

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087102.D
 Acq On : 17 May 2016 14:38
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

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 5/18/2016 6:56:46 PM

Quant Time: May 17 15:07:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 14:49:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	152804	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	662812	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	320024	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	577777	20.00	ng	0.00
75) Chrysene-d12	13.74	240	450360	20.00	ng	-0.01
86) Perylene-d12	15.10	264	424841	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	468856	51.96	ng	0.00
7) Phenol-d6	6.26	99	614492	50.96	ng	-0.01
23) Nitrobenzene-d5	7.18	82	677293	51.31	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	175728	51.87	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	978473	51.39	ng	-0.01
78) Terphenyl-d14	12.70	244	1081642	50.96	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.02	88	122384	27.63	ng	# 78
3) Pyridine	2.66	79	265762	24.54	ng	# 64
4) n-Nitrosodimethylamine	2.60	42	201402	25.65	ng	# 49
6) Aniline	6.26	93	384906	26.39	ng	91
8) 2-Chlorophenol	6.39	128	279387	25.66	ng	98
9) Benzaldehyde	6.14	77	187832	26.90	ng	96
10) Phenol	6.27	94	403470	28.15	ng	76
11) bis(2-Chloroethyl)ether	6.34	93	296031	26.49	ng	94
12) 1,3-Dichlorobenzene	6.52	146	283185m	24.04	ng	
13) 1,4-Dichlorobenzene	6.60	146	294153m	24.48	ng	
14) 1,2-Dichlorobenzene	6.76	146	283215	27.04	ng	99
15) Benzyl Alcohol	6.75	79	233683	28.06	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	6.88	45	619508	25.49	ng	68
17) 2-Methylphenol	6.88	107	224175	25.88	ng	# 75
18) Hexachloroethane	7.10	117	109847	24.30	ng	# 91
19) n-Nitroso-di-n-propylamine	7.03	70	240169	28.50	ng	# 76
20) 3+4-Methylphenols	7.04	107	311521	27.53	ng	# 61
22) Acetophenone	7.02	105	399544	25.52	ng	# 98
24) Nitrobenzene	7.19	77	356144	26.23	ng	96
25) Isophorone	7.43	82	580915	23.72	ng	97
26) 2-Nitrophenol	7.51	139	154726	25.92	ng	# 80
27) 2,4-Dimethylphenol	7.56	122	260605	25.63	ng	89
28) bis(2-Chloroethoxy)methane	7.64	93	309719	23.44	ng	# 97
29) 2,4-Dichlorophenol	7.76	162	235452	26.31	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	250186	25.00	ng	97
31) Naphthalene	7.91	128	856288	25.79	ng	100
32) Benzoic acid	7.71	122	157957	26.45	ng	# 84
33) 4-Chloroaniline	7.96	127	324880	25.19	ng	# 85
34) Hexachlorobutadiene	8.02	225	138835	23.91	ng	98
35) Caprolactam	8.35	113	80177	26.33	ng	98
36) 4-Chloro-3-methylphenol	8.47	107	266565	24.56	ng	86
37) 2-Methylnaphthalene	8.59	142	494747	25.49	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	246121	26.45	ng	98
40) Hexachlorocyclopentadiene	8.74	237	55080	12.47	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	156755	25.19	nq	94
43) 2,4,5-Trichlorophenol	8.94	196	156020	24.25	nq #	92
45) 1,1'-Biphenyl	9.06	154	686698	26.98	nq	98
46) 2-Chloronaphthalene	9.08	162	527211	26.44	nq	97
47) 2-Nitroaniline	9.20	65	196832	27.01	nq	98
48) Acenaphthylene	9.50	152	824052	28.09	nq	99
49) Dimethylphthalate	9.37	163	583070	23.88	nq	99
50) 2,6-Dinitrotoluene	9.44	165	145005	28.22	nq	93
51) Acenaphthene	9.67	154	517880	28.38	nq	98
52) 3-Nitroaniline	9.61	138	153691	28.41	nq	100
53) 2,4-Dinitrophenol	9.72	184	58514	27.36	nq	91
54) Dibenzofuran	9.84	168	658594	28.12	nq	98
55) 4-Nitrophenol	9.80	139	56666m	17.61	nq	
56) 2,4-Dinitrotoluene	9.84	165	156792	24.66	nq #	63
57) Fluorene	10.18	166	576286	28.85	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	121294	25.04	nq	98
59) Diethylphthalate	10.07	149	584335	24.56	nq	98
60) 4-Chlorophenyl-phenylether	10.17	204	239567	23.57	nq	97
61) 4-Nitroaniline	10.22	138	143300	27.58	nq #	68
62) Azobenzene	10.33	77	637545	24.84	nq	85
64) 4,6-Dinitro-2-methylphenol	10.25	198	98675	27.49	nq #	69
65) n-Nitrosodiphenylamine	10.30	169	445391	25.09	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	157674	26.92	nq	91
67) Hexachlorobenzene	10.72	284	172567	25.21	nq #	63
68) Atrazine	10.83	200	162747	27.45	nq	95
69) Pentachlorophenol	10.92	266	63259	19.99	nq	94
70) Phenanthrene	11.13	178	775586	25.15	nq	100
71) Anthracene	11.19	178	888871	28.19	nq	99
72) Carbazole	11.35	167	717233	26.46	nq	99
73) Di-n-butylphthalate	11.68	149	852996	25.77	nq #	98
74) Fluoranthene	12.32	202	866449	27.32	nq	91
76) Benzidine	12.44	184	340528	29.66	nq	98
77) Pyrene	12.54	202	839033	24.33	nq	99
79) Butylbenzylphthalate	13.18	149	374436	25.67	nq	95
80) Benzo(a)anthracene	13.73	228	691812	27.36	nq	99
81) 3,3'-Dichlorobenzidine	13.70	252	458033	28.51	nq #	98
82) Chrysene	13.77	228	711081	27.65	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	477929	27.24	nq	98
84) Di-n-octyl phthalate	14.34	149	820326	28.23	nq #	85
85) Indeno(1,2,3-cd)pyrene	16.34	276	563186	26.32	nq	95
87) Benzo(b)fluoranthene	14.73	252	692309m	25.07	nq	
88) Benzo(k)fluoranthene	14.75	252	570346m	25.23	nq	
89) Benzo(a)pyrene	15.04	252	584842	24.56	nq #	97
90) Dibenzo(a,h)anthracene	16.34	278	471768	23.50	nq	97
91) Benzo(g,h,i)perylene	16.71	276	470169	23.05	nq #	91

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

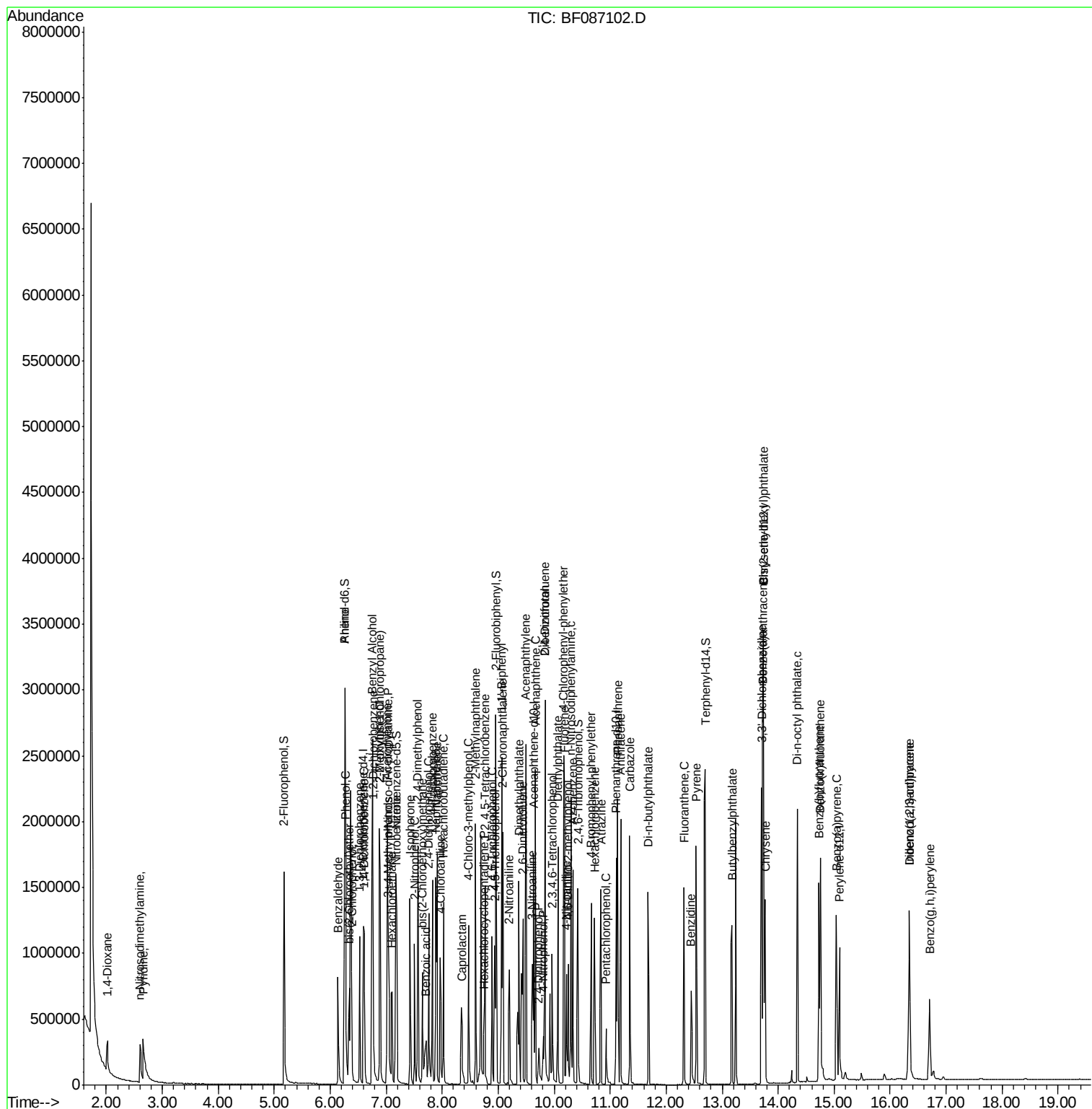
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\  
Data File : BF087102.D  
Acq On    : 17 May 2016   14:38  
Operator  : UM/SJ  
Sample    : SSTDICC025  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
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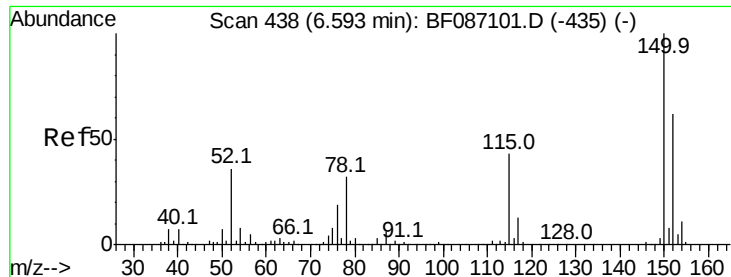
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:152 Resp: 152804

Ion Ratio Lower Upper

152 100

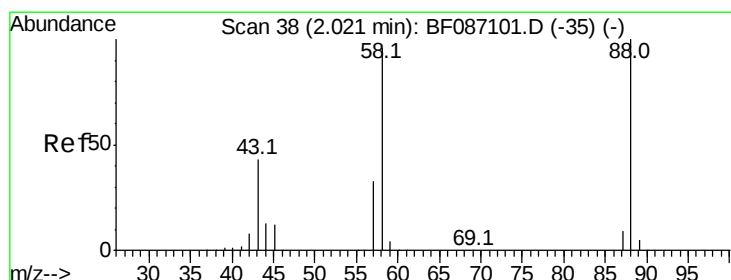
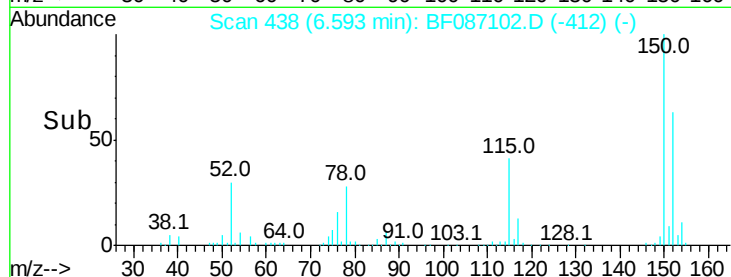
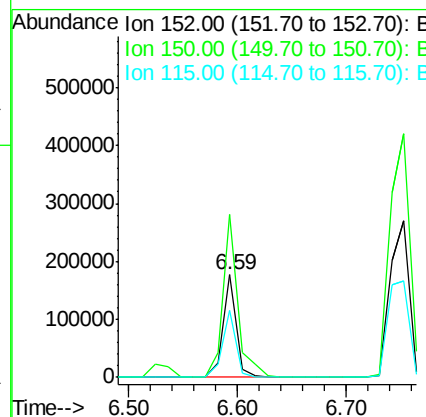
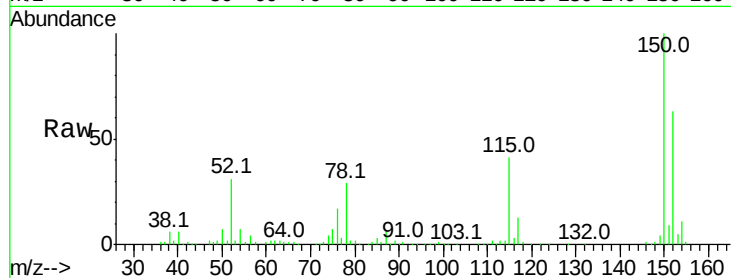
150 159.2 125.8 188.6

115 64.9 51.5 77.3

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#2

1,4-Dioxane

Concen: 27.63 ng

RT: 2.02 min Scan# 38

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

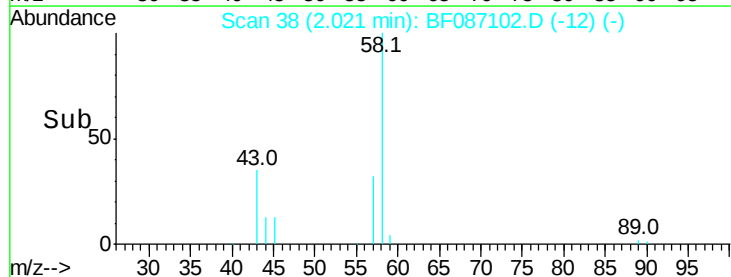
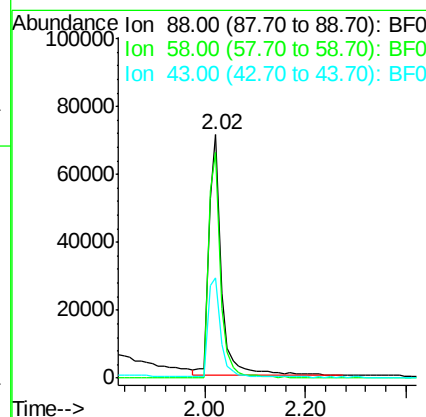
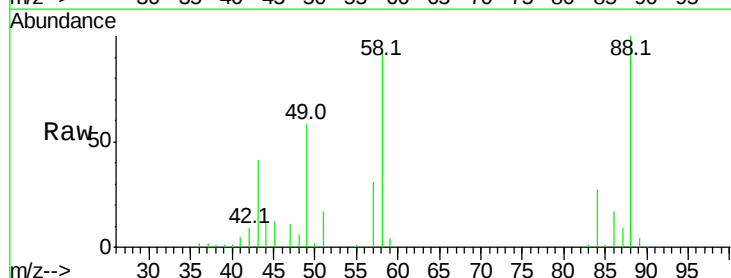
Tgt Ion: 88 Resp: 122384

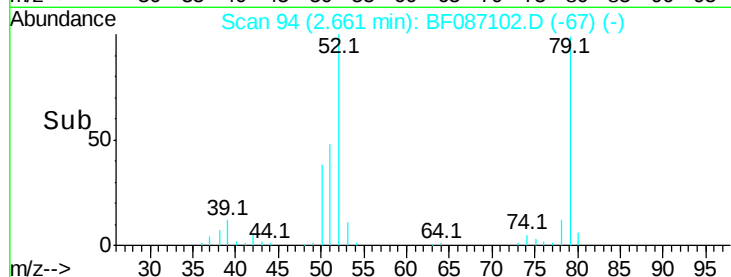
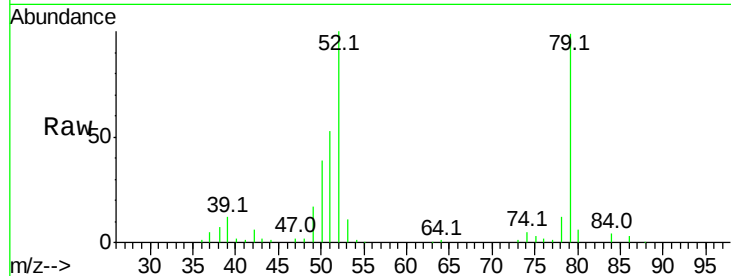
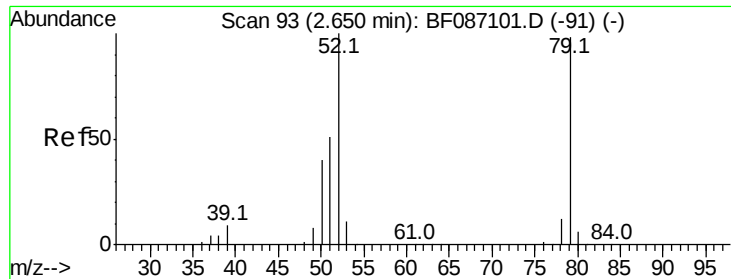
Ion Ratio Lower Upper

88 100

58 89.1 59.6 89.4

43 44.6 21.8 32.6#





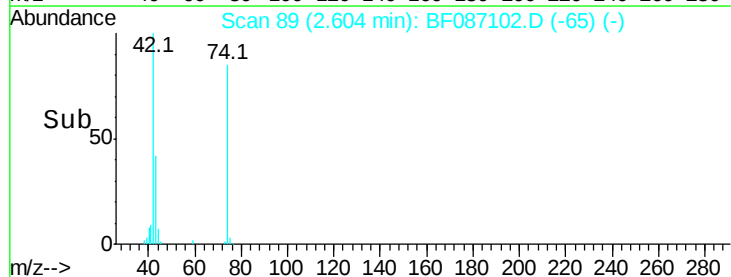
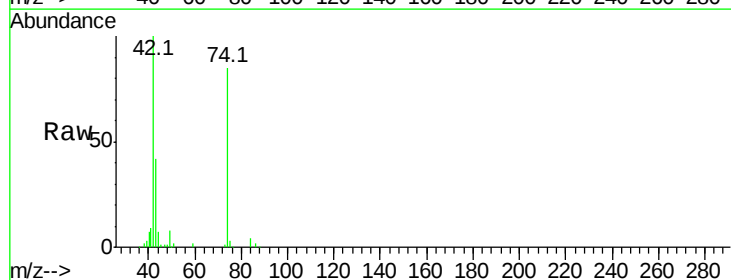
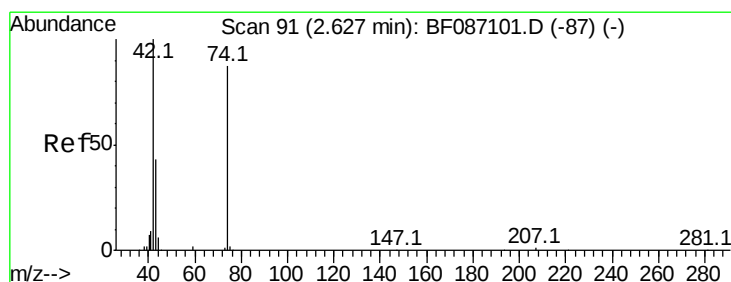
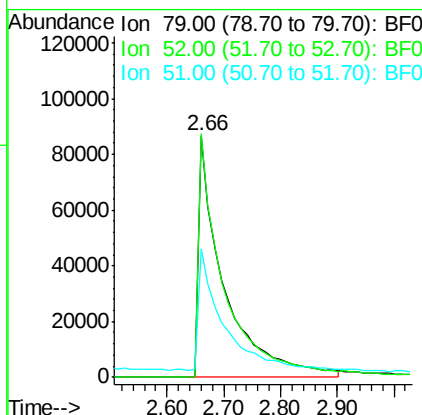
#3
 Pvridine
 Concen: 24.54 ng
 RT: 2.66 min Scan# 94
 Delta R.T. 0.01 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	101.0	55.9	83.9#		
51	53.2	28.1	42.1#		

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

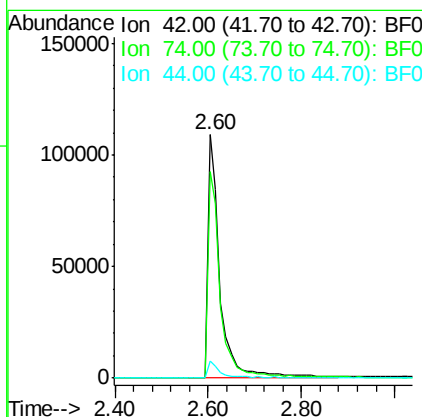
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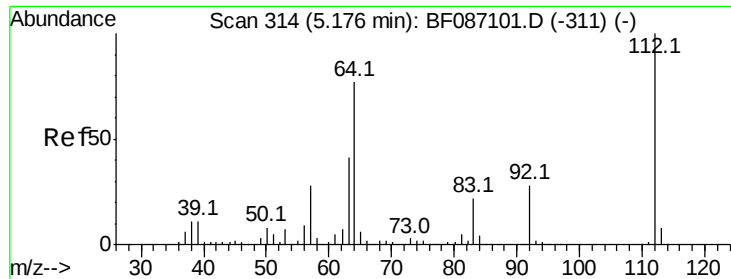
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#4
 n-Nitrosodimethylamine
 Concen: 25.65 ng
 RT: 2.60 min Scan# 89
 Delta R.T. -0.02 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	84.7	123.4	185.0#		
44	6.9	5.8	8.6		





#5

2-Fluorophenol

Concen: 51.96 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

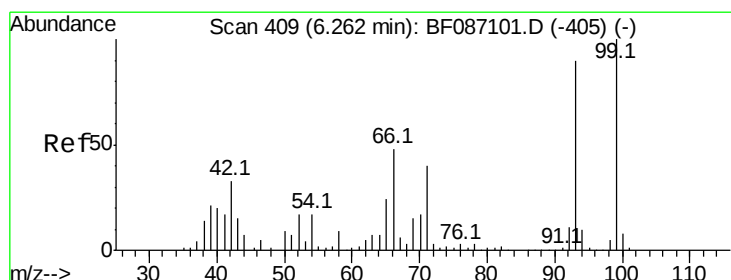
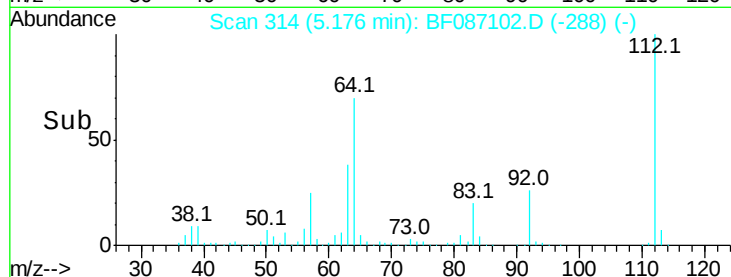
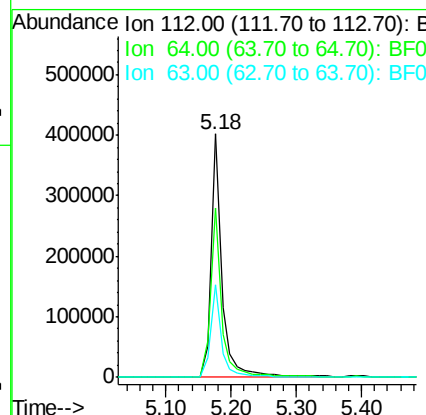
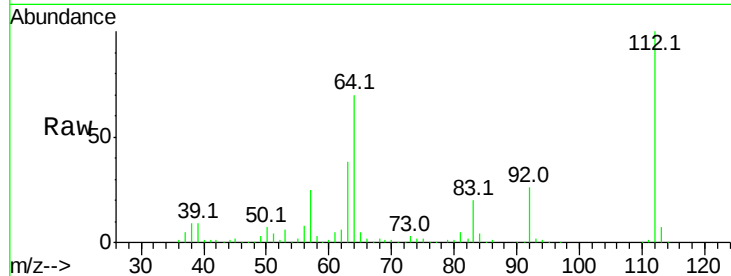
ClientSampleId :

SSTDIC025

Tot Ion:	112	Resp:	468856
Ion Ratio	Lower	Upper	
112	100		
64	69.8	52.1	78.1
63	37.9	25.7	38.5

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#6

Aniline

Concen: 26.39 ng

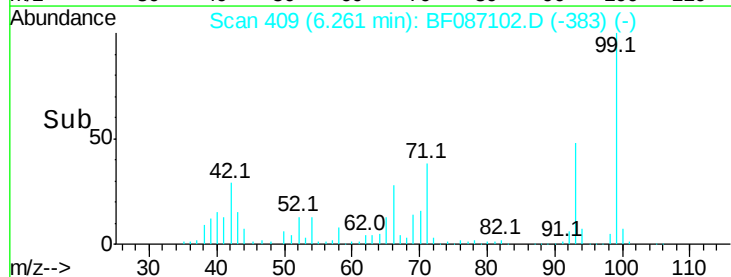
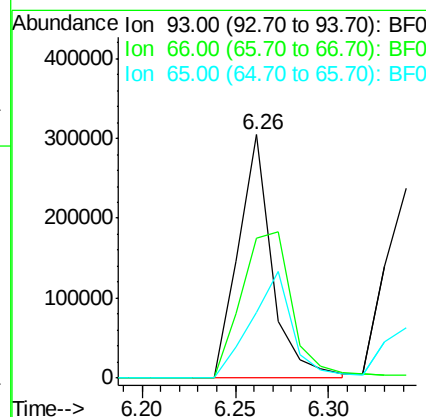
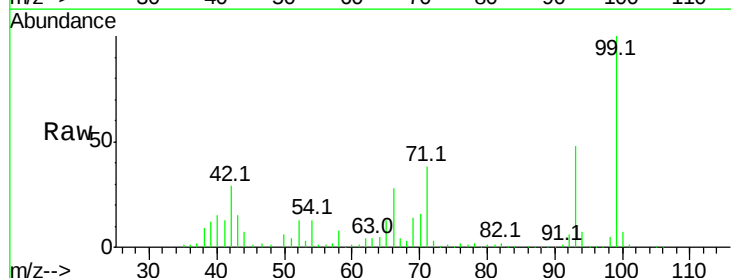
RT: 6.26 min Scan# 409

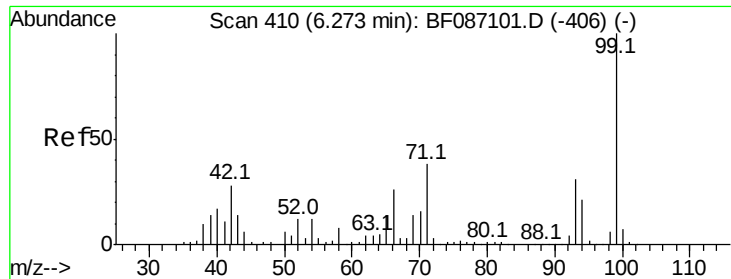
Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	93	Resp:	384906
Ion Ratio	Lower	Upper	
93	100		
66	57.2	39.0	58.6
65	27.0	20.6	31.0





#7

Phenol-d6

Concen: 50.96 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 99 Resp: 614492

Ion Ratio Lower Upper

99 100

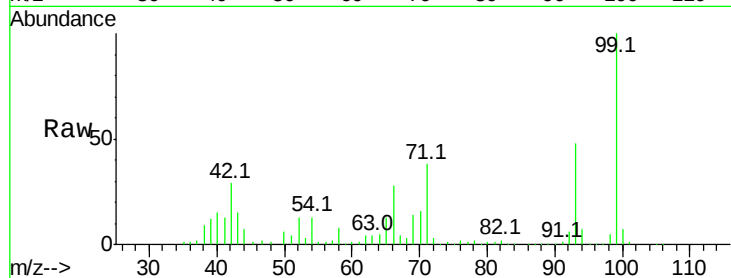
42 29.3 13.6 20.4#

71 37.6 24.6 36.8#

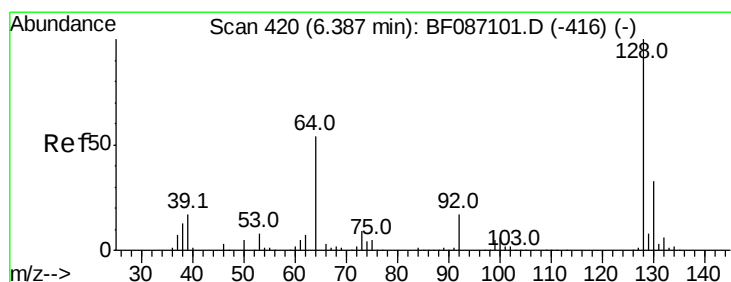
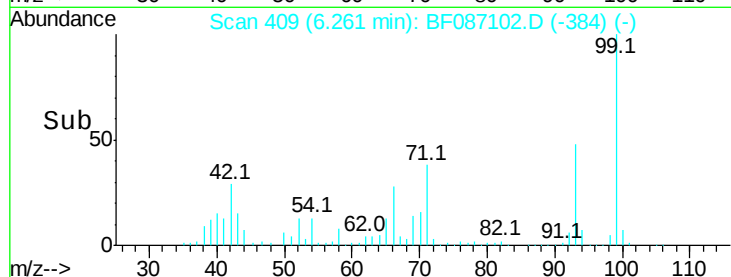
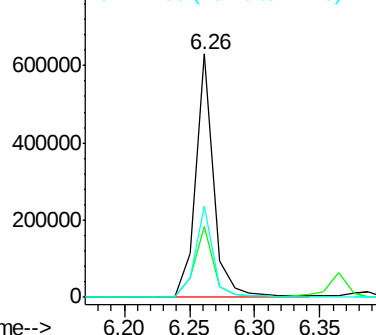
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 25.66 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

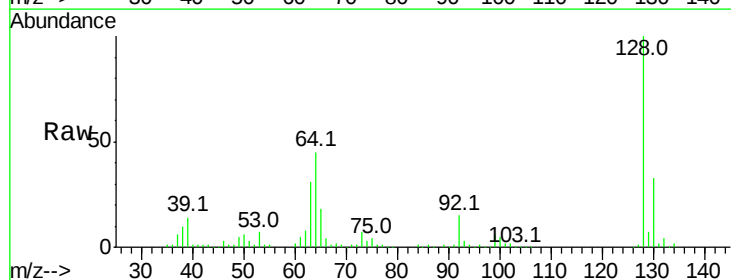
Tgt Ion: 128 Resp: 279387

Ion Ratio Lower Upper

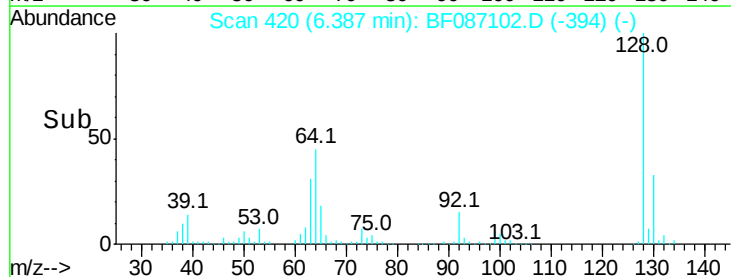
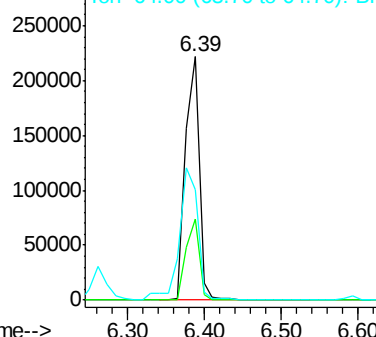
128 100

