

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086823.D
 Acq On : 9 May 2016 14:09
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:34 AM

Quant Time: May 09 15:04:09 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	167689	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	705629	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	340775	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	596630	20.00	ng	0.00
75) Chrysene-d12	13.84	240	404764	20.00	ng	0.00
86) Perylene-d12	15.21	264	330559	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	970133	99.79	ng	0.00
7) Phenol-d6	6.36	99	1245917	91.82	ng	0.00
23) Nitrobenzene-d5	7.28	82	1423903	108.77	ng	0.01
41) 2,4,6-Tribromophenol	10.52	330	320175	89.09	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1783786	88.59	ng	0.00
78) Terphenyl-d14	12.80	244	1997969	108.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	234849	45.99	ng	# 71
3) Pyridine	2.86	79	647615	53.58	ng	# 62
4) n-Nitrosodimethylamine	2.82	42	428664	62.23	ng	# 50
6) Aniline	6.36	93	766897	46.71	ng	# 76
8) 2-Chlorophenol	6.49	128	585532	48.36	ng	95
9) Benzaldehyde	6.24	77	338891	42.93	ng	94
10) Phenol	6.37	94	781250	51.61	ng	# 68
11) bis(2-Chloroethyl)ether	6.44	93	630267	48.16	ng	88
12) 1,3-Dichlorobenzene	6.64	146	626507	48.10	ng	100
13) 1,4-Dichlorobenzene	6.72	146	605562	45.06	ng	100
14) 1,2-Dichlorobenzene	6.86	146	531473	43.13	ng	96
15) Benzyl Alcohol	6.85	79	426187	49.65	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1213125	46.31	ng	53
17) 2-Methylphenol	6.98	107	466896	47.71	ng	# 82
18) Hexachloroethane	7.21	117	241199	48.03	ng	# 81
19) n-Nitroso-di-n-propylamine	7.13	70	438632	48.91	ng	# 70
20) 3+4-Methylphenols	7.14	107	623808	55.82	ng	# 59
22) Acetophenone	7.12	105	782818	50.59	ng	# 96
24) Nitrobenzene	7.29	77	644071	47.83	ng	95
25) Isophorone	7.53	82	1224781	48.61	ng	98
26) 2-Nitrophenol	7.61	139	333240	53.74	ng	# 93
27) 2,4-Dimethylphenol	7.66	122	516081	47.44	ng	94
28) bis(2-Chloroethoxy)methane	7.74	93	672837	49.02	ng	98
29) 2,4-Dichlorophenol	7.86	162	462554	50.39	ng	93
30) 1,2,4-Trichlorobenzene	7.93	180	512794	48.16	ng	99
31) Naphthalene	8.01	128	1688942	47.04	ng	99
32) Benzoic acid	7.82	122	326875	57.94	ng	91
33) 4-Chloroaniline	8.06	127	646108	48.05	ng	# 90
34) Hexachlorobutadiene	8.12	225	291058	48.76	ng	98
35) Caprolactam	8.46	113	158144	51.64	ng	# 54
36) 4-Chloro-3-methylphenol	8.57	107	569092	54.15	ng	95
37) 2-Methylnaphthalene	8.69	142	954377	45.05	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	480708	49.28	ng	100
40) Hexachlorocyclopentadiene	8.84	237	236258	48.74	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	310643	50.38	nq	96
43) 2,4,5-Trichlorophenol	9.02	196	315797	46.99	nq	# 82
45) 1,1'-Biphenyl	9.16	154	1269682	44.58	nq	96
46) 2-Chloronaphthalene	9.18	162	1021331	47.16	nq	95
47) 2-Nitroaniline	9.29	65	353810	50.94	nq	# 72
48) Acenaphthylene	9.60	152	1466526	43.32	nq	99
49) Dimethylphthalate	9.47	163	1166020	45.45	nq	99
50) 2,6-Dinitrotoluene	9.54	165	286482	54.05	nq	# 76
51) Acenaphthene	9.77	154	940703	43.26	nq	99
52) 3-Nitroaniline	9.71	138	305474	50.68	nq	95
53) 2,4-Dinitrophenol	9.81	184	133733	56.41	nq	87
54) Dibenzofuran	9.94	168	1180554	43.44	nq	95
55) 4-Nitrophenol	9.89	139	181753	46.05	nq	84
56) 2,4-Dinitrotoluene	9.94	165	335168	49.61	nq	# 89
57) Fluorene	10.28	166	1081348	45.83	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	254985	48.53	nq	99
59) Diethylphthalate	10.17	149	1184213	48.76	nq	97
60) 4-Chlorophenyl-phenylether	10.27	204	427538	39.91	nq	100
61) 4-Nitroaniline	10.33	138	301076	51.10	nq	# 77
62) Azobenzene	10.43	77	1202200	45.19	nq	85
64) 4,6-Dinitro-2-methylphenol	10.35	198	198515	56.68	nq	84
65) n-Nitrosodiphenylamine	10.40	169	843291	45.22	nq	100
66) 4-Bromophenyl-phenylether	10.76	248	306422	49.84	nq	93
67) Hexachlorobenzene	10.82	284	320212	45.00	nq	# 66
68) Atrazine	10.93	200	306926	54.81	nq	95
69) Pentachlorophenol	11.02	266	178433	47.56	nq	98
70) Phenanthrene	11.23	178	1459184	46.60	nq	100
71) Anthracene	11.29	178	1568400	46.94	nq	99
72) Carbazole	11.45	167	1298303	43.84	nq	98
73) Di-n-butylphthalate	11.78	149	1597444	47.61	nq	# 98
74) Fluoranthene	12.42	202	1646114	52.08	nq	94
76) Benzidine	12.55	184	546715	39.30	nq	99
77) Pyrene	12.65	202	1626636	55.77	nq	100
79) Butylbenzylphthalate	13.27	149	627814	49.70	nq	# 67
80) Benzo(a)anthracene	13.83	228	1053779	48.83	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	724292	50.21	nq	# 96
82) Chrysene	13.87	228	1114850	47.53	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	756435	48.24	nq	# 96
84) Di-n-octyl phthalate	14.43	149	1265209	51.53	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.51	276	992986	57.13	nq	96
87) Benzo(b)fluoranthene	14.83	252	938624m	48.27	nq	
88) Benzo(k)fluoranthene	14.85	252	907404m	44.74	nq	
89) Benzo(a)pyrene	15.15	252	899313	48.98	nq	# 96
90) Dibenzo(a,h)anthracene	16.52	278	821598	54.68	nq	# 92
91) Benzo(g,h,i)perylene	16.89	276	851379	56.54	nq	96

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

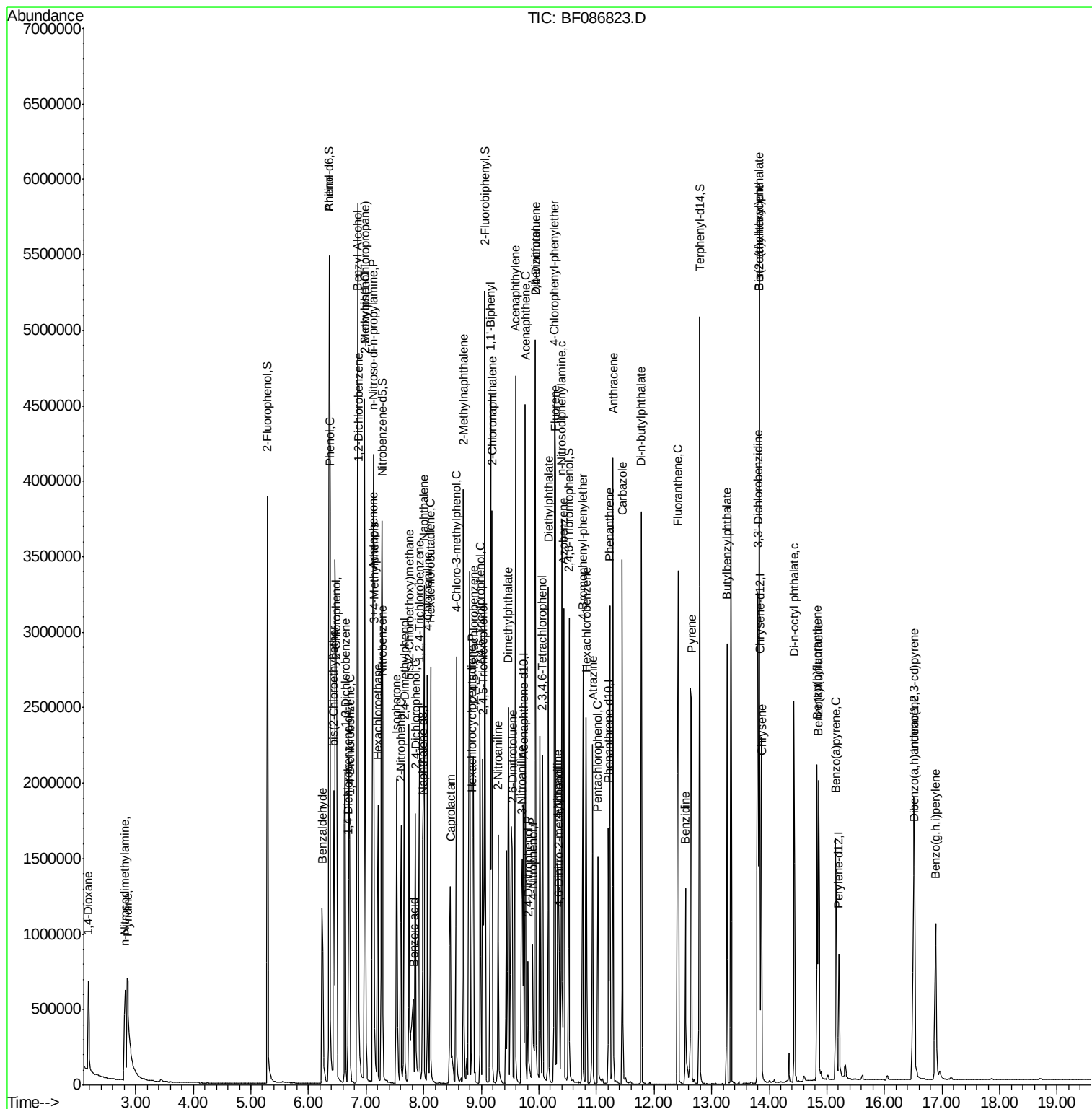
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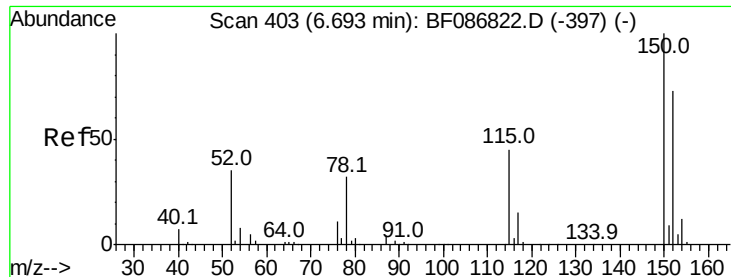
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

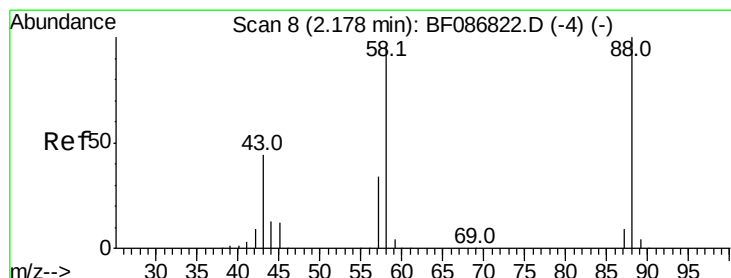
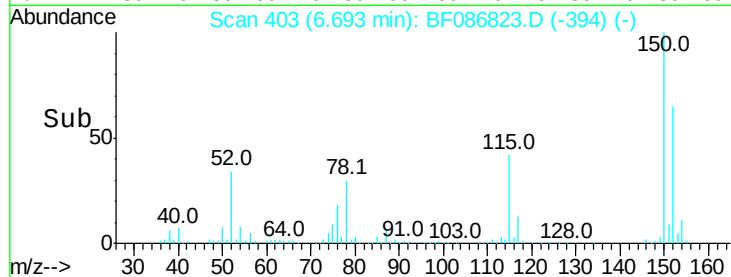
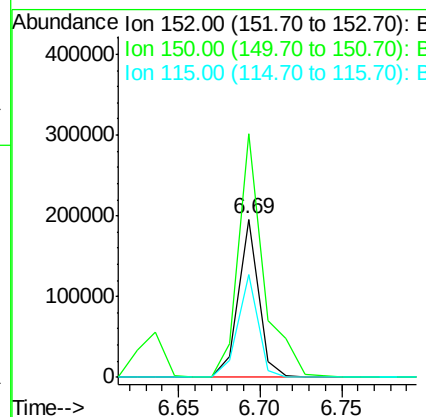
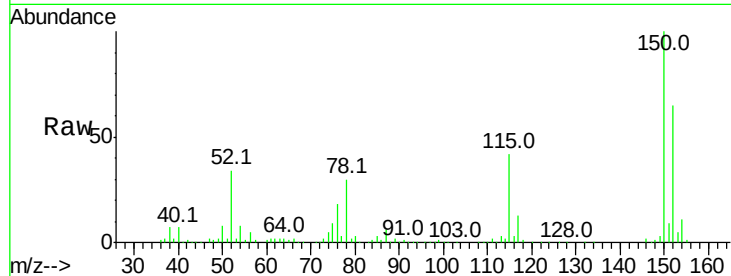
ClientSampleId :

SSTDIC050

Tot Ion:	152	Resp:	167689
Ion Ratio	Lower	Upper	
152	100		
150	154.0	125.8	188.6
115	65.2	51.5	77.3

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#2

1,4-Dioxane

Concen: 45.99 ng

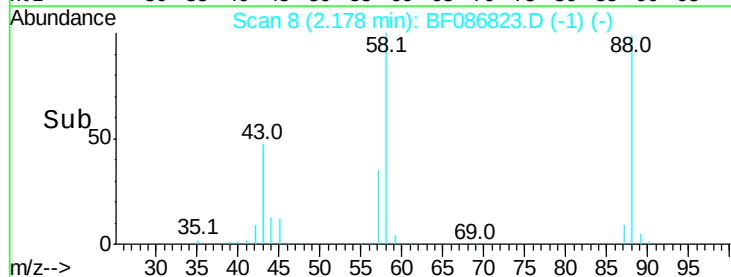
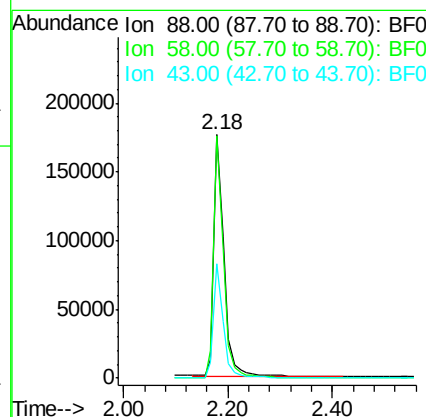
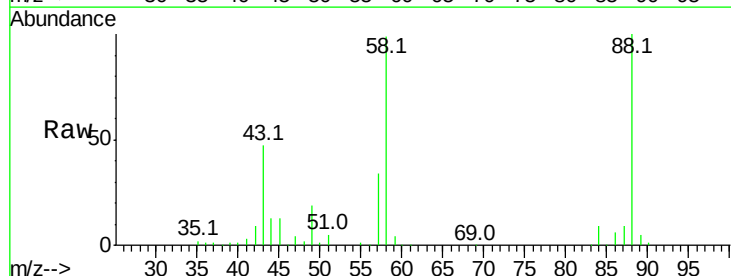
RT: 2.18 min Scan# 8

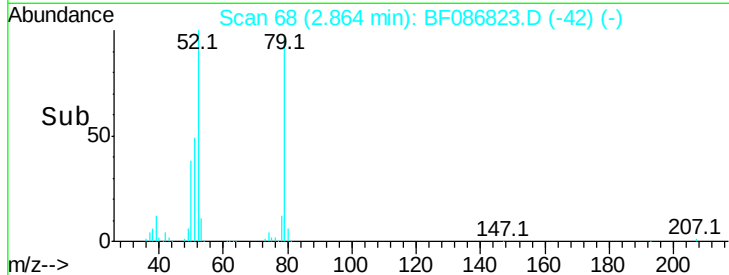
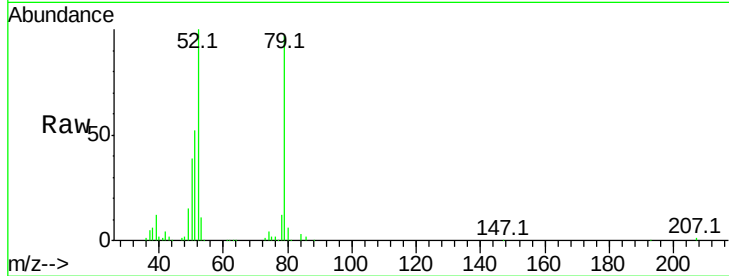
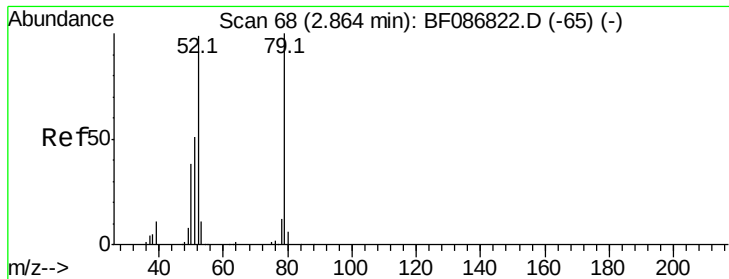
Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Tgt Ion:	88	Resp:	234849
Ion Ratio	Lower	Upper	
88	100		
58	97.3	59.6	89.4#
43	44.8	21.8	32.6#





#3

Pvridine

Concen: 53.58 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	103.4	55.9	83.9#		
51	53.2	28.1	42.1#		

Instrument :

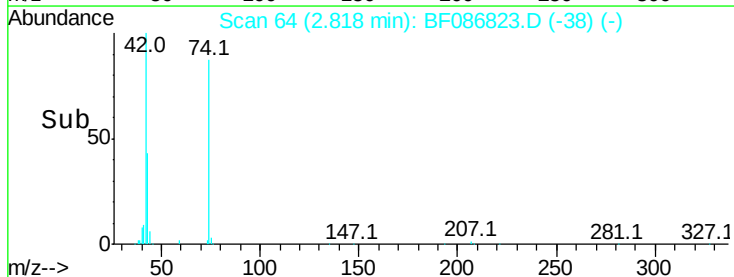
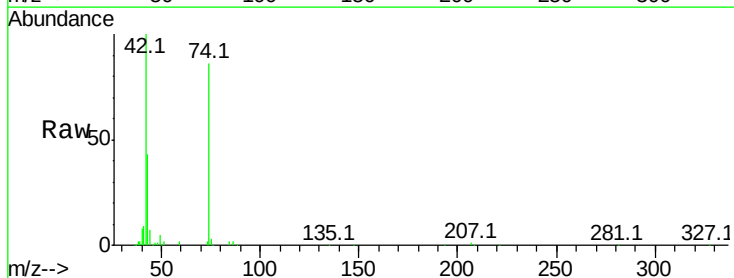
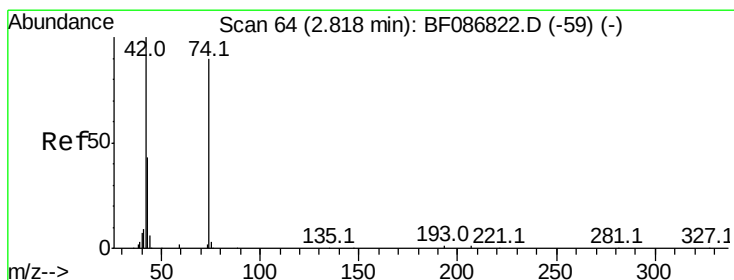
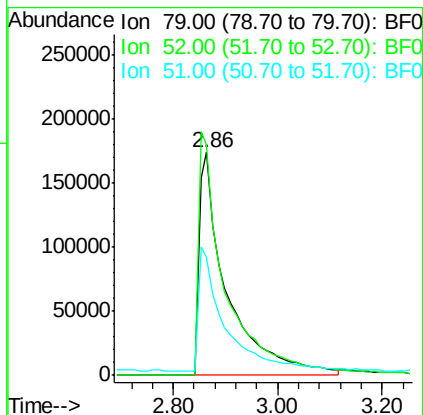
BNA_F

ClientSampleId :

SSTDICC050

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 62.23 ng

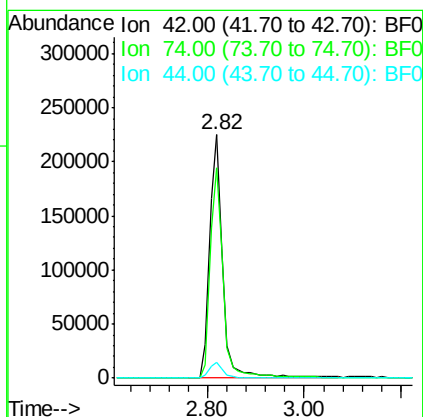
RT: 2.82 min Scan# 64

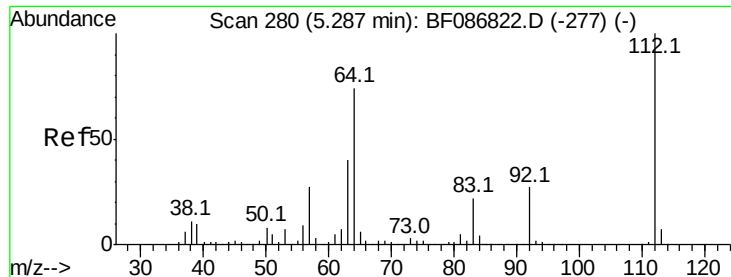
Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	86.4	123.4	185.0#		
44	6.5	5.8	8.6		





#5

2-Fluorophenol

Concen: 99.79 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

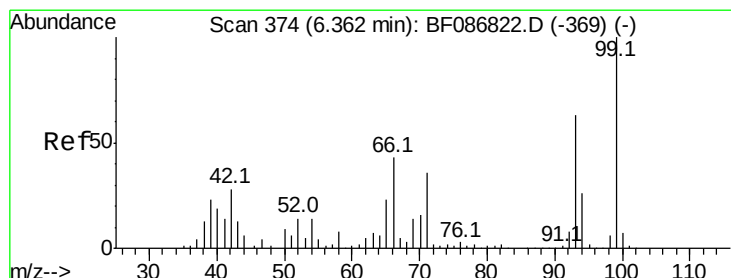
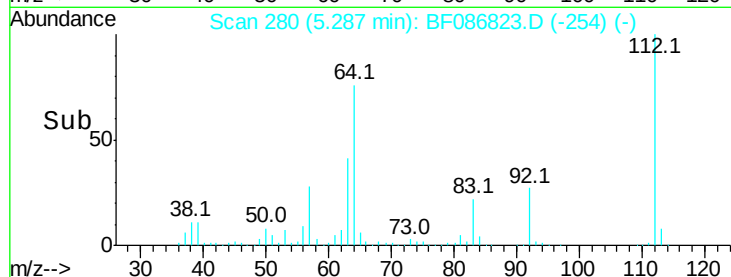
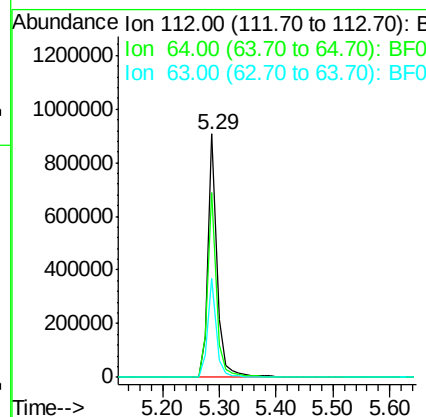
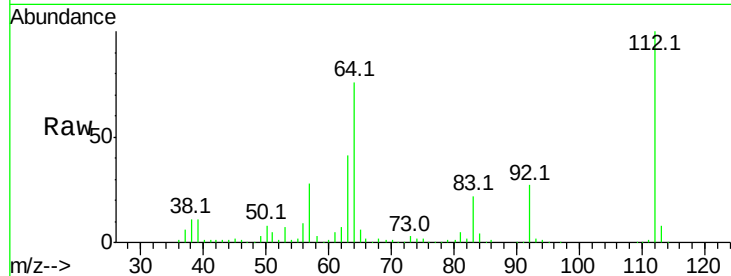
ClientSampleId :

SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		970133		
64	75.9	52.1		78.1	
63	40.6	25.7		38.5#	

Manual Integrations
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#6

Aniline

Concen: 46.71 ng

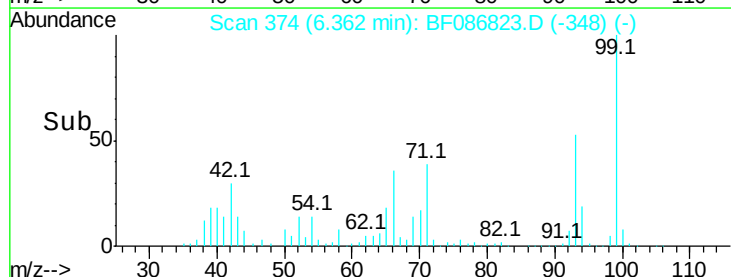
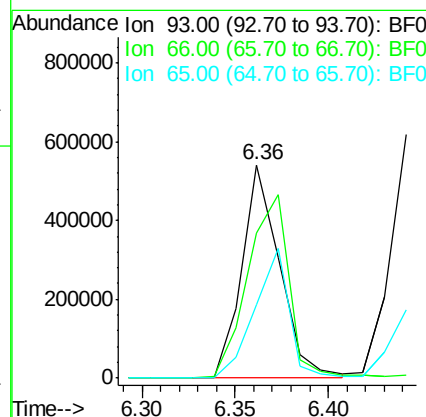
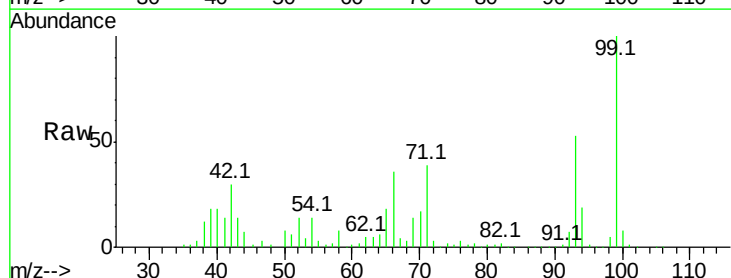
RT: 6.36 min Scan# 374

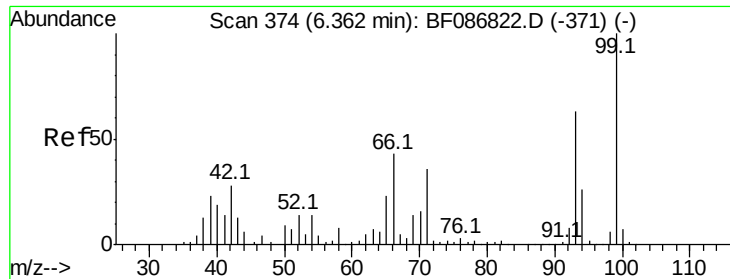
Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		766897		
66	67.8	39.0		58.6#	
65	34.6	20.6		31.0#	





#7

Phenol-d6

Concen: 91.82 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

ClientSampled :

SSTDIC050

Tot Ion: 99 Resp: 1245917

Ion Ratio Lower Upper

99 100

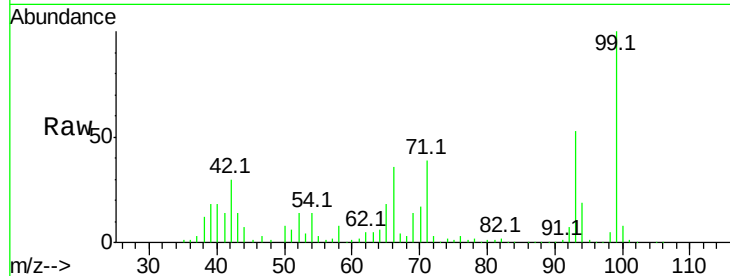
42 30.1 13.6 20.4#

71 38.6 24.6 36.8#

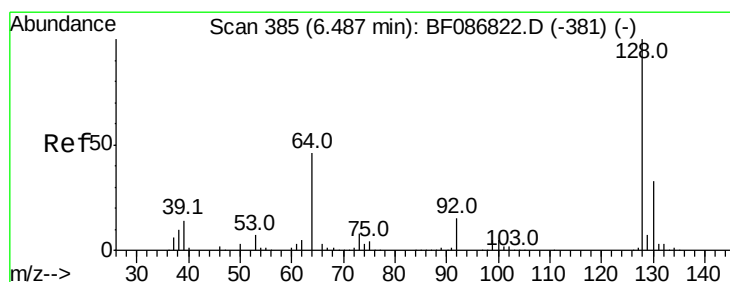
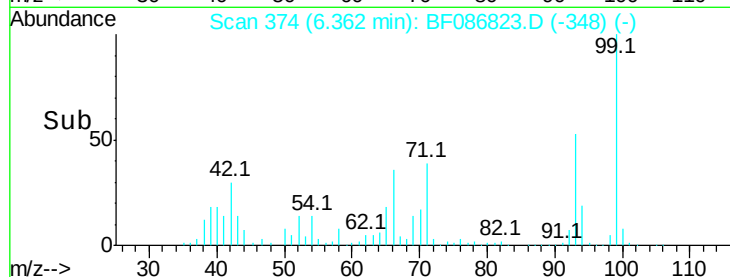
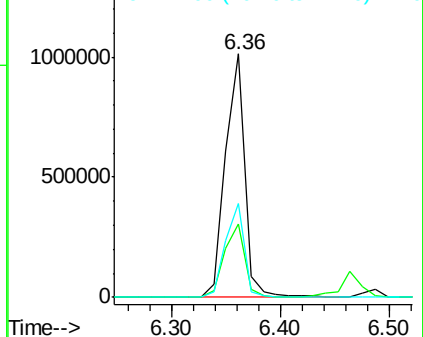
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 48.36 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

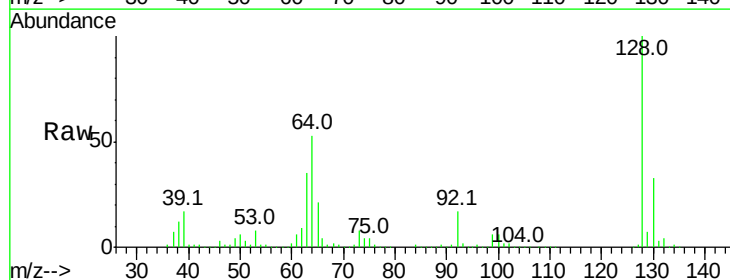
Tgt Ion: 128 Resp: 585532

Ion Ratio Lower Upper

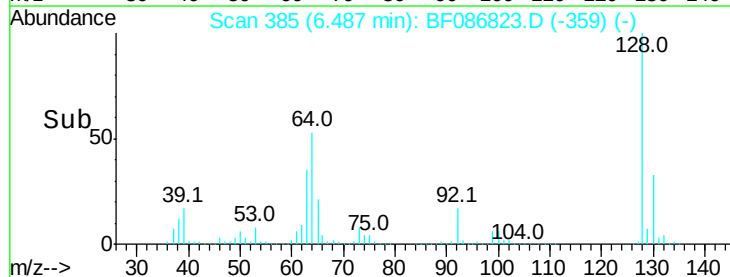
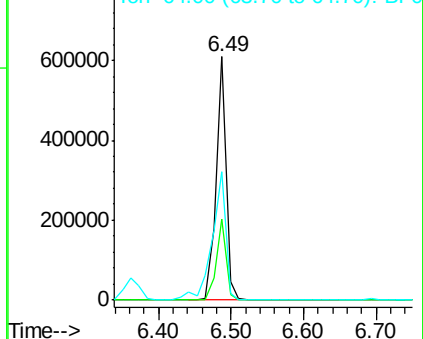
128 100

