

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089201.D
 Acq On : 22 Jul 2016 19:13
 Operator : UM/SJ
 Sample : PB92343BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BS

Manual Integrations
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 7/25/2016 6:41:28 PM

Quant Time: Jul 25 10:58:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	48572	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	204387	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	97766	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	188157	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	134951	20.00	ng	-0.01
86) Perylene-d12	15.05	264	104946	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	414283	129.72	ng	-0.01
7) Phenol-d6	6.25	99	532215	129.23	ng	-0.02
23) Nitrobenzene-d5	7.15	82	334039	86.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	123196	139.96	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	616790	86.92	ng	-0.02
78) Terphenyl-d14	12.67	244	582715	93.66	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.08	88	43399	31.30	ng	# 87
3) Pyridine	2.70	79	110813	31.46	ng	98
4) n-Nitrosodimethylamine	2.67	42	52137	35.16	ng	99
6) Aniline	6.25	93	147646	26.53	ng	# 64
8) 2-Chlorophenol	6.36	128	150075	42.35	ng	# 81
9) Benzaldehyde	6.12	77	31024	11.96	ng	97
10) Phenol	6.26	94	196094	41.33	ng	97
11) bis(2-Chloroethyl)ether	6.33	93	154612	43.39	ng	95
12) 1,3-Dichlorobenzene	6.52	146	139188m	35.57	ng	
13) 1,4-Dichlorobenzene	6.59	146	152751	38.76	ng	99
14) 1,2-Dichlorobenzene	6.75	146	153218	41.23	ng	98
15) Benzyl Alcohol	6.74	79	131437	43.58	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	167929	41.36	ng	# 56
17) 2-Methylphenol	6.87	107	118986	42.62	ng	98
18) Hexachloroethane	7.08	117	58885	39.75	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	111863	41.53	ng	99
20) 3+4-Methylphenols	7.03	107	158431	41.80	ng	94
22) Acetophenone	7.00	105	224434	41.12	ng	# 99
24) Nitrobenzene	7.18	77	164603	40.57	ng	98
25) Isophorone	7.42	82	304232	42.91	ng	99
26) 2-Nitrophenol	7.50	139	79244	41.88	ng	# 77
27) 2,4-Dimethylphenol	7.54	122	130143	40.82	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	189864	42.82	ng	99
29) 2,4-Dichlorophenol	7.74	162	124332	43.28	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	132410	41.63	ng	97
31) Naphthalene	7.88	128	409714m	37.14	ng	
32) Benzoic acid	7.70	122	87070	35.51	ng	94
33) 4-Chloroaniline	7.95	127	106932	23.05	ng	96
34) Hexachlorobutadiene	8.01	225	67427	38.09	ng	99
35) Caprolactam	8.33	113	36691m	41.12	ng	
36) 4-Chloro-3-methylphenol	8.46	107	147670	42.66	ng	# 87
37) 2-Methylnaphthalene	8.58	142	297480	42.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	122998	33.85	ng	99
40) Hexachlorocyclopentadiene	8.73	237	102005	83.44	ng	100

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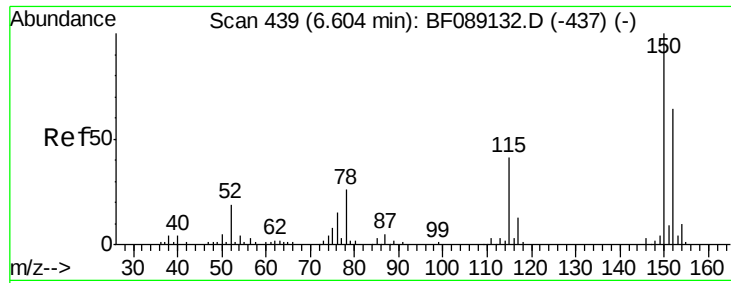
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	83858	41.23	ng	97
43) 2,4,5-Trichlorophenol	8.91	196	97503	47.76	ng #	91
45) 1,1'-Biphenyl	9.05	154	362563	41.18	ng	95
46) 2-Chloronaphthalene	9.06	162	274861	41.08	ng	99
47) 2-Nitroaniline	9.18	65	94813	41.31	ng #	79
48) Acenaphthylene	9.47	152	435112	41.37	ng	100
49) Dimethylphthalate	9.36	163	328132	43.74	ng	98
50) 2,6-Dinitrotoluene	9.42	165	72263	42.66	ng #	67
51) Acenaphthene	9.64	154	248799	39.98	ng	99
52) 3-Nitroaniline	9.59	138	54730	27.21	ng	83
53) 2,4-Dinitrophenol	9.70	184	67624	78.47	ng	91
54) Dibenzofuran	9.83	168	386765	46.00	ng	94
55) 4-Nitrophenol	9.78	139	82937	68.15	ng	93
56) 2,4-Dinitrotoluene	9.83	165	101233	46.40	ng #	76
57) Fluorene	10.16	166	296603	41.56	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	70122	47.82	ng	98
59) Diethylphthalate	10.06	149	353076	47.46	ng	99
60) 4-Chlorophenyl-phenylether	10.16	204	144343	44.30	ng #	80
61) 4-Nitroaniline	10.20	138	80901	41.34	ng	97
62) Azobenzene	10.32	77	394389	48.78	ng	92
64) 4,6-Dinitro-2-methylphenol	10.23	198	47814	43.65	ng #	27
65) n-Nitrosodiphenylamine	10.28	169	287597	45.73	ng	99
66) 4-Bromophenyl-phenylether	10.65	248	82812	44.47	ng #	80
67) Hexachlorobenzene	10.71	284	89338	44.61	ng #	83
68) Atrazine	10.82	200	84959	43.20	ng	94
69) Pentachlorophenol	10.90	266	83818	90.72	ng	97
70) Phenanthrene	11.12	178	447138	43.32	ng	99
71) Anthracene	11.16	178	480174	44.76	ng	99
72) Carbazole	11.32	167	426393	45.25	ng	99
73) Di-n-butylphthalate	11.67	149	563644	48.36	ng	99
74) Fluoranthene	12.30	202	477889	44.05	ng	92
76) Benzidine	12.42	184	175964	37.93	ng	98
77) Pyrene	12.51	202	450206	40.40	ng	99
79) Butylbenzylphthalate	13.15	149	228906	48.55	ng #	81
80) Benzo(a)anthracene	13.70	228	364020	42.35	ng	100
81) 3,3'-Dichlorobenzidine	13.67	252	86218	30.24	ng #	98
82) Chrysene	13.74	228	355826	43.34	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	305020	48.78	ng #	97
84) Di-n-octyl phthalate	14.32	149	469328	45.49	ng	98
85) Indeno(1,2,3-cd)pyrene	16.27	276	264617	44.38	ng	99
87) Benzo(b)fluoranthene	14.70	252	307723m	40.48	ng	
88) Benzo(k)fluoranthene	14.72	252	271854m	50.01	ng	
89) Benzo(a)pyrene	15.01	252	277262	46.99	ng #	94
90) Dibenzo(a,h)anthracene	16.29	278	218898	46.98	ng #	95
91) Benzo(g,h,i)perylene	16.64	276	213885	45.53	ng	98

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



#1

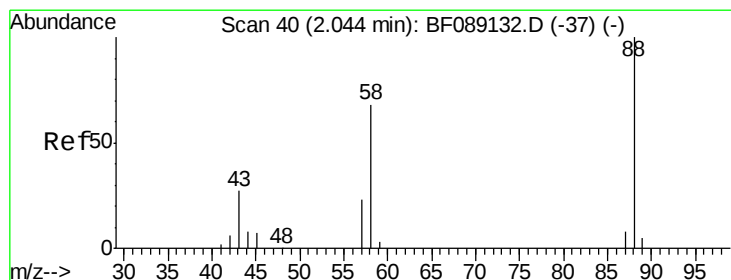
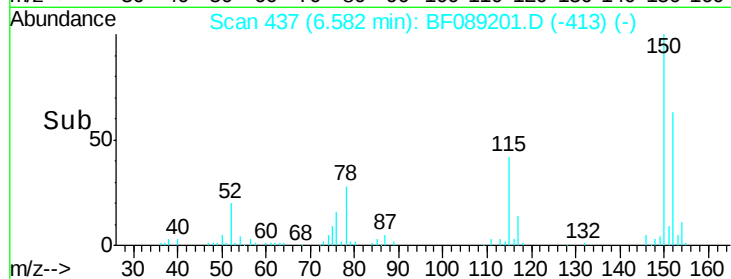
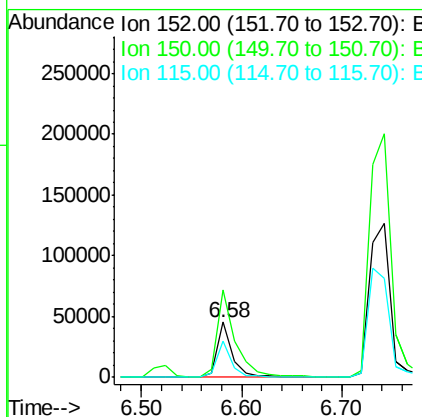
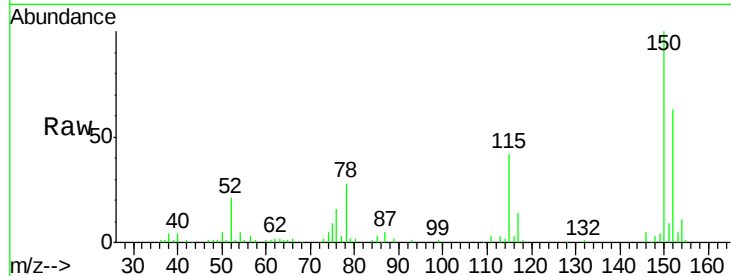
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Instrument :
BNA_F
ClientSampled :
PB92343BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.1	187.7
115	66.6	51.1	76.7

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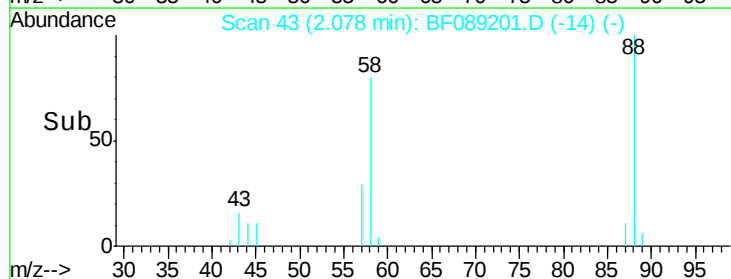
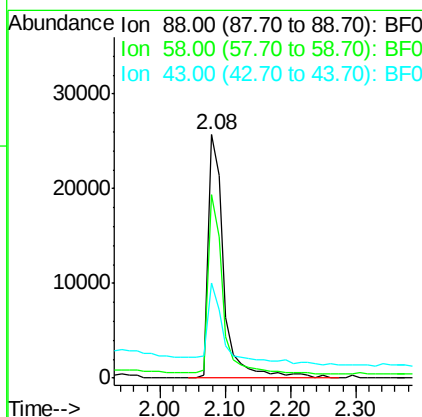
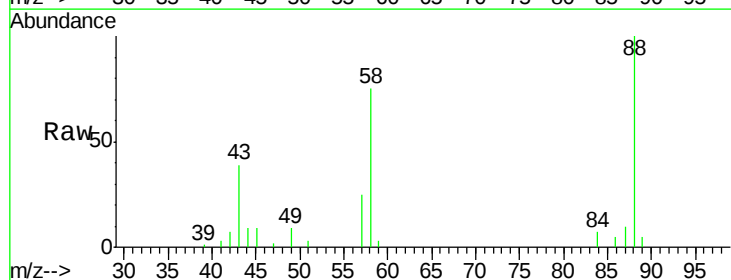
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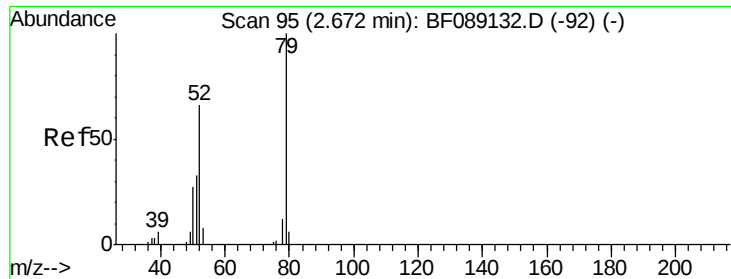


#2

1,4-Dioxane
Concen: 31.30 ng
RT: 2.08 min Scan# 43
Delta R.T. 0.03 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	49.2	73.8
43	38.8	20.6	30.8





#3

Pyridine

Concen: 31.46 ng

RT: 2.70 min Scan# 97

Delta R.T. 0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

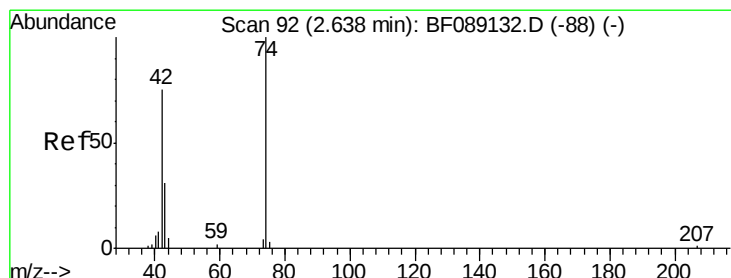
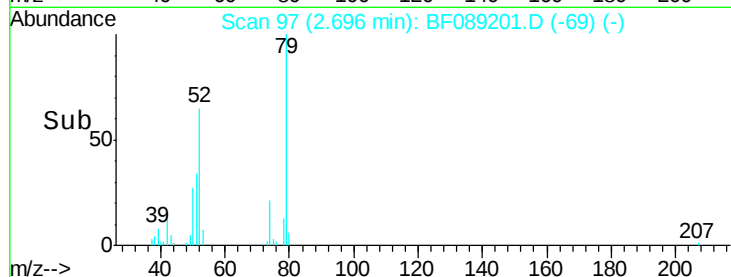
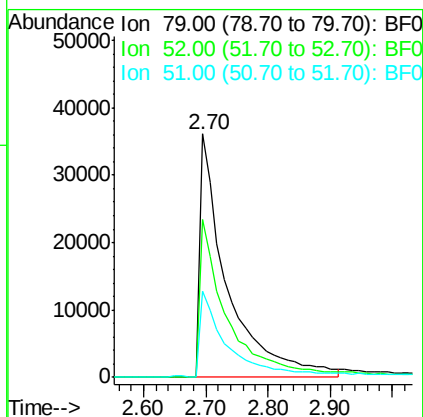
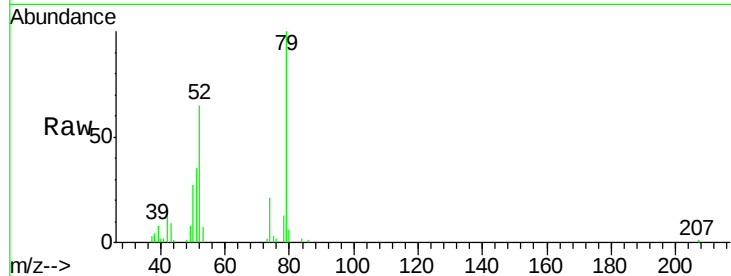
ClientSampleId :

PB92343BS

Tgt Ion:	79	Resp:	110813
Ion Ratio	Lower	Upper	
79	100		
52	64.8	52.9	79.3
51	35.5	27.0	40.6

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#4

n-Nitrosodimethylamine

Concen: 35.16 ng

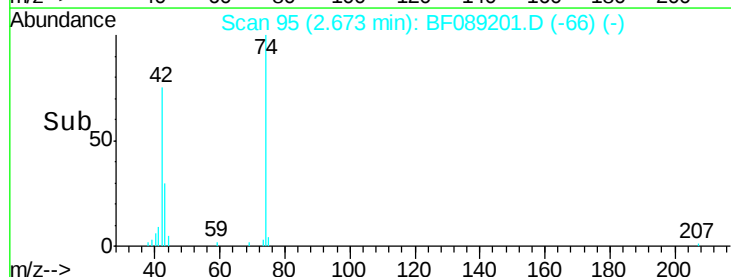
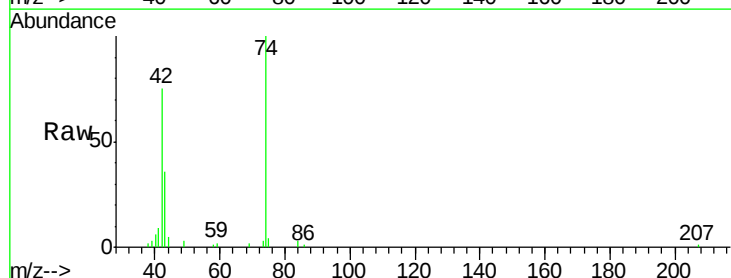
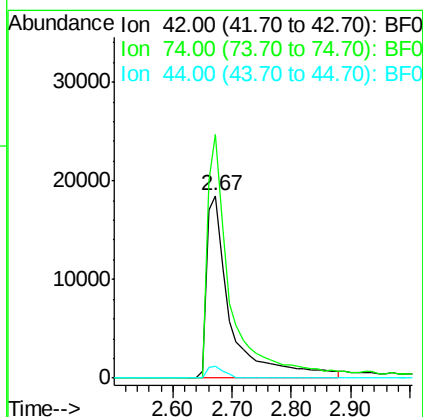
RT: 2.67 min Scan# 95

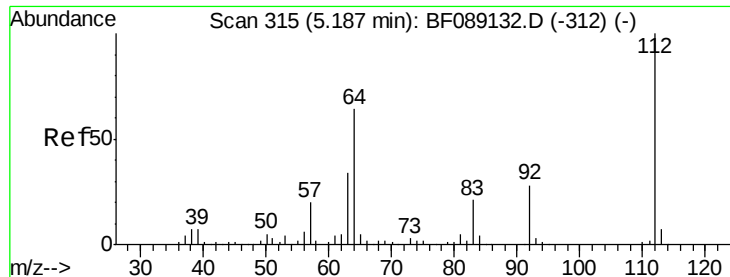
Delta R.T. 0.03 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt Ion:	42	Resp:	52137
Ion Ratio	Lower	Upper	
42	100		
74	133.7	106.4	159.6
44	6.6	5.2	7.8





#5

2-Fluorophenol

Concen: 129.72 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

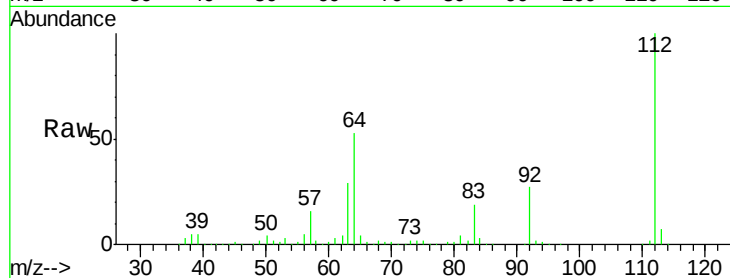
ClientSampleId :

PB92343BS

Tgt Ion:	112	Resp:	414283
Ion Ratio	Lower	Upper	
112	100		
64	53.1	51.0	76.4
63	28.5	27.3	40.9

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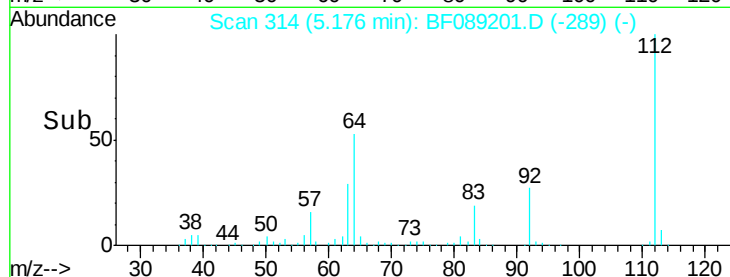


Abundance Ion 112.00 (111.70 to 112.70): E

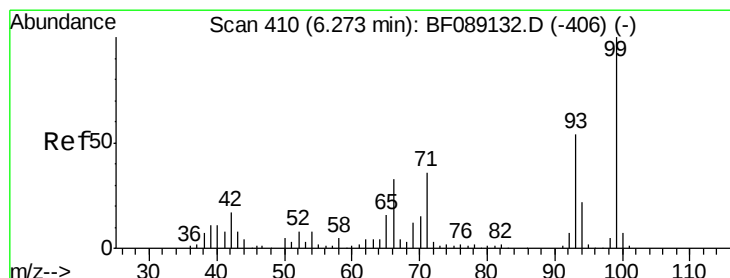
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 26.53 ng

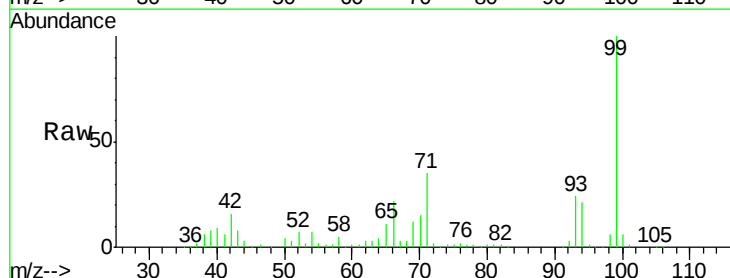
RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt Ion:	93	Resp:	147646
Ion Ratio	Lower	Upper	
93	100		
66	91.5	48.9	73.3#
65	45.5	23.9	35.9#

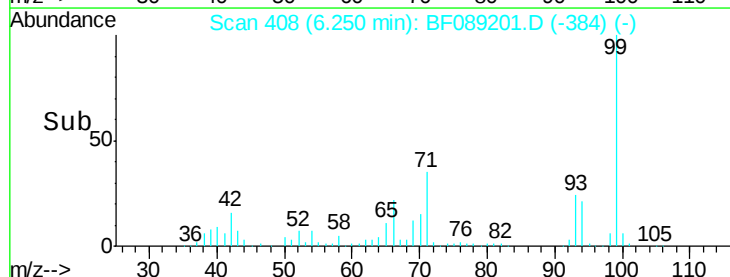


Abundance Ion 93.00 (92.70 to 93.70): BF0

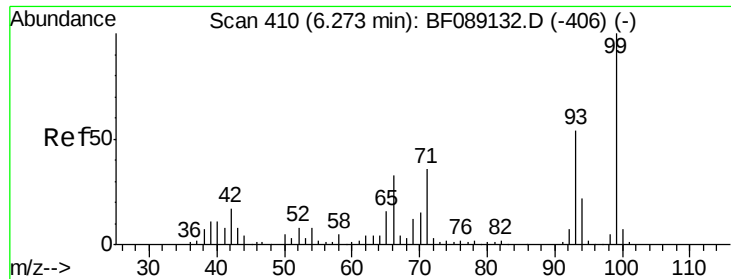
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 129.23 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

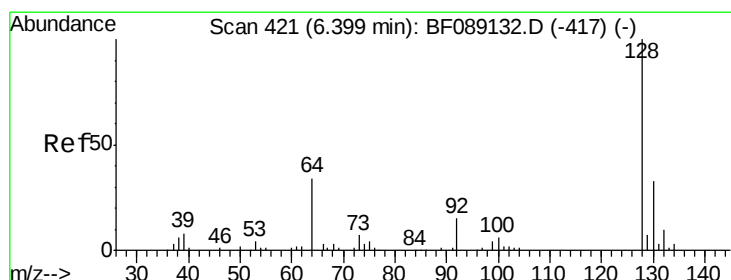
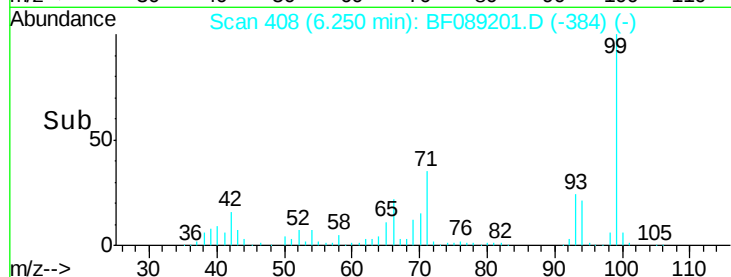
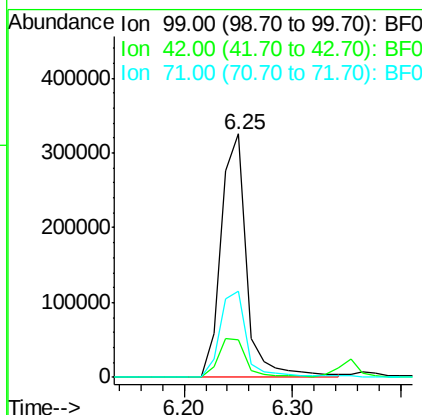
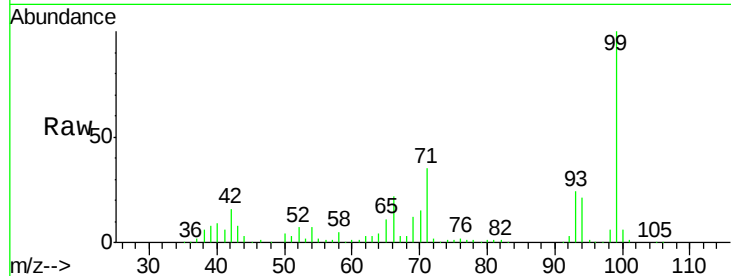
ClientSampleId :

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Tgt Ion:	99	Resp:	532215
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.5	20.3
71	35.4	28.9	43.3

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#8

2-Chlorophenol

Concen: 42.35 ng

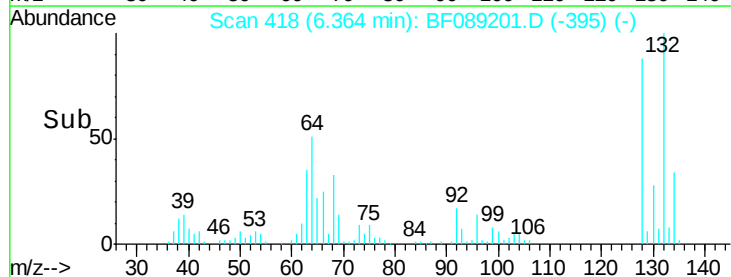
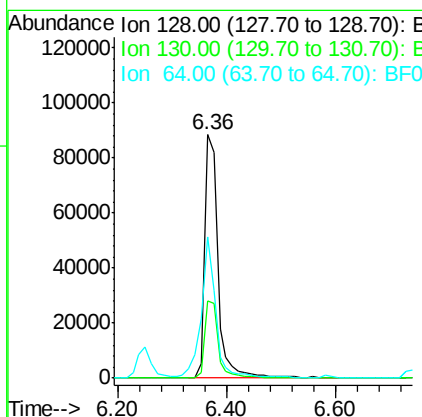
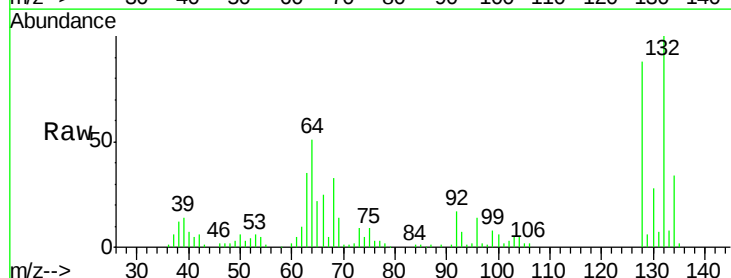
RT: 6.36 min Scan# 418

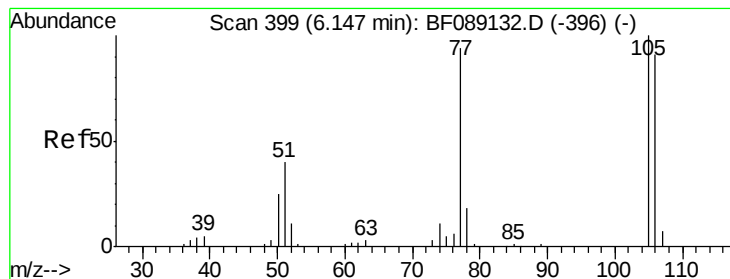
Delta R.T. -0.03 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt Ion:	128	Resp:	150075
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.6	52.6
64	58.2	17.5	57.5#





#9

Benzaldehyde

Concen: 11.96 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

ClientSampleId :

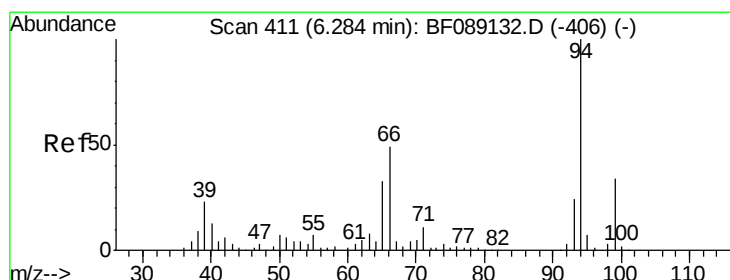
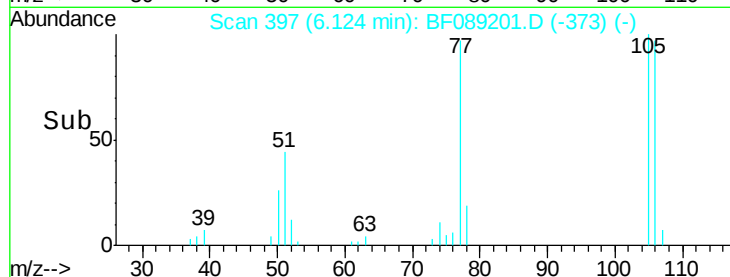
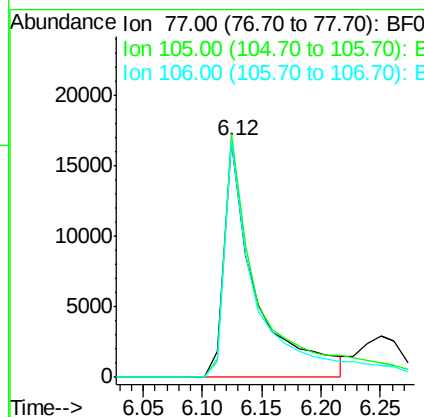
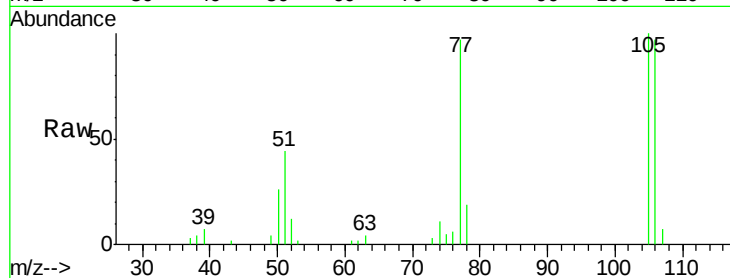
PB92343BS

