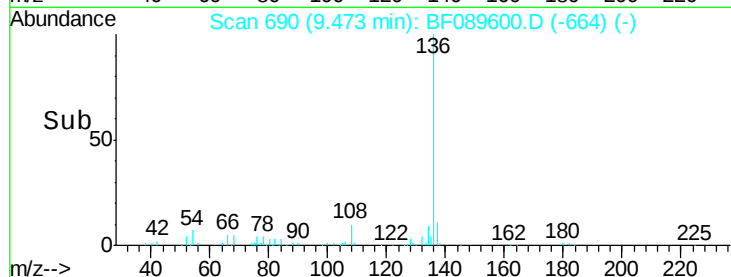
Abundance

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: 32.74 ng

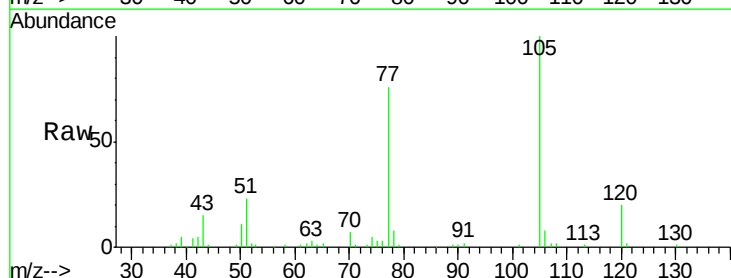
RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		158957		
71	1.3		0.0	0.0#	
51	23.1		18.2	27.2	
120	19.6		15.7	23.5	



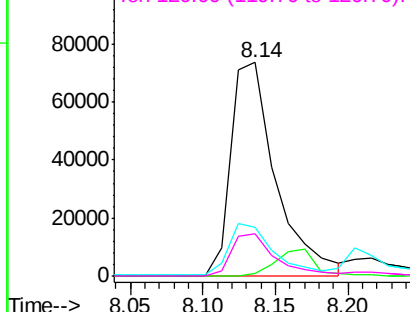
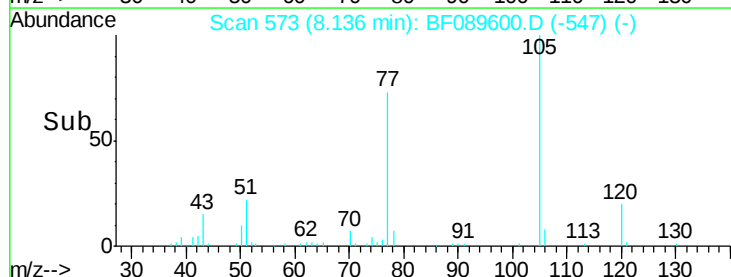
Abundance

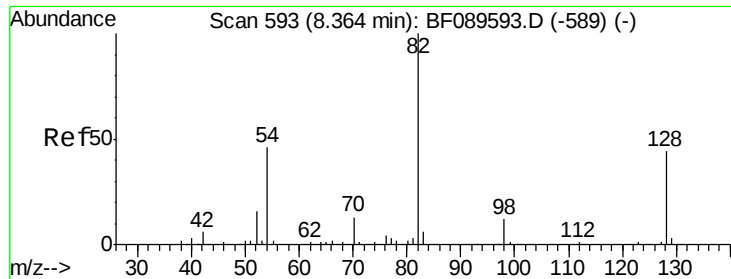
Ion 105.00 (104.70 to 105.70): E

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





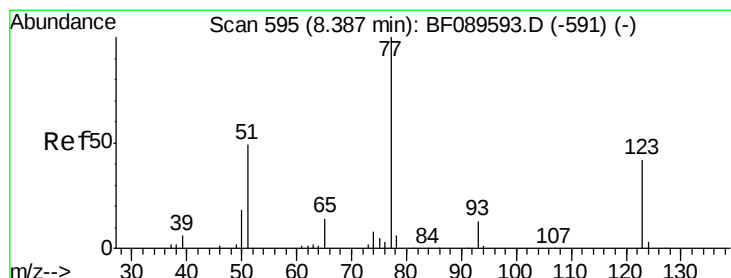
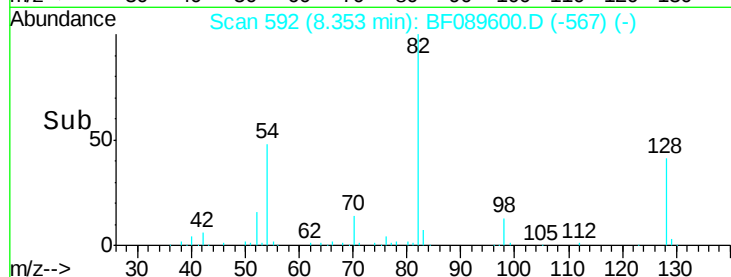
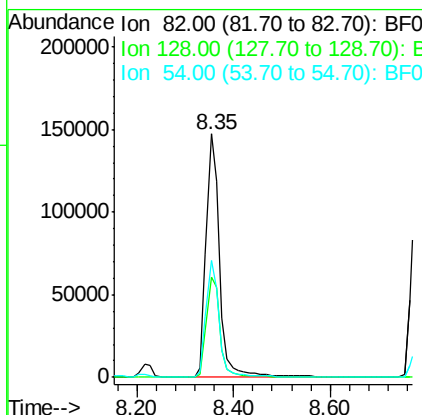
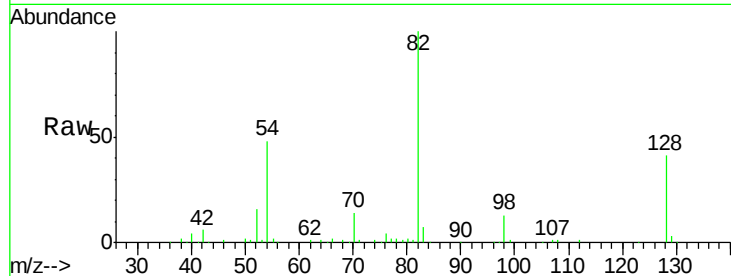
#23
 Nitrobenzene-d5
 Concen: 79.17 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleID :
 PB92672BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.4	53.0
54	48.3	36.4	54.6

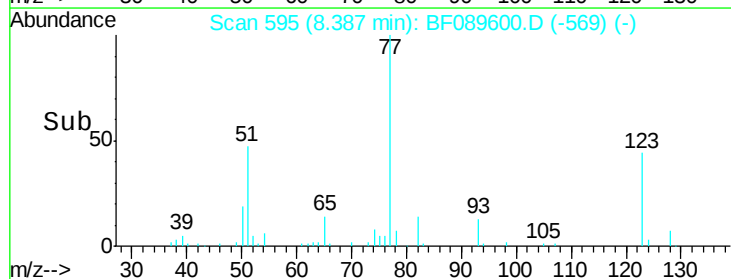
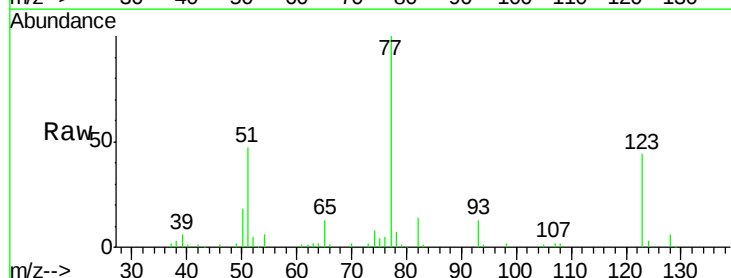
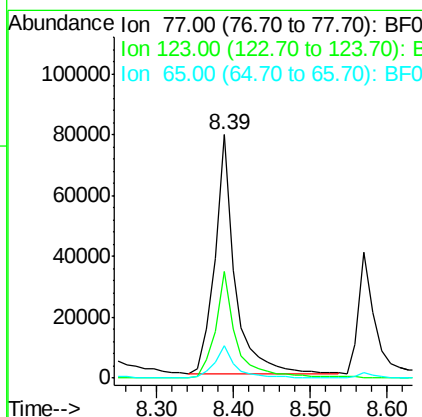
Manual Integrations
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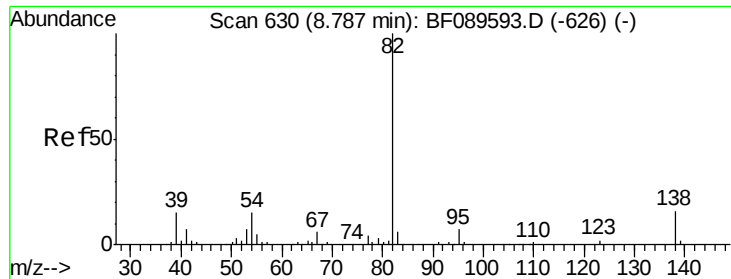
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#24
 Nitrobenzene
 Concen: 40.33 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	32.6	49.0
65	13.4	11.0	16.6





#25

Isophorone

Concen: 40.51 ng

RT: 8.79 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

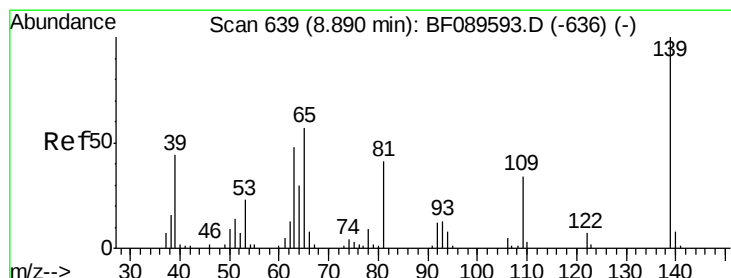
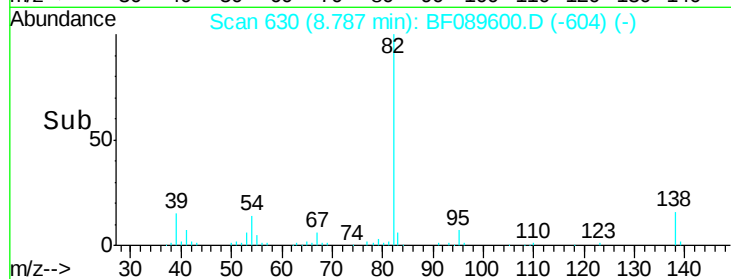
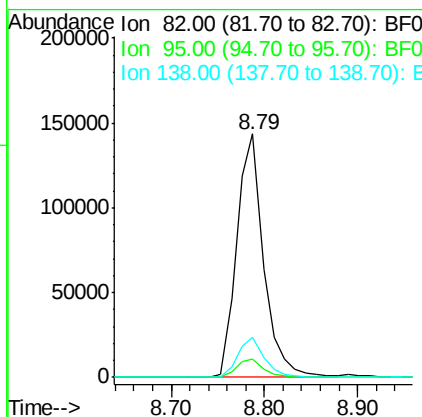
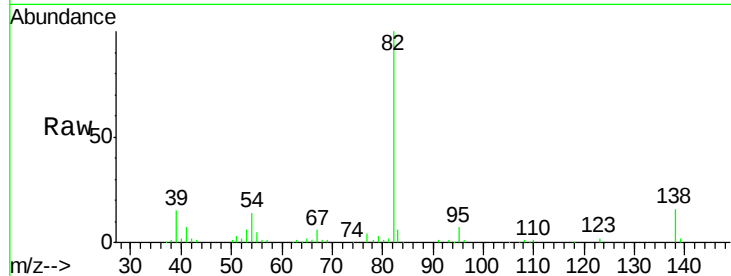
ClientSampleId :

PB92672BS

Tot Ion:	82	Resp:	285642
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.8	8.8
138	16.3	12.6	18.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.40 ng

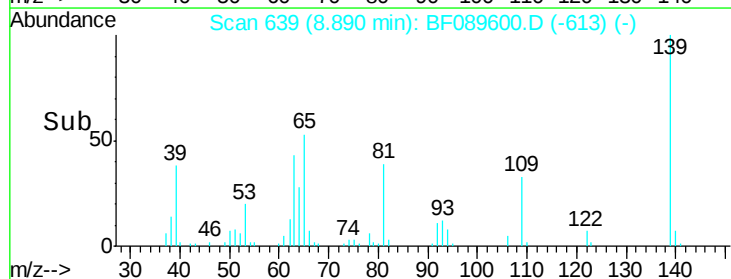
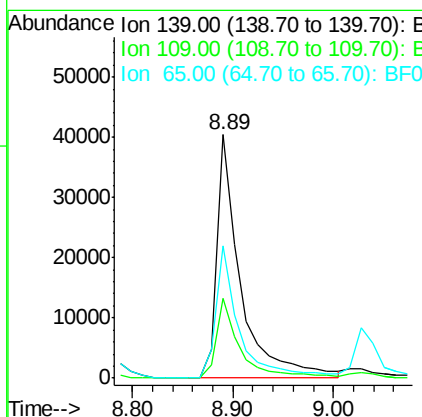
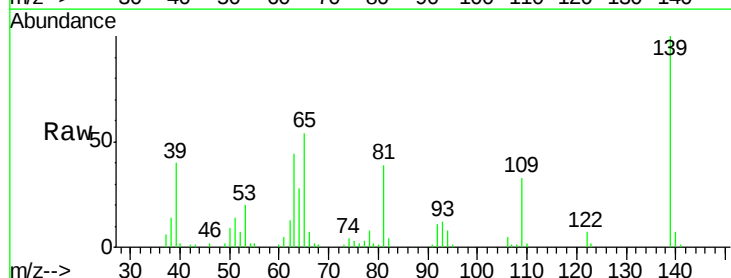
RT: 8.89 min Scan# 639

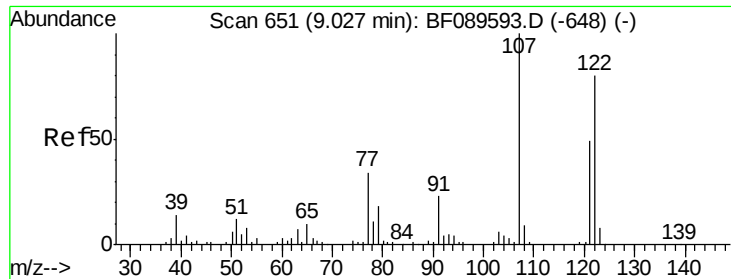
Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Tgt Ion:	139	Resp:	66442
Ion Ratio		Lower	Upper
139	100		
109	32.9	27.5	41.3
65	54.2	45.7	68.5





#27

2,4-Dimethylphenol

Concen: 42.87 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

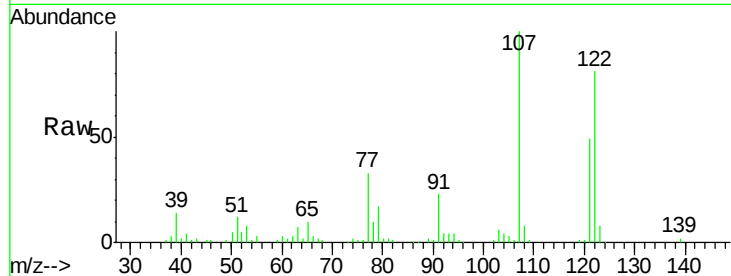
ClientSampled :

PB92672BS

Tot Ion:	122	Resp:	123704
Ion Ratio	Lower	Upper	
122	100		
107	123.8	99.5	149.3
121	60.5	48.5	72.7

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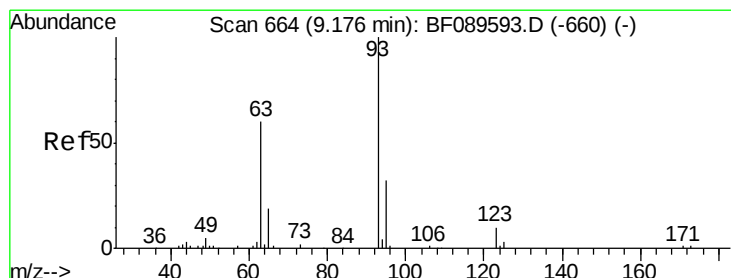
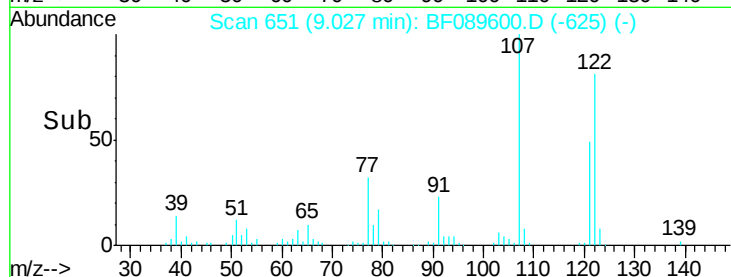
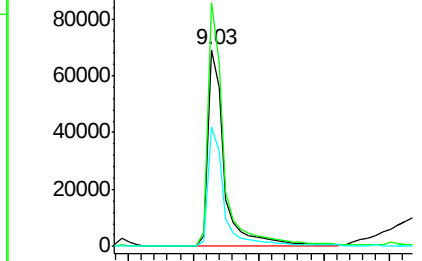
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.85 ng

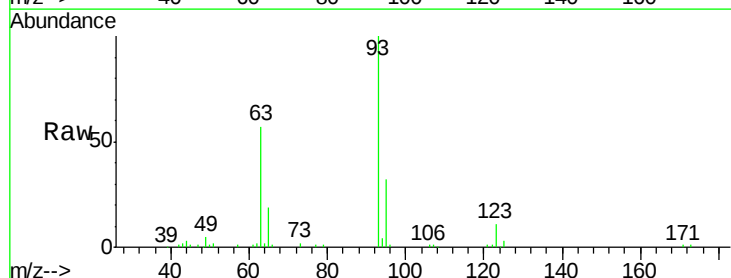
RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

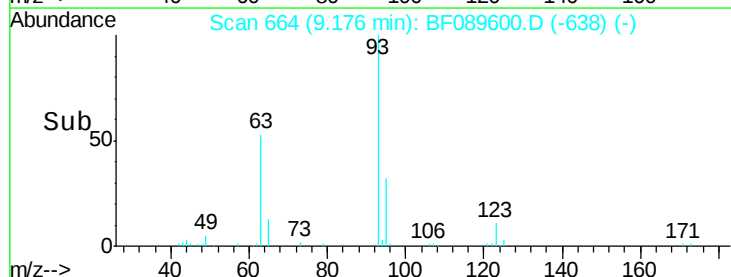
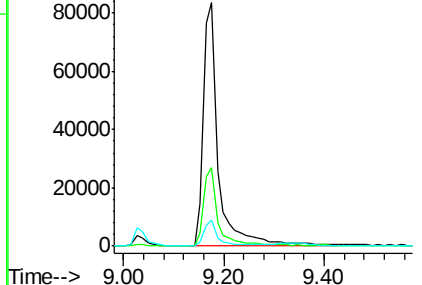
Tgt Ion:	93	Resp:	174233
Ion Ratio	Lower	Upper	
93	100		
95	32.0	25.8	38.8
123	10.5	8.0	12.0

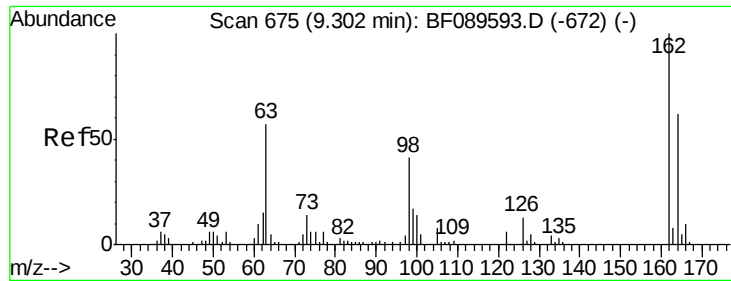


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





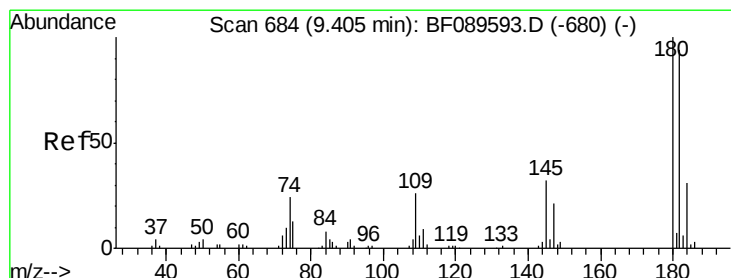
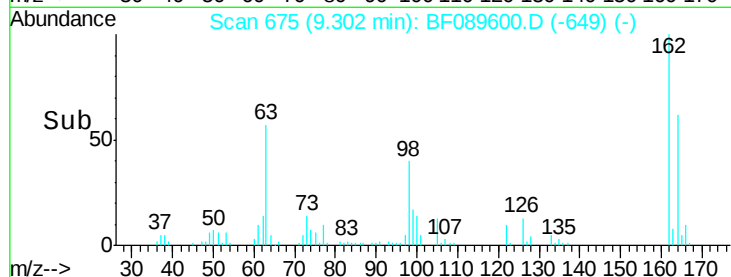
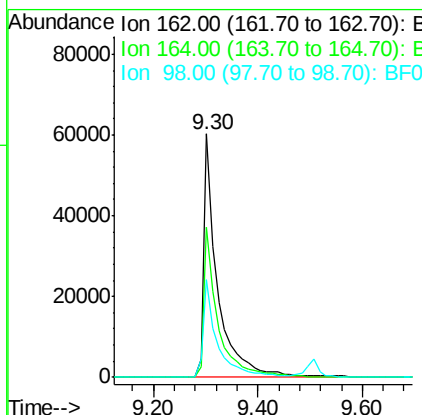
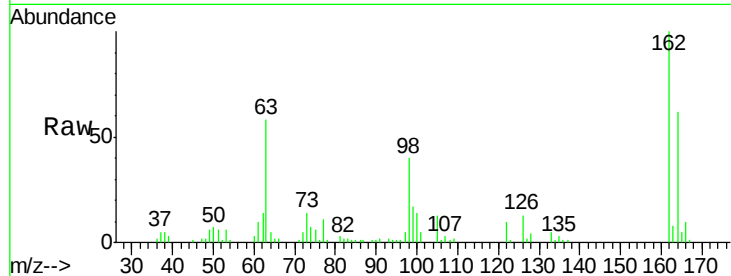
#29
 2,4-Dichlorophenol
 Concen: 40.76 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB92672BS

Tot Ion:	162	Resp:	111284
Ion Ratio	Lower	Upper	
162	100		
164	61.6	42.3	82.3
98	40.1	21.2	61.2

