

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089198.D
 Acq On : 22 Jul 2016 16:32
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 7/25/2016 6:41:23 PM

Quant Time: Jul 22 19:38:30 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	44130	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	185473	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	87574	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	175191	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	126647	20.00	ng	-0.01
86) Perylene-d12	15.05	264	95993	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	229289	79.02	ng	-0.03
7) Phenol-d6	6.24	99	287411	76.81	ng	-0.03
23) Nitrobenzene-d5	7.15	82	273301	78.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	61580	78.10	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	519910	81.80	ng	-0.02
78) Terphenyl-d14	12.67	244	483292	82.77	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	53287	42.29	ng	99
3) Pyridine	2.62	79	121694	38.02	ng	98
4) n-Nitrosodimethylamine	2.58	42	46973	34.86	ng	99
6) Aniline	6.25	93	177028	35.02	ng	# 51
8) 2-Chlorophenol	6.36	128	130207	40.44	ng	87
9) Benzaldehyde	6.12	77	78527	39.86	ng	98
10) Phenol	6.25	94	168639	39.12	ng	# 71
11) bis(2-Chloroethyl)ether	6.33	93	136627	42.20	ng	99
12) 1,3-Dichlorobenzene	6.51	146	132737	37.33	ng	99
13) 1,4-Dichlorobenzene	6.59	146	143256	40.01	ng	99
14) 1,2-Dichlorobenzene	6.75	146	142503	42.21	ng	99
15) Benzyl Alcohol	6.74	79	102276	37.32	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.87	45	153857	41.71	ng	81
17) 2-Methylphenol	6.87	107	94948	37.44	ng	98
18) Hexachloroethane	7.08	117	54320	40.36	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	98365	40.19	ng	98
20) 3+4-Methylphenols	7.03	107	125696	36.51	ng	93
22) Acetophenone	7.00	105	199154	40.21	ng	99
24) Nitrobenzene	7.18	77	149143	40.51	ng	96
25) Isophorone	7.42	82	255766	39.76	ng	98
26) 2-Nitrophenol	7.50	139	66915	38.97	ng	# 75
27) 2,4-Dimethylphenol	7.54	122	106576	36.84	ng	97
28) bis(2-Chloroethoxy)methane	7.63	93	158278	39.33	ng	99
29) 2,4-Dichlorophenol	7.74	162	103406	39.66	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	116681	40.43	ng	98
31) Naphthalene	7.88	128	367814	36.74	ng	99
32) Benzoic acid	7.70	122	85272	38.33	ng	98
33) 4-Chloroaniline	7.95	127	164180	39.00	ng	96
34) Hexachlorobutadiene	8.01	225	58716	36.55	ng	100
35) Caprolactam	8.33	113	32060	39.60	ng	# 88
36) 4-Chloro-3-methylphenol	8.44	107	127271	40.52	ng	100
37) 2-Methylnaphthalene	8.58	142	256110	40.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	131366	40.36	ng	98
40) Hexachlorocyclopentadiene	8.73	237	32399	35.04	ng	99

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 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)
42) 2,4,6-Trichlorophenol	8.87	196	71563	39.28	ng	98
43) 2,4,5-Trichlorophenol	8.91	196	73935	40.43	ng	97
45) 1,1'-Biphenyl	9.05	154	322671	40.91	ng	95
46) 2-Chloronaphthalene	9.06	162	238476	39.79	ng	98
47) 2-Nitroaniline	9.18	65	81922	39.85	ng	# 75
48) Acenaphthylene	9.47	152	368192	39.08	ng	100
49) Dimethylphthalate	9.36	163	285678	42.51	ng	99
50) 2,6-Dinitrotoluene	9.42	165	60834	40.10	ng	# 77
51) Acenaphthene	9.64	154	208083	37.33	ng	100
52) 3-Nitroaniline	9.59	138	72752	40.38	ng	91
53) 2,4-Dinitrophenol	9.70	184	27356	40.12	ng	91
54) Dibenzofuran	9.82	168	298868	39.68	ng	98
55) 4-Nitrophenol	9.77	139	42007m	38.53	ng	
56) 2,4-Dinitrotoluene	9.82	165	77154	39.48	ng	# 84
57) Fluorene	10.16	166	258128	40.38	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	56504	43.02	ng	99
59) Diethylphthalate	10.06	149	274080	41.13	ng	96
60) 4-Chlorophenyl-phenylether	10.16	204	122203	41.87	ng	# 83
61) 4-Nitroaniline	10.20	138	71863	40.99	ng	90
62) Azobenzene	10.32	77	304784	42.08	ng	90
64) 4,6-Dinitro-2-methylphenol	10.23	198	43868	43.01	ng	77
65) n-Nitrosodiphenylamine	10.28	169	238854	40.79	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	64650	37.29	ng	# 83
67) Hexachlorobenzene	10.71	284	76559	41.06	ng	# 87
68) Atrazine	10.81	200	63031	34.42	ng	99
69) Pentachlorophenol	10.90	266	35207	40.93	ng	100
70) Phenanthrene	11.11	178	362042	37.67	ng	99
71) Anthracene	11.16	178	414124	41.46	ng	99
72) Carbazole	11.32	167	354332	40.38	ng	99
73) Di-n-butylphthalate	11.67	149	467087	43.04	ng	99
74) Fluoranthene	12.29	202	397302	39.33	ng	98
76) Benzidine	12.42	184	153428	35.24	ng	99
77) Pyrene	12.51	202	389008	37.19	ng	99
79) Butylbenzylphthalate	13.15	149	180395	40.77	ng	# 78
80) Benzo(a)anthracene	13.70	228	303968	37.68	ng	99
81) 3,3'-Dichlorobenzidine	13.67	252	102004	38.12	ng	# 97
82) Chrysene	13.74	228	303998	39.46	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	244988	41.75	ng	# 97
84) Di-n-octyl phthalate	14.32	149	367871	37.99	ng	97
85) Indeno(1,2,3-cd)pyrene	16.27	276	198646	35.50	ng	100
87) Benzo(b)fluoranthene	14.70	252	260475m	37.46	ng	
88) Benzo(k)fluoranthene	14.72	252	225690m	45.39	ng	
89) Benzo(a)pyrene	15.01	252	218893	40.56	ng	# 94
90) Dibenzo(a,h)anthracene	16.29	278	173661	40.75	ng	# 96
91) Benzo(g,h,i)perylene	16.63	276	169733	39.50	ng	96

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

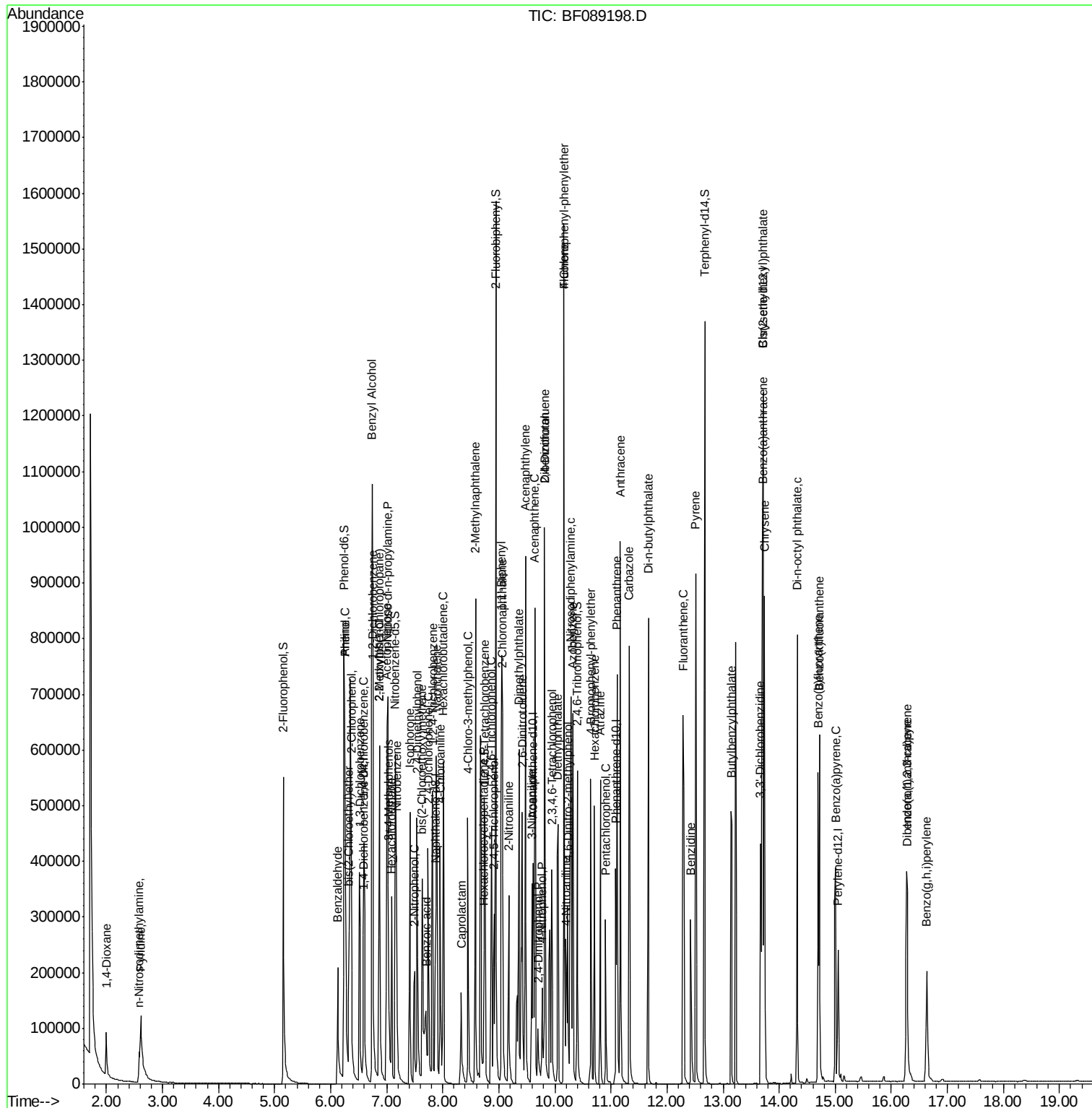
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\  
Data File : BF089198.D  
Acq On    : 22 Jul 2016   16:32  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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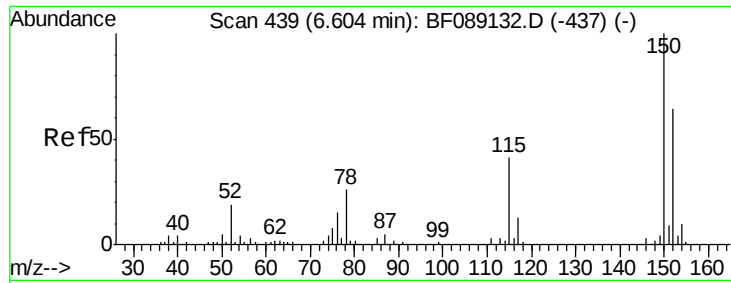
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

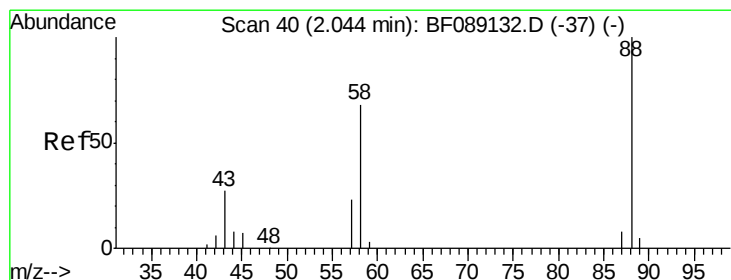
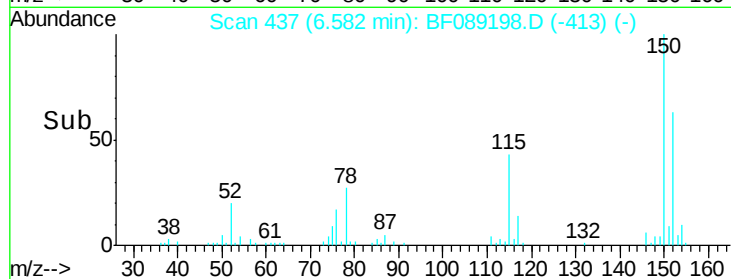
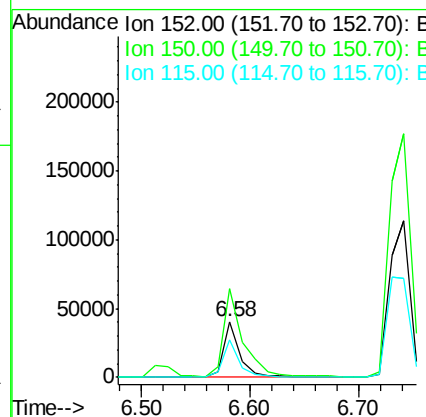
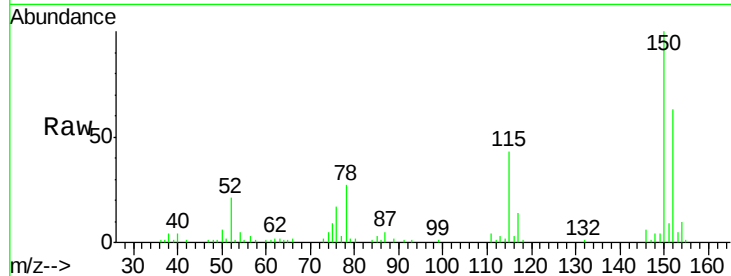
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.1	187.7
115	67.0	51.1	76.7

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#2

1,4-Dioxane

Concen: 42.29 ng

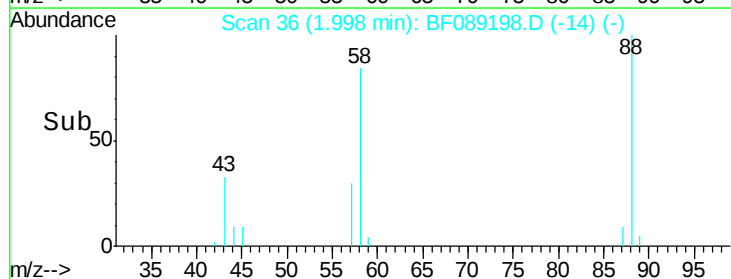
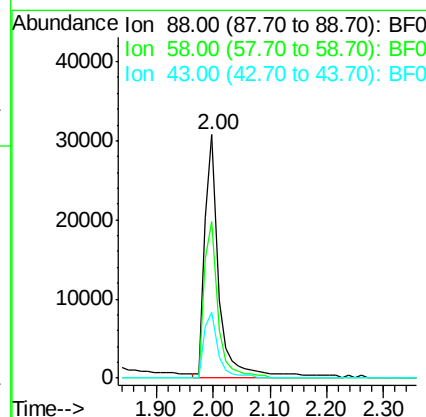
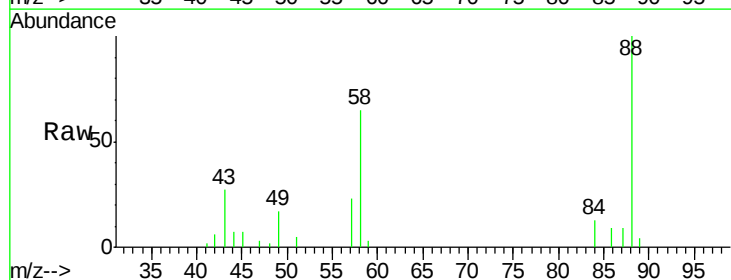
RT: 2.00 min Scan# 36

Delta R.T. -0.05 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.2	49.2	73.8
43	25.7	20.6	30.8





#3

Pyridine

Concen: 38.02 ng

RT: 2.62 min Scan# 90

Delta R.T. -0.06 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

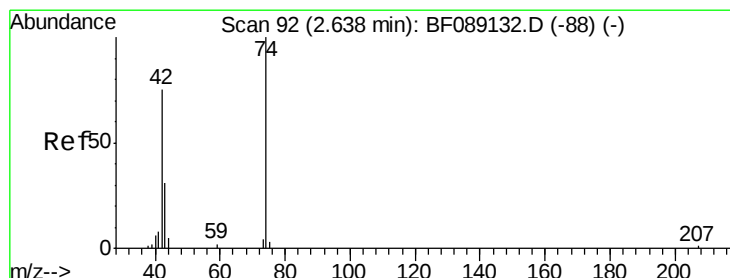
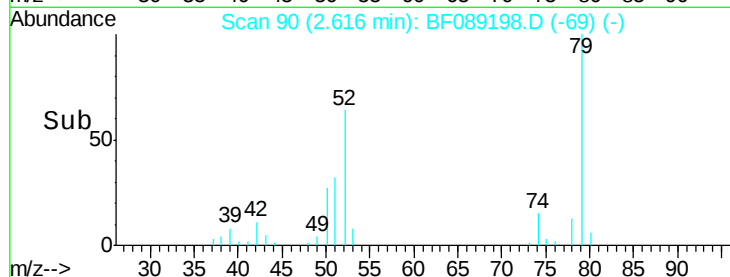
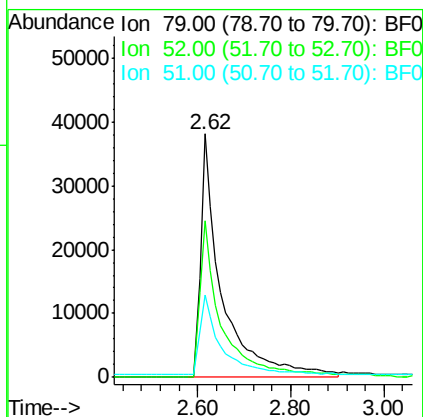
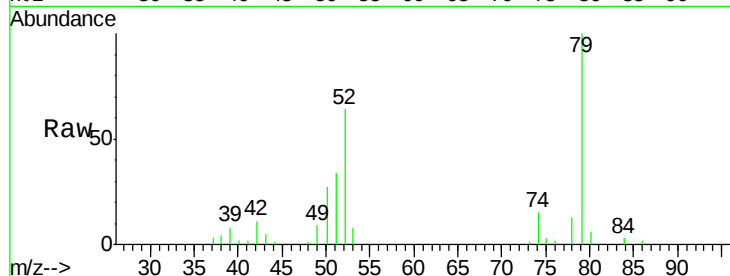
ClientSampled :

SSTDCCC040

Tgt Ion:	79	Resp:	121694
Ion	Ratio	Lower	Upper
79	100		
52	64.2	52.9	79.3
51	33.9	27.0	40.6

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#4

n-Nitrosodimethylamine

Concen: 34.86 ng

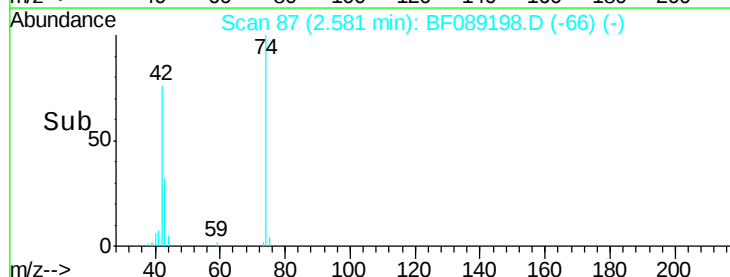
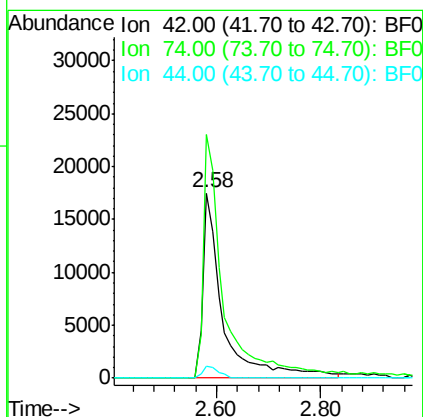
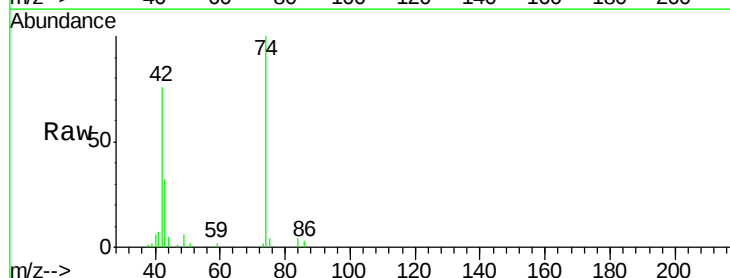
RT: 2.58 min Scan# 87

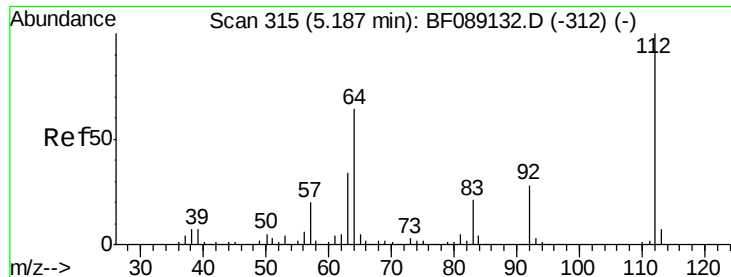
Delta R.T. -0.06 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion:	42	Resp:	46973
Ion	Ratio	Lower	Upper
42	100		
74	131.5	106.4	159.6
44	6.4	5.2	7.8





#5

2-Fluorophenol

Concen: 79.02 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.03 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

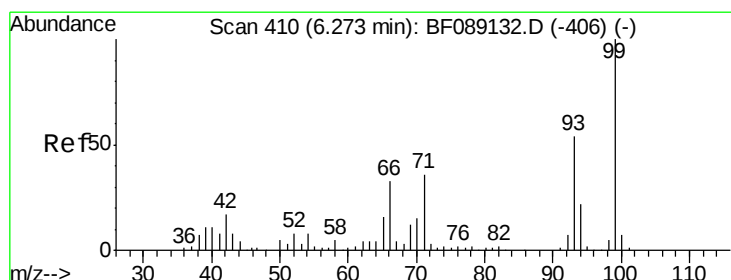
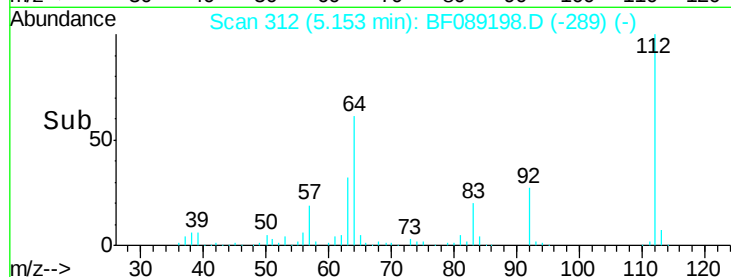
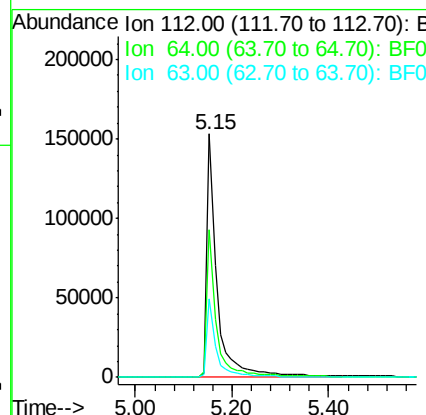
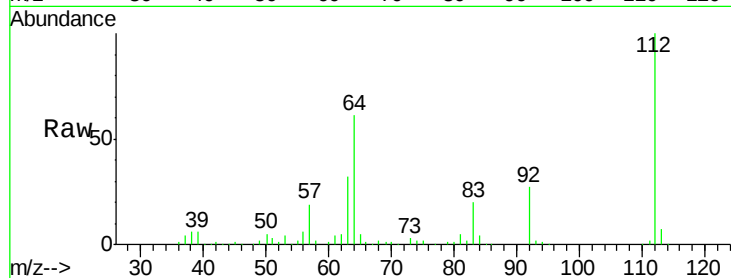
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	229289
Ion Ratio	Lower	Upper	
112	100		
64	60.7	51.0	76.4
63	32.3	27.3	40.9

Manual Integrations
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#6

Aniline

Concen: 35.02 ng

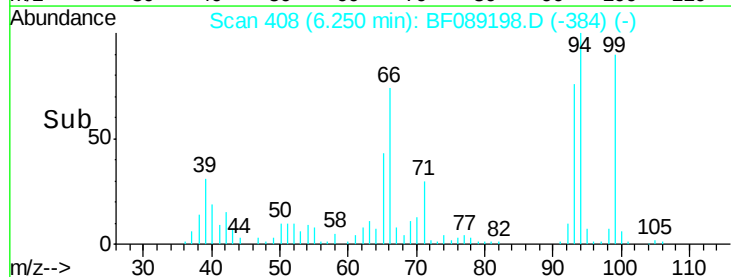
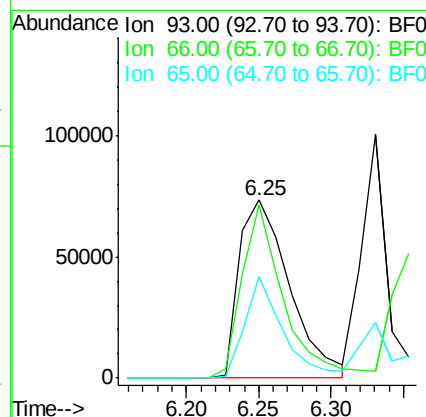
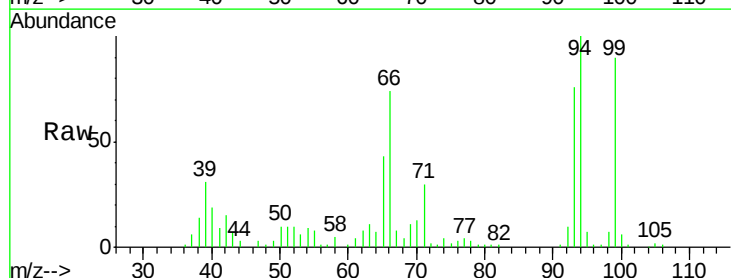
RT: 6.25 min Scan# 408

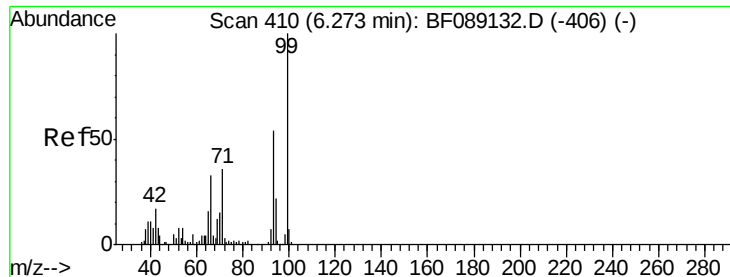
Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion:	93	Resp:	177028
Ion Ratio	Lower	Upper	
93	100		
66	97.4	48.9	73.3#
65	57.2	23.9	35.9#





#7

Phenol-d6

Concen: 76.81 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

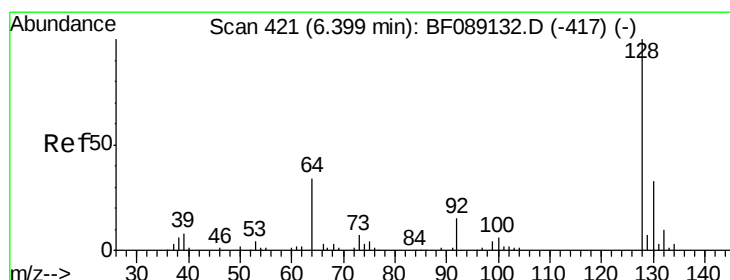
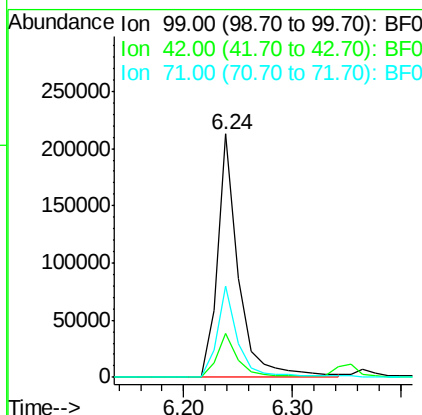
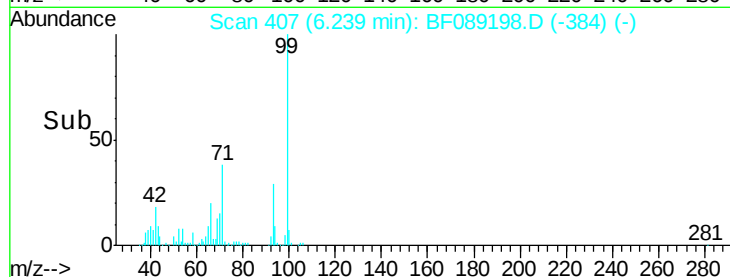
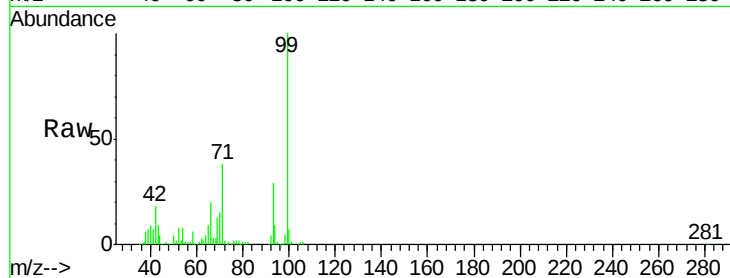
ClientSampleId :

SSTDCCC040

Tgt Ion:	99	Resp:	287411
Ion Ratio	Lower	Upper	
99	100		
42	17.8	13.5	20.3
71	37.8	28.9	43.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.44 ng

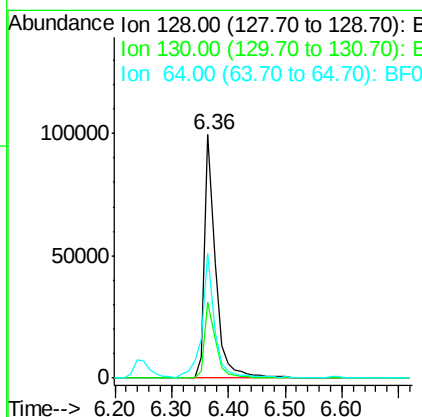
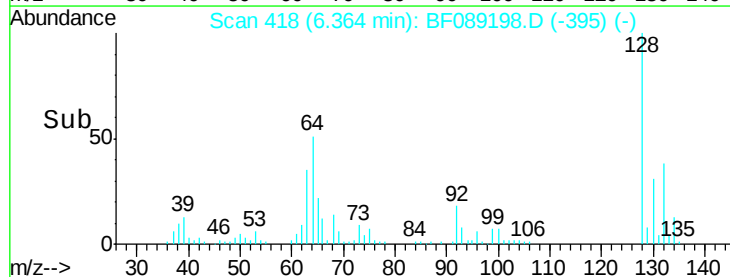
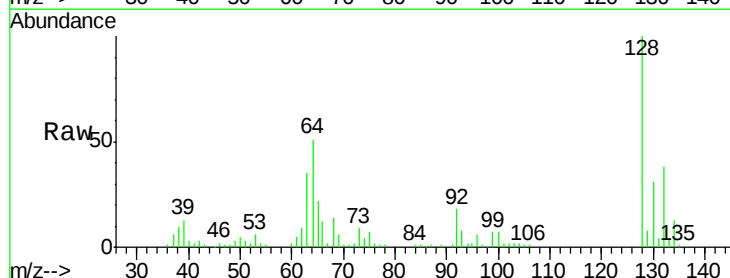
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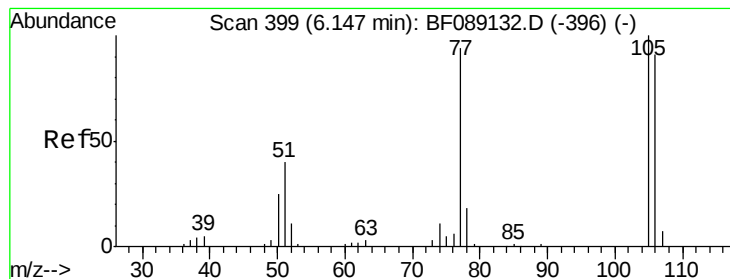
Delta R.T. -0.03 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion:	128	Resp:	130207
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.6	52.6
64	51.0	17.5	57.5