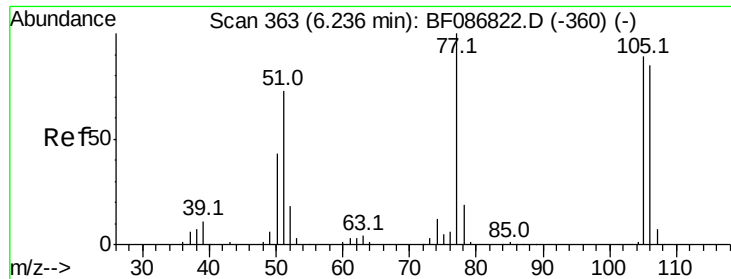
130 33.3 12.5 52.5

64 52.7 27.3 67.3



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





#9

Benzaldehyde

Concen: 42.93 ng

RT: 6.24 min Scan# 363

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

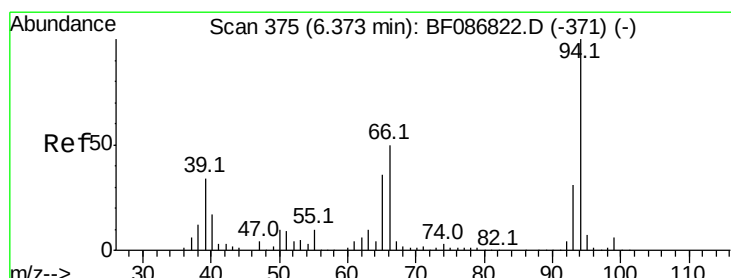
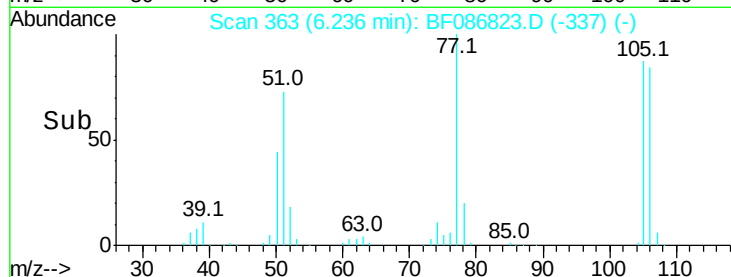
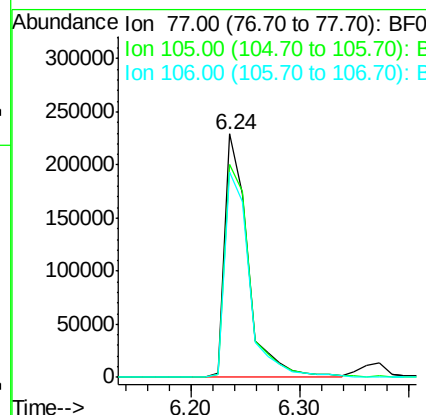
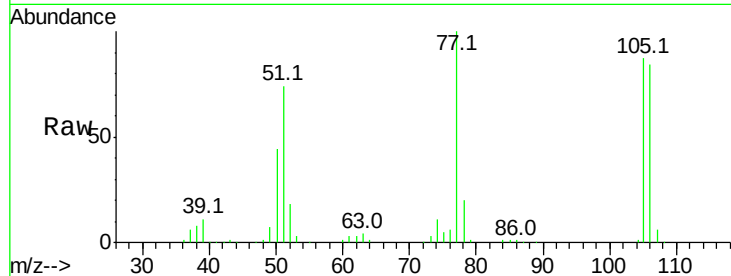
ClientSampleId :

SSTDIC050

Tot Ion:	77	Resp:	338891
Ion Ratio	Lower	Upper	
77	100		
105	87.4	72.7	112.7
106	84.4	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 51.61 ng

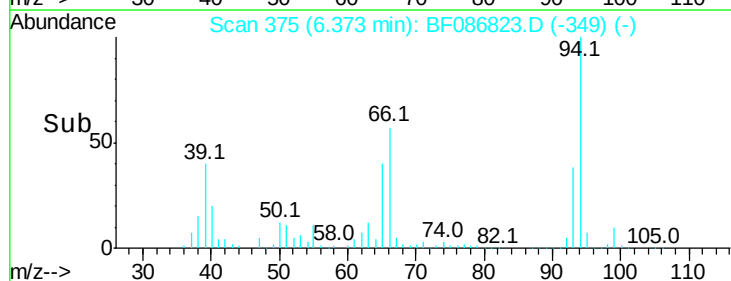
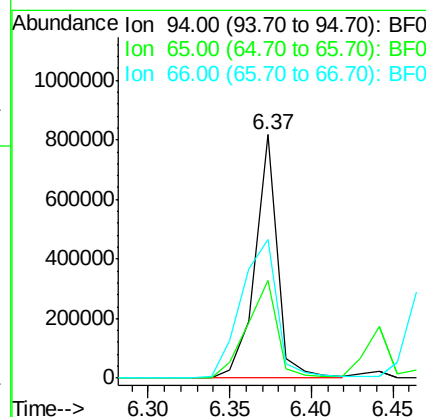
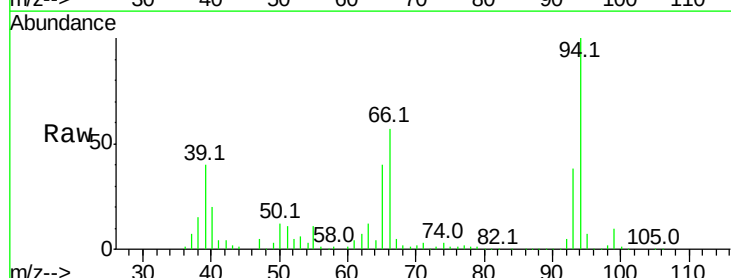
RT: 6.37 min Scan# 375

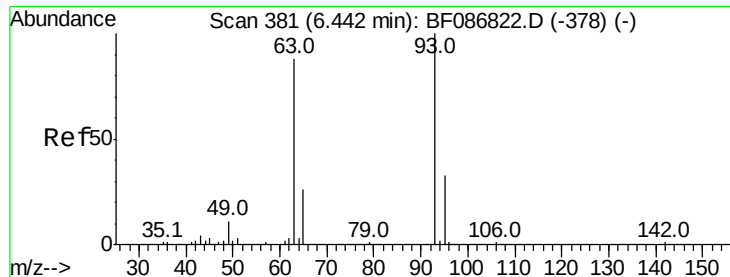
Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Tgt Ion:	94	Resp:	781250
Ion Ratio	Lower	Upper	
94	100		
65	40.3	7.2	47.2
66	56.9	14.9	54.9#





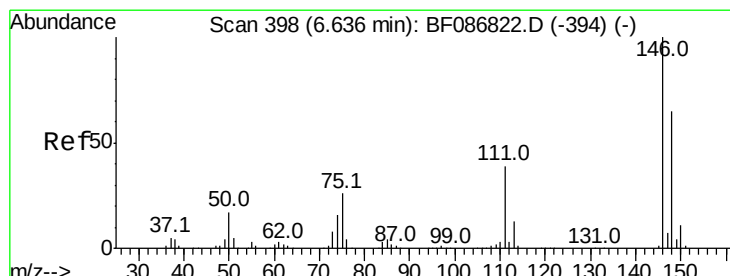
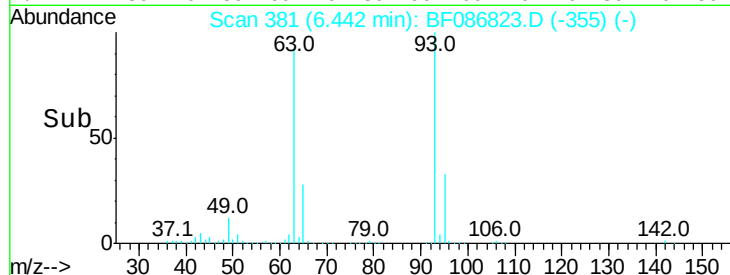
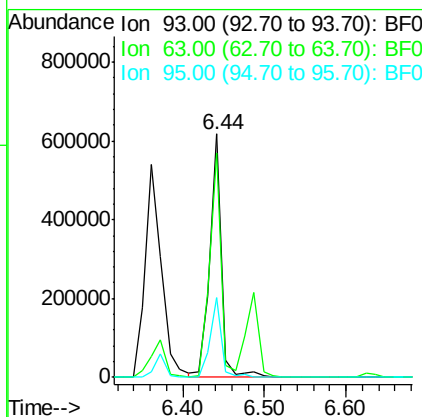
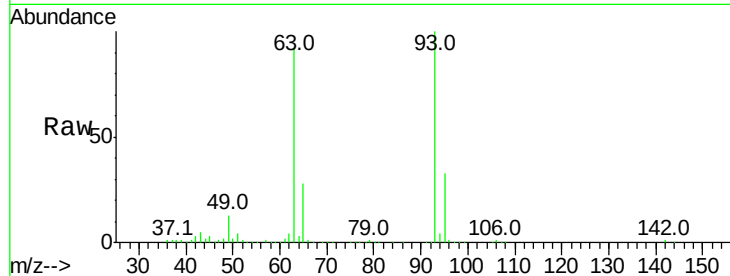
#11
bis(2-Chloroethyl)ether
Concen: 48.16 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
93	100	630267		
63	92.0		58.0	98.0
95	32.8		11.9	51.9

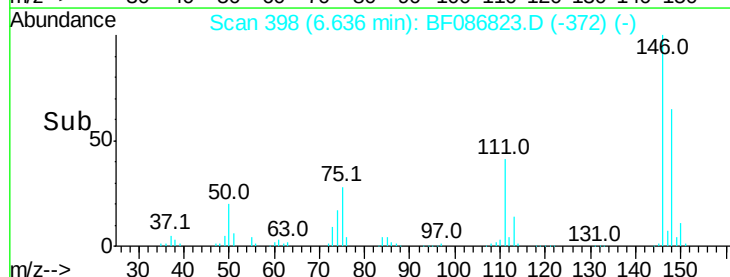
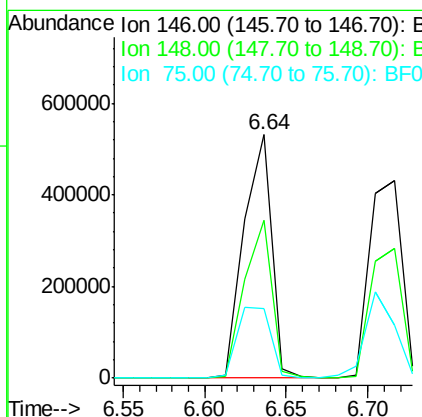
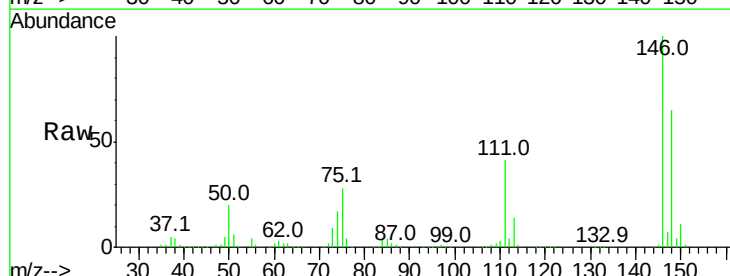
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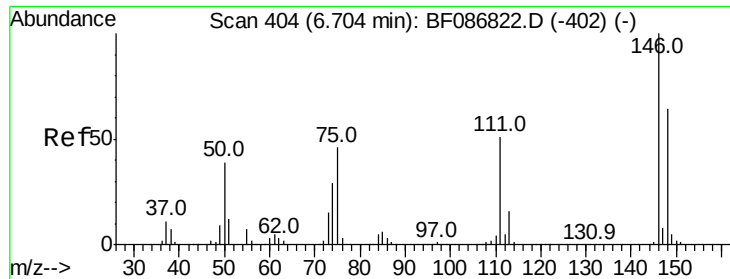
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#12
1,3-Dichlorobenzene
Concen: 48.10 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	626507		
148	65.1		52.4	78.6
75	28.5		22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 45.06 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

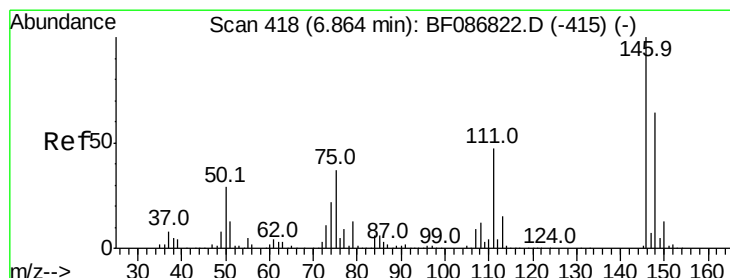
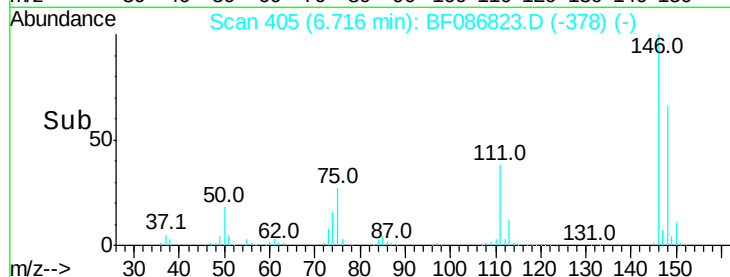
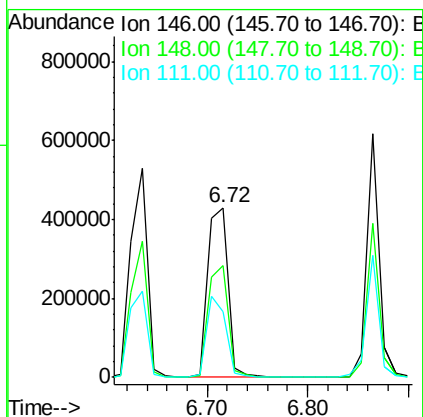
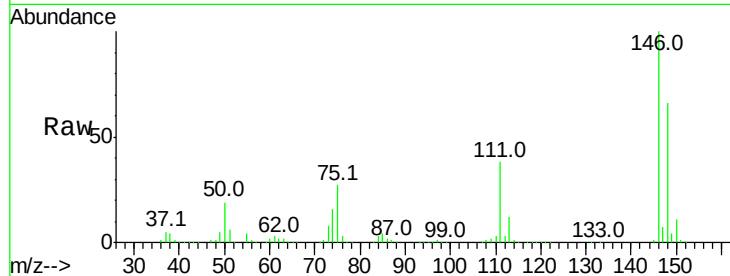
ClientSampleId :

SSTDICC050

Tot Ion:	146	Resp:	605562
Ion Ratio	Lower	Upper	
146	100		
148	65.8	52.2	78.4
111	38.5	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 43.13 ng

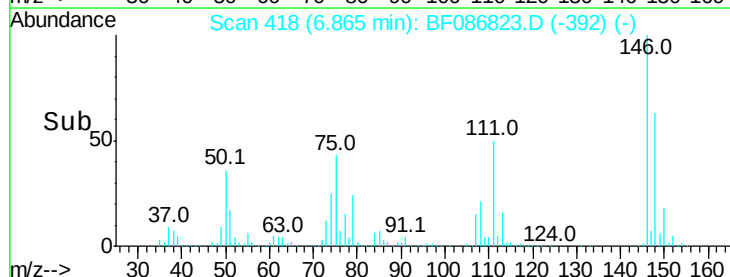
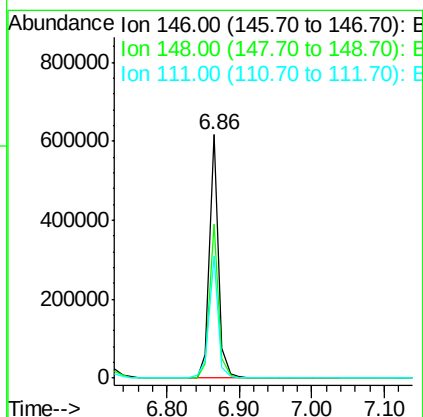
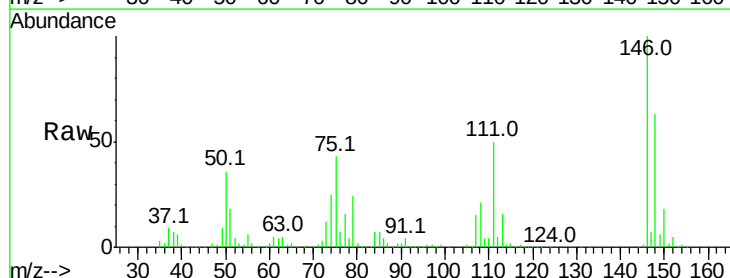
RT: 6.86 min Scan# 418

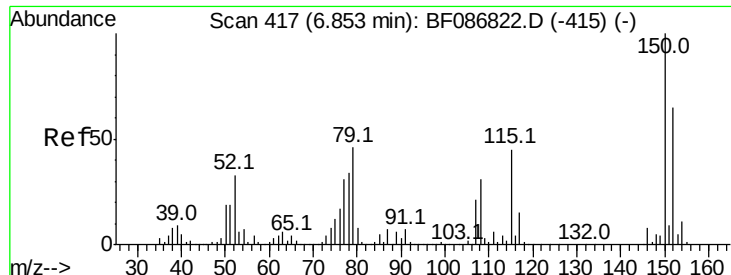
Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Tgt Ion:	146	Resp:	531473
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.0	76.6
111	50.2	36.2	54.4





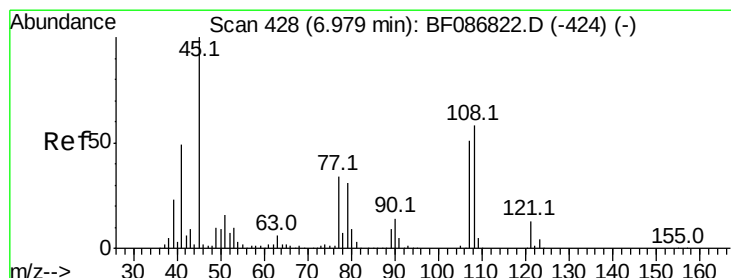
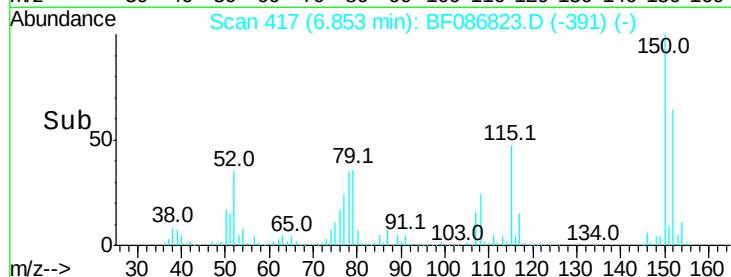
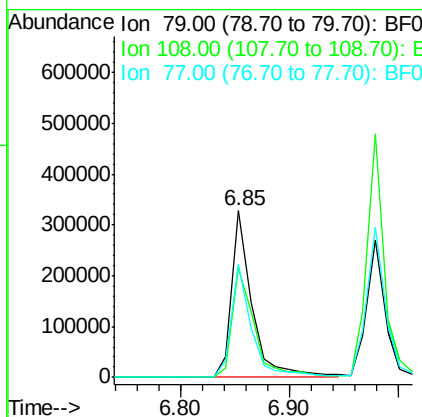
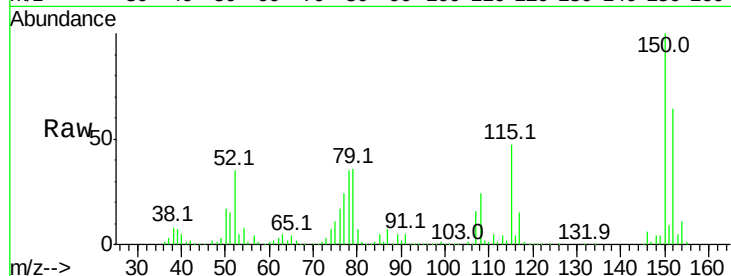
#15
Benzyl Alcohol
Concen: 49.65 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion: 79 Resp: 426187
Ion Ratio Lower Upper
79 100
108 65.8 68.4 102.6#
77 68.0 50.6 76.0

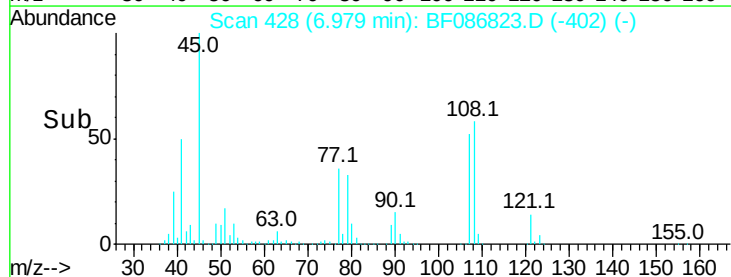
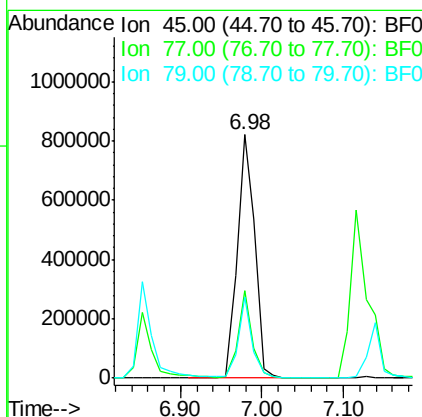
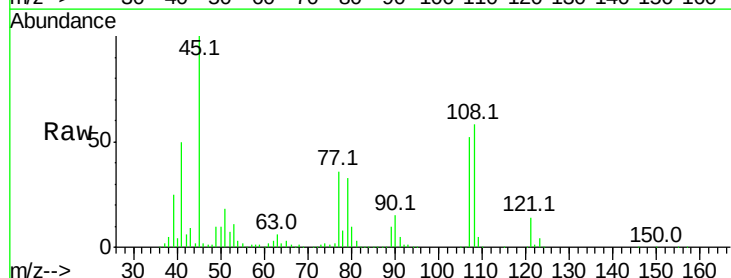
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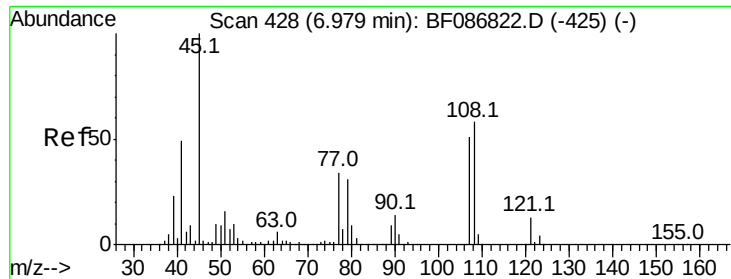
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#16
2,2'-oxybis(1-chloropropane)
Concen: 46.31 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Tgt Ion: 45 Resp: 1213125
Ion Ratio Lower Upper
45 100
77 36.0 0.0 36.4
79 33.0 0.0 33.4





#17

2-Methylphenol

Concen: 47.71 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:107 Resp: 466896
Ion Ratio Lower Upper

107 100

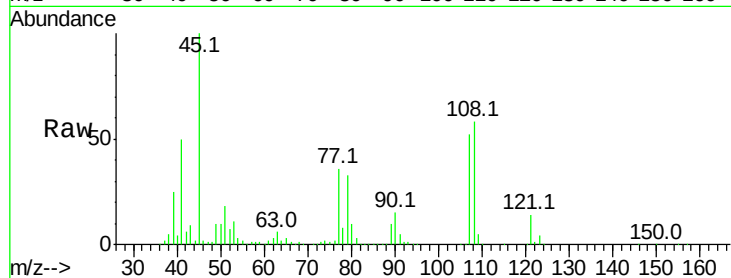
108 113.1 93.7 140.5

77 69.9 33.4 50.0#

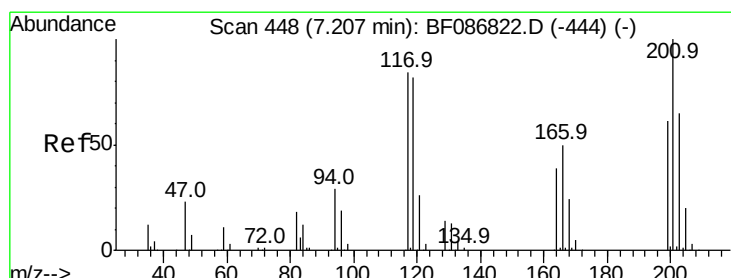
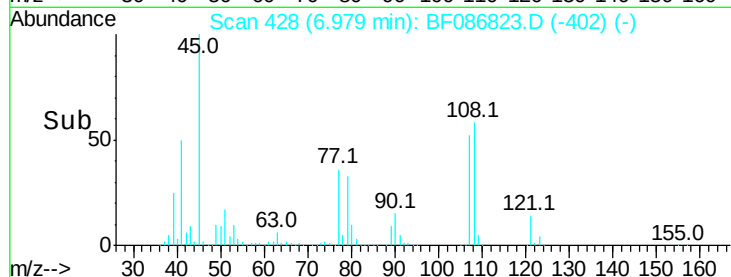
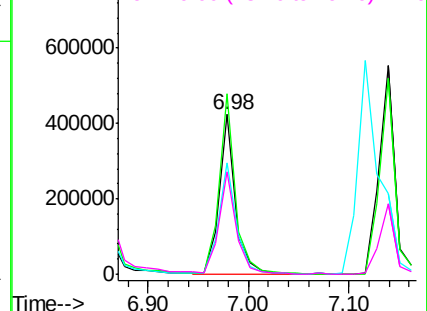
79 64.1 34.3 51.5#

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



#18

Hexachloroethane

Concen: 48.03 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF086823.D

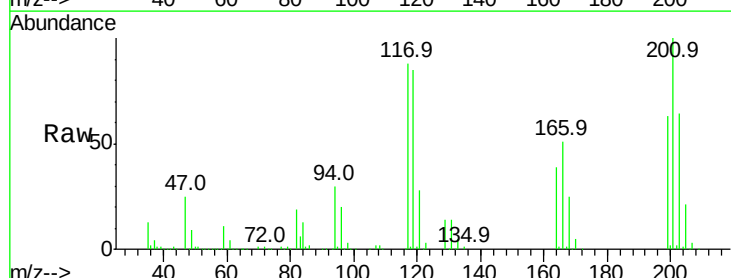
Acq: 9 May 2016 14:09

Tgt Ion:117 Resp: 241199
Ion Ratio Lower Upper

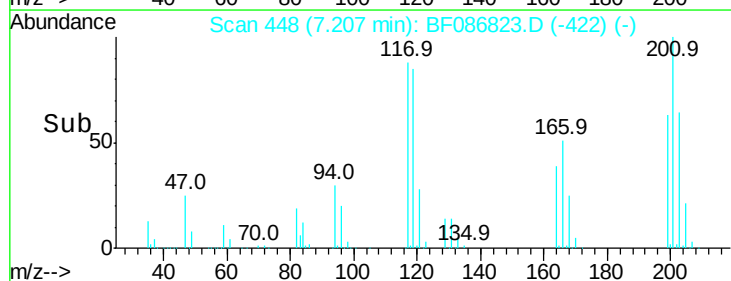
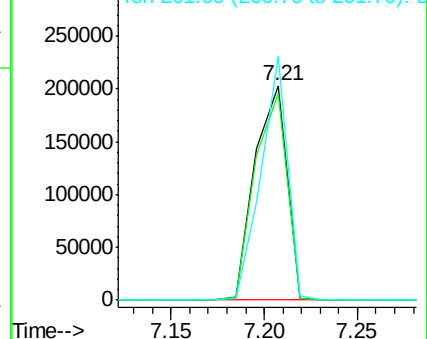
117 100

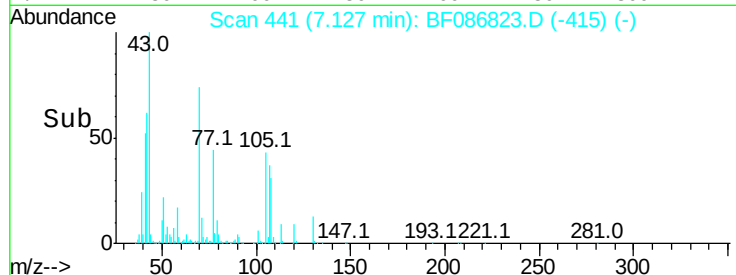
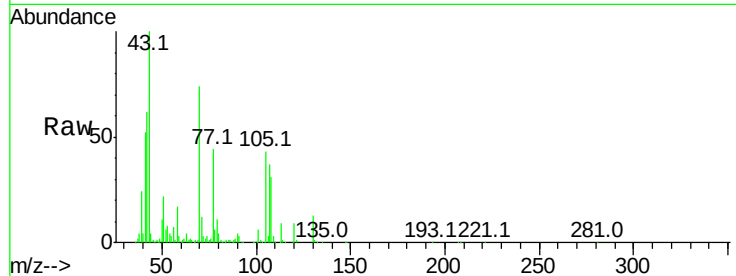
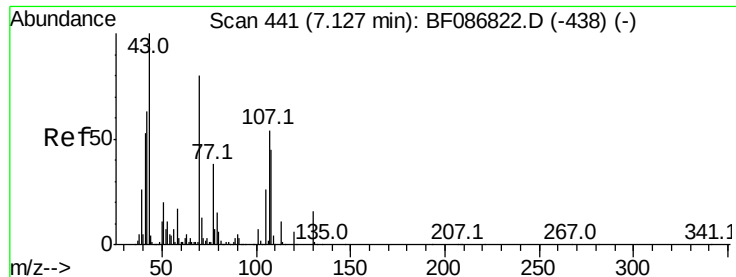
119 96.7 76.5 114.7

201 113.7 63.0 94.6#



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





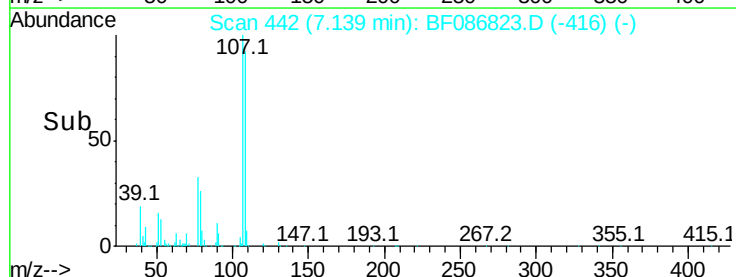
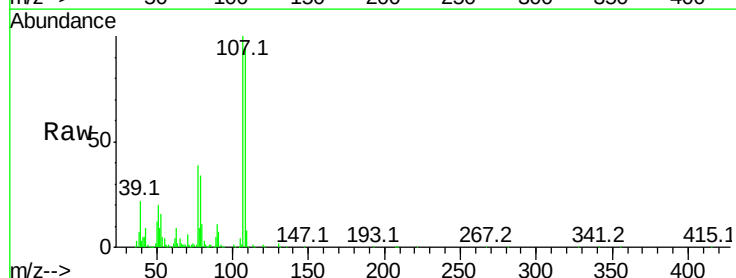
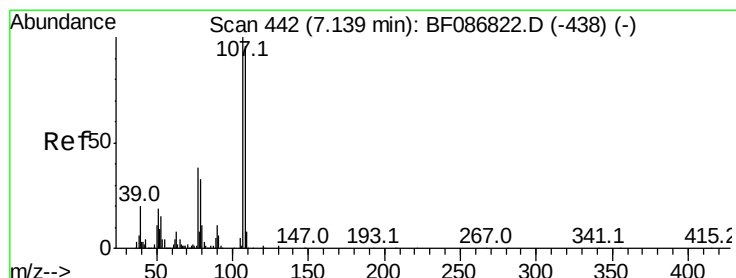
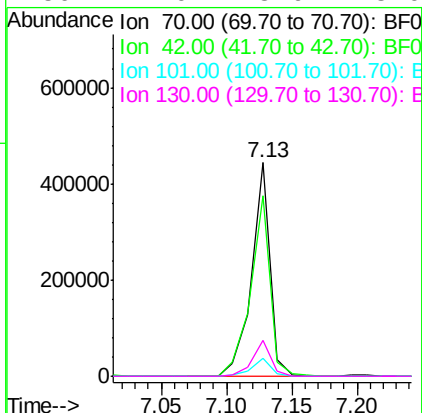
#19
n-Nitroso-di-n-propylamine
Concen: 48.91 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	84.3	43.1	64.7#	
101	8.7	8.1	12.1	
130	17.0	18.6	28.0#	

