

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086825.D
 Acq On : 9 May 2016 15:06
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:05:48 AM

Quant Time: May 09 15:55:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 14:52:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	160753	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	699804	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	321015	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	604799	20.00	ng	0.00
75) Chrysene-d12	13.85	240	362666	20.00	ng	0.01
86) Perylene-d12	15.21	264	349872	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1489225	159.79	ng	0.00
7) Phenol-d6	6.37	99	1891619	145.43	ng	0.01
23) Nitrobenzene-d5	7.28	82	2051732	158.03	ng	0.01
41) 2,4,6-Tribromophenol	10.53	330	593688	175.37	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	2854335	150.48	ng	0.01
78) Terphenyl-d14	12.80	244	2471094	150.11	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	363377	74.22	ng	# 68
3) Pyridine	2.85	79	955314	82.45	ng	# 65
4) n-Nitrosodimethylamine	2.83	42	709596	107.45	ng	# 50
6) Aniline	6.37	93	1159387	73.66	ng	# 64
8) 2-Chlorophenol	6.49	128	804113	69.27	ng	# 83
10) Phenol	6.38	94	1217332	83.89	ng	# 78
11) bis(2-Chloroethyl)ether	6.44	93	839981	66.95	ng	# 81
12) 1,3-Dichlorobenzene	6.64	146	909283m	72.83	ng	# 97
13) 1,4-Dichlorobenzene	6.72	146	952431	73.93	ng	# 97
14) 1,2-Dichlorobenzene	6.86	146	699536m	59.21	ng	# 97
15) Benzyl Alcohol	6.86	79	687491	83.55	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1781912	70.96	ng	# 73
17) 2-Methylphenol	6.99	107	706093	75.26	ng	# 80
18) Hexachloroethane	7.21	117	369438	76.74	ng	# 90
19) n-Nitroso-di-n-propylamine	7.14	70	638620	74.28	ng	# 74
20) 3+4-Methylphenols	7.14	107	832625	77.73	ng	# 66
22) Acetophenone	7.13	105	1186109	77.30	ng	# 98
24) Nitrobenzene	7.30	77	1126721	84.36	ng	# 99
25) Isophorone	7.54	82	1945045	77.84	ng	# 99
26) 2-Nitrophenol	7.61	139	457323	74.37	ng	# 74
27) 2,4-Dimethylphenol	7.66	122	729372	67.60	ng	# 89
28) bis(2-Chloroethoxy)methane	7.74	93	1011338	74.29	ng	# 98
29) 2,4-Dichlorophenol	7.86	162	666922	73.26	ng	# 95
30) 1,2,4-Trichlorobenzene	7.93	180	723373	68.50	ng	# 96
31) Naphthalene	8.01	128	2270057	63.75	ng	# 98
32) Benzoic acid	7.85	122	510169	91.18	ng	# 84
33) 4-Chloroaniline	8.06	127	935864	70.18	ng	# 88
34) Hexachlorobutadiene	8.12	225	396427	66.96	ng	# 99
35) Caprolactam	8.49	113	262037m	86.29	ng	# 99
36) 4-Chloro-3-methylphenol	8.58	107	876743	84.12	ng	# 99
37) 2-Methylnaphthalene	8.69	142	1403001	66.77	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	668328	72.73	ng	# 96
40) Hexachlorocyclopentadiene	8.84	237	385673	84.46	ng	# 96
42) 2,4,6-Trichlorophenol	8.99	196	489499	84.27	ng	# 91

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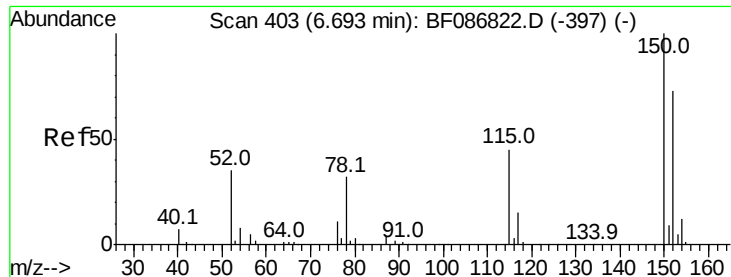
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.04	196	470407	74.30	nq	# 88
45) 1,1'-Biphenyl	9.16	154	1679353	62.59	nq	94
46) 2-Chloronaphthalene	9.18	162	1350506	66.20	nq	92
47) 2-Nitroaniline	9.30	65	638869	97.65	nq	# 79
48) Acenaphthylene	9.60	152	2041677	64.02	nq	98
49) Dimethylphthalate	9.48	163	1792229	74.16	nq	99
50) 2,6-Dinitrotoluene	9.54	165	355173	71.14	nq	# 72
51) Acenaphthene	9.77	154	1296283	63.28	nq	99
52) 3-Nitroaniline	9.71	138	419266	73.84	nq	# 80
53) 2,4-Dinitrophenol	9.81	184	208314	93.28	nq	# 66
54) Dibenzofuran	9.94	168	1585046	61.91	nq	93
55) 4-Nitrophenol	9.89	139	287494m	77.33	nq	
56) 2,4-Dinitrotoluene	9.95	165	511771	80.41	nq	# 68
57) Fluorene	10.28	166	1242427	55.90	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	341023	68.90	nq	99
59) Diethylphthalate	10.18	149	1799074	78.64	nq	95
61) 4-Nitroaniline	10.34	138	417093	75.15	nq	# 70
62) Azobenzene	10.44	77	2003193	79.94	nq	87
64) 4,6-Dinitro-2-methylphenol	10.36	198	320787	90.35	nq	77
65) n-Nitrosodiphenylamine	10.41	169	1416392	74.93	nq	98
66) 4-Bromophenyl-phenylether	10.76	248	410322	65.84	nq	96
67) Hexachlorobenzene	10.83	284	554347	76.85	nq	# 93
69) Pentachlorophenol	11.02	266	261084	68.65	nq	97
70) Phenanthrene	11.24	178	2289936	72.15	nq	98
71) Anthracene	11.29	178	2139533	63.17	nq	99
72) Carbazole	11.46	167	2155934	71.81	nq	99
73) Di-n-butylphthalate	11.78	149	2362634	69.47	nq	# 97
74) Fluoranthene	12.42	202	2045549	63.85	nq	97
76) Benzidine	12.54	184	731794	58.72	nq	97
77) Pyrene	12.65	202	2146713	82.15	nq	98
79) Butylbenzylphthalate	13.28	149	1068438	94.41	nq	97
80) Benzo(a)anthracene	13.84	228	1606293	83.07	nq	98
81) 3,3'-Dichlorobenzidine	13.80	252	985704	76.26	nq	98
82) Chrysene	13.87	228	1593911	75.84	nq	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	1100333	78.32	nq	# 96
84) Di-n-octyl phthalate	14.44	149	2001251	90.96	nq	# 82
85) Indeno(1,2,3-cd)pyrene	16.51	276	1620661	104.07	nq	95
87) Benzo(b)fluoranthene	14.84	252	1854219m	90.09	nq	
88) Benzo(k)fluoranthene	14.87	252	1067997m	49.75	nq	
89) Benzo(a)pyrene	15.16	252	1382128	71.12	nq	98
90) Dibenzo(a,h)anthracene	16.53	278	1324999	83.32	nq	# 93
91) Benzo(g,h,i)perylene	16.91	276	1390591	87.26	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

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BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 160753

Ion Ratio Lower Upper

152 100

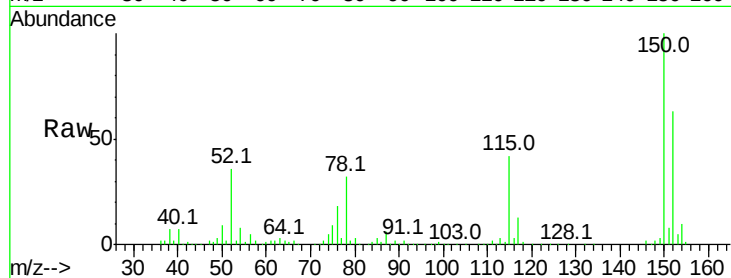
150 157.6 125.8 188.6

115 67.0 51.5 77.3

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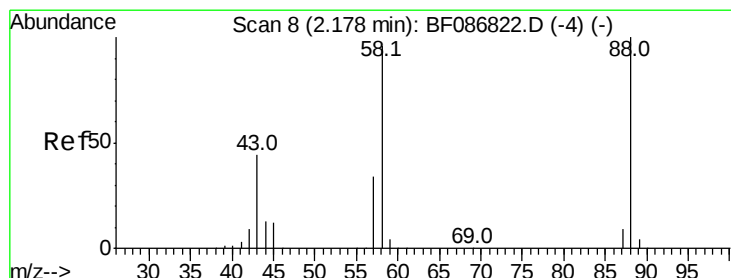
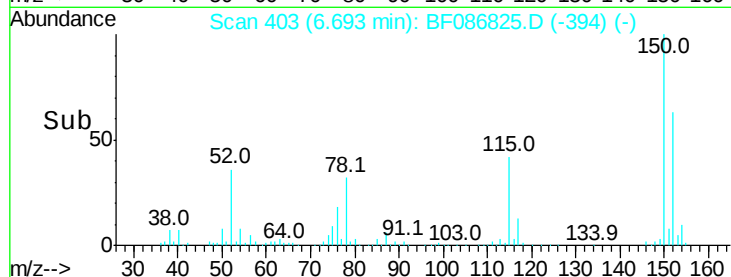
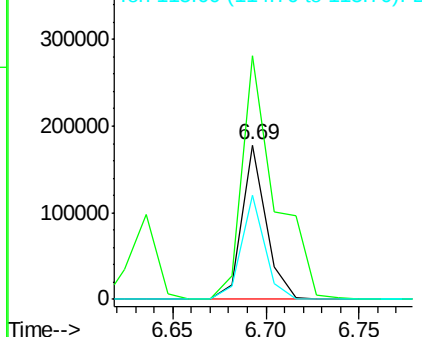
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 74.22 ng

RT: 2.18 min Scan# 8

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

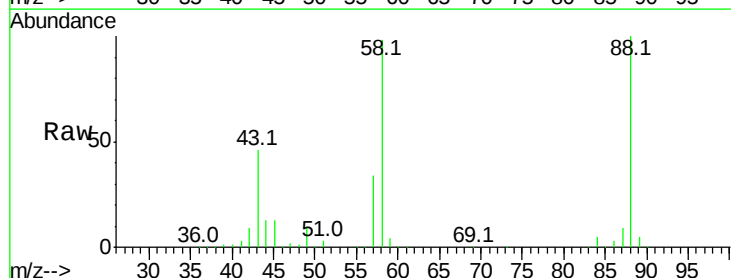
Tgt Ion: 88 Resp: 363377

Ion Ratio Lower Upper

88 100

58 99.8 59.6 89.4#

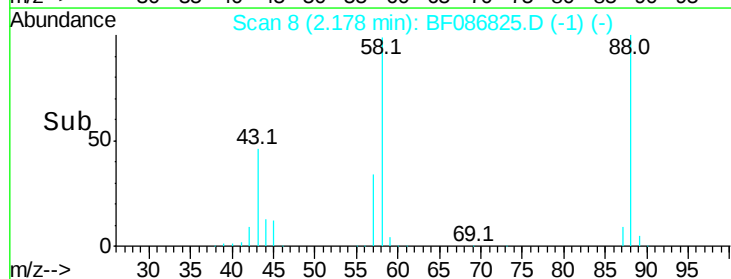
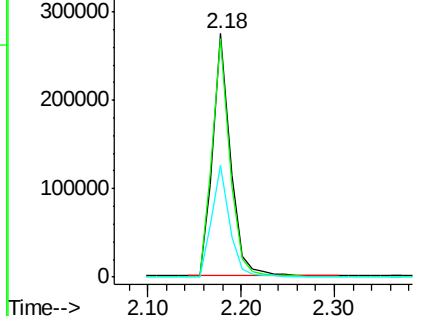
43 46.1 21.8 32.6#

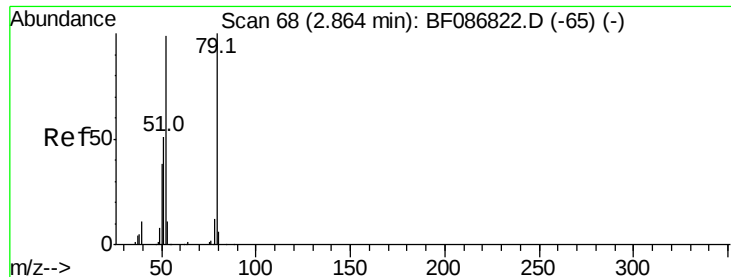


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 82.45 ng

RT: 2.85 min Scan# 67

Delta R.T. -0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

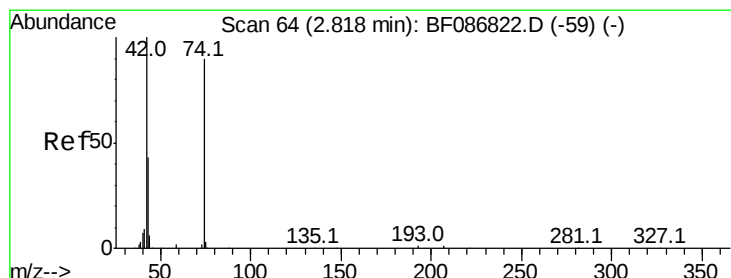
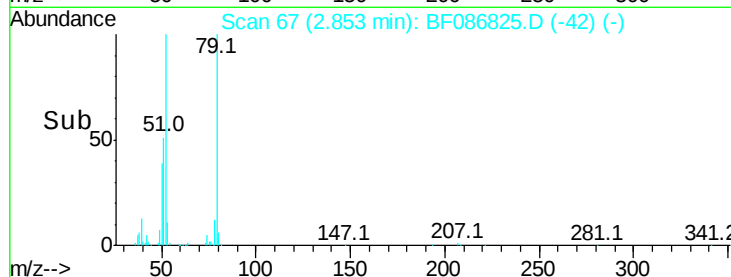
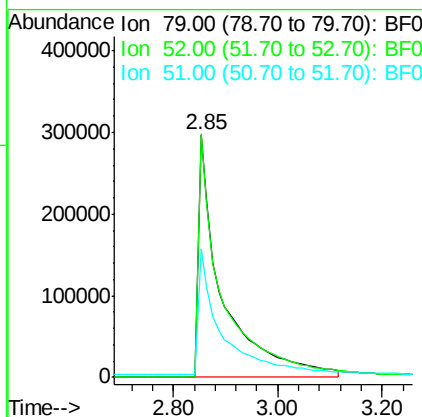
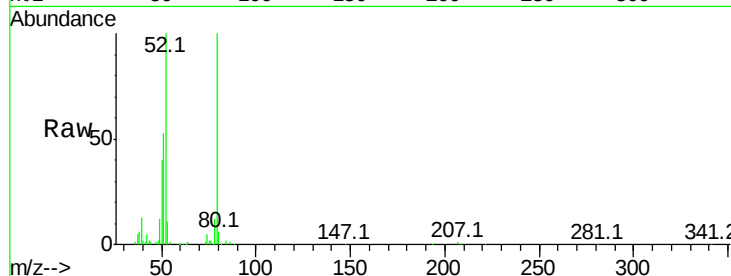
ClientSampleId :

SSTDICC080

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Tot Ion	Ratio	Lower	Upper
79	100		
52	100.2	55.9	83.9#
51	52.8	28.1	42.1#



#4

n-Nitrosodimethylamine

Concen: 107.45 ng

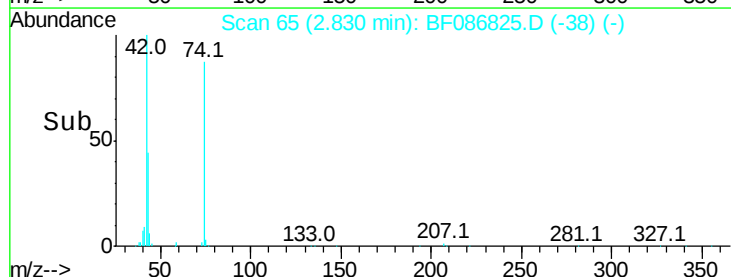
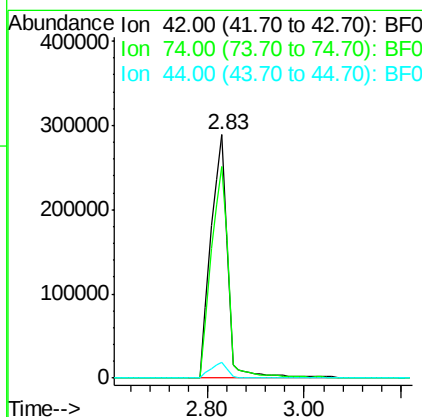
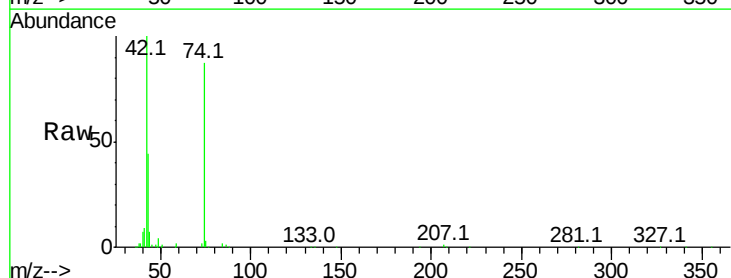
RT: 2.83 min Scan# 65

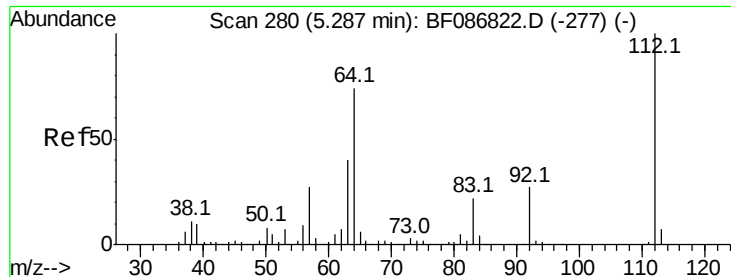
Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	86.8	123.4	185.0#
44	6.5	5.8	8.6





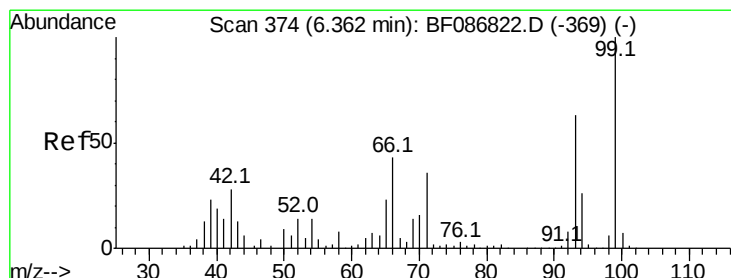
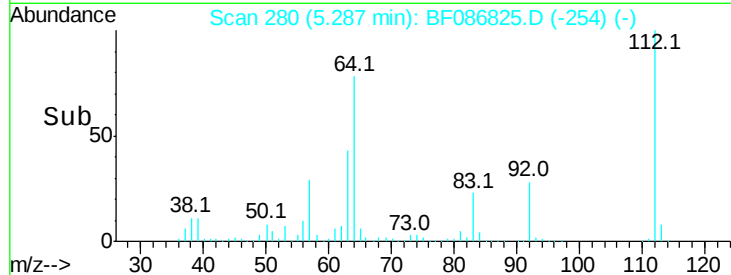
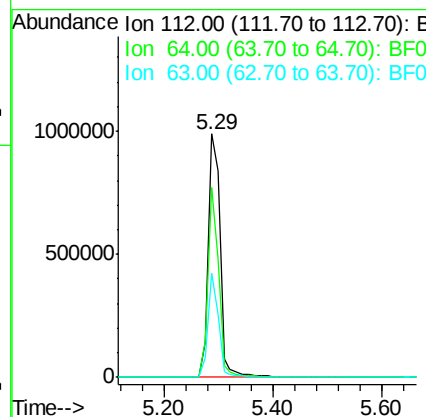
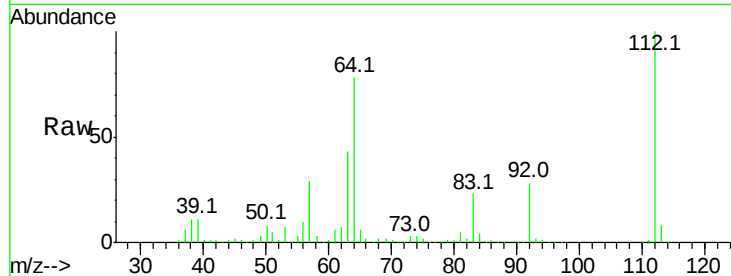
#5
 2-Fluorophenol
 Concen: 159.79 ng
 RT: 5.29 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:112 Resp: 1489225
 Ion Ratio Lower Upper
 112 100
 64 78.1 52.1 78.1#
 63 42.5 25.7 38.5#

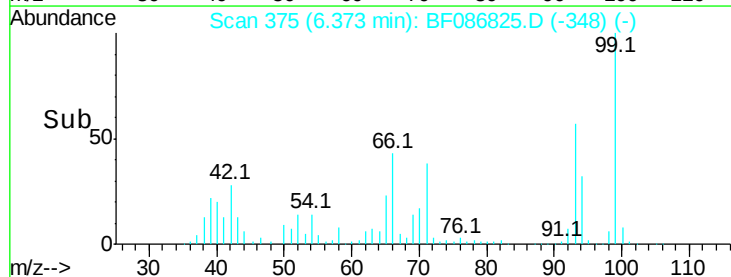
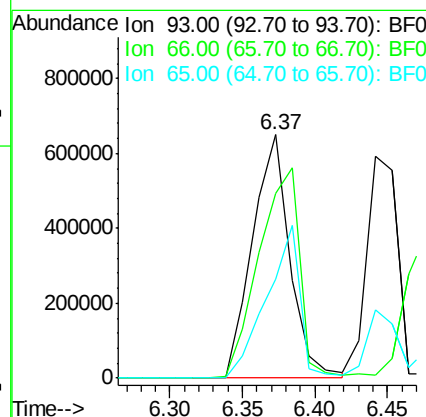
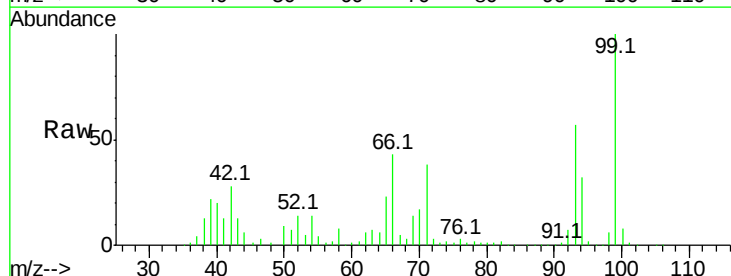
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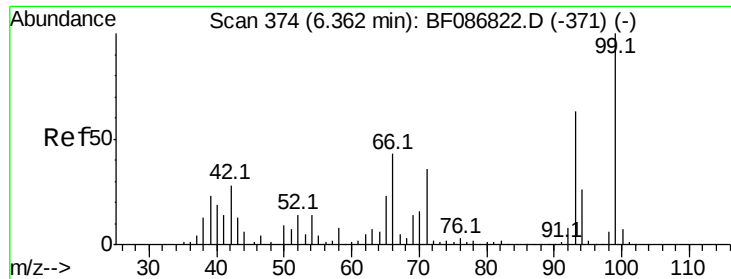
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#6
 Aniline
 Concen: 73.66 ng
 RT: 6.37 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Tgt Ion: 93 Resp: 1159387
 Ion Ratio Lower Upper
 93 100
 66 75.7 39.0 58.6#
 65 40.6 20.6 31.0#





#7

Phenol-d6

Concen: 145.43 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 1891619

Ion Ratio Lower Upper

99 100

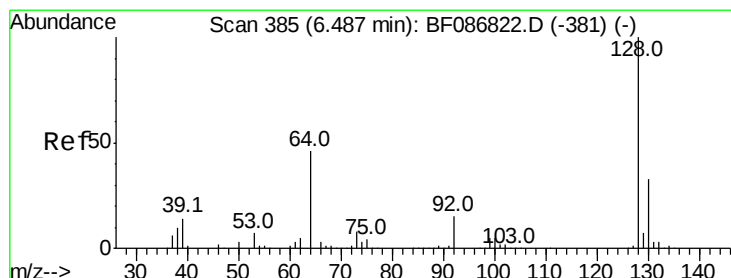
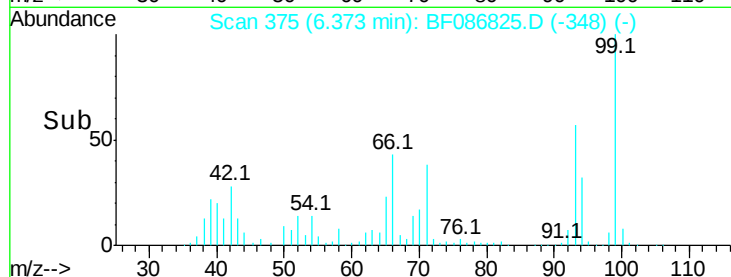
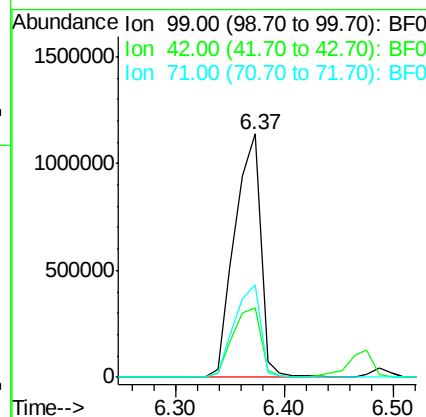
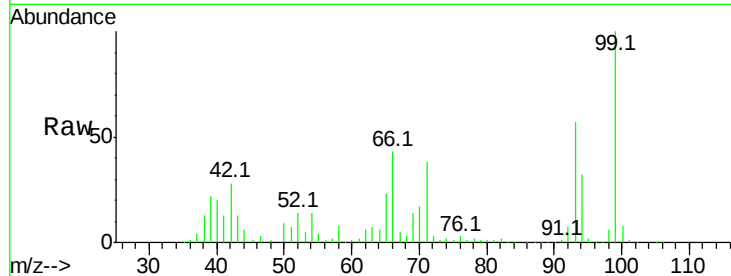
42 28.5 13.6 20.4#

71 37.8 24.6 36.8#

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#8

2-Chlorophenol

Concen: 69.27 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

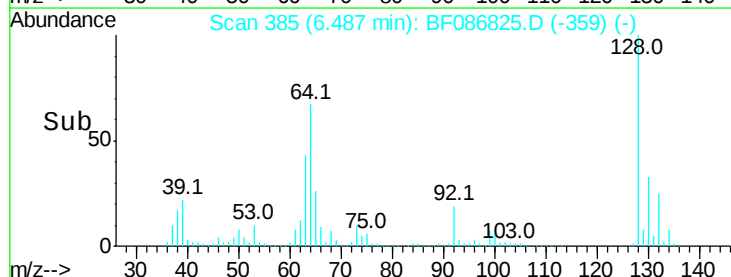
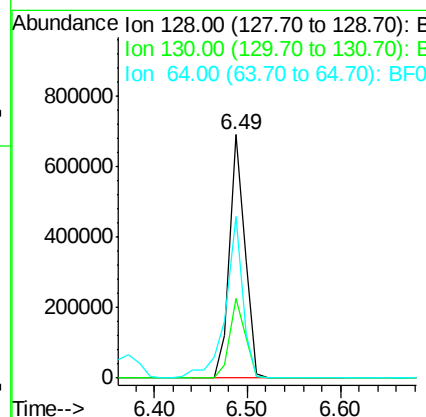
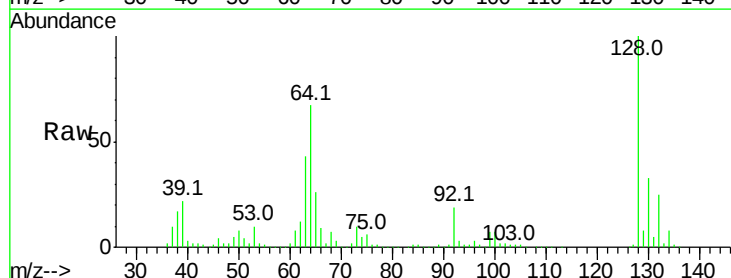
Tgt Ion:128 Resp: 804113

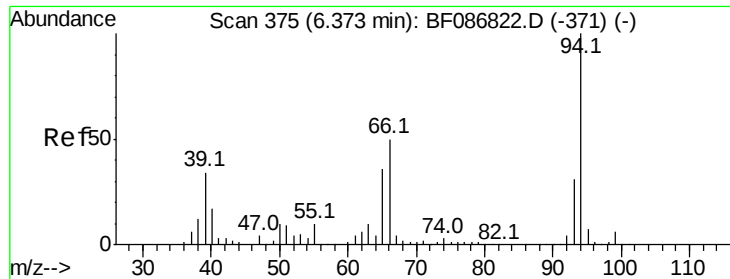
Ion Ratio Lower Upper

128 100

130 32.6 12.5 52.5

64 66.6 27.3 67.3





#10

Phenol

Concen: 83.89 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 94 Resp: 1217332