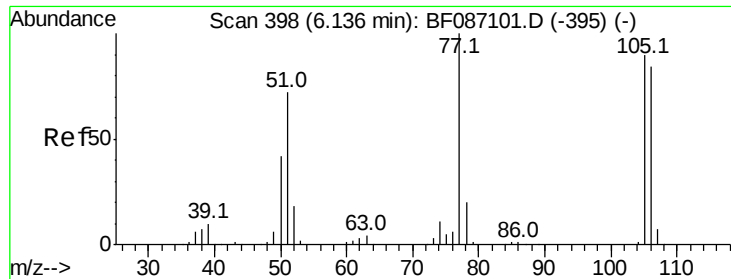
130 33.3 12.5 52.5

64 45.3 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.90 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 77 Resp: 187832

Ion Ratio Lower Upper

77 100

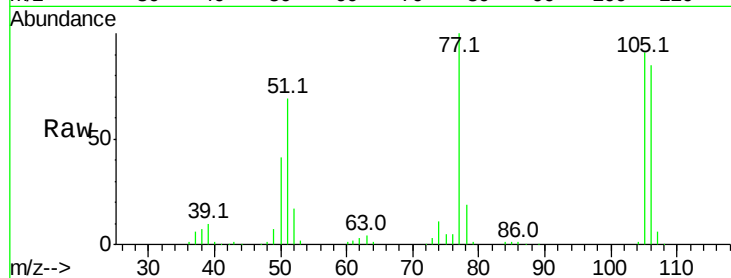
105 91.0 72.7 112.7

106 84.9 70.8 110.8

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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

6.14

150000

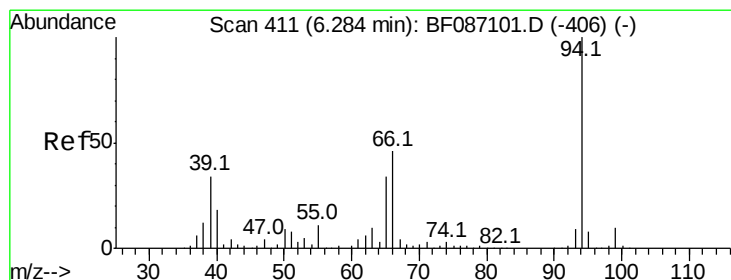
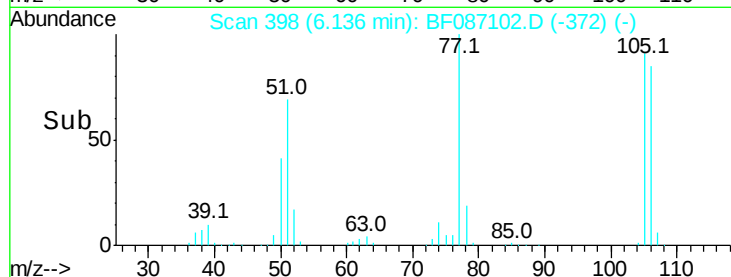
100000

50000

0

6.10 6.20

Time-->



#10

Phenol

Concen: 28.15 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

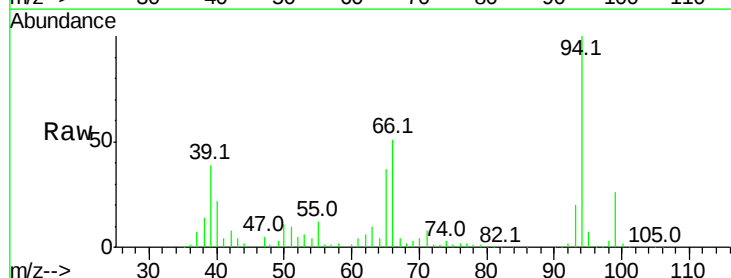
Tgt Ion: 94 Resp: 403470

Ion Ratio Lower Upper

94 100

65 37.2 7.2 47.2

66 51.4 14.9 54.9



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

6.27

500000

400000

300000

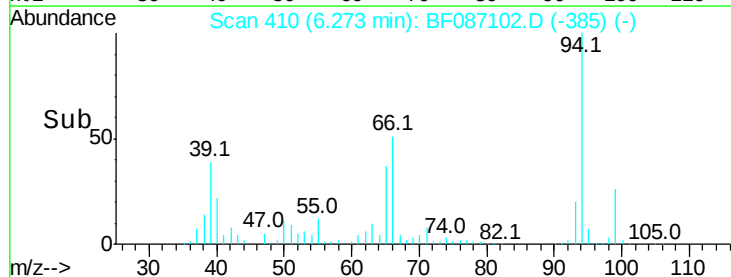
200000

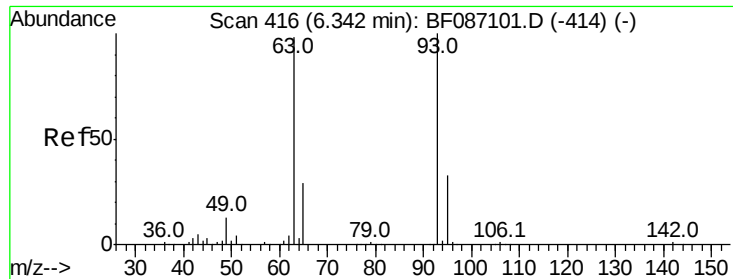
100000

0

6.20 6.40 6.60

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 26.49 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

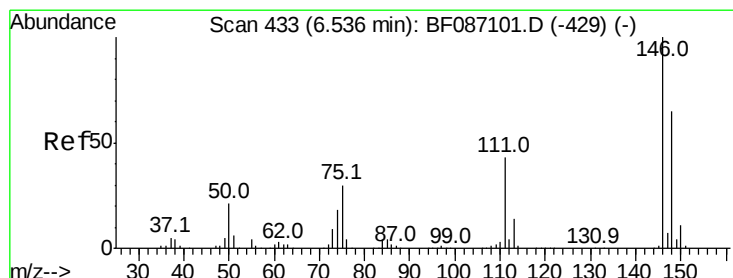
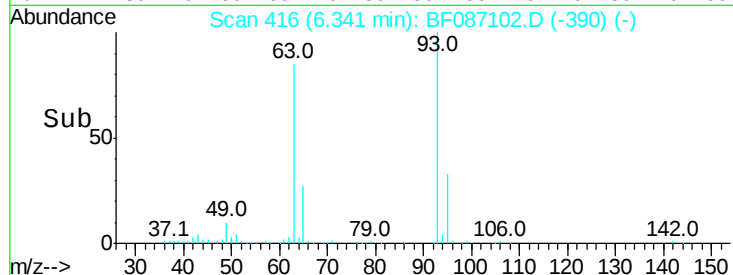
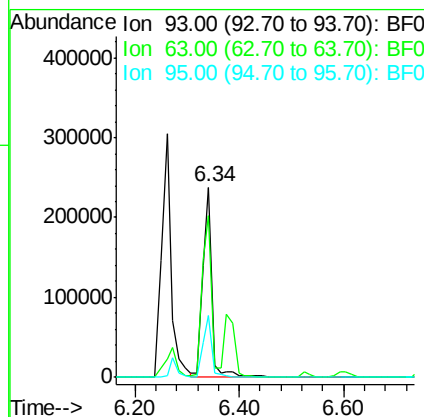
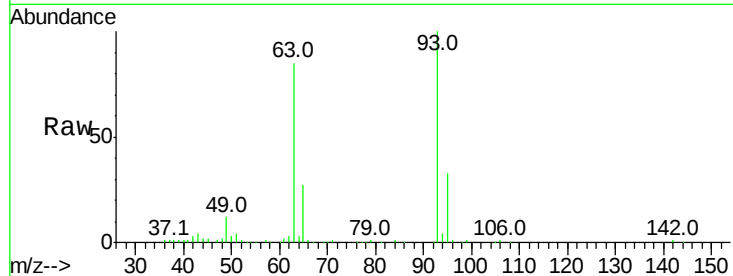
ClientSampleId :

SSTDIC025

Tot Ion:	93	Resp:	296031
Ion Ratio	Lower	Upper	
93	100		
63	84.8	58.0	98.0
95	32.5	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 24.04 ng m

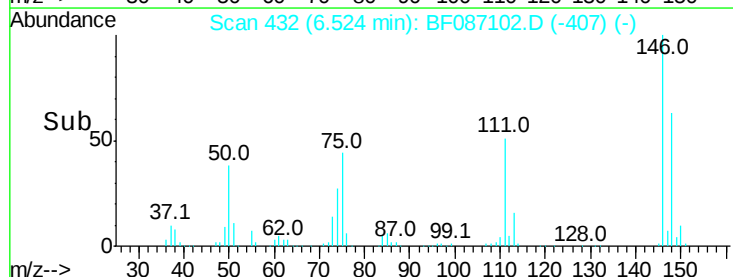
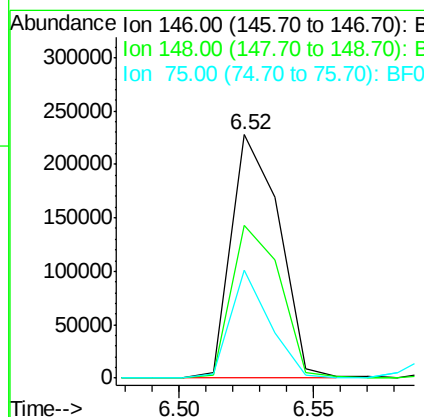
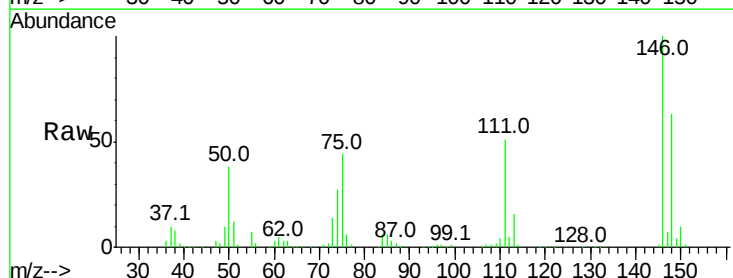
RT: 6.52 min Scan# 432

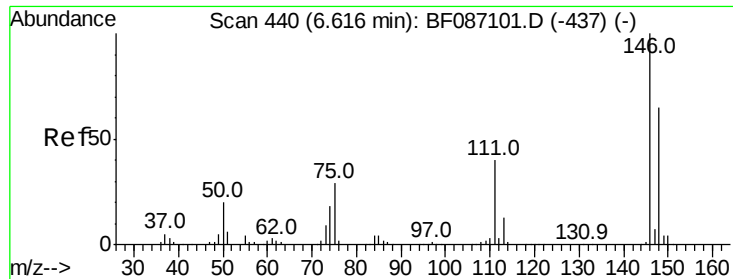
Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	146	Resp:	283185
Ion Ratio	Lower	Upper	
146	100		
148	62.7	52.4	78.6
75	44.4	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 24.48 ng/mL

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

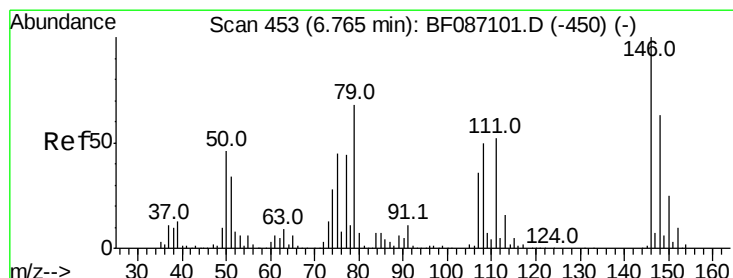
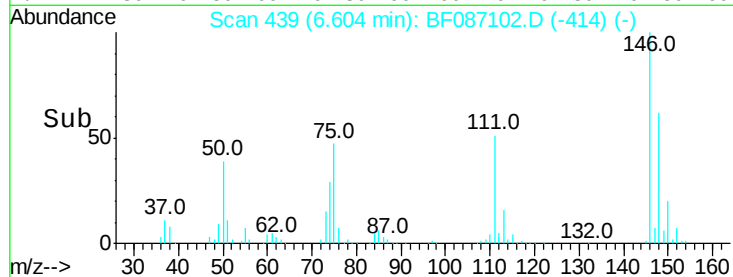
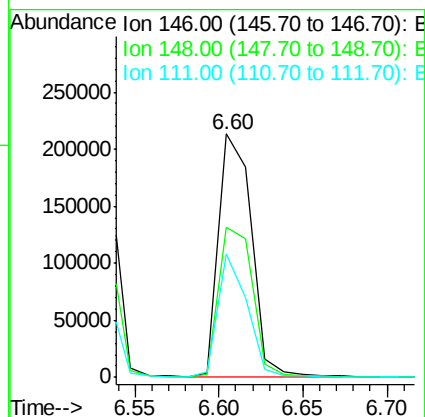
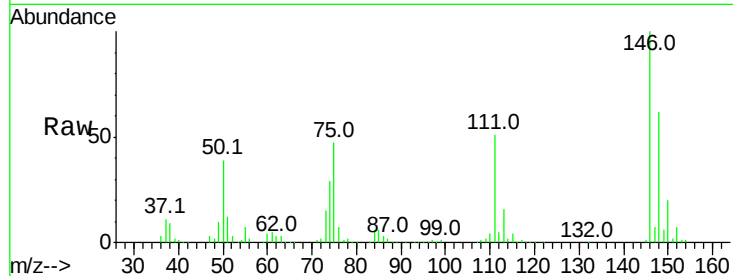
ClientSampleID :

SSTDIC025

Tot Ion:	146	Resp:	294153
Ion Ratio	Lower	Upper	
146	100		
148	61.9	52.2	78.4
111	50.6	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 27.04 ng/mL

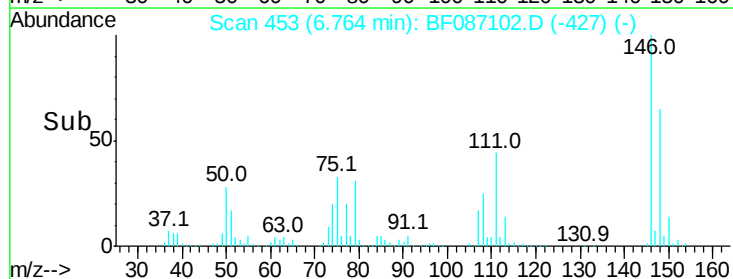
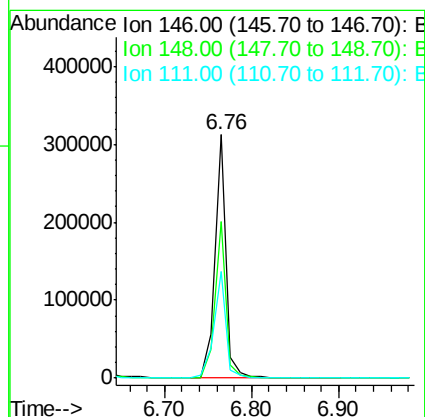
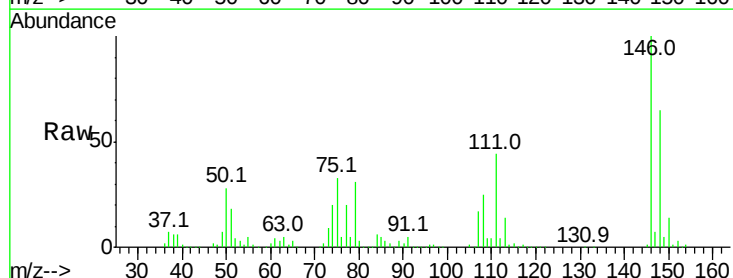
RT: 6.76 min Scan# 453

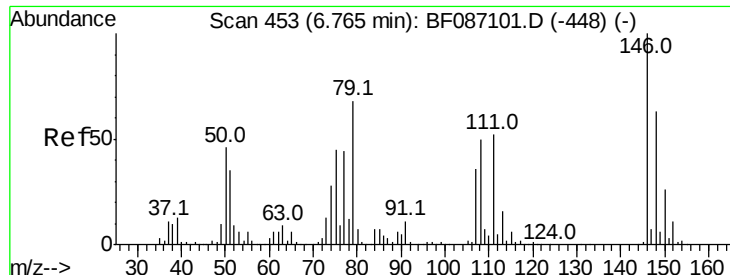
Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	146	Resp:	283215
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.0	76.6
111	44.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 28.06 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 79 Resp: 233683

Ion Ratio Lower Upper

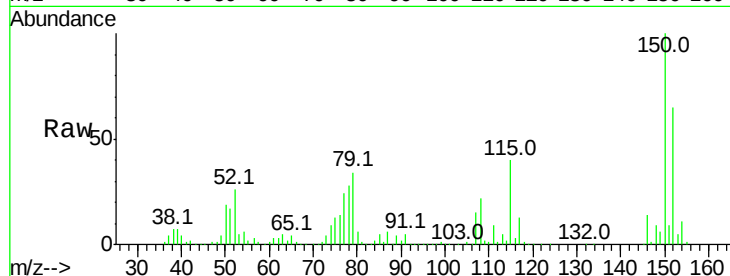
79 100

108 64.6 68.4 102.6#

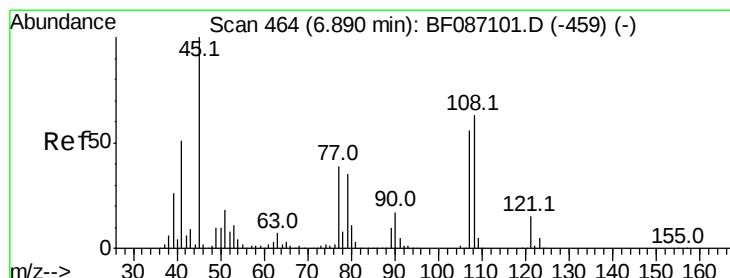
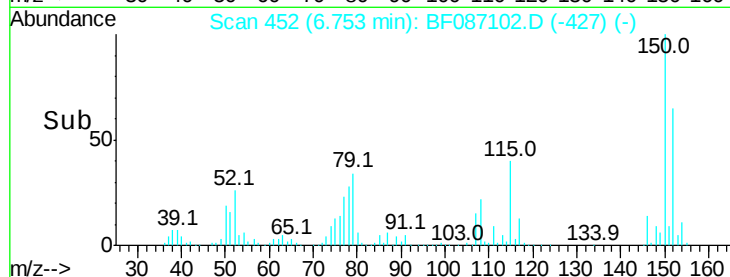
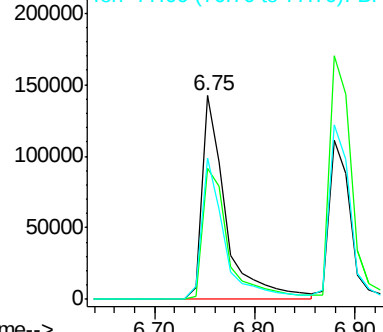
77 69.6 50.6 76.0

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.49 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

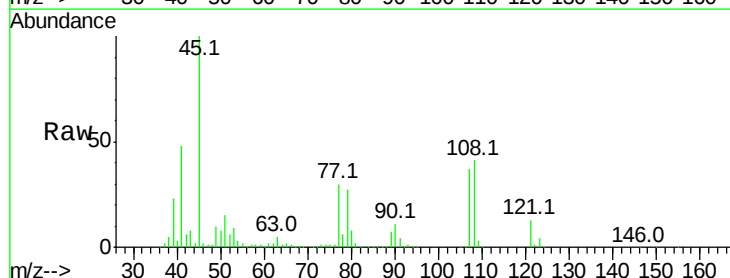
Tgt Ion: 45 Resp: 619508

Ion Ratio Lower Upper

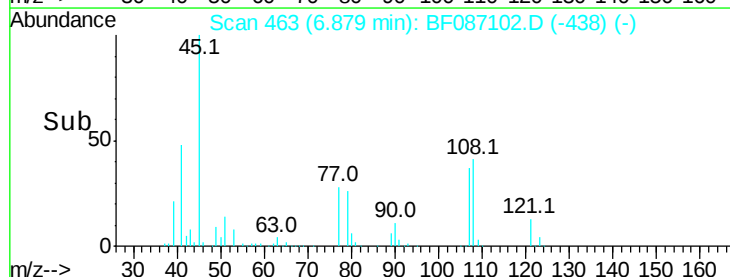
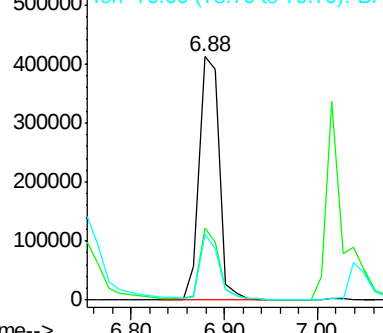
45 100

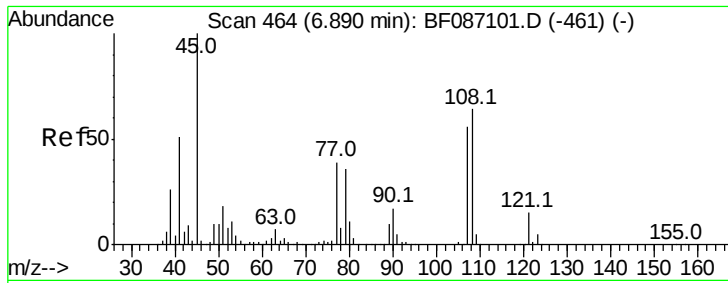
77 29.6 0.0 36.4

79 27.0 0.0 33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 25.88 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:107 Resp: 224175
Ion Ratio Lower Upper

107 100

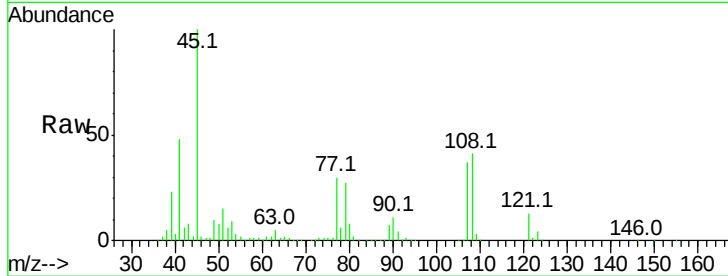
108 111.8 93.7 140.5

77 80.1 33.4 50.0#

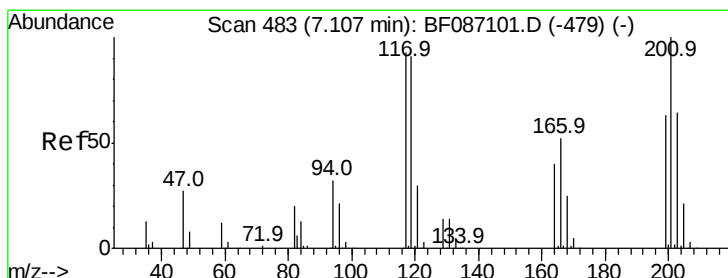
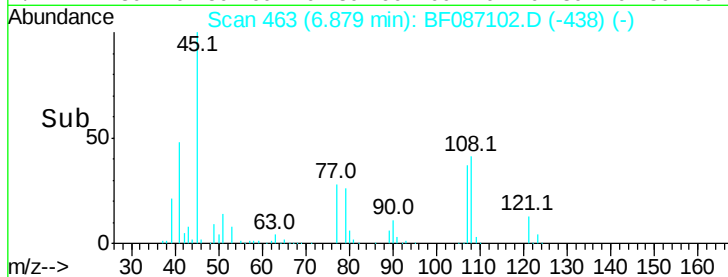
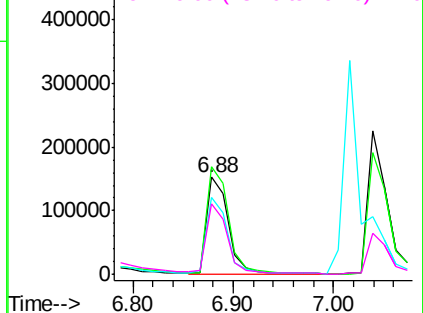
79 73.1 34.3 51.5#

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



#18

Hexachloroethane

Concen: 24.30 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF087102.D

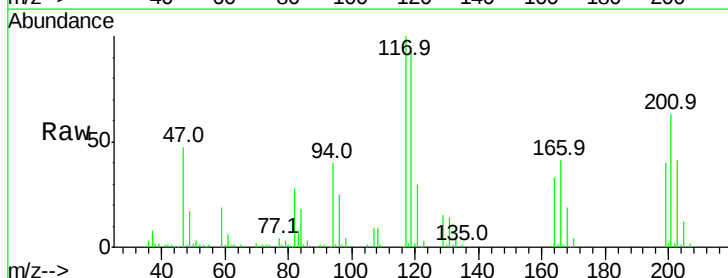
Acq: 17 May 2016 14:38

Tgt Ion:117 Resp: 109847
Ion Ratio Lower Upper

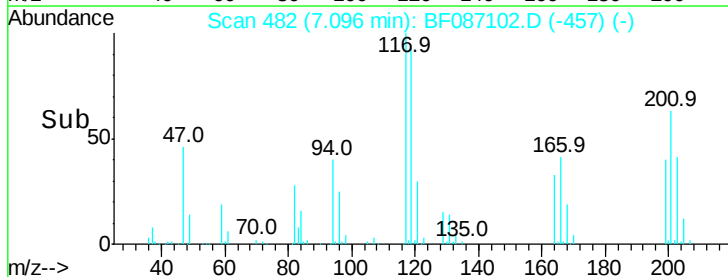
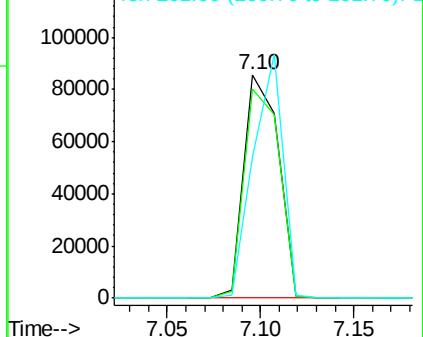
117 100

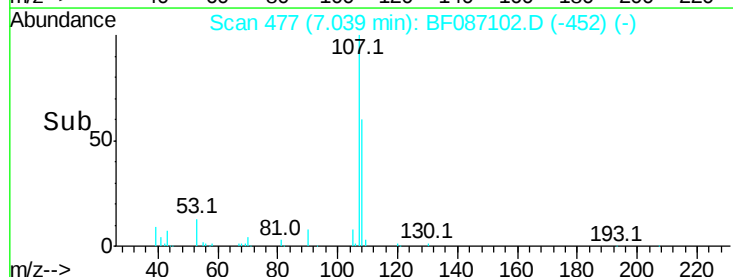
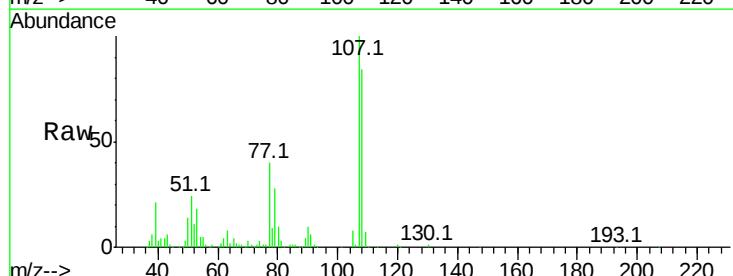
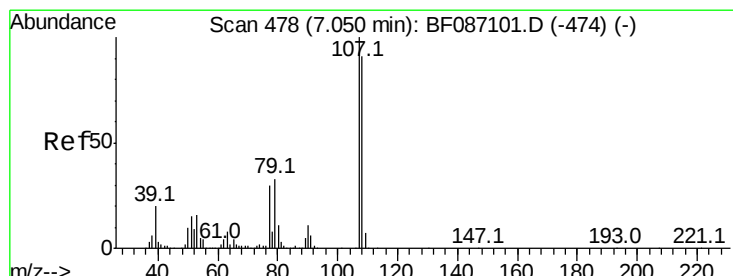
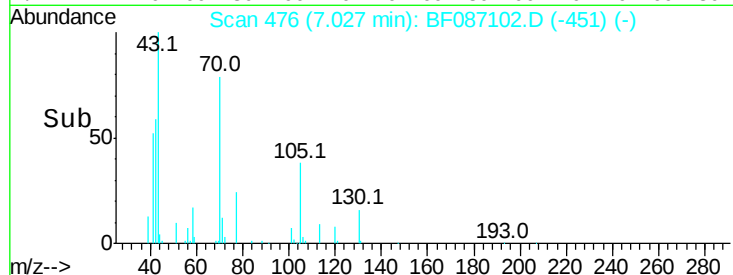
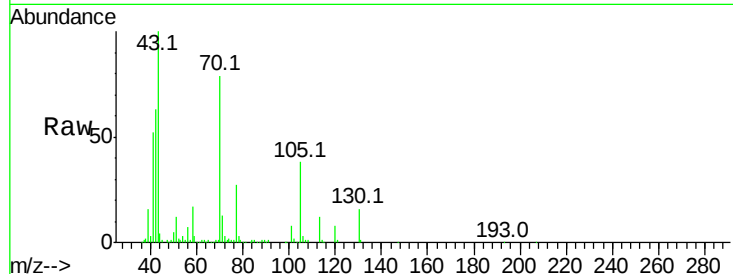
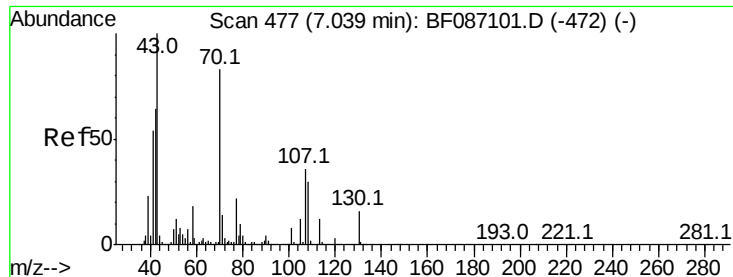
119 93.4 76.5 114.7

201 63.0 63.0 94.6#



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





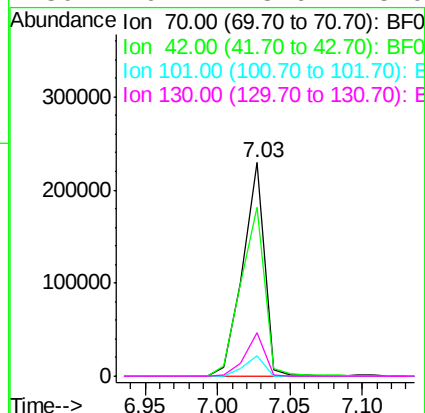
#19
n-Nitroso-di-n-propylamine
Concen: 28.50 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
70	100		
42	79.2	43.1	64.7#
101	9.8	8.1	12.1
130	20.2	18.6	28.0

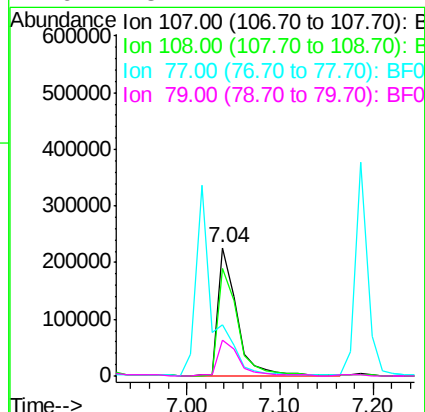
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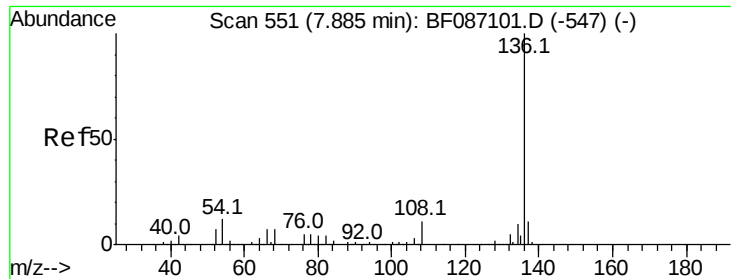
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#20
3+4-Methylphenols
Concen: 27.53 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.2	68.5	108.5
77	40.0	101.6	141.6#
79	28.2	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

