

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086822.D
 Acq On : 9 May 2016 13:40
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:05:51 AM

Quant Time: May 09 15:02:10 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	175722	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	737787	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	357787	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	641105	20.00	ng	0.00
75) Chrysene-d12	13.84	240	458312	20.00	ng	0.00
86) Perylene-d12	15.21	264	366845	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	844991	82.94	ng	0.00
7) Phenol-d6	6.36	99	1113754	78.33	ng	0.00
23) Nitrobenzene-d5	7.26	82	1174866	85.83	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	291974	77.38	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1510851	71.47	ng	0.00
78) Terphenyl-d14	12.80	244	1715865	82.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	204981	38.30	ng	# 72
3) Pyridine	2.86	79	503251	39.73	ng	# 67
4) n-Nitrosodimethylamine	2.82	42	380225	52.67	ng	# 52
6) Aniline	6.36	93	668831	38.87	ng	# 74
8) 2-Chlorophenol	6.49	128	503432	39.68	ng	99
9) Benzaldehyde	6.24	77	310374	37.52	ng	95
10) Phenol	6.37	94	679135	42.81	ng	78
11) bis(2-Chloroethyl)ether	6.44	93	548667	40.01	ng	92
12) 1,3-Dichlorobenzene	6.64	146	539356	39.52	ng	98
13) 1,4-Dichlorobenzene	6.70	146	524077m	37.22	ng	
14) 1,2-Dichlorobenzene	6.86	146	500982	38.79	ng	99
15) Benzyl Alcohol	6.85	79	390364	43.40	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1063126	38.73	ng	57
17) 2-Methylphenol	6.98	107	412672	40.24	ng	# 84
18) Hexachloroethane	7.21	117	205263	39.01	ng	# 77
19) n-Nitroso-di-n-propylamine	7.13	70	419054	44.59	ng	# 76
20) 3+4-Methylphenols	7.14	107	542318	46.31	ng	# 58
22) Acetophenone	7.12	105	686967	42.46	ng	# 97
24) Nitrobenzene	7.29	77	610639	43.37	ng	97
25) Isophorone	7.53	82	1035739	39.32	ng	99
26) 2-Nitrophenol	7.61	139	280773	43.31	ng	96
27) 2,4-Dimethylphenol	7.65	122	418292	36.77	ng	87
28) bis(2-Chloroethoxy)methane	7.74	93	608547	42.40	ng	98
29) 2,4-Dichlorophenol	7.86	162	396476	41.31	ng	93
30) 1,2,4-Trichlorobenzene	7.93	180	444116	39.89	ng	100
31) Naphthalene	8.01	128	1455462	38.77	ng	100
32) Benzoic acid	7.81	122	263041	44.59	ng	84
33) 4-Chloroaniline	8.06	127	581731	41.38	ng	# 92
34) Hexachlorobutadiene	8.12	225	259696	41.61	ng	97
35) Caprolactam	8.45	113	128188	40.04	ng	# 47
36) 4-Chloro-3-methylphenol	8.57	107	482524	43.91	ng	99
37) 2-Methylnaphthalene	8.69	142	886825	40.03	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	403693	39.42	ng	99
40) Hexachlorocyclopentadiene	8.84	237	200938	39.48	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	265798	41.06	nq	95
43) 2,4,5-Trichlorophenol	9.02	196	286418	40.59	nq	# 85
45) 1,1'-Biphenyl	9.16	154	1172353	39.20	nq	98
46) 2-Chloronaphthalene	9.18	162	918375	40.39	nq	98
47) 2-Nitroaniline	9.29	65	307389	42.16	nq	# 73
48) Acenaphthylene	9.60	152	1363209	38.35	nq	99
49) Dimethylphthalate	9.47	163	1013563	37.63	nq	100
50) 2,6-Dinitrotoluene	9.53	165	215961	38.81	nq	# 64
51) Acenaphthene	9.77	154	867006	37.98	nq	99
52) 3-Nitroaniline	9.70	138	235540	37.22	nq	# 73
53) 2,4-Dinitrophenol	9.81	184	97542	39.19	nq	88
54) Dibenzofuran	9.94	168	1102881	38.65	nq	97
55) 4-Nitrophenol	9.89	139	152697	36.85	nq	85
56) 2,4-Dinitrotoluene	9.94	165	285536	40.25	nq	# 84
57) Fluorene	10.28	166	928582	37.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	227481	41.24	nq	98
59) Diethylphthalate	10.17	149	1065259	41.78	nq	96
60) 4-Chlorophenyl-phenylether	10.27	204	391984	34.85	nq	98
61) 4-Nitroaniline	10.32	138	247822	40.06	nq	# 70
62) Azobenzene	10.43	77	1112880	39.85	nq	86
64) 4,6-Dinitro-2-methylphenol	10.34	198	154811	41.13	nq	# 36
65) n-Nitrosodiphenylamine	10.40	169	749378	37.40	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	274143	41.50	nq	# 87
67) Hexachlorobenzene	10.82	284	276398	36.15	nq	# 70
68) Atrazine	10.93	200	284873	47.35	nq	96
69) Pentachlorophenol	11.02	266	153336	38.03	nq	96
70) Phenanthrene	11.23	178	1252561	37.23	nq	99
71) Anthracene	11.29	178	1449818	40.38	nq	99
72) Carbazole	11.45	167	1166029	36.64	nq	99
73) Di-n-butylphthalate	11.78	149	1474904	40.91	nq	# 99
74) Fluoranthene	12.42	202	1432685	42.18	nq	91
76) Benzidine	12.55	184	511195	32.46	nq	99
77) Pyrene	12.64	202	1348359	40.83	nq	99
79) Butylbenzylphthalate	13.27	149	571007	39.92	nq	# 69
80) Benzo(a)anthracene	13.83	228	992057	40.60	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	686211	42.01	nq	# 96
82) Chrysene	13.86	228	934657	35.19	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	705200	39.72	nq	97
84) Di-n-octyl phthalate	14.43	149	1164929	41.90	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.50	276	873263	44.37	nq	95
87) Benzo(b)fluoranthene	14.83	252	877566m	40.66	nq	
88) Benzo(k)fluoranthene	14.85	252	804908m	35.76	nq	
89) Benzo(a)pyrene	15.15	252	804605	39.49	nq	# 96
90) Dibenzo(a,h)anthracene	16.51	278	722488	43.33	nq	98
91) Benzo(g,h,i)perylene	16.89	276	734088	43.93	nq	94

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

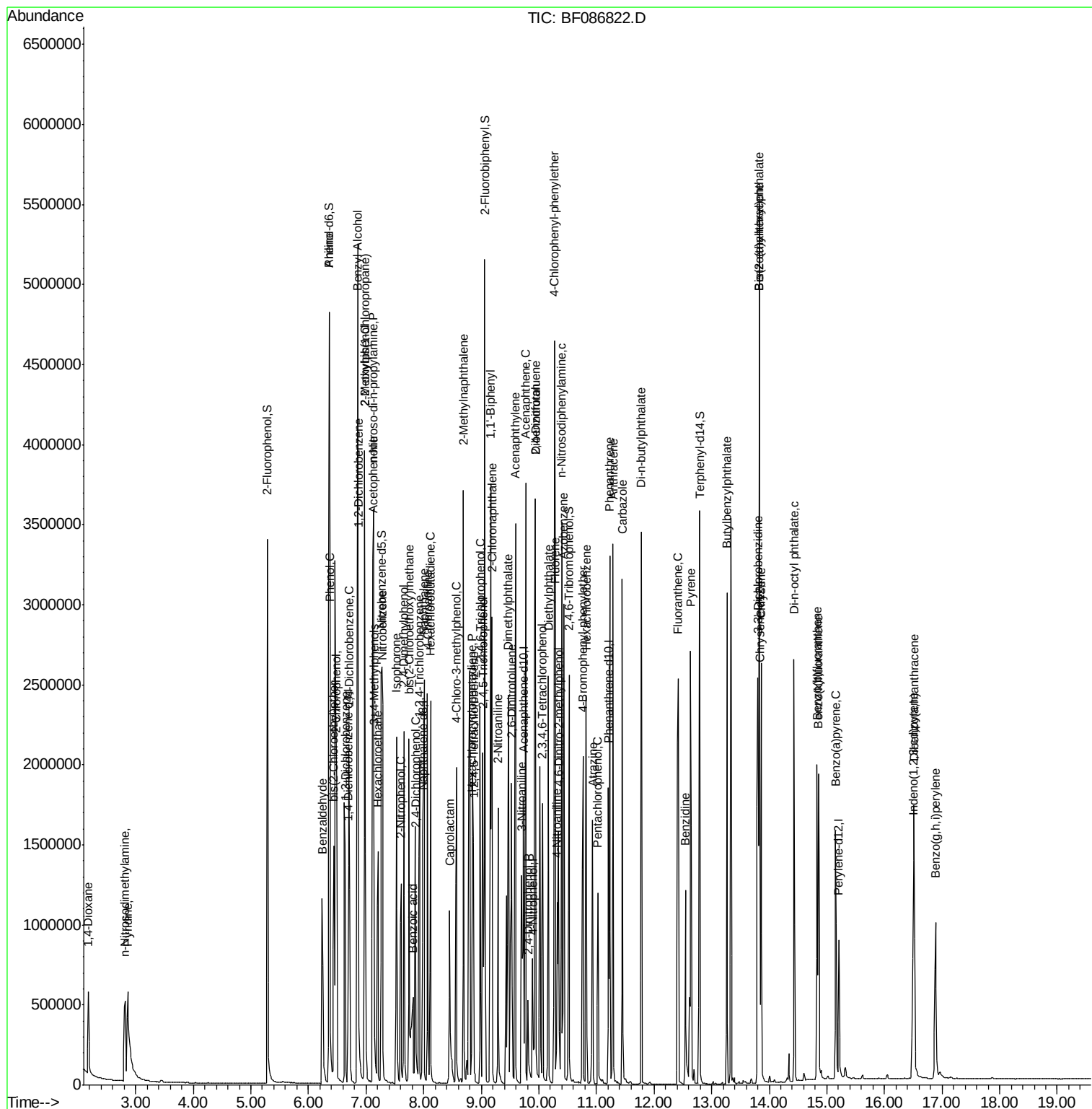
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Operator  : UM/SJ  
Sample    : SSTDICCC040  
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ALS Vial  : 7 Sample Multiplier: 1
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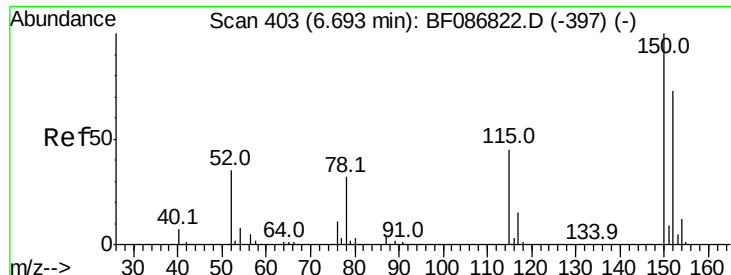
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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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: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 175722

Ion Ratio Lower Upper

152 100

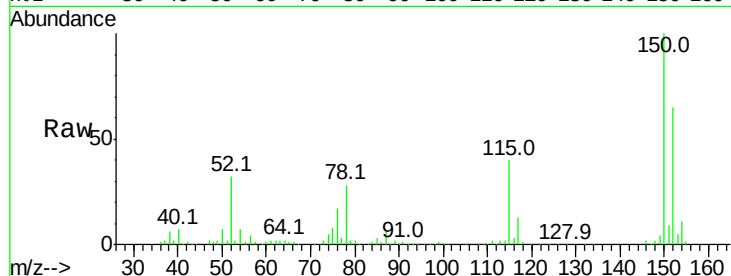
150 154.4 125.8 188.6

115 62.2 51.5 77.3

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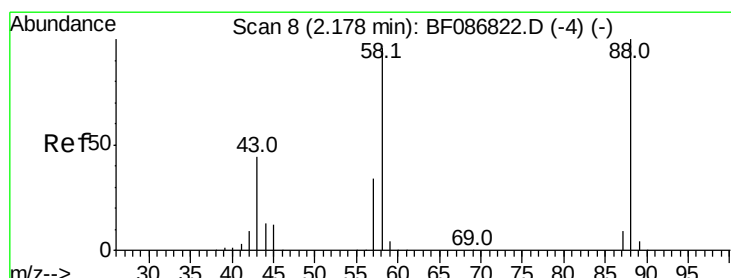
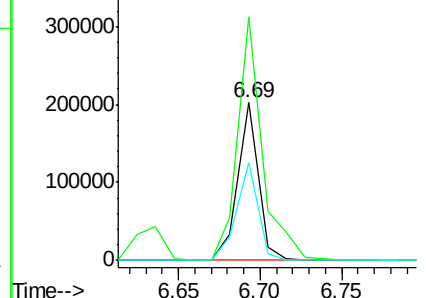
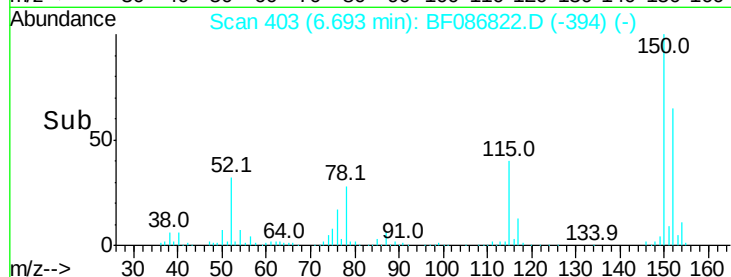
5/10/2016 11:05:51 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.30 ng

