

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089417.D
 Acq On : 29 Jul 2016 19:04
 Operator : UM/SJ
 Sample : PB92476BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Manual Integrations
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 8/1/2016 6:59:25 PM

Quant Time: Jul 30 00:58:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	40928	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	171155	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	75007	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	137822	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	74320	20.00	ng	-0.03
86) Perylene-d12	14.97	264	80304	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	340581	132.87	ng	-0.01
7) Phenol-d6	6.18	99	438165	129.35	ng	-0.02
23) Nitrobenzene-d5	7.10	82	296187	102.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.33	330	78259	125.98	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	504324	98.67	ng	-0.03
78) Terphenyl-d14	12.59	244	341621	107.58	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	46435	39.98	ng	# 92
3) Pyridine	2.58	79	111842	44.60	ng	98
4) n-Nitrosodimethylamine	2.56	42	50652	48.89	ng	99
6) Aniline	6.18	93	98653	26.97	ng	# 73
8) 2-Chlorophenol	6.31	128	139250	48.03	ng	97
9) Benzaldehyde	6.06	77	75262	45.50	ng	96
10) Phenol	6.19	94	178749	47.82	ng	93
11) bis(2-Chloroethyl)ether	6.26	93	139549	43.94	ng	90
12) 1,3-Dichlorobenzene	6.46	146	137634m	45.38	ng	
13) 1,4-Dichlorobenzene	6.54	146	150722	45.03	ng	95
14) 1,2-Dichlorobenzene	6.68	146	146341	46.67	ng	94
15) Benzyl Alcohol	6.67	79	113036	53.77	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.81	45	153441	44.29	ng	98
17) 2-Methylphenol	6.80	107	101656	45.36	ng	98
18) Hexachloroethane	7.03	117	57476	44.79	ng	# 84
19) n-Nitroso-di-n-propylamine	6.95	70	99816	48.87	ng	# 89
20) 3+4-Methylphenols	6.96	107	142492	49.51	ng	91
22) Acetophenone	6.94	105	181984	44.66	ng	# 96
24) Nitrobenzene	7.11	77	141017	42.73	ng	90
25) Isophorone	7.35	82	274116	46.93	ng	97
26) 2-Nitrophenol	7.43	139	71709	48.60	ng	# 89
27) 2,4-Dimethylphenol	7.48	122	121170	51.55	ng	98
28) bis(2-Chloroethoxy)methane	7.58	93	176692	54.65	ng	97
29) 2,4-Dichlorophenol	7.68	162	110857	51.76	ng	98
30) 1,2,4-Trichlorobenzene	7.75	180	118198	48.37	ng	97
31) Naphthalene	7.83	128	425306	50.18	ng	100
32) Benzoic acid	7.62	122	44934	27.43	ng	98
33) 4-Chloroaniline	7.90	127	35409	10.97	ng	95
34) Hexachlorobutadiene	7.95	225	63796	45.58	ng	98
35) Caprolactam	8.26	113	30141m	46.62	ng	
36) 4-Chloro-3-methylphenol	8.39	107	119909	47.10	ng	96
37) 2-Methylnaphthalene	8.51	142	253549	49.65	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	107109	40.81	ng	99
40) Hexachlorocyclopentadiene	8.67	237	64541	85.56	ng	97

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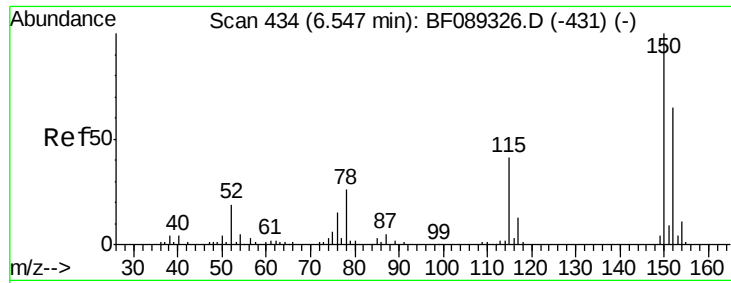
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	66858	53.57	ng	96
43) 2,4,5-Trichlorophenol	8.84	196	74817	47.33	ng	# 81
45) 1,1'-Biphenyl	8.98	154	300139	47.00	ng	96
46) 2-Chloronaphthalene	9.00	162	247738	51.65	ng	93
47) 2-Nitroaniline	9.11	65	77022	54.23	ng	# 79
48) Acenaphthylene	9.40	152	373808	49.48	ng	100
49) Dimethylphthalate	9.29	163	277586	48.63	ng	98
50) 2,6-Dinitrotoluene	9.36	165	59839	51.02	ng	# 78
51) Acenaphthene	9.58	154	214653	48.66	ng	99
52) 3-Nitroaniline	9.52	138	24024	19.41	ng	# 77
53) 2,4-Dinitrophenol	9.64	184	23316	52.95	ng	88
54) Dibenzofuran	9.75	168	324752	54.02	ng	94
55) 4-Nitrophenol	9.71	139	49738m	82.31	ng	
56) 2,4-Dinitrotoluene	9.76	165	83736	54.23	ng	# 77
57) Fluorene	10.09	166	253761	48.36	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	56381	53.42	ng	96
59) Diethylphthalate	9.99	149	302013	52.19	ng	98
60) 4-Chlorophenyl-phenylether	10.09	204	122330	50.82	ng	# 87
61) 4-Nitroaniline	10.14	138	52238	40.94	ng	89
62) Azobenzene	10.25	77	333704	55.99	ng	90
64) 4,6-Dinitro-2-methylphenol	10.17	198	23563	30.10	ng	93
65) n-Nitrosodiphenylamine	10.22	169	235847	54.84	ng	99
66) 4-Bromophenyl-phenylether	10.57	248	67211	51.08	ng	# 71
67) Hexachlorobenzene	10.64	284	69070	51.22	ng	# 76
68) Atrazine	10.74	200	62729	47.48	ng	94
69) Pentachlorophenol	10.83	266	49978	76.76	ng	98
70) Phenanthrene	11.04	178	335446	47.19	ng	100
71) Anthracene	11.10	178	386858	48.95	ng	100
72) Carbazole	11.26	167	310671	46.70	ng	99
73) Di-n-butylphthalate	11.60	149	458692	51.39	ng	99
74) Fluoranthene	12.22	202	307894	41.18	ng	96
76) Benzidine	12.35	184	62947	22.92	ng	97
77) Pyrene	12.44	202	302791	53.76	ng	99
79) Butylbenzylphthalate	13.07	149	134022	52.34	ng	88
80) Benzo(a)anthracene	13.62	228	205062	48.89	ng	99
81) 3,3'-Dichlorobenzidine	13.60	252	43852	29.05	ng	98
82) Chrysene	13.66	228	209365	46.90	ng	100
83) Bis(2-ethylhexyl)phthalate	13.65	149	189734	51.25	ng	# 95
84) Di-n-octyl phthalate	14.25	149	288794	50.00	ng	99
85) Indeno(1,2,3-cd)pyrene	16.16	276	251578	79.26	ng	99
87) Benzo(b)fluoranthene	14.62	252	206961m	41.50	ng	
88) Benzo(k)fluoranthene	14.64	252	232351m	50.68	ng	
89) Benzo(a)pyrene	14.91	252	219267	49.01	ng	100
90) Dibenzo(a,h)anthracene	16.16	278	212502	60.30	ng	99
91) Benzo(g,h,i)perylene	16.50	276	204736	59.10	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.03 min

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BNA_F

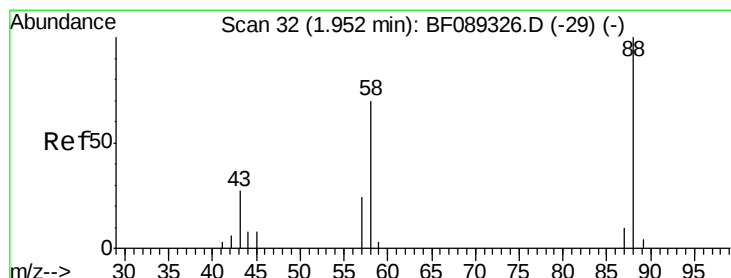
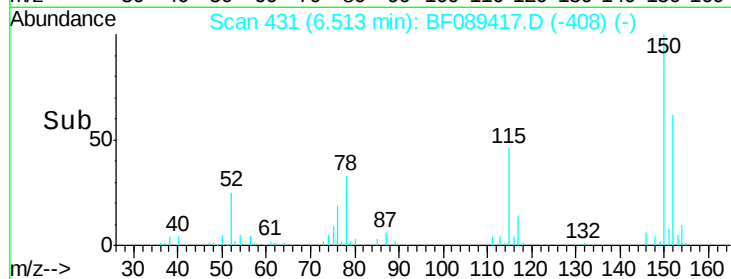
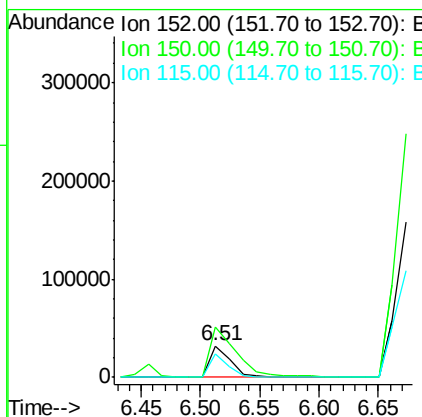
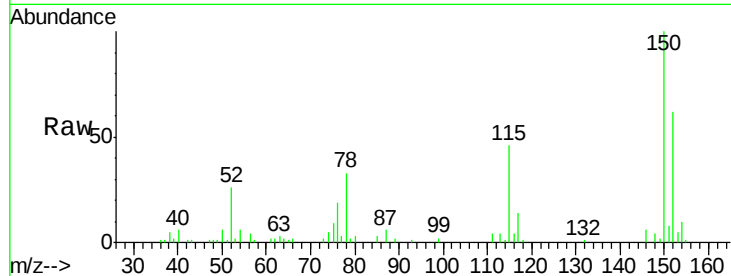
ClientSampleId :

PB92476BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.2	129.5	194.3
115	74.8	51.4	77.2

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#2

1,4-Dioxane

Concen: 39.98 ng

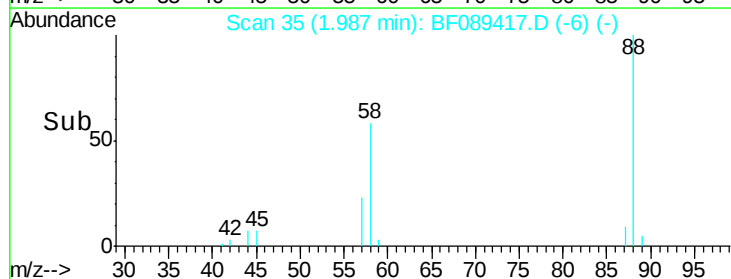
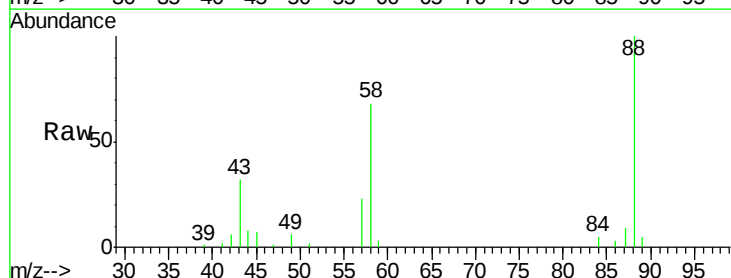
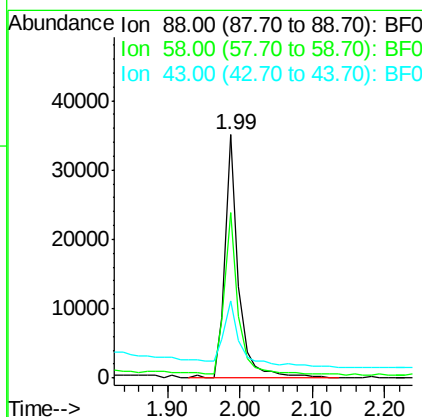
RT: 1.99 min Scan# 35

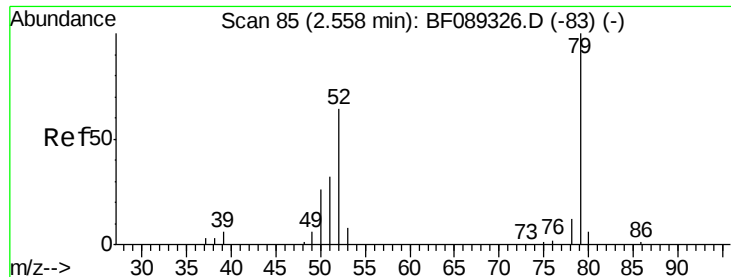
Delta R.T. 0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	53.2	79.8
43	37.1	20.6	31.0





#3

Pyridine

Concen: 44.60 ng

RT: 2.58 min Scan# 87

Delta R.T. 0.01 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

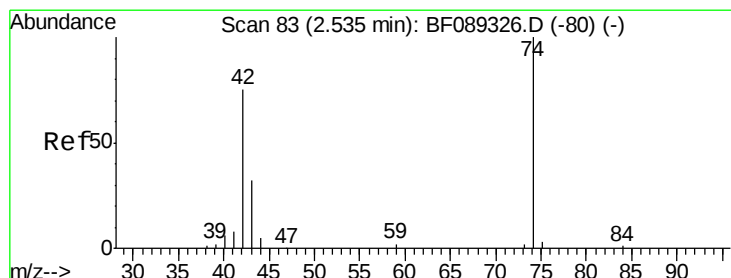
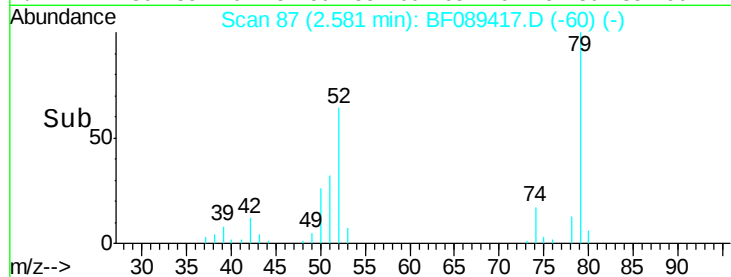
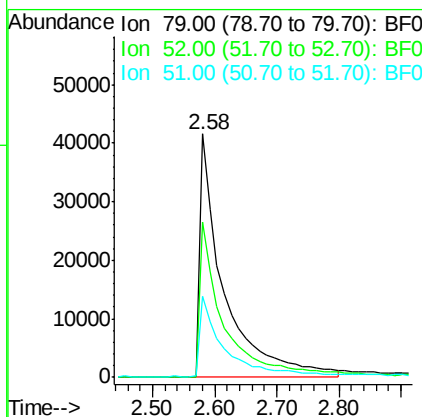
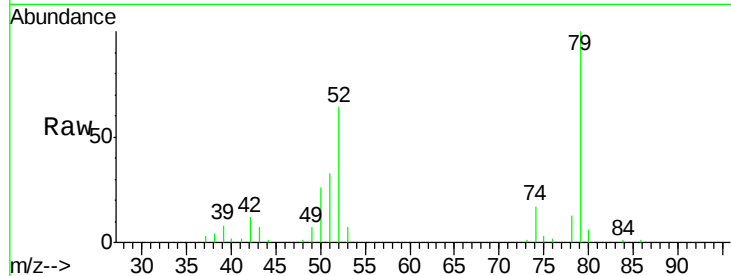
ClientSampled :

PB92476BS

Tgt Ion:	79	Resp:	111842
Ion	Ratio	Lower	Upper
79	100		
52	63.8	51.9	77.9
51	33.1	28.2	42.4

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#4

n-Nitrosodimethylamine

Concen: 48.89 ng

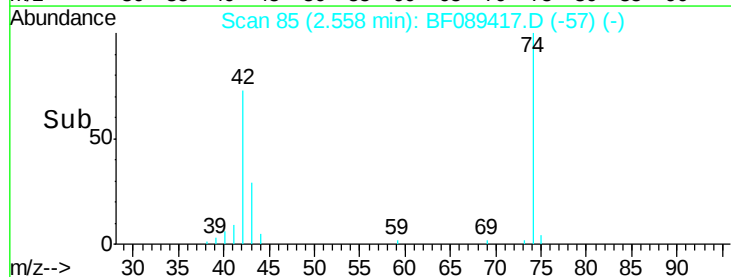
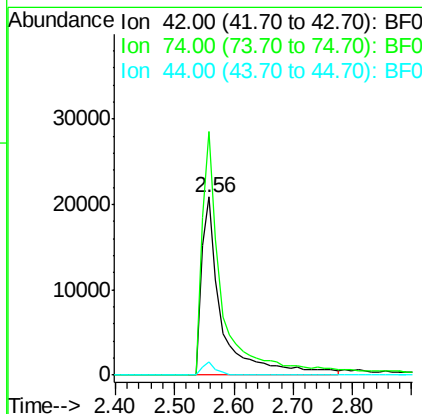
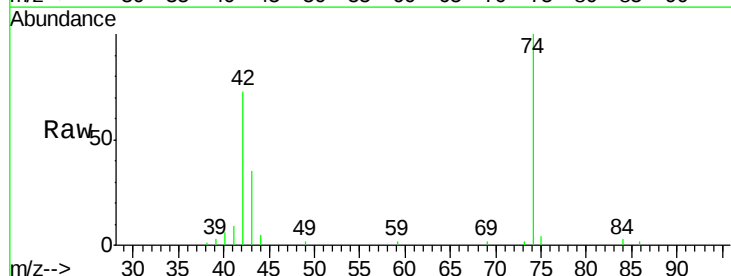
RT: 2.56 min Scan# 85

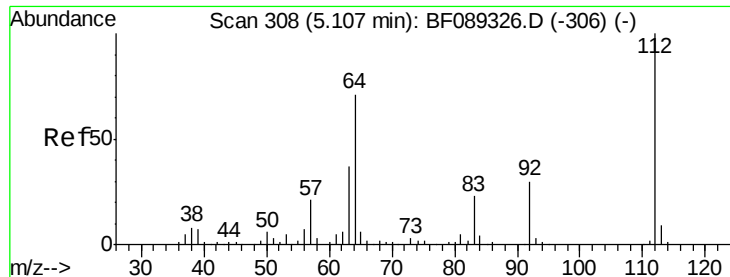
Delta R.T. 0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion:	42	Resp:	50652
Ion	Ratio	Lower	Upper
42	100		
74	136.9	110.8	166.2
44	7.2	5.2	7.8





#5

2-Fluorophenol

Concen: 132.87 ng

RT: 5.10 min Scan# 307

Delta R.T. -0.01 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

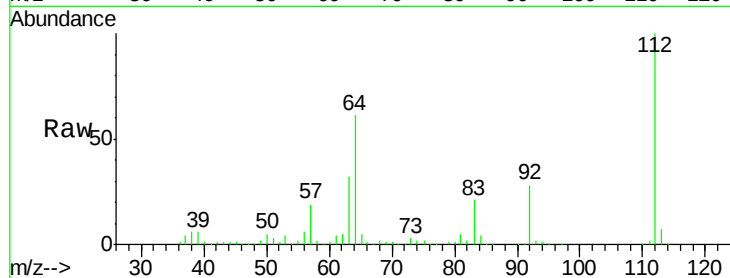
ClientSampleId :

PB92476BS

Tgt Ion:	112	Resp:	340581
Ion Ratio	Lower	Upper	
112	100		
64	60.9	55.0	82.6
63	32.4	29.4	44.2

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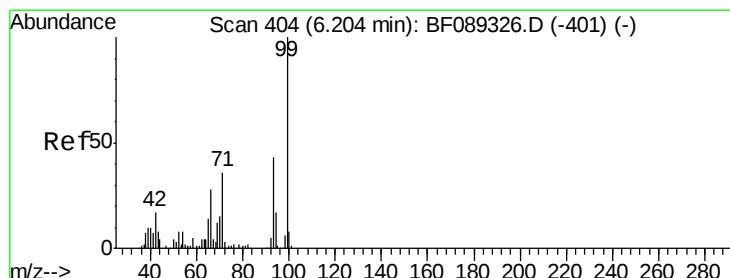
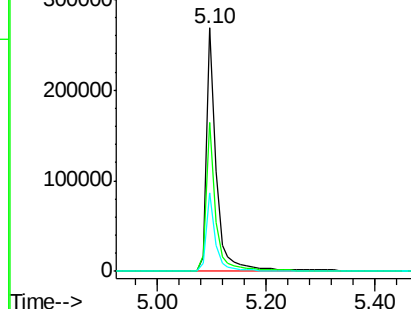
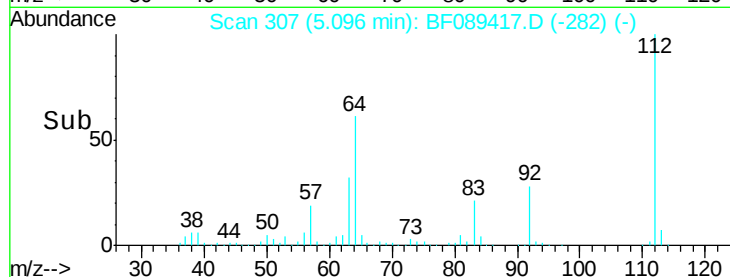
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.97 ng

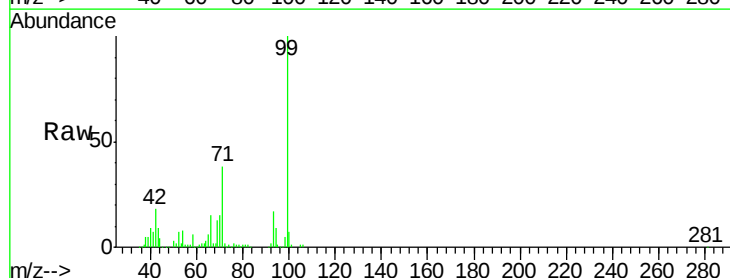
RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

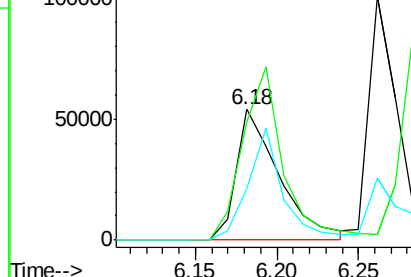
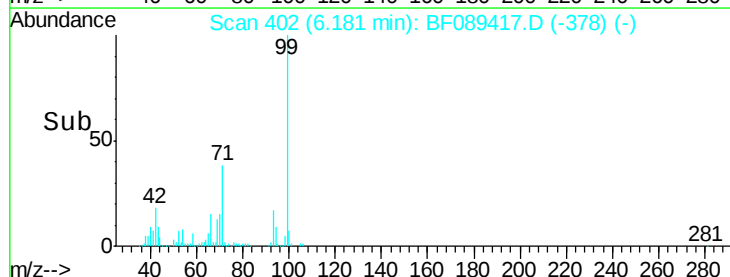
Tgt Ion:	93	Resp:	98653
Ion Ratio	Lower	Upper	
93	100		
66	90.8	51.6	77.4#
65	39.1	24.7	37.1#

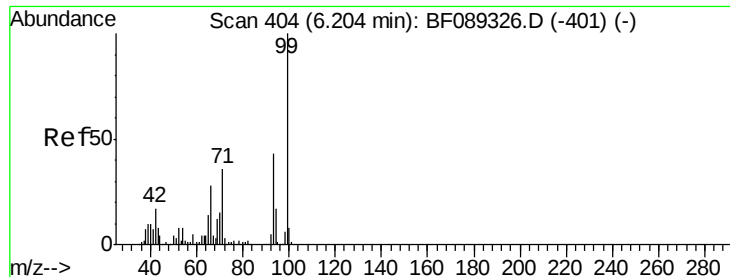


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.35 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

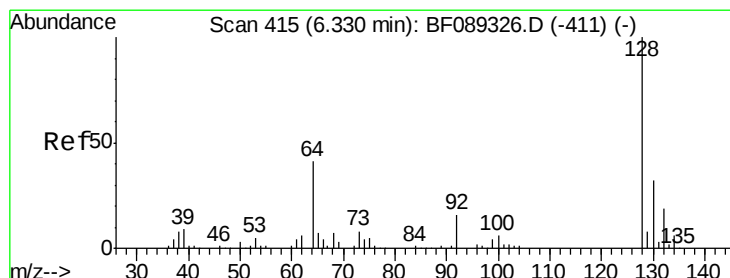
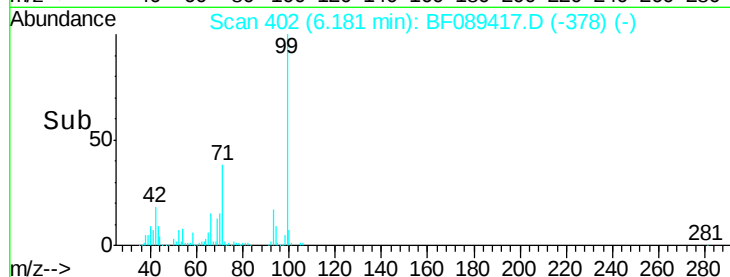
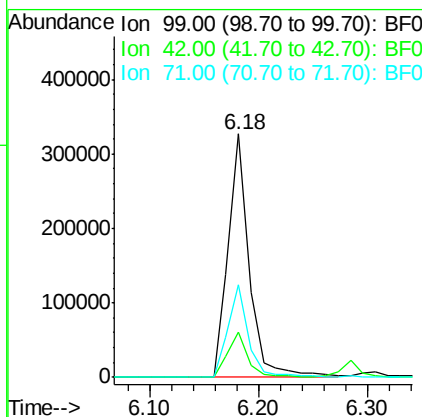
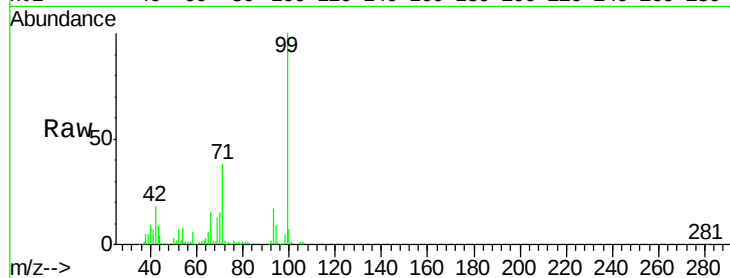
ClientSampleId :

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Tgt Ion:	99	Resp:	438165
Ion Ratio	Lower	Upper	
99	100		
42	18.4	13.6	20.4
71	38.0	29.4	44.2

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#8

2-Chlorophenol

Concen: 48.03 ng

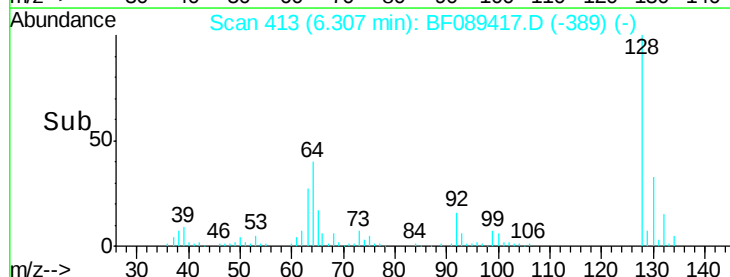
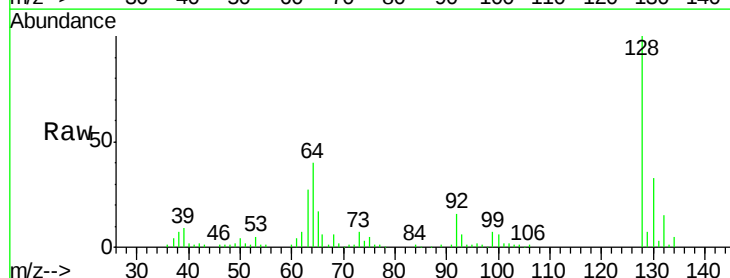
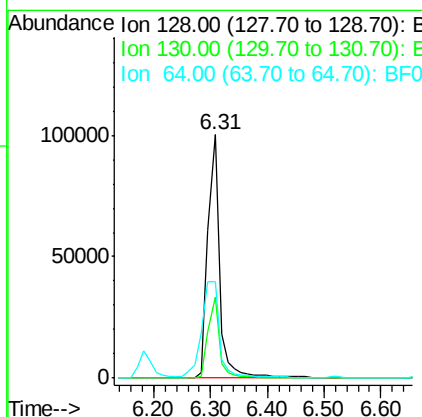
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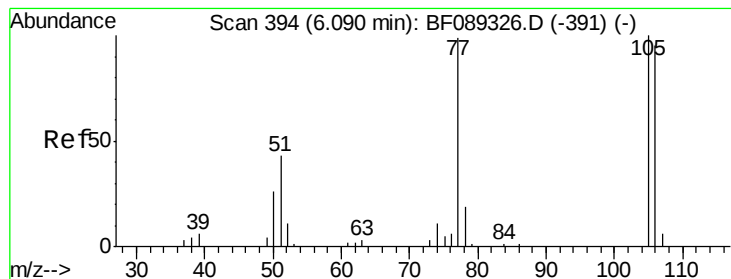
Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion:	128	Resp:	139250
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.6	52.6
64	39.8	22.1	62.1





#9

Benzaldehyde

Concen: 45.50 ng

RT: 6.06 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

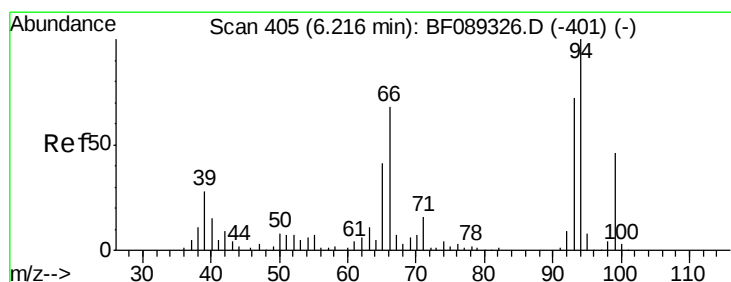
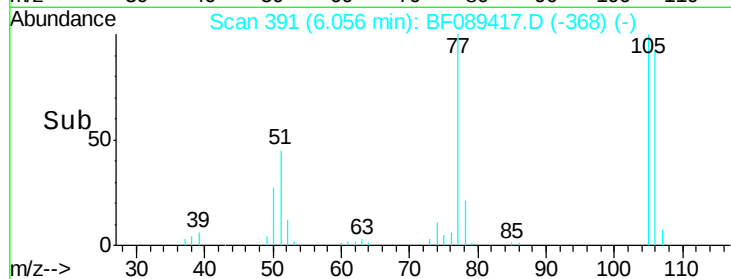
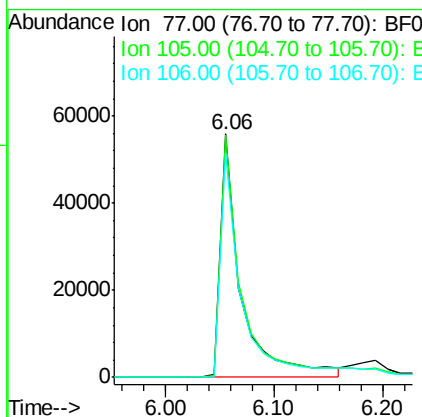
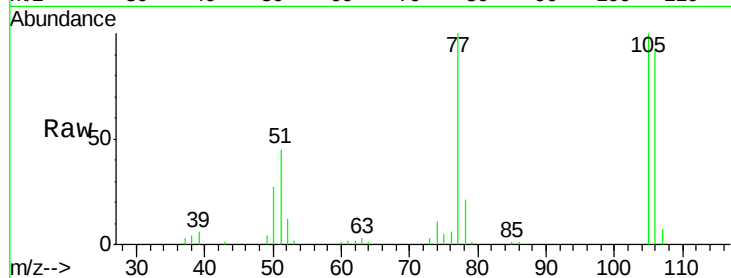
ClientSampleId :