Ion Ratio Lower Upper

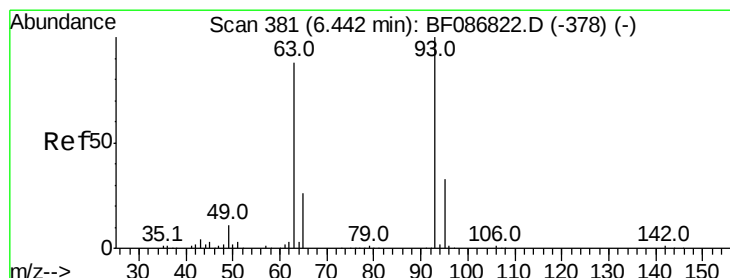
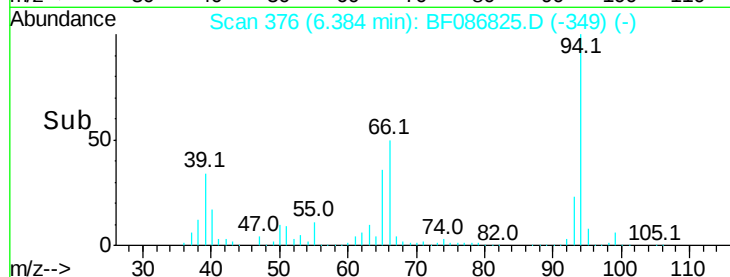
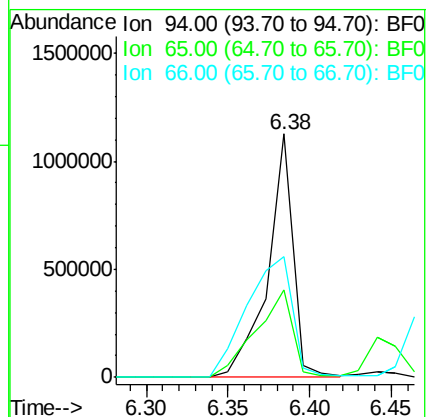
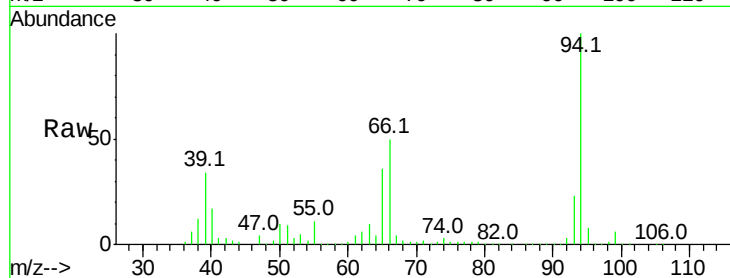
94 100

65 36.1 7.2 47.2

66 49.7 14.9 54.9

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#11

bis(2-Chloroethyl)ether

Concen: 66.95 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

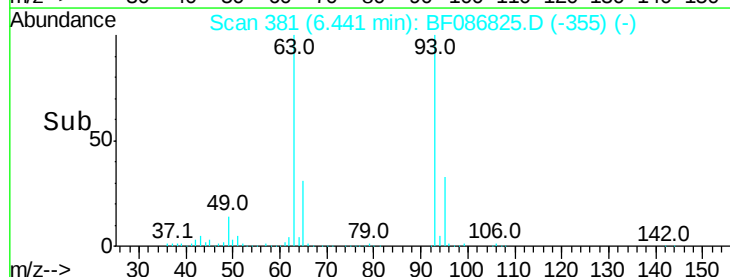
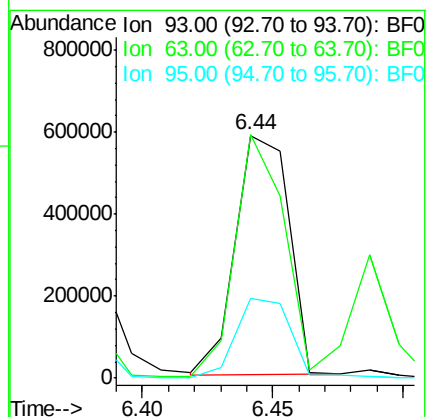
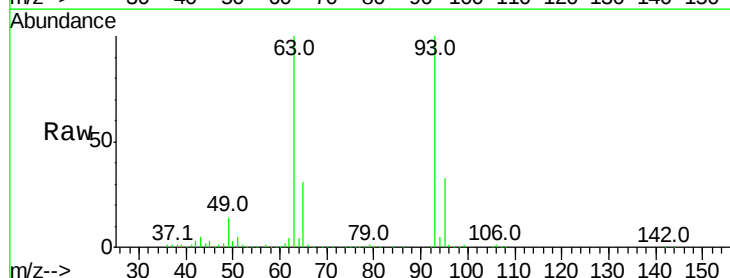
Tgt Ion: 93 Resp: 839981

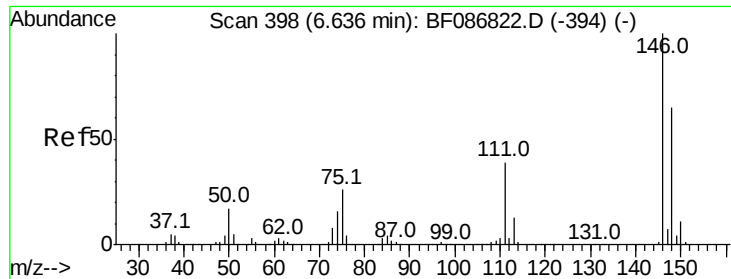
Ion Ratio Lower Upper

93 100

63 100.2 58.0 98.0#

95 32.6 11.9 51.9





#12

1,3-Dichlorobenzene

Concen: 72.83 ng/mL

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 909283

Ion Ratio Lower Upper

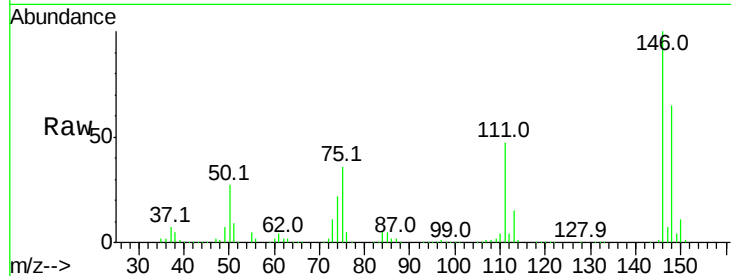
146 100

148 65.2 52.4 78.6

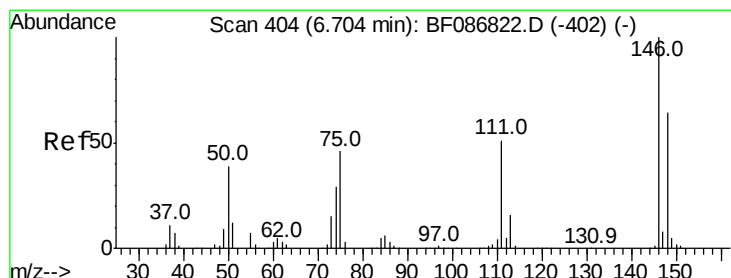
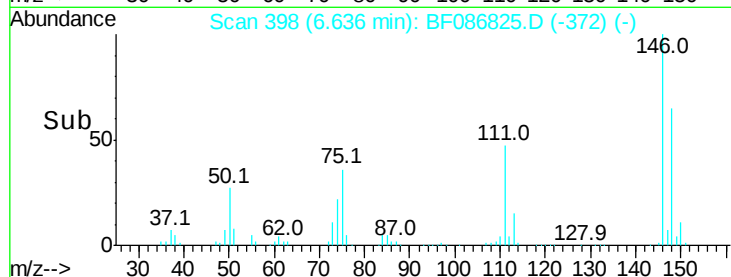
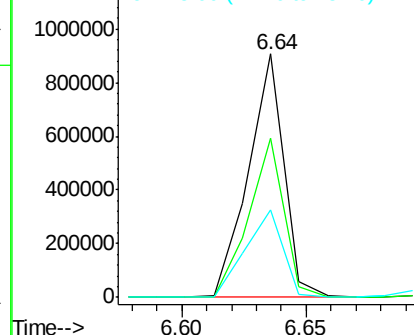
75 36.1 22.8 34.2#

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 73.93 ng/mL

RT: 6.72 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

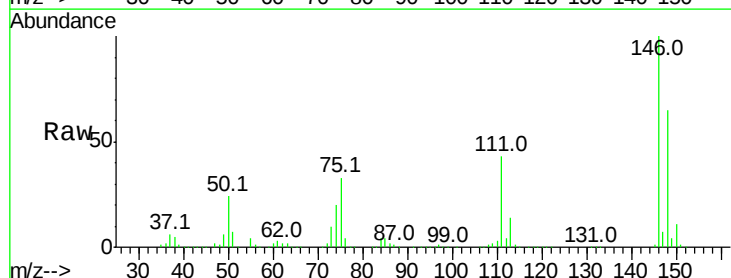
Tgt Ion:146 Resp: 952431

Ion Ratio Lower Upper

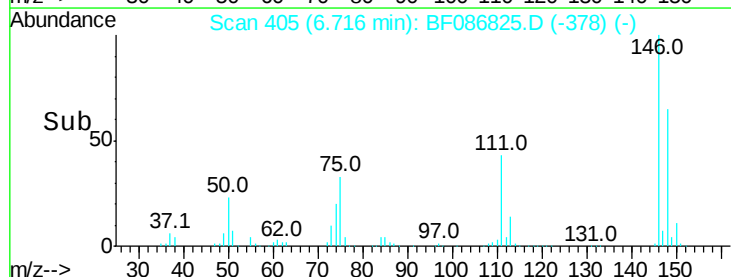
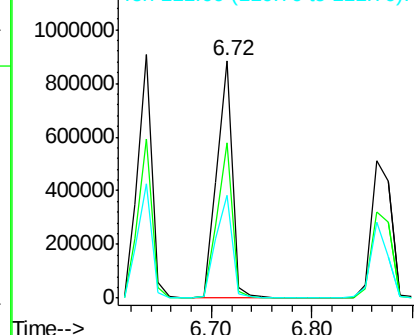
146 100

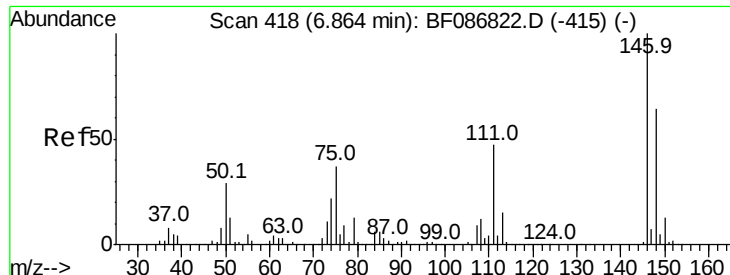
148 65.3 52.2 78.4

111 43.1 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 59.21 ng/mL

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

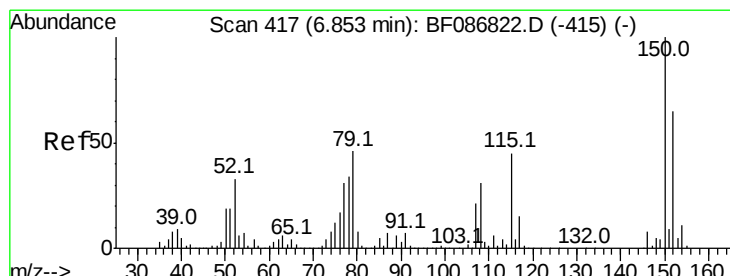
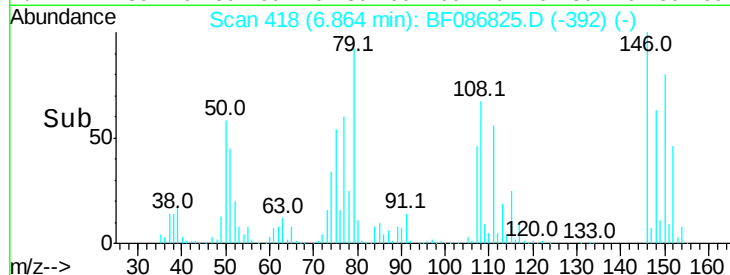
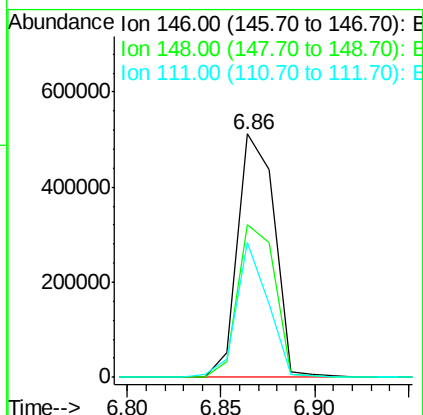
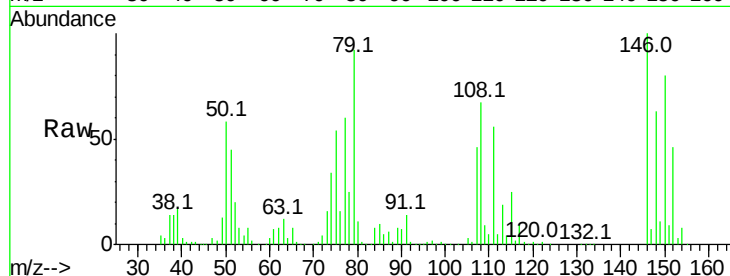
ClientSampleId :

SSTDIC080

Tot Ion:	146	Resp:	699536
Ion Ratio	Lower	Upper	
146	100		
148	62.6	51.0	76.6
111	55.6	36.2	54.4

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#15

Benzyl Alcohol

Concen: 83.55 ng/mL

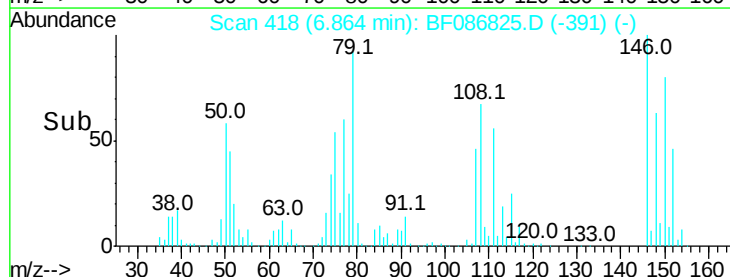
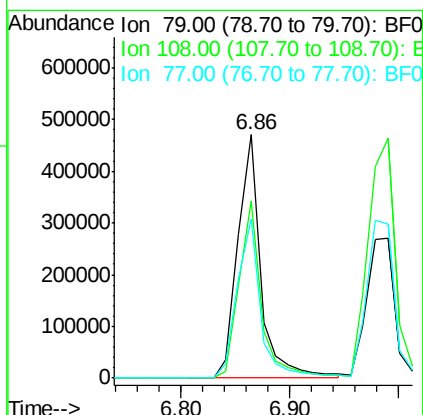
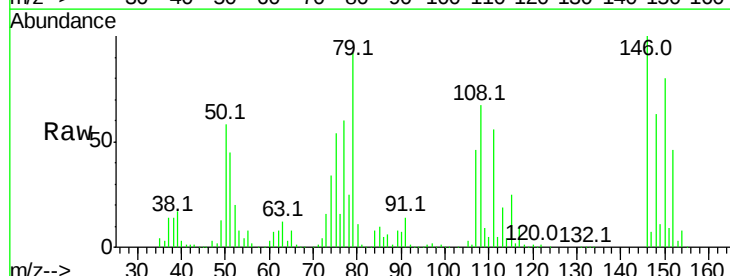
RT: 6.86 min Scan# 418

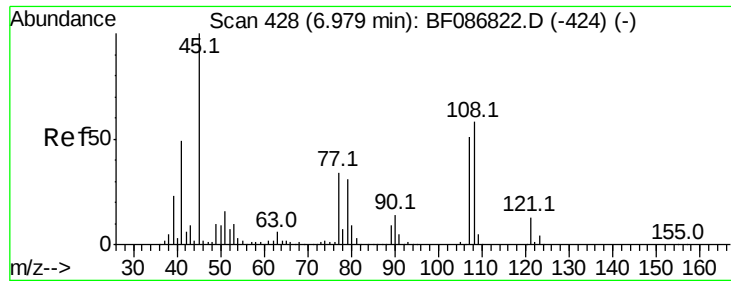
Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Tgt Ion:	79	Resp:	687491
Ion Ratio	Lower	Upper	
79	100		
108	72.9	68.4	102.6
77	65.5	50.6	76.0





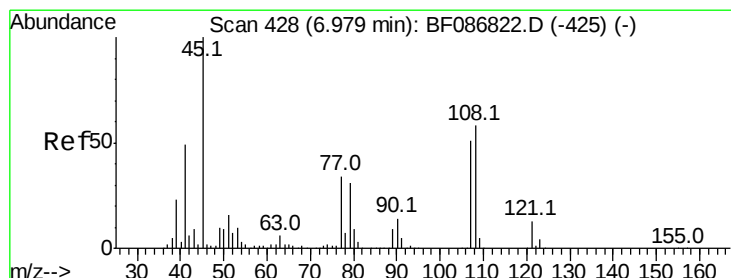
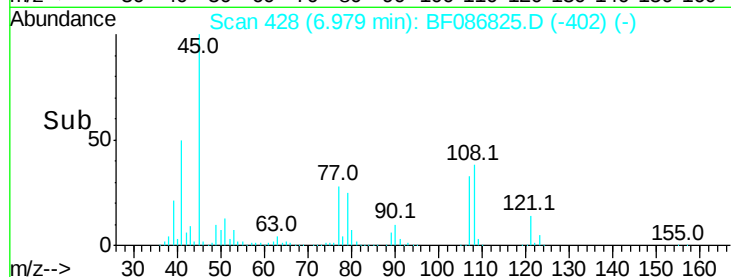
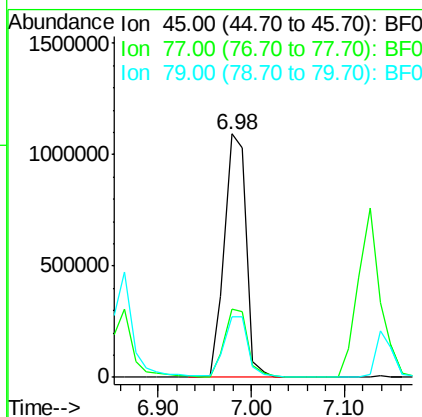
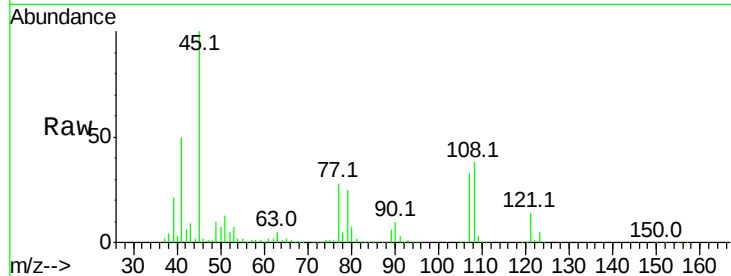
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 70.96 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Instrument :
BNA_F
ClientSampled :
SSTDICC080

Tot Ion: 45 Resp: 1781912
Ion Ratio Lower Upper
45 100
77 27.9 0.0 36.4
79 24.6 0.0 33.4

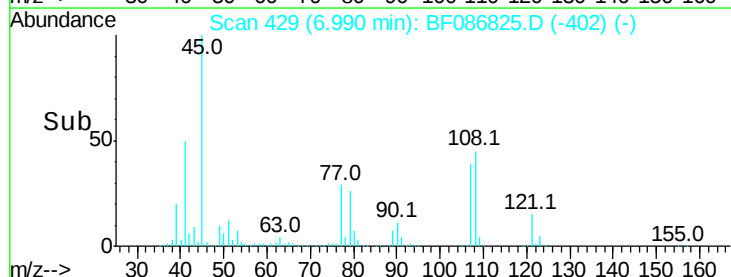
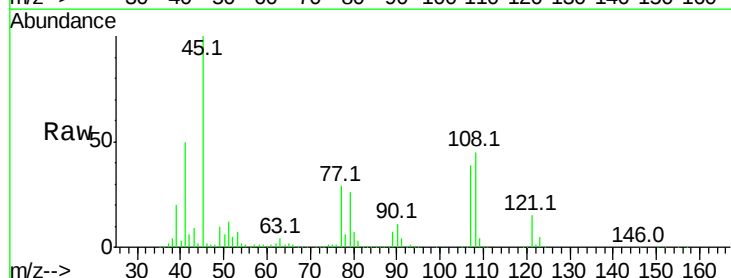
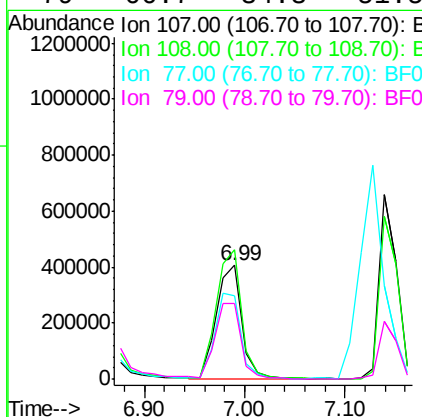
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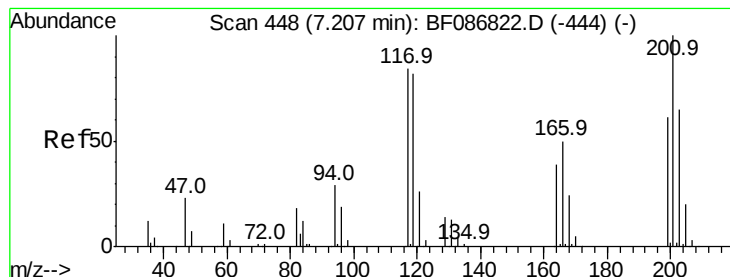
sohil
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#17
2-Methylphenol
Concen: 75.26 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.01 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Tgt Ion: 107 Resp: 706093
Ion Ratio Lower Upper
107 100
108 114.5 93.7 140.5
77 73.3 33.4 50.0#
79 66.7 34.3 51.5#





#18

Hexachloroethane

Concen: 76.74 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:117 Resp: 369438

Ion Ratio Lower Upper

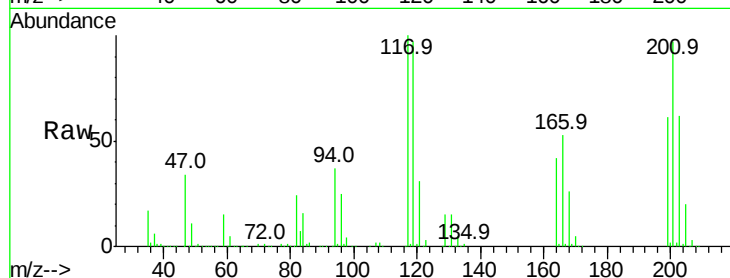
117 100

119 96.6 76.5 114.7

201 97.4 63.0 94.6#

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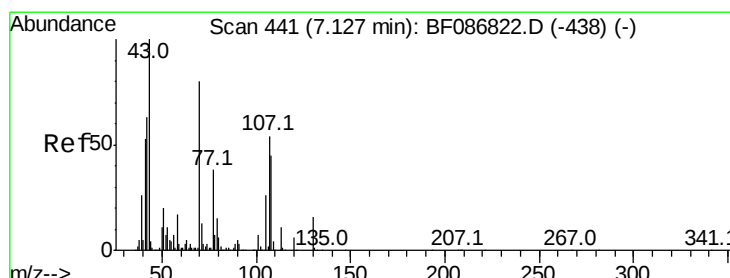
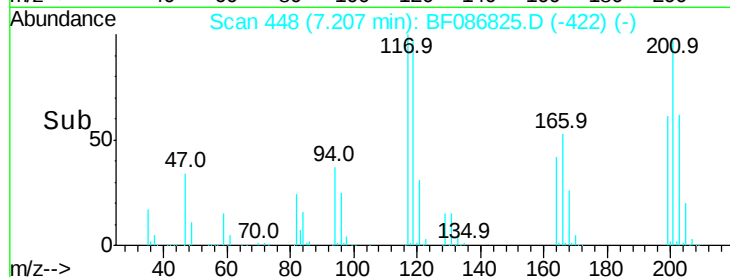
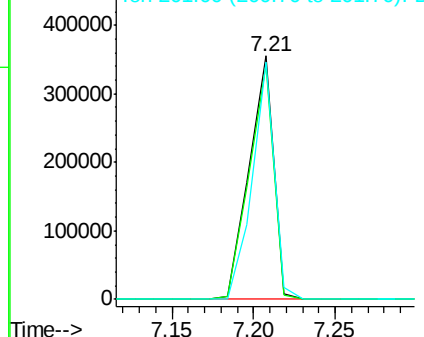
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Abundance Ion 117.00 (116.70 to 117.70): E

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: 74.28 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Tgt Ion: 70 Resp: 638620

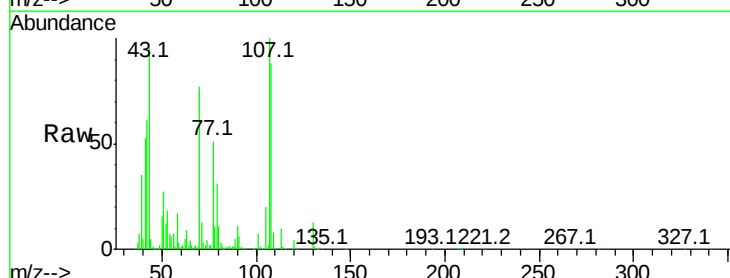
Ion Ratio Lower Upper

70 100

42 79.6 43.1 64.7#

101 8.7 8.1 12.1

130 17.5 18.6 28.0#

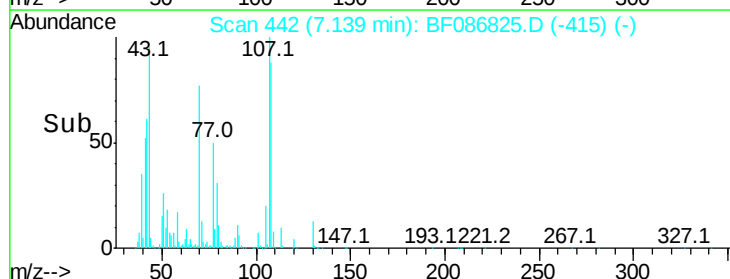
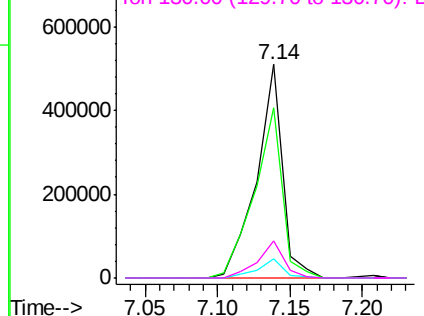


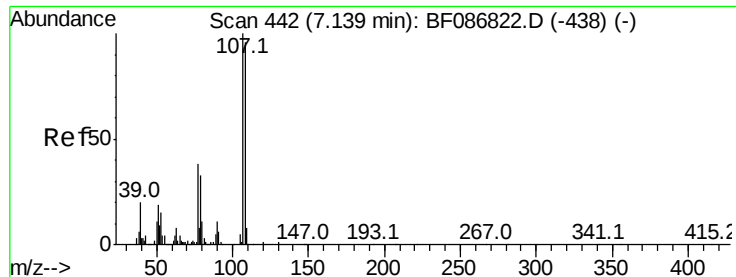
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 77.73 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

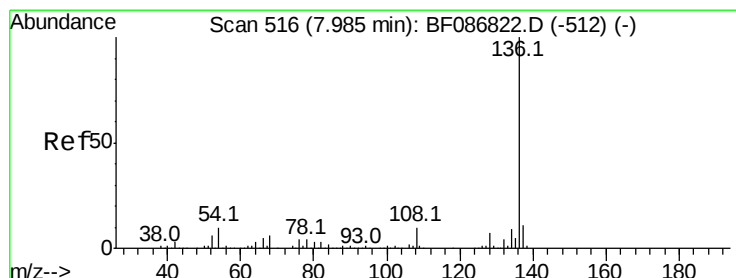
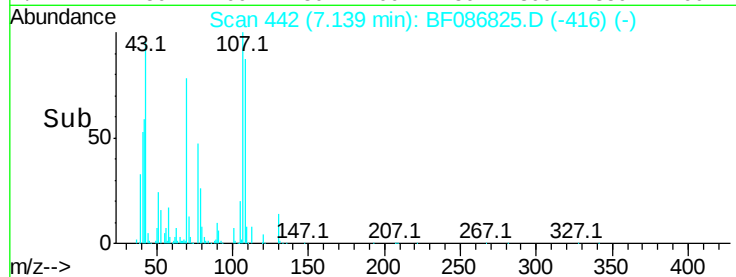
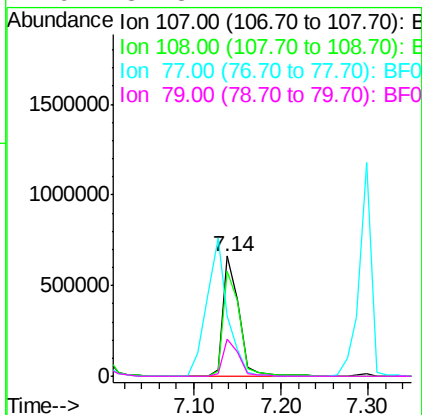
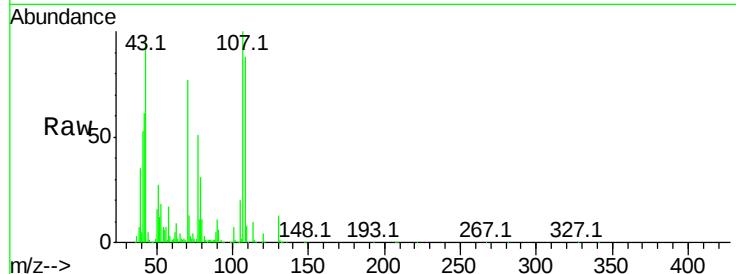
ClientSampleId :

SSTDIC080

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Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.7	68.5	108.5	
77	50.6	101.6	141.6#	
79	31.3	7.4	47.4	



#21

Naphthalene-d8

Concen: 20.00 ng

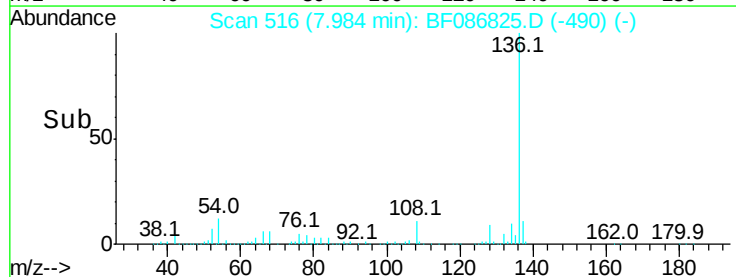
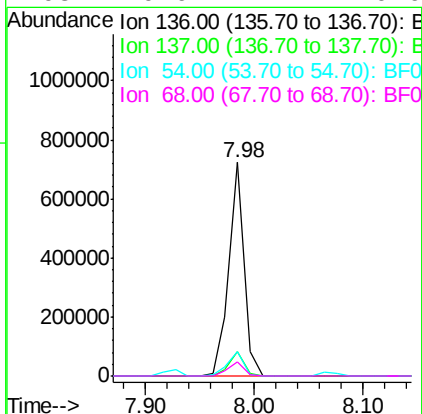
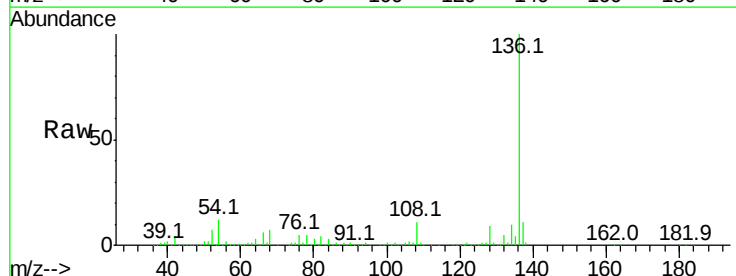
RT: 7.98 min Scan# 516