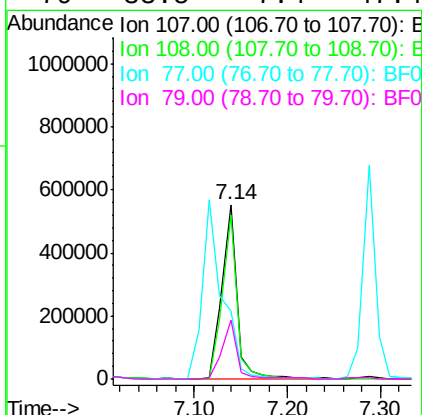
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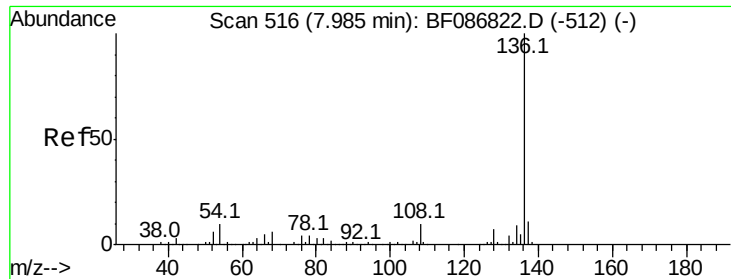
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#20
3+4-Methylphenols
Concen: 55.82 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.9	68.5	108.5	
77	38.6	101.6	141.6#	
79	33.5	7.4	47.4	





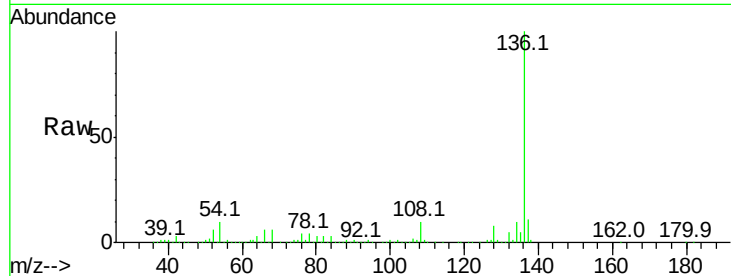
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100	705629		
137	11.1	8.8	13.2	
54	10.1	5.0	7.4	
68	5.7	4.4	6.6	

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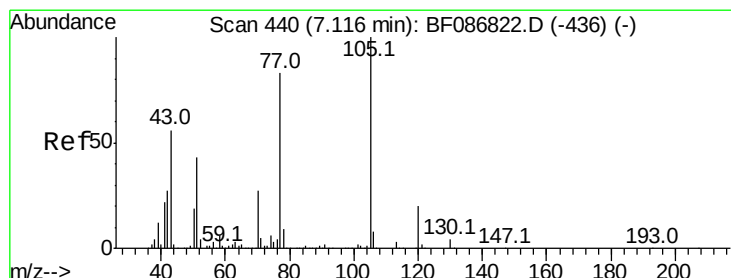
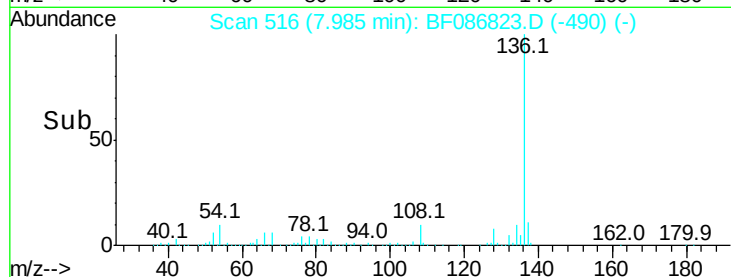
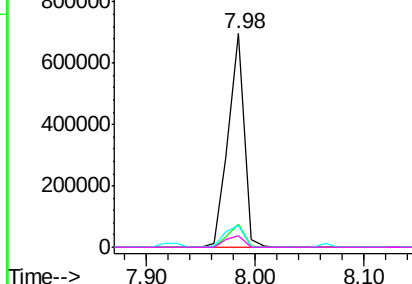
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 50.59 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	782818		
71	3.2	4.8	7.2	
51	43.8	32.6	49.0	
120	20.6	16.5	24.7	

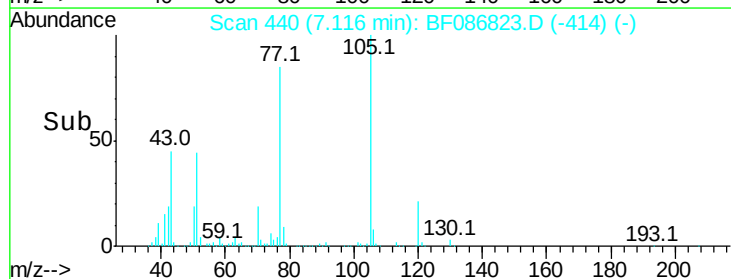
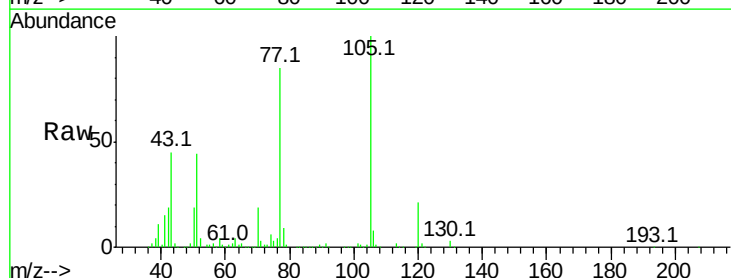
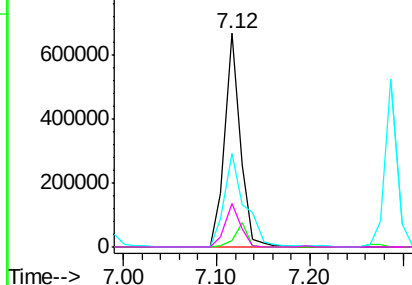
Abundance

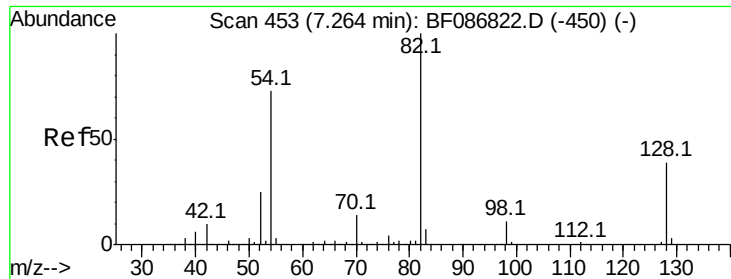
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





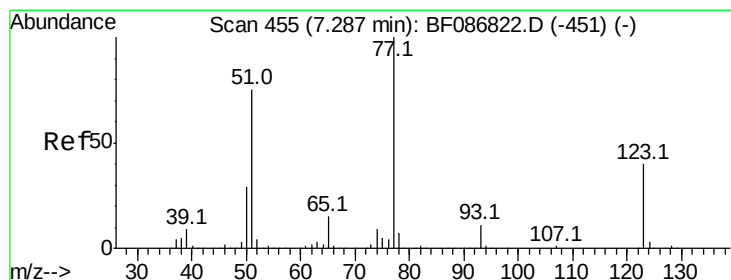
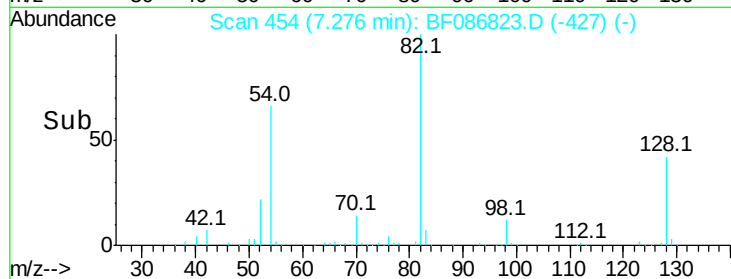
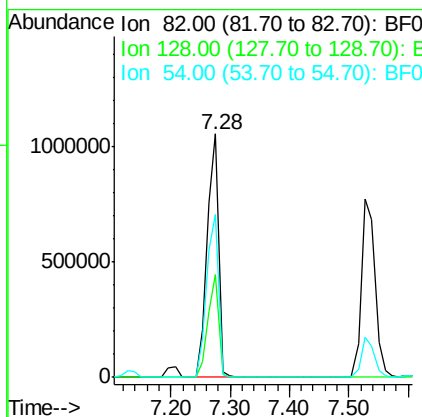
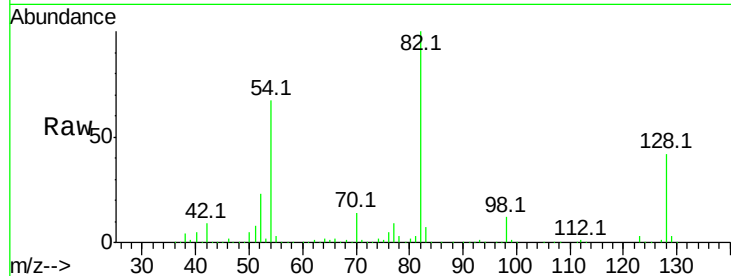
#23
 Nitrobenzene-d5
 Concen: 108.77 ng
 RT: 7.28 min Scan# 454
 Delta R.T. 0.01 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	82	Resp	1423903
Ion Ratio	100	Lower	Upper
128	42.3	40.6	61.0
54	66.8	38.1	57.1#

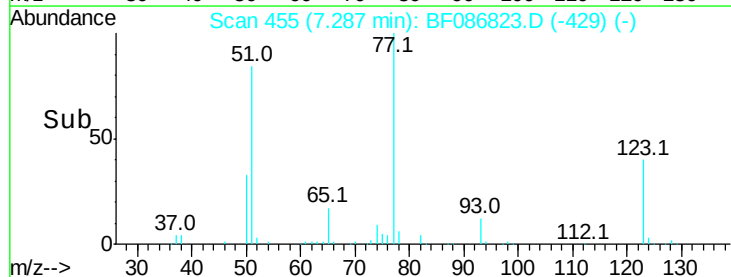
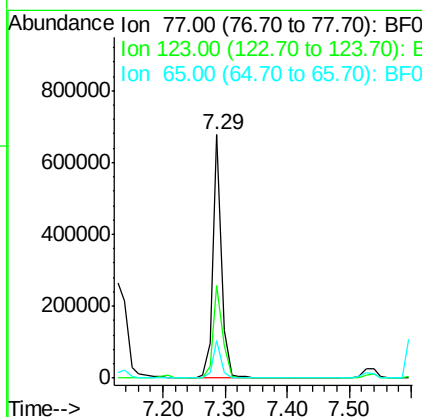
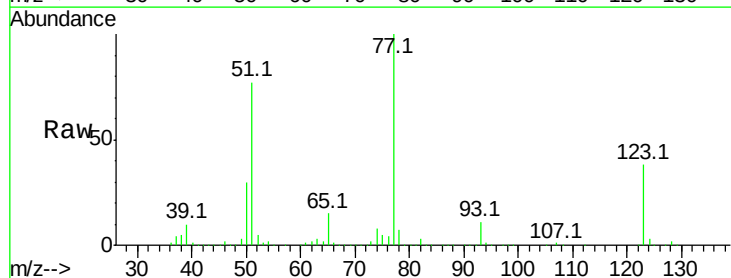
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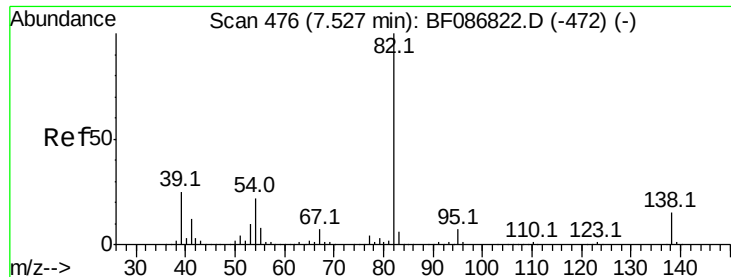
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#24
 Nitrobenzene
 Concen: 47.83 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Tgt Ion	77	Resp	644071
Ion Ratio	100	Lower	Upper
123	37.8	33.0	49.4
65	15.5	10.8	16.2





#25

Isophorone

Concen: 48.61 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 82 Resp: 1224781

Ion Ratio Lower Upper

82 100

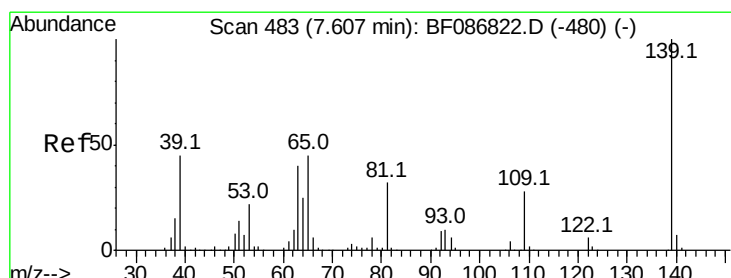
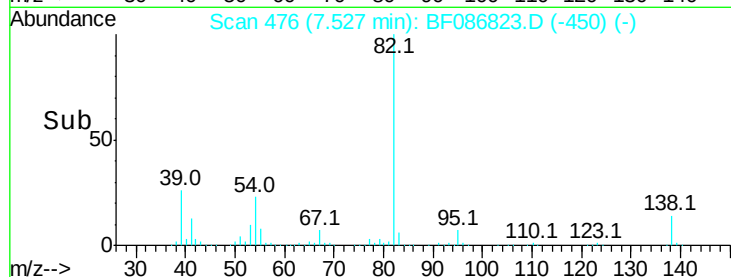
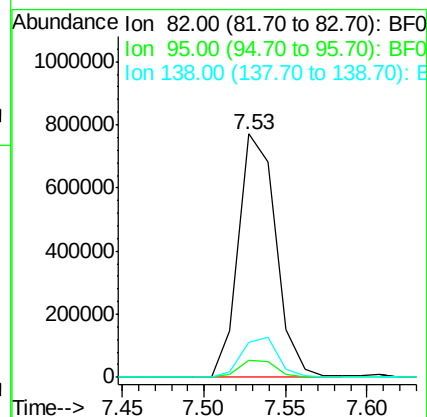
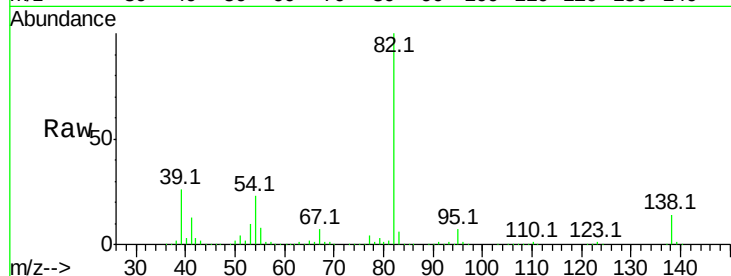
95 6.9 5.1 7.7

138 14.3 12.4 18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.74 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

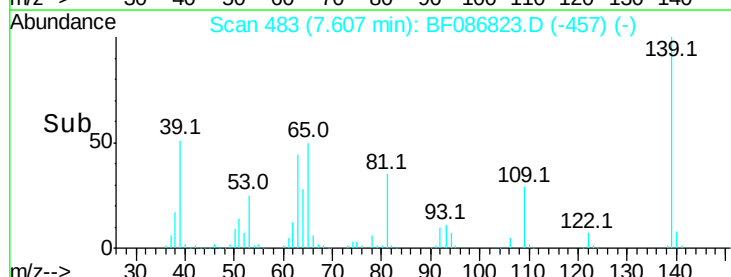
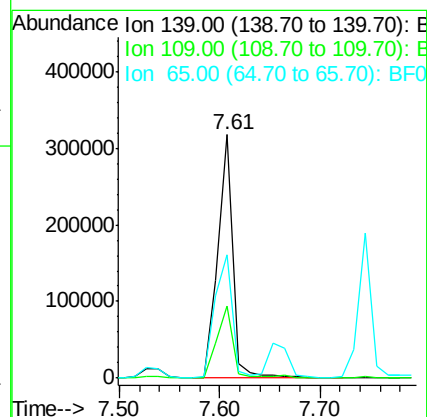
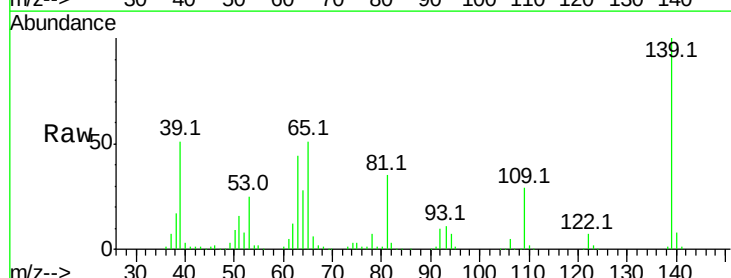
Tgt Ion: 139 Resp: 333240

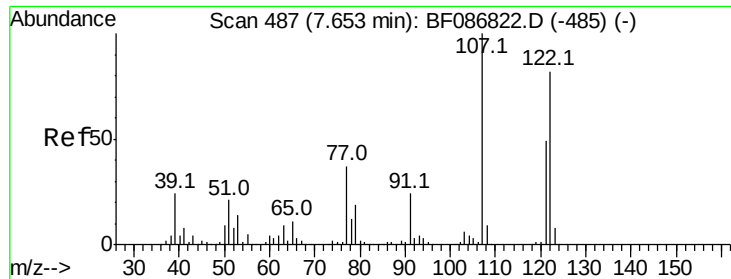
Ion Ratio Lower Upper

139 100

109 29.4 19.5 29.3#

65 50.8 37.5 56.3





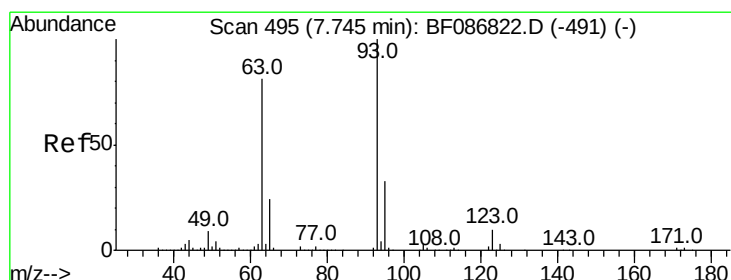
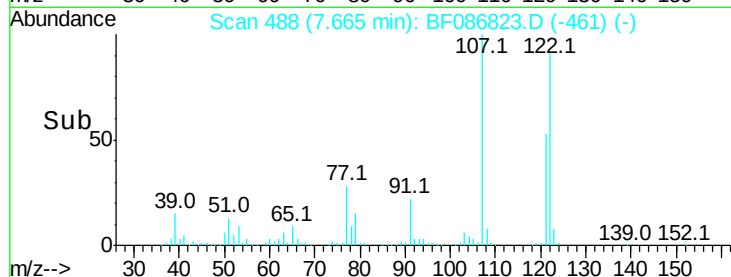
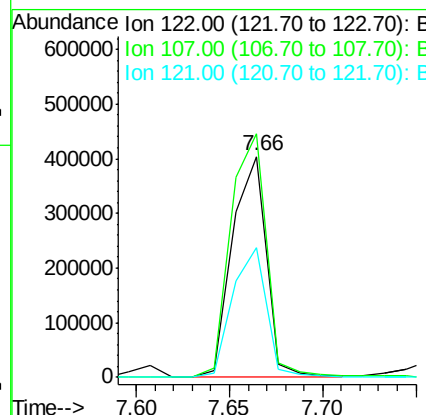
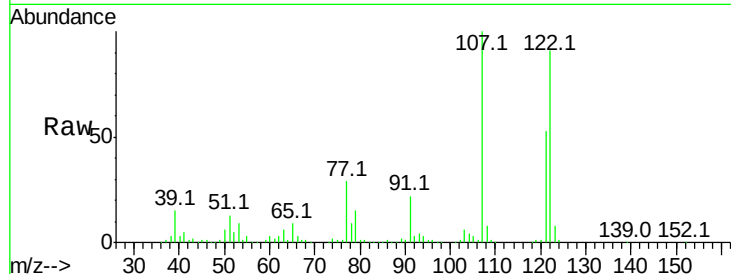
#27
2,4-Dimethylphenol
Concen: 47.44 ng
RT: 7.66 min Scan# 488
Delta R.T. 0.01 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
122	100	516081		
107	110.4	82.0	123.0	
121	58.8	46.1	69.1	

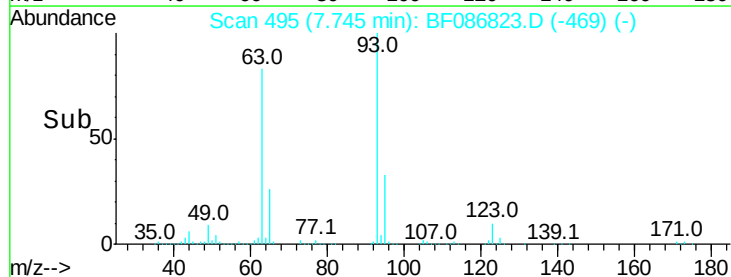
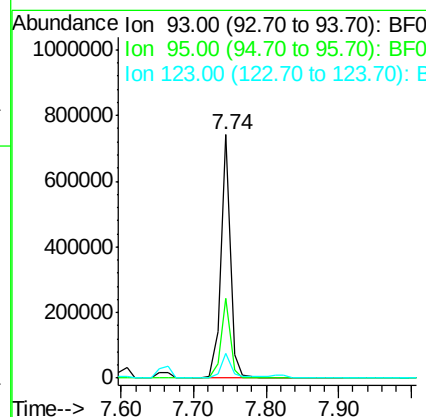
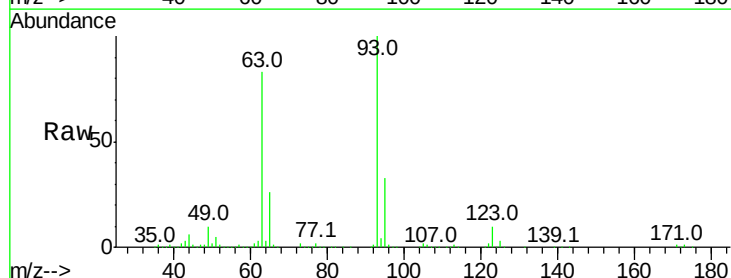
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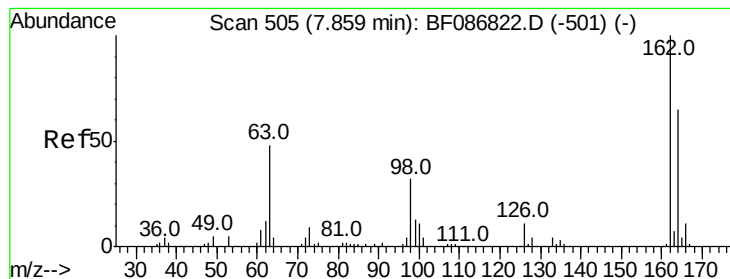
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#28
bis(2-Chloroethoxy)methane
Concen: 49.02 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	672837		
95	33.0	26.0	39.0	
123	10.2	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 50.39 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

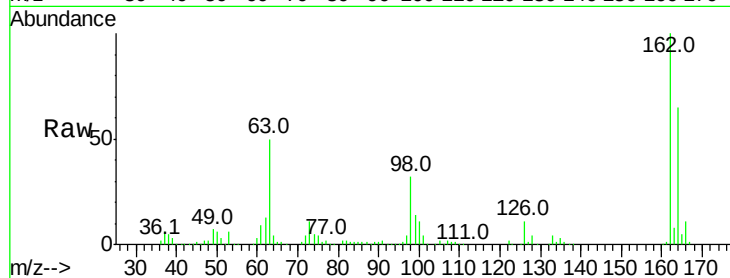
ClientSampled :

SSTDIC050

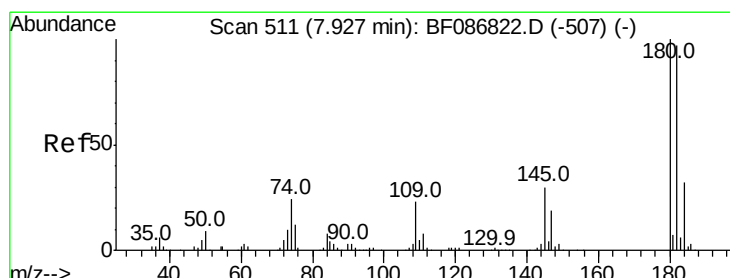
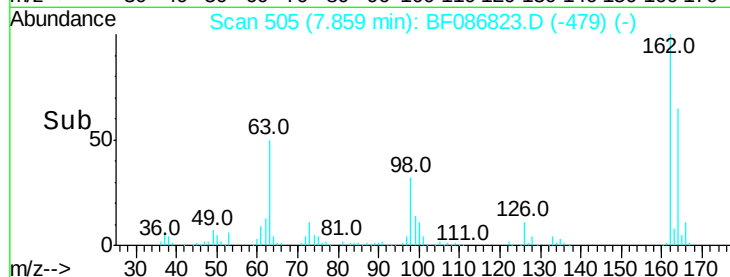
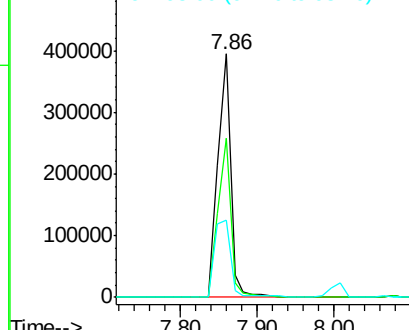
Tot Ion:	162	Resp:	462554
Ion Ratio	Lower	Upper	
162	100		
164	65.4	42.2	82.2
98	31.6	19.0	59.0

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



#30

1,2,4-Trichlorobenzene

Concen: 48.16 ng

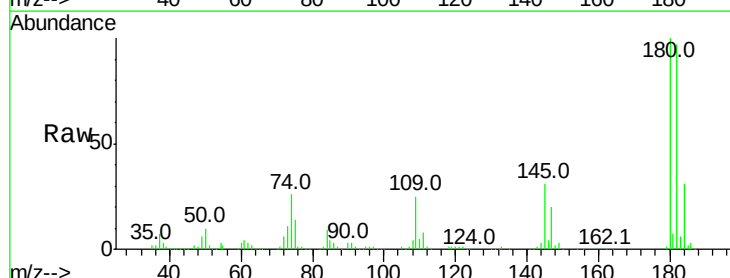
RT: 7.93 min Scan# 511

Delta R.T. 0.00 min

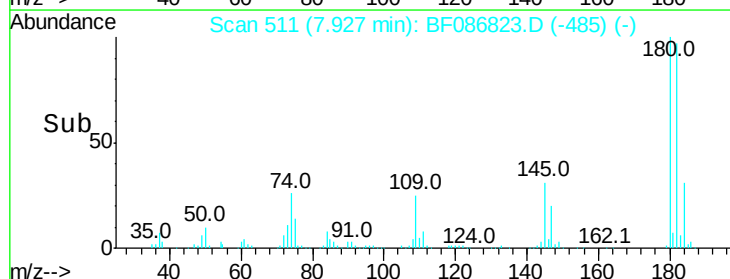
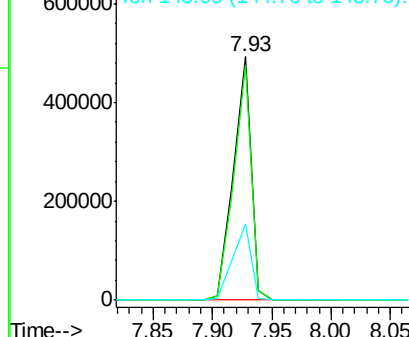
Lab File: BF086823.D

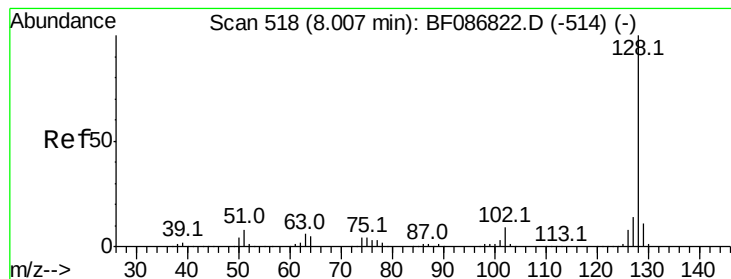
Acq: 9 May 2016 14:09

Tgt Ion:	180	Resp:	512794
Ion Ratio	Lower	Upper	
180	100		
182	96.5	78.0	117.0
145	31.0	24.2	36.2



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





#31

Naphthalene

Concen: 47.04 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:128 Resp: 1688942

Ion Ratio Lower Upper

128 100

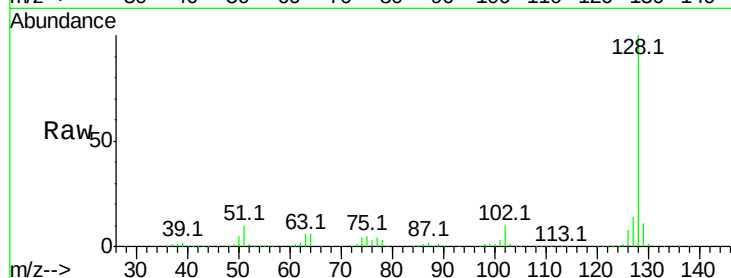
129 11.2 8.6 13.0

127 13.8 10.8 16.2

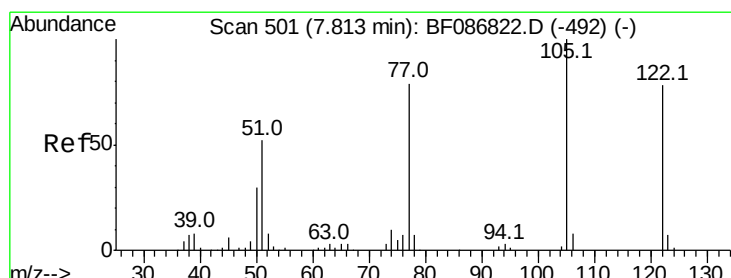
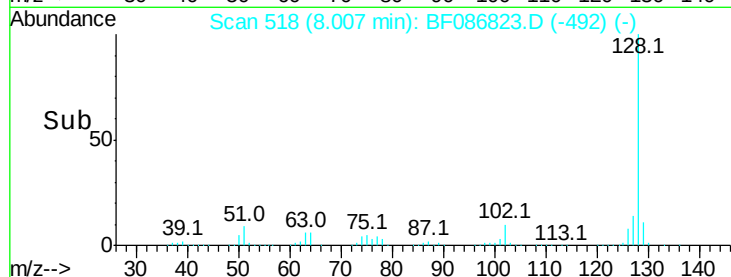
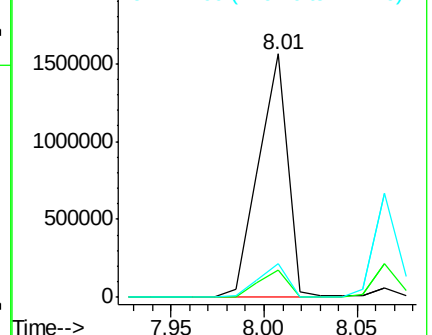
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 57.94 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