PB92476BS

Tgt Ion:	77	Resp:	75262
Ion	Ratio	Lower	Upper
77	100		
105	99.5	82.9	122.9
106	92.2	75.9	115.9

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#10

Phenol

Concen: 47.82 ng

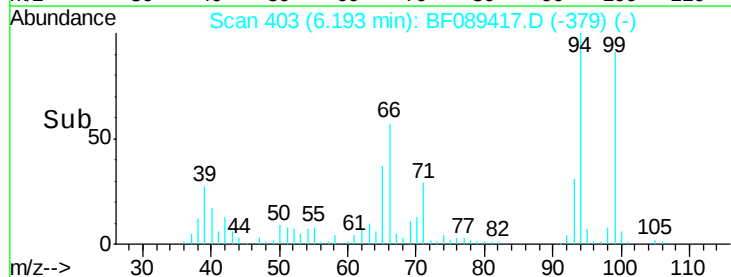
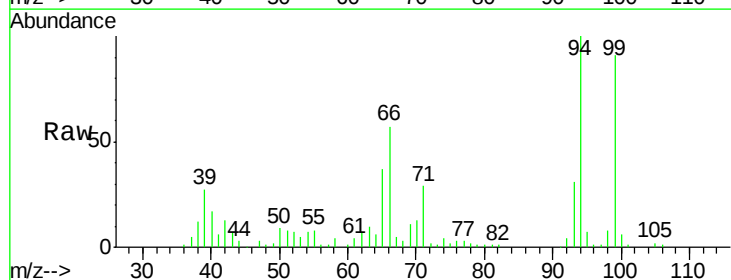
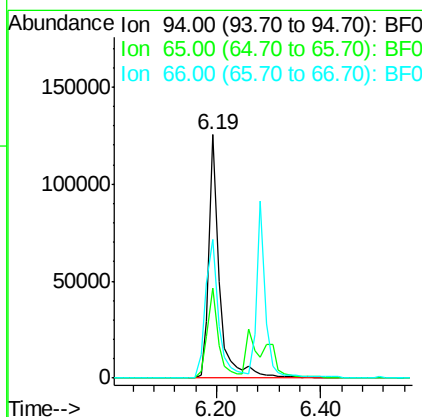
RT: 6.19 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF089417.D

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Tgt Ion:	94	Resp:	178749
Ion	Ratio	Lower	Upper
94	100		
65	36.8	19.1	59.1
66	57.2	44.4	84.4





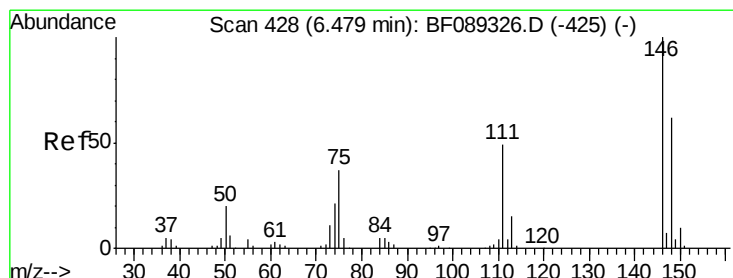
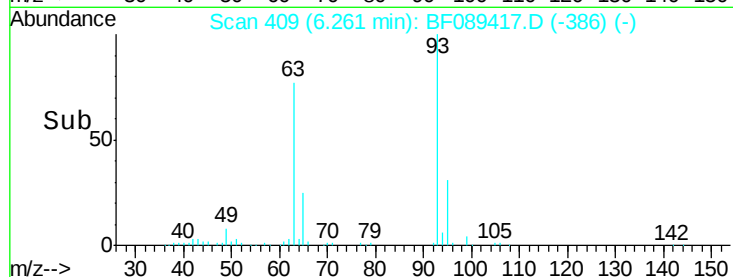
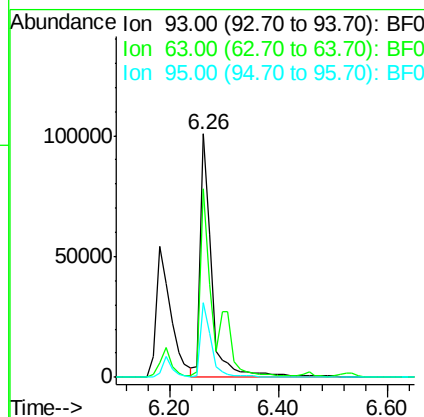
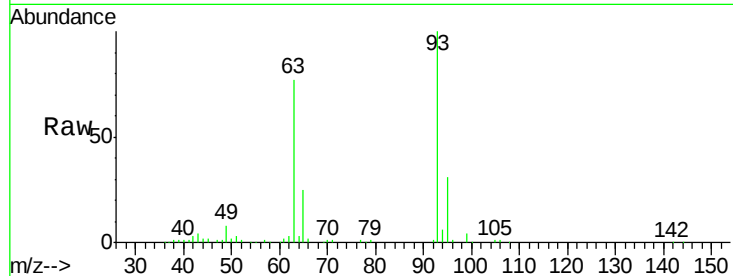
#11
bis(2-Chloroethyl)ether
Concen: 43.94 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	139549		
63	77.4	45.6	85.6	
95	30.8	11.1	51.1	

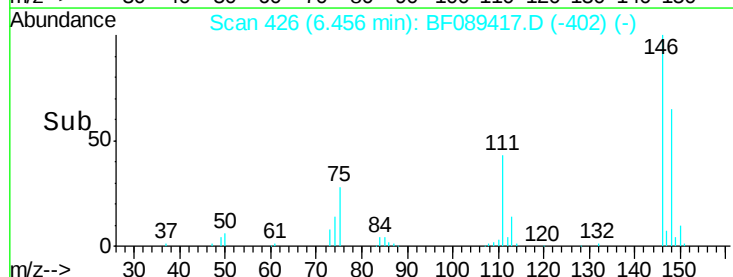
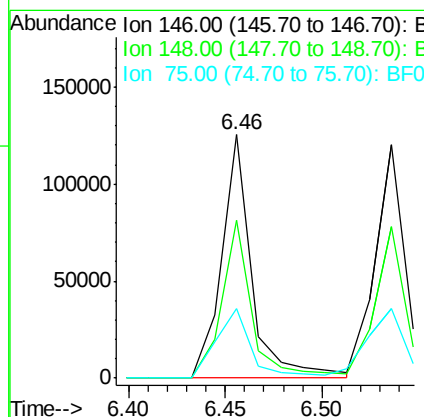
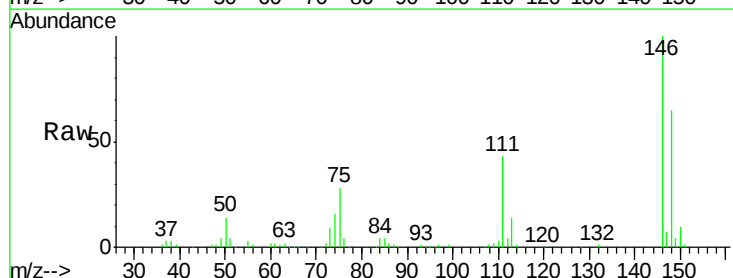
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#12
1,3-Dichlorobenzene
Concen: 45.38 ng m
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	137634		
148	64.6	50.5	75.7	
75	28.5	30.0	45.0	





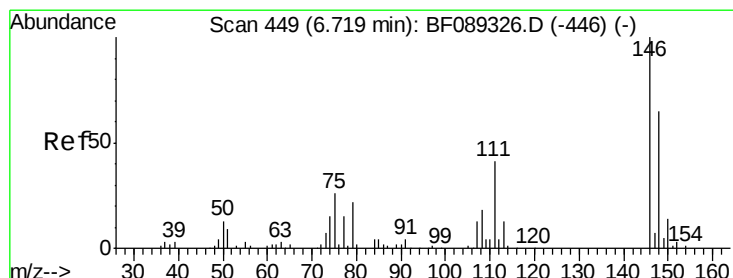
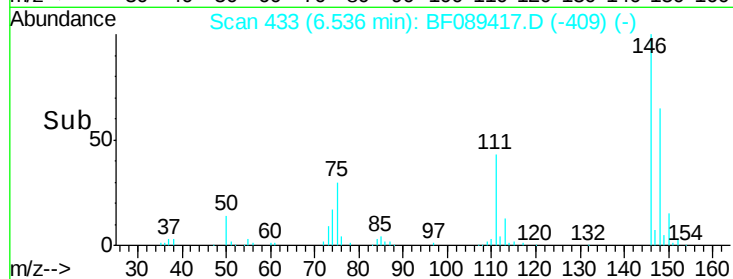
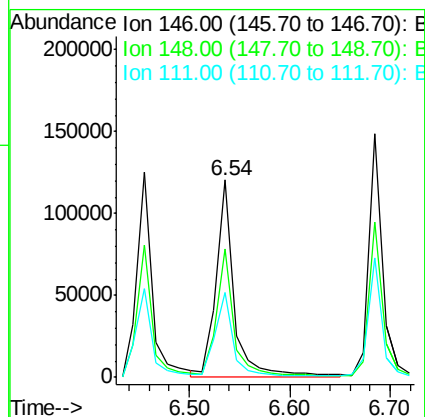
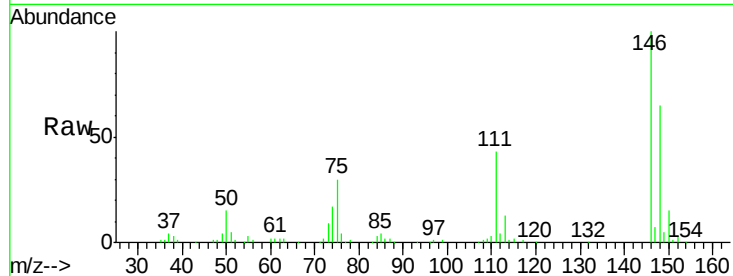
#13
1,4-Dichlorobenzene
Concen: 45.03 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	42.8	38.6	57.8

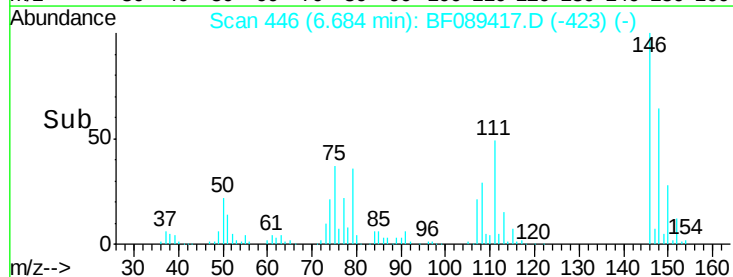
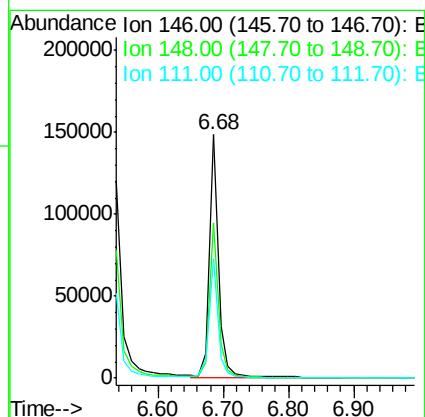
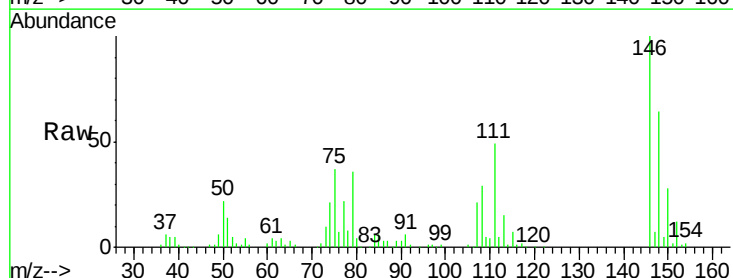
Manual Integrations
APPROVED

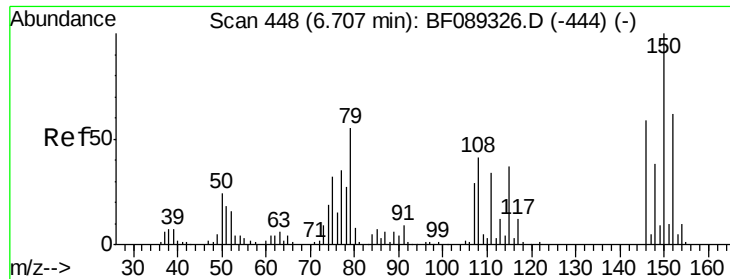
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#14
1,2-Dichlorobenzene
Concen: 46.67 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	49.3	33.0	49.4





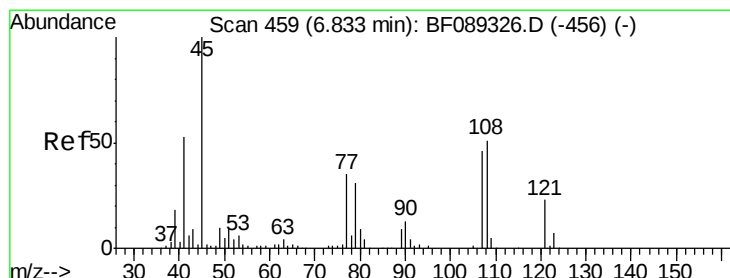
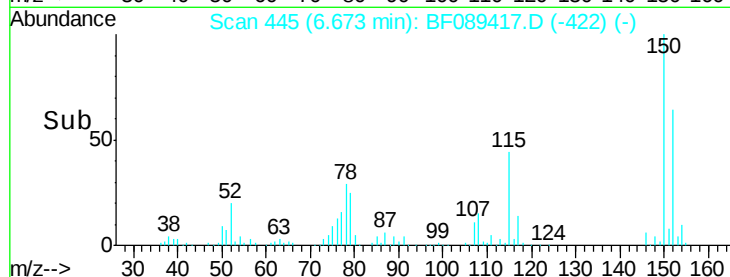
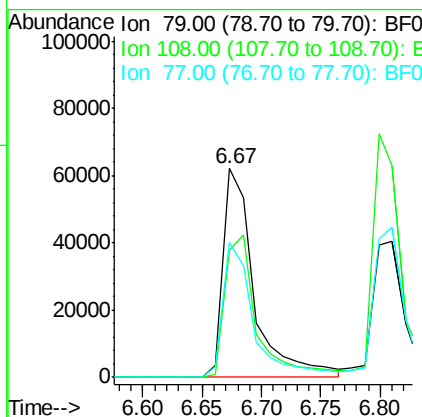
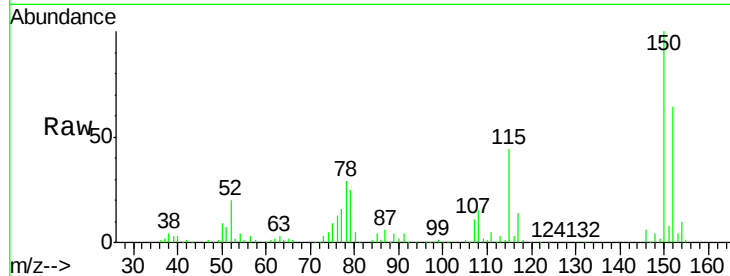
#15
Benzyl Alcohol
Concen: 53.77 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	61.2	59.8	89.6
77	64.6	51.7	77.5

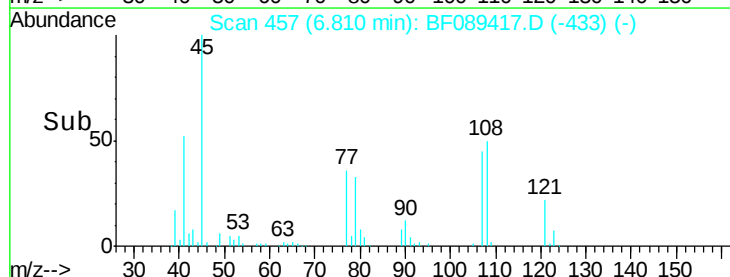
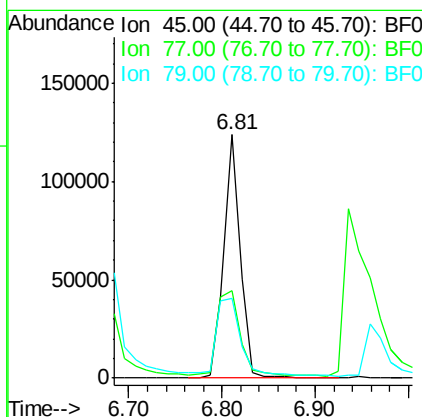
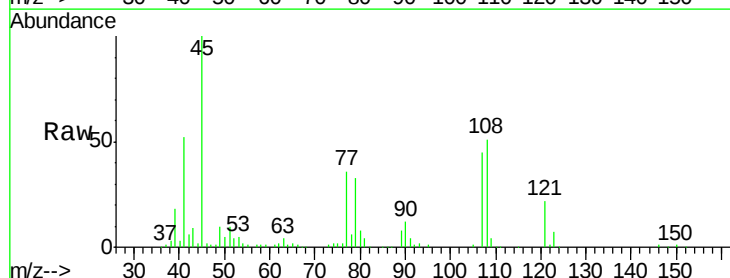
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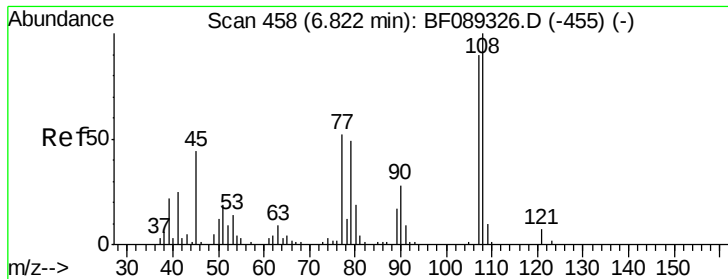
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.29 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	36.2	17.3	57.3
79	32.7	13.9	53.9





#17

2-Methylphenol

Concen: 45.36 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF089417.D

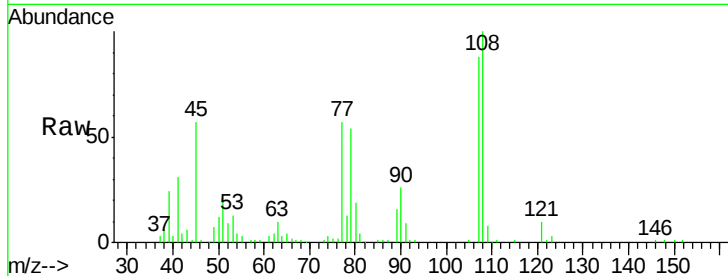
Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS



Tgt Ion:107 Resp: 101656

Ion Ratio Lower Upper

107 100

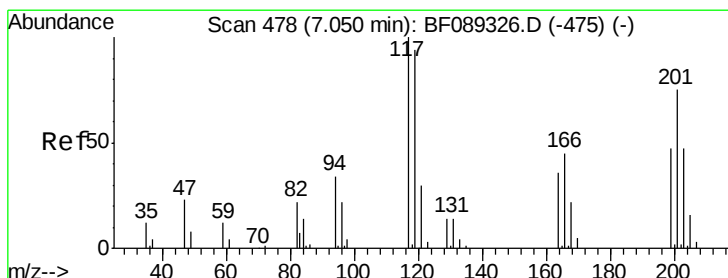
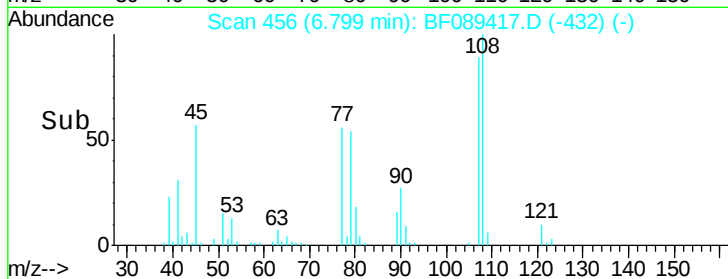
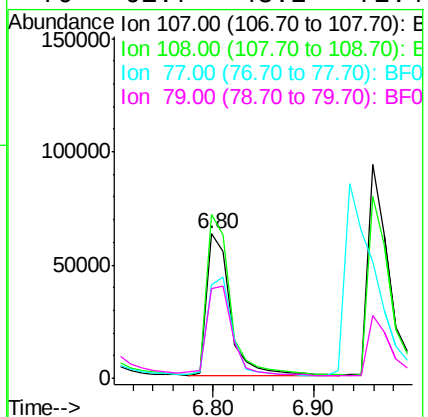
108 113.7 91.4 137.0

77 64.7 48.6 73.0

79 61.7 48.2 72.4

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#18

Hexachloroethane

Concen: 44.79 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

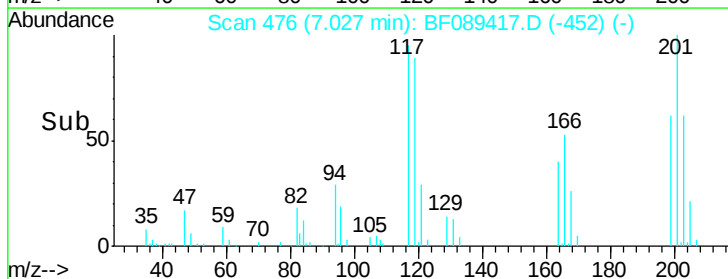
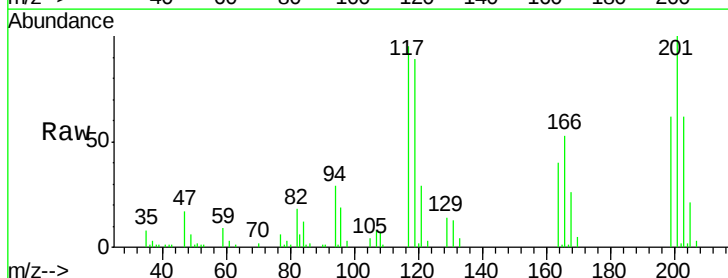
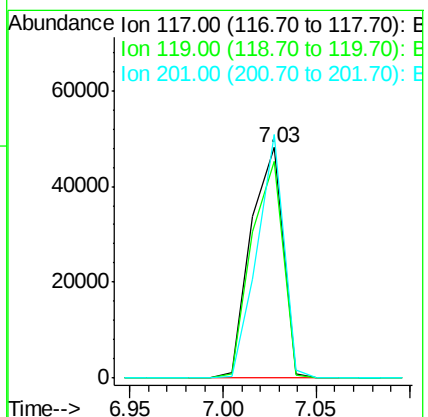
Tgt Ion:117 Resp: 57476

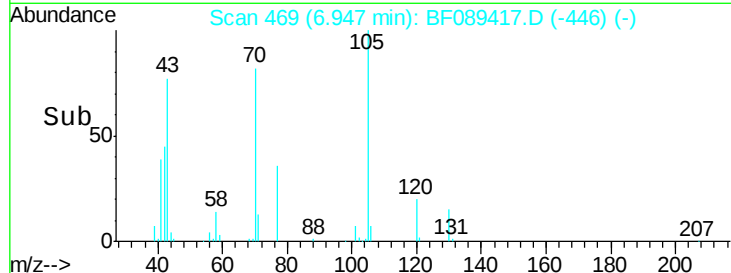
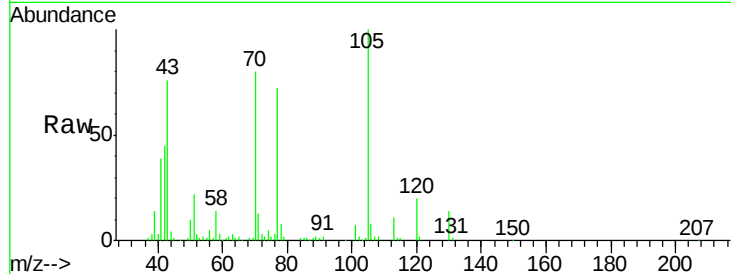
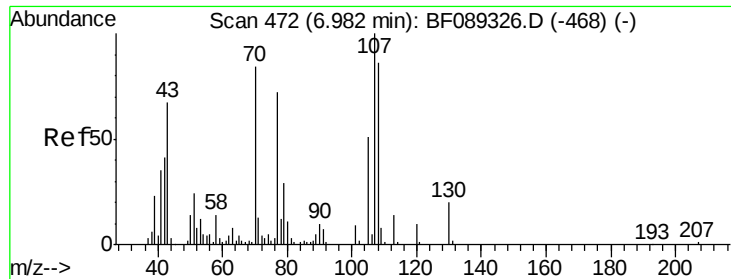
Ion Ratio Lower Upper

117 100

119 94.2 76.0 114.0

201 105.6 60.0 90.0#





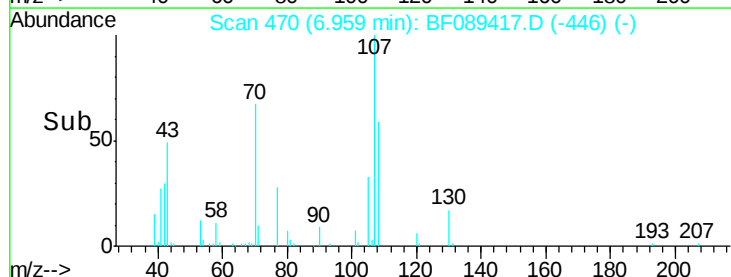
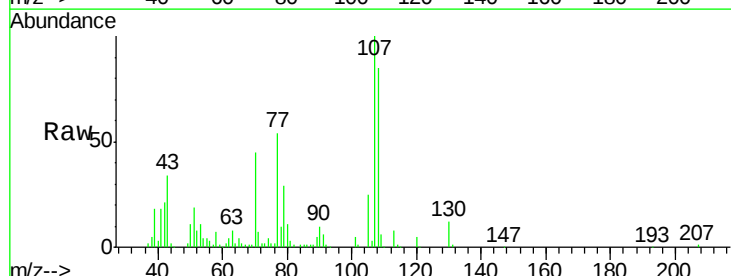
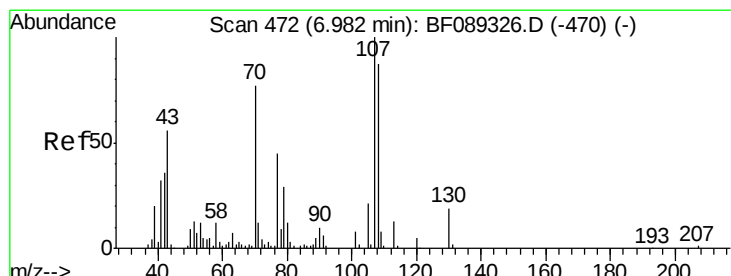
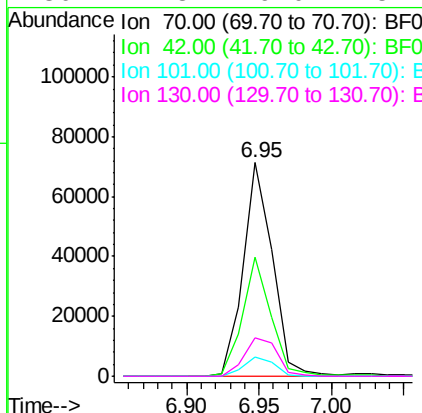
#19
n-Nitroso-di-n-propylamine
Concen: 48.87 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.0	38.6	57.8
101	9.1	8.3	12.5
130	17.8	19.0	28.4

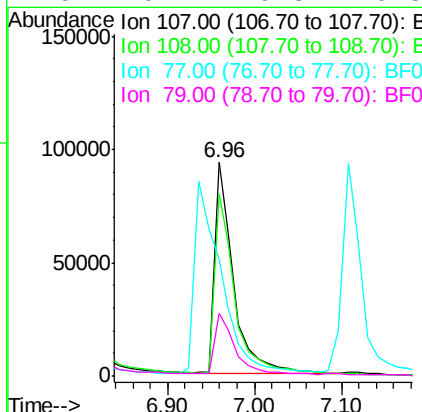
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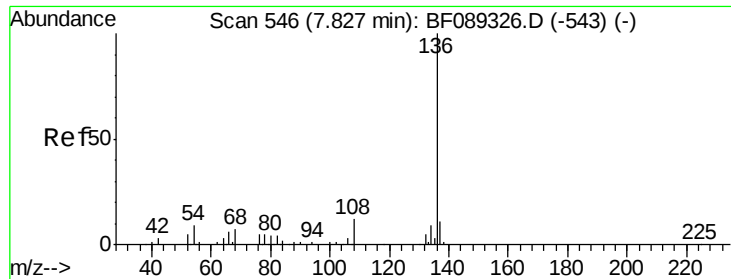
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#20
3+4-Methylphenols
Concen: 49.51 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	63.3	103.3
77	54.3	51.1	91.1
79	29.4	9.3	49.3





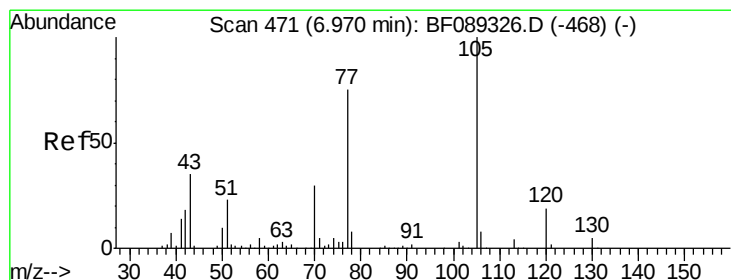
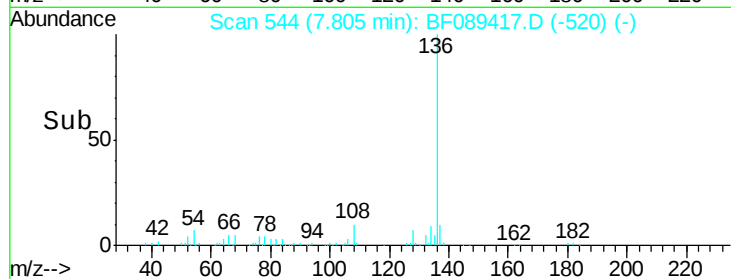
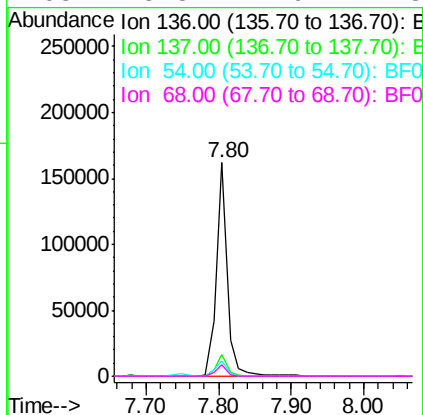
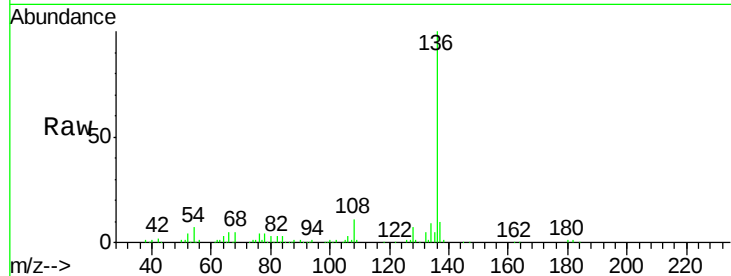
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	171155		
137	10.5	8.6	13.0	
54	7.0	7.0	10.4	
68	5.3	4.9	7.3	