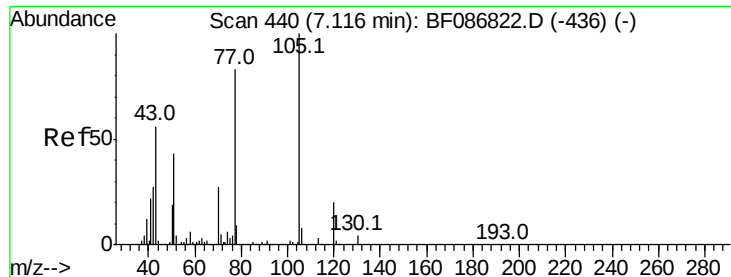
Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	11.6	5.0	7.4#	
68	6.6	4.4	6.6	





#22

Acetophenone

Concen: 77.30 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:105 Resp: 1186109

Ion Ratio Lower Upper

105 100

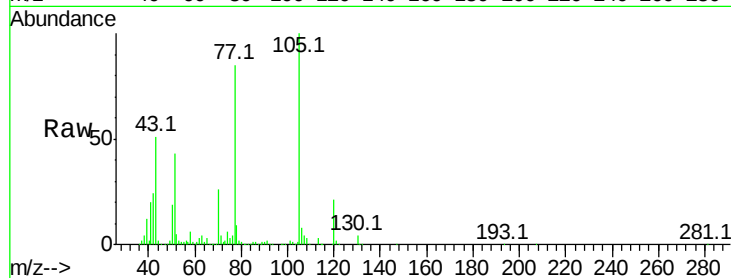
71 4.4 4.8 7.2#

51 42.7 32.6 49.0

120 20.8 16.5 24.7

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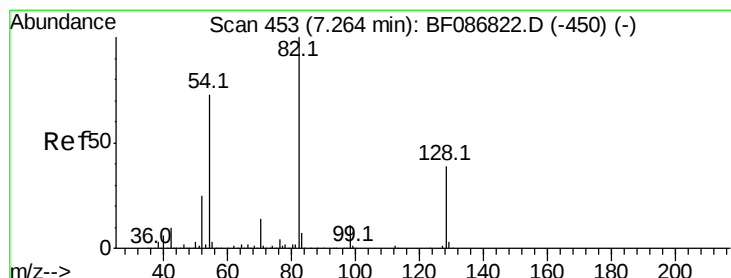
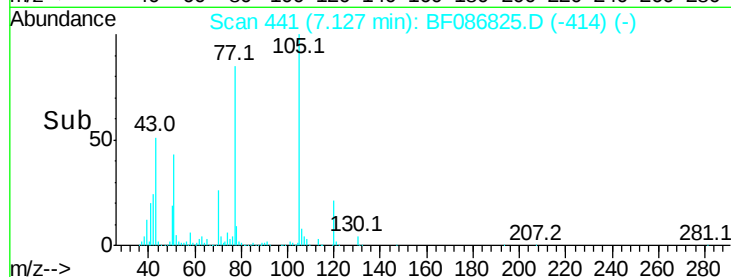
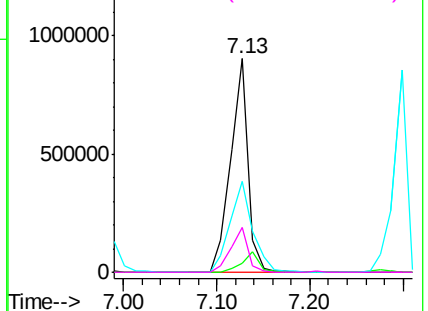


Abundance Ion 105.00 (104.70 to 105.70): E

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: 158.03 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

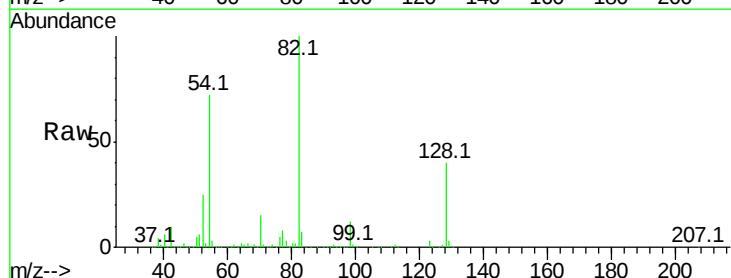
Tgt Ion: 82 Resp: 2051732

Ion Ratio Lower Upper

82 100

128 39.8 40.6 61.0#

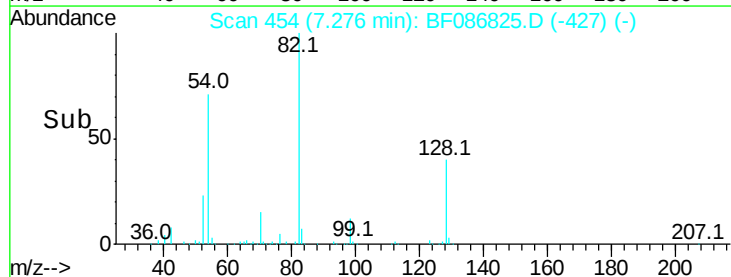
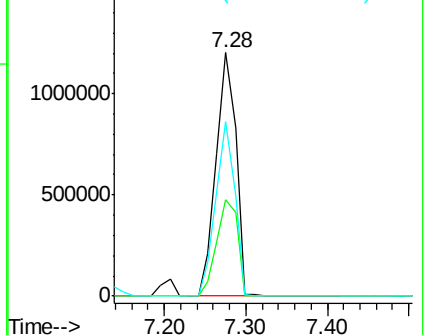
54 71.5 38.1 57.1#

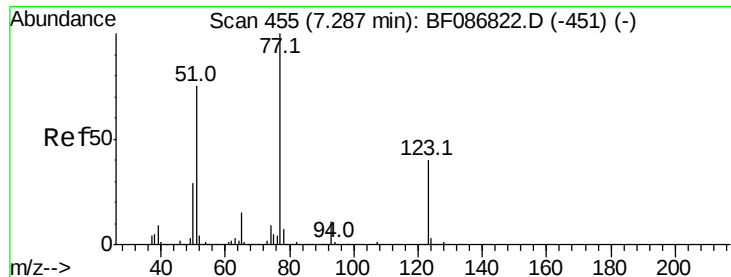


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





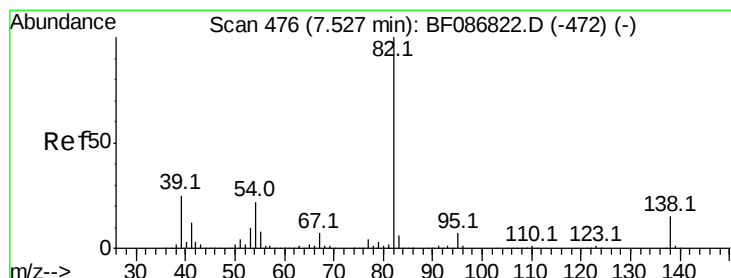
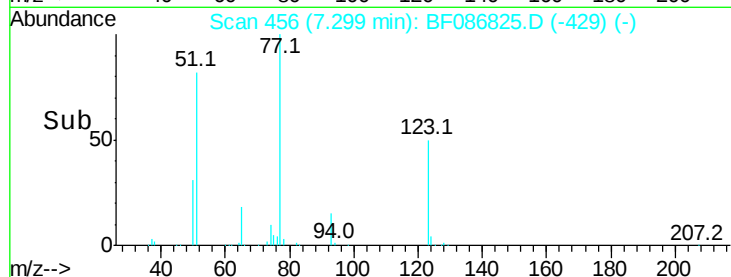
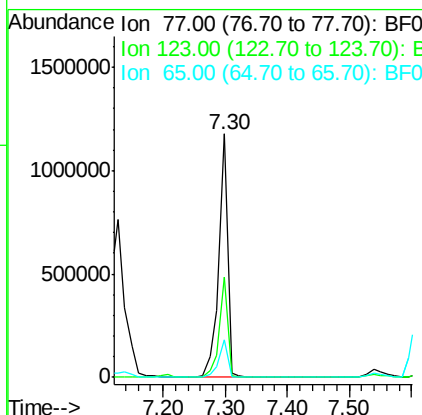
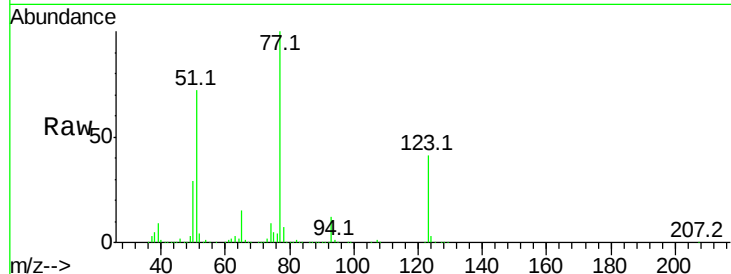
#24
Nitrobenzene
Concen: 84.36 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
123	41.4	33.0	49.4
65	15.3	10.8	16.2

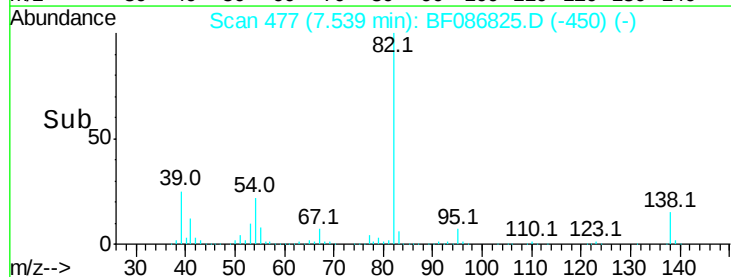
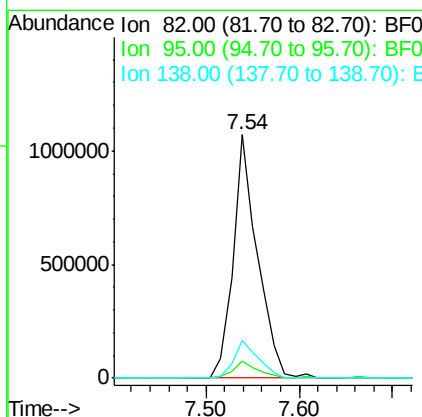
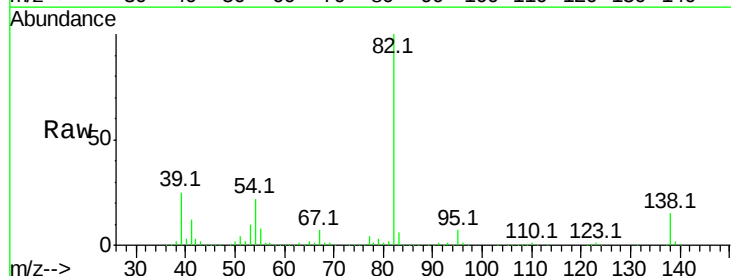
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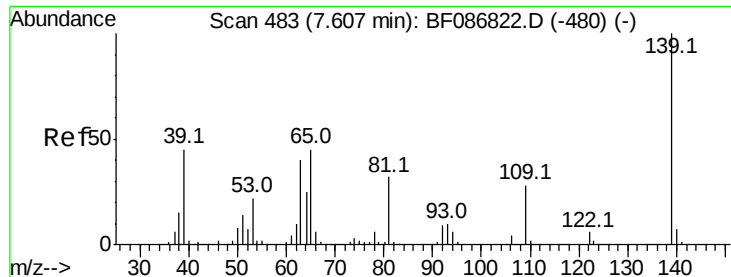
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#25
Isophorone
Concen: 77.84 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.1	7.7
138	15.3	12.4	18.6





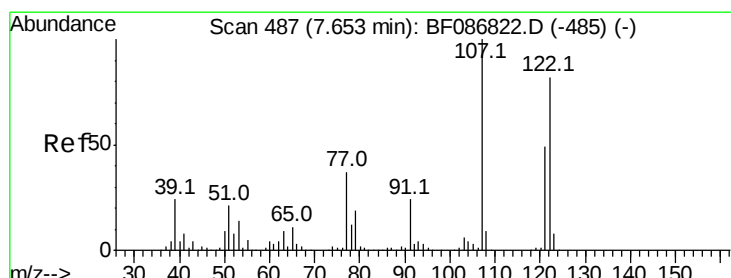
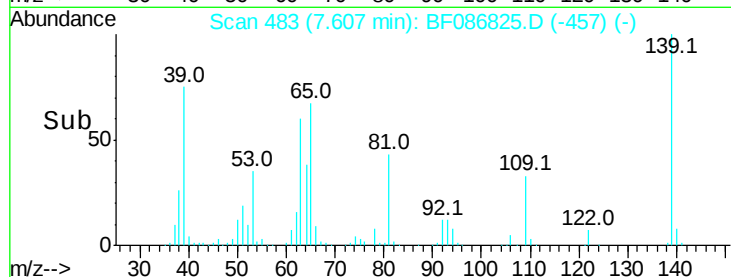
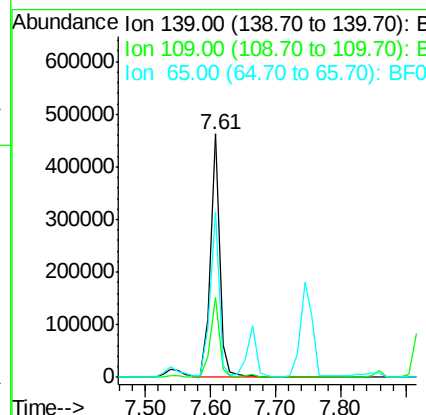
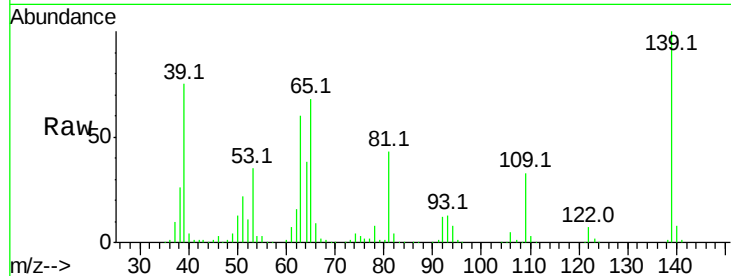
#26
 2-Nitrophenol
 Concen: 74.37 ng
 RT: 7.61 min Scan# 483
 Delta R.T. -0.00 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	32.7	19.5	29.3	
65	67.9	37.5	56.3	

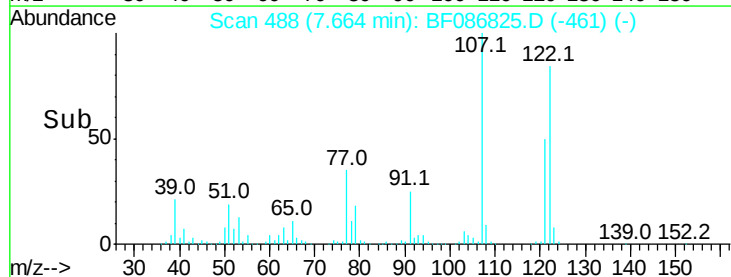
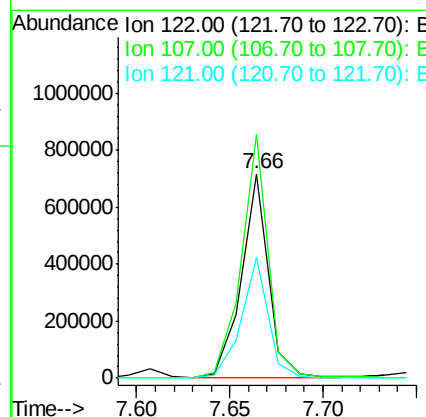
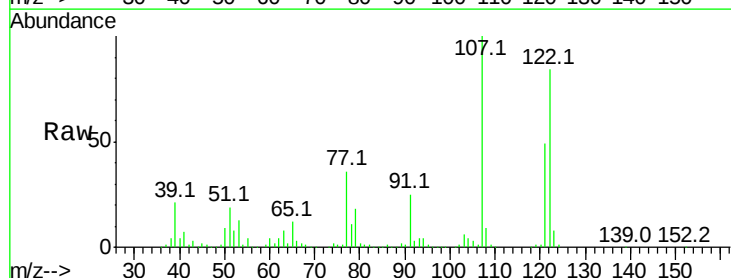
Manual Integrations
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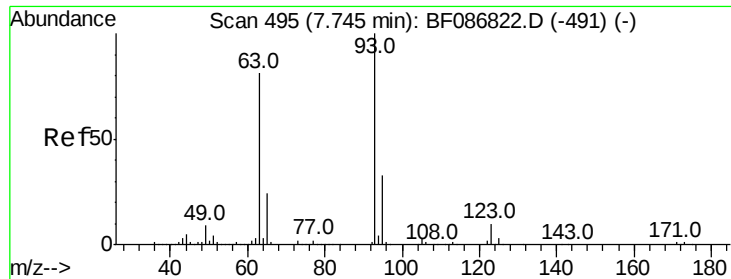
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#27
 2,4-Dimethylphenol
 Concen: 67.60 ng
 RT: 7.66 min Scan# 488
 Delta R.T. 0.01 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	119.3	82.0	123.0	
121	59.0	46.1	69.1	





#28

bis(2-Chloroethoxy)methane

Concen: 74.29 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 93 Resp: 1011338

Ion Ratio Lower Upper

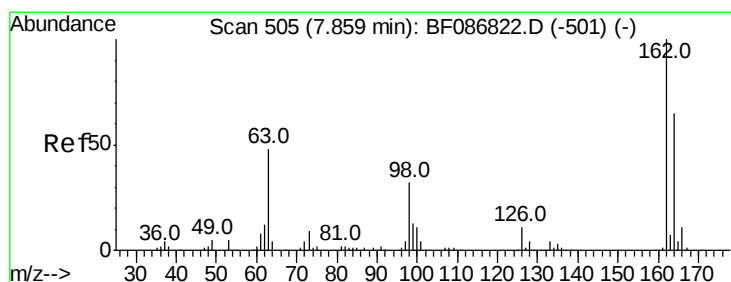
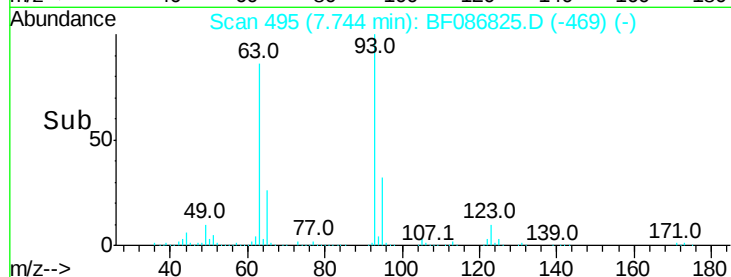
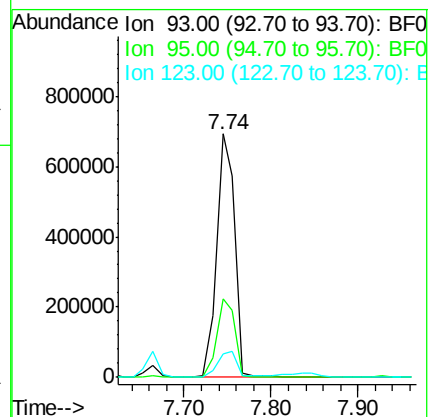
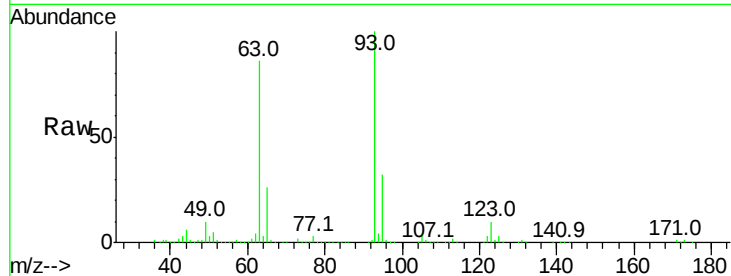
93 100

95 32.4 26.0 39.0

123 9.8 9.5 14.3

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#29

2,4-Dichlorophenol

Concen: 73.26 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

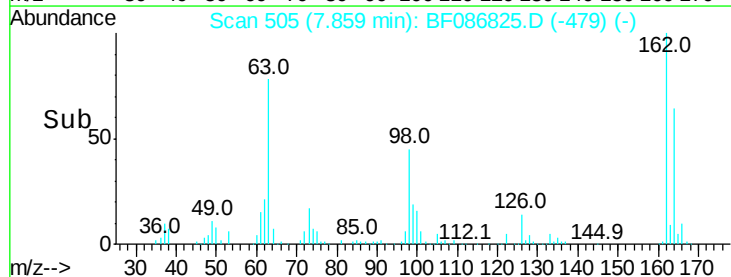
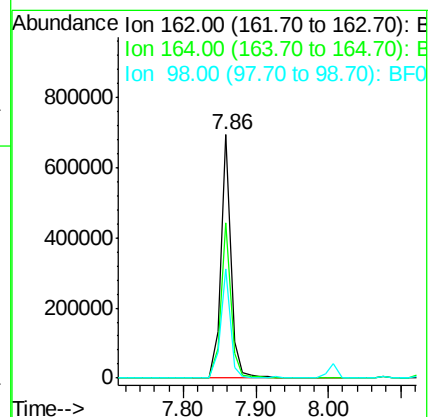
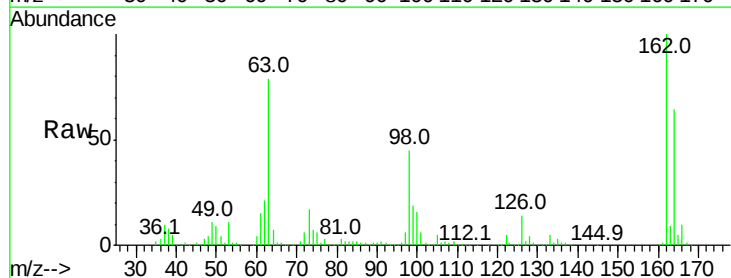
Tgt Ion: 162 Resp: 666922

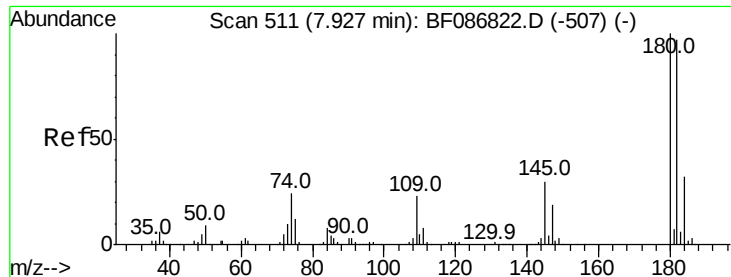
Ion Ratio Lower Upper

162 100

164 63.8 42.2 82.2

98 44.7 19.0 59.0





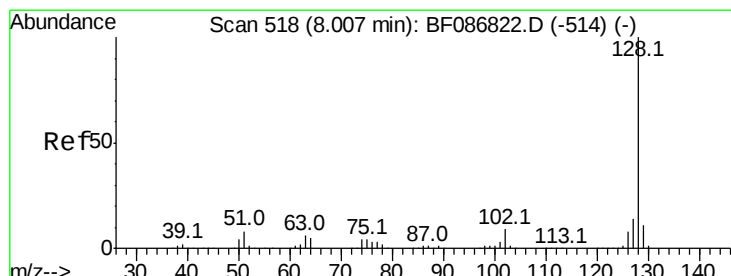
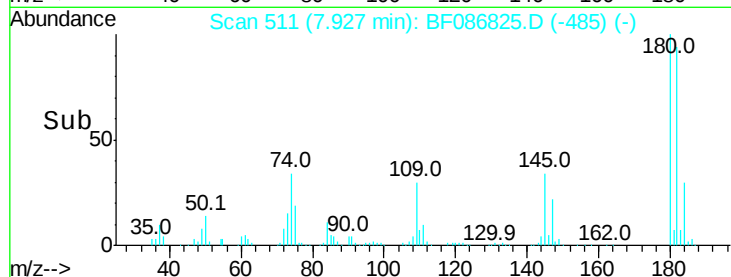
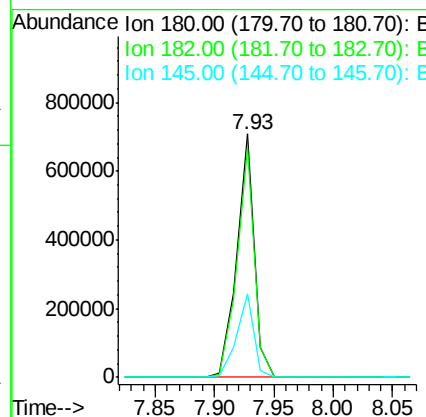
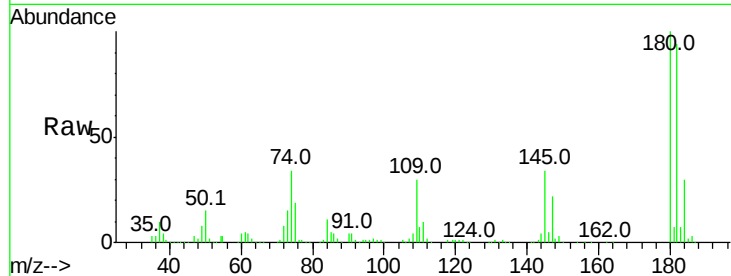
#30
 1,2,4-Trichlorobenzene
 Concen: 68.50 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
180	100	723373		
182	94.1		78.0	117.0
145	34.3		24.2	36.2

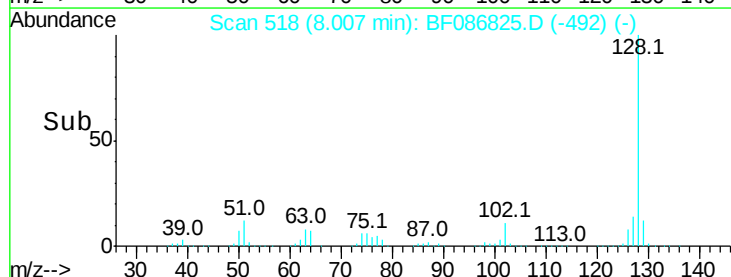
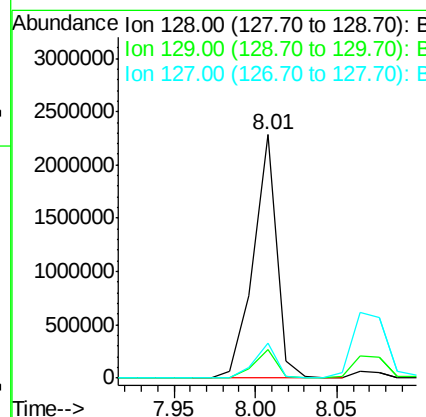
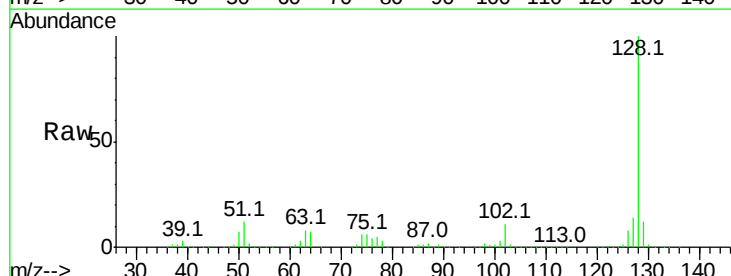
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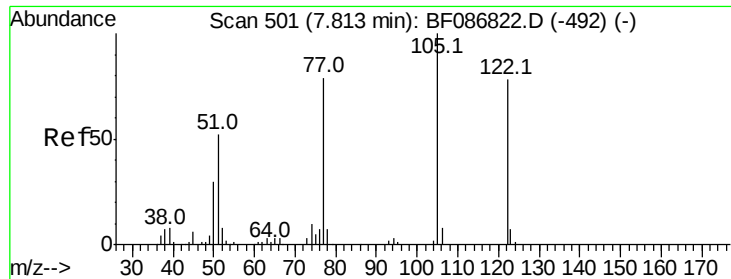
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#31
 Naphthalene
 Concen: 63.75 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	2270057		
129	12.0		8.6	13.0
127	14.3		10.8	16.2





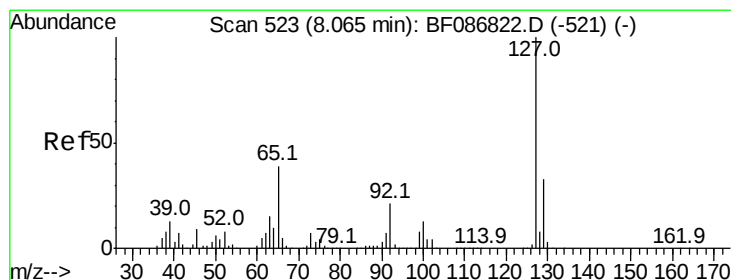
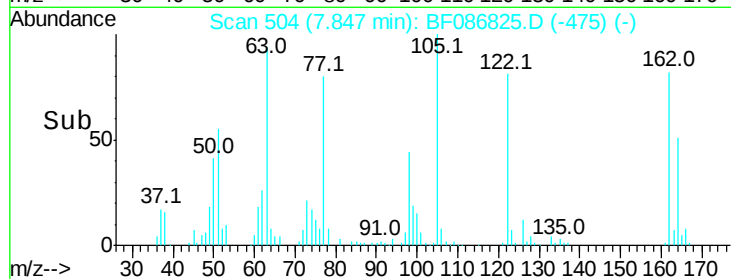
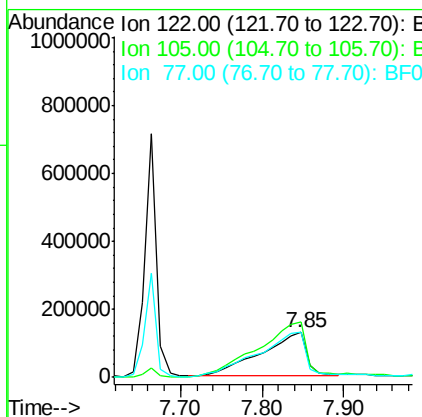
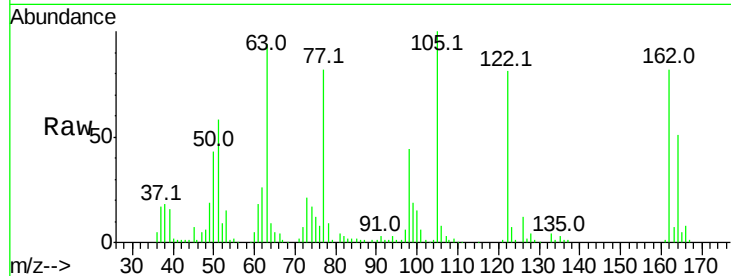
#32
Benzoic acid
Concen: 91.18 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.03 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.6	92.6	132.6	
77	101.5	60.0	100.0	