Tgt Ion: 77 Resp: 31024

Ion	Ratio	Lower	Upper
77	100		
105	103.1	86.2	126.2
106	100.1	76.3	116.3

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#10

Phenol

Concen: 41.33 ng

RT: 6.26 min Scan# 409

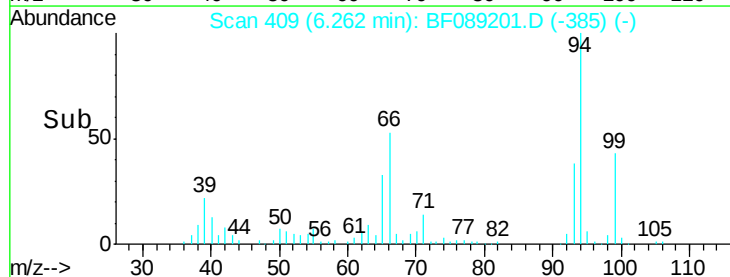
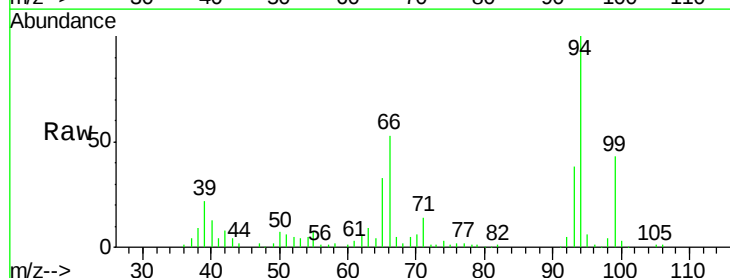
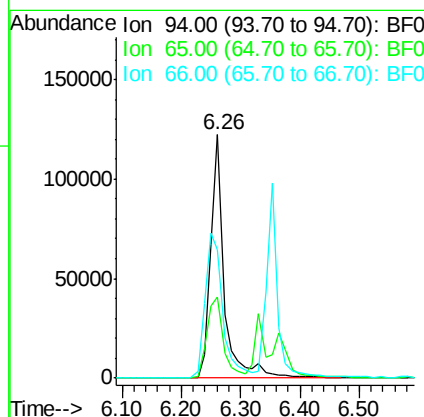
Delta R.T. -0.02 min

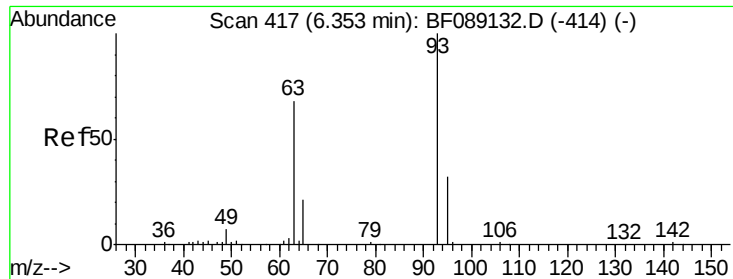
Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt Ion: 94 Resp: 196094

Ion	Ratio	Lower	Upper
94	100		
65	33.1	13.3	53.3
66	52.5	29.3	69.3





#11

bis(2-Chloroethyl)ether

Concen: 43.39 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

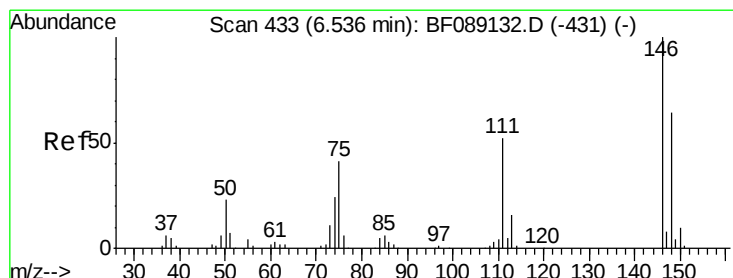
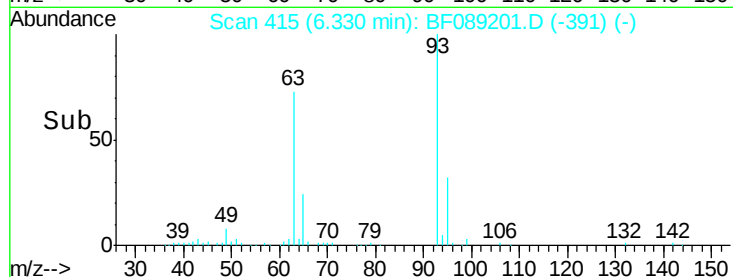
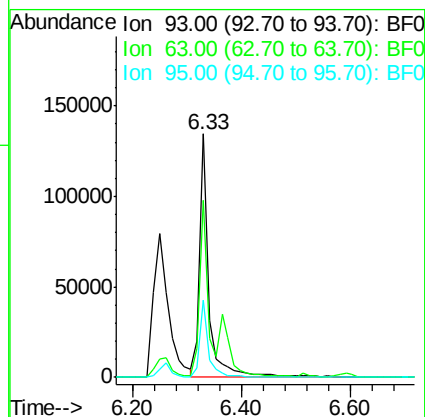
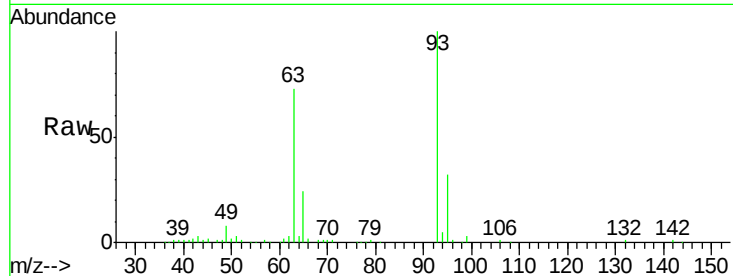
ClientSampleId :

PB92343BS

Tgt Ion:	93	Resp:	154612
Ion Ratio	Lower	Upper	
93	100		
63	72.5	47.3	87.3
95	31.6	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 35.57 ng m

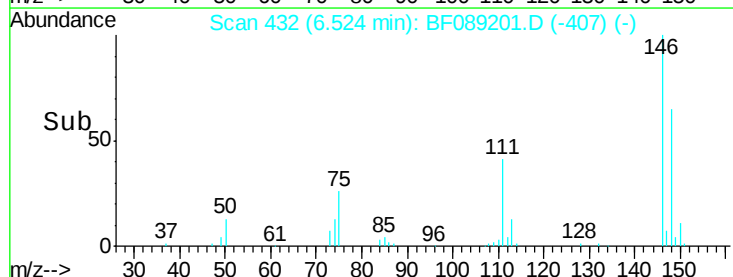
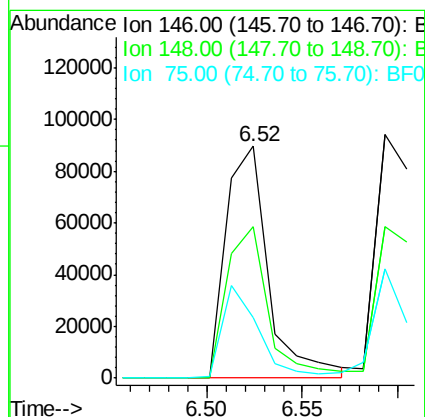
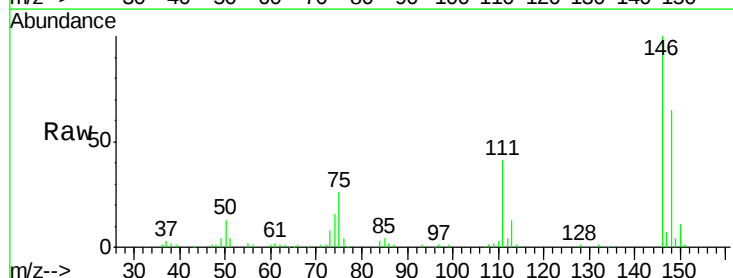
RT: 6.52 min Scan# 432

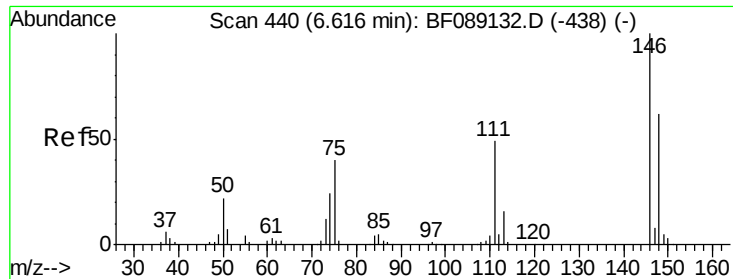
Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt Ion:	146	Resp:	139188
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.0	76.6
75	26.3	32.5	48.7#





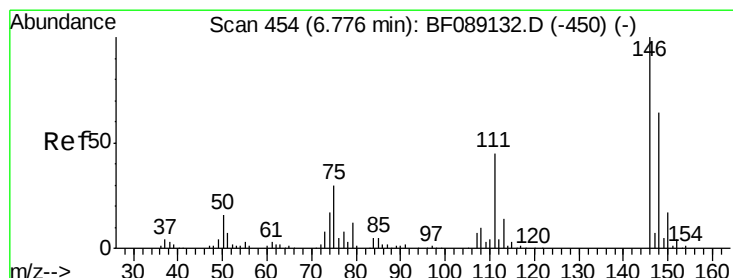
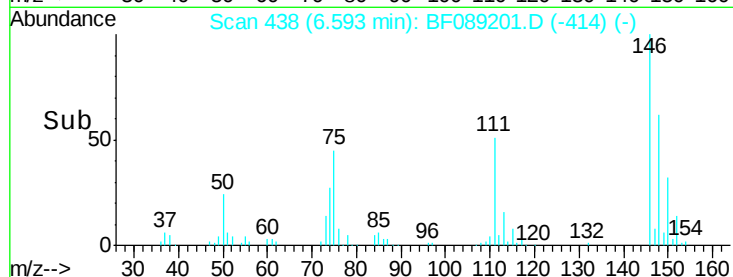
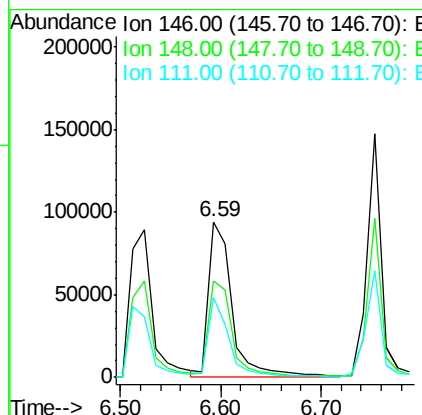
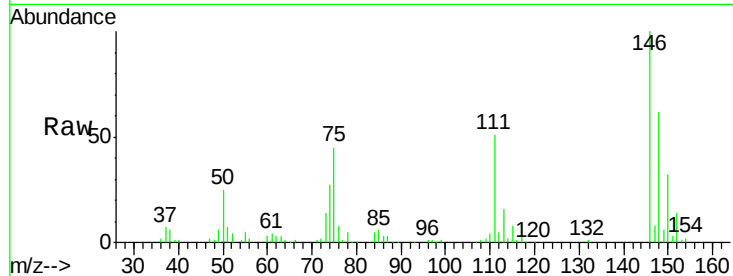
#13
 1,4-Dichlorobenzene
 Concen: 38.76 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleID :
 PB92343BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	49.9	74.9
111	51.3	39.8	59.6

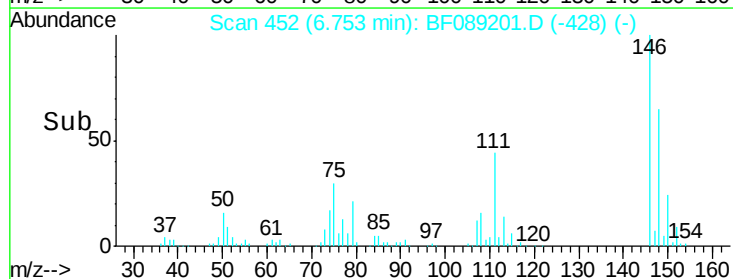
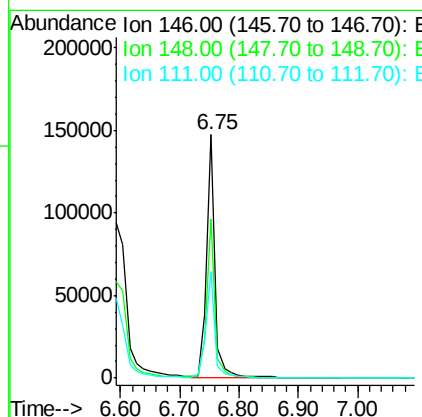
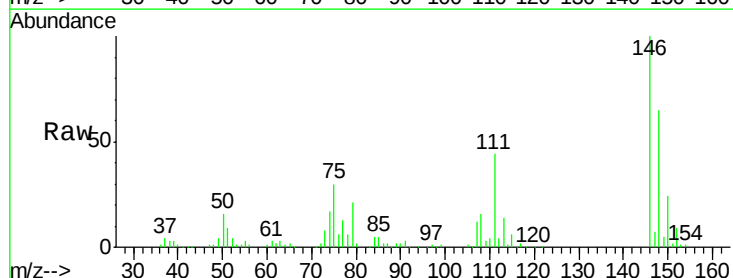
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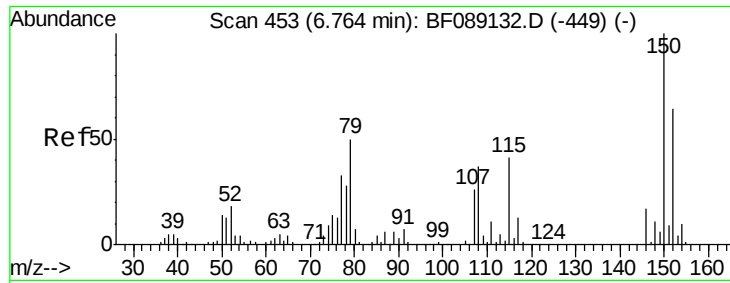
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#14
 1,2-Dichlorobenzene
 Concen: 41.23 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
111	43.6	35.9	53.9





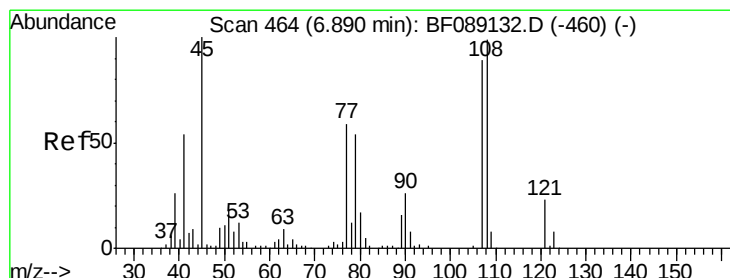
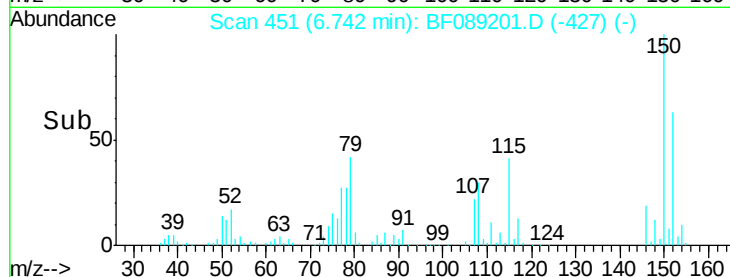
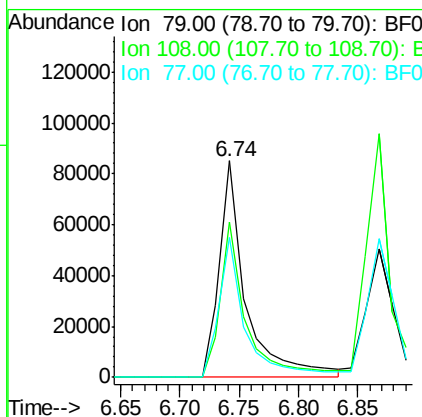
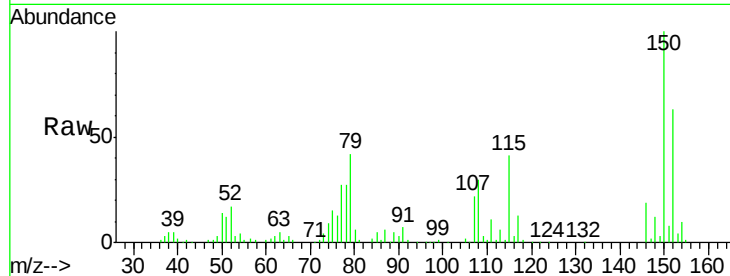
#15
Benzyl Alcohol
Concen: 43.58 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Instrument :
BNA_F
ClientSampleId :
PB92343BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	71.7	58.2	87.4
77	64.3	52.2	78.4

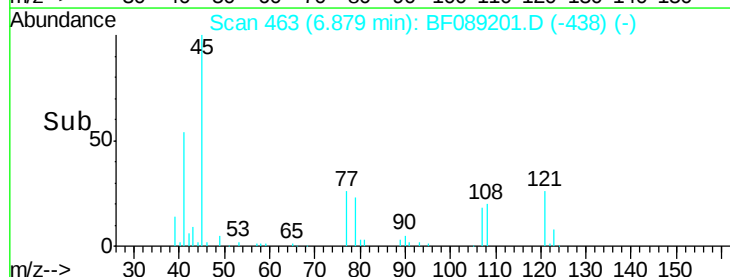
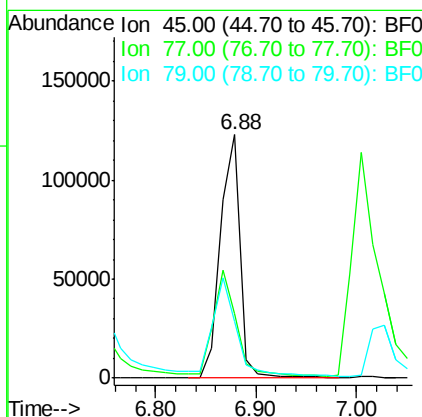
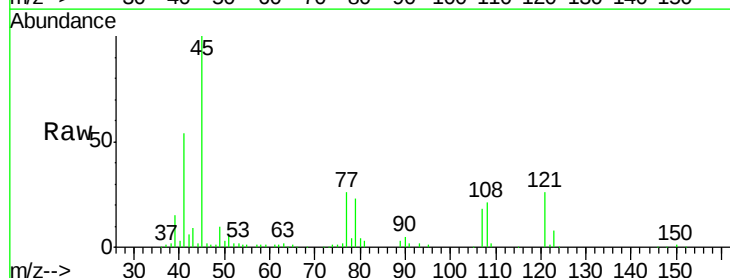
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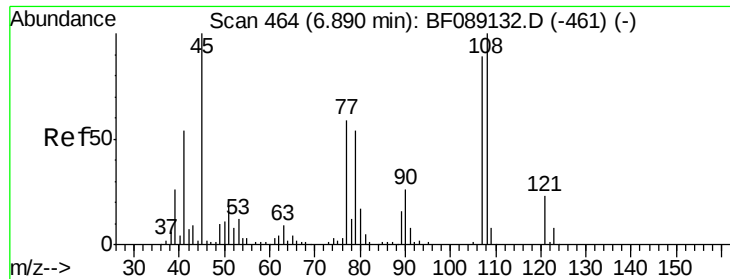
sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.36 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.4	39.7	79.7#
79	23.3	34.7	74.7#





#17

2-Methylphenol

Concen: 42.62 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

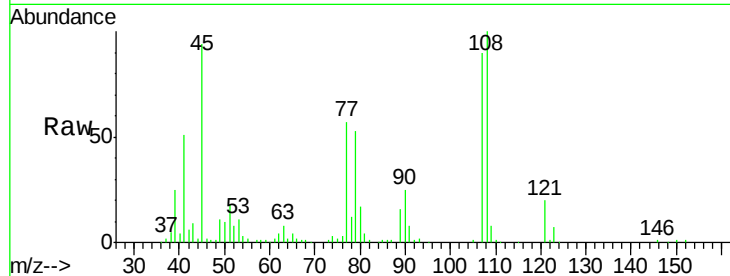
ClientSampleId :

PB92343BS

Tgt Ion:	107	Resp:	118986
Ion Ratio	Lower	Upper	
107	100		
108	111.7	89.4	134.2
77	63.7	53.4	80.0
79	58.9	49.0	73.4

Manual Integrations
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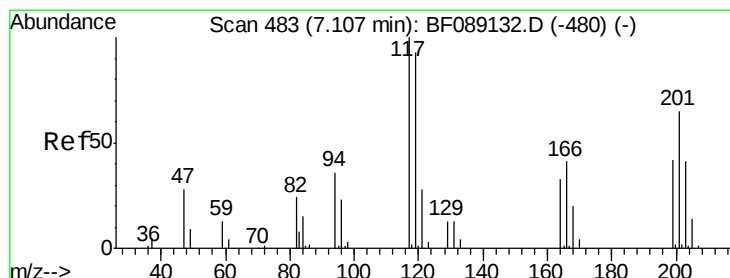
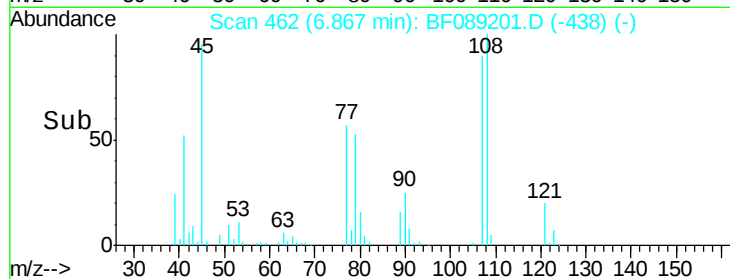
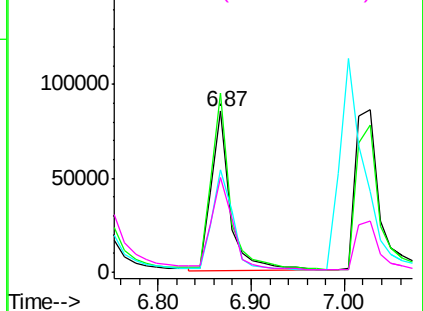


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.75 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF089201.D

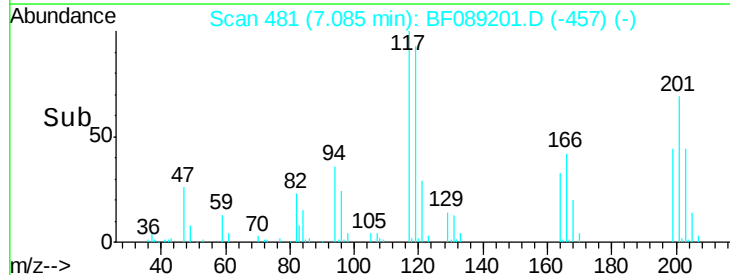
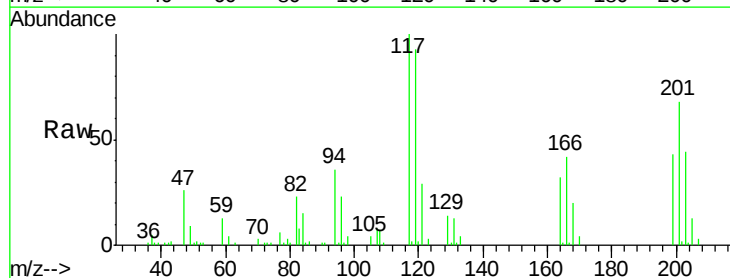
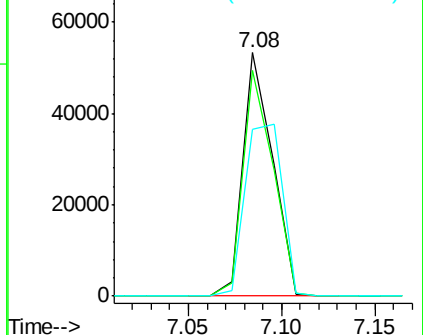
Acq: 22 Jul 2016 19:13

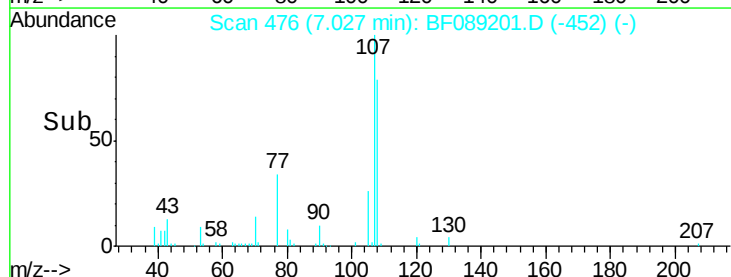
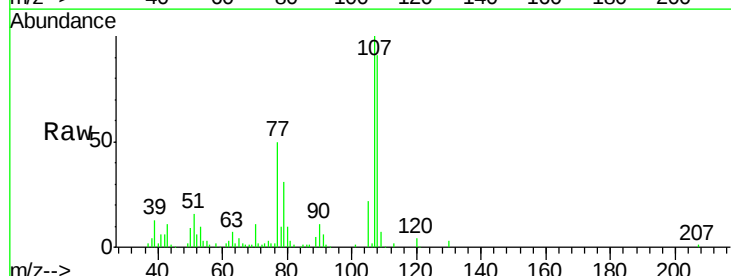
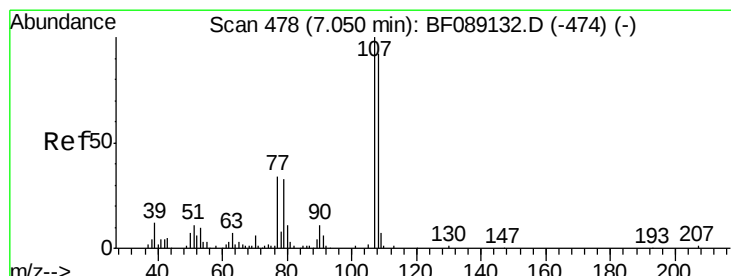
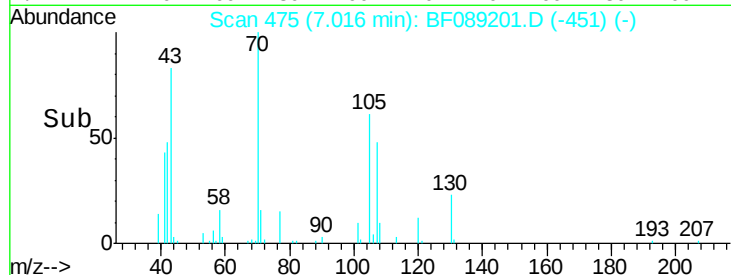
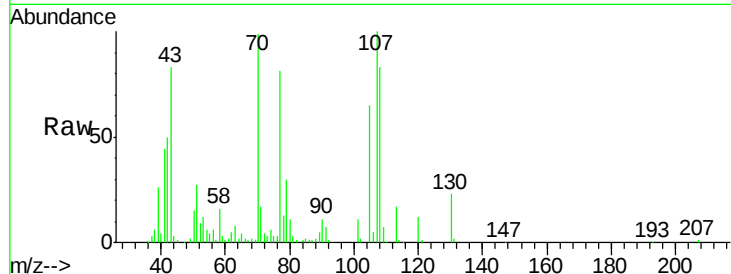
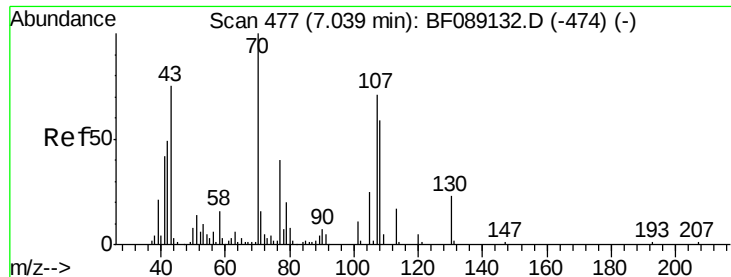
Tgt Ion:	117	Resp:	58885
Ion Ratio	Lower	Upper	
117	100		
119	92.9	74.5	111.7
201	68.3	51.8	77.6

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





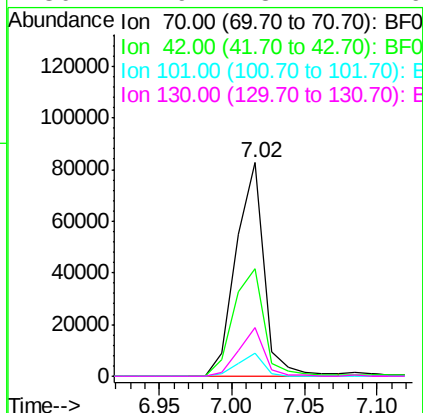
#19
n-Nitroso-di-n-propylamine
Concen: 41.53 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Instrument :
BNA_F
ClientSampleId :
PB92343BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.3	39.2	58.8
101	10.8	8.5	12.7
130	22.9	18.4	27.6

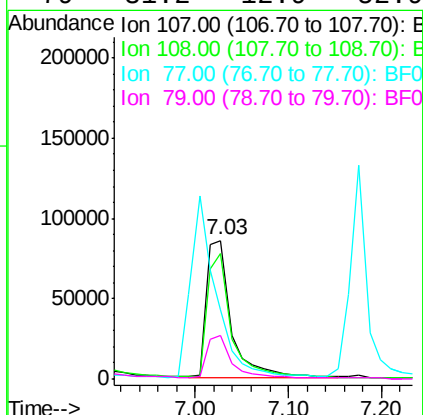
Manual Integrations
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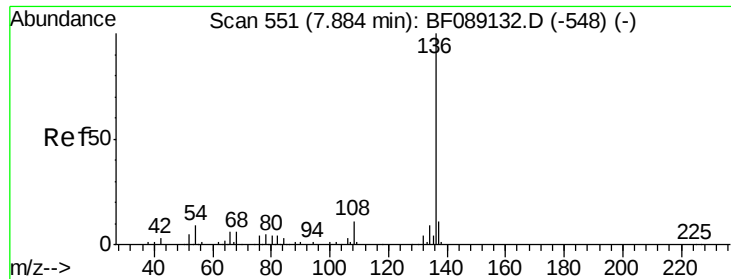
sohil
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#20
3+4-Methylphenols
Concen: 41.80 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	72.5	112.5
77	50.0	17.7	57.7
79	31.2	12.9	52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

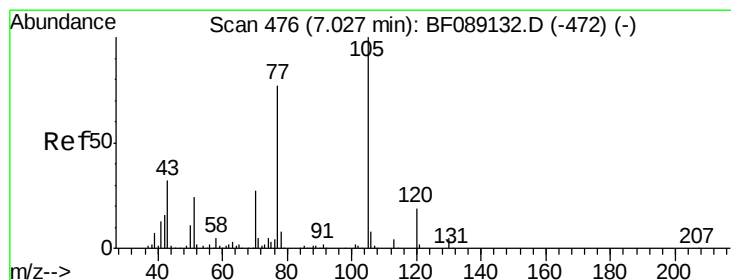
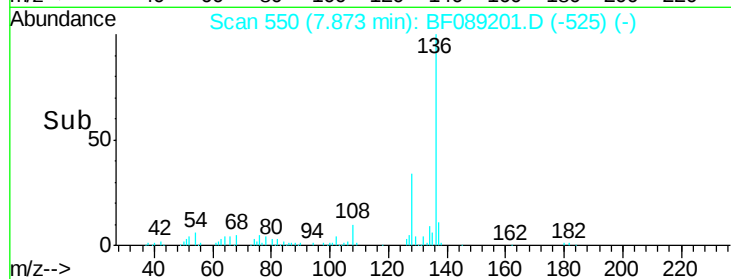
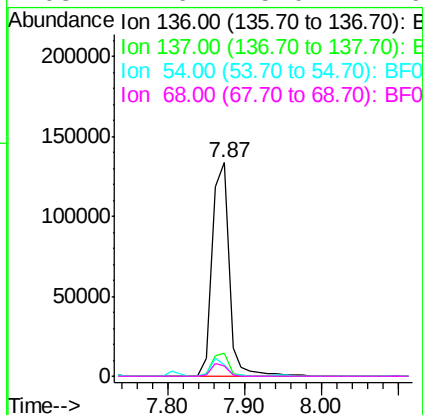
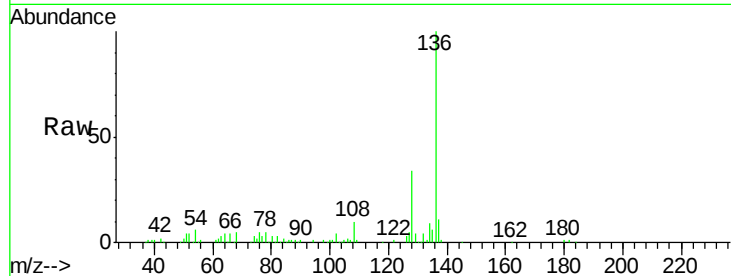
ClientSampleId :