#9

Benzaldehyde

Concen: 39.86 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 78527

Ion Ratio Lower Upper

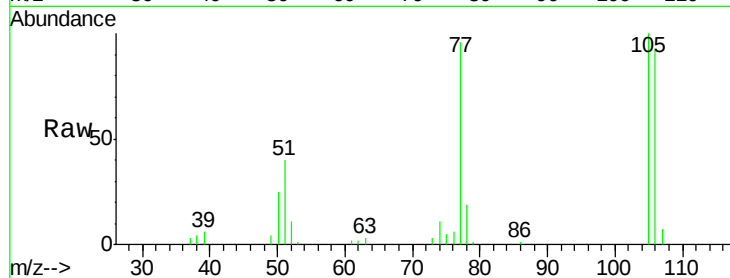
77 100

105 103.7 86.2 126.2

106 95.2 76.3 116.3

Manual Integrations
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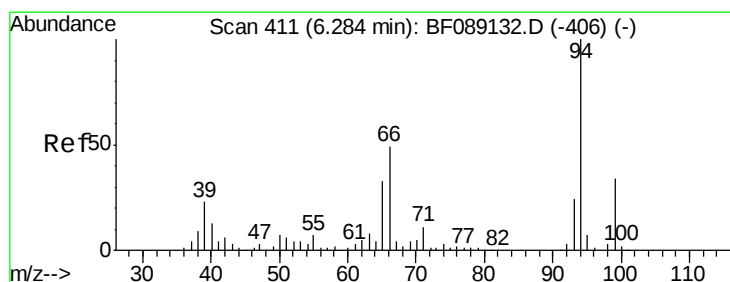
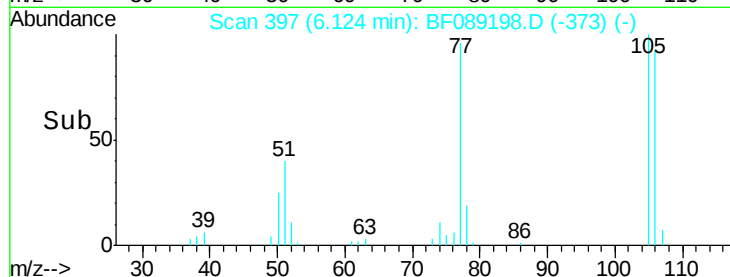
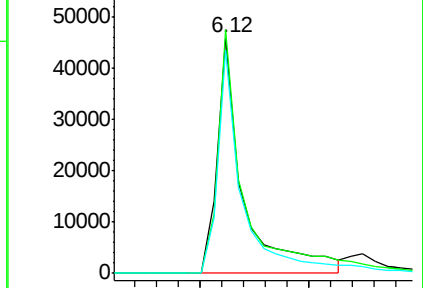
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.12 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

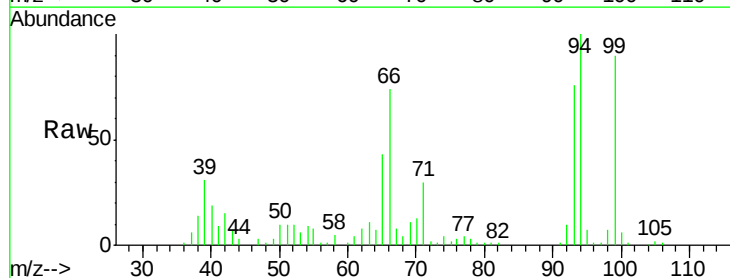
Tgt Ion: 94 Resp: 168639

Ion Ratio Lower Upper

94 100

65 43.4 13.3 53.3

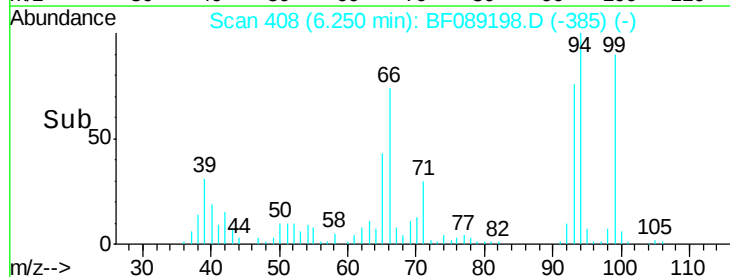
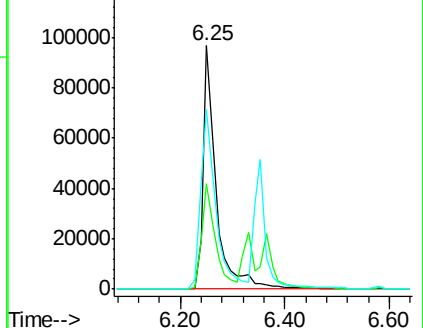
66 73.9 29.3 69.3#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.20 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

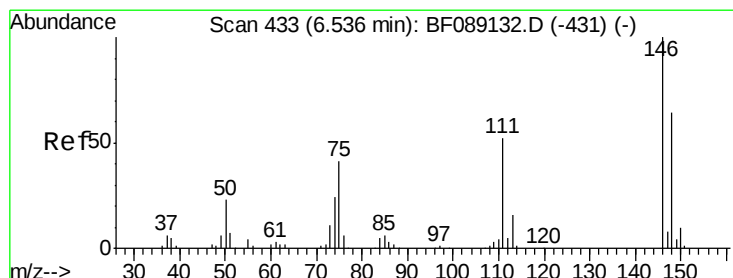
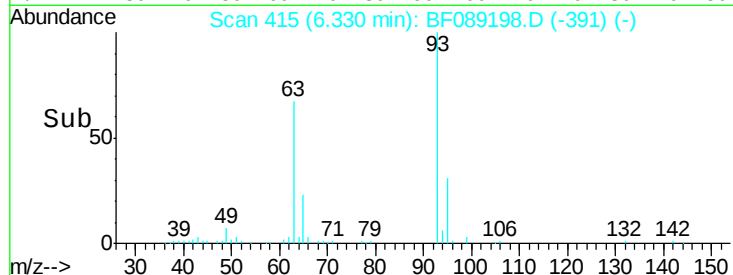
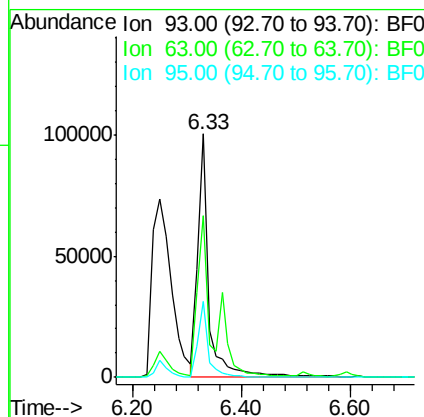
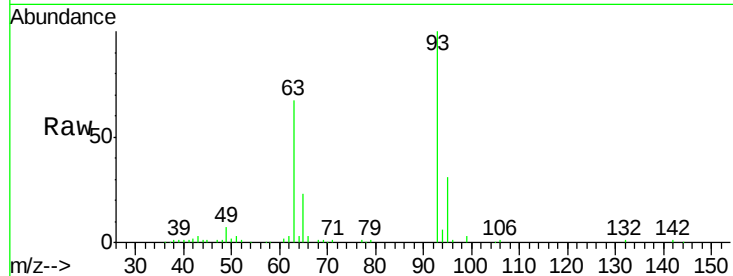
ClientSampled :

SSTDCCC040

Tgt Ion:	93	Resp:	136627
Ion Ratio	Lower	Upper	
93	100		
63	66.5	47.3	87.3
95	31.0	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 37.33 ng

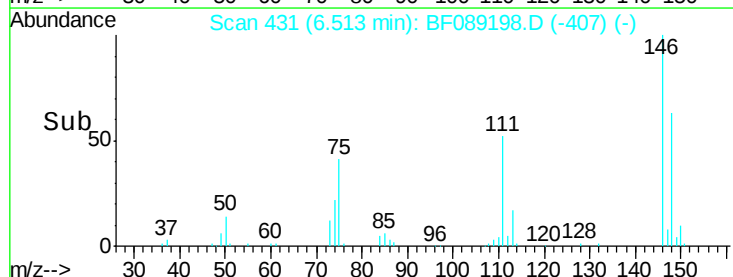
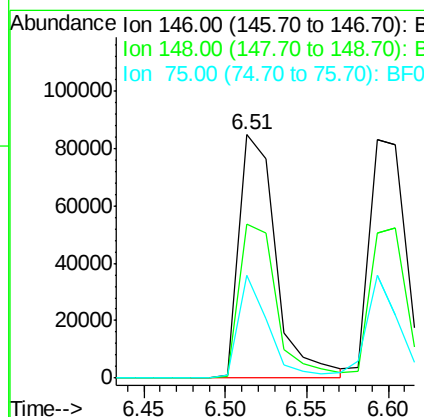
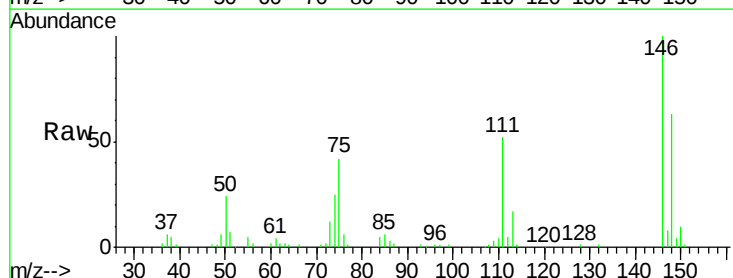
RT: 6.51 min Scan# 431

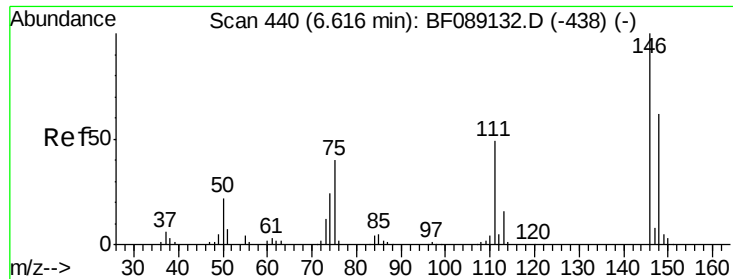
Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion:	146	Resp:	132737
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.0	76.6
75	42.0	32.5	48.7





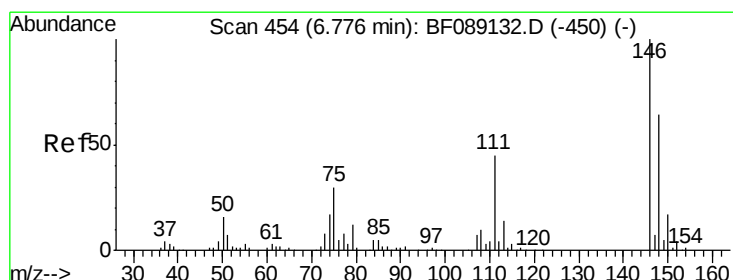
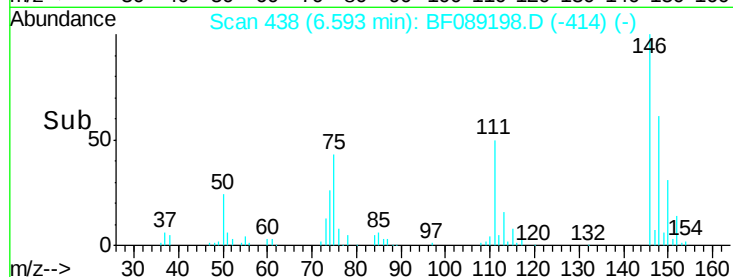
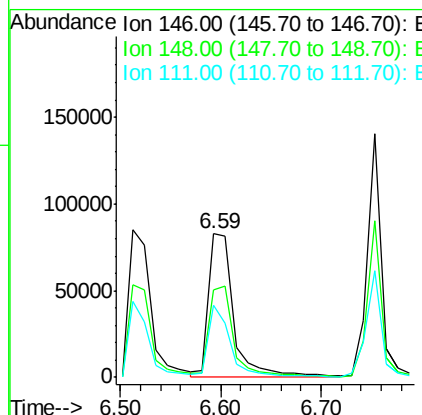
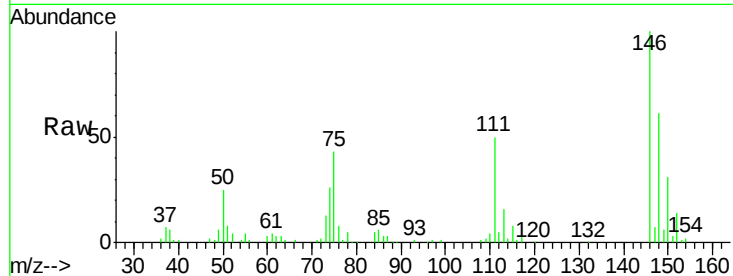
#13
1,4-Dichlorobenzene
Concen: 40.01 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	143256		
148	61.1	49.9	74.9	
111	50.0	39.8	59.6	

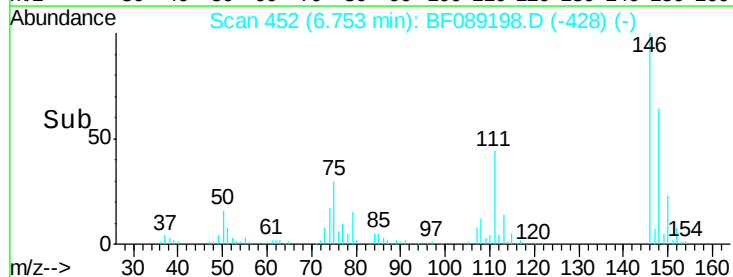
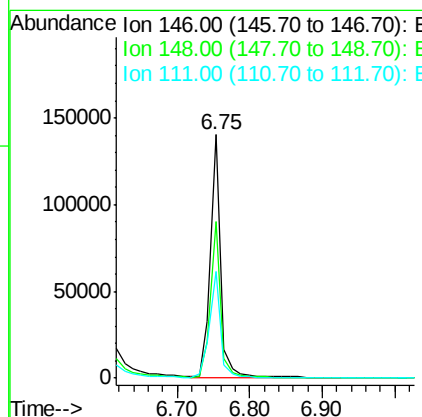
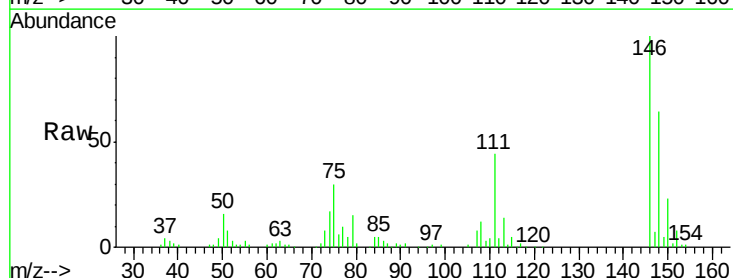
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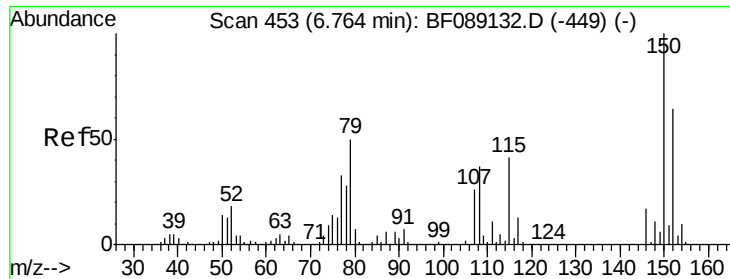
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#14
1,2-Dichlorobenzene
Concen: 42.21 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	142503		
148	64.5	51.4	77.0	
111	43.9	35.9	53.9	





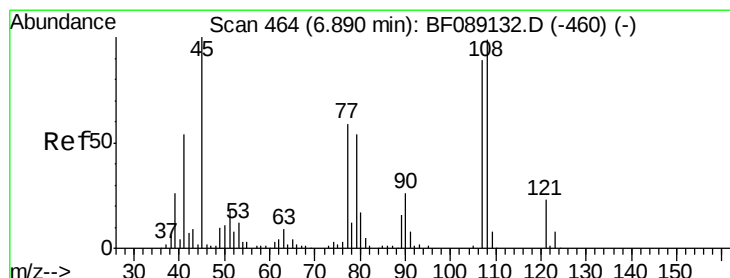
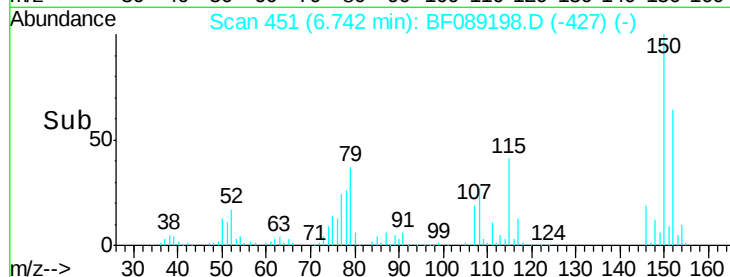
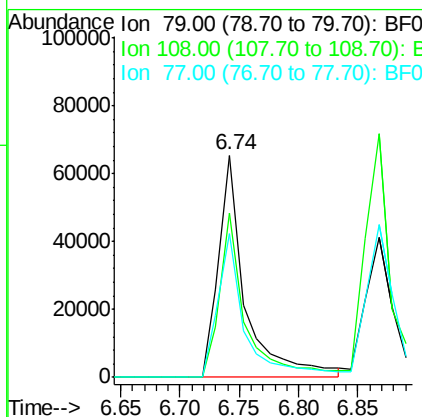
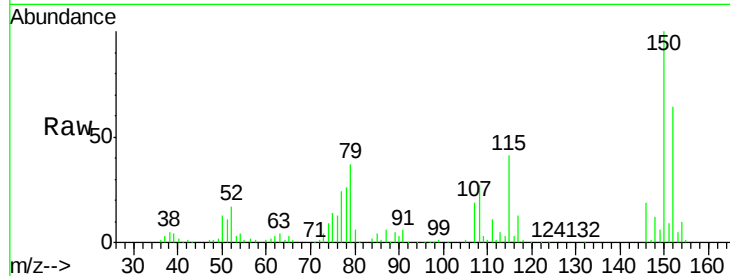
#15
Benzyl Alcohol
Concen: 37.32 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.8	58.2	87.4
77	64.5	52.2	78.4

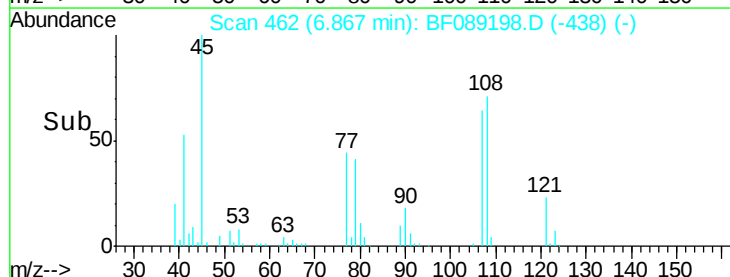
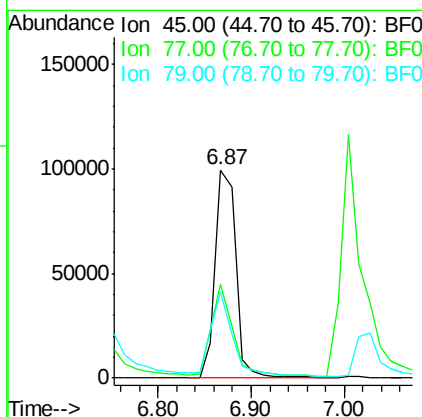
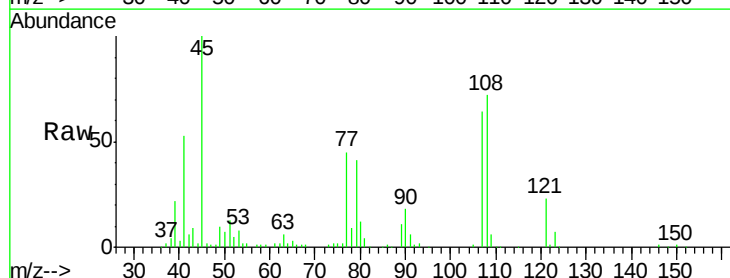
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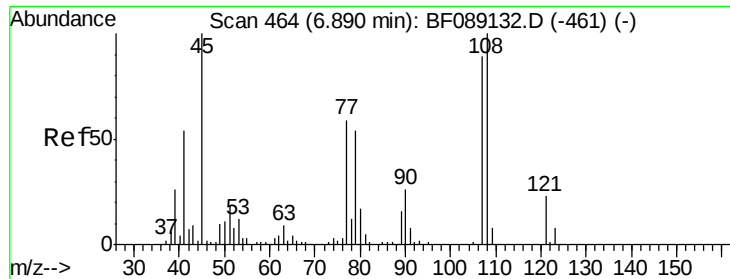
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.71 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	45.1	39.7	79.7
79	41.2	34.7	74.7





#17

2-Methylphenol

Concen: 37.44 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

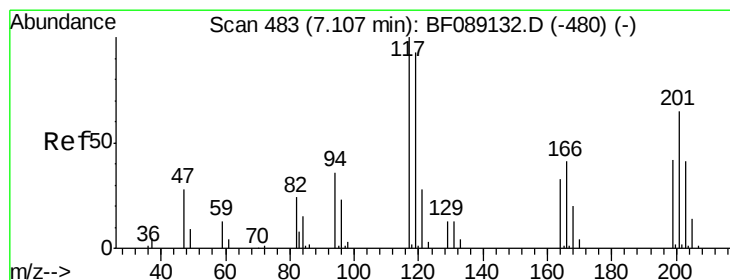
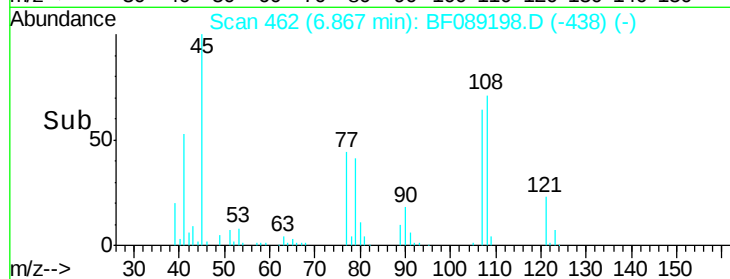
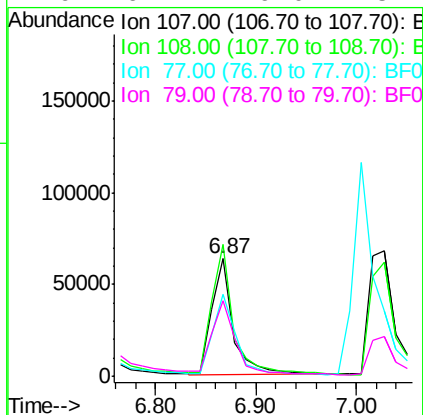
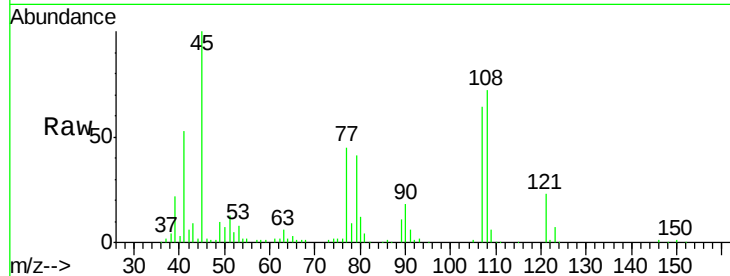
ClientSampleId :

SSTDCCC040

Tgt Ion:	107	Resp:	94948
Ion Ratio	Lower	Upper	
107	100		
108	112.2	89.4	134.2
77	70.2	53.4	80.0
79	64.2	49.0	73.4

Manual Integrations
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#18

Hexachloroethane

Concen: 40.36 ng

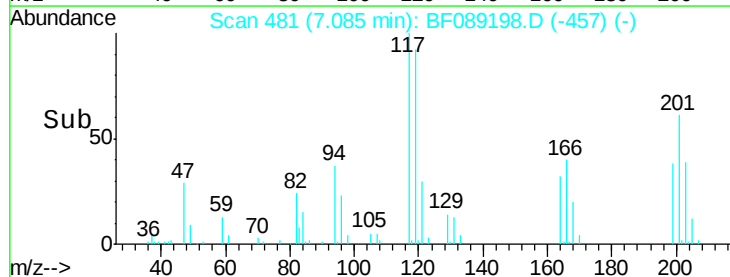
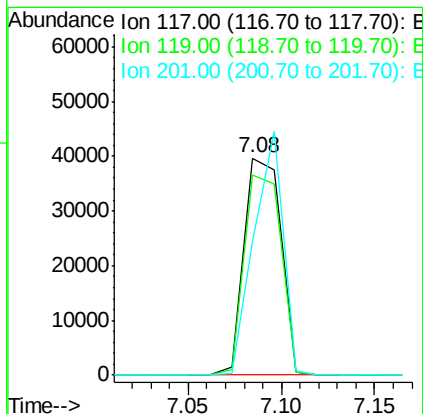
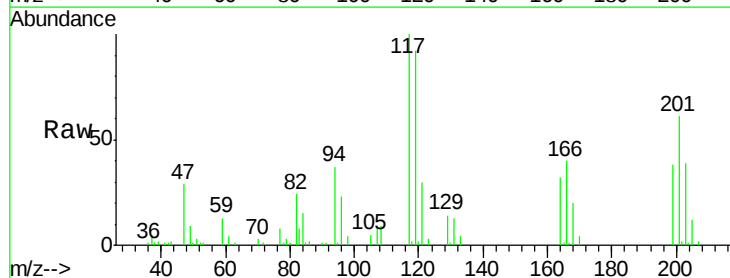
RT: 7.08 min Scan# 481

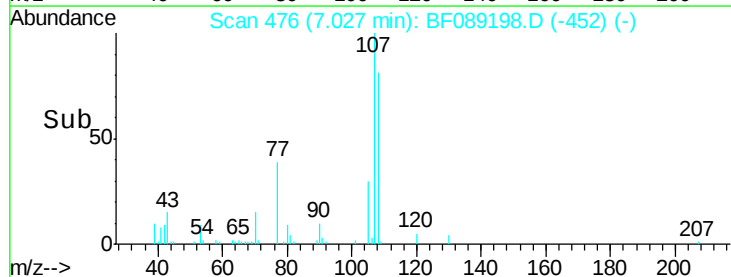
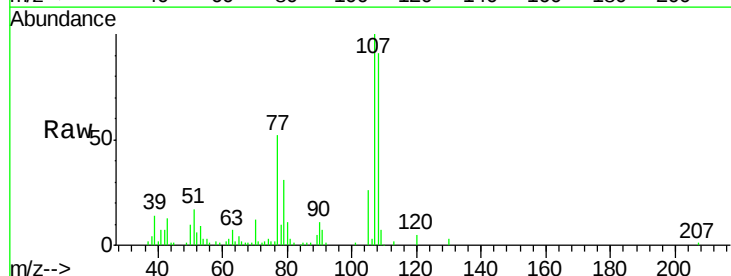
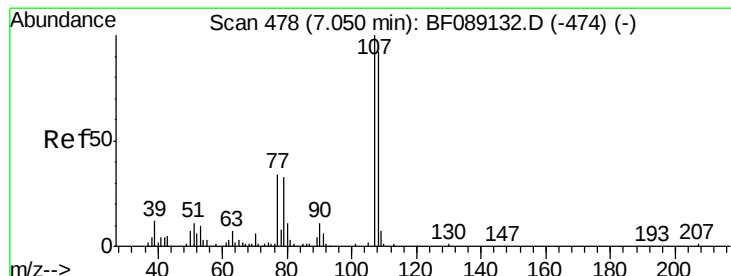
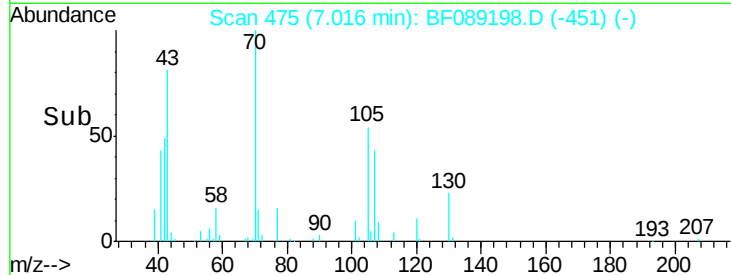
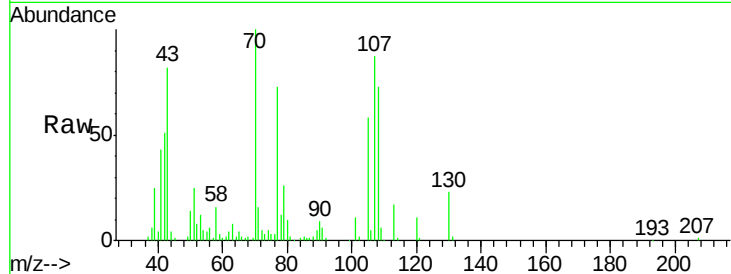
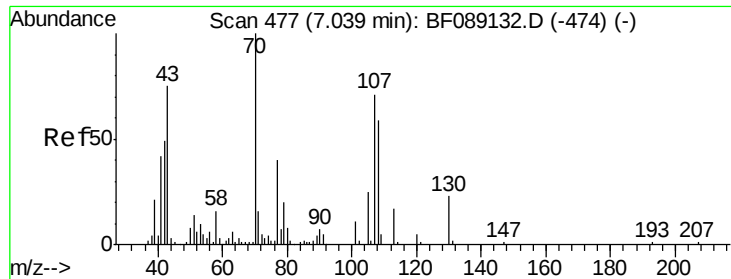
Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion:	117	Resp:	54320
Ion Ratio	Lower	Upper	
117	100		
119	91.9	74.5	111.7
201	61.3	51.8	77.6





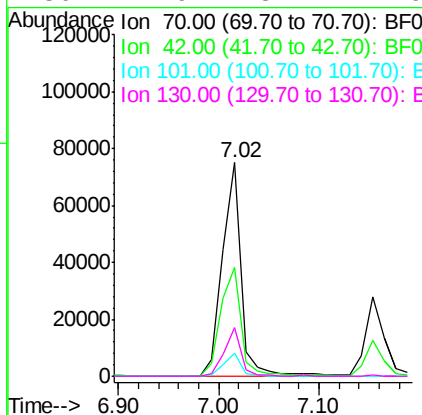
#19
n-Nitroso-di-n-propylamine
Concen: 40.19 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.0	39.2	58.8
101	10.5	8.5	12.7
130	22.9	18.4	27.6