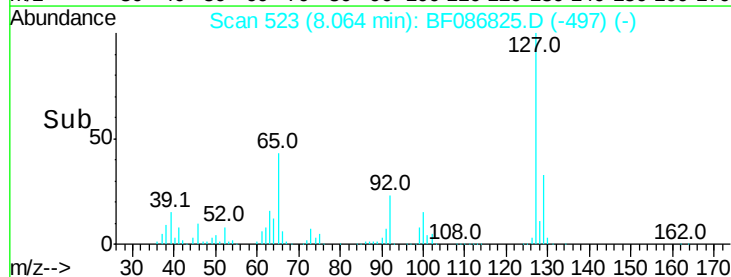
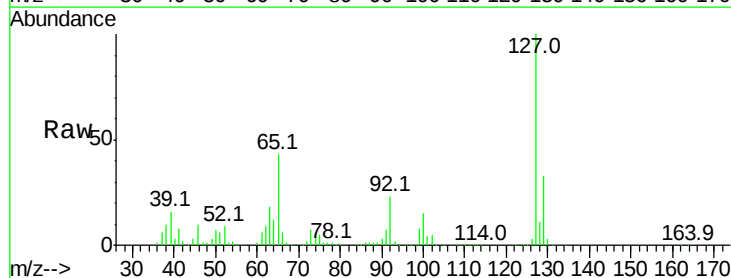
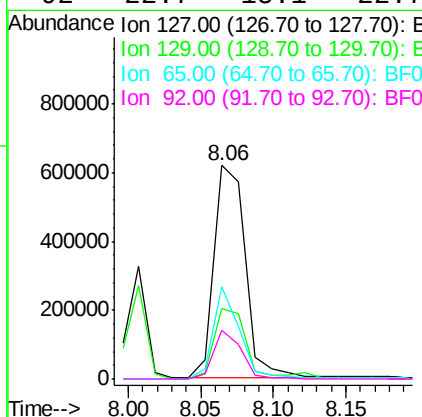
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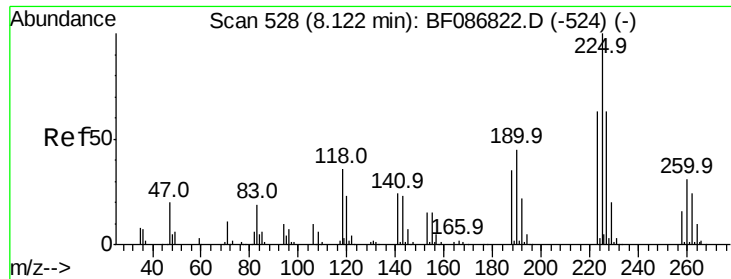
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#33
4-Chloroaniline
Concen: 70.18 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.2	39.4	
65	43.3	23.0	34.4	
92	22.7	15.1	22.7	





#34

Hexachlorobutadiene

Concen: 66.96 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

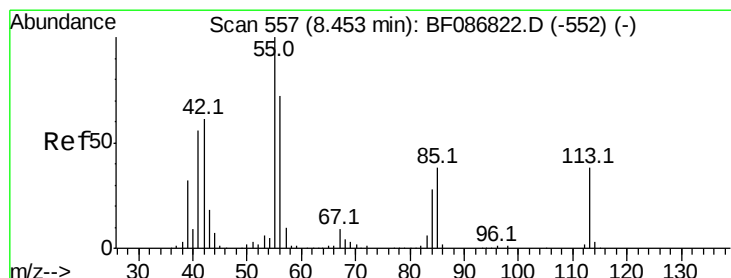
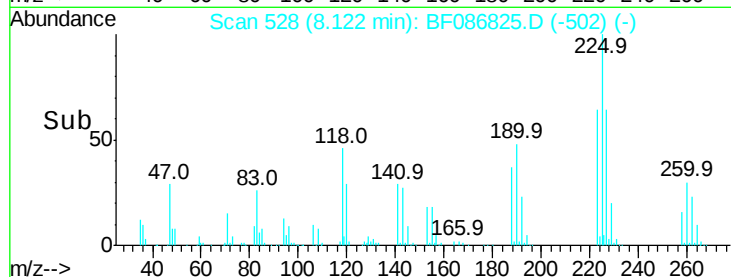
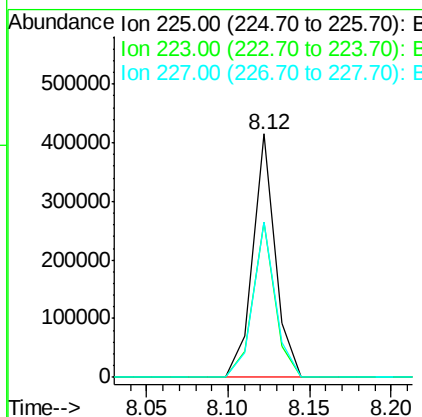
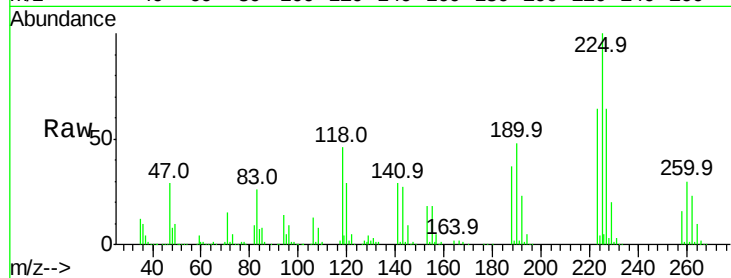
ClientSampled :

SSTDIC080

Tot Ion:	225	Resp:	396427
Ion Ratio	Lower	Upper	
225	100		
223	63.7	51.5	77.3
227	63.8	52.2	78.2

Manual Integrations
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#35

Caprolactam

Concen: 86.29 ng m

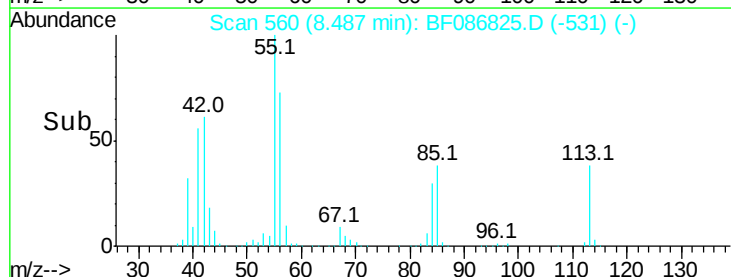
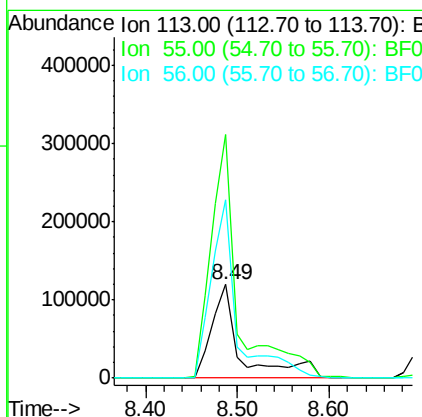
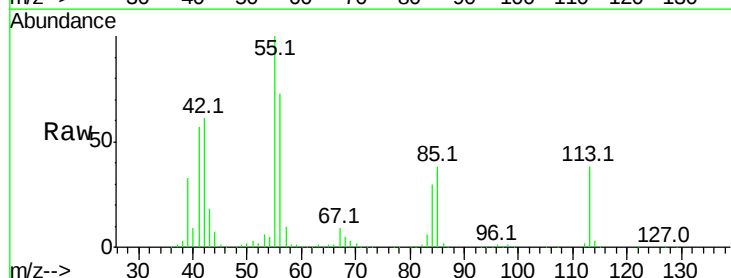
RT: 8.49 min Scan# 560

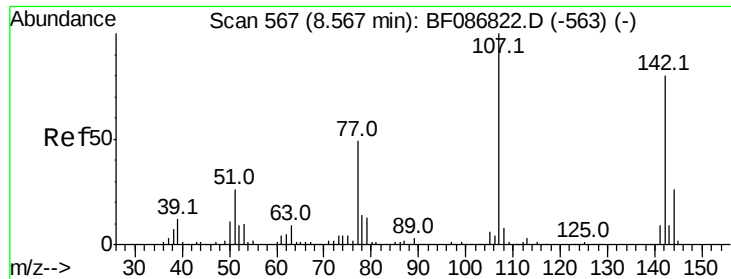
Delta R.T. 0.03 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Tgt Ion:	113	Resp:	262037
Ion Ratio	Lower	Upper	
113	100		
55	260.3	162.0	202.0#
56	191.1	115.3	155.3#





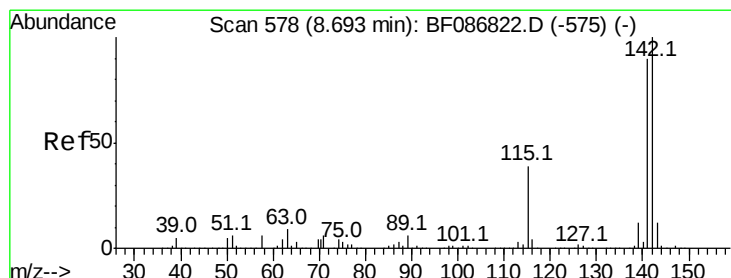
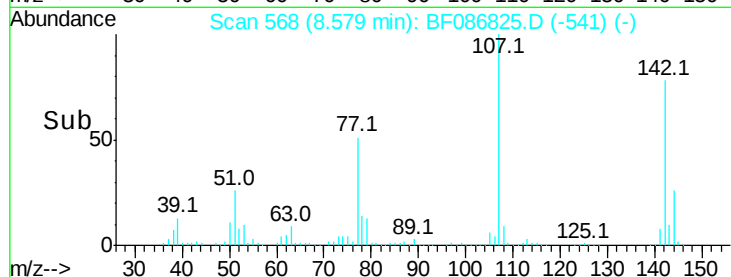
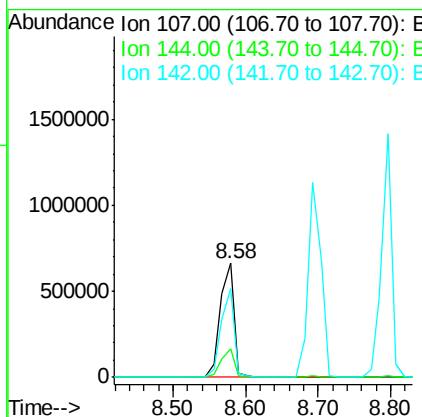
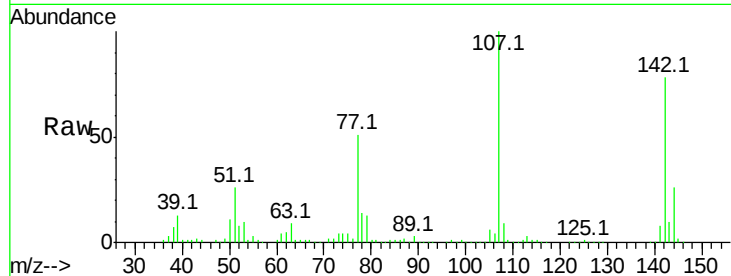
#36
 4-Chloro-3-methylphenol
 Concen: 84.12 ng
 RT: 8.58 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion:107 Resp: 876743
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.7 31.1
 142 77.7 63.2 94.8

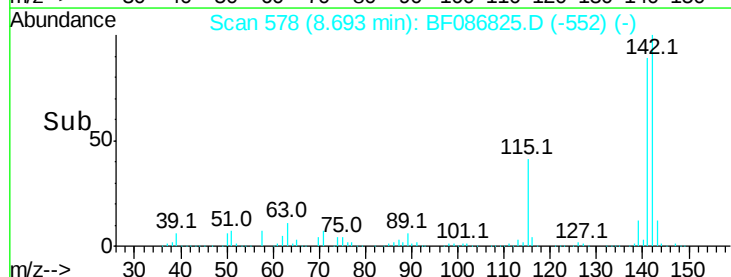
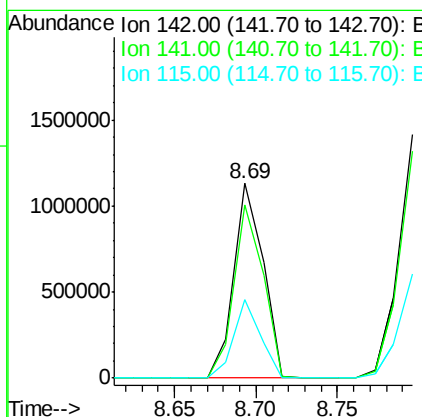
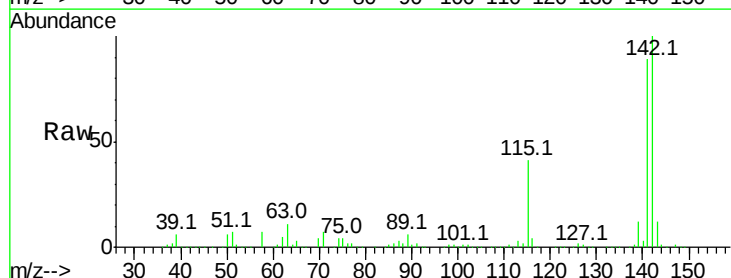
Manual Integrations
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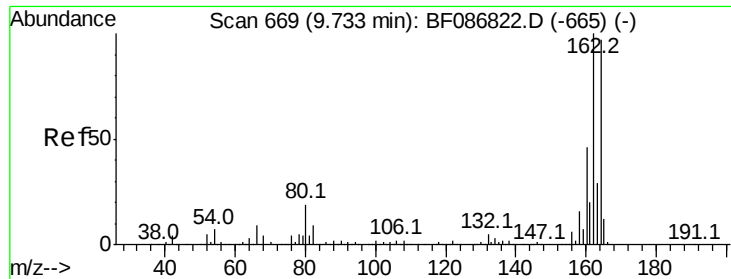
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#37
 2-Methylnaphthalene
 Concen: 66.77 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Tgt Ion:142 Resp: 1403001
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.0 106.6
 115 40.6 26.6 39.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

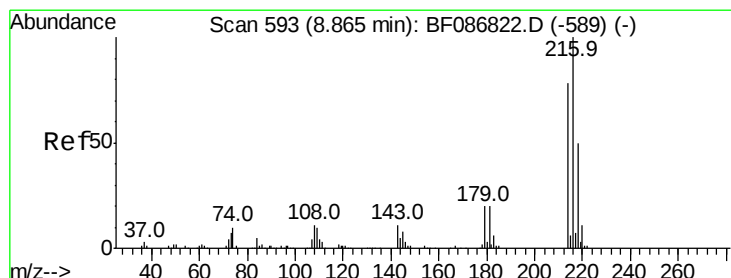
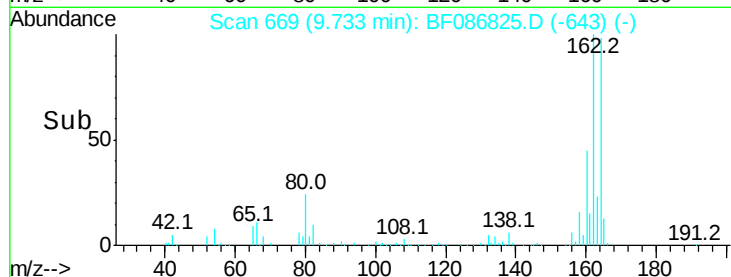
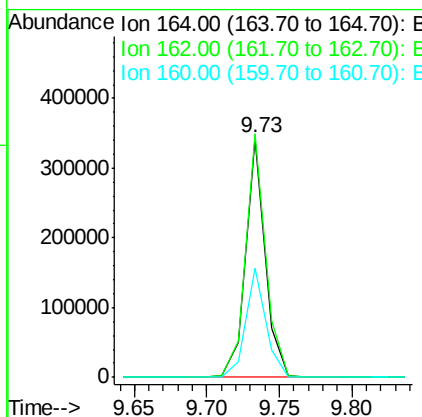
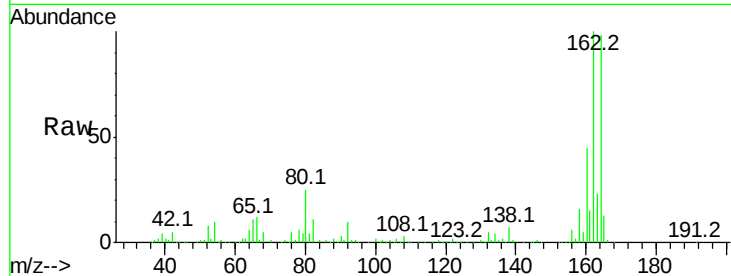
ClientSampleId :

SSTDIC080

Tot Ion:	164	Resp:	321015
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.8	124.2
160	45.6	36.9	55.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 72.73 ng

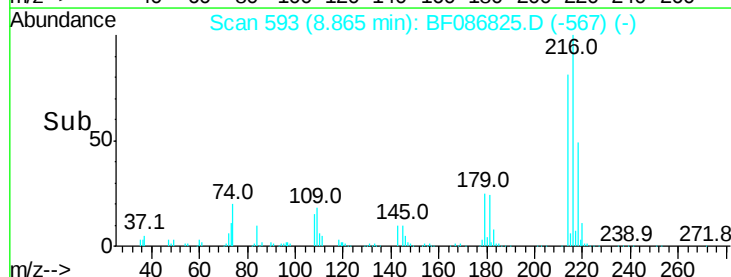
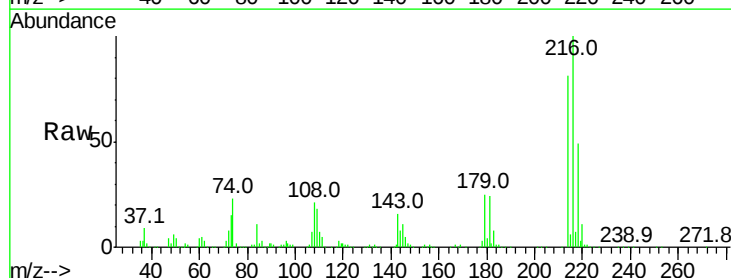
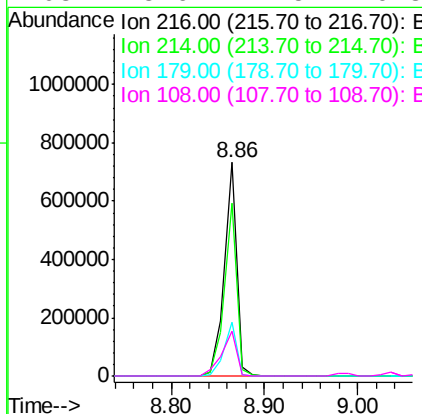
RT: 8.86 min Scan# 593

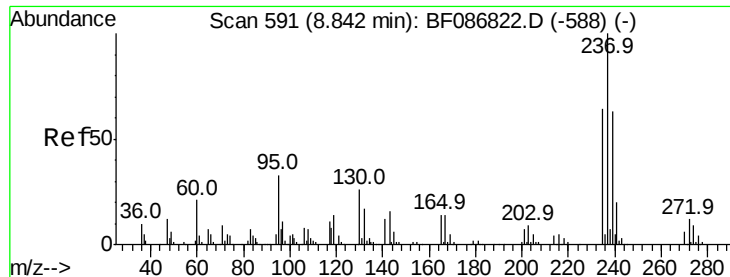
Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Tgt Ion:	216	Resp:	668328
Ion Ratio	Lower	Upper	
216	100		
214	80.2	62.6	93.8
179	25.3	18.2	27.4
108	25.6	17.5	26.3





#40

Hexachlorocyclopentadiene

Concen: 84.46 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

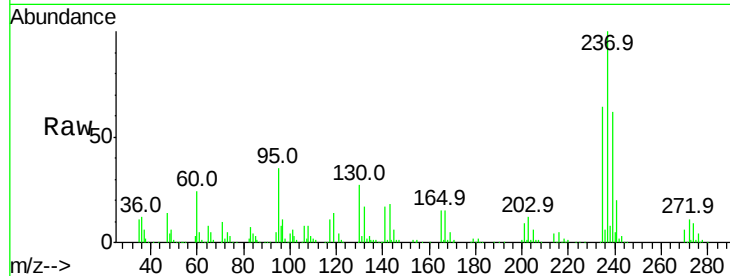
ClientSampleId :

SSTDIC080

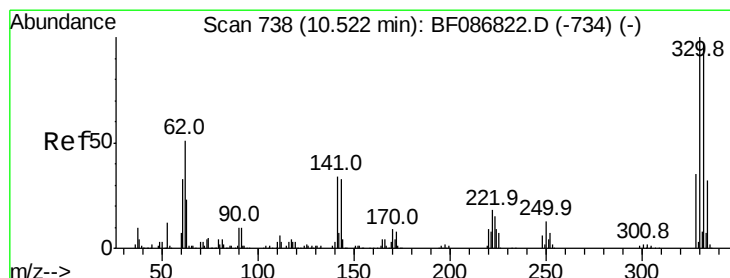
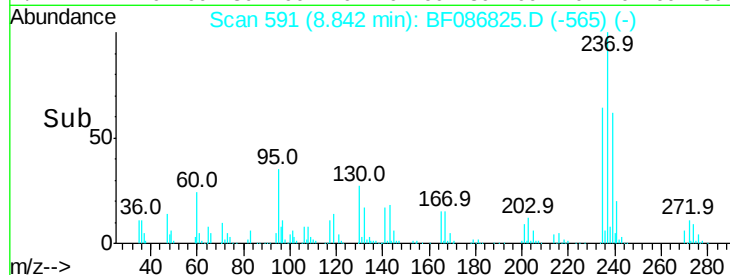
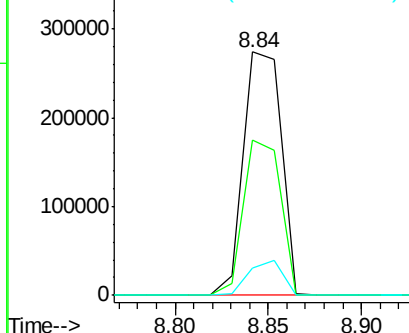
Tot Ion:	237	Resp:	385673
Ion Ratio	Lower	Upper	
237	100		
235	64.0	47.2	87.2
272	11.5	0.0	31.1

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 175.37 ng

RT: 10.53 min Scan# 739

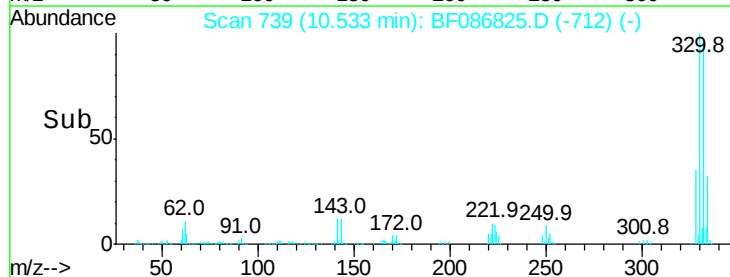
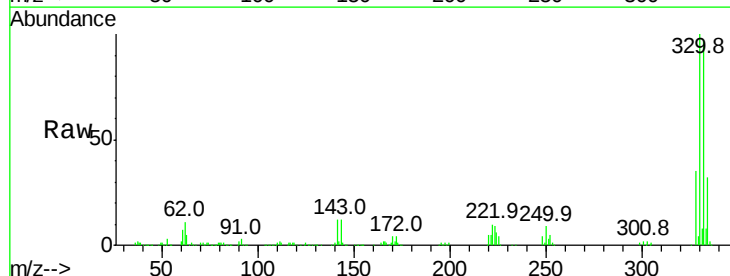
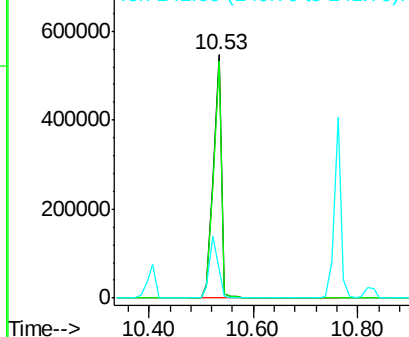
Delta R.T. 0.01 min

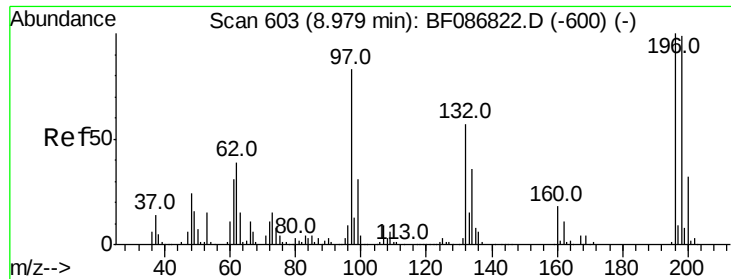
Lab File: BF086825.D

Acq: 9 May 2016 15:06

Tgt Ion:	330	Resp:	593688
Ion Ratio	Lower	Upper	
330	100		
332	96.6	79.0	118.4
141	27.7	31.2	46.8#

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





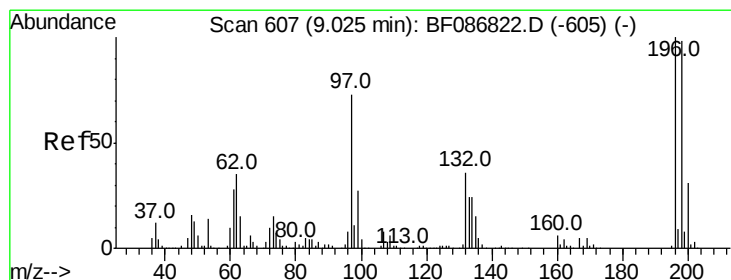
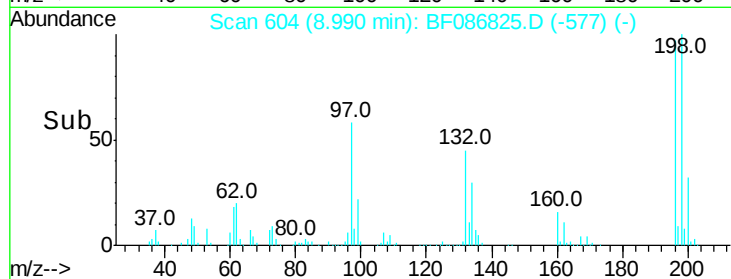
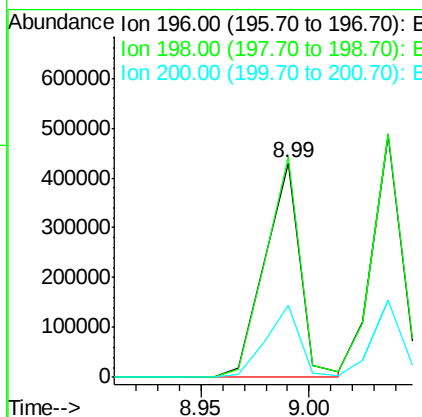
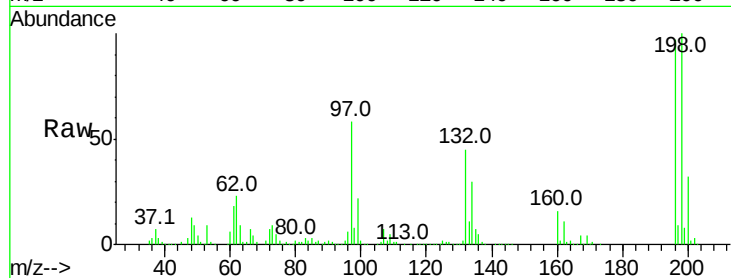
#42
 2,4,6-Trichlorophenol
 Concen: 84.27 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	489499		
198	103.0	74.7	112.1	
200	33.4	23.8	35.6	

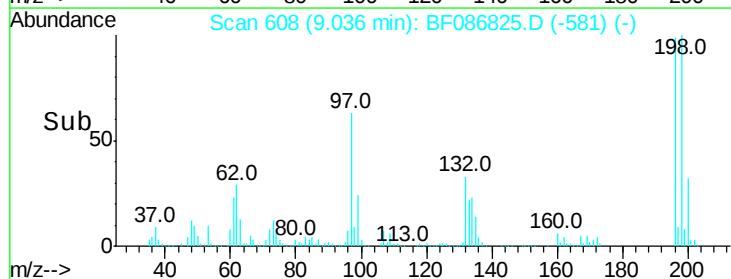
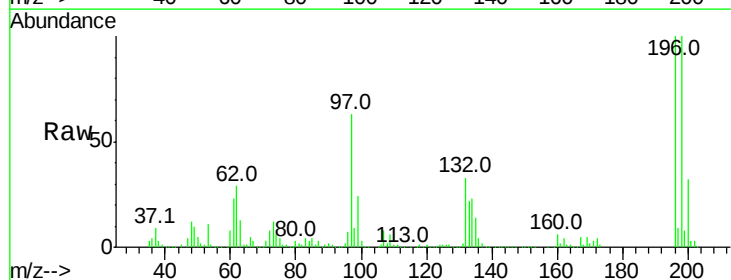
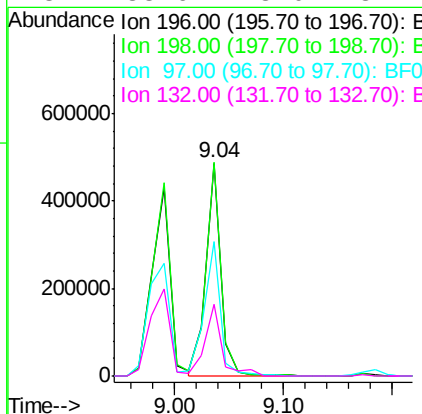
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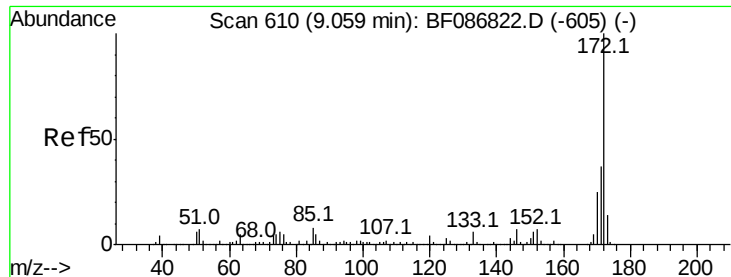
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 5/10/2016 11:05:48 AM