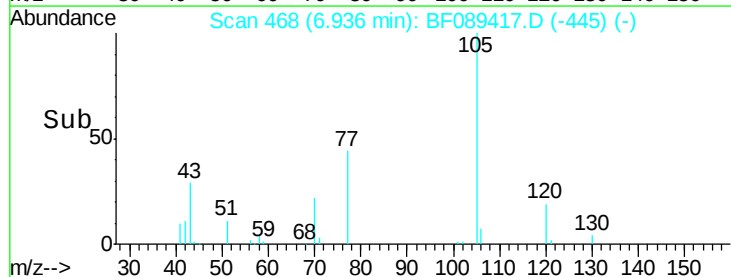
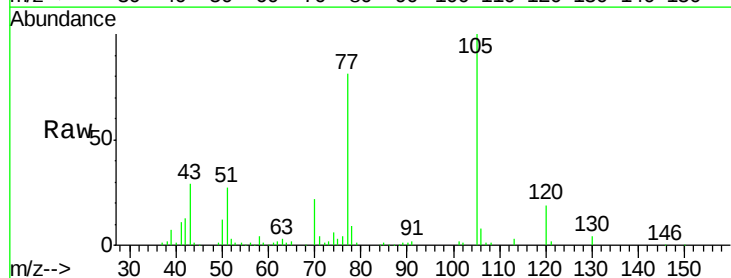
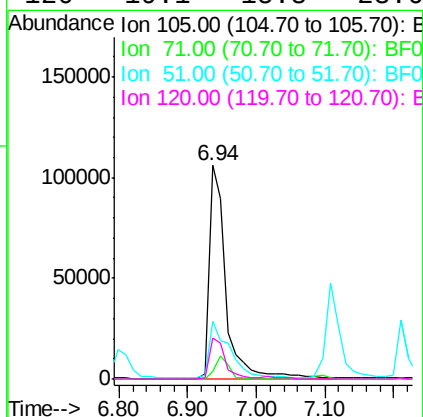
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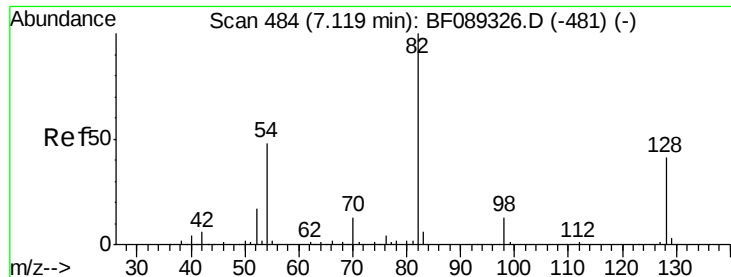
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#22
Acetophenone
Concen: 44.66 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	181984		
71	3.8	4.2	6.2#	
51	26.8	18.7	28.1	
120	19.1	15.8	23.6	





#23

Nitrobenzene-d5

Concen: 102.15 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

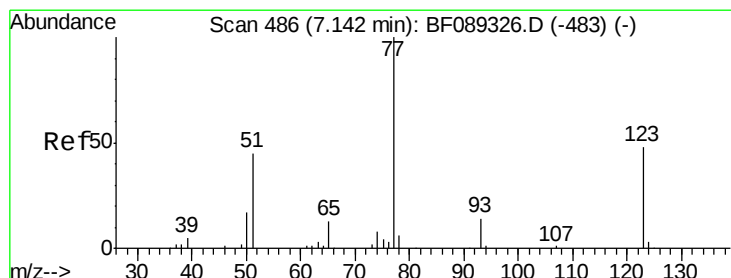
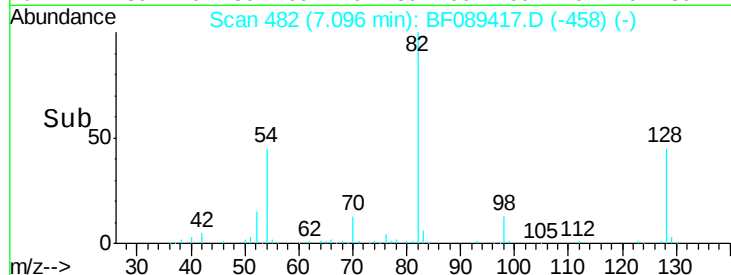
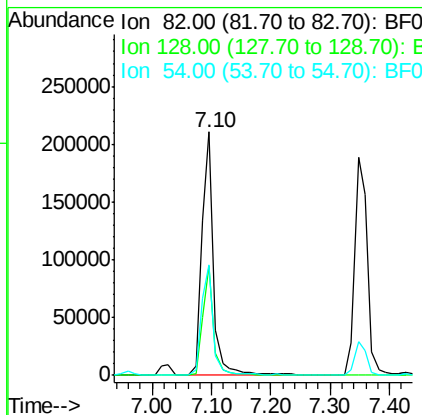
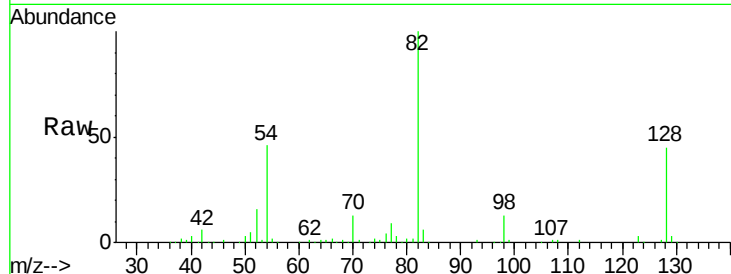
ClientSampleId :

PB92476BS

Tgt Ion:	82	Resp:	296187
Ion Ratio	Lower	Upper	
82	100		
128	44.7	32.5	48.7
54	45.6	38.8	58.2

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#24

Nitrobenzene

Concen: 42.73 ng

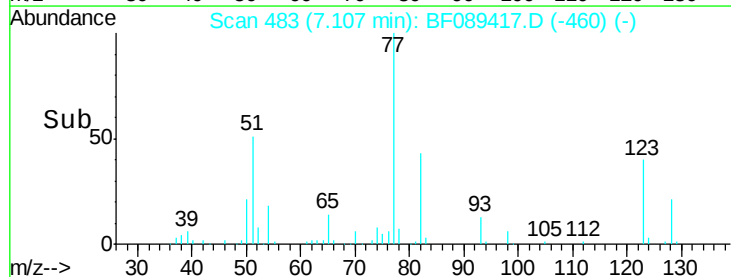
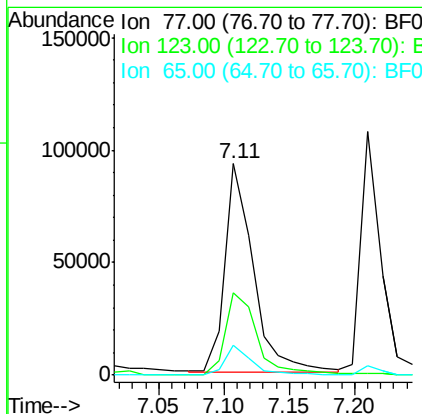
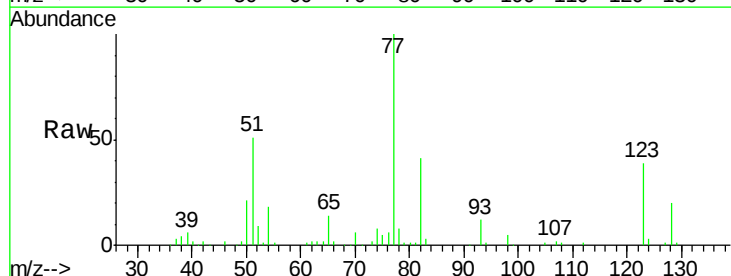
RT: 7.11 min Scan# 483

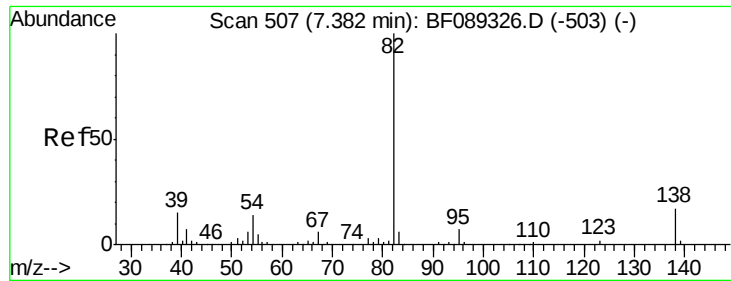
Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion:	77	Resp:	141017
Ion Ratio	Lower	Upper	
77	100		
123	38.9	37.2	55.8
65	14.0	10.2	15.4





#25

Isophorone

Concen: 46.93 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

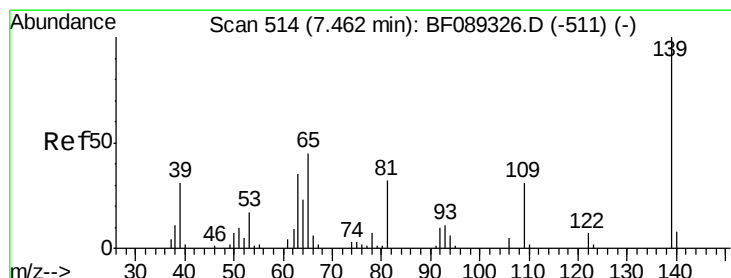
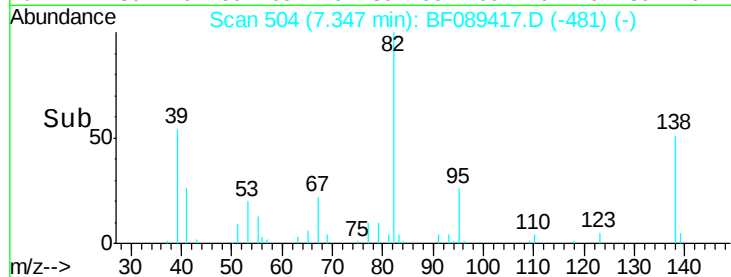
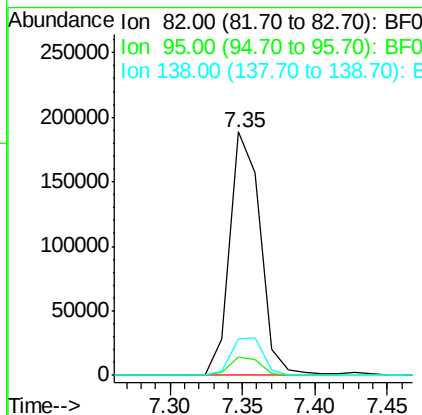
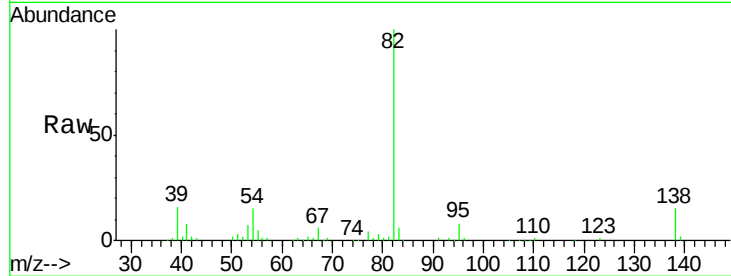
ClientSampleId :

PB92476BS

Tgt Ion:	82	Resp:	274116
Ion Ratio		Lower	Upper
82	100		
95	7.6	6.0	9.0
138	14.7	13.3	19.9

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#26

2-Nitrophenol

Concen: 48.60 ng

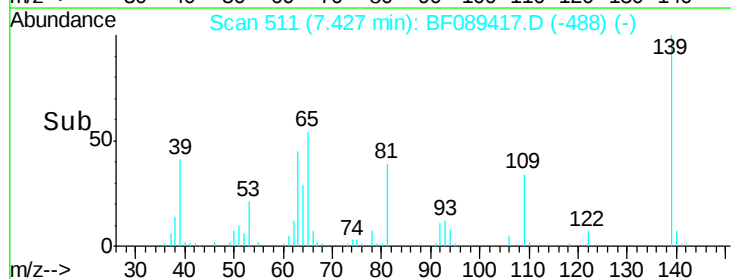
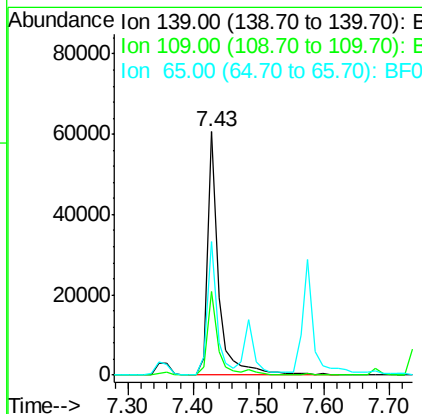
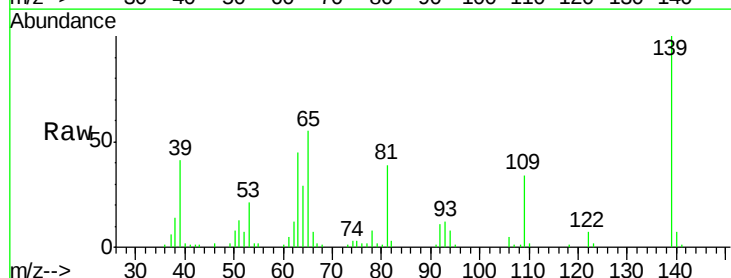
RT: 7.43 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion:	139	Resp:	71709
Ion Ratio		Lower	Upper
139	100		
109	34.2	25.8	38.8
65	54.8	35.2	52.8#





#27

2,4-Dimethylphenol

Concen: 51.55 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

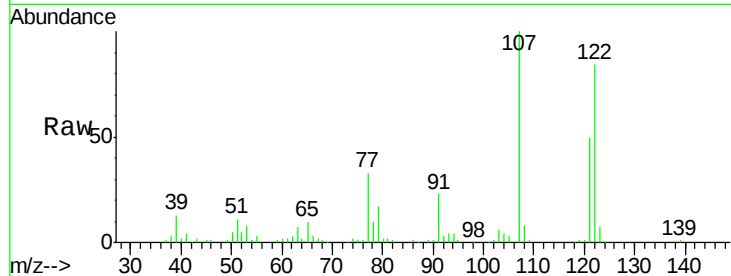
ClientSampleId :

PB92476BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	121170		
107	119.1	97.2	145.8	
121	59.1	48.8	73.2	

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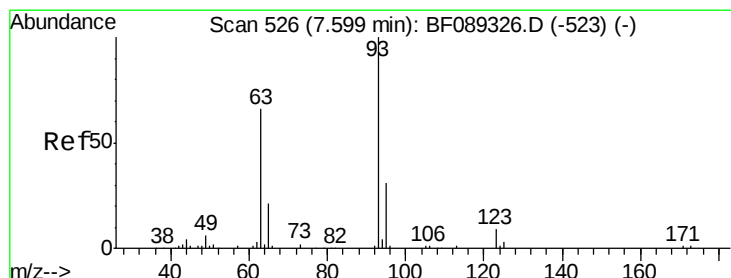
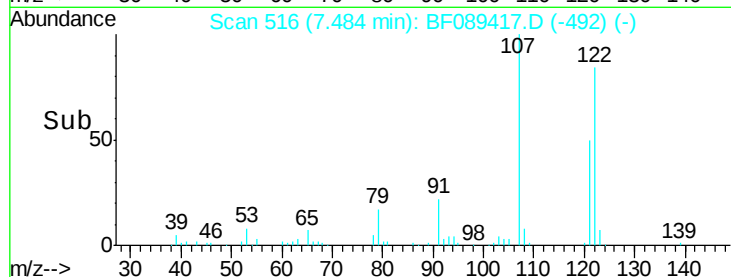
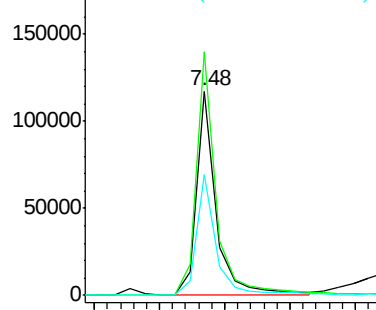
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 54.65 ng

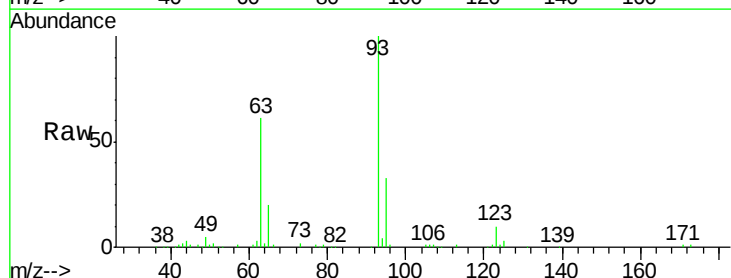
RT: 7.58 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

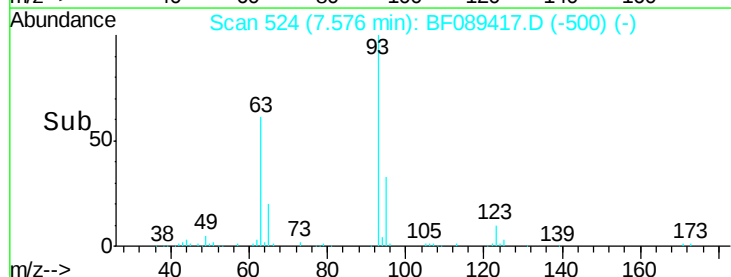
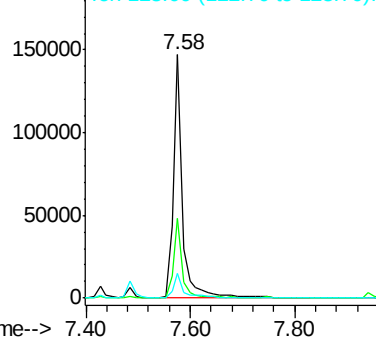
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	176692		
95	32.7	24.7	37.1	
123	10.4	7.5	11.3	

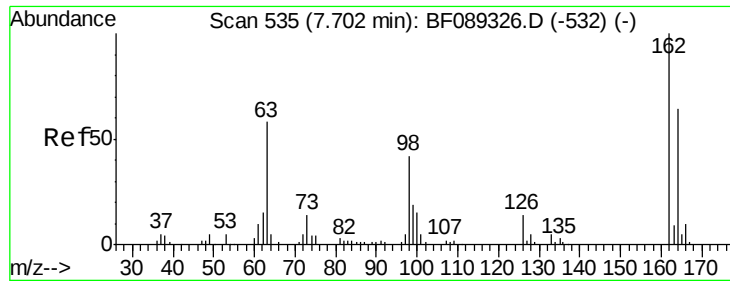


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





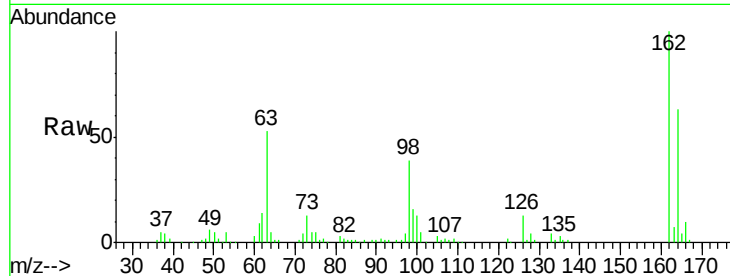
#29
2,4-Dichlorophenol
Concen: 51.76 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

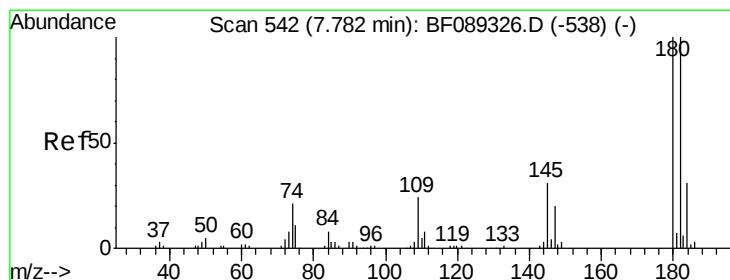
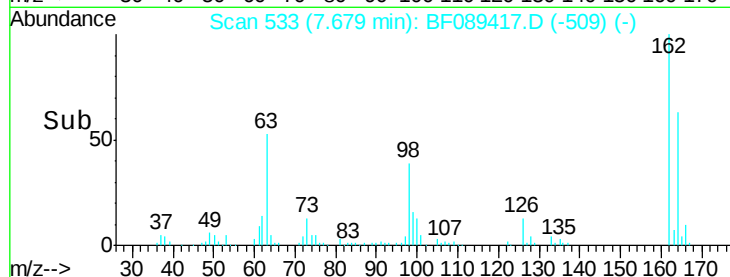
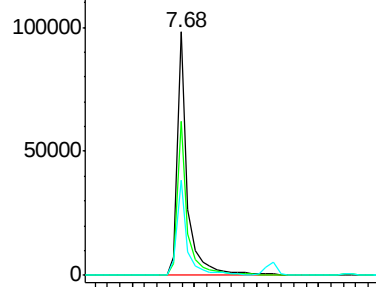
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	44.0	84.0
98	39.0	21.8	61.8

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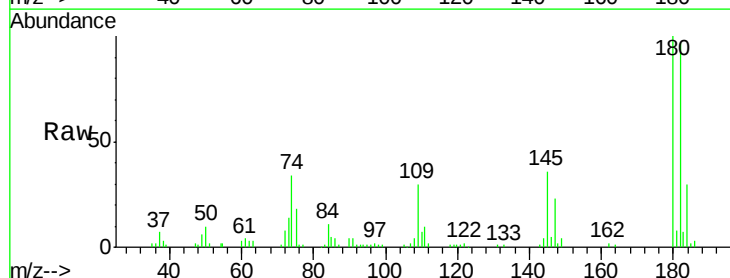


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

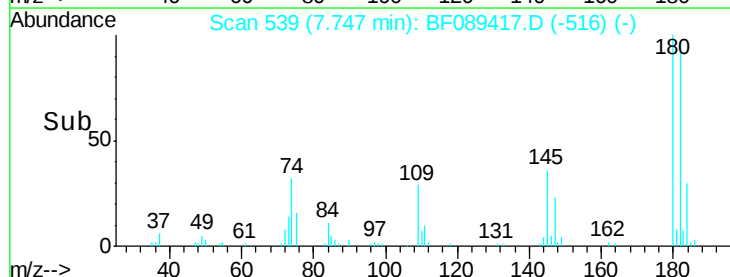
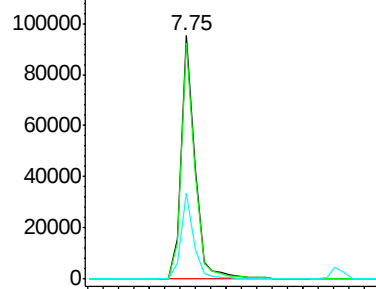


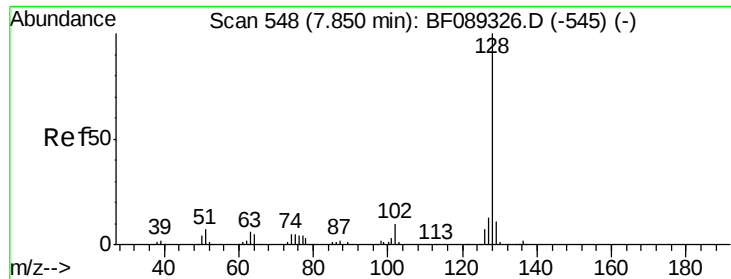
#30
1,2,4-Trichlorobenzene
Concen: 48.37 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.0	78.2	117.2
145	35.6	24.6	36.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





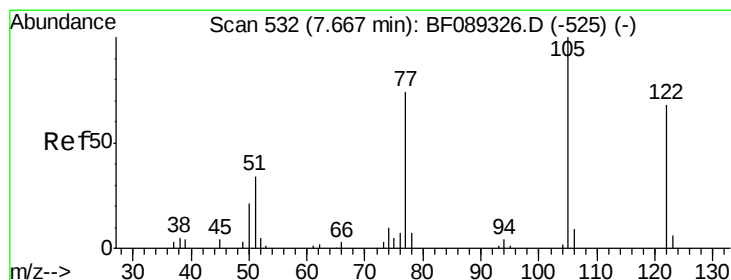
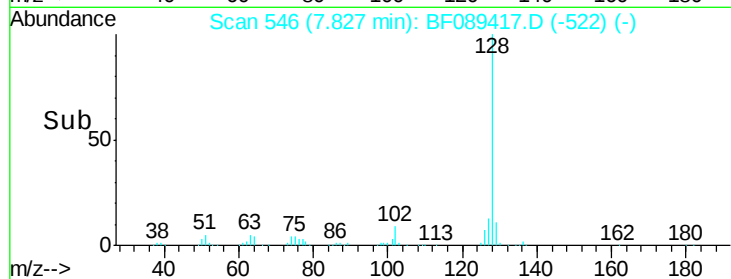
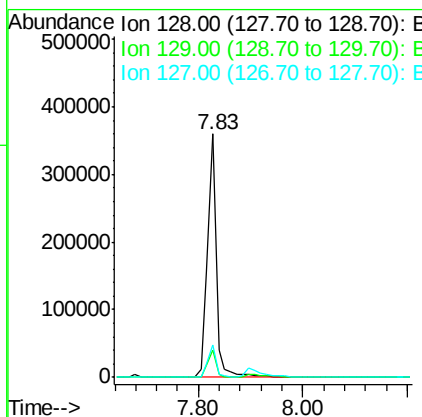
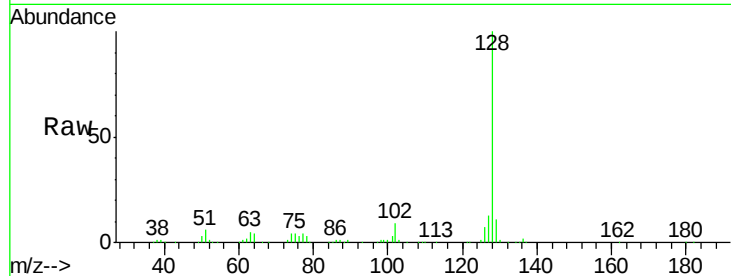
#31
Naphthalene
Concen: 50.18 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	425306		
129	11.0	8.8	13.2	
127	13.5	10.8	16.2	

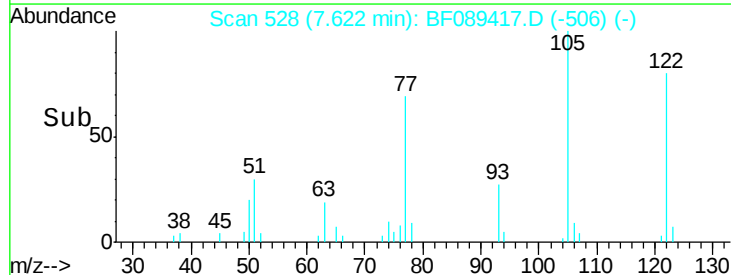
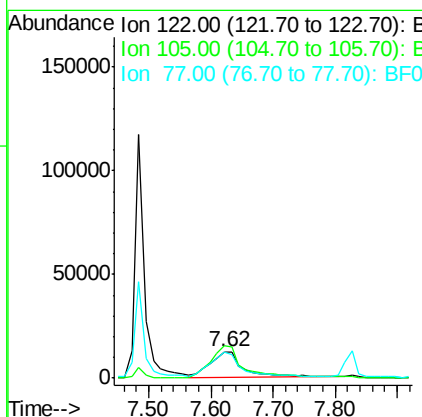
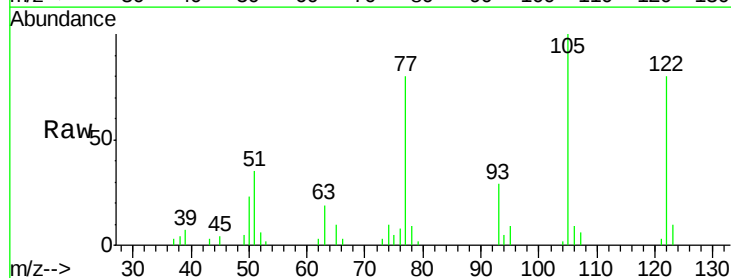
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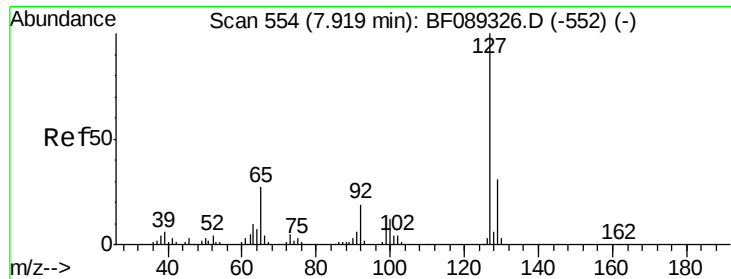
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#32
Benzoic acid
Concen: 27.43 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	44934		
105	125.6	106.4	146.4	
77	99.9	76.4	116.4	