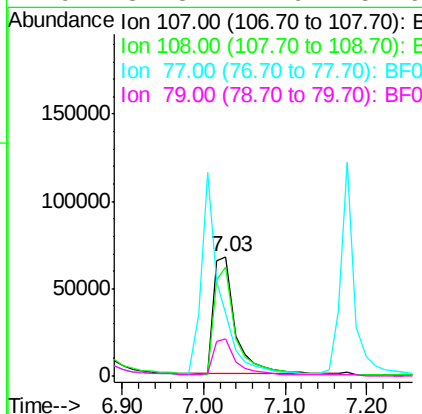
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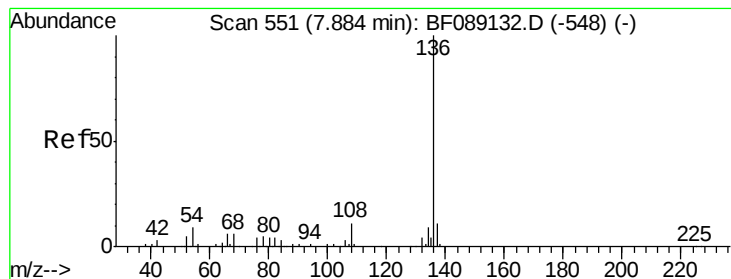
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#20
3+4-Methylphenols
Concen: 36.51 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	72.5	112.5
77	52.2	17.7	57.7
79	31.3	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: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

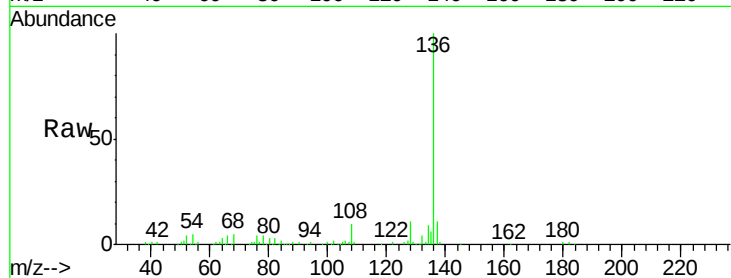
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	185473		
137	10.6	8.8	13.2	
54	5.4	7.0	10.4	
68	4.6	5.0	7.6	

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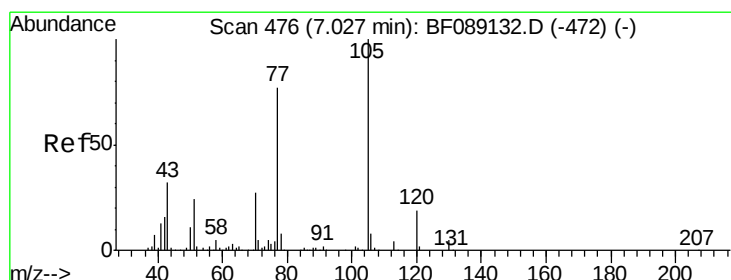
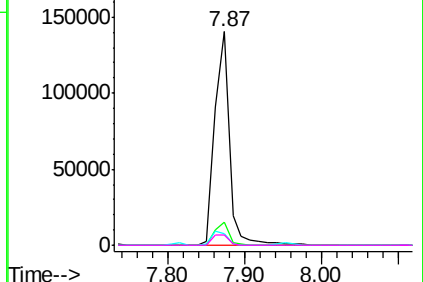
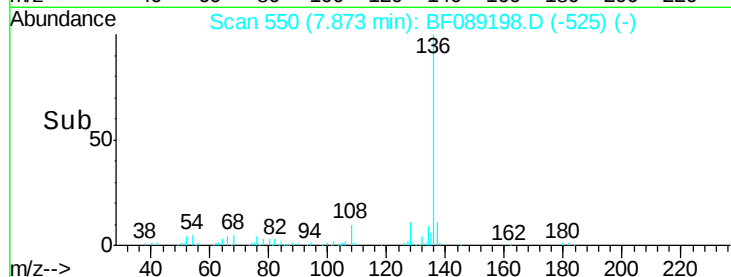


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.21 ng

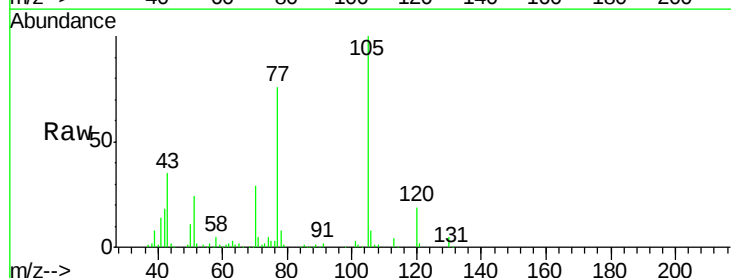
RT: 7.00 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	199154		
71	5.0	3.8	5.6	
51	23.9	19.6	29.4	
120	19.5	15.5	23.3	

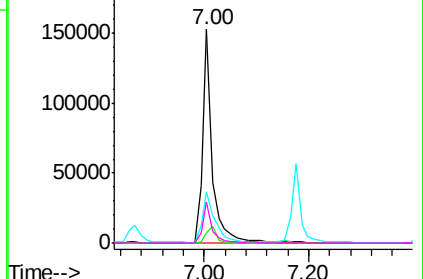
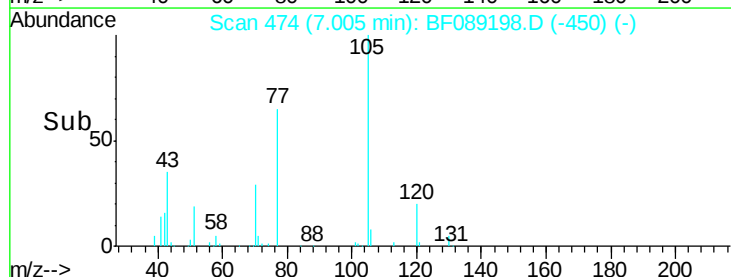


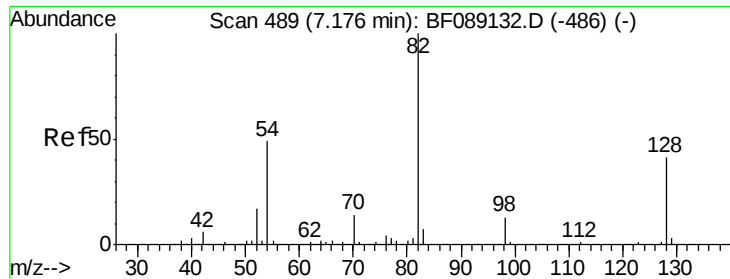
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





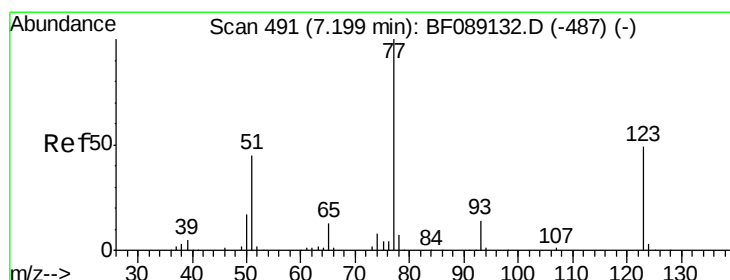
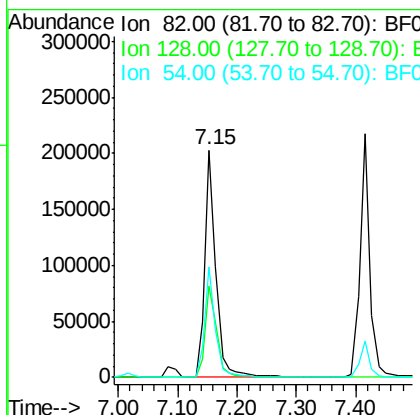
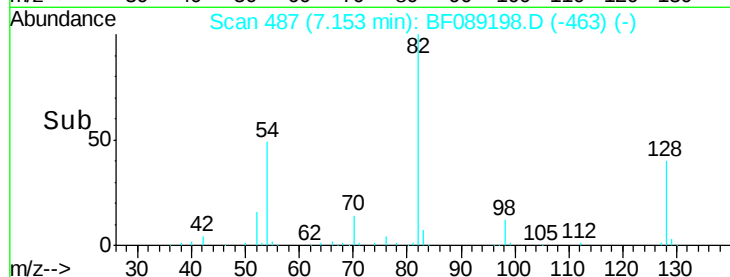
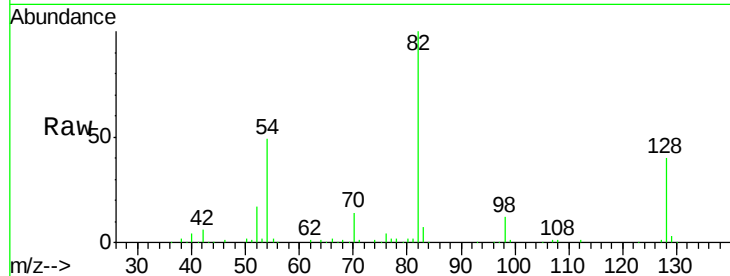
#23
 Nitrobenzene-d5
 Concen: 78.29 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	40.3	33.0	49.6
54	48.9	39.0	58.4

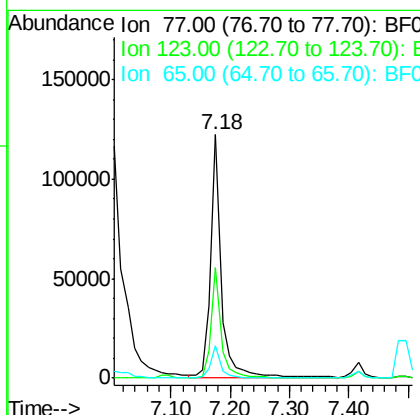
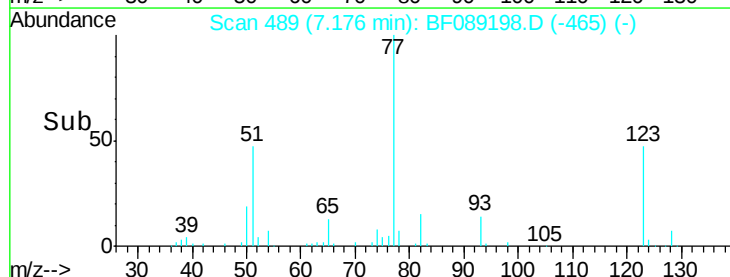
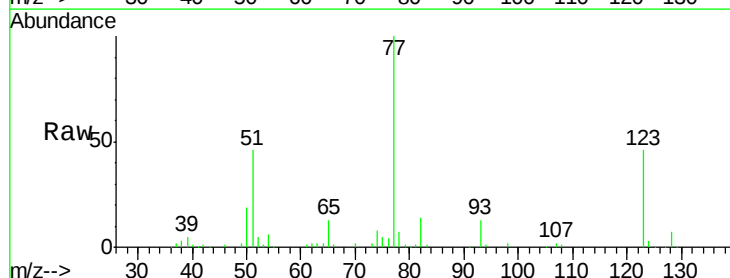
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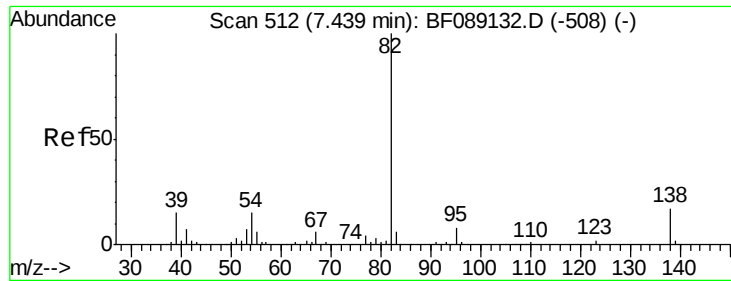
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#24
 Nitrobenzene
 Concen: 40.51 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	45.6	38.9	58.3
65	13.2	10.6	15.8





#25

Isophorone

Concen: 39.76 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

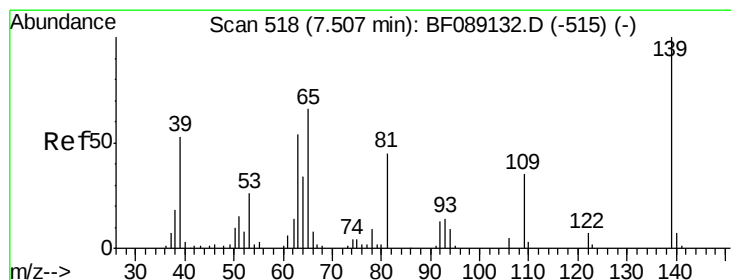
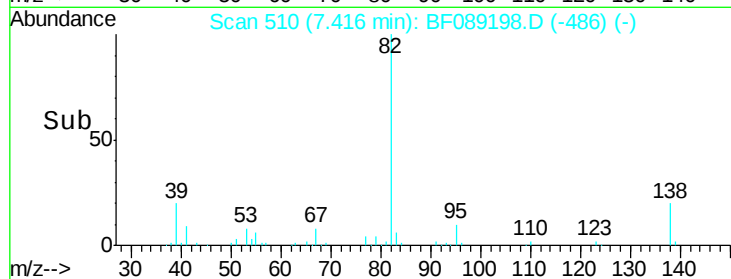
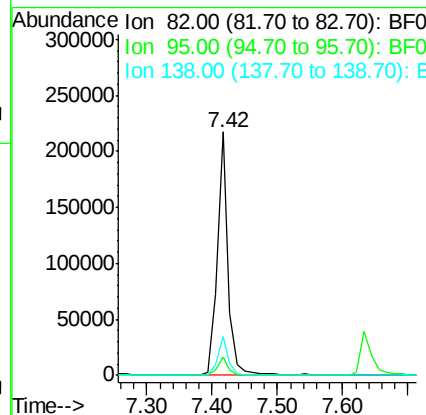
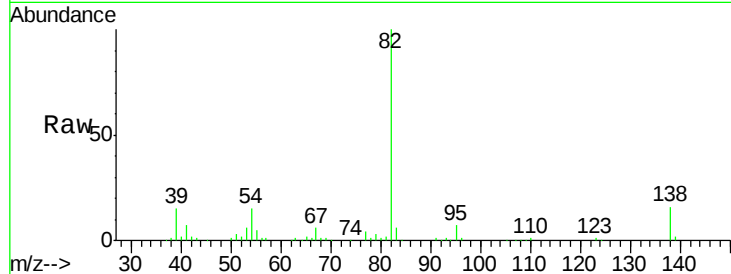
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	255766
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.1	9.1
138	15.8	13.6	20.4

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#26

2-Nitrophenol

Concen: 38.97 ng

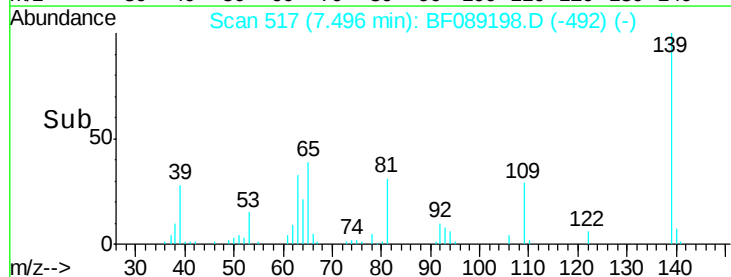
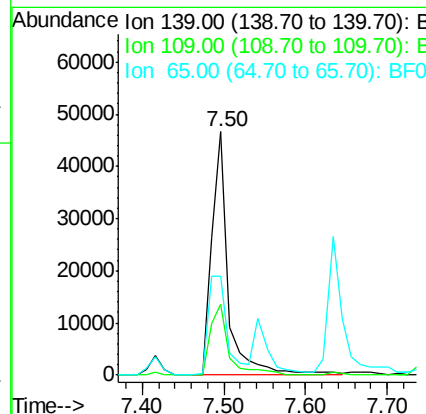
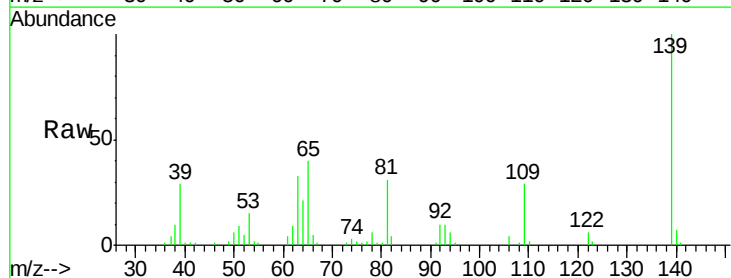
RT: 7.50 min Scan# 517

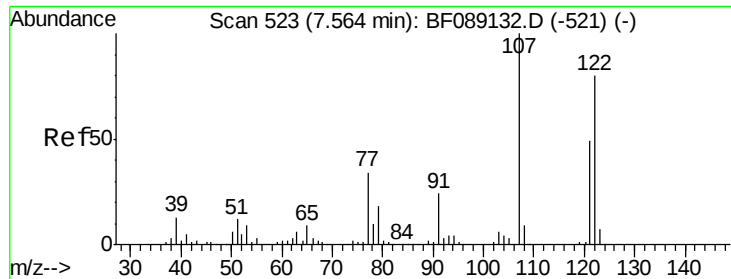
Delta R.T. -0.01 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion:	139	Resp:	66915
Ion Ratio	Lower	Upper	
139	100		
109	28.9	28.1	42.1
65	40.4	52.7	79.1#





#27

2,4-Dimethylphenol

Concen: 36.84 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

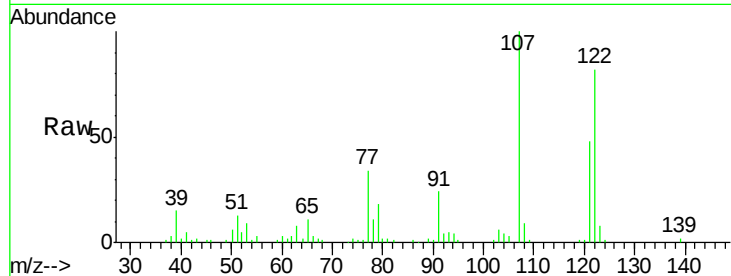
ClientSampled :

SSTDCCC040

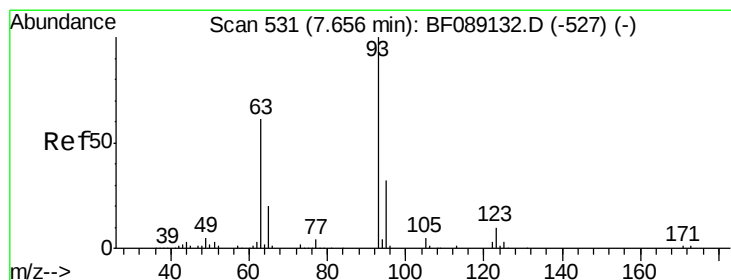
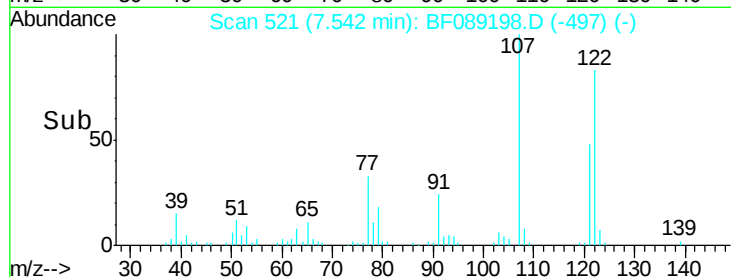
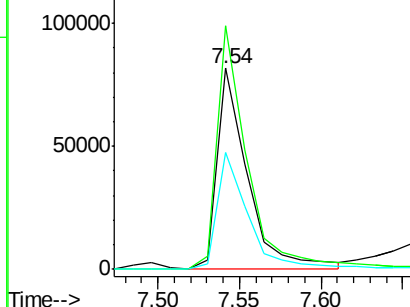
Tgt Ion:	122	Resp:	106576
Ion Ratio	Lower	Upper	
122	100		
107	121.3	99.7	149.5
121	58.1	48.5	72.7

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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: 39.33 ng

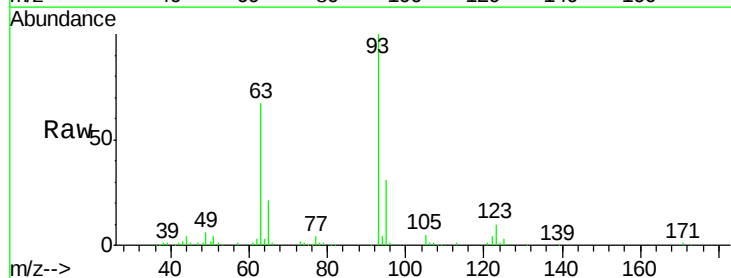
RT: 7.63 min Scan# 529

Delta R.T. -0.02 min

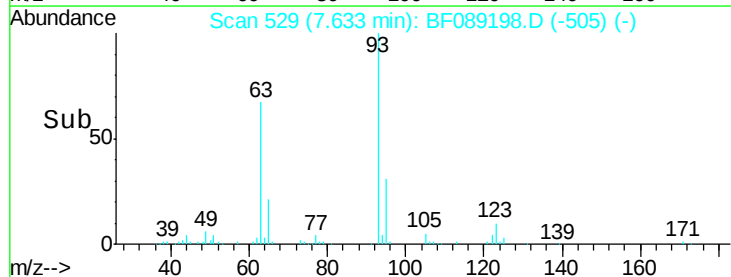
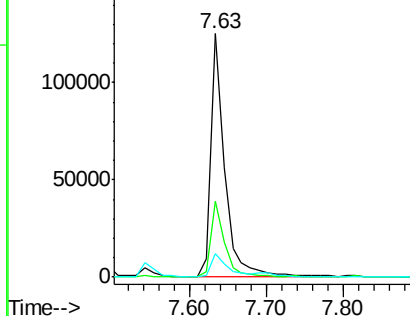
Lab File: BF089198.D

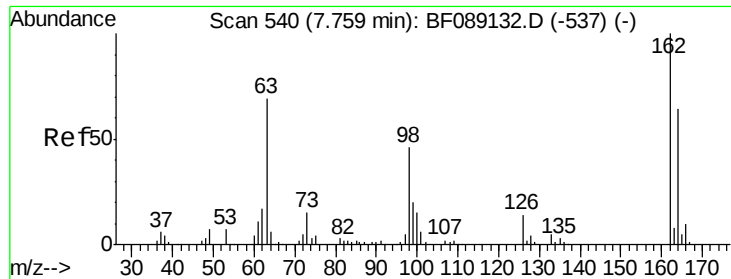
Acq: 22 Jul 2016 16:32

Tgt Ion:	93	Resp:	158278
Ion Ratio	Lower	Upper	
93	100		
95	31.4	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





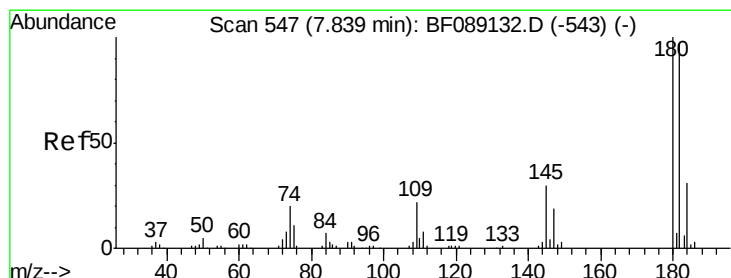
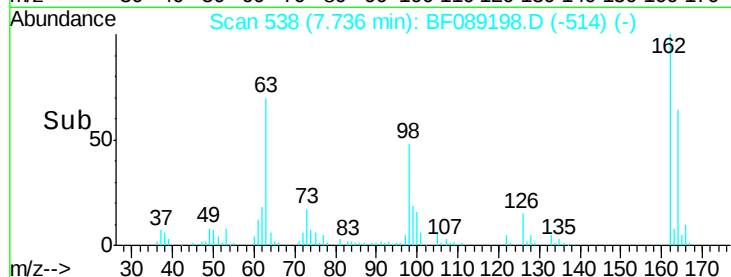
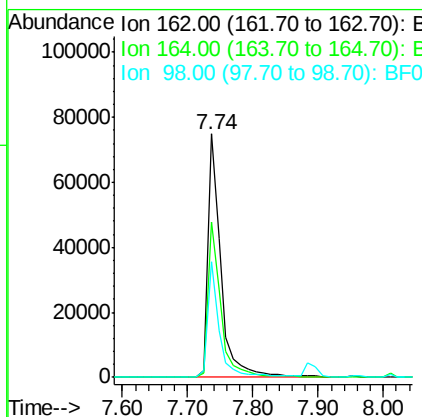
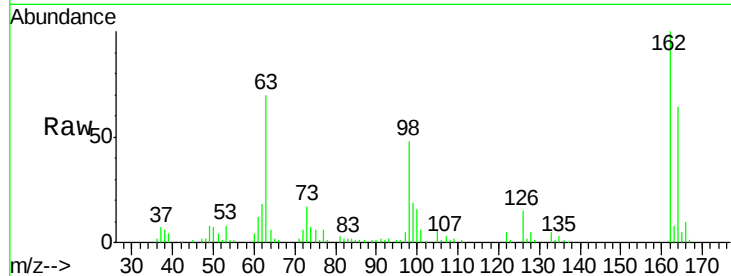
#29
2,4-Dichlorophenol
Concen: 39.66 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	103406		
164	63.9	44.0	84.0	
98	47.6	26.0	66.0	

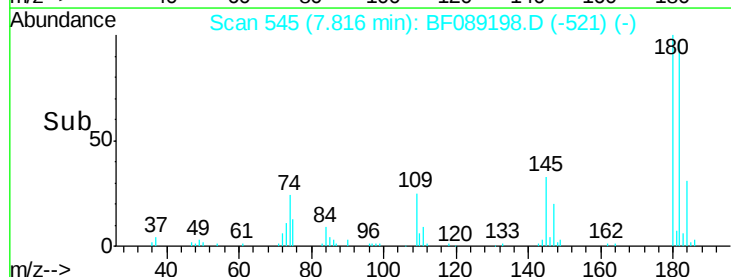
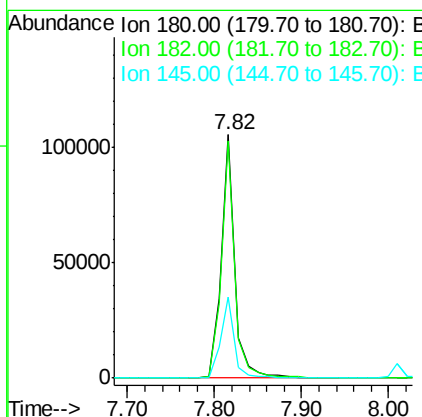
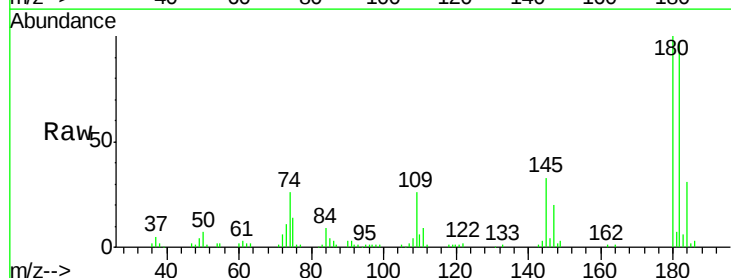
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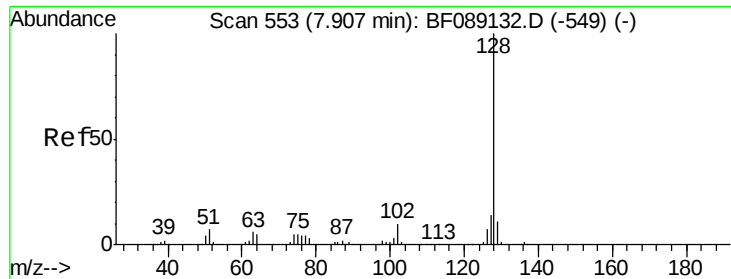
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#30
1,2,4-Trichlorobenzene
Concen: 40.43 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	116681		
182	97.4	77.6	116.4	
145	33.1	24.0	36.0	





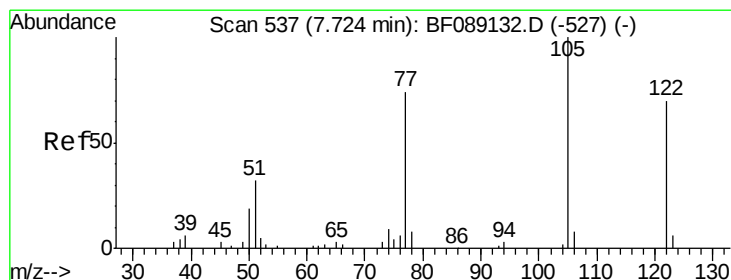
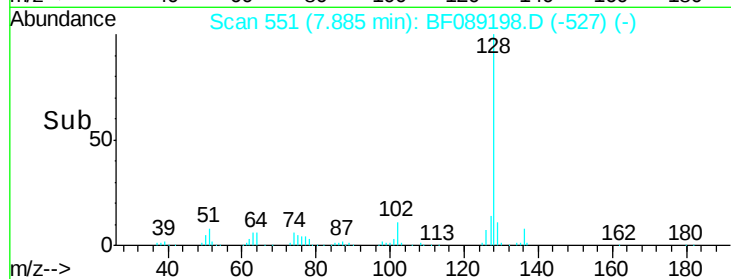
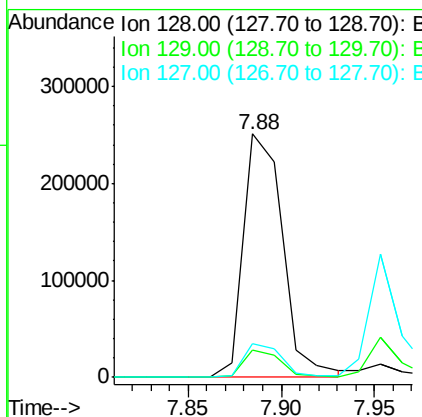
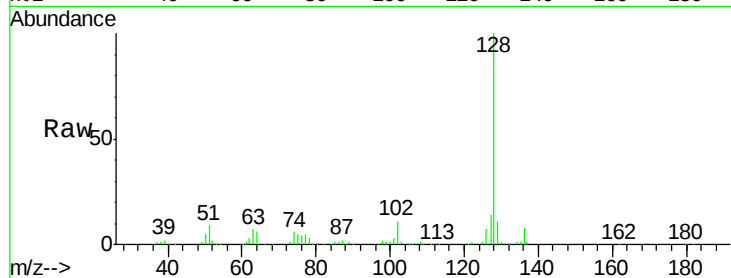
#31
Naphthalene
Concen: 36.74 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	367814		
129	11.4	8.9	13.3	
127	13.7	10.8	16.2	