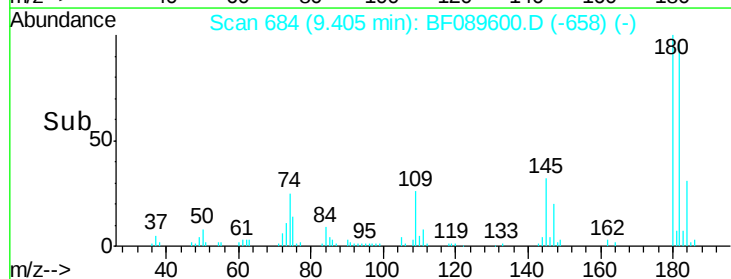
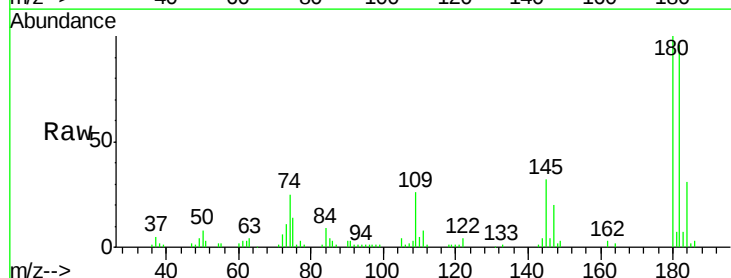
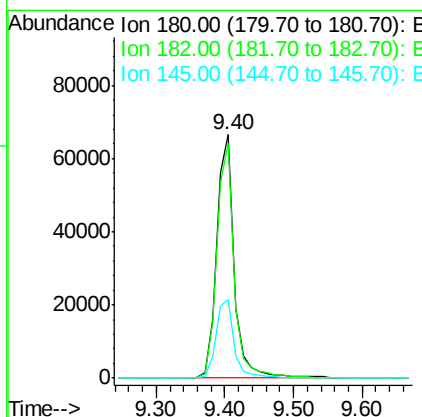
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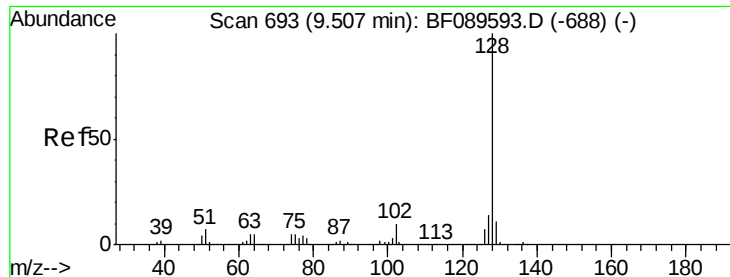
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.61 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Tgt Ion:	180	Resp:	120411
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.0	112.6
145	32.0	25.6	38.4





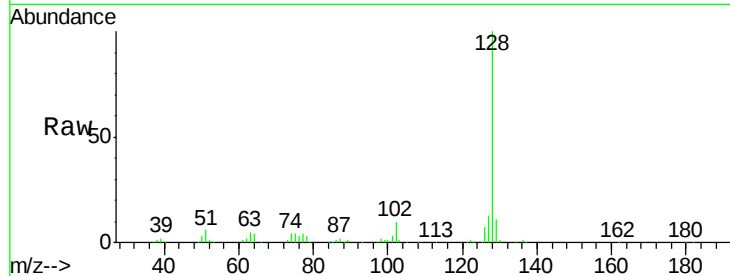
#31
Naphthalene
Concen: 38.81 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB92672BS

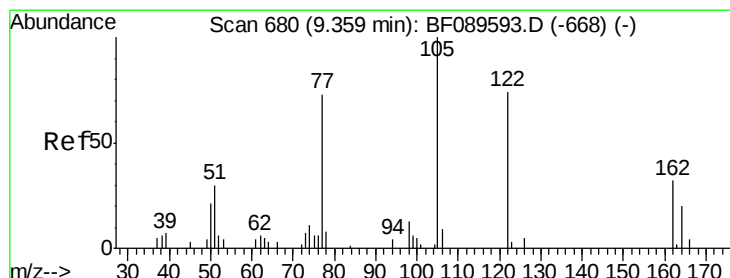
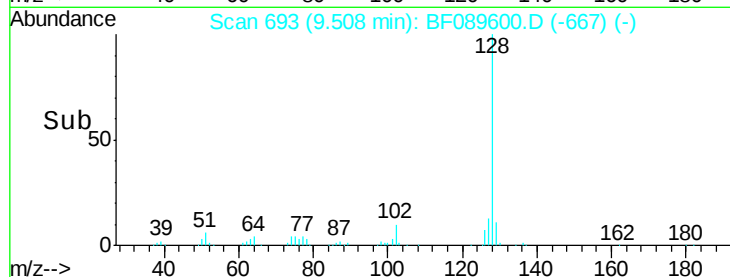
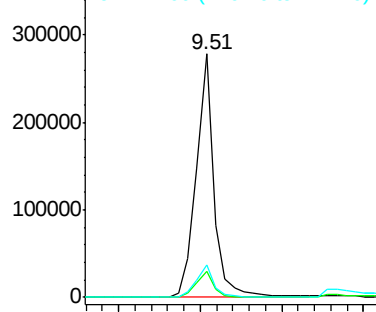
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	8.7	13.1	
127	13.1	10.9	16.3	

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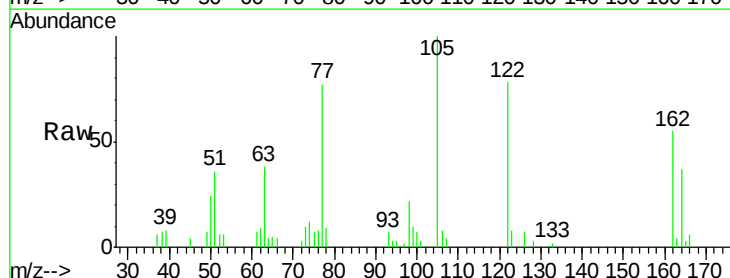


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

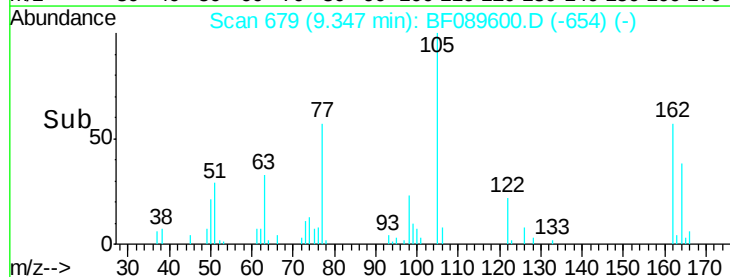
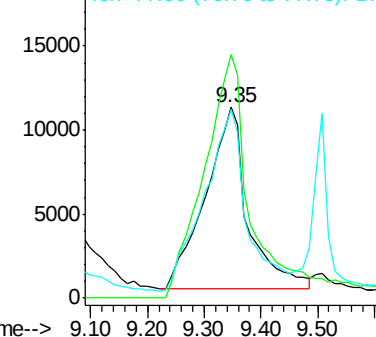


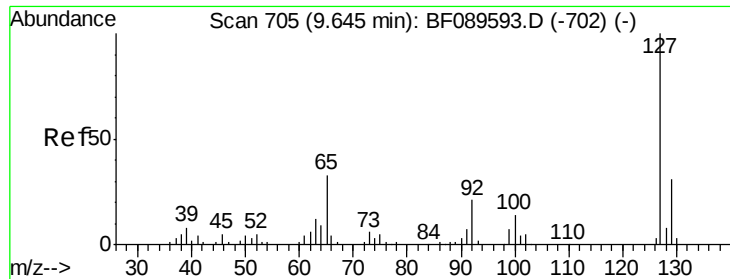
#32
Benzoic acid
Concen: 31.16 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.8	109.9	149.9	
77	98.9	77.5	117.5	



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





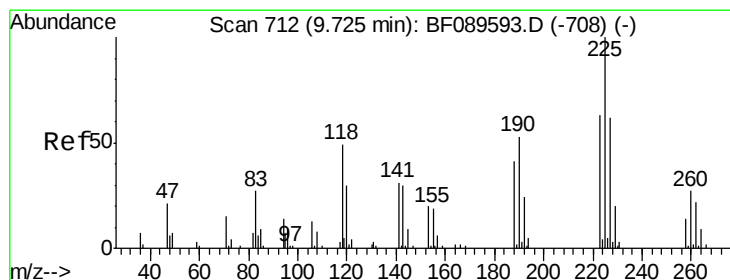
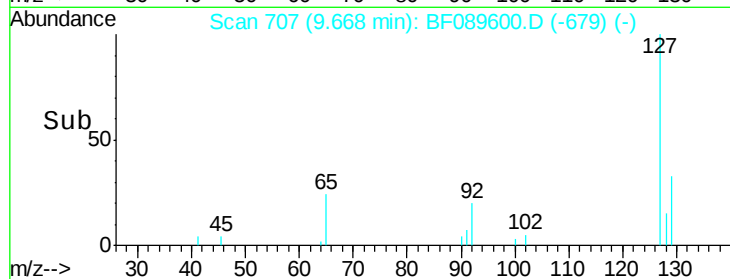
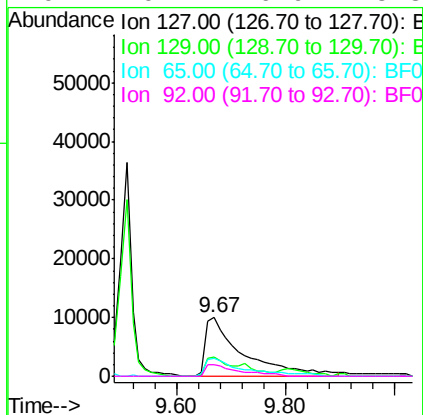
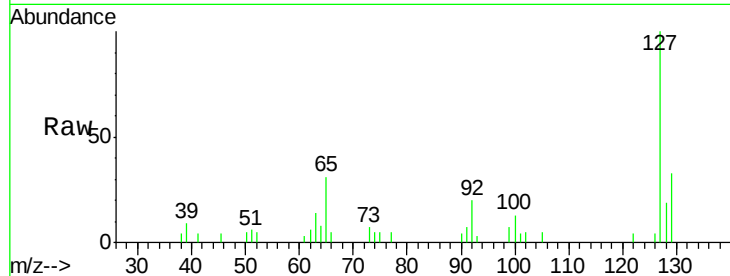
#33
4-Chloroaniline
Concen: 11.85 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.02 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampled :
PB92672BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		48191		
129	33.4	25.1	37.7		
65	30.5	26.2	39.2		
92	19.7	16.9	25.3		

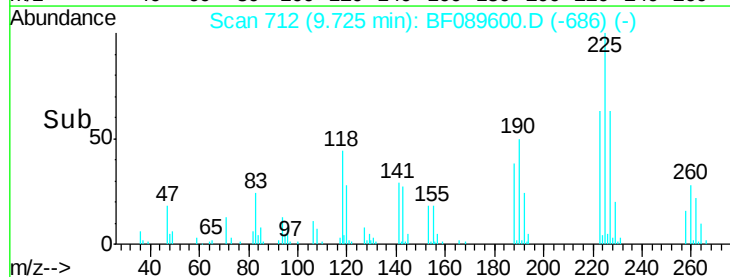
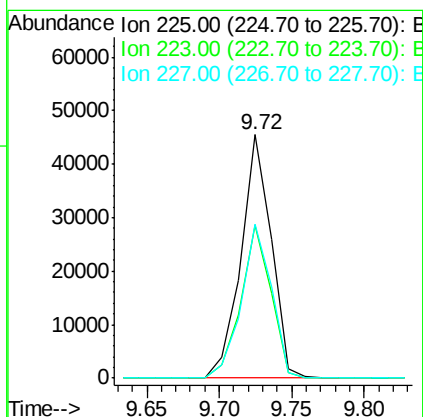
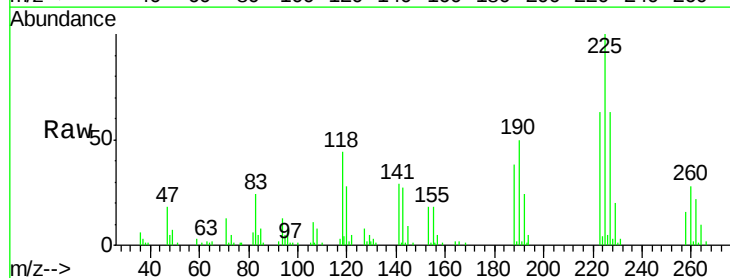
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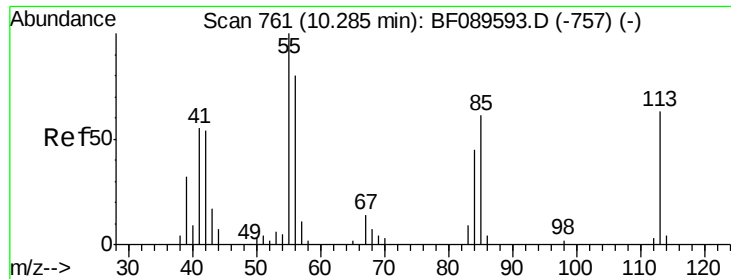
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#34
Hexachlorobutadiene
Concen: 36.54 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		65608		
223	62.7	50.7	76.1		
227	63.1	49.4	74.0		





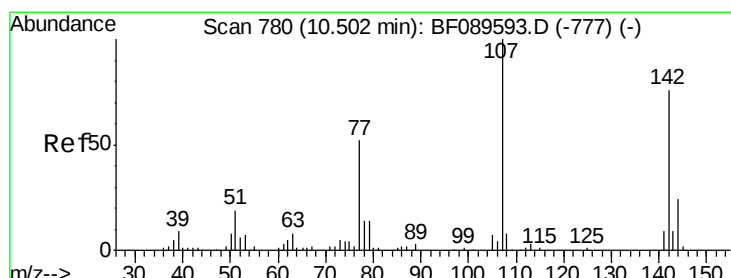
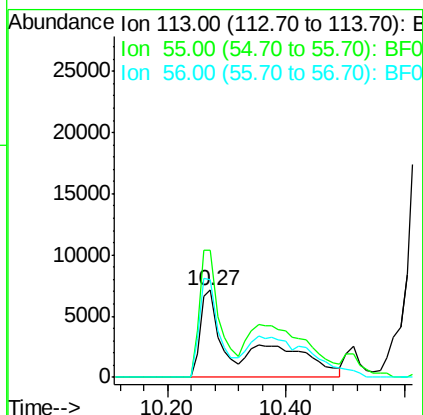
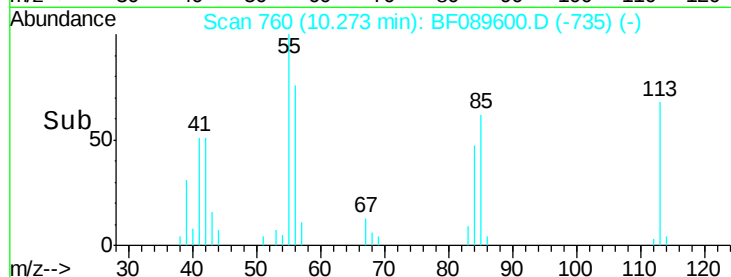
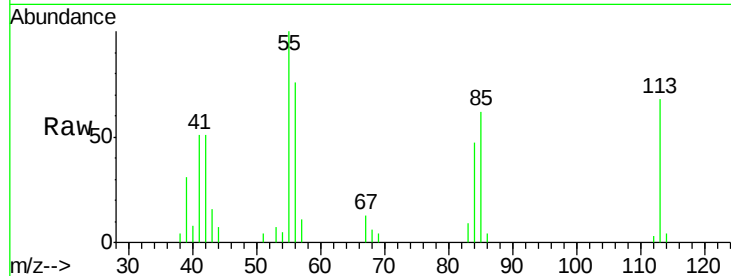
#35
 Caprolactam
 Concen: 44.34 ng/ml
 RT: 10.27 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleID :
 PB92672BS

Tot Ion: 113 Resp: 35282
 Ion Ratio Lower Upper
 113 100
 55 146.1 139.6 179.6
 56 111.3 108.2 148.2

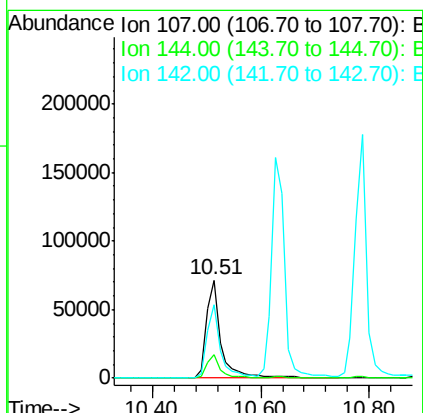
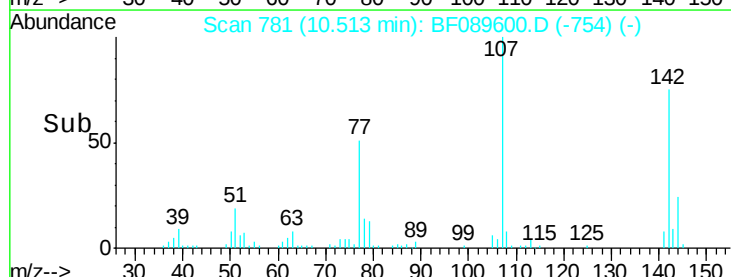
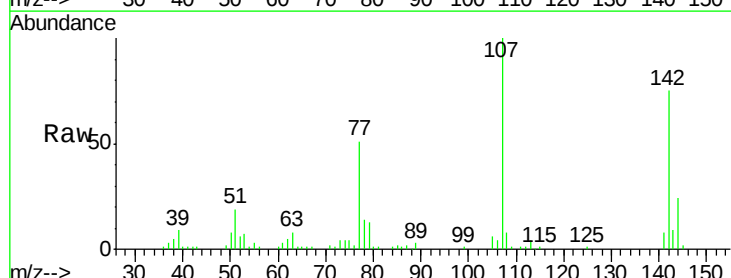
Manual Integrations
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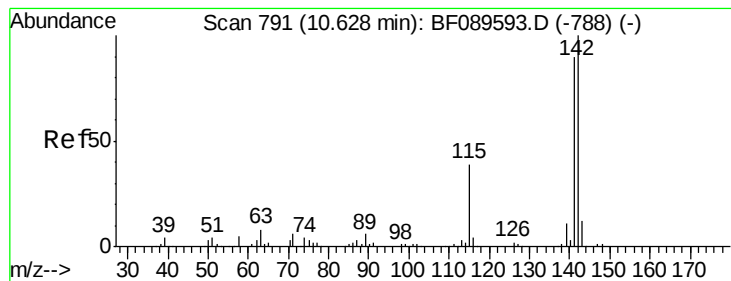
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#36
 4-Chloro-3-methylphenol
 Concen: 42.21 ng/ml
 RT: 10.51 min Scan# 781
 Delta R.T. 0.01 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Tgt Ion: 107 Resp: 133968
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.9 28.3
 142 74.8 60.4 90.6





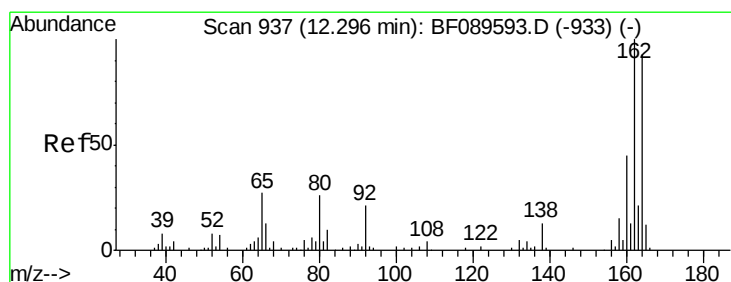
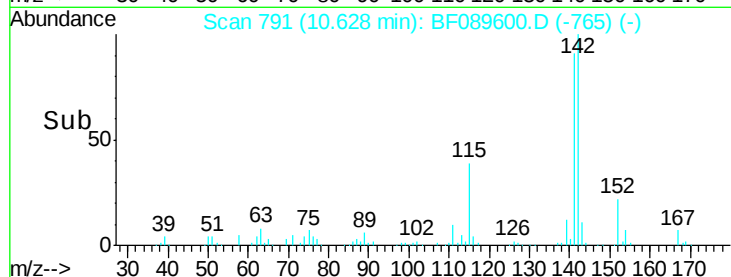
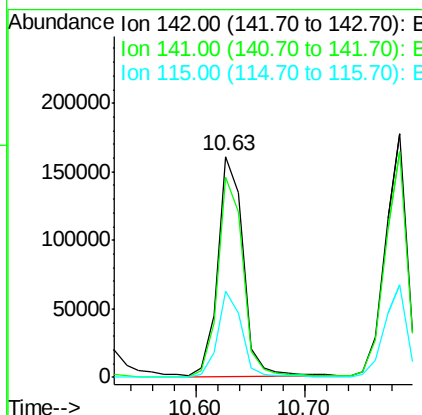
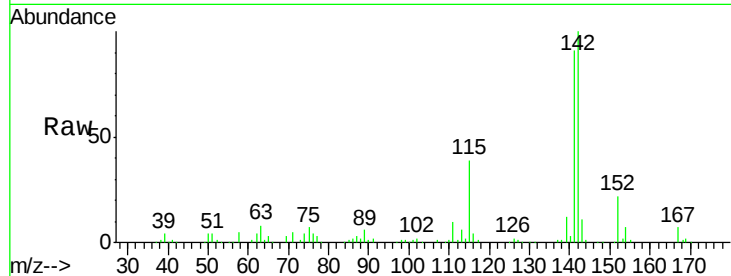
#37
2-Methylnaphthalene
Concen: 39.23 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB92672BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.8	107.6
115	39.1	31.0	46.4

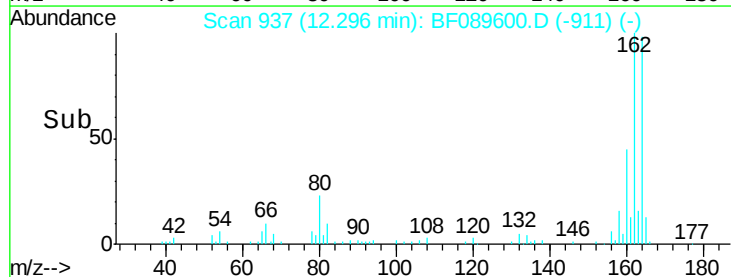
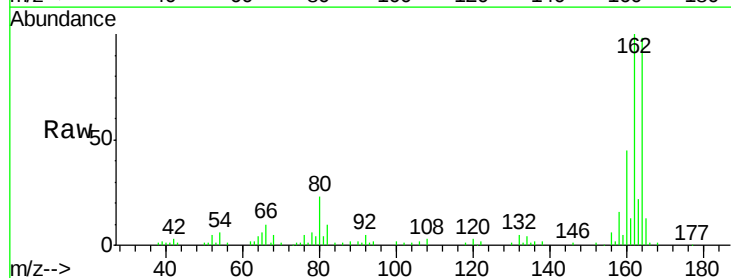
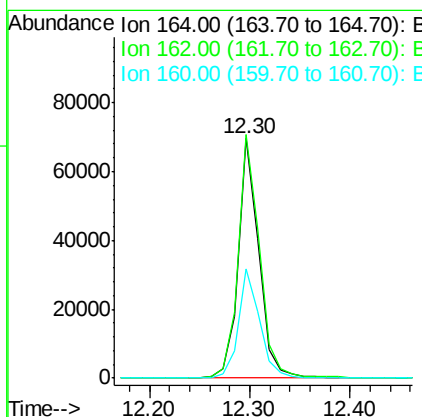
Manual Integrations
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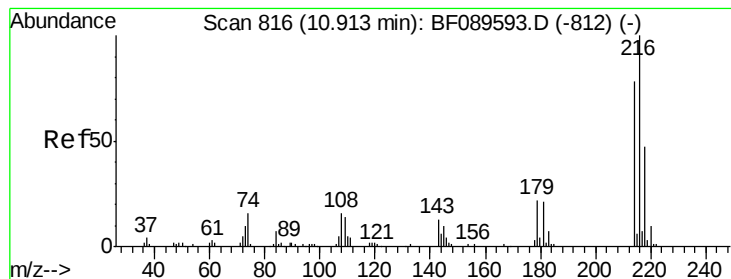
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	85.7	128.5
160	45.5	38.2	57.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.45 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