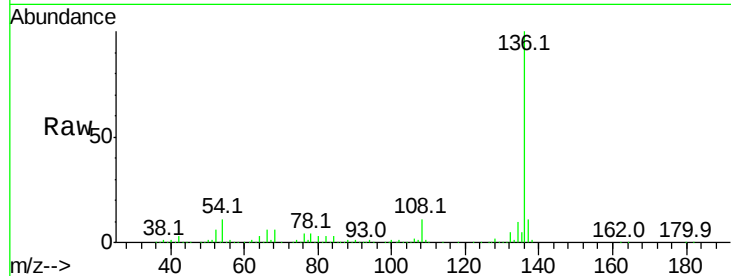
ClientSampleId :

SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		662812		
137	11.0	8.8	13.2		
54	10.8	5.0	7.4#		
68	5.8	4.4	6.6		

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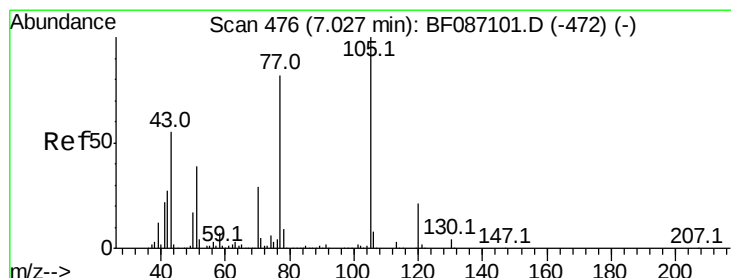
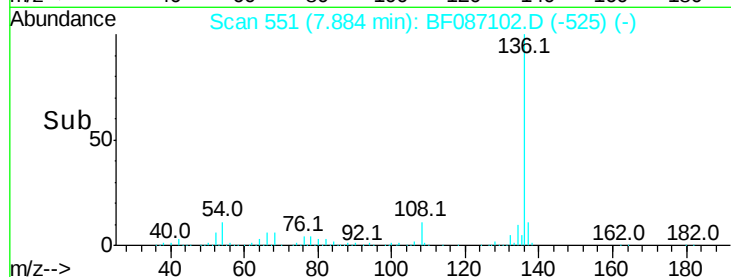
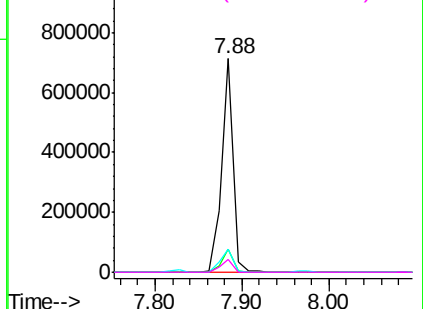


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.52 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

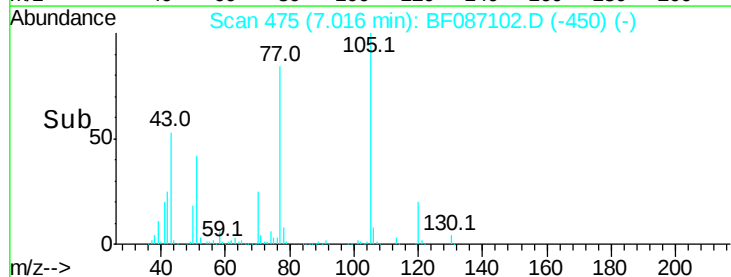
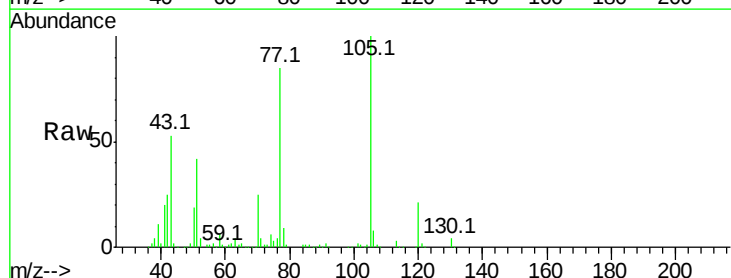
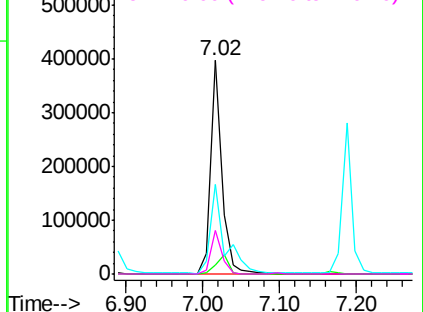
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		399544		
71	4.1	4.8	7.2#		
51	42.2	32.6	49.0		
120	20.5	16.5	24.7		

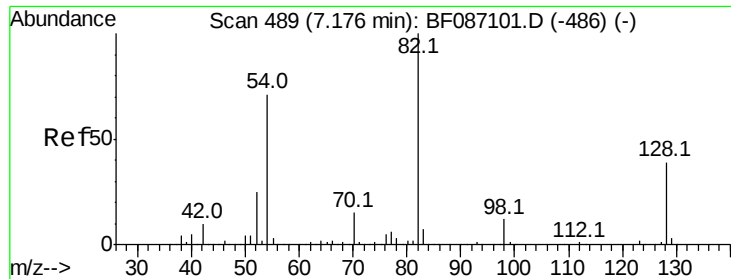
Abundance Ion 105.00 (104.70 to 105.70): E

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





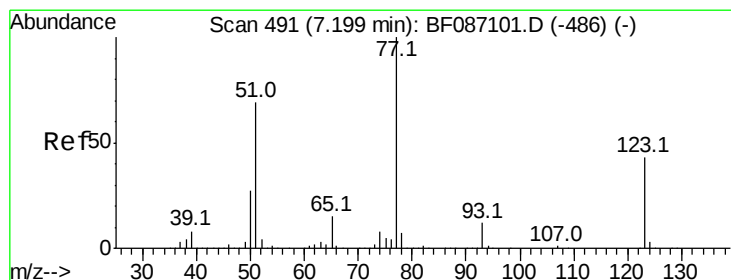
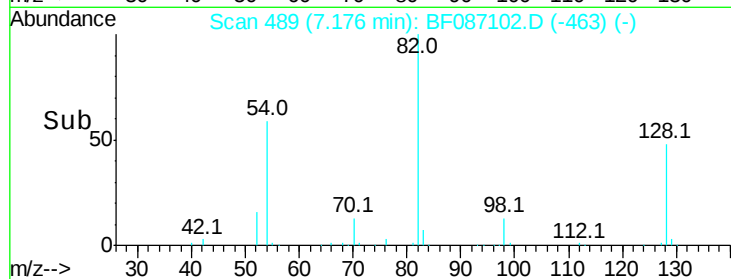
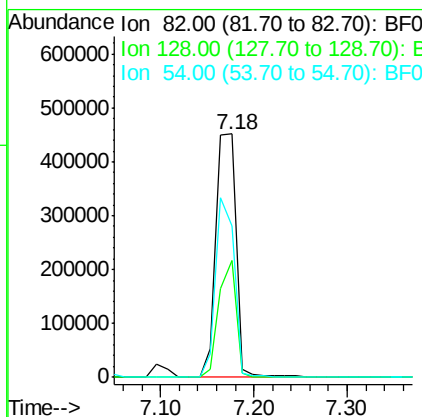
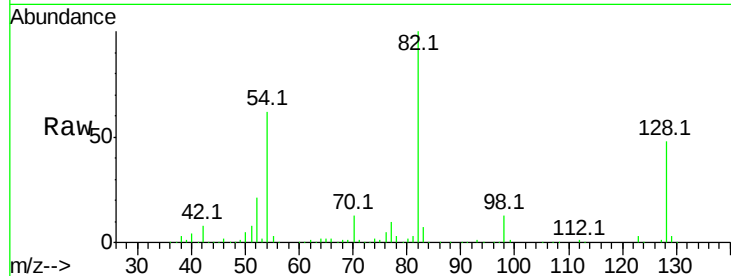
#23
 Nitrobenzene-d5
 Concen: 51.31 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
82	100	677293		
128	48.2		40.6	61.0
54	62.0		38.1	57.1#

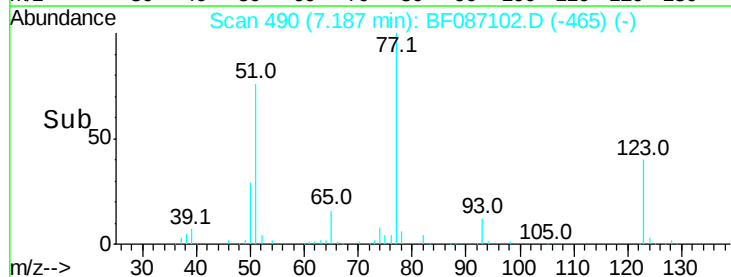
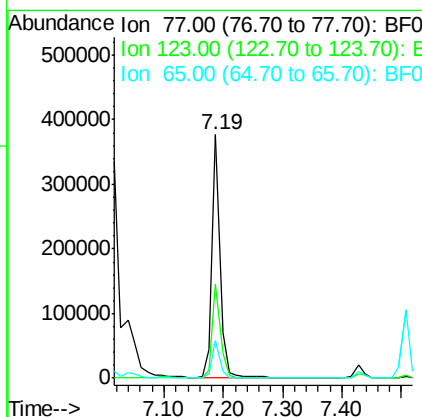
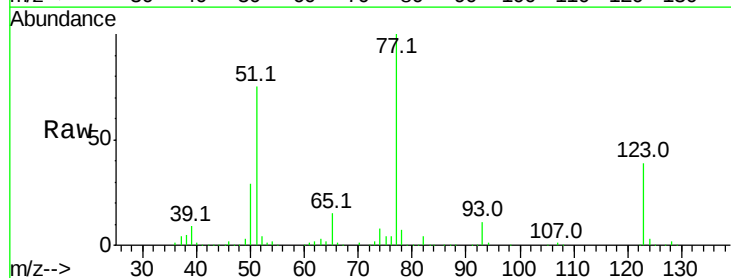
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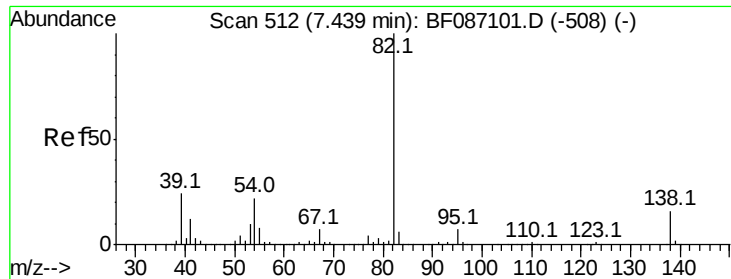
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#24
 Nitrobenzene
 Concen: 26.23 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	356144		
123	38.5		33.0	49.4
65	15.4		10.8	16.2





#25

Isophorone

Concen: 23.72 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

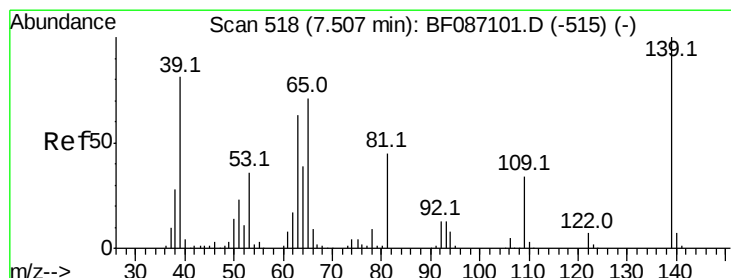
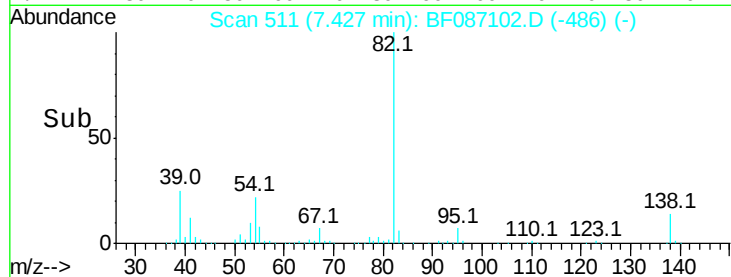
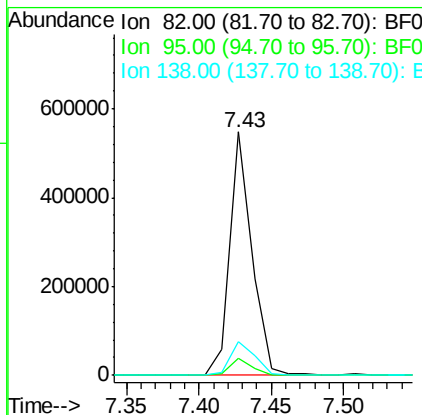
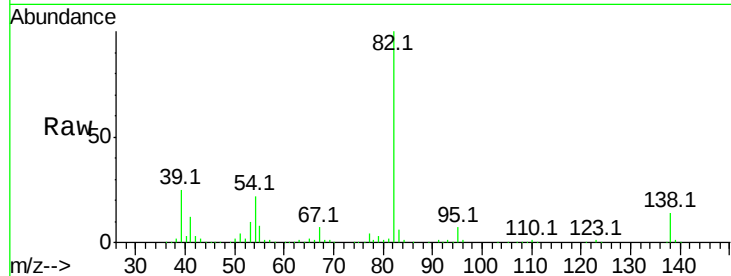
ClientSampleId :

SSTDIC025

Tot Ion:	82	Resp:	580915
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.1	7.7
138	13.9	12.4	18.6

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#26

2-Nitrophenol

Concen: 25.92 ng

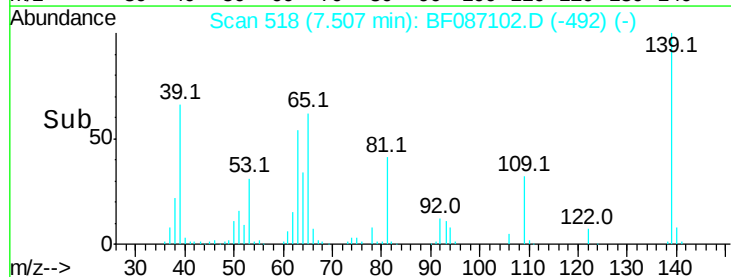
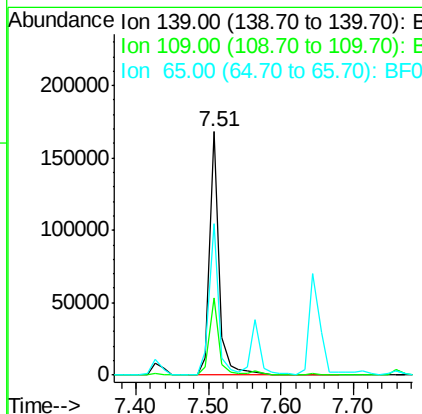
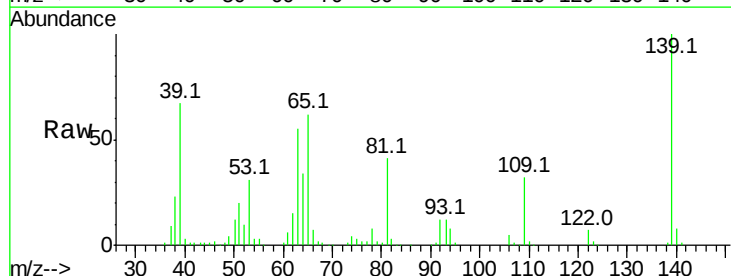
RT: 7.51 min Scan# 518

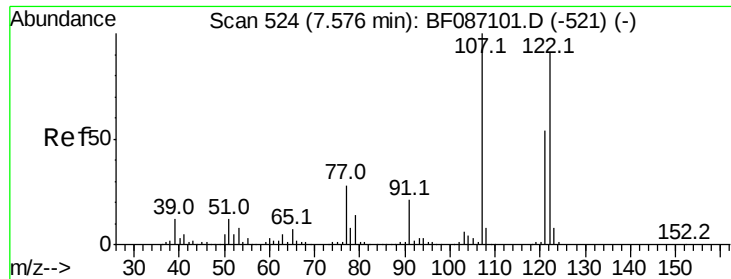
Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	139	Resp:	154726
Ion Ratio	Lower	Upper	
139	100		
109	31.7	19.5	29.3#
65	62.4	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 25.63 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

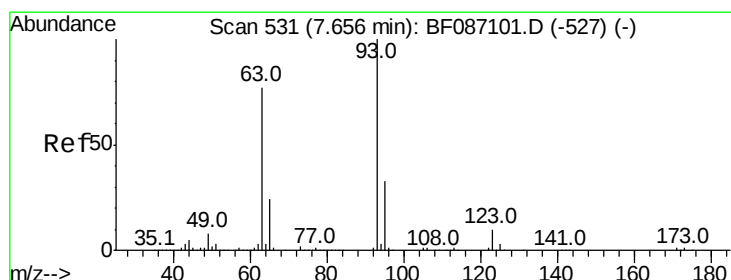
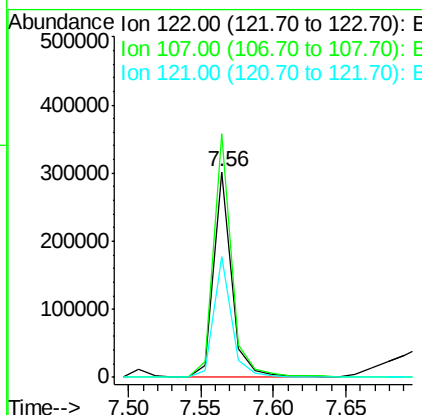
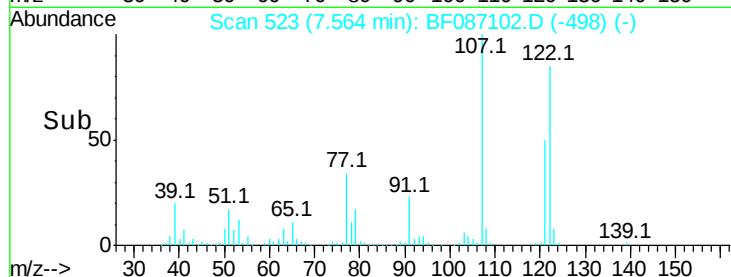
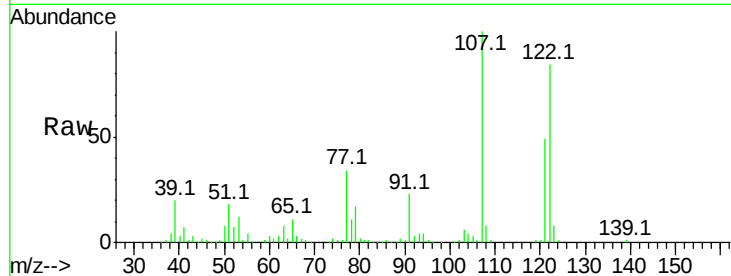
ClientSampleId :

SSTDIC025

Tot Ion:	122	Resp:	260605
Ion Ratio	Lower	Upper	
122	100		
107	118.4	82.0	123.0
121	58.6	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 23.44 ng

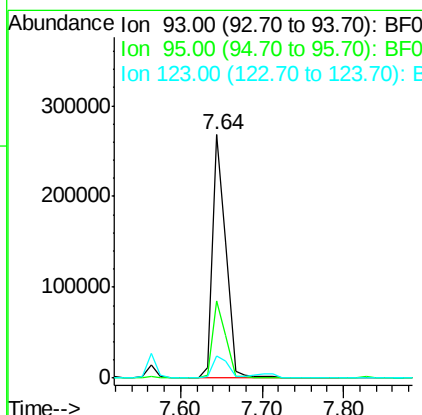
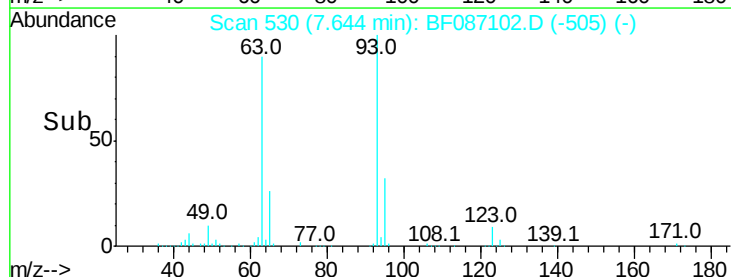
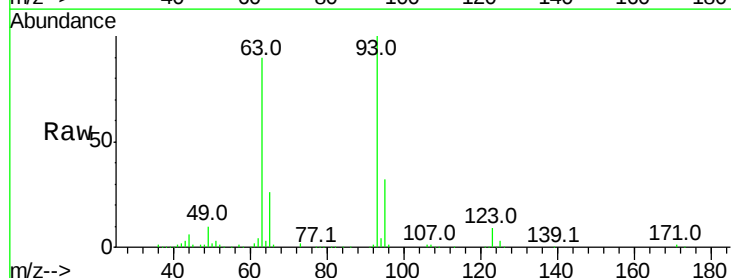
RT: 7.64 min Scan# 530

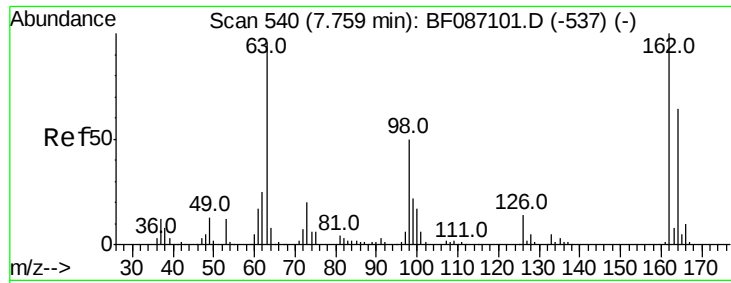
Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	93	Resp:	309719
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.0	39.0
123	8.9	9.5	14.3#





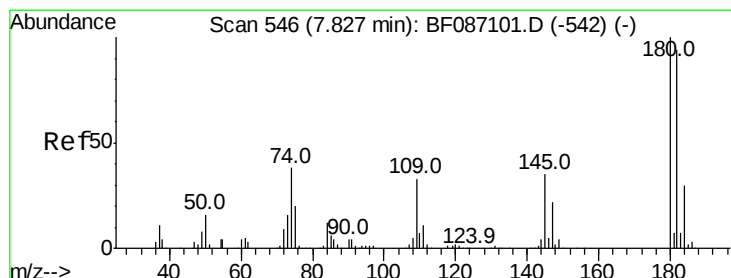
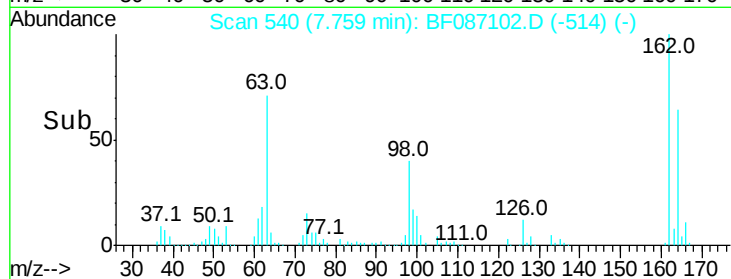
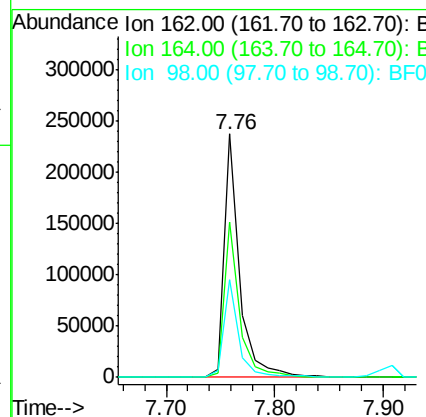
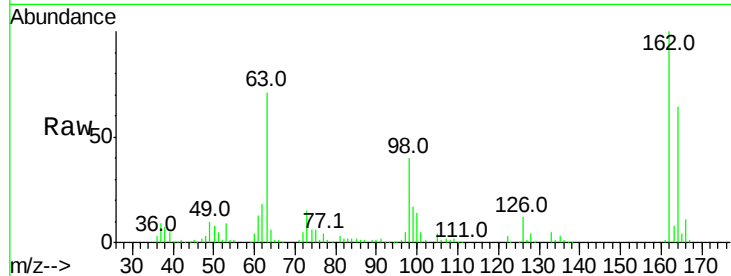
#29
 2,4-Dichlorophenol
 Concen: 26.31 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	162	Resp:	235452
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.2	82.2
98	40.0	19.0	59.0

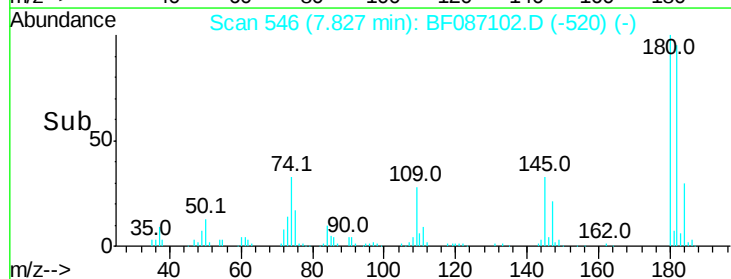
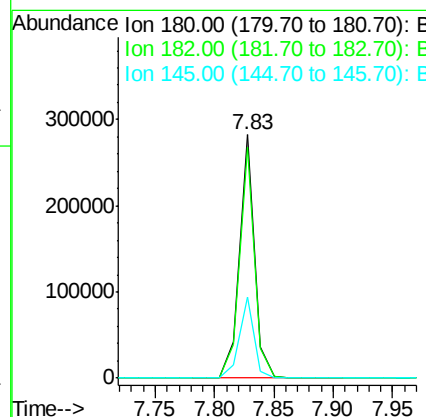
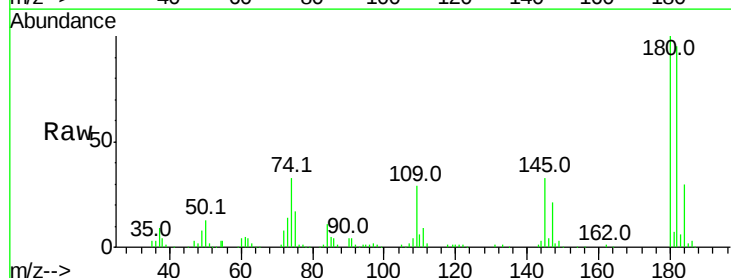
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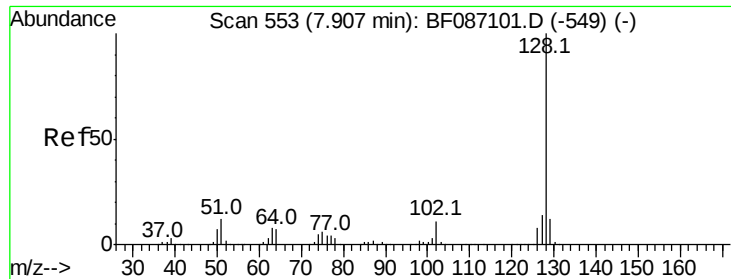
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#30
 1,2,4-Trichlorobenzene
 Concen: 25.00 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Tgt Ion:	180	Resp:	250186
Ion Ratio	Lower	Upper	
180	100		
182	94.9	78.0	117.0
145	33.2	24.2	36.2





#31

Naphthalene

Concen: 25.79 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

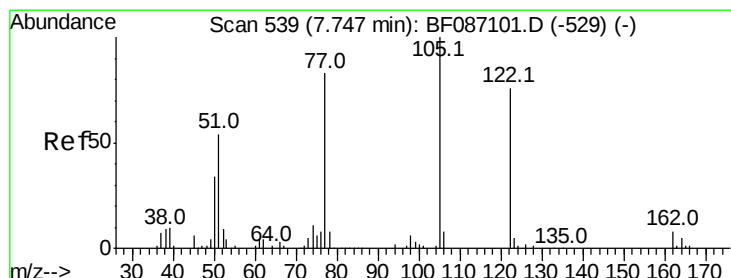
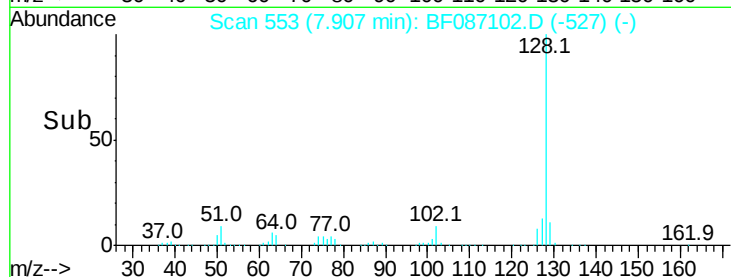
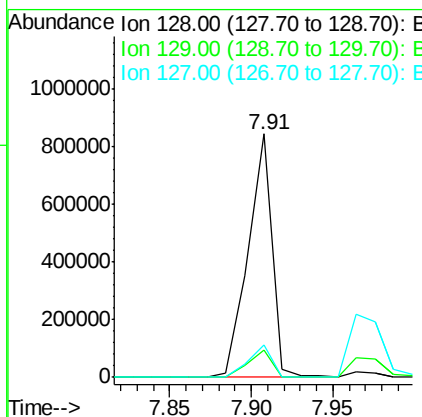
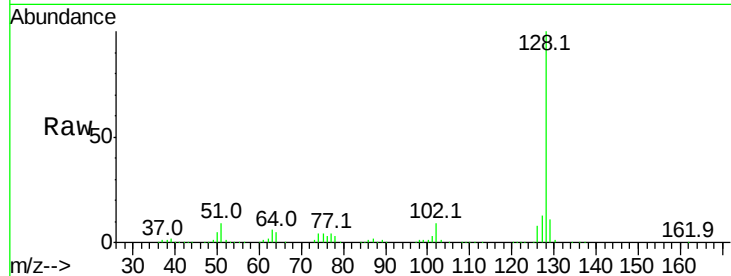
ClientSampleId :

SSTDIC025

Tot Ion:	128	Resp:	856288
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	13.0
127	13.5	10.8	16.2

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#32

Benzoic acid

Concen: 26.45 ng

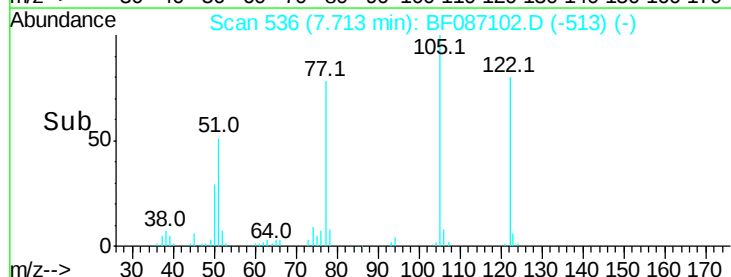
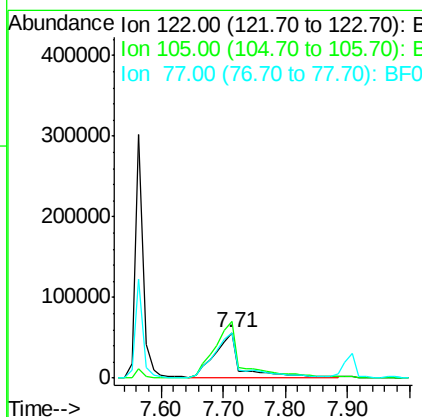
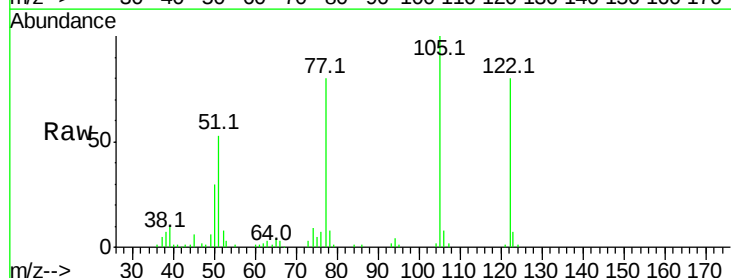
RT: 7.71 min Scan# 536