PB92343BS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		204387		
137	10.5		8.8	13.2	
54	5.6		7.0	10.4	
68	4.6		5.0	7.6	

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#22

Acetophenone

Concen: 41.12 ng

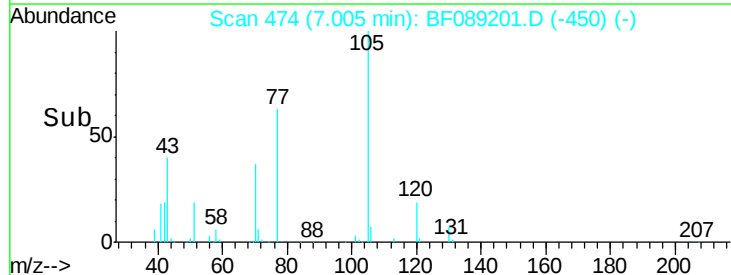
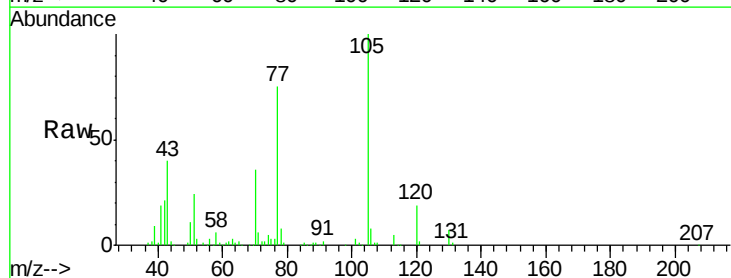
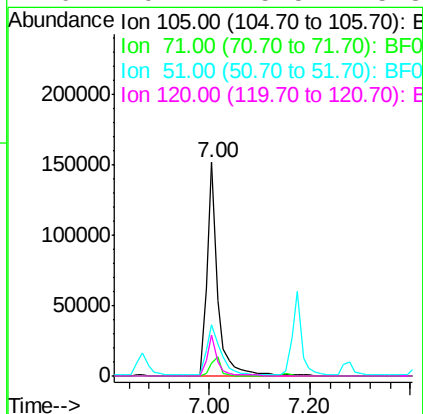
RT: 7.00 min Scan# 474

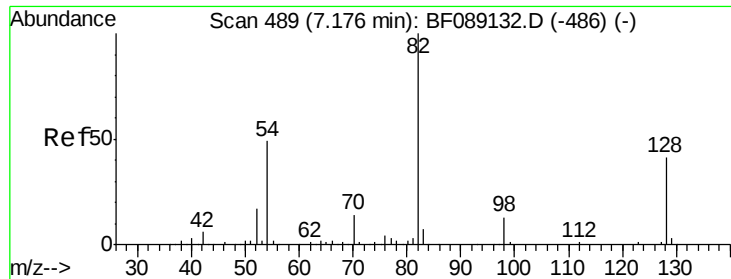
Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		224434		
71	6.3		3.8	5.6	
51	24.0		19.6	29.4	
120	19.4		15.5	23.3	





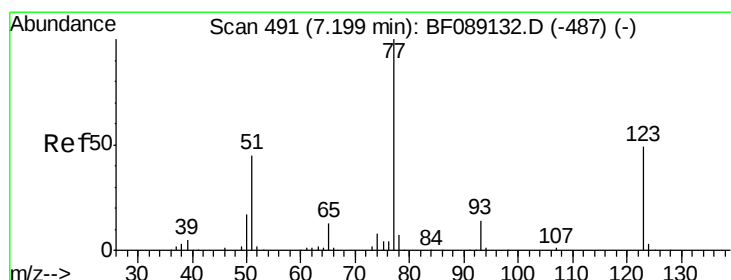
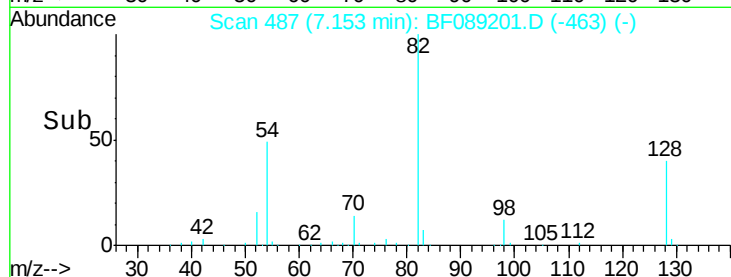
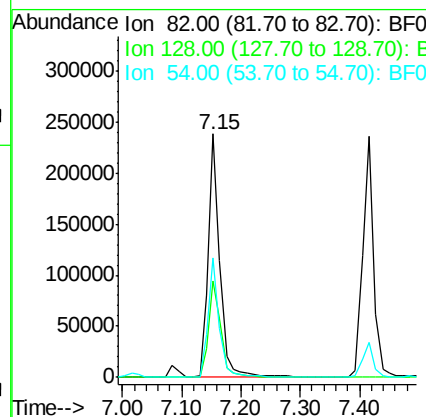
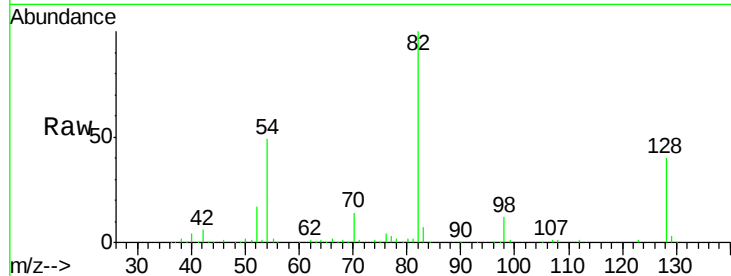
#23
Nitrobenzene-d5
Concen: 86.84 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Instrument :
BNA_F
ClientSampleId :
PB92343BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	39.8	33.0	49.6
54	49.3	39.0	58.4

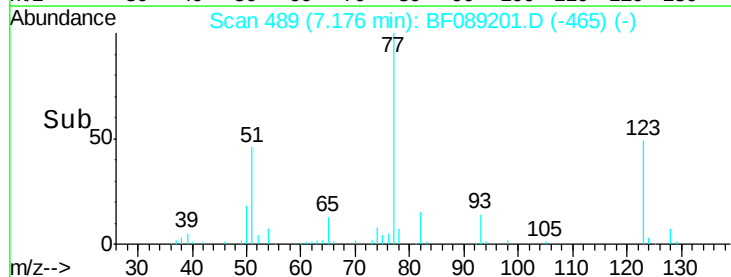
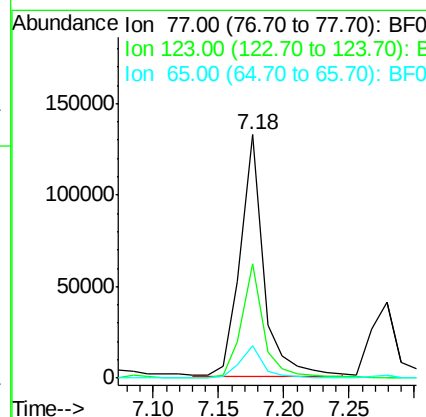
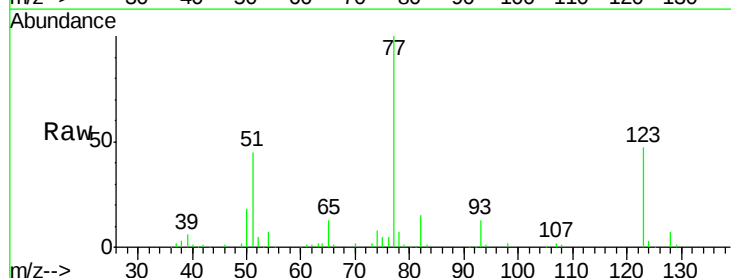
Manual Integrations
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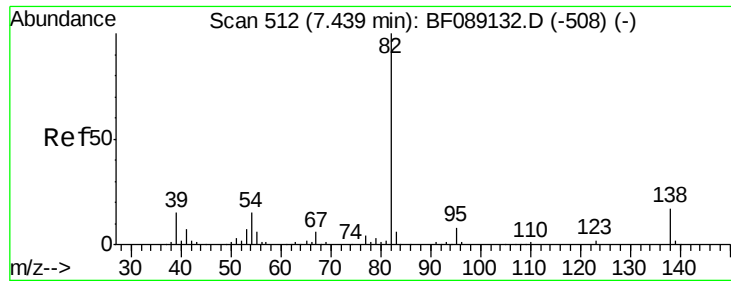
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#24
Nitrobenzene
Concen: 40.57 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	47.2	38.9	58.3
65	13.2	10.6	15.8





#25

Isophorone

Concen: 42.91 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

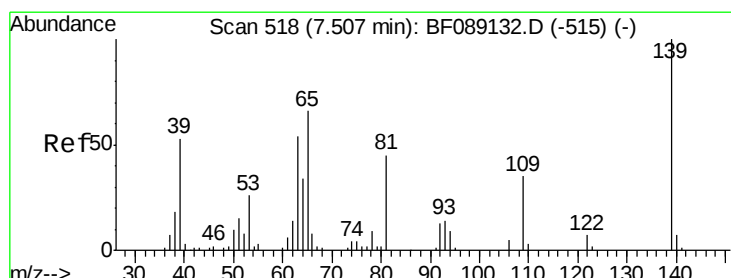
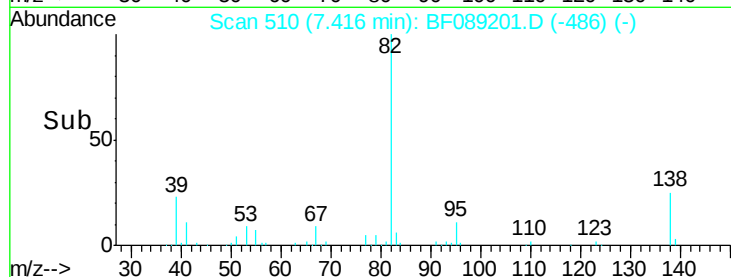
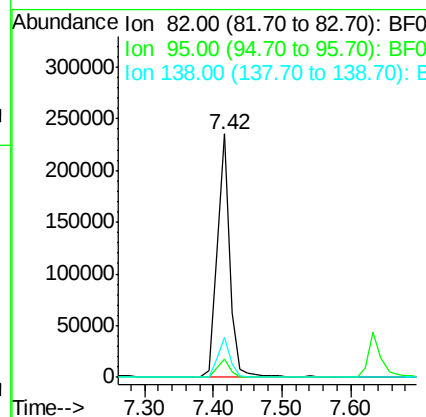
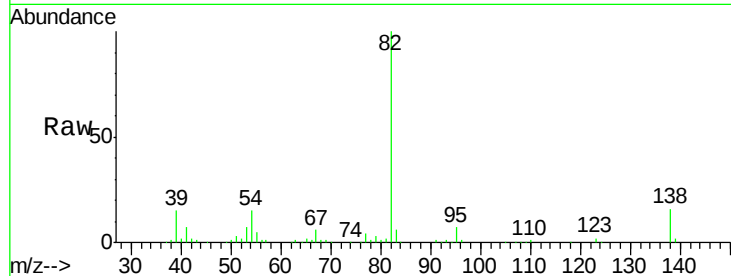
ClientSampleId :

PB92343BS

Tgt Ion:	82	Resp:	304232
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.1	9.1
138	16.3	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.88 ng

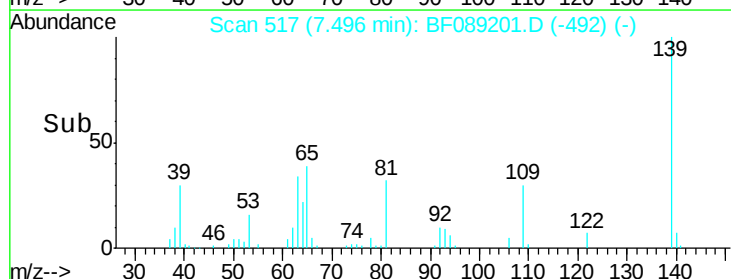
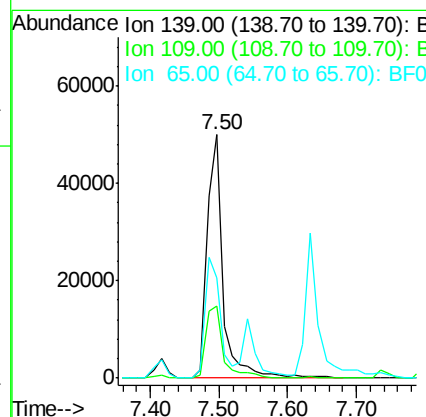
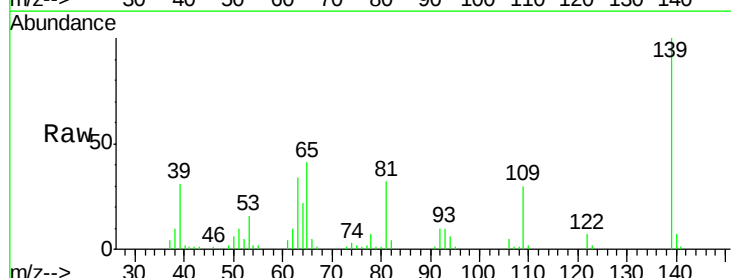
RT: 7.50 min Scan# 517

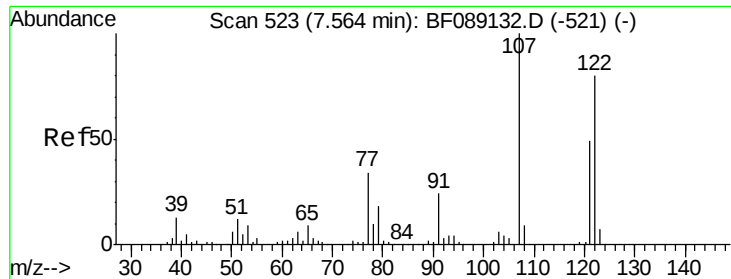
Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt Ion:	139	Resp:	79244
Ion Ratio	Lower	Upper	
139	100		
109	29.8	28.1	42.1
65	41.3	52.7	79.1#





#27

2,4-Dimethylphenol

Concen: 40.82 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

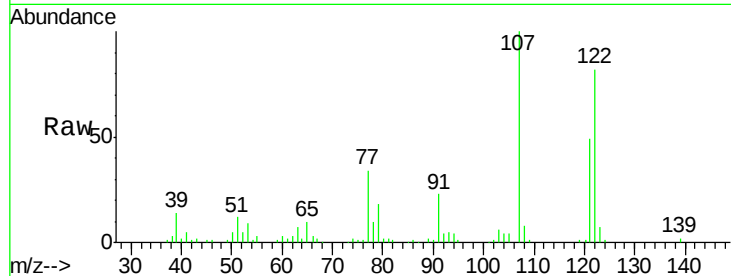
ClientSampleId :

PB92343BS

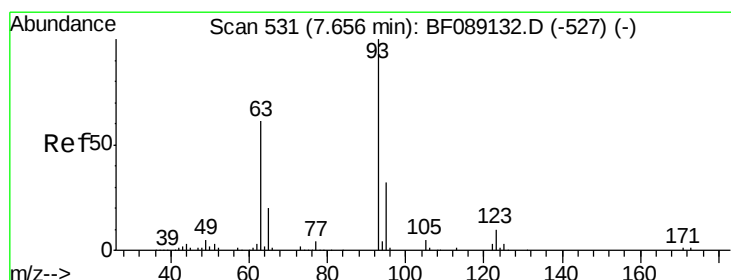
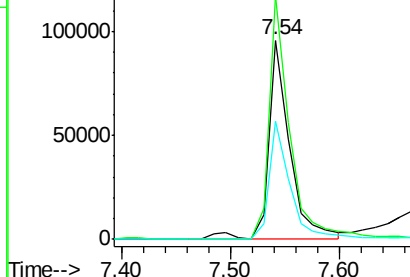
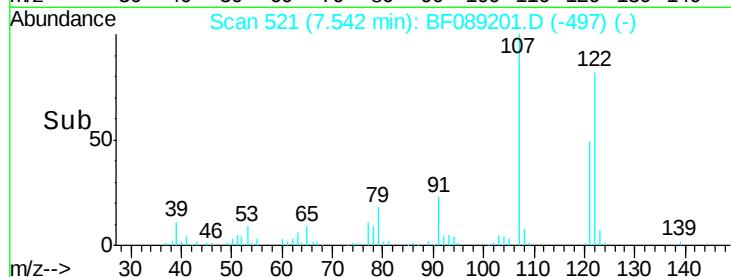
Tgt Ion:	122	Resp:	130143
Ion Ratio	Lower	Upper	
122	100		
107	122.2	99.7	149.5
121	59.4	48.5	72.7

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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: 42.82 ng

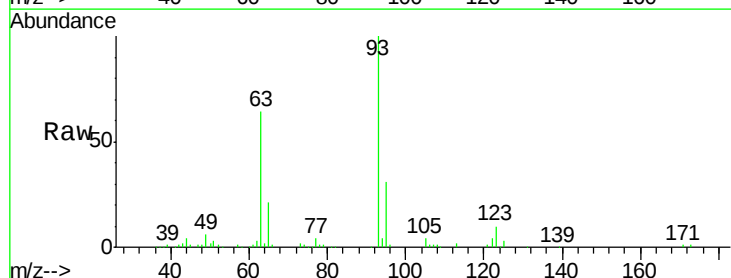
RT: 7.63 min Scan# 529

Delta R.T. -0.02 min

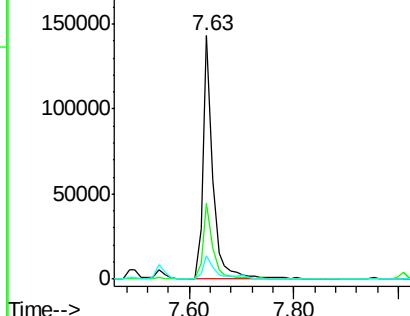
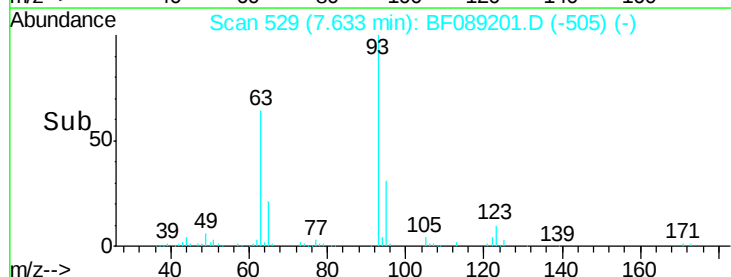
Lab File: BF089201.D

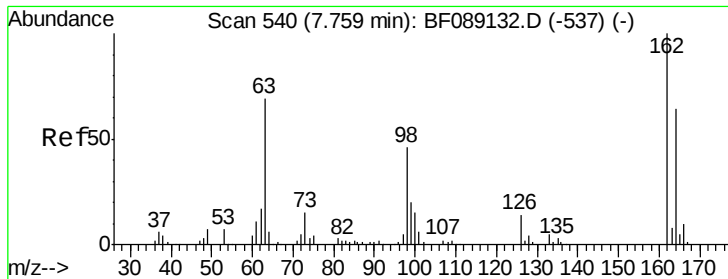
Acq: 22 Jul 2016 19:13

Tgt Ion:	93	Resp:	189864
Ion Ratio	Lower	Upper	
93	100		
95	30.9	25.4	38.0
123	9.7	8.3	12.5



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





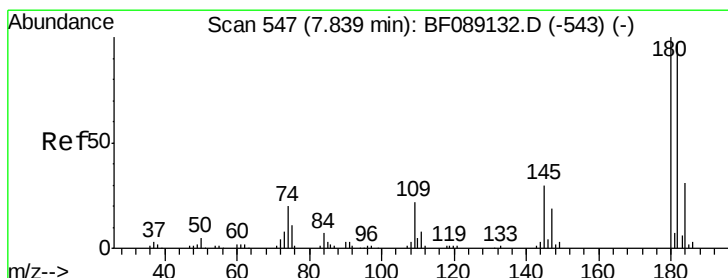
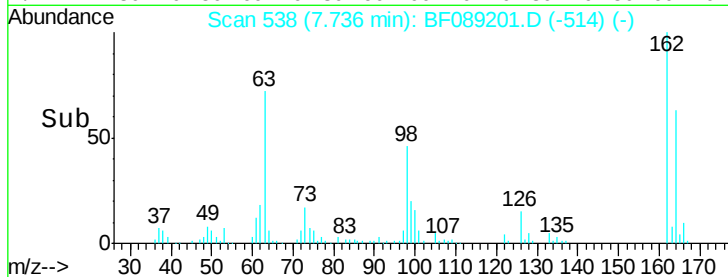
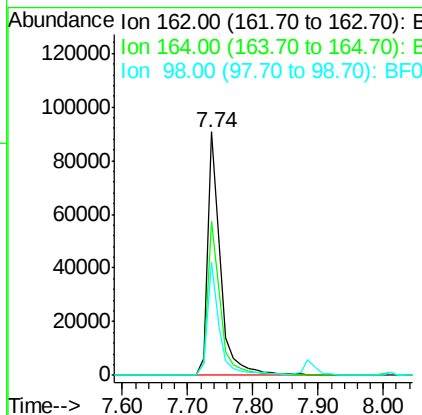
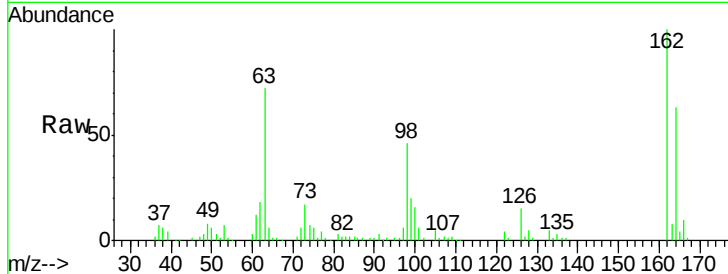
#29
 2,4-Dichlorophenol
 Concen: 43.28 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BS

Tgt Ion:	162	Resp:	124332
Ion Ratio	Lower	Upper	
162	100		
164	63.2	44.0	84.0
98	46.4	26.0	66.0

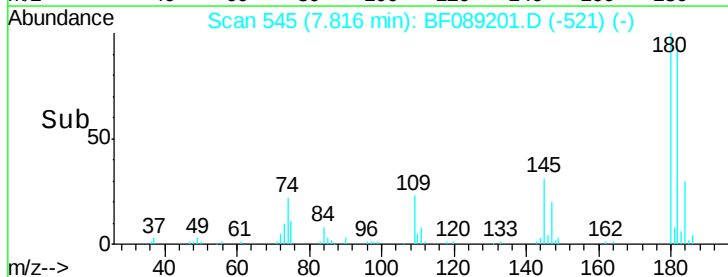
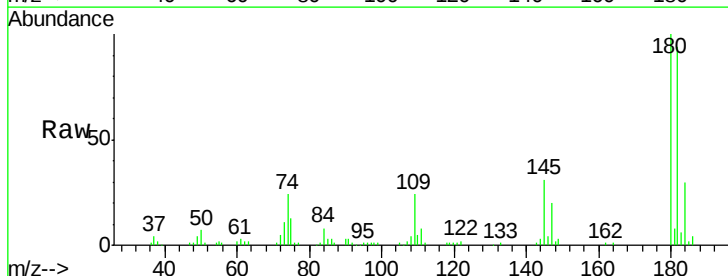
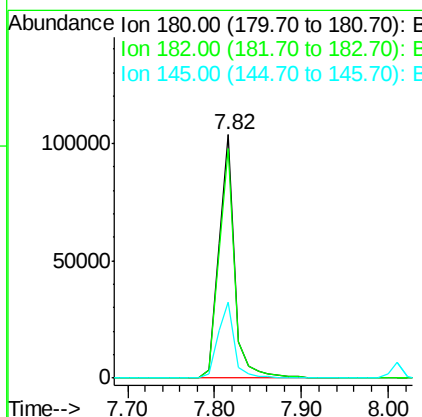
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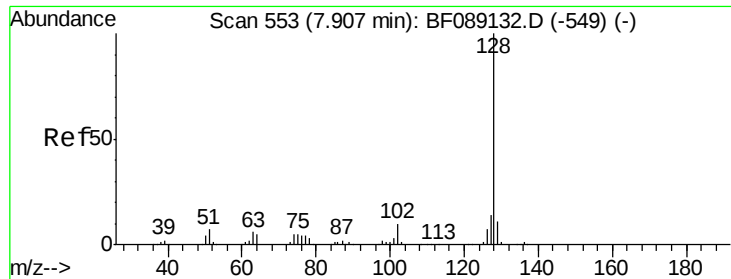
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.63 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion:	180	Resp:	132410
Ion Ratio	Lower	Upper	
180	100		
182	94.1	77.6	116.4
145	31.0	24.0	36.0





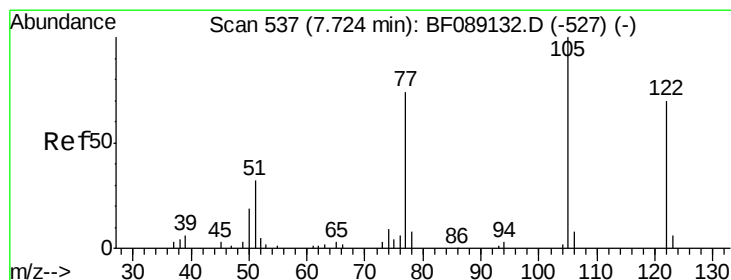
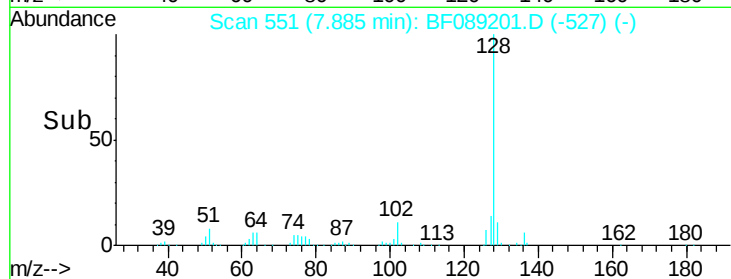
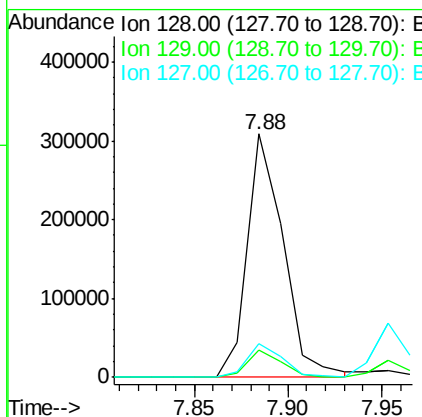
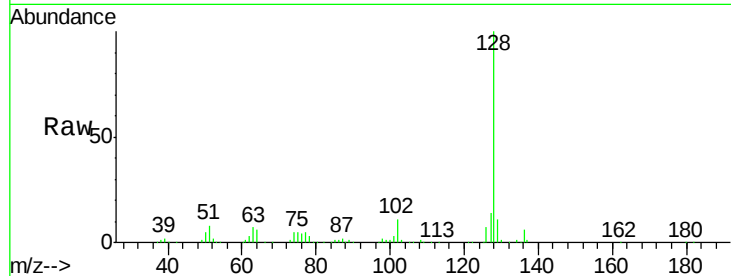
#31
Naphthalene
Concen: 37.14 ng m
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Instrument :
BNA_F
ClientSampleId :
PB92343BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	409714		
129	11.4	8.9	13.3	
127	13.6	10.8	16.2	

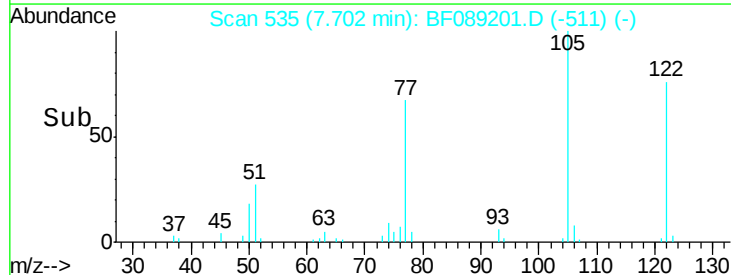
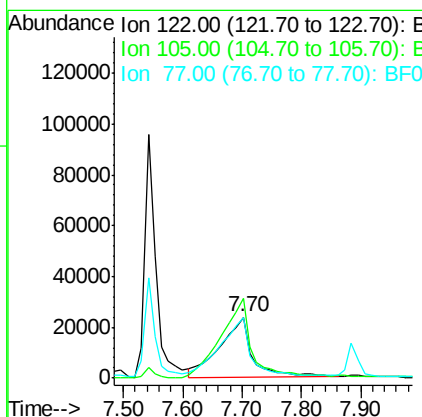
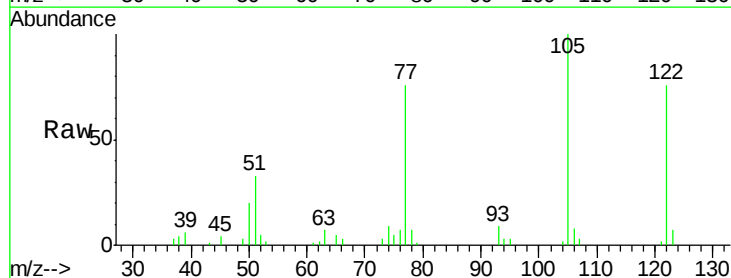
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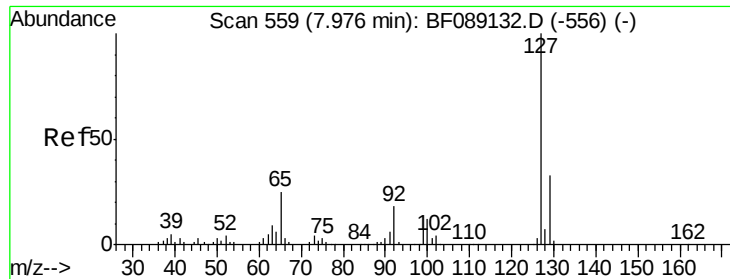
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#32
Benzoic acid
Concen: 35.51 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	87070		
105	131.1	119.0	159.0	
77	99.7	84.7	124.7	