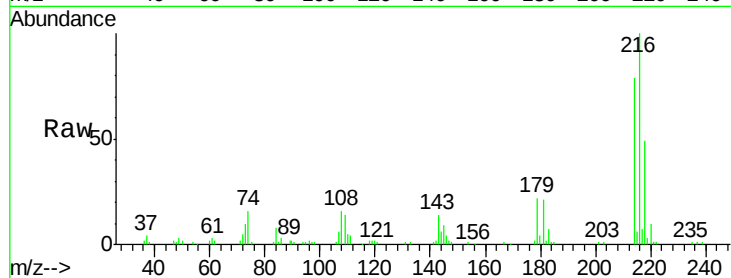
ClientSampled :

PB92672BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	105540		
214	78.9	62.6	94.0	
179	22.4	17.8	26.8	
108	22.1	16.3	24.5	

Manual Integrations
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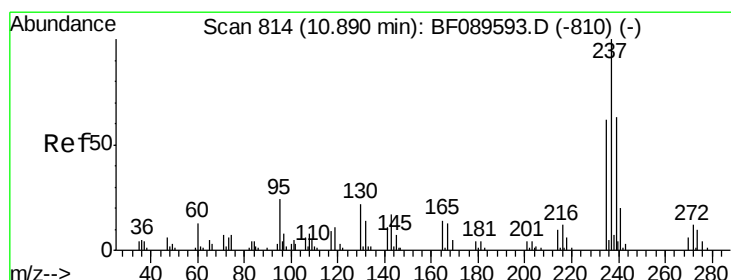
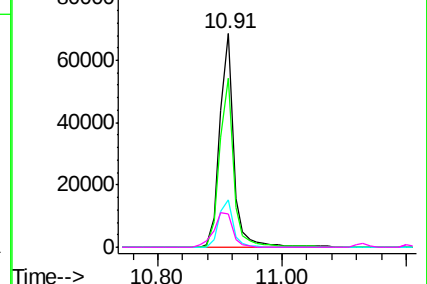
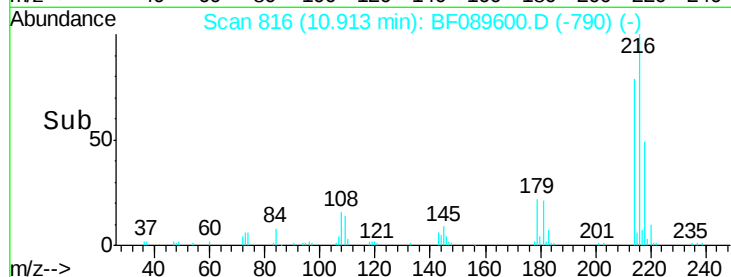


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.60 ng

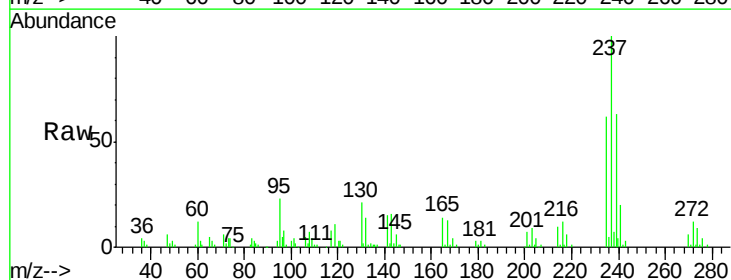
RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

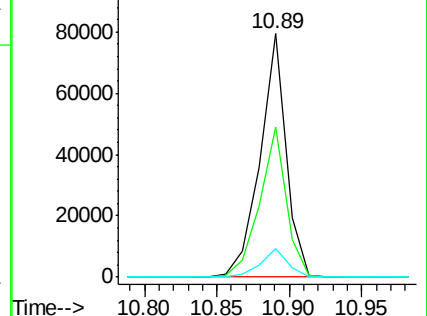
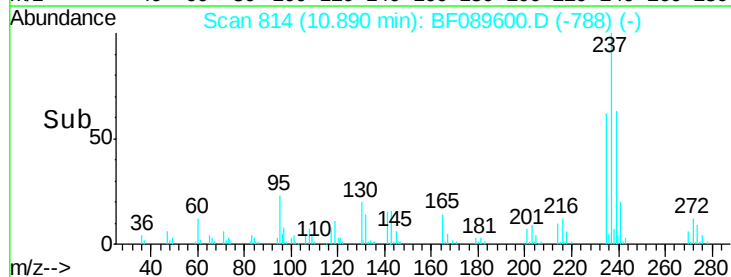
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	99227		
235	61.9	41.9	81.9	
272	11.7	0.0	32.4	

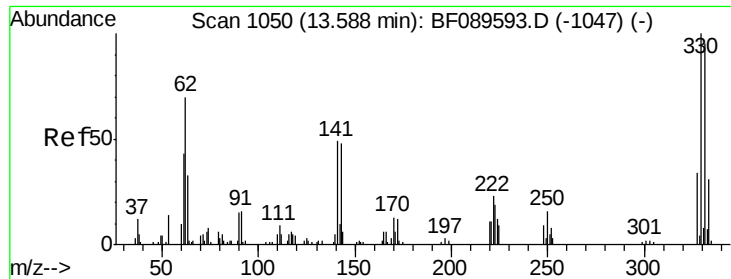


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





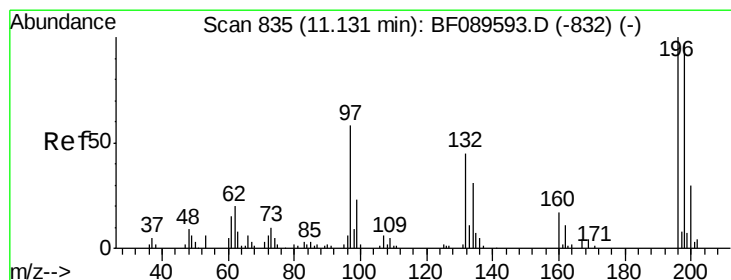
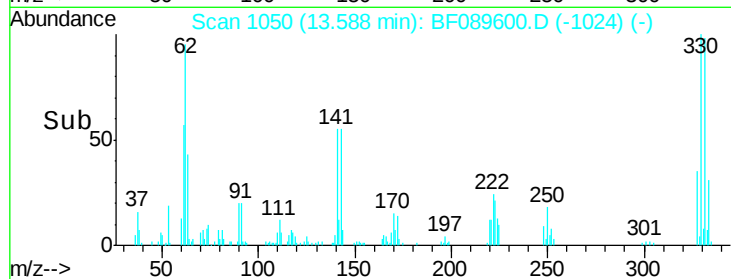
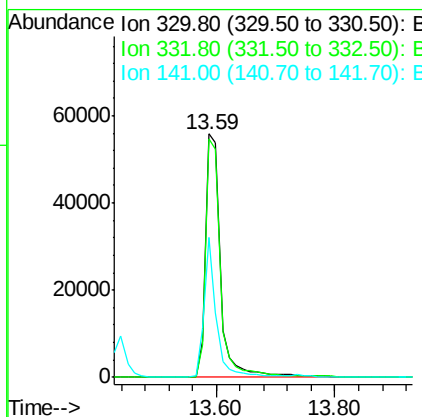
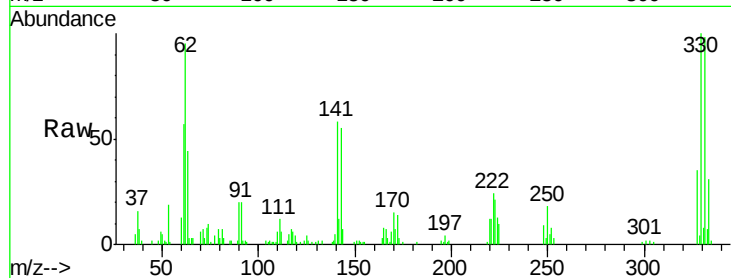
#41
 2,4,6-Tribromophenol
 Concen: 122.66 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB92672BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	47.5	38.6	57.8

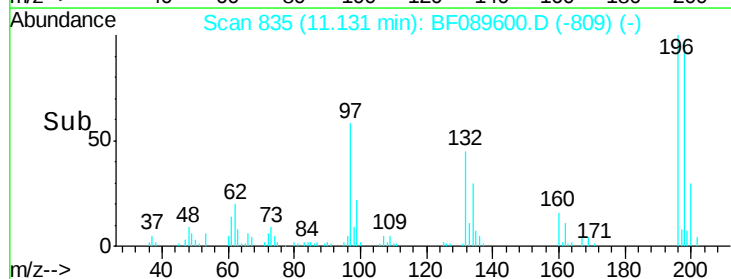
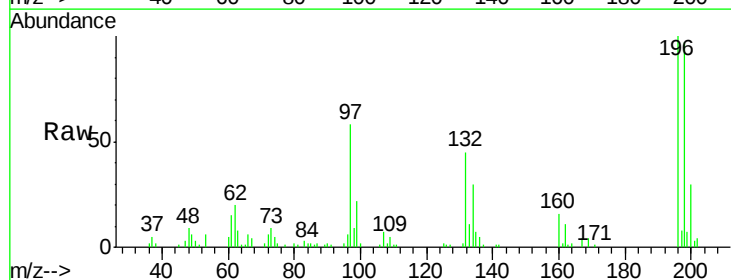
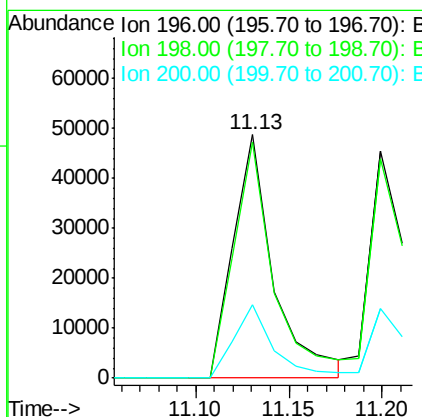
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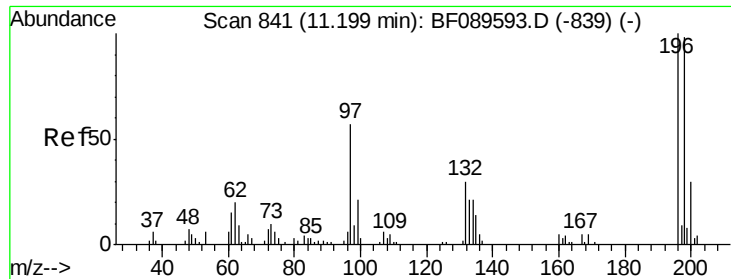
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#42
 2,4,6-Trichlorophenol
 Concen: 40.38 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.6	116.4
200	30.3	23.8	35.8





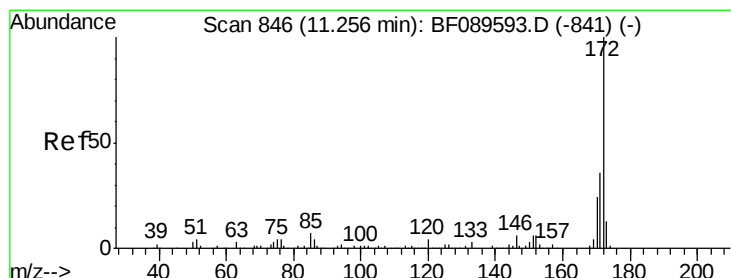
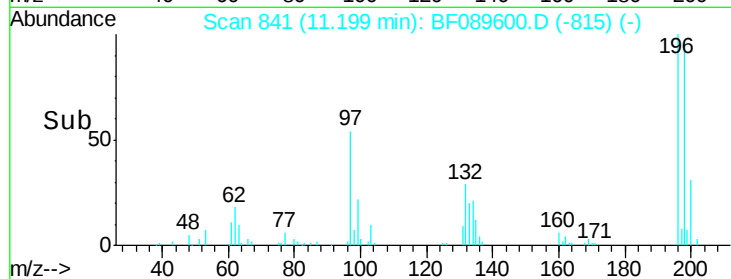
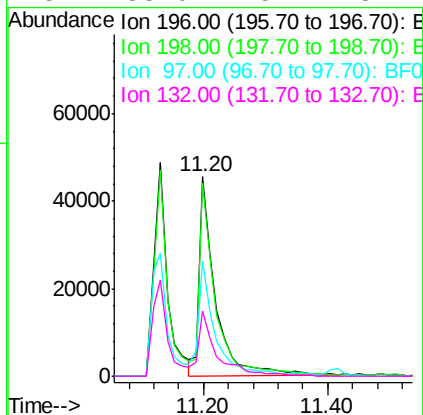
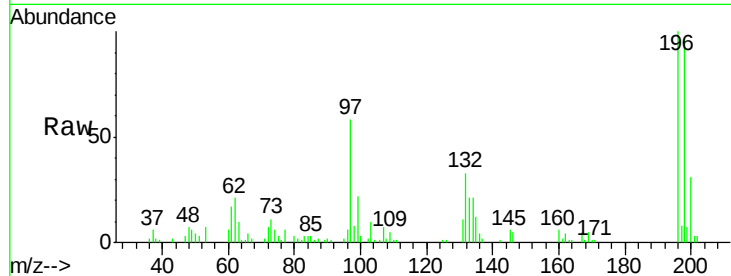
#43
 2,4,5-Trichlorophenol
 Concen: 41.66 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB92672BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	81455		
198	96.7	77.8	116.6	
97	58.0	45.8	68.6	
132	33.0	25.1	37.7	

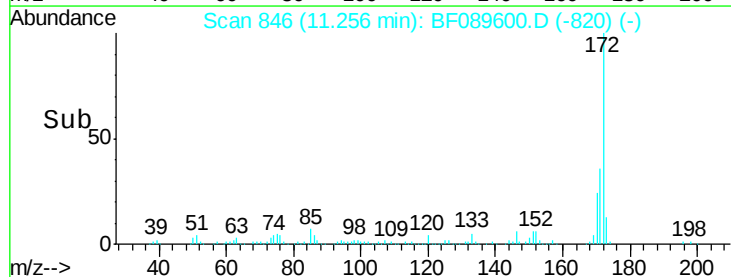
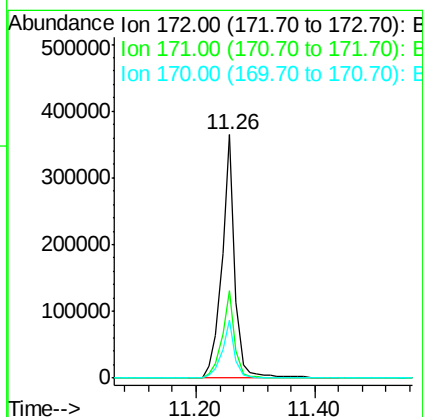
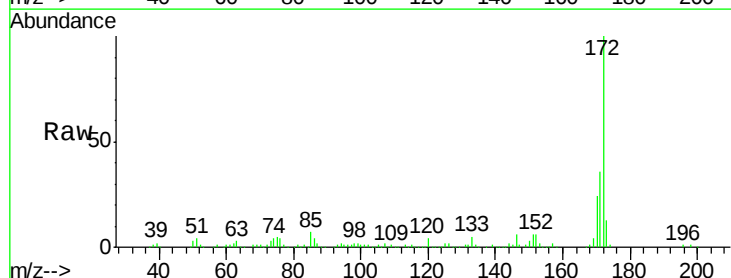
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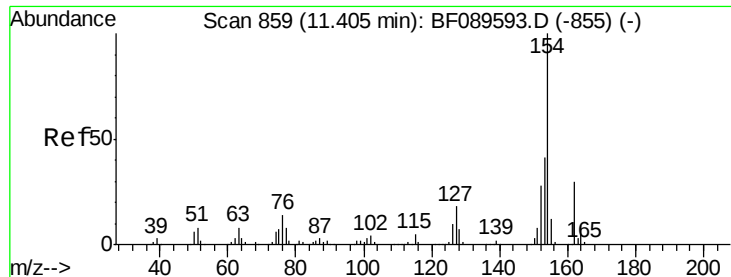
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#44
 2-Fluorobiphenyl
 Concen: 72.94 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	553899		
171	35.9	28.9	43.3	
170	23.7	19.0	28.6	





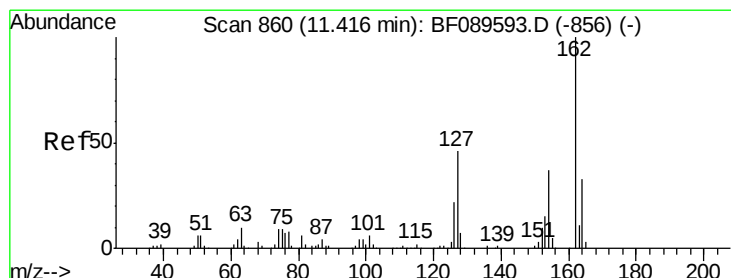
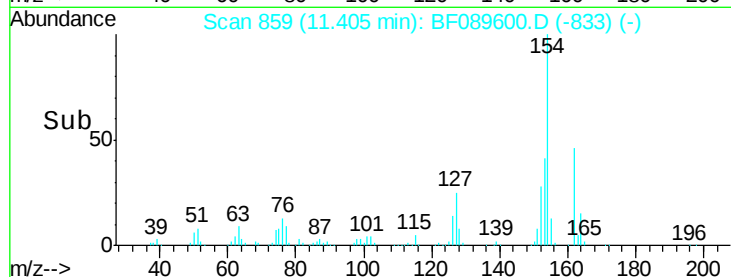
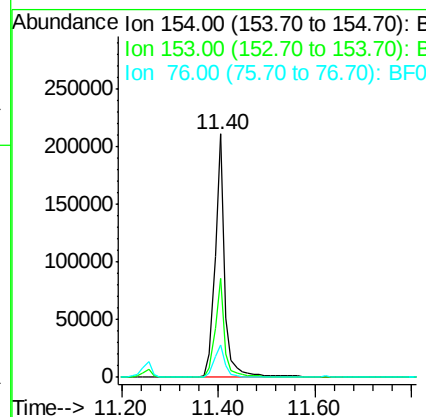
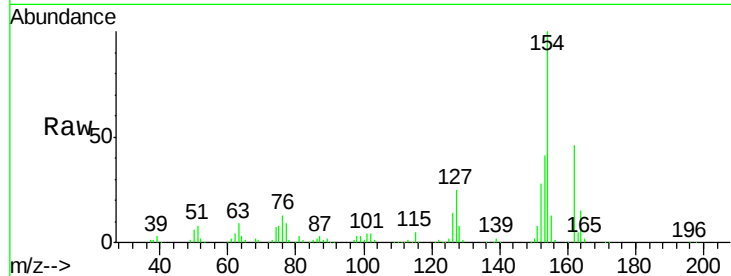
#45
 1,1'-Biphenyl
 Concen: 33.90 ng
 RT: 11.40 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB92672BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	301716		
153	40.7	20.6	60.6	
76	13.5	0.0	33.7	

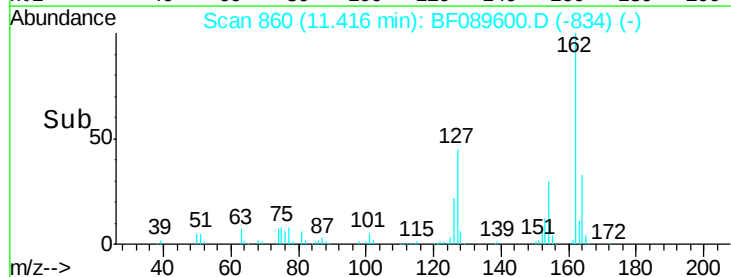
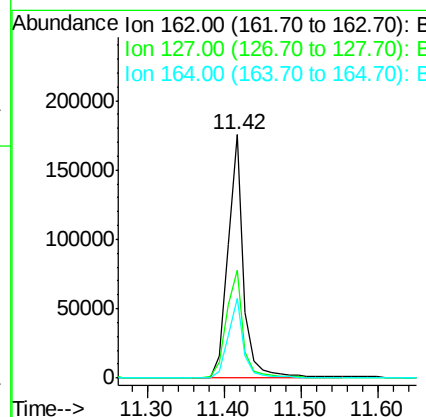
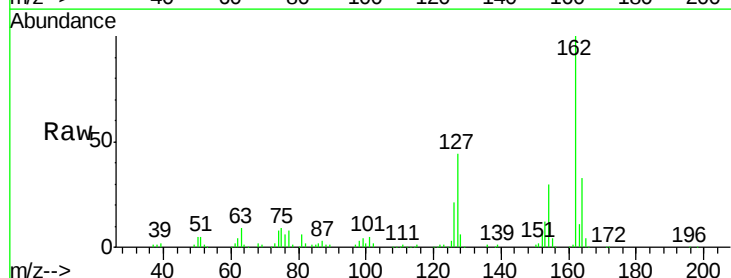
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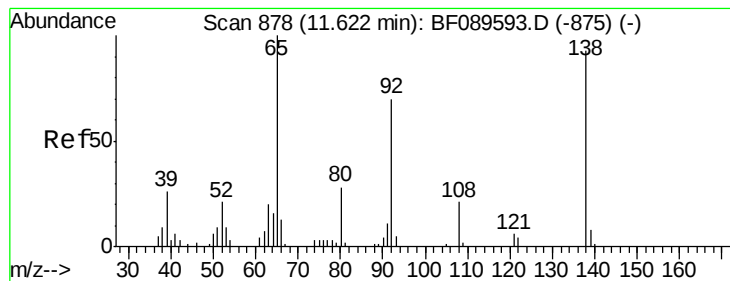
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#46
 2-Chloronaphthalene
 Concen: 38.10 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	254257		
127	44.3	36.6	54.8	
164	32.6	26.8	40.2	





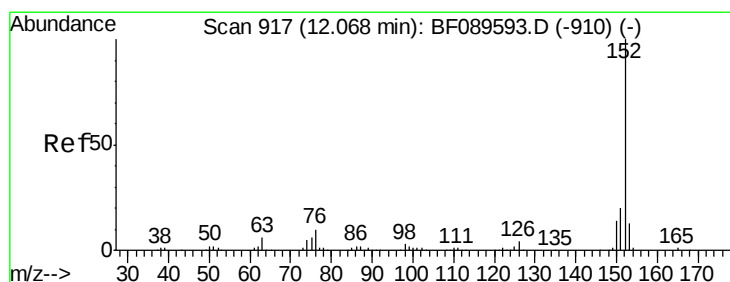
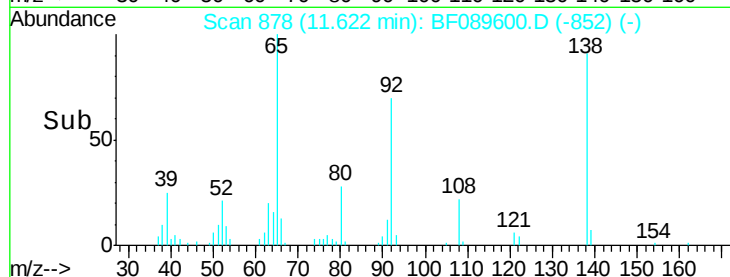
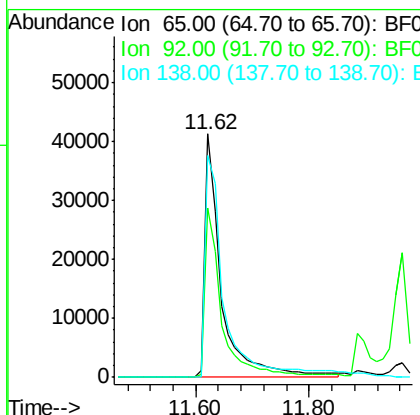
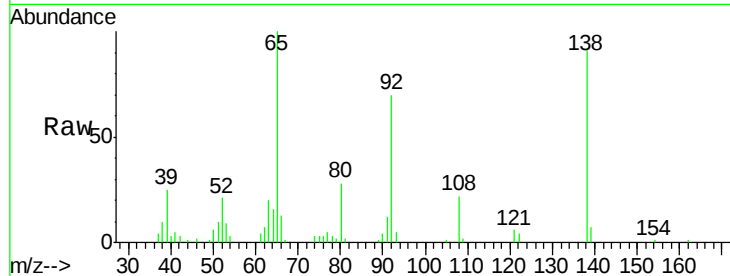
#47
2-Nitroaniline
Concen: 37.80 ng
RT: 11.62 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB92672BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.6	56.3	84.5
138	91.1	74.3	111.5