RT: 2.18 min Scan# 8

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

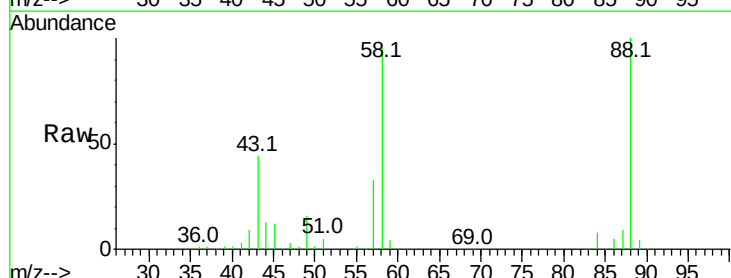
Tgt Ion: 88 Resp: 204981

Ion Ratio Lower Upper

88 100

58 96.6 59.6 89.4#

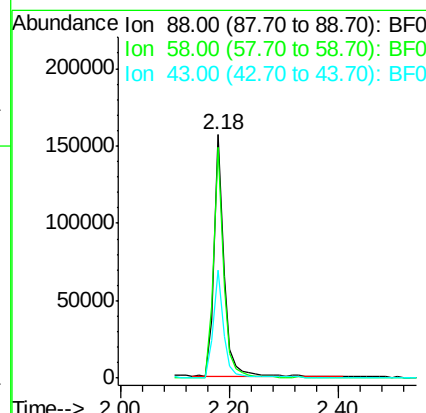
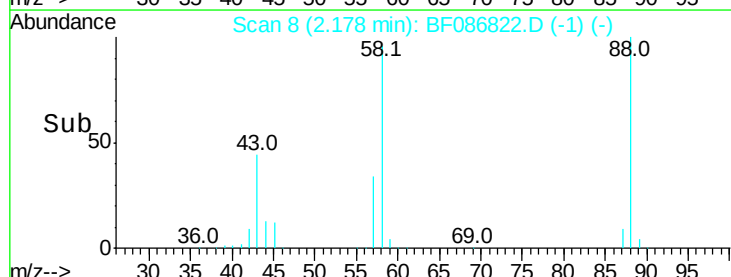
43 45.0 21.8 32.6#

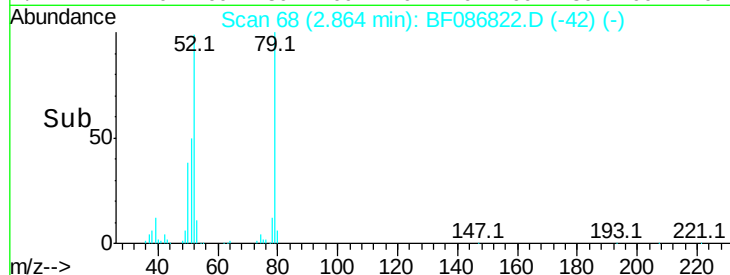
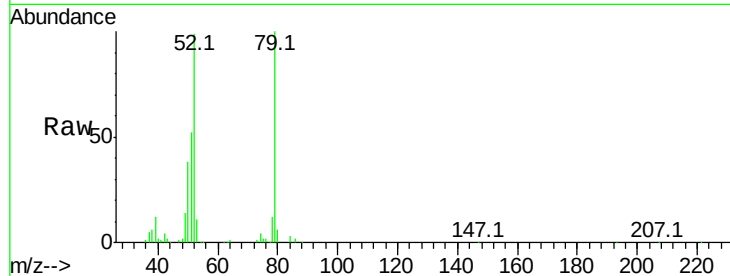
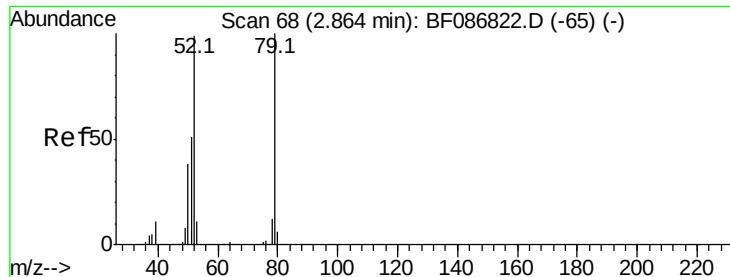


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





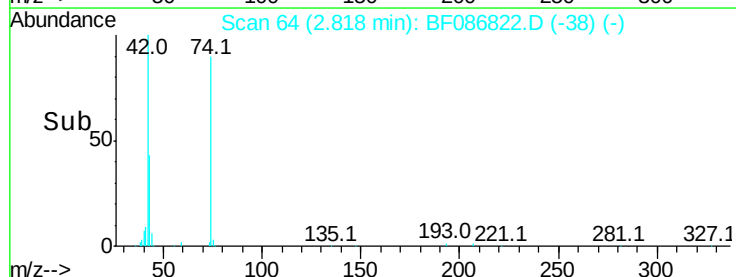
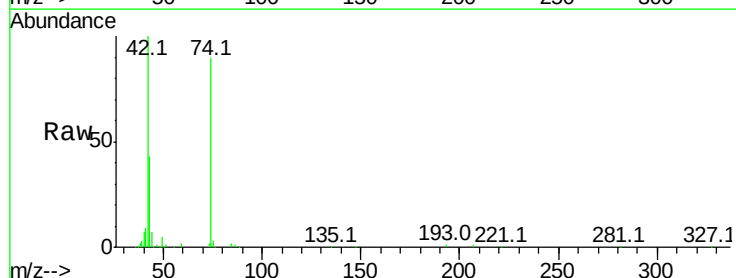
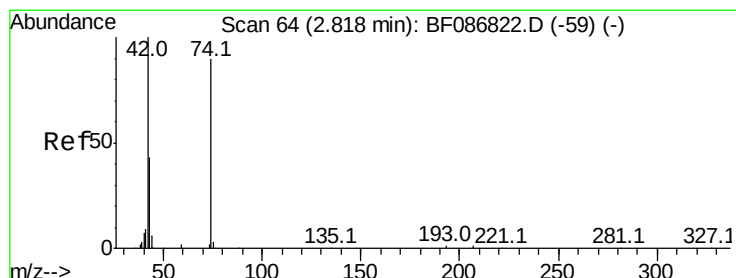
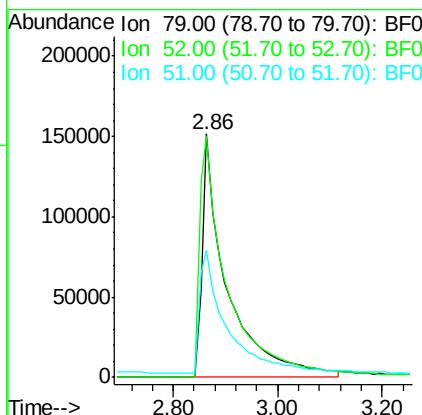
#3
 Pvridine
 Concen: 39.73 ng
 RT: 2.86 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Tot Ion	Ratio	Lower	Upper
79	100		
52	98.9	55.9	83.9#
51	52.4	28.1	42.1#

Instrument :
 BNA_F
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 SSTDICC040

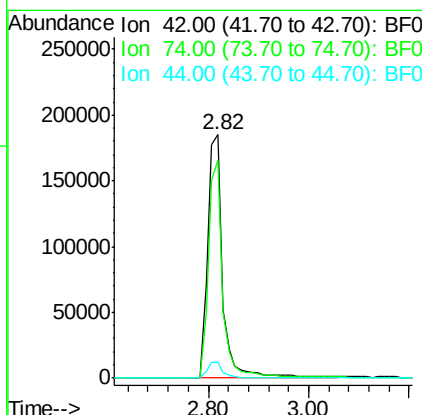
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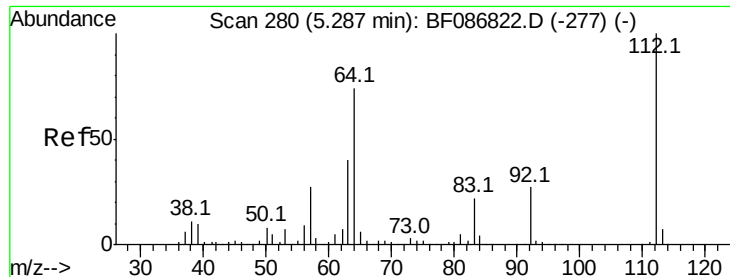
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#4
 n-Nitrosodimethylamine
 Concen: 52.67 ng
 RT: 2.82 min Scan# 64
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	89.7	123.4	185.0#
44	6.6	5.8	8.6





#5

2-Fluorophenol

Concen: 82.94 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

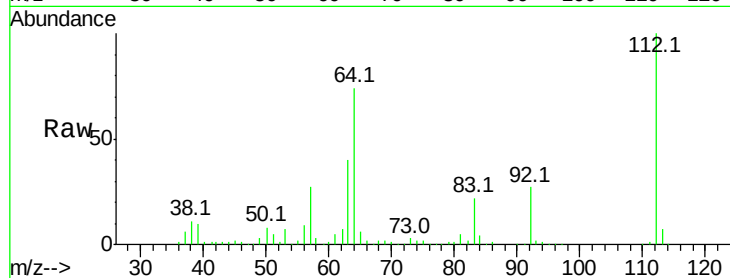
ClientSampleId :

SSTDICCC040

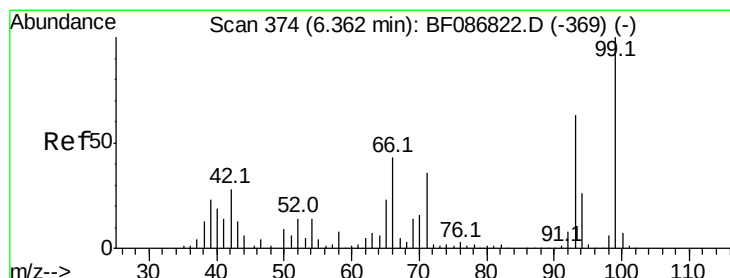
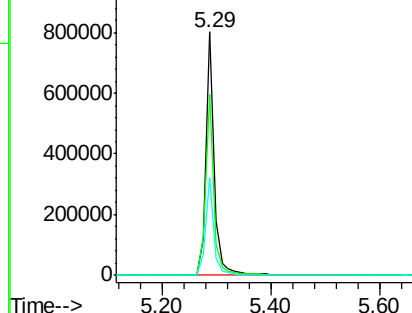
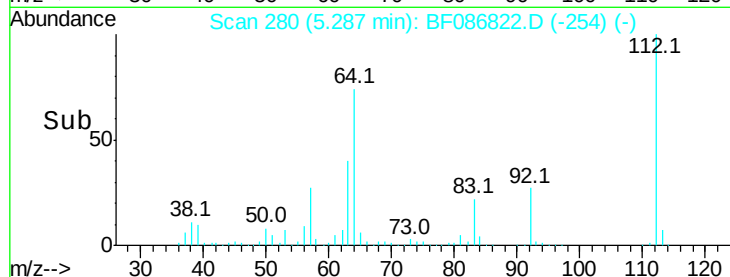
Tot Ion:	112	Resp:	844991
Ion Ratio	Lower	Upper	
112	100		
64	74.1	52.1	78.1
63	40.2	25.7	38.5#

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.87 ng

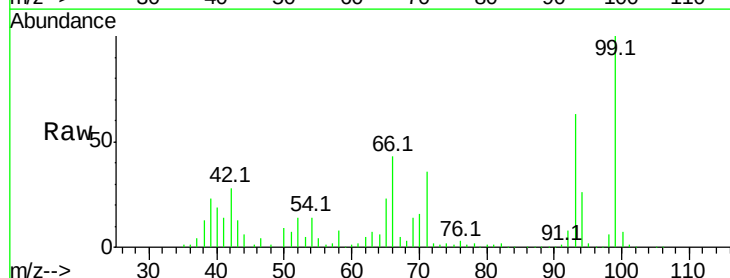
RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