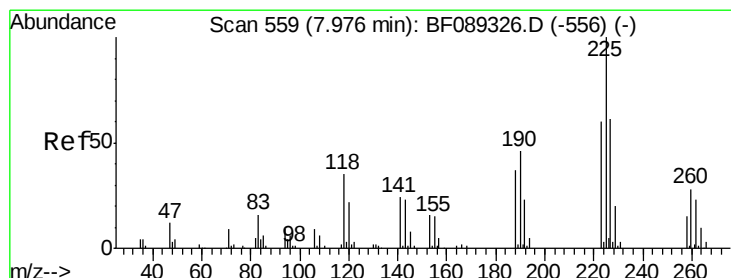
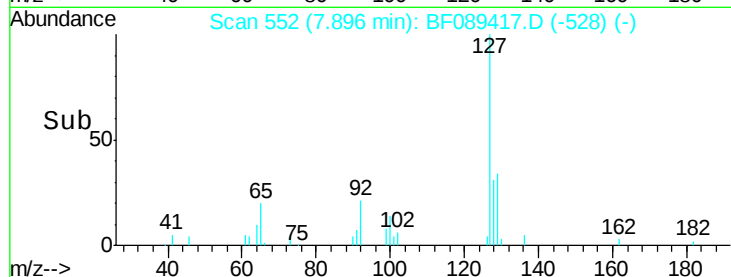
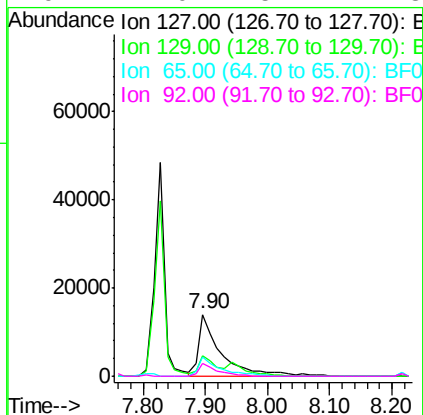
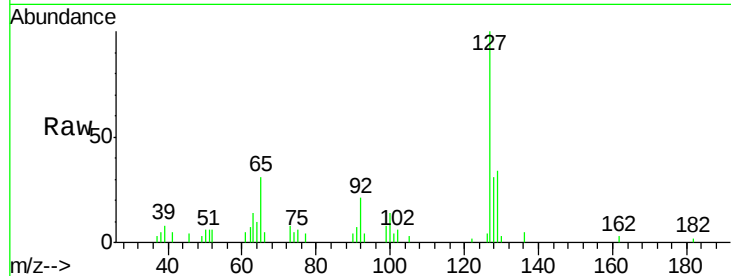
#33
4-Chloroaniline
Concen: 10.97 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:	127	Resp:	35409
Ion Ratio	Lower	Upper	
127	100		
129	34.1	26.1	39.1
65	31.3	22.0	33.0
92	21.0	15.2	22.8

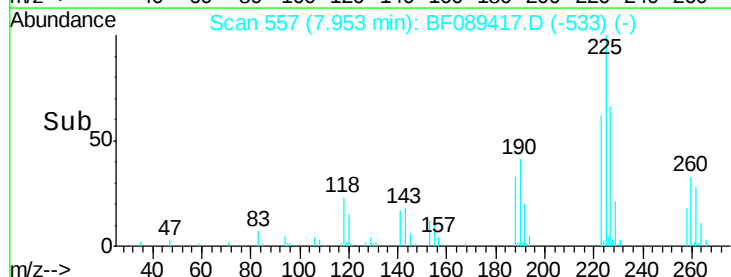
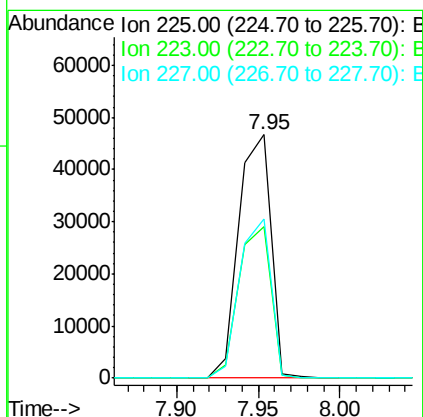
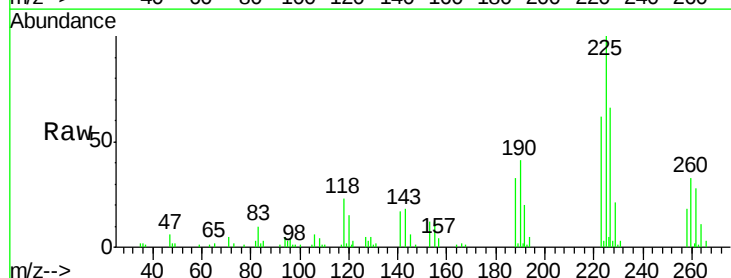
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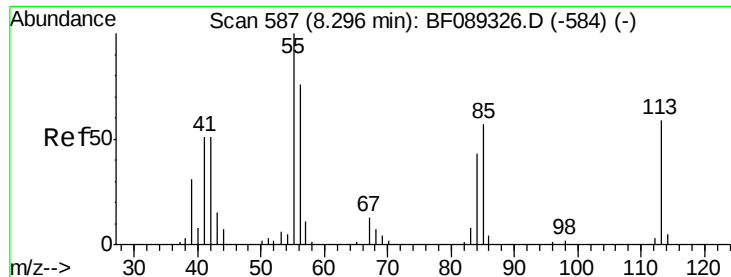
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#34
Hexachlorobutadiene
Concen: 45.58 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:	225	Resp:	63796
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.8	74.8
227	65.5	49.4	74.2





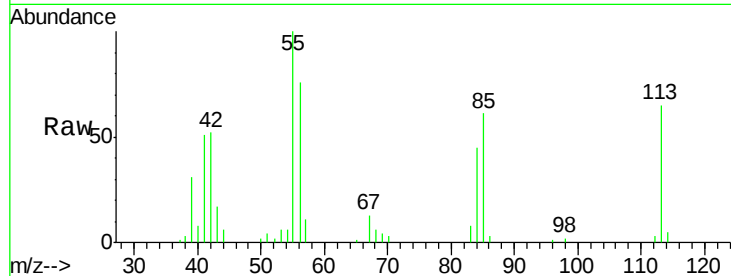
#35
 Caprolactam
 Concen: 46.62 ng m
 RT: 8.26 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

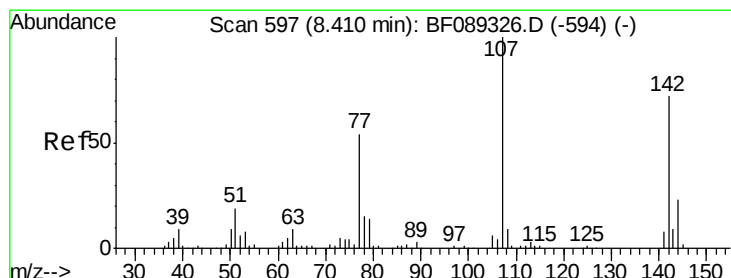
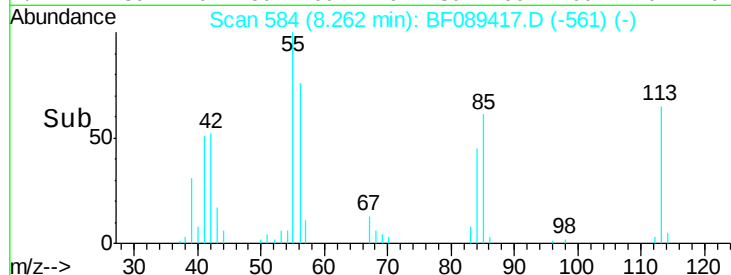
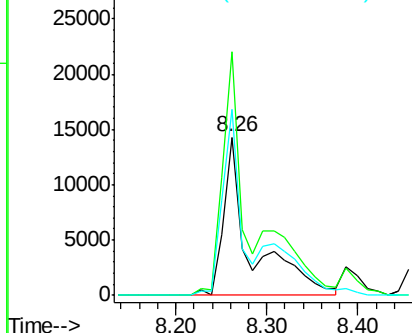
Tgt Ion:113 Resp: 30141
 Ion Ratio Lower Upper
 113 100
 55 153.9 142.3 182.3
 56 117.4 105.8 145.8

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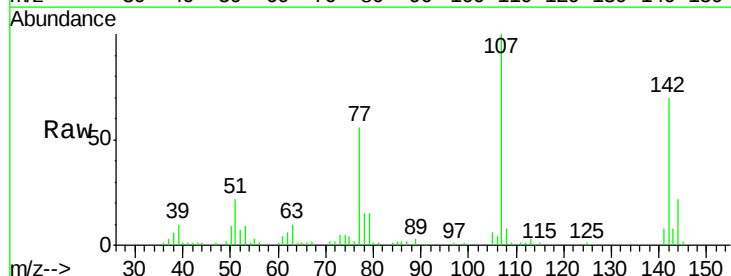


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

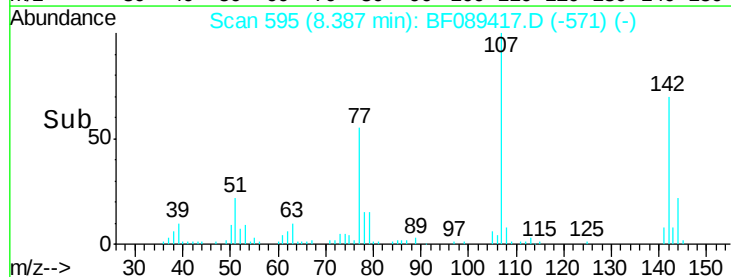
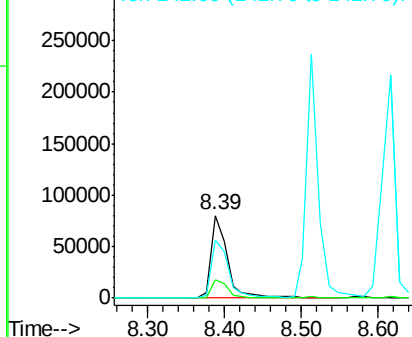


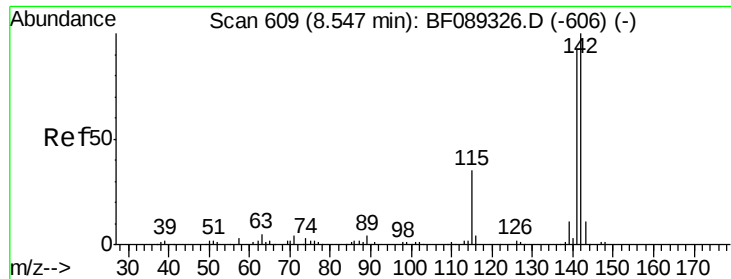
#36
 4-Chloro-3-methylphenol
 Concen: 47.10 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion:107 Resp: 119909
 Ion Ratio Lower Upper
 107 100
 144 21.8 18.4 27.6
 142 69.7 58.6 87.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





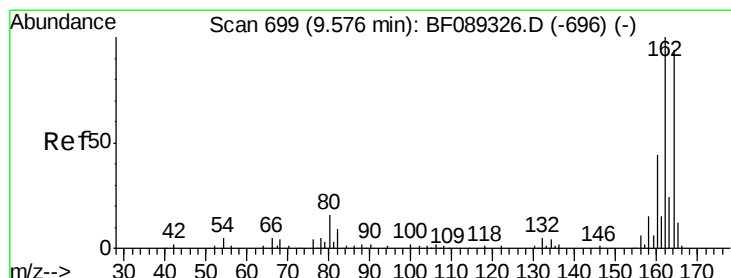
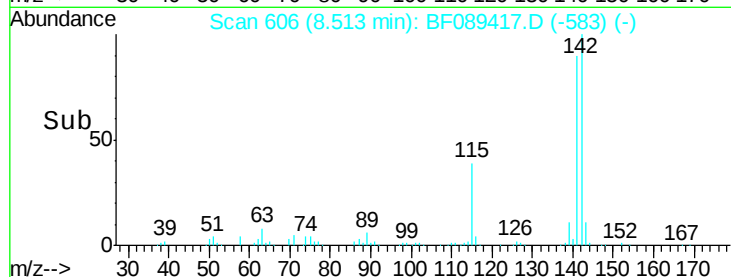
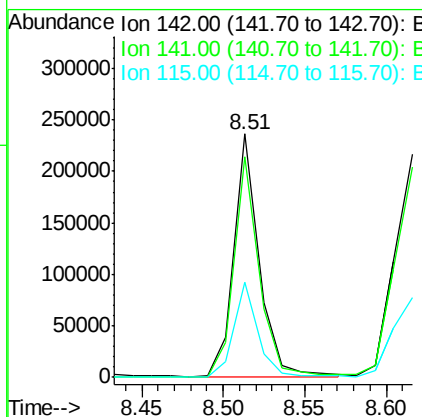
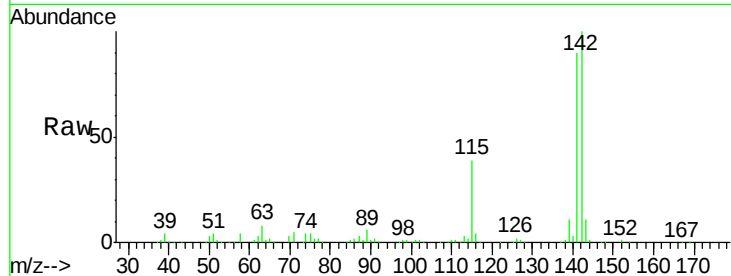
#37
2-Methylnaphthalene
Concen: 49.65 ng
RT: 8.51 min Scan# 606
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.9	106.3
115	39.2	27.6	41.4

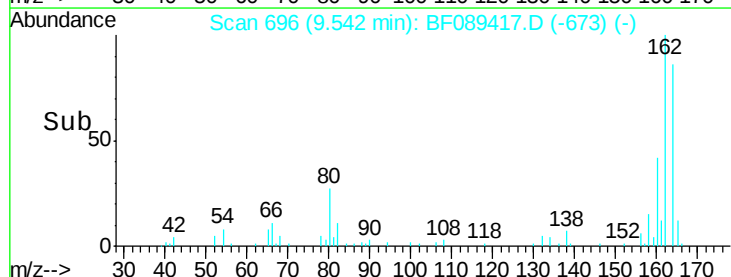
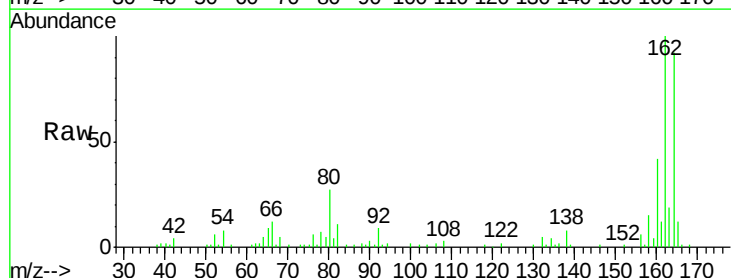
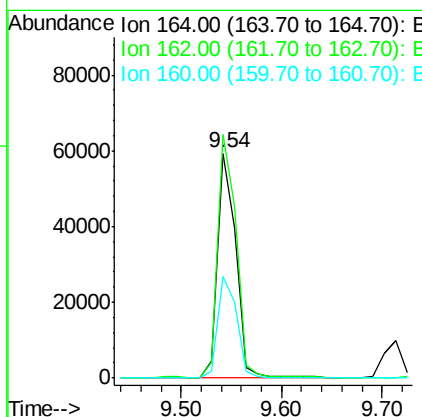
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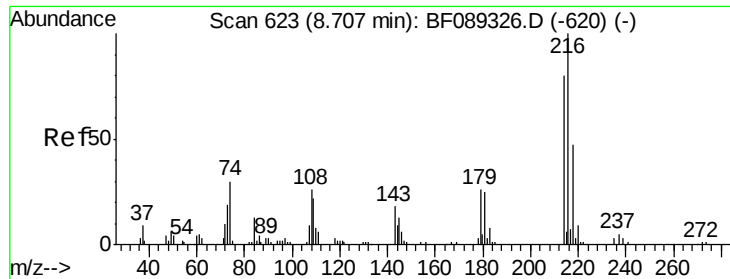
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	83.7	125.5
160	45.3	37.8	56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.81 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

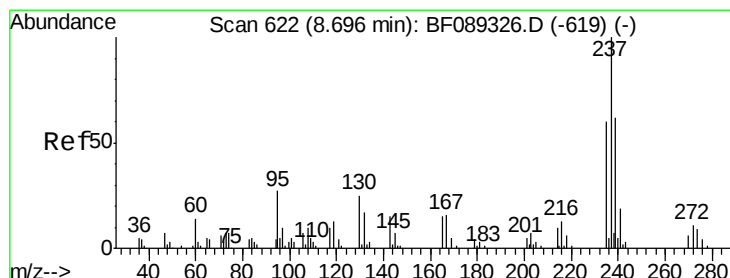
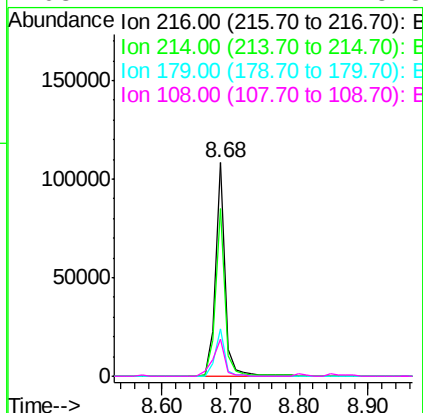
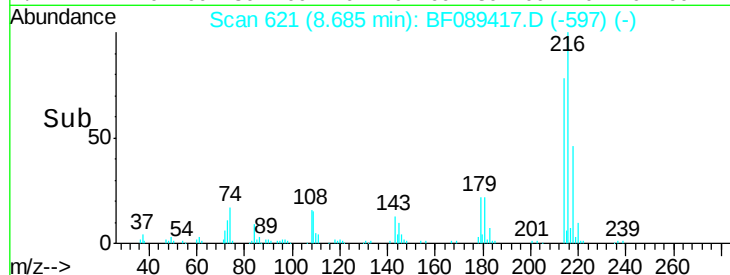
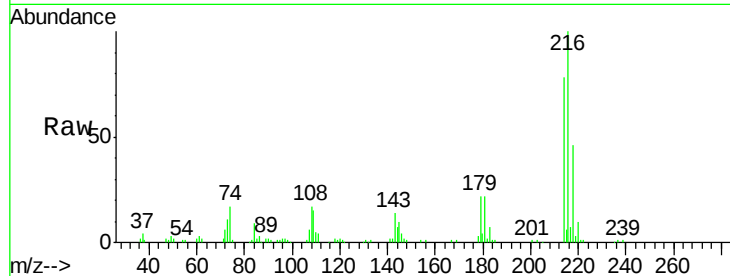
ClientSampleId :

PB92476BS

Tgt Ion:	216	Resp:	107109
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.3	94.9
179	21.9	18.1	27.1
108	21.1	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 85.56 ng

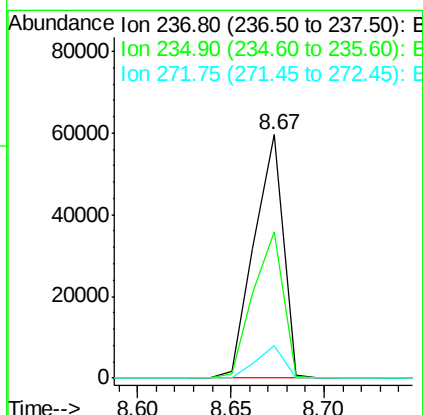
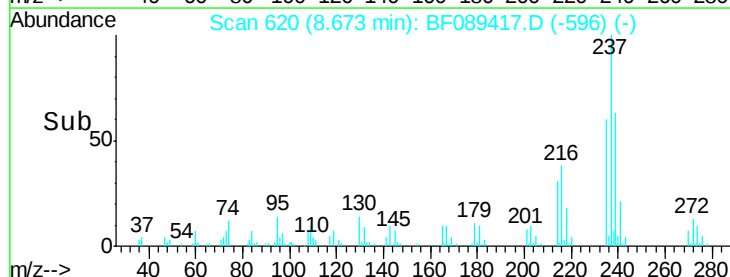
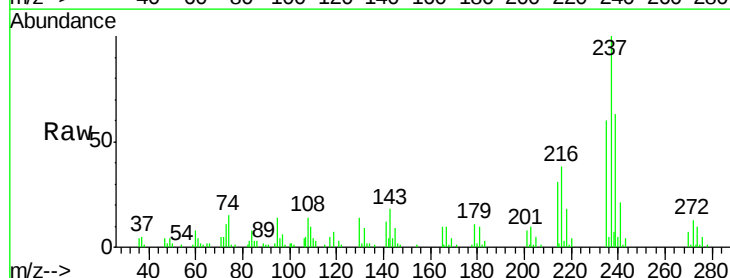
RT: 8.67 min Scan# 620

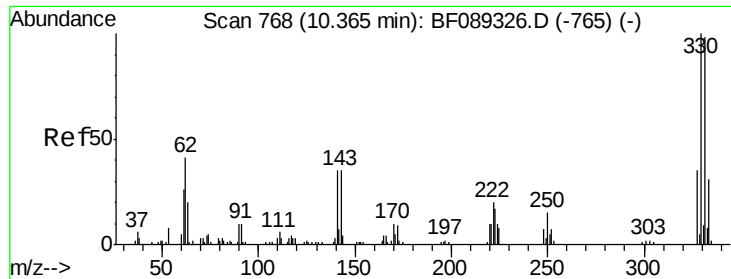
Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion:	237	Resp:	64541
Ion Ratio	Lower	Upper	
237	100		
235	60.0	41.6	81.6
272	13.1	0.0	30.8





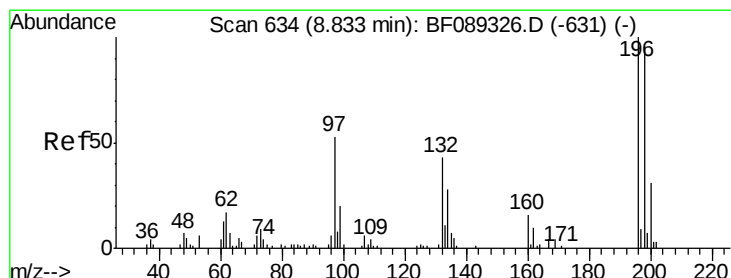
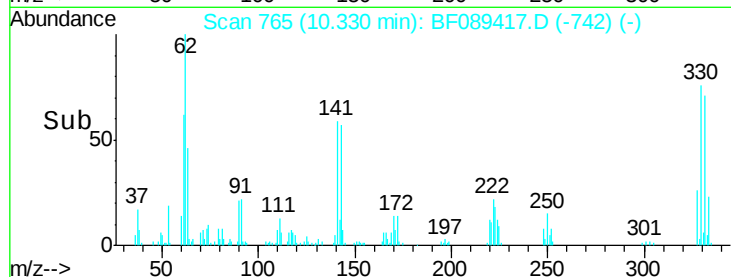
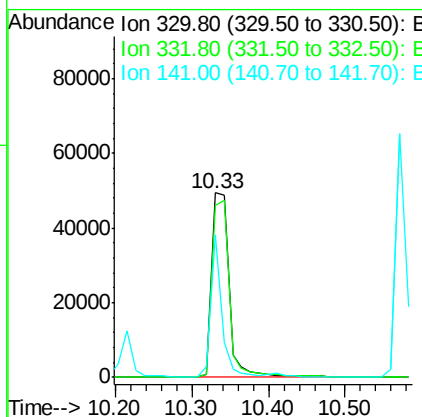
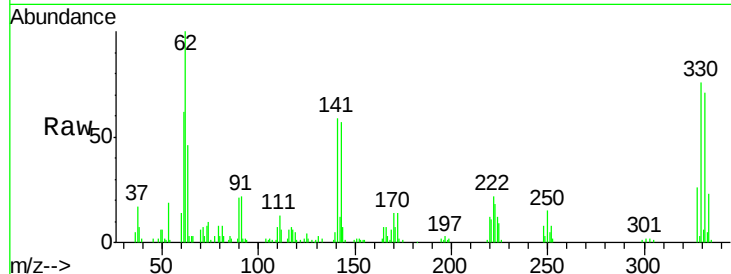
#41
 2,4,6-Tribromophenol
 Concen: 125.98 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	48.4	37.3	55.9

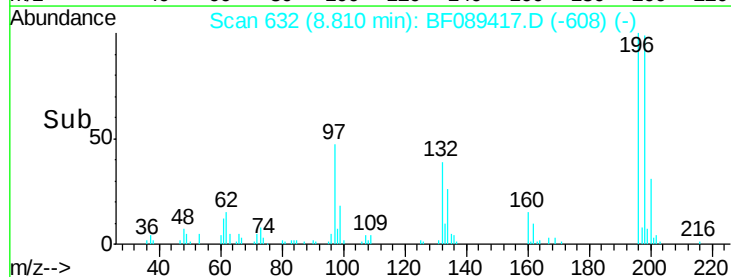
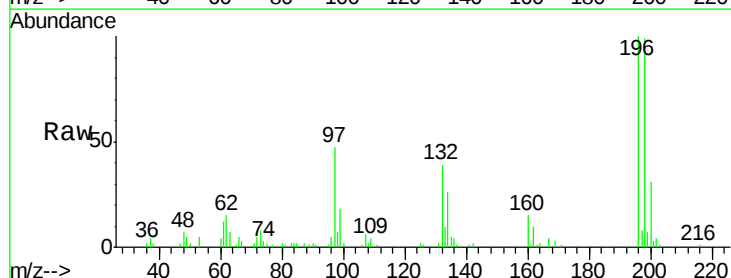
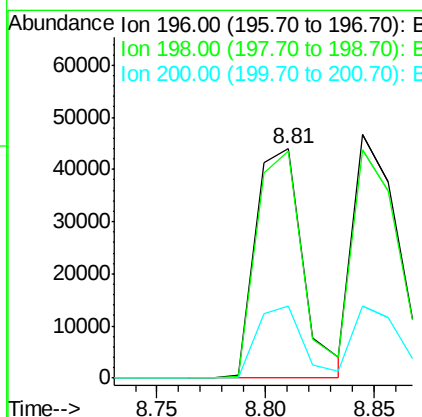
Manual Integrations
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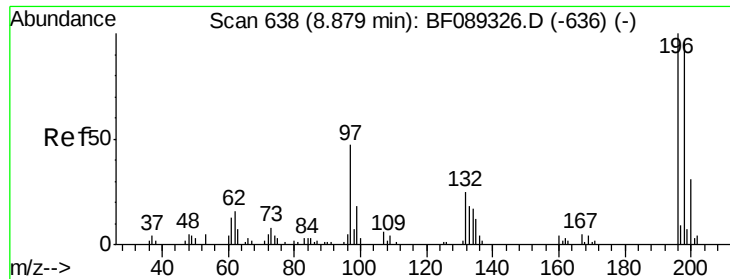
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#42
 2,4,6-Trichlorophenol
 Concen: 53.57 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	75.5	113.3
200	31.4	23.9	35.9





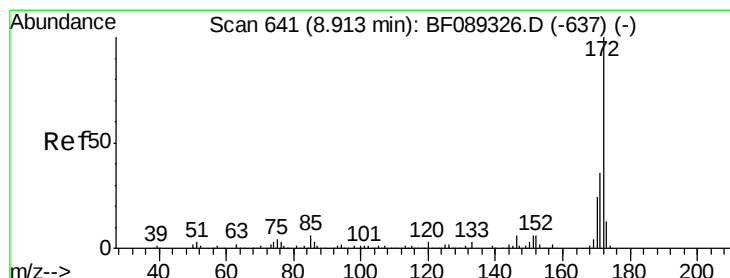
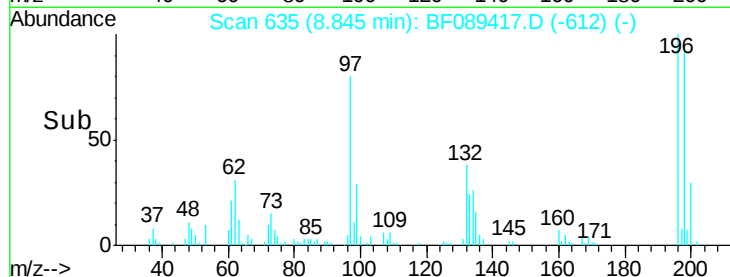
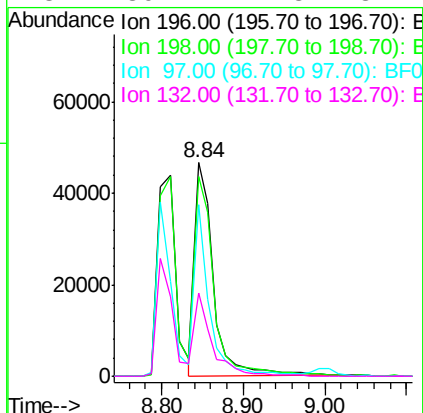
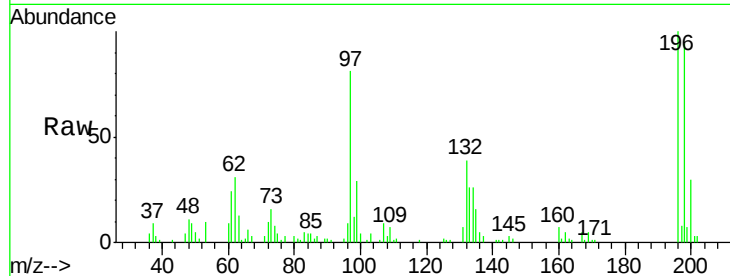
#43
 2,4,5-Trichlorophenol
 Concen: 47.33 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	74817		
198	93.6	78.7	118.1	
97	80.6	39.7	59.5#	
132	39.1	22.8	34.2#	

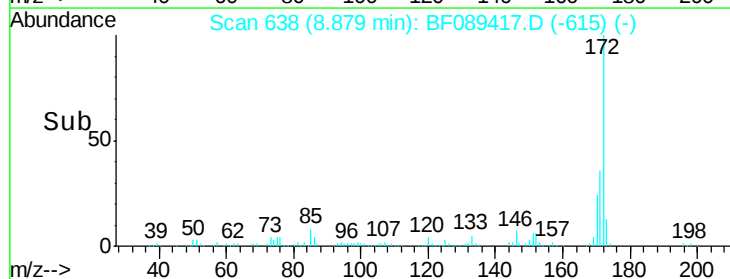
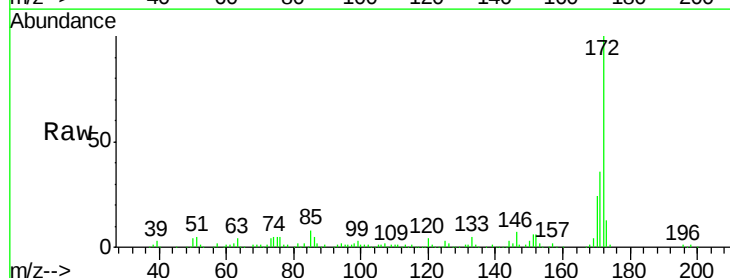
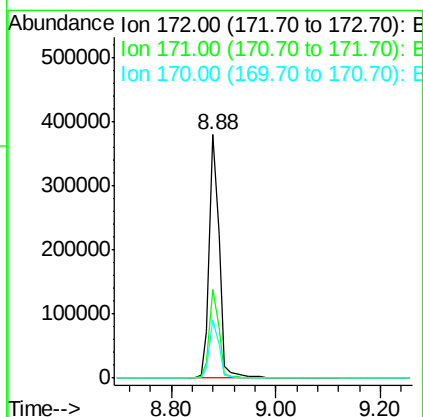
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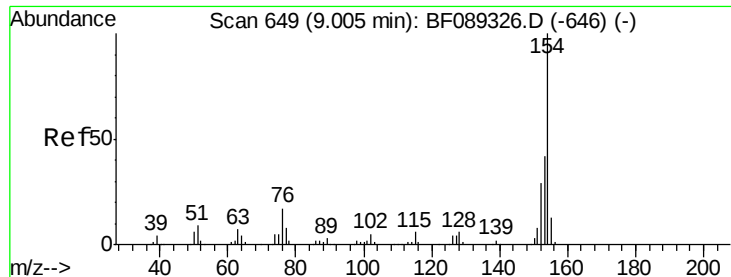
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#44
 2-Fluorobiphenyl
 Concen: 98.67 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	504324		
171	36.5	29.2	43.8	
170	23.8	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 47.00 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