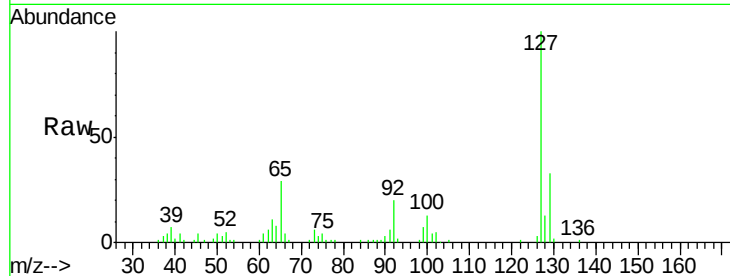
#33
4-Chloroaniline
Concen: 23.05 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Instrument :
BNA_F
ClientSampled :
PB92343BS

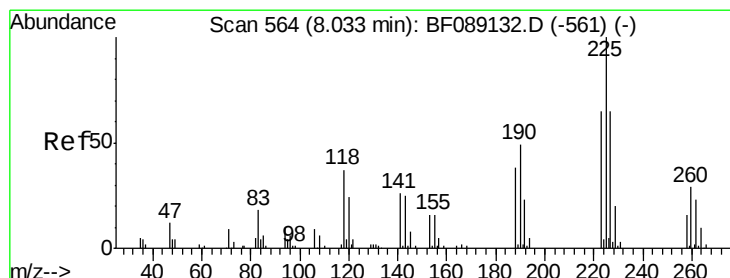
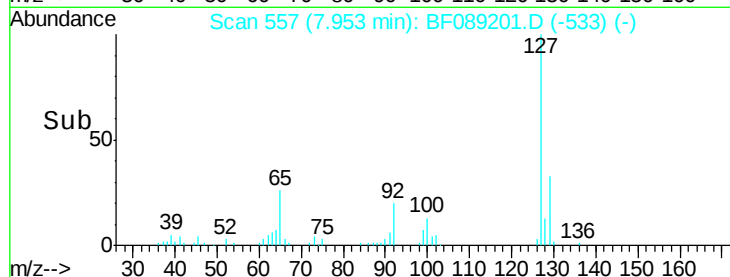
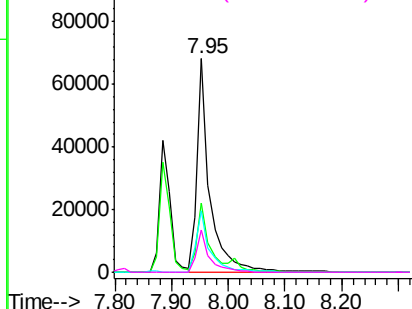
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.9	38.9	
65	28.5	19.7	29.5	
92	19.8	14.3	21.5	

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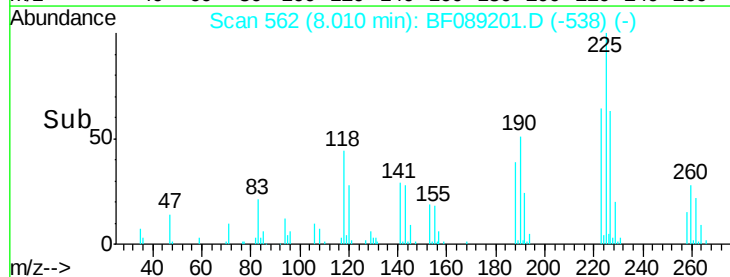
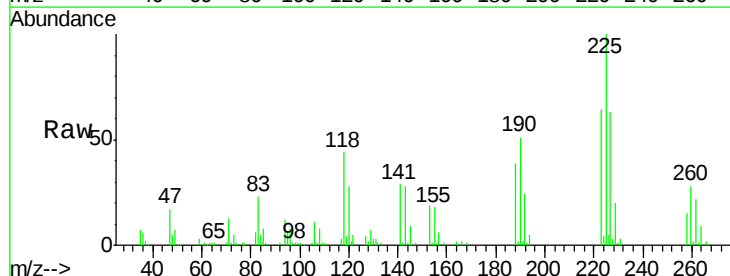
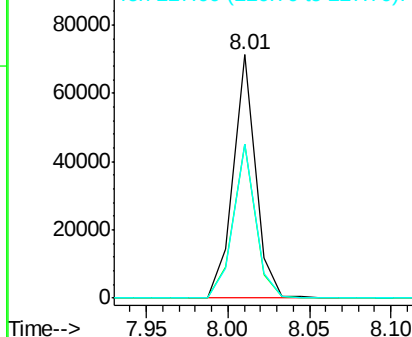
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

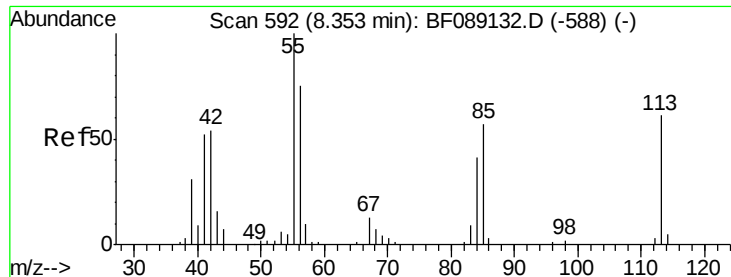


#34
Hexachlorobutadiene
Concen: 38.09 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	51.6	77.4	
227	63.3	51.6	77.4	

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





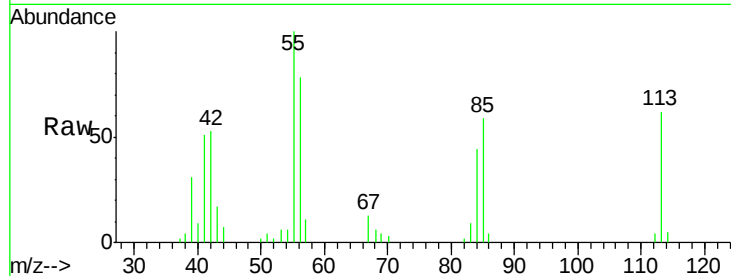
#35
 Caprolactam
 Concen: 41.12 ng m
 RT: 8.33 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleID :
 PB92343BS

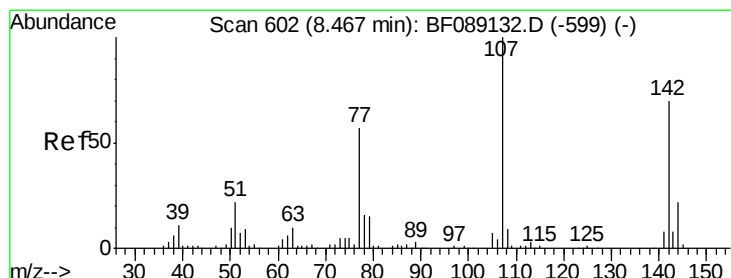
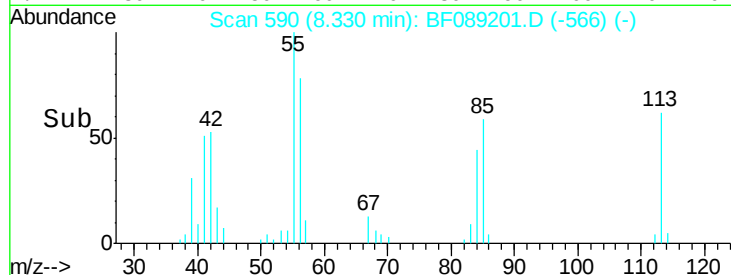
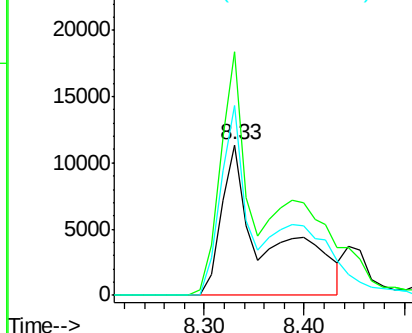
Tgt Ion:113 Resp: 36691
 Ion Ratio Lower Upper
 113 100
 55 161.5 145.3 185.3
 56 126.4 104.3 144.3

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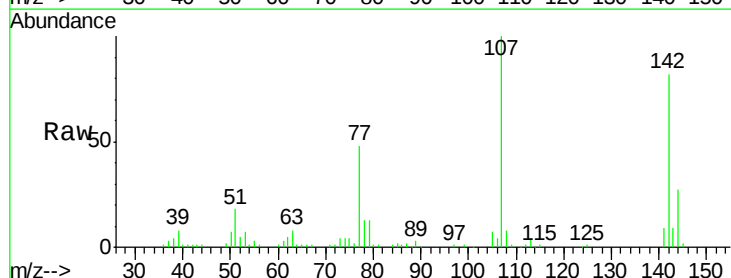


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

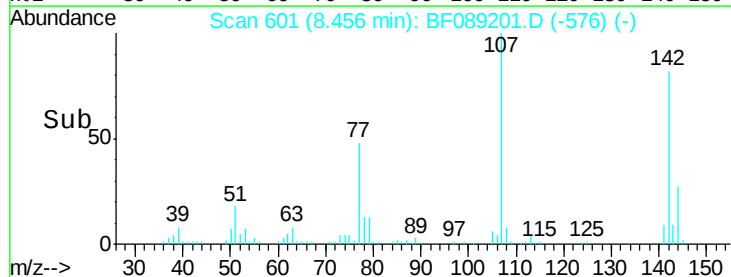
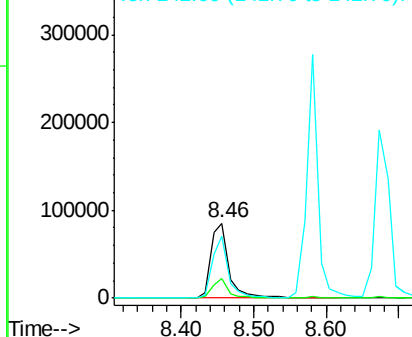


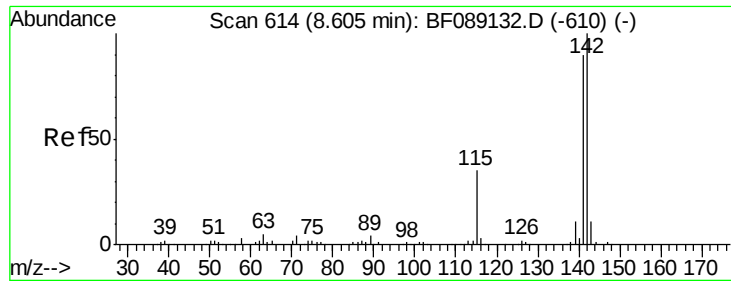
#36
 4-Chloro-3-methylphenol
 Concen: 42.66 ng
 RT: 8.46 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion:107 Resp: 147670
 Ion Ratio Lower Upper
 107 100
 144 26.9 17.8 26.6#
 142 82.1 56.1 84.1



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





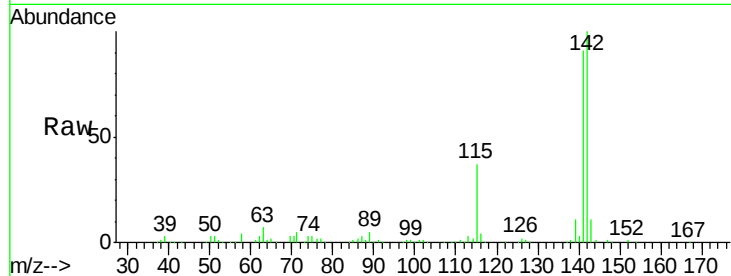
#37
 2-Methylnaphthalene
 Concen: 42.29 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BS

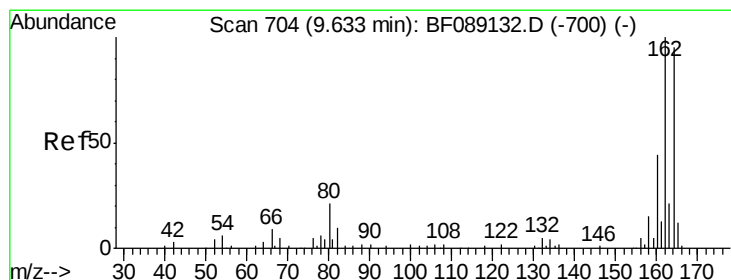
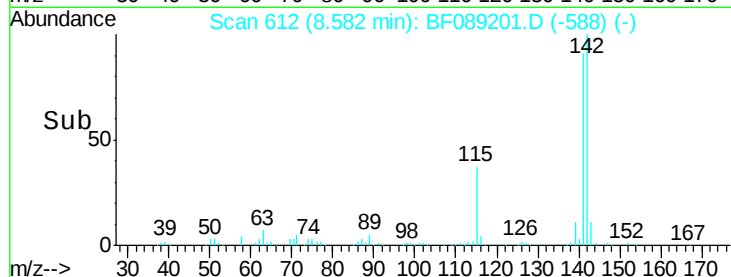
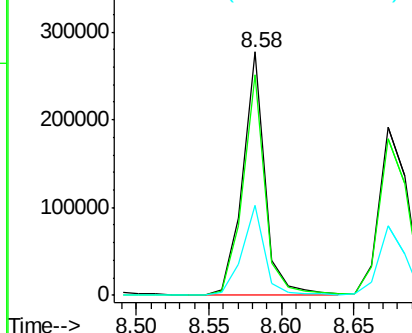
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	297480		
141	90.8	71.6	107.4	
115	37.0	27.6	41.4	

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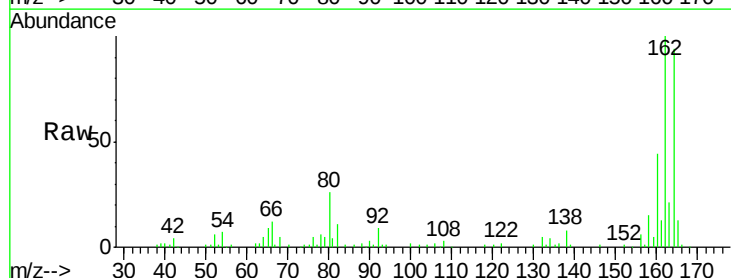


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

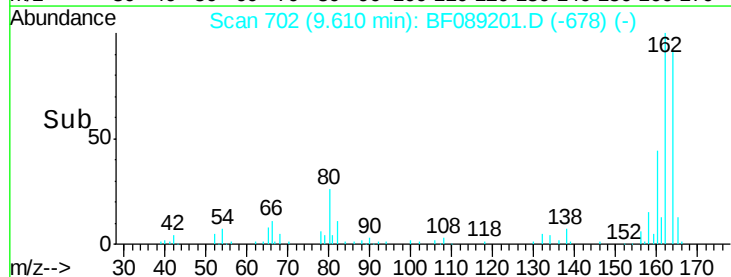
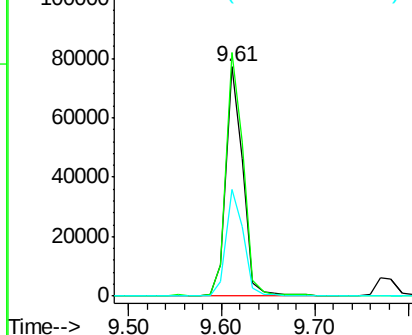


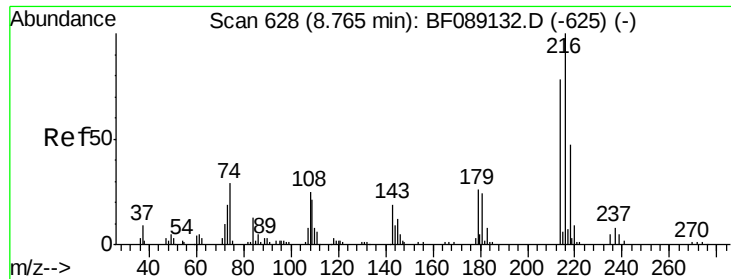
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97766		
162	106.2	84.1	126.1	
160	46.4	37.1	55.7	



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.85 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

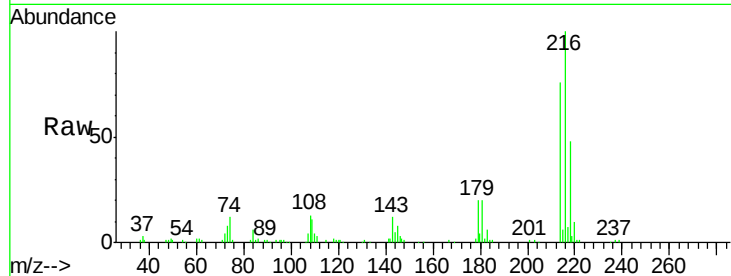
ClientSampleId :

PB92343BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	122998		
214	78.2	61.9	92.9	
179	22.4	18.4	27.6	
108	22.7	17.0	25.6	

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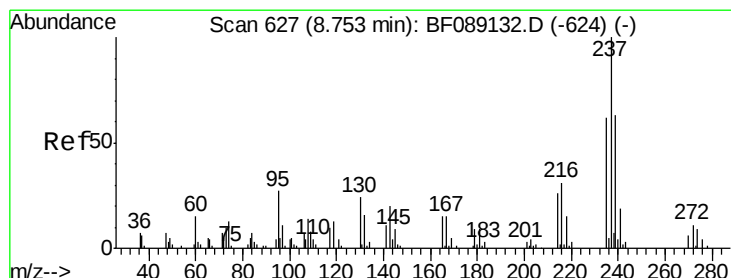
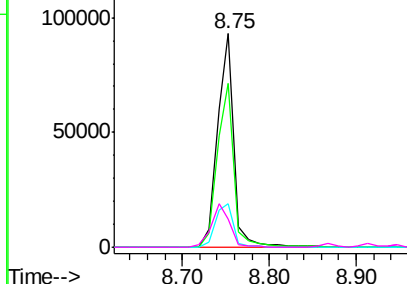
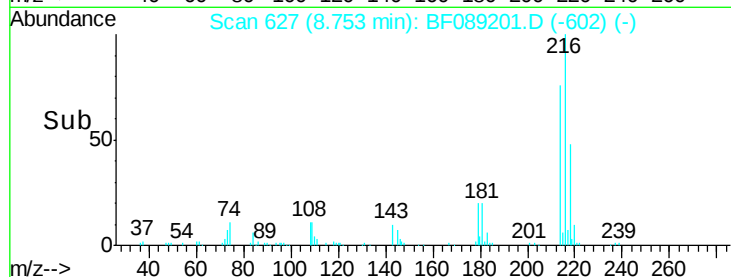


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.44 ng

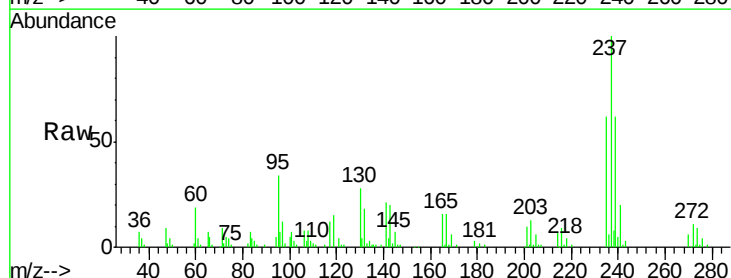
RT: 8.73 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

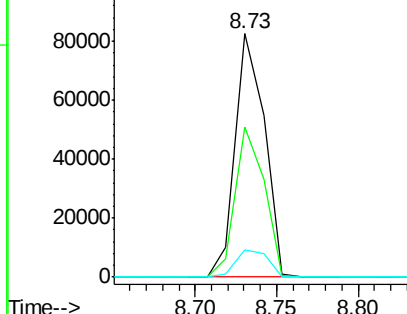
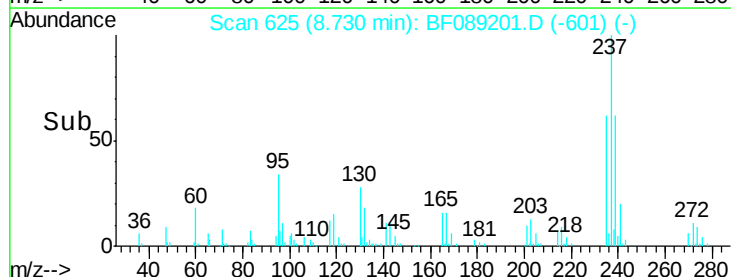
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	102005		
235	61.9	42.1	82.1	
272	11.1	0.0	31.4	

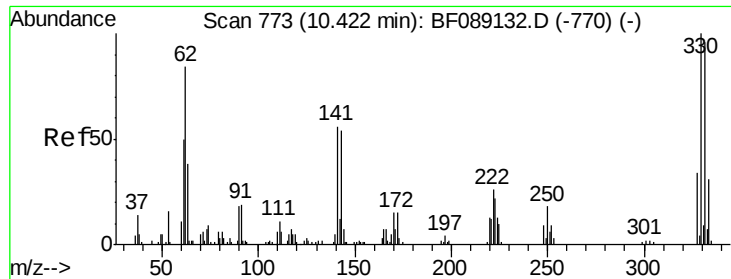


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





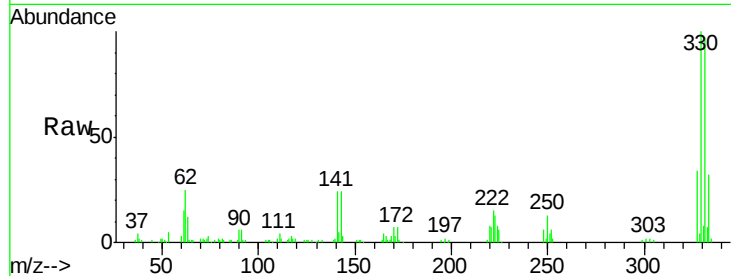
#41
 2,4,6-Tribromophenol
 Concen: 139.96 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BS

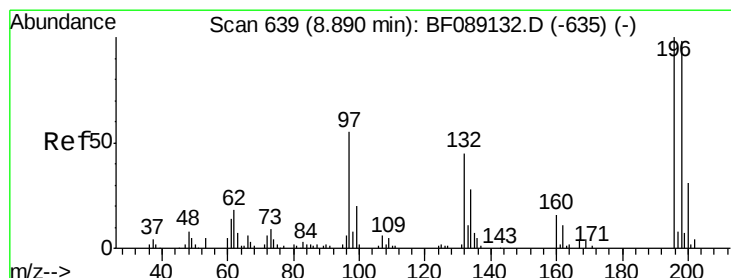
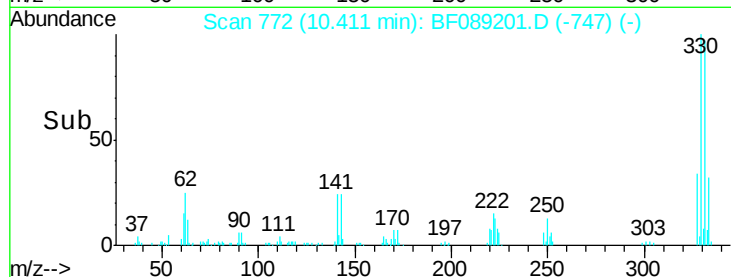
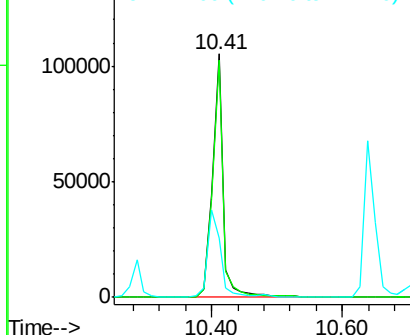
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	123196		
332	96.8	77.2	115.8	
141	42.9	42.2	63.2	

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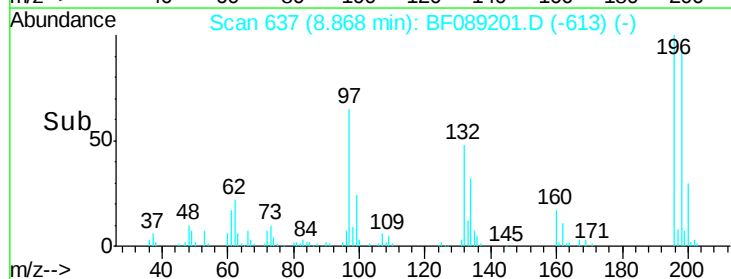
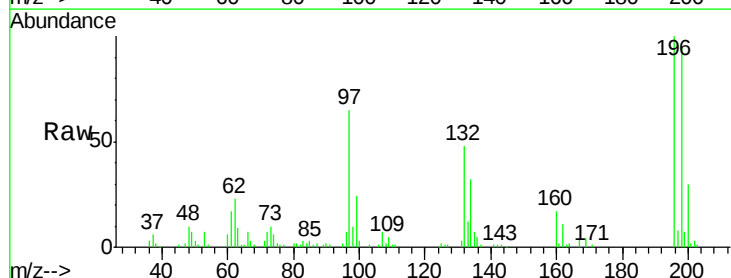
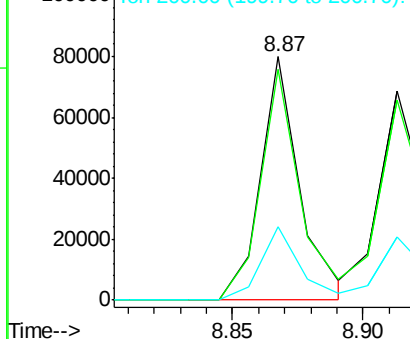
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

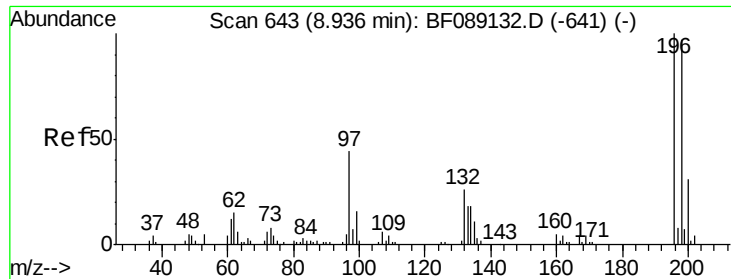


#42
 2,4,6-Trichlorophenol
 Concen: 41.23 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	83858		
198	94.7	78.3	117.5	
200	30.0	25.0	37.4	

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





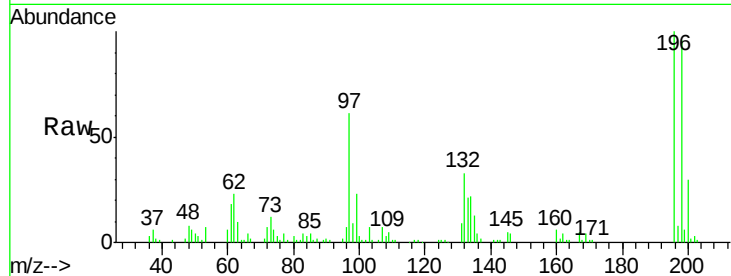
#43
 2,4,5-Trichlorophenol
 Concen: 47.76 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampled :
 PB92343BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97503		
198	95.8	77.6	116.4	
97	61.2	36.5	54.7#	
132	32.9	21.2	31.8#	

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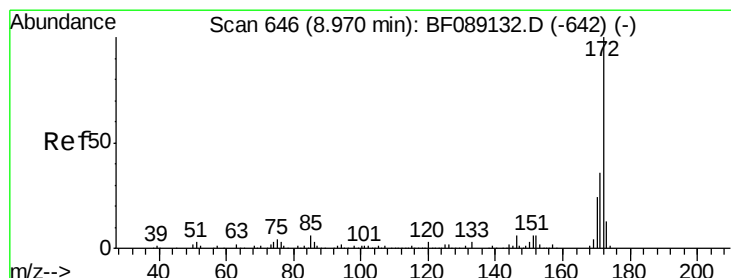
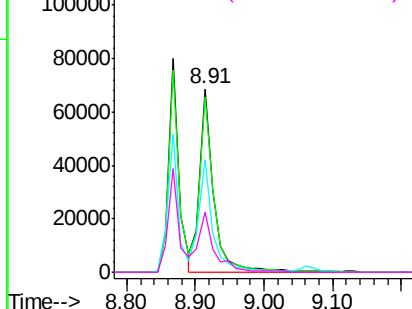
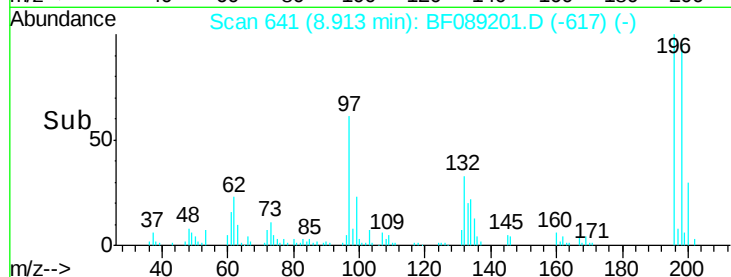
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

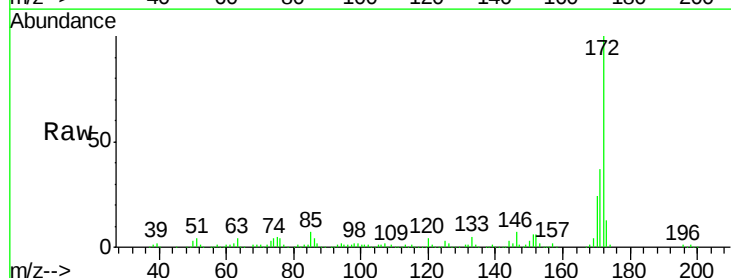
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.92 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	616790		
171	36.6	29.2	43.8	
170	24.1	19.1	28.7	

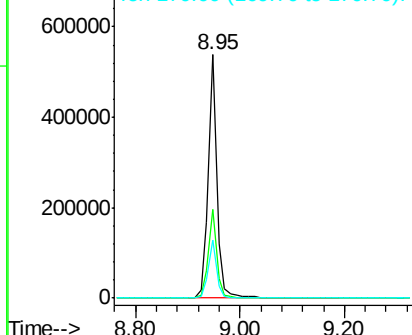
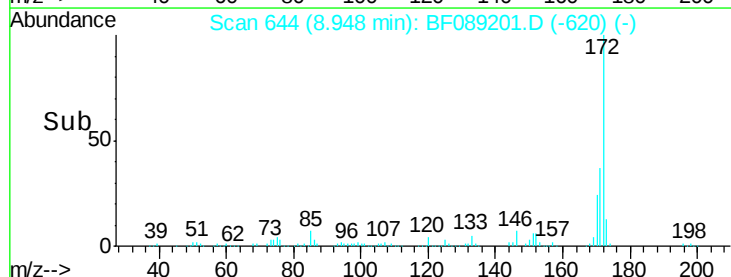


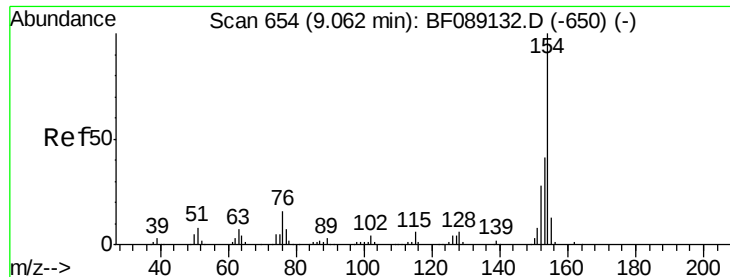
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





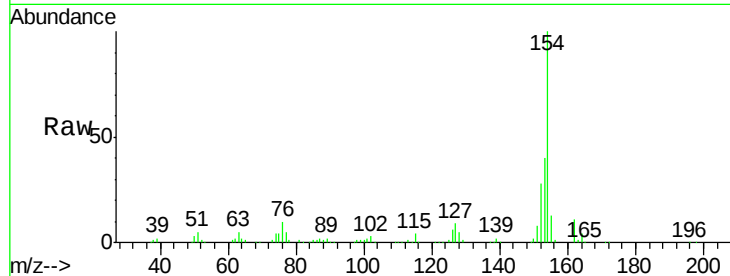
#45
 1,1'-Biphenyl
 Concen: 41.18 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BS