#43
 2,4,5-Trichlorophenol
 Concen: 74.30 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	470407		
198	100.5	77.5	116.3	
97	63.5	34.8	52.2	
132	33.6	23.0	34.4	





#44

2-Fluorobiphenyl

Concen: 150.48 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:172 Resp: 2854335

Ion Ratio Lower Upper

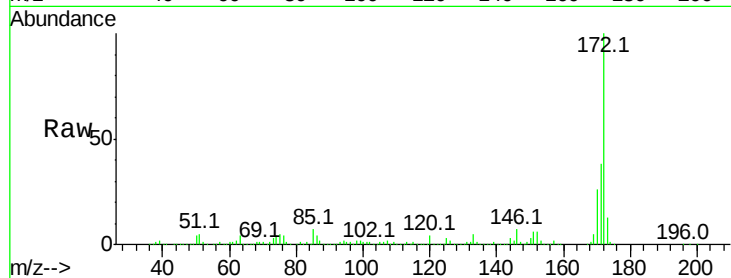
172 100

171 37.6 29.0 43.6

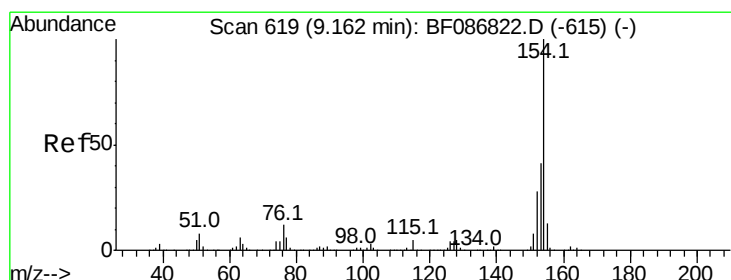
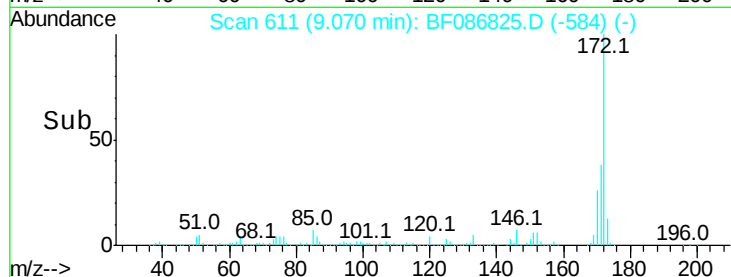
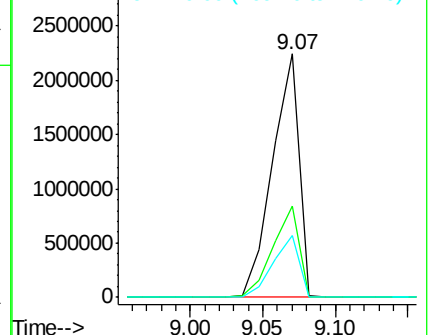
170 25.6 19.8 29.8

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 62.59 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

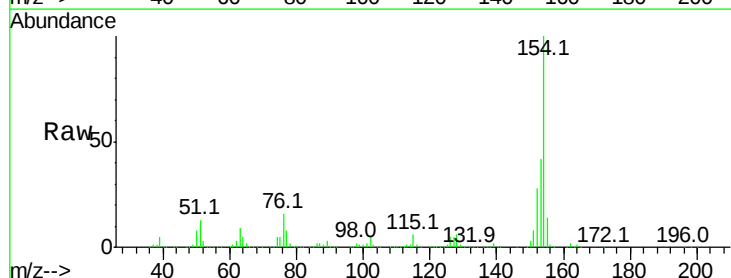
Tgt Ion:154 Resp: 1679353

Ion Ratio Lower Upper

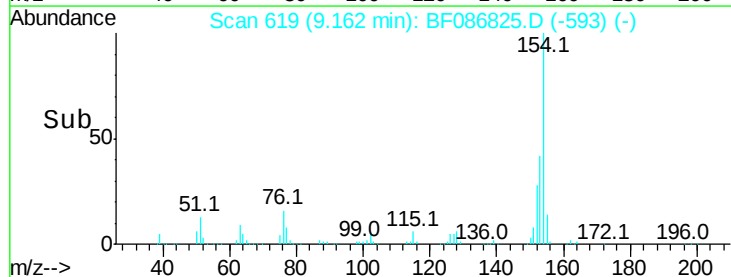
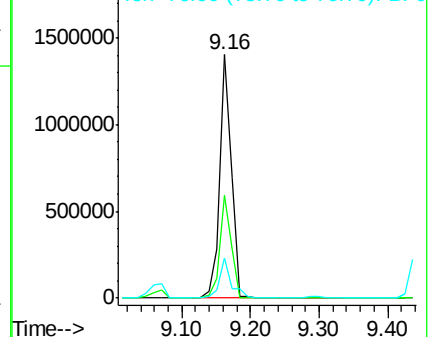
154 100

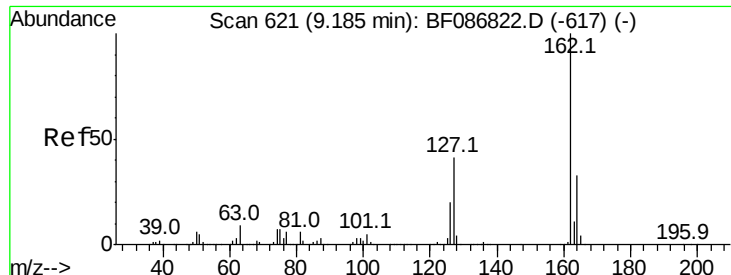
153 42.1 20.3 60.3

76 16.4 0.0 30.2



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





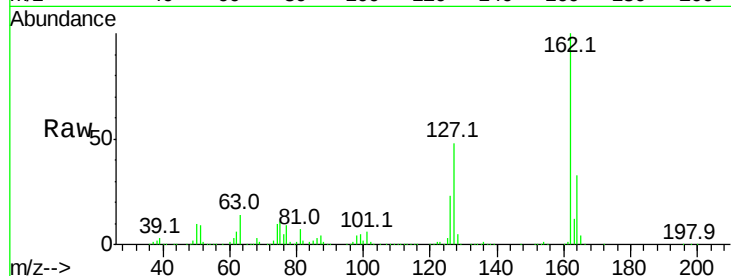
#46
2-Chloronaphthalene
Concen: 66.20 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

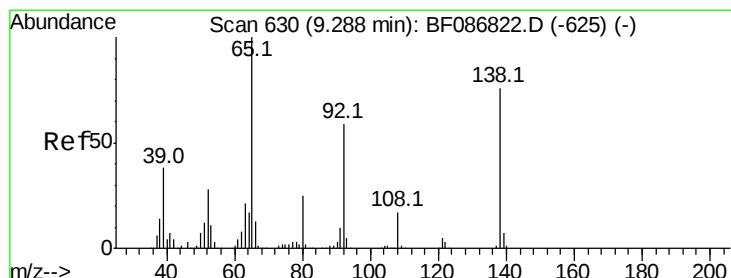
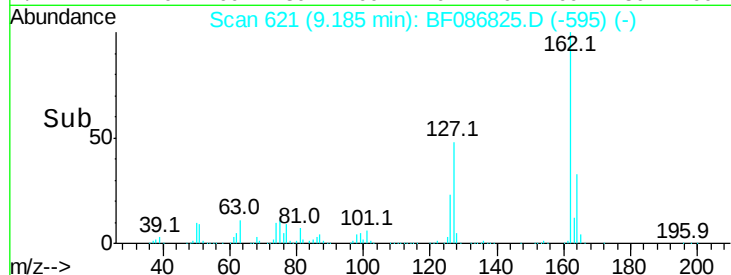
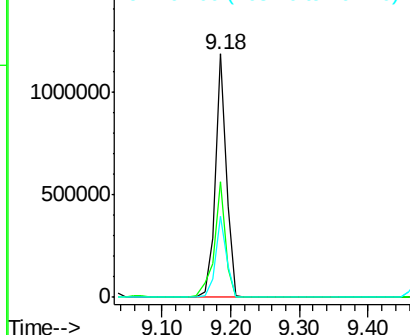
Tot Ion	Ratio	Lower	Upper
162	100		
127	47.6	31.8	47.6
164	33.1	27.0	40.6

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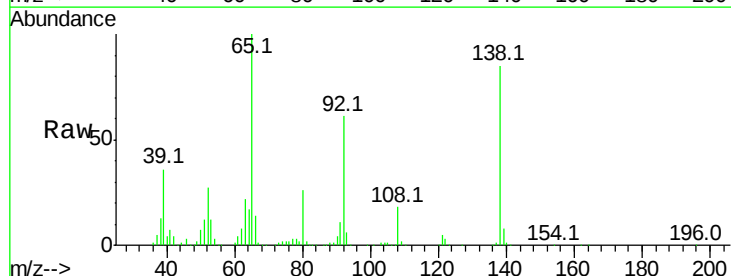


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

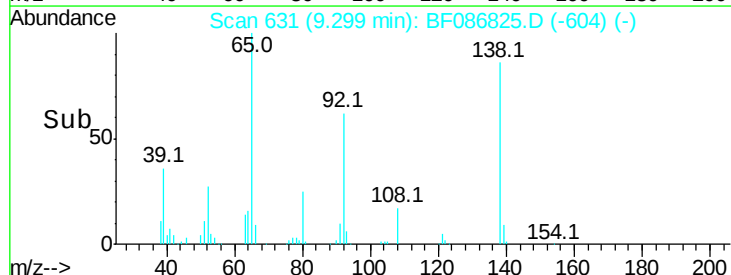
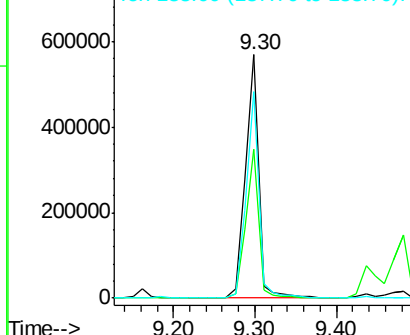


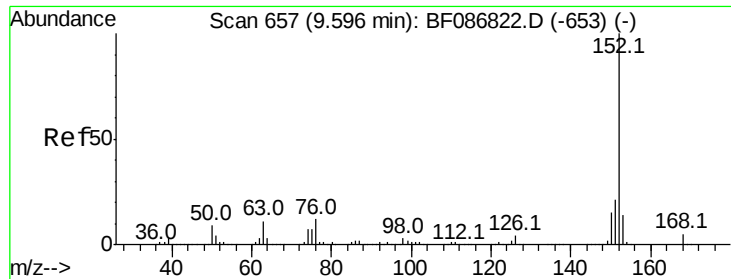
#47
2-Nitroaniline
Concen: 97.65 ng
RT: 9.30 min Scan# 631
Delta R.T. 0.01 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.2	57.4	86.2
138	84.9	90.1	135.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 64.02 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 2041677

Ion Ratio Lower Upper

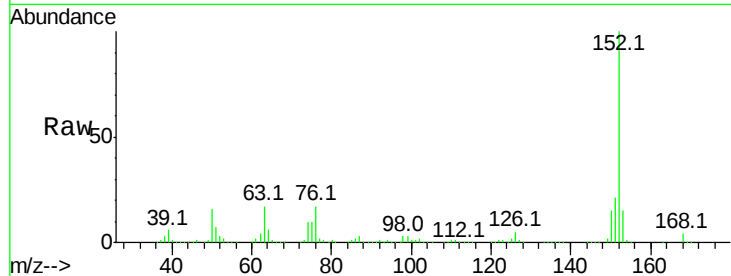
152 100

151 21.3 16.8 25.2

153 14.9 10.9 16.3

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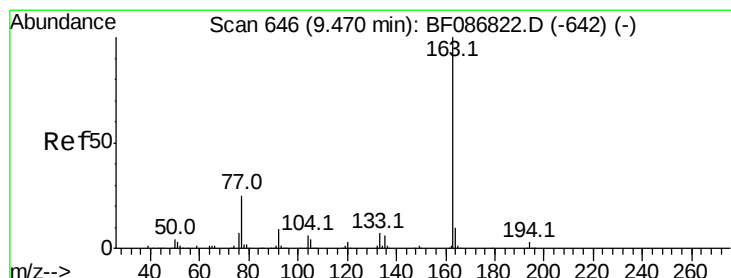
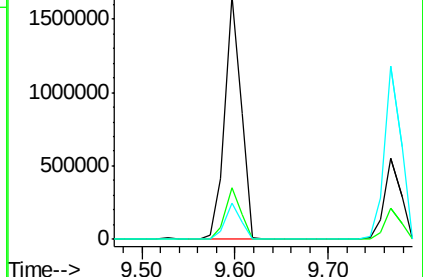
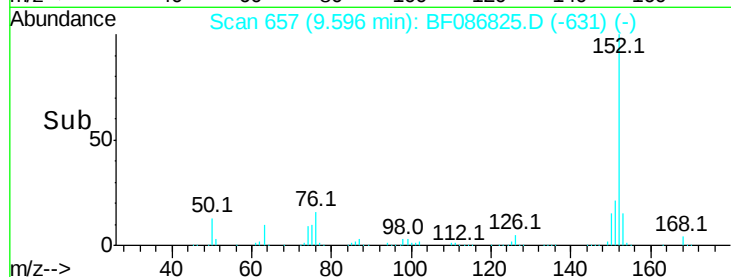
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 74.16 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

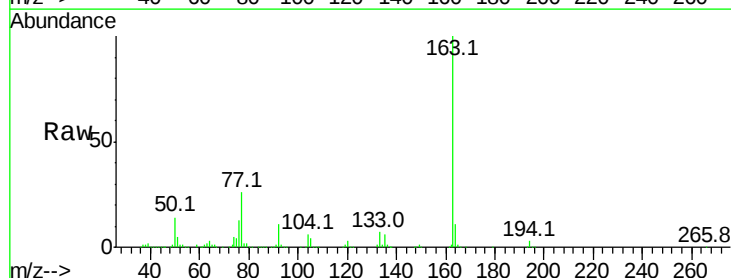
Tgt Ion:163 Resp: 1792229

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

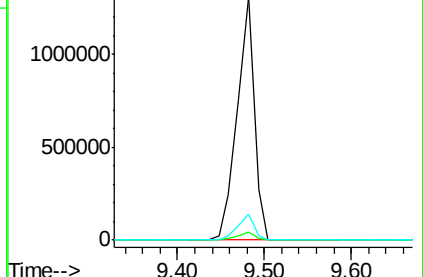
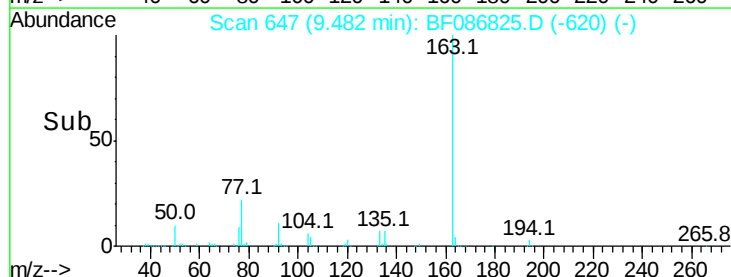
164 10.8 8.2 12.4

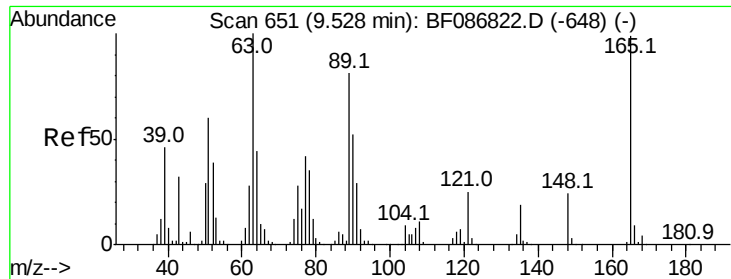


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





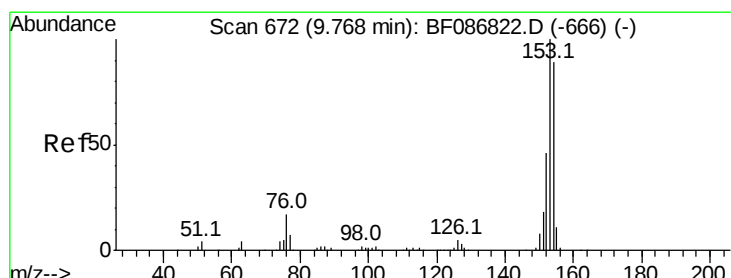
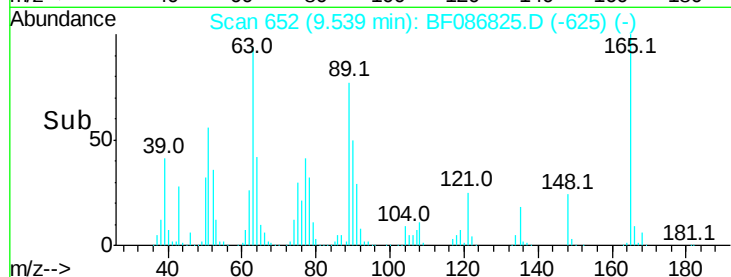
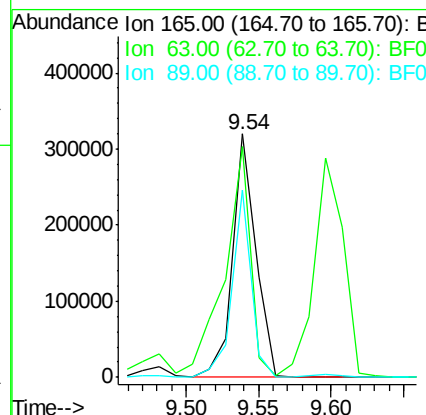
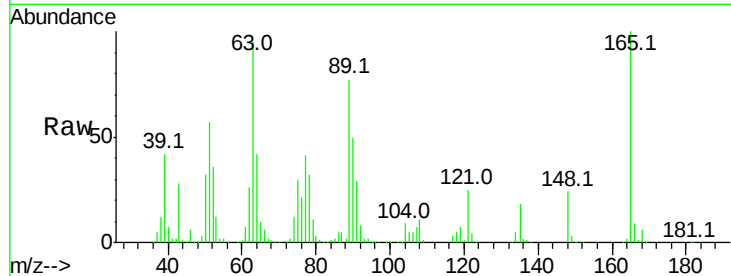
#50
2,6-Dinitrotoluene
Concen: 71.14 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100	355173		
63	94.6	51.8	77.8#	
89	76.7	50.7	76.1#	

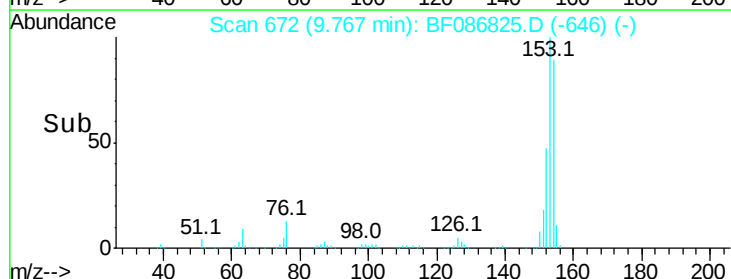
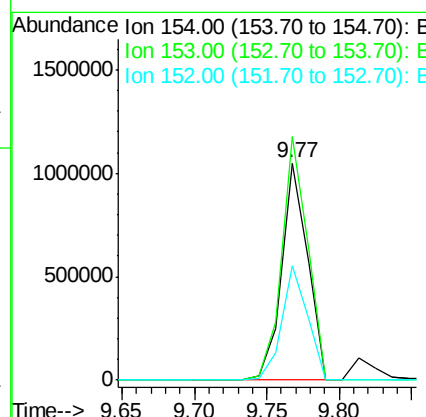
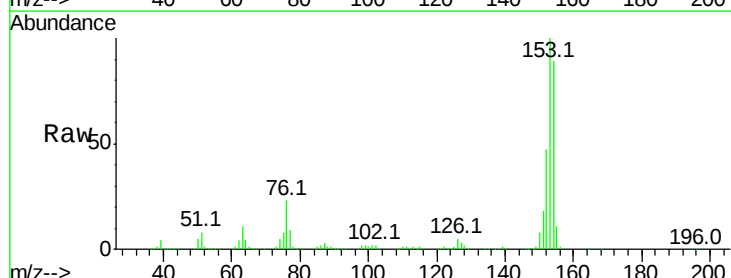
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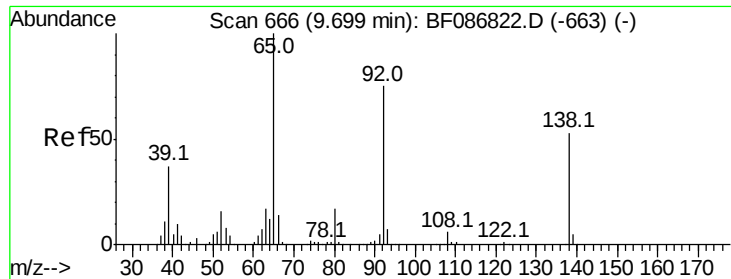
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#51
Acenaphthene
Concen: 63.28 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1296283		
153	112.0	89.8	134.6	
152	52.9	43.4	65.0	





#52

3-Nitroaniline

Concen: 73.84 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

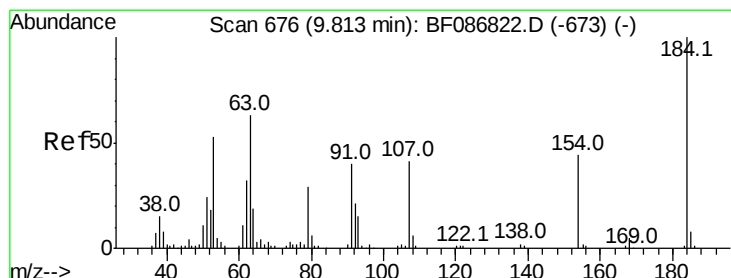
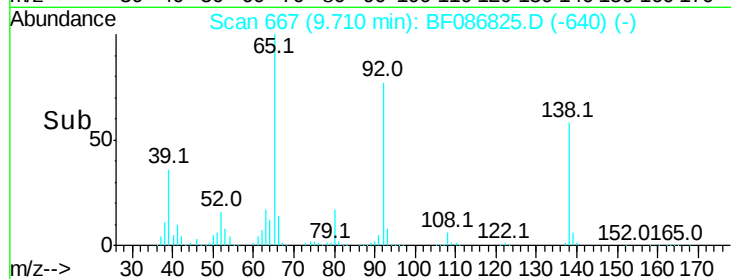
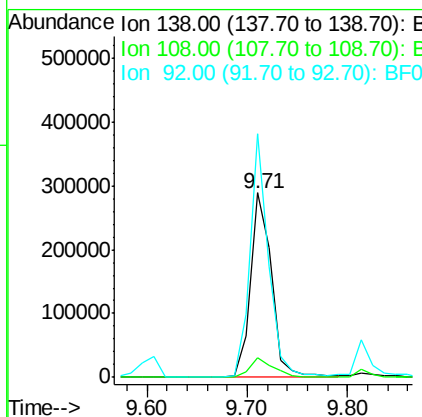
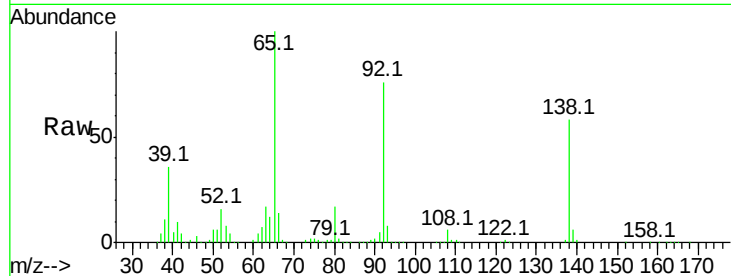
ClientSampled :

SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.0	7.8	11.6	
92	132.2	87.8	131.8	

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#53

2,4-Dinitrophenol

Concen: 93.28 ng

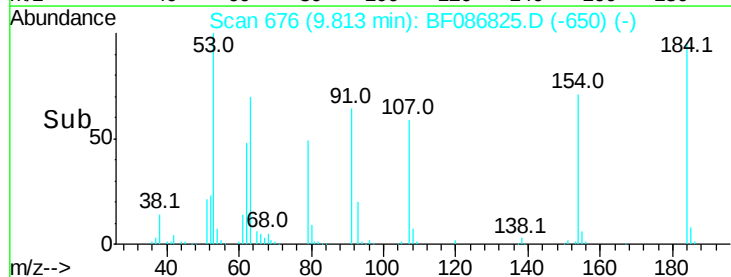
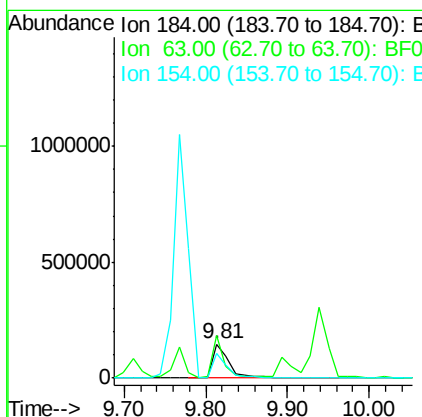
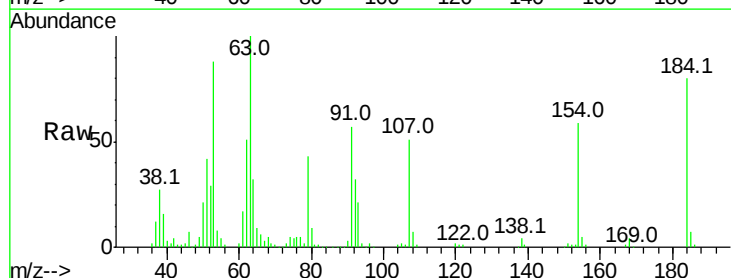
RT: 9.81 min Scan# 676

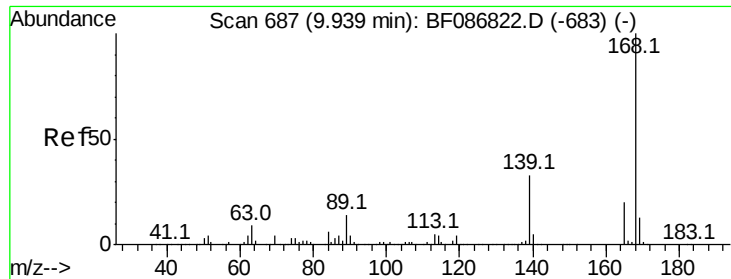
Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	124.7	55.8	83.8	
154	74.2	62.4	93.6	





#54

Dibenzenofuran

Concen: 61.91 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:168 Resp: 1585046

Ion Ratio Lower Upper

168 100

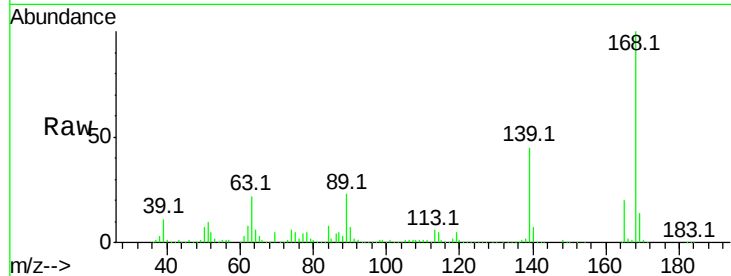
139 44.9 31.4 47.0

169 14.0 10.7 16.1

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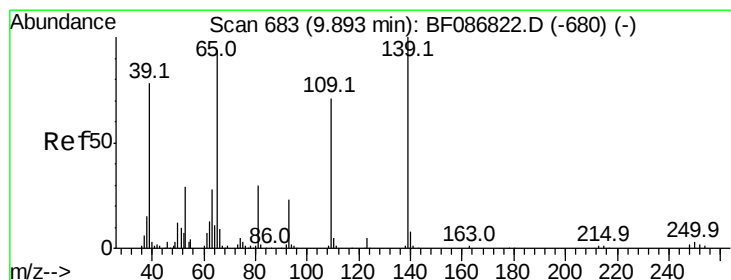
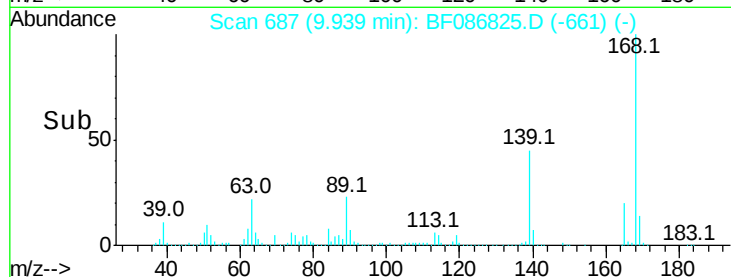
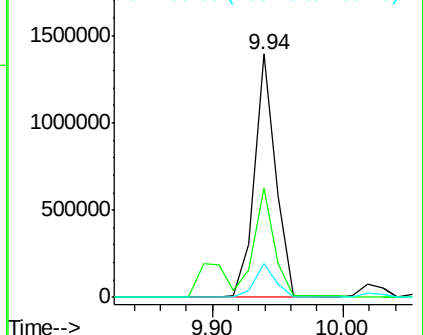
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 77.33 ng m