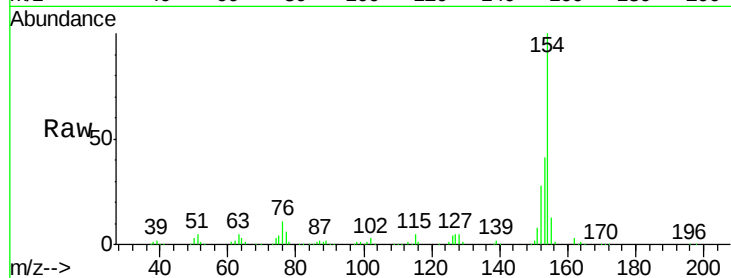
ClientSampleId :

PB92476BS

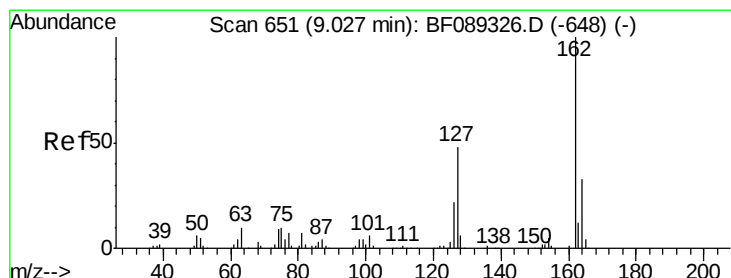
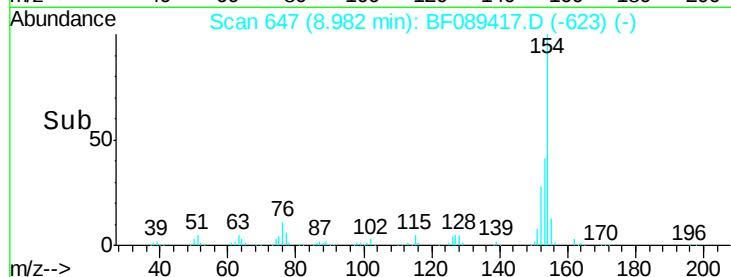
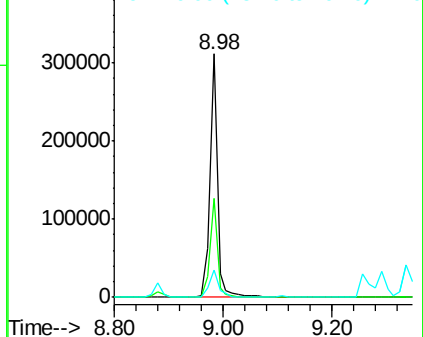
Tgt Ion:	154	Resp:	300139
Ion Ratio		Lower	Upper
154	100		
153	40.8	21.0	61.0
76	11.4	0.0	36.6

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



#46

2-Chloronaphthalene

Concen: 51.65 ng

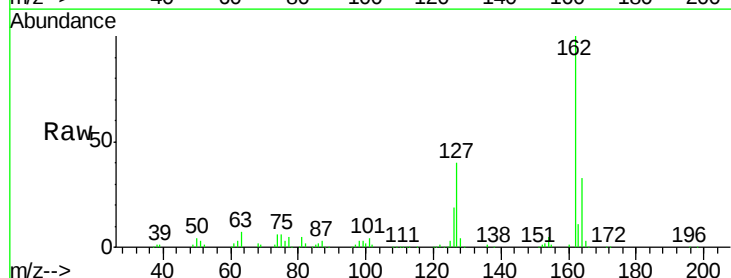
RT: 9.00 min Scan# 649

Delta R.T. -0.02 min

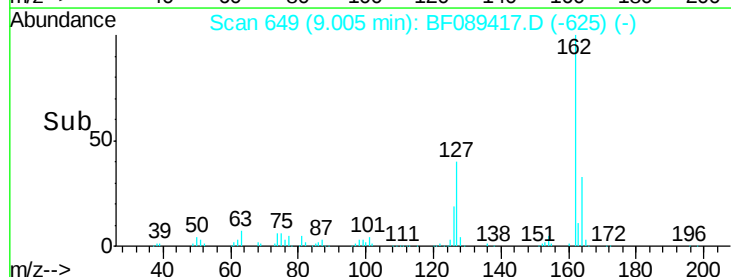
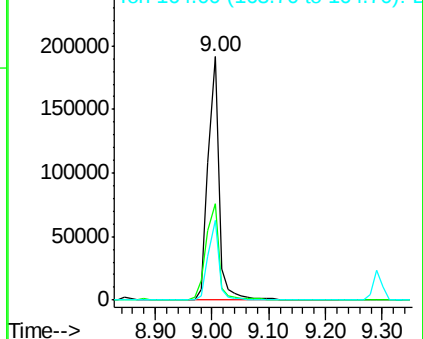
Lab File: BF089417.D

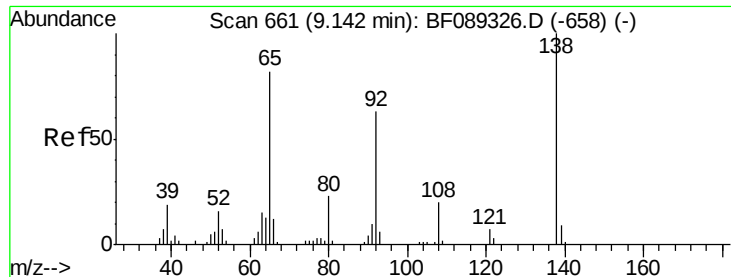
Acq: 29 Jul 2016 19:04

Tgt Ion:	162	Resp:	247738
Ion Ratio		Lower	Upper
162	100		
127	39.6	37.8	56.8
164	32.6	25.8	38.8



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





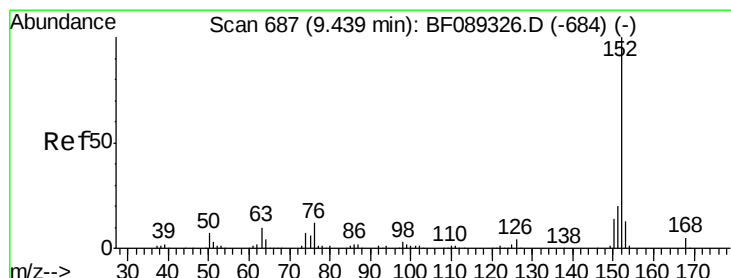
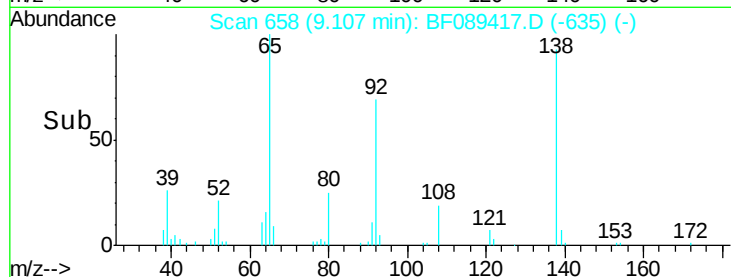
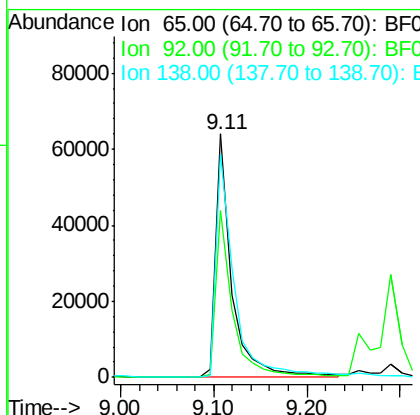
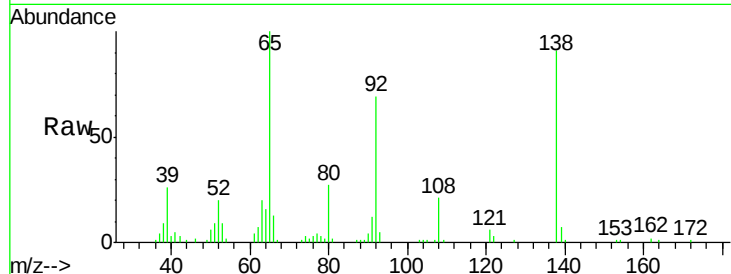
#47
2-Nitroaniline
Concen: 54.23 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	61.0	91.4
138	91.5	99.1	148.7#

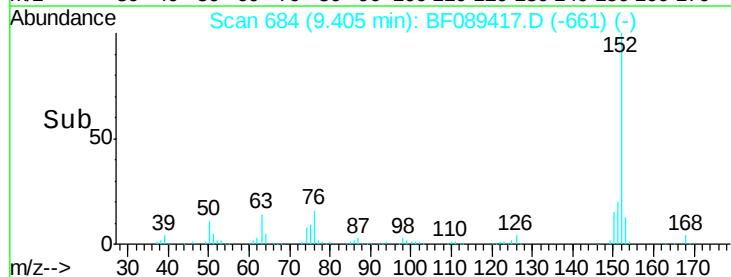
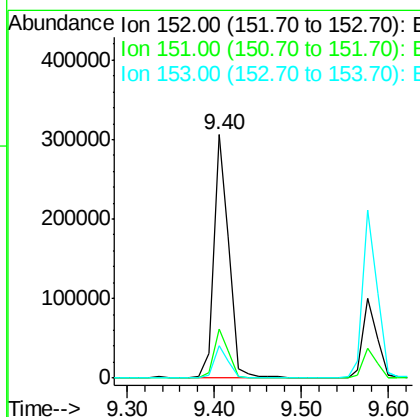
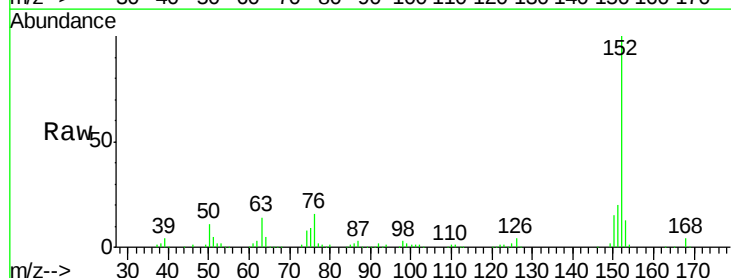
Manual Integrations
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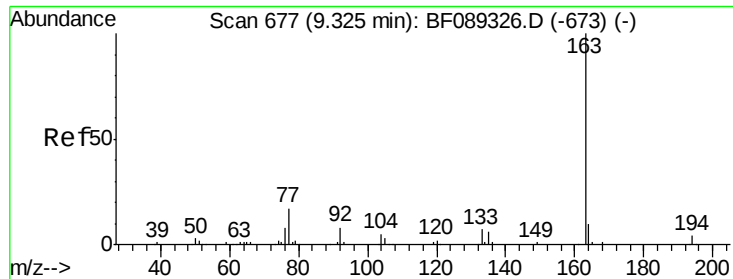
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#48
Acenaphthylene
Concen: 49.48 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.1	10.2	15.4





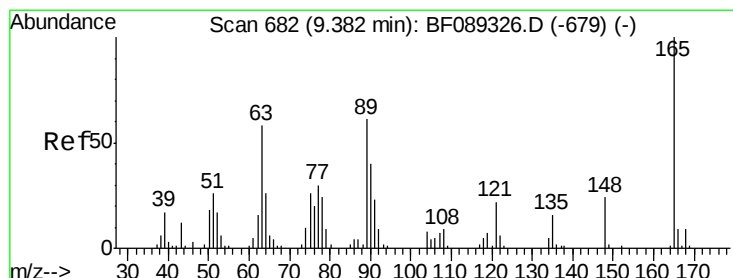
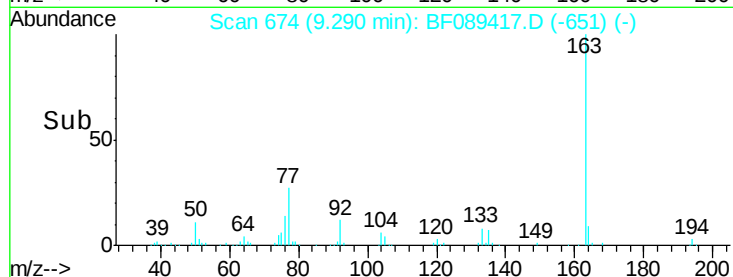
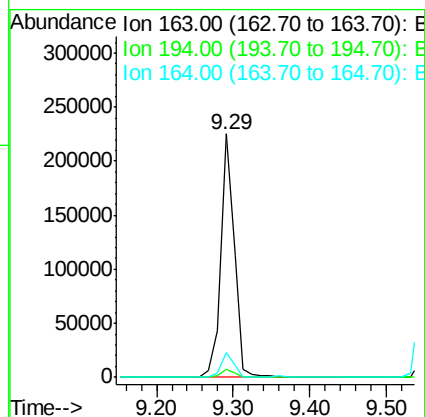
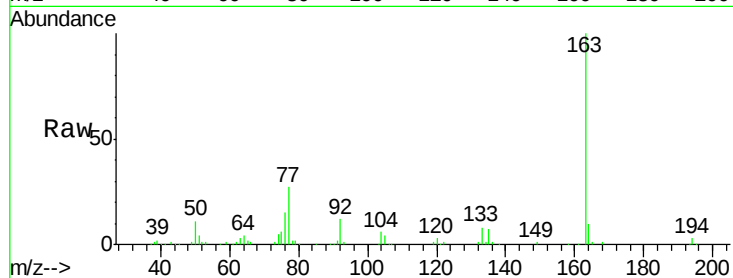
#49
Dimethylphthalate
Concen: 48.63 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.8	4.2
164	10.4	7.8	11.8

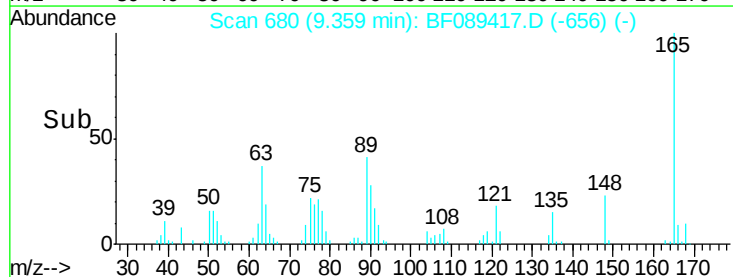
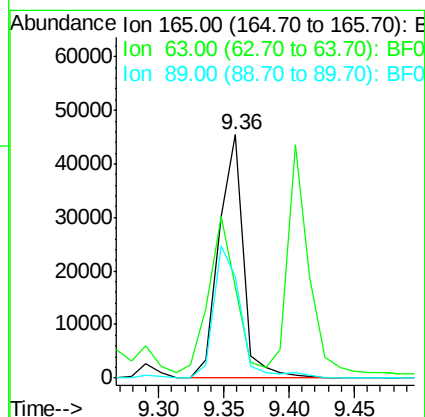
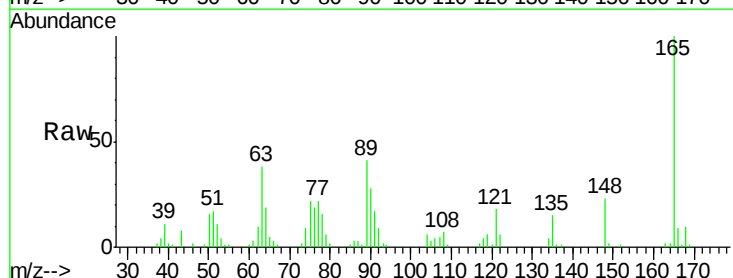
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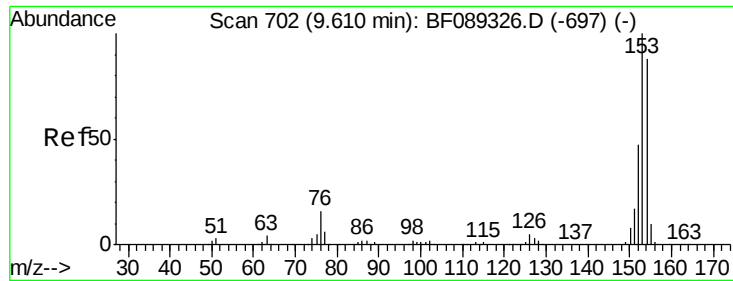
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#50
2,6-Dinitrotoluene
Concen: 51.02 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	37.6	43.5	65.3#
89	41.5	45.0	67.4#





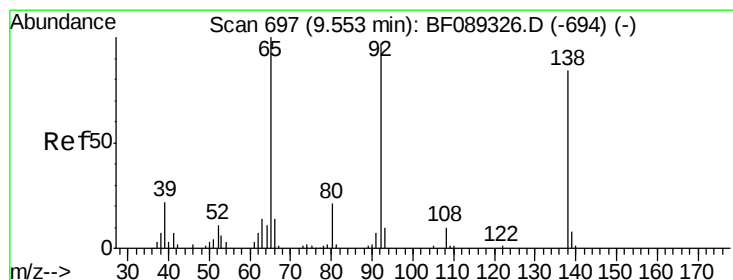
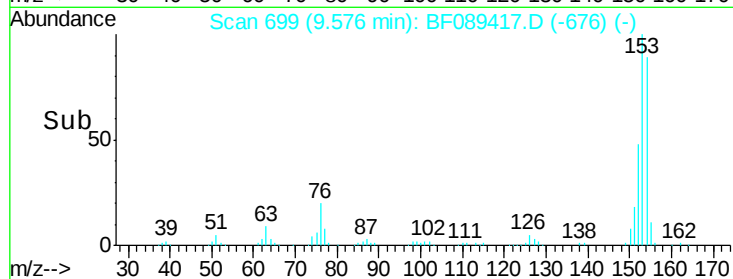
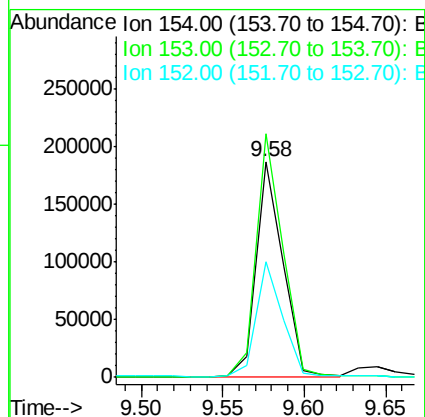
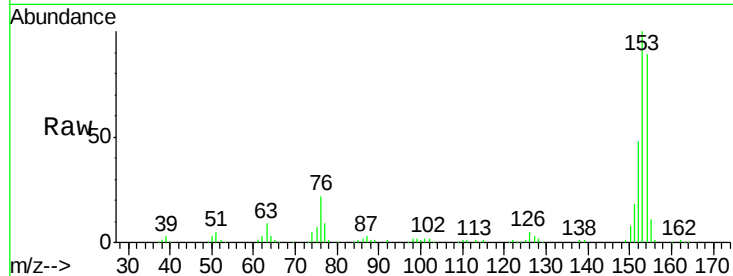
#51
Acenaphthene
Concen: 48.66 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion:154 Resp: 214653
Ion Ratio Lower Upper
154 100
153 113.0 91.4 137.2
152 53.7 43.8 65.6

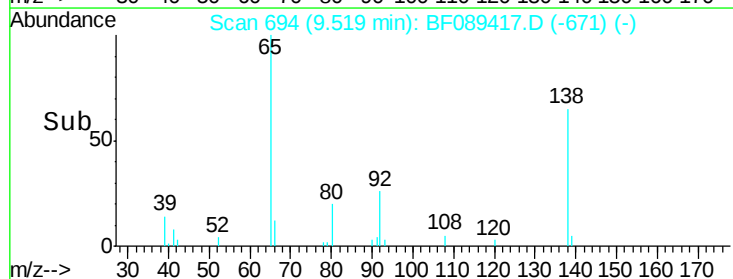
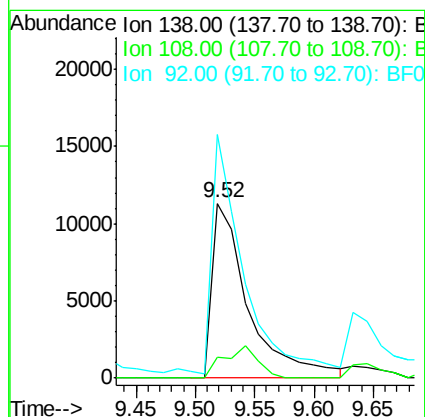
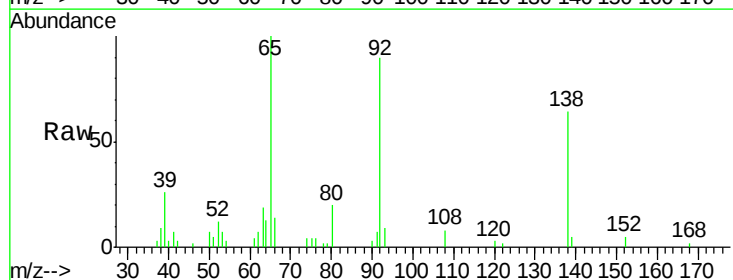
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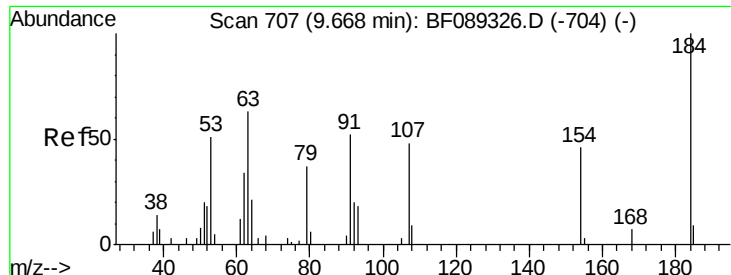
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#52
3-Nitroaniline
Concen: 19.41 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion:138 Resp: 24024
Ion Ratio Lower Upper
138 100
108 12.0 8.6 13.0
92 139.2 90.0 135.0#





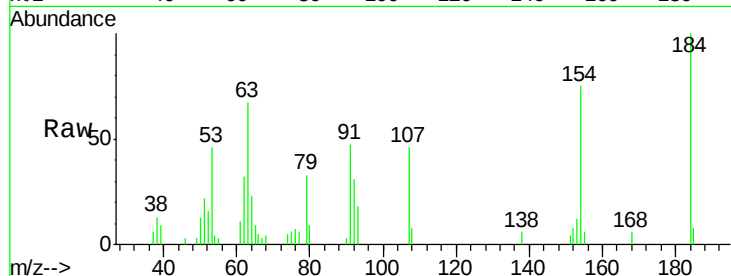
#53
2,4-Dinitrophenol
Concen: 52.95 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

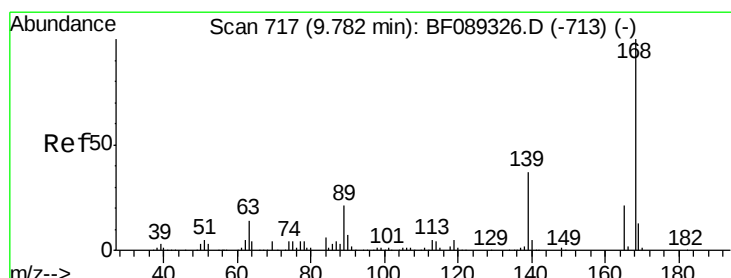
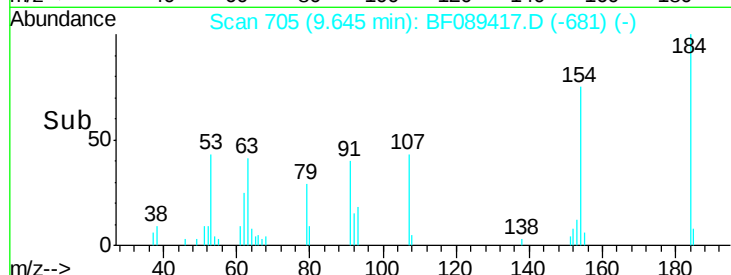
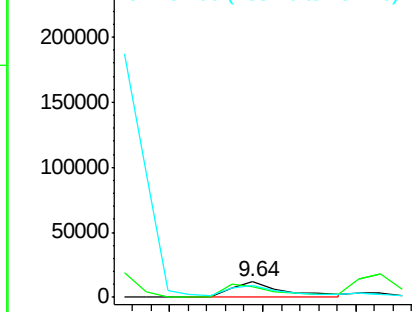
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	23316		
63	66.6	60.6	90.8	
154	75.4	69.8	104.8	

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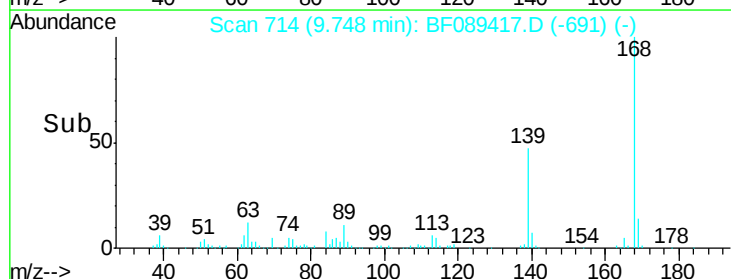
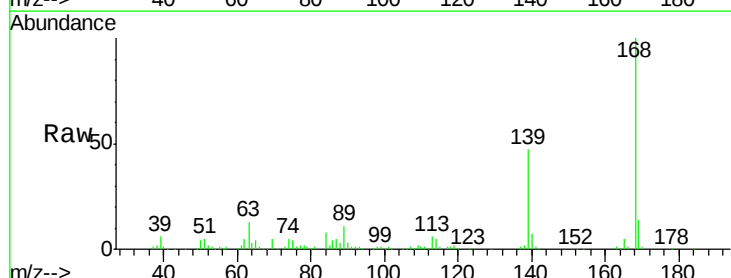
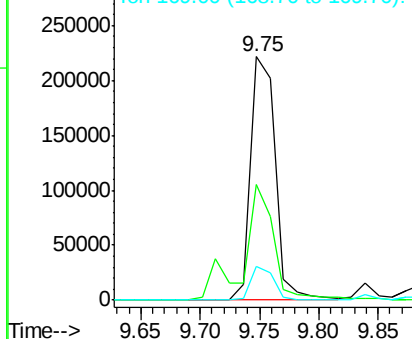
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

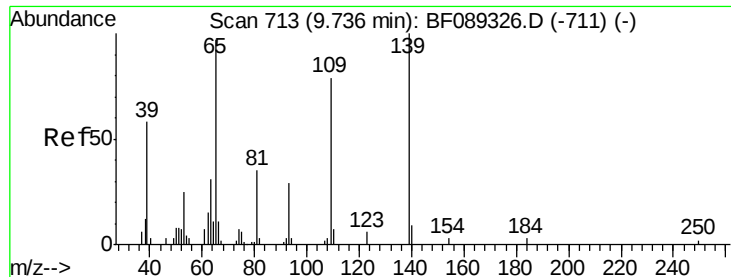


#54
Dibenzofuran
Concen: 54.02 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	324752		
139	47.3	33.7	50.5	
169	13.6	10.7	16.1	

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





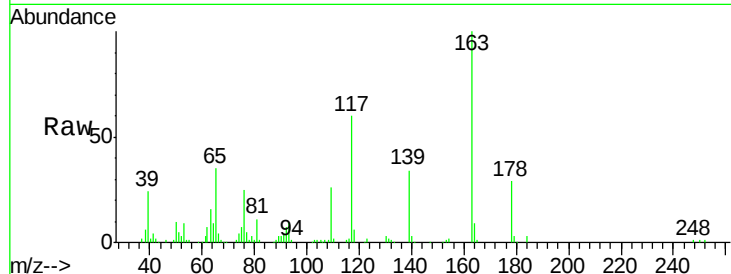
#55
4-Nitrophenol
Concen: 82.31 ng m
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

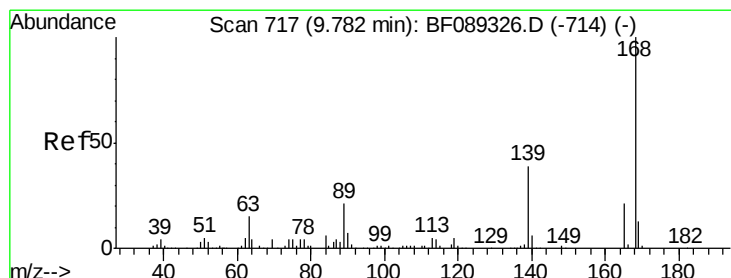
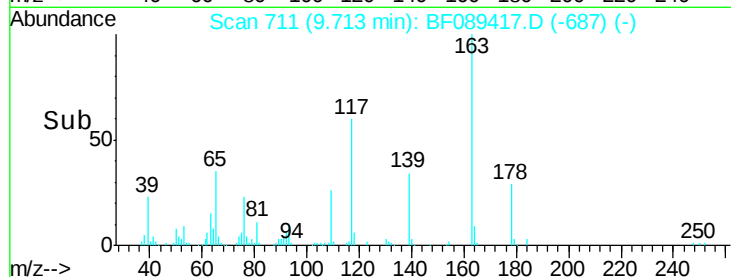
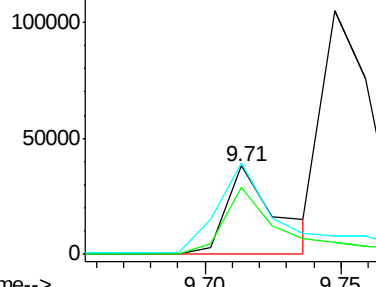
Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.7	57.8	97.8
65	102.8	81.7	121.7

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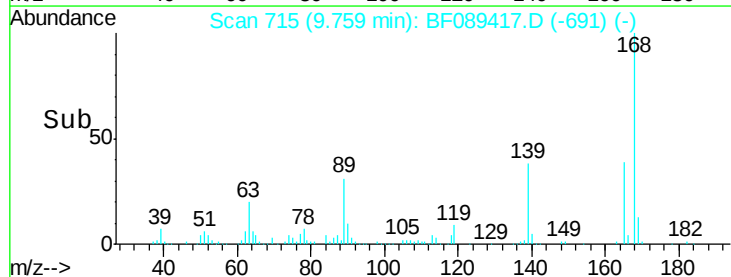
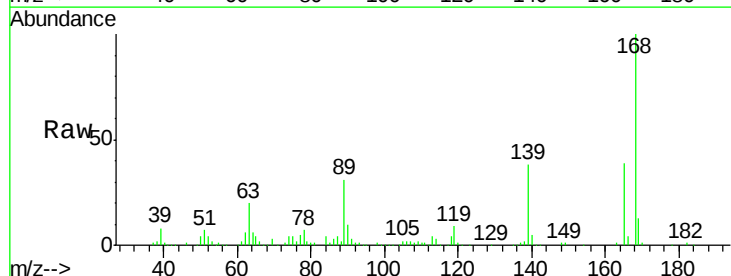
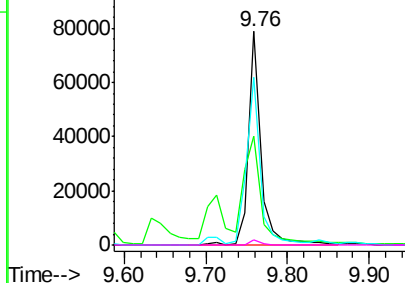
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