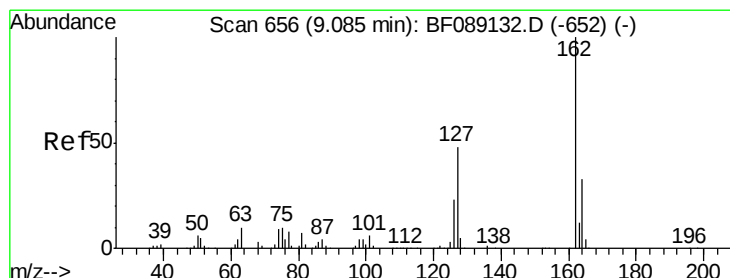
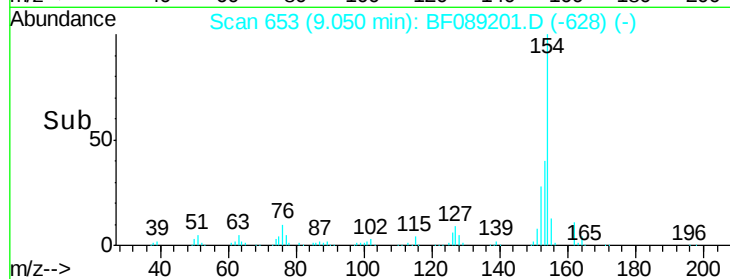
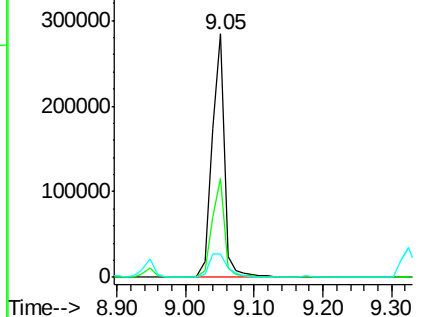
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	21.1	61.1	
76	9.7	0.0	35.8	

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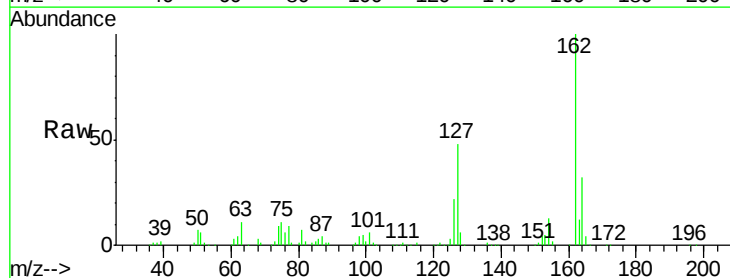


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

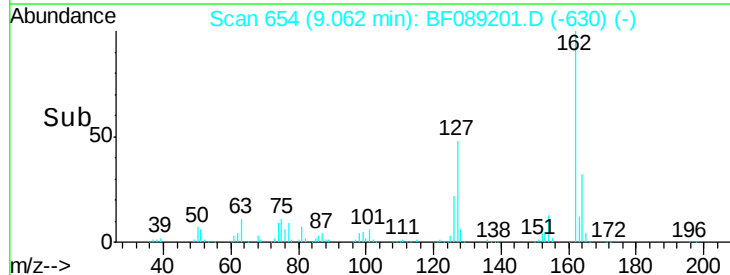
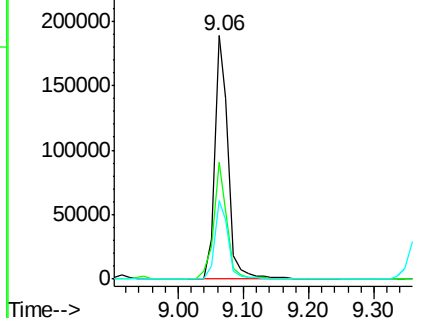


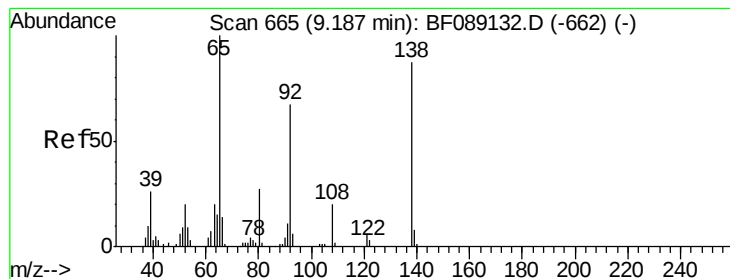
#46
 2-Chloronaphthalene
 Concen: 41.08 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	48.1	38.1	57.1	
164	32.0	26.1	39.1	



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





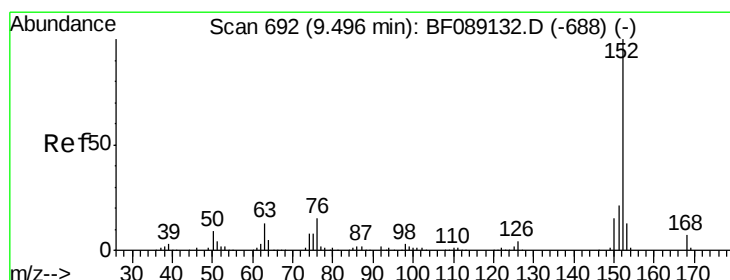
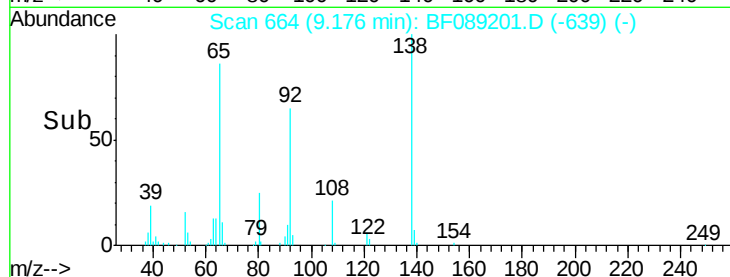
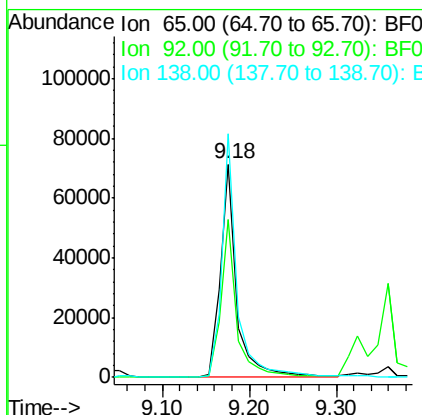
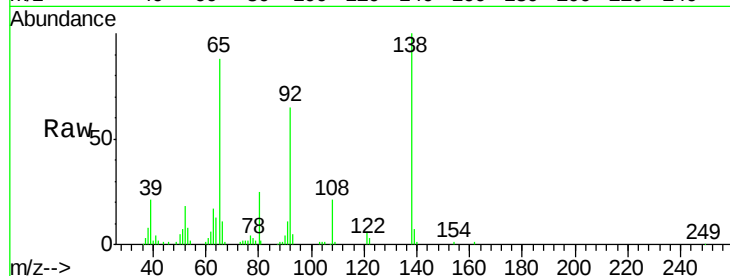
#47
2-Nitroaniline
Concen: 41.31 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Instrument :
BNA_F
ClientSampleId :
PB92343BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	53.2	79.8
138	114.2	69.4	104.2

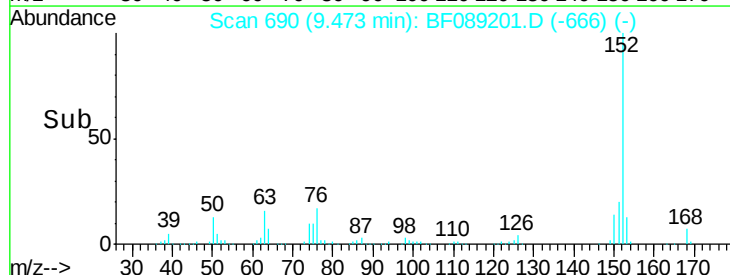
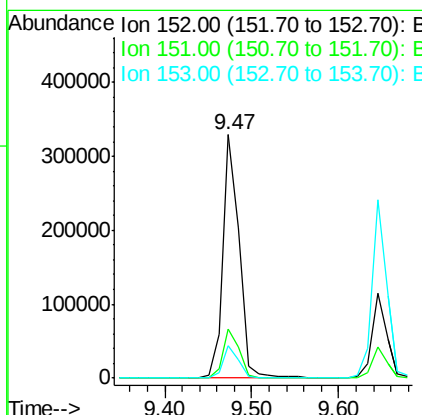
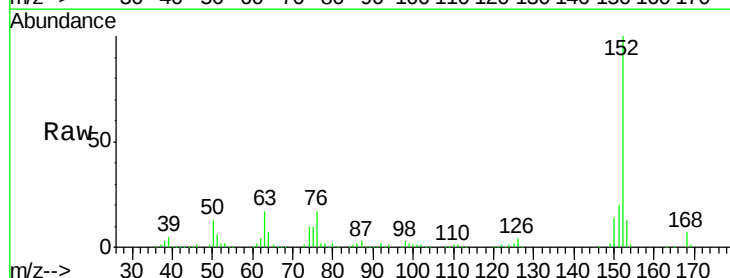
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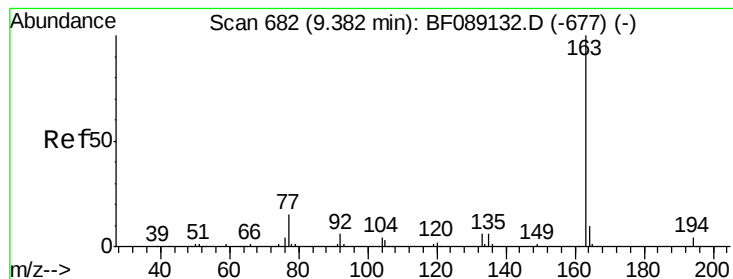
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#48
Acenaphthylene
Concen: 41.37 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	13.4	10.7	16.1





#49

Dimethylphthalate

Concen: 43.74 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

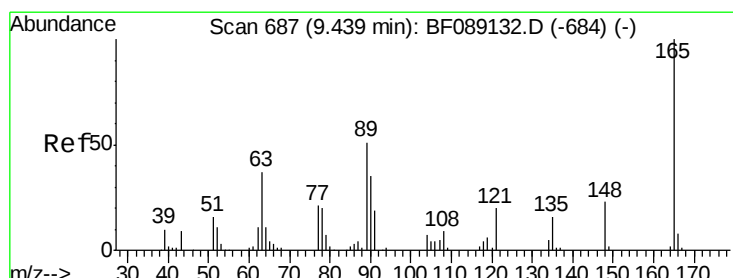
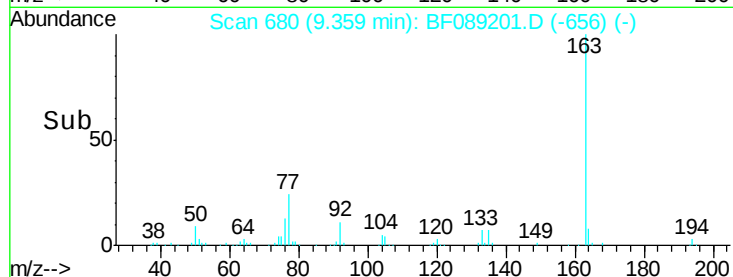
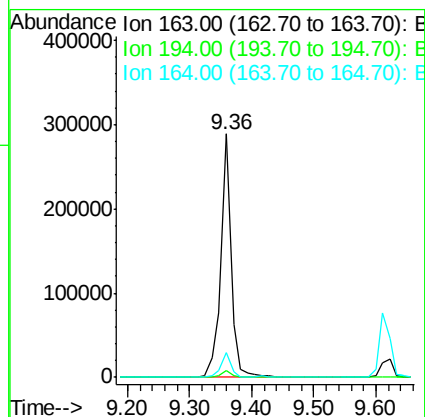
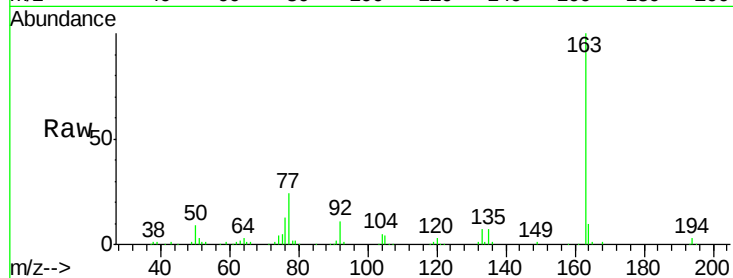
ClientSampleId :

PB92343BS

Tgt Ion:	163	Resp:	328132
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.9	4.3
164	10.2	7.6	11.4

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#50

2,6-Dinitrotoluene

Concen: 42.66 ng

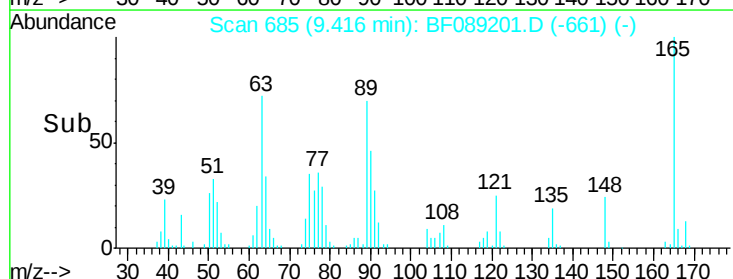
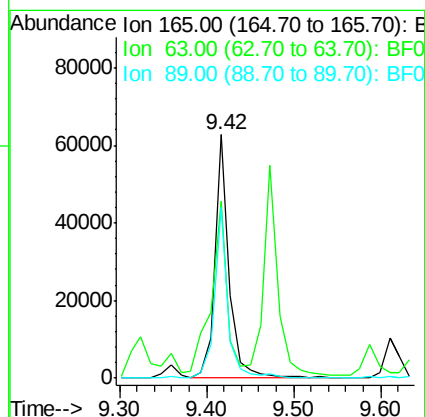
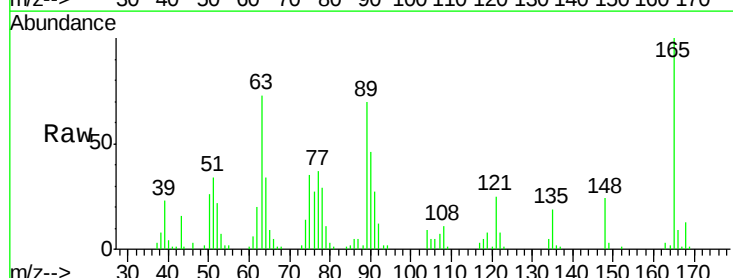
RT: 9.42 min Scan# 685

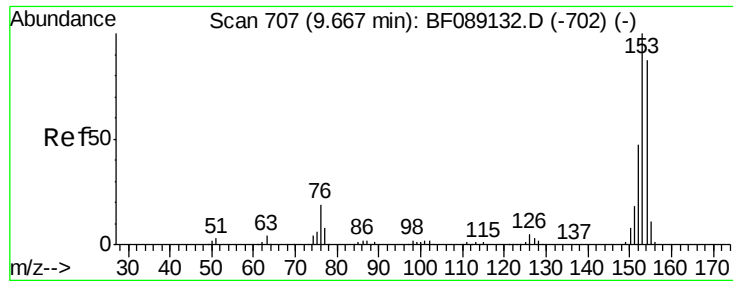
Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt Ion:	165	Resp:	72263
Ion Ratio	Lower	Upper	
165	100		
63	73.0	37.0	55.4#
89	70.0	40.9	61.3#





#51

Acenaphthene

Concen: 39.98 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

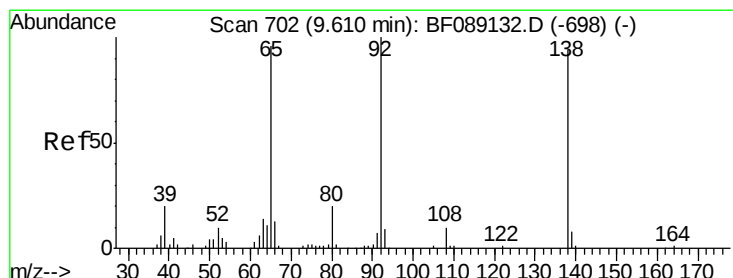
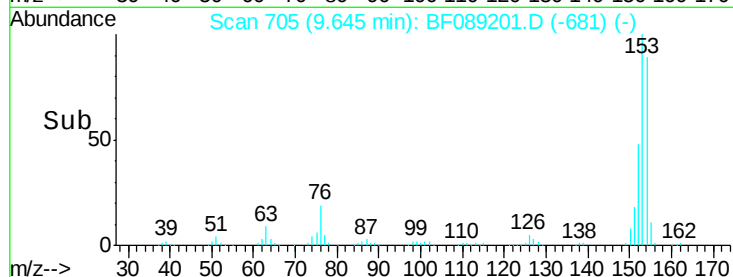
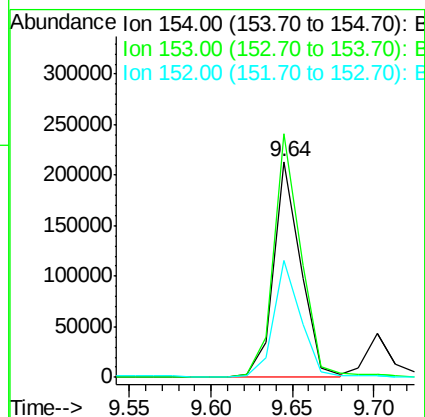
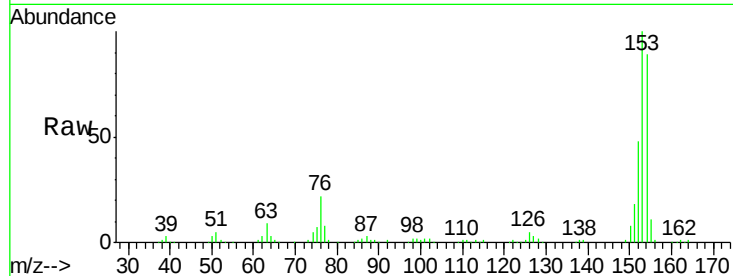
ClientSampleId :

PB92343BS

Tgt Ion:	154	Resp:	248799
Ion Ratio	Lower	Upper	
154	100		
153	112.9	91.9	137.9
152	54.0	42.8	64.2

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#52

3-Nitroaniline

Concen: 27.21 ng

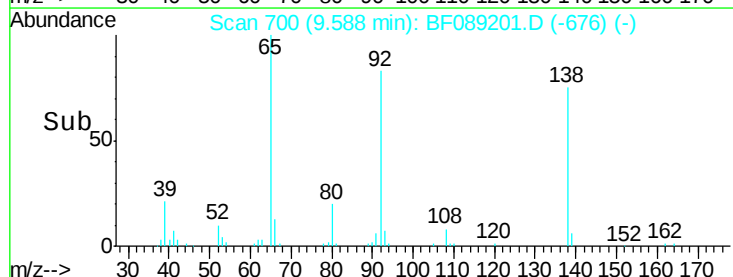
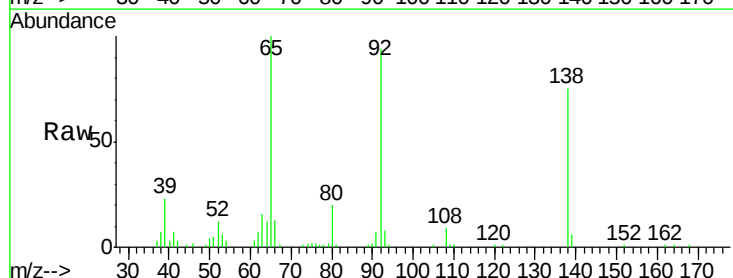
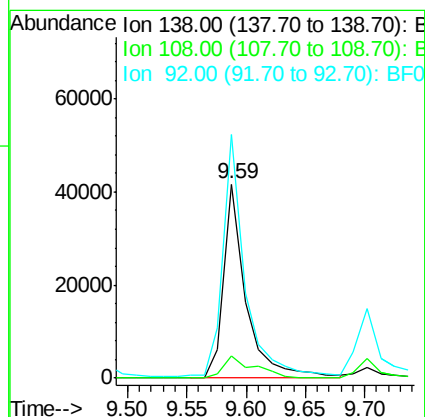
RT: 9.59 min Scan# 700

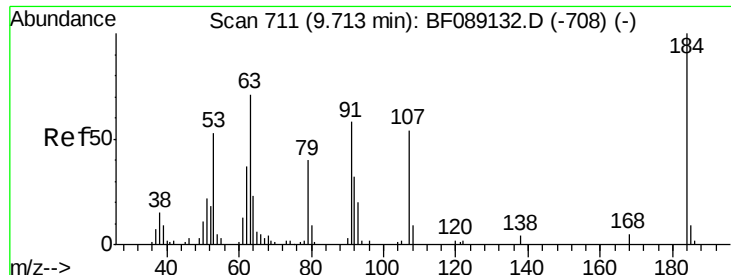
Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt Ion:	138	Resp:	54730
Ion Ratio	Lower	Upper	
138	100		
108	11.7	8.8	13.2
92	125.4	85.3	127.9





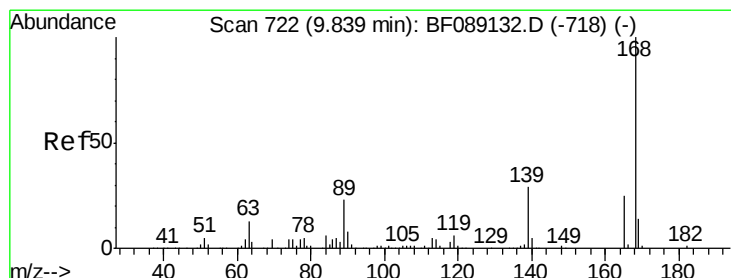
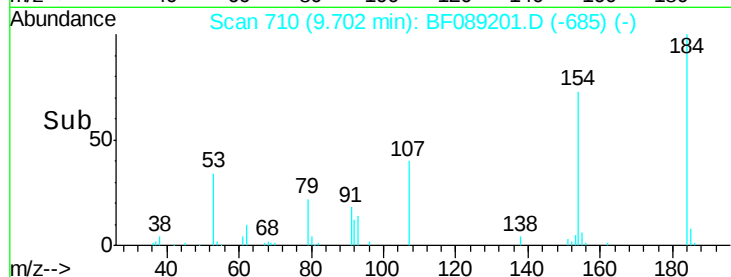
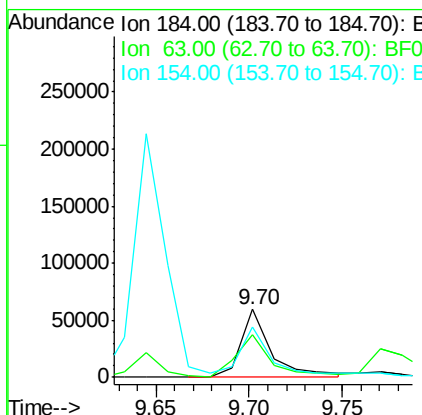
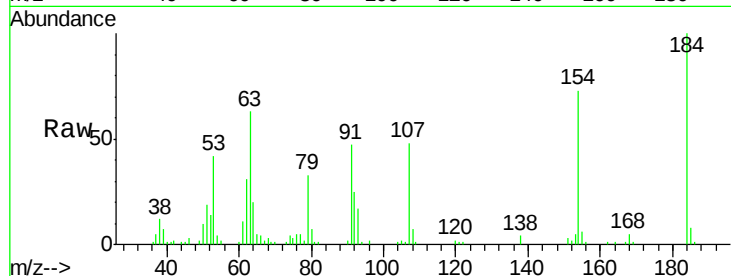
#53
2,4-Dinitrophenol
Concen: 78.47 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Instrument :
BNA_F
ClientSampleId :
PB92343BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	67624		
63	62.9	60.3	90.5	
154	73.3	60.7	91.1	

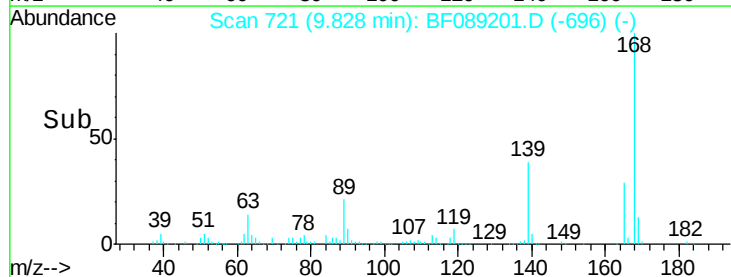
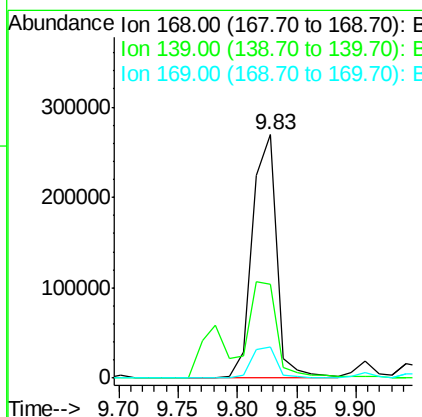
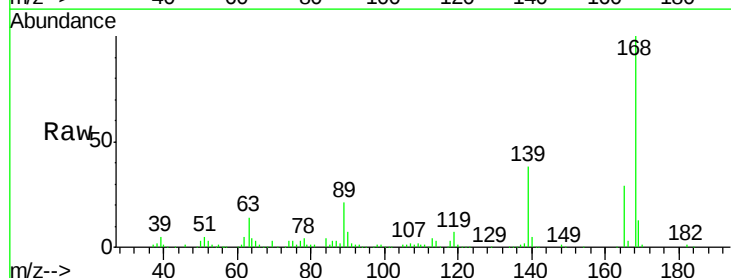
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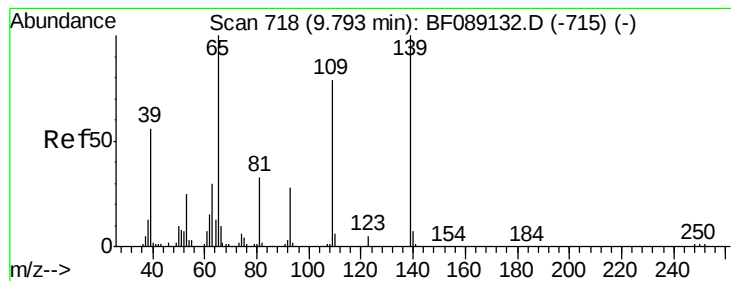
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#54
Dibenzofuran
Concen: 46.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	386765		
139	38.5	34.4	51.6	
169	12.8	10.8	16.2	





#55

4-Nitrophenol

Concen: 68.15 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

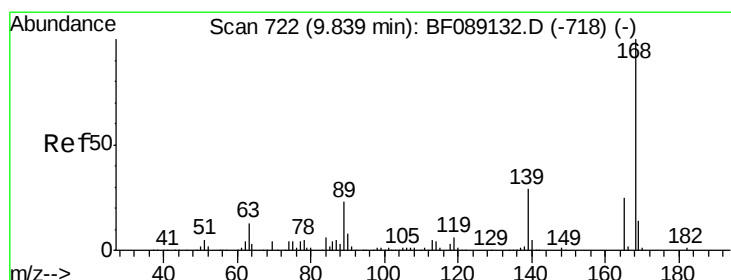
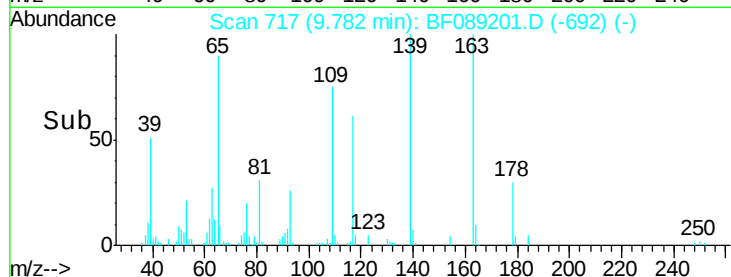
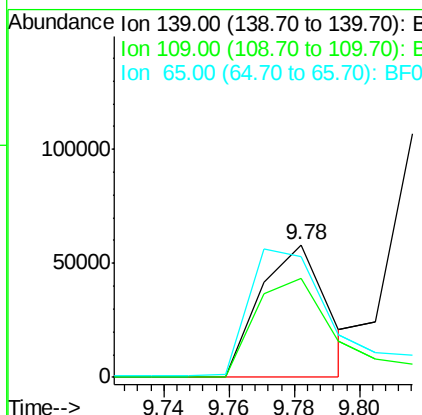
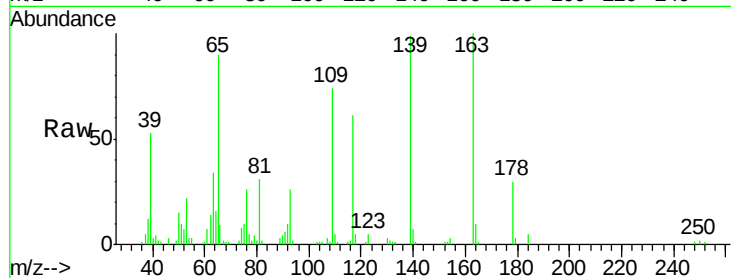
ClientSampled :

PB92343BS

Tgt Ion:	139	Resp:	82937
Ion Ratio	Lower	Upper	
139	100		
109	75.2	58.7	98.7
65	90.9	80.2	120.2

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#56

2,4-Dinitrotoluene

Concen: 46.40 ng

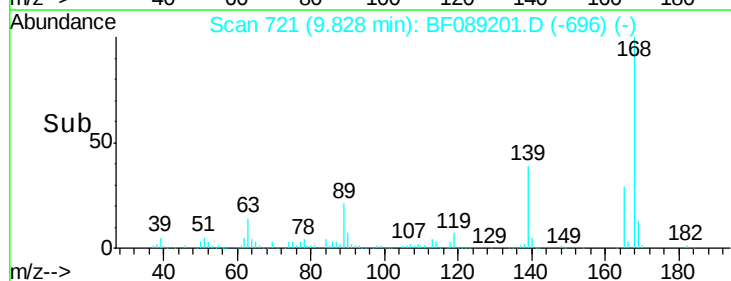
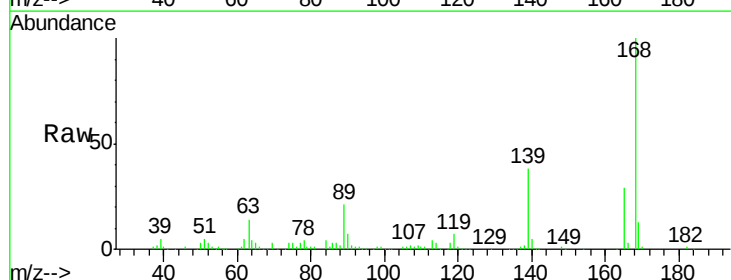
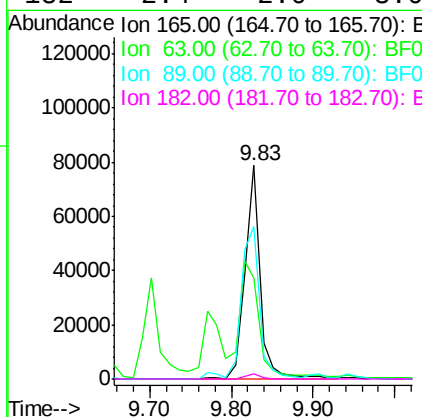
RT: 9.83 min Scan# 721