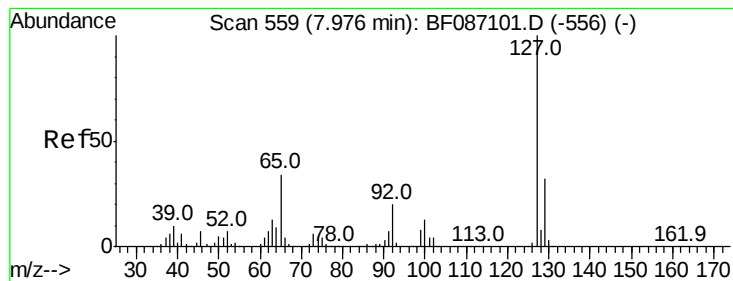
Delta R.T. -0.03 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	122	Resp:	157957
Ion Ratio	Lower	Upper	
122	100		
105	125.4	92.6	132.6
77	100.1	60.0	100.0#





#33

4-Chloroaniline

Concen: 25.19 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

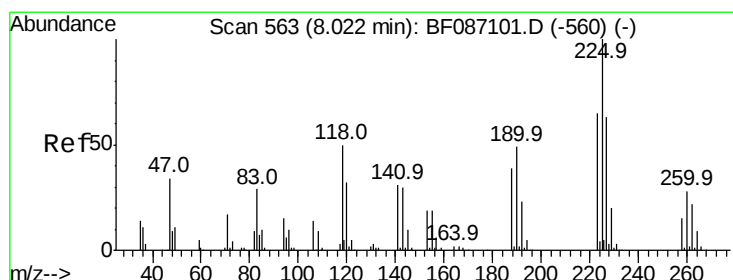
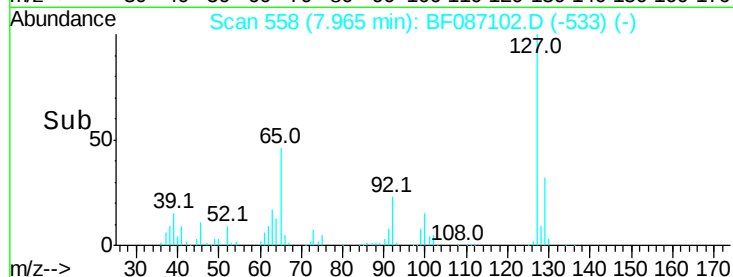
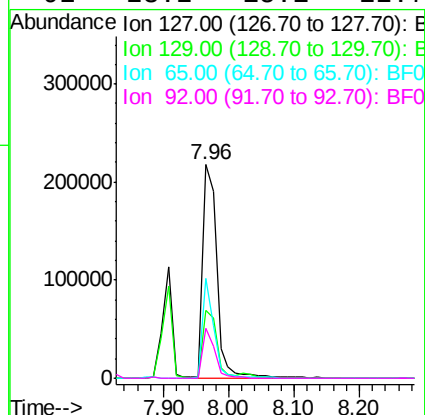
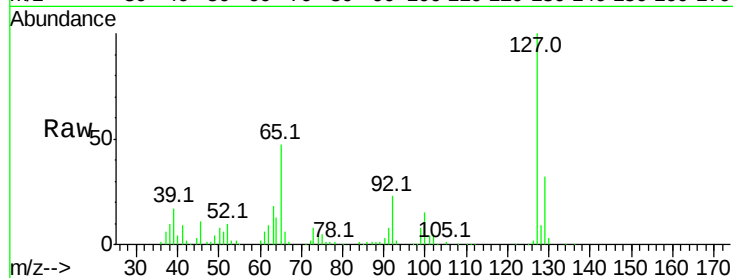
ClientSampleId :

SSTDICC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.2	39.4		
65	46.9	23.0	34.4		
92	23.2	15.1	22.7		

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#34

Hexachlorobutadiene

Concen: 23.91 ng

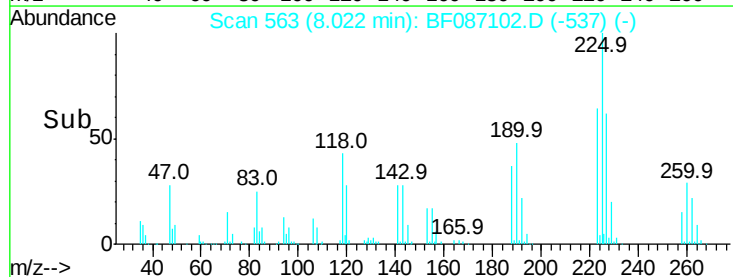
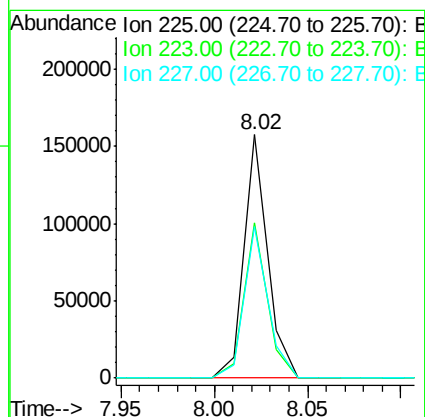
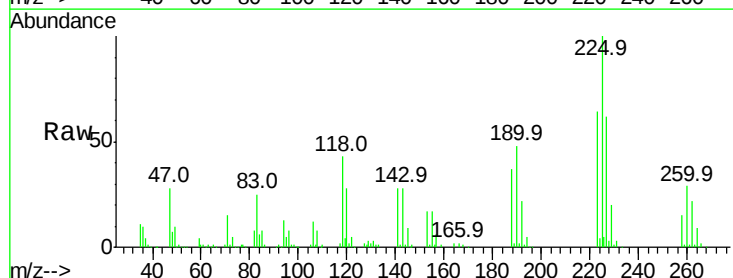
RT: 8.02 min Scan# 563

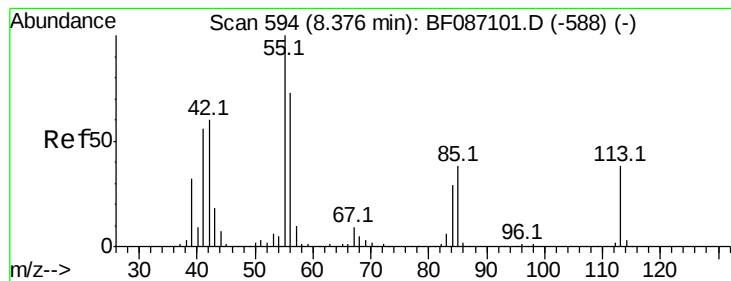
Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	51.5	77.3		
227	62.1	52.2	78.2		





#35

Caprolactam

Concen: 26.33 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

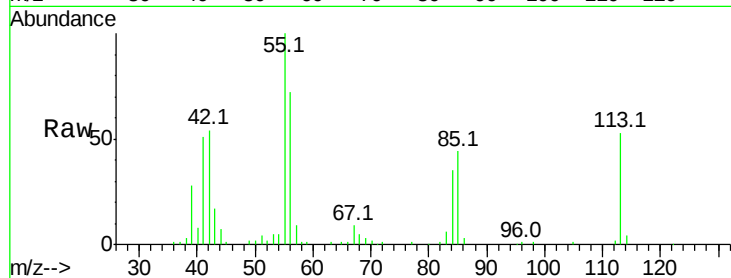
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.4	162.0	202.0
56	135.3	115.3	155.3

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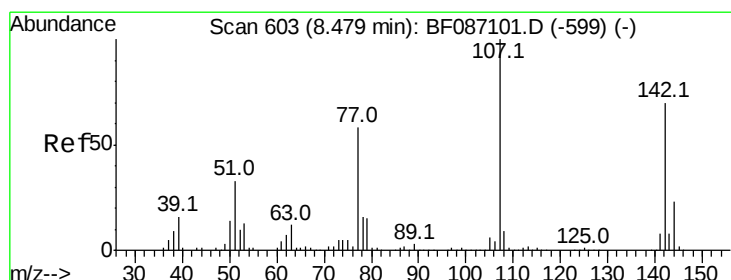
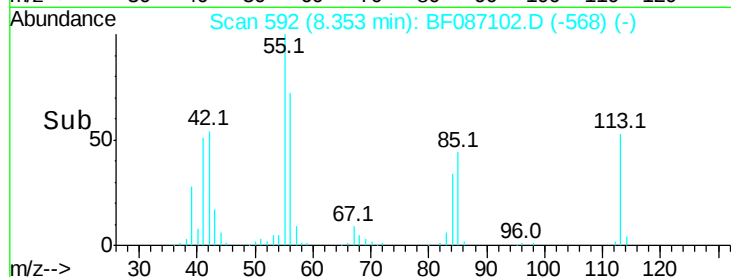
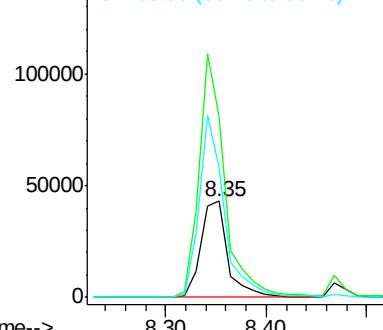
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 24.56 ng

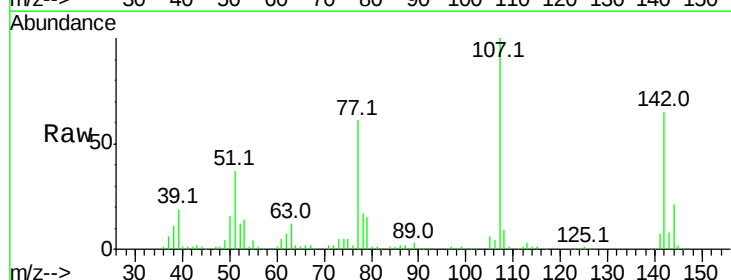
RT: 8.47 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

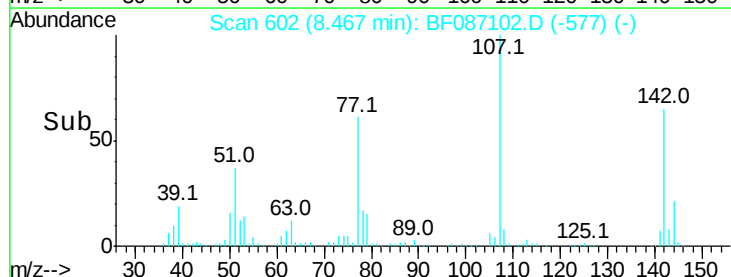
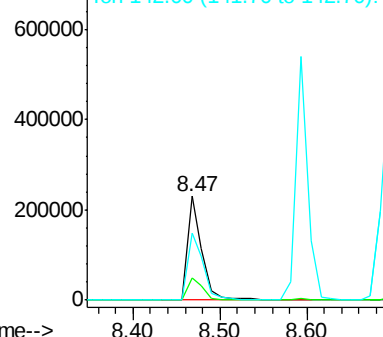
Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.4	20.7	31.1
142	65.1	63.2	94.8

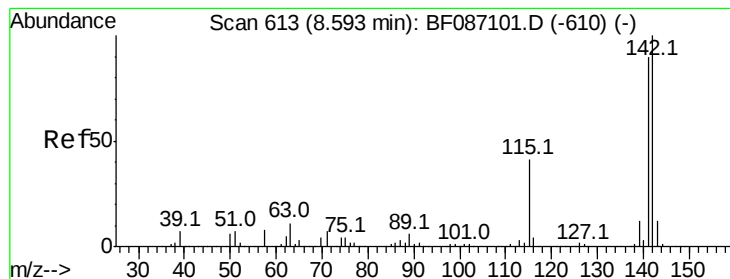


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





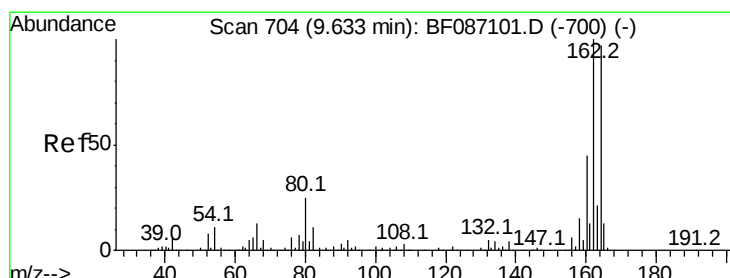
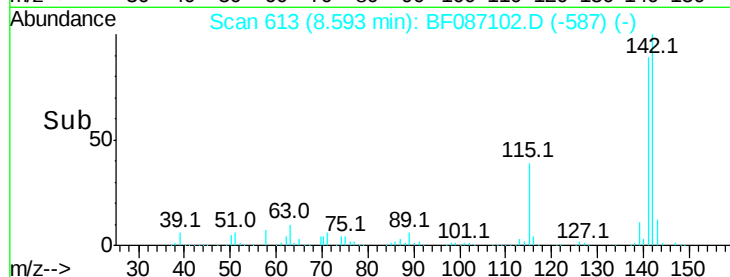
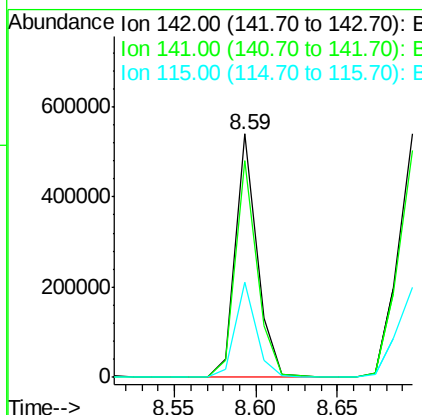
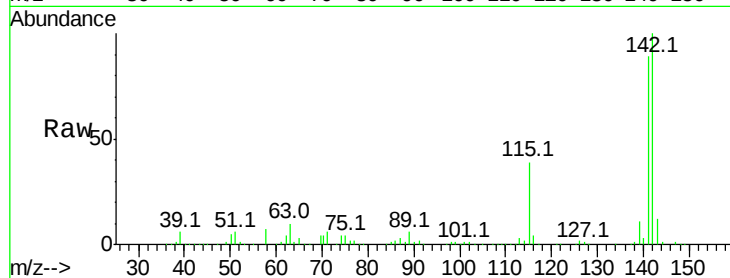
#37
2-Methylnaphthalene
Concen: 25.49 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
142	100	494747		
141	88.8	71.0	106.6	
115	38.9	26.6	39.8	

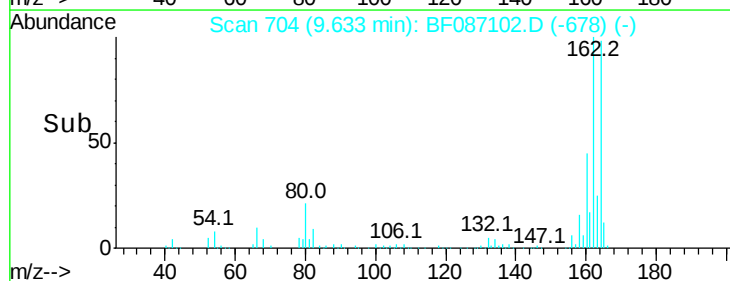
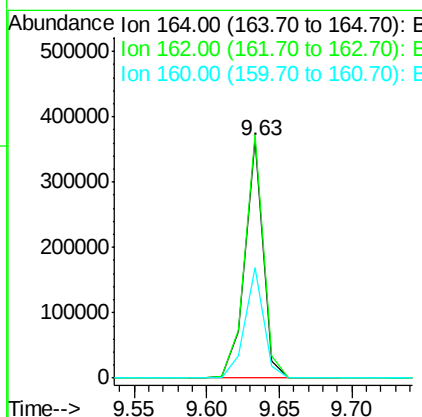
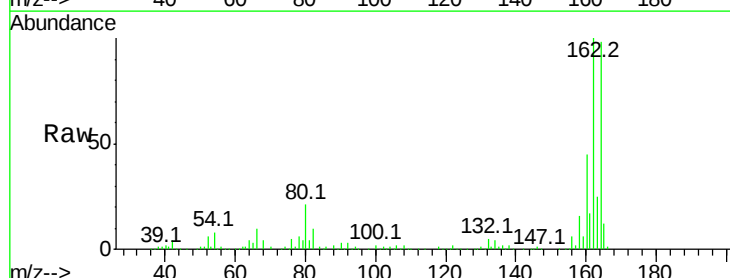
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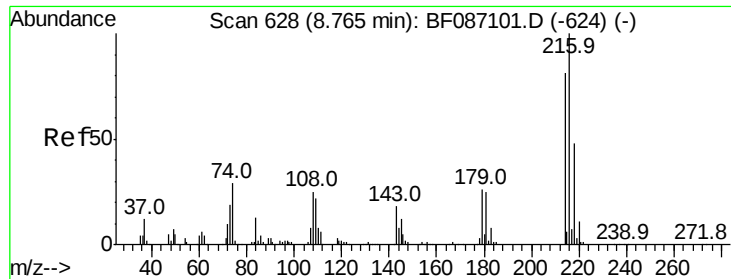
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	320024		
162	102.4	82.8	124.2	
160	46.3	36.9	55.3	





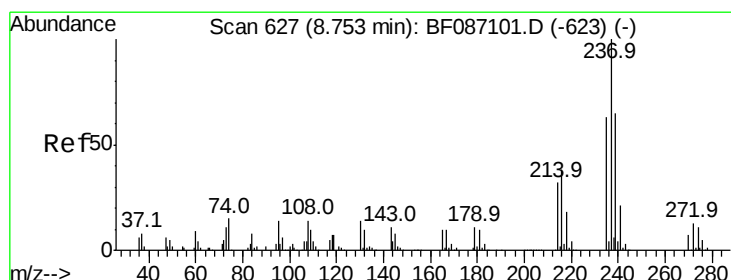
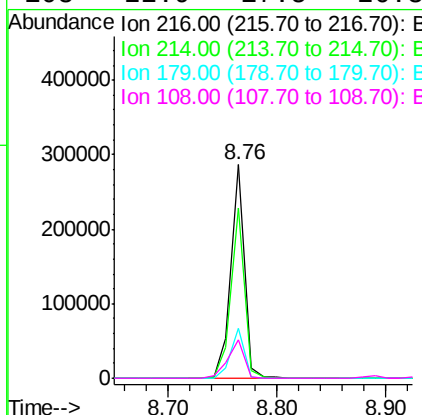
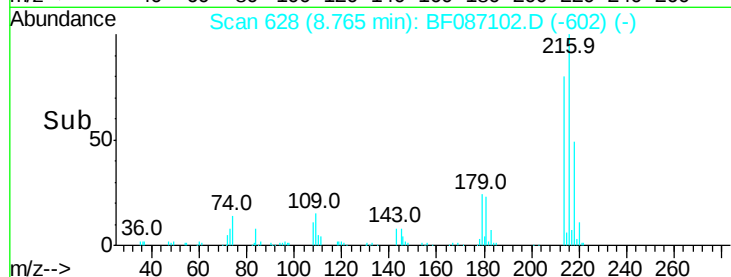
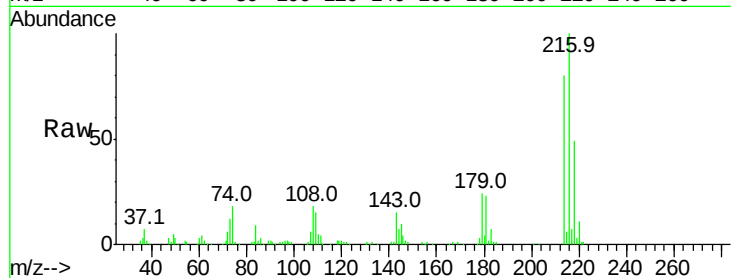
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.45 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
216	100	246121		
214	79.7	62.6	93.8	
179	23.9	18.2	27.4	
108	22.9	17.5	26.3	

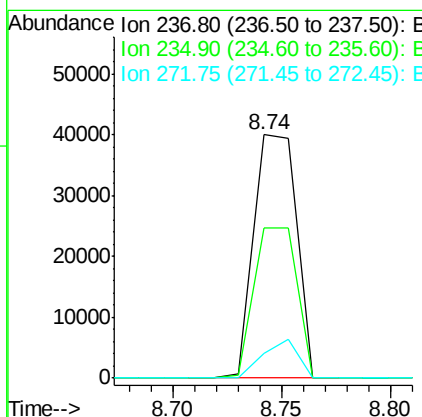
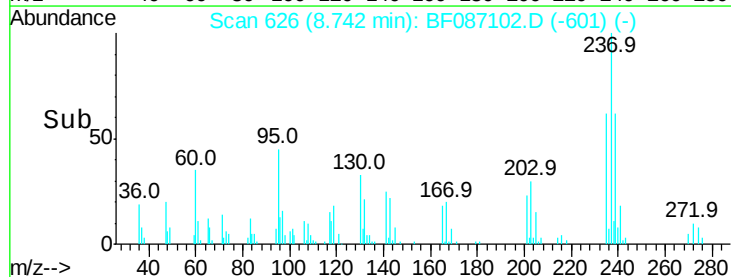
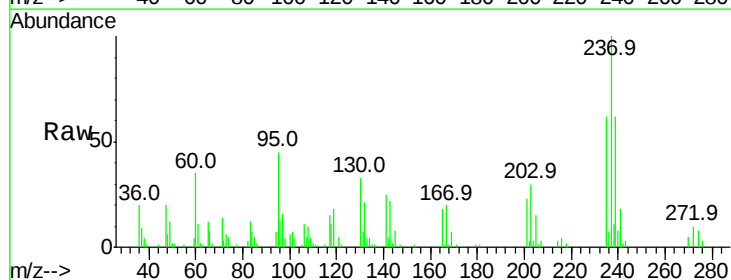
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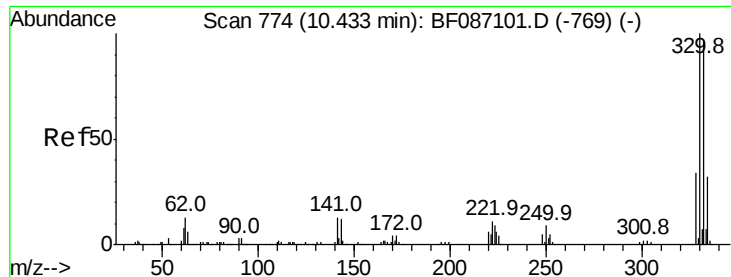
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#40
 Hexachlorocyclopentadiene
 Concen: 12.47 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	55080		
235	61.8	47.2	87.2	
272	10.1	0.0	31.1	





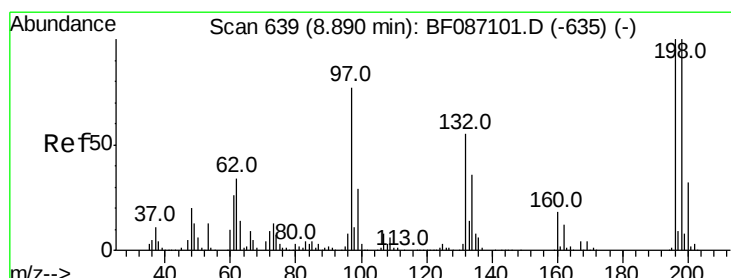
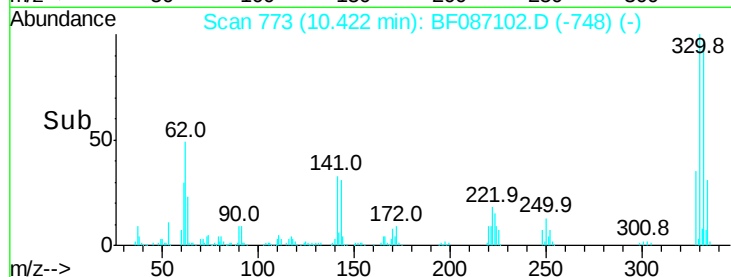
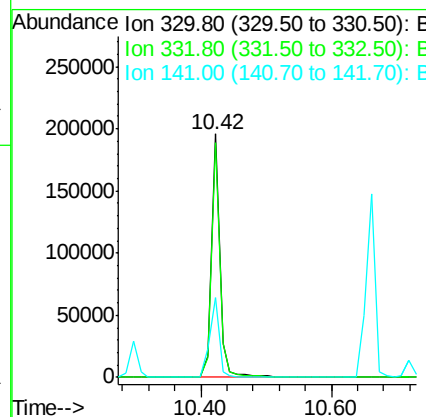
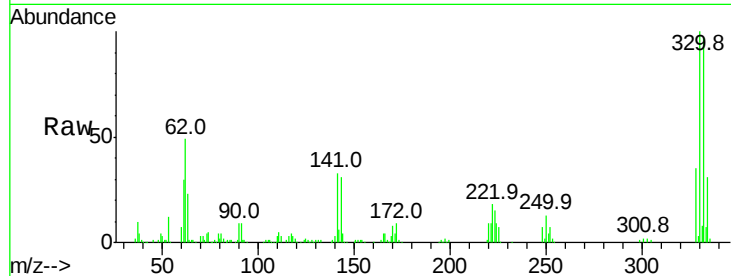
#41
 2,4,6-Tribromophenol
 Concen: 51.87 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
330	100	175728		
332	96.4	79.0	118.4	
141	37.8	31.2	46.8	

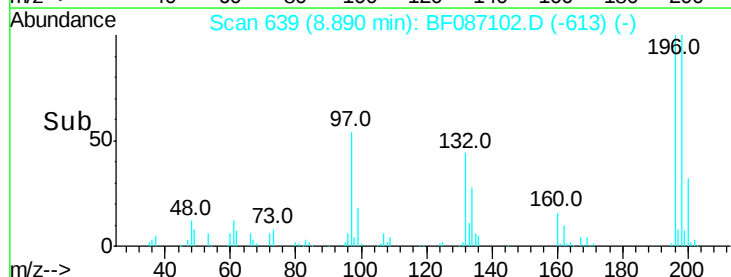
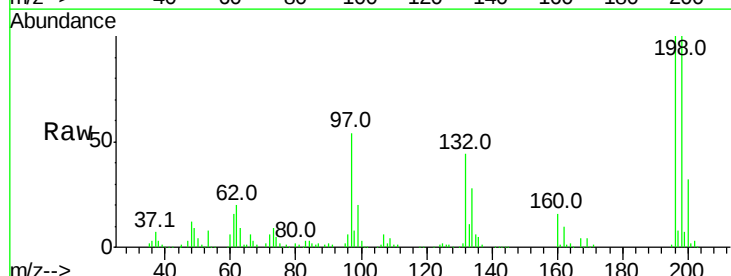
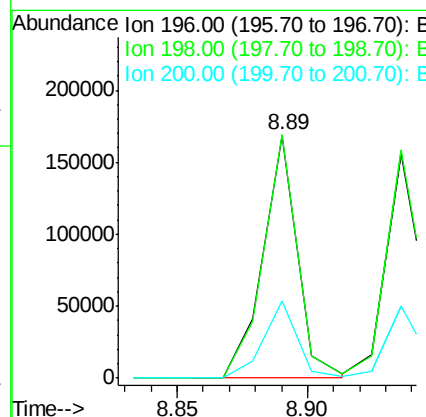
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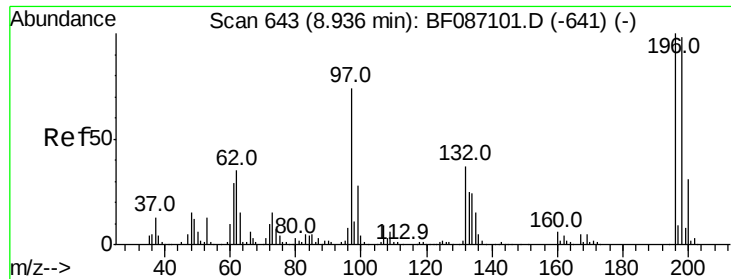
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#42
 2,4,6-Trichlorophenol
 Concen: 25.19 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156755		
198	100.3	74.7	112.1	
200	31.7	23.8	35.6	





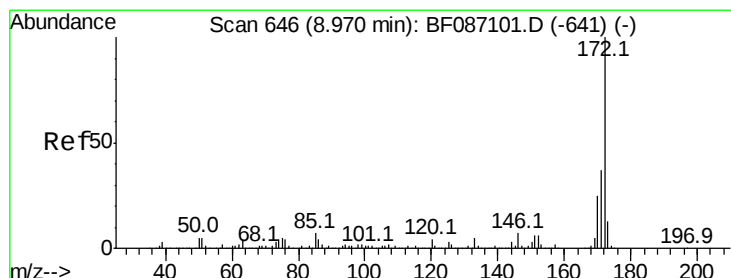
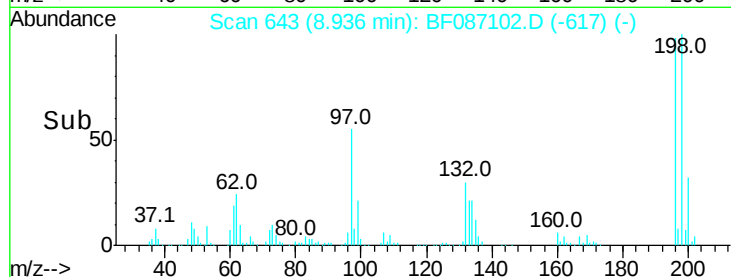
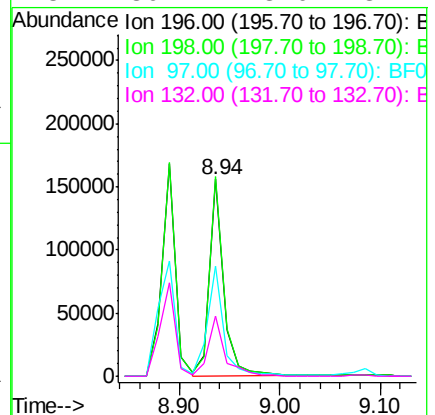
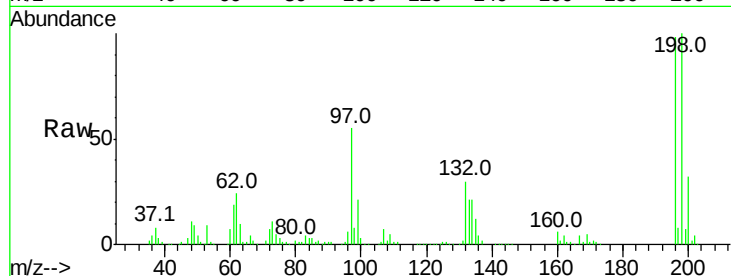
#43
 2,4,5-Trichlorophenol
 Concen: 24.25 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		156020		
198	101.6	77.5	116.3		
97	55.7	34.8	52.2		
132	30.4	23.0	34.4		