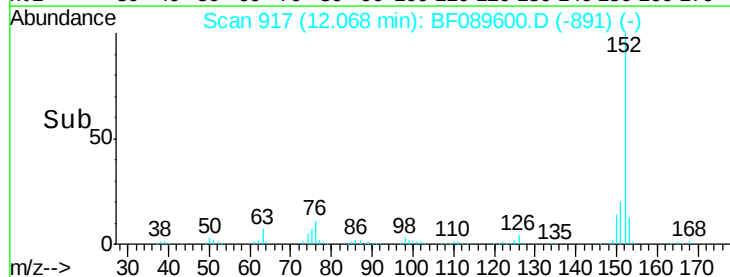
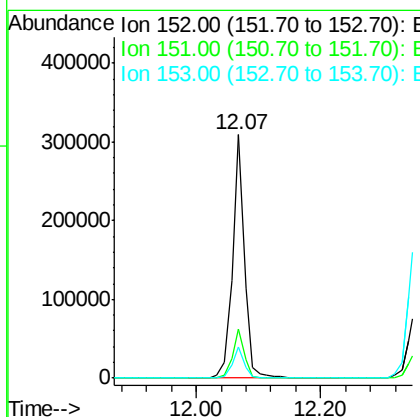
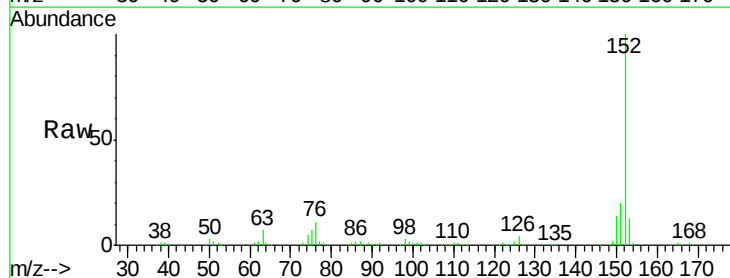
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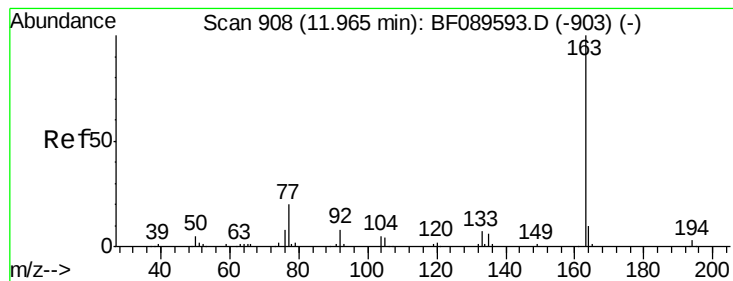
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#48
Acenaphthylene
Concen: 37.63 ng
RT: 12.07 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	12.7	10.5	15.7





#49

Dimethylphthalate

Concen: 40.97 ng

RT: 11.96 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

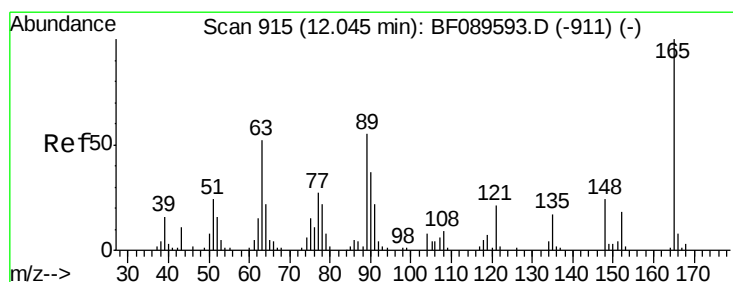
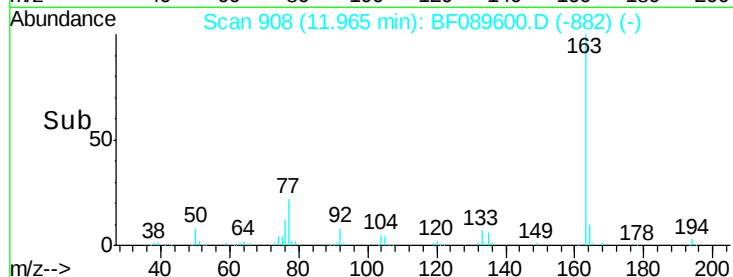
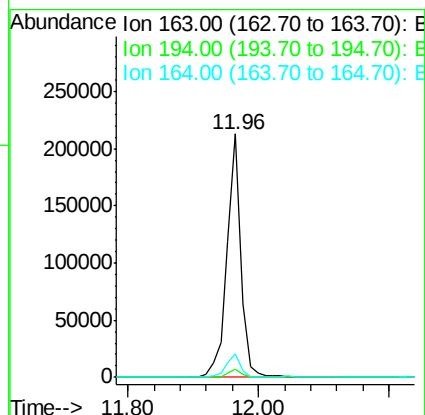
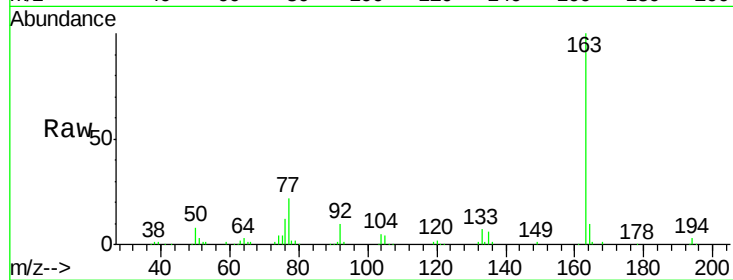
ClientSampleId :

PB92672BS

Tot Ion:	163	Resp:	316925
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	9.7	7.8	11.6

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#50

2,6-Dinitrotoluene

Concen: 44.20 ng

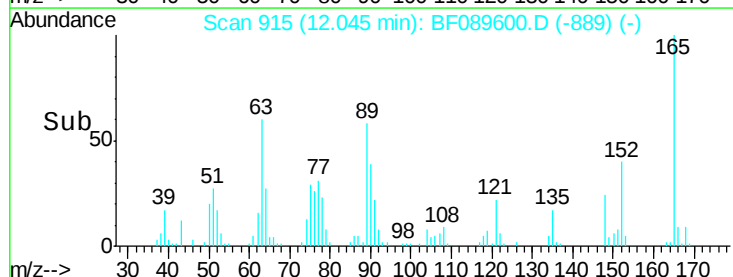
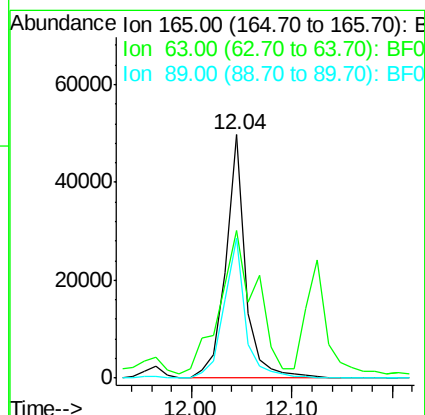
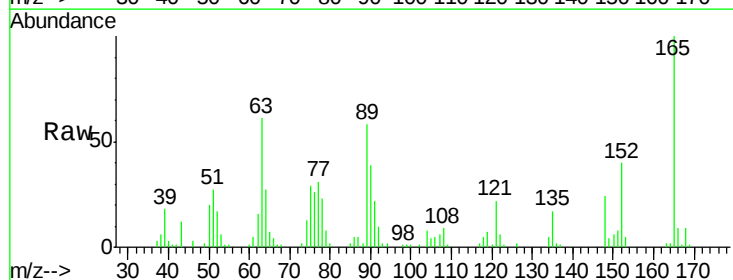
RT: 12.04 min Scan# 915

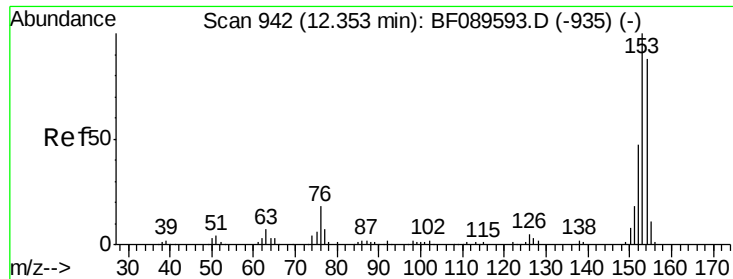
Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Tgt Ion:	165	Resp:	67984
Ion Ratio	Lower	Upper	
165	100		
63	60.9	44.6	67.0
89	57.7	44.2	66.2





#51

Acenaphthene

Concen: 38.83 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

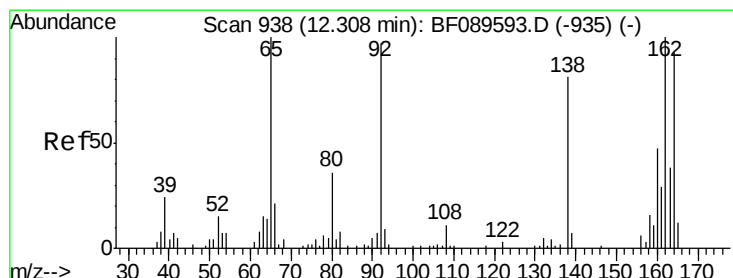
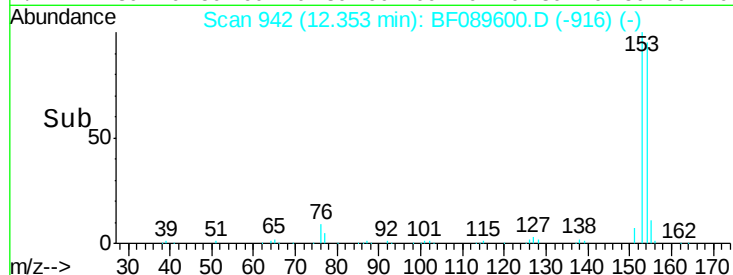
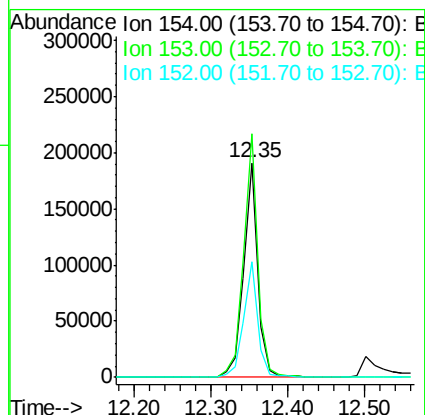
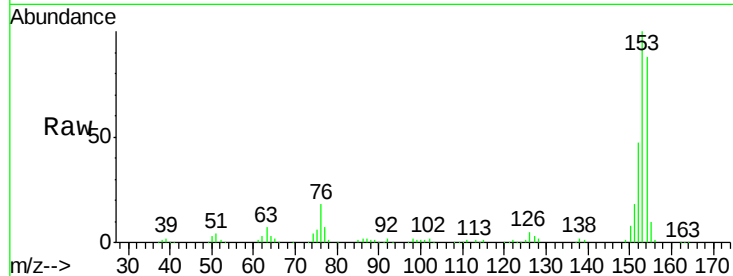
ClientSampleId :

PB92672BS

Tot Ion:	154	Resp:	246558
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.1	136.7
152	53.8	43.5	65.3

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#52

3-Nitroaniline

Concen: 21.49 ng

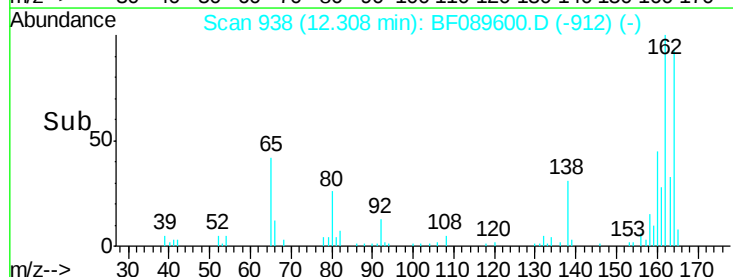
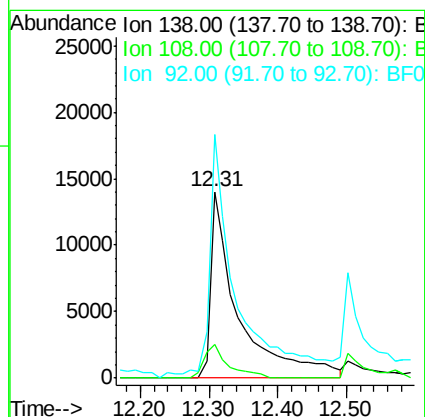
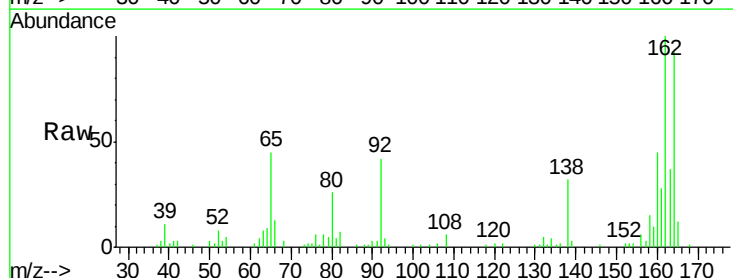
RT: 12.31 min Scan# 938

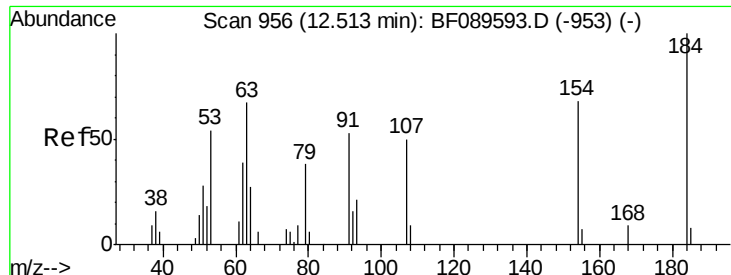
Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Tgt Ion:	138	Resp:	39527
Ion Ratio	Lower	Upper	
138	100		
108	17.8	10.7	16.1#
92	130.7	96.6	145.0





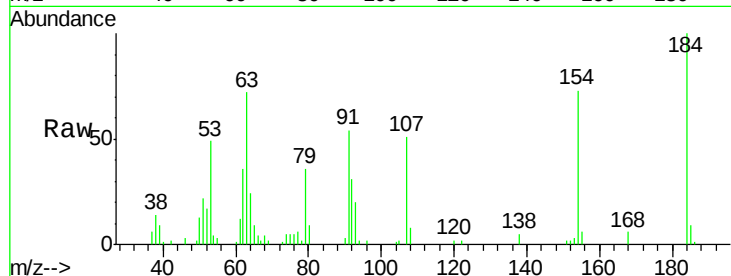
#53
 2,4-Dinitrophenol
 Concen: 79.86 ng
 RT: 12.50 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB92672BS

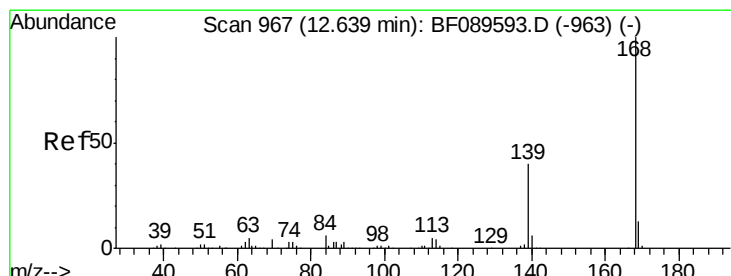
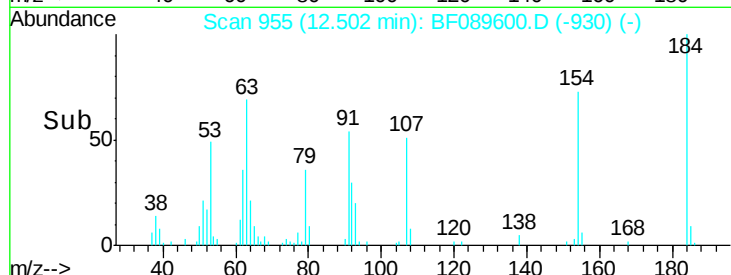
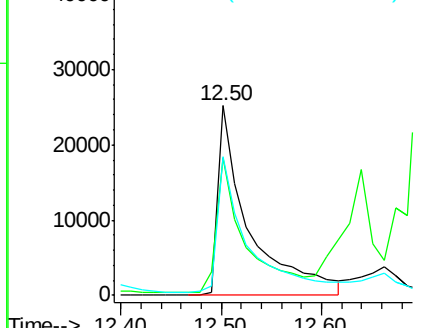
Tot Ion	Ratio	Lower	Upper
184	100		
63	72.4	59.0	88.6
154	73.3	60.0	90.0

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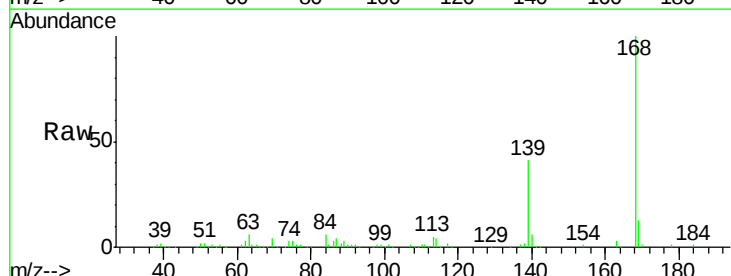


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

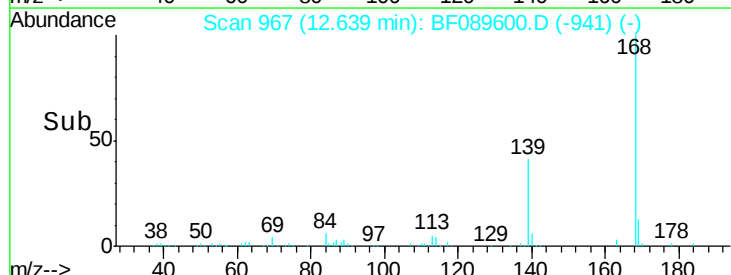
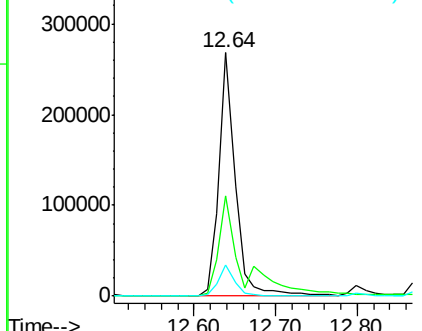


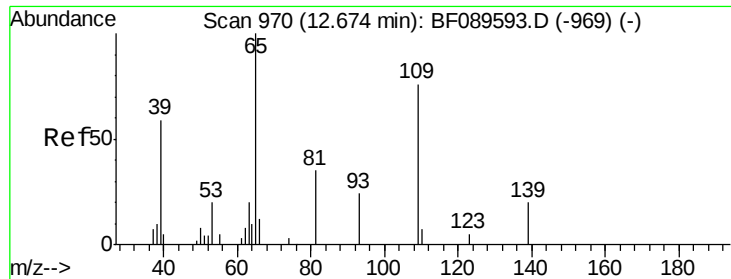
#54
 Dibenzofuran
 Concen: 43.45 ng
 RT: 12.64 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.3	48.5
169	13.0	10.6	15.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





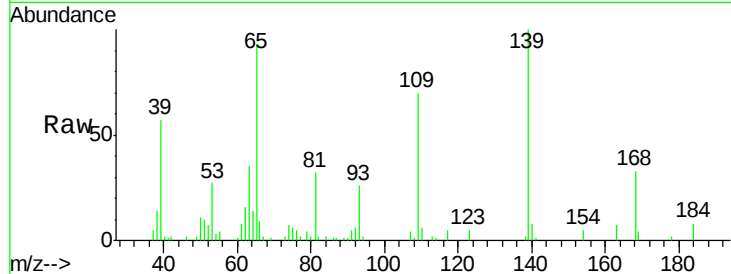
#55
4-Nitrophenol
Concen: 90.75 ng/ml
RT: 12.67 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB92672BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.4	28.9	68.9#	
65	93.5	49.2	89.2#	

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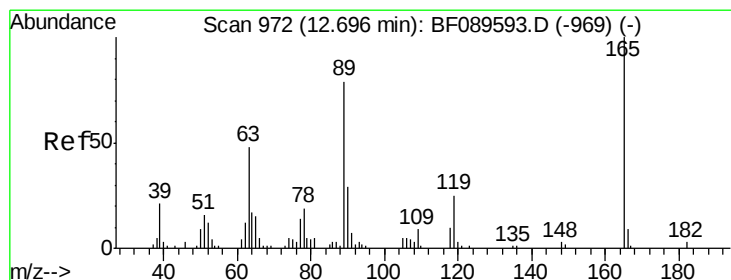
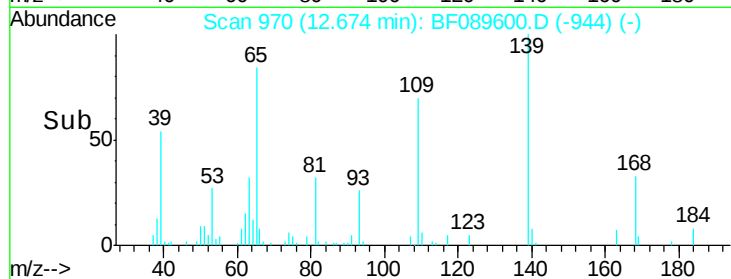
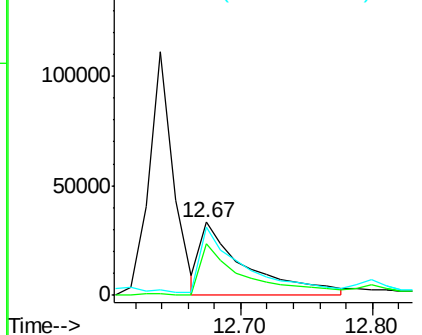


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56
2,4-Dinitrotoluene
Concen: 43.05 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.4	42.2	63.4	
89	87.5	64.4	96.6	
182	2.1	2.1	3.1	