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

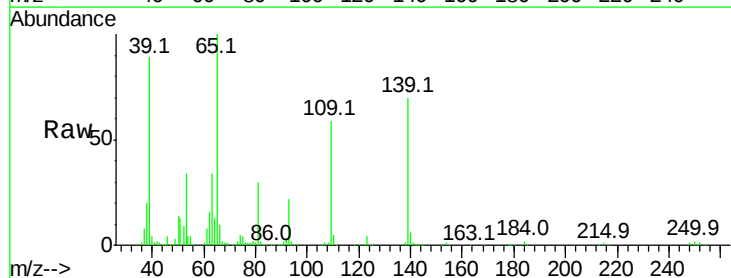
Tgt Ion:139 Resp: 287494

Ion Ratio Lower Upper

139 100

109 83.3 36.9 76.9#

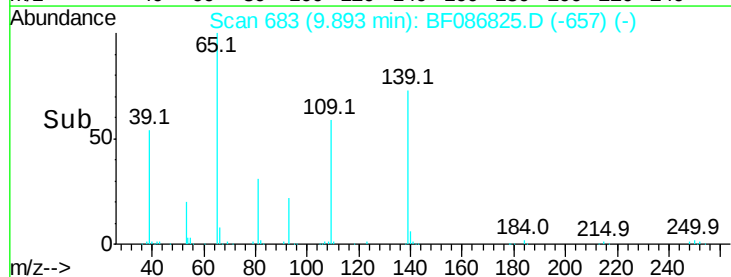
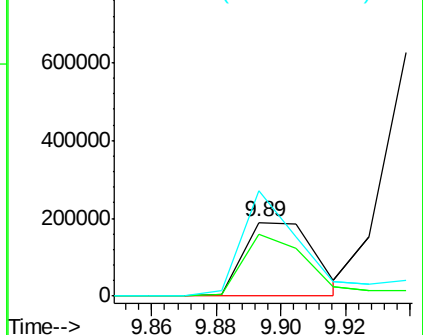
65 142.0 64.0 104.0#

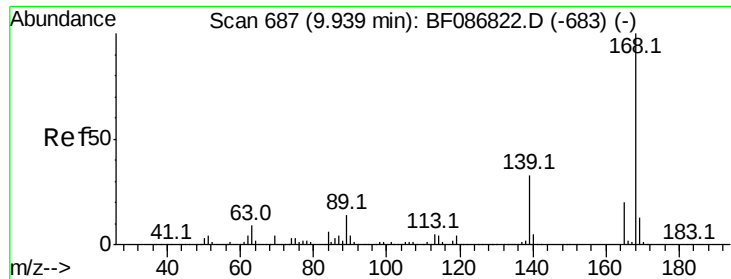


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





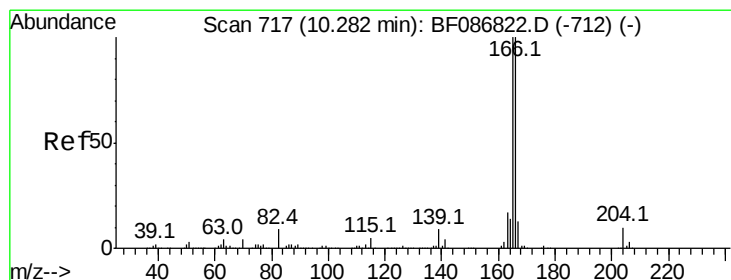
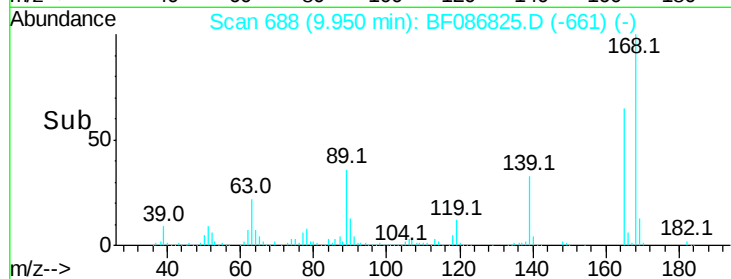
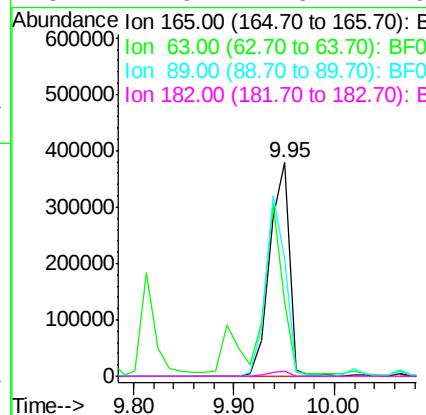
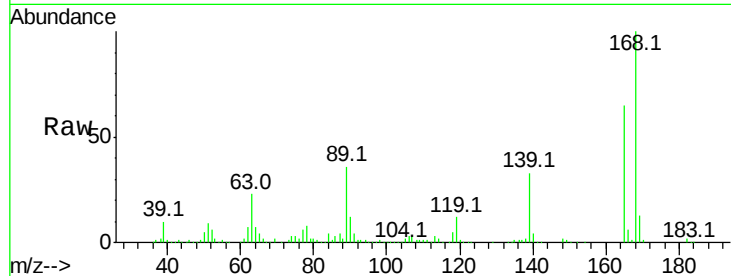
#56
2,4-Dinitrotoluene
Concen: 80.41 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100	511771		
63	34.5	44.3	66.5#	
89	54.9	70.0	105.0#	
182	2.6	1.8	2.6	

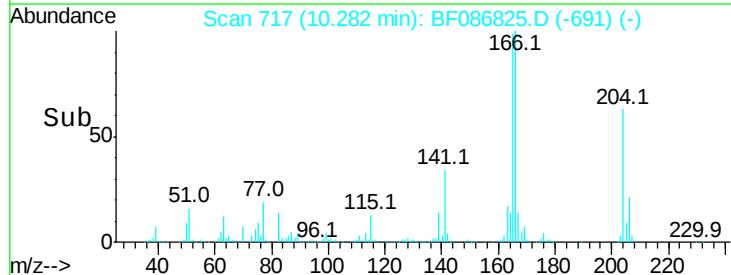
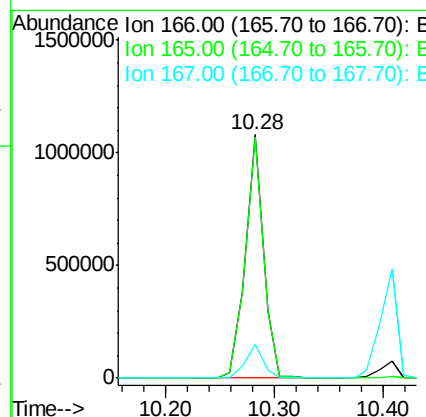
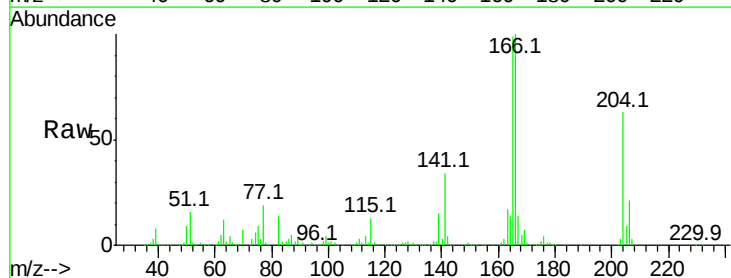
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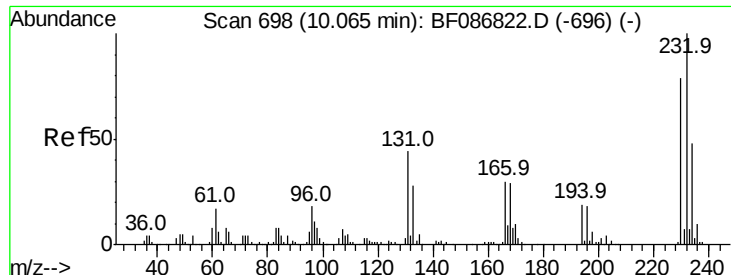
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#57
Fluorene
Concen: 55.90 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1242427		
165	99.1	79.0	118.6	
167	13.8	10.6	15.8	





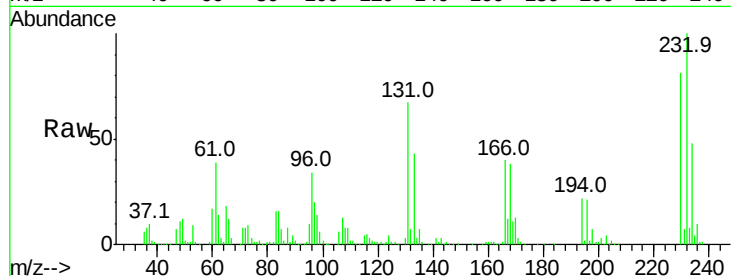
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 68.90 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

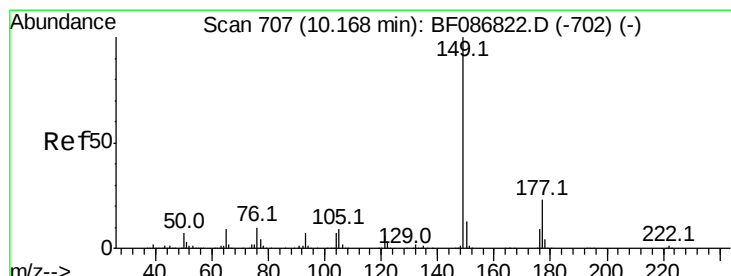
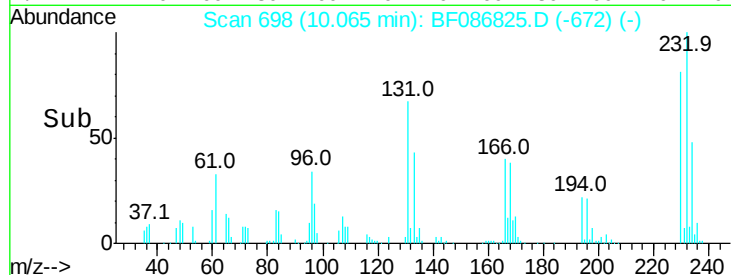
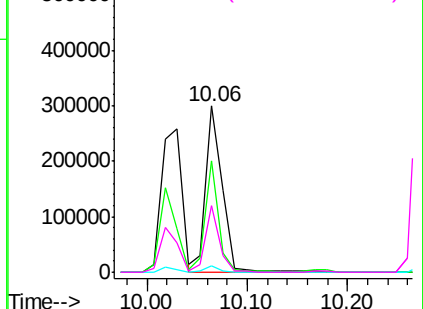
Tot Ion	Ratio	Resp	Lower	Upper
232	100	341023		
131	53.7		41.9	62.9
130	2.7		2.2	3.4
166	33.3		26.8	40.2

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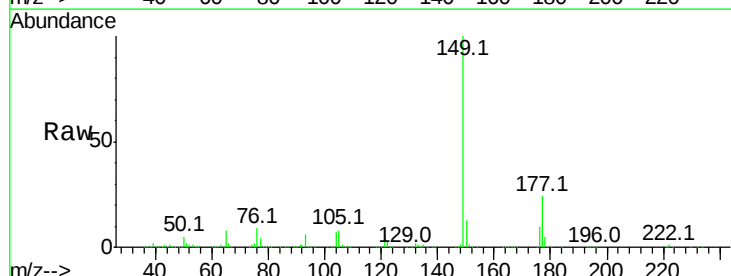


Abundance Ion 232.00 (231.70 to 232.70): E
 600000
 Ion 131.00 (130.70 to 131.70): E
 500000
 Ion 130.00 (129.70 to 130.70): E
 400000
 Ion 166.00 (165.70 to 166.70): E
 300000
 200000
 100000
 0

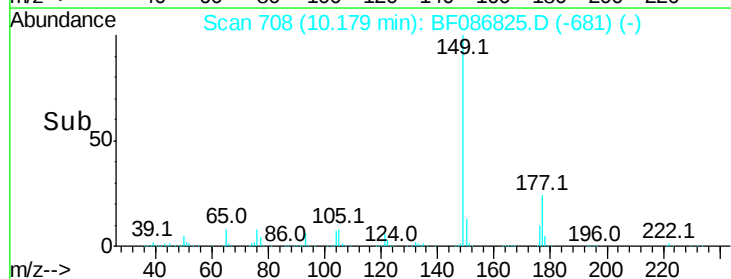
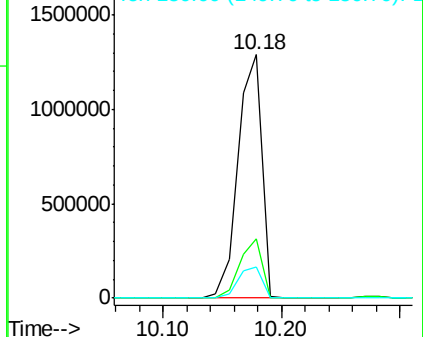


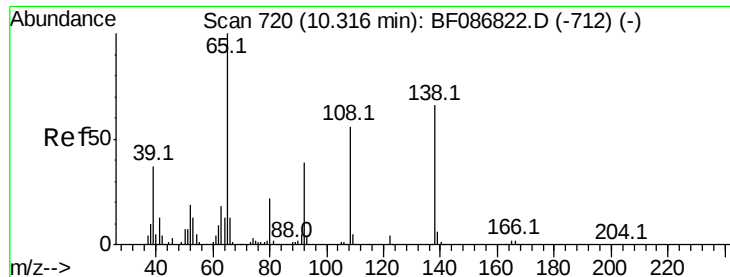
#59
 Diethylphthalate
 Concen: 78.64 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1799074		
177	24.4		16.6	24.8
150	12.6		10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000
 Ion 177.00 (176.70 to 177.70): E
 1000000
 Ion 150.00 (149.70 to 150.70): E
 500000
 0





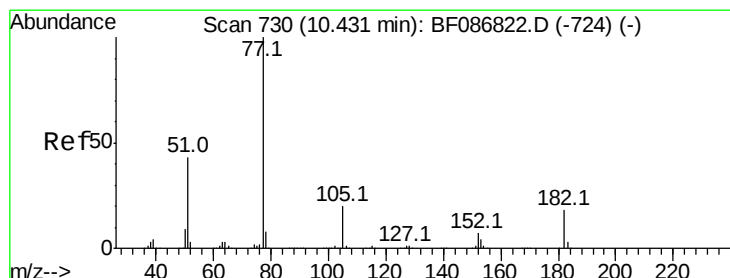
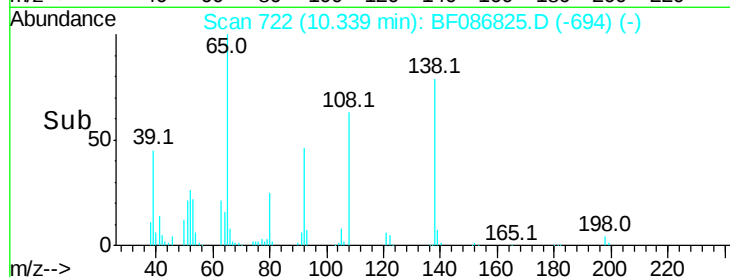
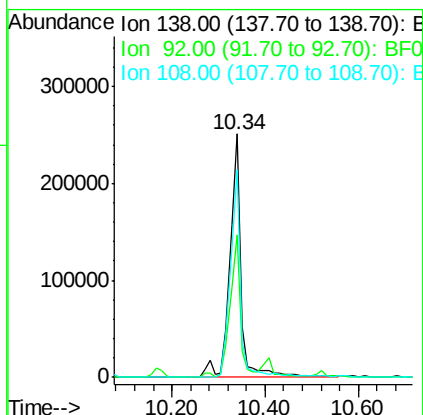
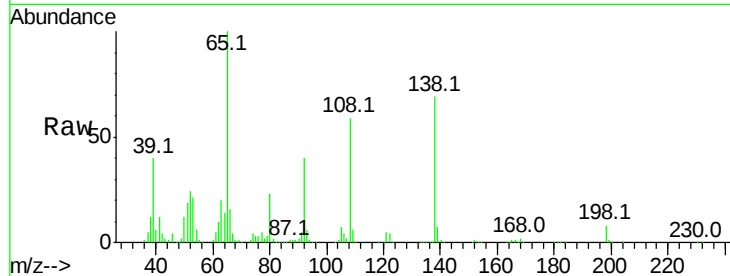
#61
4-Nitroaniline
Concen: 75.15 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.02 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.3	24.7	64.7
108	85.3	37.4	77.4

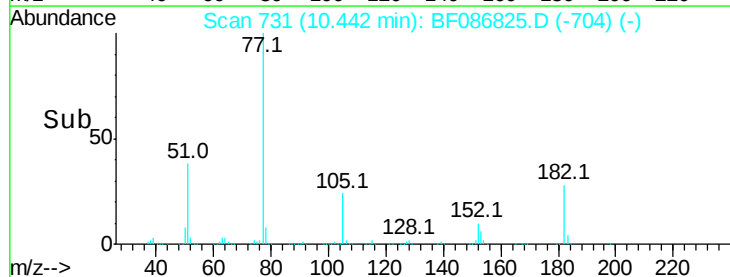
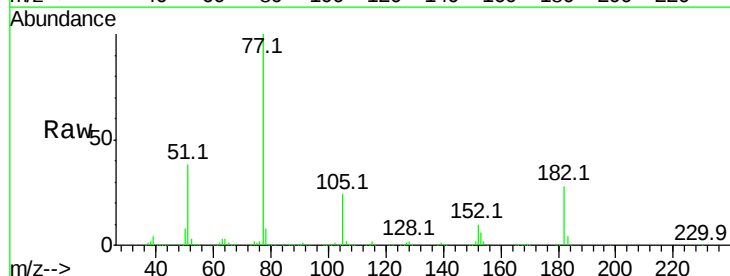
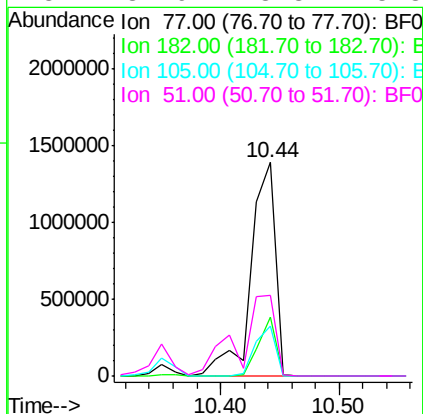
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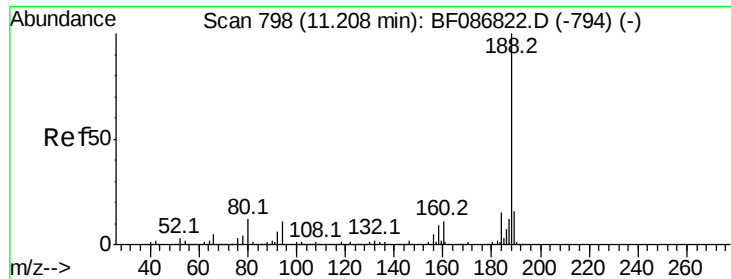
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#62
Azobenzene
Concen: 79.94 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	0.0	38.8
105	23.7	3.2	43.2
51	37.9	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

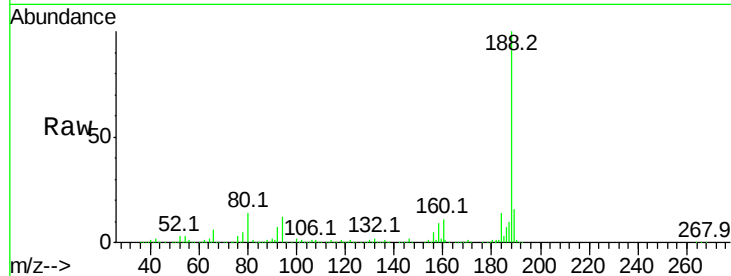
ClientSampleId :

SSTDIC080

Tot Ion:	188	Resp:	604799
Ion Ratio	Lower	Upper	
188	100		
94	12.3	6.8	10.2#
80	14.0	7.1	10.7#

Manual Integrations
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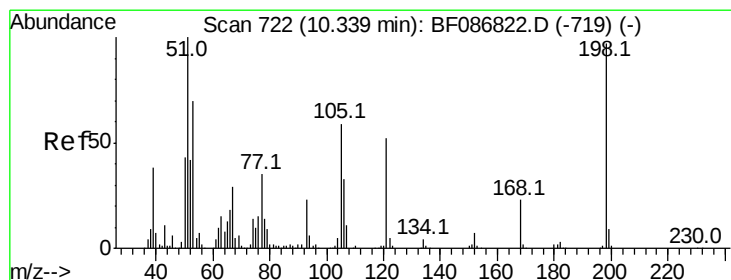
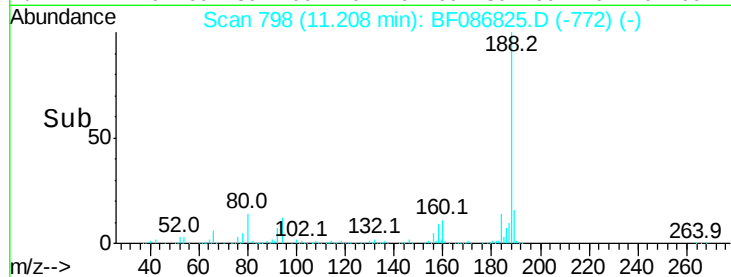
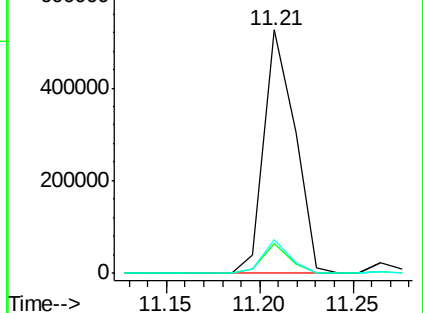
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 90.35 ng

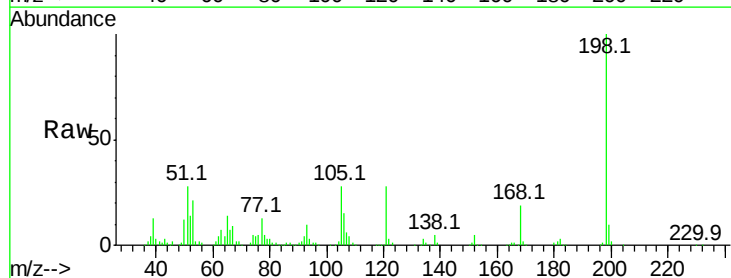
RT: 10.36 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

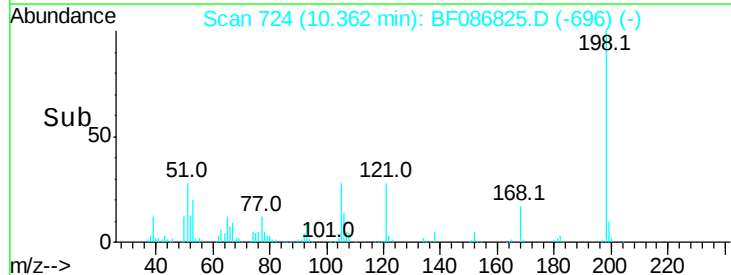
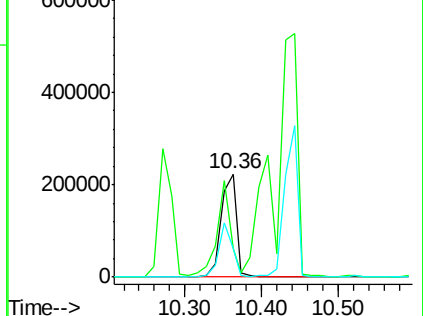
Tgt Ion:	198	Resp:	320787
Ion Ratio	Lower	Upper	
198	100		
51	28.1	20.5	60.5
105	28.1	24.5	64.5

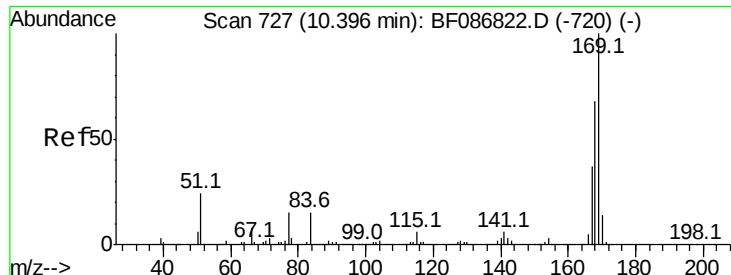


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 74.93 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:169 Resp: 1416392

Ion Ratio Lower Upper

169 100

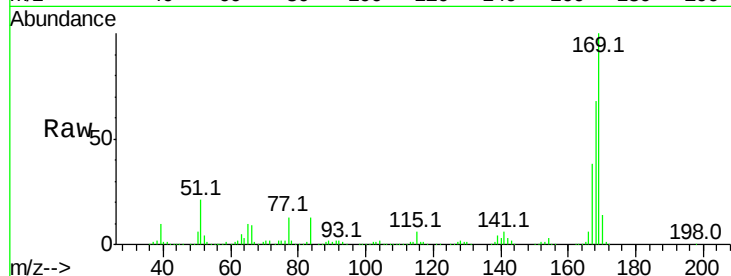
168 68.5 53.8 80.6

167 37.8 29.5 44.3

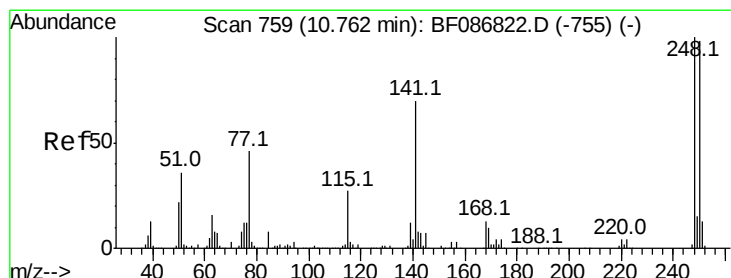
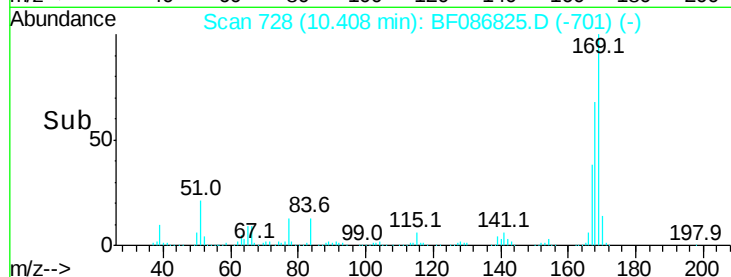
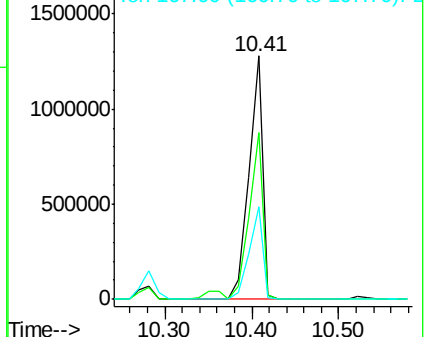
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 65.84 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

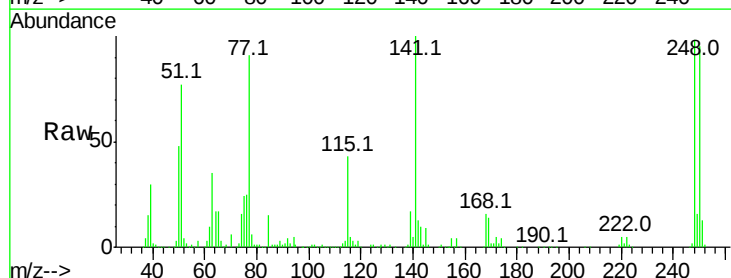
Tgt Ion:248 Resp: 410322

Ion Ratio Lower Upper

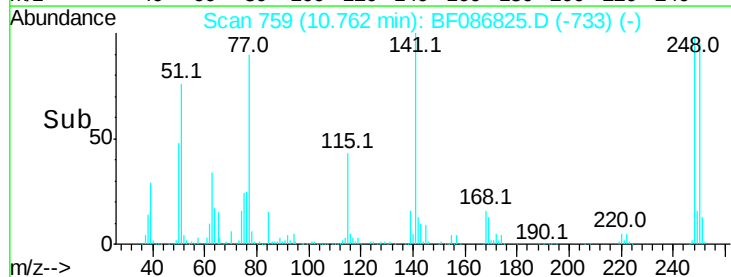
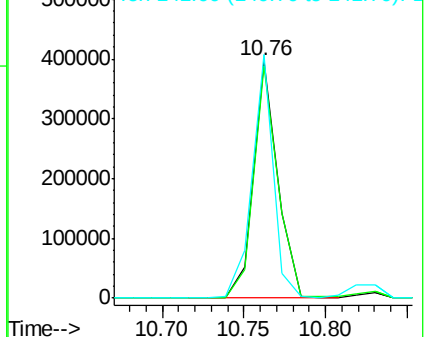
248 100

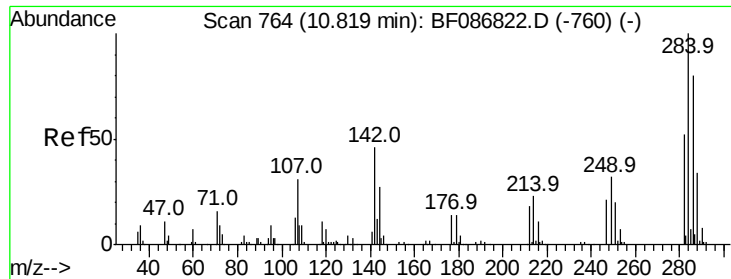
250 97.5 78.6 117.8

141 102.5 76.0 114.0



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





#67

Hexachlorobenzene

Concen: 76.85 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:284 Resp: 554347
Ion Ratio Lower Upper

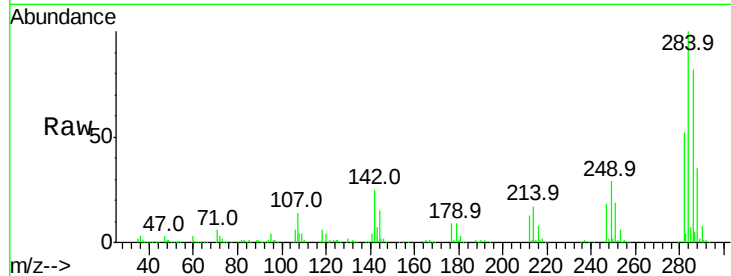
284 100

142 25.4 16.7 25.1#

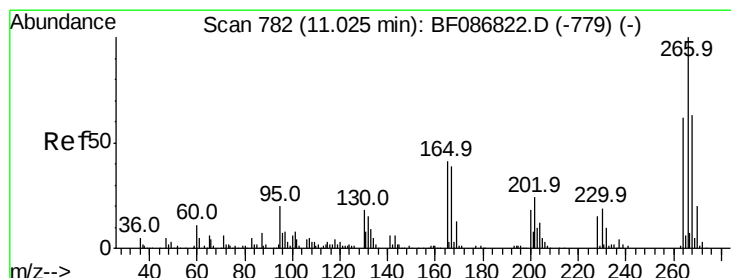
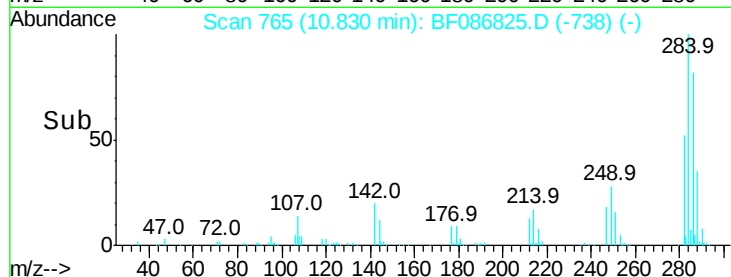
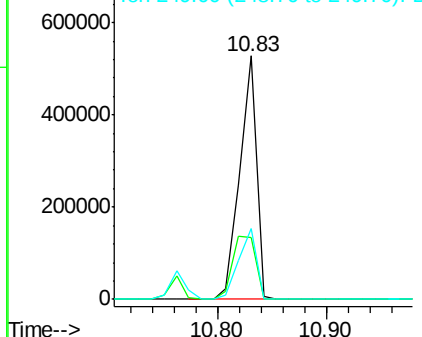
249 29.3 21.3 31.9