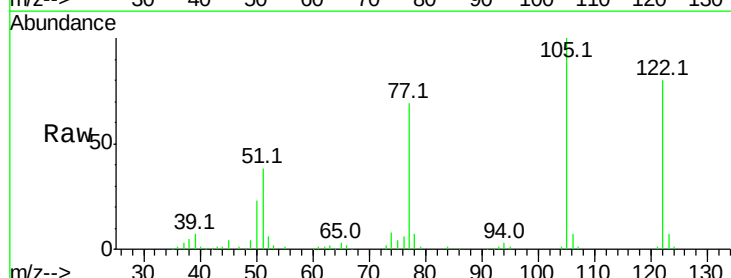
Tgt Ion:122 Resp: 326875

Ion Ratio Lower Upper

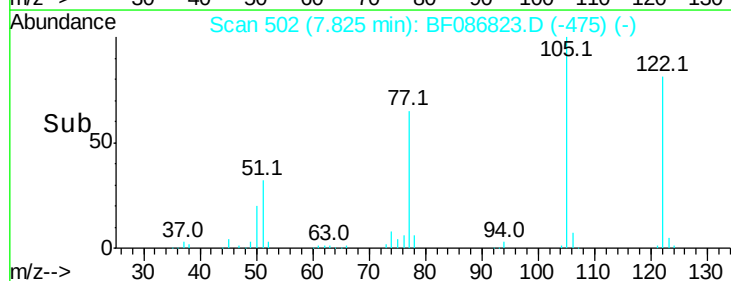
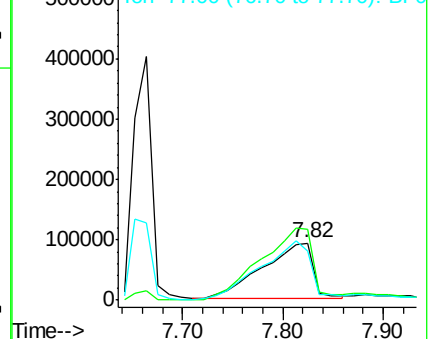
122 100

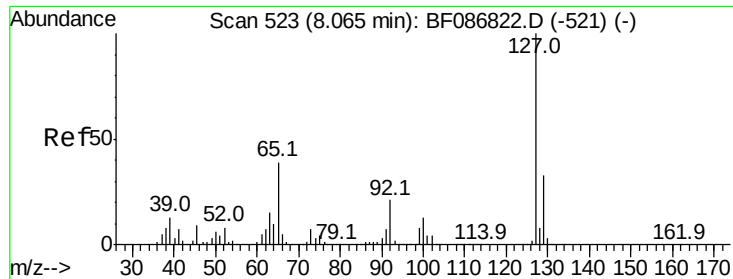
105 124.5 92.6 132.6

77 86.3 60.0 100.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





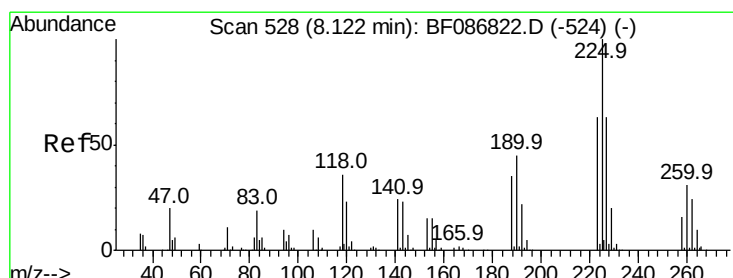
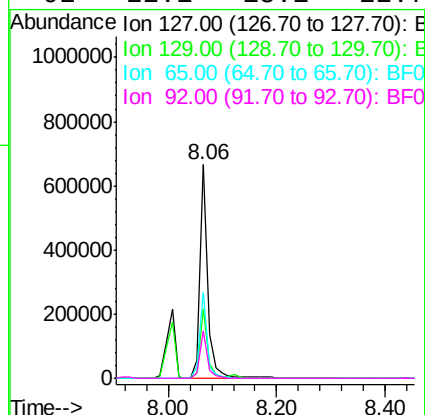
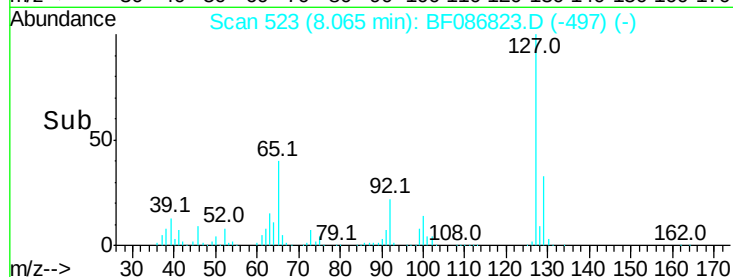
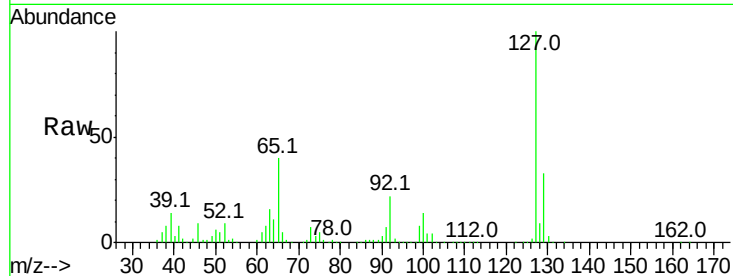
#33
4-Chloroaniline
Concen: 48.05 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Instrument :
BNA_F
ClientSampled :
SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.4		
65	40.2	23.0	34.4		
92	22.1	15.1	22.7		

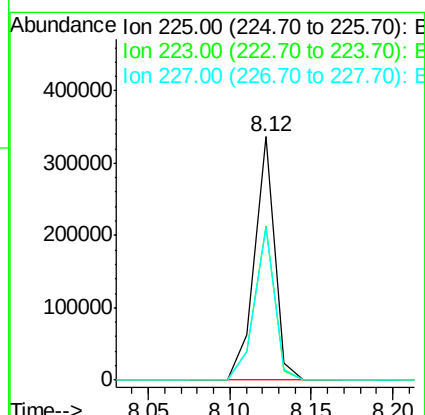
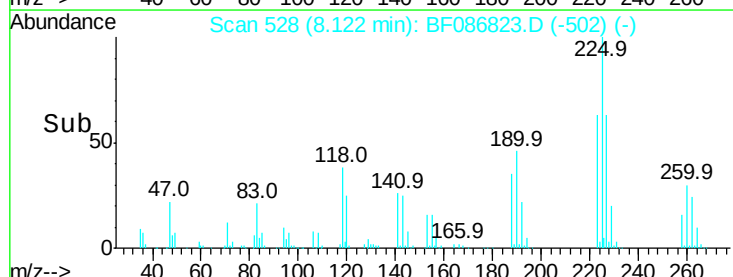
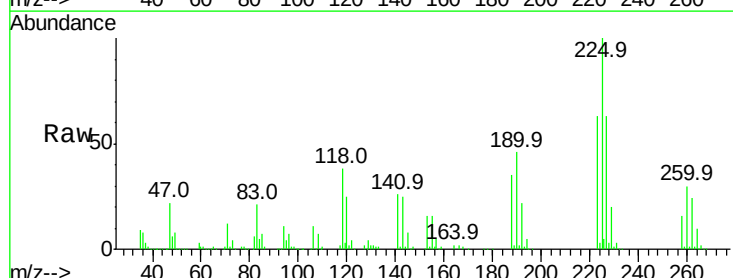
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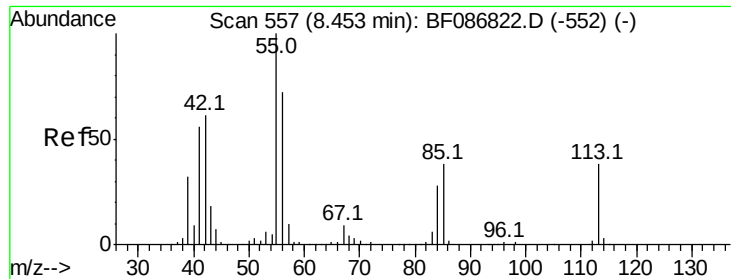
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#34
Hexachlorobutadiene
Concen: 48.76 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	51.5	77.3		
227	62.8	52.2	78.2		





#35

Caprolactam

Concen: 51.64 ng

RT: 8.46 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

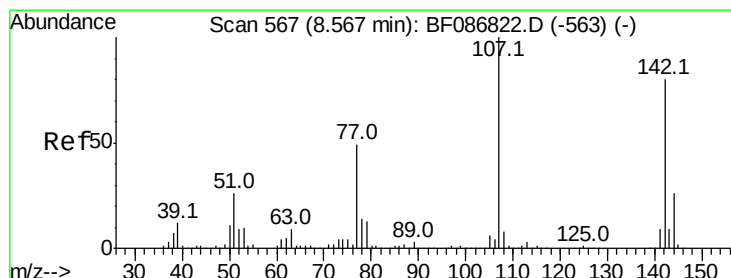
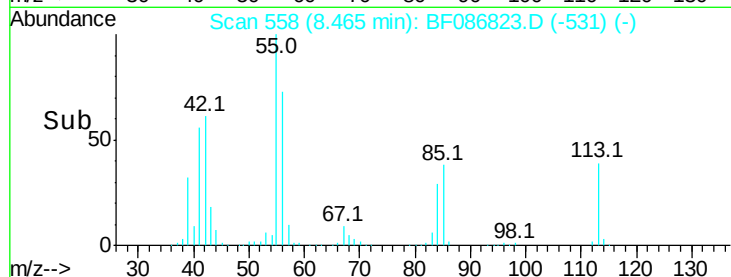
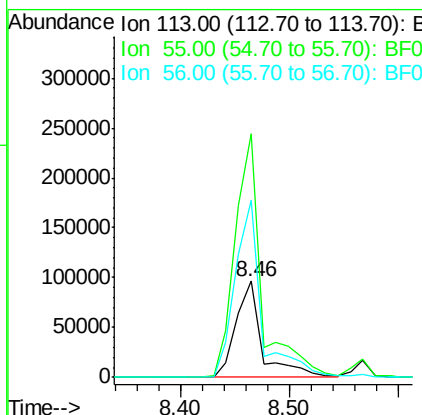
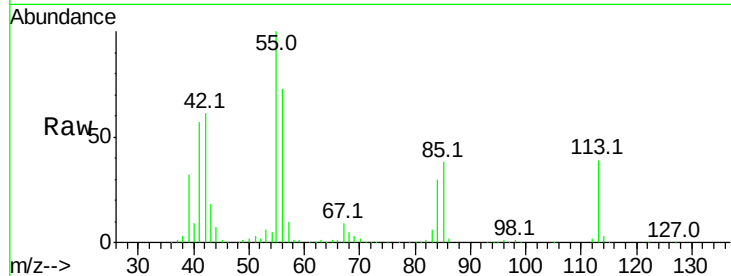
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	253.9	162.0	202.0#	
56	184.5	115.3	155.3#	

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#36

4-Chloro-3-methylphenol

Concen: 54.15 ng

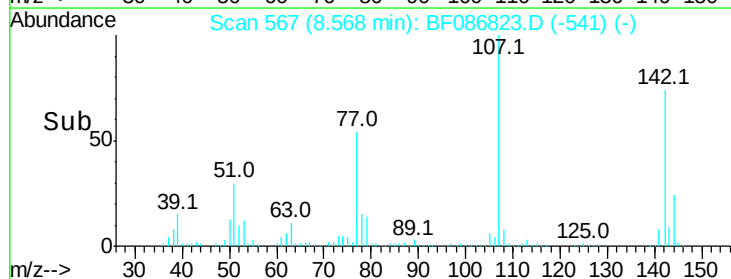
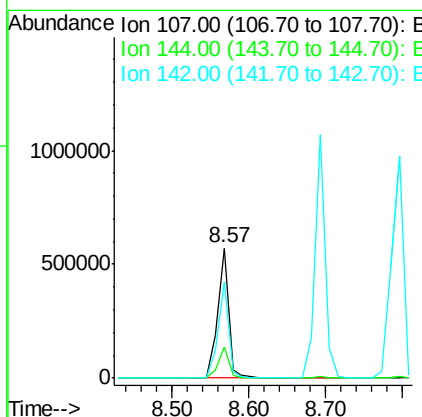
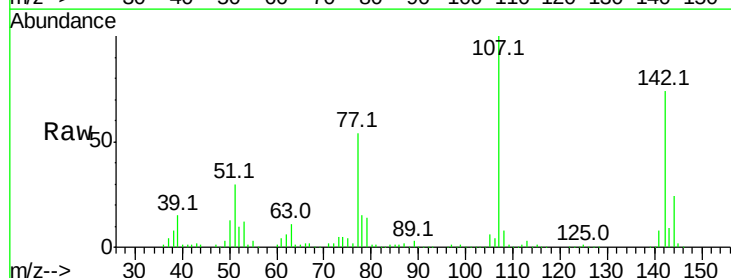
RT: 8.57 min Scan# 567

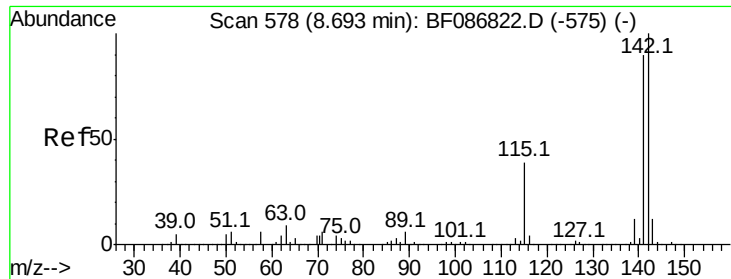
Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.2	20.7	31.1	
142	74.3	63.2	94.8	





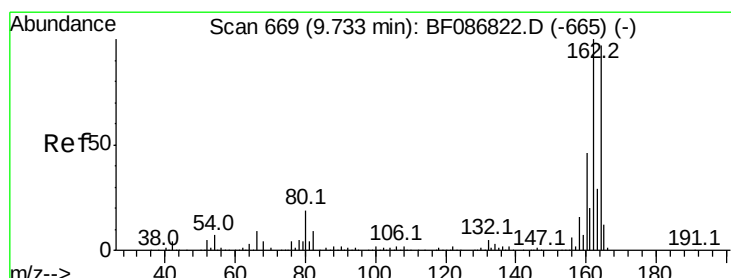
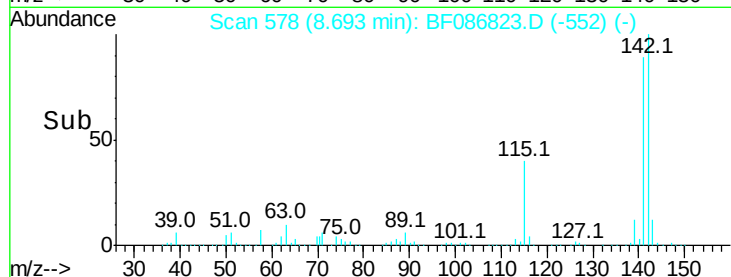
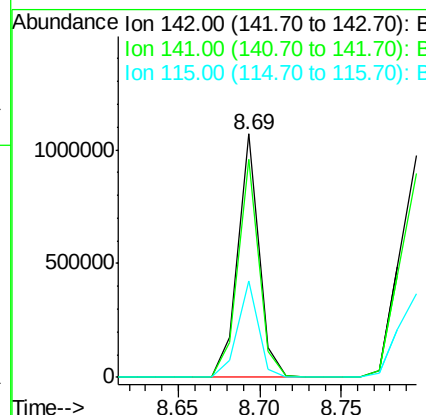
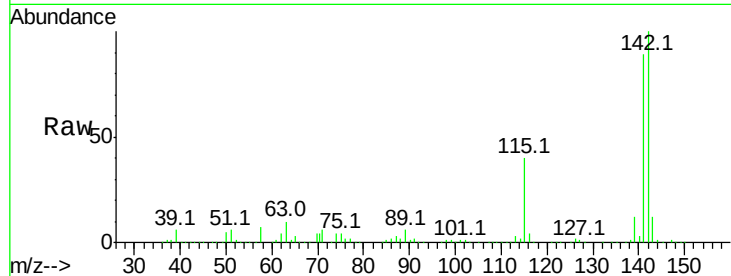
#37
2-Methylnaphthalene
Concen: 45.05 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
142	100	954377		
141	89.4	71.0	106.6	
115	39.8	26.6	39.8	

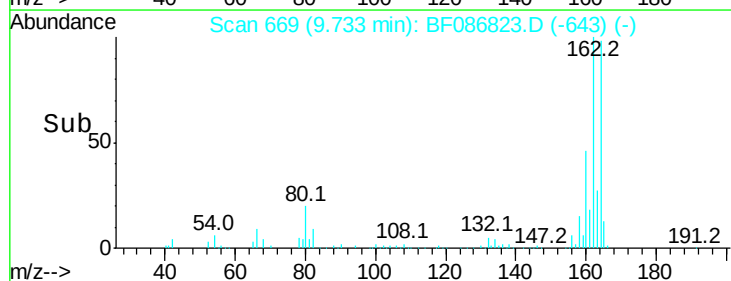
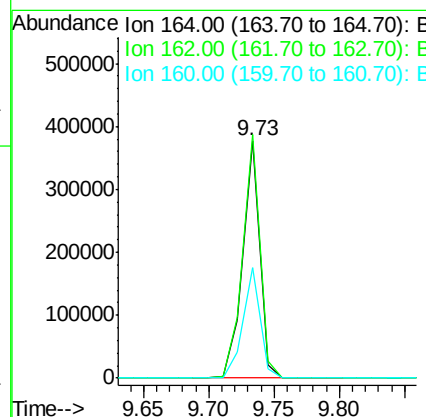
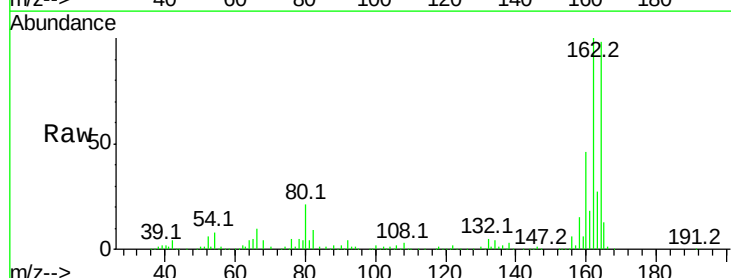
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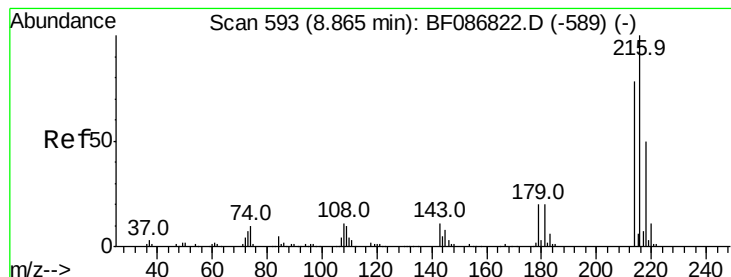
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	340775		
162	102.4	82.8	124.2	
160	46.6	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.28 ng

RT: 8.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

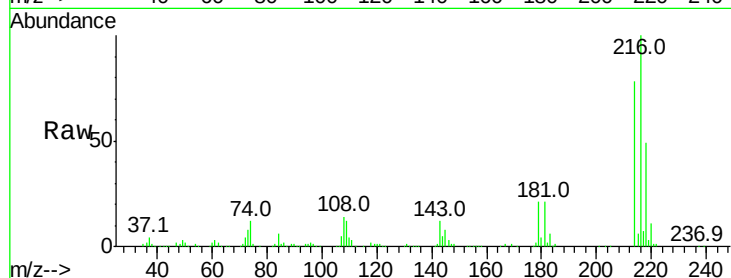
ClientSampleId :

SSTDIC050

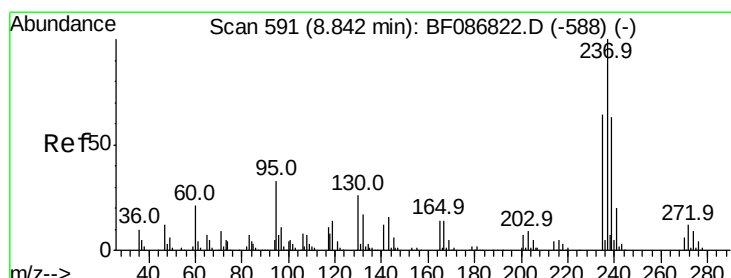
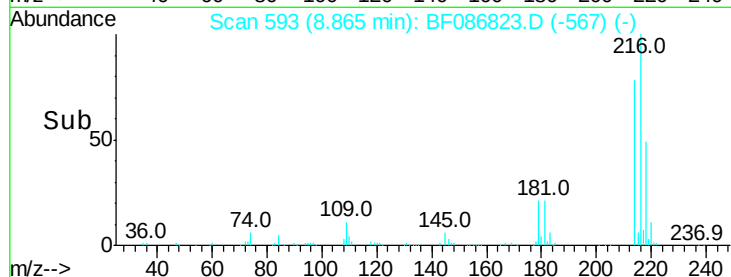
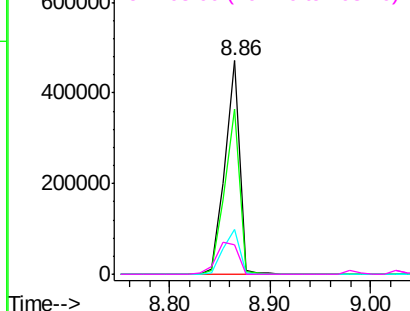
Tot Ion	Ratio	Resp	Lower	Upper
216	100	480708		
214	78.5	62.6	93.8	
179	23.2	18.2	27.4	
108	22.1	17.5	26.3	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 48.74 ng

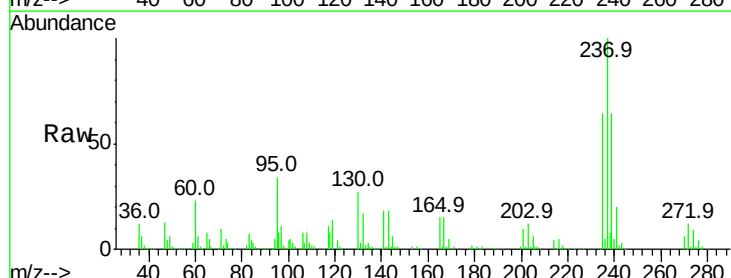
RT: 8.84 min Scan# 591

Delta R.T. 0.00 min

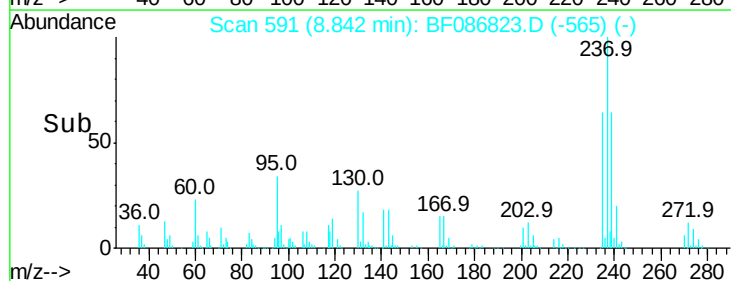
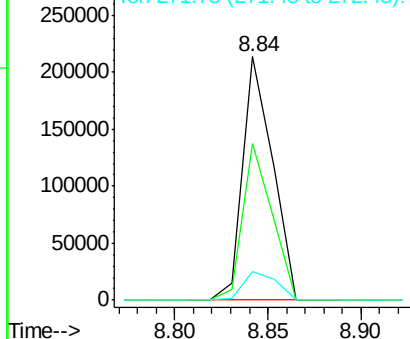
Lab File: BF086823.D

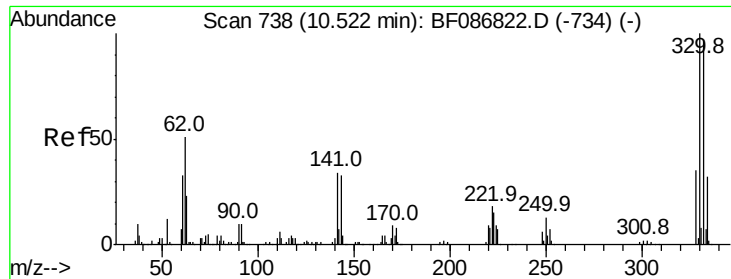
Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	236258		
235	64.2	47.2	87.2	
272	11.6	0.0	31.1	



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





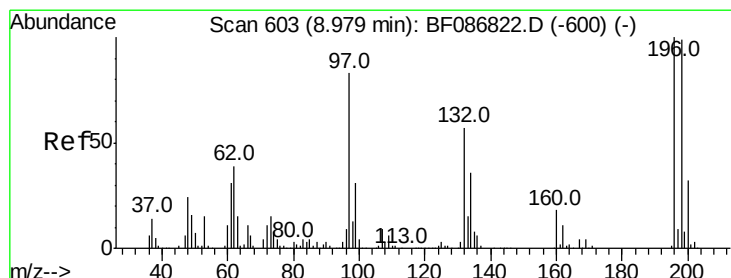
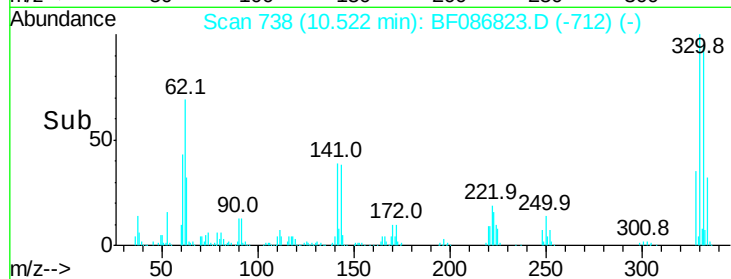
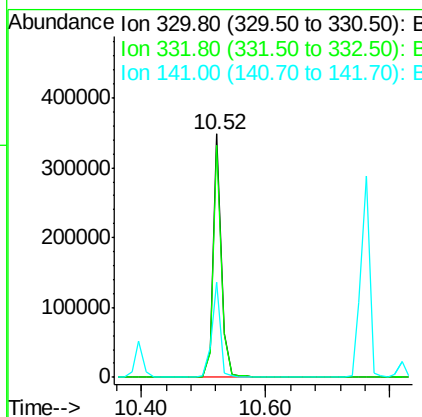
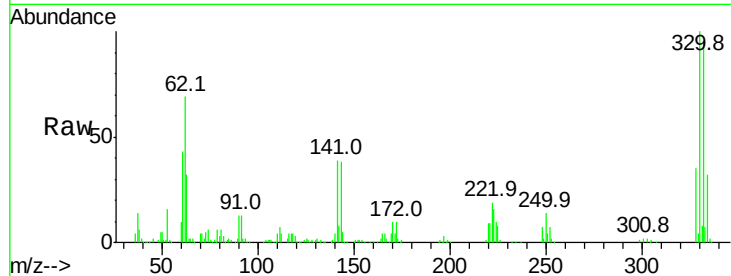
#41
 2,4,6-Tribromophenol
 Concen: 89.09 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
330	100	320175		
332	95.4	79.0	118.4	
141	40.4	31.2	46.8	

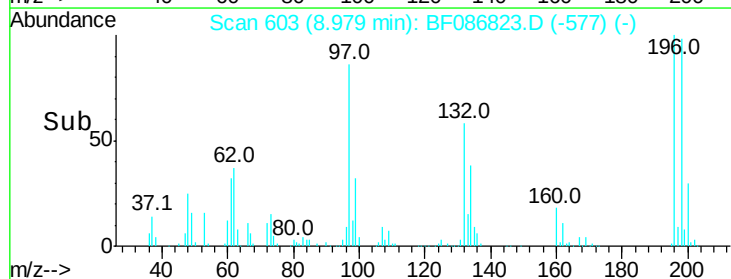
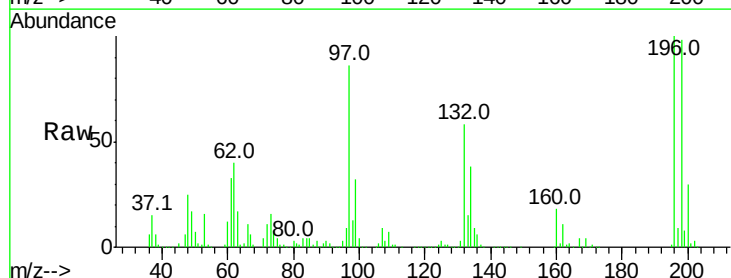
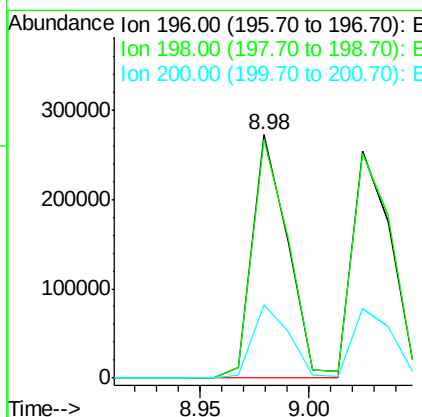
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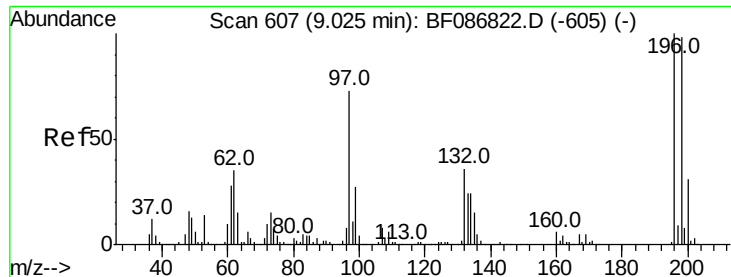
sohil
 5/10/2016 11:06:34 AM



#42
 2,4,6-Trichlorophenol
 Concen: 50.38 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	310643		
198	98.0	74.7	112.1	
200	29.9	23.8	35.6	





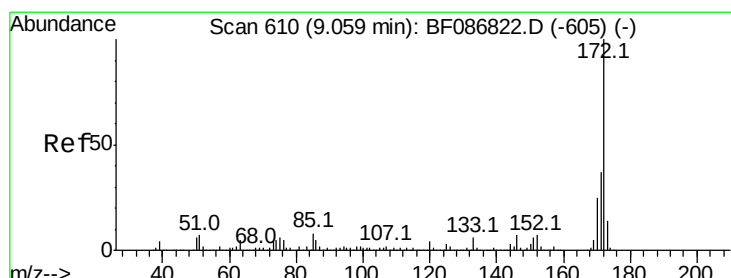
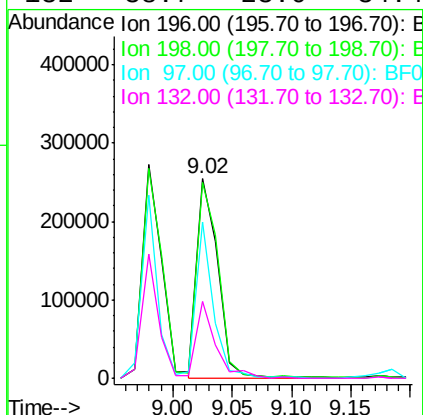
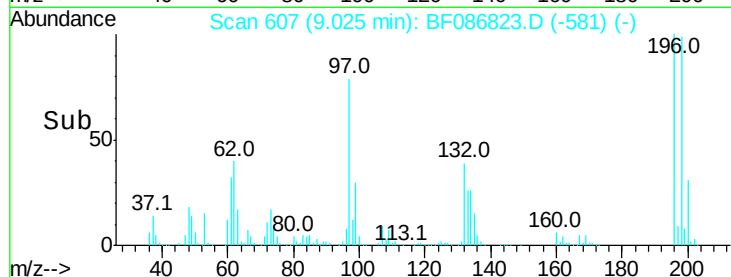
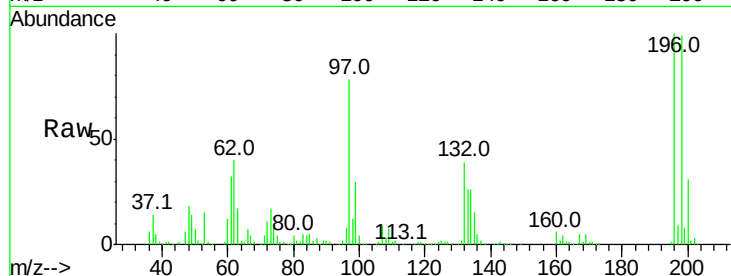
#43
 2,4,5-Trichlorophenol
 Concen: 46.99 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	196	Resp	315797
Ion Ratio	Lower	Upper	
196	100		
198	98.6	77.5	116.3
97	78.4	34.8	52.2#
132	38.7	23.0	34.4#