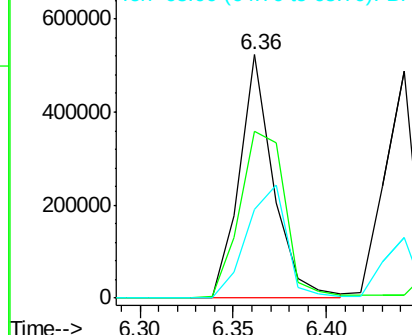
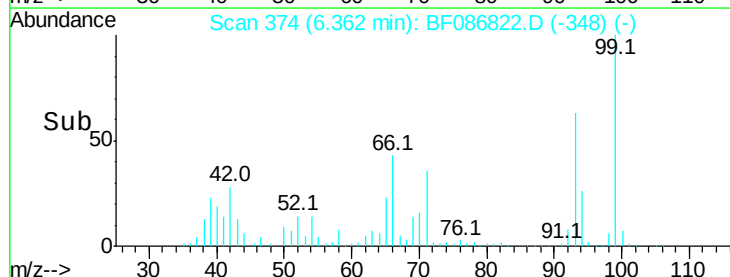
Lab File: BF086822.D

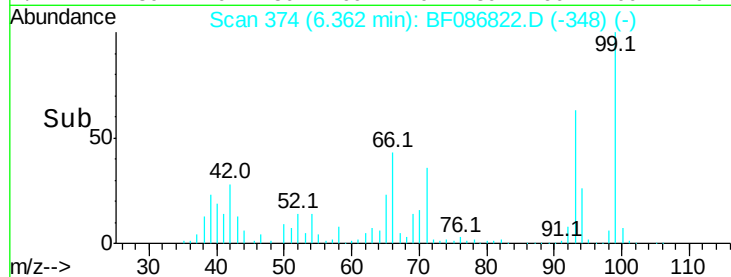
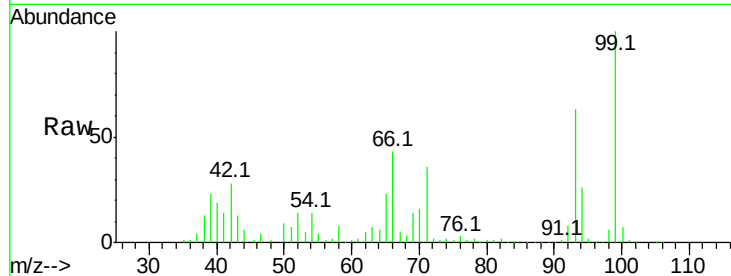
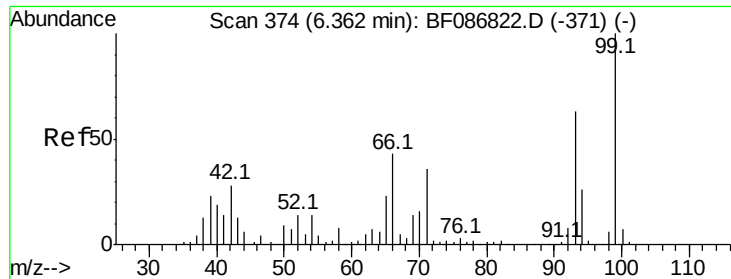
Acq: 9 May 2016 13:40

Tgt Ion:	93	Resp:	668831
Ion Ratio	Lower	Upper	
93	100		
66	68.3	39.0	58.6#
65	36.6	20.6	31.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.33 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Tot Ion: 99 Resp: 1113754

Ion Ratio Lower Upper

99 100

42 27.6 13.6 20.4#

71 35.9 24.6 36.8

Instrument :

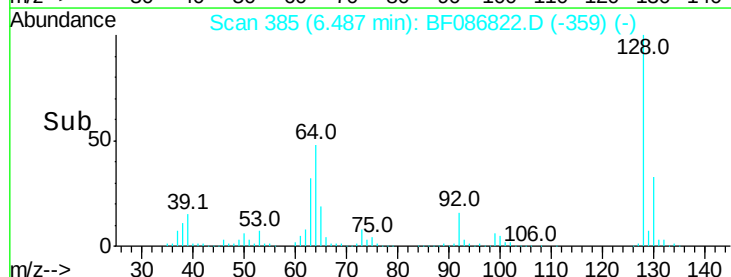
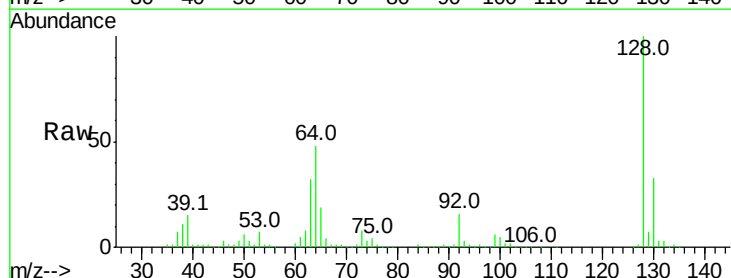
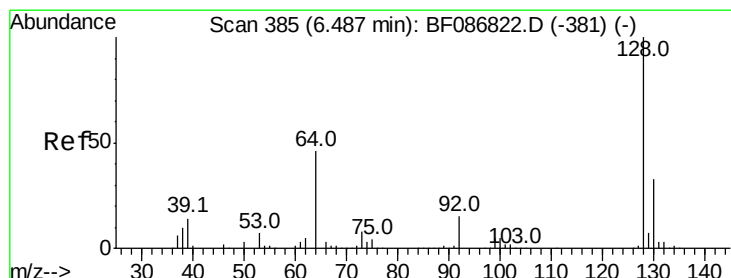
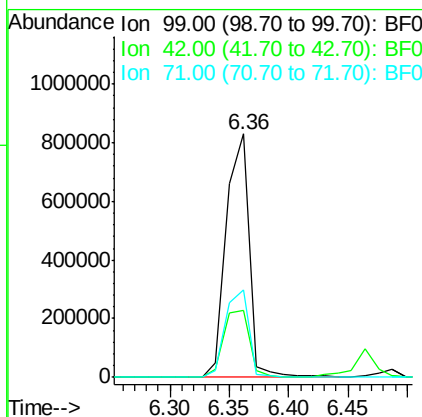
BNA_F

ClientSampled :

SSTDICCC040

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#8

2-Chlorophenol

Concen: 39.68 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

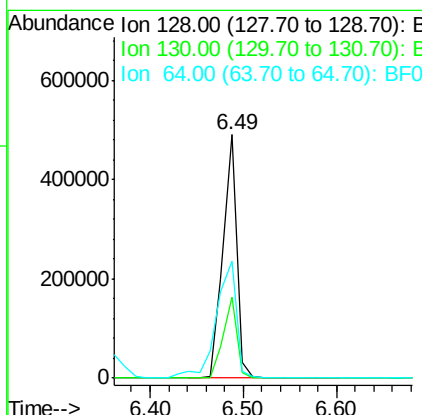
Tgt Ion:128 Resp: 503432

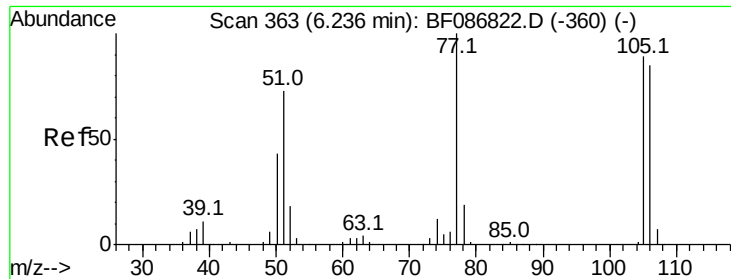
Ion Ratio Lower Upper

128 100

130 33.0 12.5 52.5

64 48.3 27.3 67.3





#9

Benzaldehyde

Concen: 37.52 ng

RT: 6.24 min Scan# 363

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

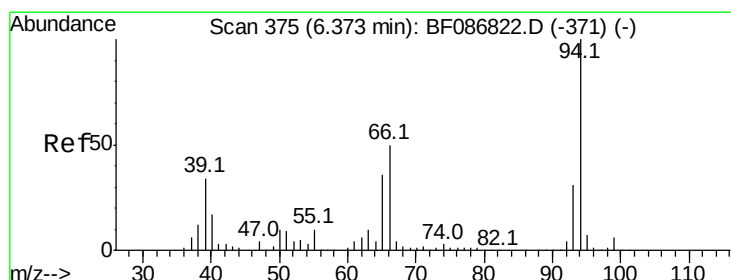
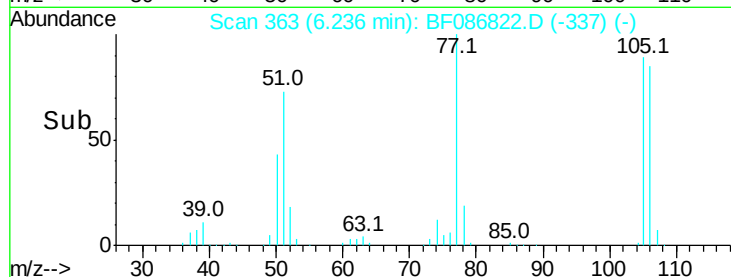
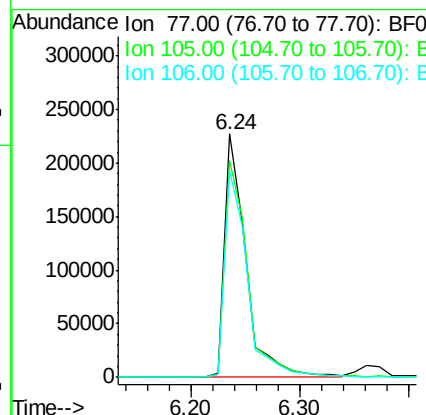
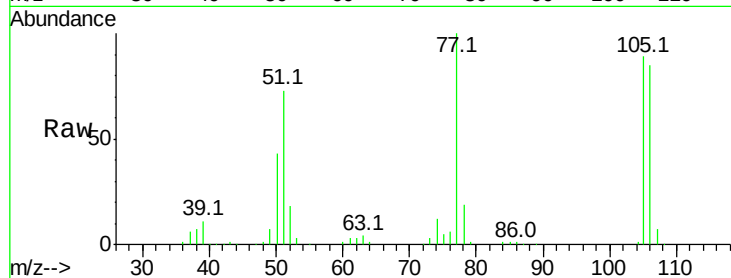
ClientSampleId :

SSTDICCC040

Tot Ion:	77	Resp:	310374
Ion Ratio	Lower	Upper	
77	100		
105	89.1	72.7	112.7
106	84.6	70.8	110.8

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#10

Phenol

Concen: 42.81 ng

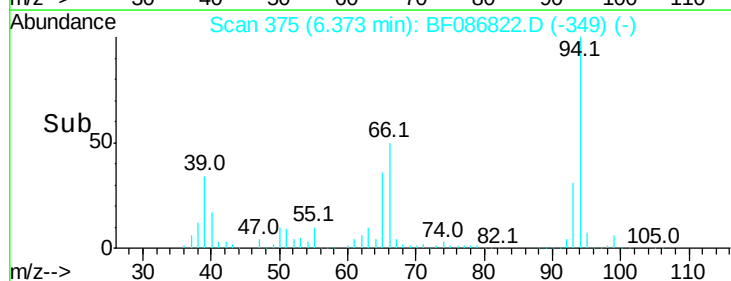
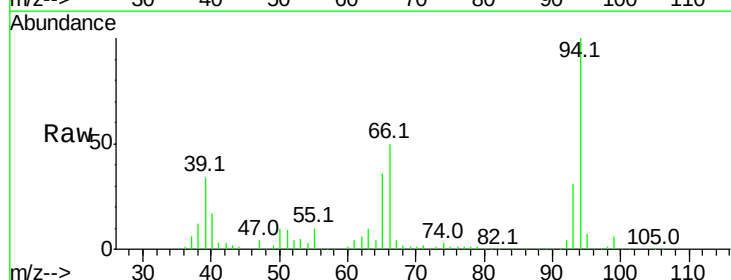
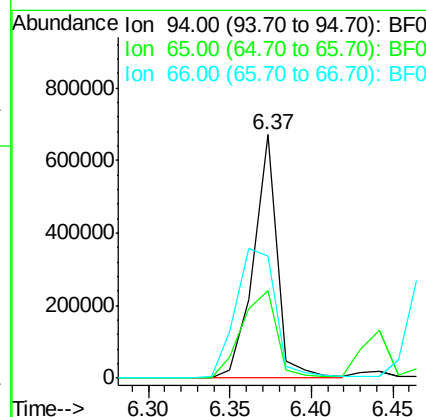
RT: 6.37 min Scan# 375