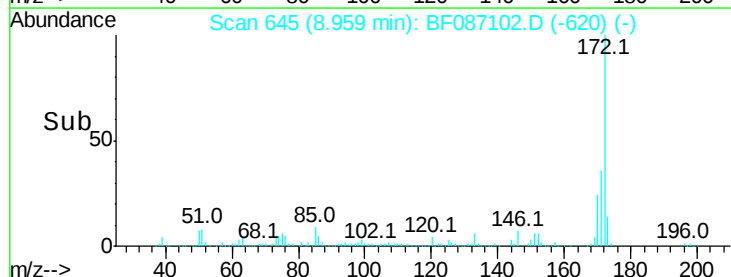
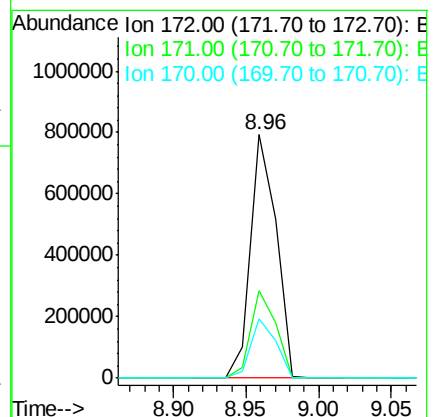
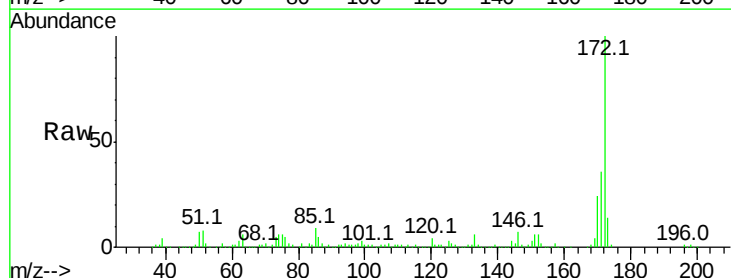
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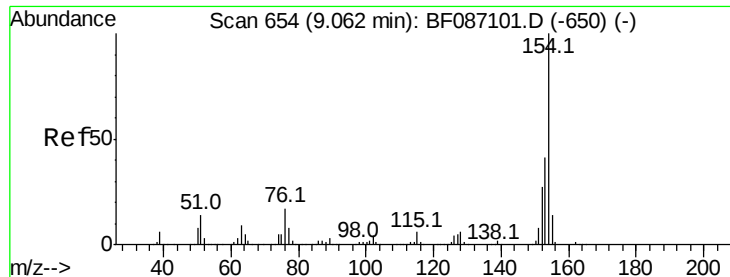
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#44
 2-Fluorobiphenyl
 Concen: 51.39 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		978473		
171	35.8	29.0	43.6		
170	24.4	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 26.98 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

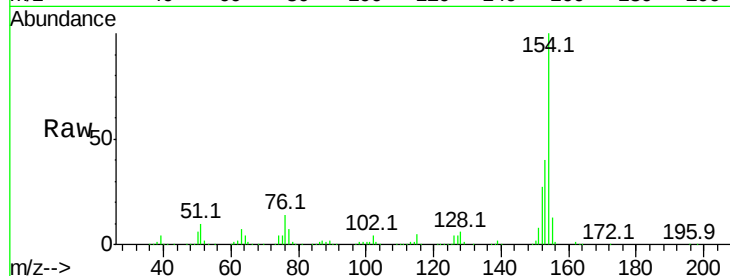
ClientSampleId :

SSTDIC025

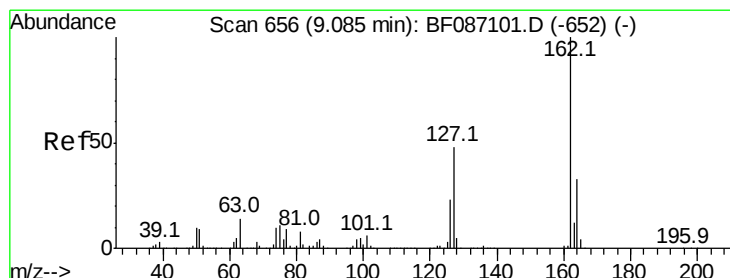
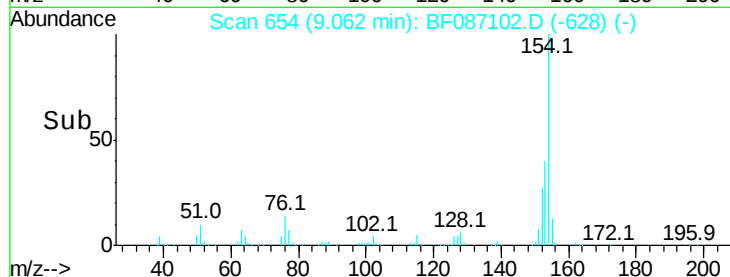
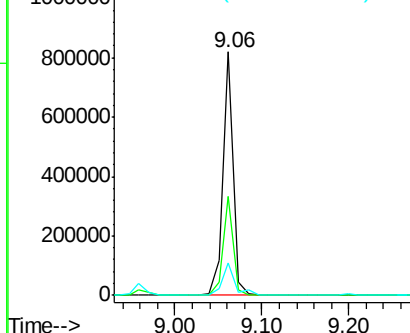
Tot Ion:	154	Resp:	686698
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.3	60.3
76	13.6	0.0	30.2

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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): B



#46

2-Chloronaphthalene

Concen: 26.44 ng

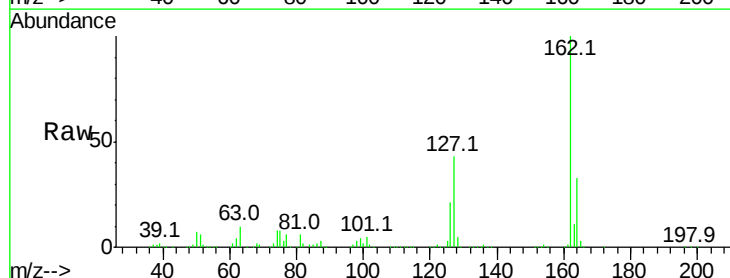
RT: 9.08 min Scan# 656

Delta R.T. -0.00 min

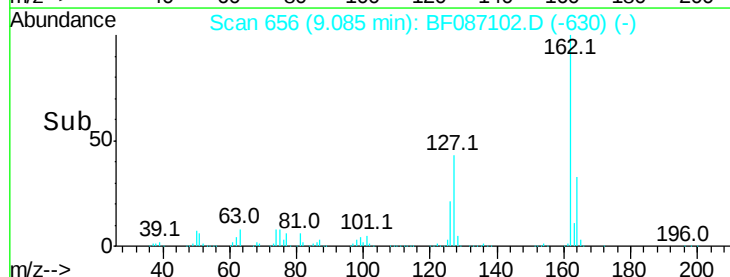
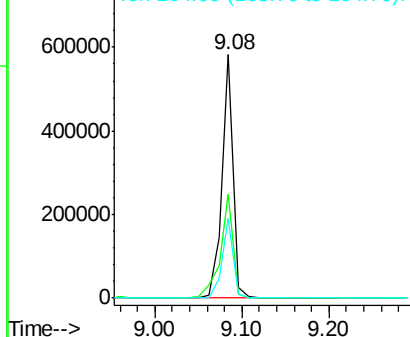
Lab File: BF087102.D

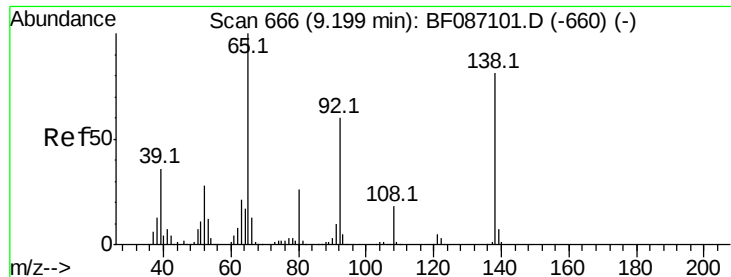
Acq: 17 May 2016 14:38

Tgt Ion:	162	Resp:	527211
Ion Ratio	Lower	Upper	
162	100		
127	42.5	31.8	47.6
164	32.8	27.0	40.6



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





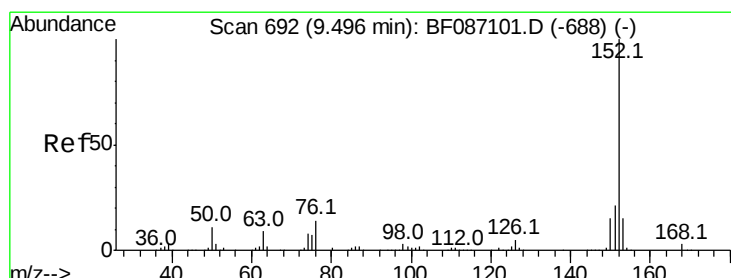
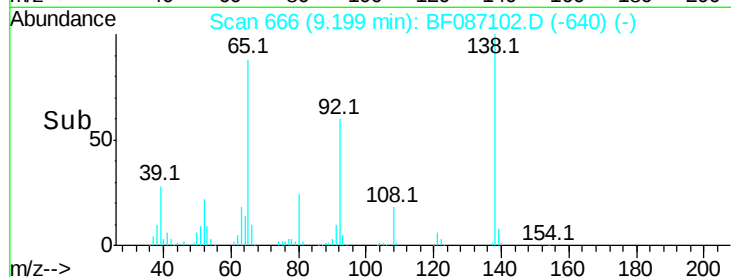
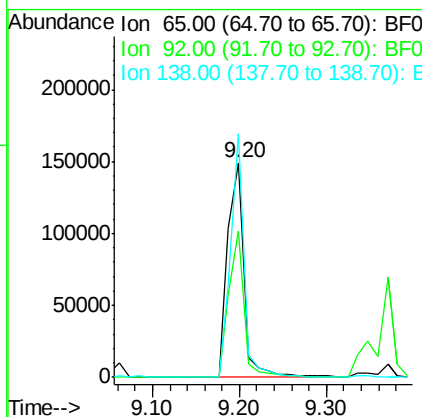
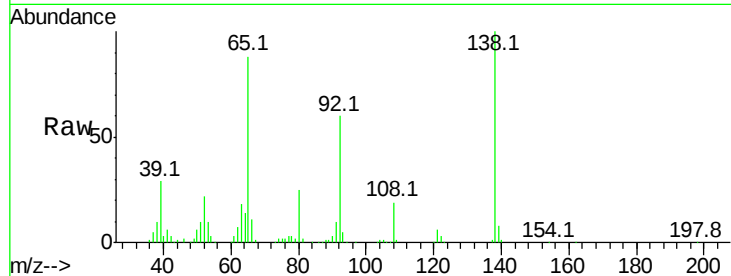
#47
2-Nitroaniline
Concen: 27.01 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.1	57.4	86.2
138	113.5	90.1	135.1

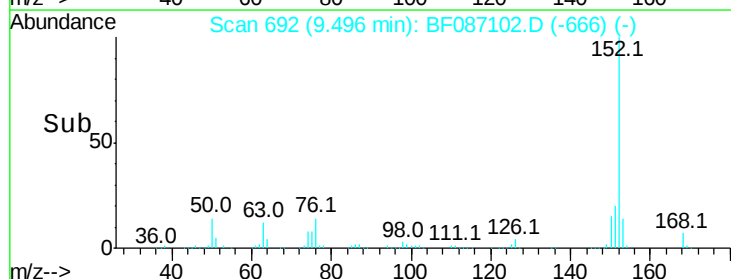
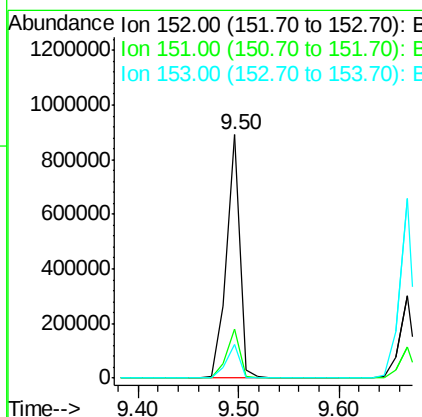
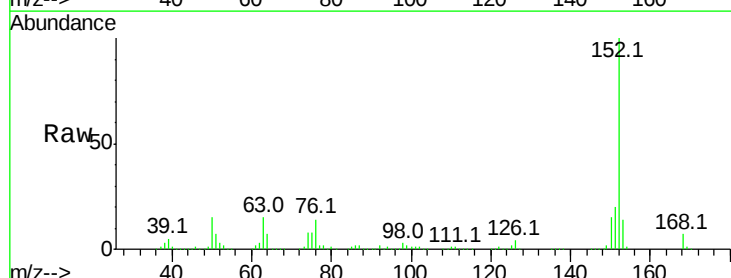
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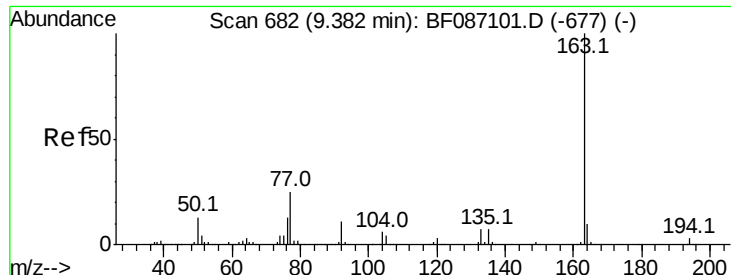
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#48
Acenaphthylene
Concen: 28.09 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.7	10.9	16.3





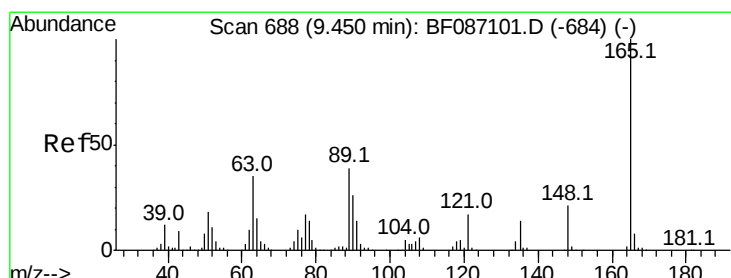
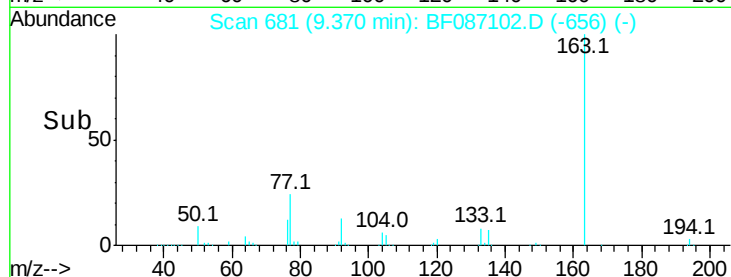
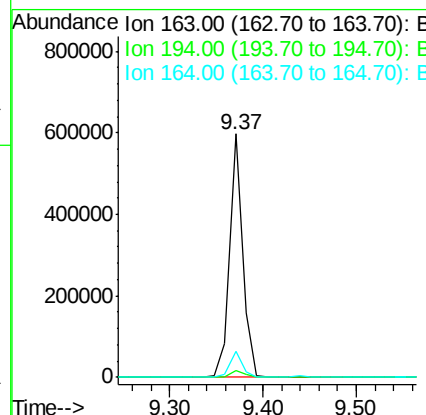
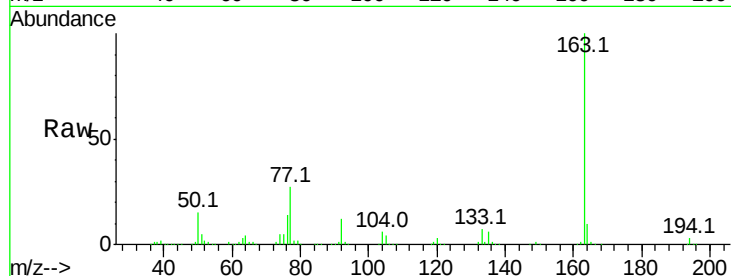
#49
Dimethylphthalate
Concen: 23.88 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.0	2.6	4.0	
164	10.5	8.2	12.4	

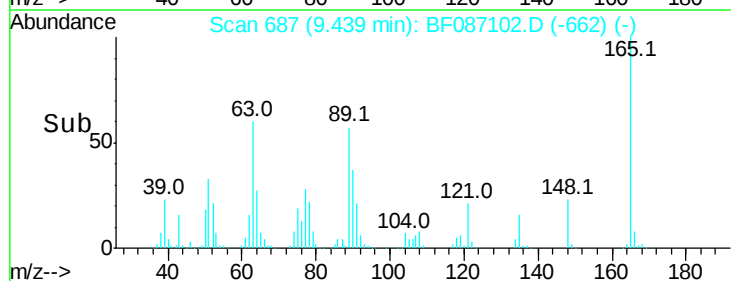
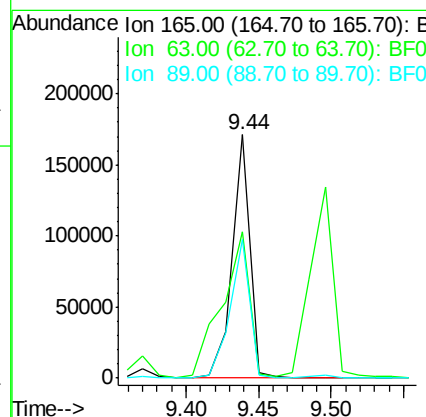
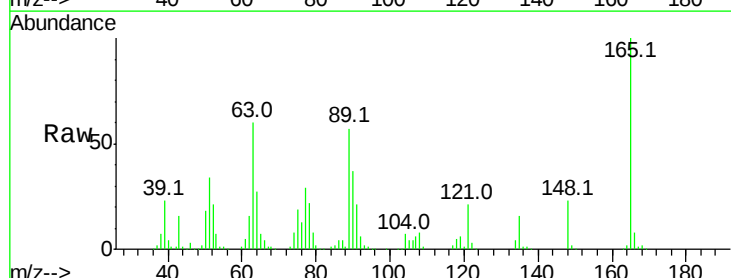
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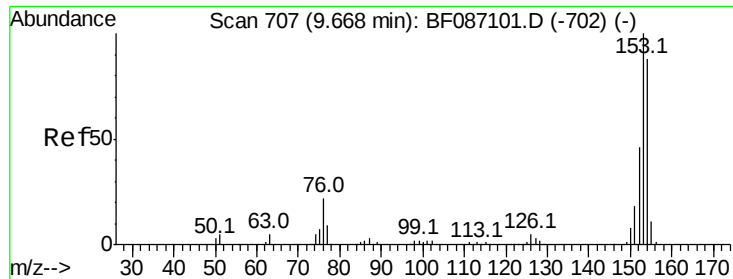
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#50
2,6-Dinitrotoluene
Concen: 28.22 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.0	51.8	77.8	
89	56.8	50.7	76.1	





#51

Acenaphthene

Concen: 28.38 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

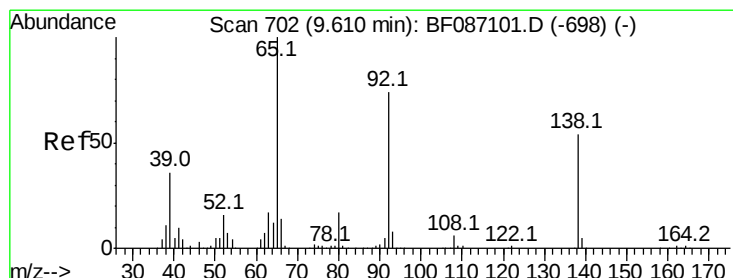
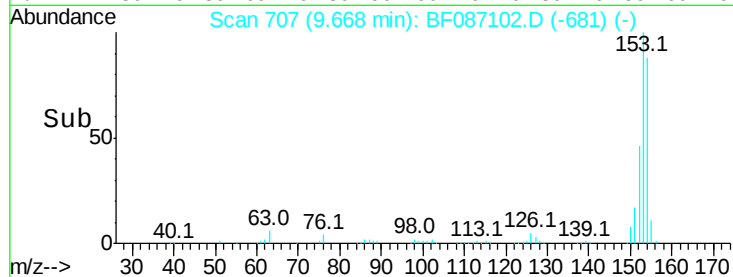
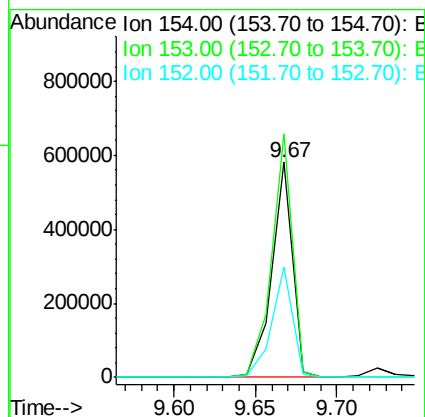
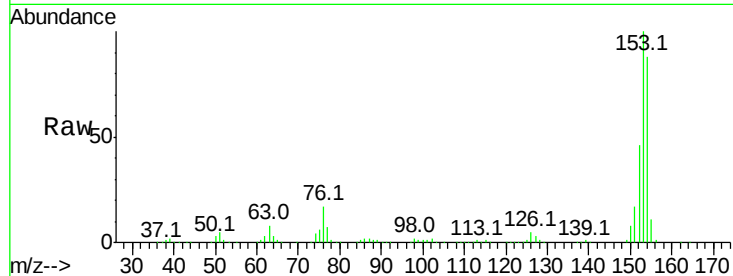
ClientSampleId :

SSTDIC025

Tot Ion:	154	Resp:	517880
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.8	134.6
152	51.6	43.4	65.0

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#52

3-Nitroaniline

Concen: 28.41 ng

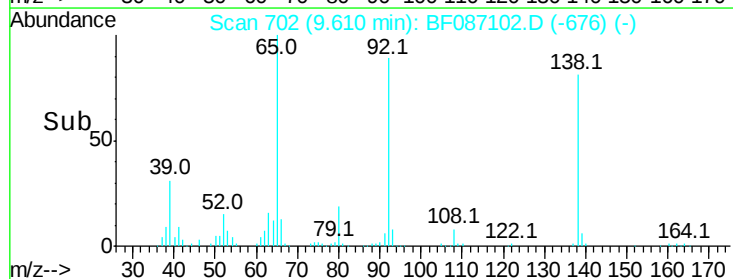
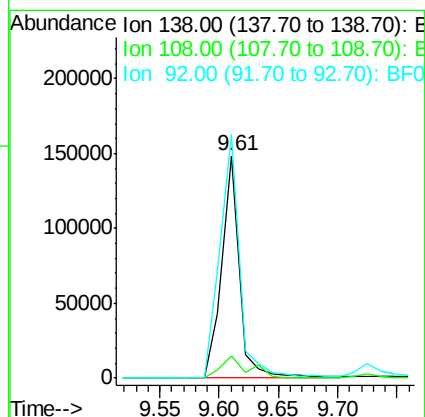
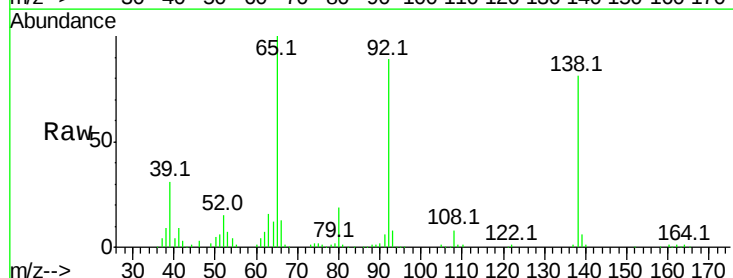
RT: 9.61 min Scan# 702

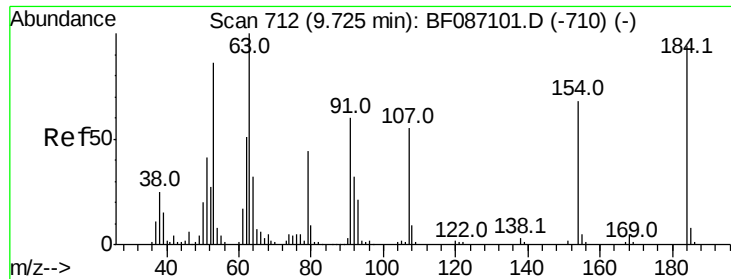
Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	138	Resp:	153691
Ion Ratio	Lower	Upper	
138	100		
108	9.8	7.8	11.6
92	109.6	87.8	131.8





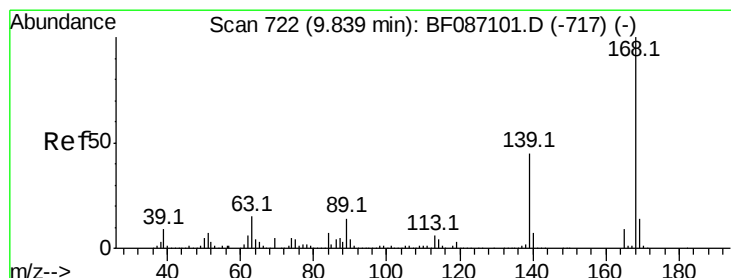
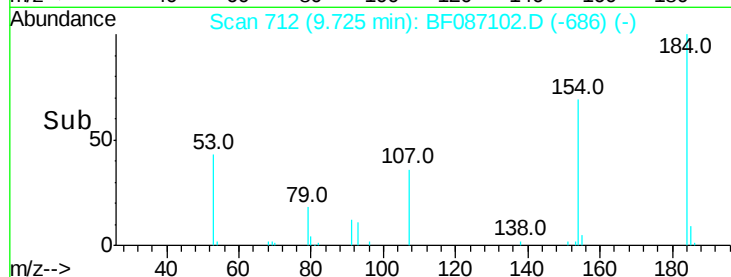
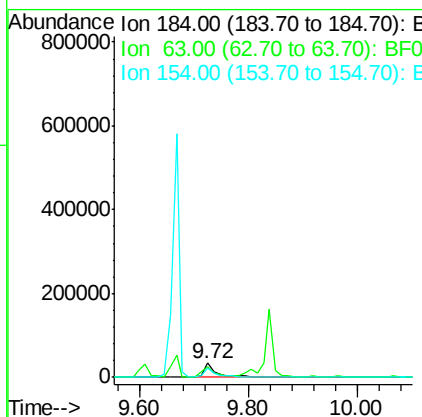
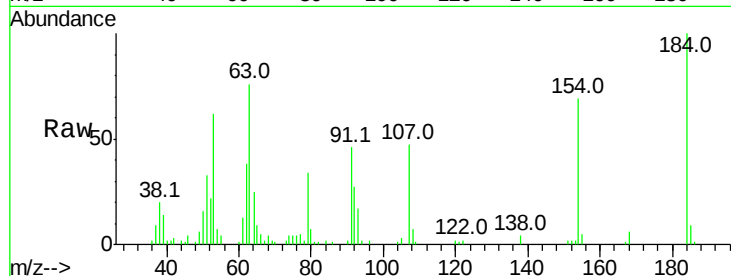
#53
 2,4-Dinitrophenol
 Concen: 27.36 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
184	100	58514		
63	76.1	55.8	83.8	
154	69.1	62.4	93.6	

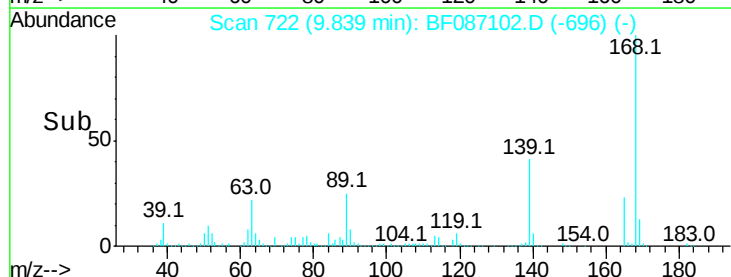
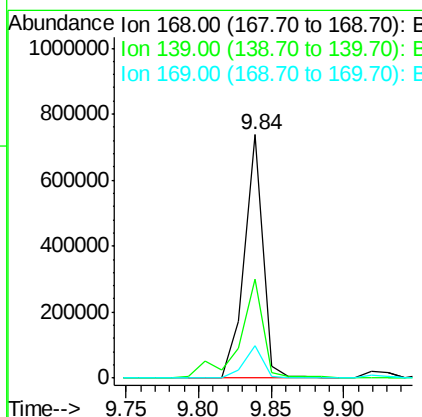
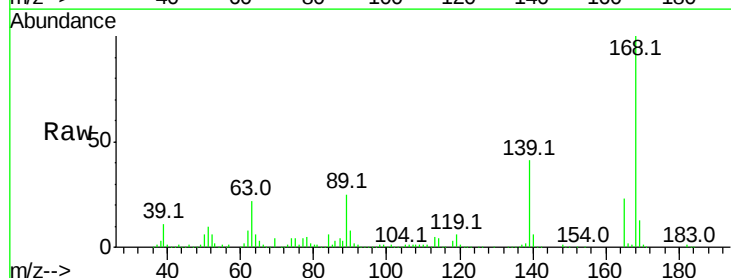
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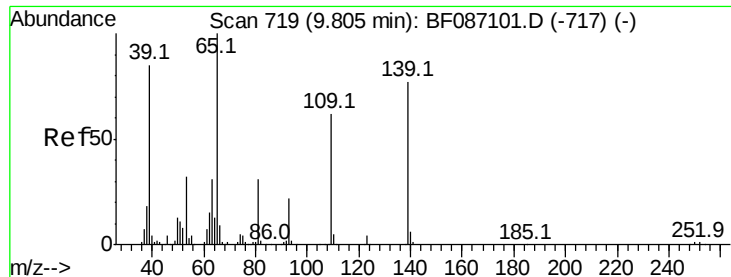
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#54
 Dibenzofuran
 Concen: 28.12 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	658594		
139	40.9	31.4	47.0	
169	13.3	10.7	16.1	





#55

4-Nitrophenol

Concen: 17.61 ng/mL

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

ClientSampled :

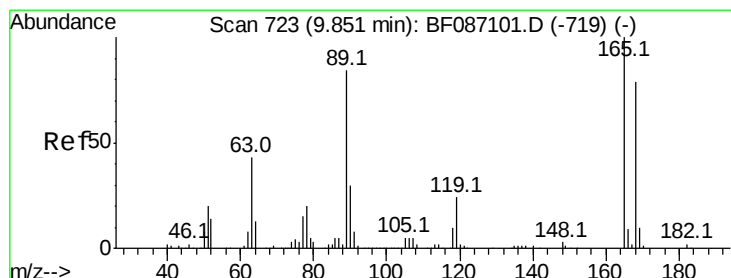
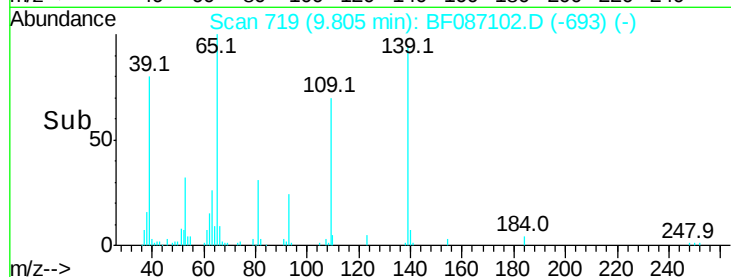
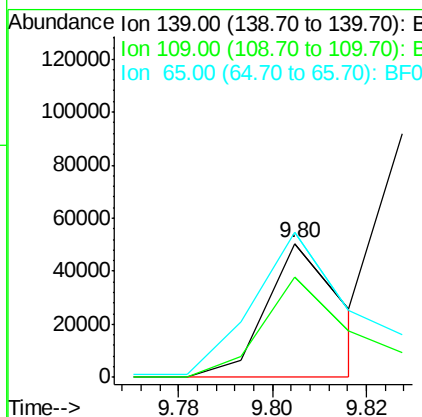
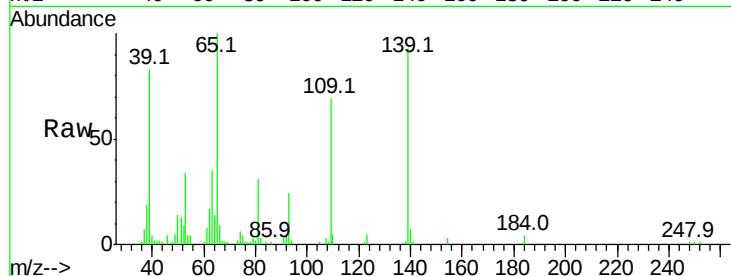
SSTDIC025