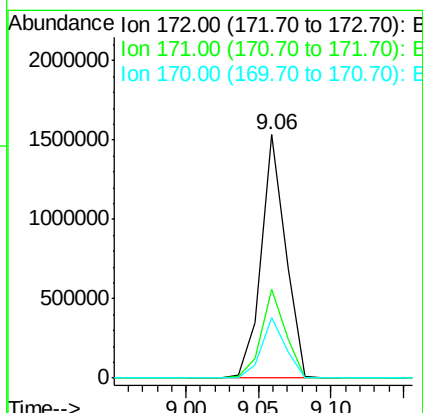
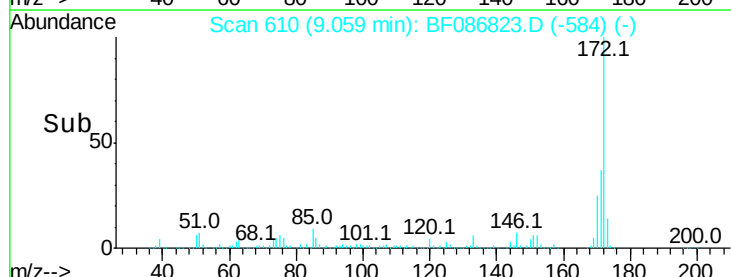
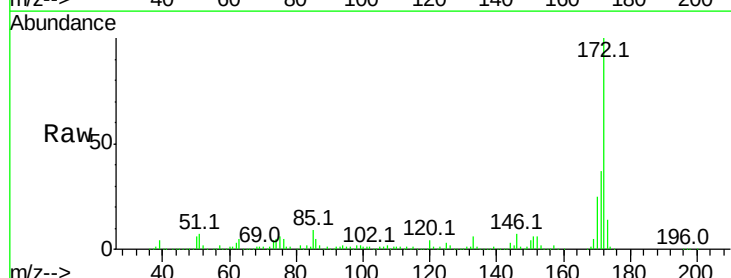
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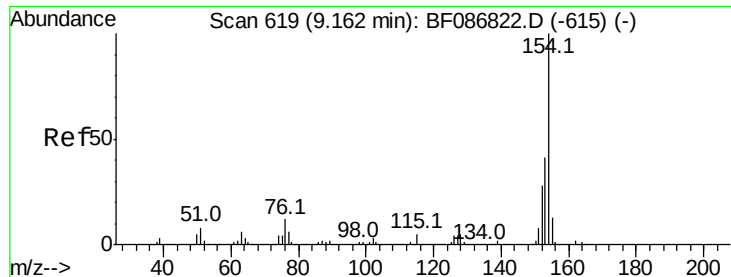
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#44
 2-Fluorobiphenyl
 Concen: 88.59 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Tgt Ion	172	Resp	1783786
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.0	43.6
170	24.7	19.8	29.8





#45

1,1'-Biphenyl

Concen: 44.58 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1269682

Ion Ratio Lower Upper

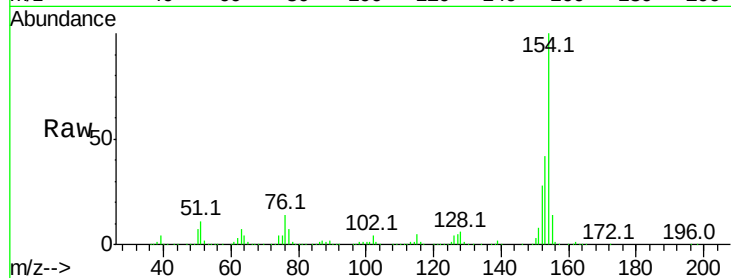
154 100

153 41.9 20.3 60.3

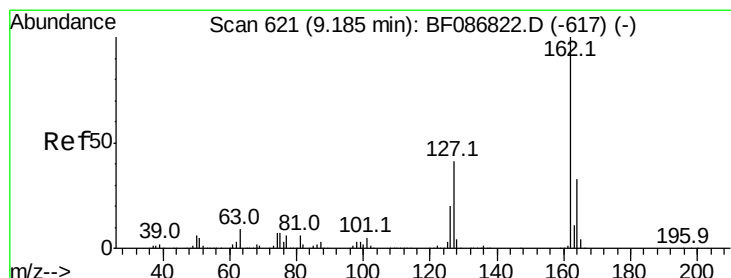
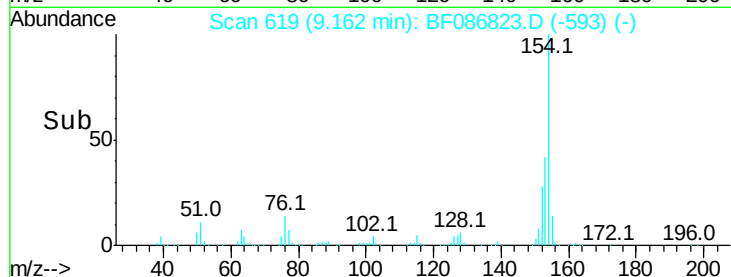
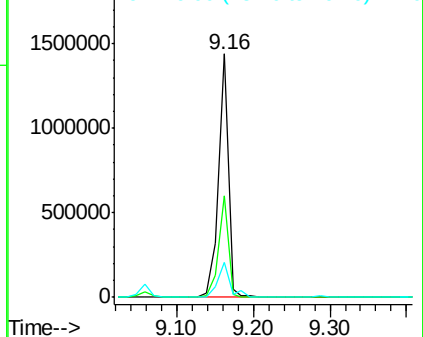
76 14.3 0.0 30.2

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



#46

2-Chloronaphthalene

Concen: 47.16 ng

RT: 9.18 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

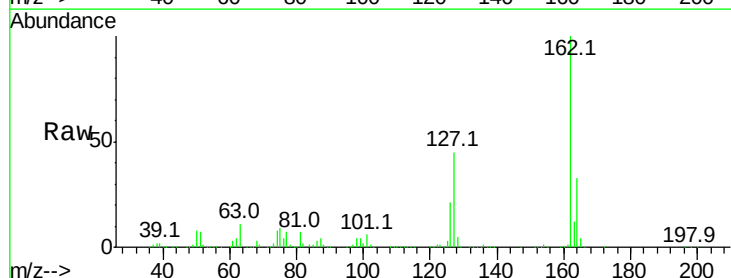
Tgt Ion:162 Resp: 1021331

Ion Ratio Lower Upper

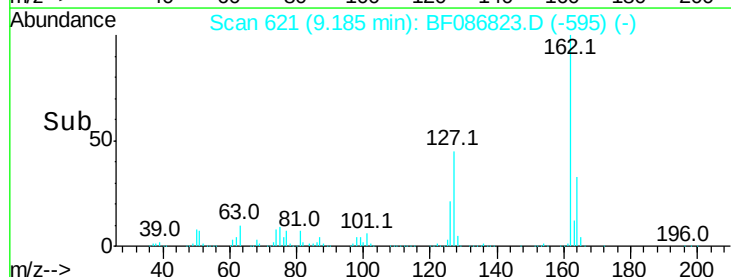
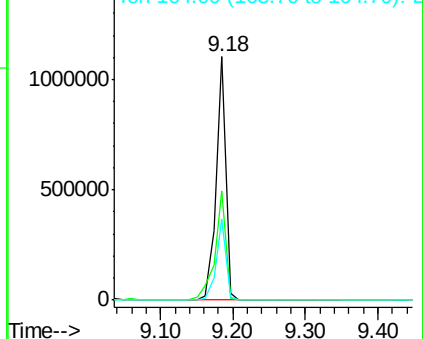
162 100

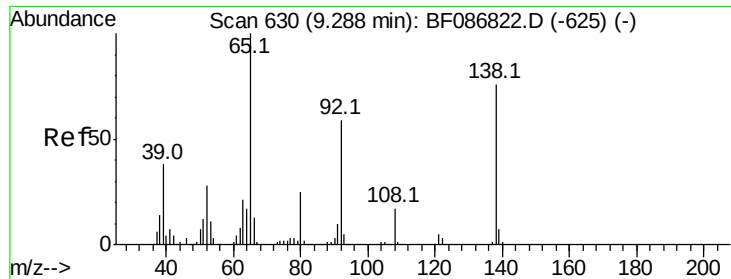
127 44.6 31.8 47.6

164 33.2 27.0 40.6



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





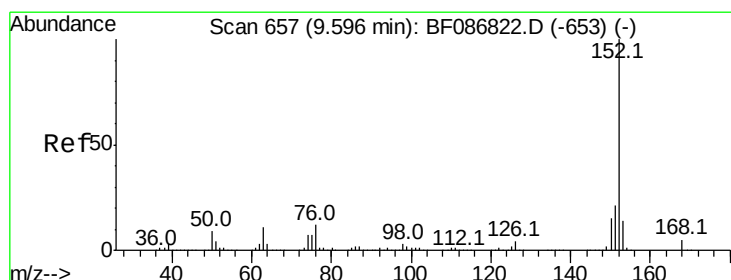
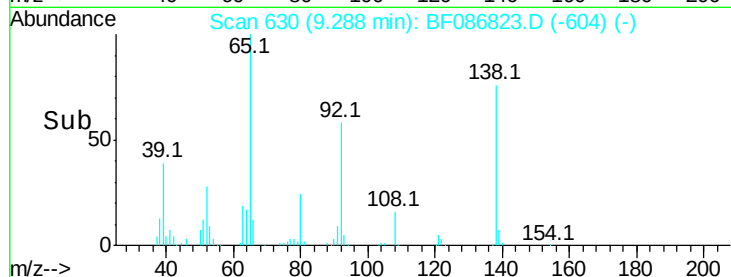
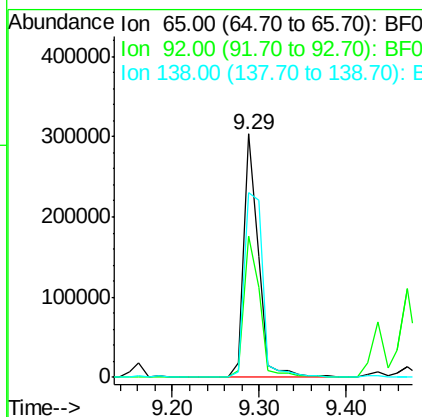
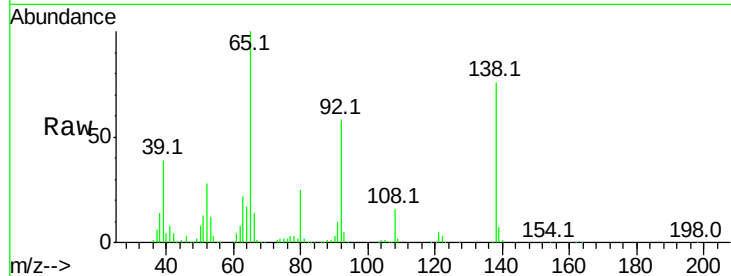
#47
2-Nitroaniline
Concen: 50.94 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.9	57.4	86.2
138	75.7	90.1	135.1#

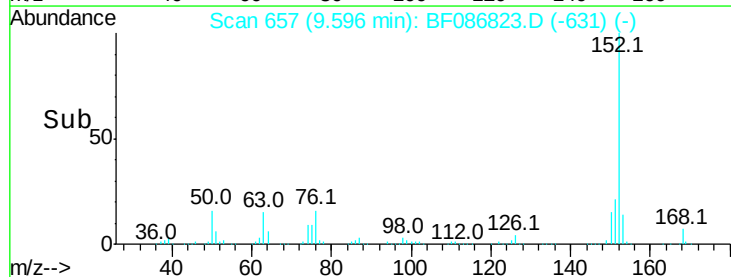
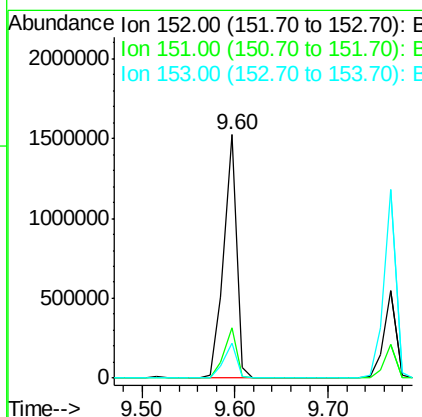
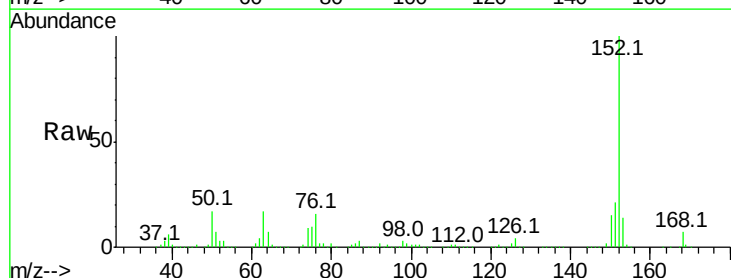
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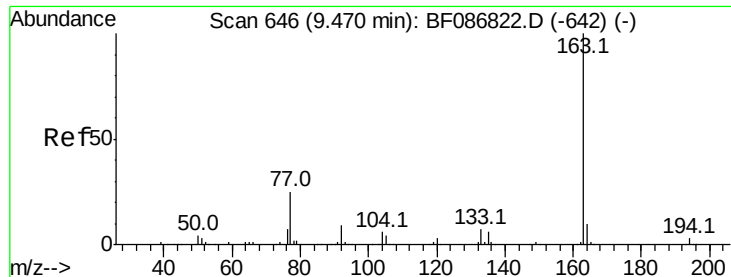
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#48
Acenaphthylene
Concen: 43.32 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.4	10.9	16.3





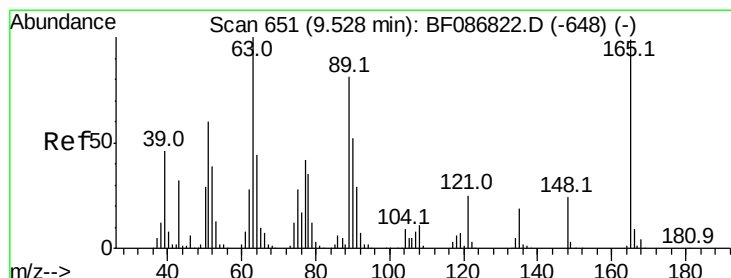
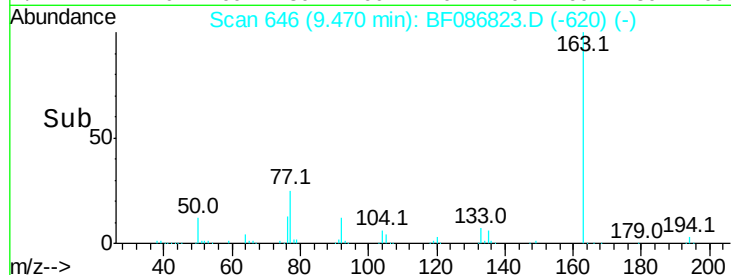
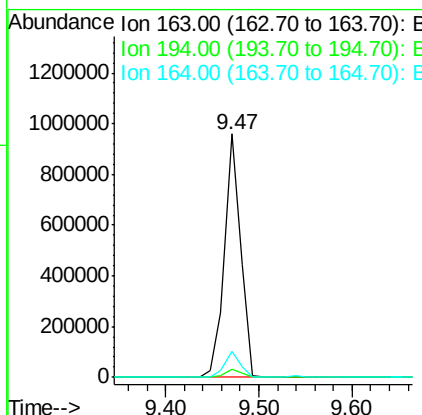
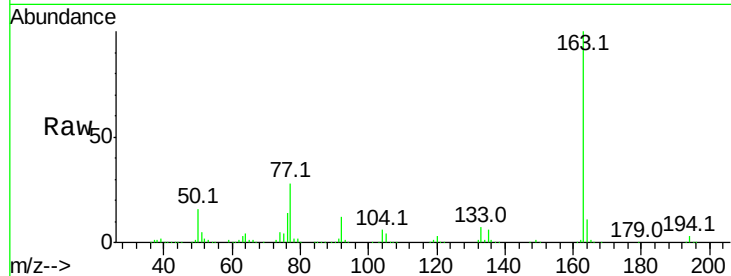
#49
Dimethylphthalate
Concen: 45.45 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:163 Resp: 1166020
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.6 8.2 12.4

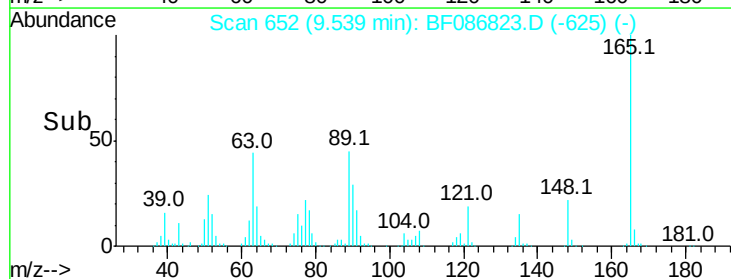
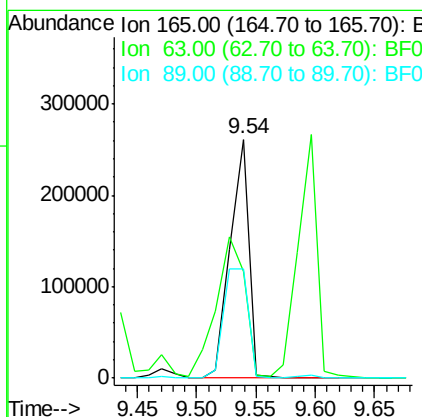
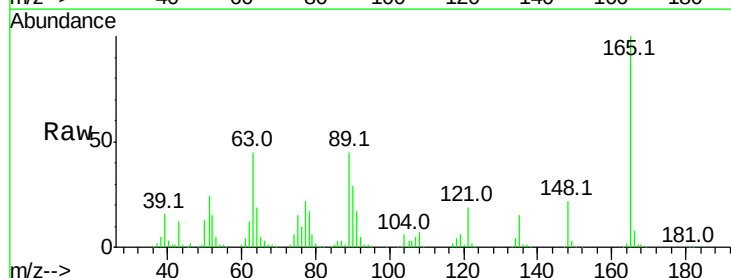
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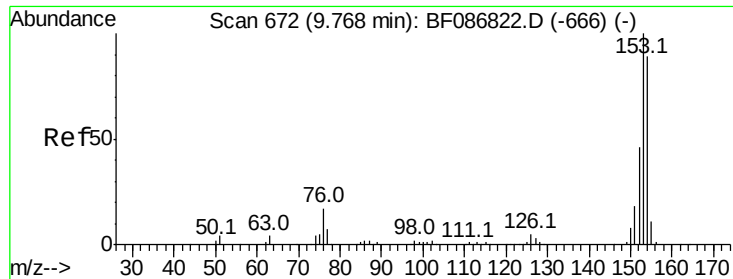
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#50
2,6-Dinitrotoluene
Concen: 54.05 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Tgt Ion:165 Resp: 286482
Ion Ratio Lower Upper
165 100
63 44.5 51.8 77.8#
89 45.4 50.7 76.1#





#51

Acenaphthene

Concen: 43.26 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

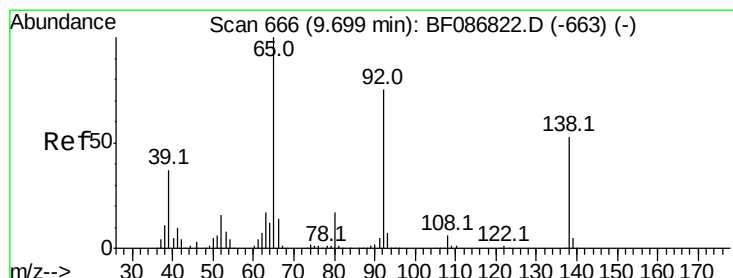
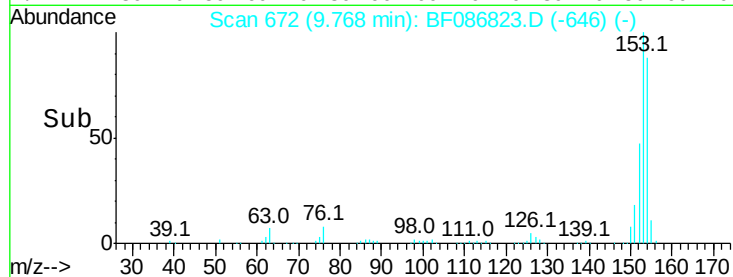
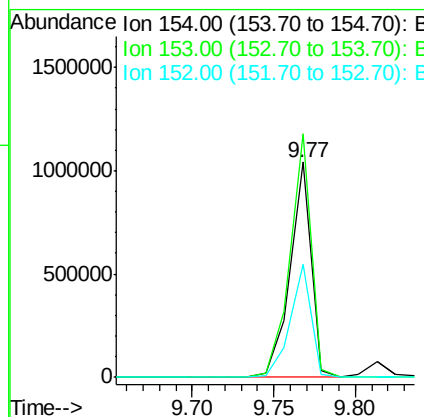
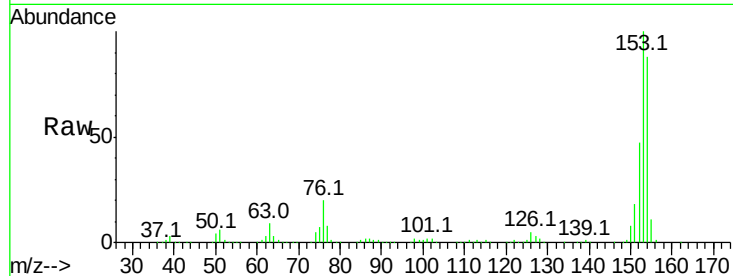
ClientSampleId :

SSTDIC050

Tot Ion:	154	Resp:	940703
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.8	134.6
152	52.9	43.4	65.0

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#52

3-Nitroaniline

Concen: 50.68 ng

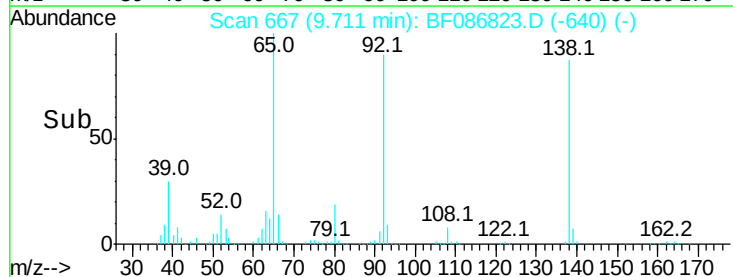
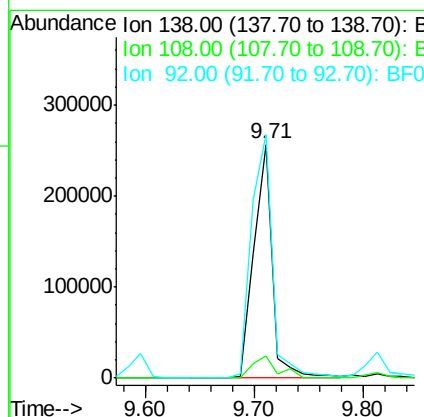
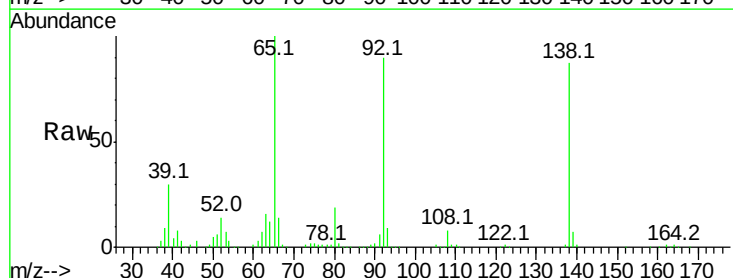
RT: 9.71 min Scan# 667

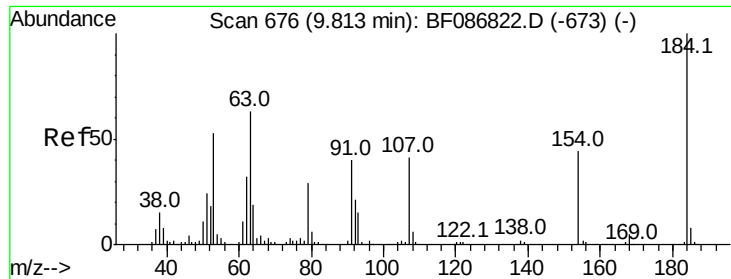
Delta R.T. 0.01 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Tgt Ion:	138	Resp:	305474
Ion Ratio	Lower	Upper	
138	100		
108	9.4	7.8	11.6
92	104.3	87.8	131.8





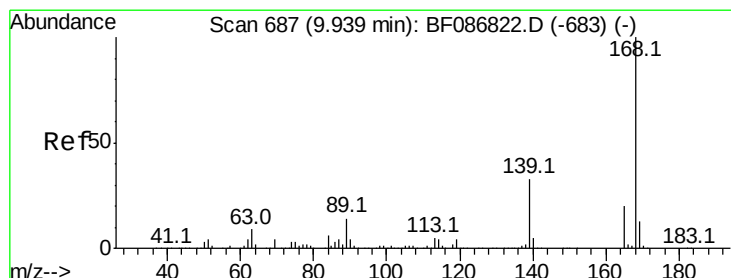
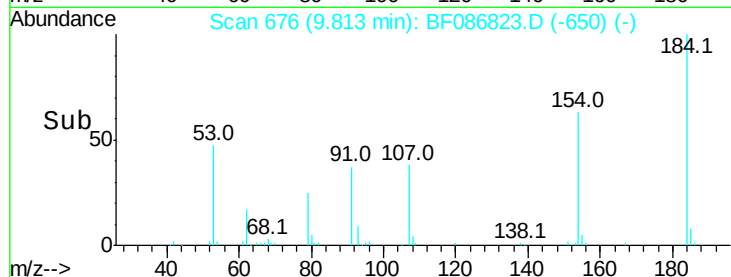
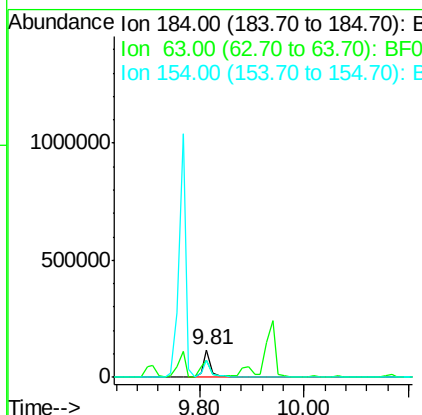
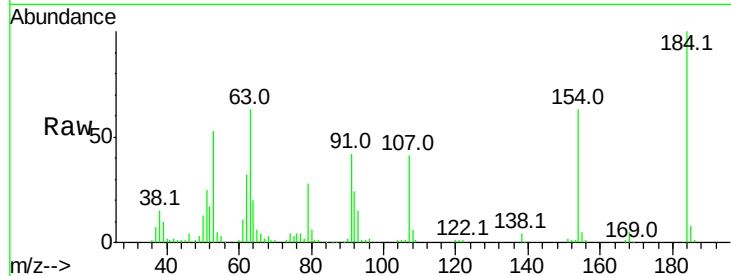
#53
 2,4-Dinitrophenol
 Concen: 56.41 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	133733		
63	62.8	55.8	83.8	
154	63.1	62.4	93.6	

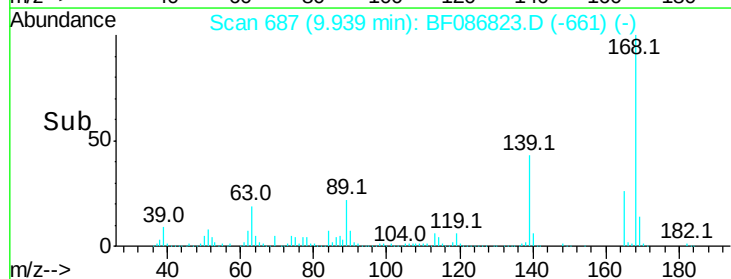
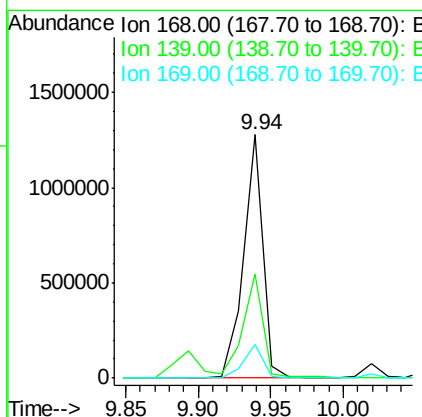
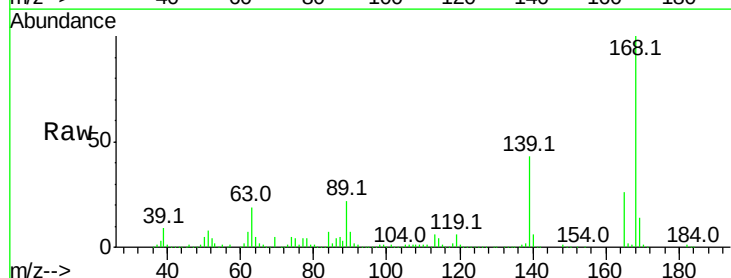
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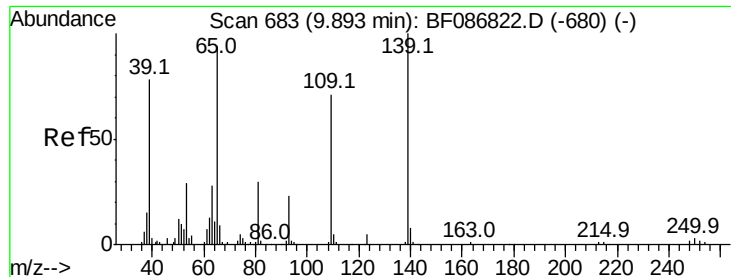
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#54
 Dibenzofuran
 Concen: 43.44 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1180554		
139	43.0	31.4	47.0	
169	13.9	10.7	16.1	





#55

4-Nitrophenol

Concen: 46.05 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

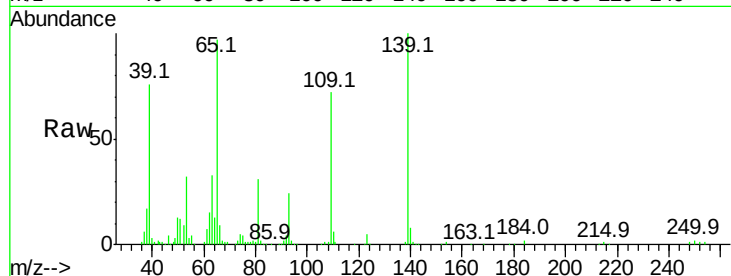
ClientSampleId :

SSTDIC050

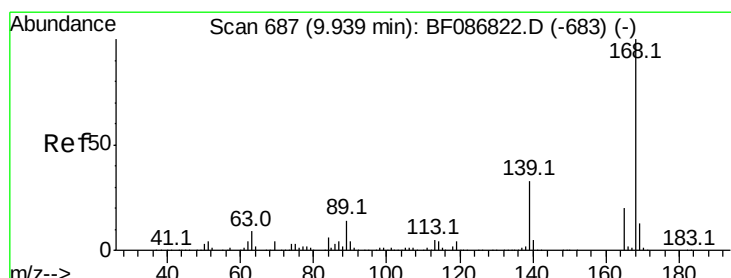
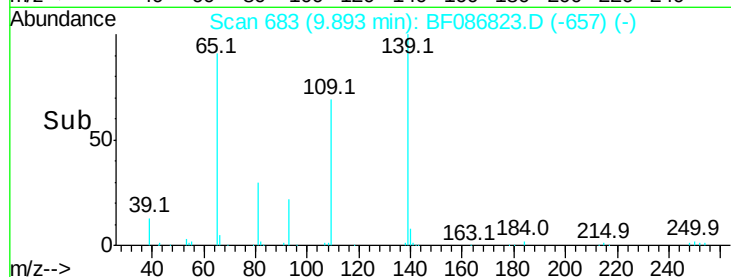
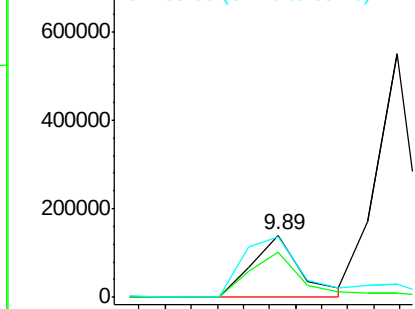
Tot Ion:	139	Resp:	181753
Ion Ratio	Lower	Upper	
139	100		
109	71.9	36.9	76.9
65	96.5	64.0	104.0