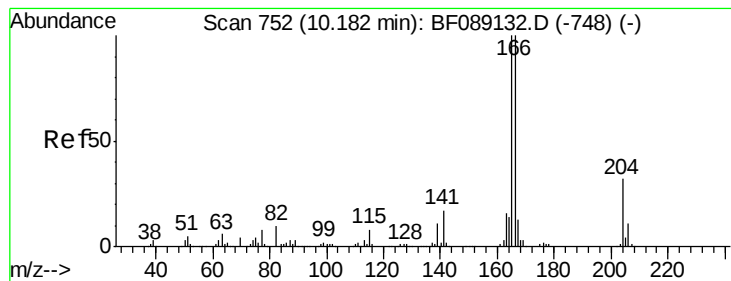
Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt Ion:	165	Resp:	101233
Ion Ratio	Lower	Upper	
165	100		
63	47.6	55.4	83.2#
89	71.2	74.3	111.5#
182	2.4	2.0	3.0





#57

Fluorene

Concen: 41.56 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

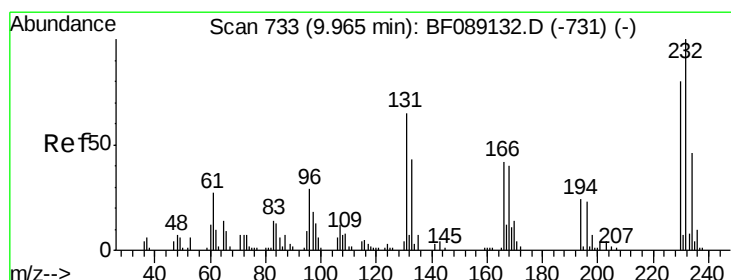
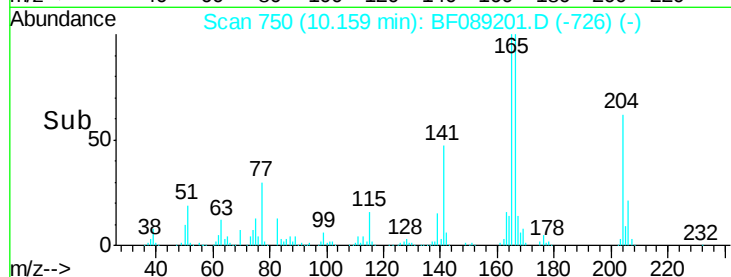
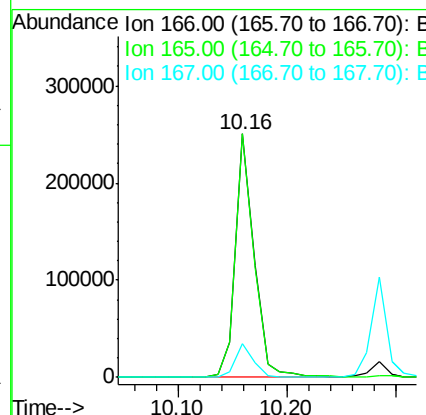
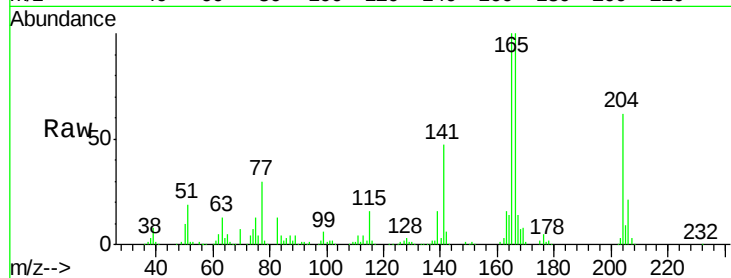
ClientSampleId :

PB92343BS

Tgt Ion:	166	Resp:	296603
Ion Ratio	Lower	Upper	
166	100		
165	100.2	79.9	119.9
167	13.7	10.7	16.1

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.82 ng

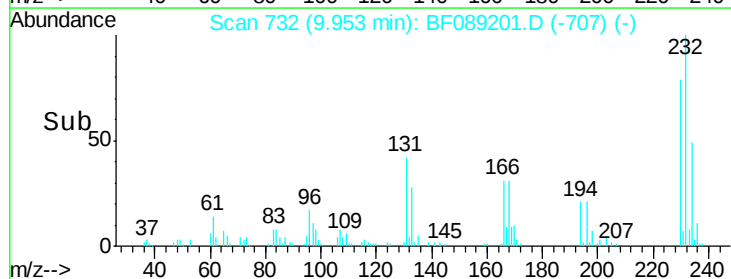
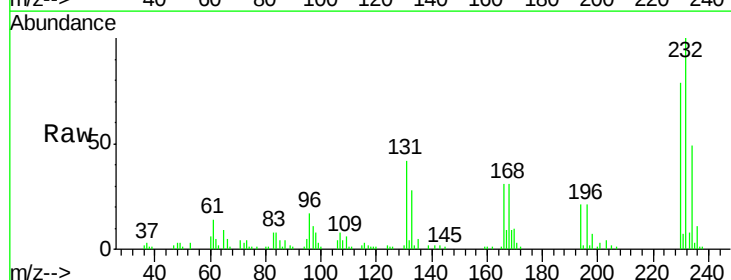
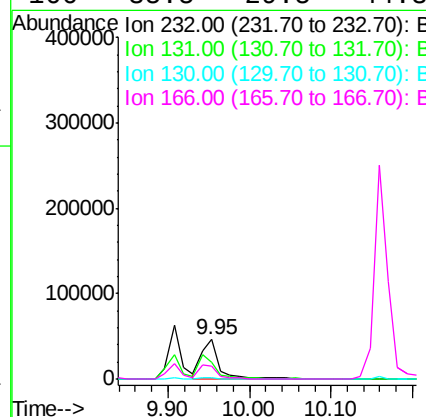
RT: 9.95 min Scan# 732

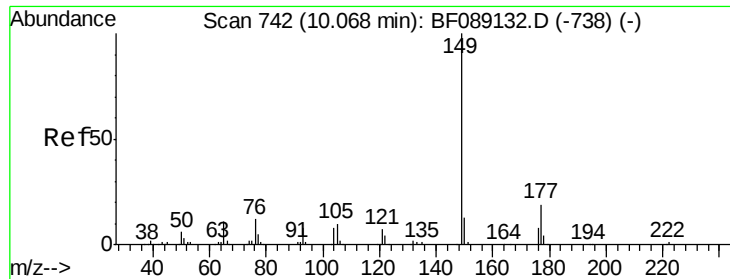
Delta R.T. -0.01 min

Lab File: BF089201.D

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Tgt Ion:	232	Resp:	70122
Ion Ratio	Lower	Upper	
232	100		
131	58.8	46.2	69.2
130	2.8	2.3	3.5
166	35.5	29.5	44.3





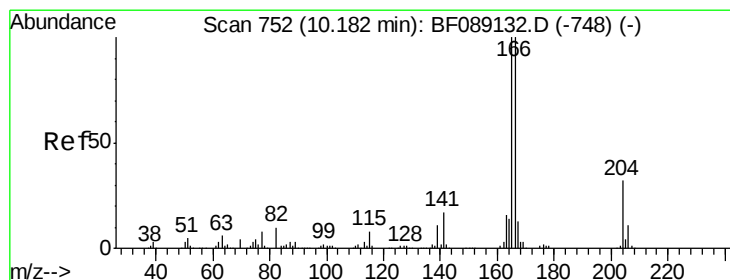
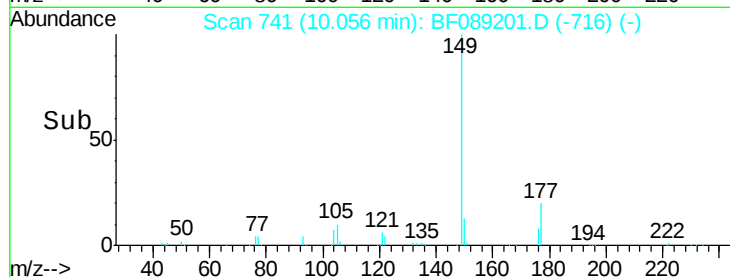
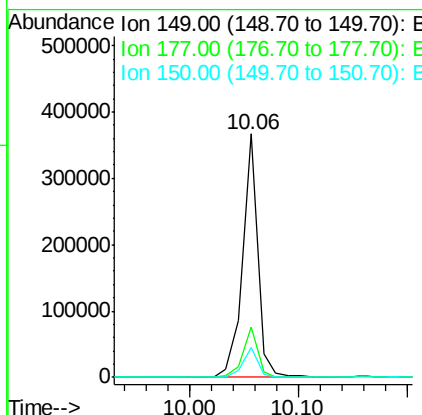
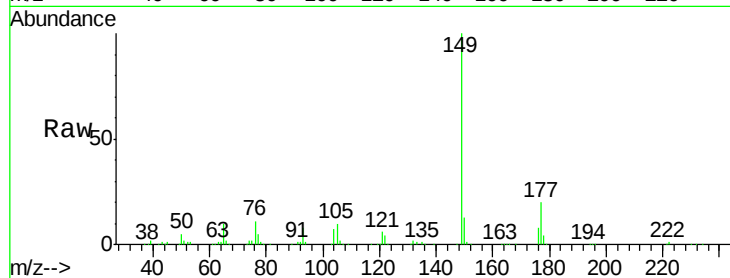
#59
Diethylphthalate
Concen: 47.46 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Instrument :
BNA_F
ClientSampleId :
PB92343BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	353076		
177	20.5	15.6	23.4	
150	12.5	10.1	15.1	

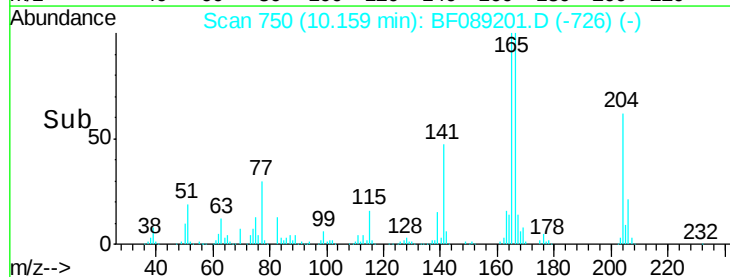
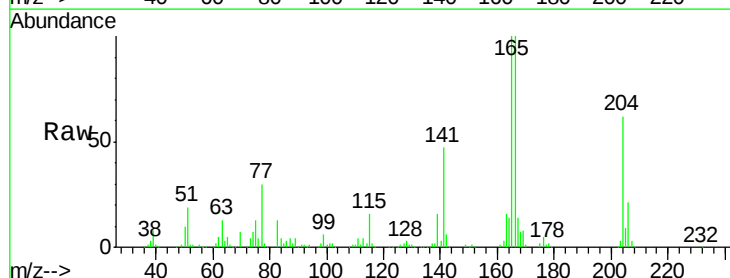
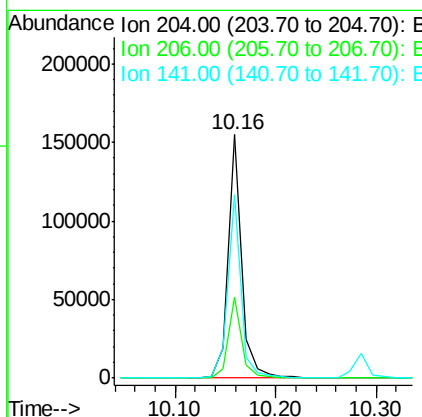
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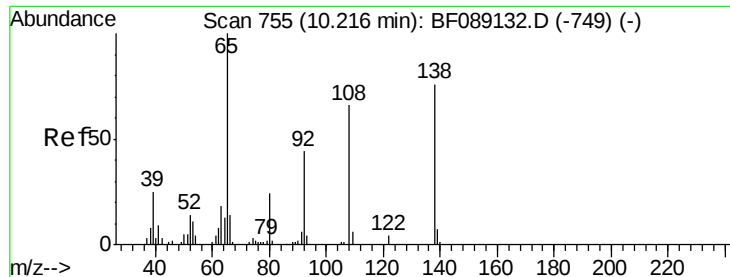
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#60
4-Chlorophenyl-phenylether
Concen: 44.30 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	144343		
206	33.2	26.2	39.4	
141	75.6	42.2	63.4#	





#61

4-Nitroaniline

Concen: 41.34 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

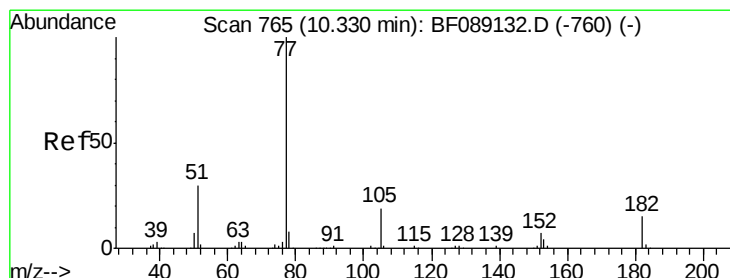
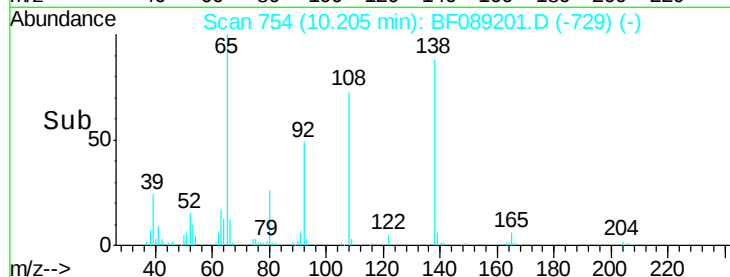
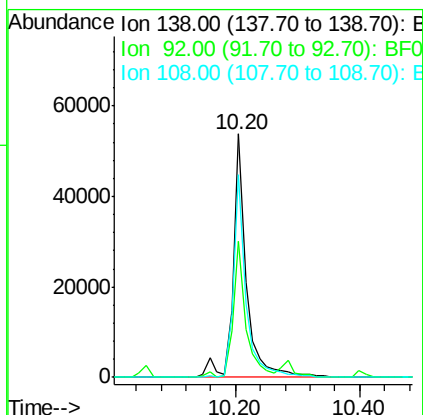
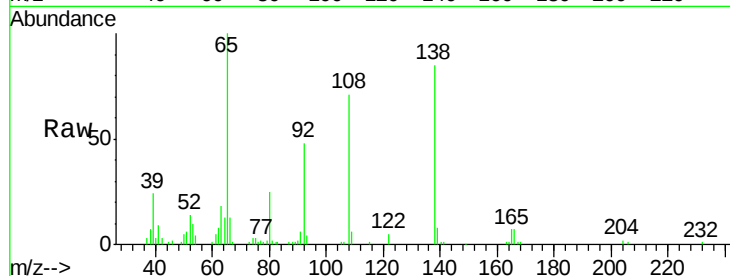
ClientSampleId :

PB92343BS

Tgt Ion:	138	Resp:	80901
Ion Ratio	Lower	Upper	
138	100		
92	55.9	37.2	77.2
108	83.2	66.1	106.1

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#62

Azobenzene

Concen: 48.78 ng

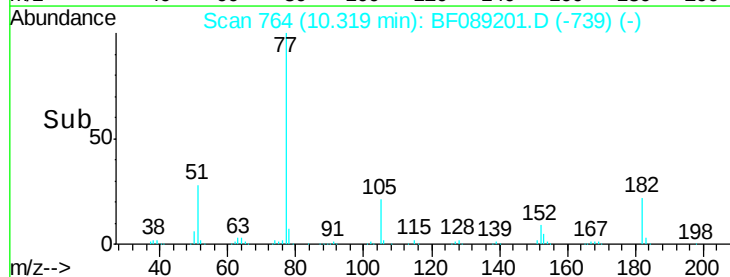
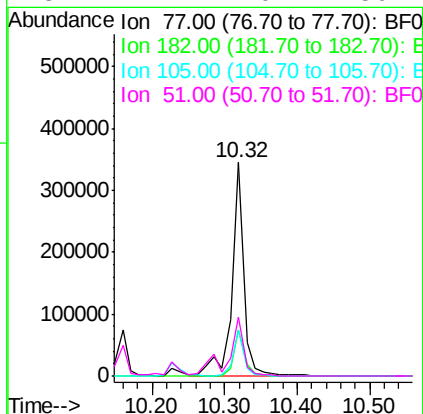
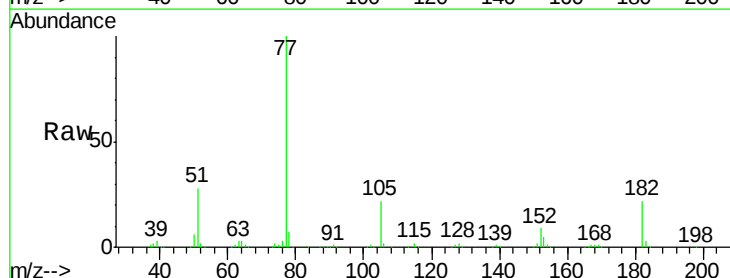
RT: 10.32 min Scan# 764

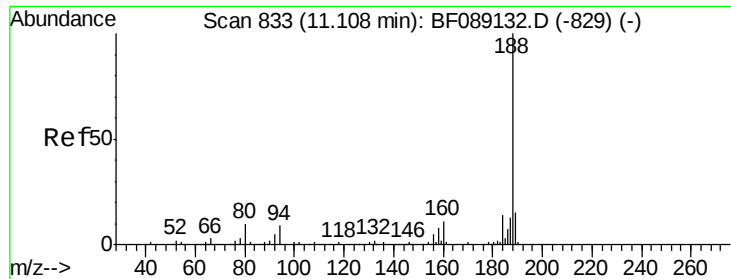
Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt Ion:	77	Resp:	394389
Ion Ratio	Lower	Upper	
77	100		
182	21.6	0.0	35.0
105	21.7	0.0	39.4
51	27.7	10.7	50.7





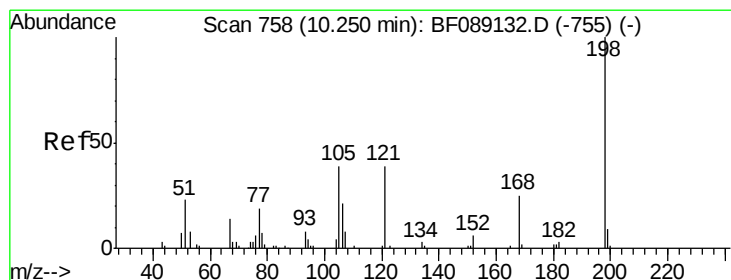
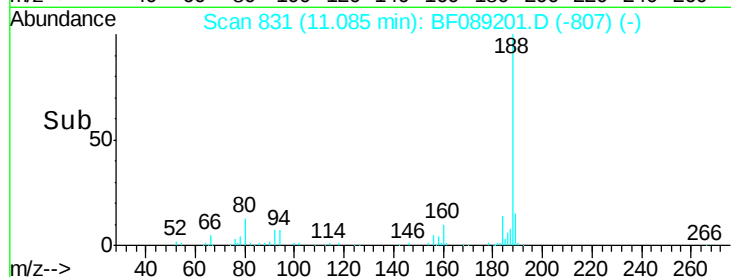
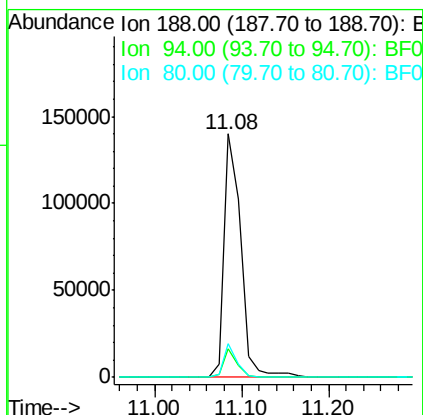
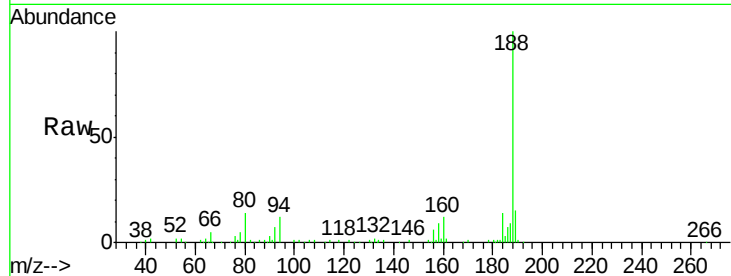
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Instrument :
BNA_F
ClientSampleId :
PB92343BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	188157		
94	11.7	7.0	10.4#	
80	13.7	7.7	11.5#	

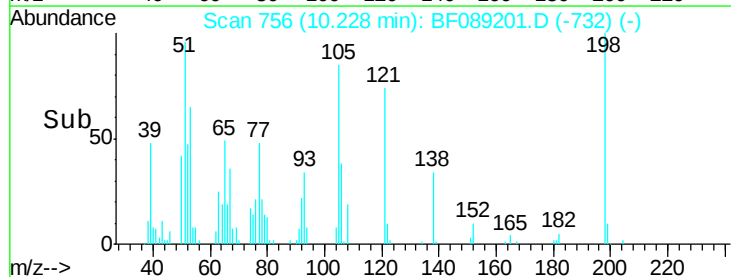
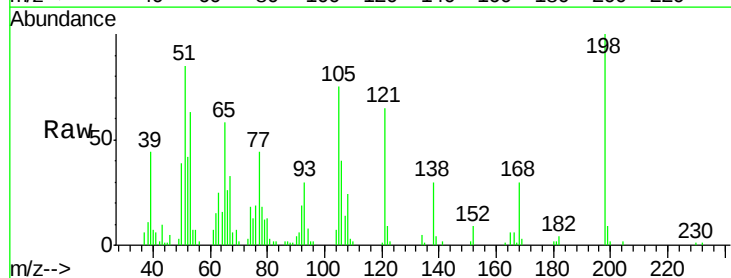
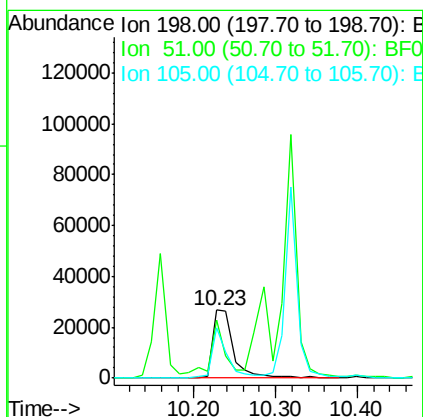
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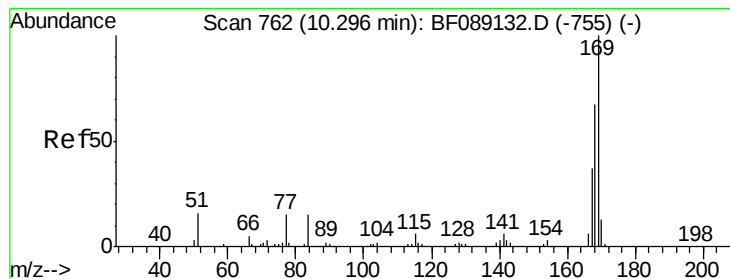
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.65 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	47814		
51	85.0	11.7	51.7#	
105	74.9	20.3	60.3#	





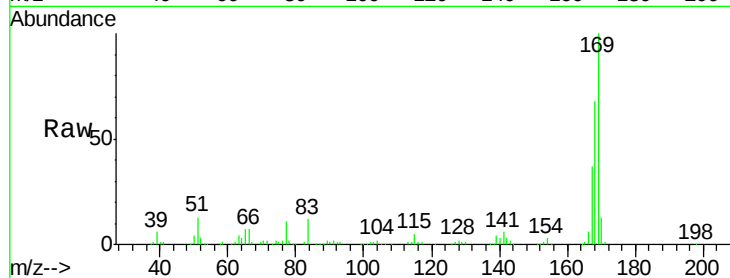
#65
 n-Nitrosodiphenylamine
 Concen: 45.73 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BS

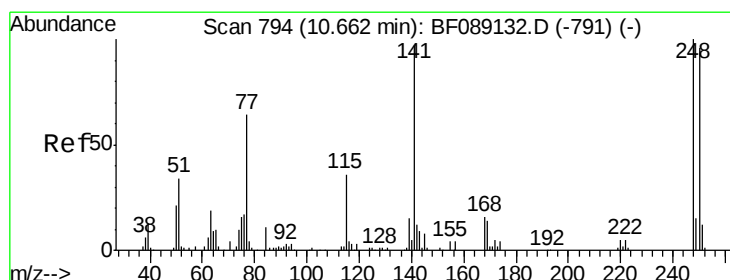
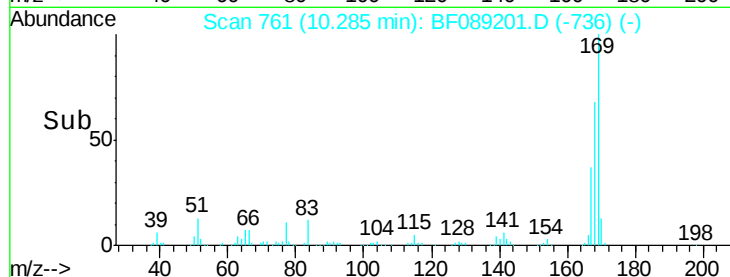
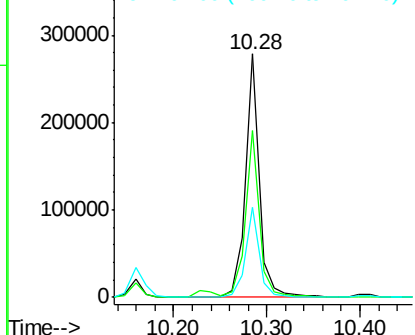
Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	68.3	53.4	80.0
167	37.1	29.5	44.3

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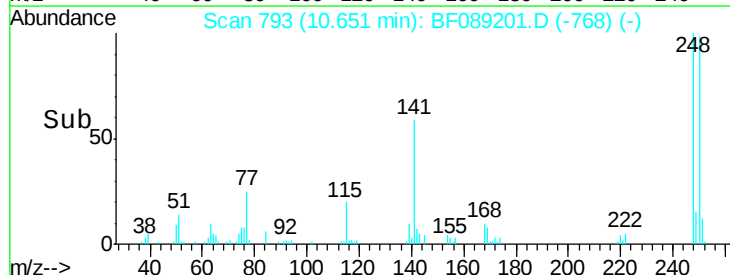
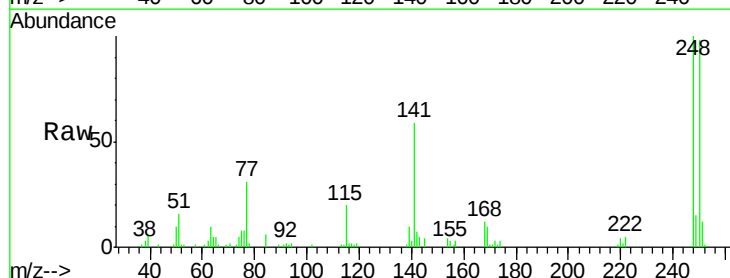
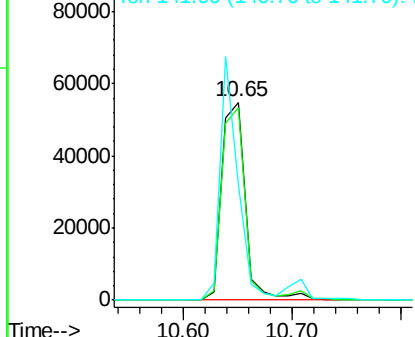
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

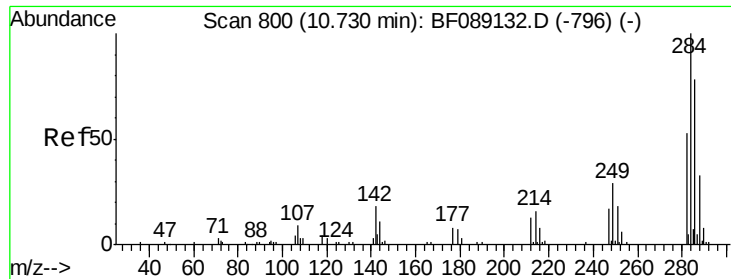


#66
 4-Bromophenyl-phenylether
 Concen: 44.47 ng
 RT: 10.65 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	97.6	76.9	115.3
141	58.6	77.4	116.2

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





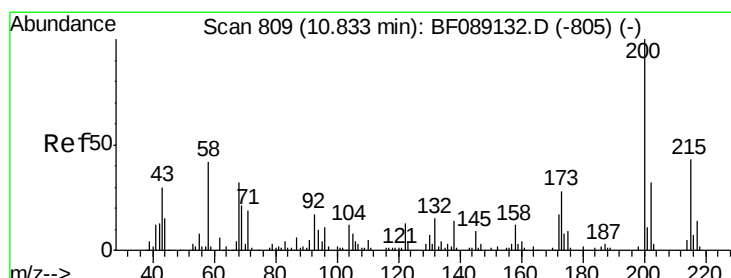
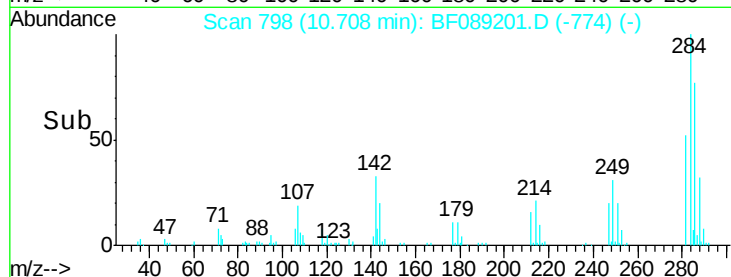
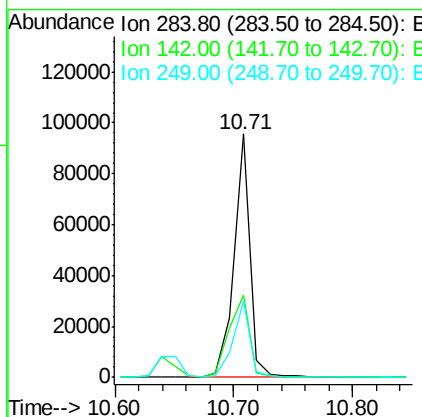
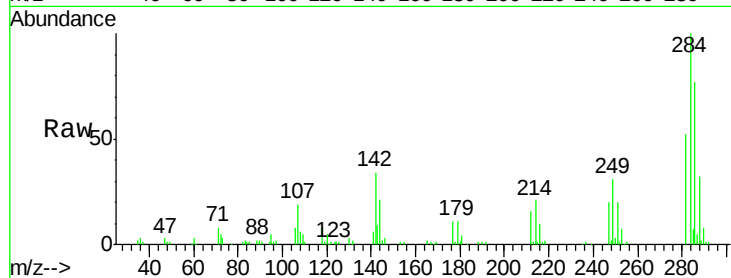
#67
Hexachlorobenzene
Concen: 44.61 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Instrument :
BNA_F
ClientSampleId :
PB92343BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	89338		
142	33.8	14.1	21.1	#
249	31.1	23.0	34.4	