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Tot Ion:	139	Resp:	56666
Ion Ratio	Lower	Upper	
139	100		
109	74.7	36.9	76.9
65	107.8	64.0	104.0



#56

2,4-Dinitrotoluene

Concen: 24.66 ng/mL

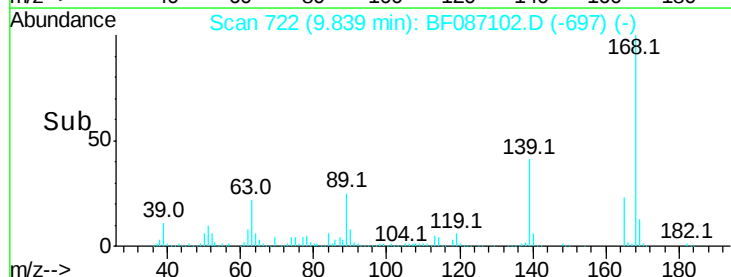
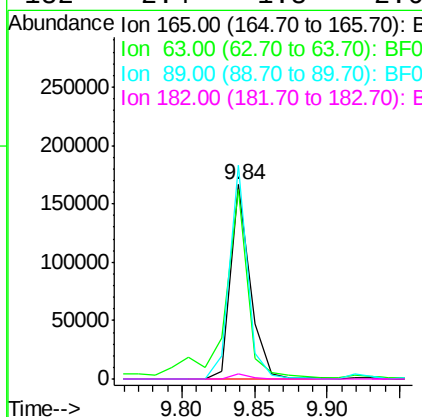
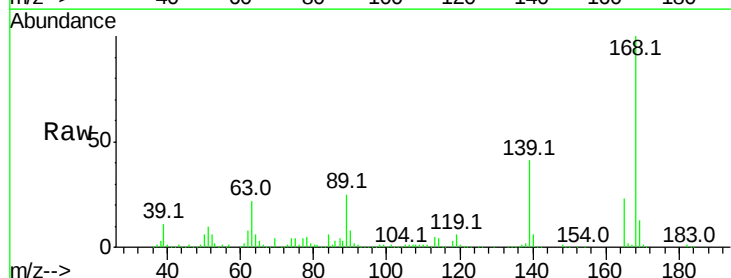
RT: 9.84 min Scan# 722

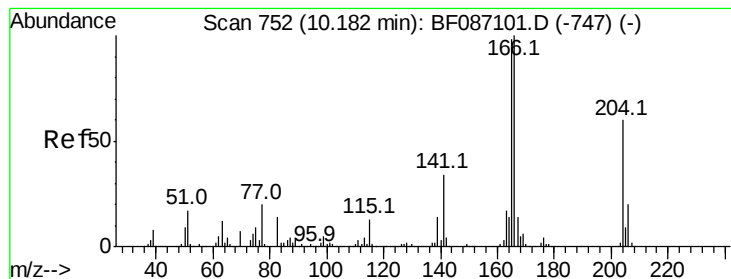
Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	165	Resp:	156792
Ion Ratio	Lower	Upper	
165	100		
63	97.5	44.3	66.5
89	109.8	70.0	105.0
182	2.4	1.8	2.6





#57

Fluorene

Concen: 28.85 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:166 Resp: 576286

Ion Ratio Lower Upper

166 100

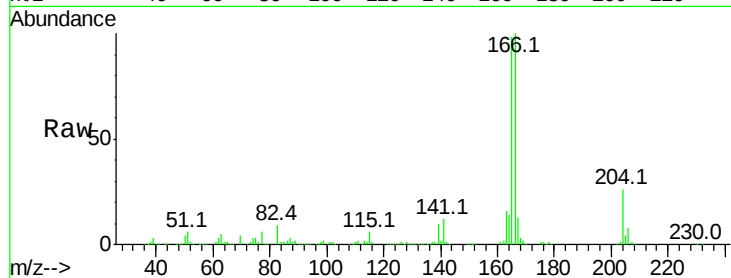
165 98.1 79.0 118.6

167 13.2 10.6 15.8

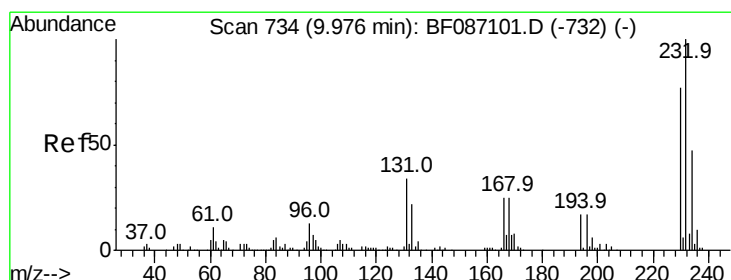
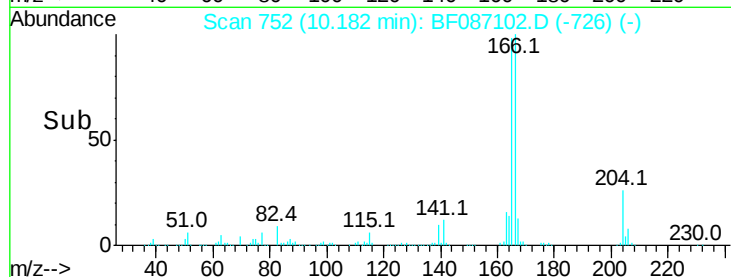
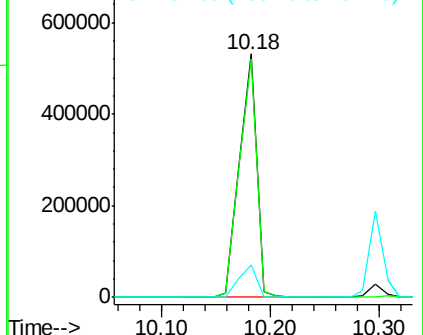
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.04 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:232 Resp: 121294

Ion Ratio Lower Upper

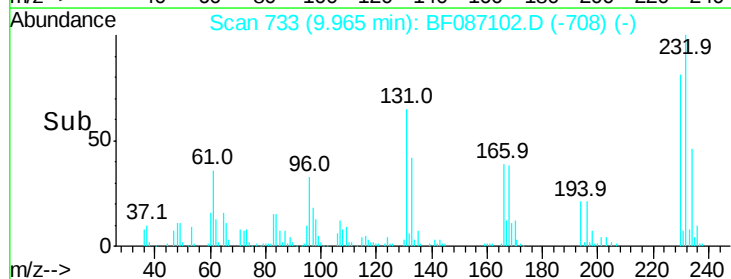
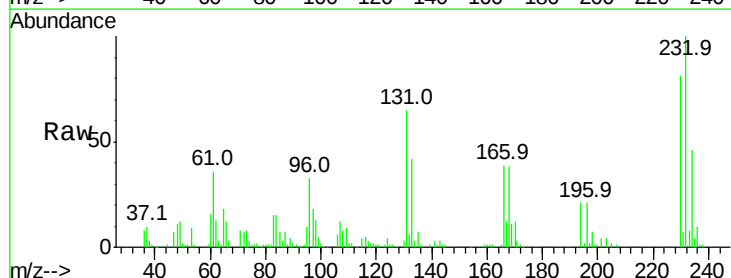
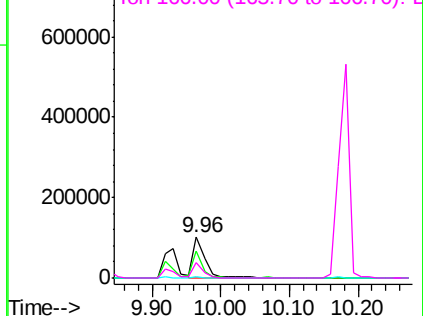
232 100

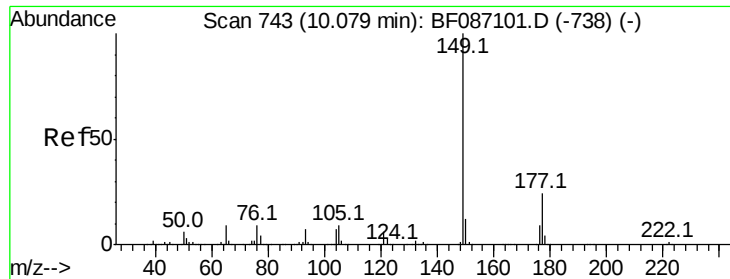
131 54.3 41.9 62.9

130 2.4 2.2 3.4

166 33.0 26.8 40.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





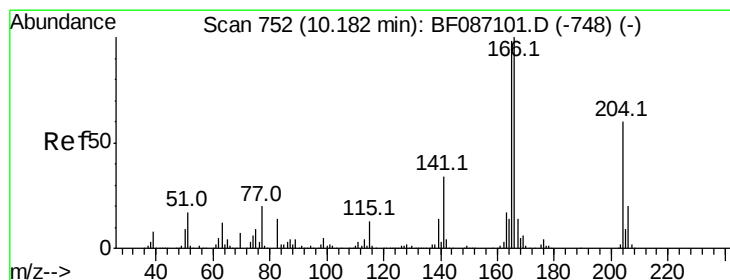
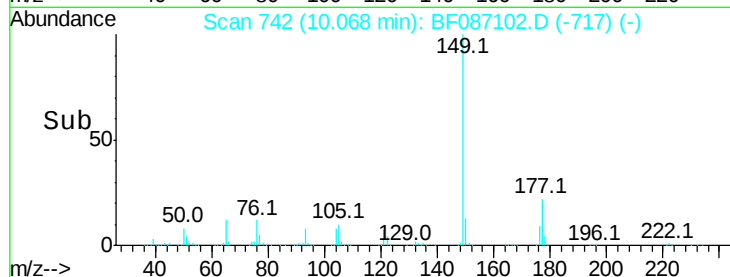
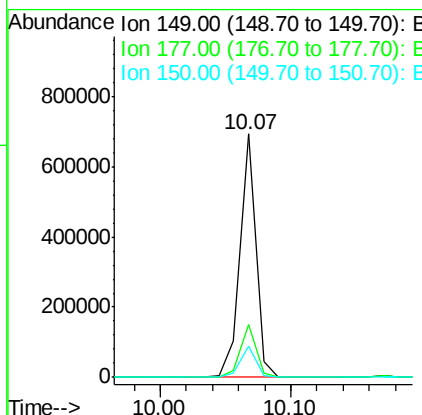
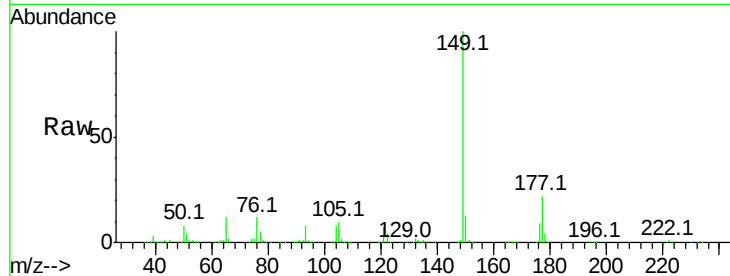
#59
Diethylphthalate
Concen: 24.56 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
149	100	584335		
177	21.7	16.6	24.8	
150	12.8	10.0	15.0	

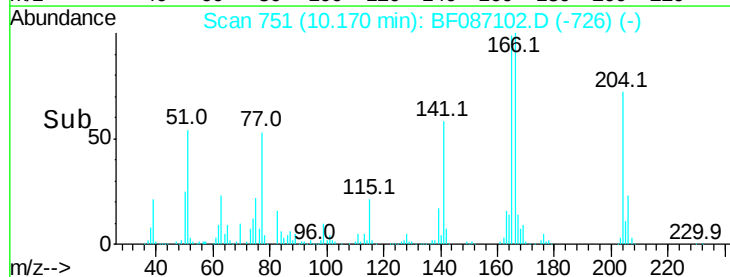
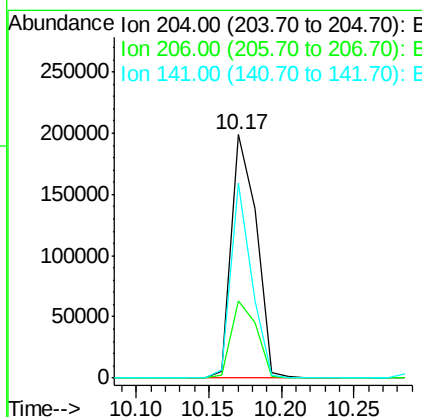
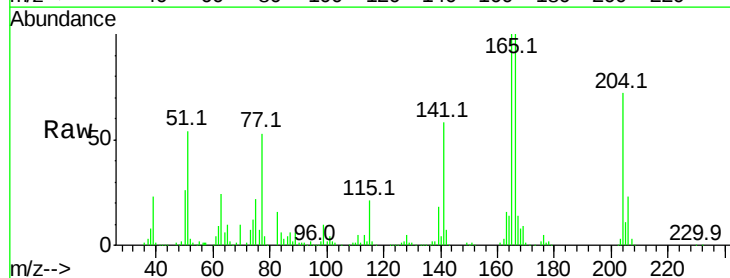
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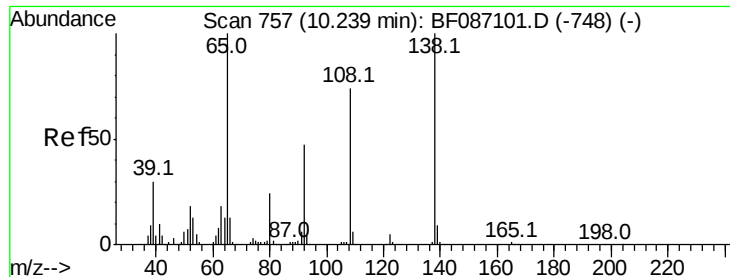
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#60
4-Chlorophenyl-phenylether
Concen: 23.57 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	239567		
206	31.6	25.4	38.0	
141	80.3	61.6	92.4	





#61

4-Nitroaniline

Concen: 27.58 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

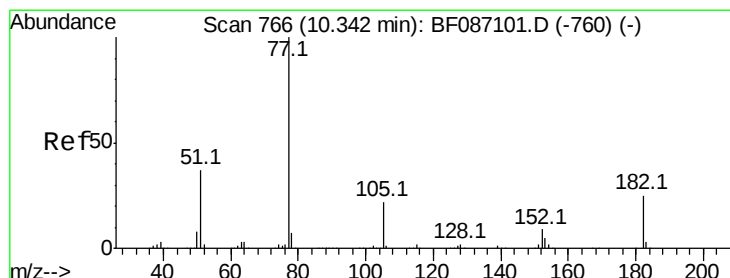
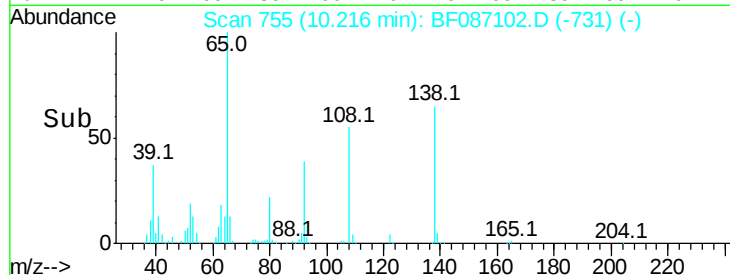
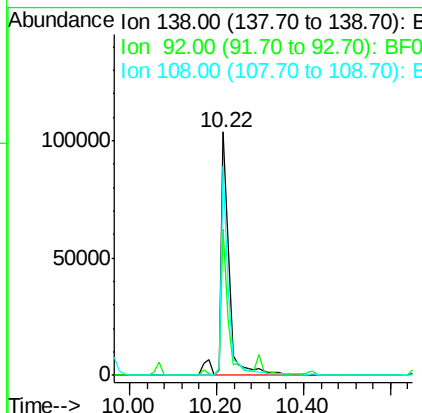
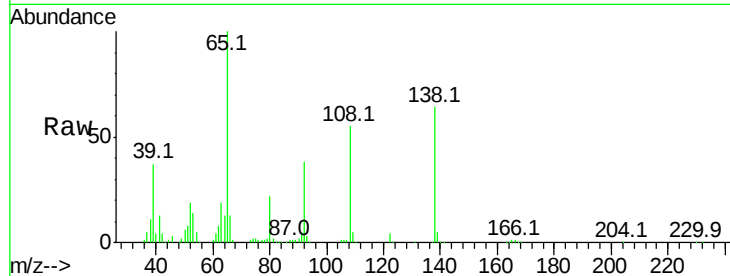
ClientSampleId :

SSTDICC025

Tot Ion:	138	Resp:	143300
Ion Ratio	Lower	Upper	
138	100		
92	60.3	24.7	64.7
108	86.0	37.4	77.4#

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#62

Azobenzene

Concen: 24.84 ng

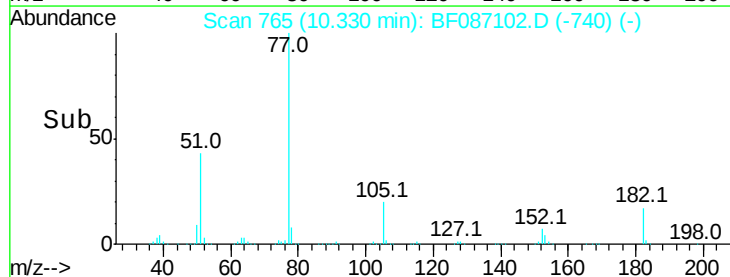
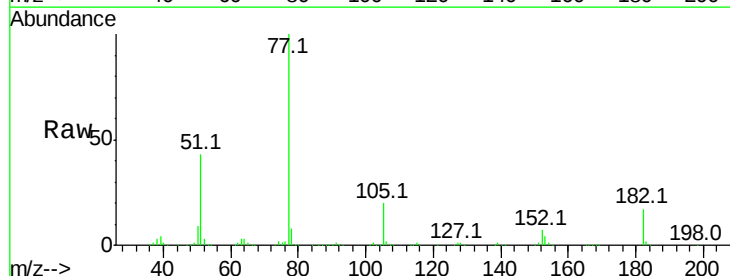
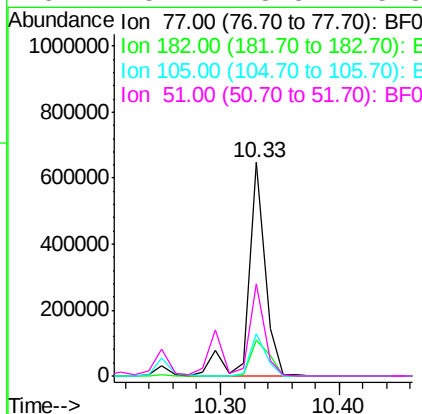
RT: 10.33 min Scan# 765

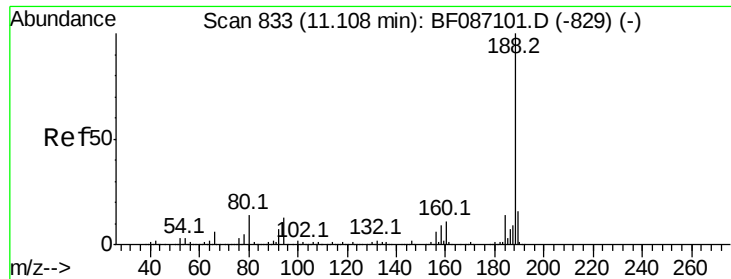
Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	77	Resp:	637545
Ion Ratio	Lower	Upper	
77	100		
182	16.5	0.0	38.8
105	20.0	3.2	43.2
51	43.4	8.8	48.8





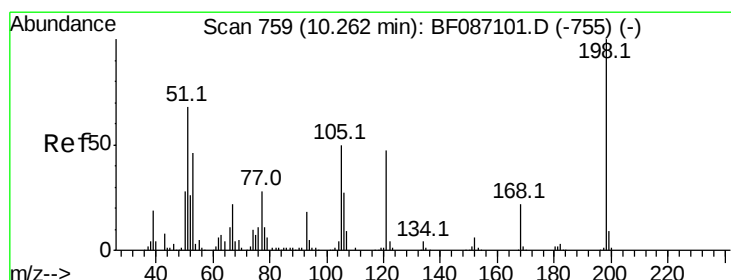
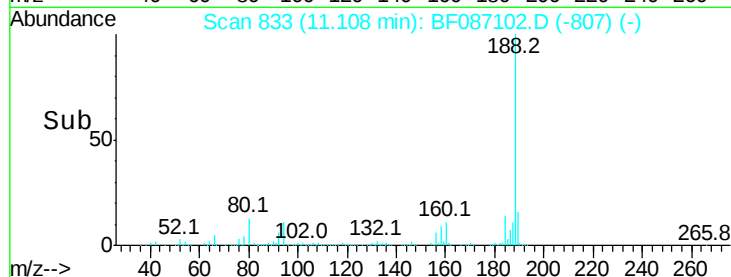
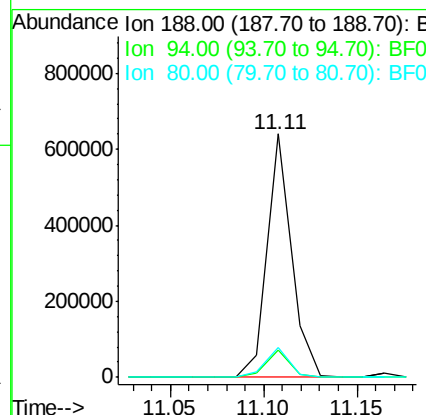
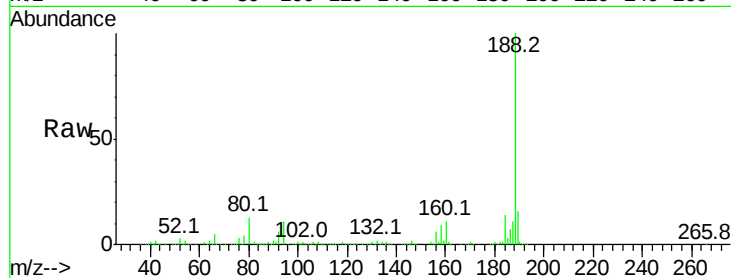
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
188	100	577777		
94	11.4		6.8	10.2#
80	12.5		7.1	10.7#

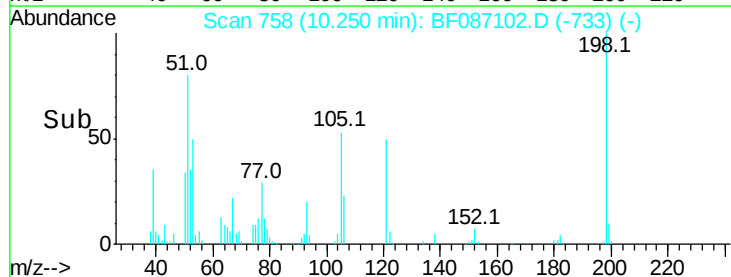
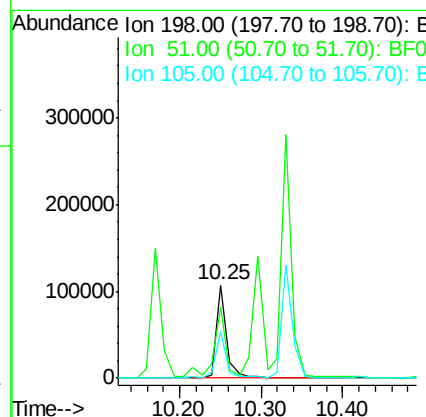
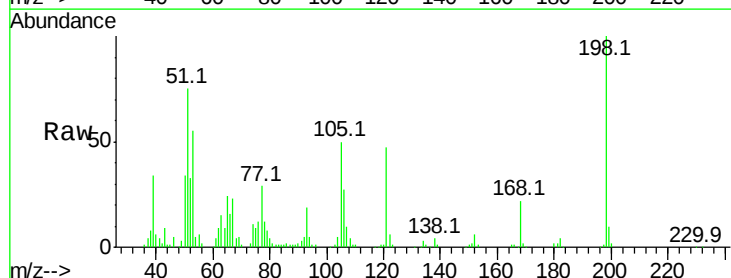
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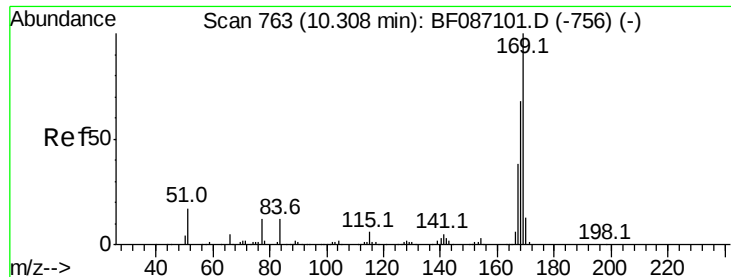
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#64
4,6-Dinitro-2-methylphenol
Concen: 27.49 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	98675		
51	75.5		20.5	60.5#
105	49.6		24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 25.09 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

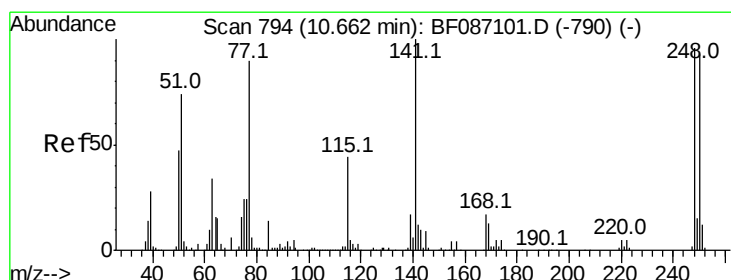
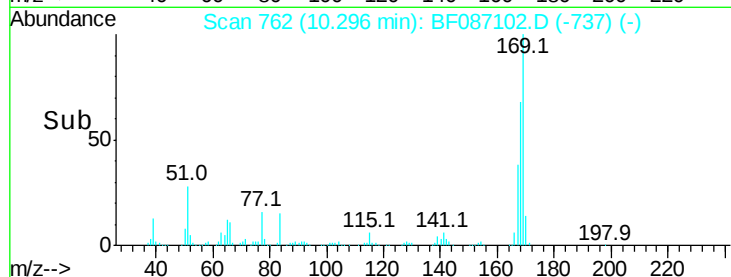
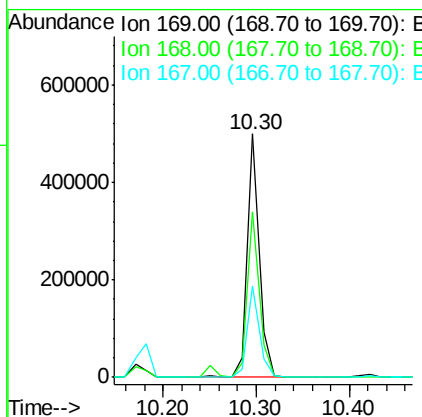
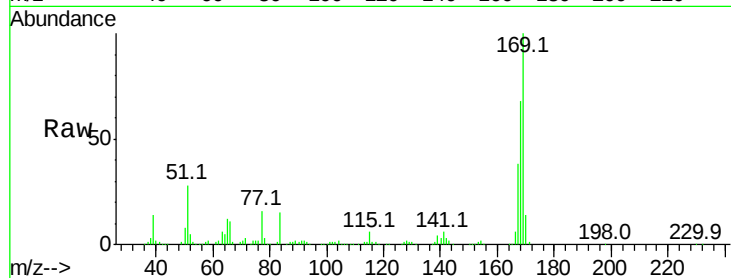
ClientSampleId :

SSTDIC025

Tot Ion:	169	Resp:	445391
Ion Ratio	Lower	Upper	
169	100		
168	67.9	53.8	80.6
167	37.7	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 26.92 ng

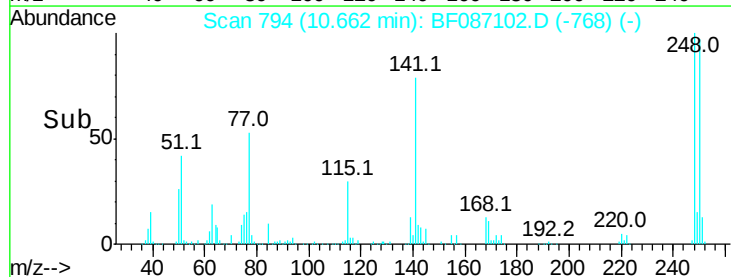
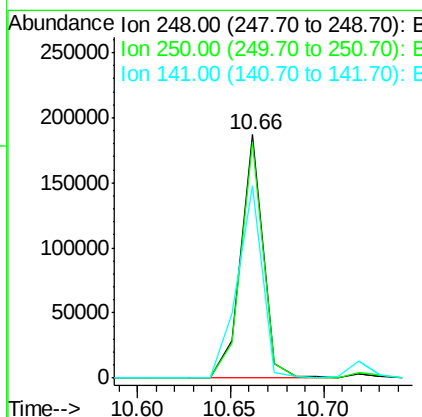
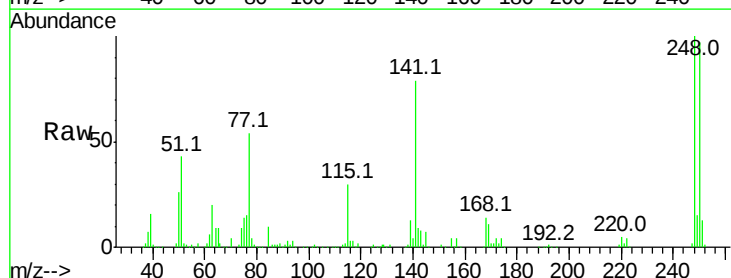
RT: 10.66 min Scan# 794

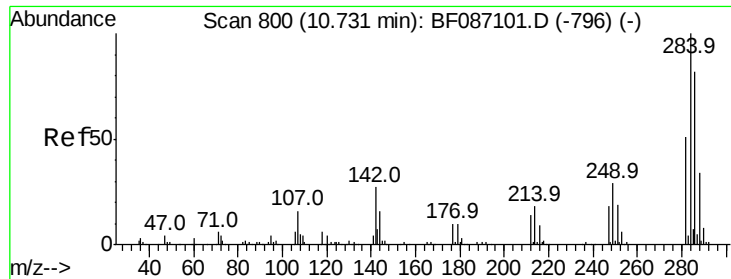
Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	248	Resp:	157674
Ion Ratio	Lower	Upper	
248	100		
250	96.6	78.6	117.8
141	79.0	76.0	114.0





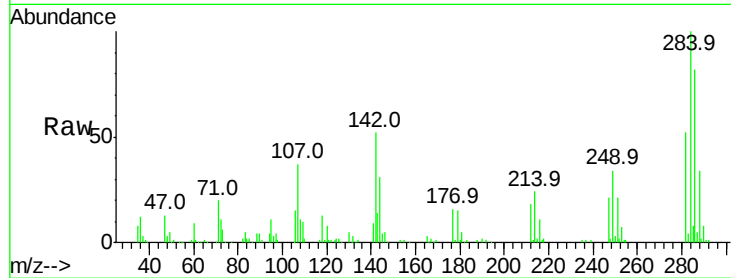
#67
Hexachlorobenzene
Concen: 25.21 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