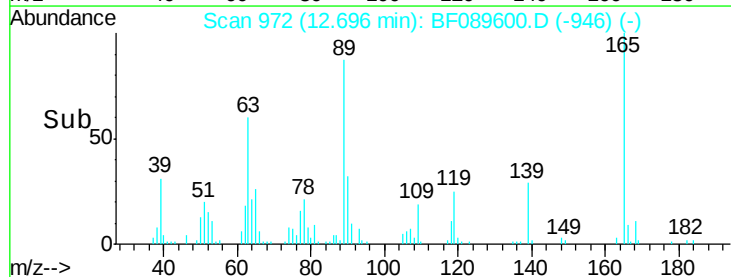
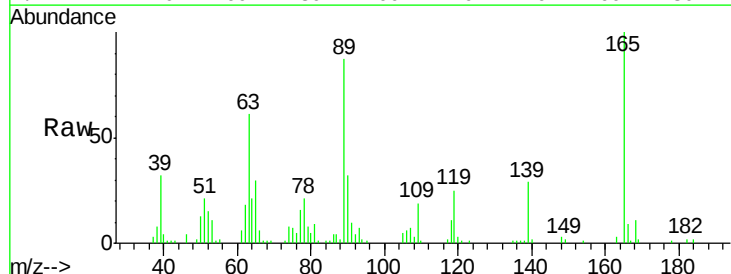
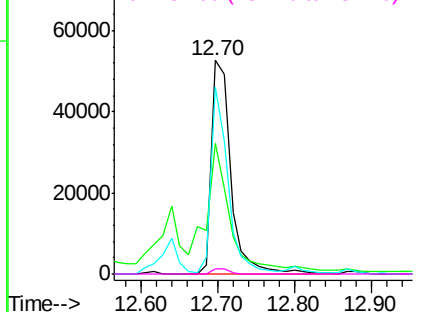
Abundance

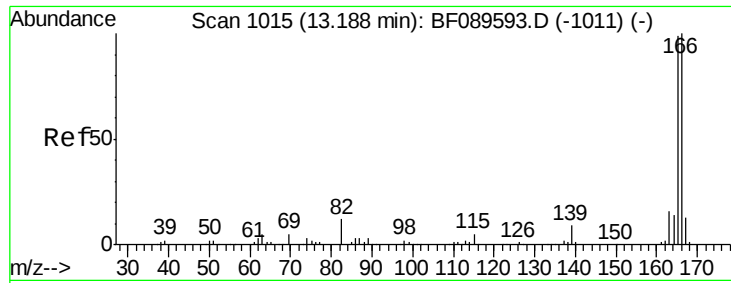
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





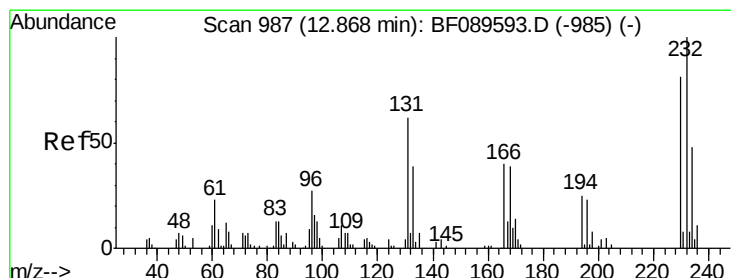
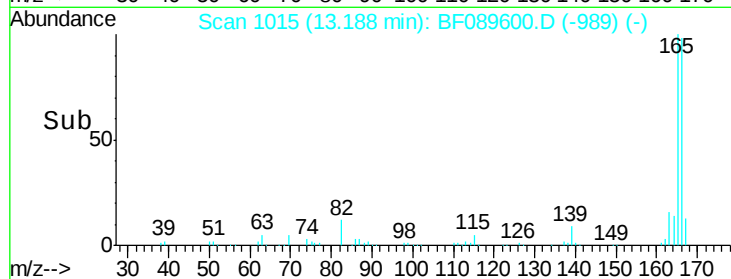
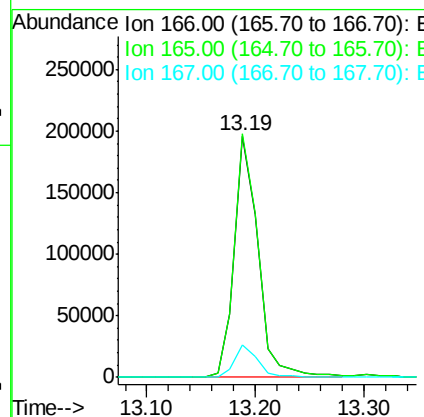
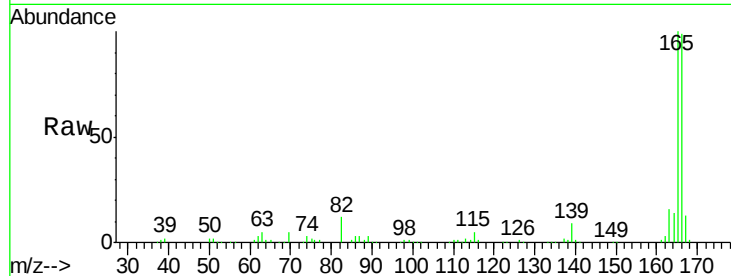
#57
 Fluorene
 Concen: 39.77 ng
 RT: 13.19 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB92672BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.8	78.9	118.3		
167	13.4	10.4	15.6		

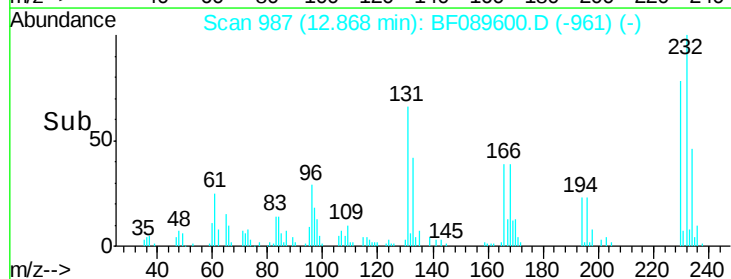
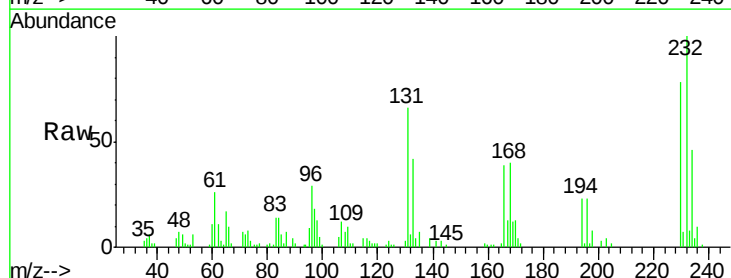
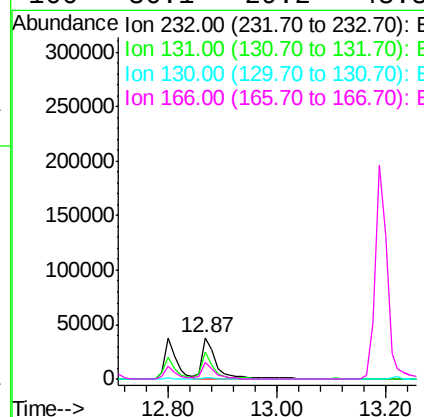
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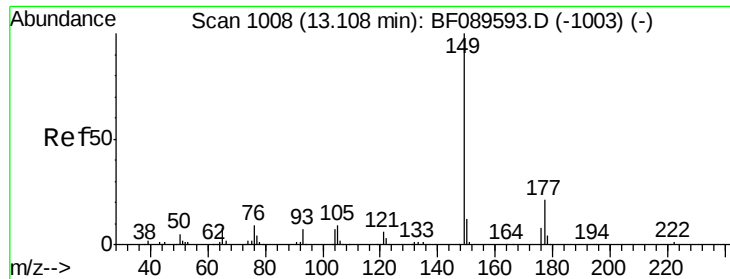
sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.60 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	59.3	46.2	69.2		
130	2.1	1.7	2.5		
166	36.1	29.2	43.8		





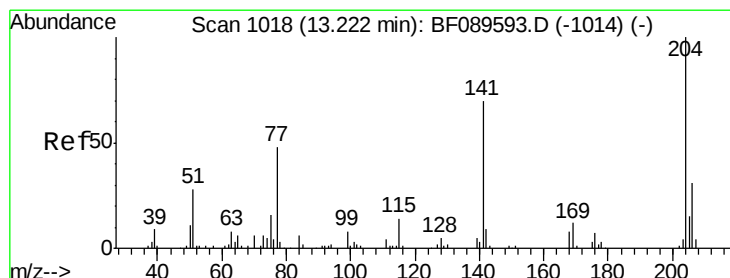
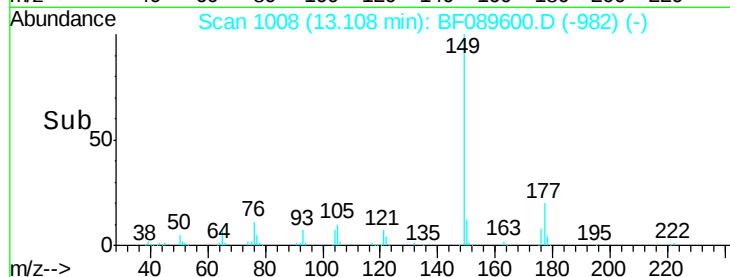
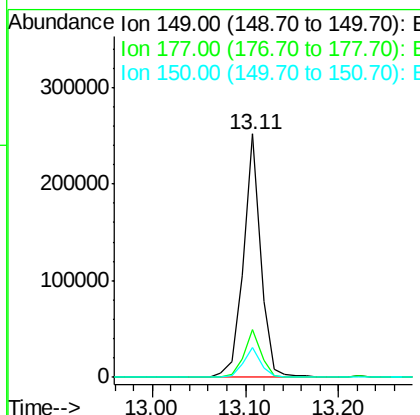
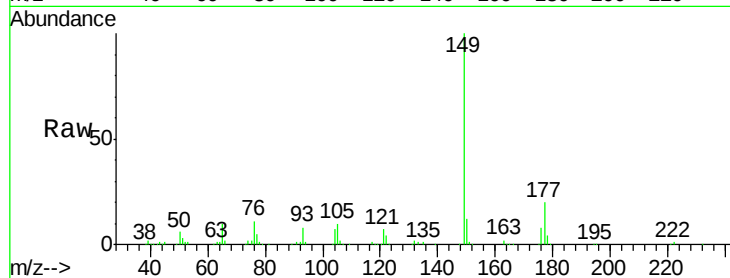
#59
Diethylphthalate
Concen: 40.77 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampled :
PB92672BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	326191		
177	19.8	16.8	25.2	
150	12.5	9.6	14.4	

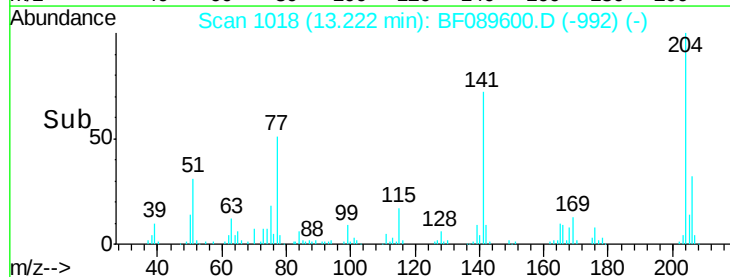
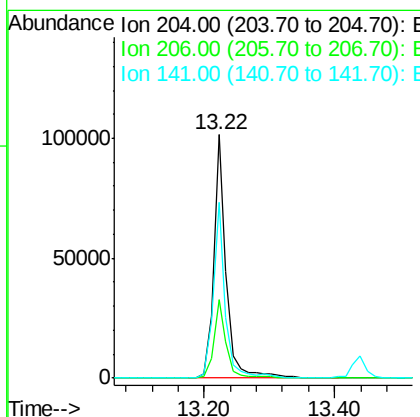
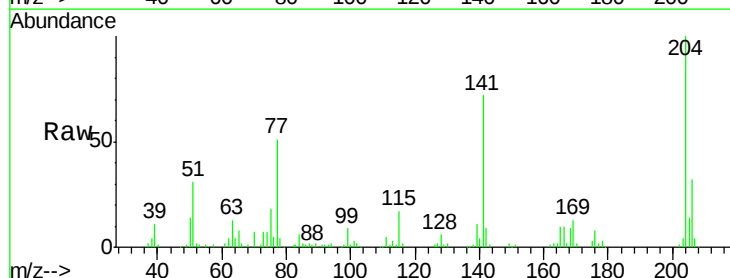
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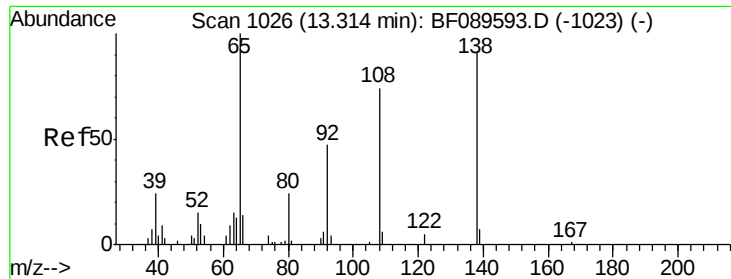
sohil
8/5/2016 6:58:53 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.70 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	135807		
206	32.2	25.0	37.4	
141	72.3	56.2	84.4	





#61

4-Nitroaniline

Concen: 39.05 ng

RT: 13.31 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB92672BS

Tot Ion:138 Resp: 64590

Ion Ratio Lower Upper

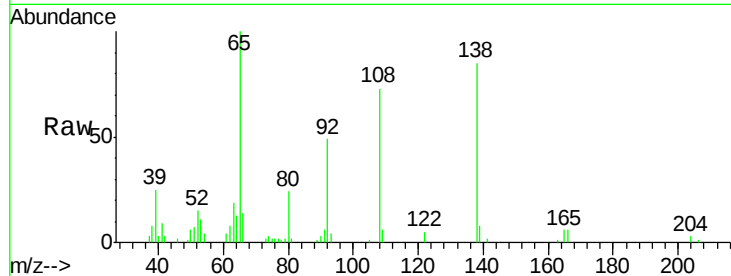
138 100

92 57.2 31.6 71.6

108 85.3 61.5 101.5

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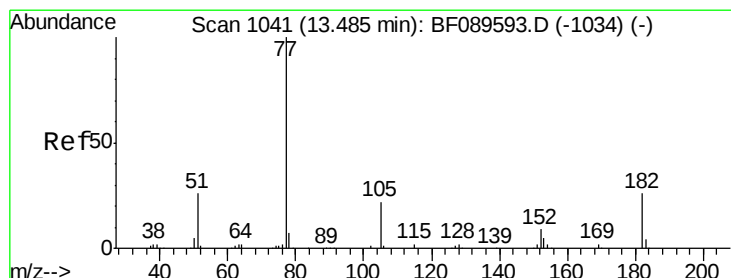
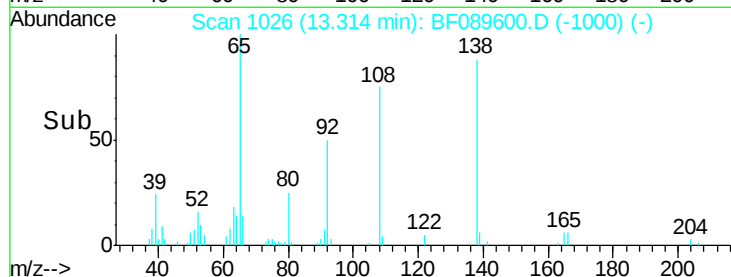
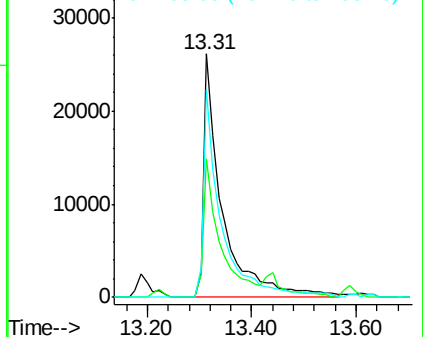
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.13 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Tgt Ion: 77 Resp: 356917

Ion Ratio Lower Upper

77 100

182 24.8 5.8 45.8

105 22.1 2.9 42.9

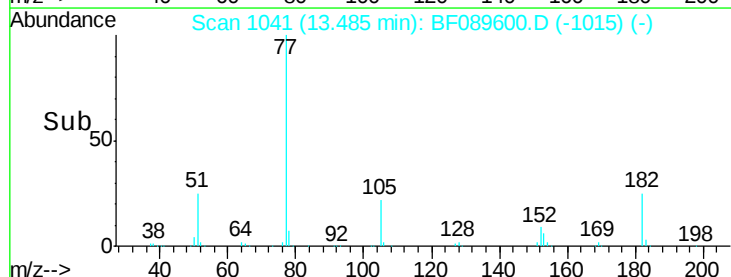
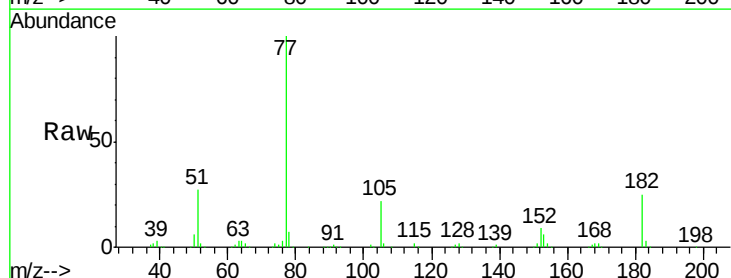
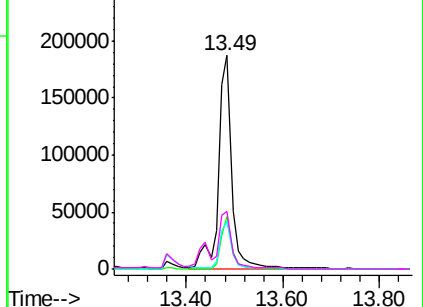
51 26.9 7.2 47.2

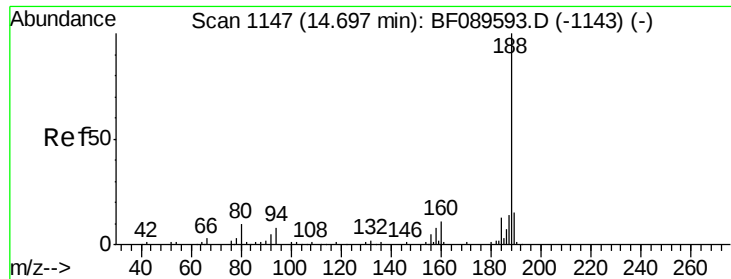
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





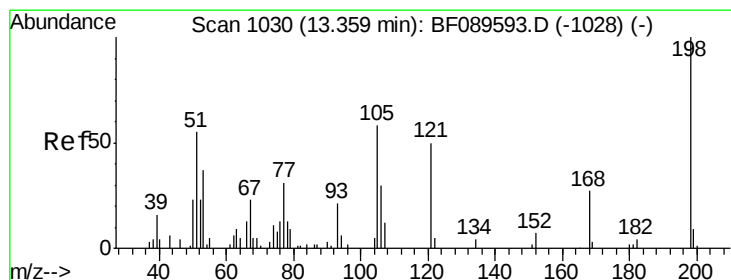
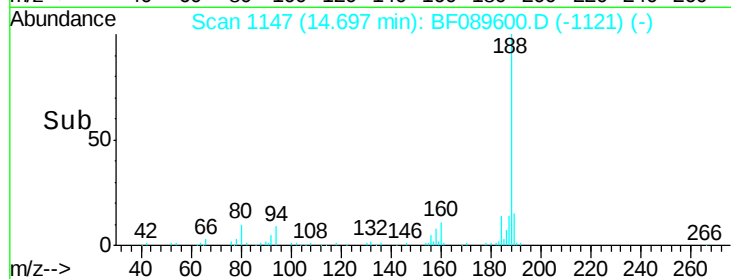
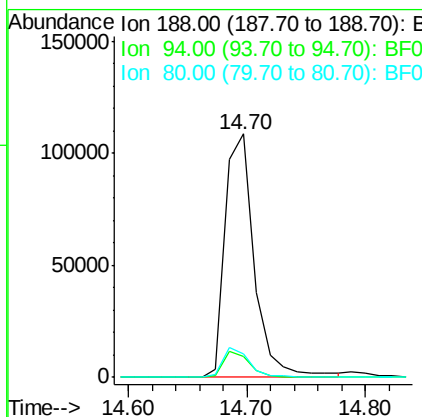
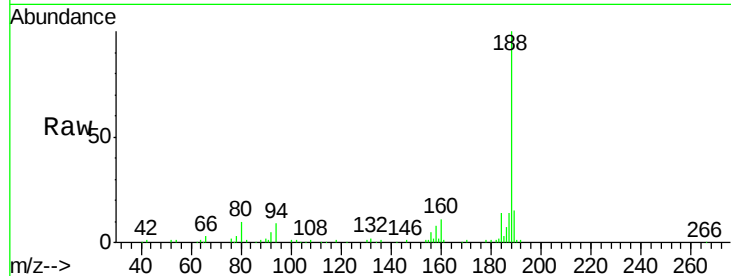
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB92672BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	185100		
94	8.7		6.5	9.7
80	9.8		8.0	12.0

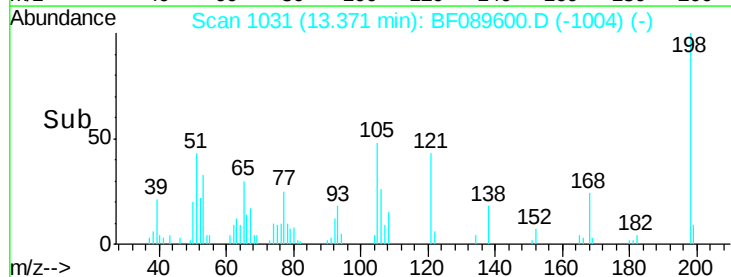
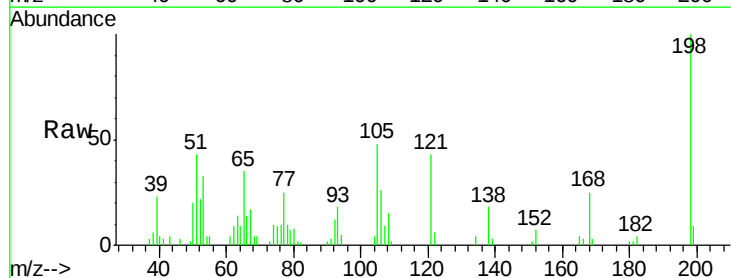
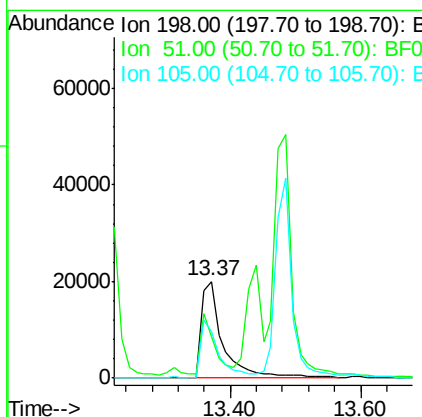
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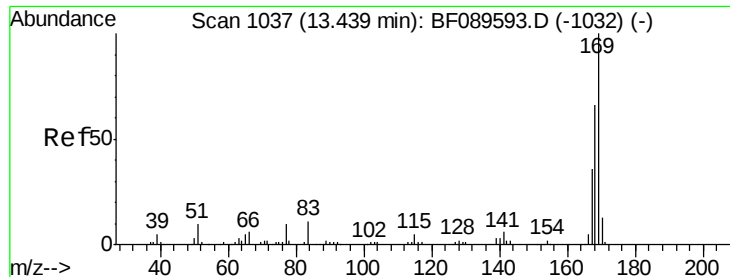
sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.26 ng
RT: 13.37 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	45771		
51	43.3		38.9	78.9
105	47.7		38.1	78.1