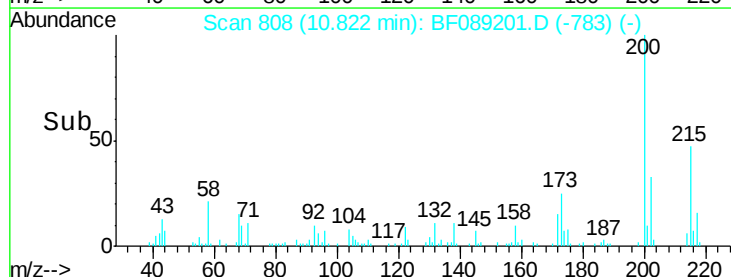
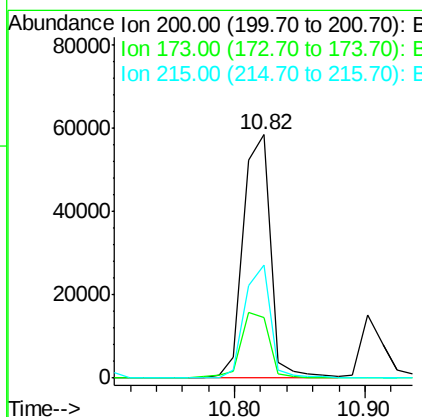
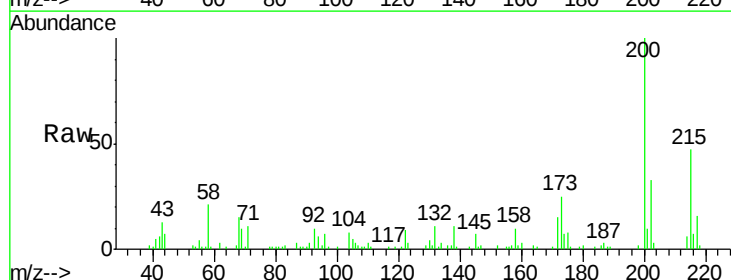
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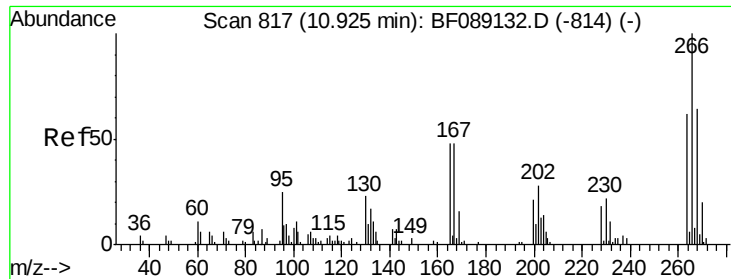
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#68
Atrazine
Concen: 43.20 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	84959		
173	24.8	7.8	47.8	
215	46.6	22.9	62.9	





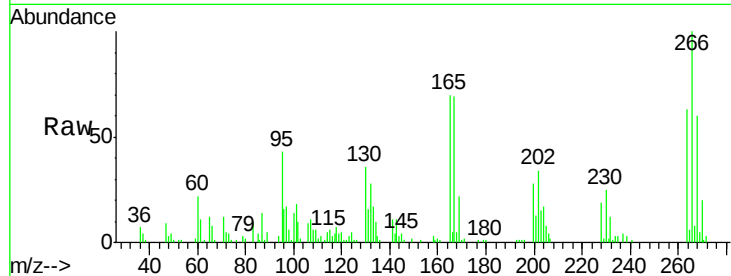
#69
 Pentachlorophenol
 Concen: 90.72 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BS

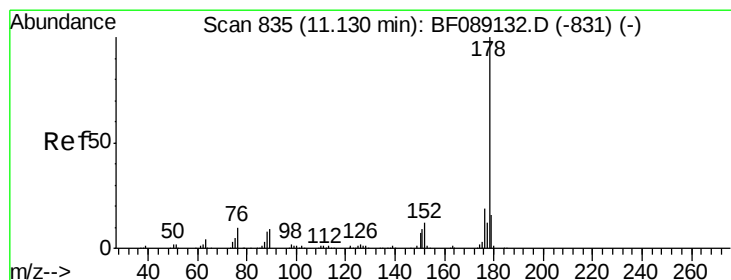
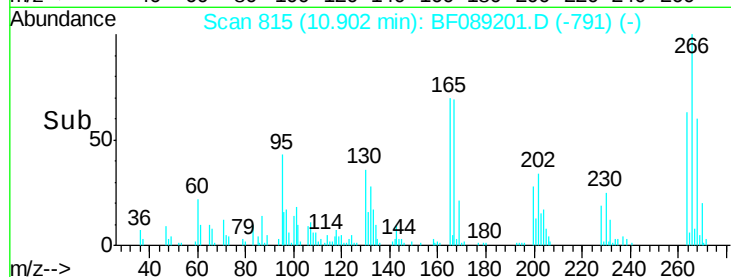
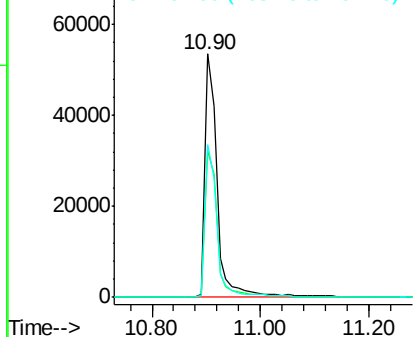
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	83818		
268	60.3	51.2	76.8	
264	62.9	49.7	74.5	

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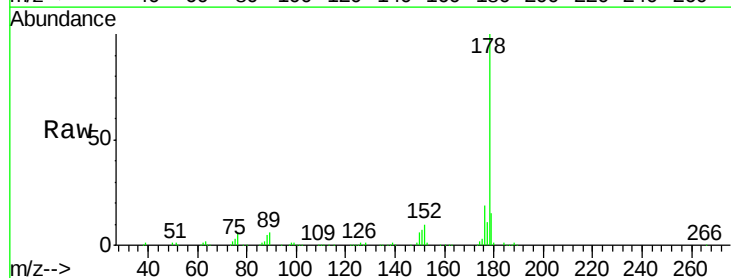


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

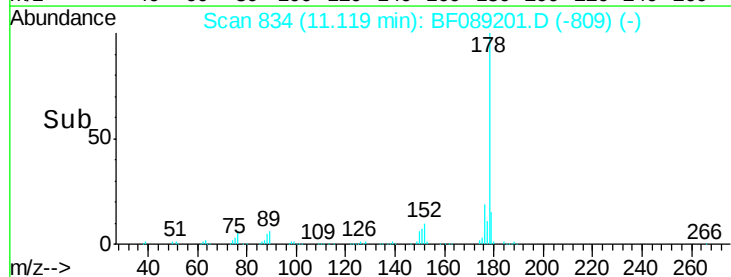
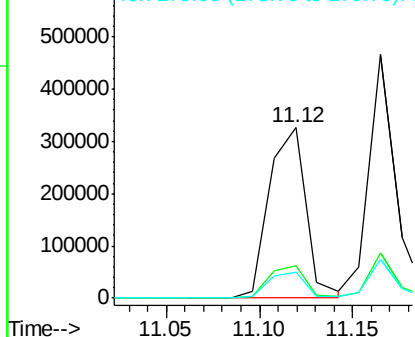


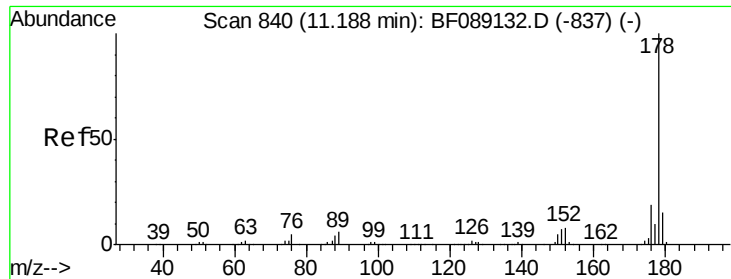
#70
 Phenanthrene
 Concen: 43.32 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	447138		
176	18.8	15.6	23.4	
179	15.1	12.4	18.6	



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





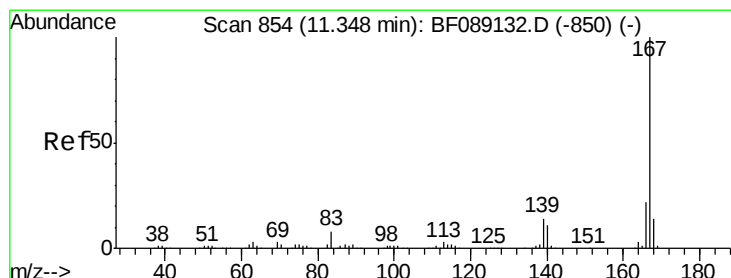
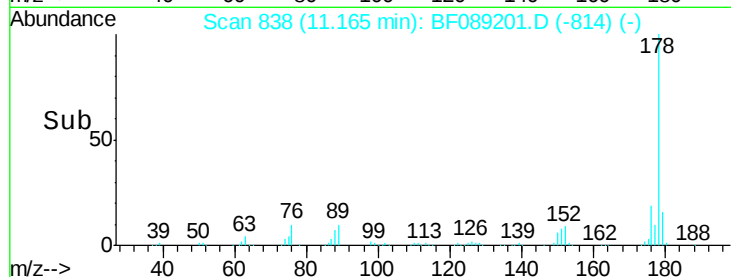
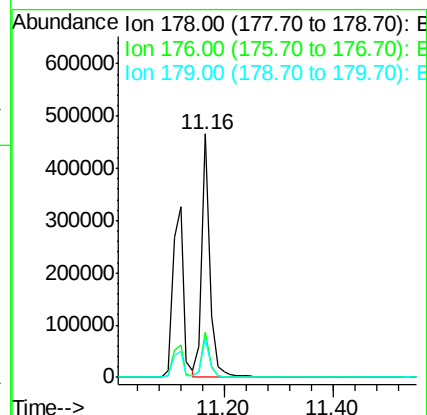
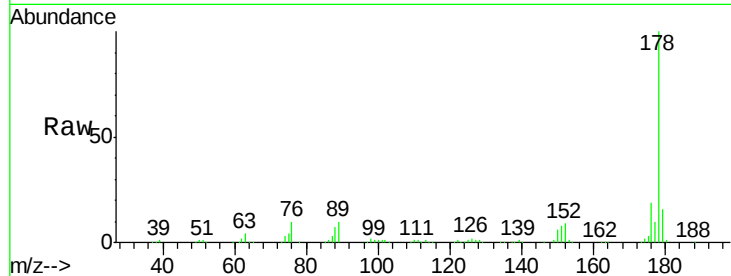
#71
 Anthracene
 Concen: 44.76 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.8	12.0	18.0

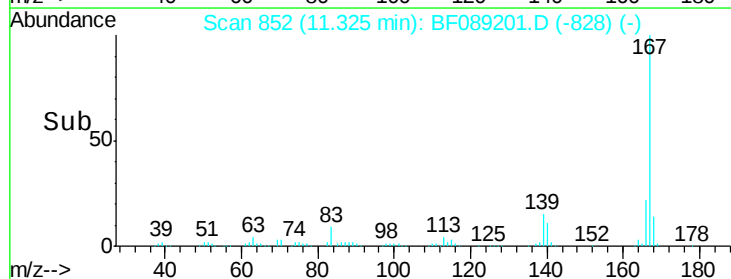
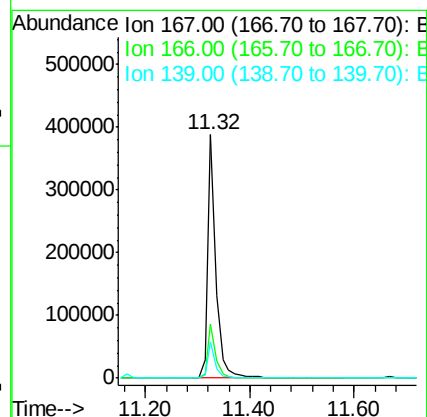
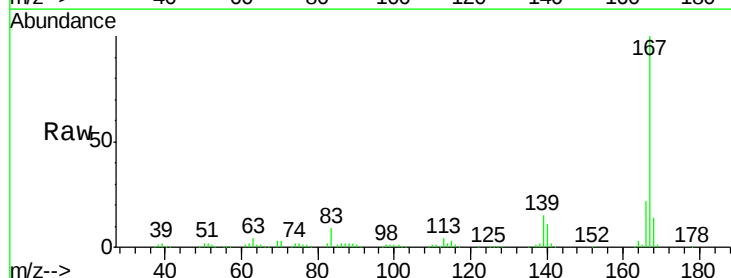
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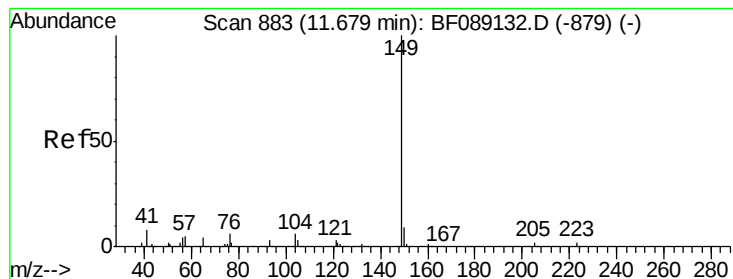
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#72
 Carbazole
 Concen: 45.25 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	14.8	11.0	16.4





#73

Di-n-butylphthalate

Concen: 48.36 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

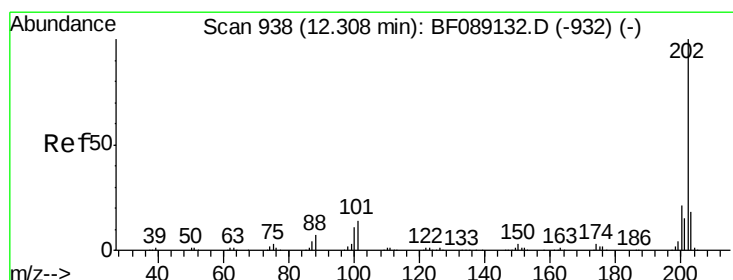
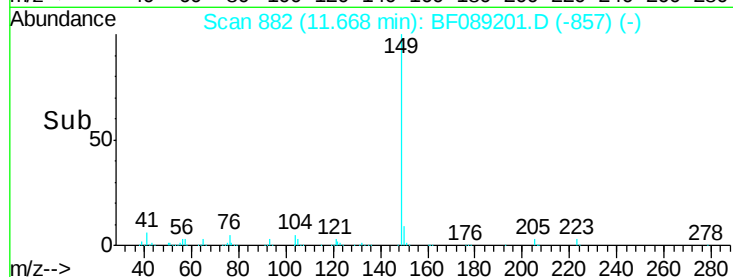
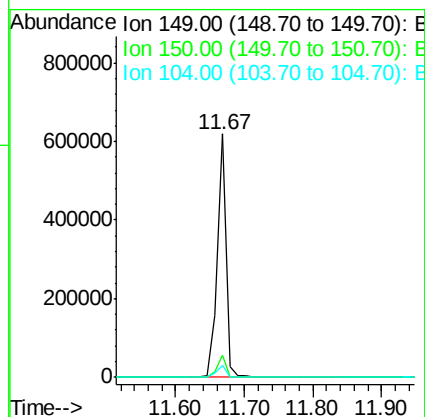
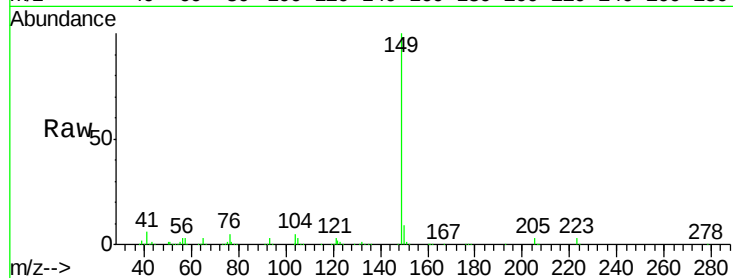
ClientSampleId :

PB92343BS

Tgt Ion:	149	Resp:	563644
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.4	11.2
104	5.0	4.6	6.8

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#74

Fluoranthene

Concen: 44.05 ng

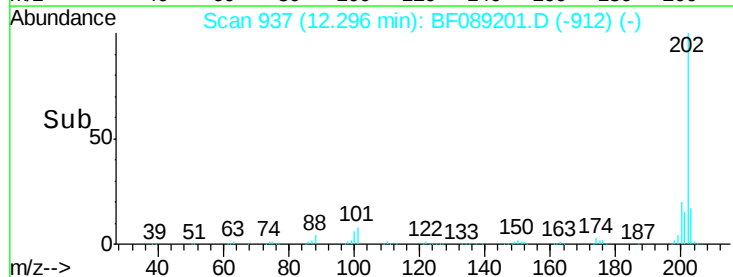
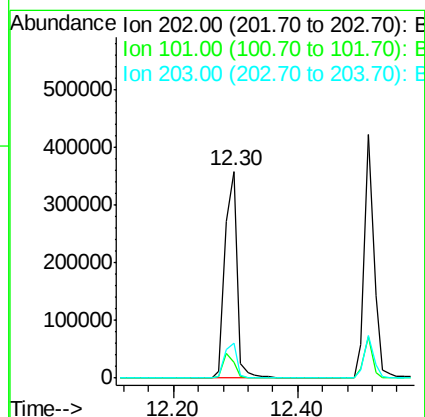
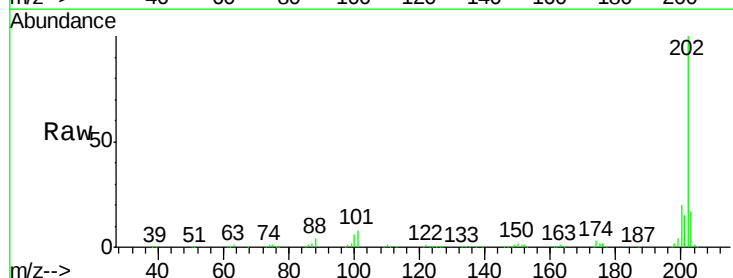
RT: 12.30 min Scan# 937

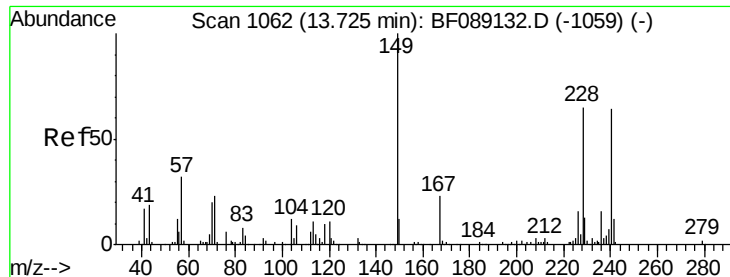
Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt Ion:	202	Resp:	477889
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	34.0
203	17.1	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

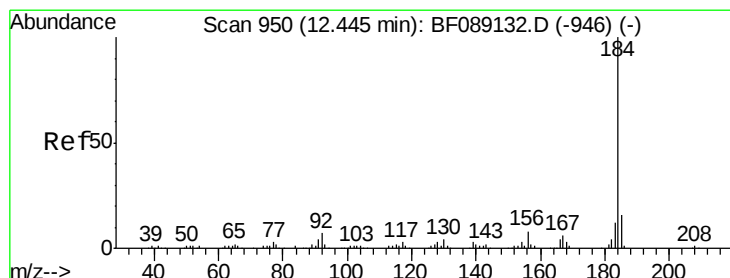
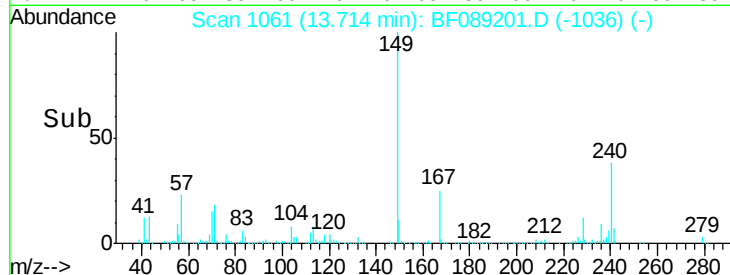
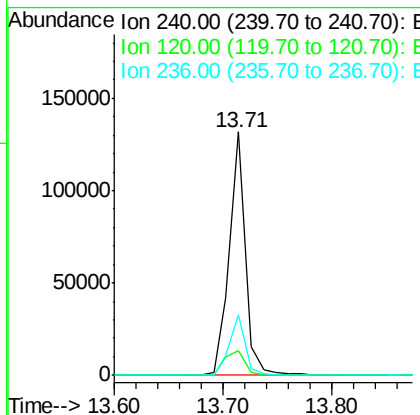
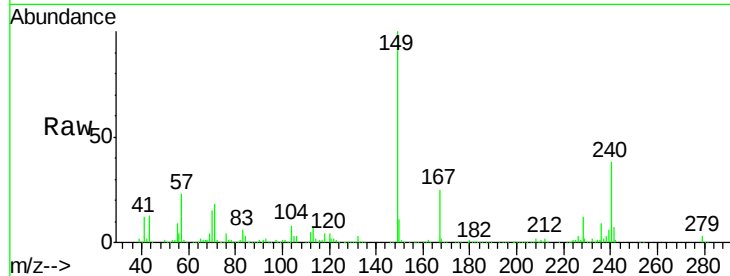
ClientSampleId :

PB92343BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	134951		
120	10.2	13.6	20.4#	
236	25.0	20.5	30.7	

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#76

Benzidine

Concen: 37.93 ng

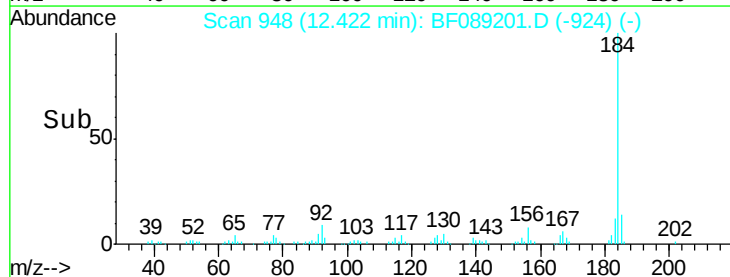
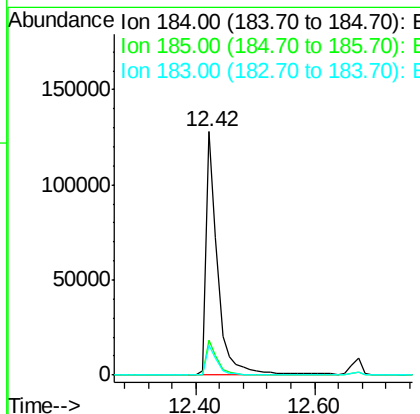
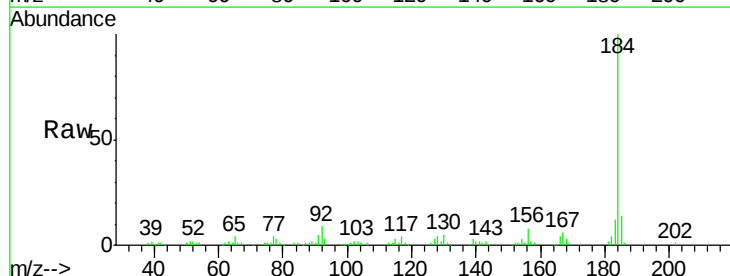
RT: 12.42 min Scan# 948

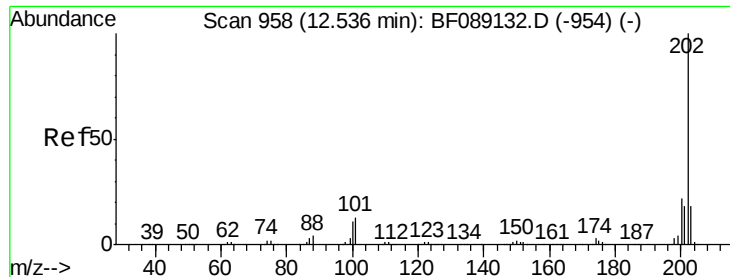
Delta R.T. -0.02 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	175964		
185	14.5	12.5	18.7	
183	12.3	9.6	14.4	





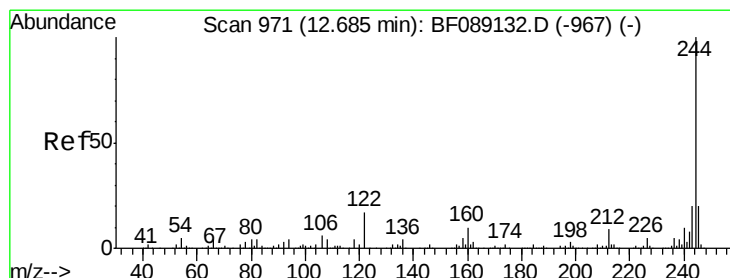
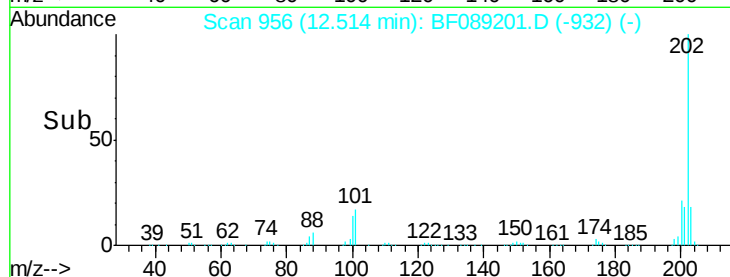
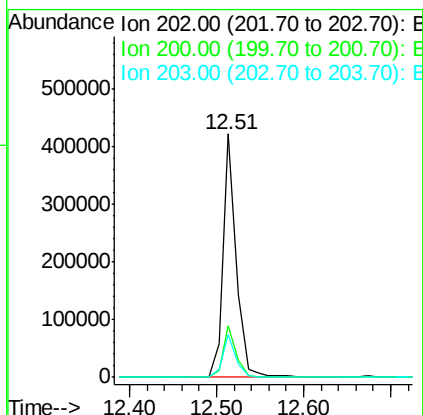
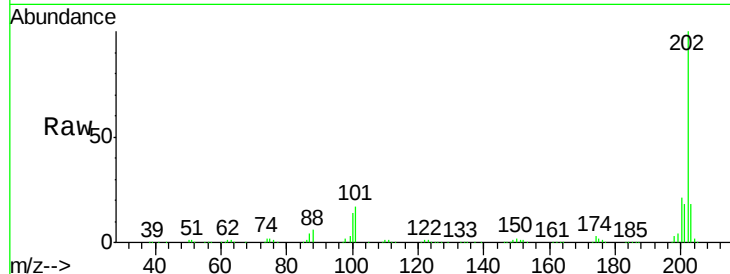
#77
 Pyrene
 Concen: 40.40 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampled :
 PB92343BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.3	17.4	26.0
203	17.7	14.2	21.2

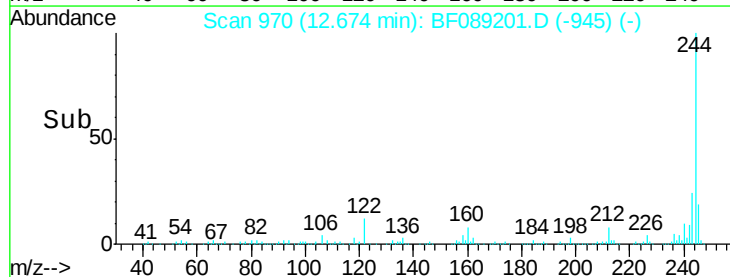
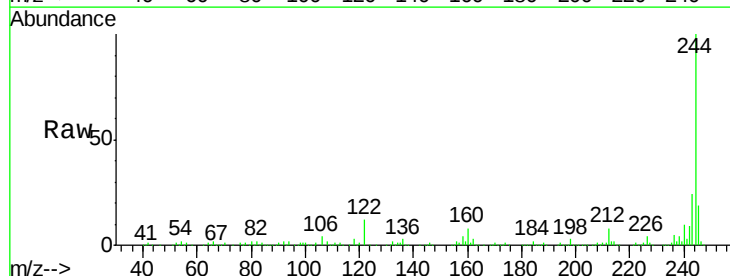
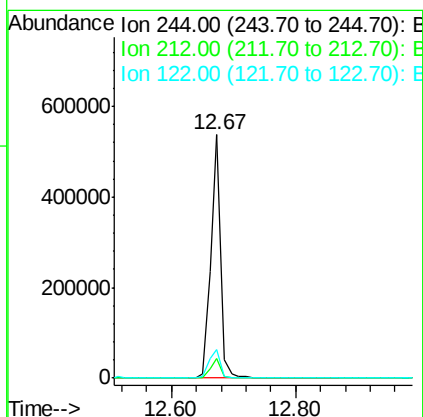
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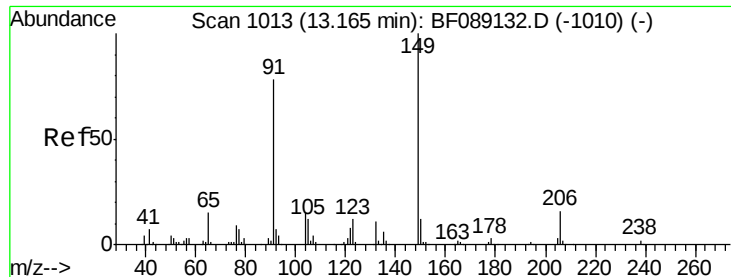
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#78
 Terphenyl-d14
 Concen: 93.66 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.9	7.0	10.4
122	12.0	13.8	20.8#





#79

Butylbenzylphthalate

Concen: 48.55 ng

RT: 13.15 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Instrument :

BNA_F

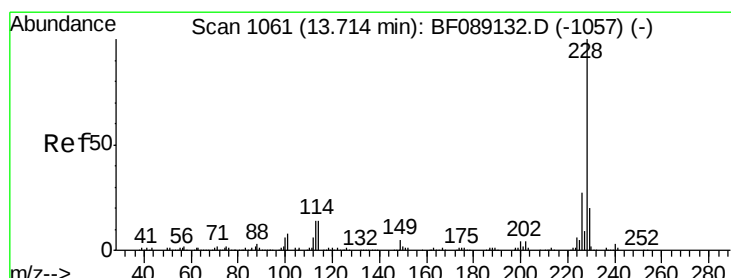
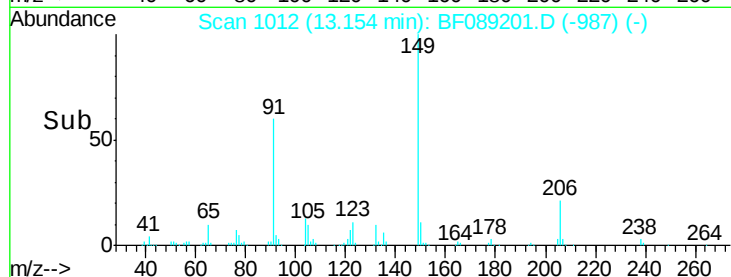
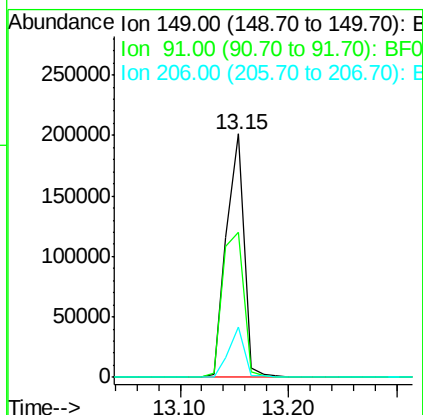
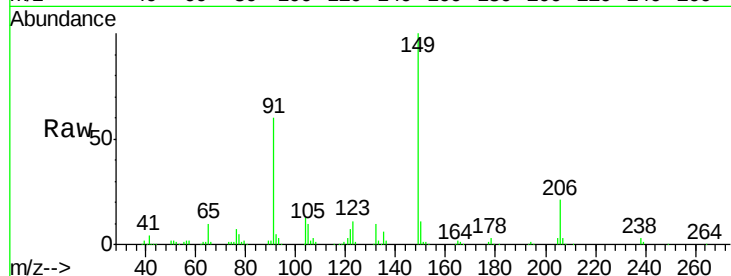
ClientSampled :