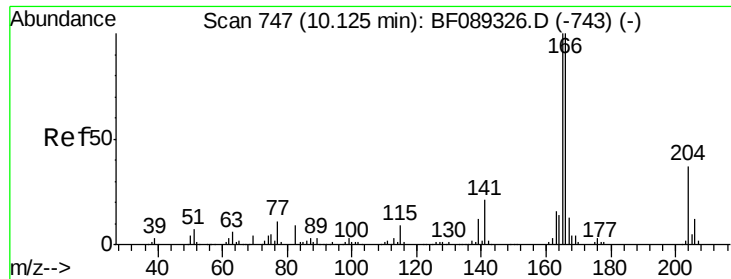


#56
2,4-Dinitrotoluene
Concen: 54.23 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.9	58.2	87.2#
89	78.5	79.1	118.7#
182	2.7	1.8	2.8

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





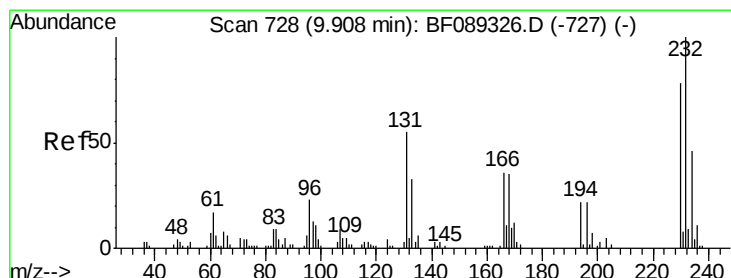
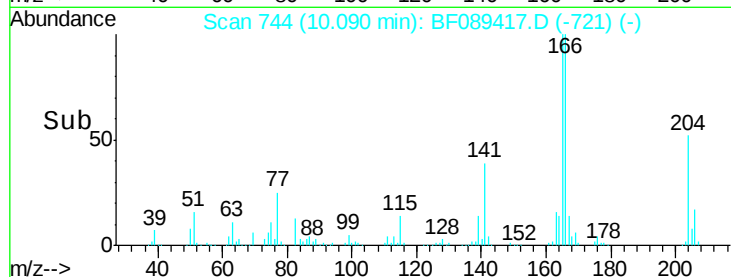
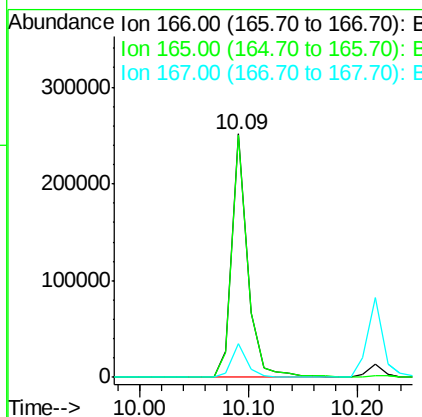
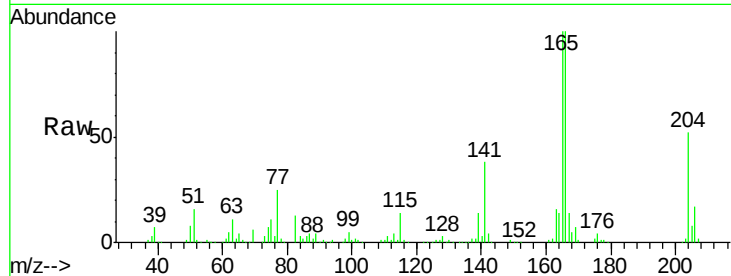
#57
 Fluorene
 Concen: 48.36 ng
 RT: 10.09 min Scan# 744
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	253761		
165	99.7	79.0	118.4	
167	13.7	10.2	15.2	

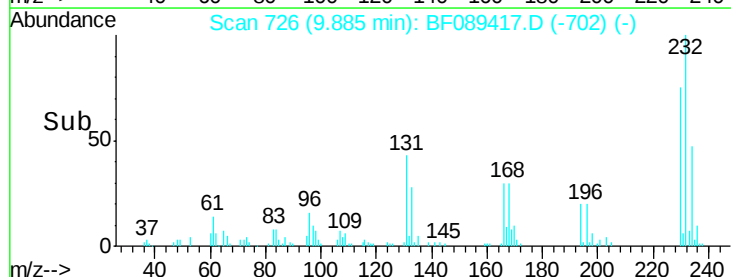
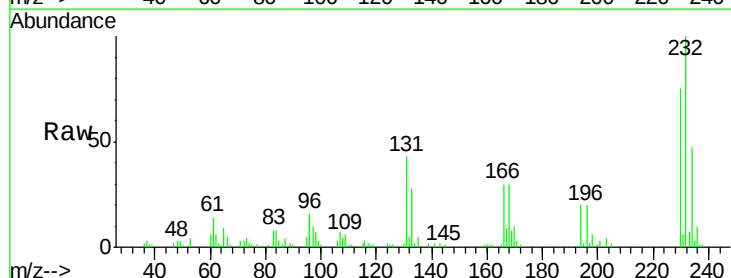
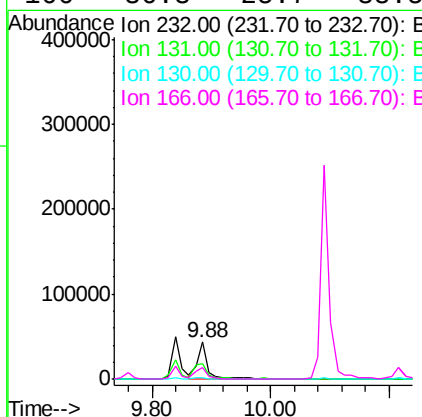
Manual Integrations
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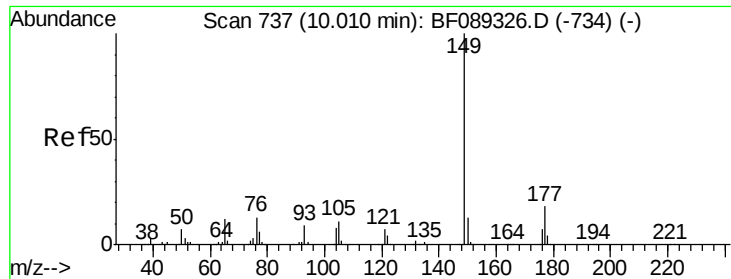
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.42 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	56381		
131	55.3	42.7	64.1	
130	2.5	1.7	2.5	
166	36.3	25.7	38.5	





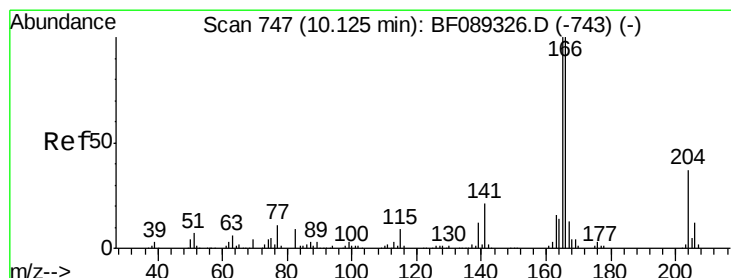
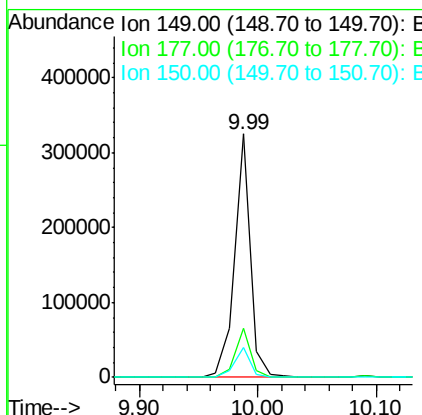
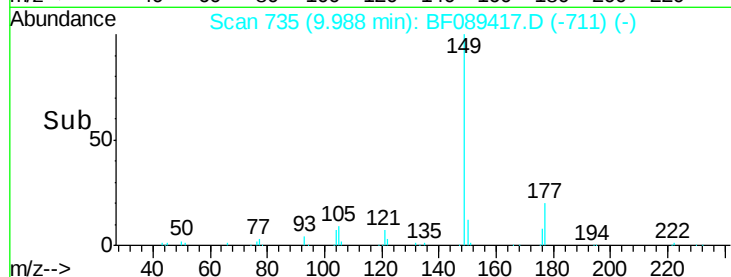
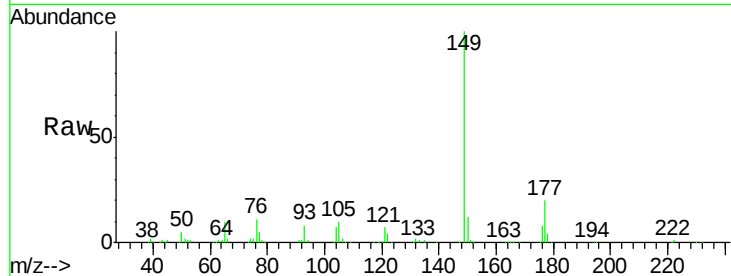
#59
Diethylphthalate
Concen: 52.19 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.1	15.1	22.7
150	12.1	10.2	15.4

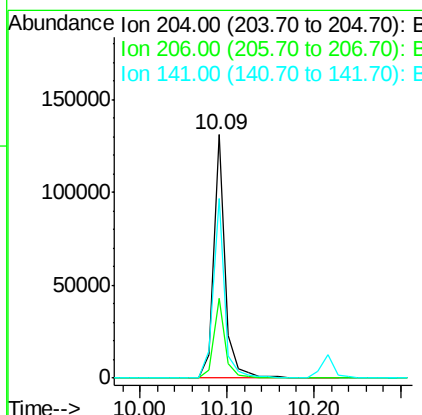
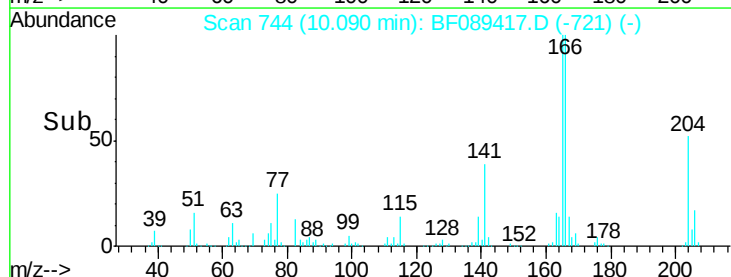
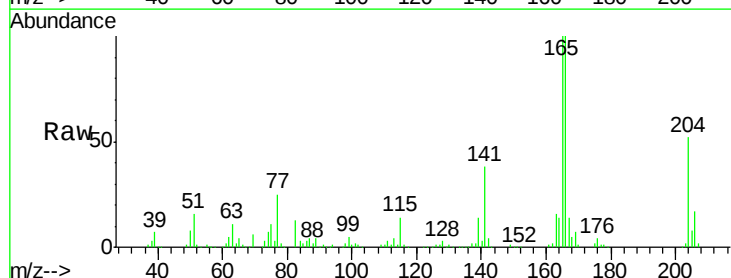
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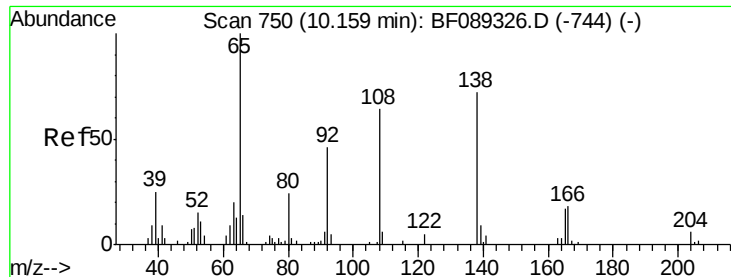
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#60
4-Chlorophenyl-phenylether
Concen: 50.82 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.8	26.6	39.8
141	73.5	46.6	70.0#





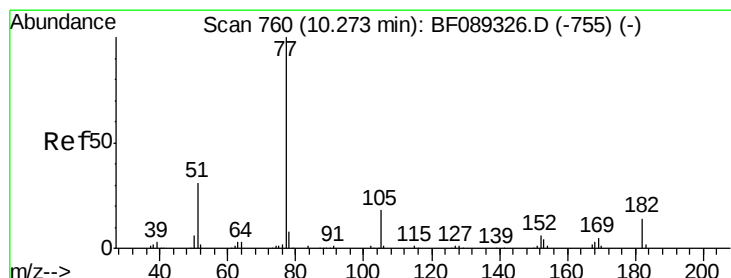
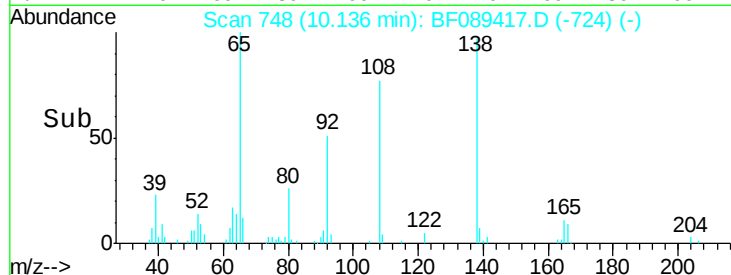
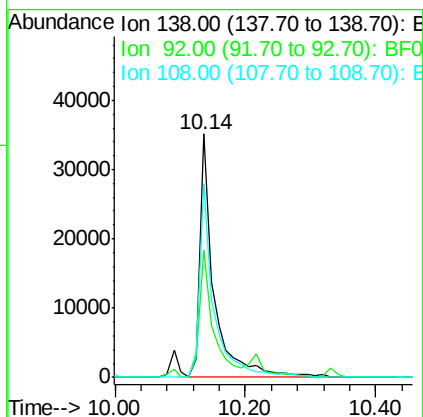
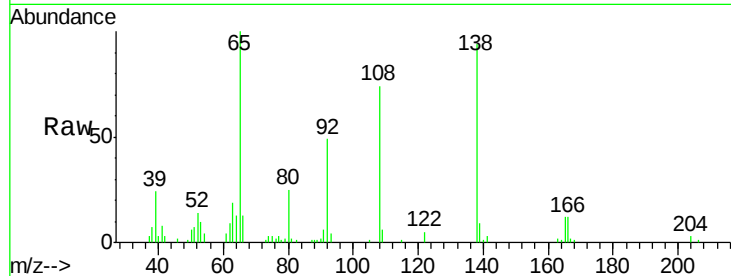
#61
4-Nitroaniline
Concen: 40.94 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion: 138 Resp: 52238
Ion Ratio Lower Upper
138 100
92 52.2 41.2 81.2
108 79.5 69.6 109.6

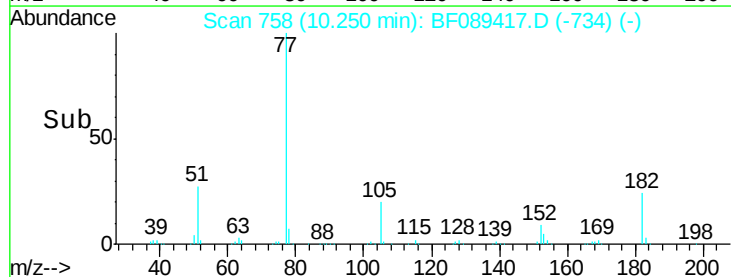
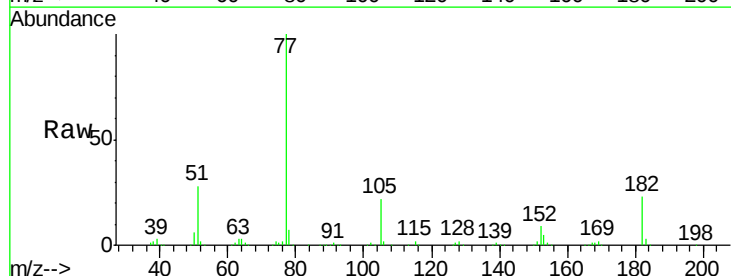
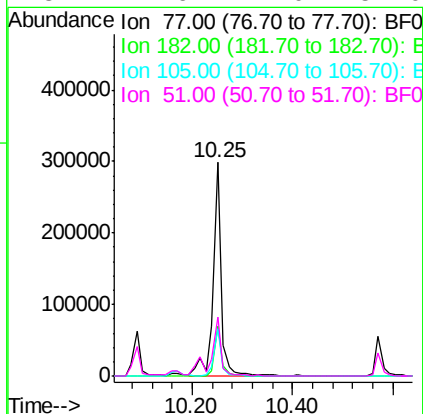
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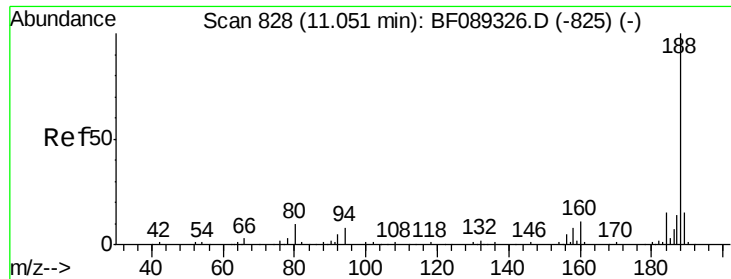
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#62
Azobenzene
Concen: 55.99 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion: 77 Resp: 333704
Ion Ratio Lower Upper
77 100
182 23.3 0.0 33.8
105 22.2 0.0 39.8
51 27.6 11.0 51.0





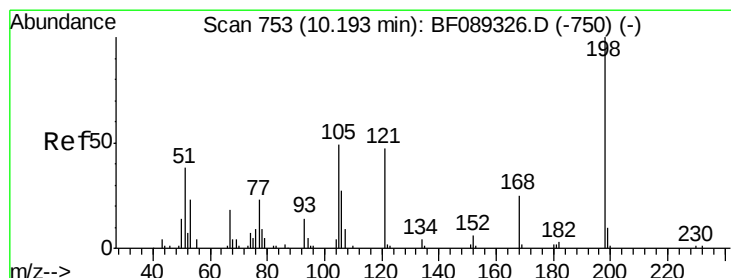
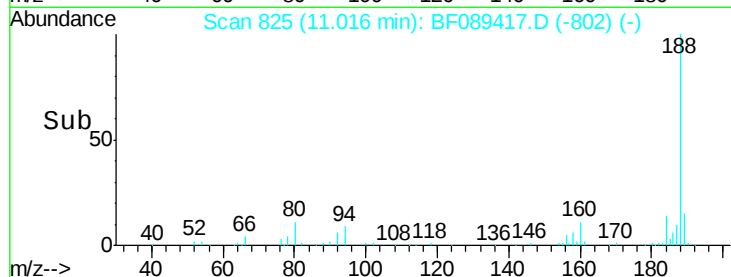
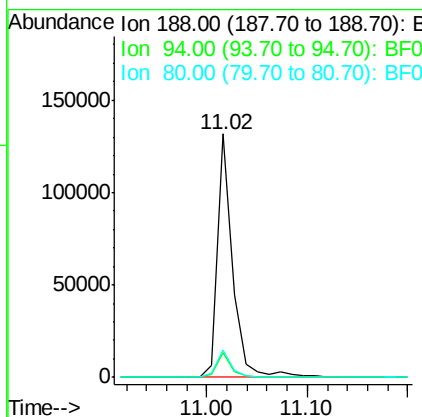
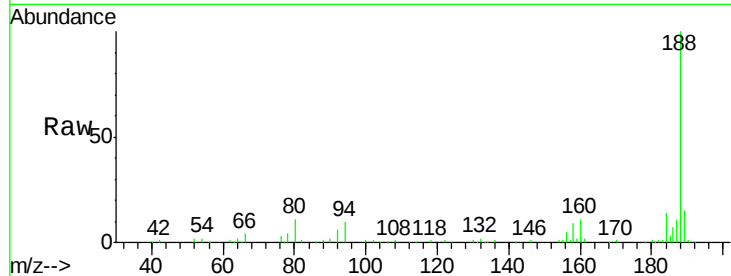
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	137822		
94	10.3	6.5	9.7#	
80	11.4	7.2	10.8#	

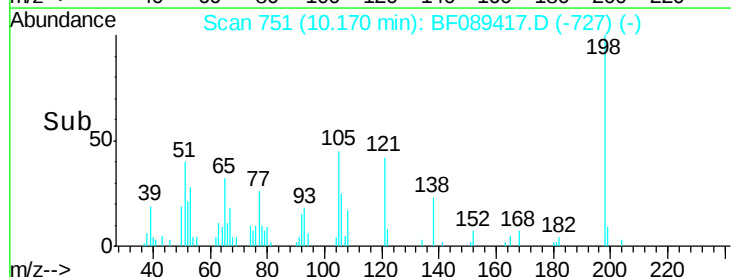
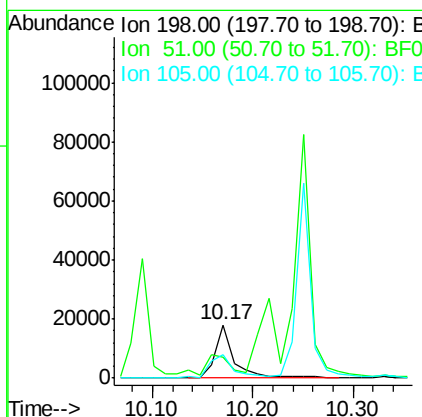
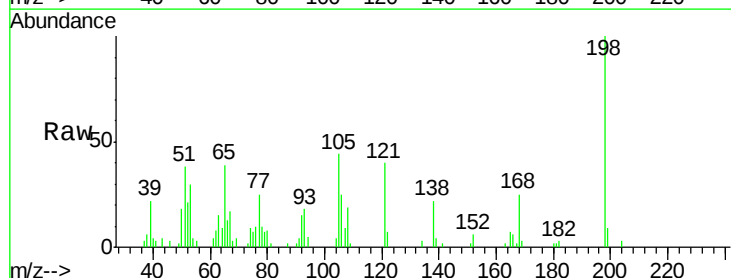
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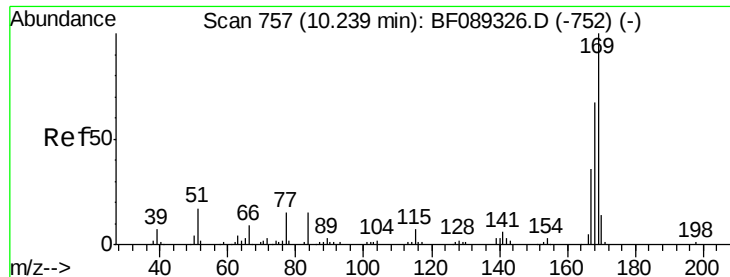
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.10 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	23563		
51	38.3	23.0	63.0	
105	43.6	28.3	68.3	





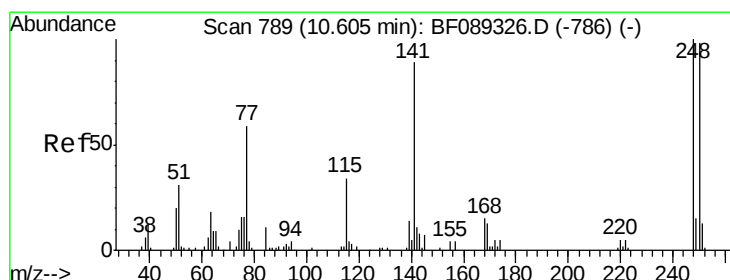
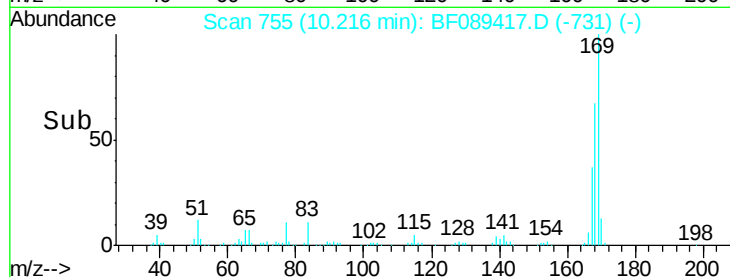
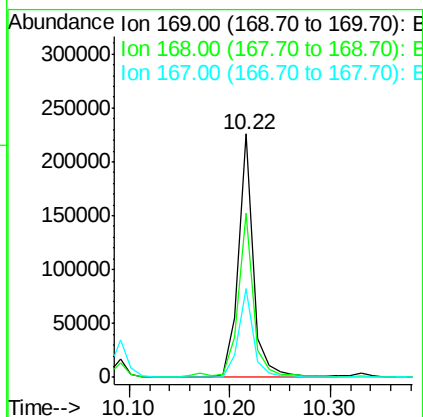
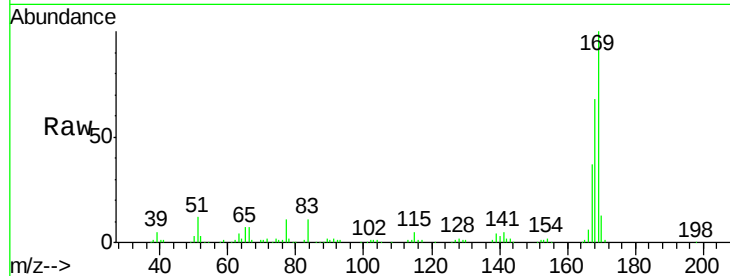
#65
n-Nitrosodiphenylamine
Concen: 54.84 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	235847		
168	67.7	55.4	83.0	
167	36.7	29.7	44.5	

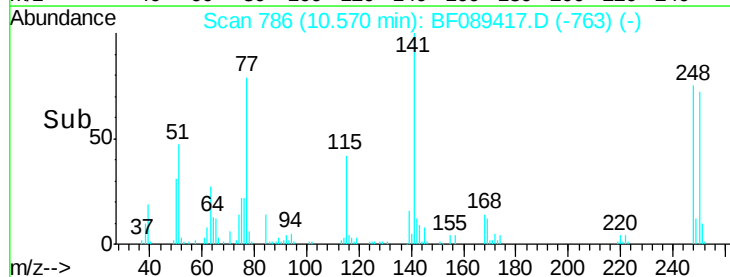
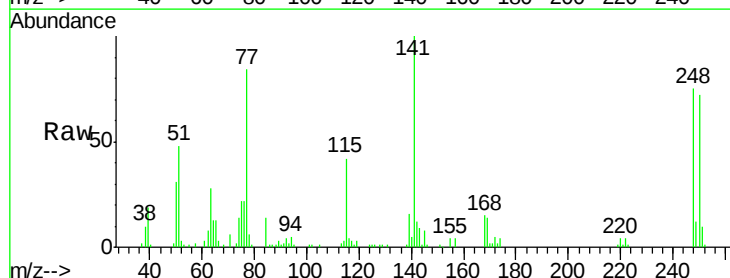
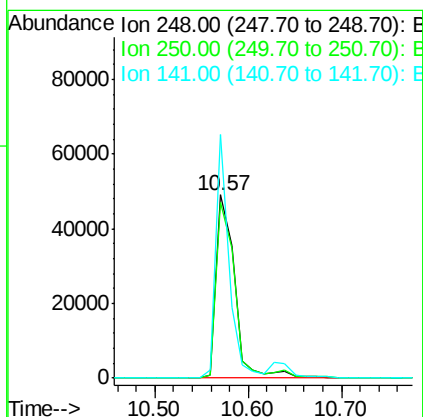
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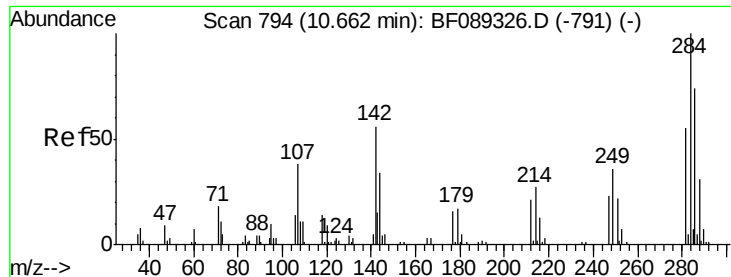
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#66
4-Bromophenyl-phenylether
Concen: 51.08 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	67211		
250	96.0	78.2	117.2	
141	132.9	62.0	93.0	





#67

Hexachlorobenzene

Concen: 51.22 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

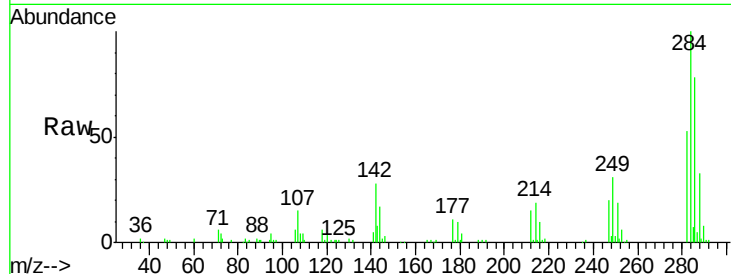
ClientSampleId :

PB92476BS

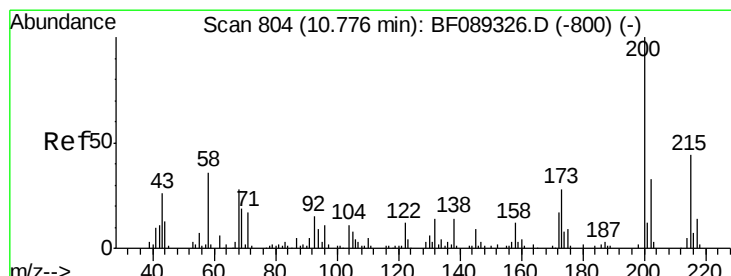
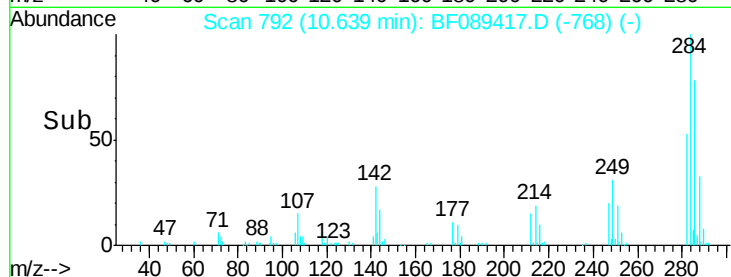
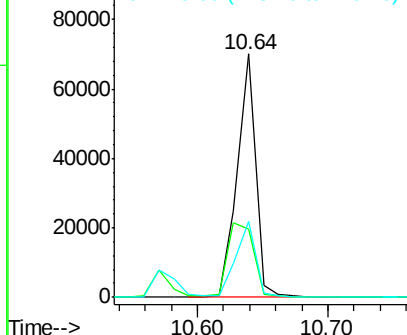
Tgt Ion:	284	Resp:	69070
Ion Ratio	Lower	Upper	
284	100		
142	28.2	42.2	63.4#
249	31.3	29.4	44.0