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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



#69

Pentachlorophenol

Concen: 68.65 ng

RT: 11.02 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF086825.D

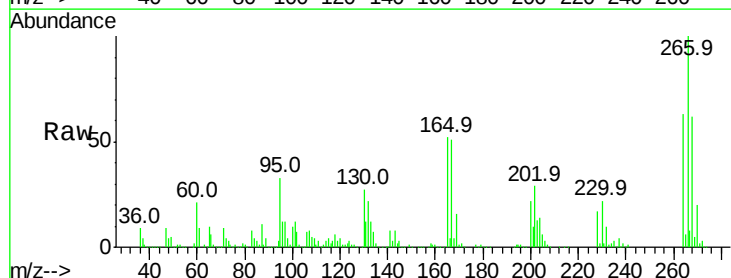
Acq: 9 May 2016 15:06

Tgt Ion:266 Resp: 261084
Ion Ratio Lower Upper

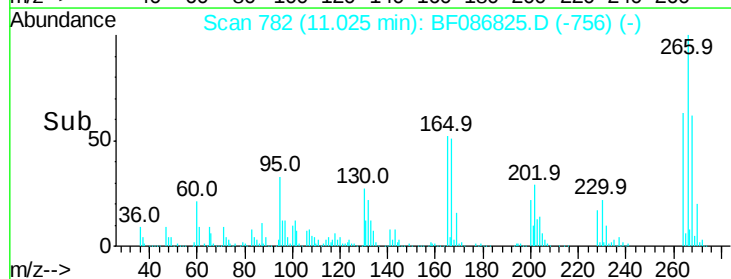
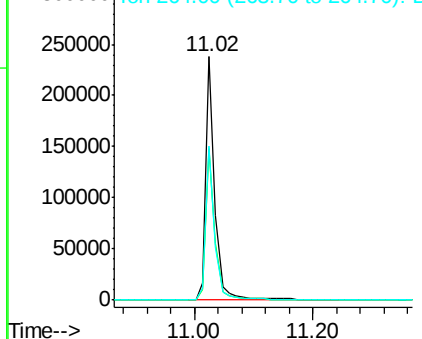
266 100

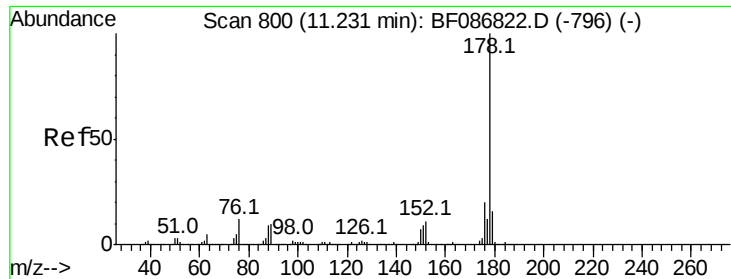
268 62.2 51.5 77.3

264 63.3 52.9 79.3



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: 72.15 ng

RT: 11.24 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:178 Resp: 2289936

Ion Ratio Lower Upper

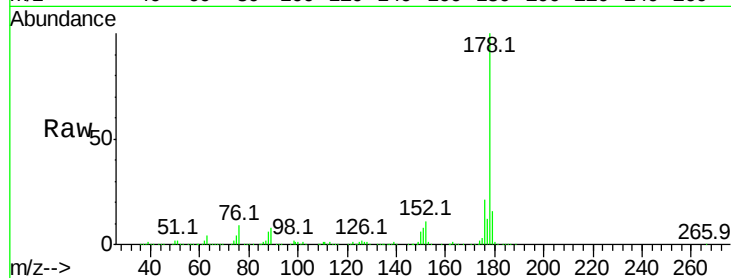
178 100

176 21.1 16.0 24.0

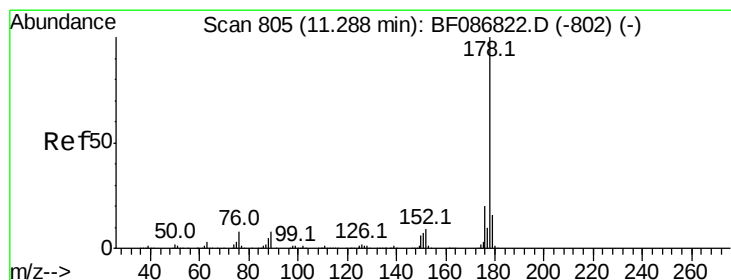
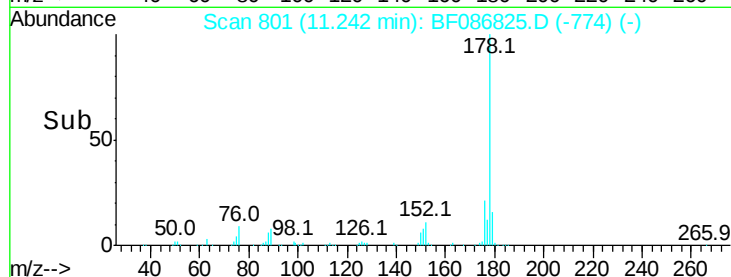
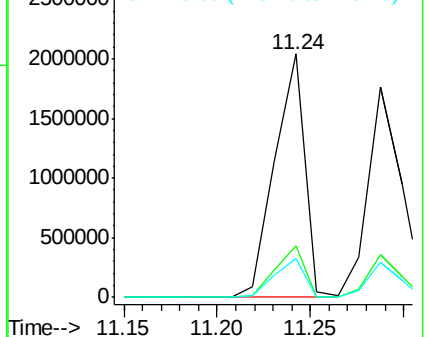
179 16.1 12.6 18.8

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



#71

Anthracene

Concen: 63.17 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Tgt Ion:178 Resp: 2139533

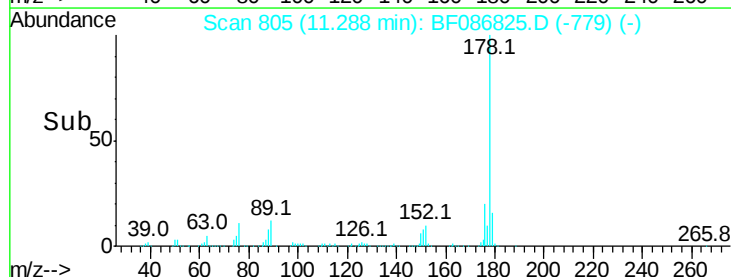
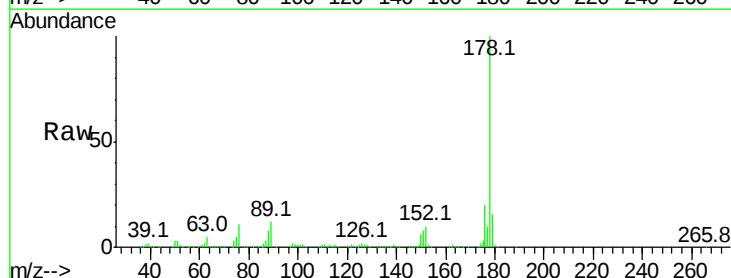
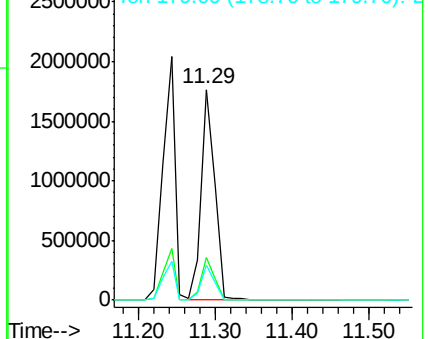
Ion Ratio Lower Upper

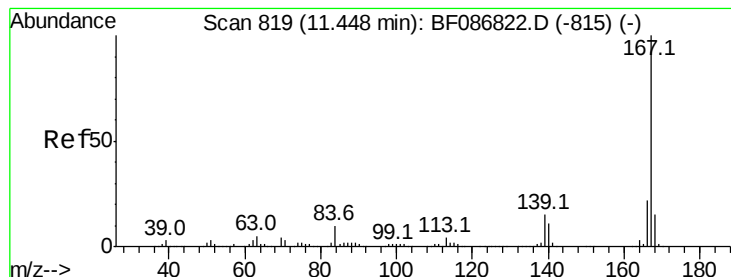
178 100

176 20.2 15.6 23.4

179 16.4 12.7 19.1

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





#72

Carbazole

Concen: 71.81 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:167 Resp: 2155934

Ion Ratio Lower Upper

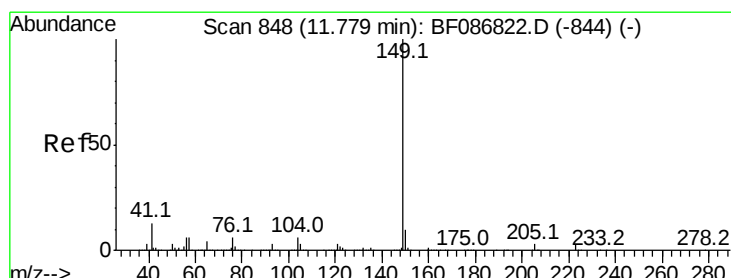
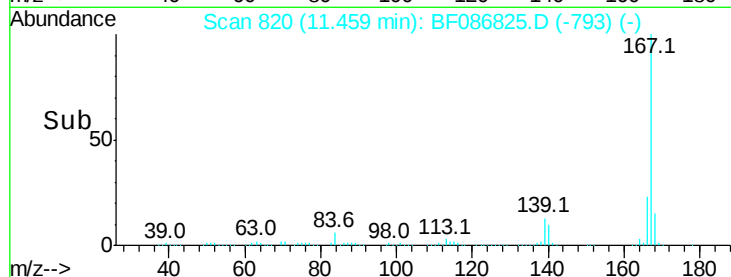
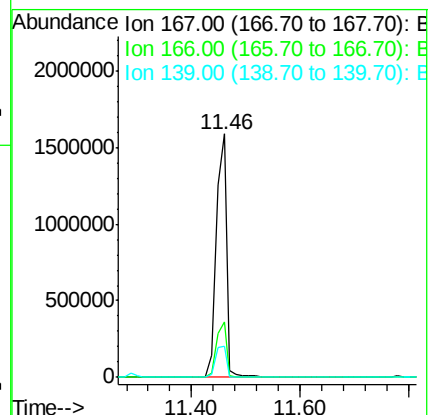
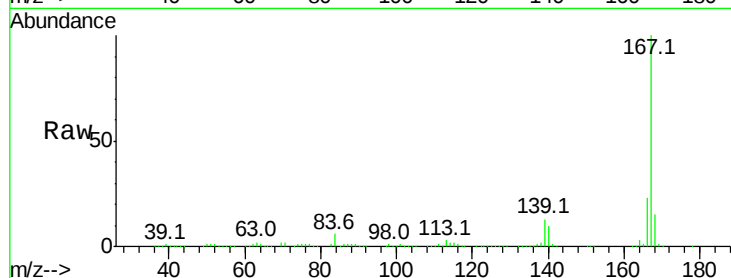
167 100

166 22.5 17.7 26.5

139 13.0 10.8 16.2

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#73

Di-n-butylphthalate

Concen: 69.47 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

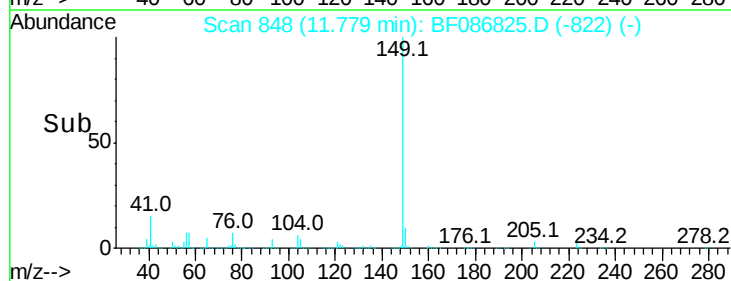
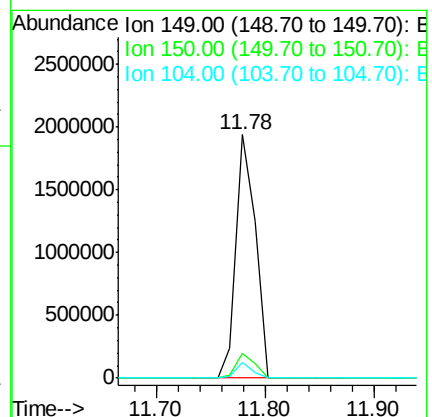
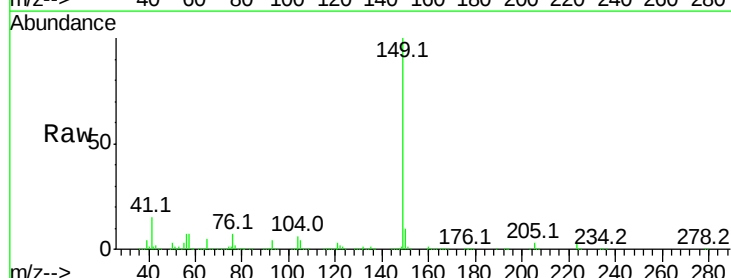
Tgt Ion:149 Resp: 2362634

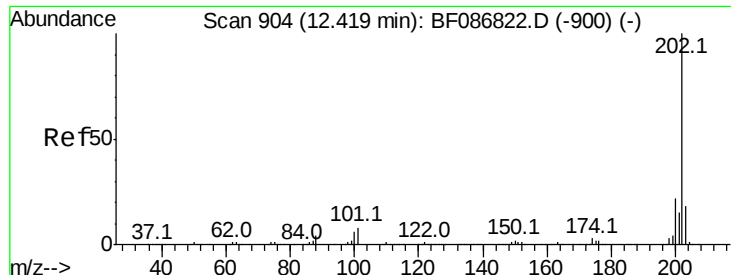
Ion Ratio Lower Upper

149 100

150 10.0 7.6 11.4

104 6.4 3.8 5.6#





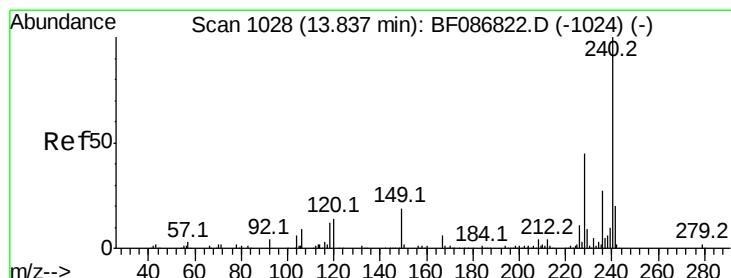
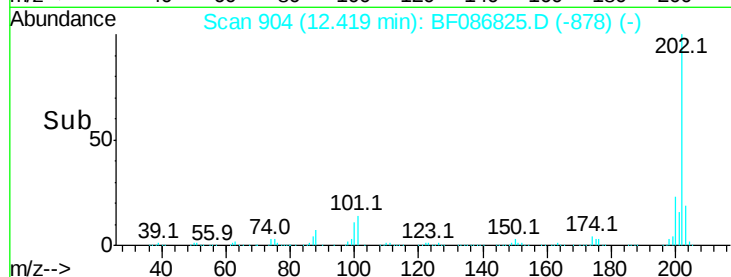
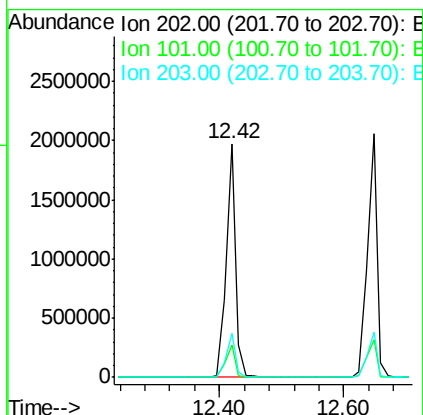
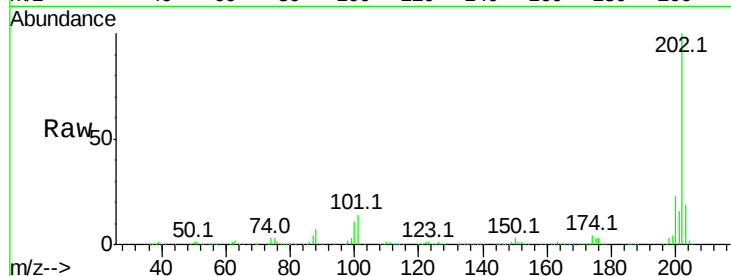
#74
Fluoranthene
 Concen: 63.85 ng
 RT: 12.42 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	35.4
203	18.8	0.0	38.1

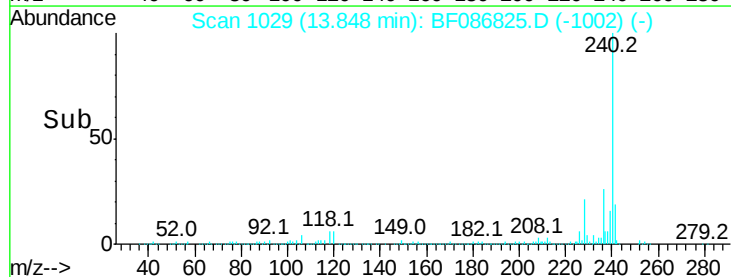
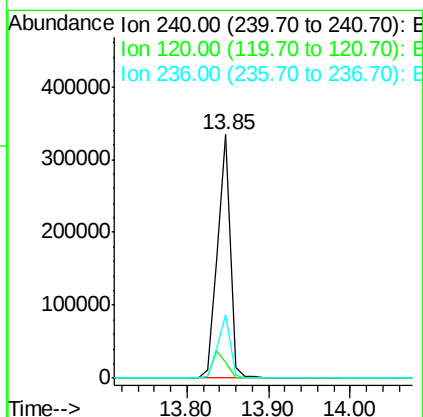
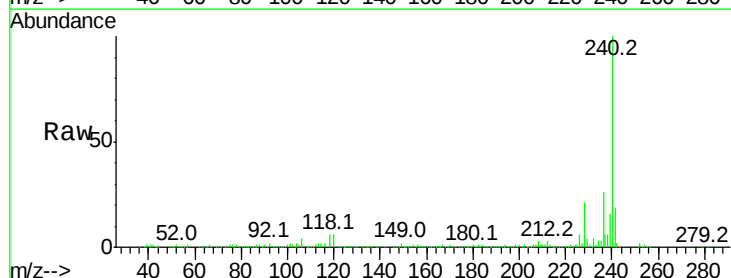
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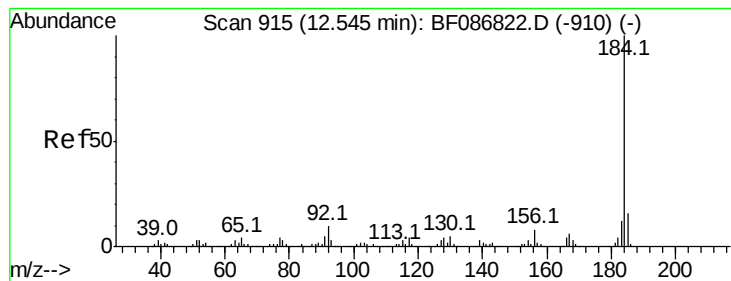
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.01 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	11.2	16.8#
236	25.9	21.2	31.8





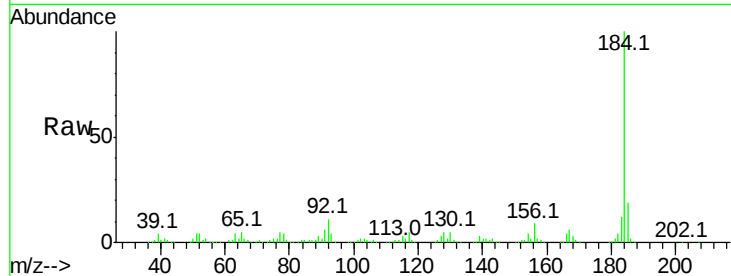
#76
Benzidine
Concen: 58.72 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

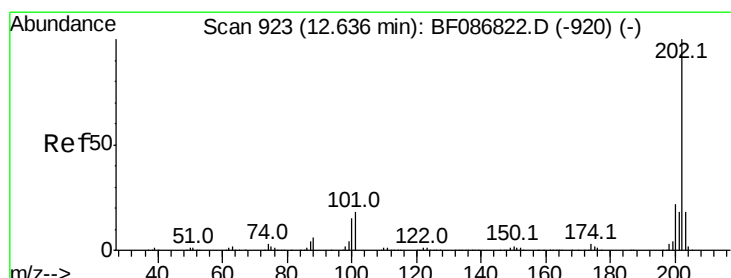
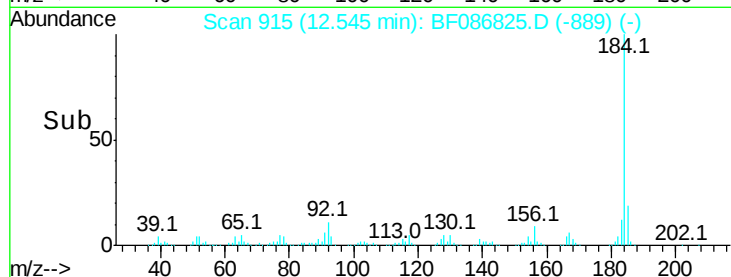
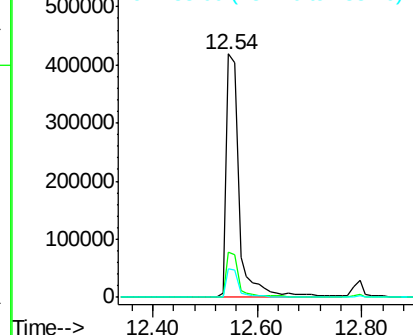
Tot Ion	Ratio	Lower	Upper
184	100		
185	18.6	13.6	20.4
183	11.8	9.8	14.6

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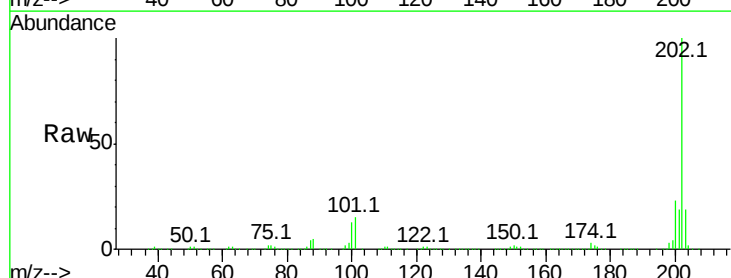


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

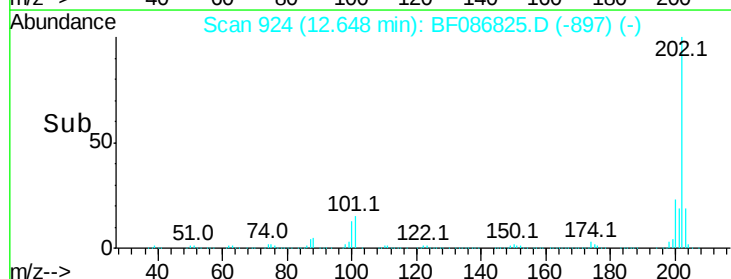
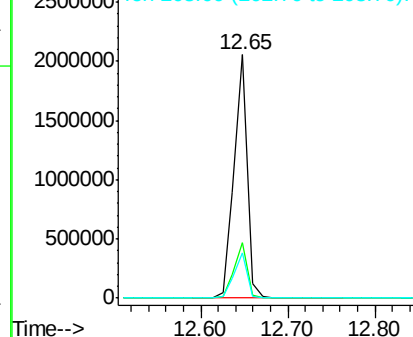


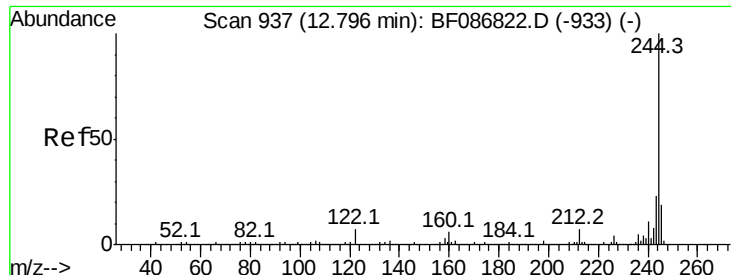
#77
Pyrene
Concen: 82.15 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.7	26.5
203	18.5	14.2	21.4



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





#78
 Terphenyl-d14
 Concen: 150.11 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

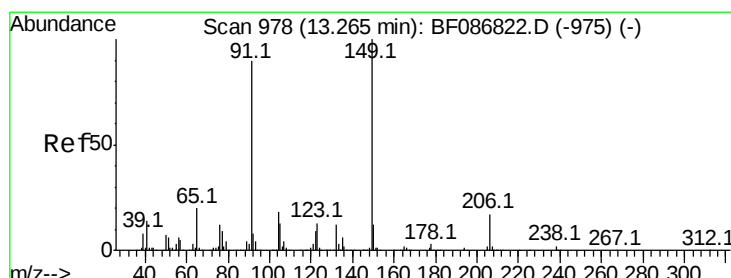
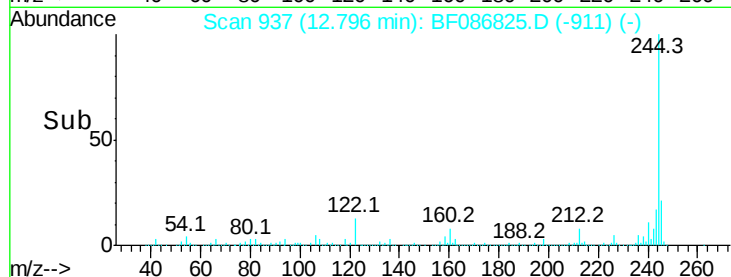
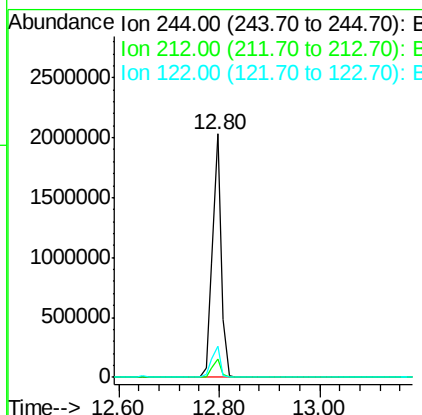
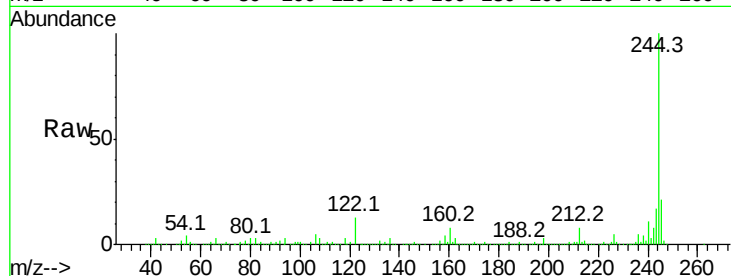
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:244 Resp: 2471094

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	12.6	12.0	18.0

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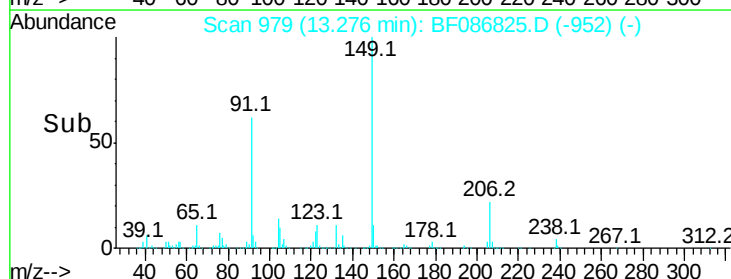
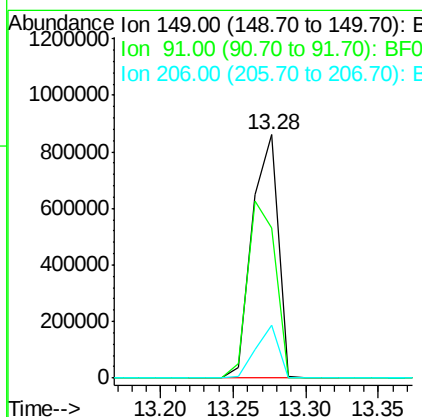
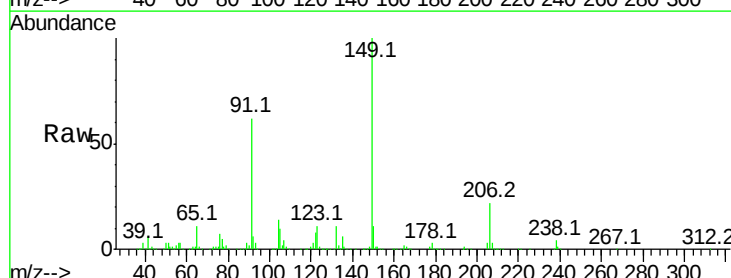
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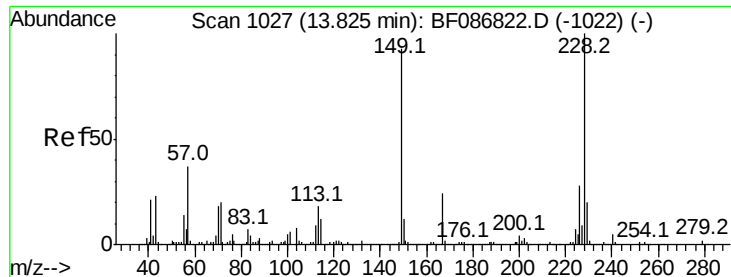