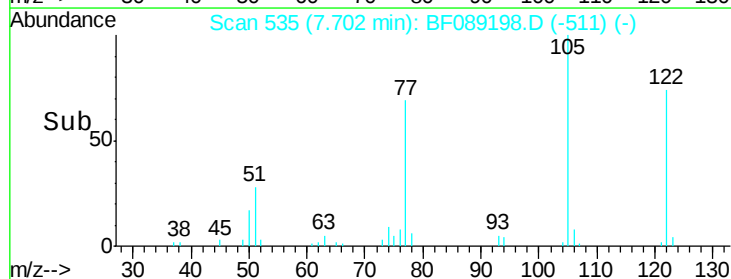
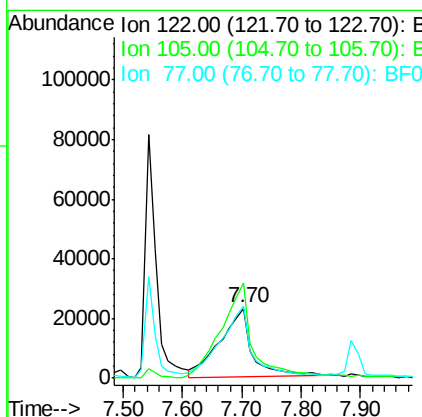
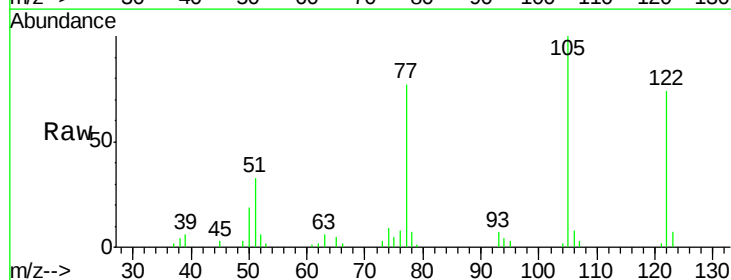
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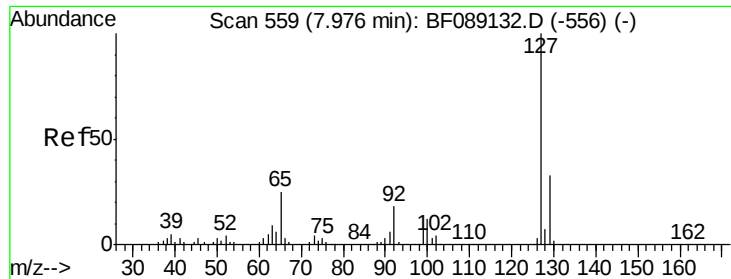
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#32
Benzoic acid
Concen: 38.33 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	85272		
105	135.6	119.0	159.0	
77	104.0	84.7	124.7	





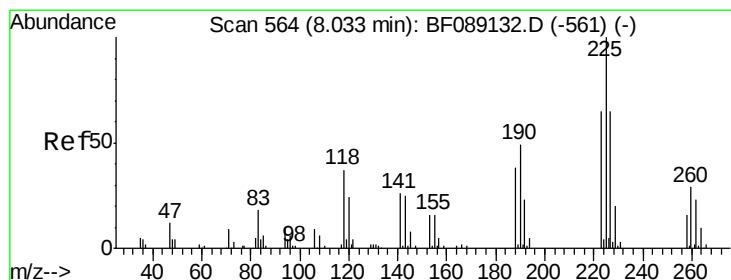
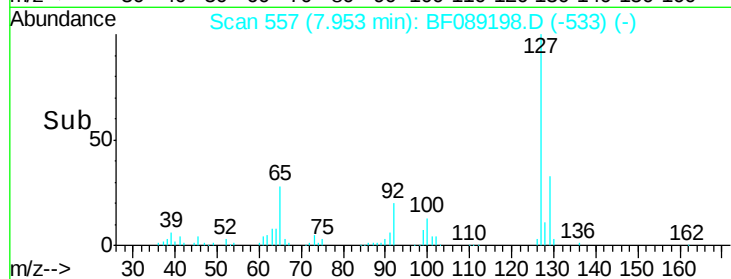
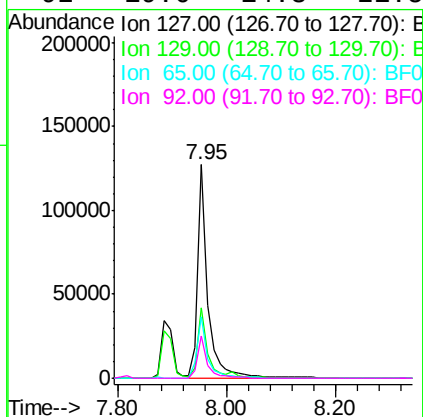
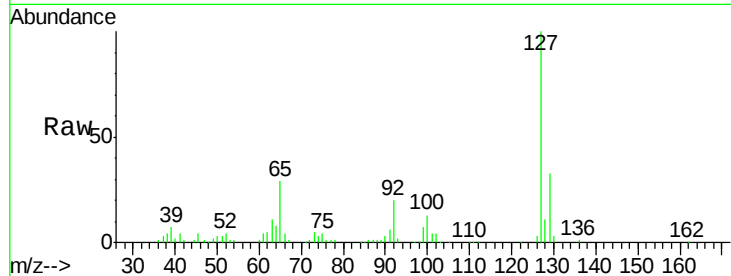
#33
4-Chloroaniline
Concen: 39.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	164180		
129	32.9	25.9	38.9	
65	28.8	19.7	29.5	
92	19.6	14.3	21.5	

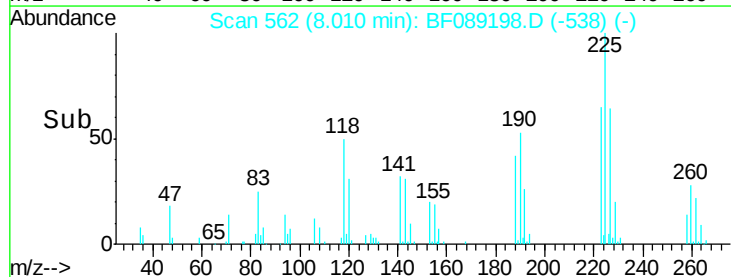
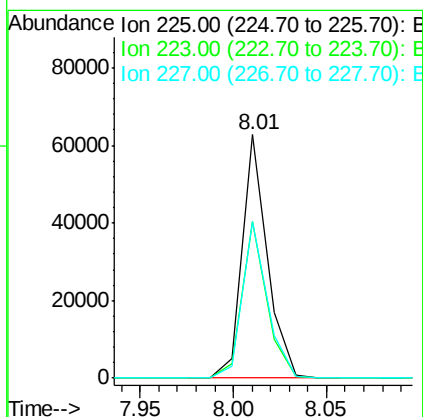
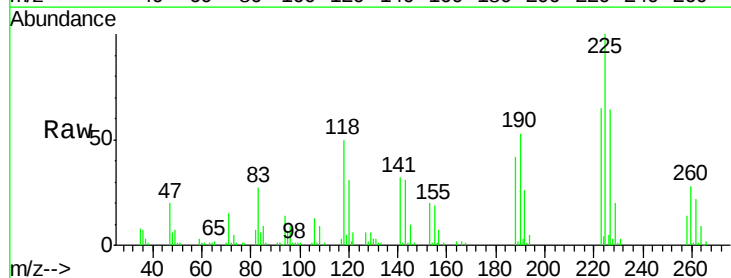
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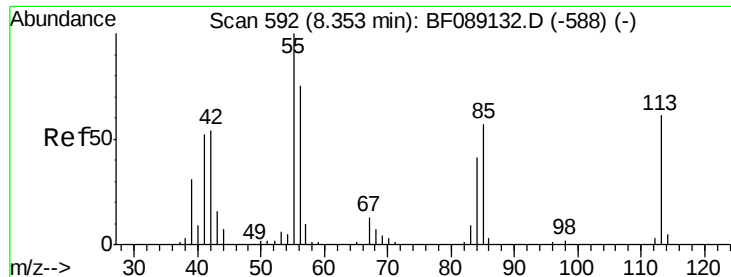
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#34
Hexachlorobutadiene
Concen: 36.55 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58716		
223	64.5	51.6	77.4	
227	64.1	51.6	77.4	





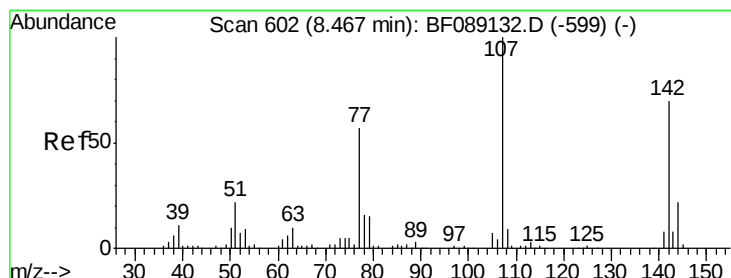
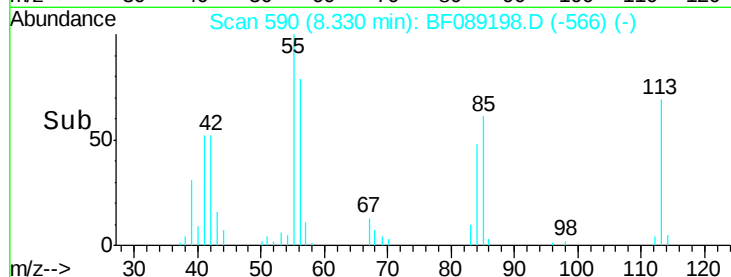
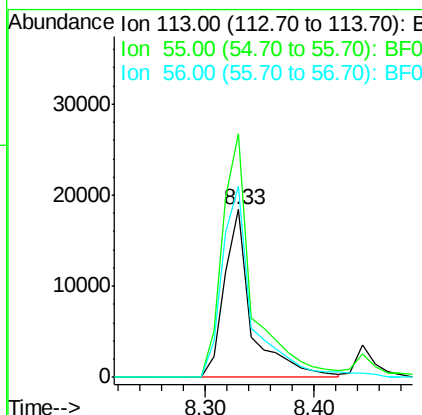
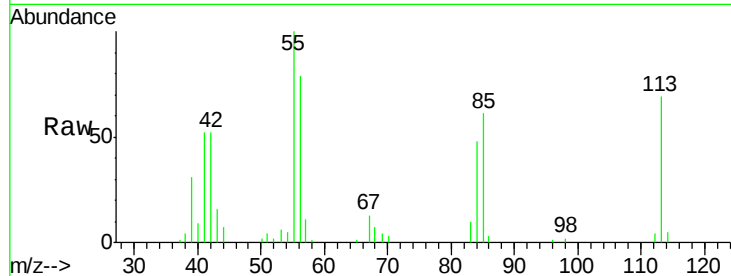
#35
 Caprolactam
 Concen: 39.60 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 32060
 Ion Ratio Lower Upper
 113 100
 55 145.1 145.3 185.3#
 56 114.3 104.3 144.3

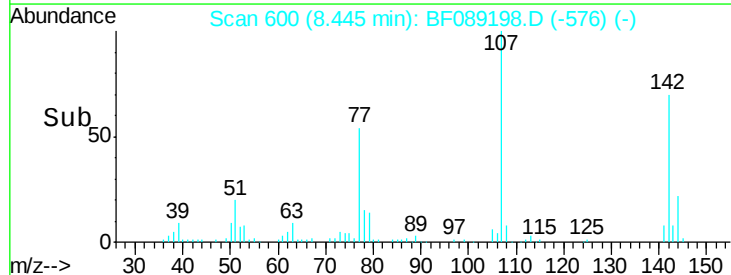
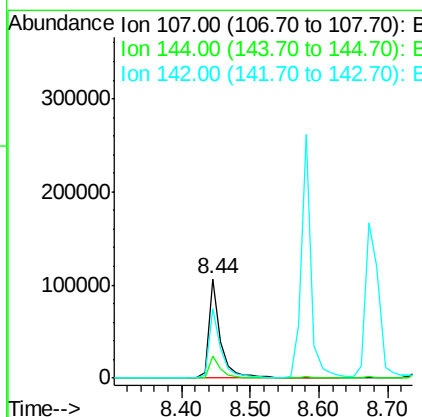
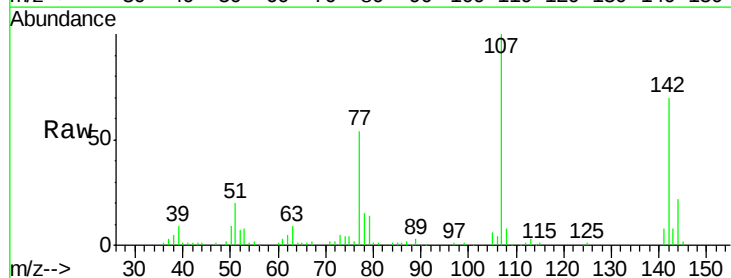
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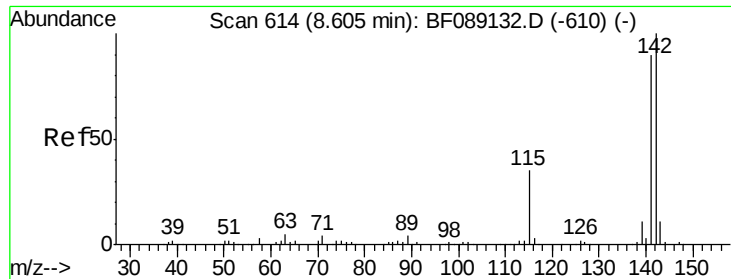
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#36
 4-Chloro-3-methylphenol
 Concen: 40.52 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Tgt Ion:107 Resp: 127271
 Ion Ratio Lower Upper
 107 100
 144 22.5 17.8 26.6
 142 70.0 56.1 84.1





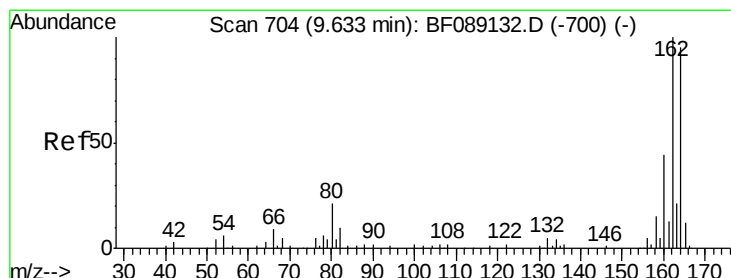
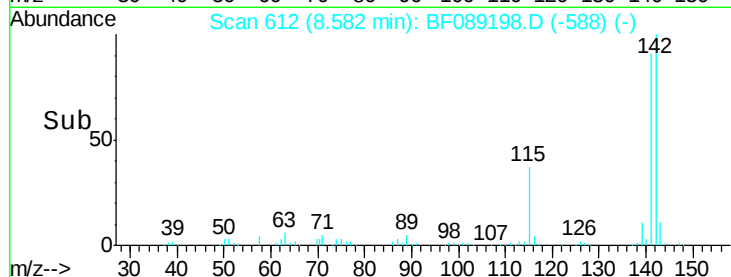
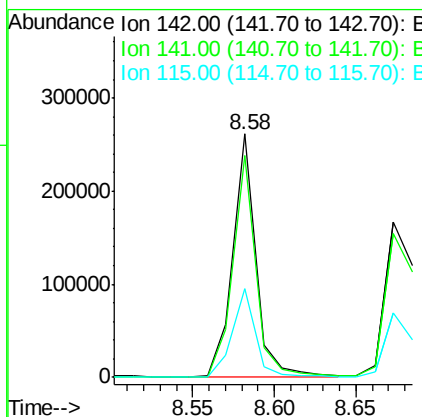
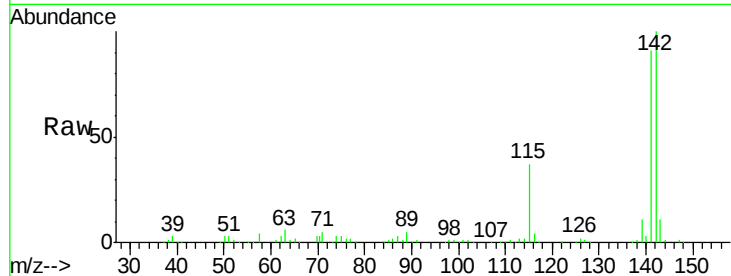
#37
2-Methylnaphthalene
Concen: 40.12 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	256110		
141	90.9	71.6	107.4	
115	36.6	27.6	41.4	

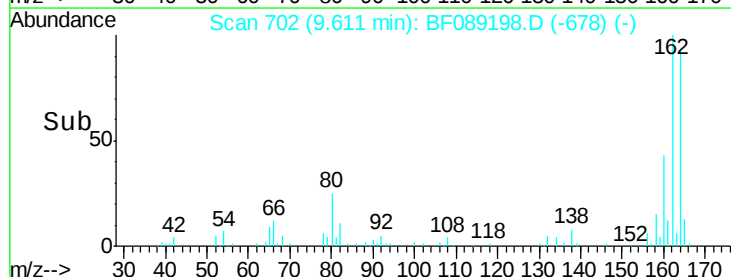
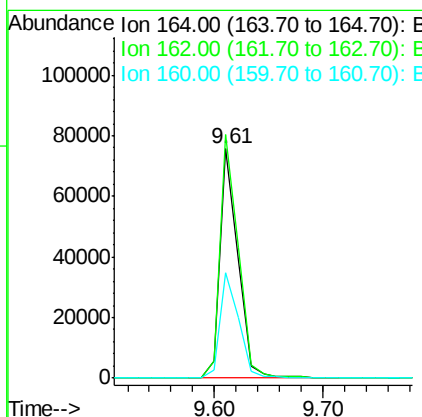
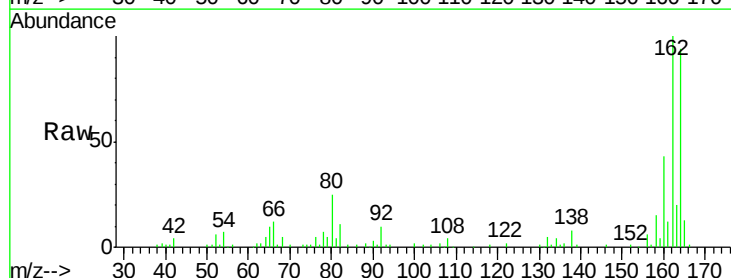
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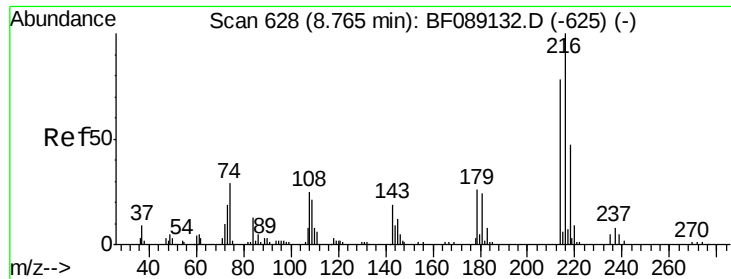
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87574		
162	106.1	84.1	126.1	
160	45.9	37.1	55.7	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.36 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

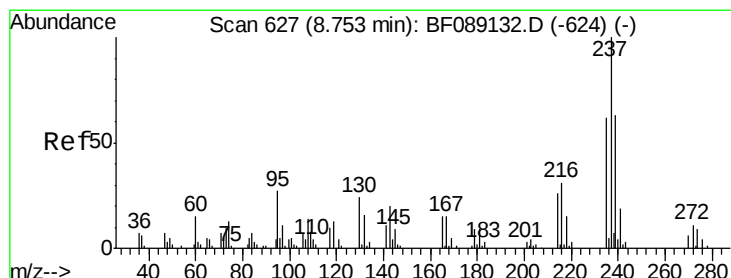
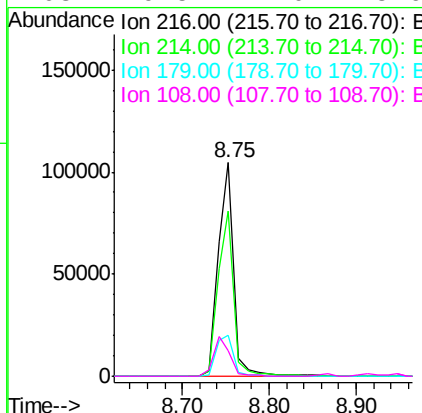
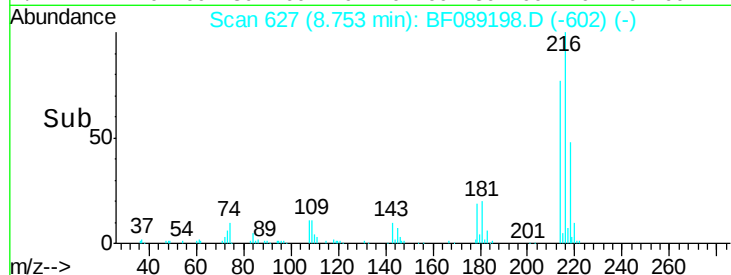
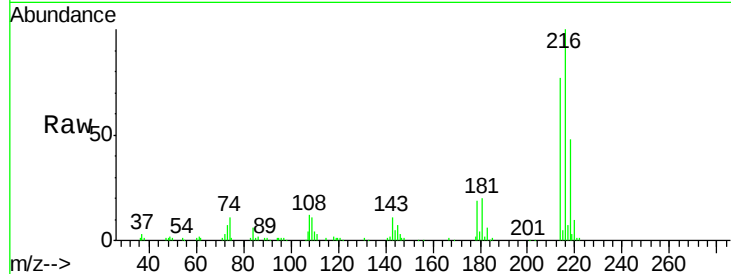
ClientSampleId :

SSTDCCC040

Tgt Ion:	216	Resp:	131366
Ion Ratio		Lower	Upper
216	100		
214	78.5	61.9	92.9
179	22.0	18.4	27.6
108	19.5	17.0	25.6

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 35.04 ng

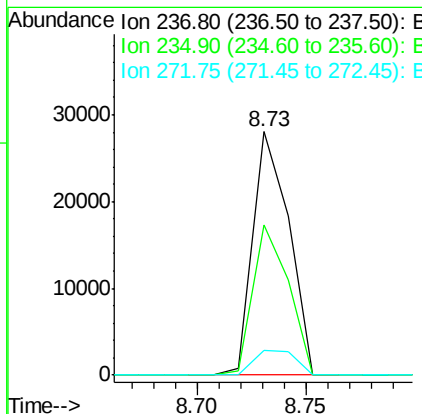
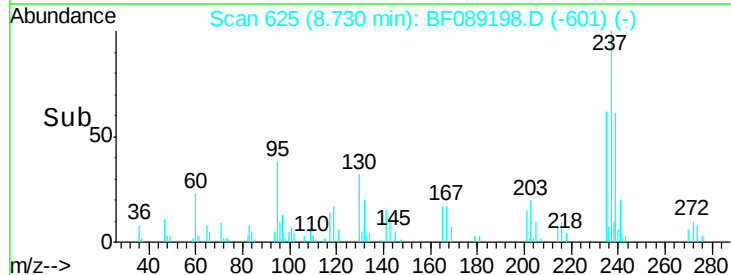
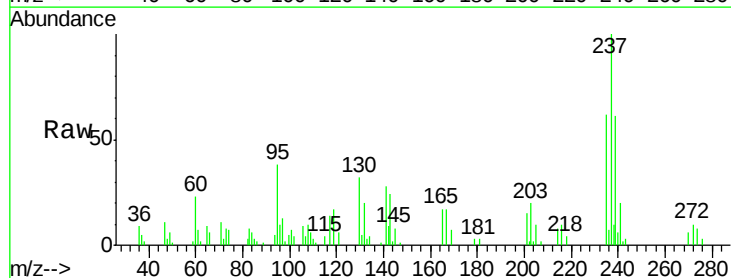
RT: 8.73 min Scan# 625

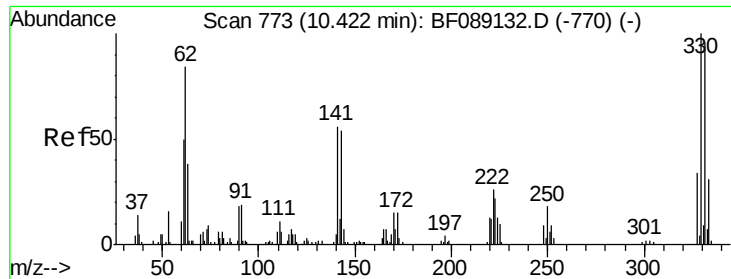
Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion:	237	Resp:	32399
Ion Ratio		Lower	Upper
237	100		
235	61.7	42.1	82.1
272	10.1	0.0	31.4





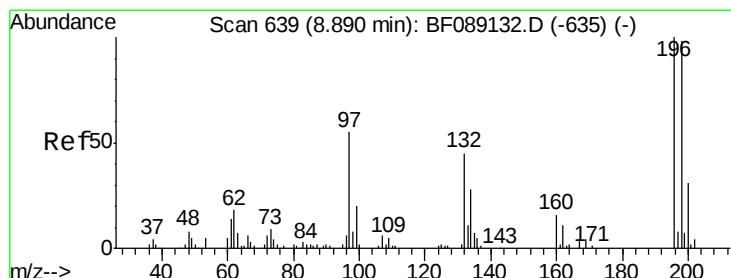
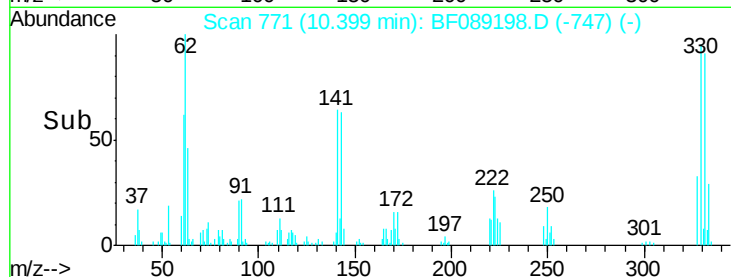
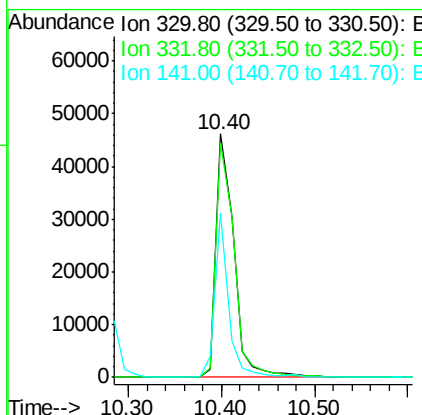
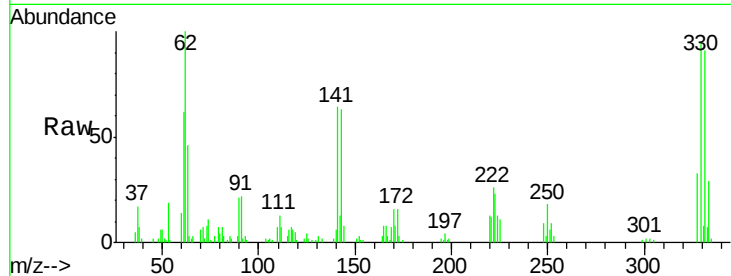
#41
 2,4,6-Tribromophenol
 Concen: 78.10 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.2	115.8
141	52.1	42.2	63.2

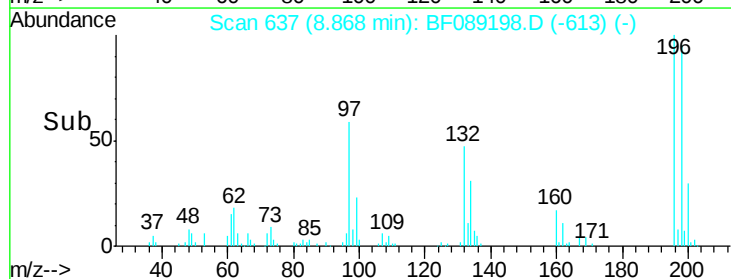
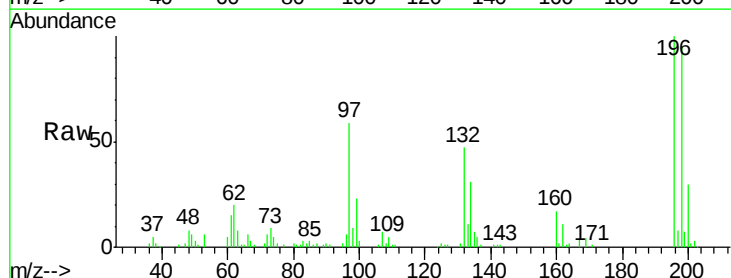
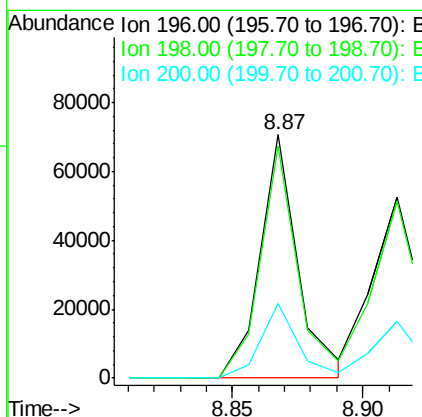
Manual Integrations
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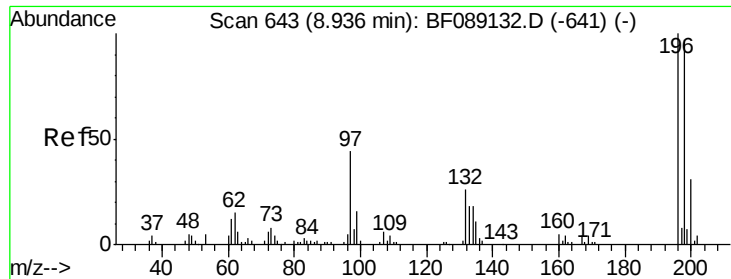
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#42
 2,4,6-Trichlorophenol
 Concen: 39.28 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.3	117.5
200	30.4	25.0	37.4





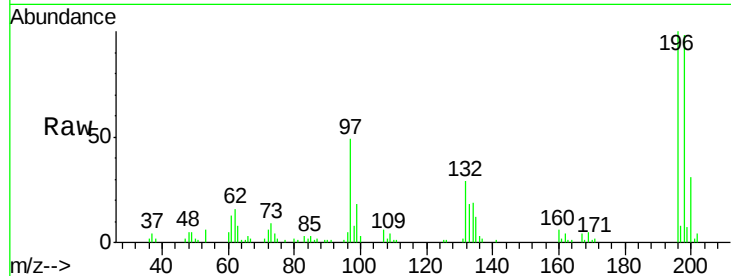
#43
 2,4,5-Trichlorophenol
 Concen: 40.43 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73935		
198	97.9	77.6	116.4	
97	49.2	36.5	54.7	
132	28.7	21.2	31.8	

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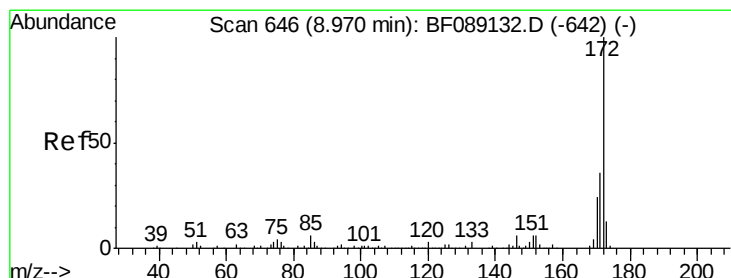
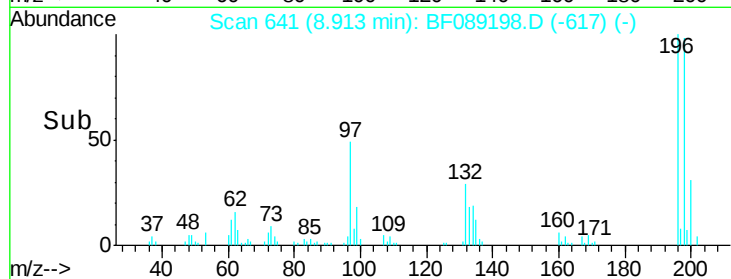
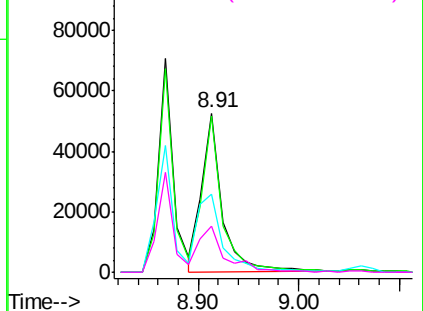
Abundance