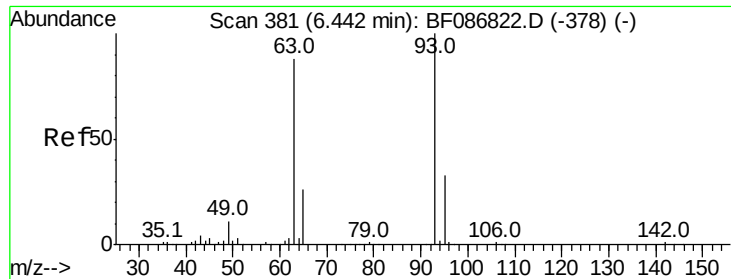
Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Tgt Ion:	94	Resp:	679135
Ion Ratio	Lower	Upper	
94	100		
65	36.1	7.2	47.2
66	49.9	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 40.01 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

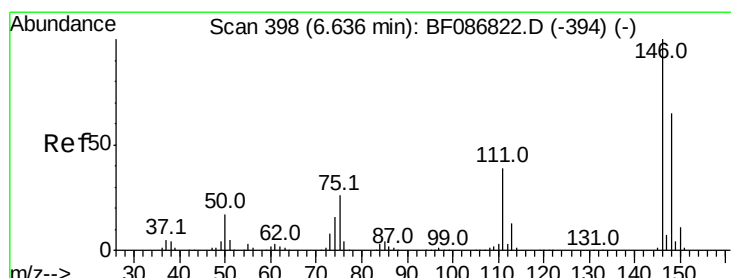
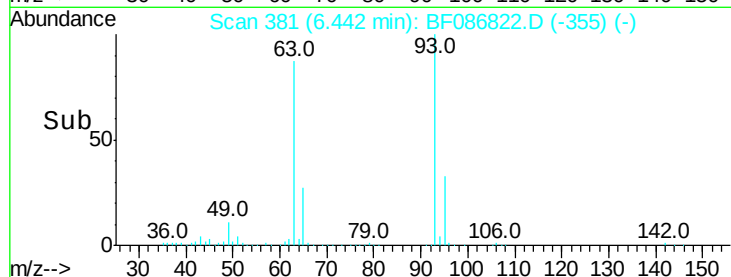
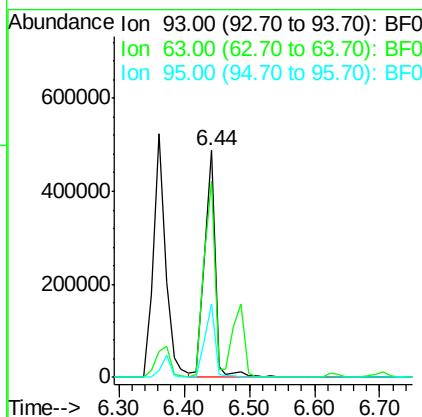
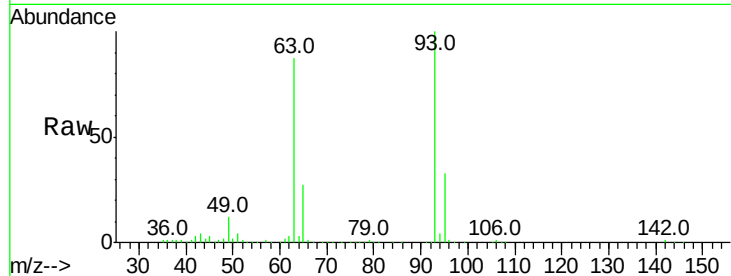
ClientSampleId :

SSTDICCC040

Tot Ion:	93	Resp:	548667
Ion Ratio	Lower	Upper	
93	100		
63	86.8	58.0	98.0
95	32.6	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 39.52 ng

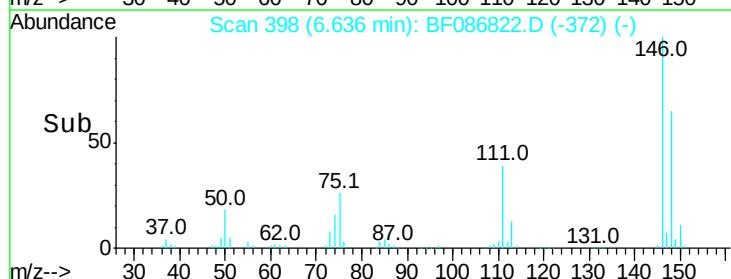
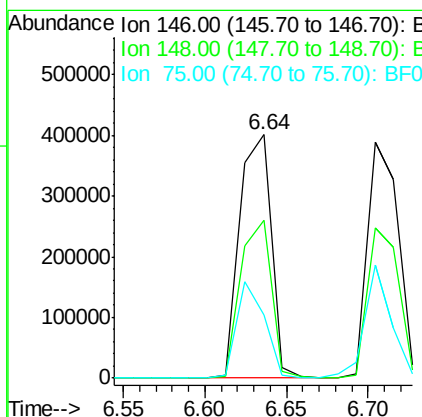
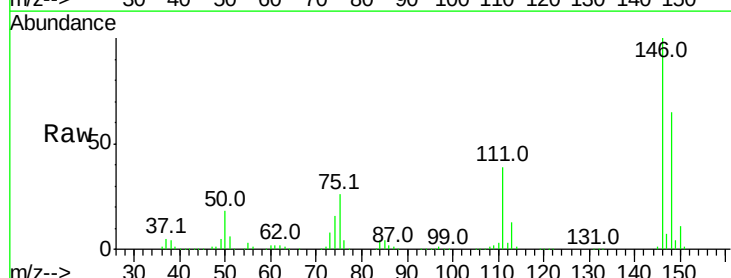
RT: 6.64 min Scan# 398

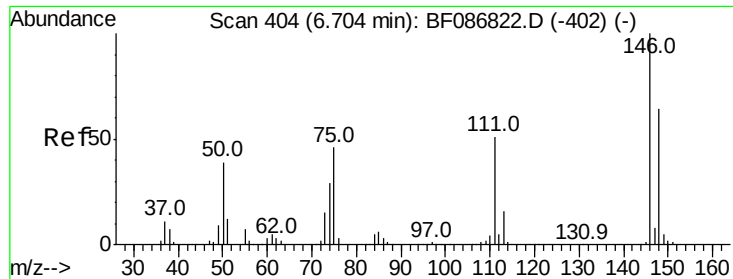
Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Tgt Ion:	146	Resp:	539356
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.4	78.6
75	26.2	22.8	34.2





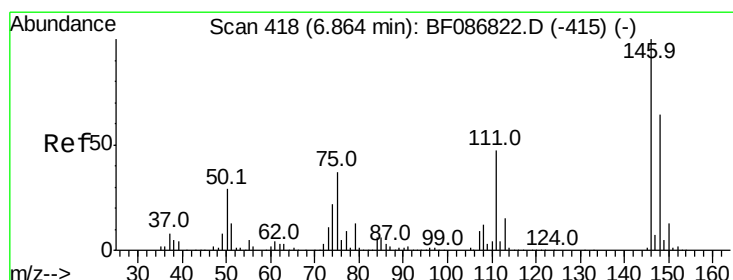
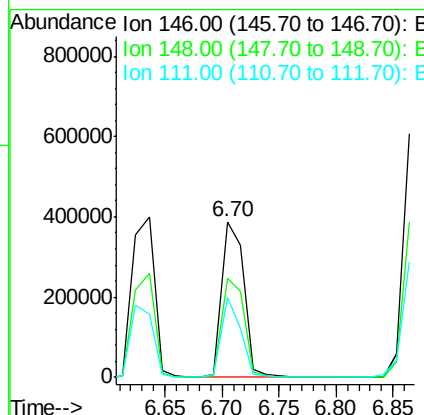
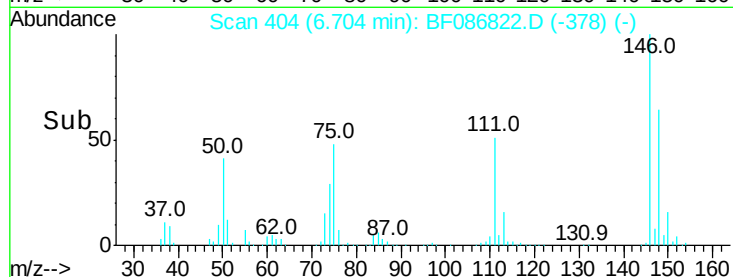
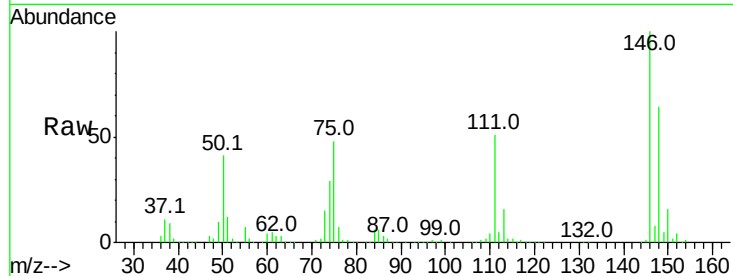
#13
1,4-Dichlorobenzene
Concen: 37.22 ng/ml
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.4
111	50.8	30.7	46.1

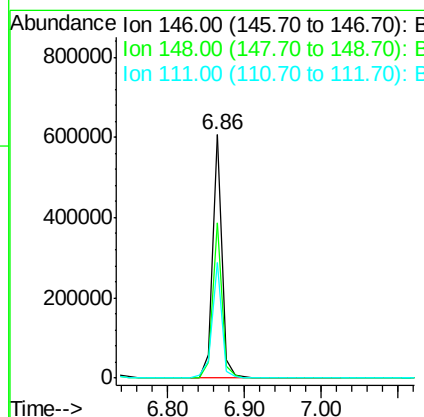
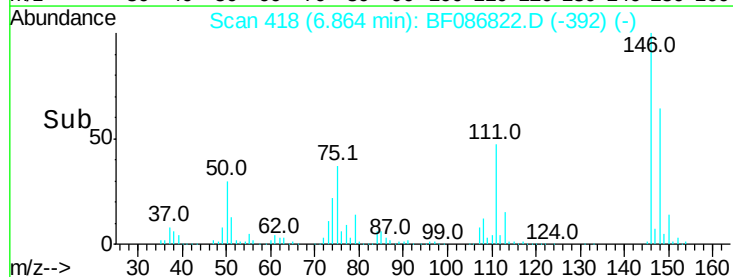
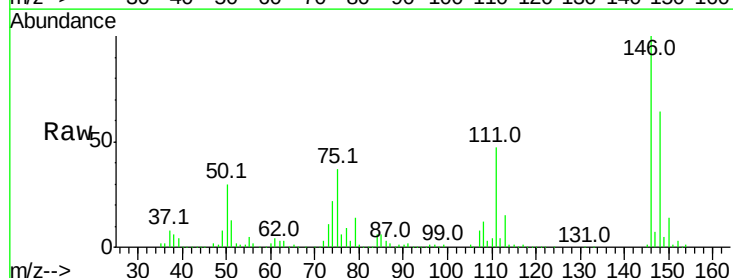
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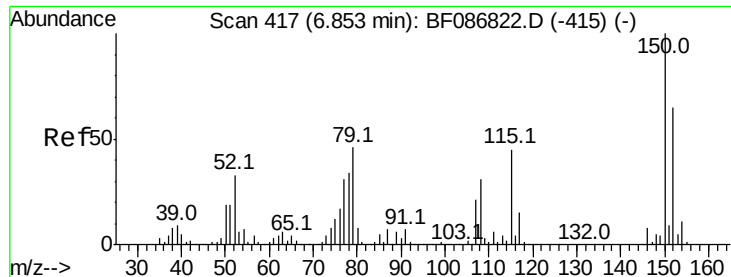
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#14
1,2-Dichlorobenzene
Concen: 38.79 ng/ml
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	47.3	36.2	54.4