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



#68

Atrazine

Concen: 47.48 ng

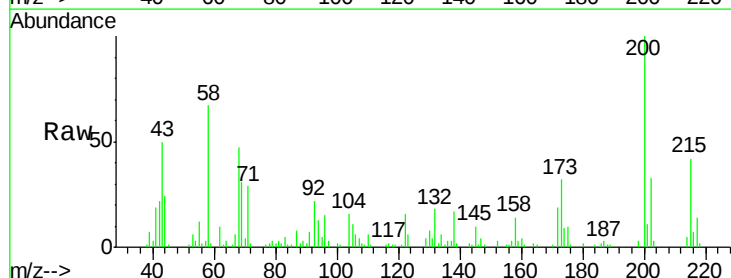
RT: 10.74 min Scan# 801

Delta R.T. -0.03 min

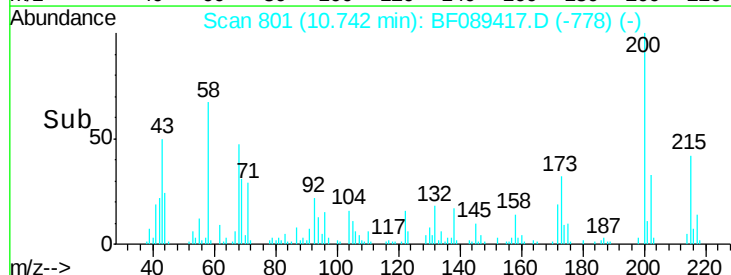
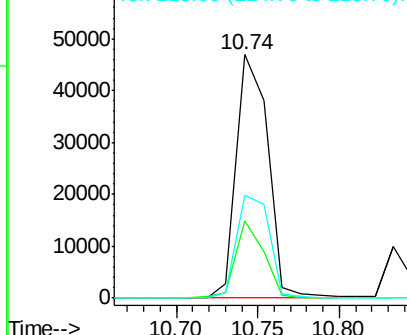
Lab File: BF089417.D

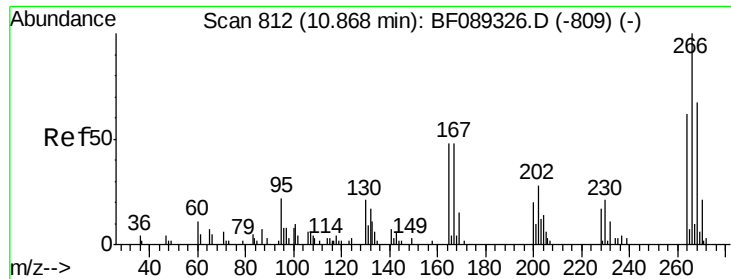
Acq: 29 Jul 2016 19:04

Tgt Ion:	200	Resp:	62729
Ion Ratio	Lower	Upper	
200	100		
173	31.5	6.0	46.0
215	42.3	24.3	64.3



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





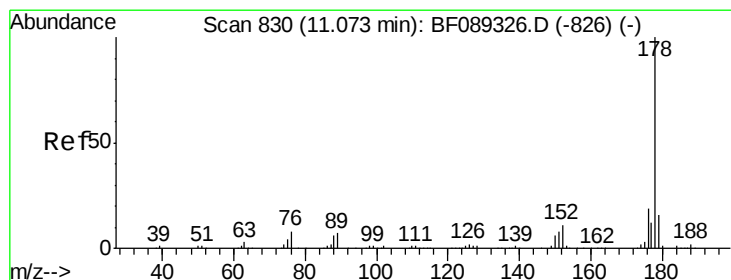
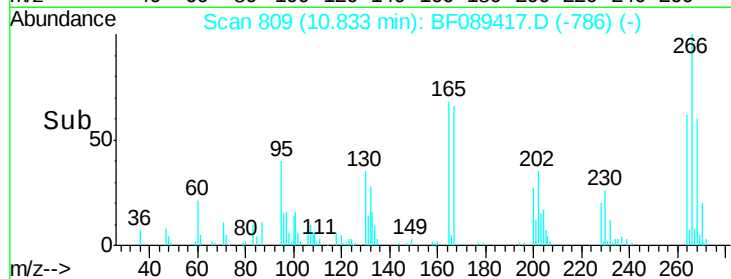
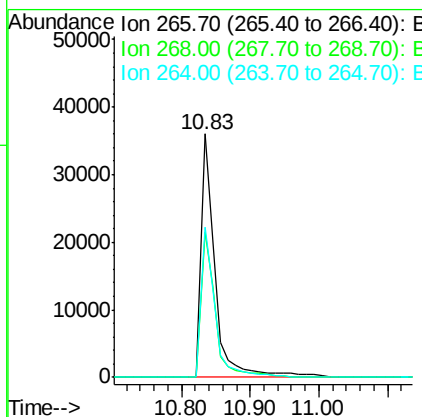
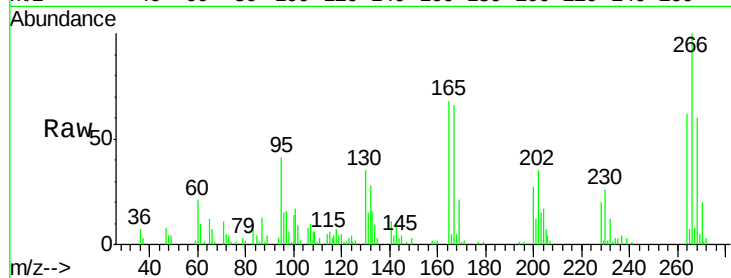
#69
 Pentachlorophenol
 Concen: 76.76 ng
 RT: 10.83 min Scan# 809
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleID :
 PB92476BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	49978		
268	59.8		49.4	74.2
264	61.8		50.2	75.2

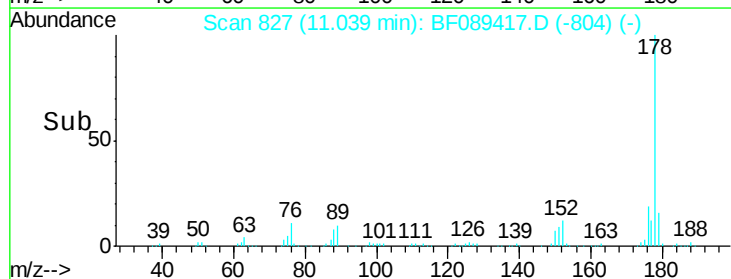
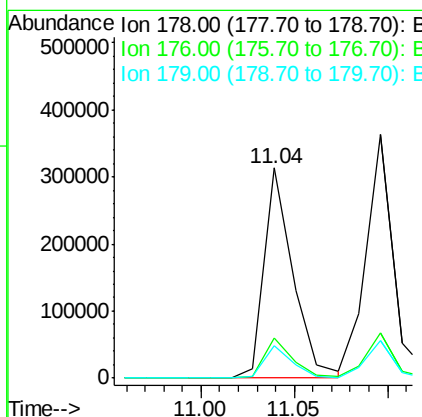
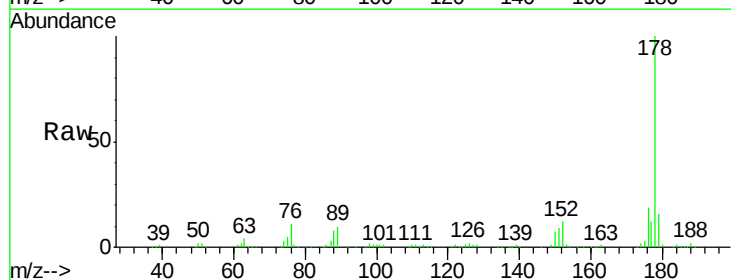
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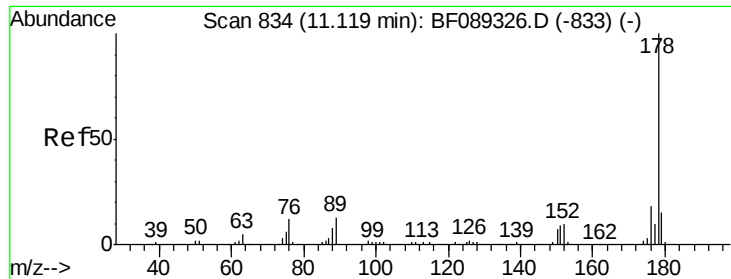
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#70
 Phenanthrene
 Concen: 47.19 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	335446		
176	19.4		15.5	23.3
179	15.6		12.3	18.5





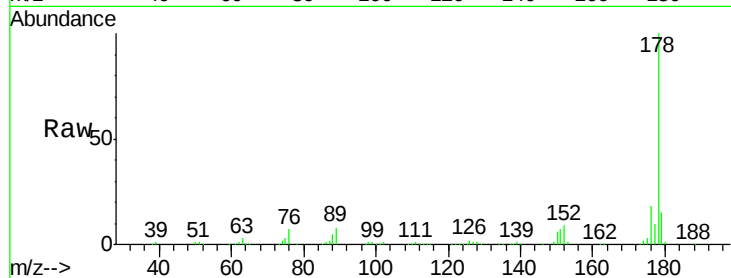
#71
 Anthracene
 Concen: 48.95 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

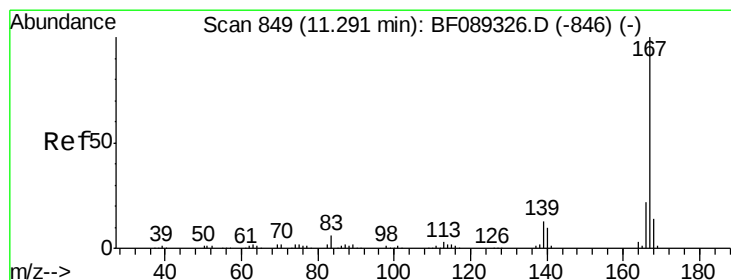
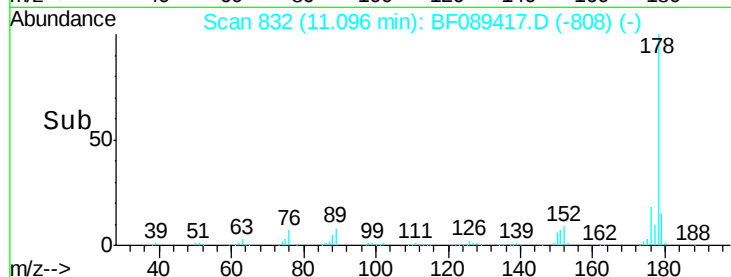
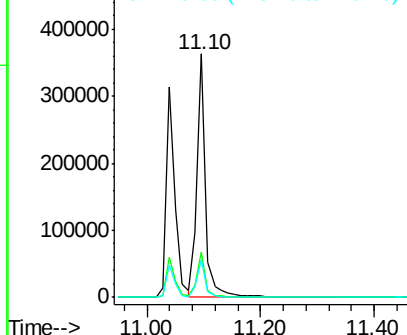
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.4	12.6	18.8

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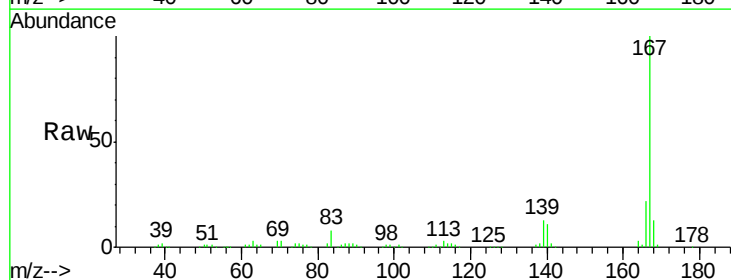


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

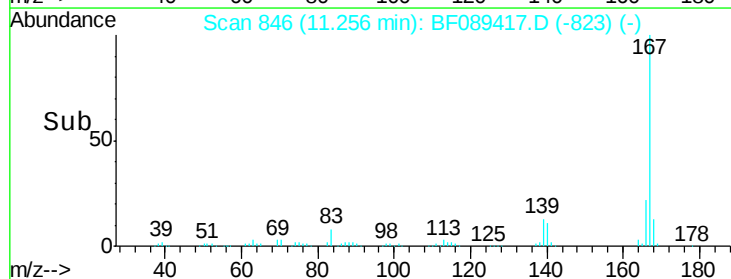
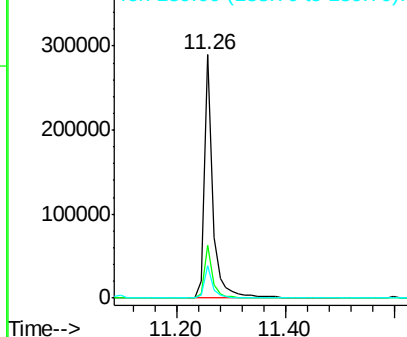


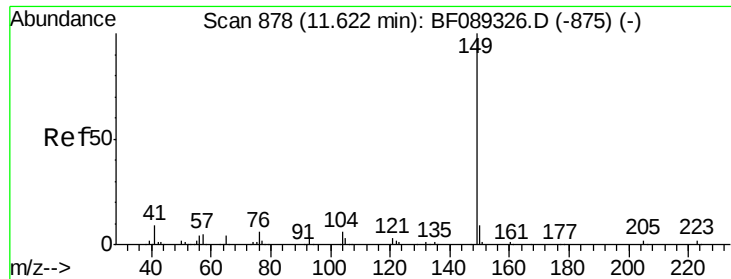
#72
 Carbazole
 Concen: 46.70 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.5	10.1	15.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.39 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

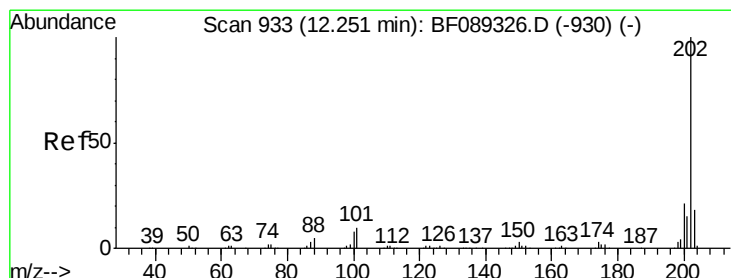
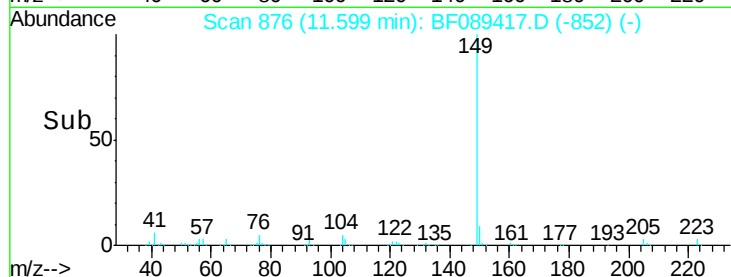
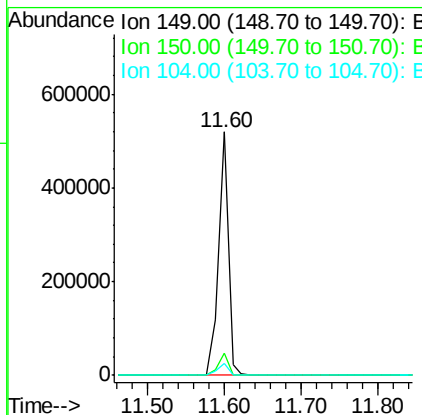
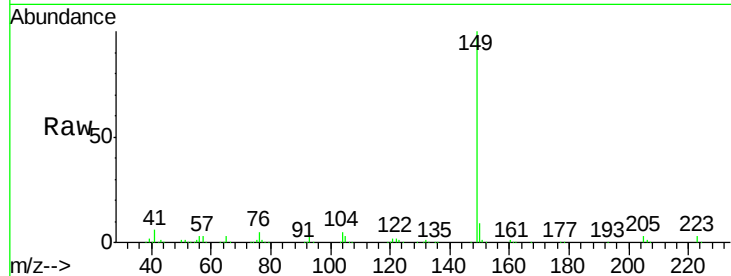
ClientSampleId :

PB92476BS

Tgt Ion:	149	Resp:	458692
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.4	11.0
104	5.1	4.7	7.1

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#74

Fluoranthene

Concen: 41.18 ng

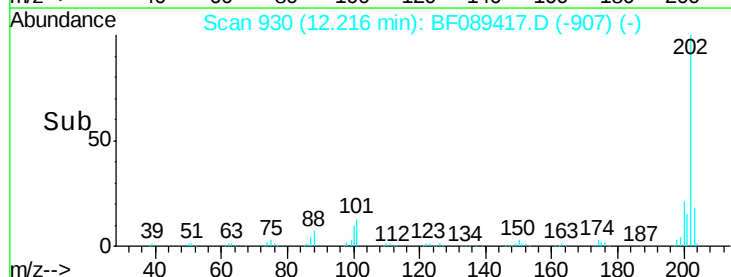
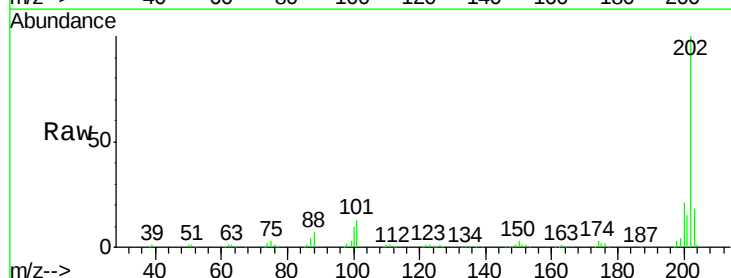
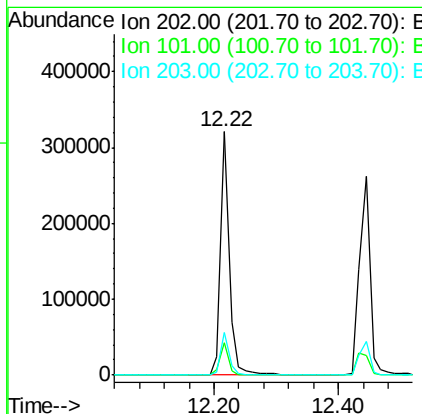
RT: 12.22 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion:	202	Resp:	307894
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	29.9
203	17.6	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

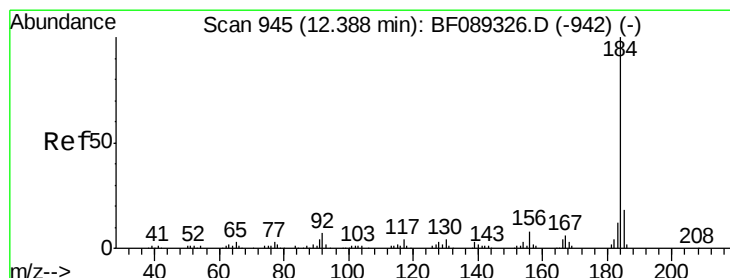
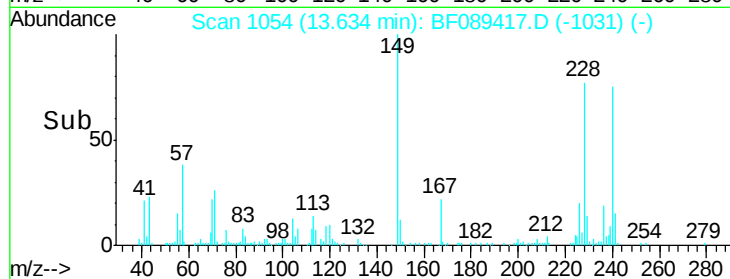
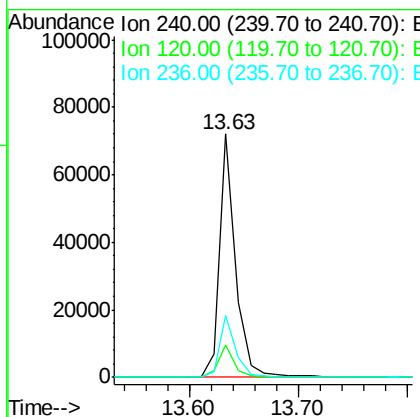
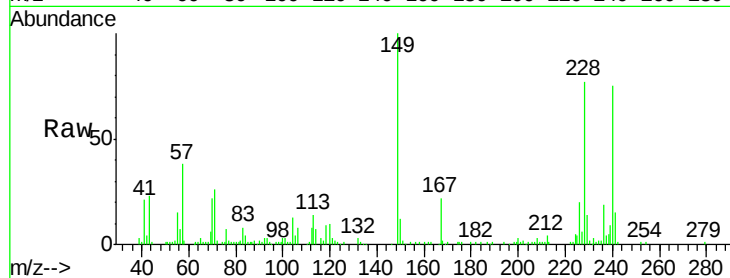
ClientSampleId :

PB92476BS

Tgt Ion:	240	Resp:	74320
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.1	13.7
236	25.7	20.6	30.8

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#76

Benzidine

Concen: 22.92 ng

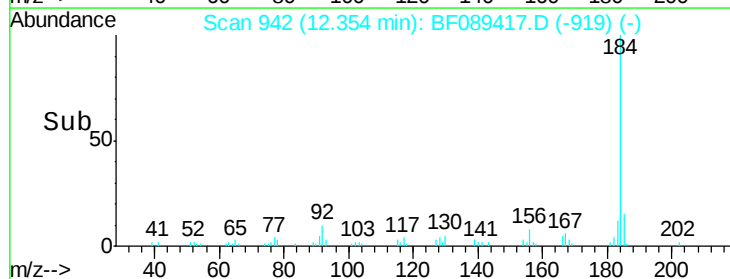
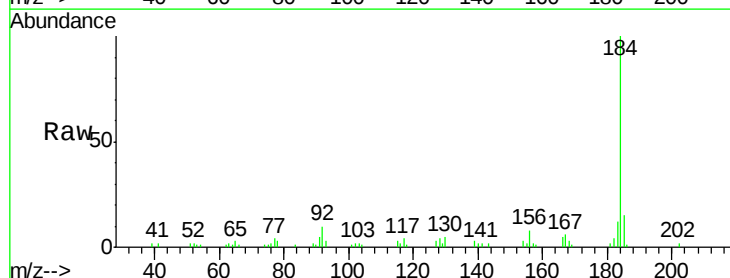
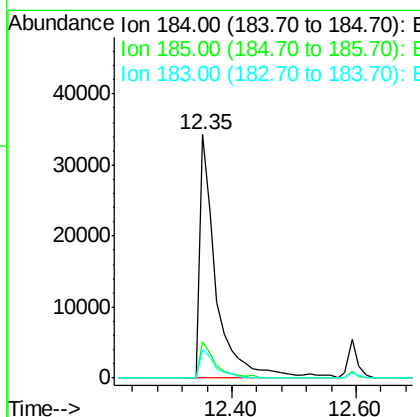
RT: 12.35 min Scan# 942

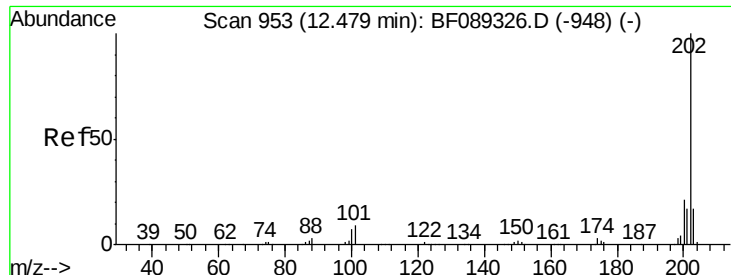
Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion:	184	Resp:	62947
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.5	20.3
183	11.9	9.8	14.6





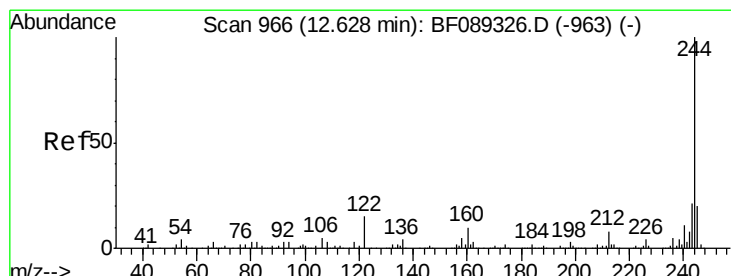
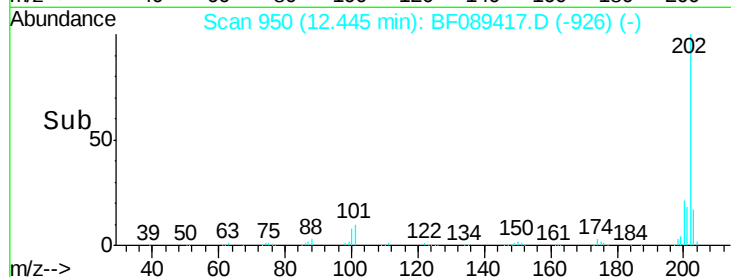
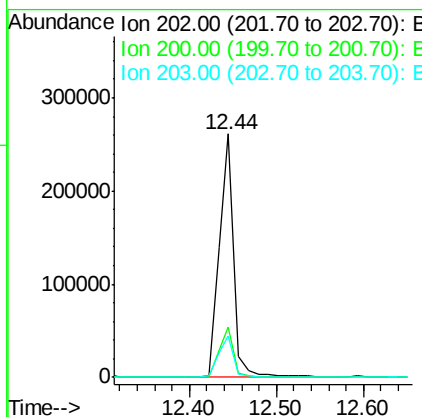
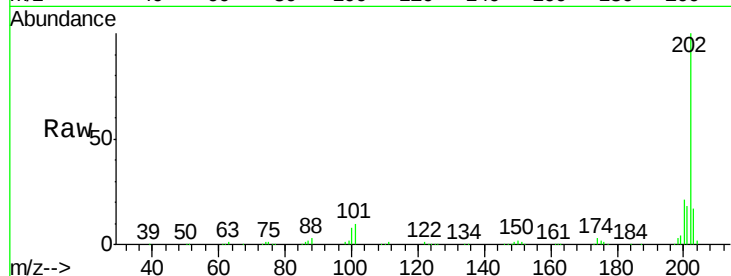
#77
 Pyrene
 Concen: 53.76 ng
 RT: 12.44 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	302791		
200	20.9	16.9	25.3	
203	17.2	14.0	21.0	

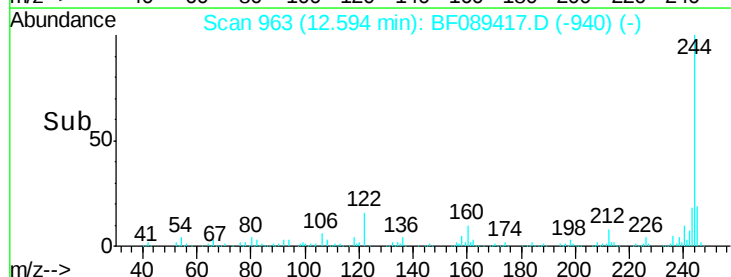
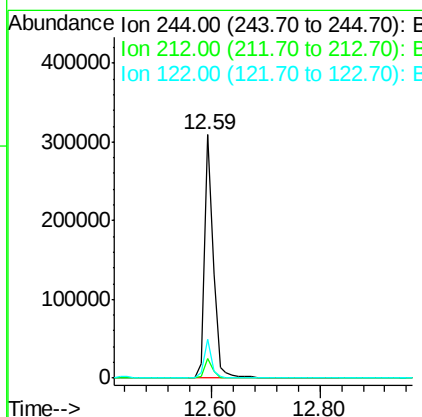
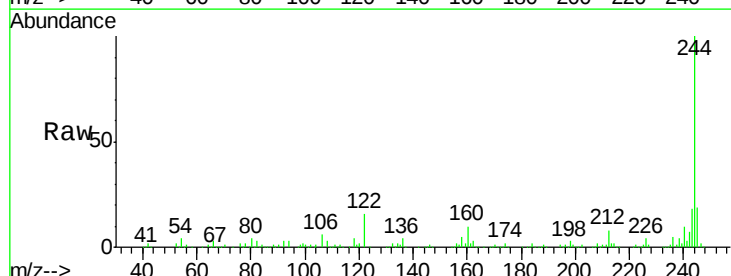
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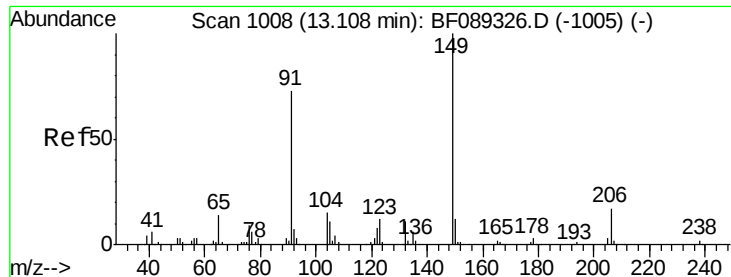
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#78
 Terphenyl-d14
 Concen: 107.58 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	341621		
212	8.0	6.5	9.7	
122	16.0	11.4	17.0	





#79

Butylbenzylphthalate

Concen: 52.34 ng

RT: 13.07 min Scan# 1005

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

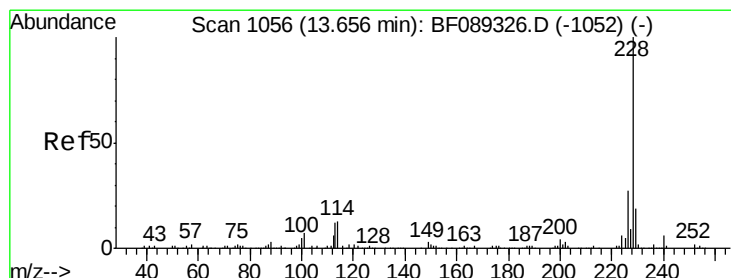
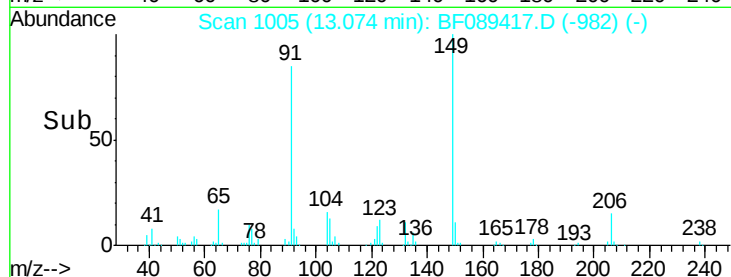
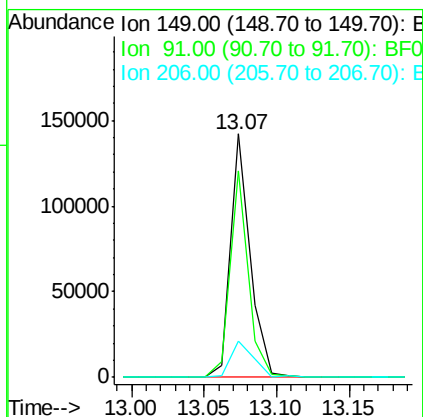
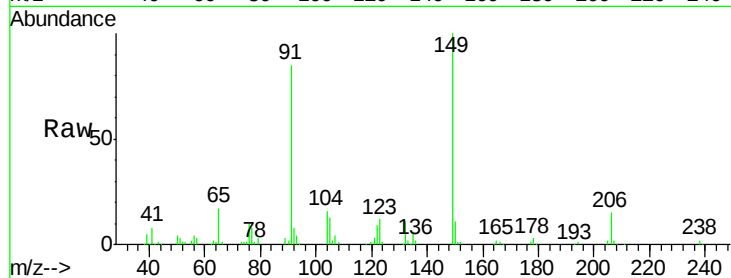
ClientSampleId :