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



#56

2,4-Dinitrotoluene

Concen: 49.61 ng

RT: 9.94 min Scan# 687

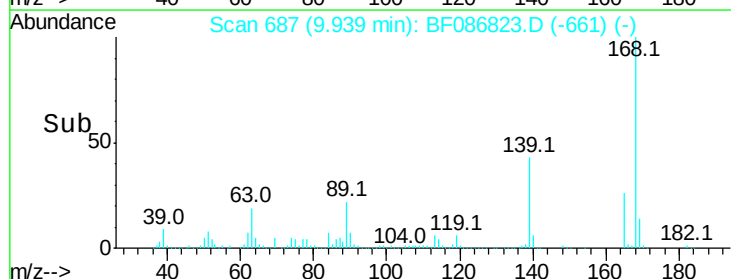
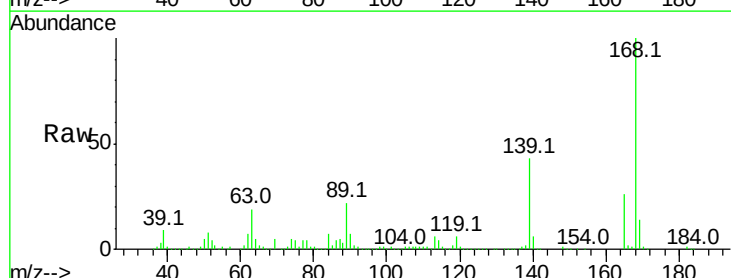
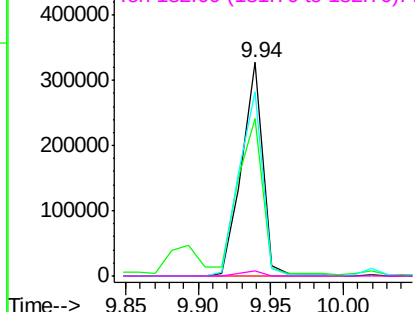
Delta R.T. 0.00 min

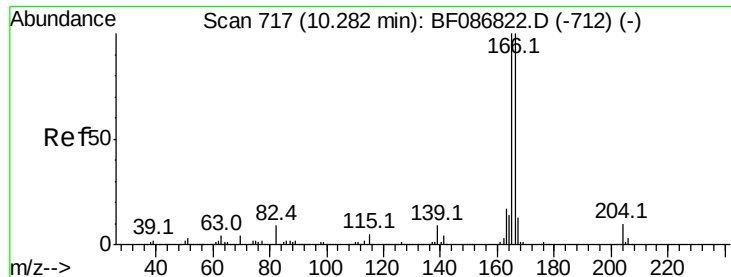
Lab File: BF086823.D

Acq: 9 May 2016 14:09

Tgt Ion:	165	Resp:	335168
Ion Ratio	Lower	Upper	
165	100		
63	74.0	44.3	66.5#
89	86.2	70.0	105.0
182	2.4	1.8	2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





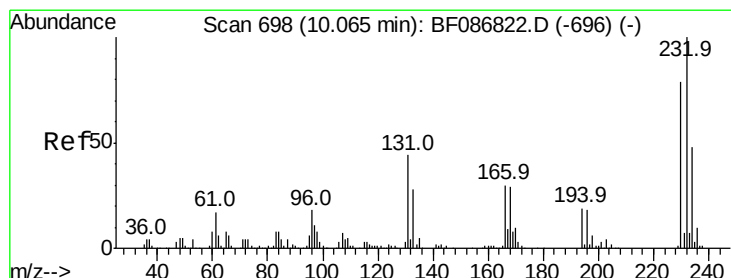
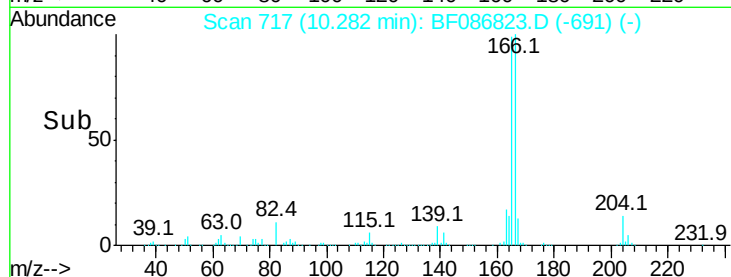
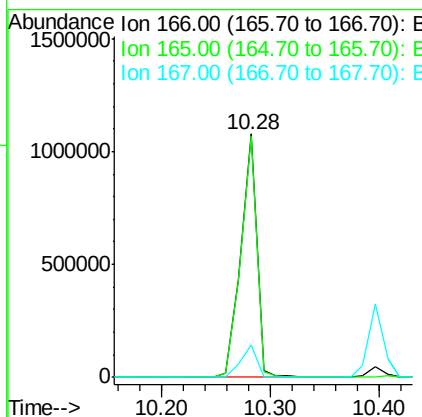
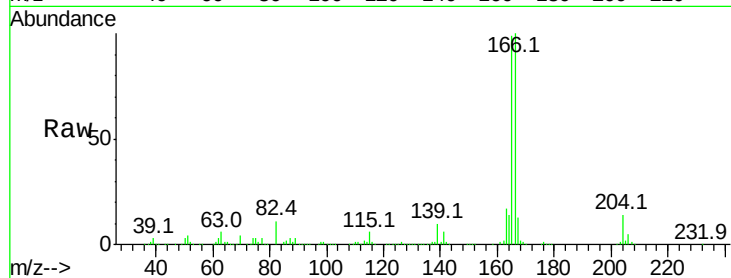
#57
 Fluorene
 Concen: 45.83 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.0	118.6
167	13.2	10.6	15.8

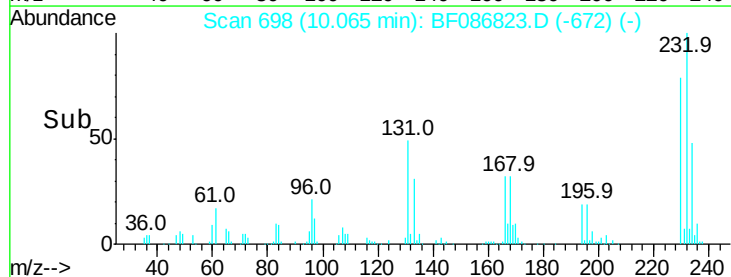
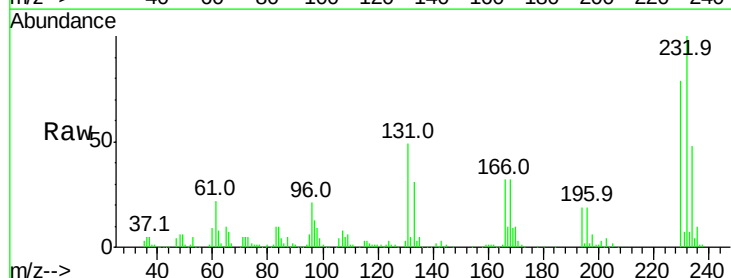
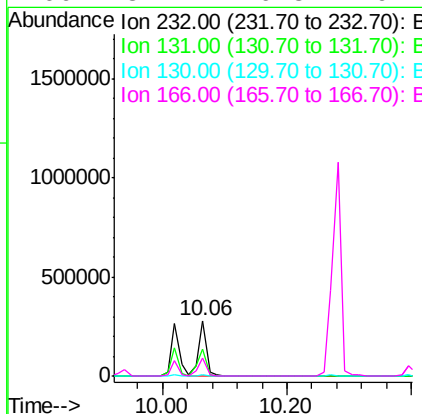
Manual Integrations
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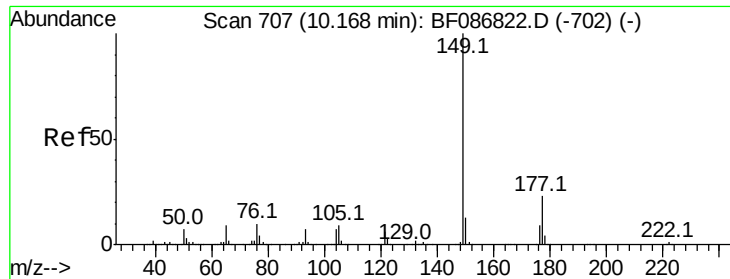
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.53 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.0	41.9	62.9
130	2.8	2.2	3.4
166	32.7	26.8	40.2





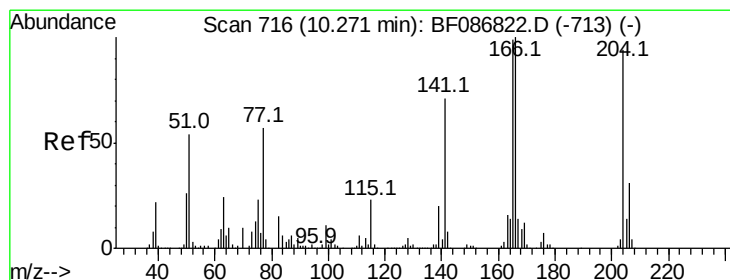
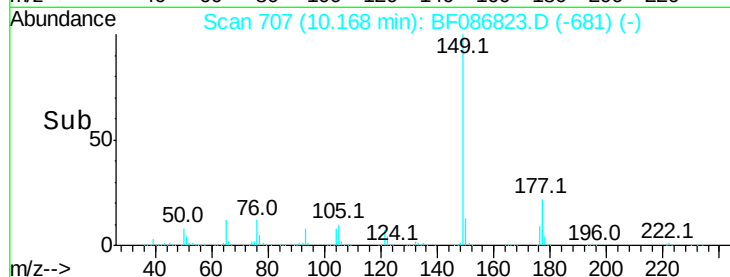
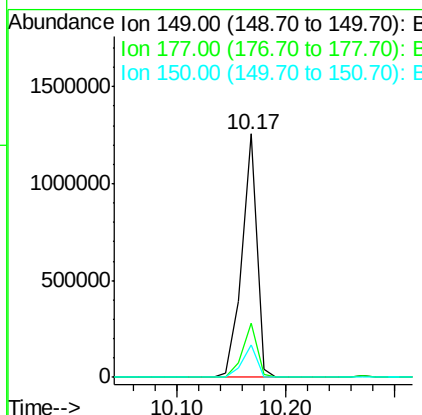
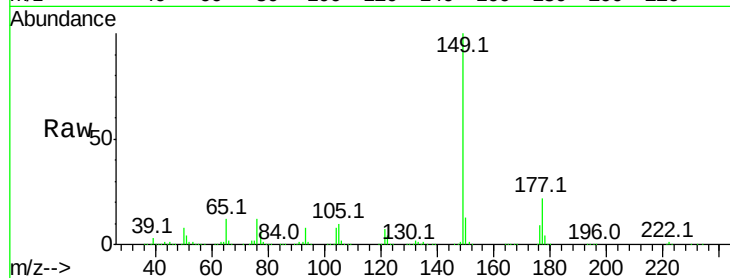
#59
Diethylphthalate
Concen: 48.76 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:149 Resp: 1184213
Ion Ratio Lower Upper
149 100
177 22.4 16.6 24.8
150 13.1 10.0 15.0

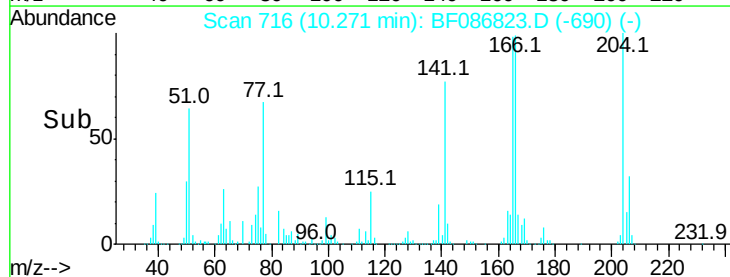
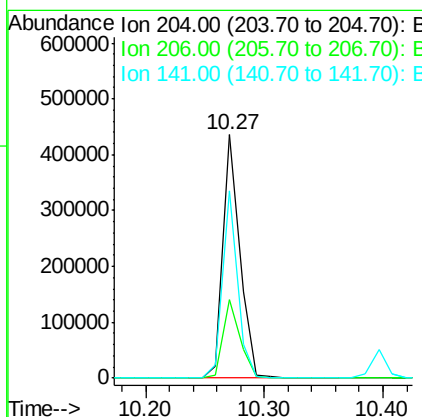
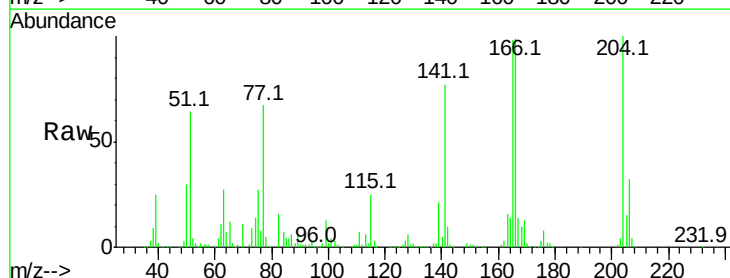
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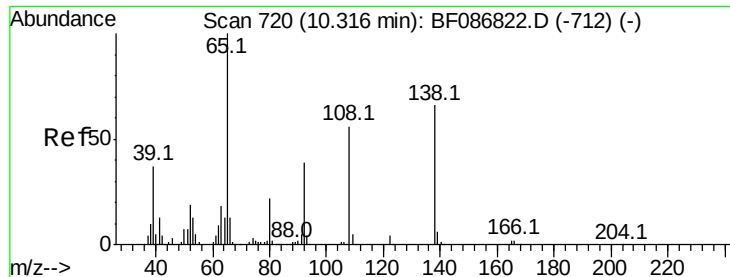
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#60
4-Chlorophenyl-phenylether
Concen: 39.91 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Tgt Ion:204 Resp: 427538
Ion Ratio Lower Upper
204 100
206 32.1 25.4 38.0
141 77.2 61.6 92.4





#61

4-Nitroaniline

Concen: 51.10 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

ClientSampled :

SSTDICC050

Tot Ion:138 Resp: 301076

Ion Ratio Lower Upper

138 100

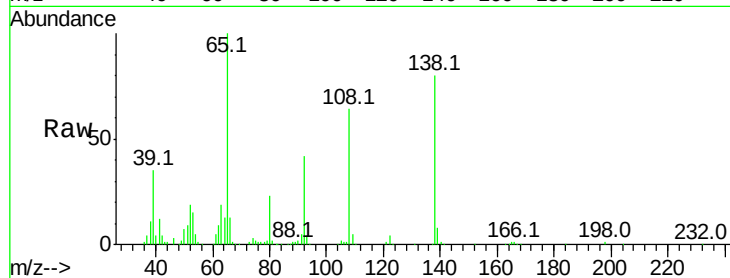
92 53.1 24.7 64.7

108 80.0 37.4 77.4#

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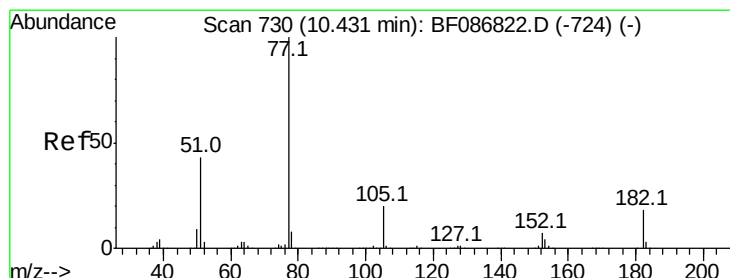
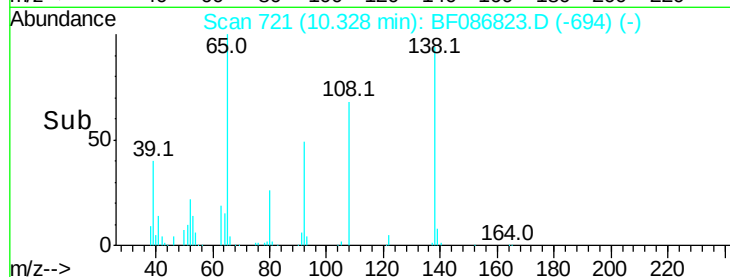
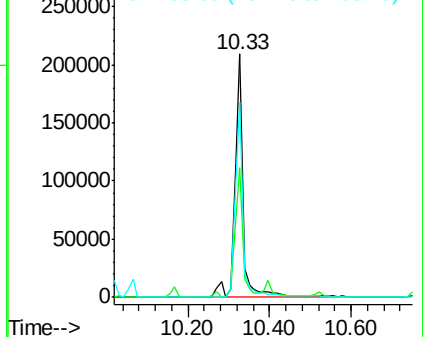
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.19 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Tgt Ion: 77 Resp: 1202200

Ion Ratio Lower Upper

77 100

182 17.2 0.0 38.8

105 20.1 3.2 43.2

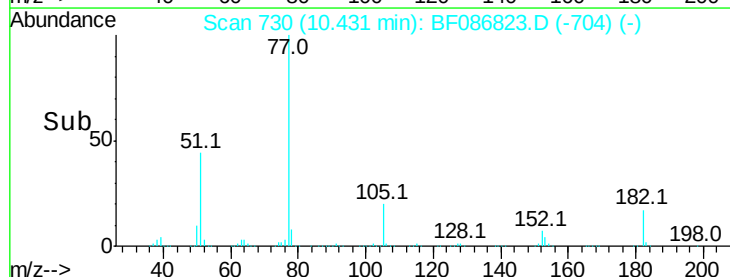
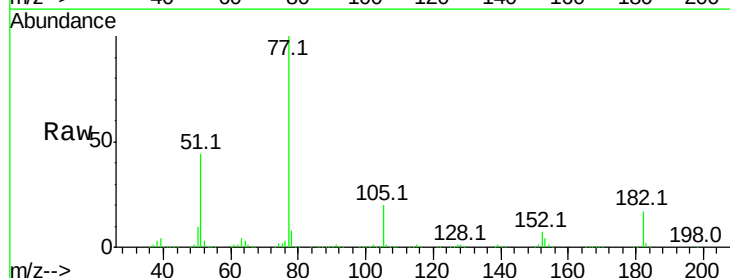
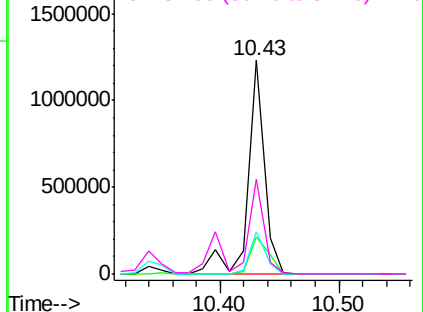
51 44.3 8.8 48.8

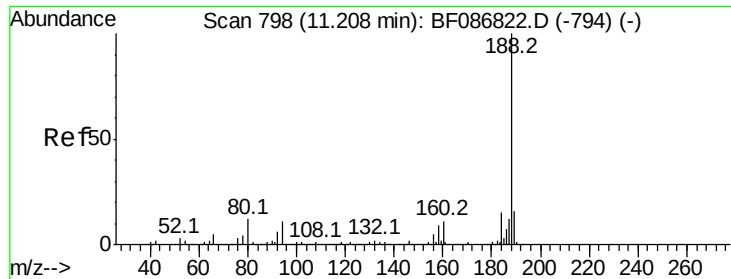
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





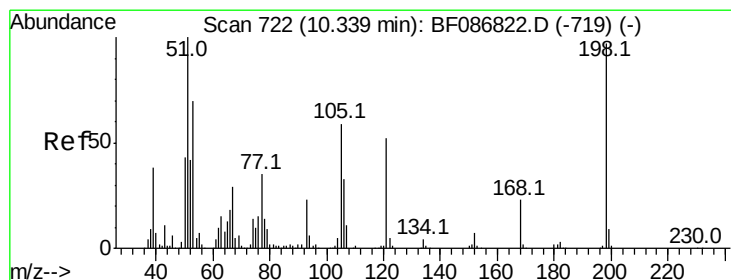
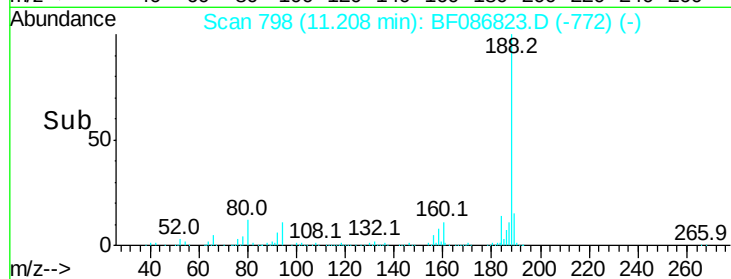
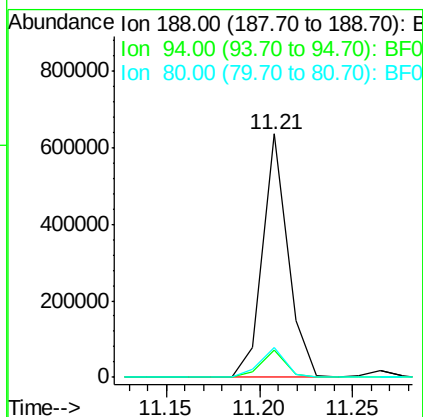
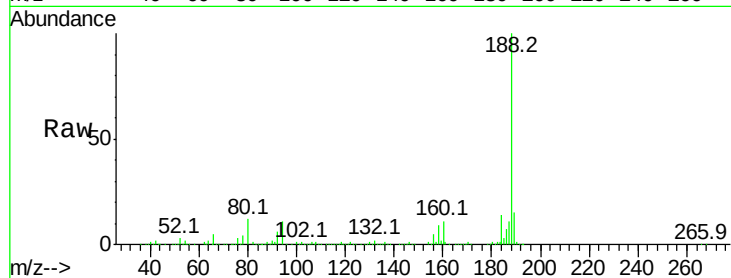
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.3	6.8	10.2#
80	12.4	7.1	10.7#

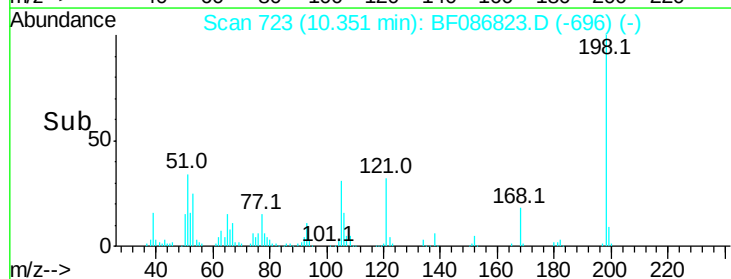
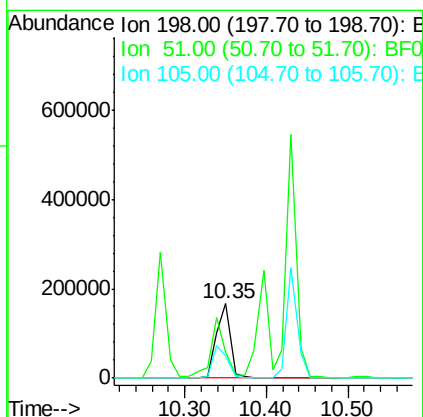
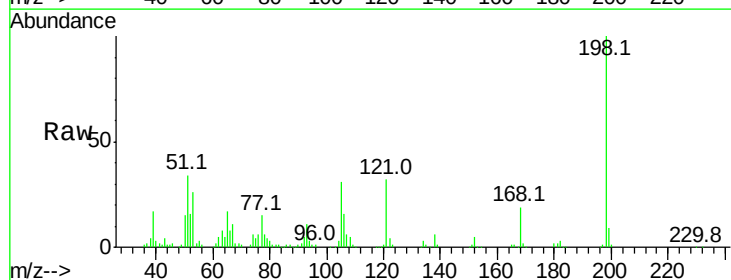
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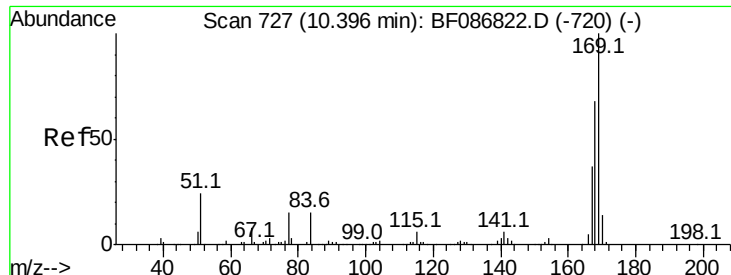
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#64
4,6-Dinitro-2-methylphenol
Concen: 56.68 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	34.5	20.5	60.5
105	30.6	24.5	64.5





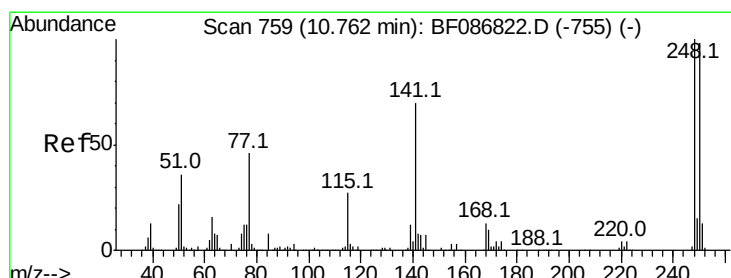
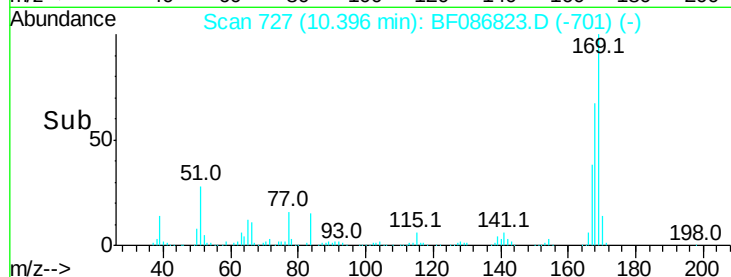
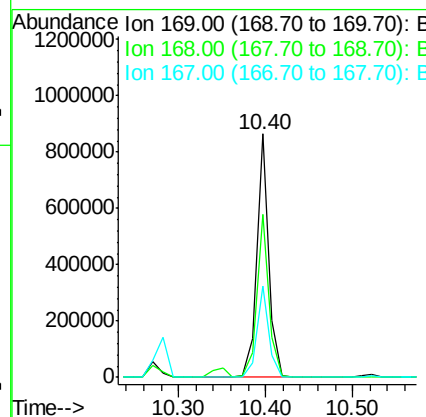
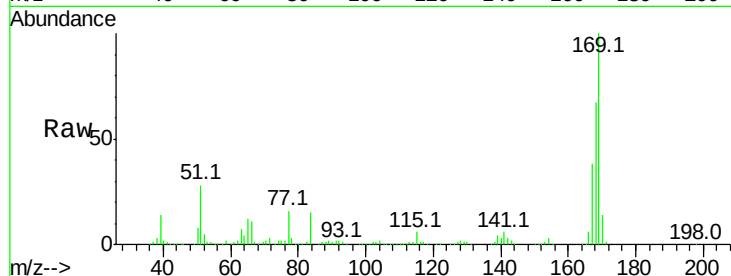
#65
 n-Nitrosodiphenylamine
 Concen: 45.22 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
169	100	843291		
168	67.1	53.8	80.6	
167	37.5	29.5	44.3	

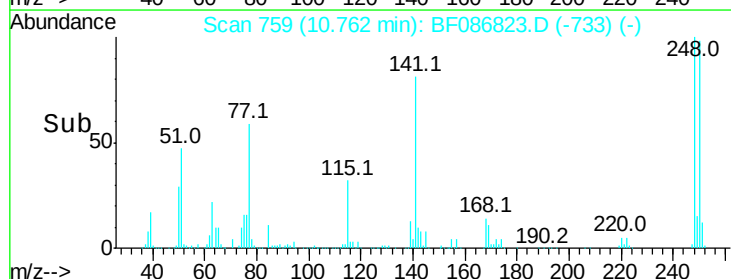
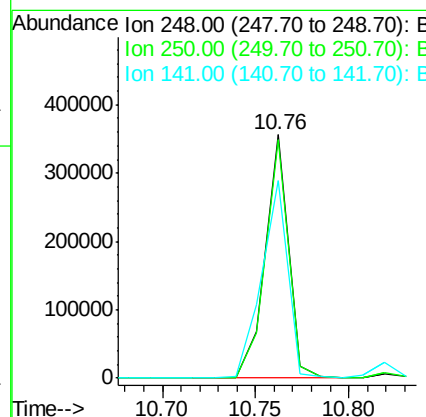
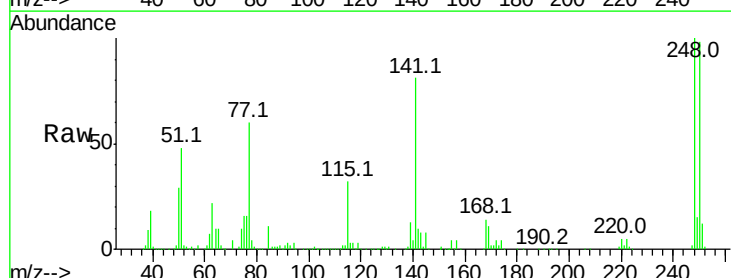
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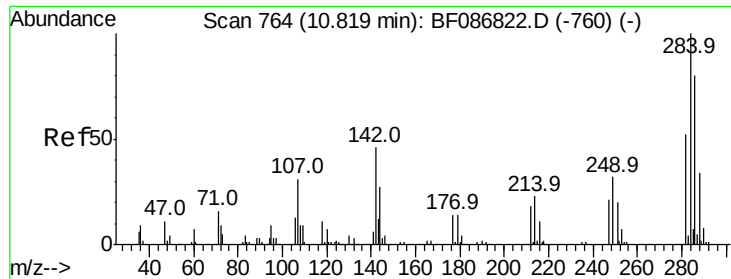
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#66
 4-Bromophenyl-phenylether
 Concen: 49.84 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	306422		
250	97.9	78.6	117.8	
141	81.0	76.0	114.0	





#67

Hexachlorobenzene

Concen: 45.00 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

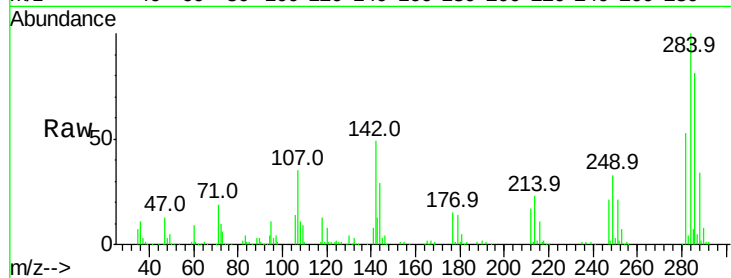
ClientSampleId :

SSTDIC050

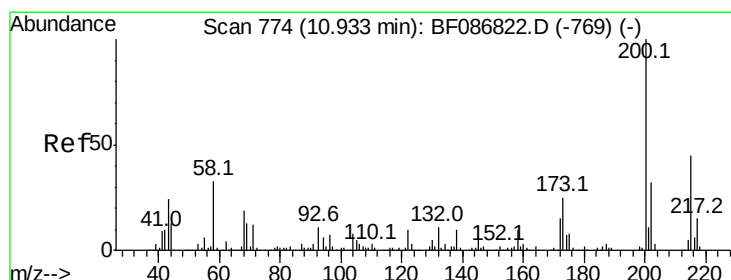
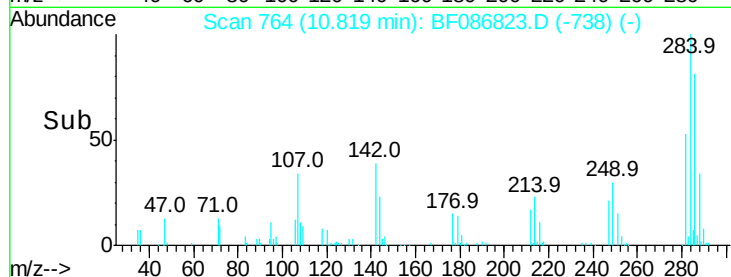
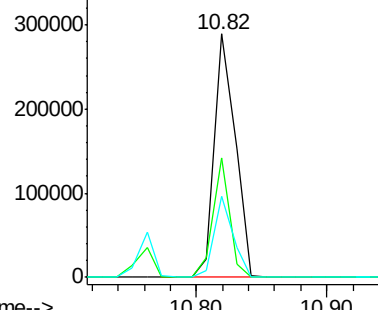
Tot Ion:	284	Resp:	320212
Ion Ratio		Lower	Upper
284	100		
142	49.0	16.7	25.1#
249	33.1	21.3	31.9#