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: 81.80 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

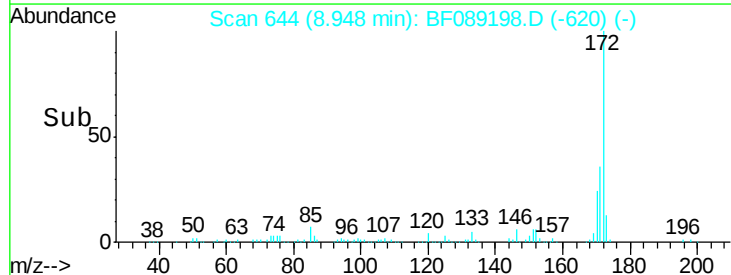
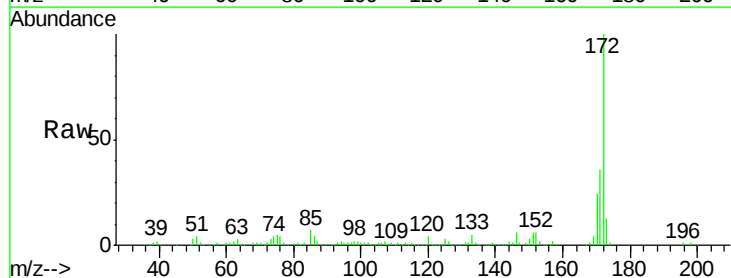
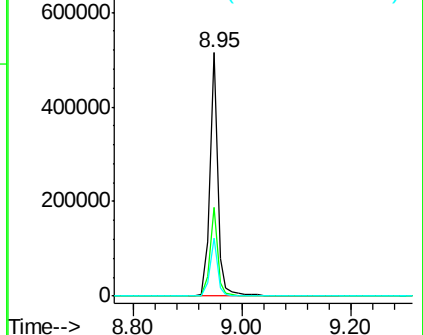
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	519910		
171	36.3	29.2	43.8	
170	23.7	19.1	28.7	

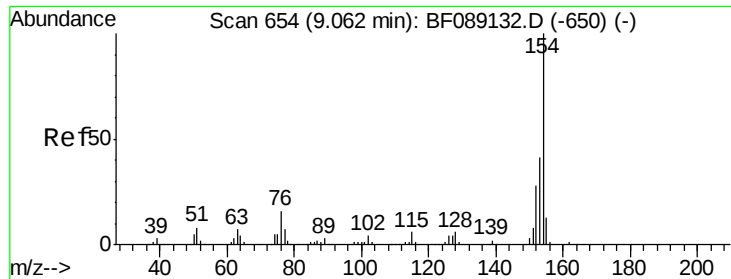
Abundance

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: 40.91 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

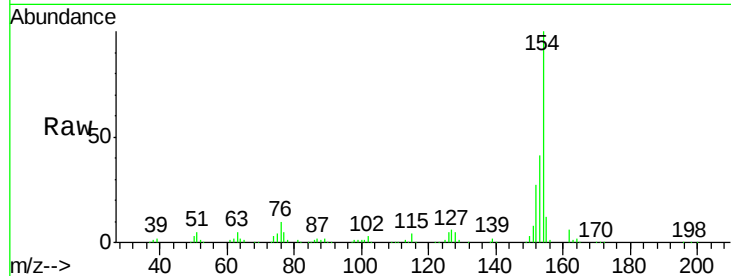
ClientSampleId :

SSTDCCC040

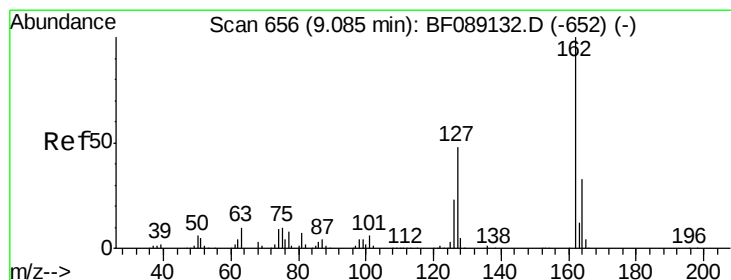
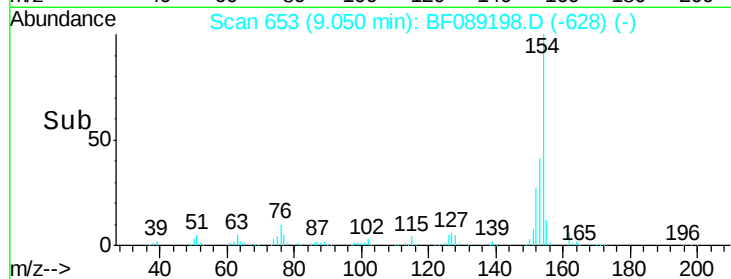
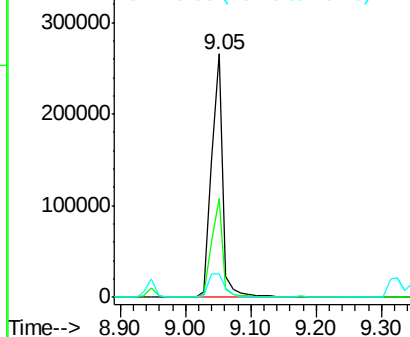
Tgt Ion:	154	Resp:	322671
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.1	61.1
76	9.5	0.0	35.8

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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: 39.79 ng

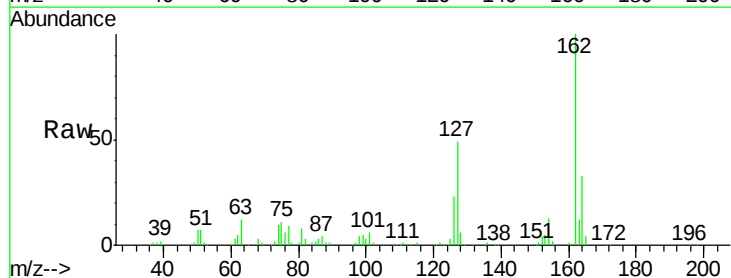
RT: 9.06 min Scan# 654

Delta R.T. -0.02 min

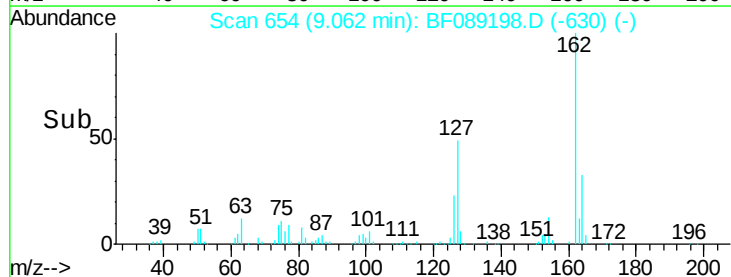
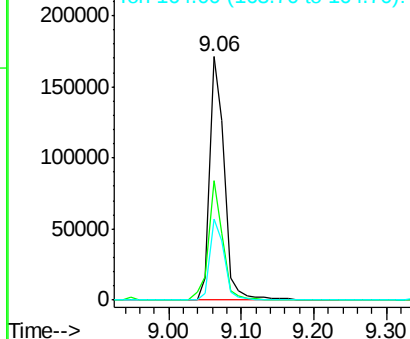
Lab File: BF089198.D

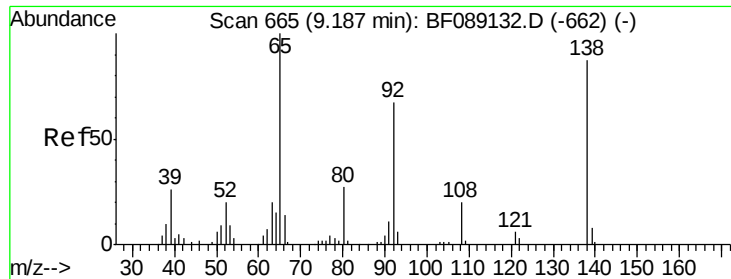
Acq: 22 Jul 2016 16:32

Tgt Ion:	162	Resp:	238476
Ion Ratio	Lower	Upper	
162	100		
127	49.3	38.1	57.1
164	33.1	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: 39.85 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 65 Resp: 81922

Ion Ratio Lower Upper

65 100

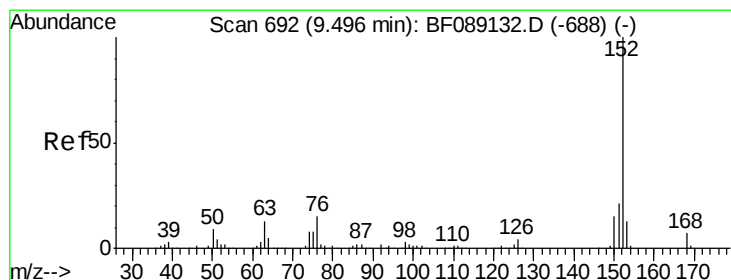
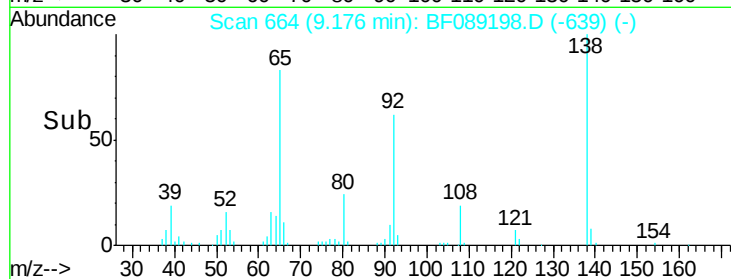
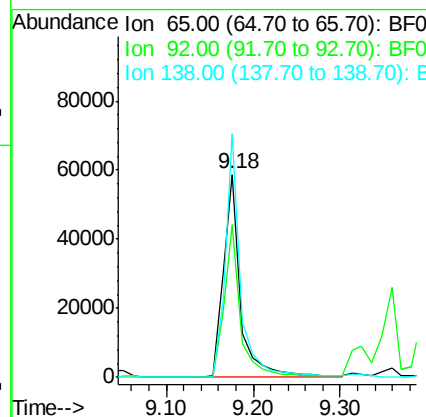
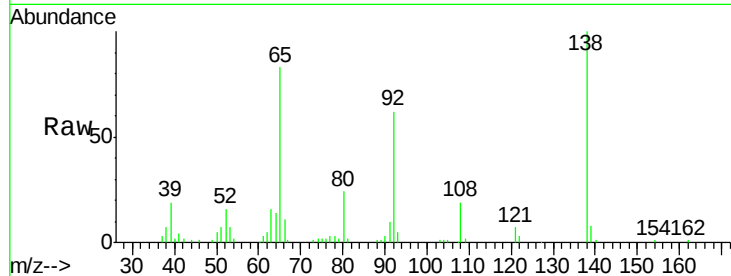
92 74.9 53.2 79.8

138 119.8 69.4 104.2#

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#48

Acenaphthylene

Concen: 39.08 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

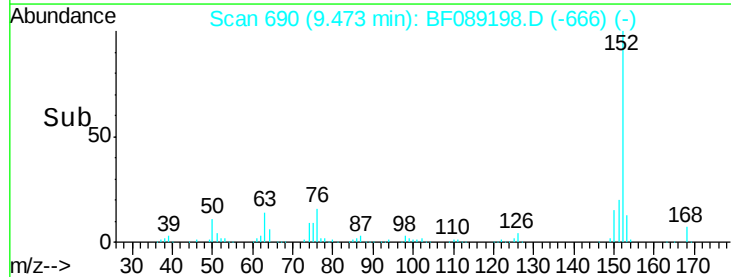
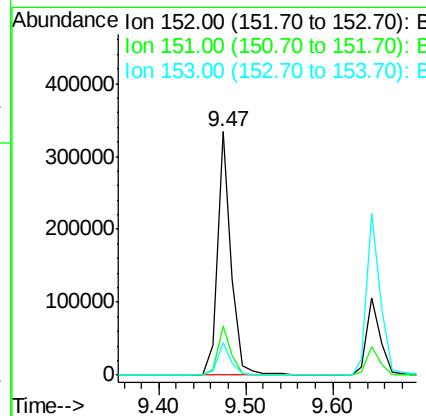
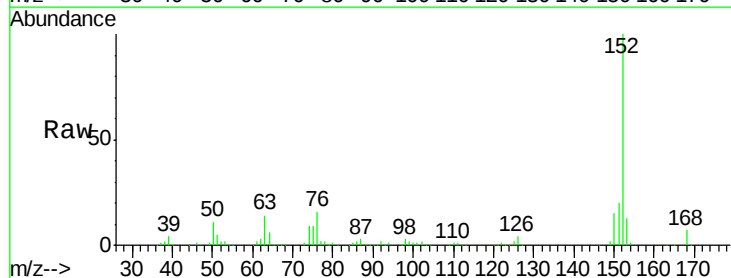
Tgt Ion: 152 Resp: 368192

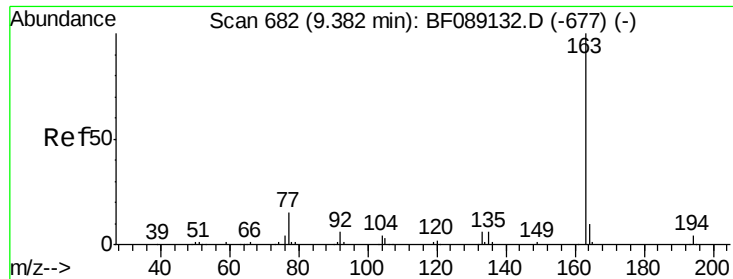
Ion Ratio Lower Upper

152 100

151 20.3 16.5 24.7

153 13.4 10.7 16.1





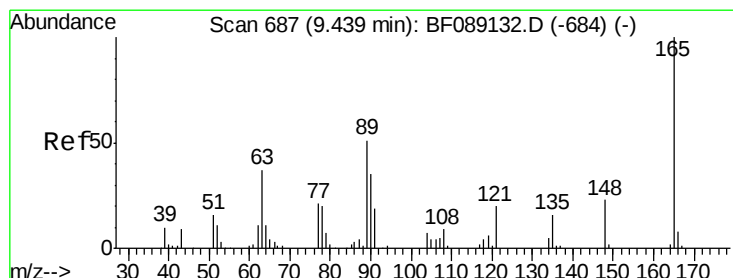
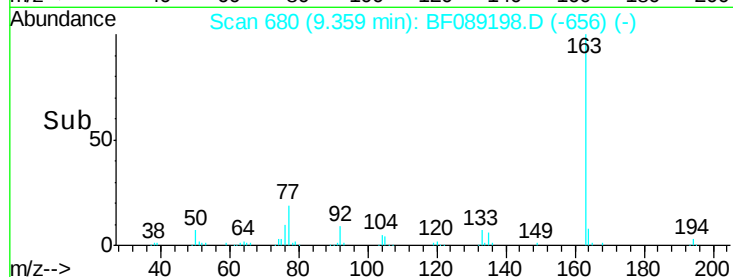
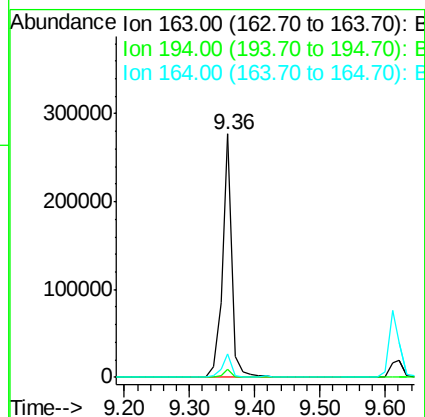
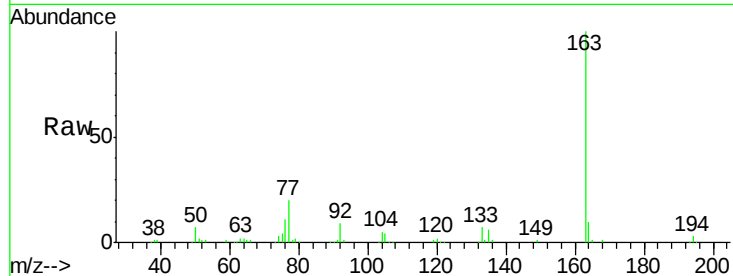
#49
Dimethylphthalate
Concen: 42.51 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	285678		
194	3.4		2.9	4.3
164	9.8		7.6	11.4

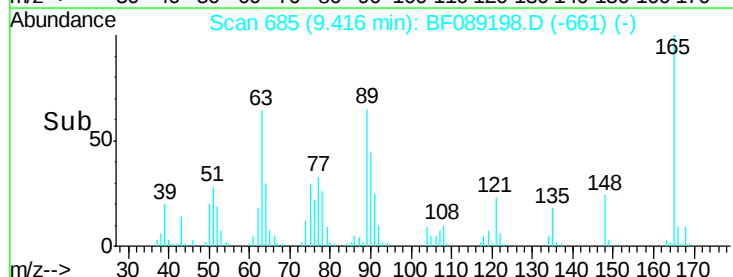
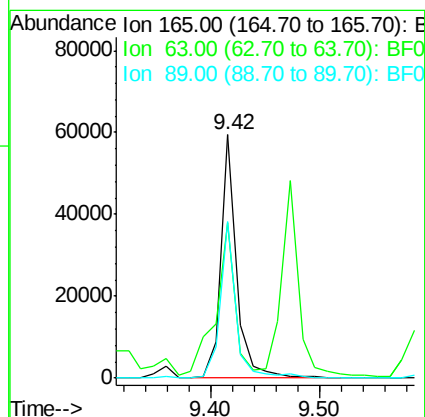
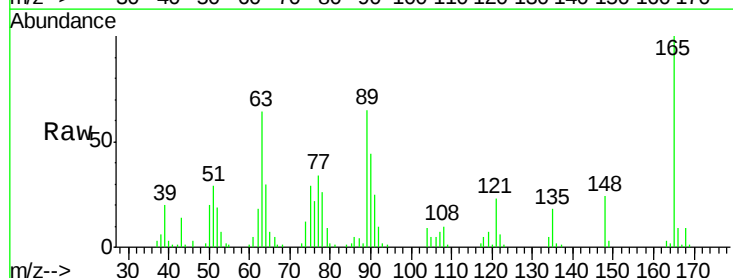
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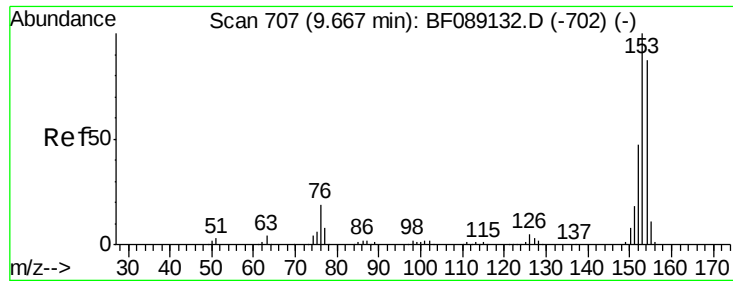
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#50
2,6-Dinitrotoluene
Concen: 40.10 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	60834		
63	63.7		37.0	55.4#
89	64.5		40.9	61.3#





#51

Acenaphthene

Concen: 37.33 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

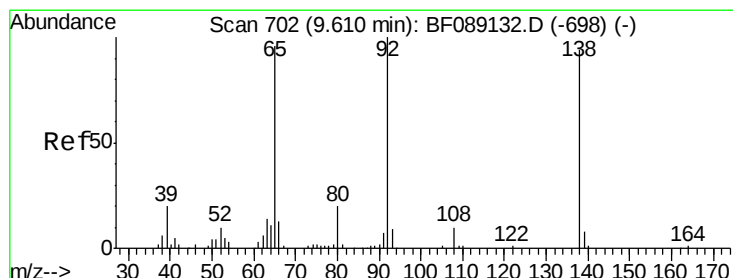
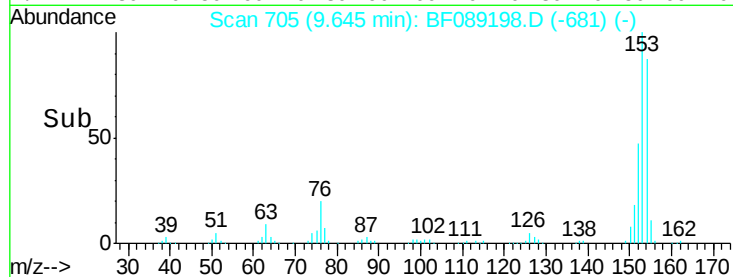
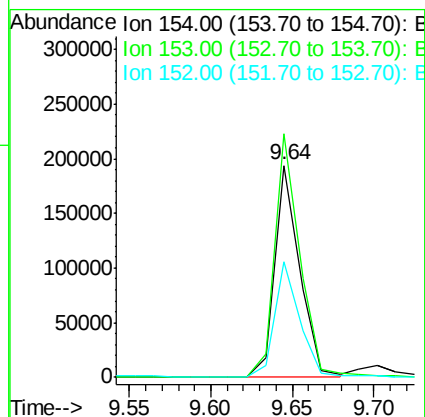
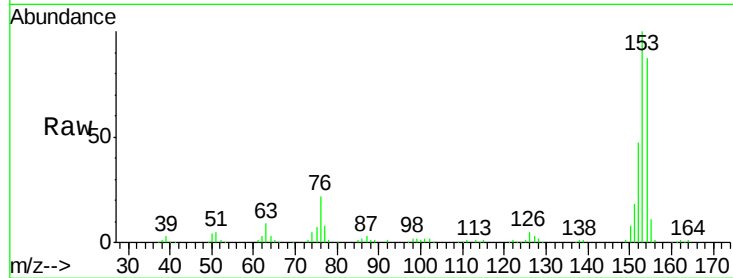
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	208083
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.9	137.9
152	54.5	42.8	64.2

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#52

3-Nitroaniline

Concen: 40.38 ng

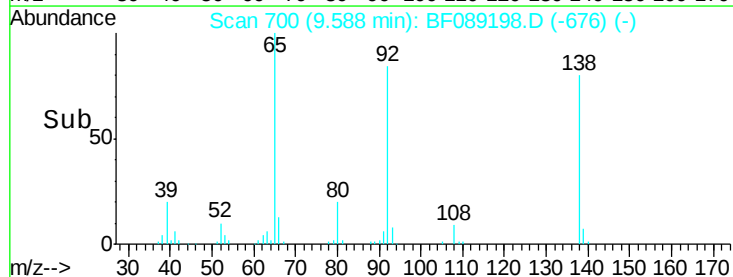
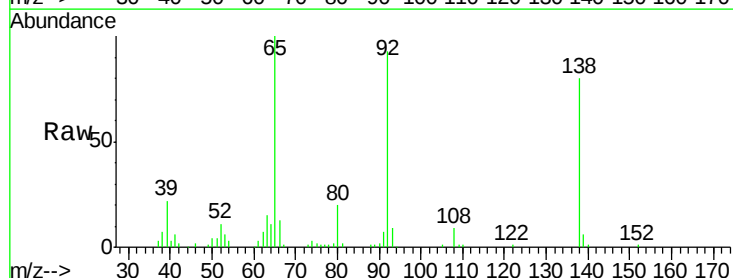
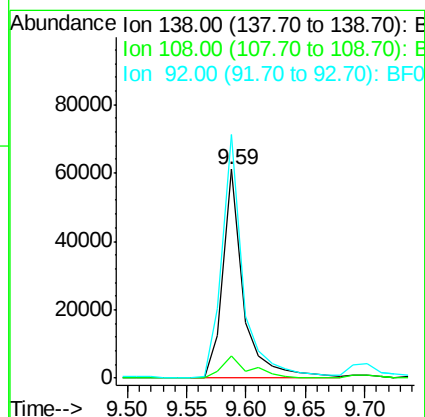
RT: 9.59 min Scan# 700

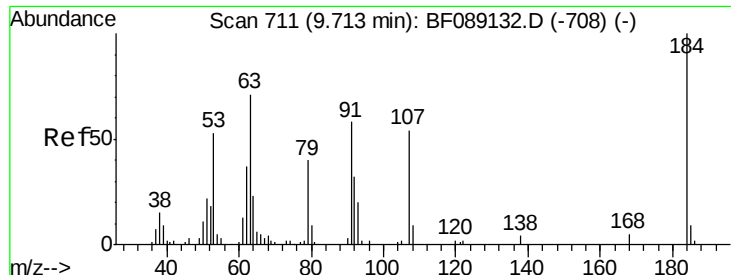
Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

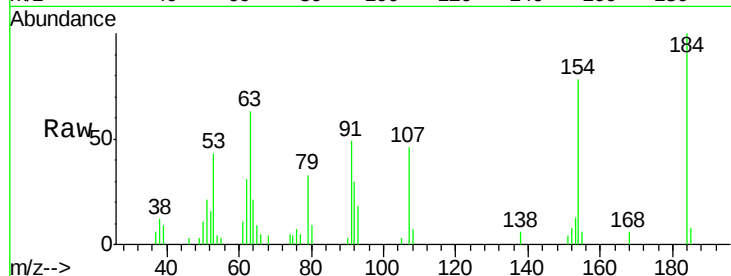
Tgt Ion:	138	Resp:	72752
Ion Ratio	Lower	Upper	
138	100		
108	10.9	8.8	13.2
92	116.6	85.3	127.9





#53
 2,4-Dinitrophenol
 Concen: 40.12 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

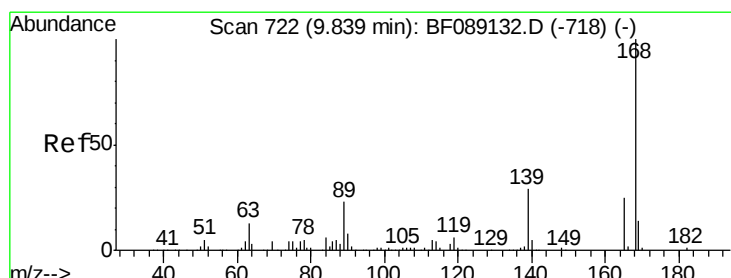
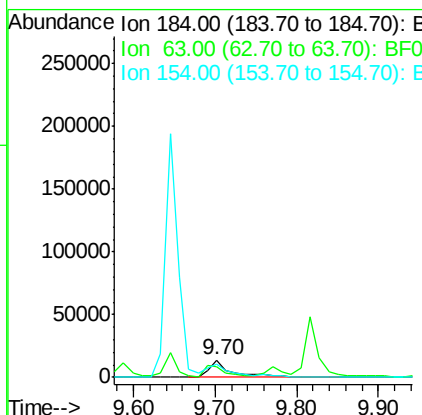
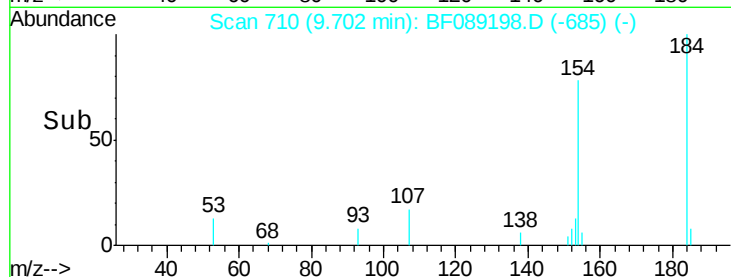
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



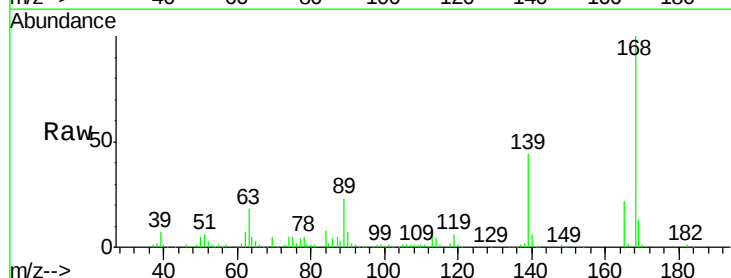
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	27356		
63	62.5	60.3	90.5	
154	78.3	60.7	91.1	

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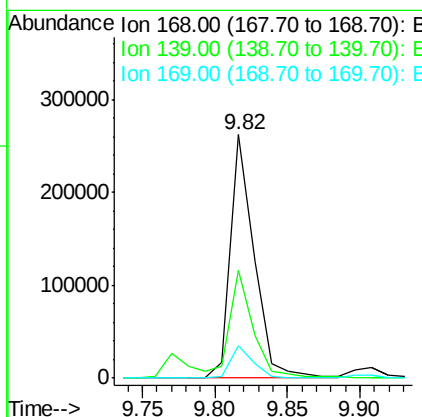
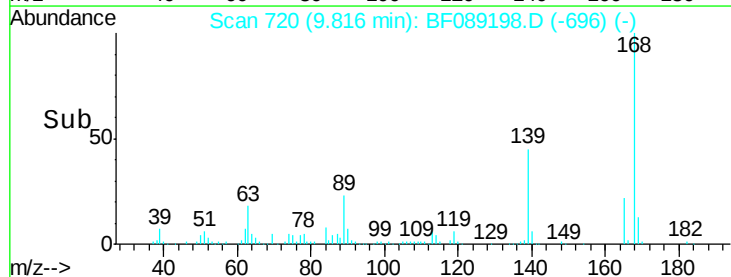
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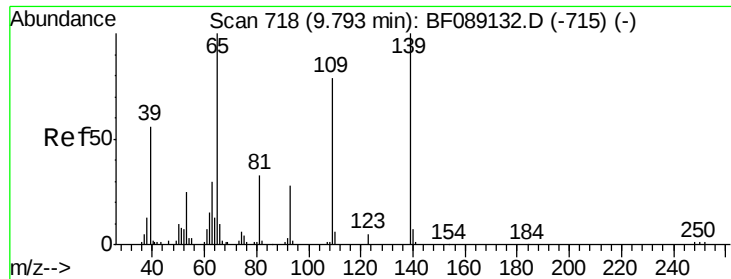


#54
 Dibenzofuran
 Concen: 39.68 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32



Tgt Ion	Ratio	Resp	Lower	Upper
168	100	298868		
139	44.5	34.4	51.6	
169	13.4	10.8	16.2	





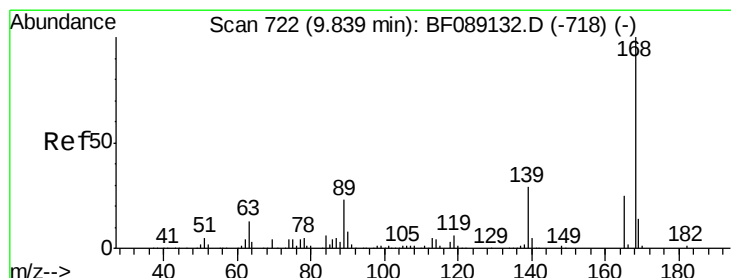
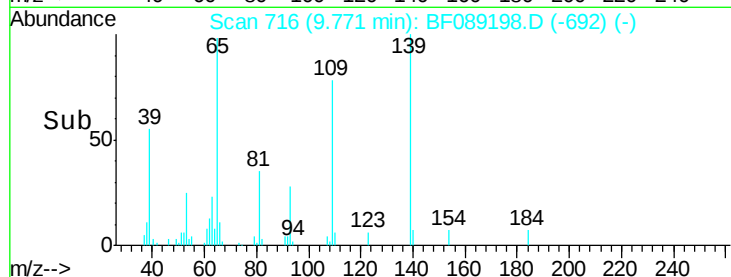
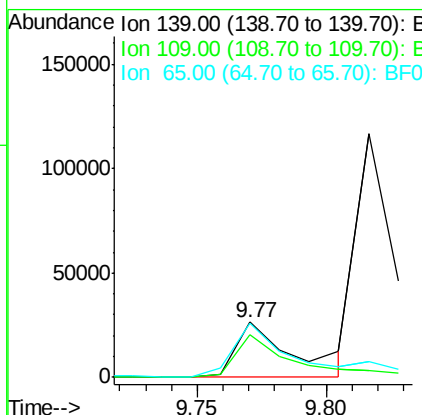
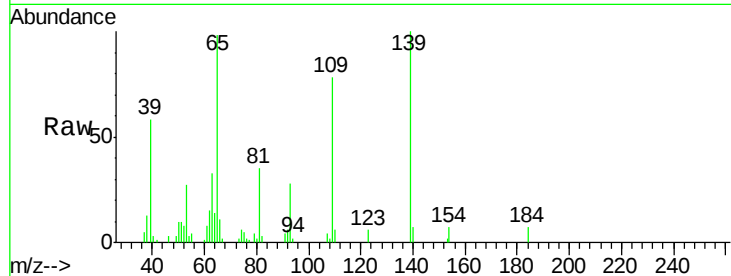
#55
4-Nitrophenol
Concen: 38.53 ng m
RT: 9.77 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.3	58.7	98.7
65	98.2	80.2	120.2