PB92476BS

Tgt Ion:	149	Resp:	134022
Ion Ratio	Lower	Upper	
149	100		
91	84.8	58.5	87.7
206	15.0	13.8	20.8

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#80

Benzo(a)anthracene

Concen: 48.89 ng

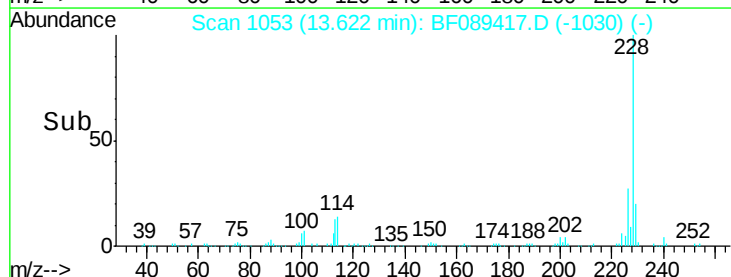
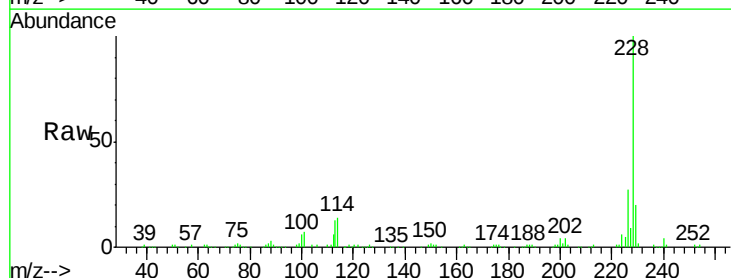
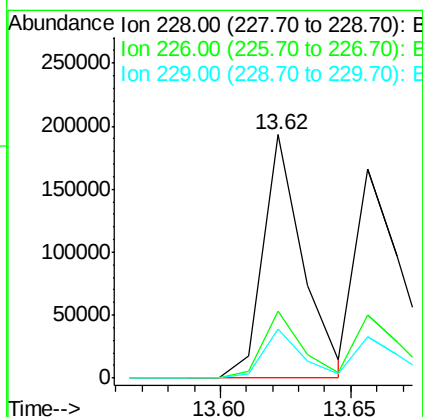
RT: 13.62 min Scan# 1053

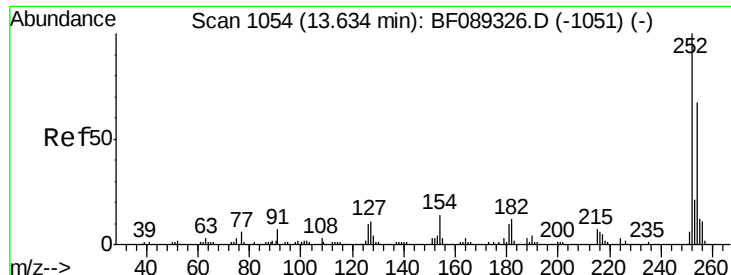
Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion:	228	Resp:	205062
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.4	32.2
229	19.9	15.9	23.9





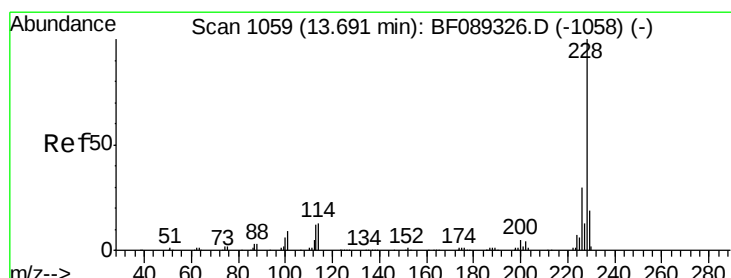
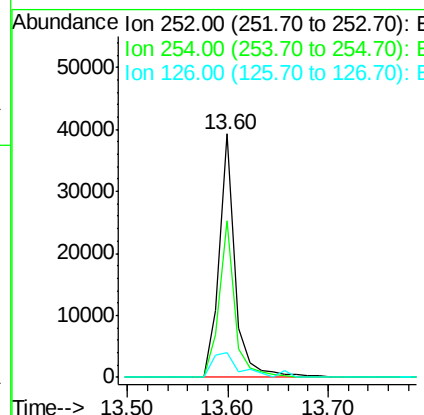
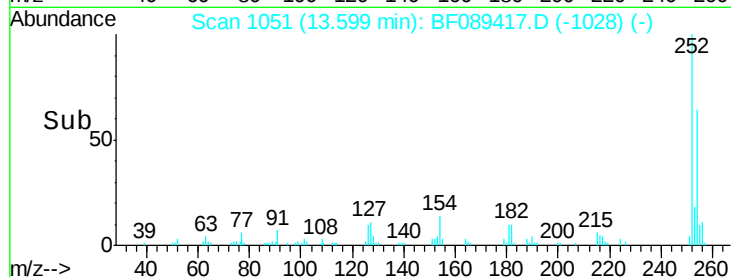
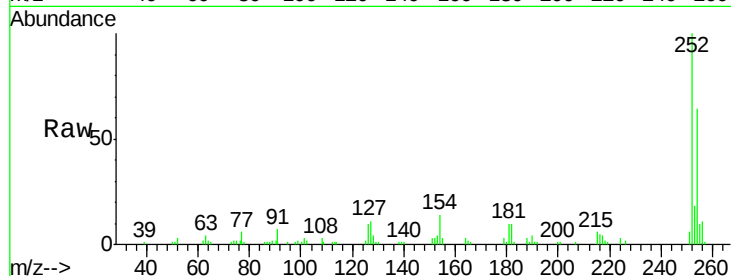
#81
 3,3'-Dichlorobenzidine
 Concen: 29.05 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.5	78.7
126	10.2	7.4	11.2

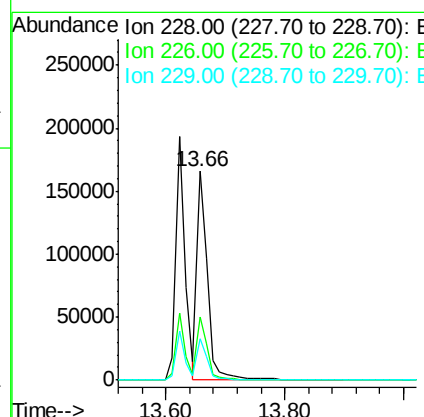
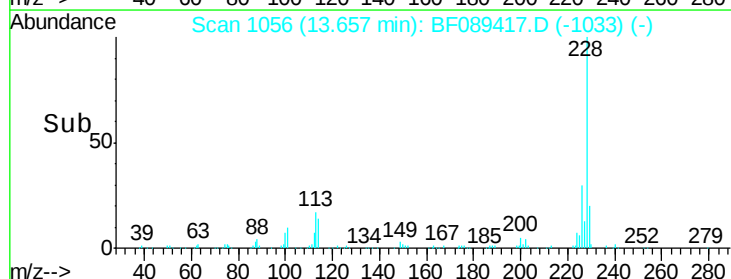
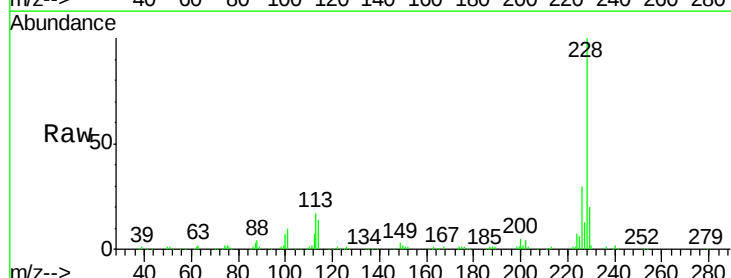
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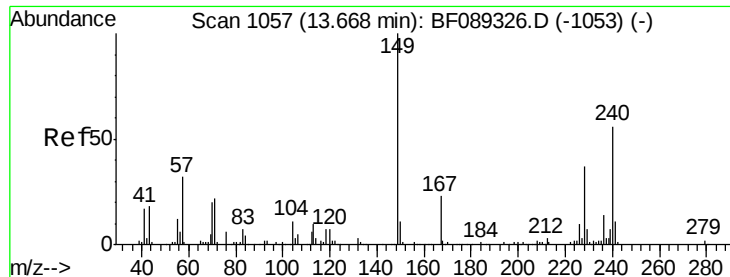
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#82
 Chrysene
 Concen: 46.90 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.8	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.25 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

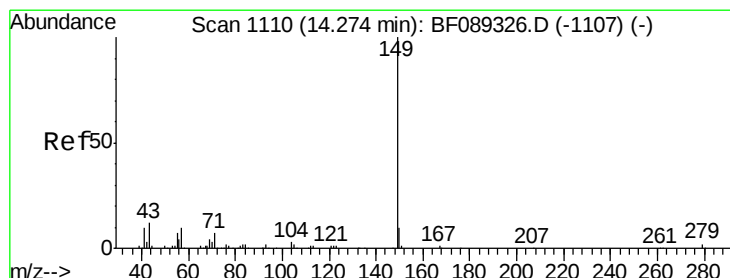
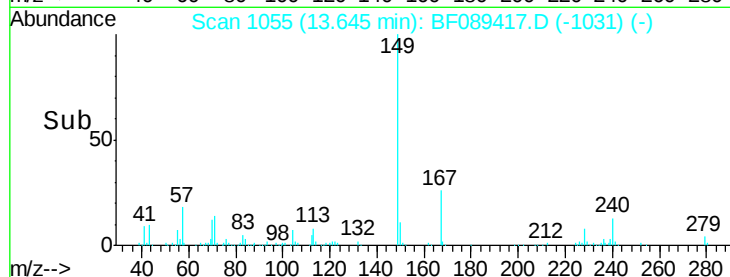
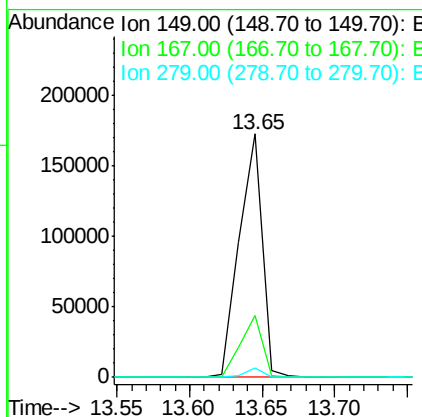
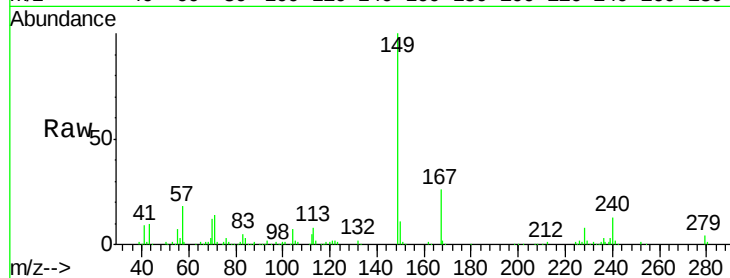
ClientSampleId :

PB92476BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	189734		
167	25.7	18.8	28.2	
279	3.8	1.4	2.0	

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#84

Di-n-octyl phthalate

Concen: 50.00 ng

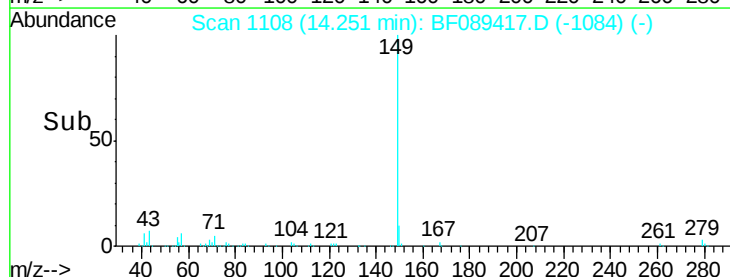
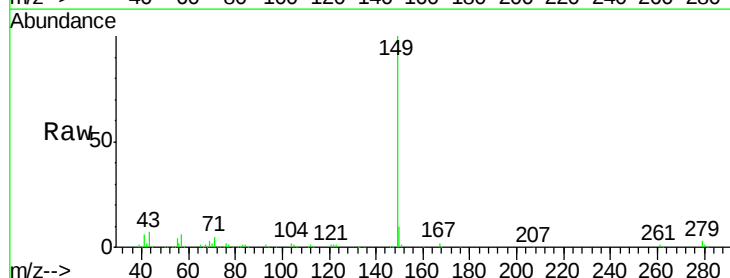
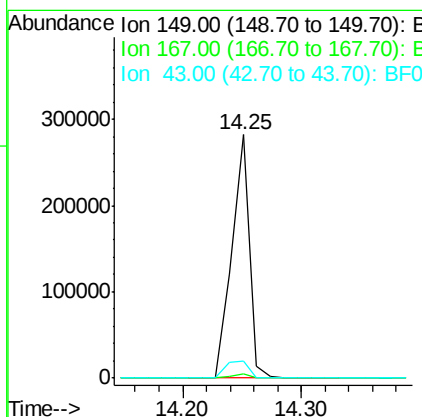
RT: 14.25 min Scan# 1108

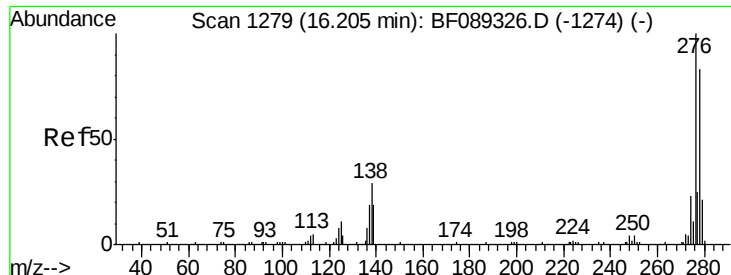
Delta R.T. -0.02 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	288794		
167	1.4	1.1	1.7	
43	9.5	7.3	10.9	





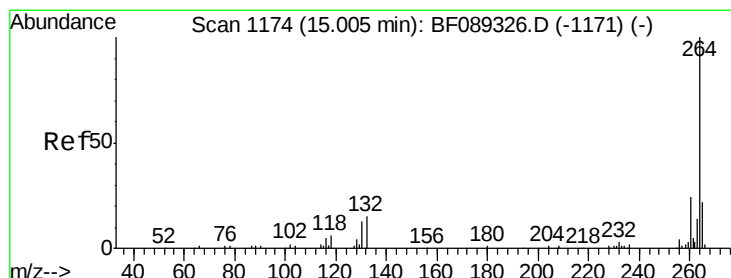
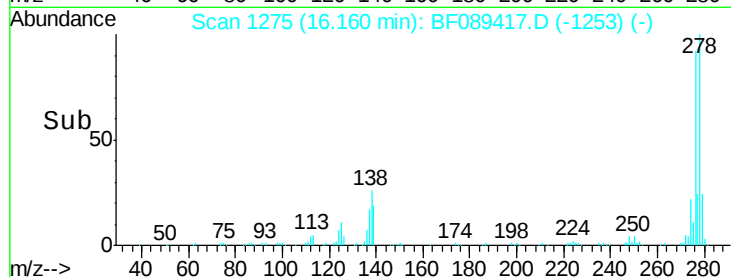
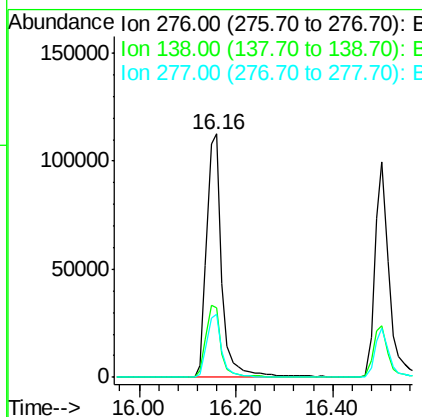
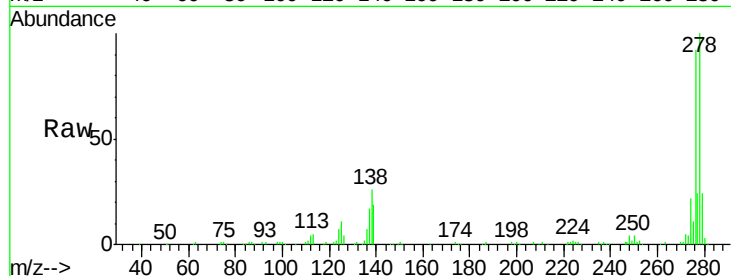
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 79.26 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. -0.05 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 PB92476BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	251578		
138	29.8	23.0	34.4	
277	25.5	20.2	30.4	

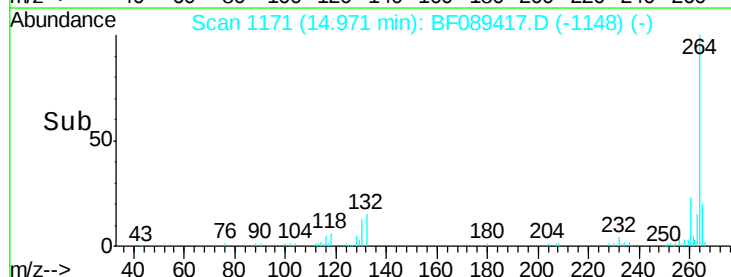
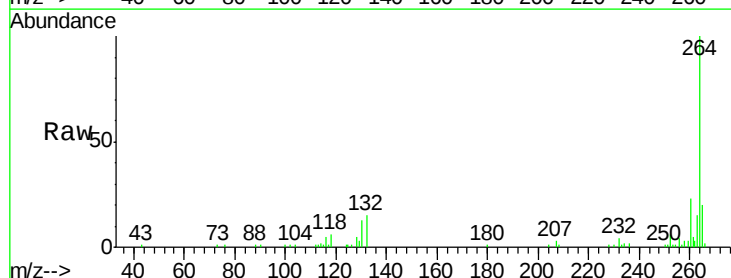
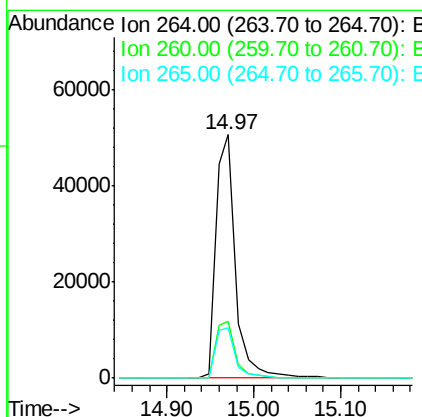
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BF089417.D
 Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	80304		
260	23.5	19.0	28.4	
265	20.4	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 41.50 ng m

RT: 14.62 min Scan# 1140

Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

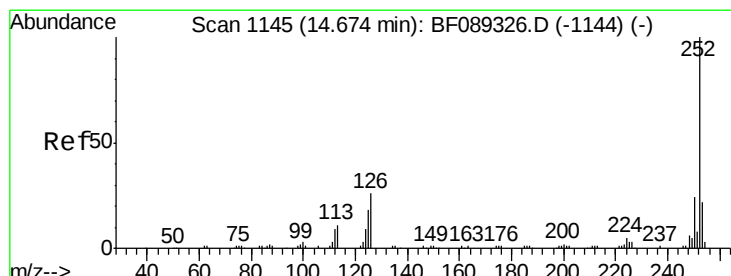
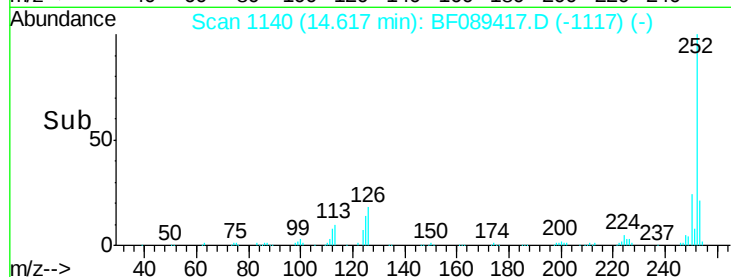
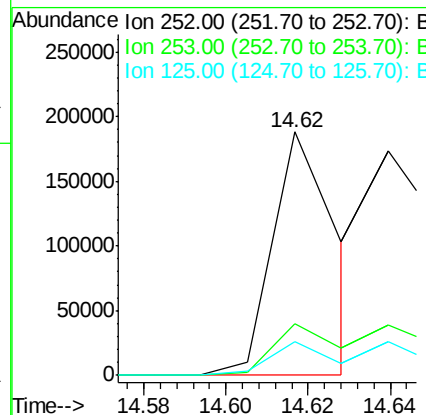
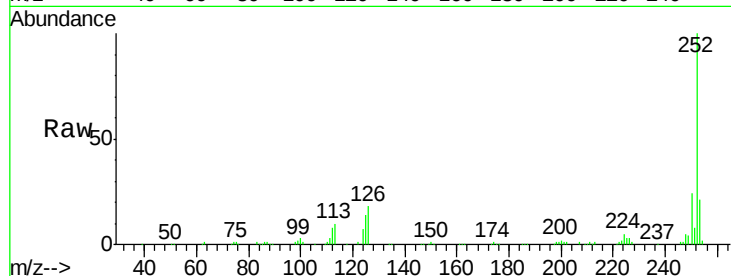
ClientSampleId :

PB92476BS

Tgt Ion:	252	Resp:	206961
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.2	25.8
125	14.0	9.7	14.5

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#88

Benzo(k)fluoranthene

Concen: 50.68 ng m

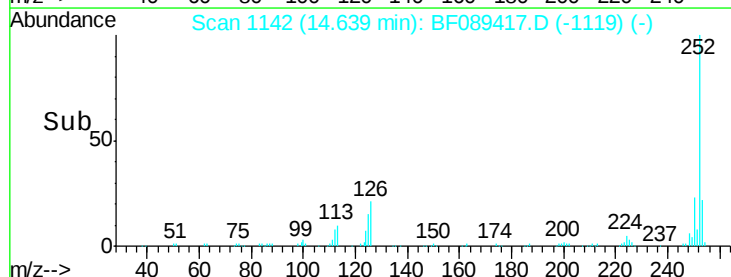
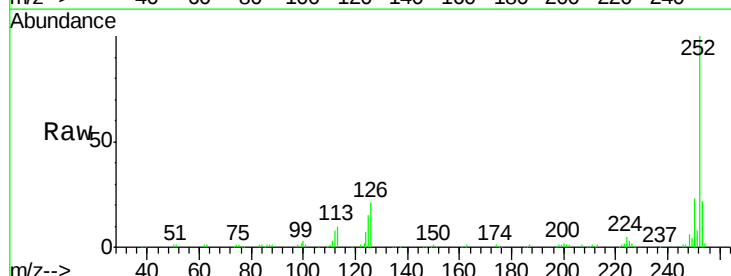
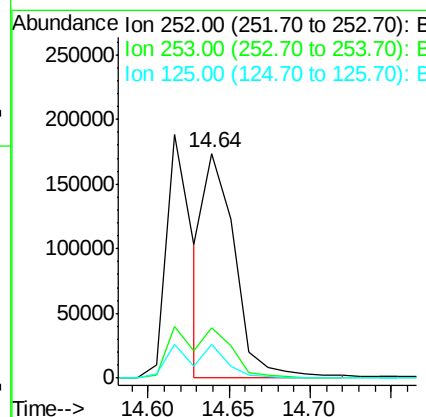
RT: 14.64 min Scan# 1142

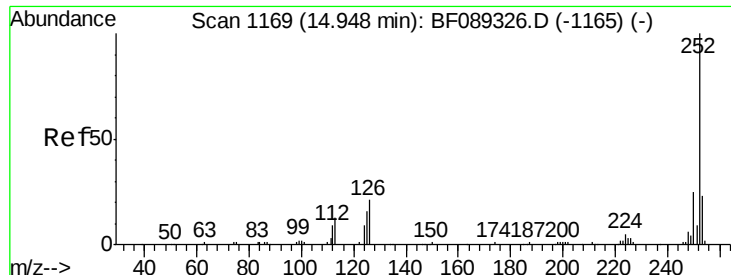
Delta R.T. -0.03 min

Lab File: BF089417.D

Acq: 29 Jul 2016 19:04

Tgt Ion:	252	Resp:	232351
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	15.3	10.7	16.1





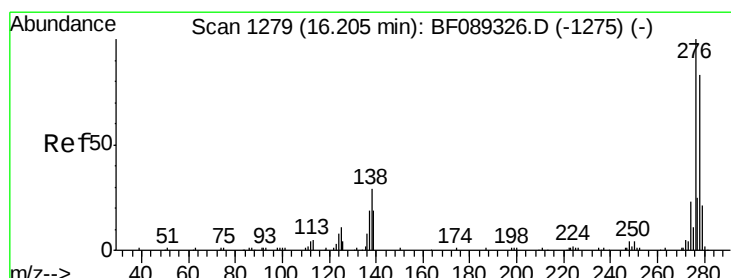
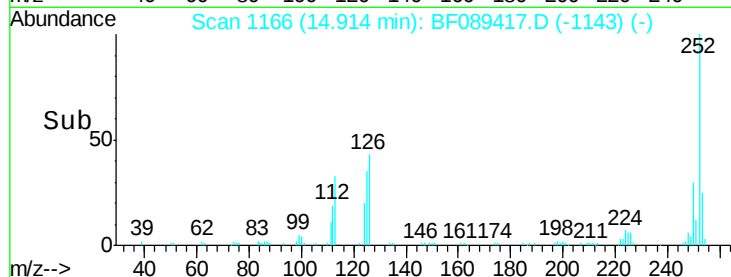
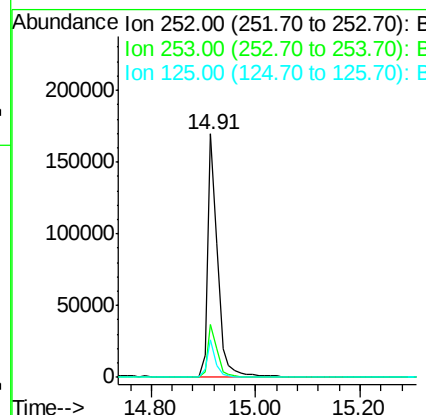
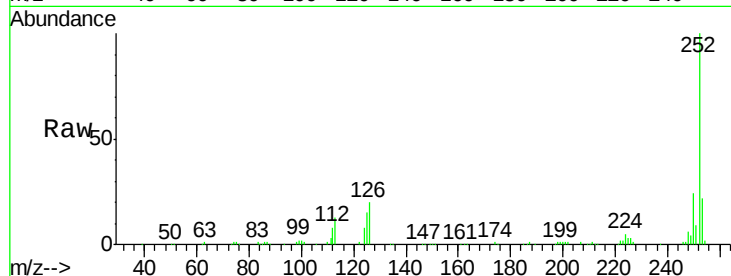
#89
Benzo(a)pyrene
Concen: 49.01 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Instrument :
BNA_F
ClientSampleId :
PB92476BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	15.4	12.4	18.6

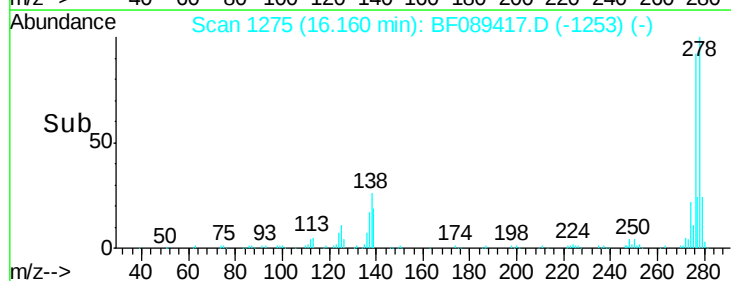
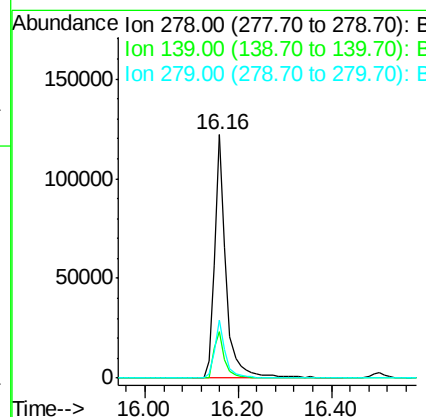
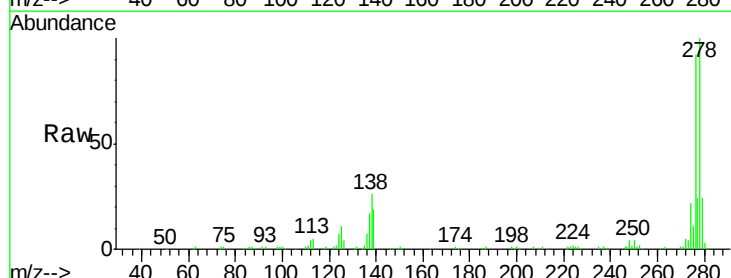
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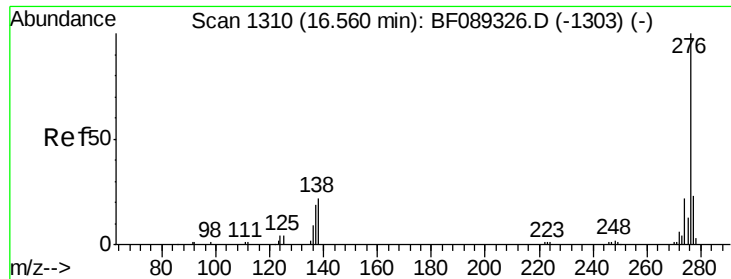
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#90
Dibenzo(a,h)anthracene
Concen: 60.30 ng
RT: 16.16 min Scan# 1275
Delta R.T. -0.05 min
Lab File: BF089417.D
Acq: 29 Jul 2016 19:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.3	24.5
279	23.9	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 59.10 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.05 min

Lab File: BF089417.D

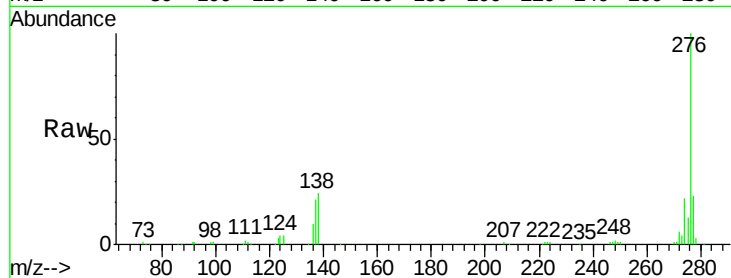
Acq: 29 Jul 2016 19:04

Instrument :

BNA_F

ClientSampleId :

PB92476BS



Tgt Ion: 276 Resp: 204736

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 23.8 21.4 32.0

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