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



#68

Atrazine

Concen: 54.81 ng

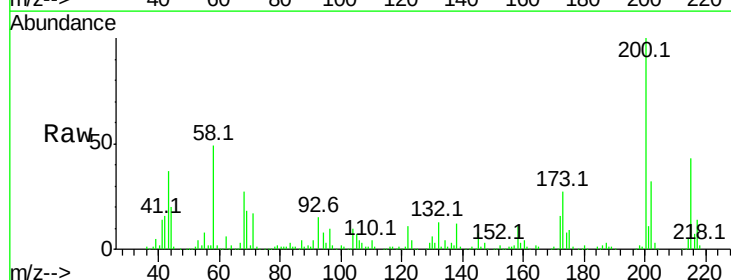
RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

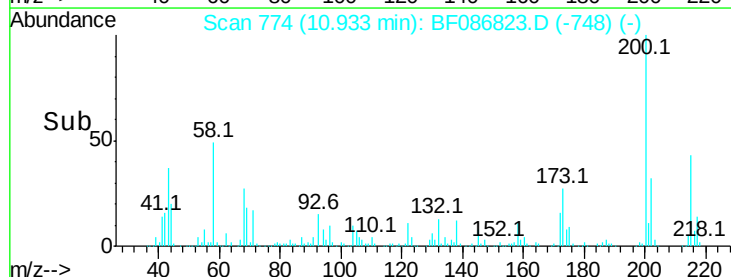
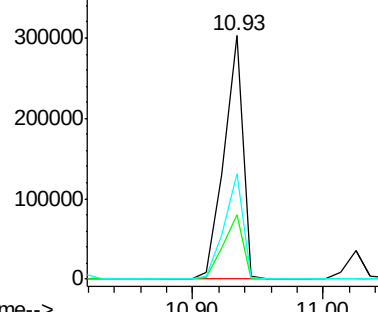
Lab File: BF086823.D

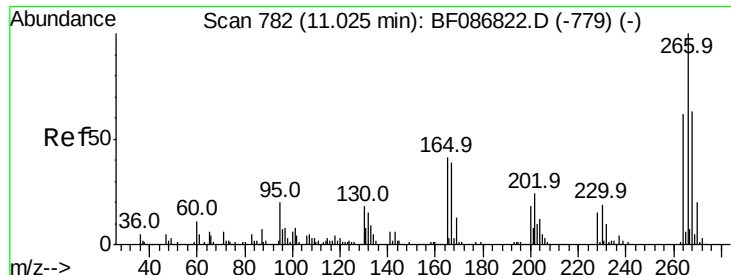
Acq: 9 May 2016 14:09

Tgt Ion:	200	Resp:	306926
Ion Ratio		Lower	Upper
200	100		
173	26.7	8.5	48.5
215	43.4	27.2	67.2



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





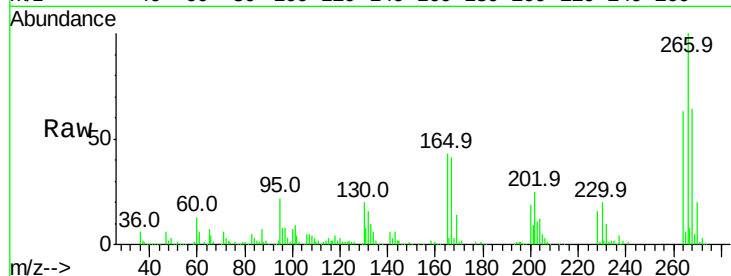
#69
 Pentachlorophenol
 Concen: 47.56 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

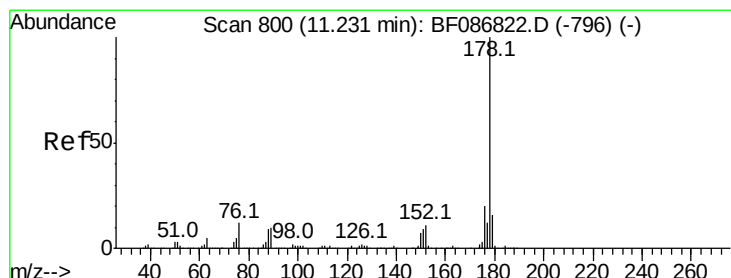
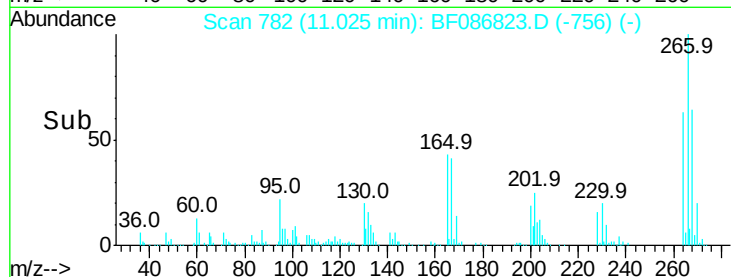
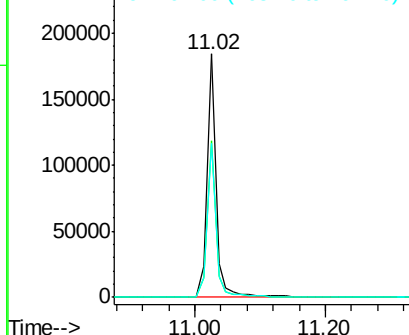
Tot Ion	Ratio	Resp	Lower	Upper
266	100	178433		
268	64.4	51.5	77.3	
264	63.2	52.9	79.3	

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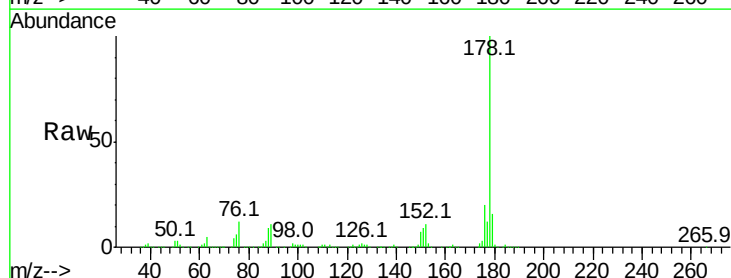


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

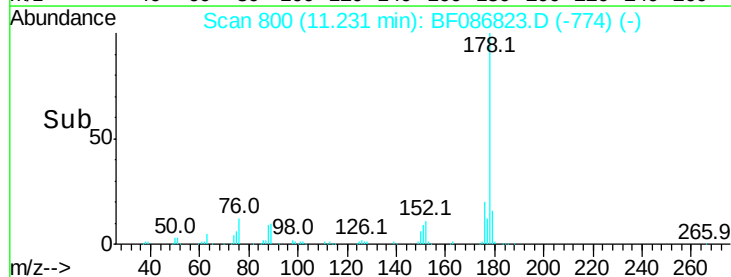
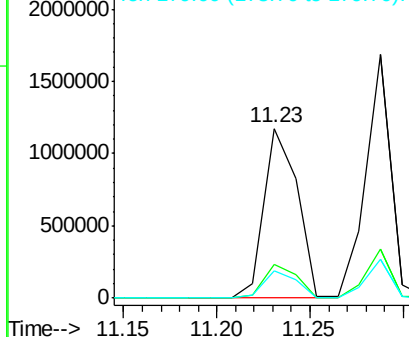


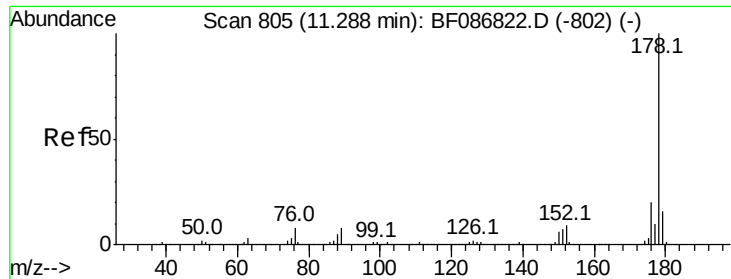
#70
 Phenanthrene
 Concen: 46.60 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1459184		
176	20.1	16.0	24.0	
179	16.0	12.6	18.8	



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





#71
 Anthracene
 Concen: 46.94 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

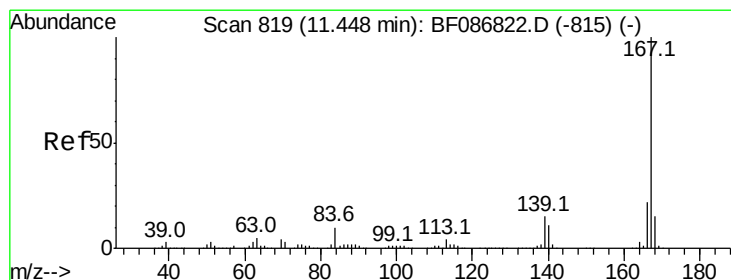
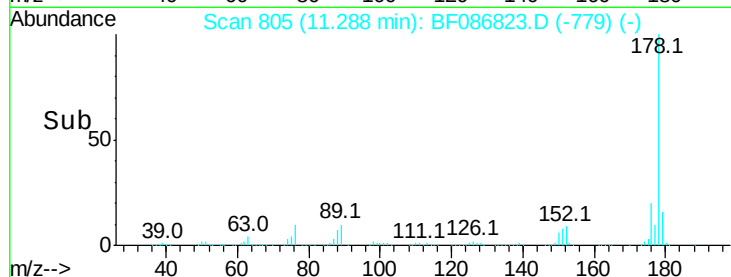
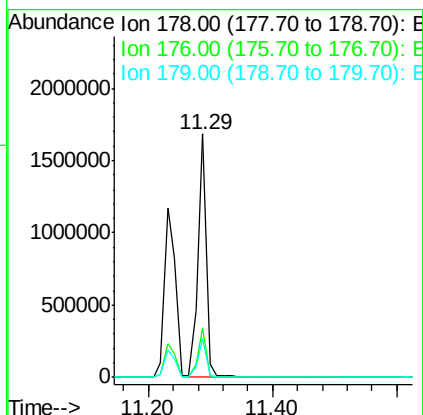
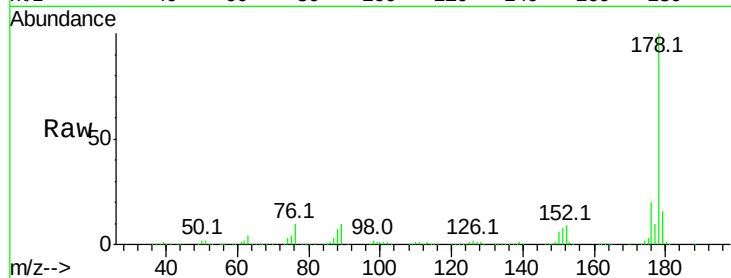
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:178 Resp: 1568400

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	16.2	12.7	19.1

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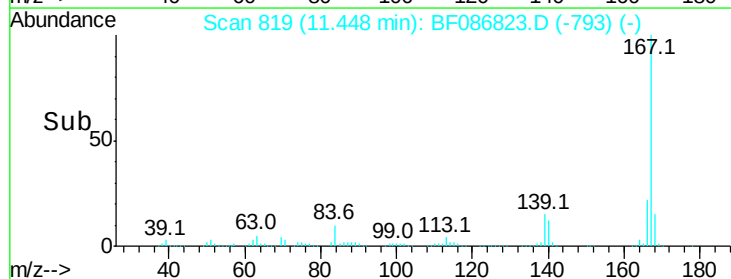
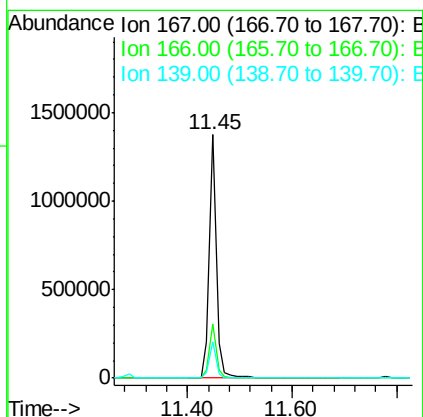
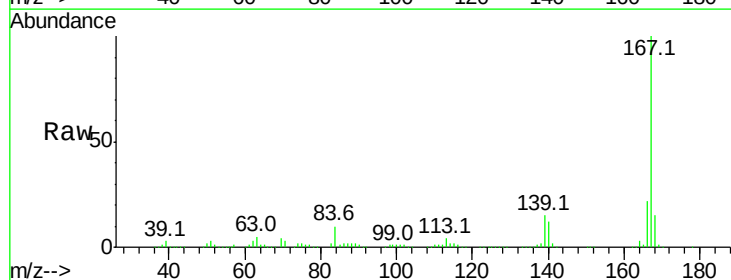
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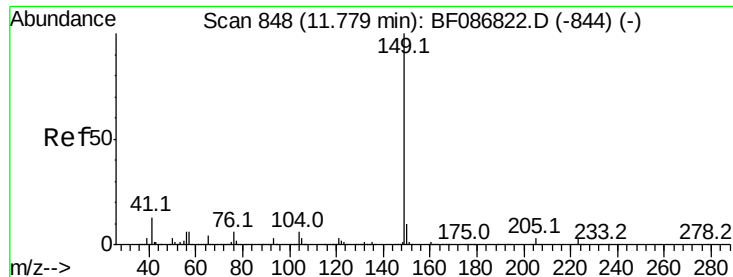


#72
 Carbazole
 Concen: 43.84 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Tgt Ion:167 Resp: 1298303

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.7	26.5
139	15.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 47.61 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1597444

Ion Ratio Lower Upper

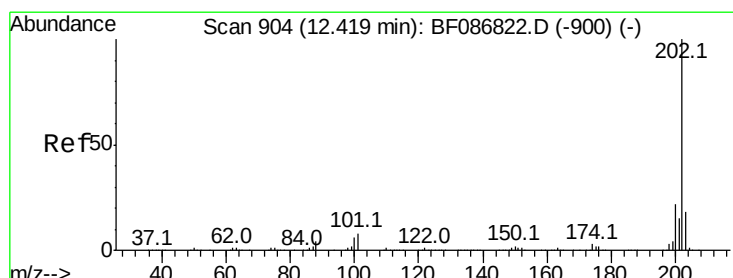
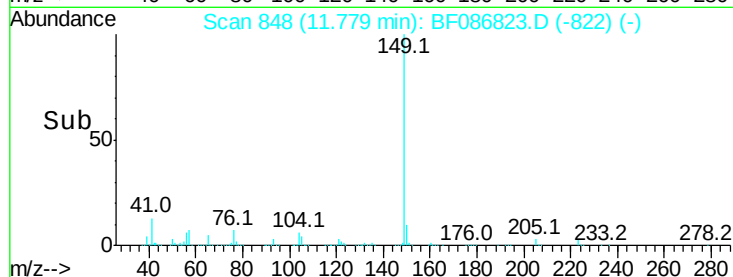
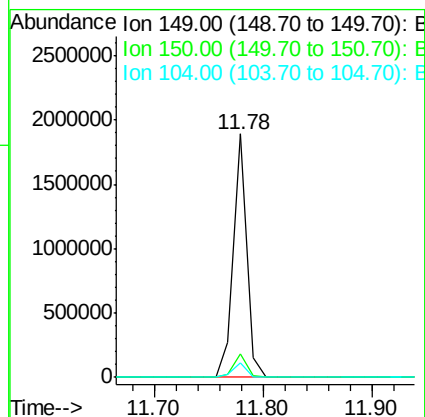
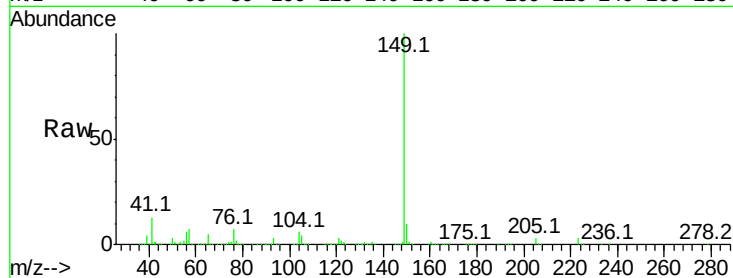
149 100

150 9.7 7.6 11.4

104 6.2 3.8 5.6#

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#74

Fluoranthene

Concen: 52.08 ng

RT: 12.42 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

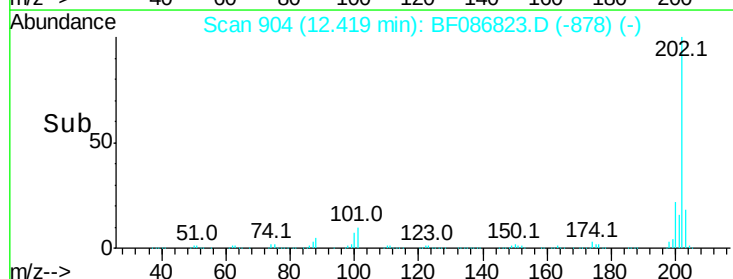
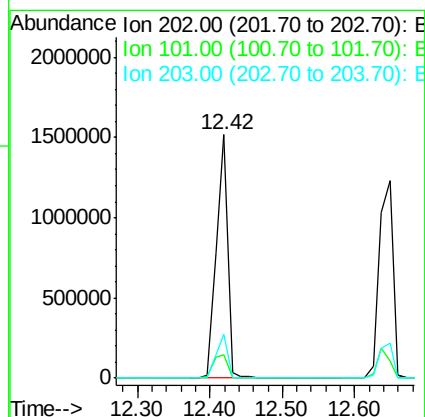
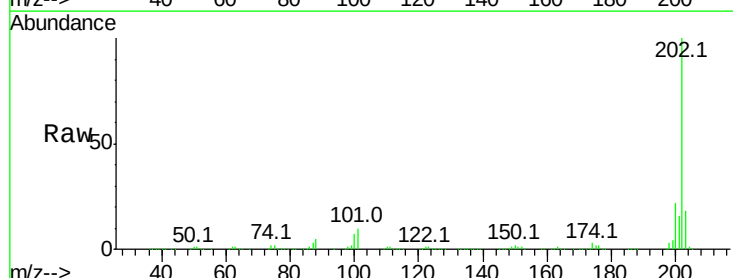
Tgt Ion:202 Resp: 1646114

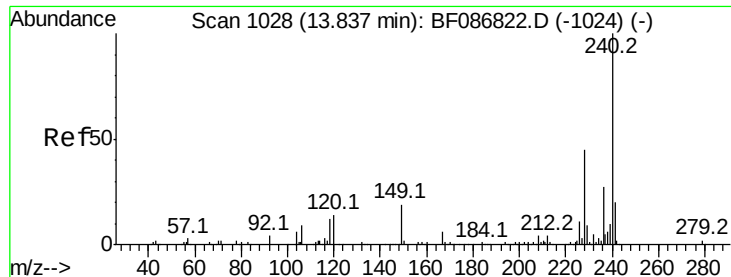
Ion Ratio Lower Upper

202 100

101 9.8 0.0 35.4

203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

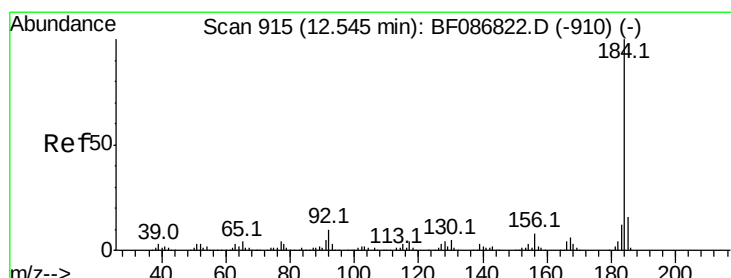
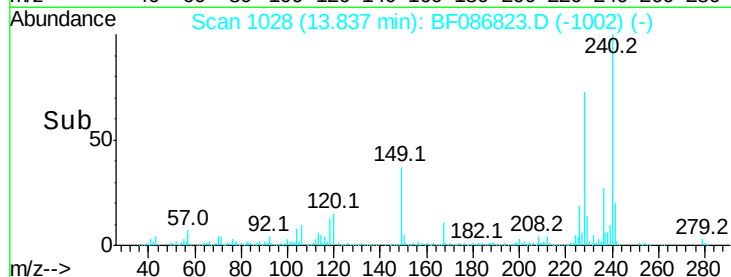
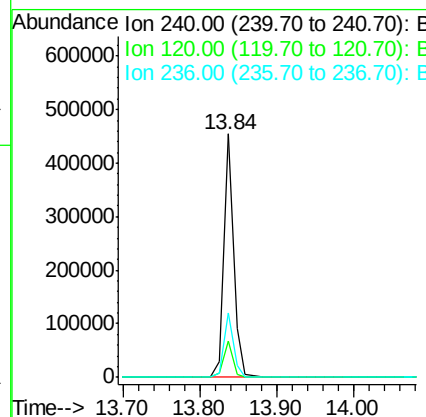
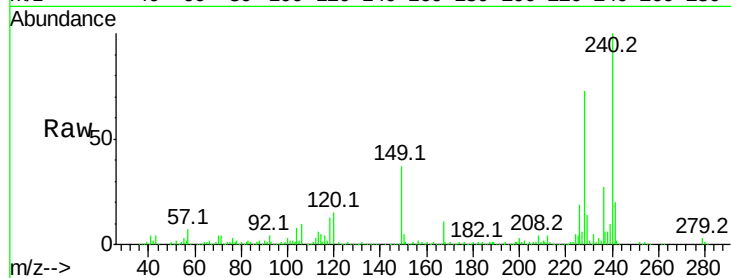
ClientSampleId :

SSTDICC050

Tot Ion:	240	Resp:	404764
Ion Ratio		Lower	Upper
240	100		
120	14.6	11.2	16.8
236	26.6	21.2	31.8

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#76

Benzidine

Concen: 39.30 ng

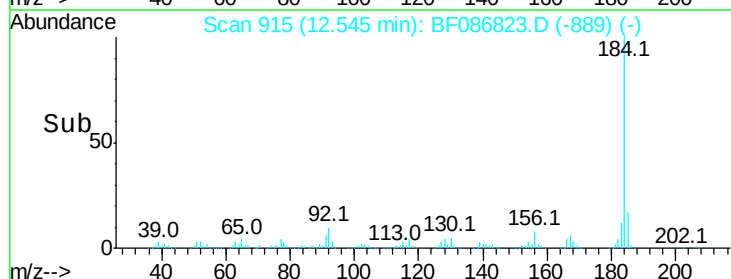
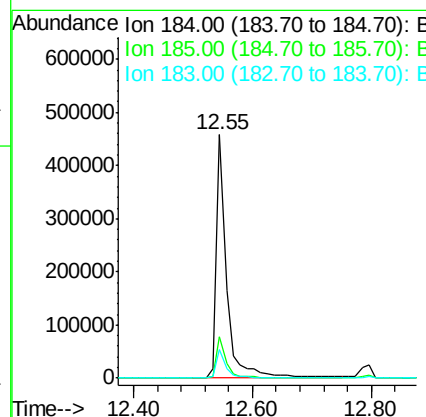
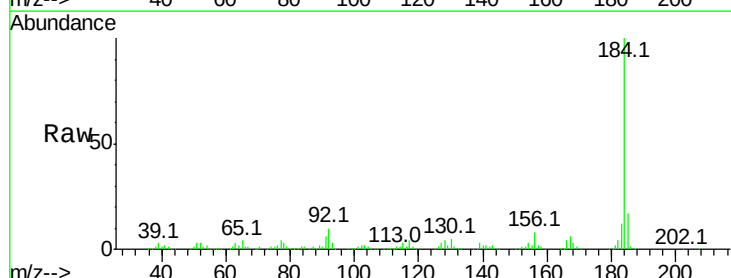
RT: 12.55 min Scan# 915

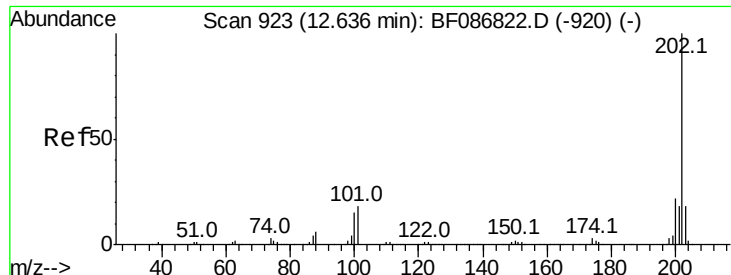
Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Tgt Ion:	184	Resp:	546715
Ion Ratio		Lower	Upper
184	100		
185	16.7	13.6	20.4
183	11.9	9.8	14.6





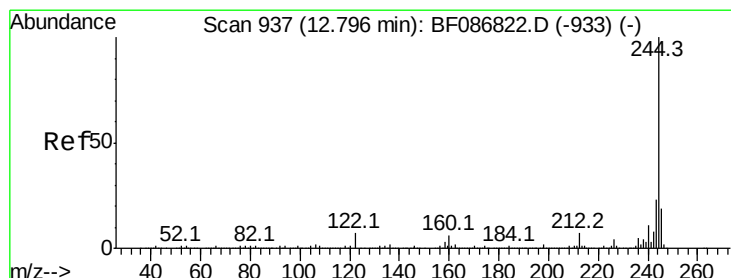
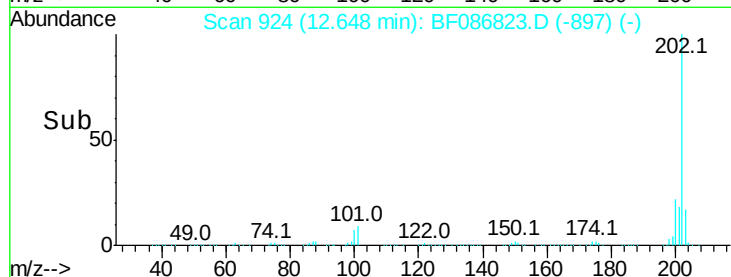
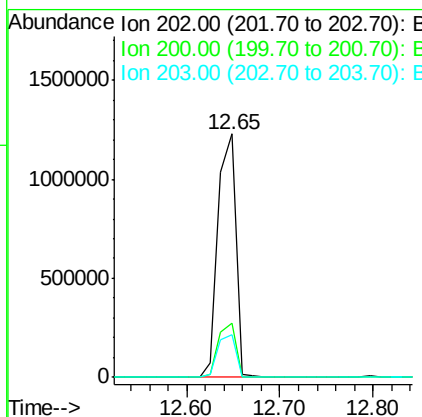
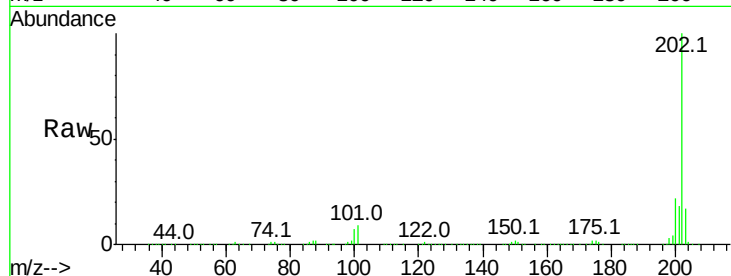
#77
 Pvrene
 Concen: 55.77 ng
 RT: 12.65 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.4	14.2	21.4

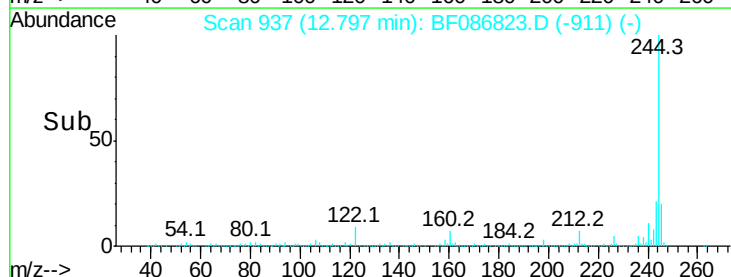
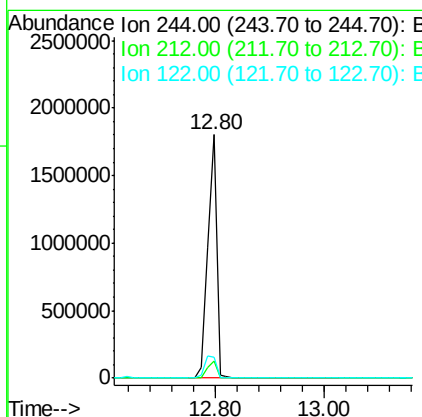
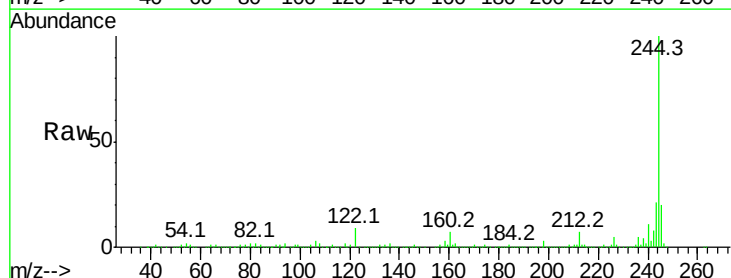
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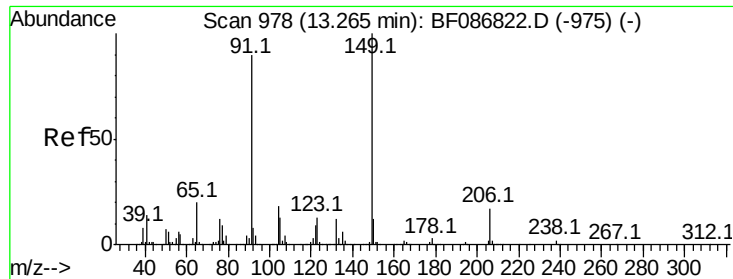
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#78
 Terphenyl-d14
 Concen: 108.75 ng
 RT: 12.80 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	8.8	12.0	18.0#





#79

Butylbenzylphthalate

Concen: 49.70 ng

RT: 13.27 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

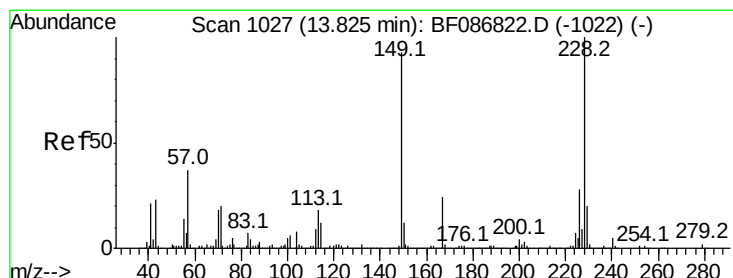
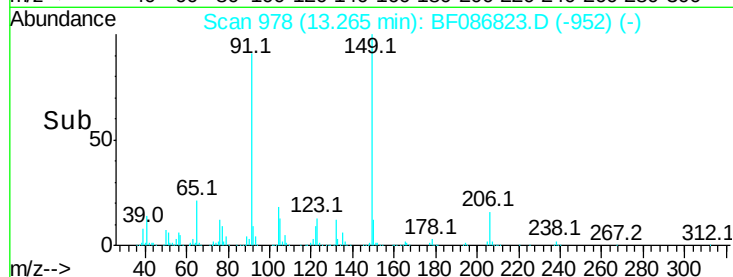
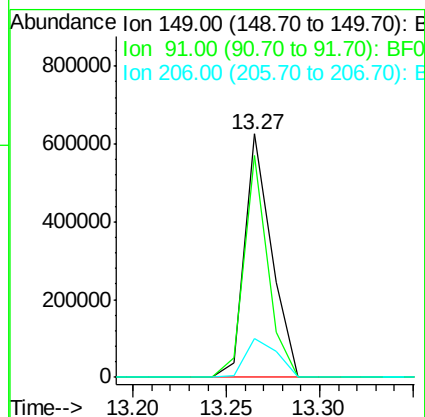
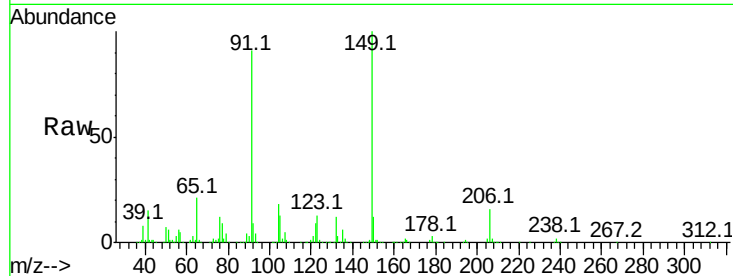
ClientSampleId :