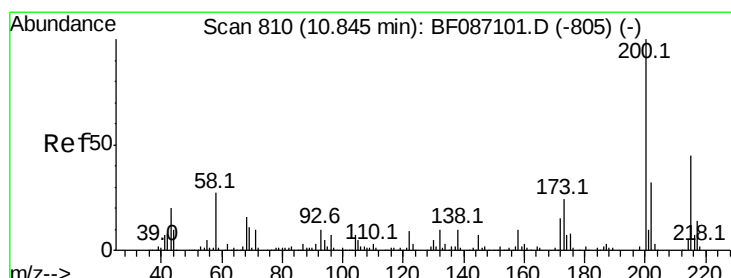
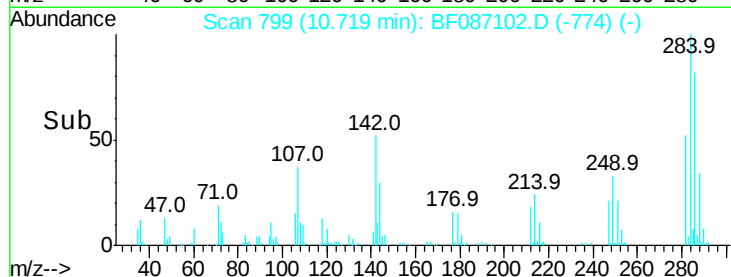
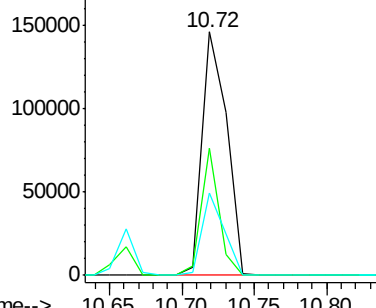
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	52.2	16.7	25.1#
249	33.7	21.3	31.9#

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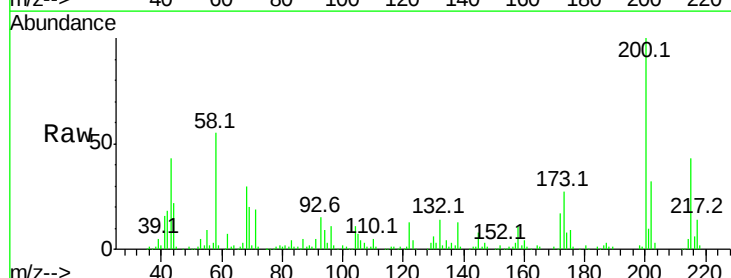


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

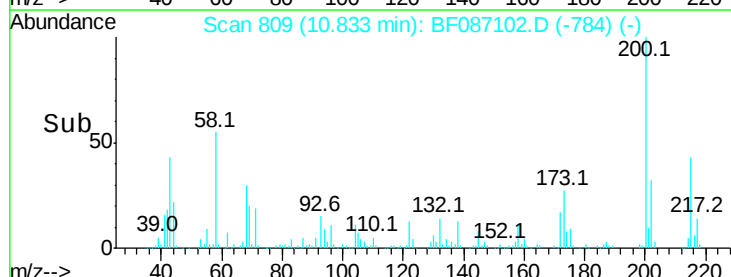
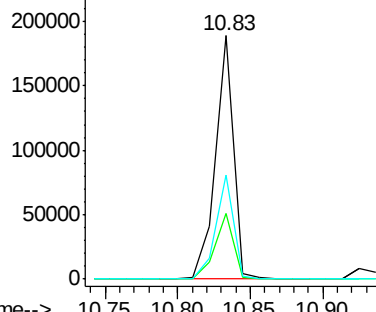


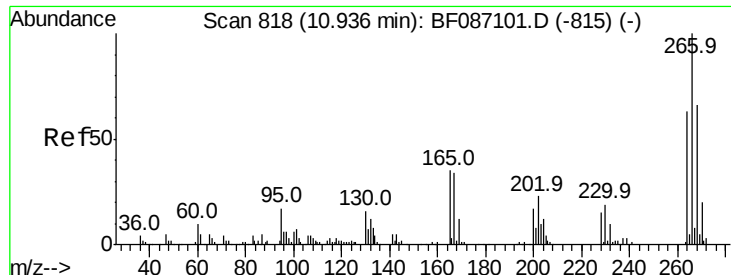
#68
Atrazine
Concen: 27.45 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	8.5	48.5
215	42.9	27.2	67.2



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





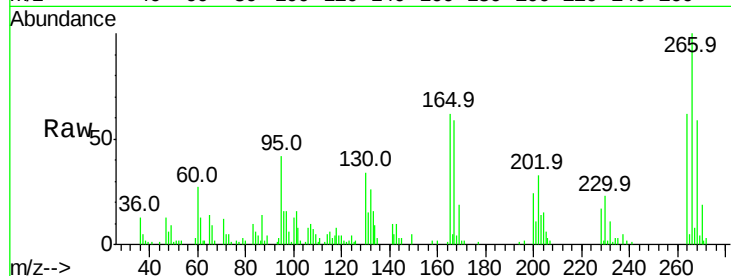
#69
 Pentachlorophenol
 Concen: 19.99 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

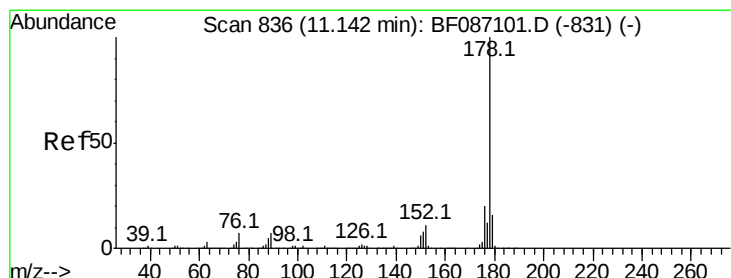
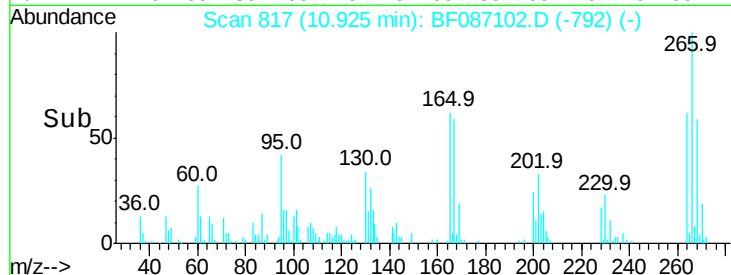
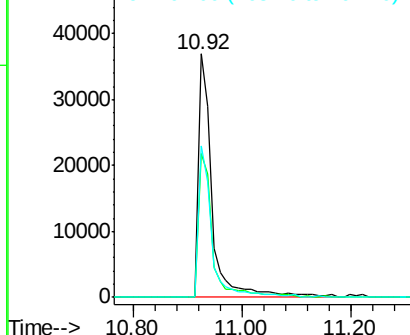
Tot Ion:	266	Resp:	63259
Ion Ratio	Lower	Upper	
266	100		
268	59.0	51.5	77.3
264	62.1	52.9	79.3

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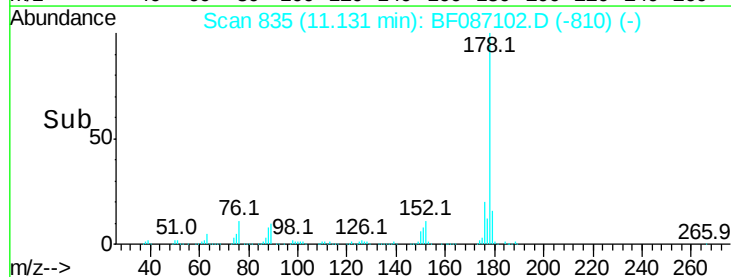
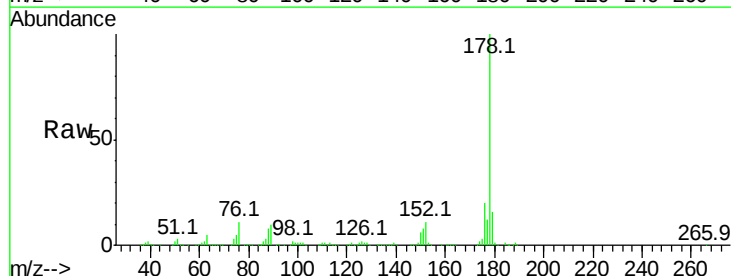
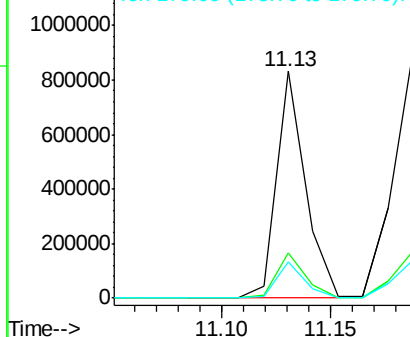
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

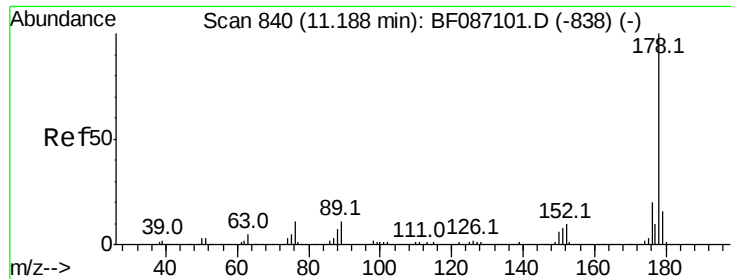


#70
 Phenanthrene
 Concen: 25.15 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Tgt Ion:	178	Resp:	775586
Ion Ratio	Lower	Upper	
178	100		
176	19.8	16.0	24.0
179	15.9	12.6	18.8

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





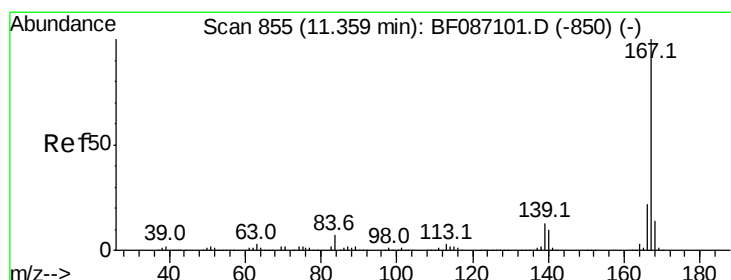
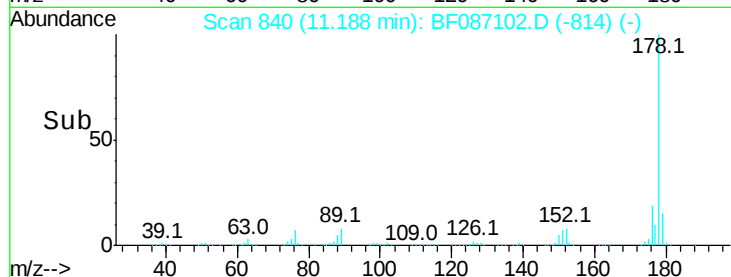
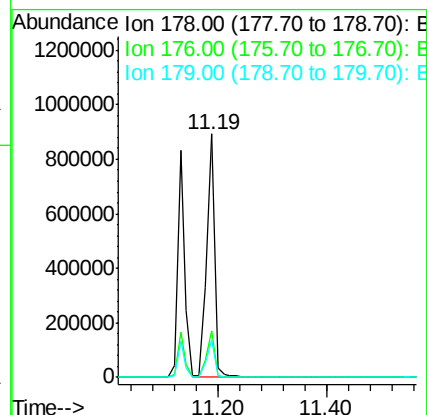
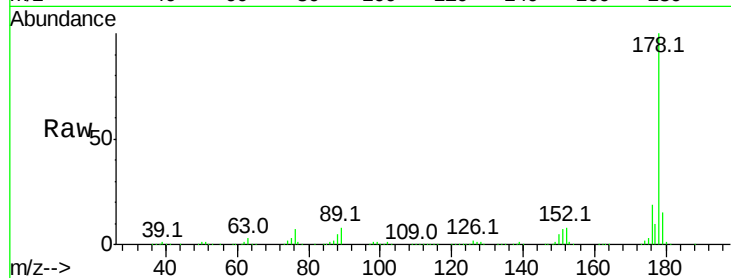
#71
 Anthracene
 Concen: 28.19 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.3	12.7	19.1

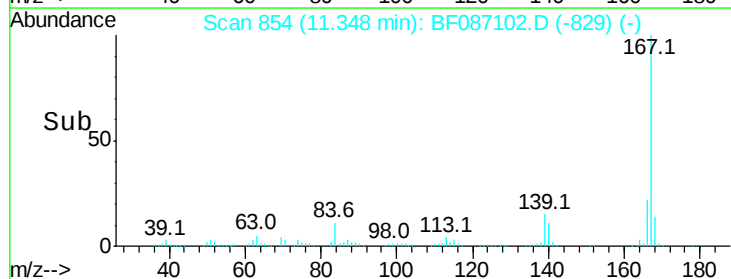
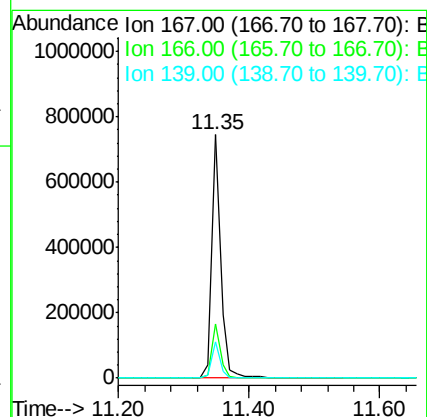
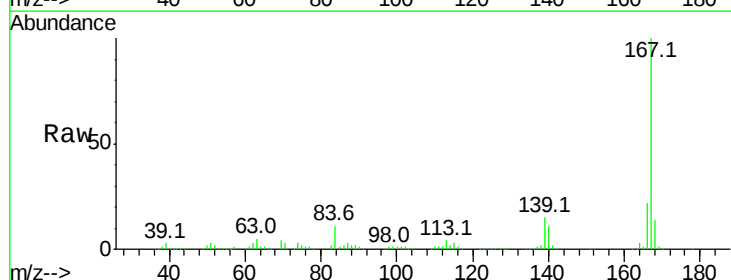
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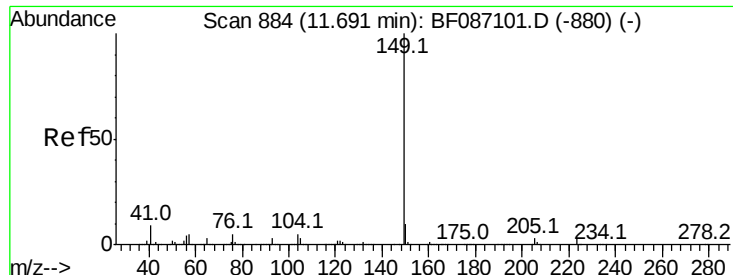
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#72
 Carbazole
 Concen: 26.46 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	14.7	10.8	16.2





#73

Di-n-butylphthalate

Concen: 25.77 ng

RT: 11.68 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

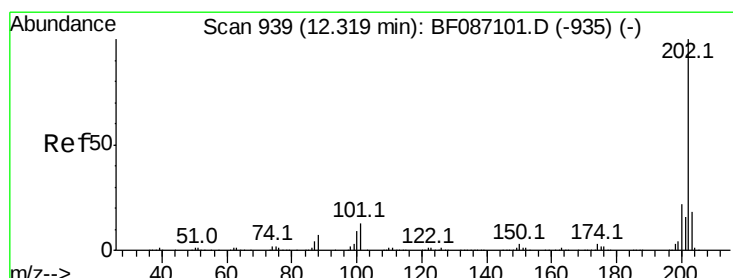
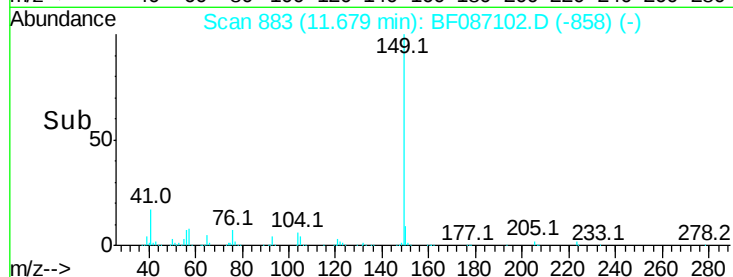
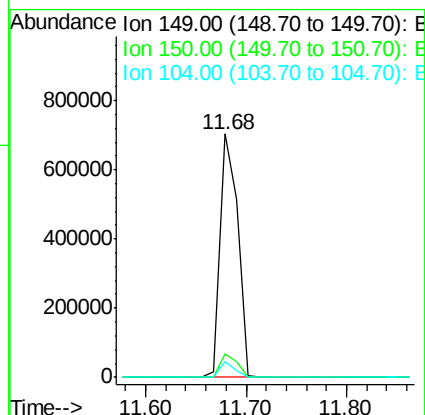
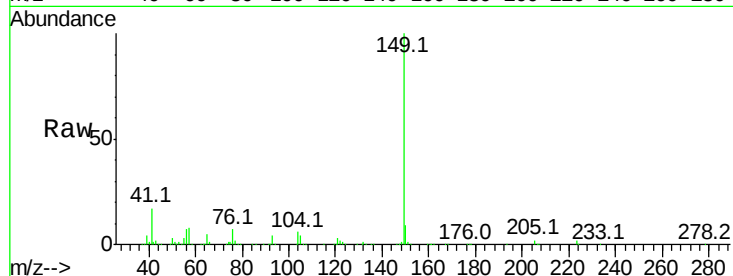
ClientSampleId :

SSTDIC025

Tot Ion:	149	Resp:	852996
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	6.4	3.8	5.6#

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#74

Fluoranthene

Concen: 27.32 ng

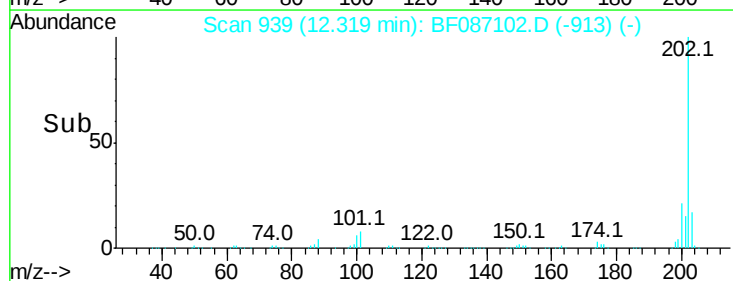
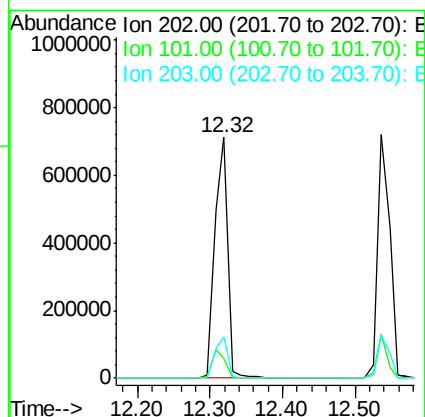
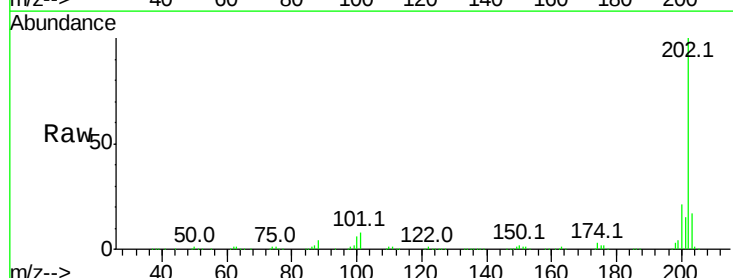
RT: 12.32 min Scan# 939

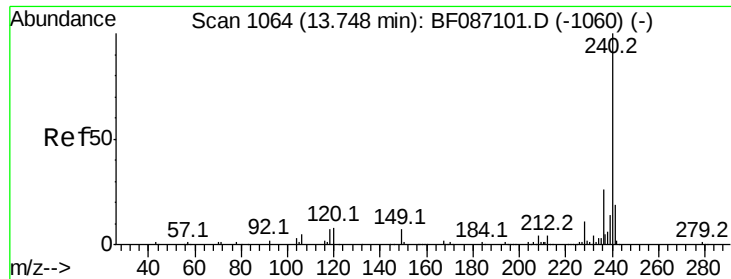
Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	202	Resp:	866449
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	35.4
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

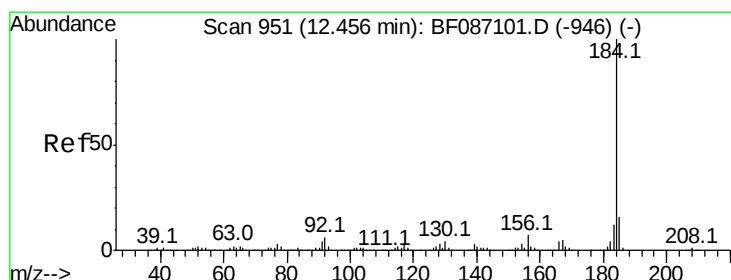
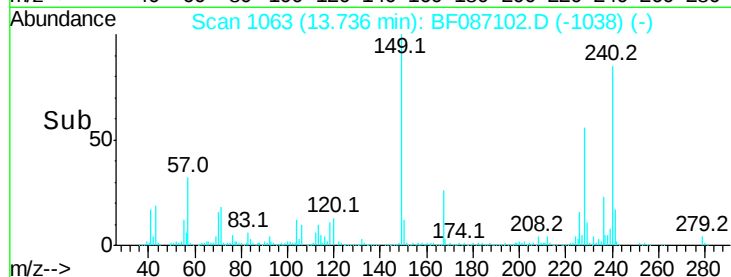
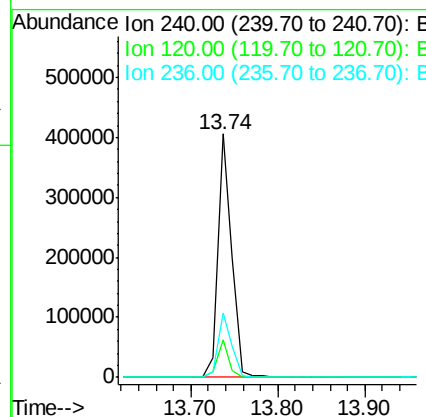
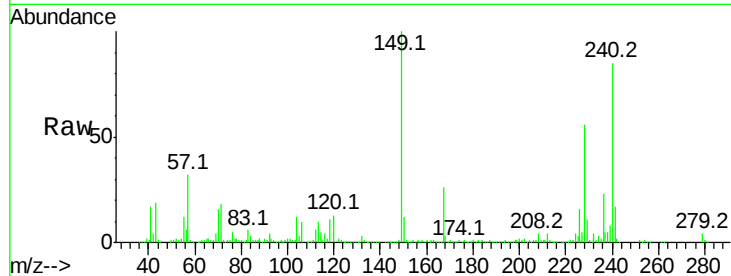
ClientSampleId :

SSTDICC025

Tot Ion:	240	Resp:	450360
Ion Ratio	Lower	Upper	
240	100		
120	15.6	11.2	16.8
236	26.6	21.2	31.8

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#76

Benzidine

Concen: 29.66 ng

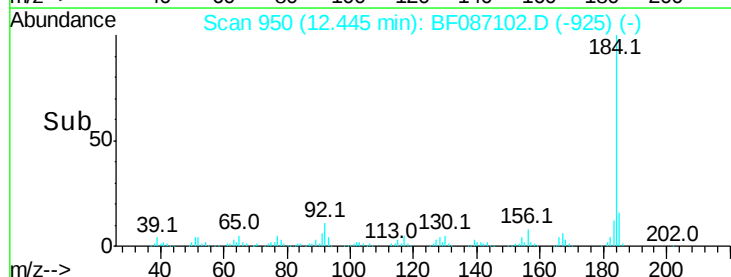
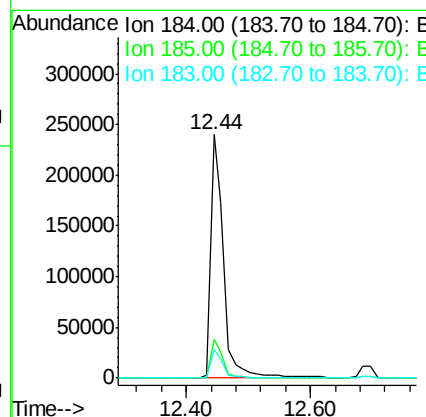
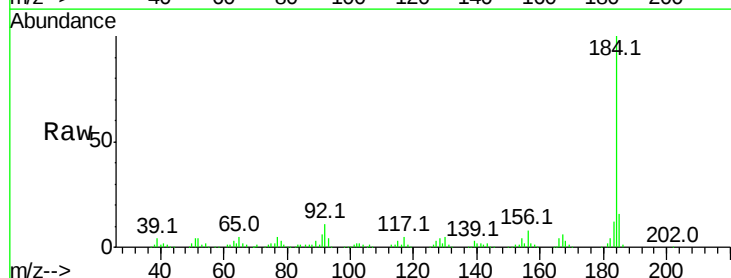
RT: 12.44 min Scan# 950

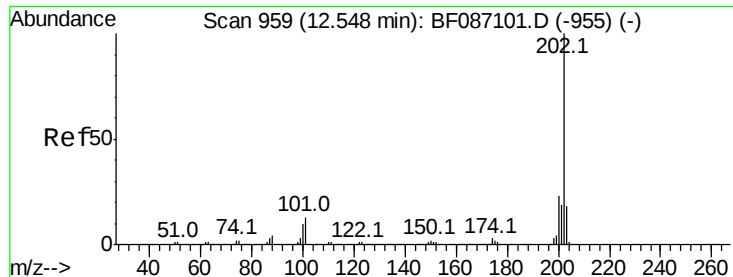
Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	184	Resp:	340528
Ion Ratio	Lower	Upper	
184	100		
185	15.9	13.6	20.4
183	11.5	9.8	14.6





#77

Pvrene

Concen: 24.33 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

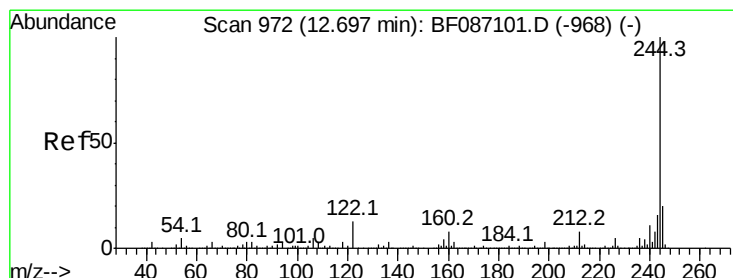
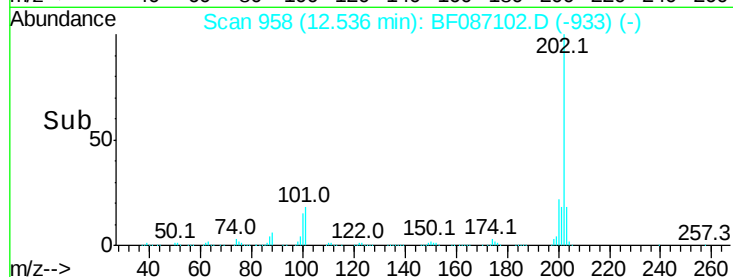
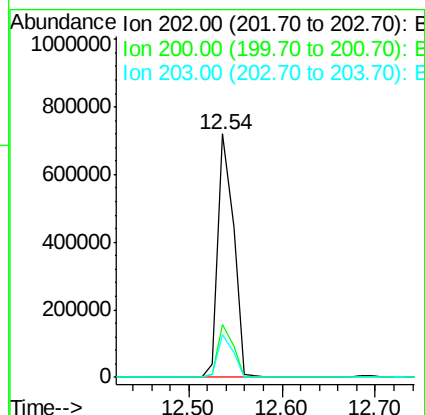
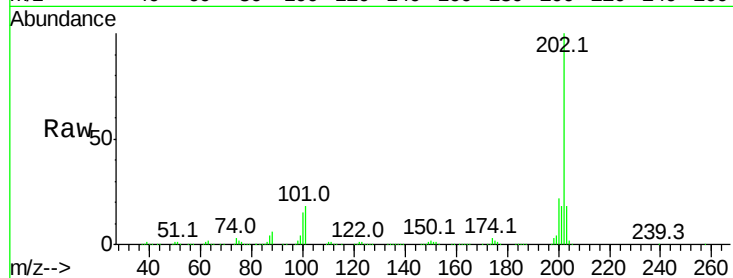
ClientSampleId :

SSTDIC025

Tot Ion:	202	Resp:	839033
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.7	26.5
203	17.6	14.2	21.4

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#78

Terphenyl-d14

Concen: 50.96 ng

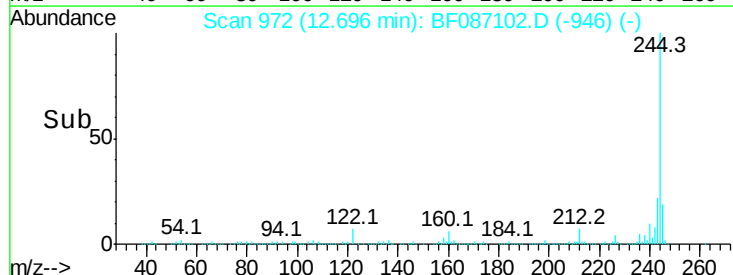
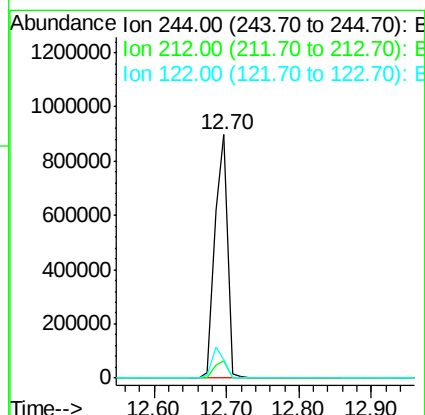
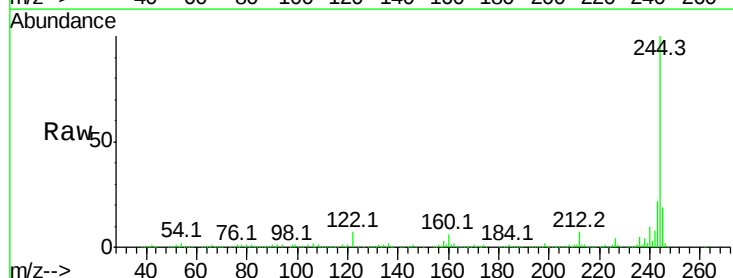
RT: 12.70 min Scan# 972

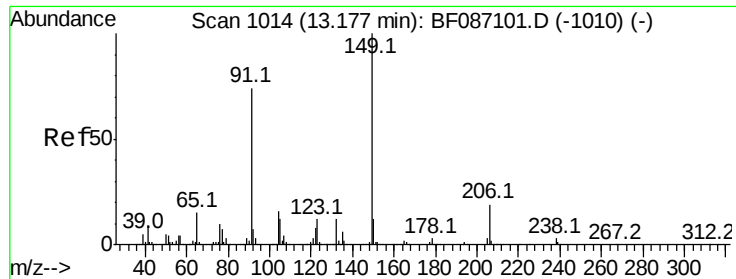
Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	244	Resp:	1081642
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.2	9.2
122	7.4	12.0	18.0#