#65

n-Nitrosodiphenylamine

Concen: 41.89 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

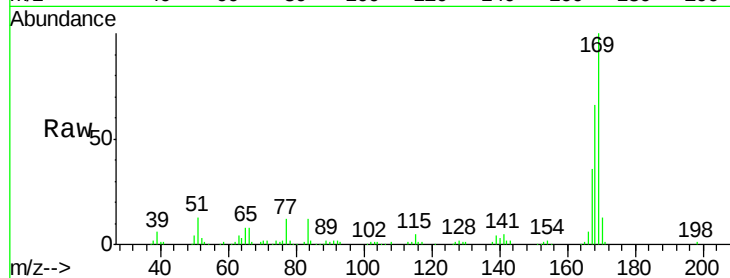
ClientSampleId :

PB92672BS

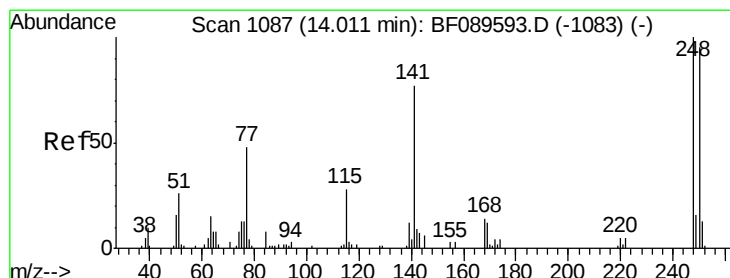
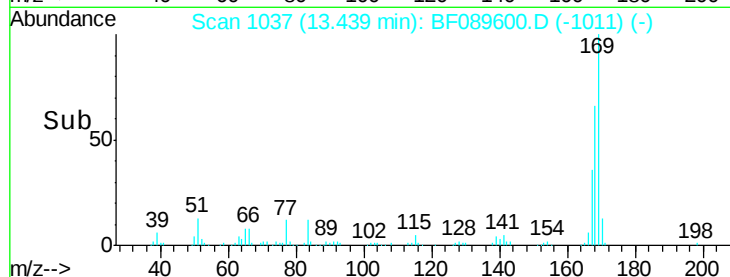
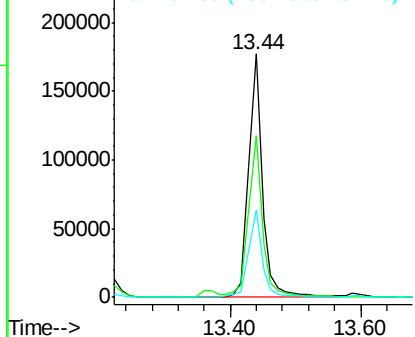
Tot Ion:	169	Resp:	261851
Ion Ratio	Lower	Upper	
169	100		
168	66.2	54.2	81.2
167	36.0	28.9	43.3

Manual Integrations
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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: 42.96 ng

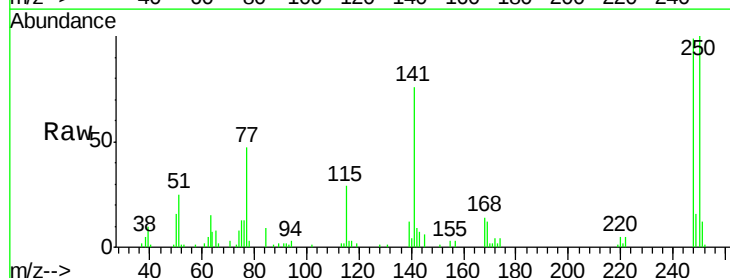
RT: 14.01 min Scan# 1087

Delta R.T. 0.00 min

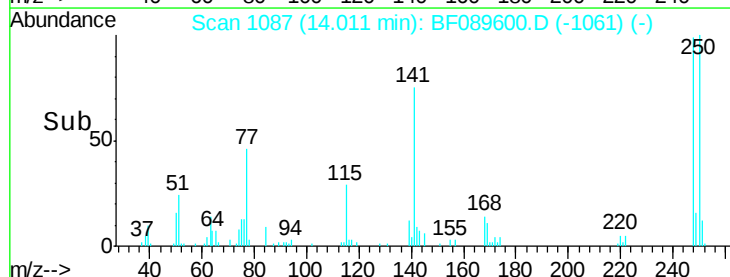
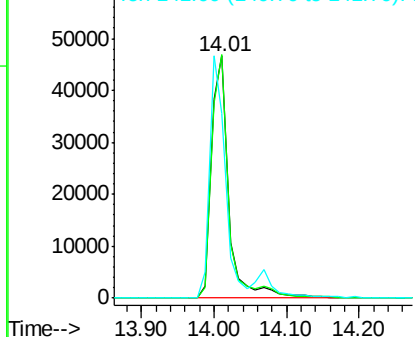
Lab File: BF089600.D

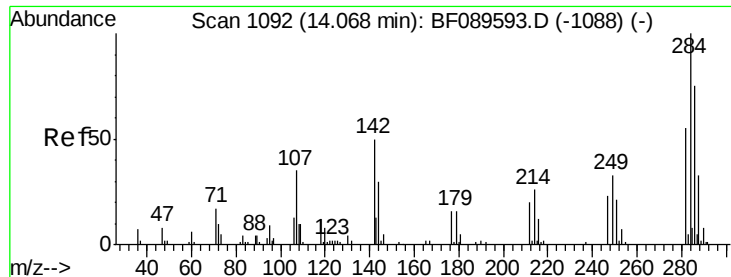
Acq: 4 Aug 2016 21:56

Tgt Ion:	248	Resp:	76909
Ion Ratio	Lower	Upper	
248	100		
250	100.6	76.2	114.2
141	76.4	61.3	91.9



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





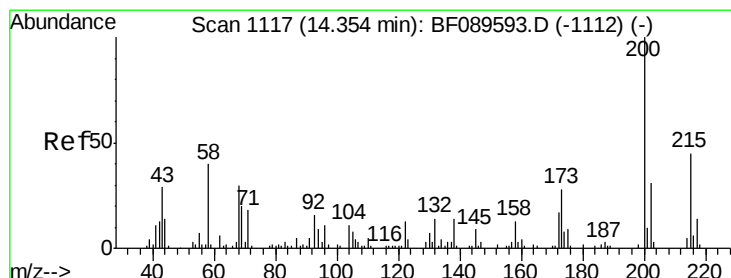
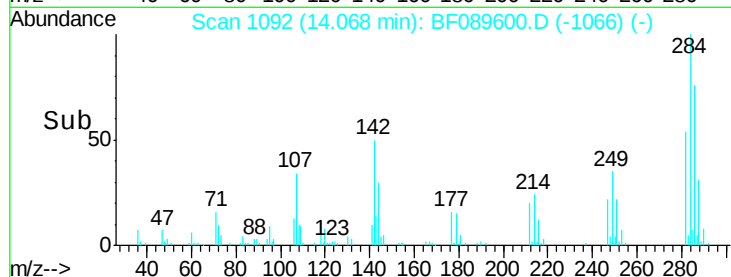
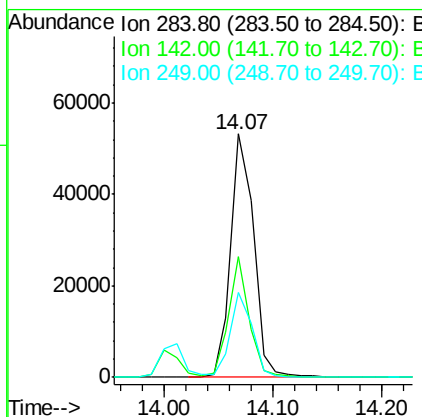
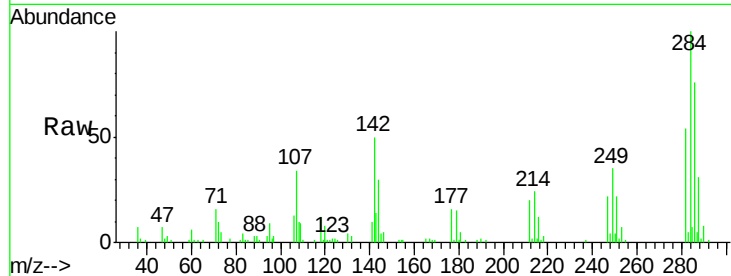
#67
Hexachlorobenzene
Concen: 39.46 ng
RT: 14.07 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB92672BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	77717		
142	49.6		41.4	62.0
249	35.0		28.6	43.0

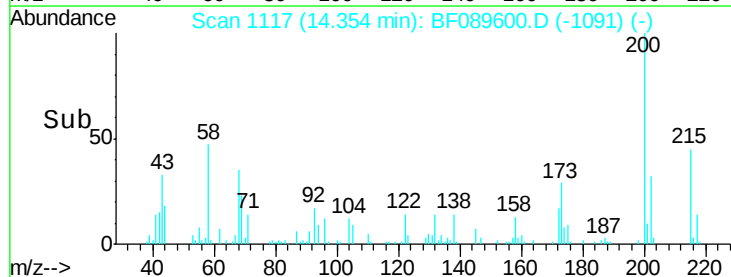
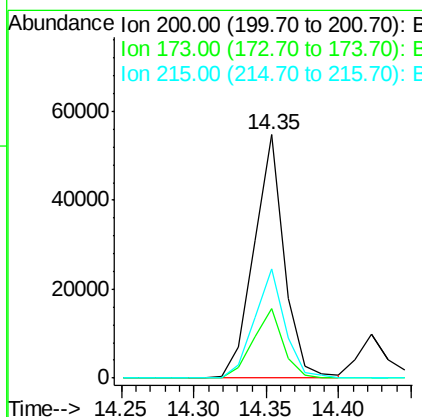
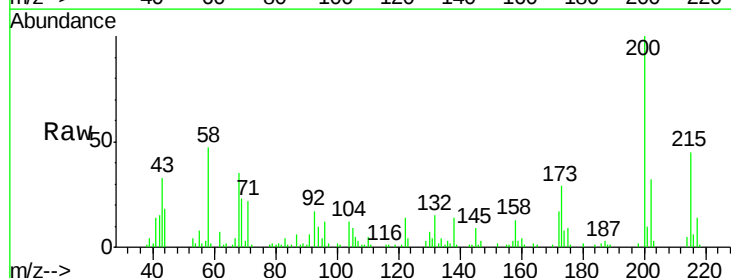
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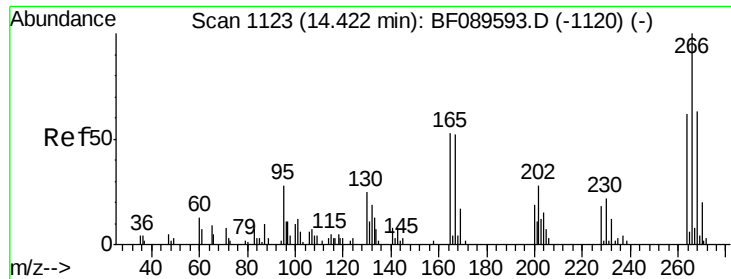
sohil
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#68
Atrazine
Concen: 45.44 ng
RT: 14.35 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	79321		
173	28.6		8.2	48.2
215	45.0		24.9	64.9





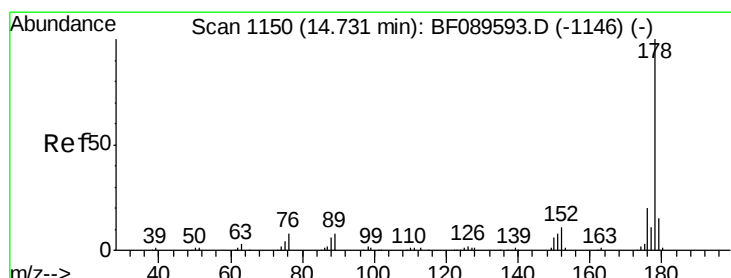
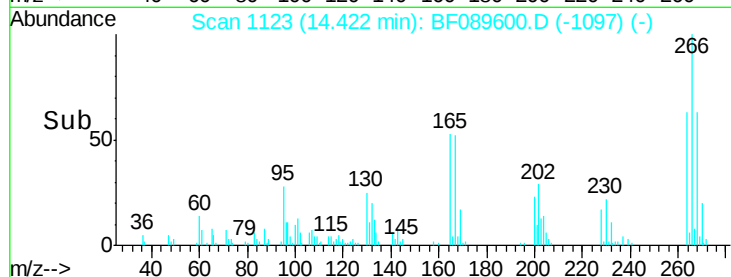
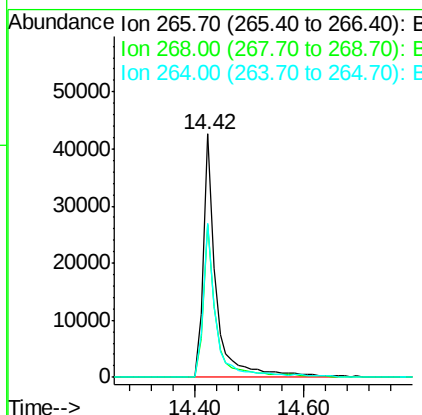
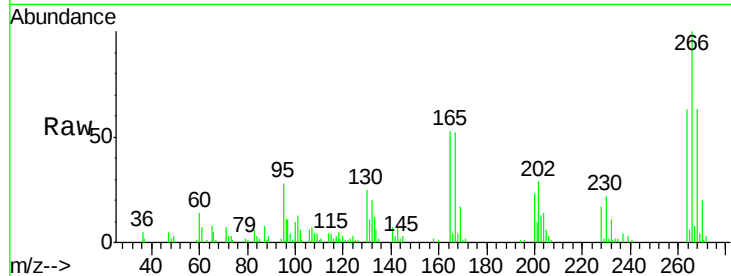
#69
 Pentachlorophenol
 Concen: 82.99 ng
 RT: 14.42 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampled :
 PB92672BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	70115		
268	62.9	50.6	75.8	
264	63.2	49.5	74.3	

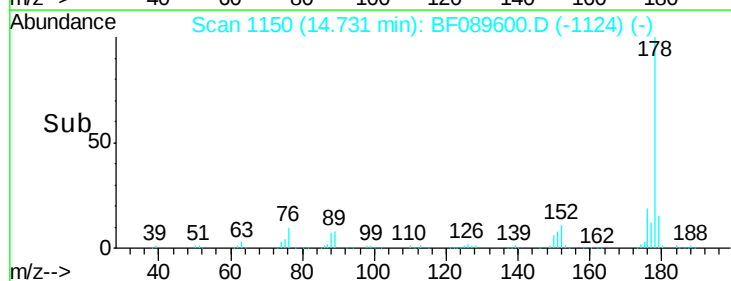
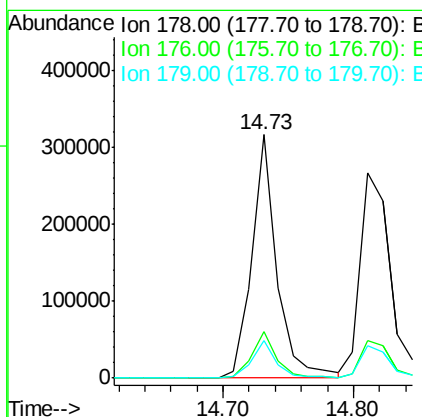
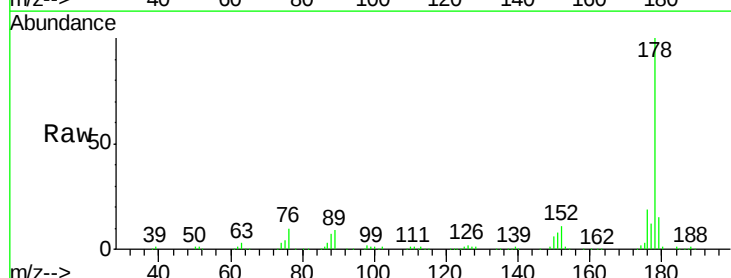
Manual Integrations
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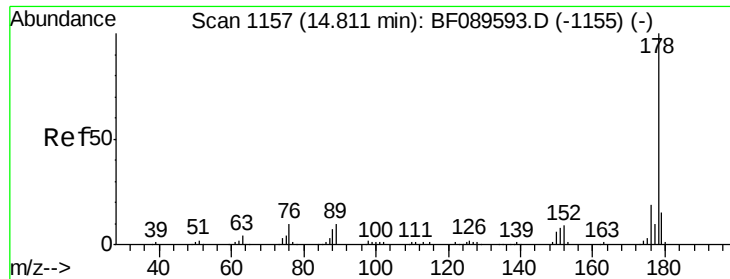
sohil
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#70
 Phenanthrene
 Concen: 42.24 ng
 RT: 14.73 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	425166		
176	19.2	15.7	23.5	
179	15.4	12.2	18.2	





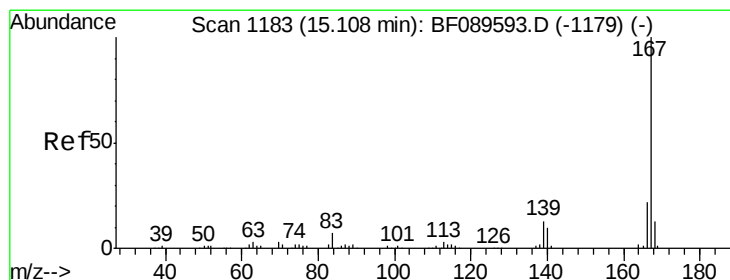
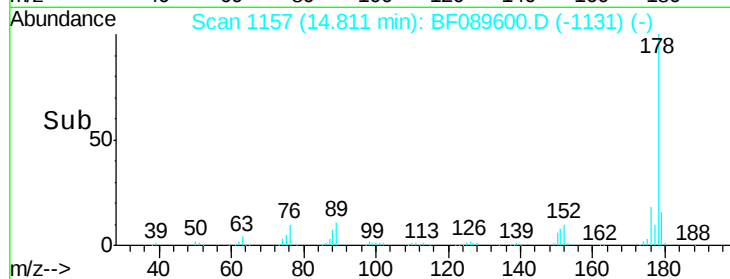
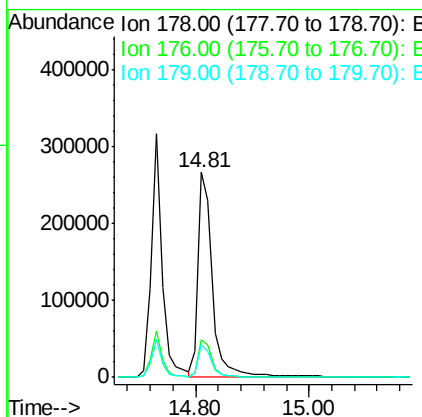
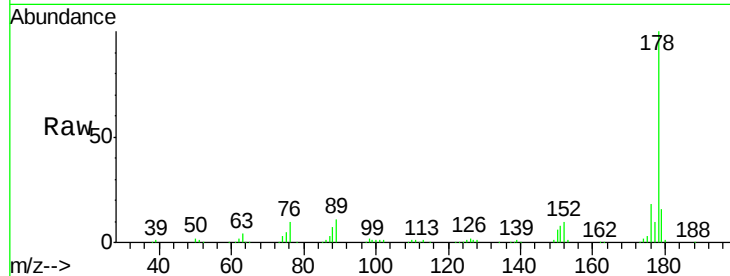
#71
 Anthracene
 Concen: 41.97 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB92672BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.7	12.4	18.6

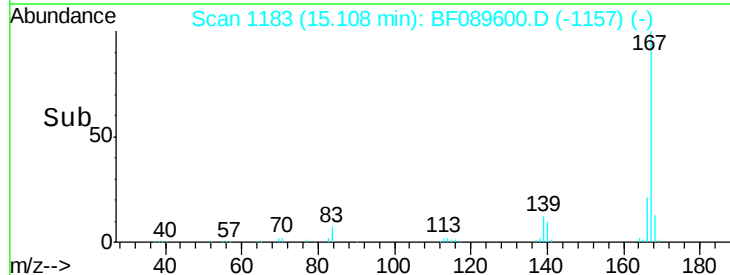
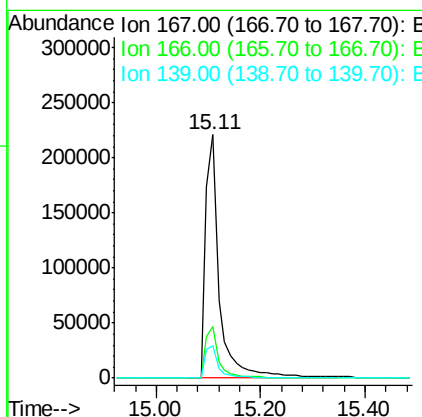
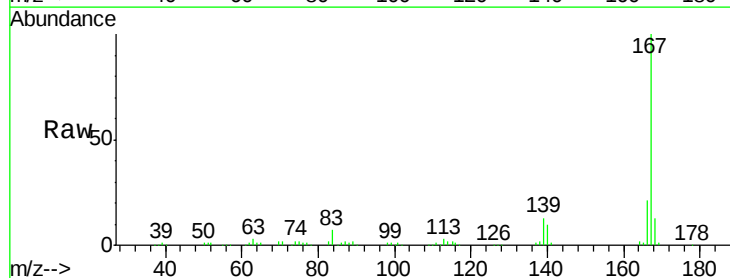
Manual Integrations
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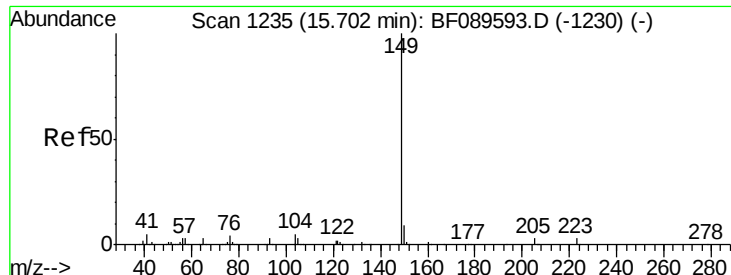
sohil
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#72
 Carbazole
 Concen: 44.97 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	13.3	10.4	15.6





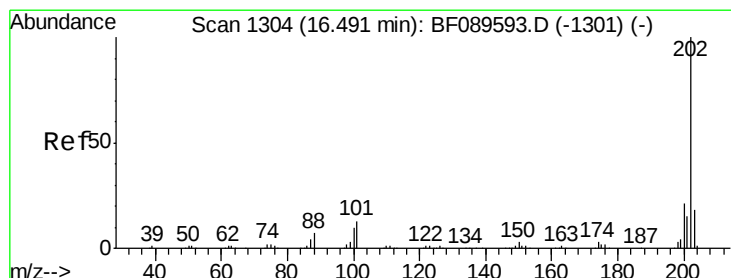
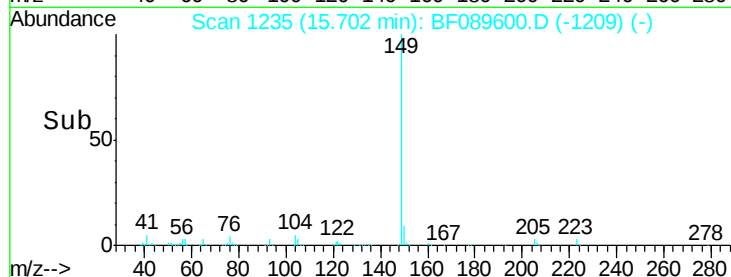
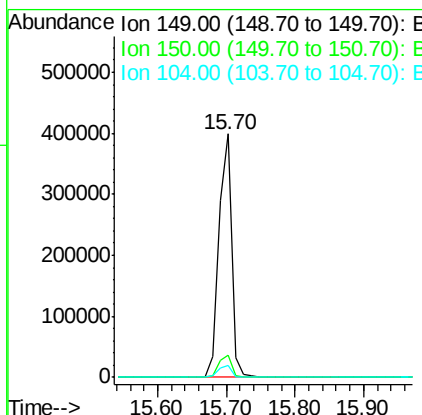
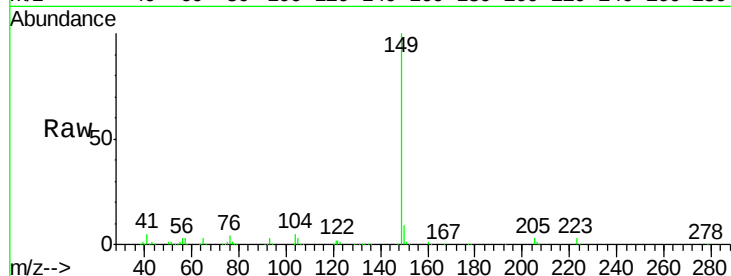
#73
Di-n-butylphthalate
Concen: 43.32 ng
RT: 15.70 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampled :
PB92672BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.2	10.8	
104	4.8	3.8	5.8	