SSTDIC050

Tot Ion:	149	Resp:	627814
Ion Ratio	Lower	Upper	
149	100		
91	90.9	48.0	72.0#
206	16.0	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 48.83 ng

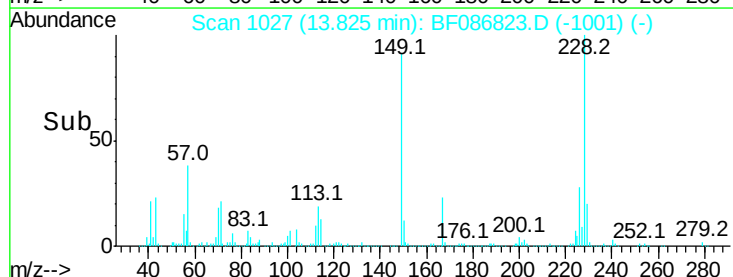
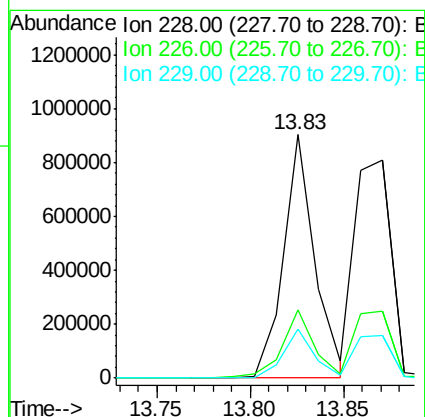
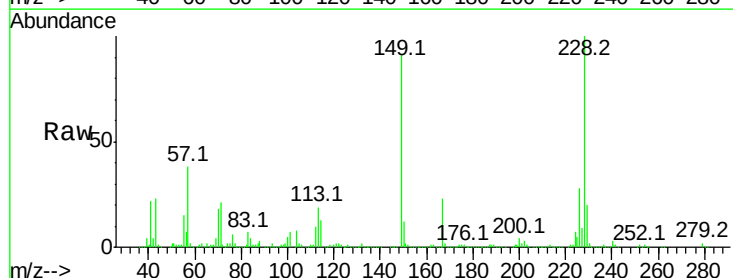
RT: 13.83 min Scan# 1027

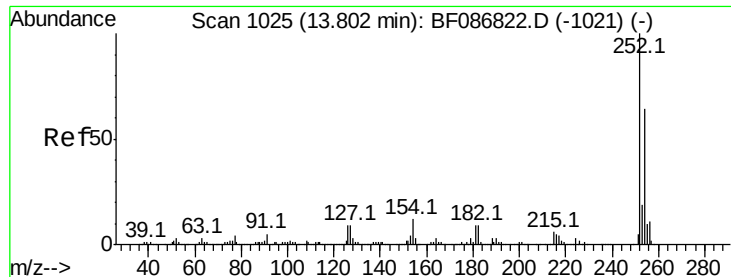
Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Tgt Ion:	228	Resp:	1053779
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.5	33.7
229	20.3	16.6	25.0





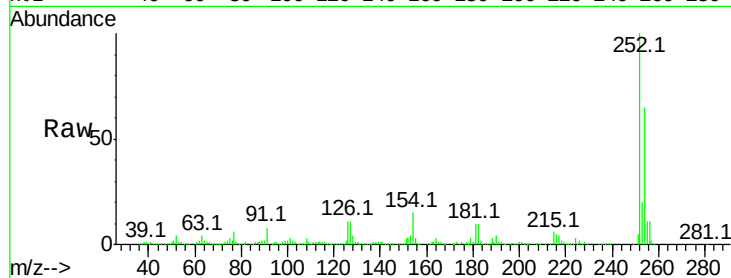
#81
 3,3'-Dichlorobenzidine
 Concen: 50.21 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

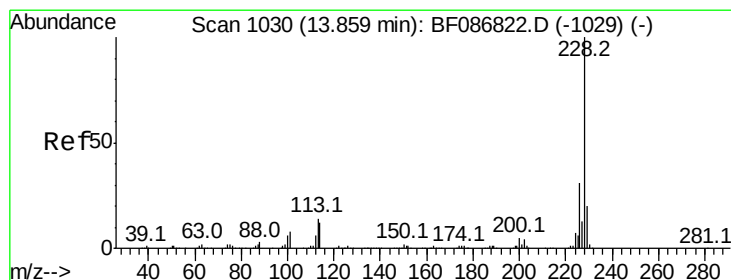
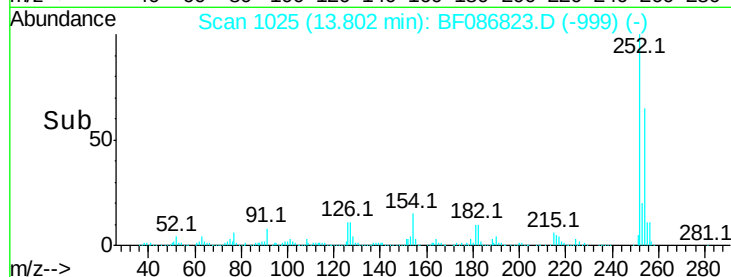
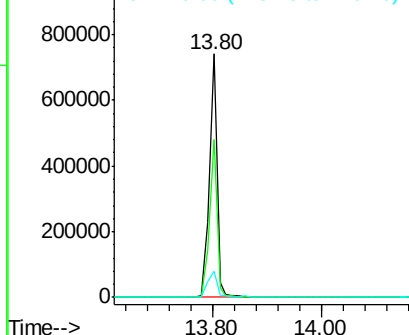
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.7	76.1
126	10.8	12.7	19.1

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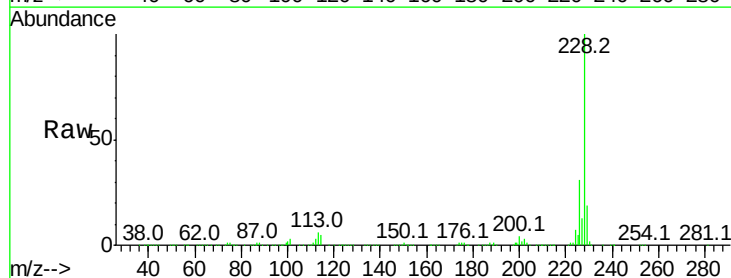


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

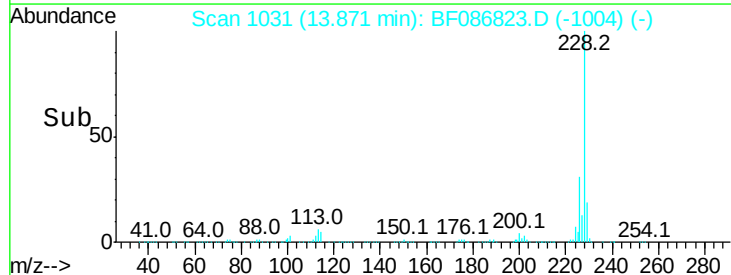
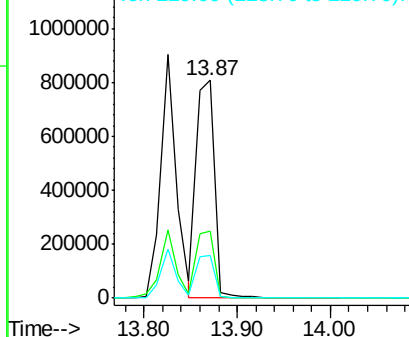


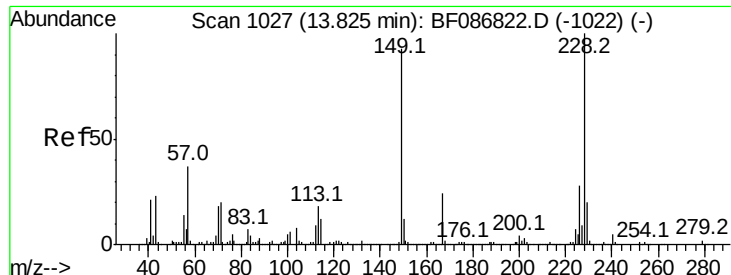
#82
 Chrysene
 Concen: 47.53 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	19.4	15.8	23.8



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





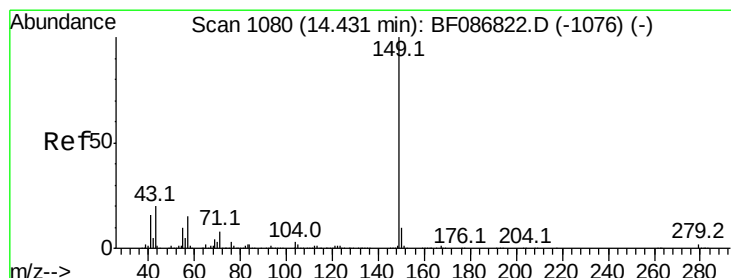
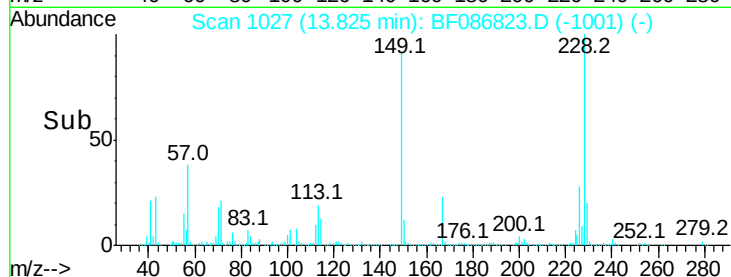
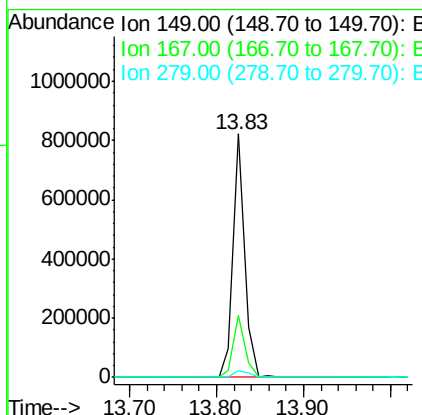
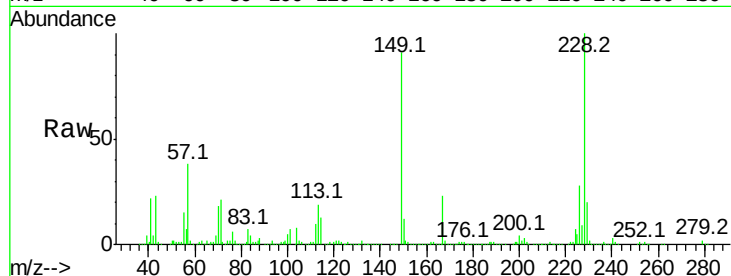
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.24 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.2	21.8	32.6	
279	2.6	2.6	4.0	

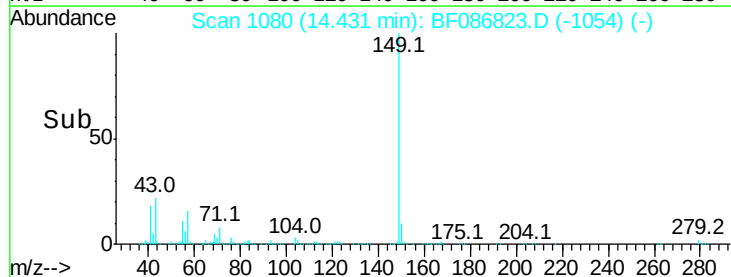
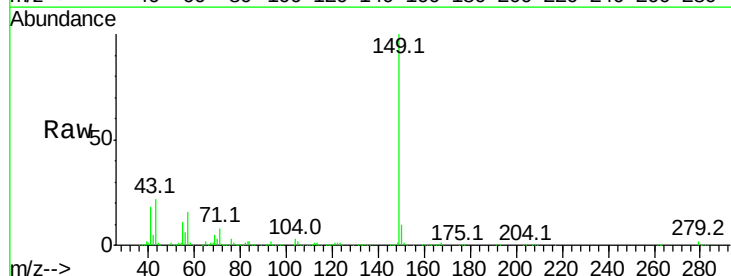
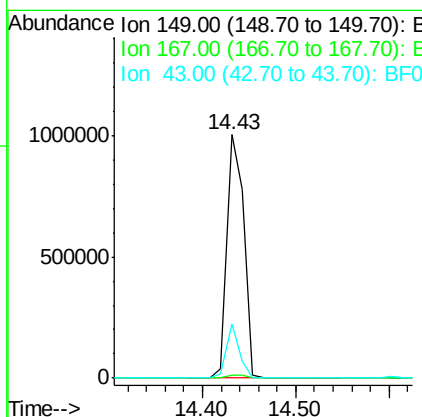
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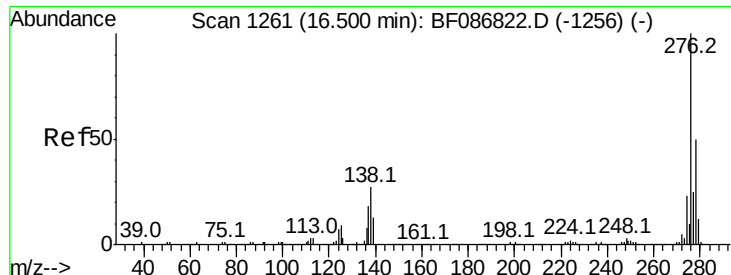
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#84
 Di-n-octyl phthalate
 Concen: 51.53 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	17.1	8.2	12.4	





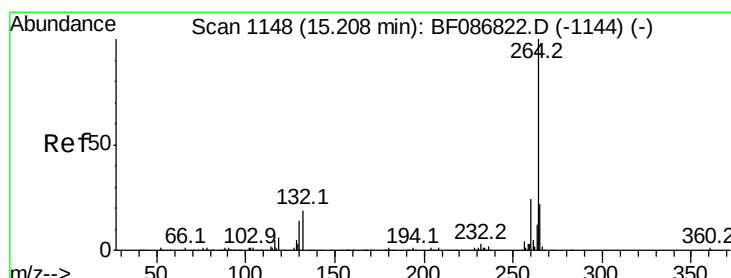
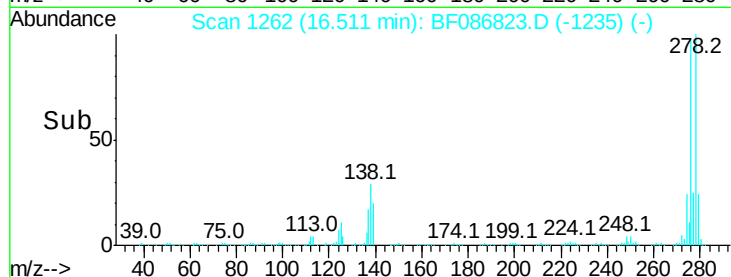
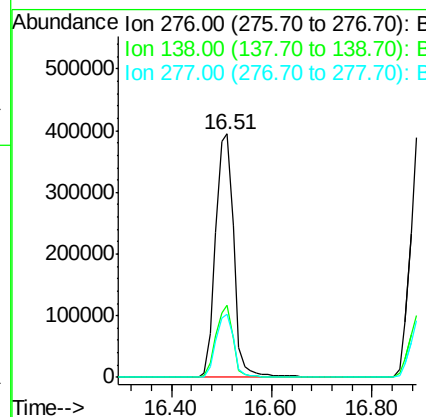
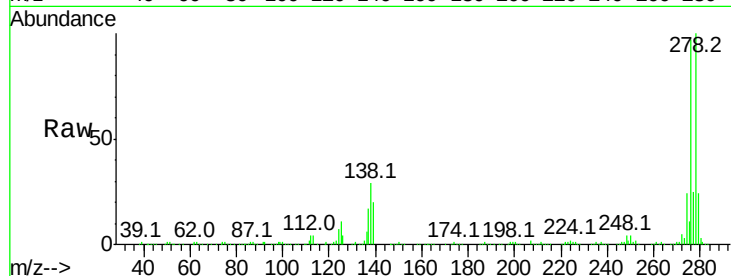
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.13 ng
 RT: 16.51 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
276	100	992986		
138	28.1		25.6	38.4
277	25.5		20.5	30.7

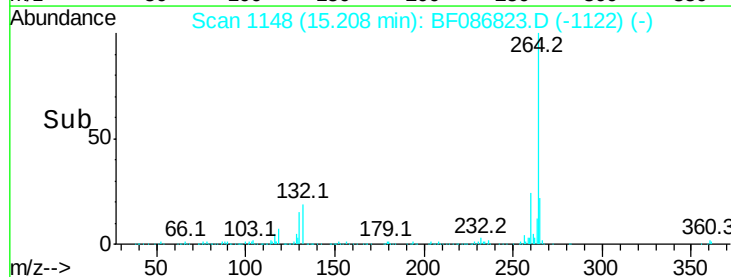
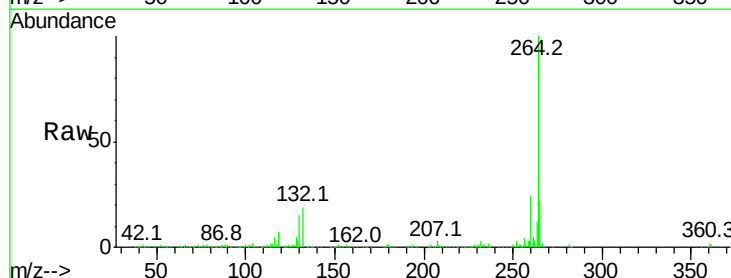
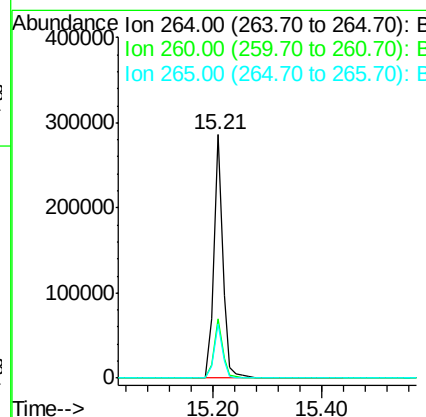
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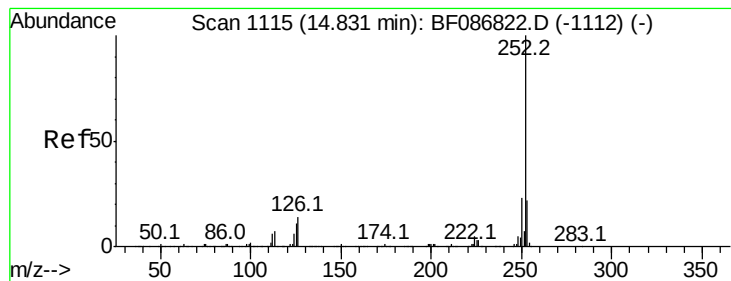
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF086823.D
 Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	330559		
260	24.4		19.5	29.3
265	22.1		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 48.27 ng m

RT: 14.83 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

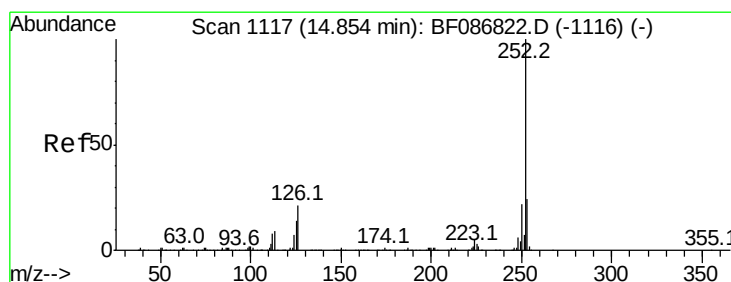
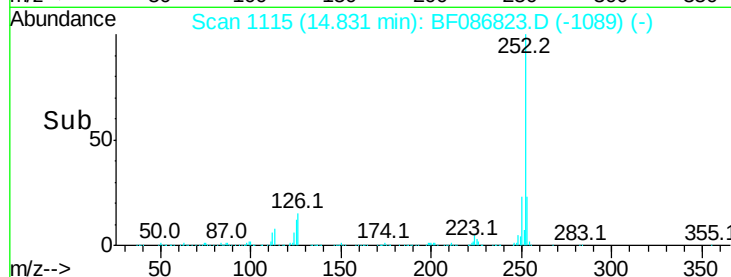
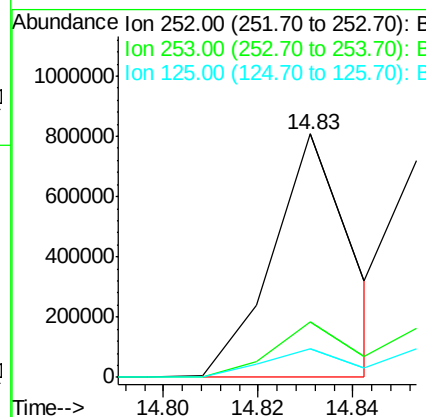
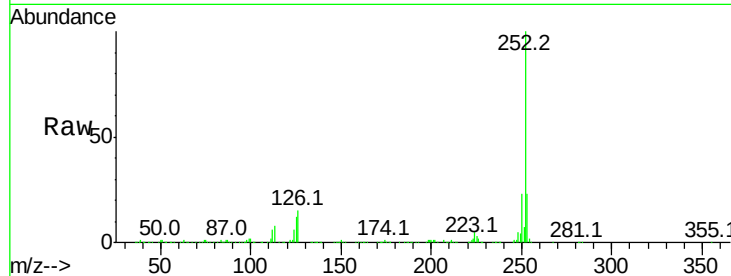
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
252	100	938624		
253	22.9	17.8	26.6	
125	11.6	11.4	17.0	

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#88

Benzo(k)fluoranthene

Concen: 44.74 ng m

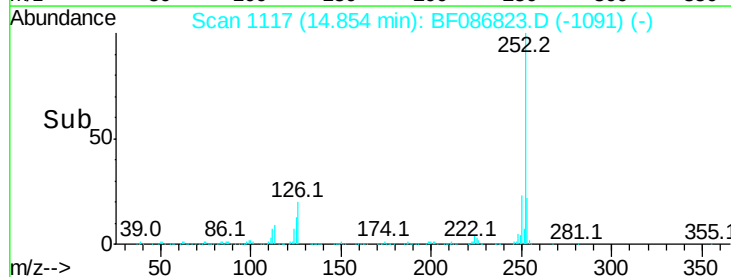
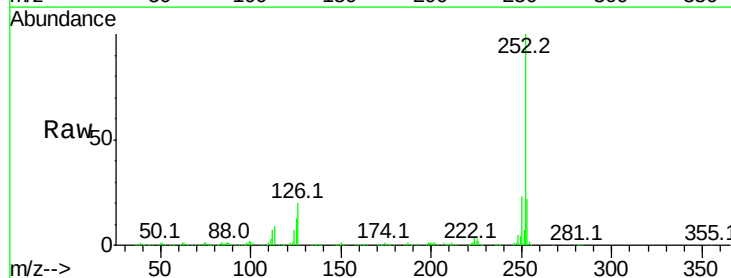
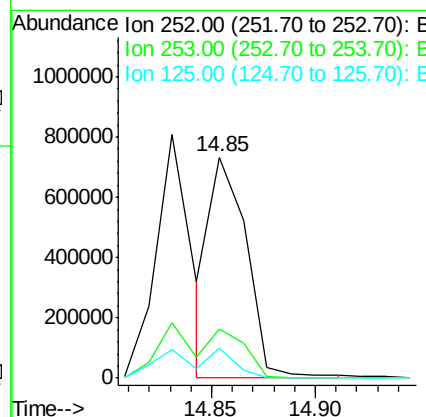
RT: 14.85 min Scan# 1117

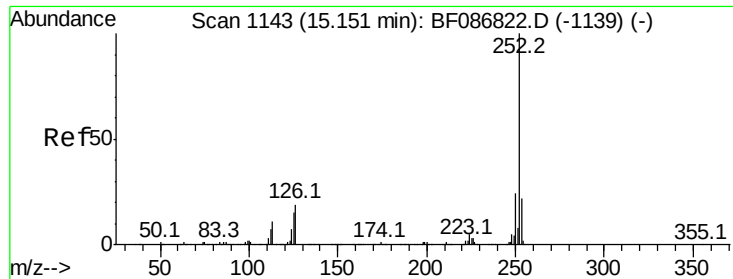
Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	907404		
253	22.5	17.8	26.6	
125	13.3	9.1	13.7	





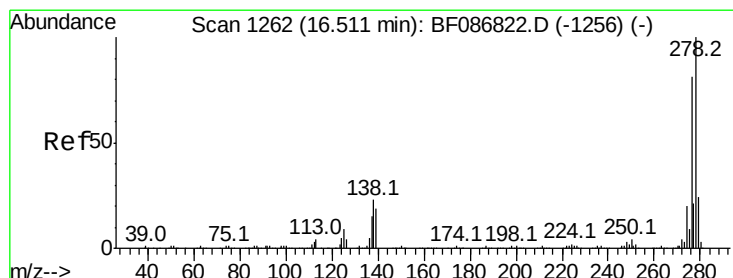
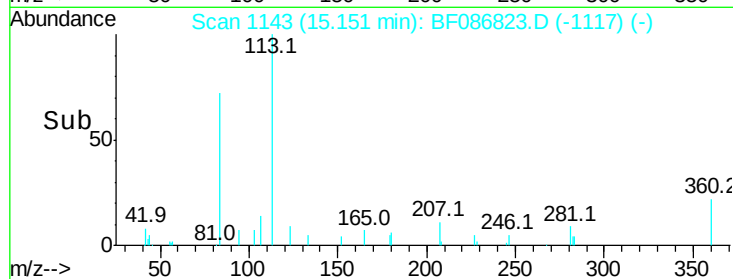
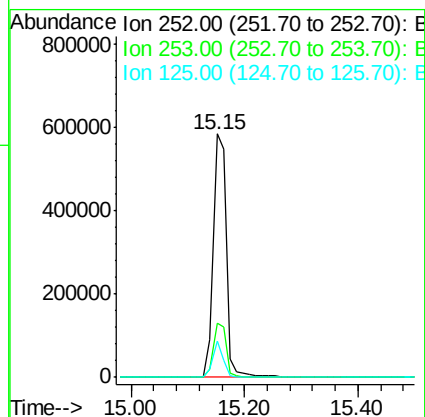
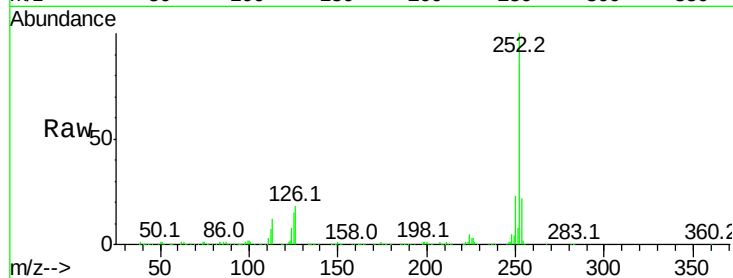
#89
Benzo(a)pyrene
Concen: 48.98 ng
RT: 15.15 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.2	25.8
125	14.7	9.0	13.6

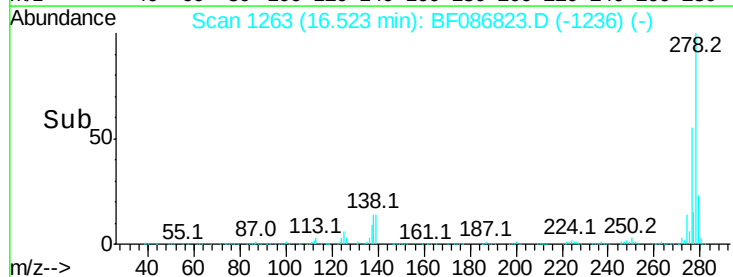
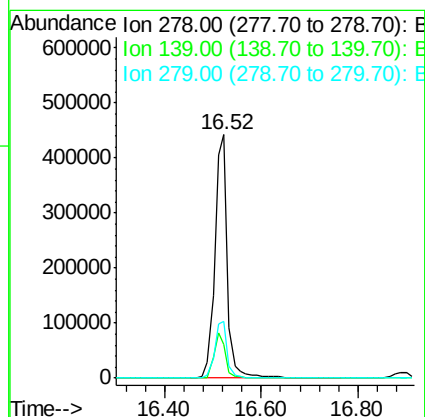
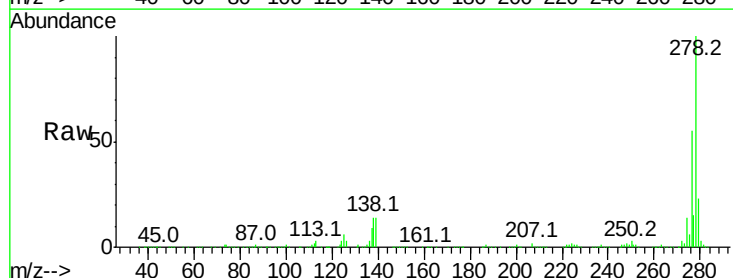
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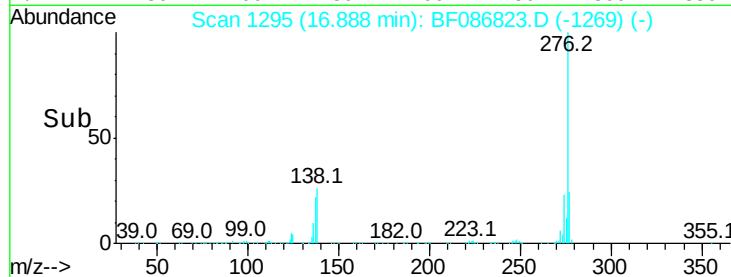
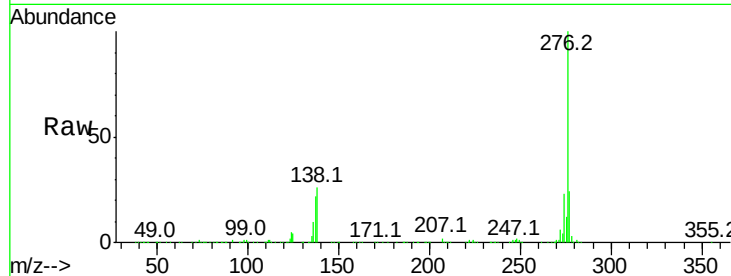
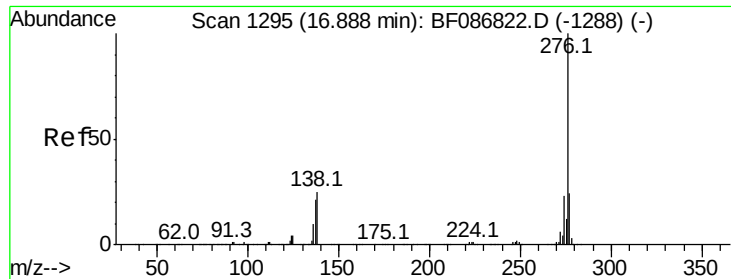
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#90
Dibenzo(a,h)anthracene
Concen: 54.68 ng
RT: 16.52 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BF086823.D
Acq: 9 May 2016 14:09

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	13.8	16.6	24.8
279	23.5	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 56.54 ng

RT: 16.89 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF086823.D

Acq: 9 May 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:	276	Resp:	851379
Ion Ratio		Lower	Upper
276	100		
277	23.9	19.6	29.4
138	25.8	23.6	35.4

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