#79

Butylbenzylphthalate

Concen: 25.67 ng

RT: 13.18 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

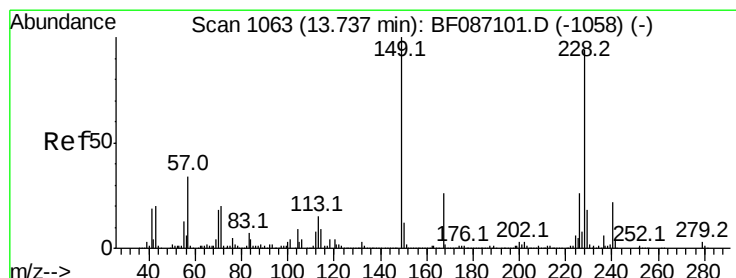
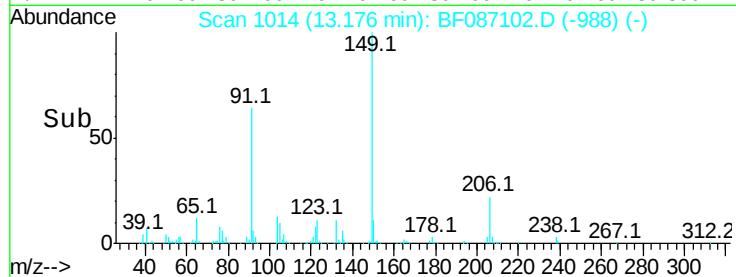
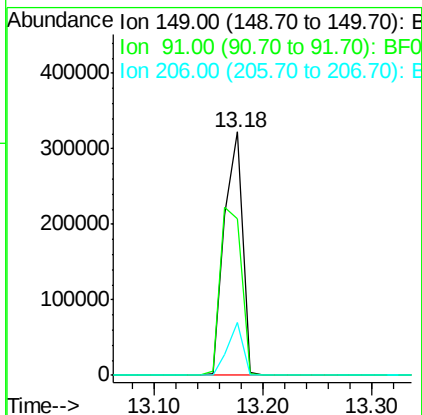
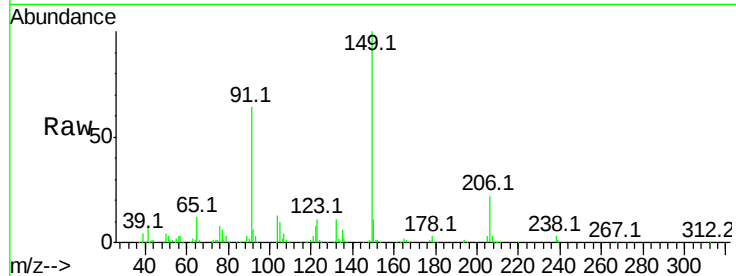
ClientSampleId :

SSTDIC025

Tot Ion:	149	Resp:	374436
Ion Ratio	Lower	Upper	
149	100		
91	64.3	48.0	72.0
206	21.7	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 27.36 ng

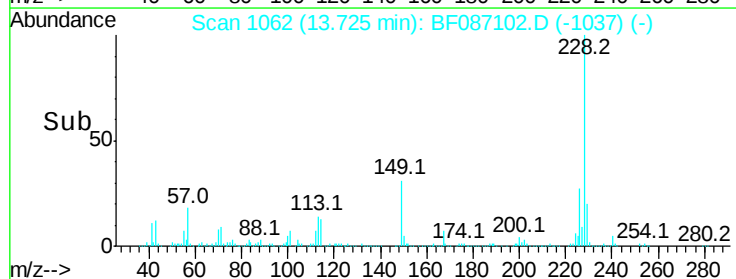
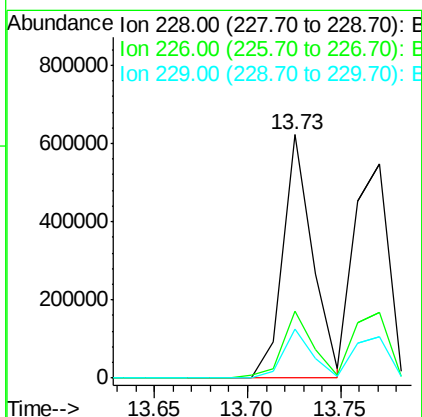
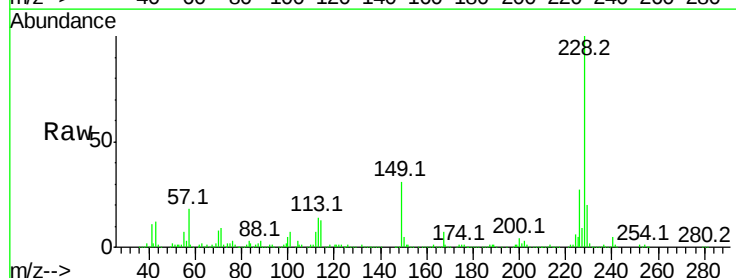
RT: 13.73 min Scan# 1062

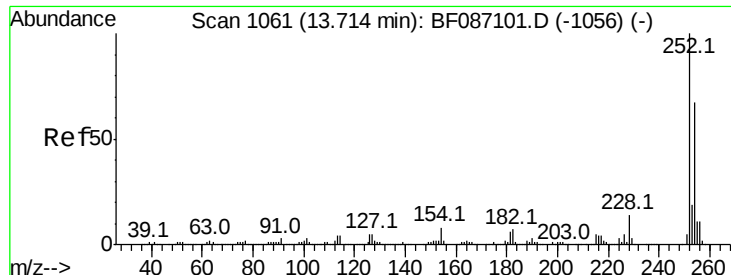
Delta R.T. -0.01 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	228	Resp:	691812
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.5	33.7
229	20.0	16.6	25.0





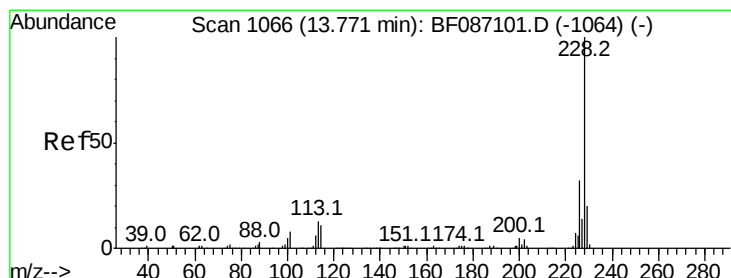
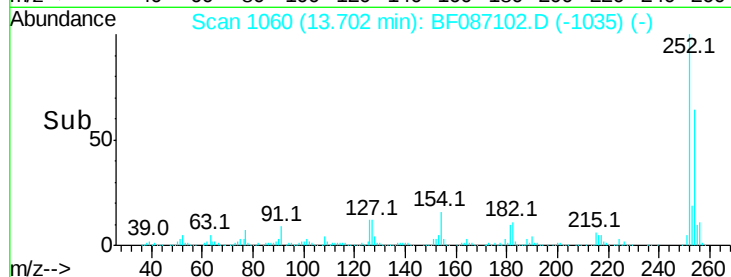
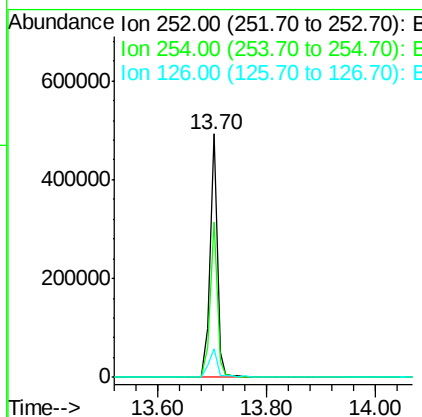
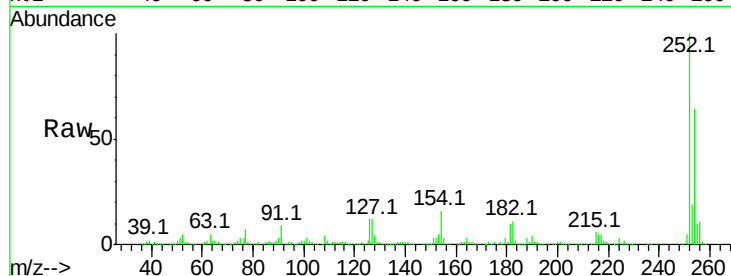
#81
 3,3'-Dichlorobenzidine
 Concen: 28.51 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
252	100	458033		
254	63.9	50.7	76.1	
126	12.0	12.7	19.1	

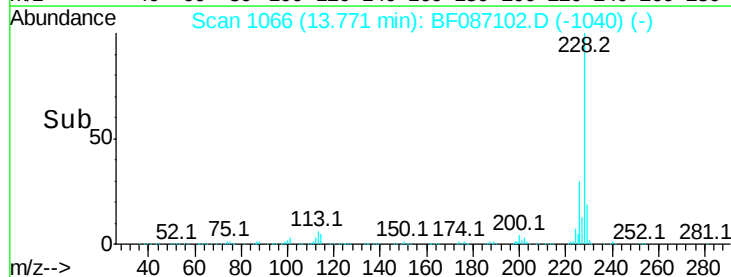
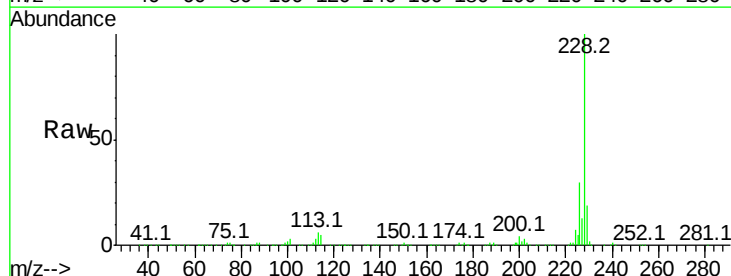
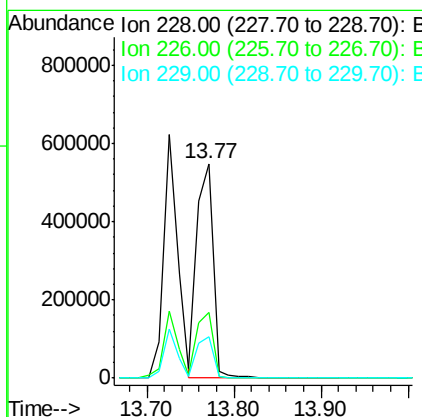
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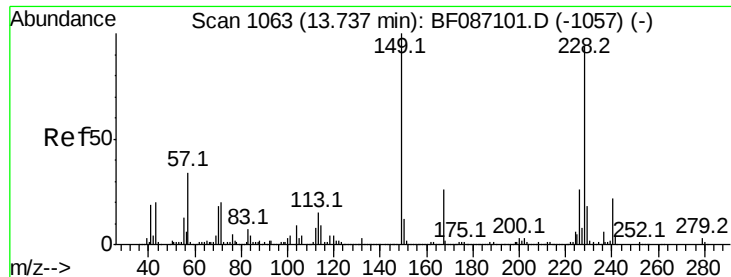
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#82
 Chrysene
 Concen: 27.65 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	711081		
226	30.4	24.4	36.6	
229	19.2	15.8	23.8	





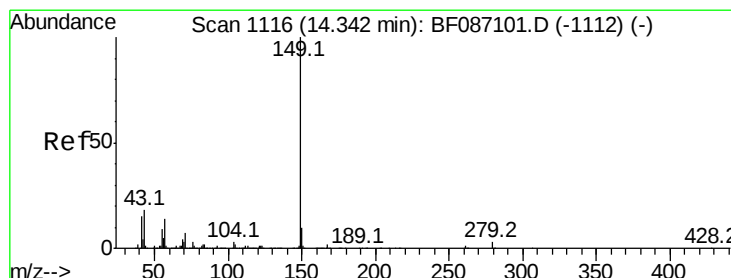
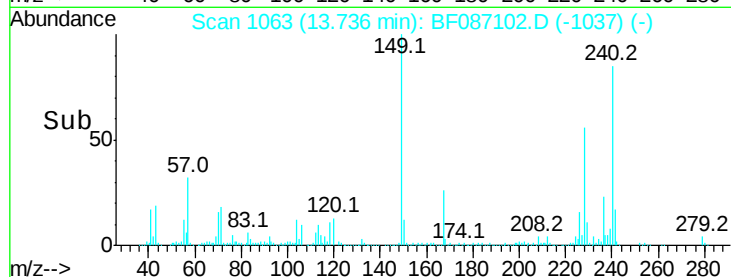
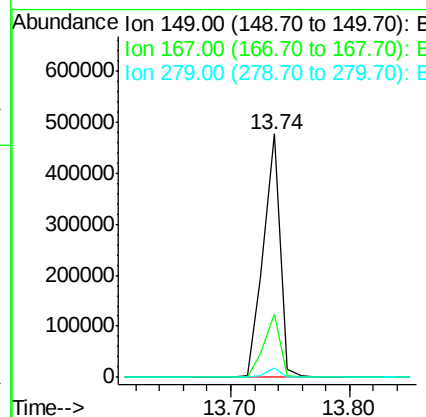
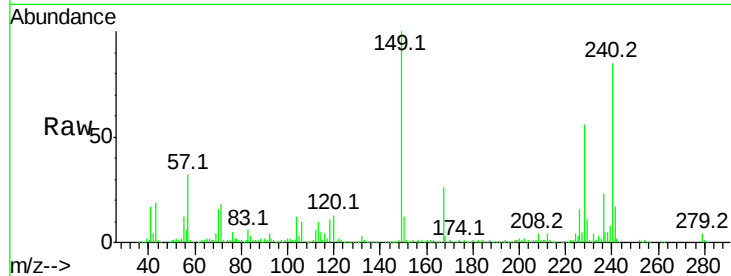
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.24 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
149	100	477929		
167	26.2		21.8	32.6
279	3.7		2.6	4.0

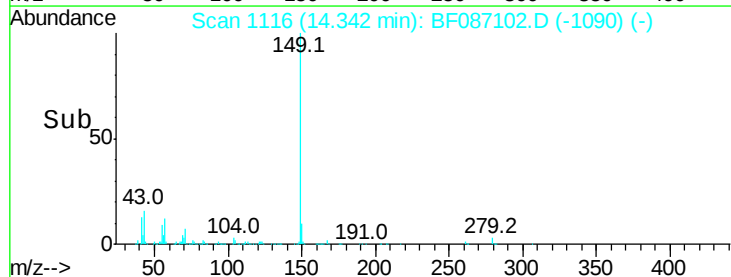
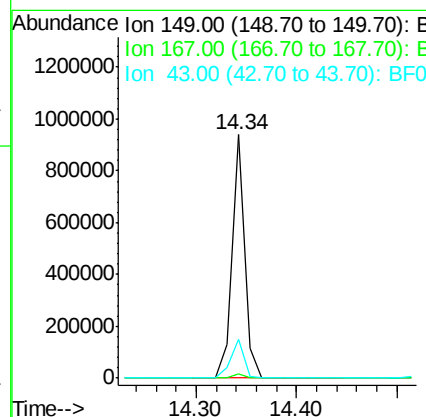
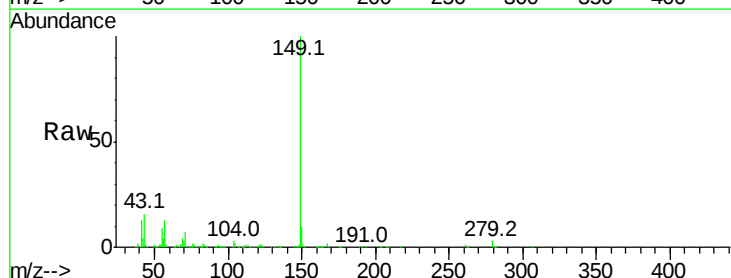
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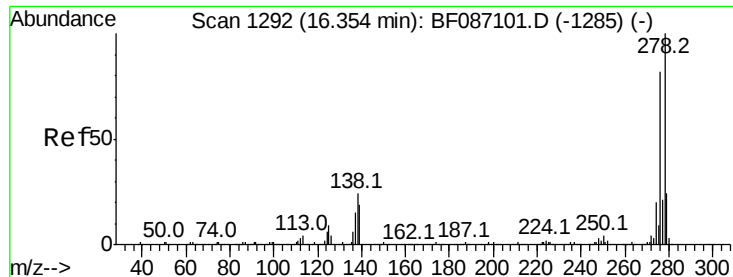
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#84
 Di-n-octyl phthalate
 Concen: 28.23 ng
 RT: 14.34 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	820326		
167	1.6		1.2	1.8
43	16.8		8.2	12.4#





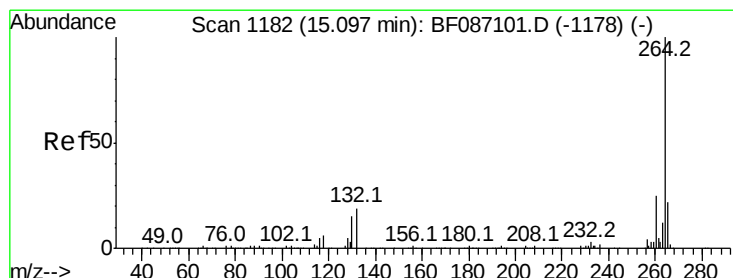
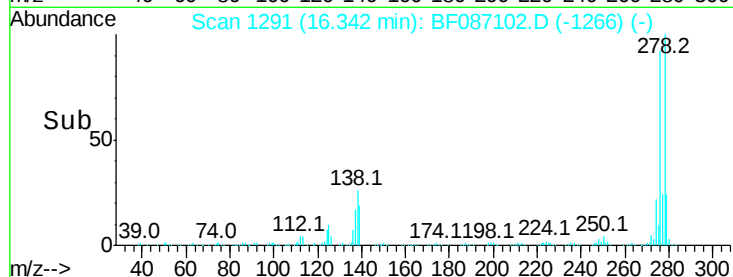
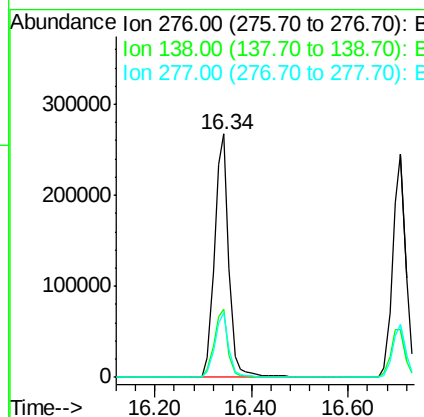
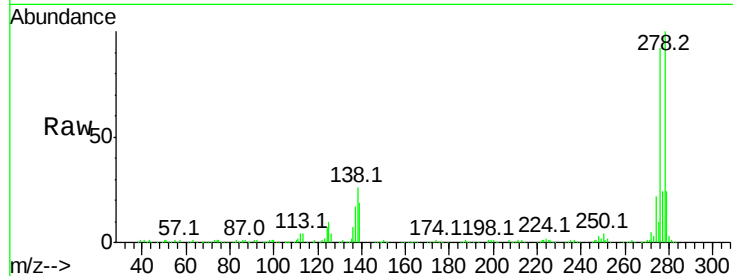
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.32 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
276	100	563186		
138	27.3	25.6	38.4	
277	25.8	20.5	30.7	

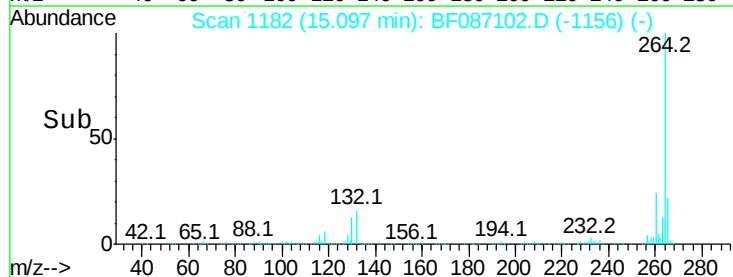
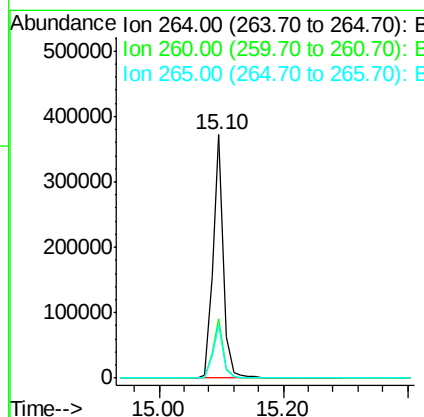
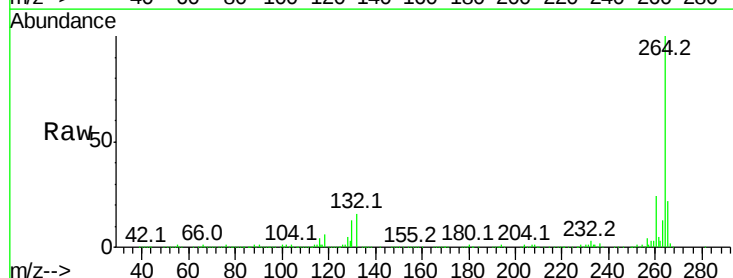
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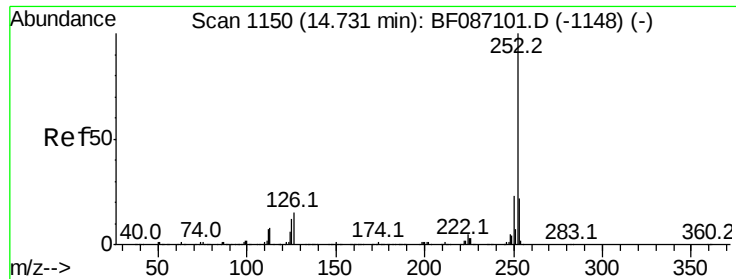
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	424841		
260	24.3	19.5	29.3	
265	21.6	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 25.07 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Instrument :

BNA_F

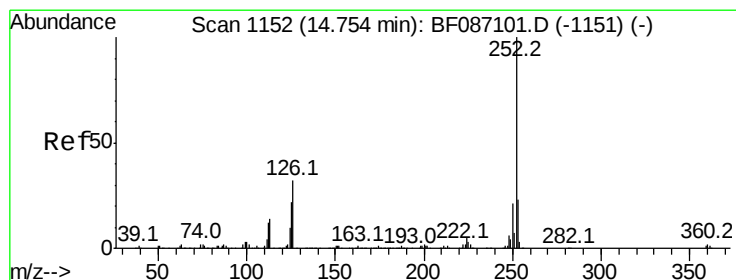
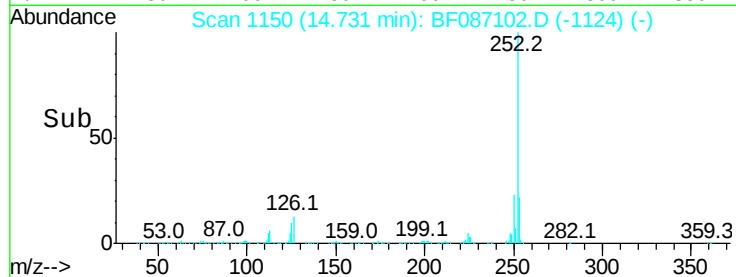
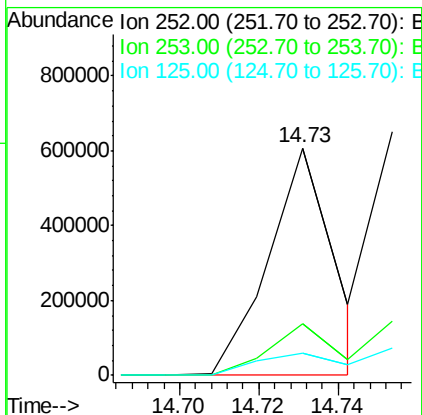
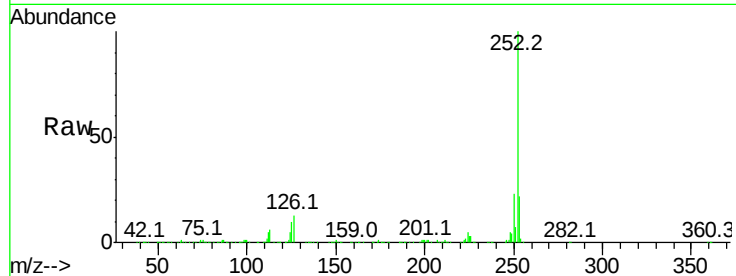
ClientSampleId :

SSTDIC025

Tot Ion:	252	Resp:	692309
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	9.5	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 25.23 ng m

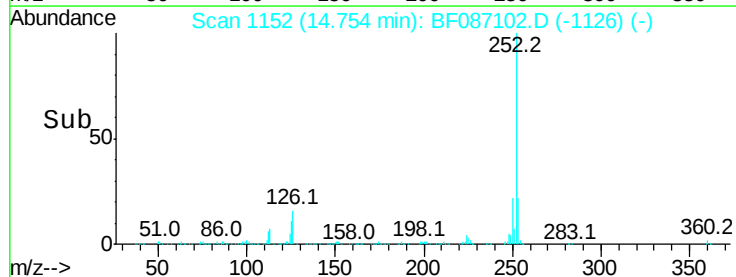
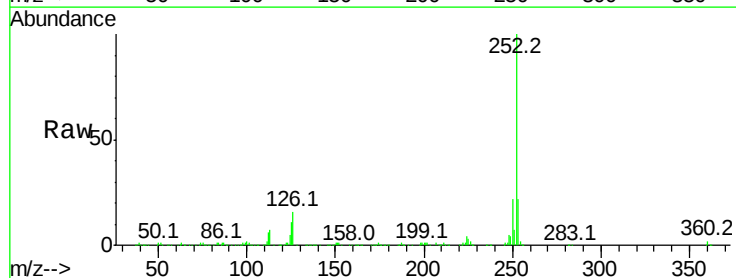
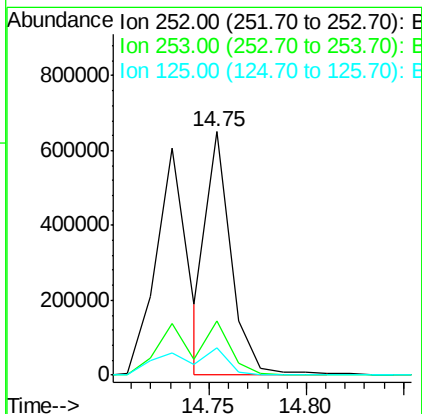
RT: 14.75 min Scan# 1152

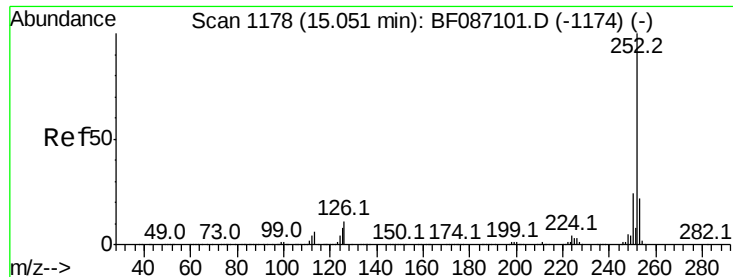
Delta R.T. -0.00 min

Lab File: BF087102.D

Acq: 17 May 2016 14:38

Tgt Ion:	252	Resp:	570346
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	11.2	9.1	13.7





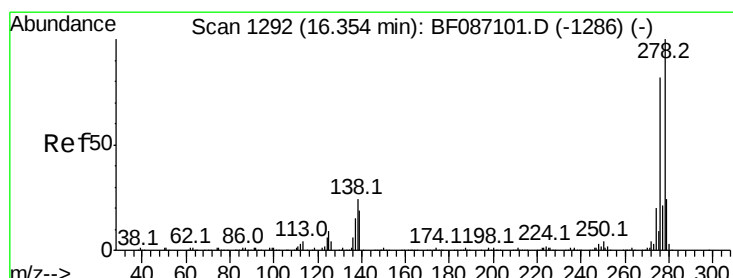
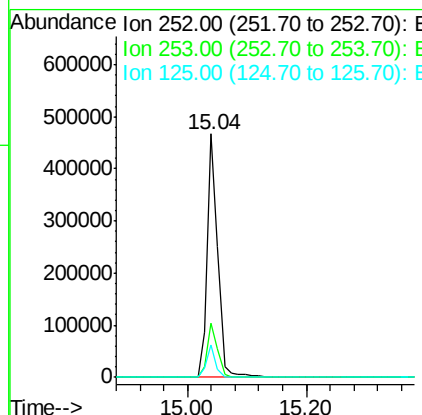
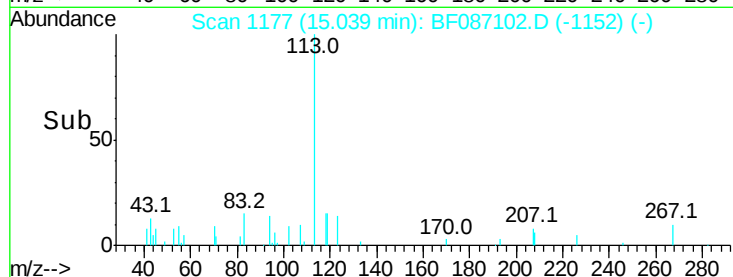
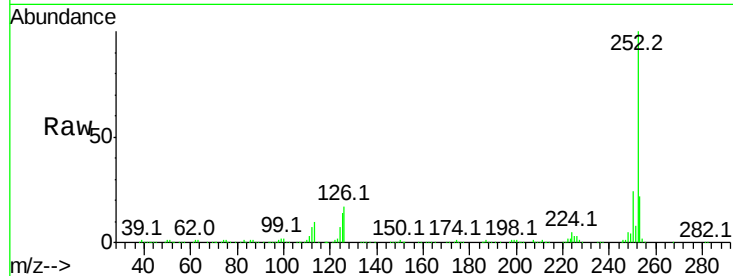
#89
Benzo(a)pyrene
Concen: 24.56 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.5	17.2	25.8	
125	13.6	9.0	13.6	

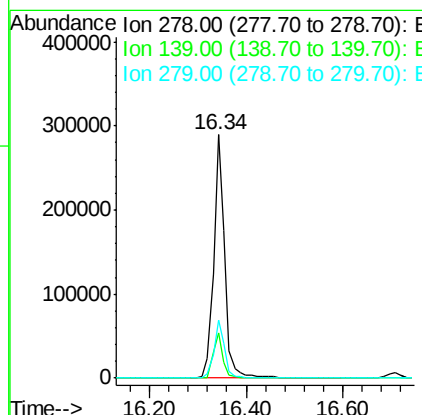
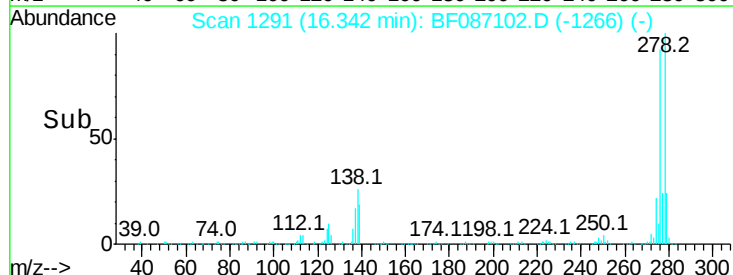
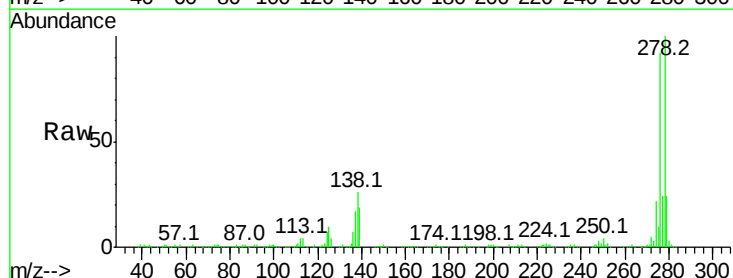
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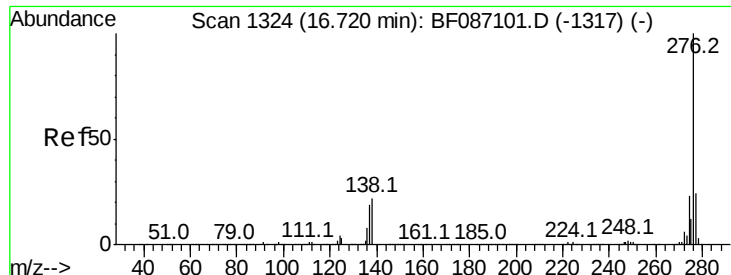
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#90
Dibenzo(a,h)anthracene
Concen: 23.50 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF087102.D
Acq: 17 May 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	18.6	16.6	24.8	
279	23.9	19.6	29.4	





#91
 Benzo(a,h,i)perylene
 Concen: 23.05 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF087102.D
 Acq: 17 May 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
276	100	470169		
277	23.6		19.6	29.4
138	21.2		23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/18/2016 6:56:46 PM