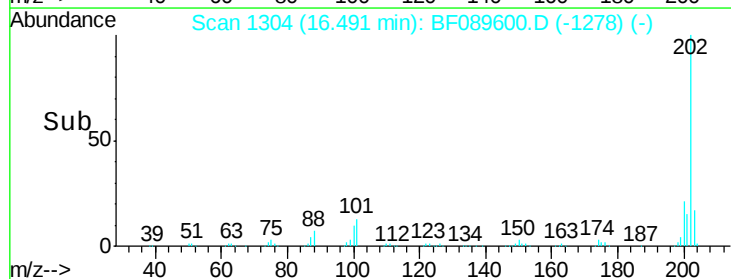
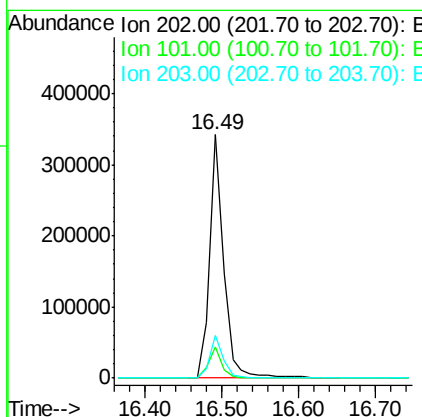
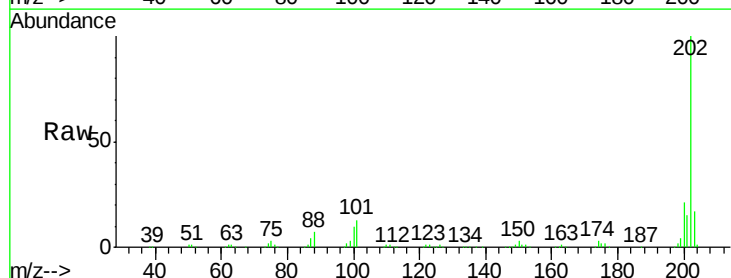
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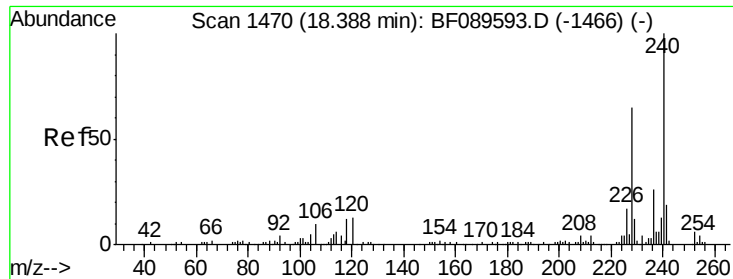
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#74
Fluoranthene
Concen: 42.03 ng
RT: 16.49 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.9	0.0	32.7	
203	17.5	0.0	37.8	





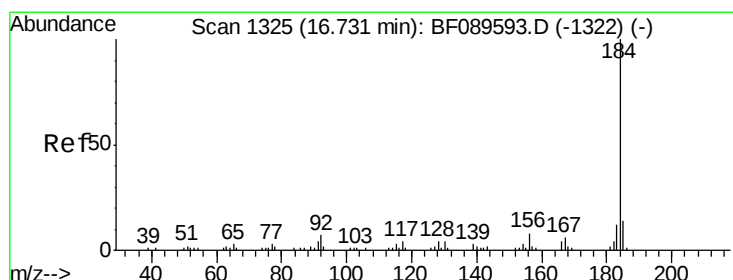
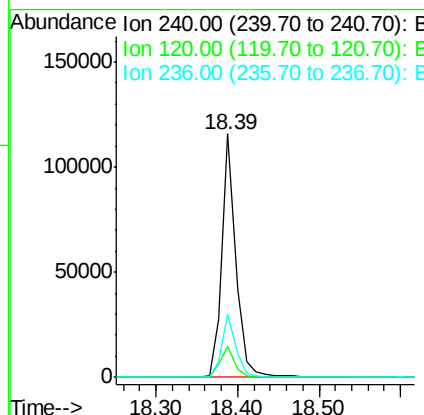
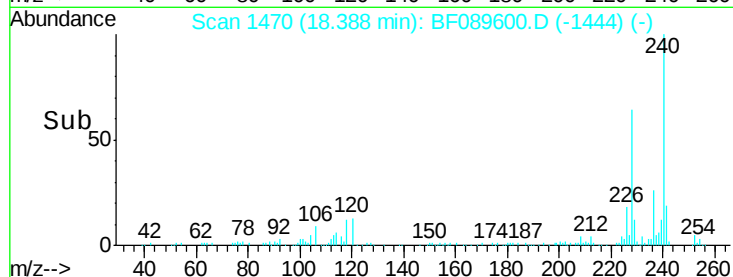
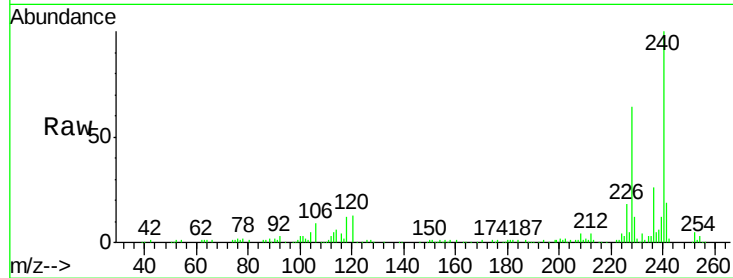
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB92672BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	138064		
120	12.7	10.6	15.8	
236	25.8	20.6	30.8	

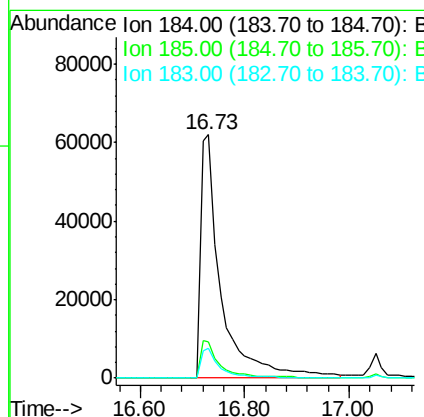
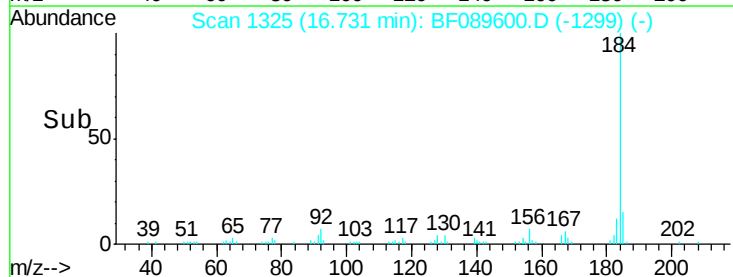
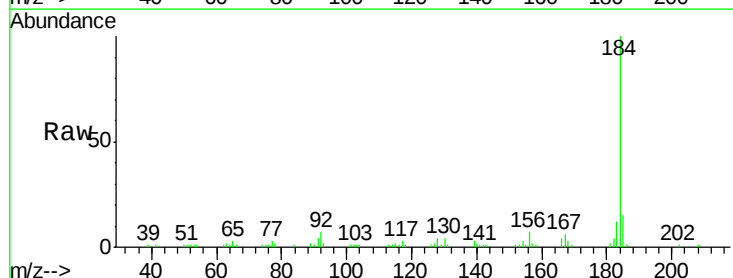
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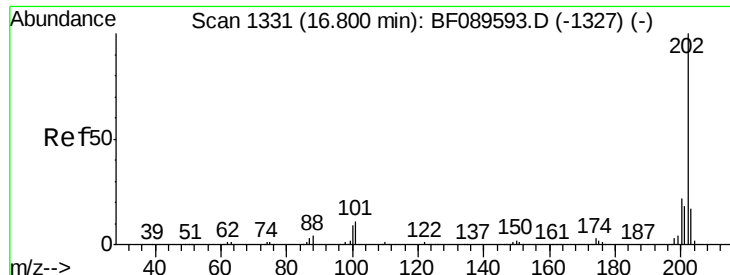
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#76
Benzidine
Concen: 40.59 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	169887		
185	14.7	11.5	17.3	
183	12.2	9.8	14.8	





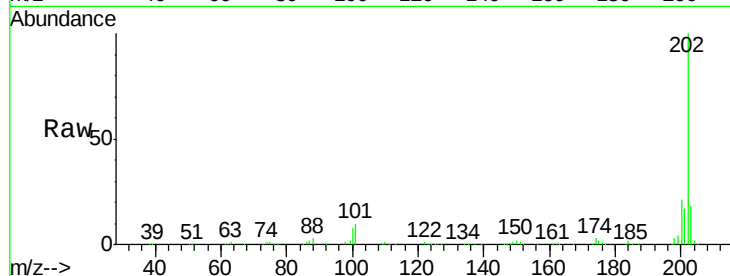
#77
Pvrene
Concen: 36.31 ng
RT: 16.80 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB92672BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.0
203	17.6	13.6	20.4

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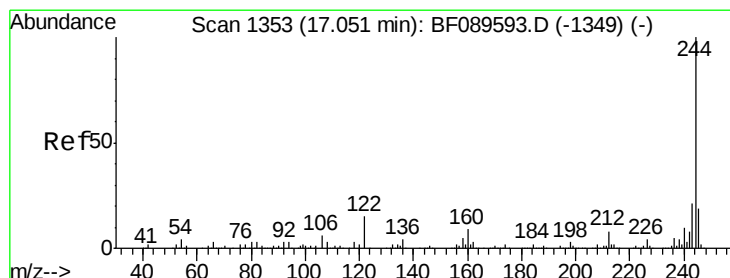
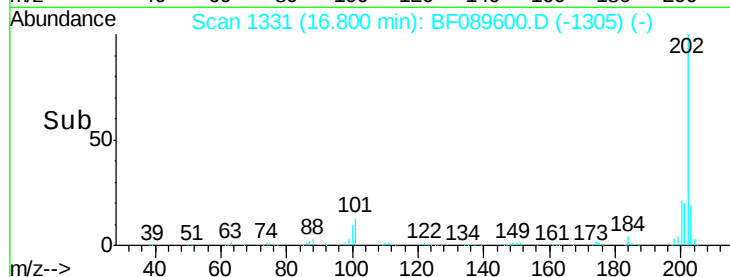
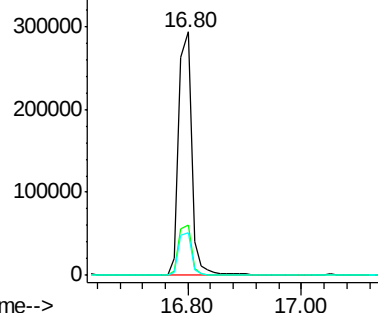


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 71.21 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

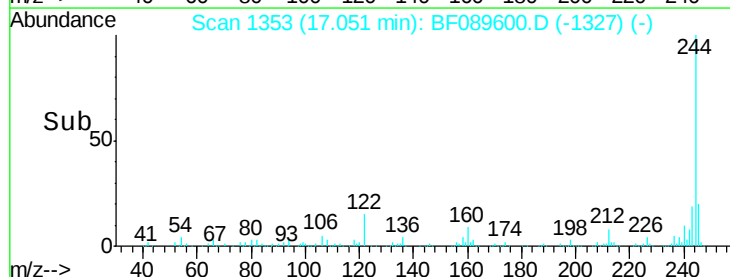
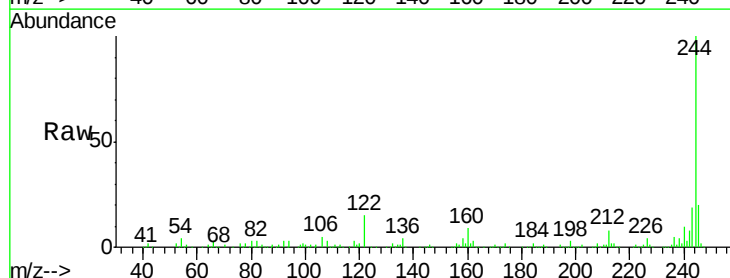
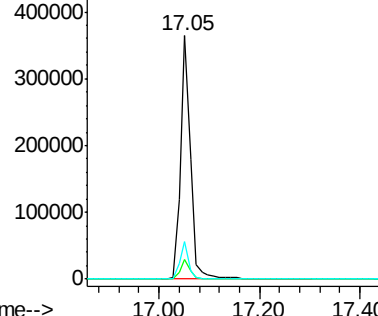
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	15.3	12.2	18.2

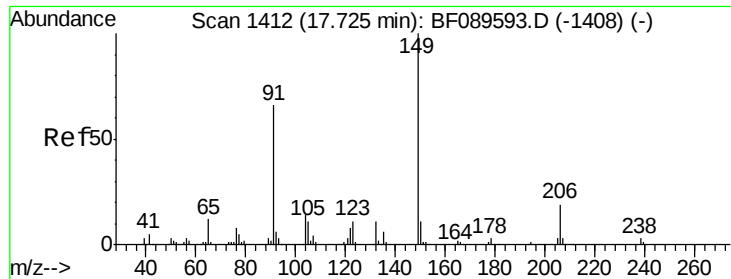
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





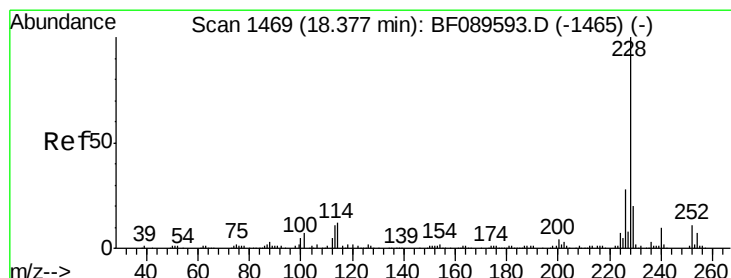
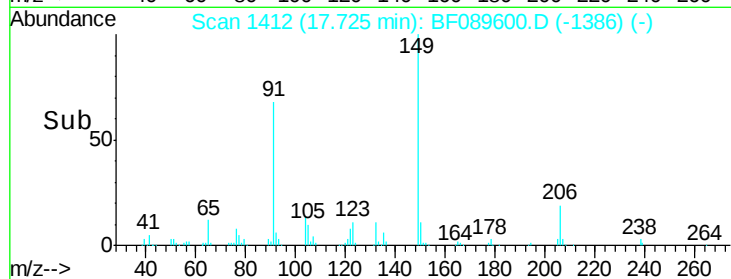
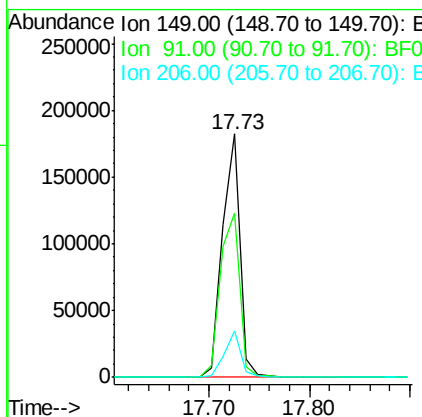
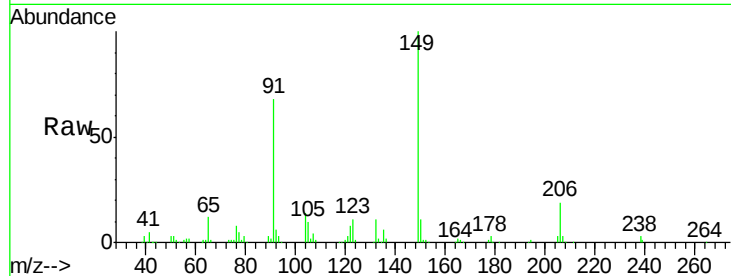
#79
Butylbenzylphthalate
Concen: 42.68 ng
RT: 17.73 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampled :
PB92672BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	221687		
91	67.6	52.6	78.8	
206	18.9	15.4	23.0	

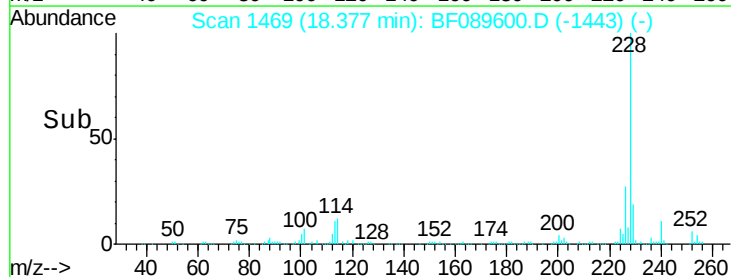
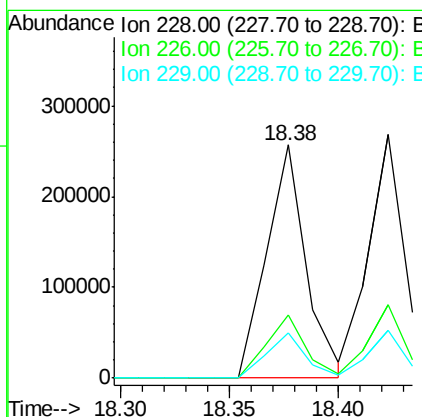
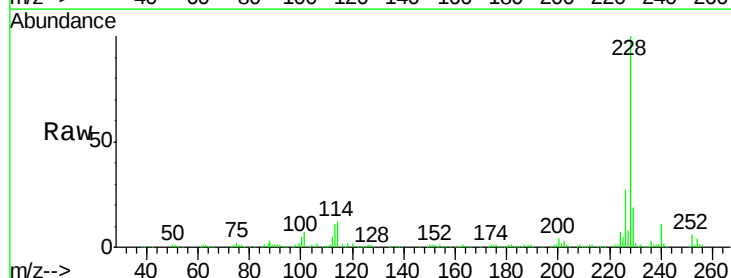
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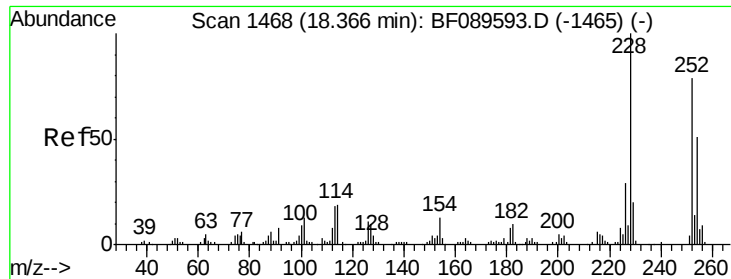
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#80
Benzo(a)anthracene
Concen: 41.04 ng
RT: 18.38 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	325575		
226	27.1	22.3	33.5	
229	19.3	15.9	23.9	





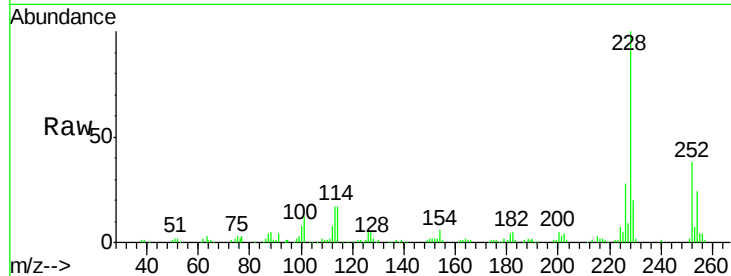
#81
 3,3'-Dichlorobenzidine
 Concen: 25.21 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB92672BS

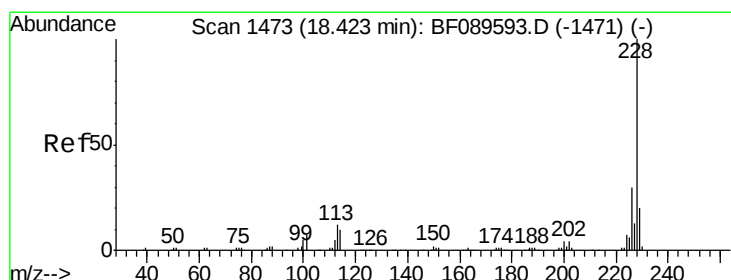
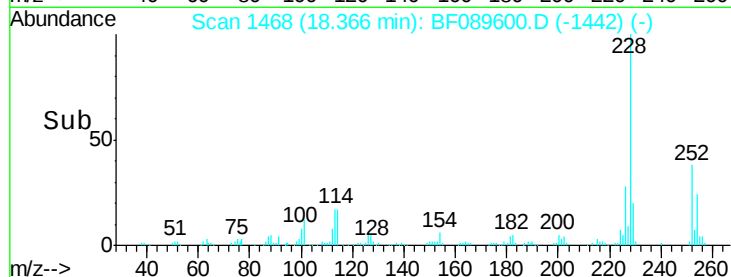
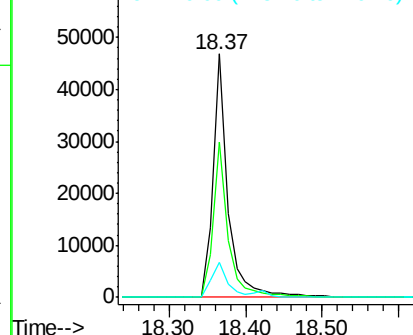
Tot Ion	Ratio	Resp	Lower	Upper
252	100	62993		
254	64.0		51.7	77.5
126	14.5		11.0	16.4

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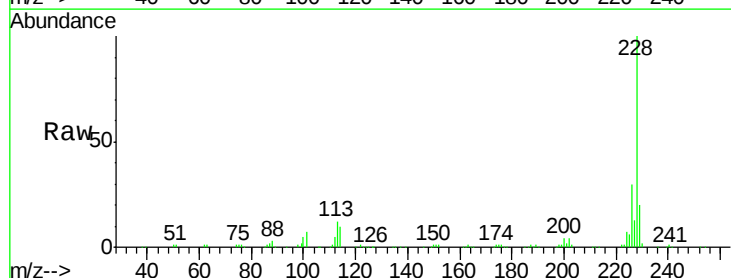