PB92343BS

Tgt Ion:	149	Resp:	228906
Ion Ratio	Lower	Upper	
149	100		
91	59.7	62.6	93.8#
206	20.7	13.2	19.8#

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#80

Benzo(a)anthracene

Concen: 42.35 ng

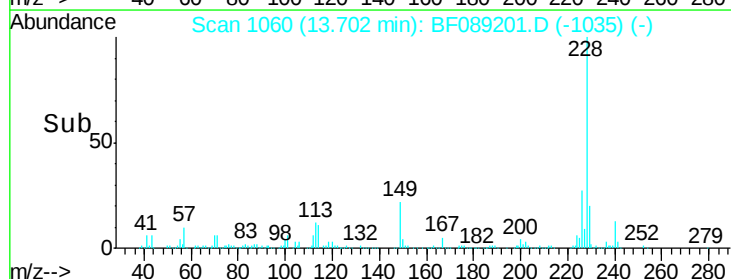
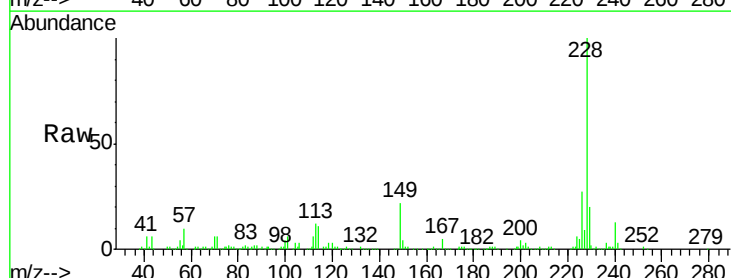
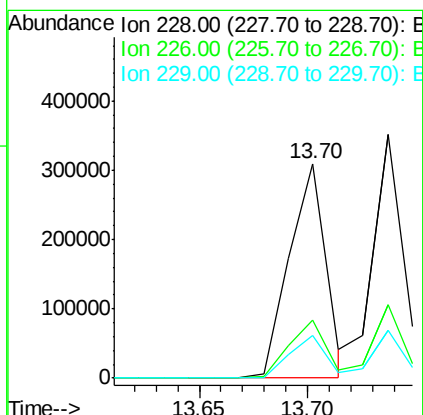
RT: 13.70 min Scan# 1060

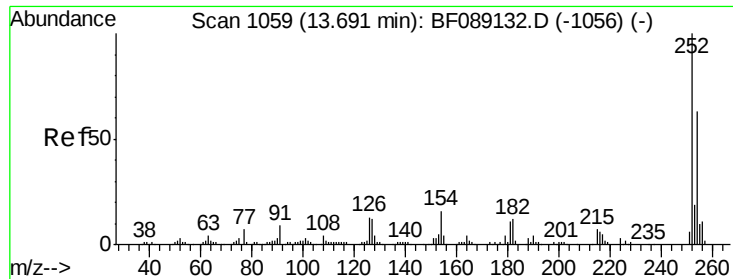
Delta R.T. -0.01 min

Lab File: BF089201.D

Acq: 22 Jul 2016 19:13

Tgt Ion:	228	Resp:	364020
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.8	32.8
229	19.7	15.8	23.8





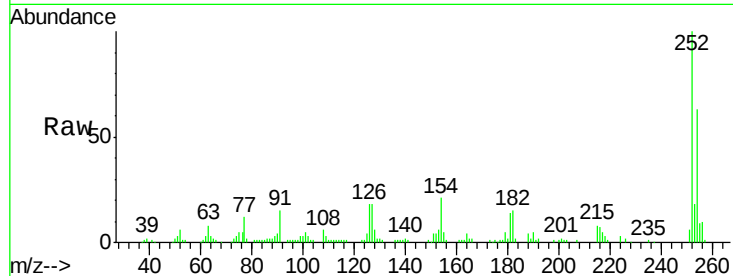
#81
 3,3'-Dichlorobenzidine
 Concen: 30.24 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleID :
 PB92343BS

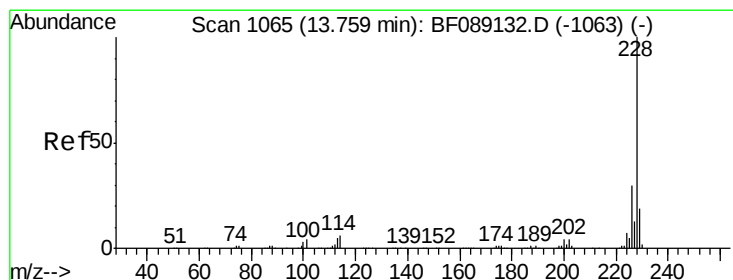
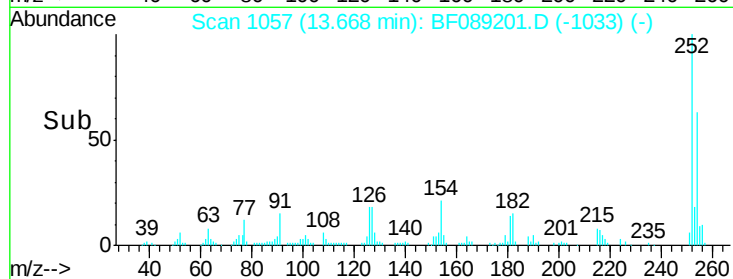
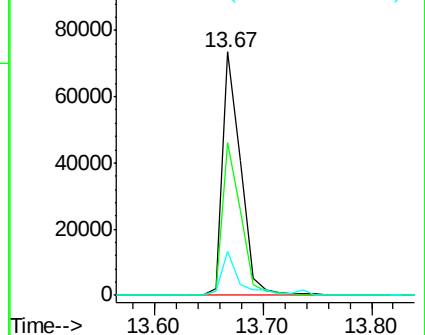
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.8	50.4	75.6
126	18.0	10.2	15.2

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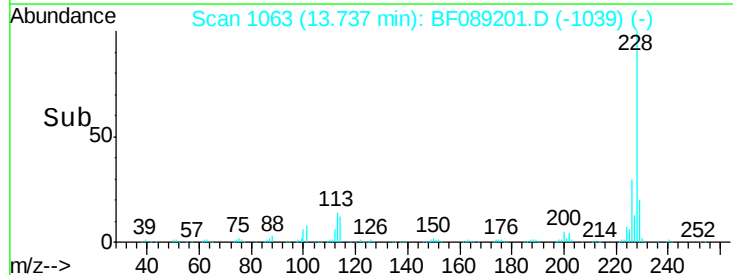
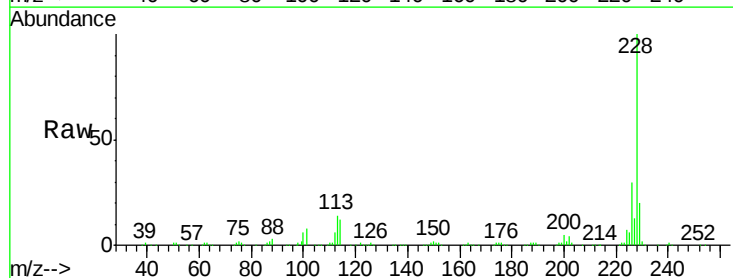
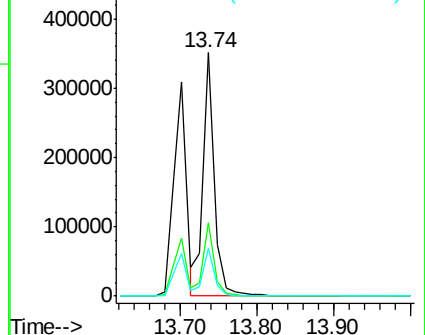
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

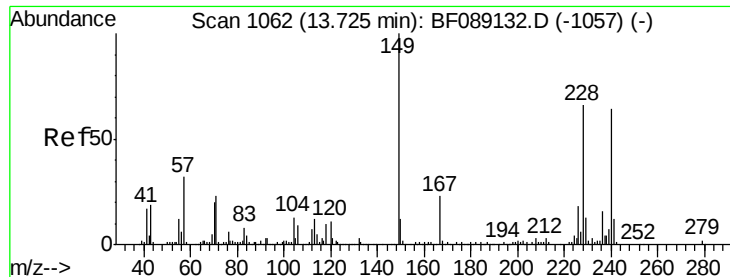


#82
 Chrysene
 Concen: 43.34 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	23.8	35.8
229	19.6	15.4	23.0

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





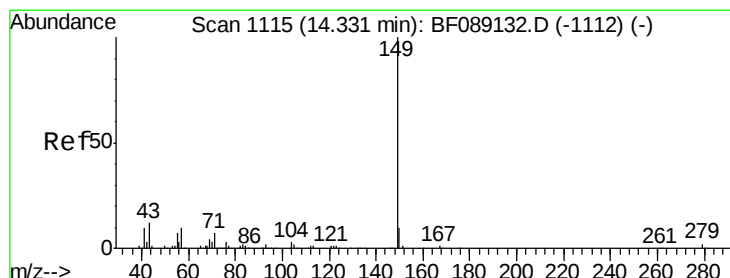
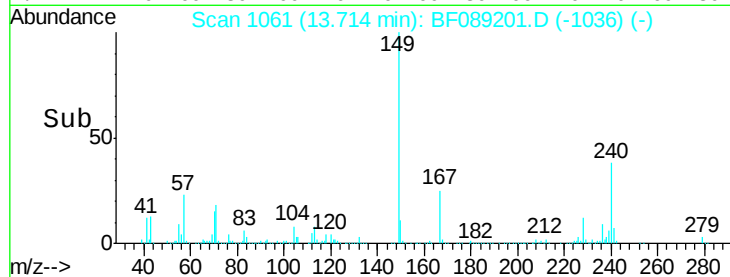
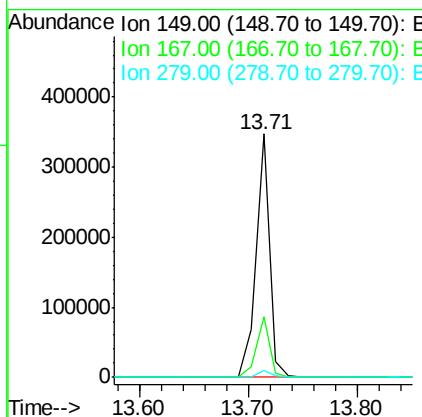
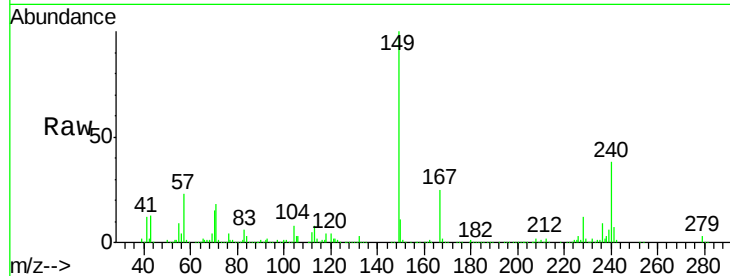
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.78 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	305020		
167	24.9	18.6	28.0	
279	2.6	1.6	2.4#	

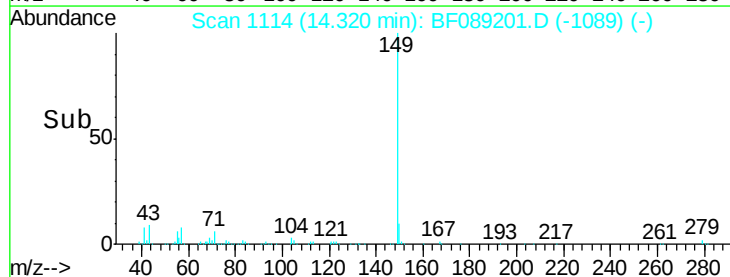
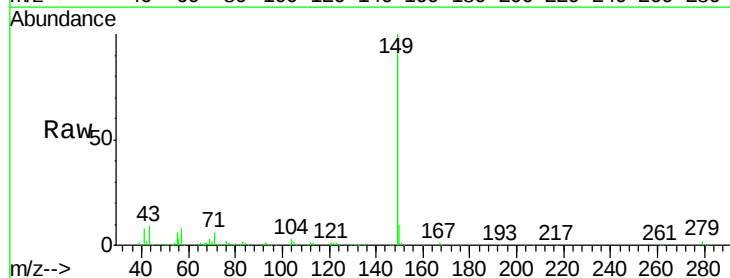
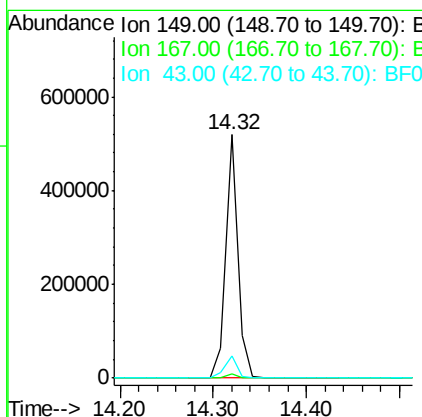
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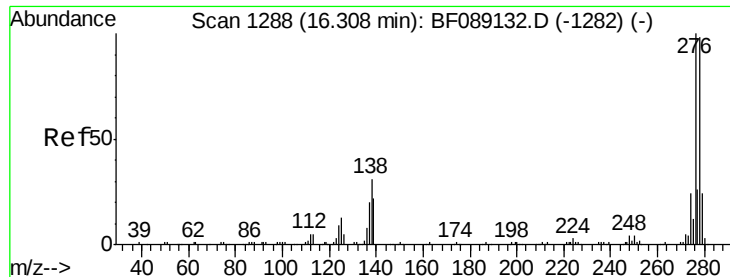
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#84
 Di-n-octyl phthalate
 Concen: 45.49 ng
 RT: 14.32 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	469328		
167	1.5	1.2	1.8	
43	10.0	7.3	10.9	





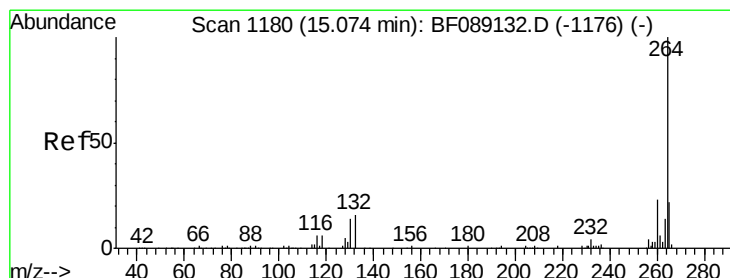
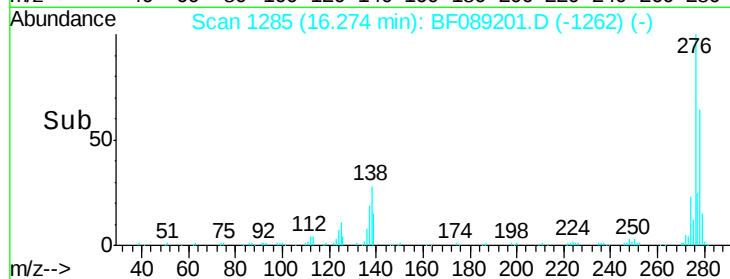
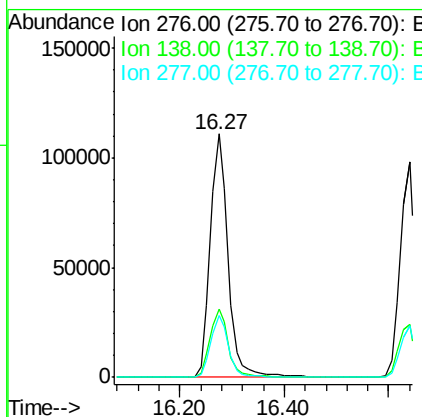
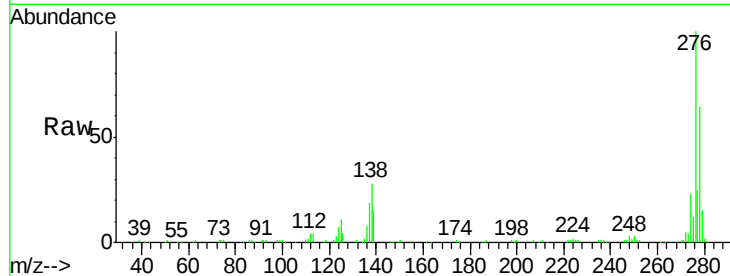
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.38 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.03 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	23.7	35.5
277	25.2	20.6	31.0

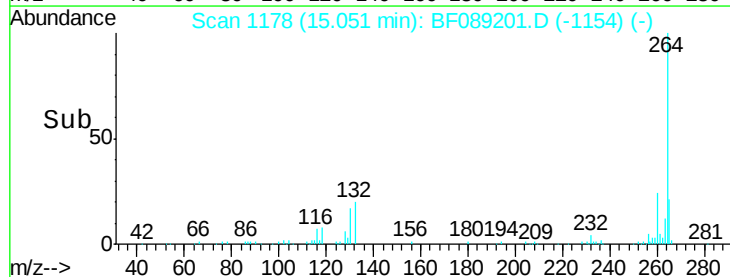
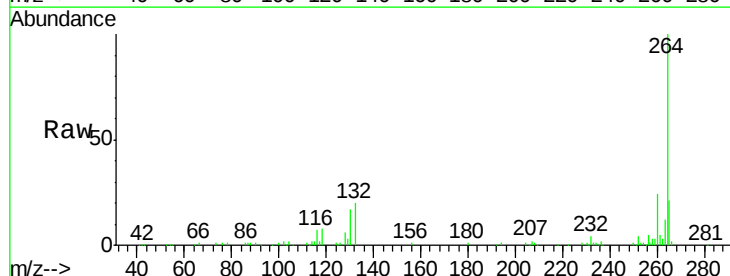
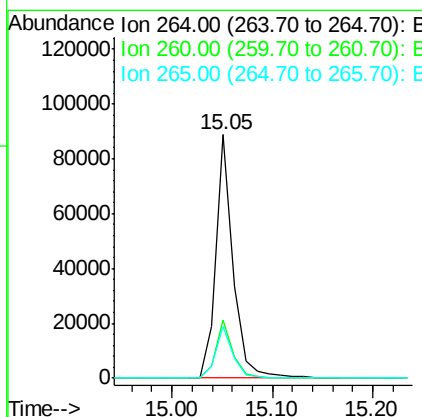
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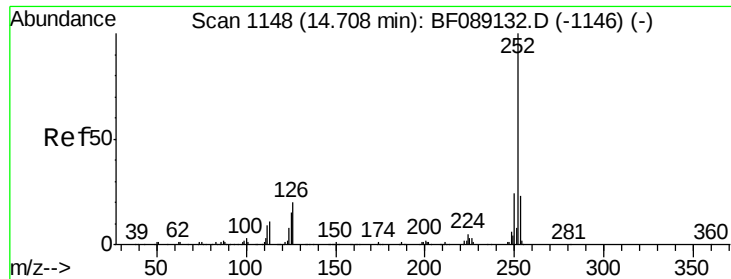
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.4	17.3	25.9





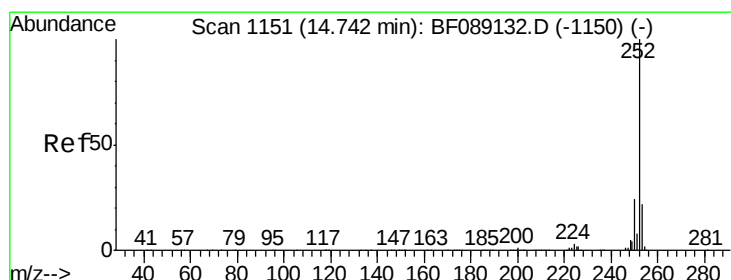
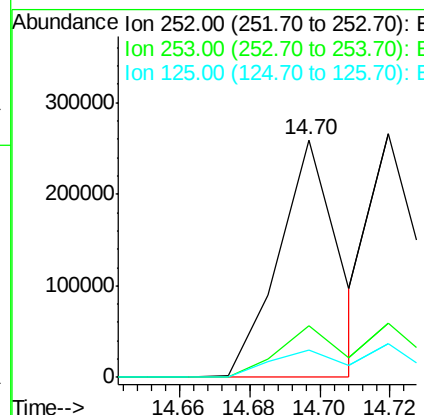
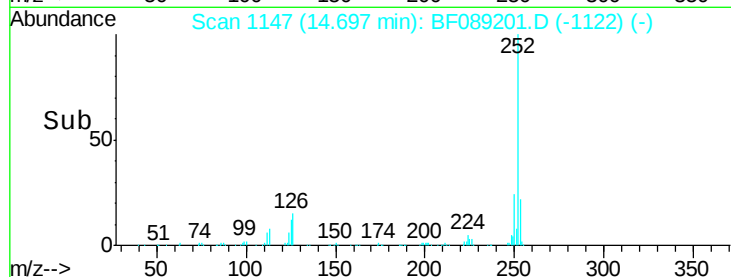
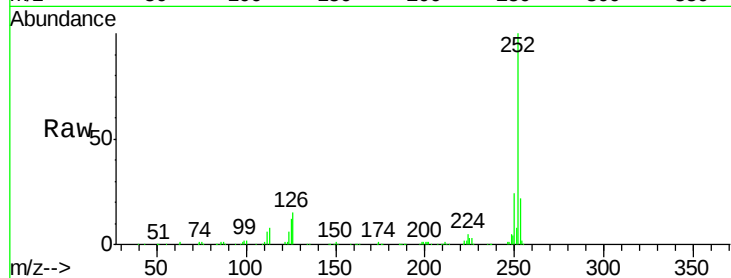
#87
Benzo(b)fluoranthene
Concen: 40.48 ng m
RT: 14.70 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Instrument :
BNA_F
ClientSampleId :
PB92343BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	11.7	11.9	17.9

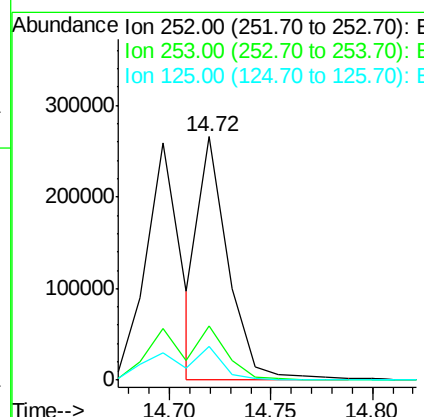
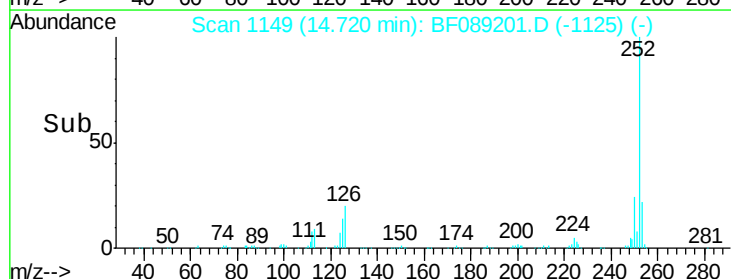
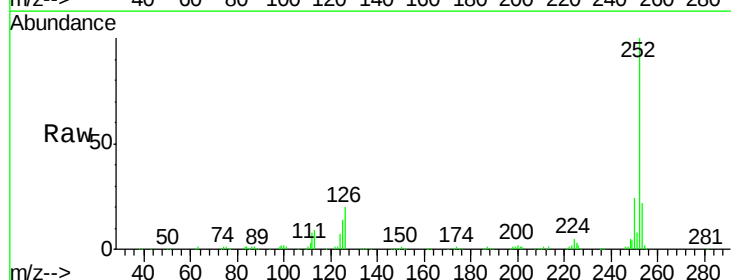
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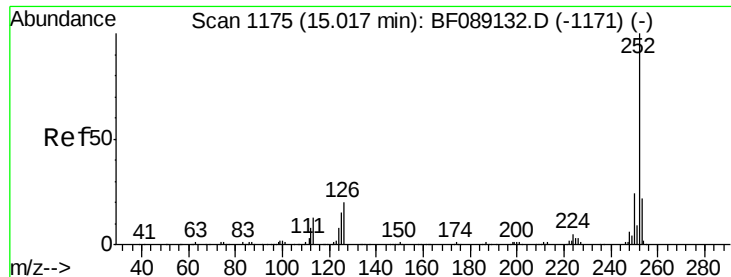
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#88
Benzo(k)fluoranthene
Concen: 50.01 ng m
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	13.8	6.3	9.5





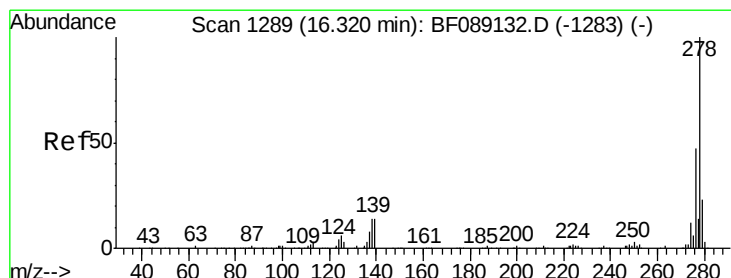
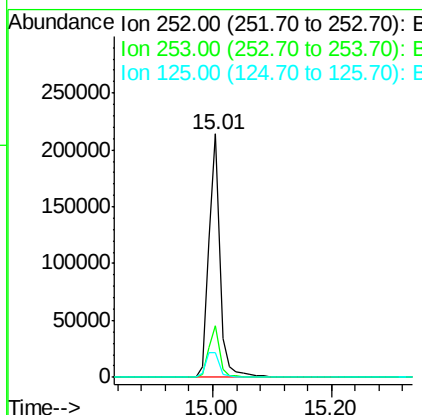
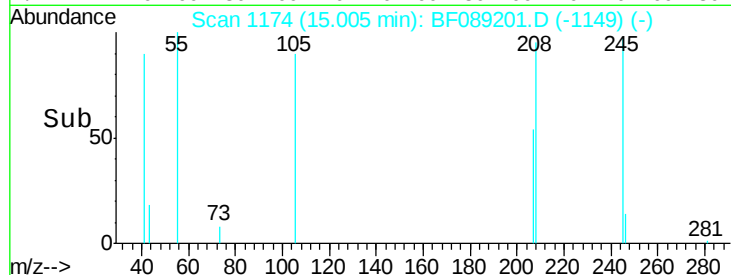
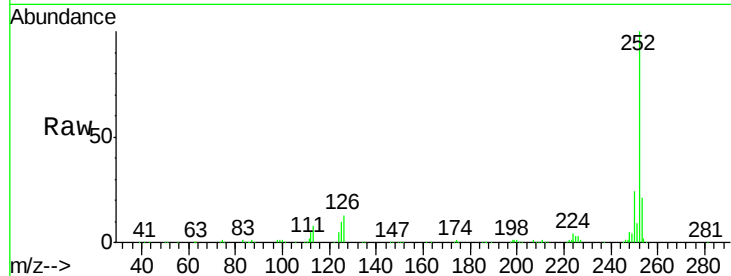
#89
Benzo(a)pyrene
Concen: 46.99 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Instrument :
BNA_F
ClientSampleId :
PB92343BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	10.3	12.4	18.6

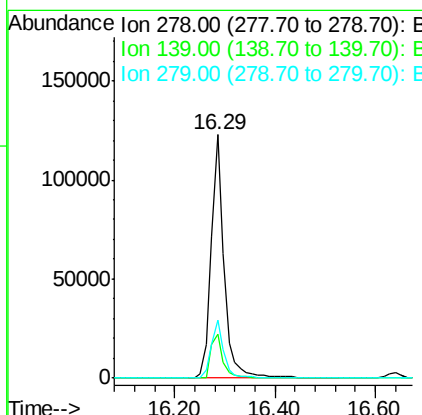
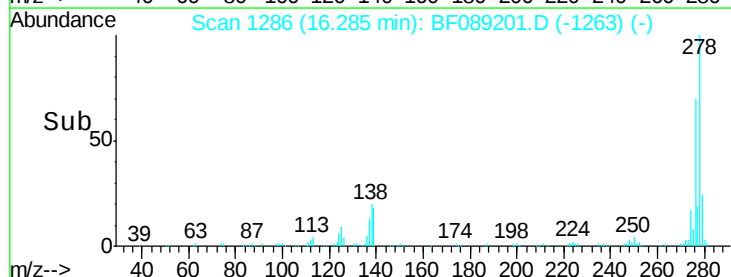
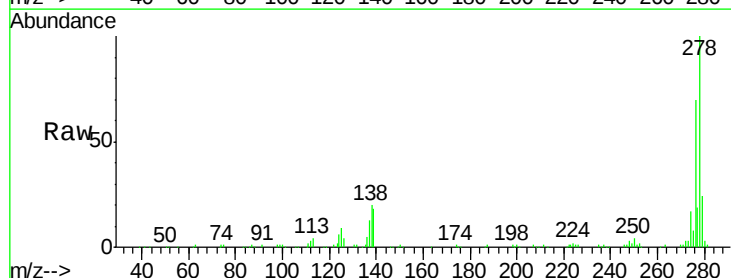
Manual Integrations
APPROVED

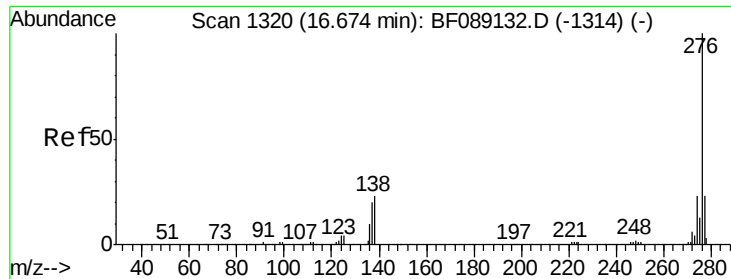
sohil
7/25/2016 6:41:28 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.98 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF089201.D
Acq: 22 Jul 2016 19:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	11.4	17.2
279	23.9	18.4	27.6





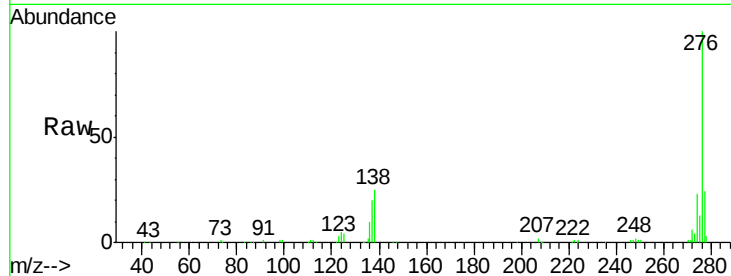
#91
 Benzo(g,h,i)perylene
 Concen: 45.53 ng
 RT: 16.64 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BF089201.D
 Acq: 22 Jul 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 PB92343BS

Tgt Ion:	276	Resp:	213885
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.5	27.7
138	24.6	18.5	27.7

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