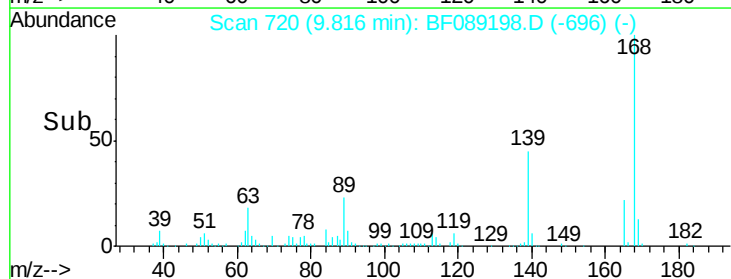
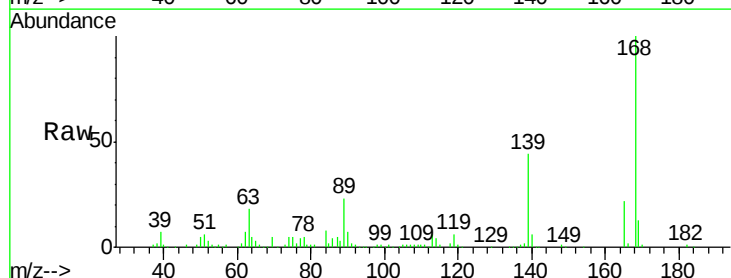
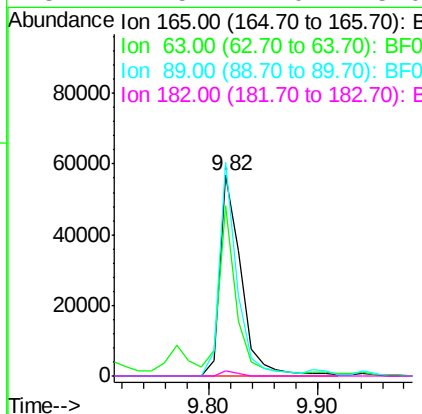
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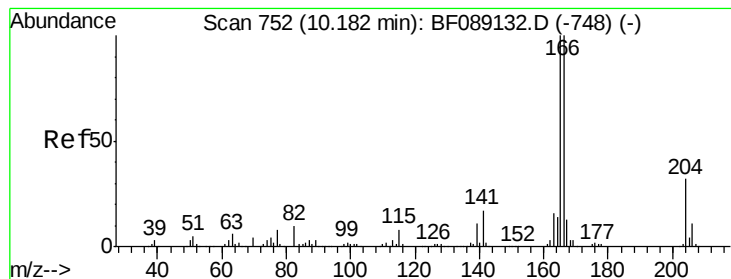
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#56
2,4-Dinitrotoluene
Concen: 39.48 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	85.0	55.4	83.2#
89	106.6	74.3	111.5
182	2.5	2.0	3.0





#57

Fluorene

Concen: 40.38 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

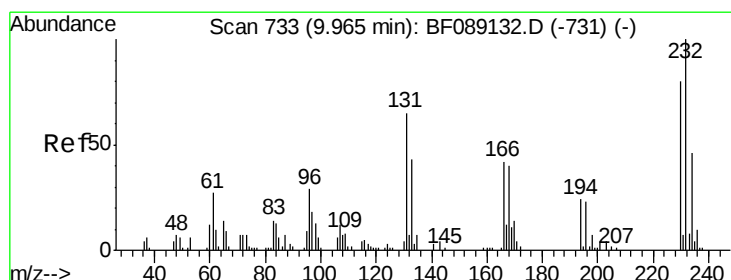
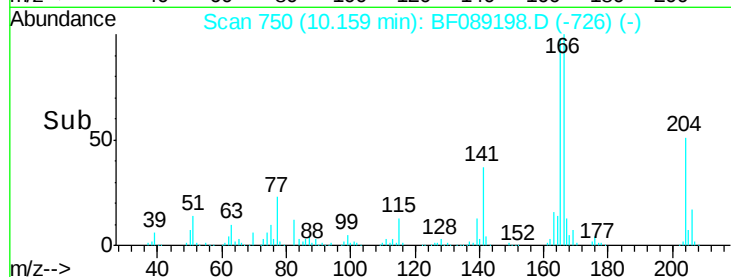
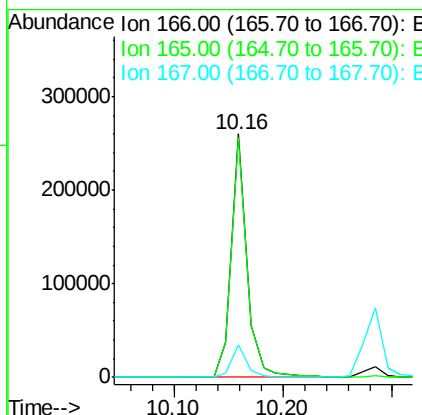
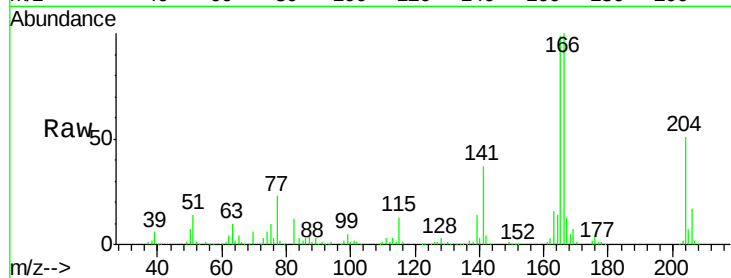
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	258128		
165	98.7	79.9	119.9	
167	13.2	10.7	16.1	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.02 ng

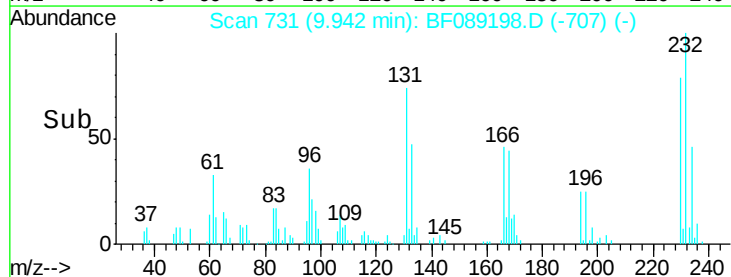
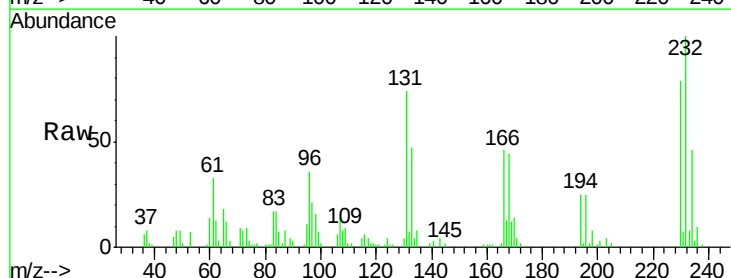
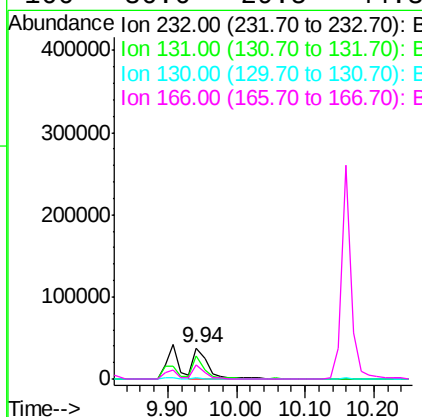
RT: 9.94 min Scan# 731

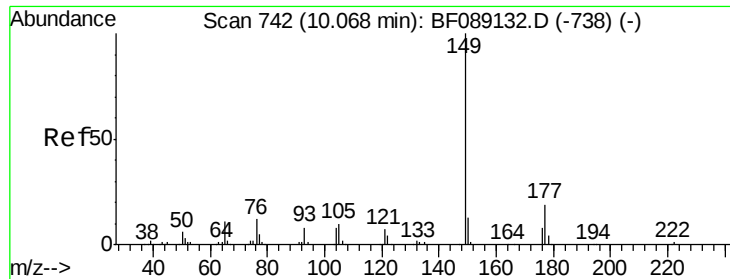
Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	56504		
131	56.2	46.2	69.2	
130	2.5	2.3	3.5	
166	36.6	29.5	44.3	





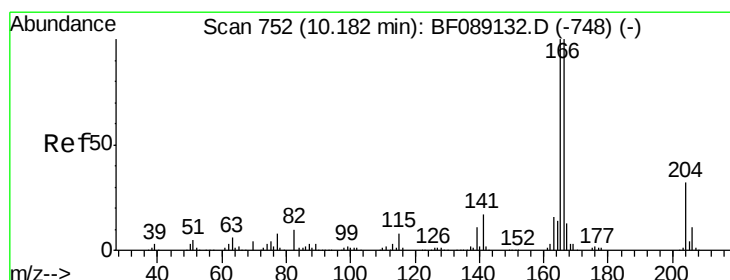
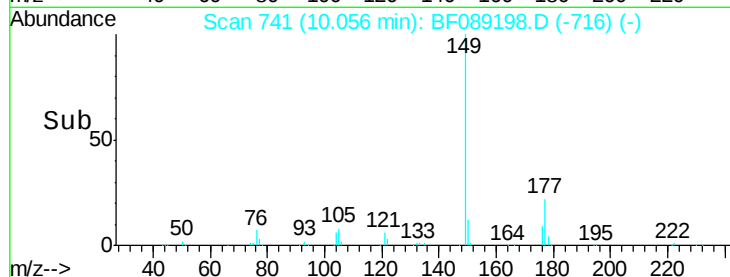
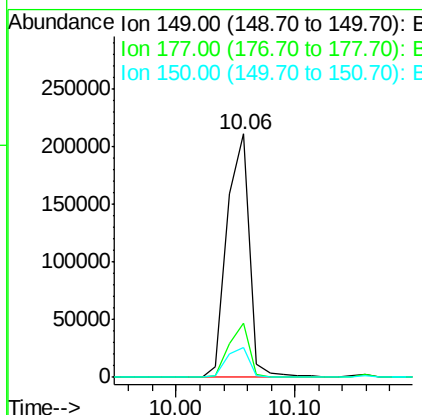
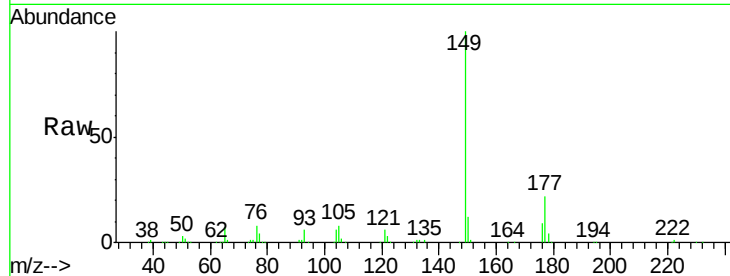
#59
Diethylphthalate
Concen: 41.13 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	15.6	23.4
150	12.3	10.1	15.1

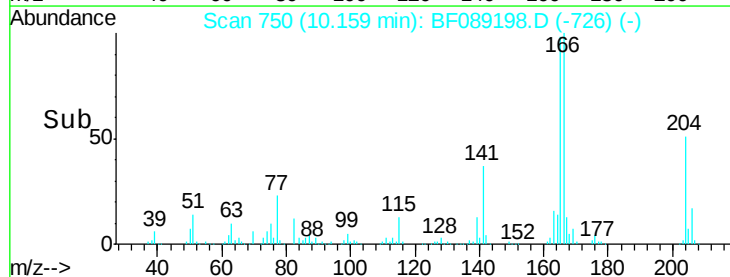
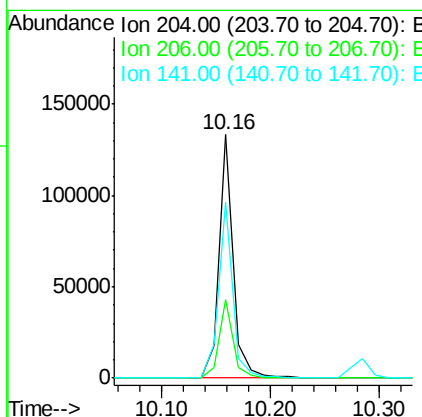
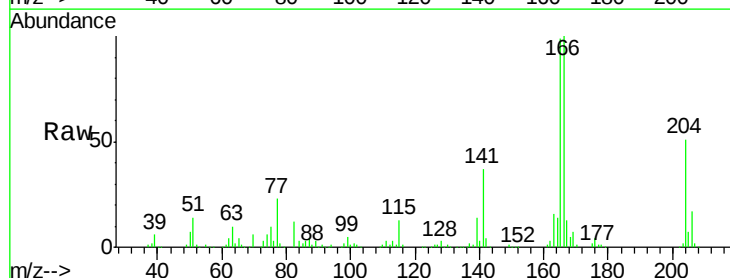
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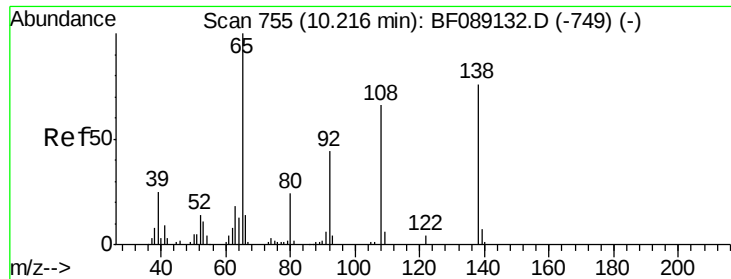
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#60
4-Chlorophenyl-phenylether
Concen: 41.87 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.4
141	72.0	42.2	63.4#





#61

4-Nitroaniline

Concen: 40.99 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

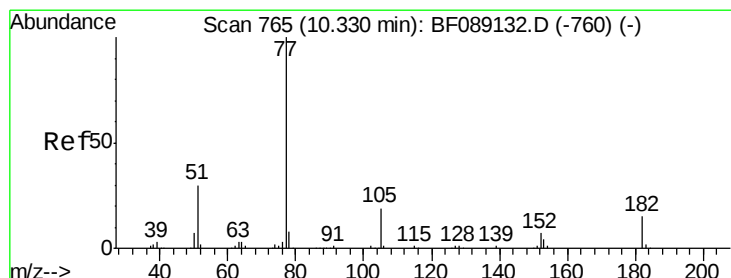
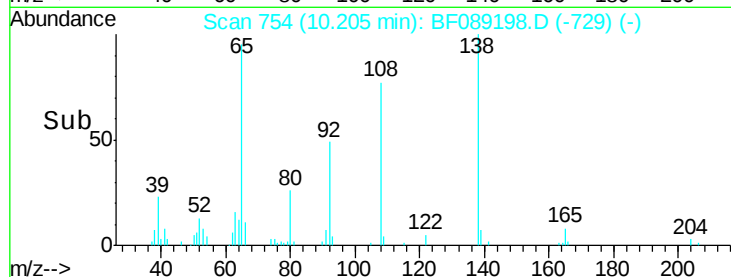
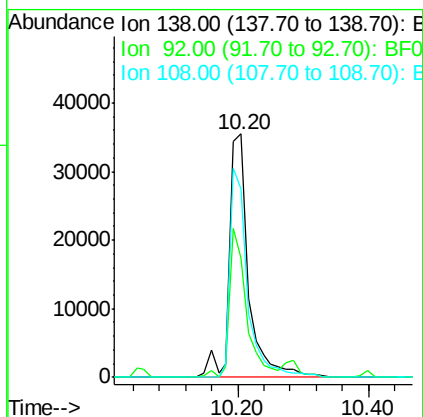
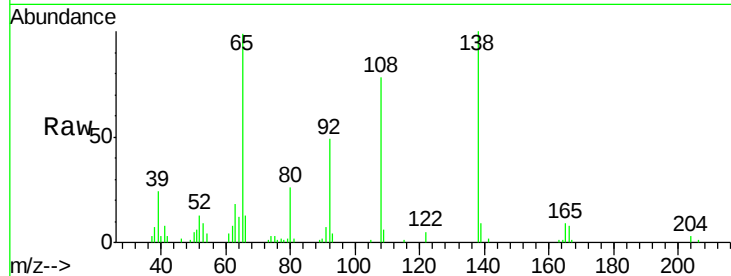
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	37.2	77.2
108	77.6	66.1	106.1

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#62

Azobenzene

Concen: 42.08 ng

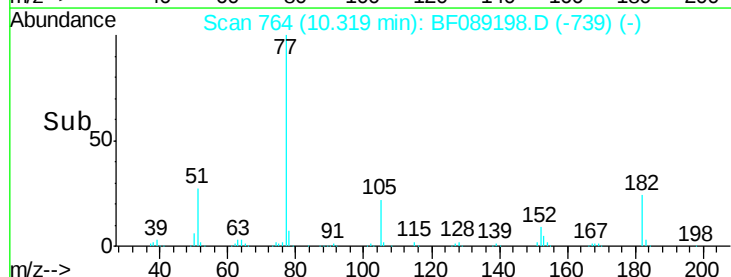
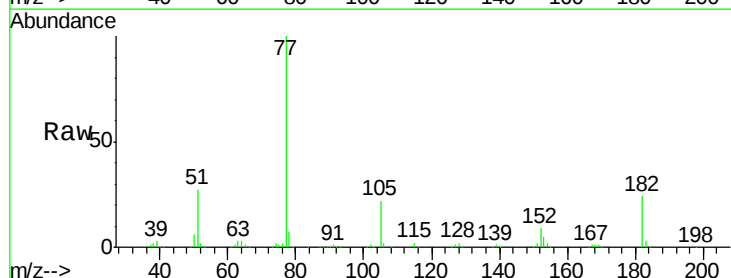
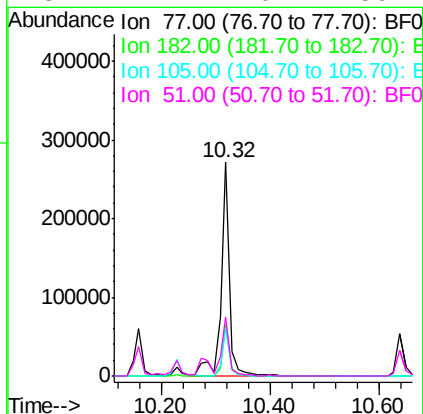
RT: 10.32 min Scan# 764

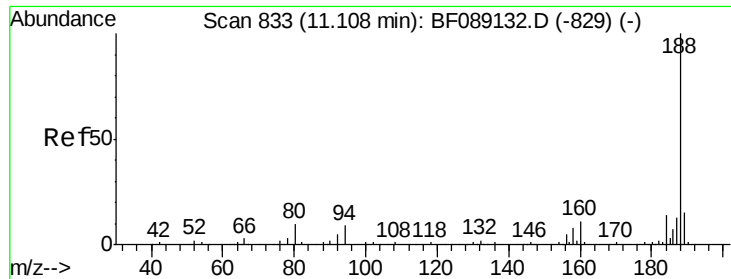
Delta R.T. -0.01 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	0.0	35.0
105	22.4	0.0	39.4
51	27.4	10.7	50.7





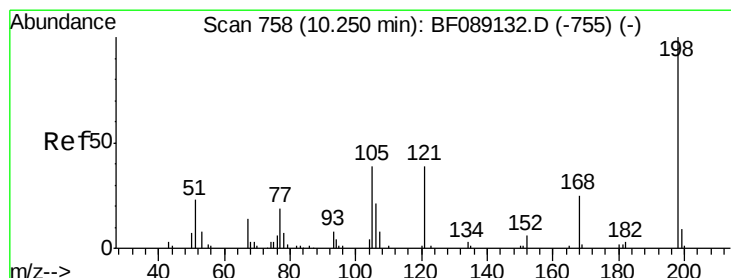
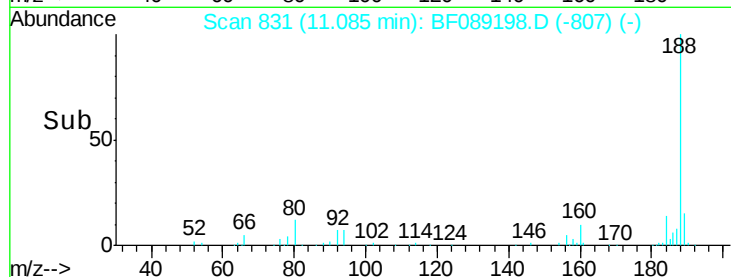
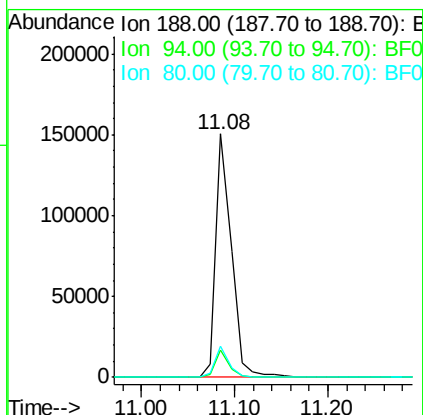
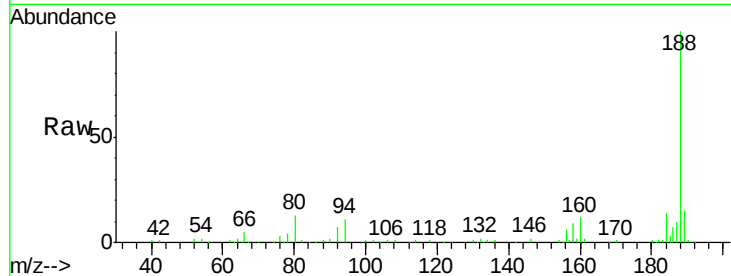
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	175191		
94	11.4	7.0	10.4#	
80	12.8	7.7	11.5#	

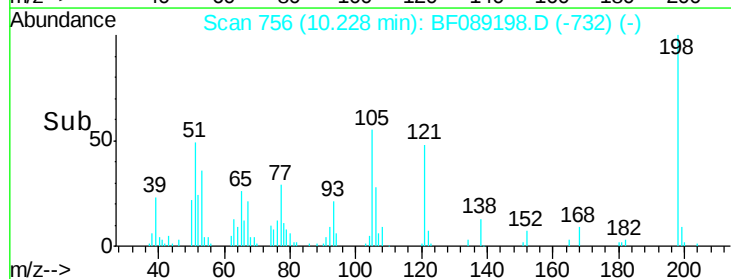
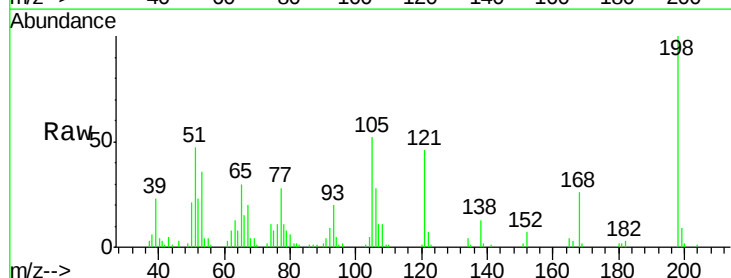
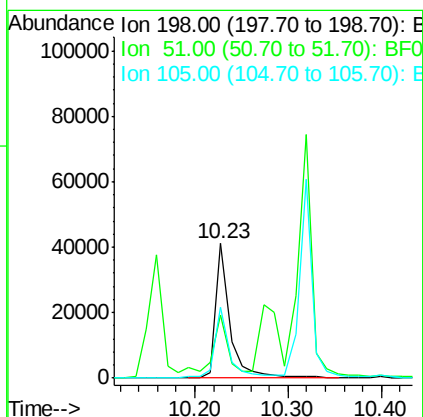
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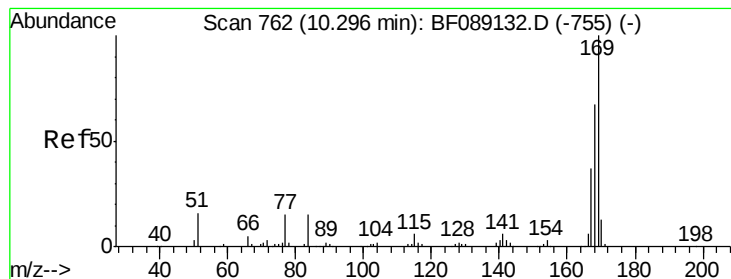
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.01 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	43868		
51	47.1	11.7	51.7	
105	52.4	20.3	60.3	





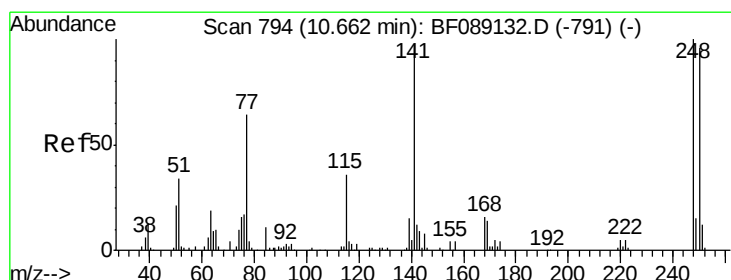
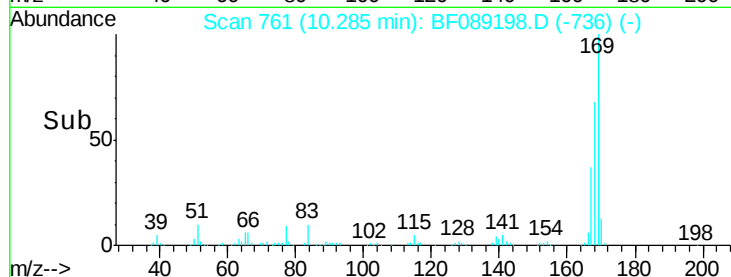
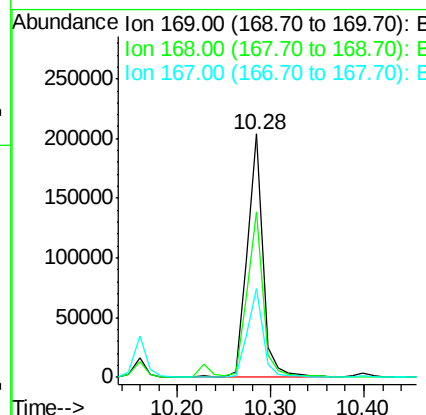
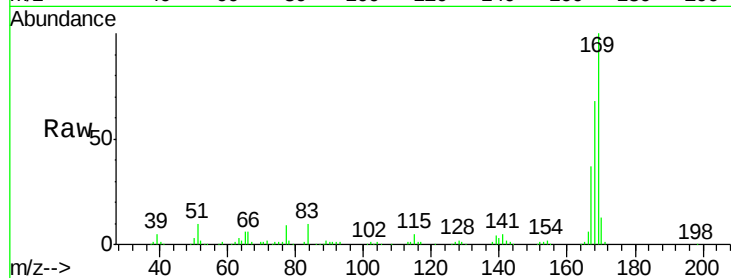
#65
n-Nitrosodiphenylamine
Concen: 40.79 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	238854		
168	68.0	53.4	80.0	
167	36.6	29.5	44.3	

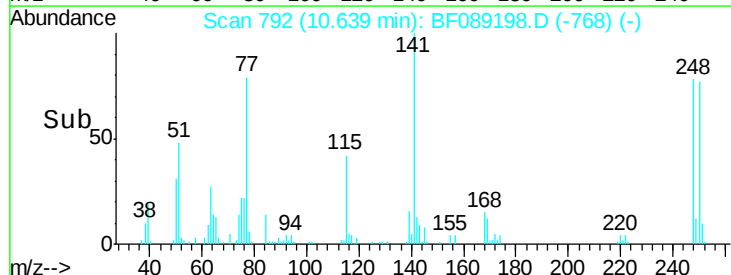
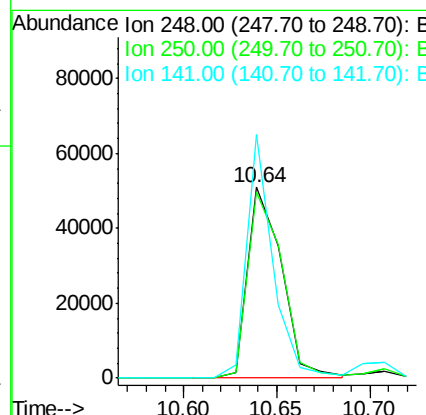
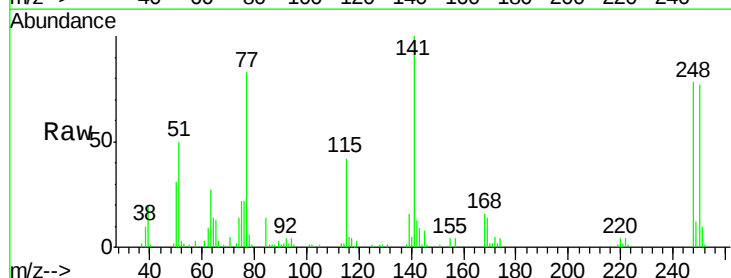
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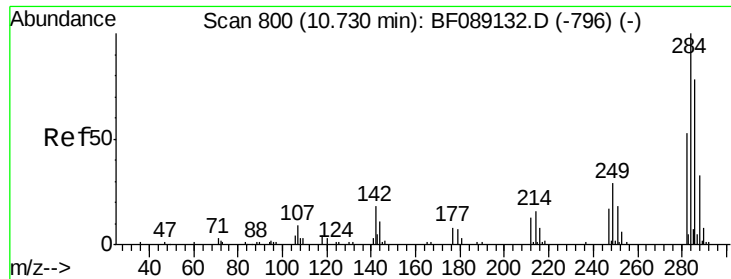
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#66
4-Bromophenyl-phenylether
Concen: 37.29 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	64650		
250	97.8	76.9	115.3	
141	127.7	77.4	116.2	