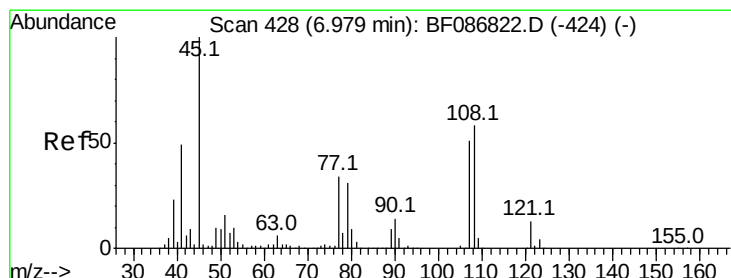
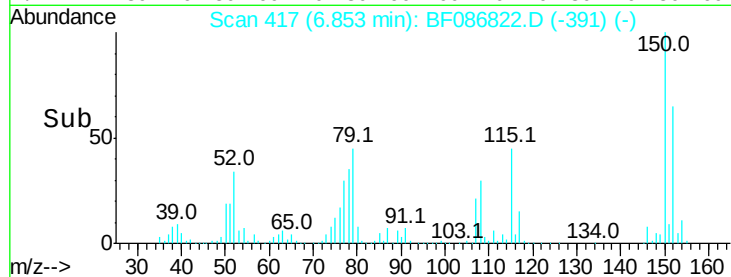
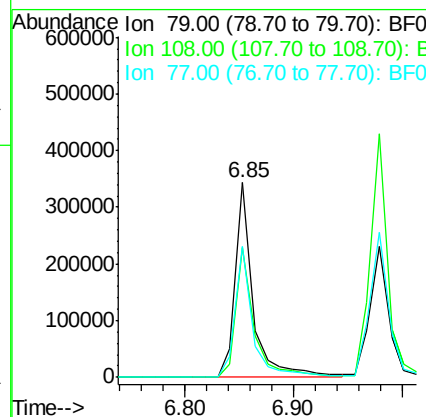
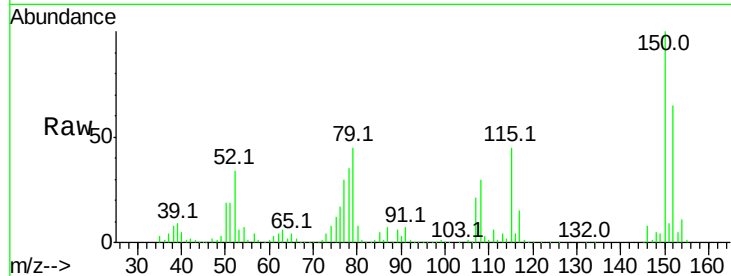
#15
Benzyl Alcohol
Concen: 43.40 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.9	68.4	102.6#
77	67.5	50.6	76.0

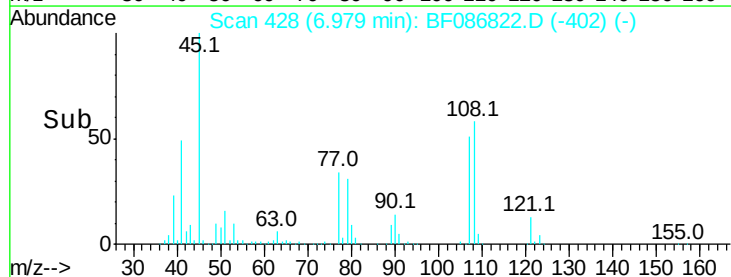
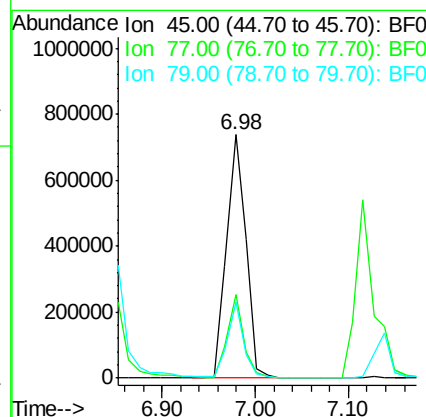
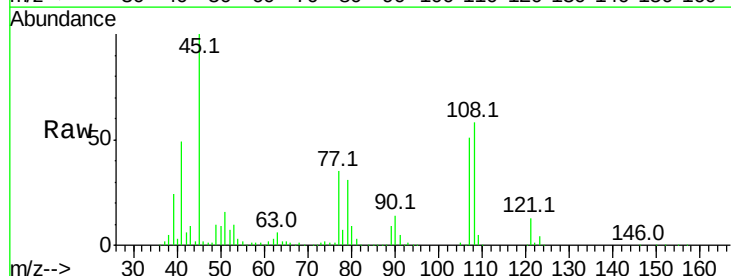
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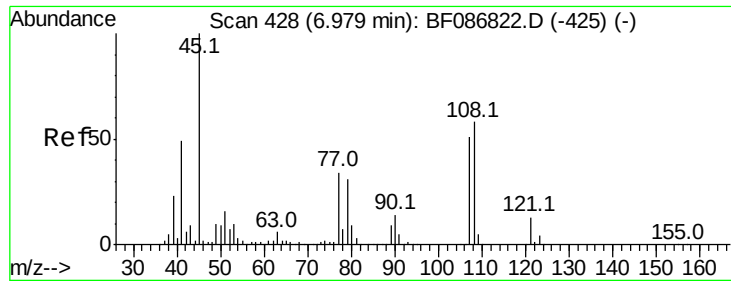
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.73 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.5	0.0	36.4
79	31.3	0.0	33.4





#17

2-Methylphenol

Concen: 40.24 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:107 Resp: 412672
Ion Ratio Lower Upper

107 100

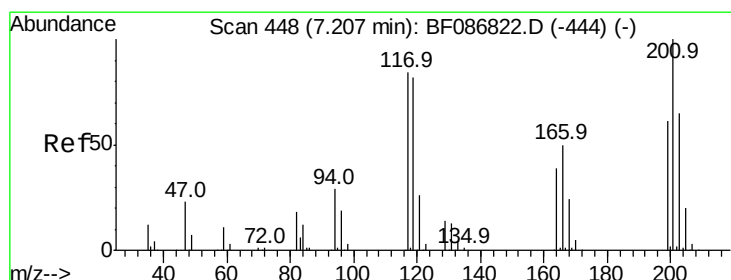
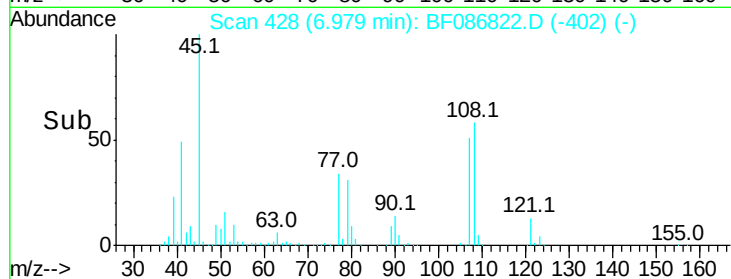
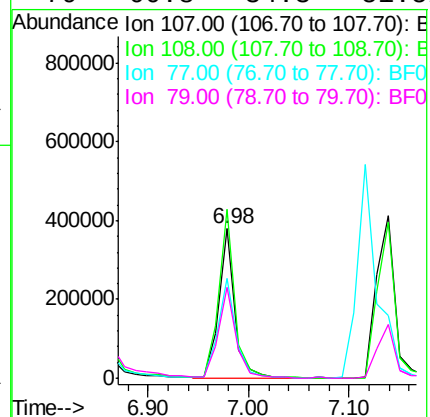
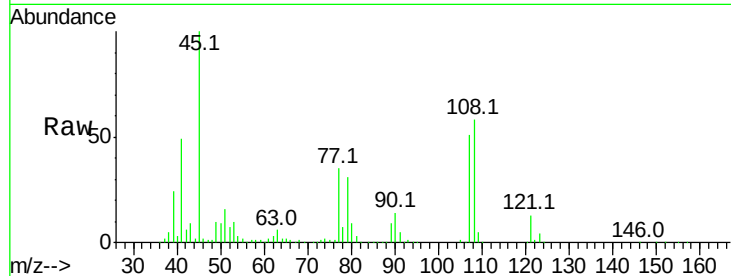
108 113.2 93.7 140.5

77 67.2 33.4 50.0#

79 60.8 34.3 51.5#

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#18

Hexachloroethane

Concen: 39.01 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF086822.D

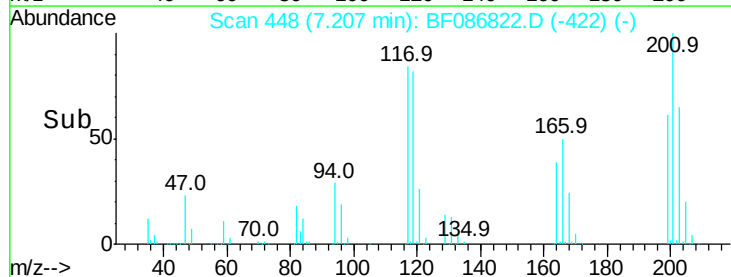
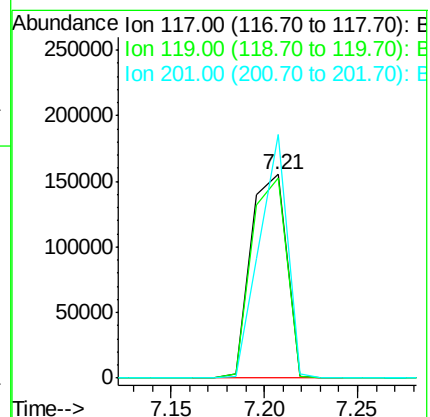
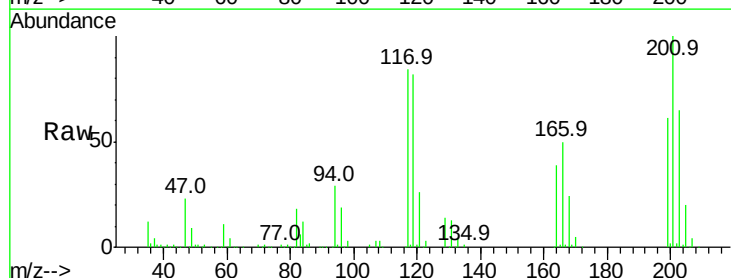
Acq: 9 May 2016 13:40

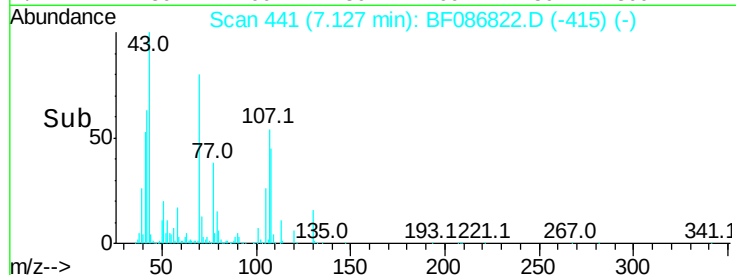
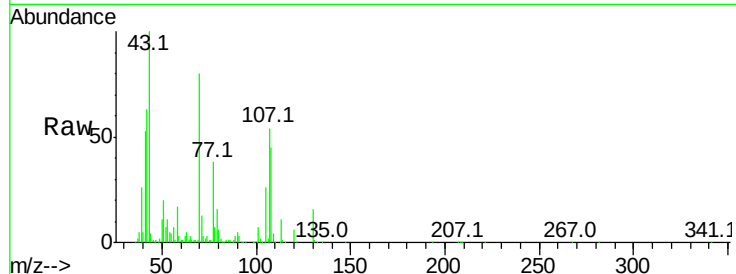
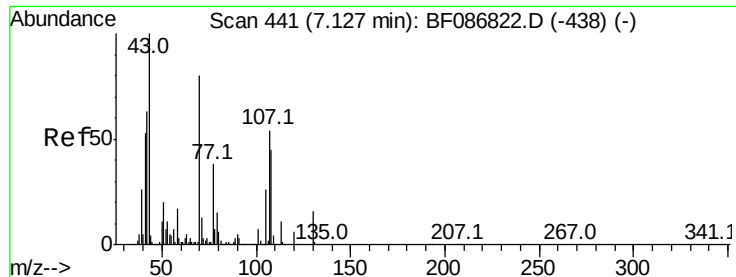
Tgt Ion:117 Resp: 205263
Ion Ratio Lower Upper

117 100

119 98.3 76.5 114.7

201 119.7 63.0 94.6#





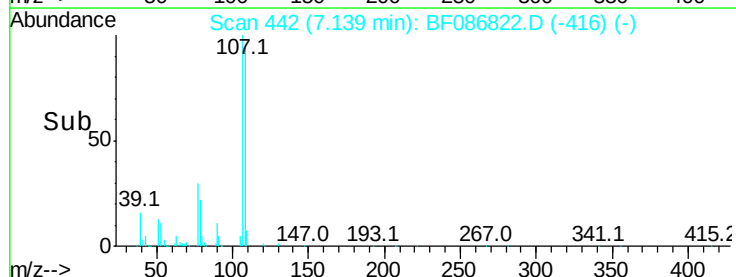
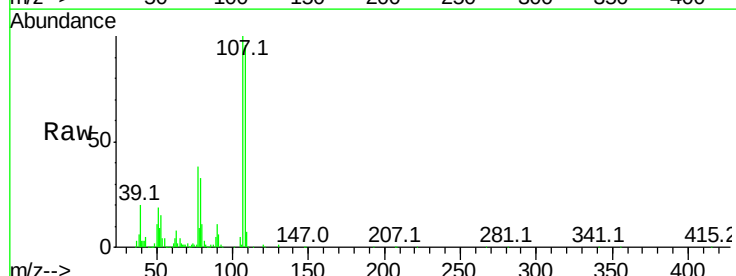
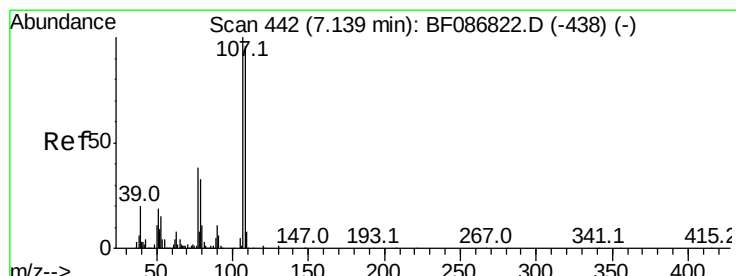
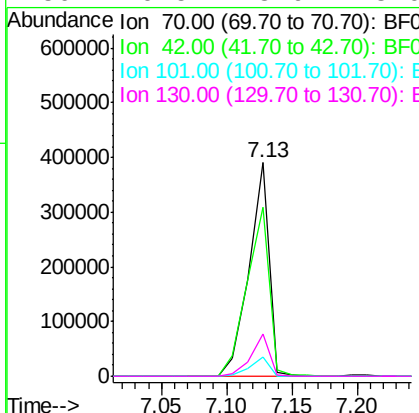
#19
n-Nitroso-di-n-propylamine
Concen: 44.59 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	79.1	43.1	64.7#	
101	9.2	8.1	12.1	
130	19.5	18.6	28.0	