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

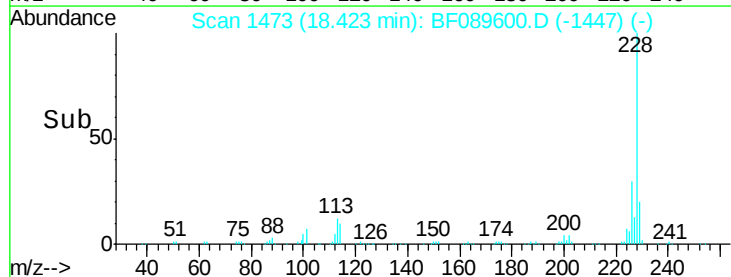
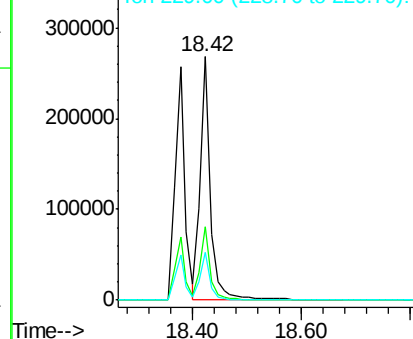


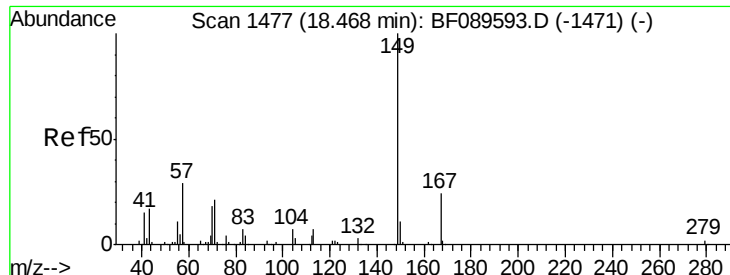
#82
 Chrysene
 Concen: 40.87 ng
 RT: 18.42 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	340147		
226	30.2		24.2	36.2
229	19.6		16.0	24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.79 ng

RT: 18.47 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

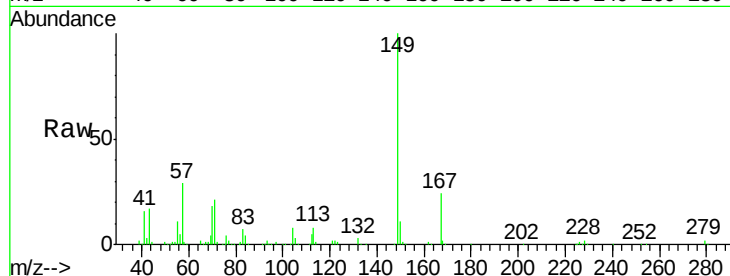
ClientSampleId :

PB92672BS

Tot Ion:	149	Resp:	293353
Ion Ratio		Lower	Upper
149	100		
167	23.8	19.0	28.4
279	2.2	1.8	2.6

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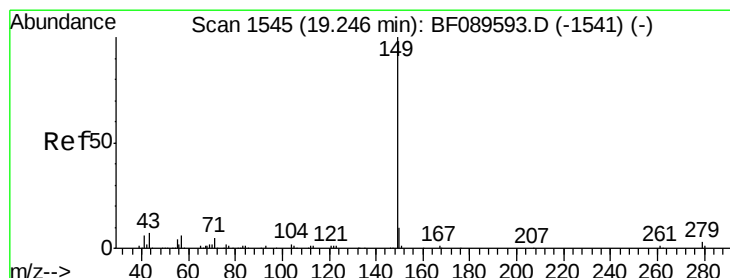
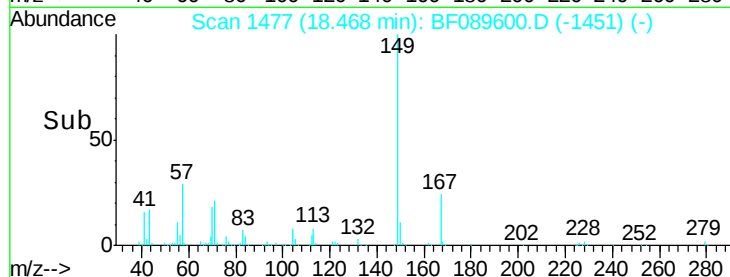
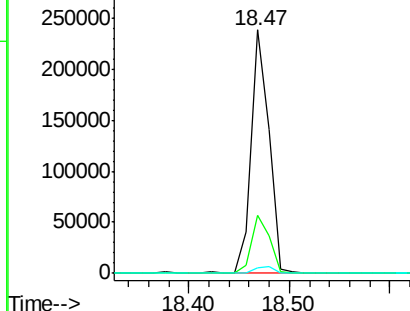
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.33 ng

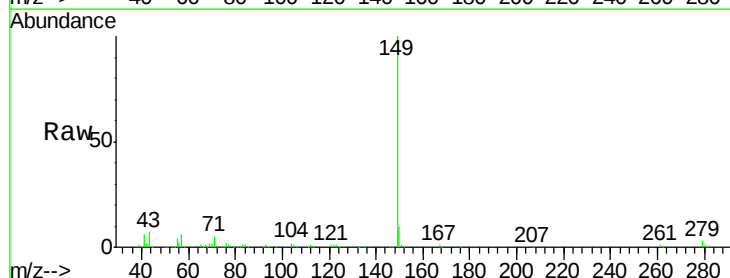
RT: 19.25 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

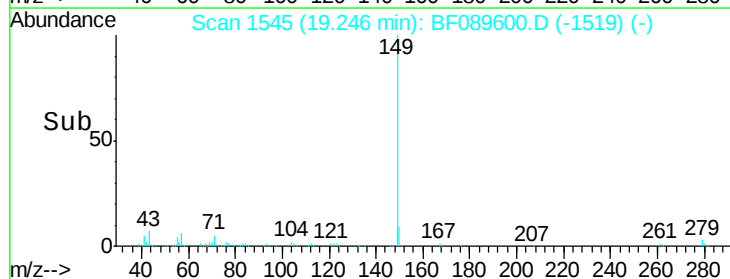
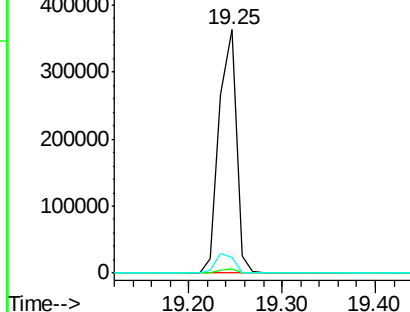
Tgt Ion:	149	Resp:	469175
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.1	1.7
43	8.7	7.0	10.4

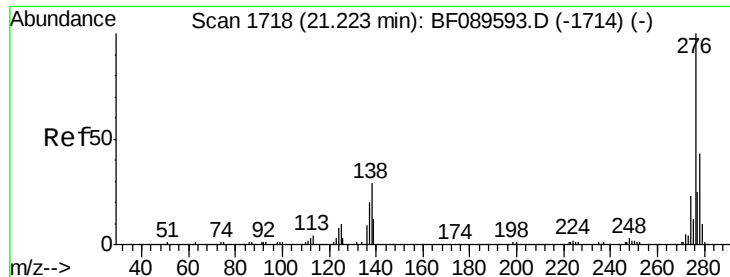


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.51 ng

RT: 21.22 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

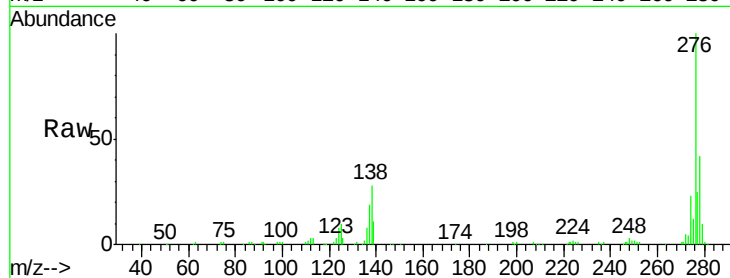
ClientSampleId :

PB92672BS

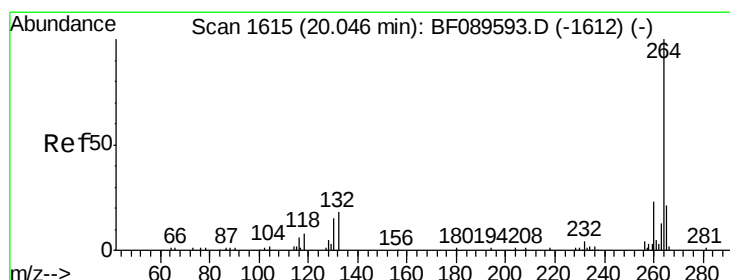
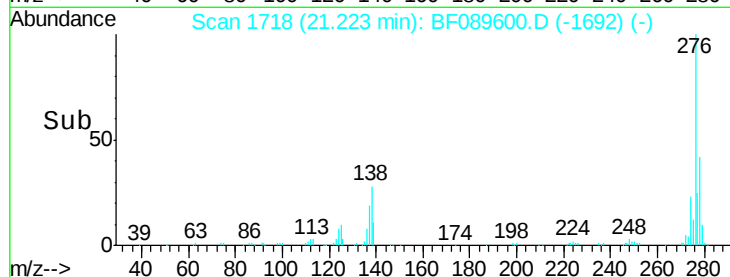
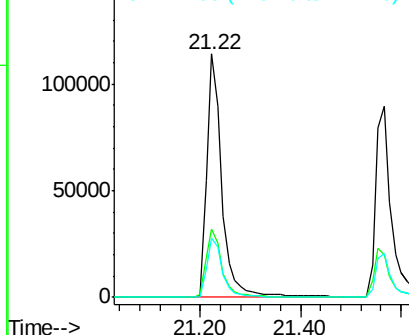
Tot Ion:	276	Resp:	237015
Ion Ratio	Lower	Upper	
276	100		
138	29.7	23.8	35.8
277	25.4	20.3	30.5

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



#86

Perylene-d12

Concen: 20.00 ng

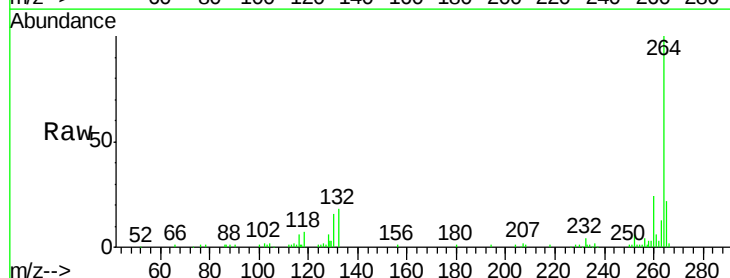
RT: 20.05 min Scan# 1615

Delta R.T. 0.00 min

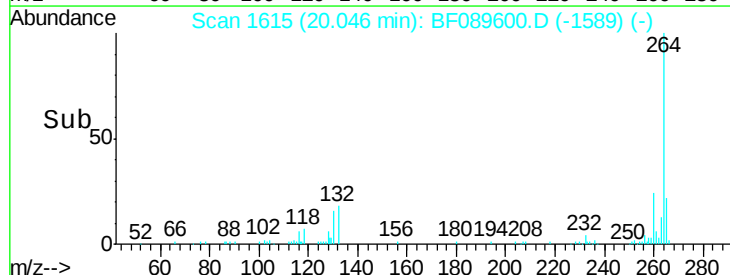
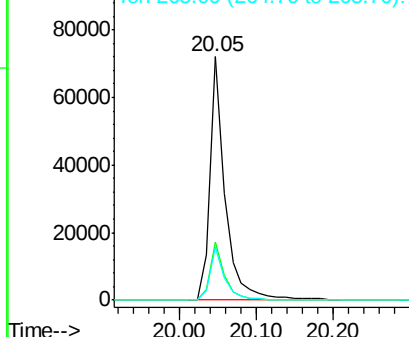
Lab File: BF089600.D

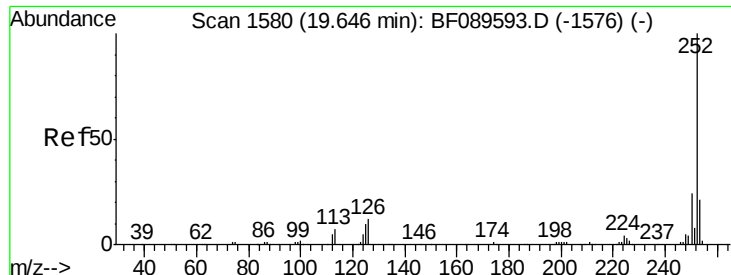
Acq: 4 Aug 2016 21:56

Tgt Ion:	264	Resp:	98306
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.7	28.1
265	21.6	16.5	24.7



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





#87

Benzo(b)fluoranthene

Concen: 42.55 ng

RT: 19.65 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Instrument :

BNA_F

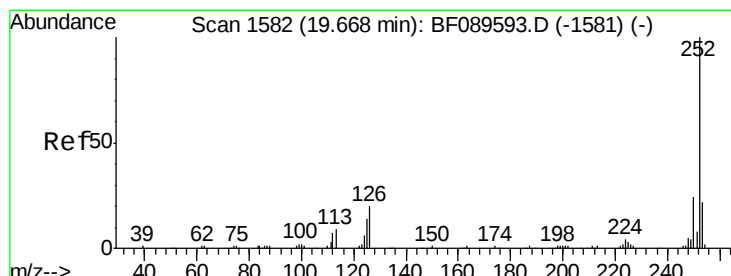
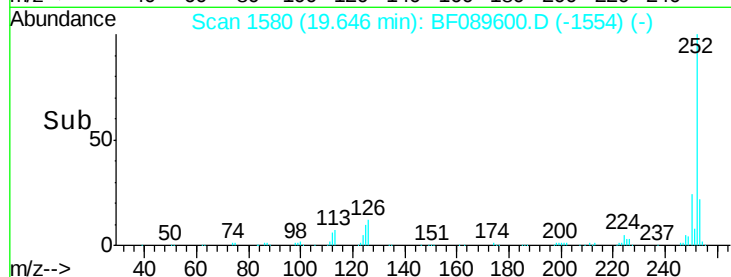
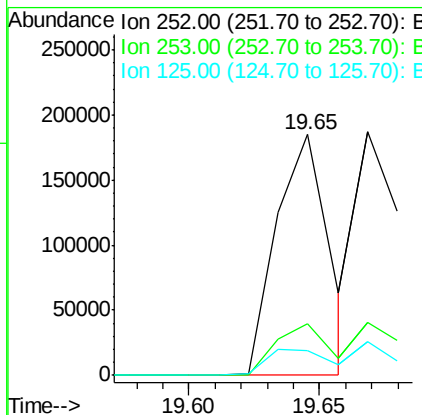
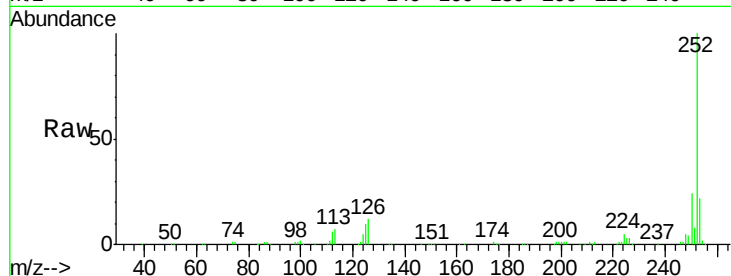
ClientSampled :

PB92672BS

Tot Ion:	252	Resp:	257242
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.1	25.7
125	10.4	7.8	11.8

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#88

Benzo(k)fluoranthene

Concen: 42.76 ng m

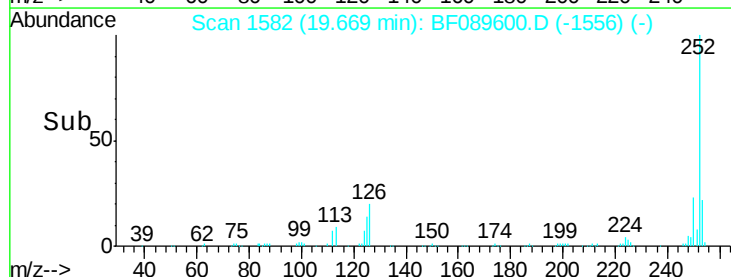
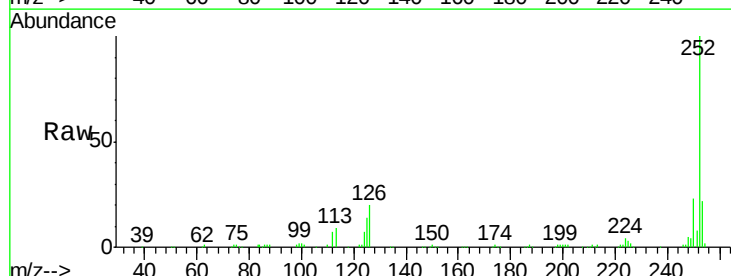
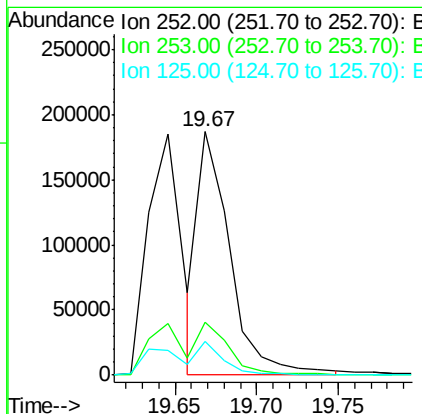
RT: 19.67 min Scan# 1582

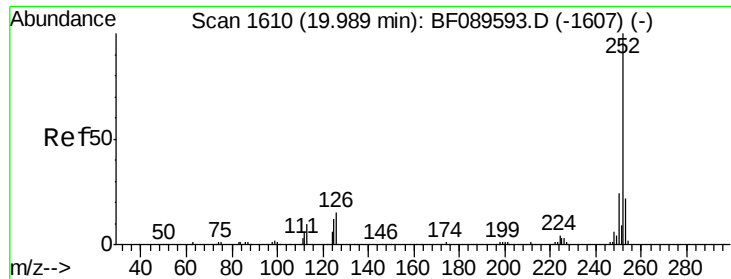
Delta R.T. 0.00 min

Lab File: BF089600.D

Acq: 4 Aug 2016 21:56

Tgt Ion:	252	Resp:	260838
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.3	25.9
125	14.0	11.0	16.6





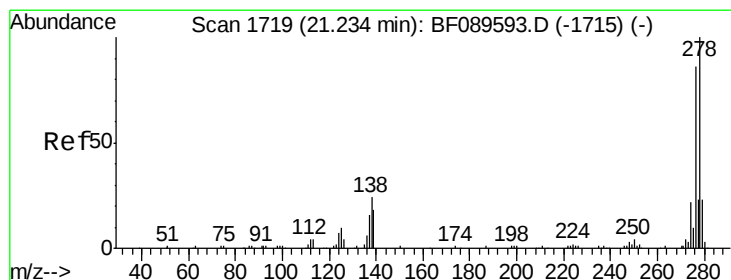
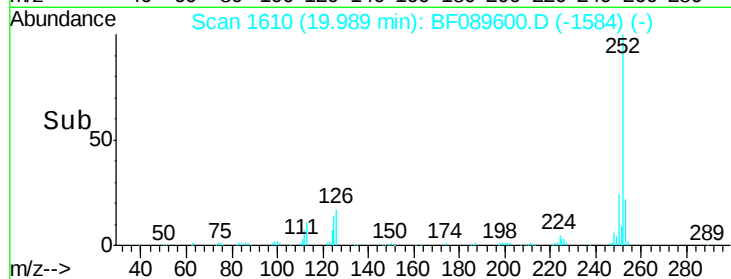
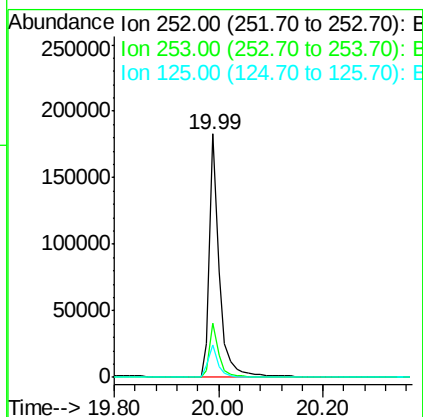
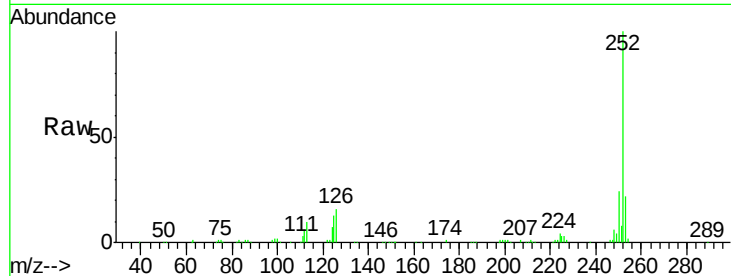
#89
Benzo(a)pyrene
Concen: 41.56 ng
RT: 19.99 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB92672BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	13.4	9.9	14.9

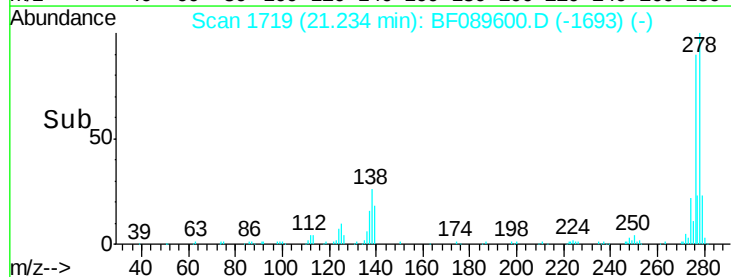
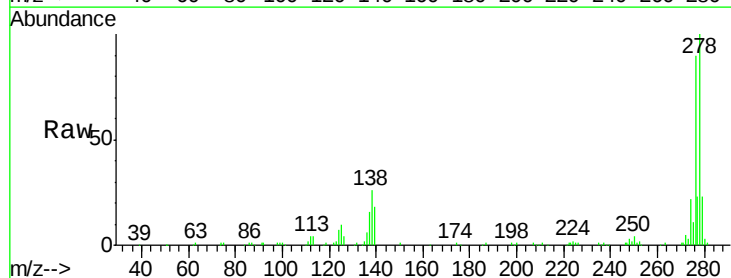
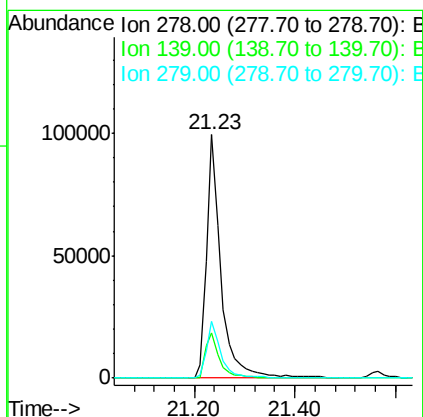
Manual Integrations
APPROVED

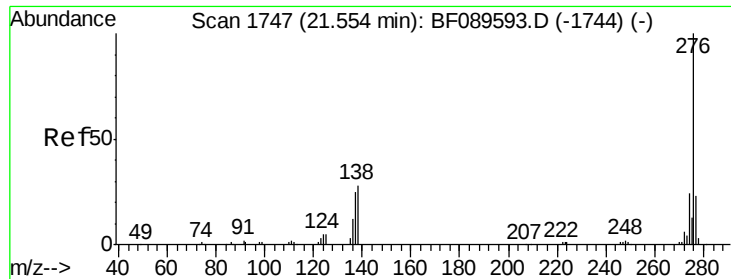
sohil
8/5/2016 6:58:53 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.56 ng
RT: 21.23 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BF089600.D
Acq: 4 Aug 2016 21:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.6	21.8
279	23.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 36.09 ng
 RT: 21.57 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: BF089600.D
 Acq: 4 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB92672BS

Tot Ion:	276	Resp:	195374
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.6	28.0
138	22.7	22.6	33.8

Manual Integrations
 APPROVED

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