#79
 Butylbenzylphthalate
 Concen: 94.41 ng
 RT: 13.28 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Tgt Ion:149 Resp: 1068438

Ion	Ratio	Lower	Upper
149	100		
91	61.7	48.0	72.0
206	21.9	15.8	23.6





#80

Benzo(a)anthracene

Concen: 83.07 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:228 Resp: 1606293

Ion Ratio Lower Upper

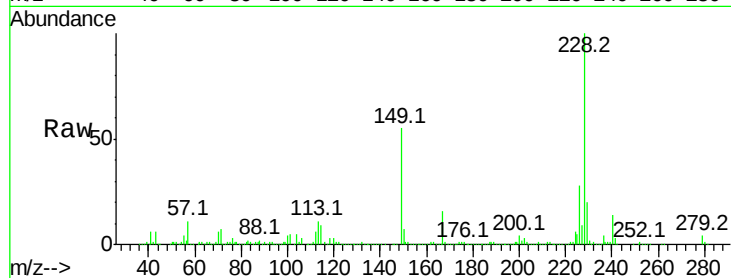
228 100

226 27.5 22.5 33.7

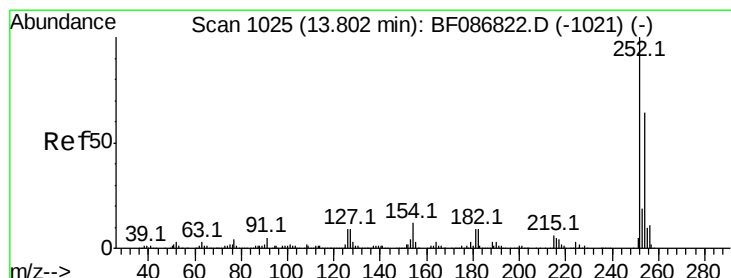
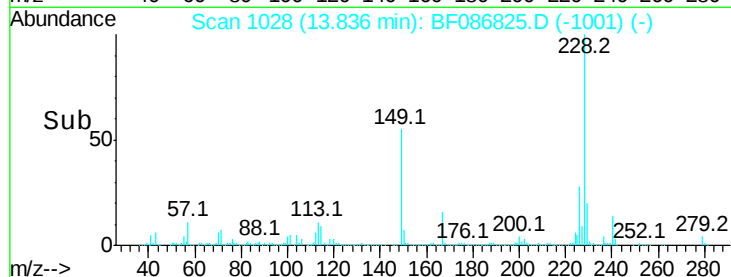
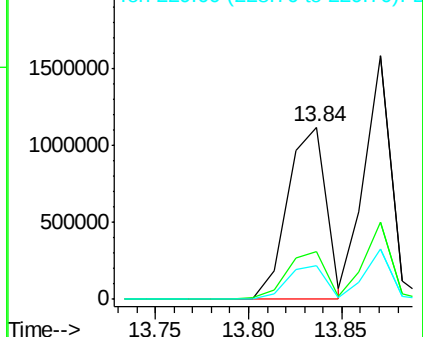
229 19.8 16.6 25.0

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



#81

3,3'-Dichlorobenzidine

Concen: 76.26 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

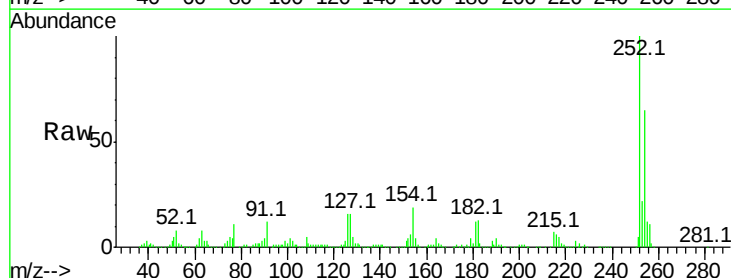
Tgt Ion:252 Resp: 985704

Ion Ratio Lower Upper

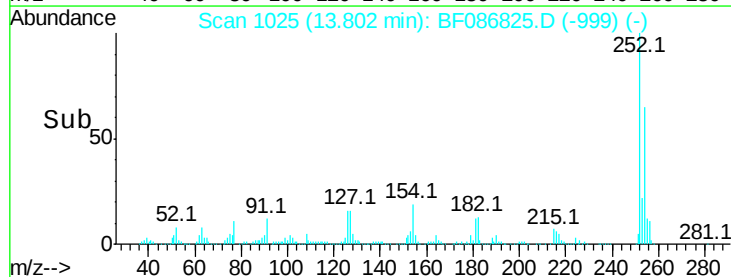
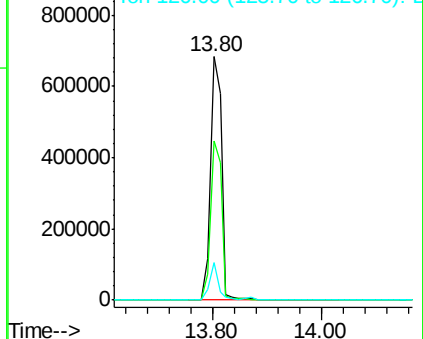
252 100

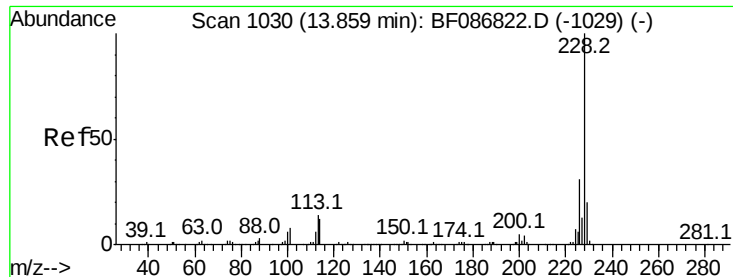
254 65.1 50.7 76.1

126 15.6 12.7 19.1



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





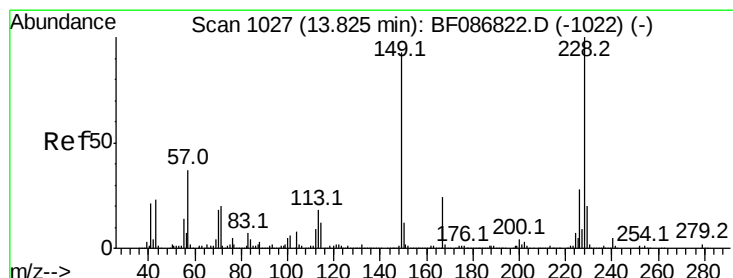
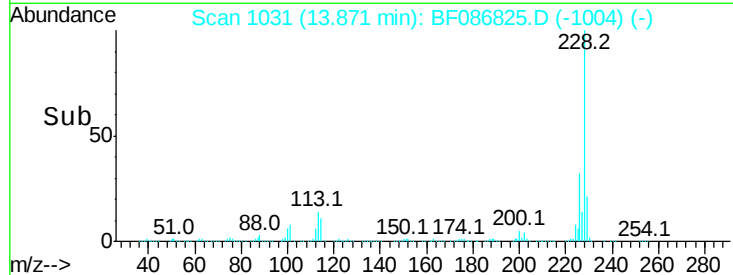
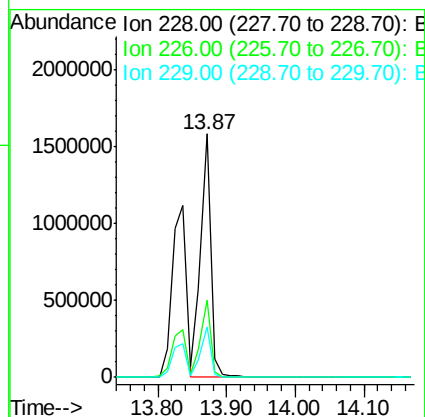
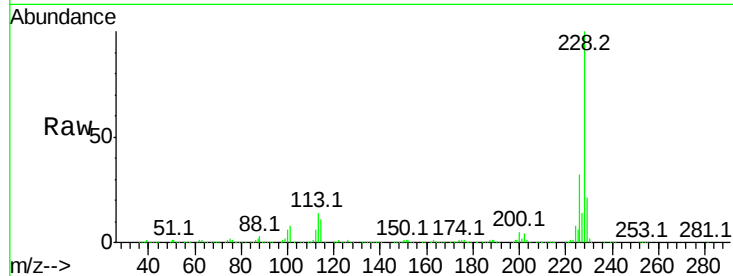
#82
 Chrvsene
 Concen: 75.84 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.4	36.6
229	20.6	15.8	23.8

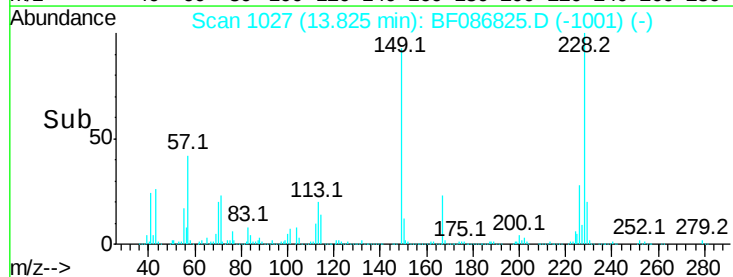
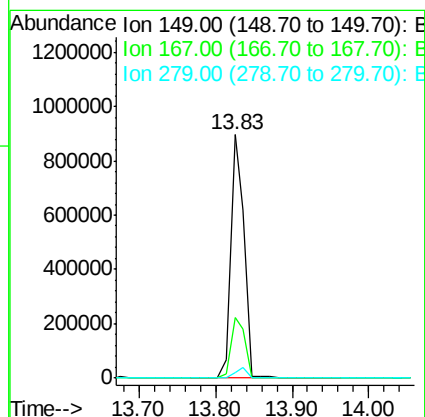
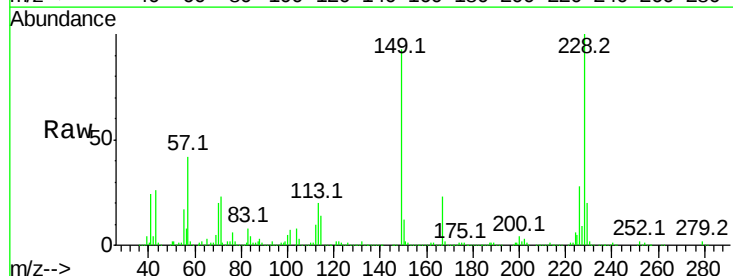
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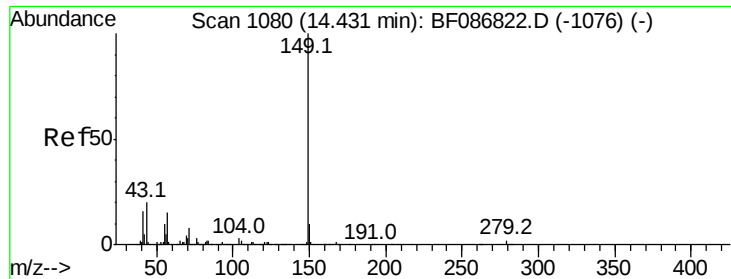
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 78.32 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086825.D
 Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.8	32.6
279	2.2	2.6	4.0#





#84

Di-n-octyl phthalate

Concen: 90.96 ng

RT: 14.44 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2001251

Ion Ratio Lower Upper

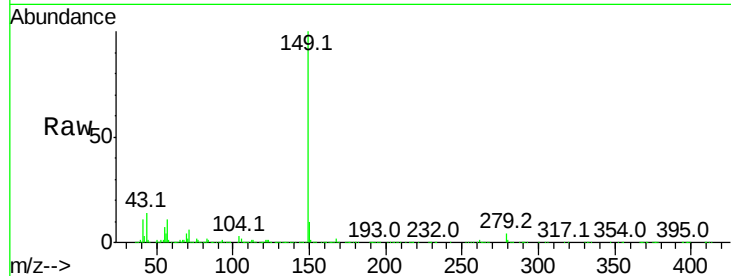
149 100

167 1.6 1.2 1.8

43 18.1 8.2 12.4#

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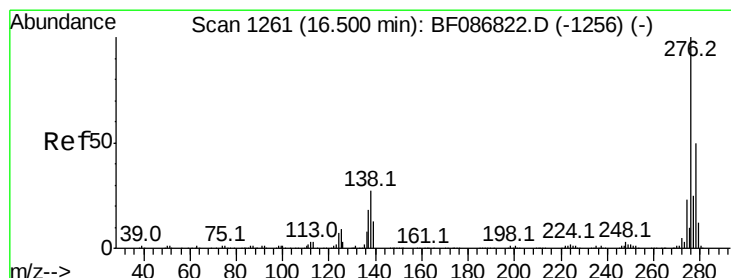
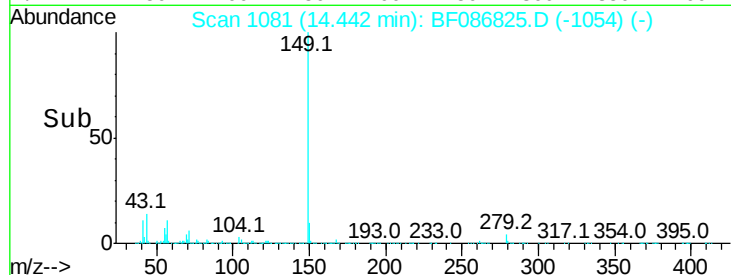
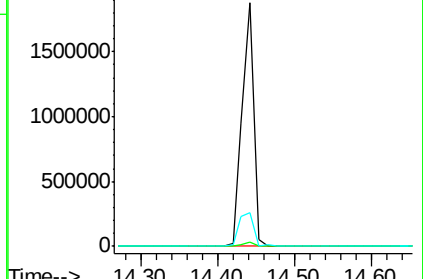
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 104.07 ng

RT: 16.51 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

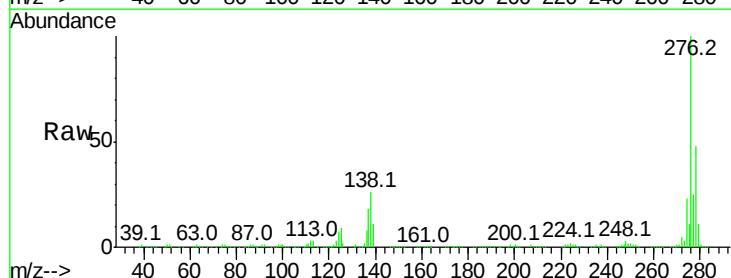
Tgt Ion:276 Resp: 1620661

Ion Ratio Lower Upper

276 100

138 27.6 25.6 38.4

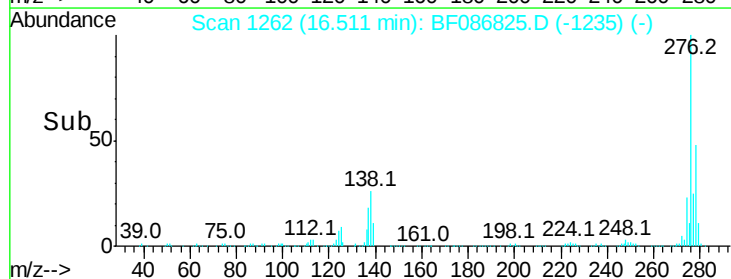
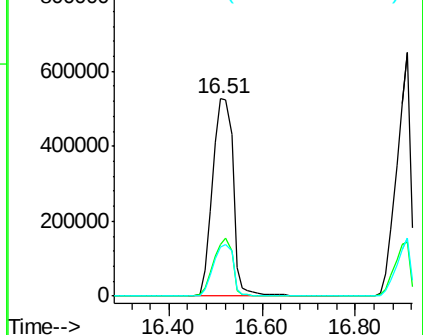
277 25.8 20.5 30.7

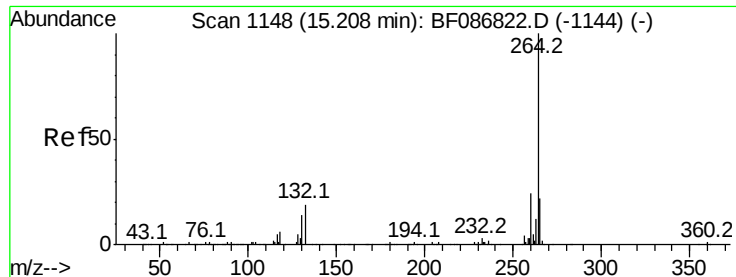


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Instrument :

BNA_F

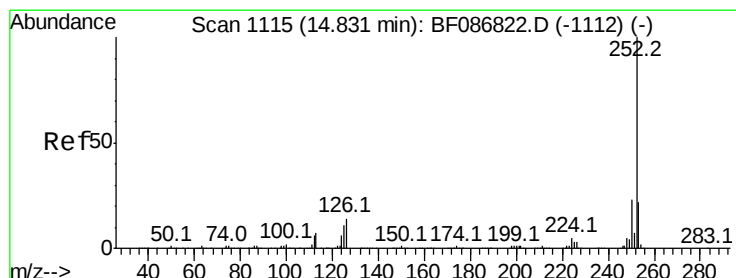
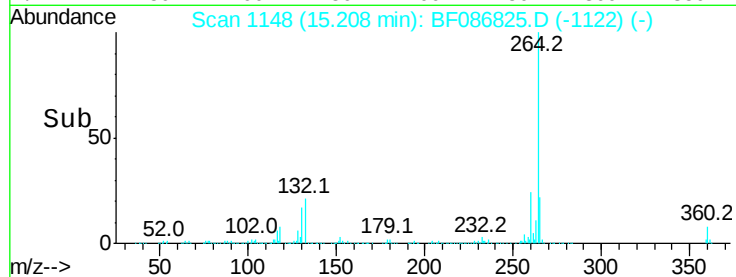
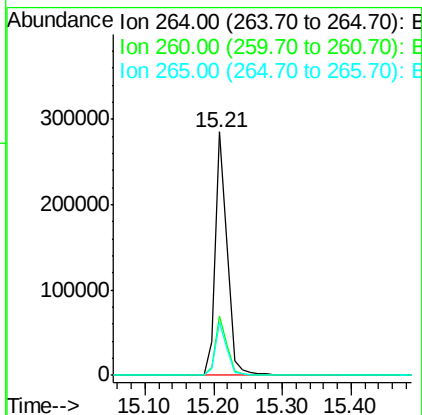
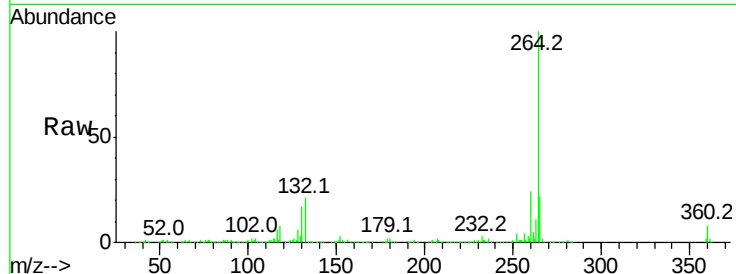
ClientSampleId :

SSTDIC080

Tot Ion:	264	Resp:	349872
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.5	29.3
265	21.6	17.3	25.9

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#87

Benzo(b)fluoranthene

Concen: 90.09 ng m

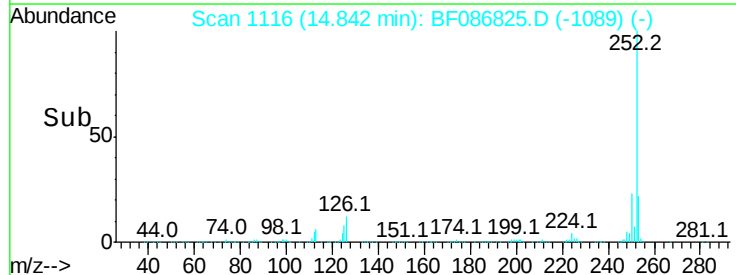
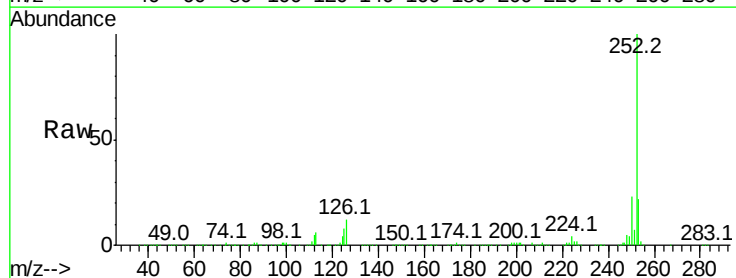
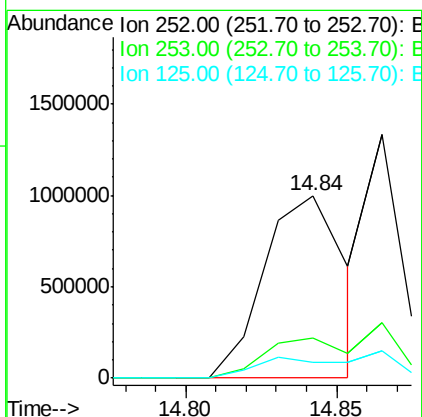
RT: 14.84 min Scan# 1116

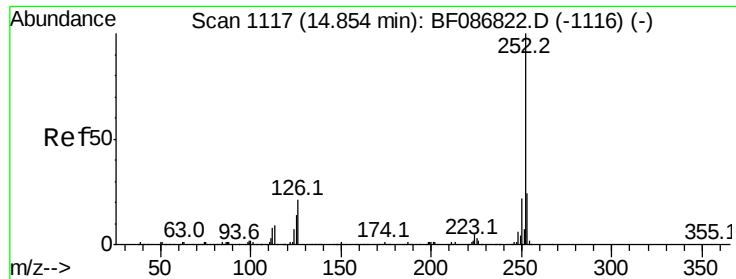
Delta R.T. 0.01 min

Lab File: BF086825.D

Acq: 9 May 2016 15:06

Tgt Ion:	252	Resp:	1854219
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	8.5	11.4	17.0#





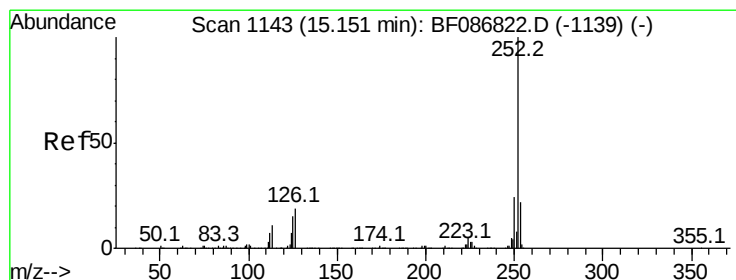
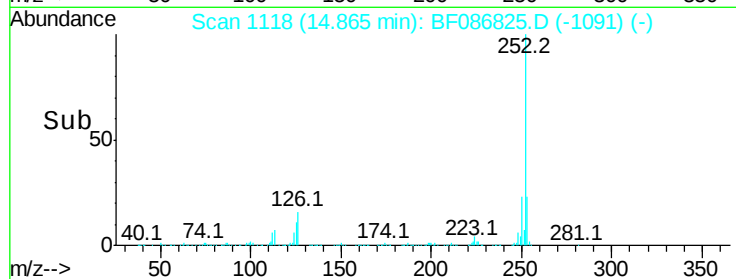
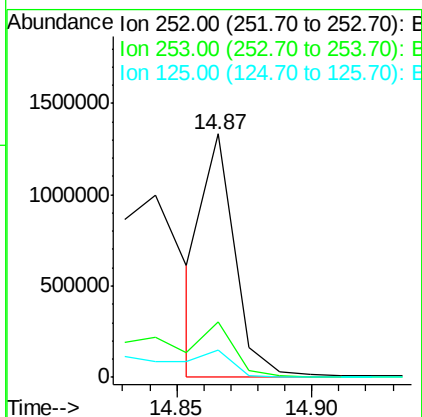
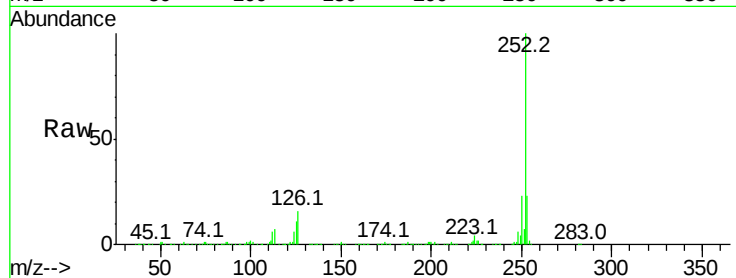
#88
Benzo(k)fluoranthene
Concen: 49.75 ng m
RT: 14.87 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.3	9.1	13.7

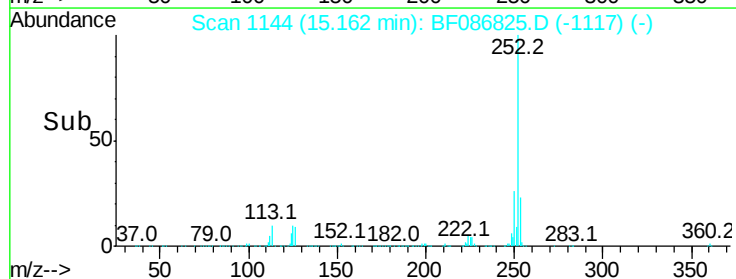
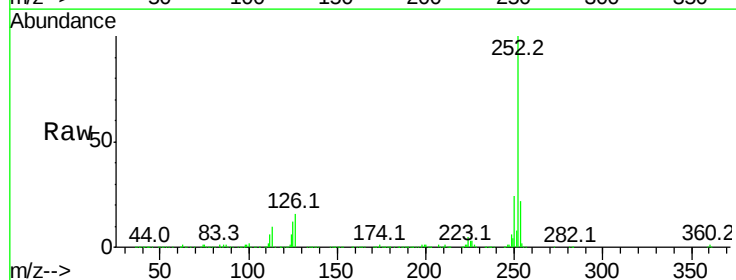
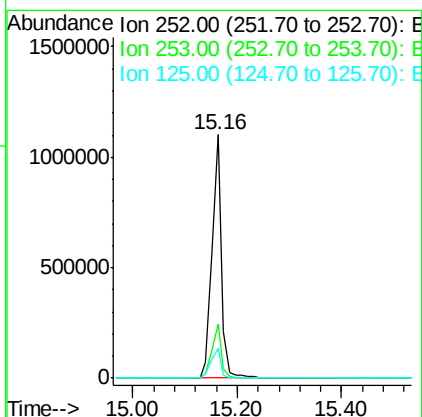
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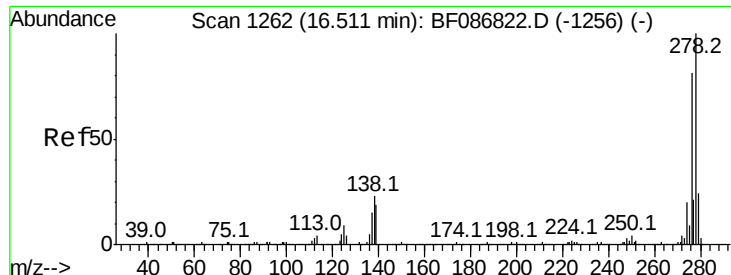
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#89
Benzo(a)pyrene
Concen: 71.12 ng
RT: 15.16 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	12.0	9.0	13.6





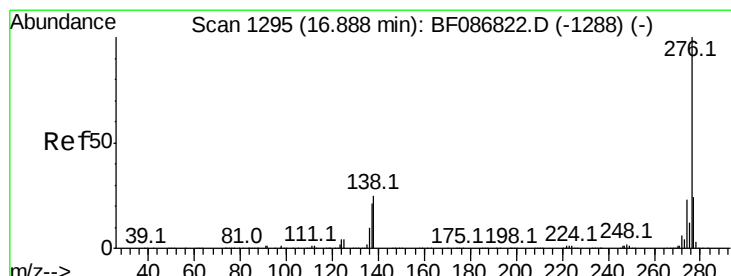
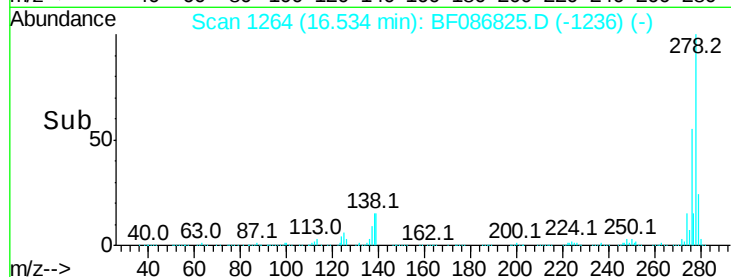
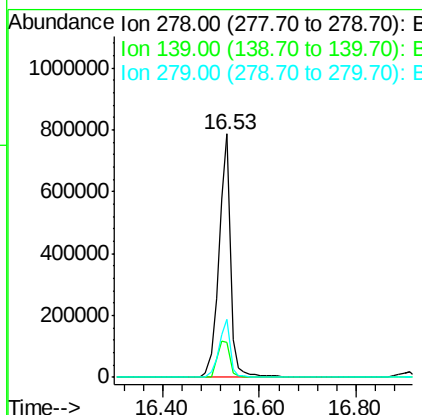
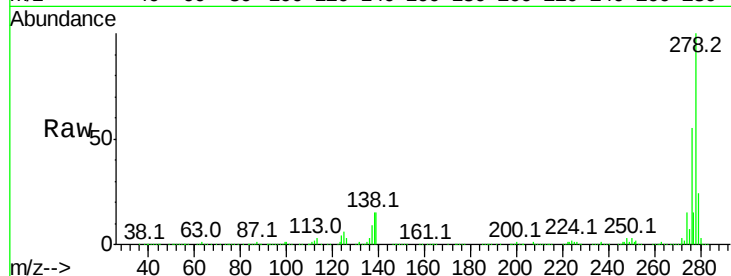
#90
Dibenzo(a,h)anthracene
Concen: 83.32 ng
RT: 16.53 min Scan# 1264
Delta R.T. 0.02 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Instrument :
BNA_F
ClientSampled :
SSTDICC080

Tot Ion:278 Resp: 1324999
Ion Ratio Lower Upper
278 100
139 14.5 16.6 24.8#
279 23.9 19.6 29.4

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#91
Benzo(g,h,i)perylene
Concen: 87.26 ng
RT: 16.91 min Scan# 1297
Delta R.T. 0.02 min
Lab File: BF086825.D
Acq: 9 May 2016 15:06

Tgt Ion:276 Resp: 1390591
Ion Ratio Lower Upper
276 100
277 23.8 19.6 29.4
138 22.0 23.6 35.4#