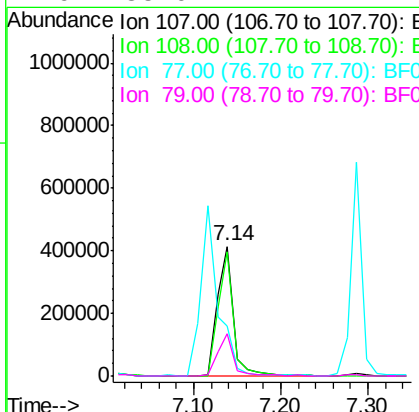
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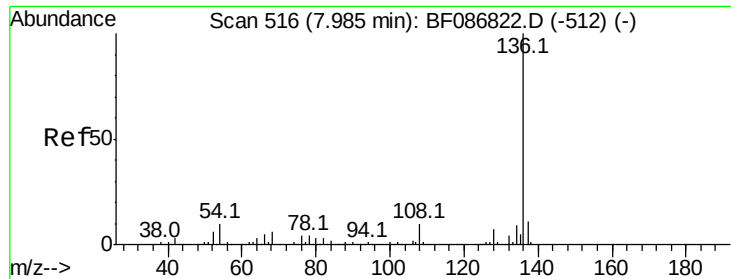
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#20
3+4-Methylphenols
Concen: 46.31 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	96.1	68.5	108.5	
77	38.1	101.6	141.6#	
79	33.0	7.4	47.4	





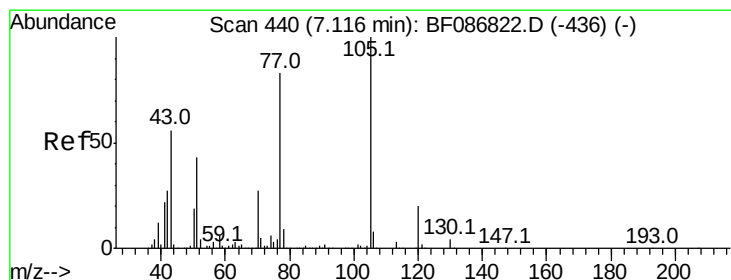
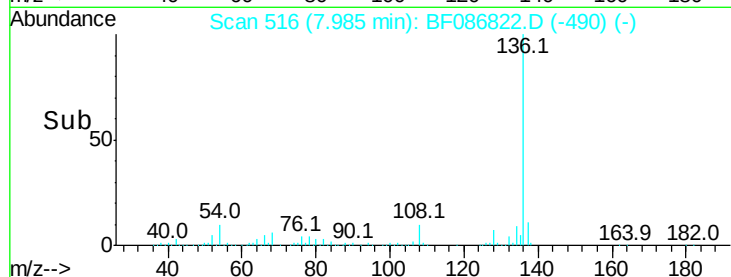
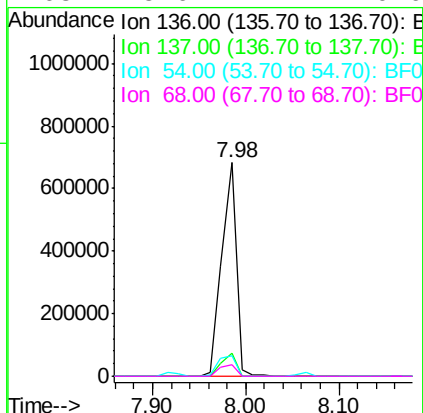
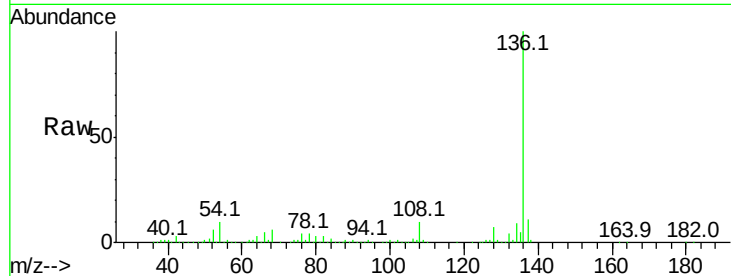
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	136	Resp	737787
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.8	13.2
54	9.8	5.0	7.4#
68	5.6	4.4	6.6

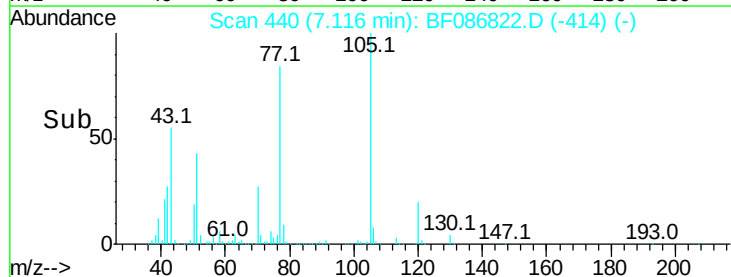
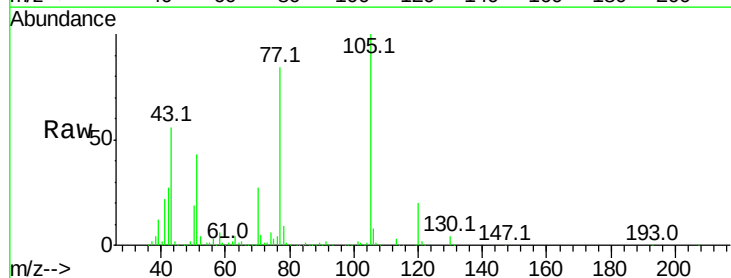
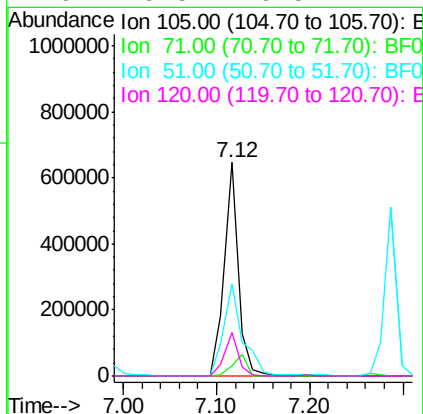
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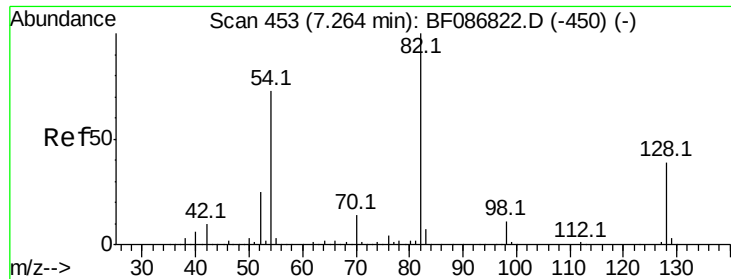
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#22
Acetophenone
Concen: 42.46 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Tgt Ion	105	Resp	686967
Ion Ratio	Lower	Upper	
105	100		
71	4.6	4.8	7.2#
51	43.1	32.6	49.0
120	20.5	16.5	24.7





#23

Nitrobenzene-d5

Concen: 85.83 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

Tot Ion: 82 Resp: 1174866

Ion Ratio Lower Upper

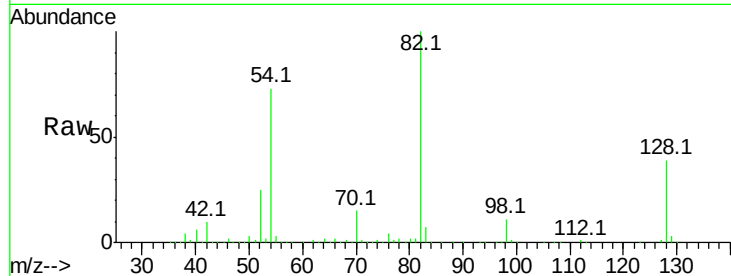
82 100

128 38.7 40.6 61.0#

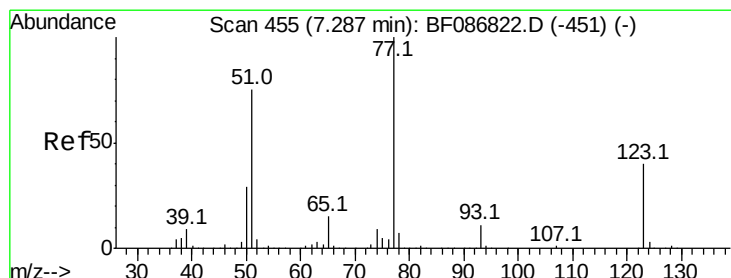
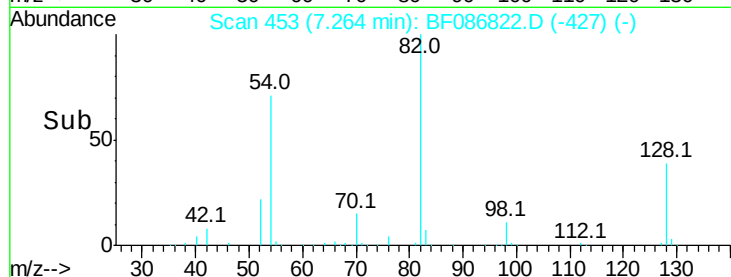
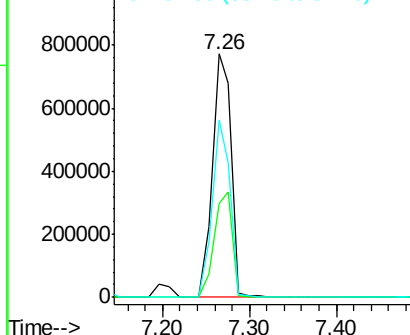
54 72.7 38.1 57.1#

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.37 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

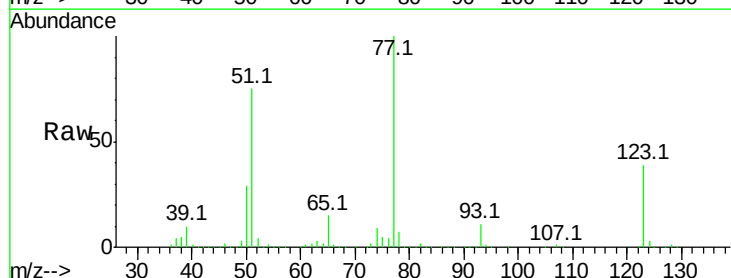
Tgt Ion: 77 Resp: 610639

Ion Ratio Lower Upper

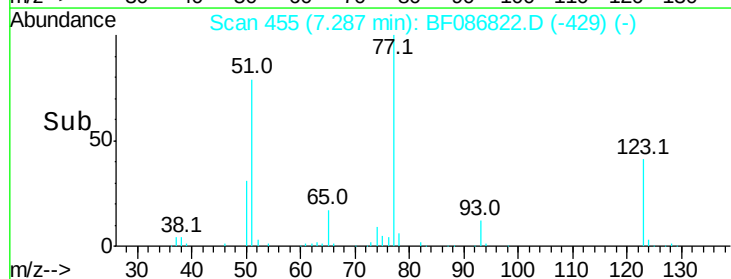
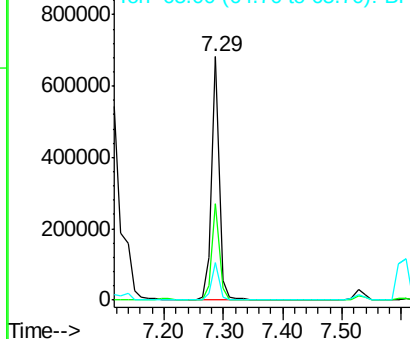
77 100