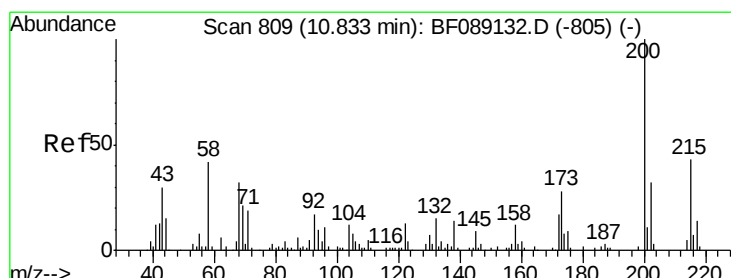
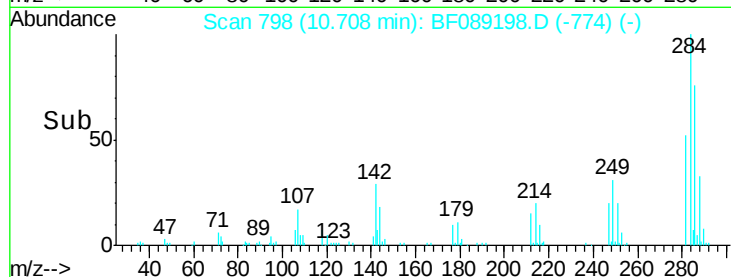
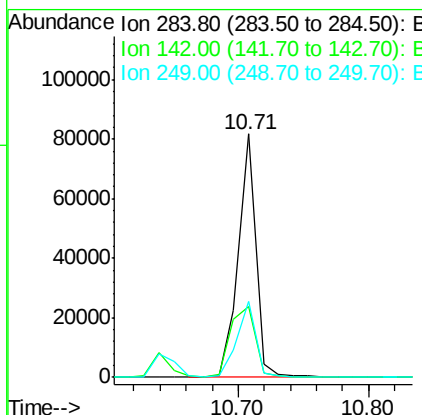
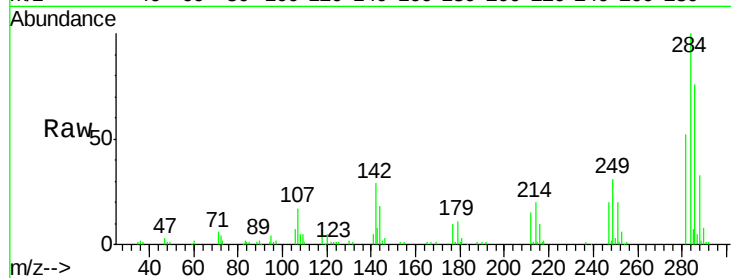
#67
Hexachlorobenzene
Concen: 41.06 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	14.1	21.1#
249	31.1	23.0	34.4

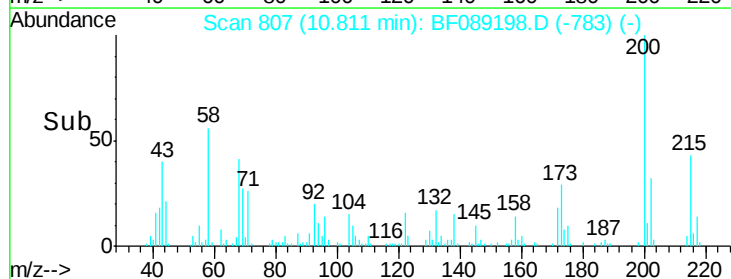
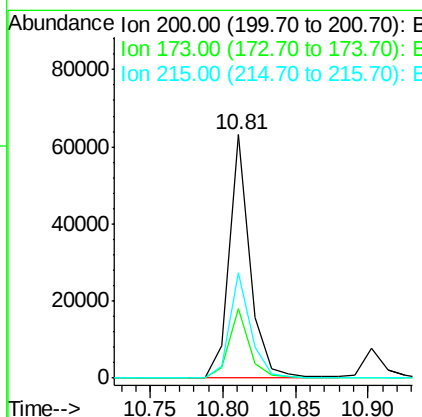
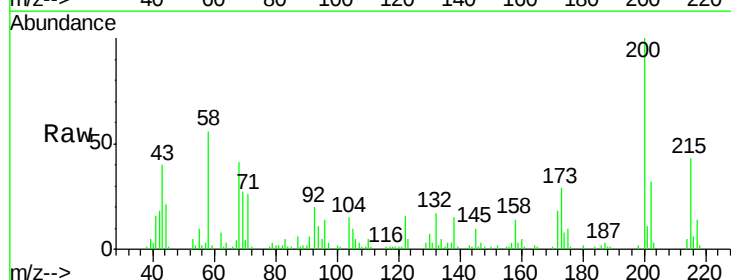
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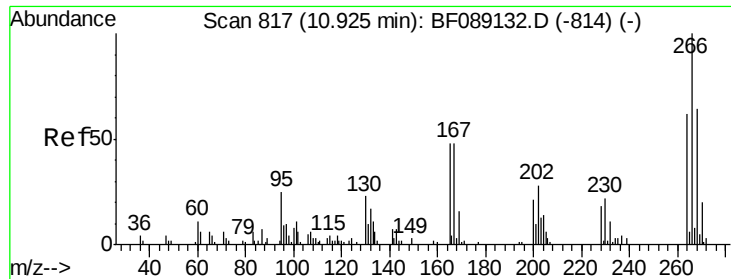
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#68
Atrazine
Concen: 34.42 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.8	47.8
215	43.1	22.9	62.9





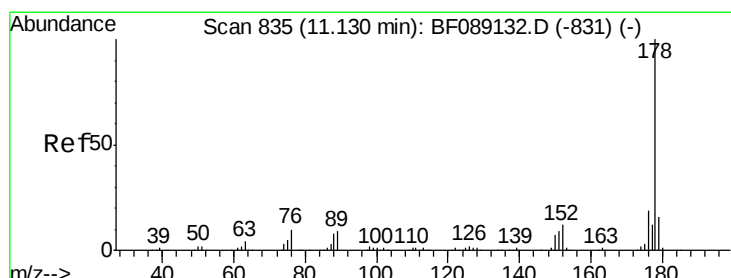
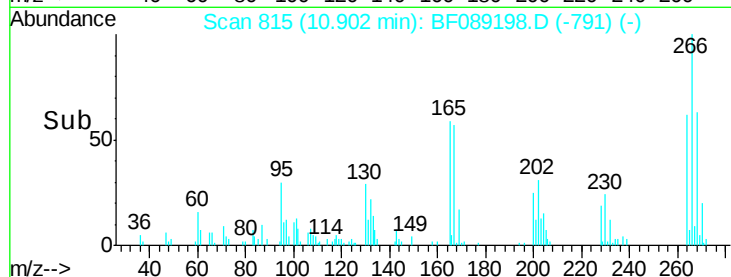
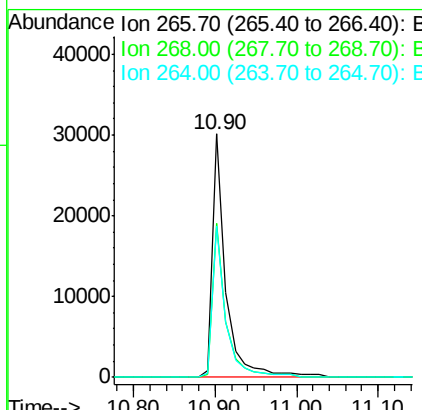
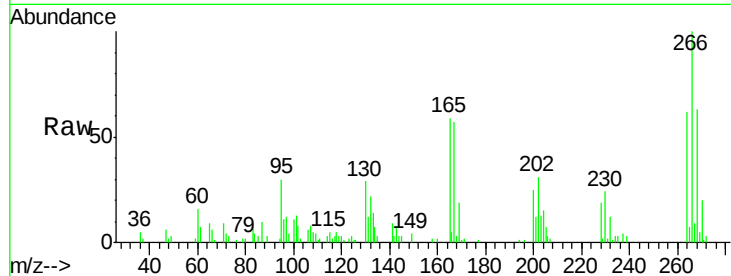
#69
 Pentachlorophenol
 Concen: 40.93 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.2	76.8
264	62.0	49.7	74.5

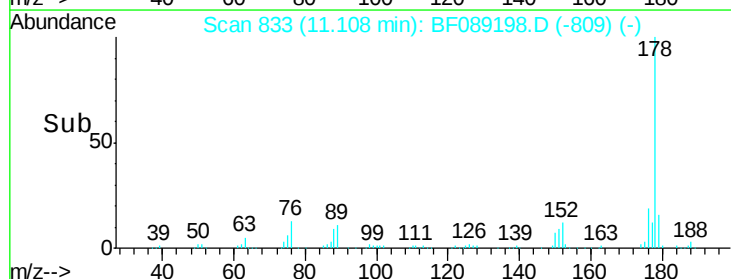
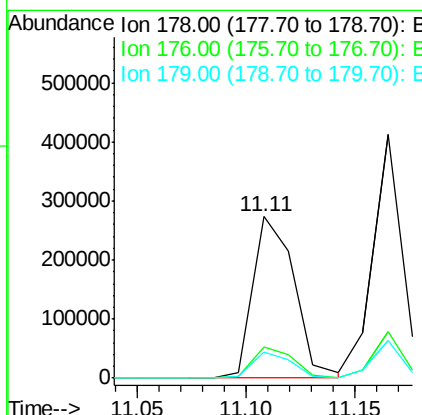
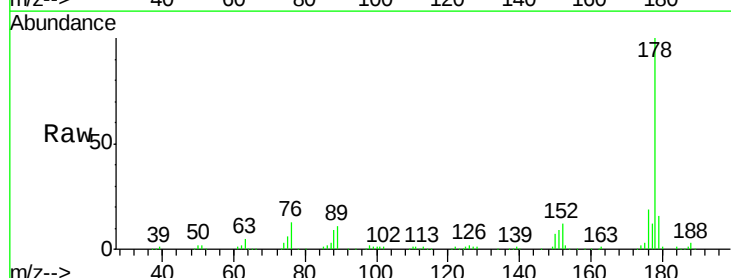
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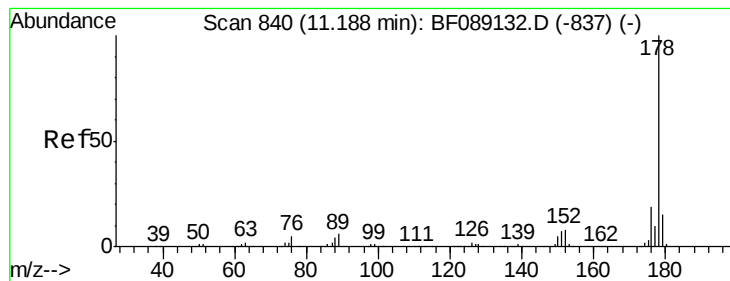
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#70
 Phenanthrene
 Concen: 37.67 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.9	12.4	18.6





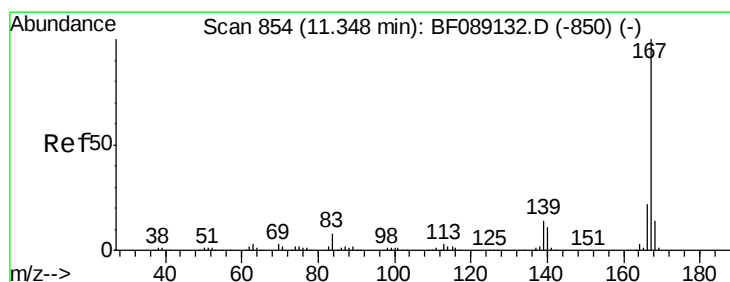
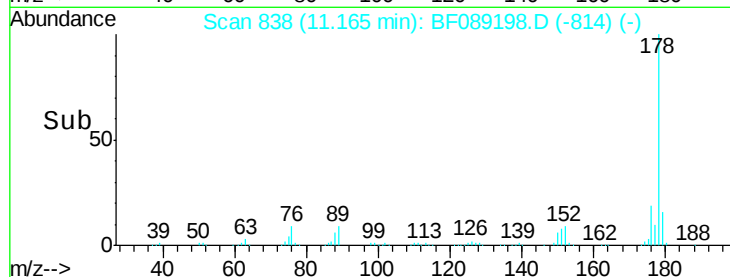
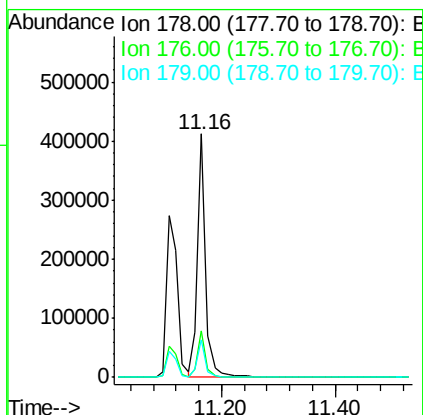
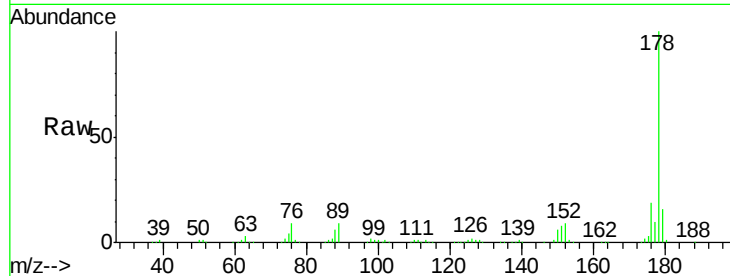
#71
 Anthracene
 Concen: 41.46 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.6	12.0	18.0

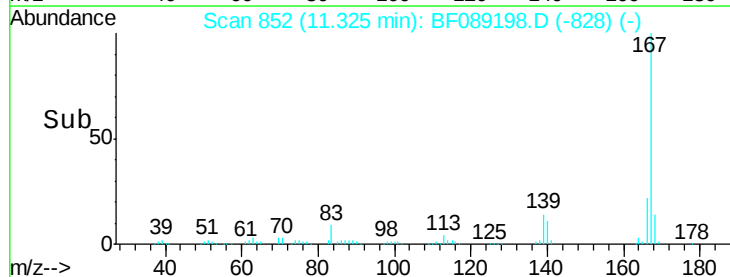
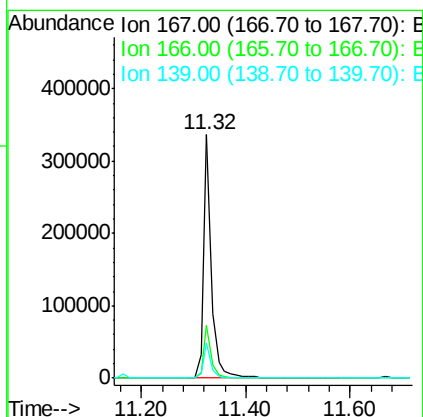
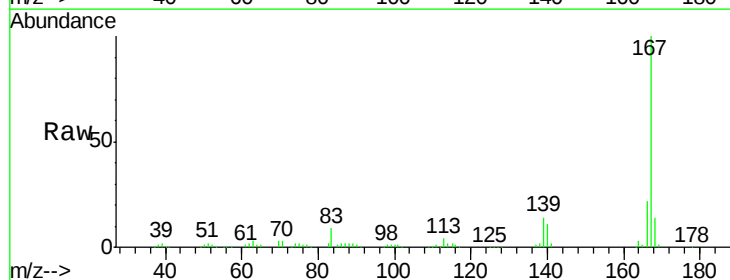
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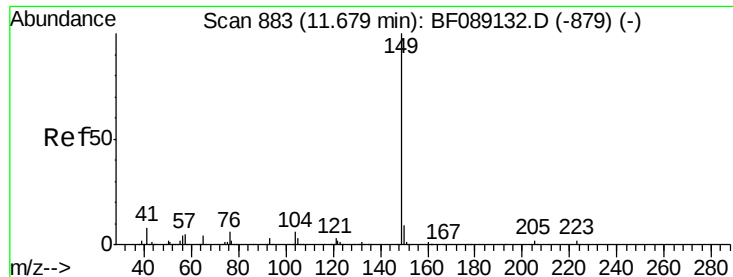
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#72
 Carbazole
 Concen: 40.38 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	14.4	11.0	16.4





#73

Di-n-butylphthalate

Concen: 43.04 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

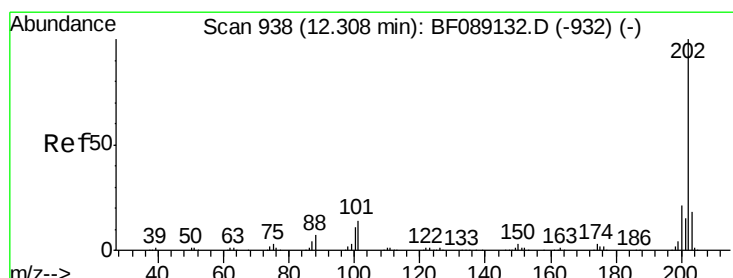
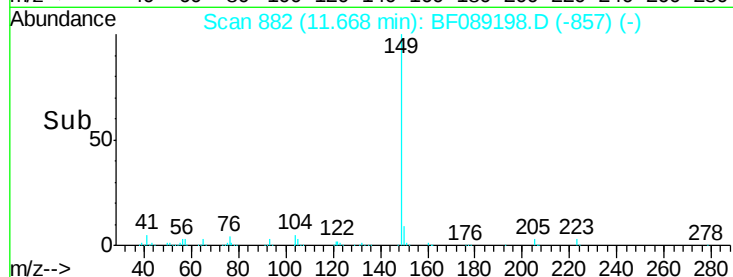
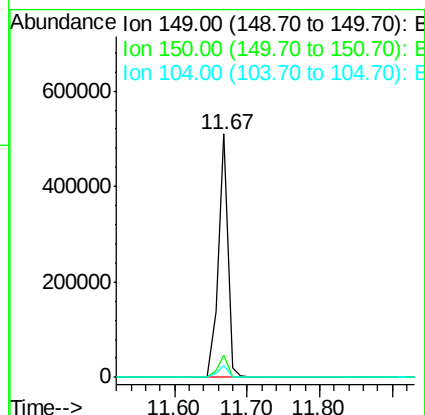
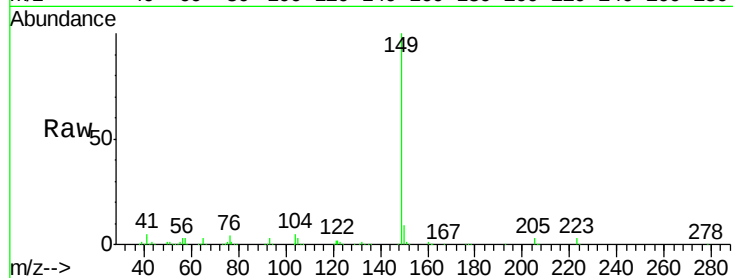
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	467087
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.4	11.2
104	5.0	4.6	6.8

Manual Integrations
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#74

Fluoranthene

Concen: 39.33 ng

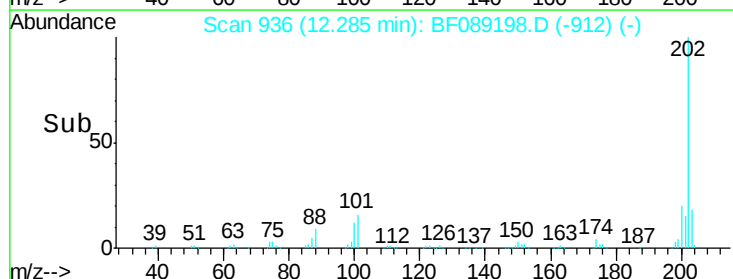
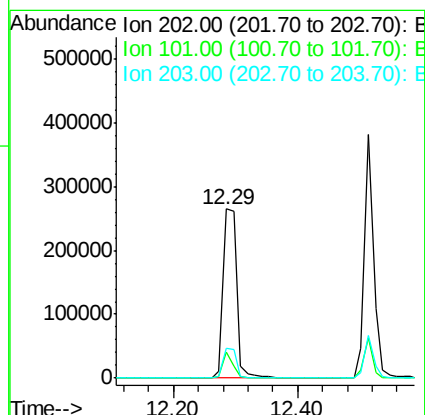
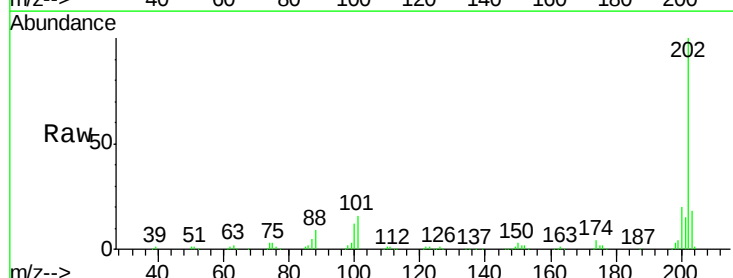
RT: 12.29 min Scan# 936

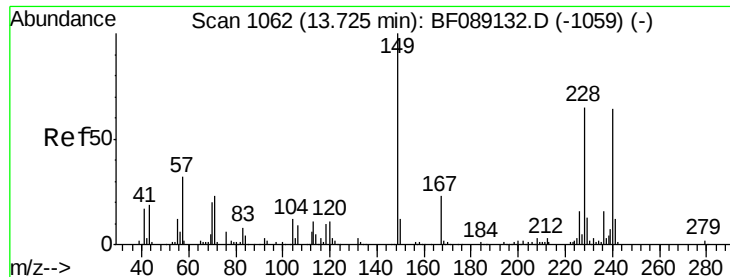
Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion:	202	Resp:	397302
Ion Ratio	Lower	Upper	
202	100		
101	15.7	0.0	34.0
203	17.8	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: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:240 Resp: 126647
Ion Ratio Lower Upper

240 100

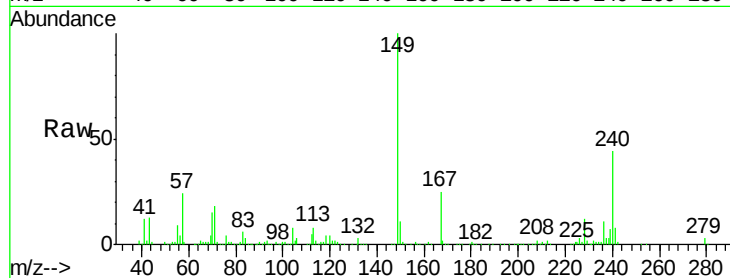
120 9.7 13.6 20.4#

236 24.5 20.5 30.7

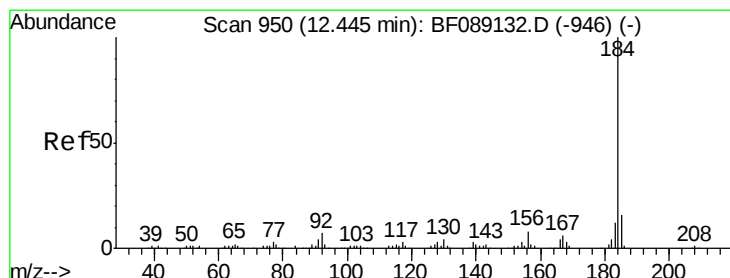
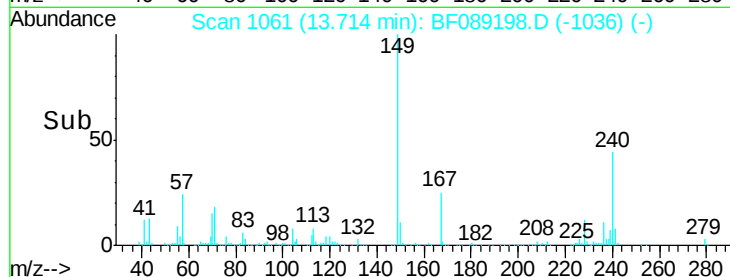
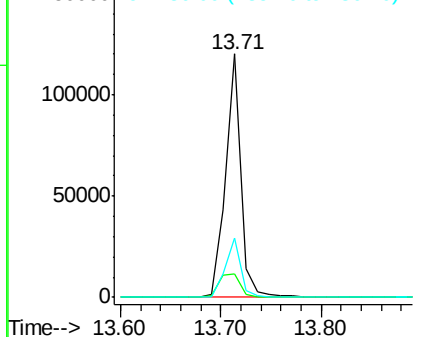
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.24 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF089198.D

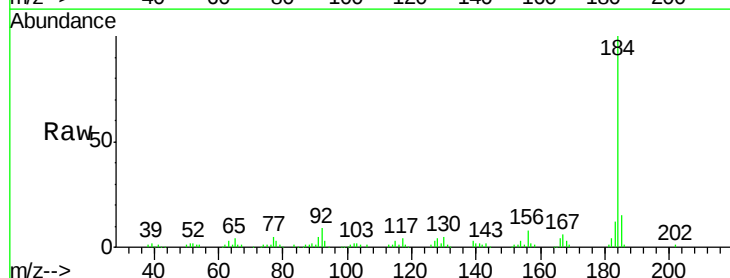
Acq: 22 Jul 2016 16:32

Tgt Ion:184 Resp: 153428
Ion Ratio Lower Upper

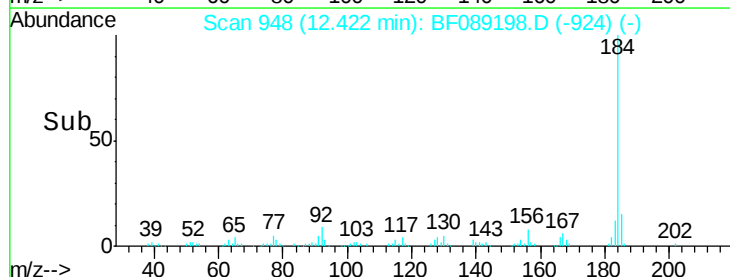
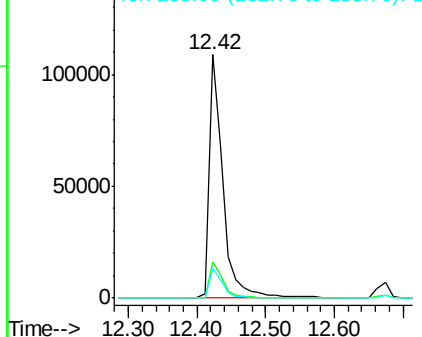
184 100

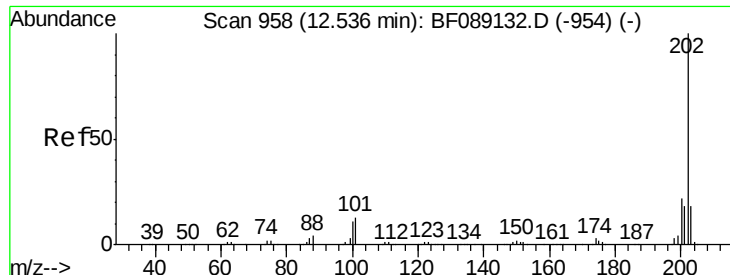
185 15.2 12.5 18.7

183 12.1 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





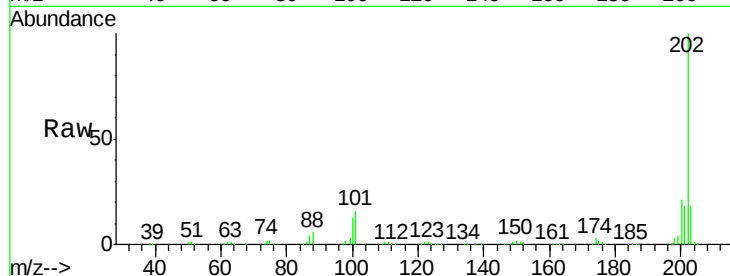
#77
Pyrene
 Concen: 37.19 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

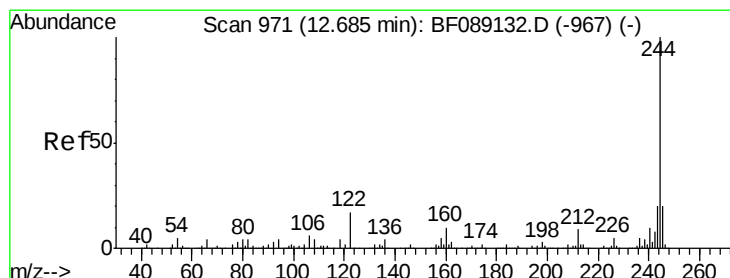
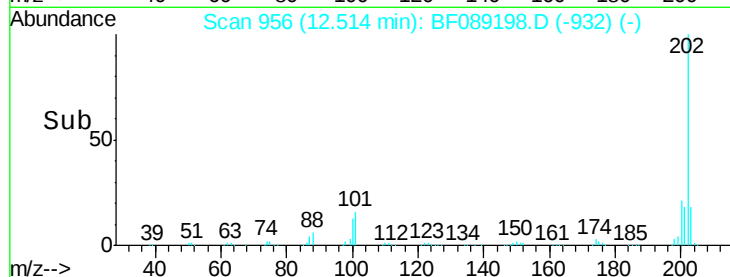
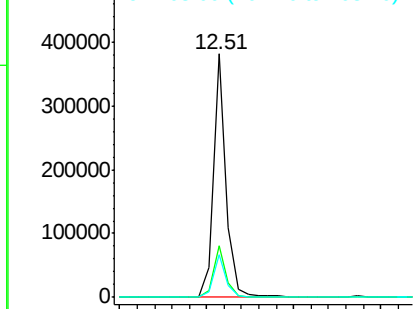
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.0	17.4	26.0
203	17.6	14.2	21.2

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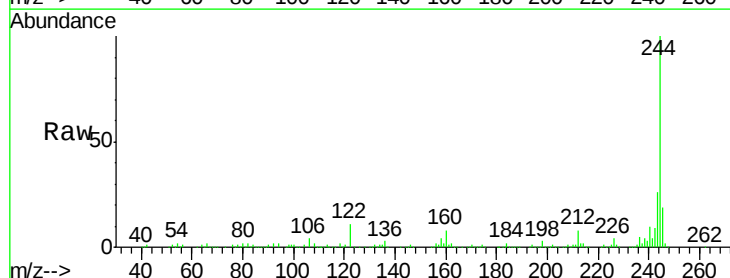


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

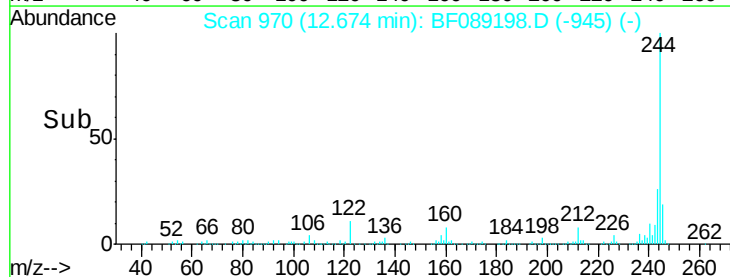
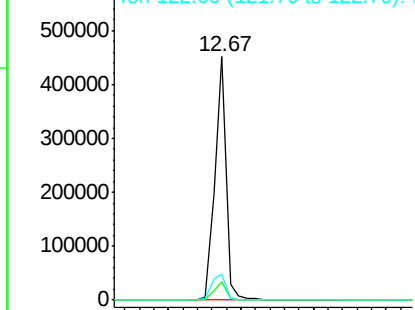


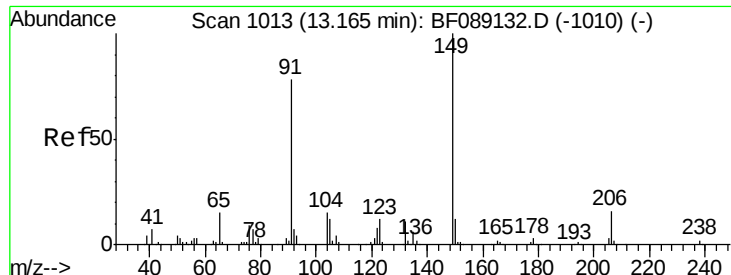
#78
Terphenyl-d14
 Concen: 82.77 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.7	7.0	10.4
122	10.9	13.8	20.8#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.77 ng

RT: 13.15 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

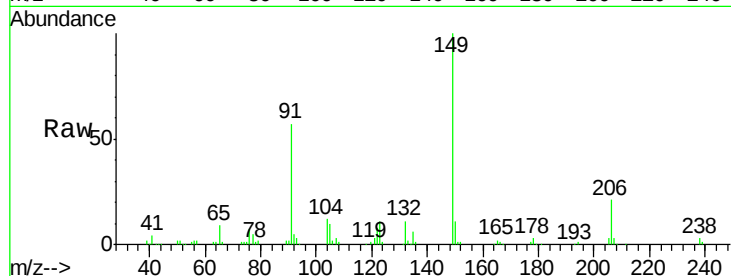
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	180395
Ion Ratio		Lower	Upper
149	100		
91	56.9	62.6	93.8#
206	21.1	13.2	19.8#

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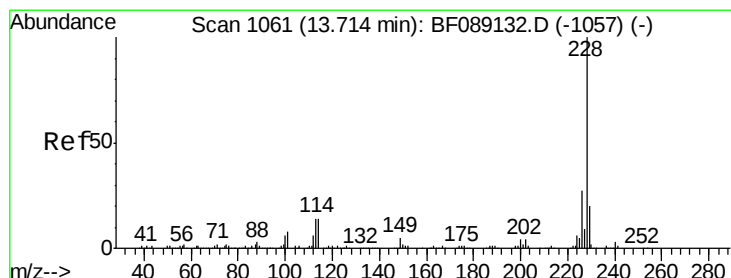
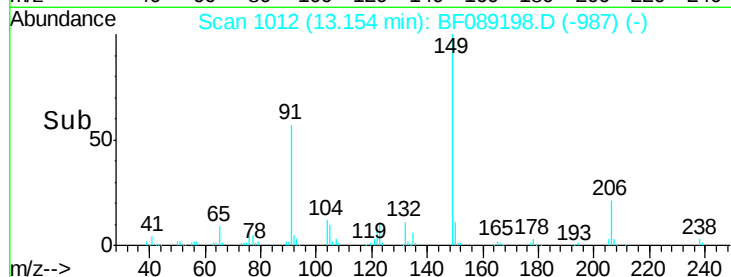
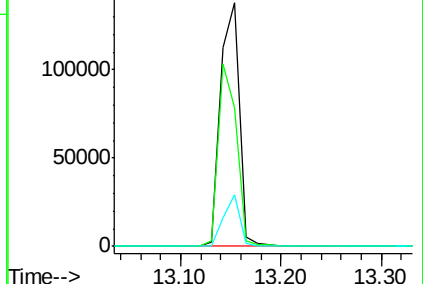
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.68 ng

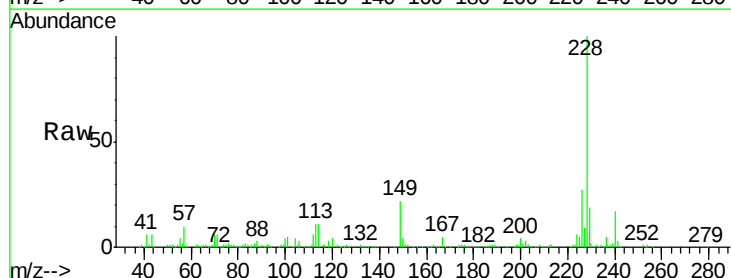
RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

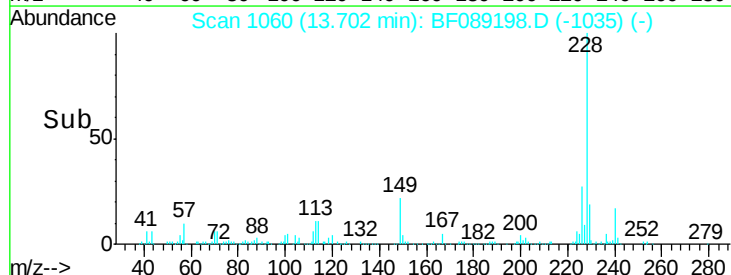
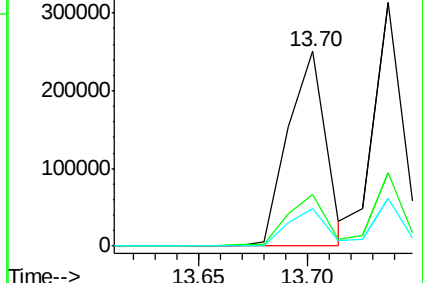
Tgt Ion:	228	Resp:	303968
Ion Ratio		Lower	Upper
228	100		
226	26.6	21.8	32.8
229	19.2	15.8	23.8

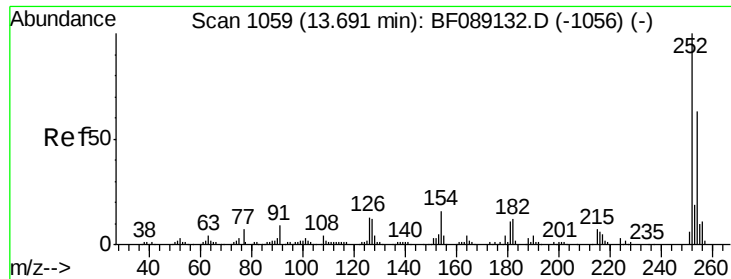


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





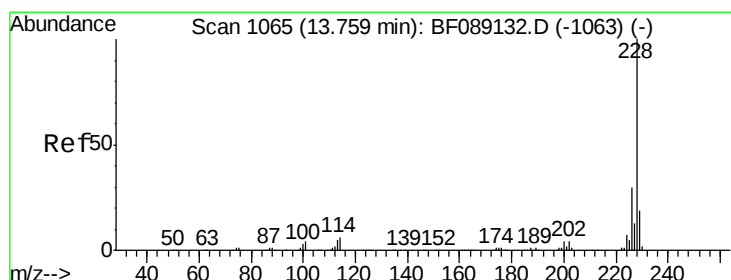
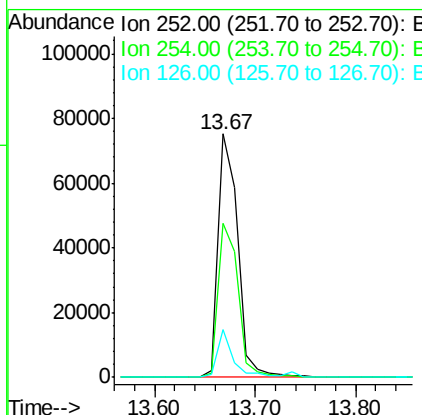
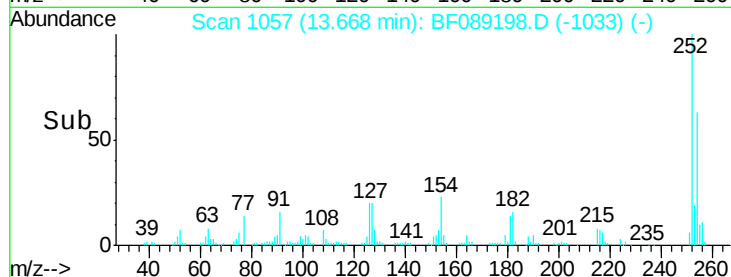
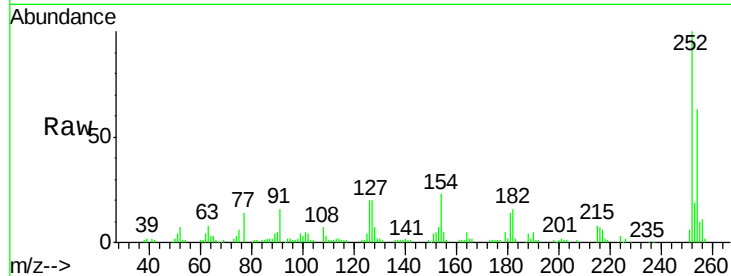
#81
 3,3'-Dichlorobenzidine
 Concen: 38.12 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.3	50.4	75.6
126	19.6	10.2	15.2

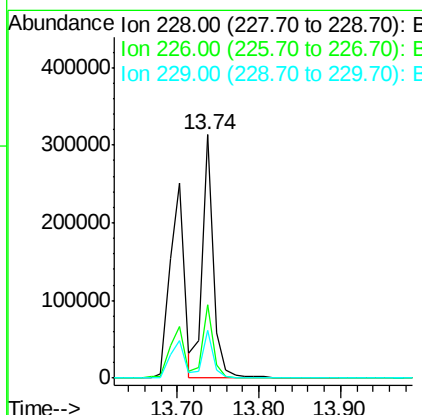
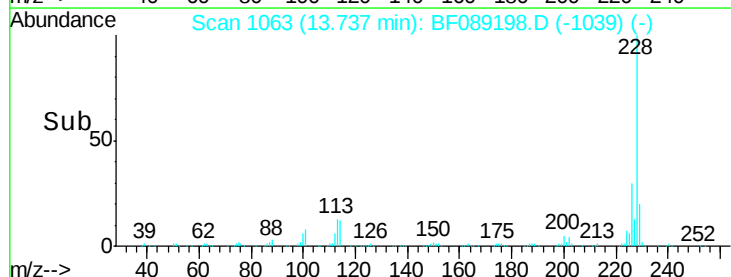
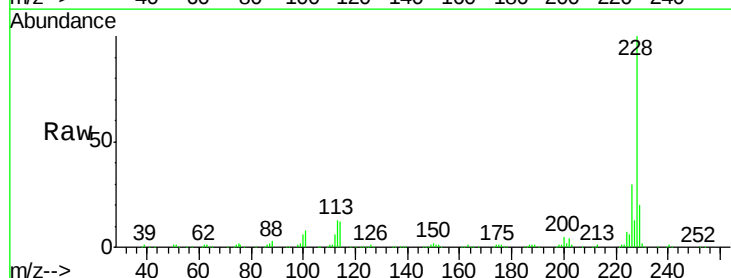
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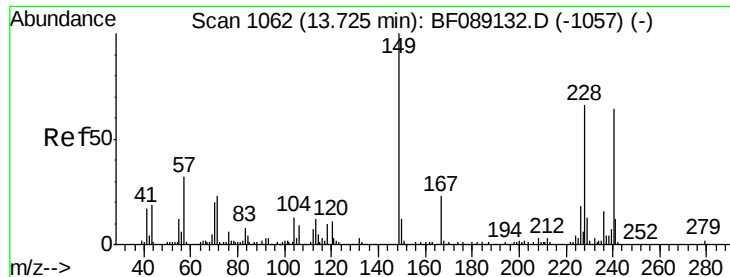
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#82
 Chrysene
 Concen: 39.46 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	23.8	35.8
229	19.8	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.75 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 244988

Ion Ratio Lower Upper

149 100

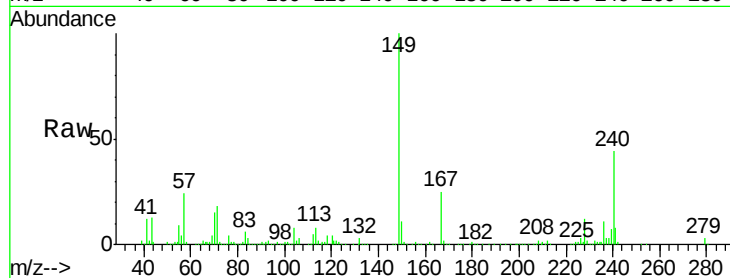
167 24.9 18.6 28.0

279 2.6 1.6 2.4#

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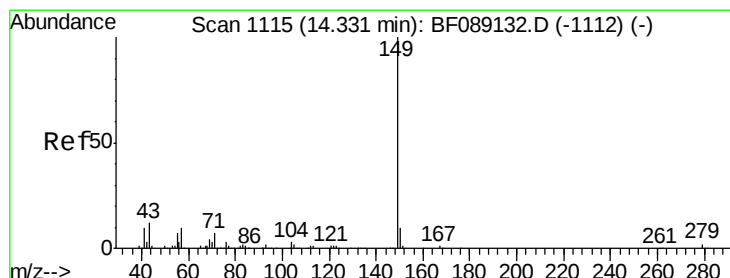
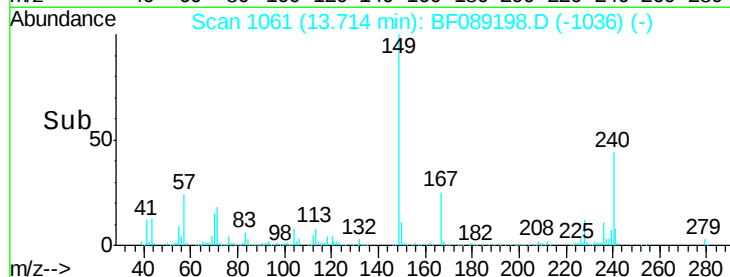
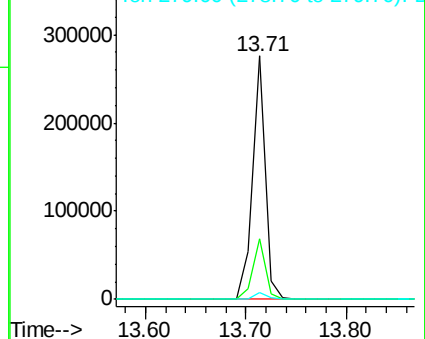
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.99 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion:149 Resp: 367871

Ion Ratio Lower Upper

149 100

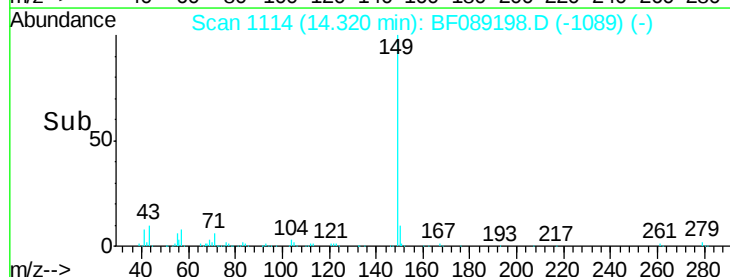
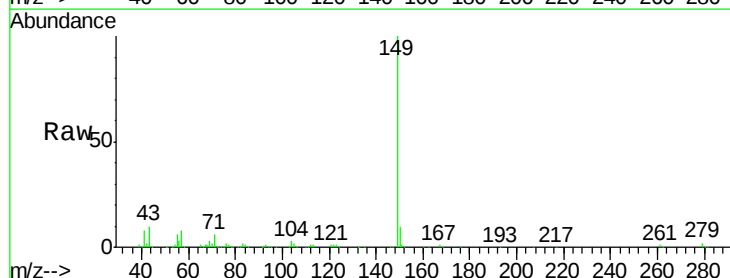
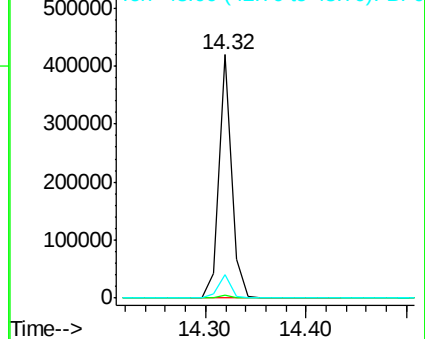
167 1.5 1.2 1.8

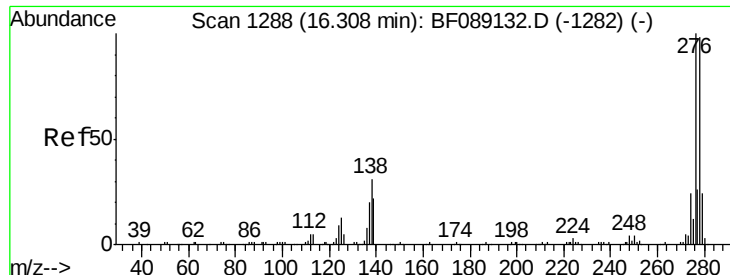
43 10.4 7.3 10.9

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





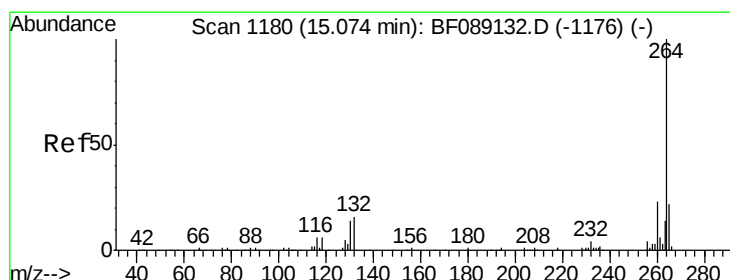
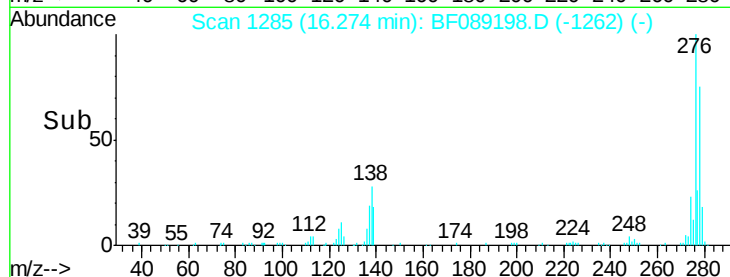
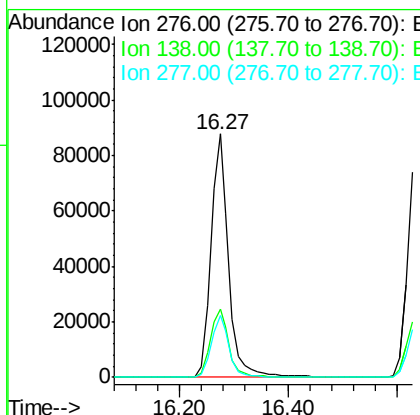
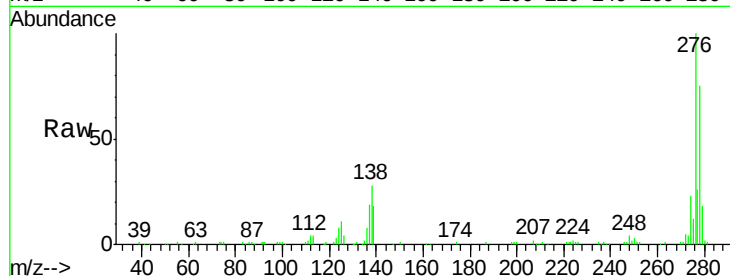
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.50 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.03 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.7	35.5
277	25.5	20.6	31.0

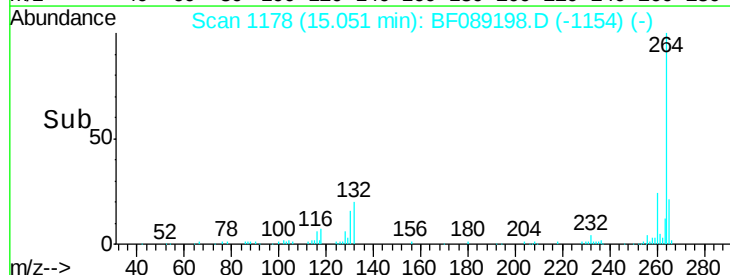
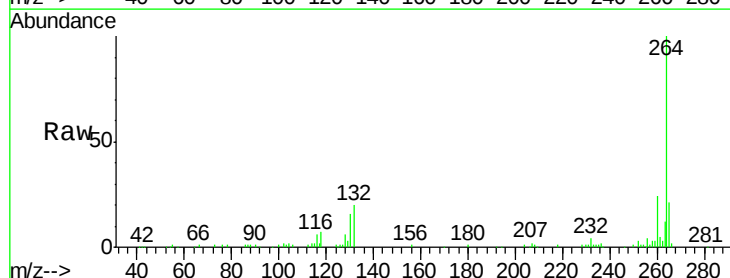
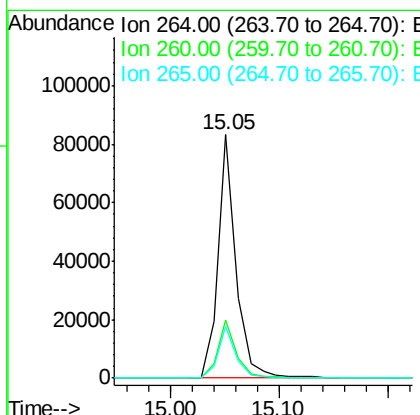
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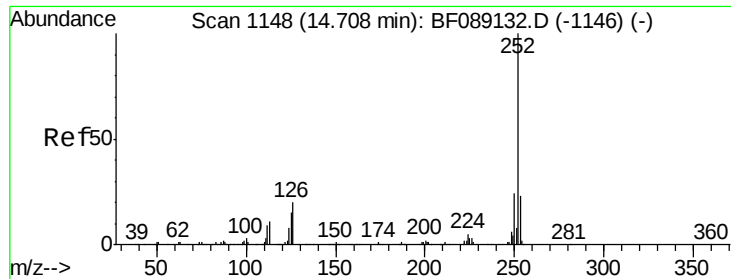
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089198.D
 Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	21.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 37.46 ng m

RT: 14.70 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

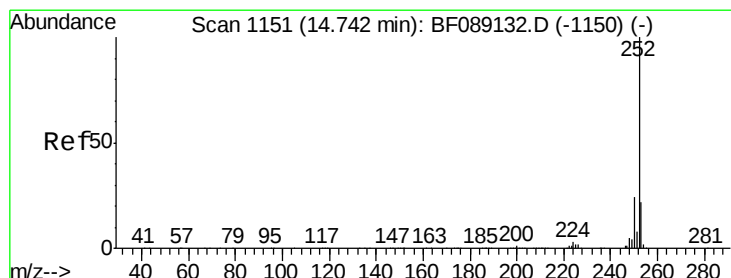
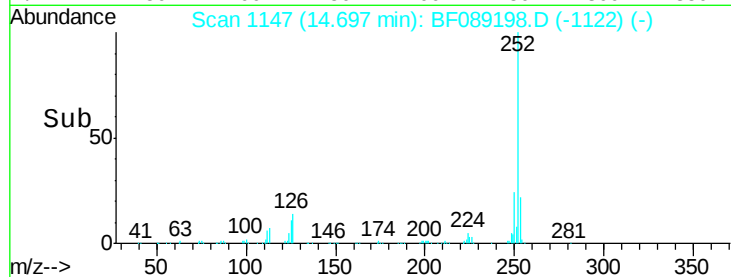
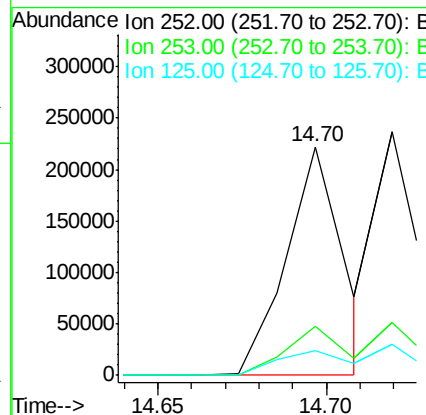
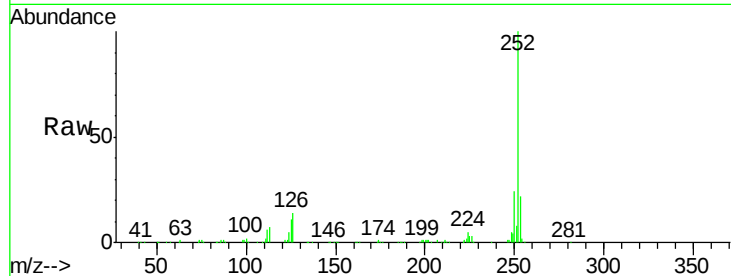
ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	260475
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.2	27.2
125	10.7	11.9	17.9#

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#88

Benzo(k)fluoranthene

Concen: 45.39 ng m

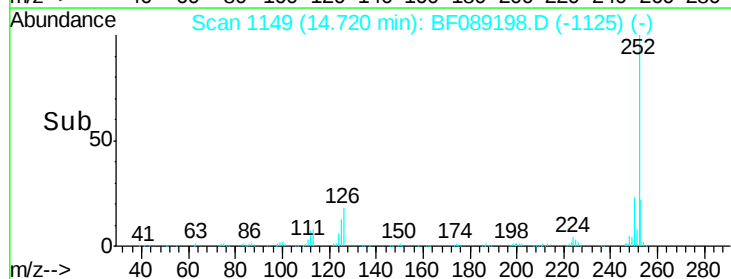
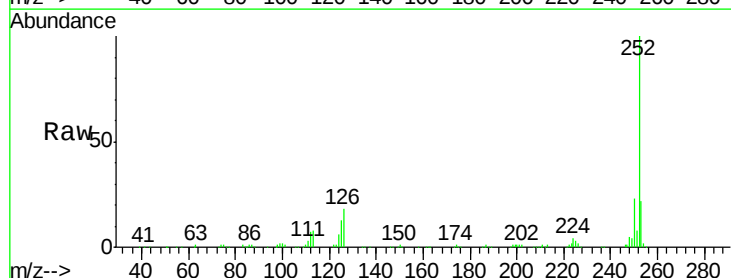
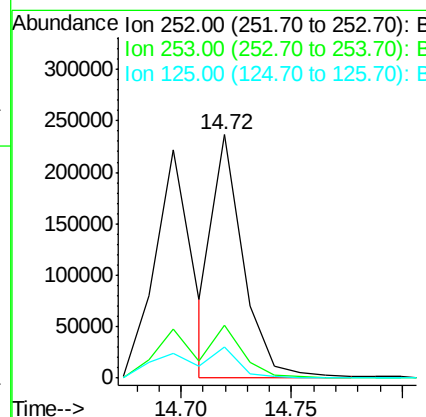
RT: 14.72 min Scan# 1149

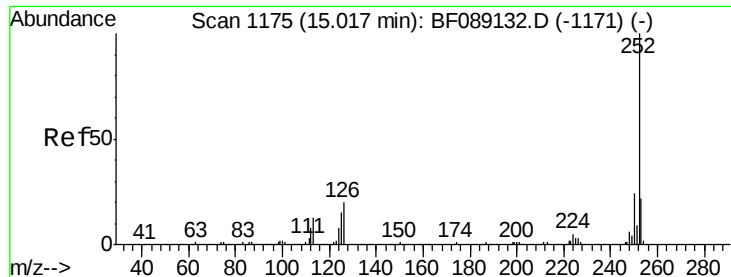
Delta R.T. -0.02 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Tgt Ion:	252	Resp:	225690
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	13.0	6.3	9.5#





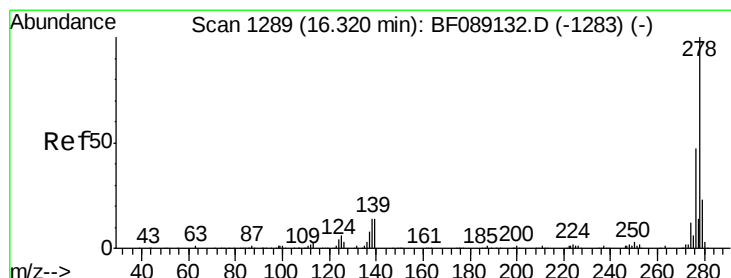
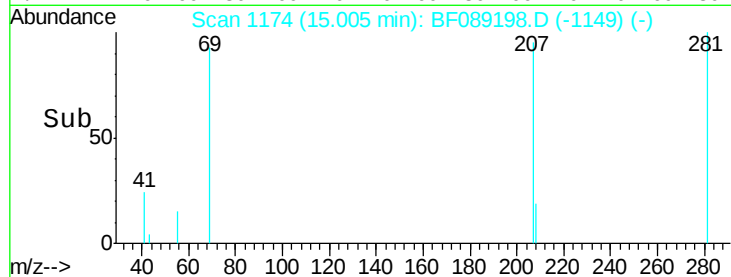
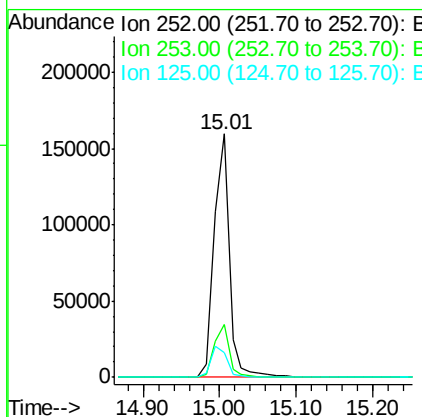
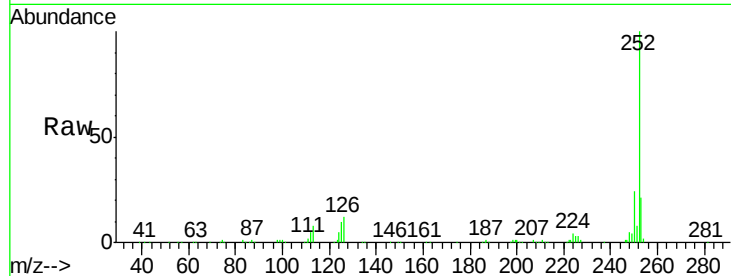
#89
Benzo(a)pyrene
Concen: 40.56 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	10.0	12.4	18.6

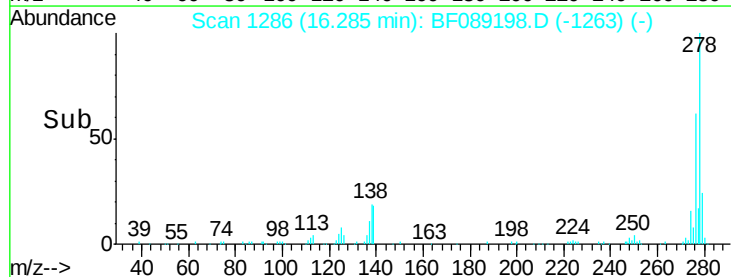
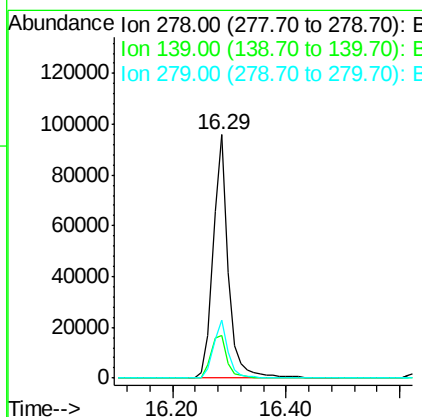
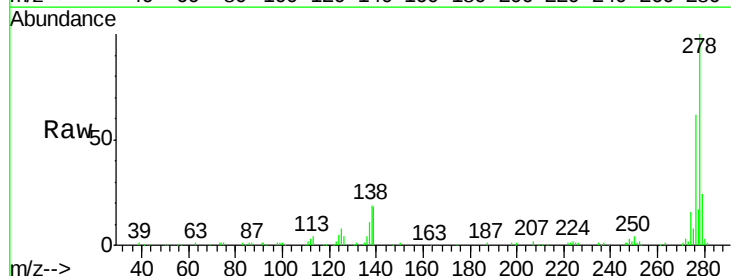
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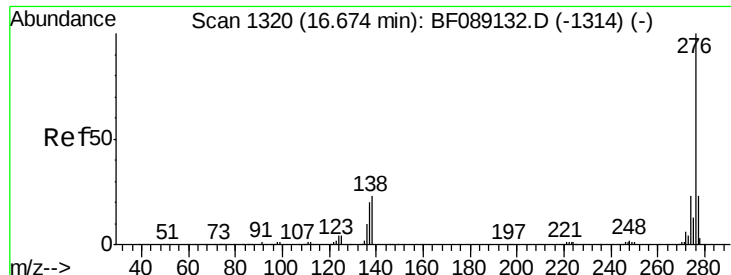
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#90
Dibenzo(a,h)anthracene
Concen: 40.75 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF089198.D
Acq: 22 Jul 2016 16:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	11.4	17.2
279	23.6	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 39.50 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.05 min

Lab File: BF089198.D

Acq: 22 Jul 2016 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt	Ion	276	Resp:	169733
Ion	Ratio	Lower	Upper	
276	100			
277	23.2	18.5	27.7	
138	27.3	18.5	27.7	

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