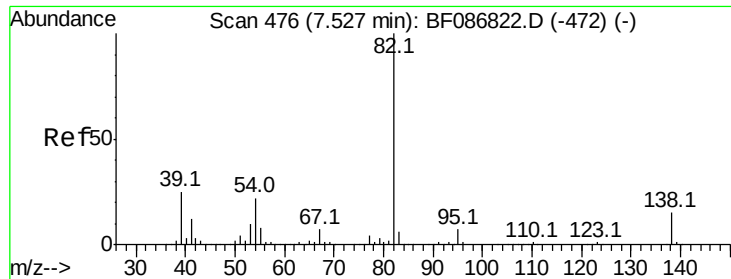
123 39.5 33.0 49.4

65 15.3 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.32 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 1035739

Ion Ratio Lower Upper

82 100

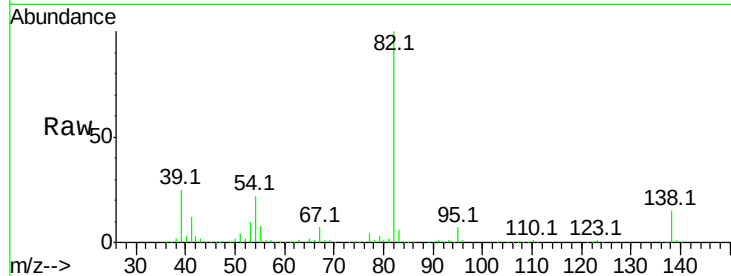
95 7.0 5.1 7.7

138 15.0 12.4 18.6

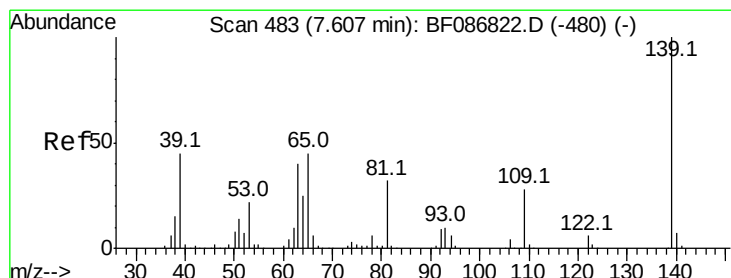
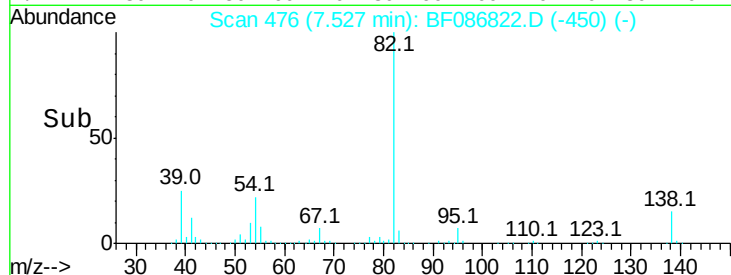
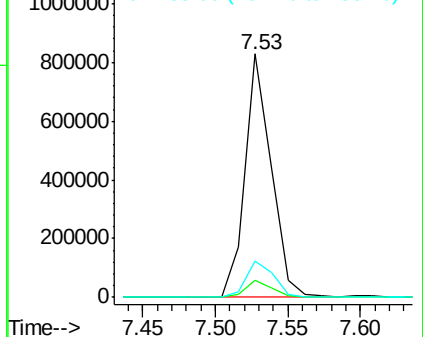
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.31 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

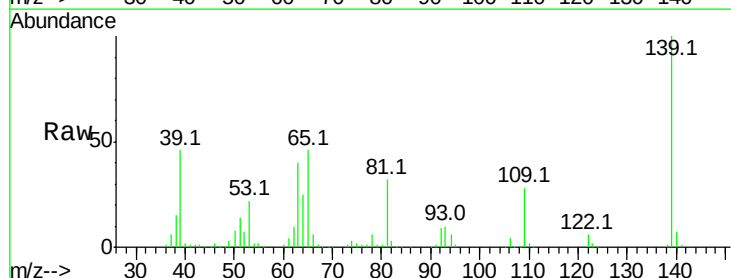
Tgt Ion: 139 Resp: 280773

Ion Ratio Lower Upper

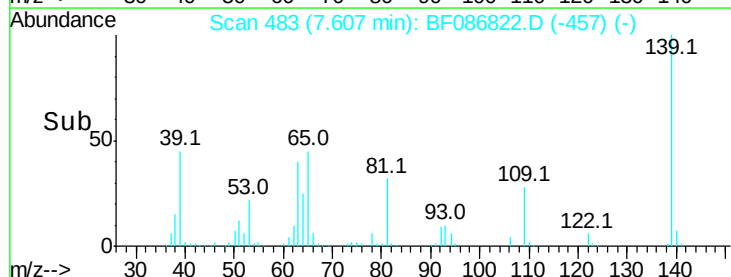
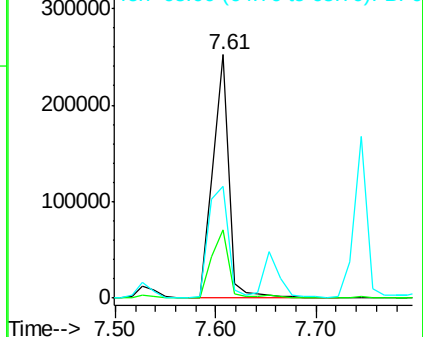
139 100

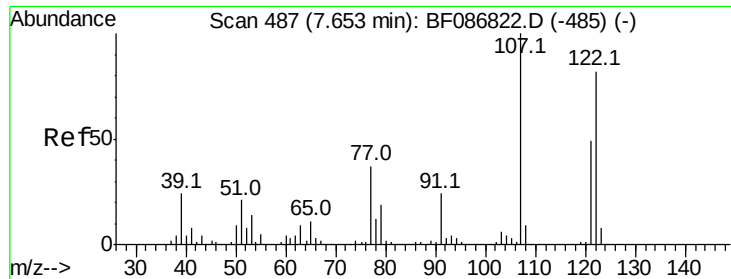
109 27.9 19.5 29.3

65 45.7 37.5 56.3



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





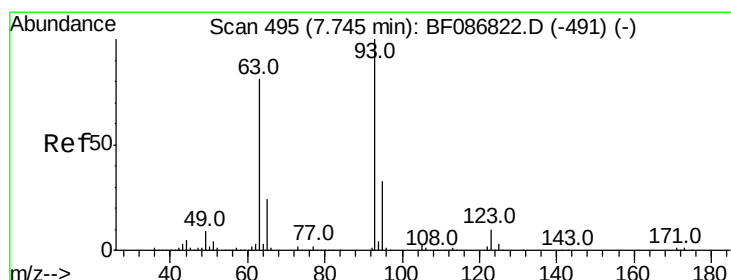
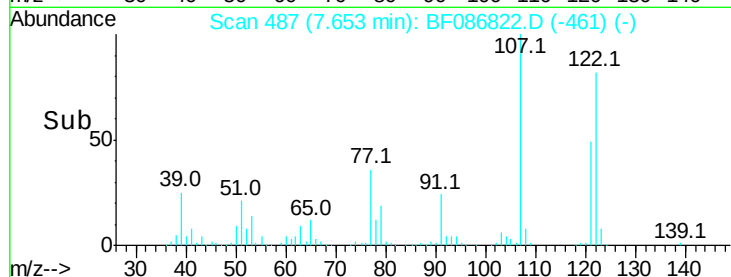
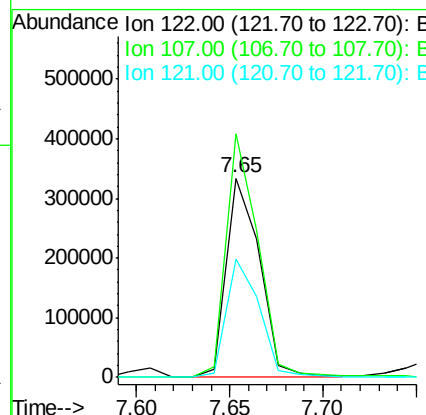
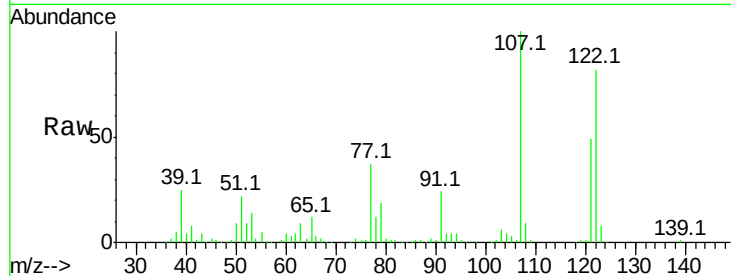
#27
2,4-Dimethylphenol
Concen: 36.77 ng
RT: 7.65 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
418292	122	100			
	107	122.1	82.0	123.0	
	121	59.4	46.1	69.1	

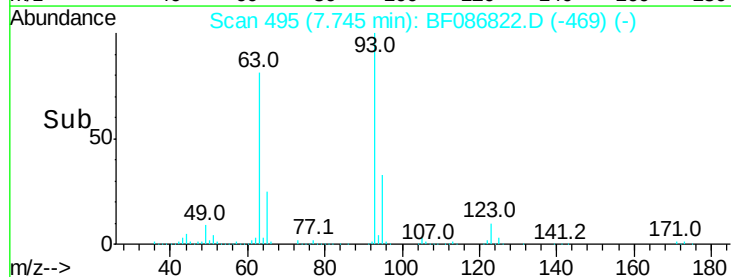
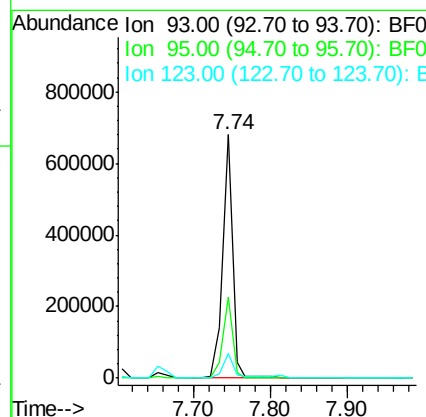
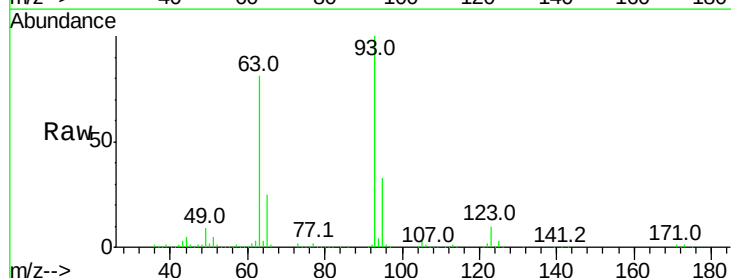
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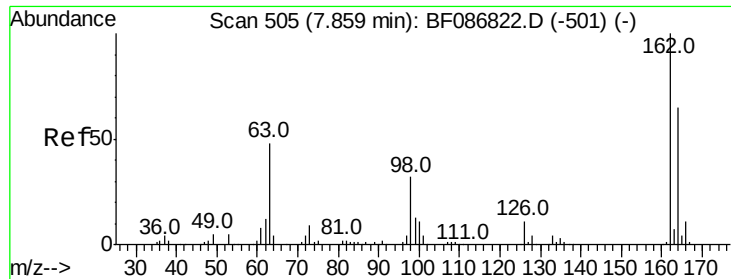
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#28
bis(2-Chloroethoxy)methane
Concen: 42.40 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
608547	93	100			
	95	33.1	26.0	39.0	
	123	10.3	9.5	14.3	





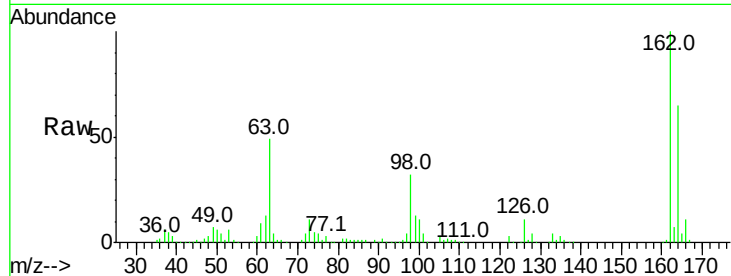
#29
 2,4-Dichlorophenol
 Concen: 41.31 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

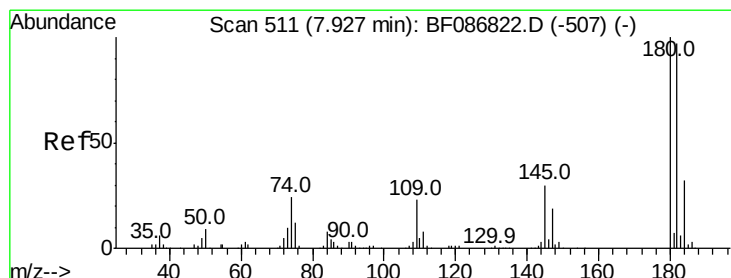
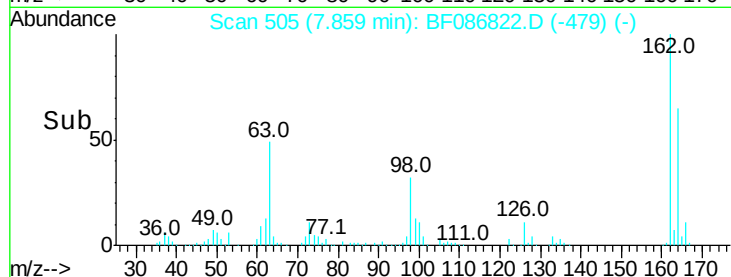
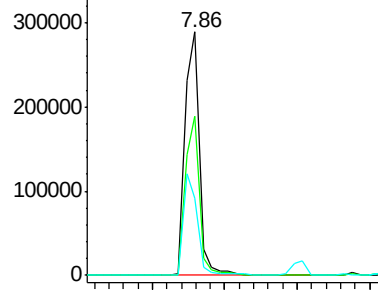
Tot Ion:	162	Resp:	396476
Ion Ratio	Lower	Upper	
162	100		
164	65.5	42.2	82.2
98	31.7	19.0	59.0

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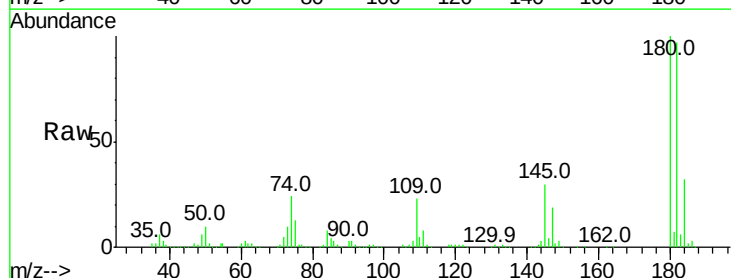


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

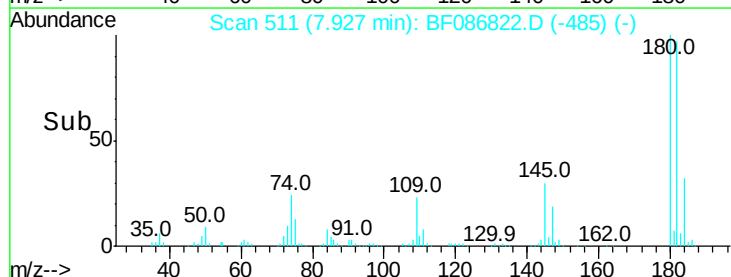
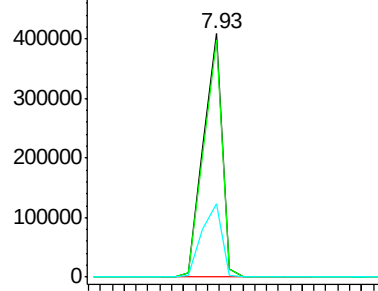


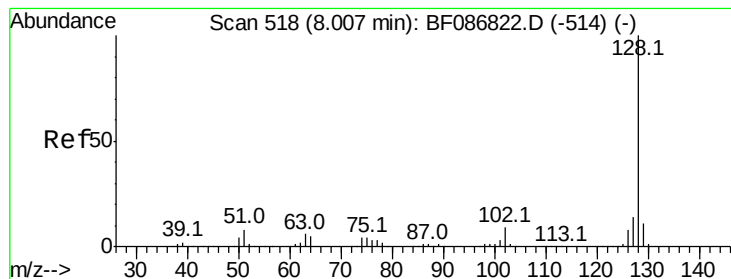
#30
 1,2,4-Trichlorobenzene
 Concen: 39.89 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Tgt Ion:	180	Resp:	444116
Ion Ratio	Lower	Upper	
180	100		
182	97.5	78.0	117.0
145	30.3	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: 38.77 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1455462

Ion Ratio Lower Upper

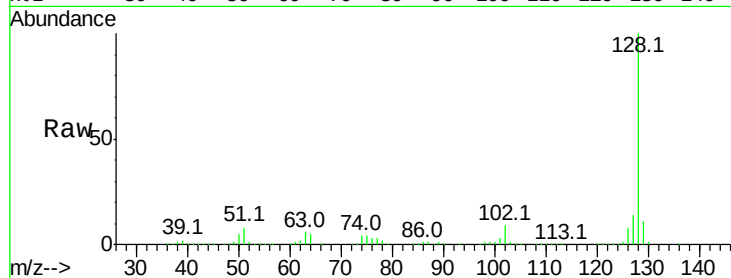
128 100

129 10.9 8.6 13.0

127 13.6 10.8 16.2

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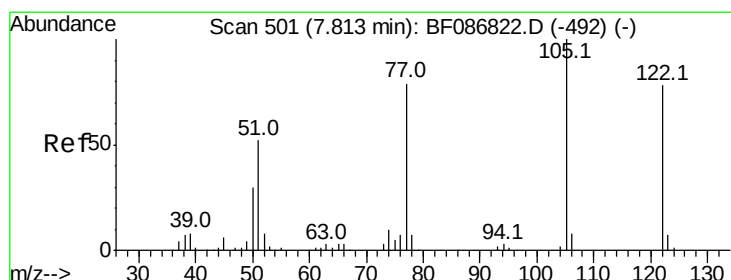
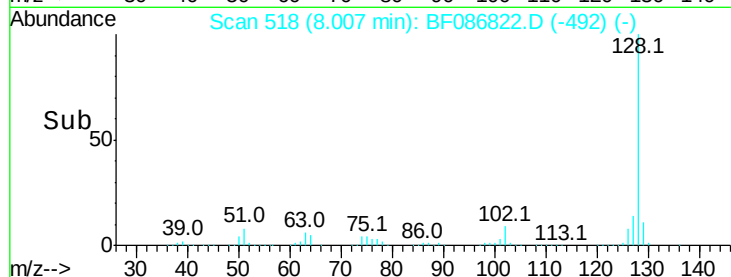
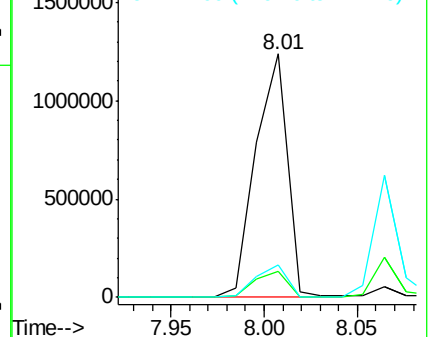
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.59 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

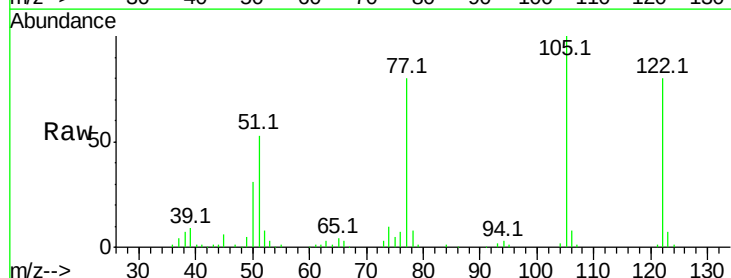
Tgt Ion:122 Resp: 263041

Ion Ratio Lower Upper

122 100

105 124.7 92.6 132.6

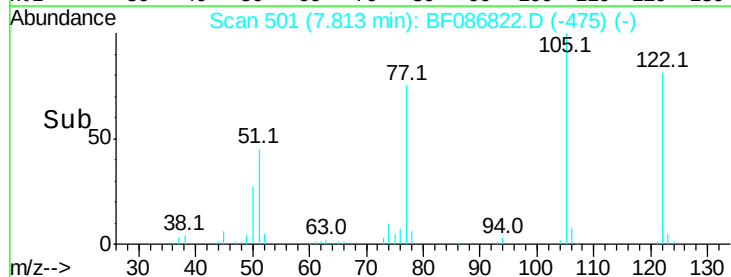
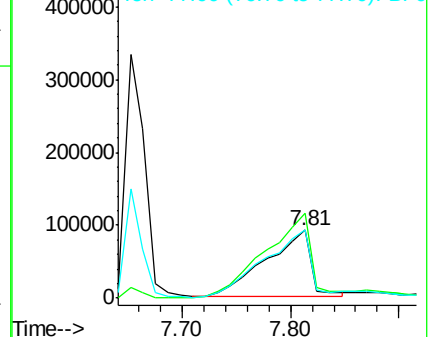
77 99.7 60.0 100.0

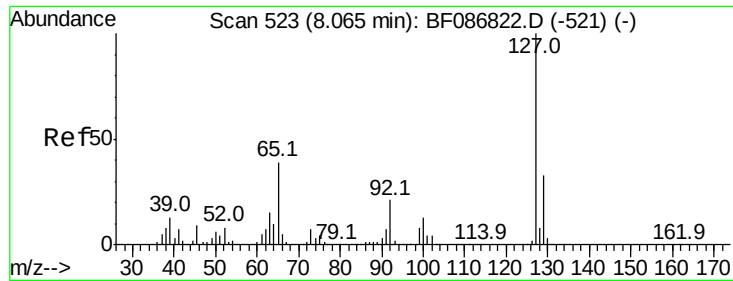


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





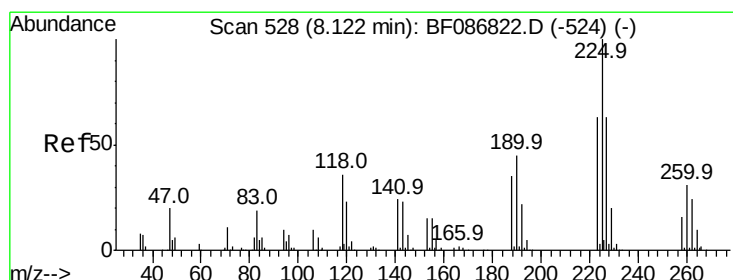
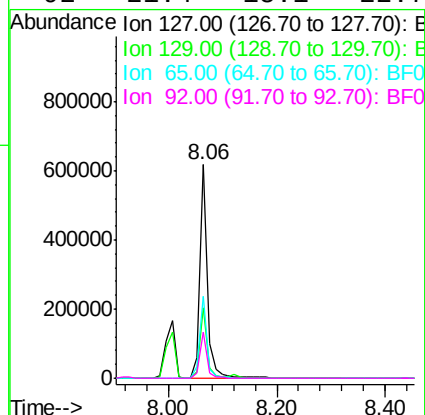
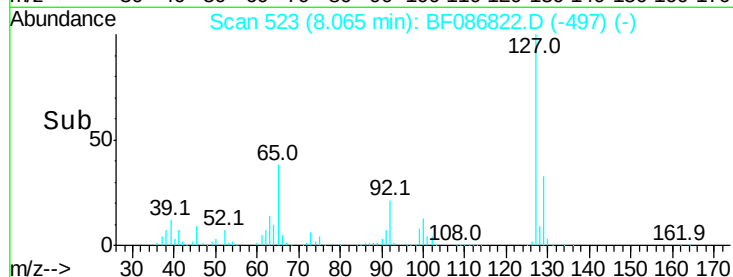
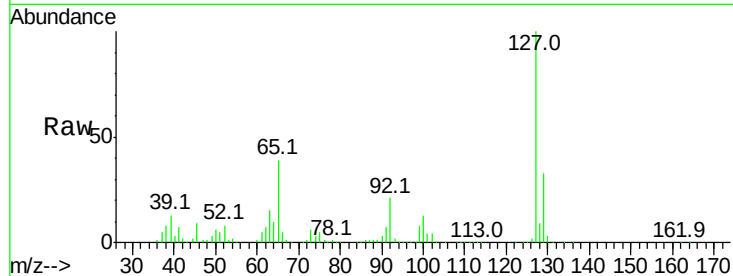
#33
4-Chloroaniline
Concen: 41.38 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.2	39.4		
65	38.7	23.0	34.4		
92	21.4	15.1	22.7		

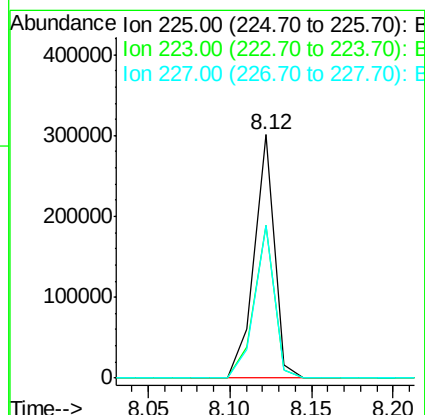
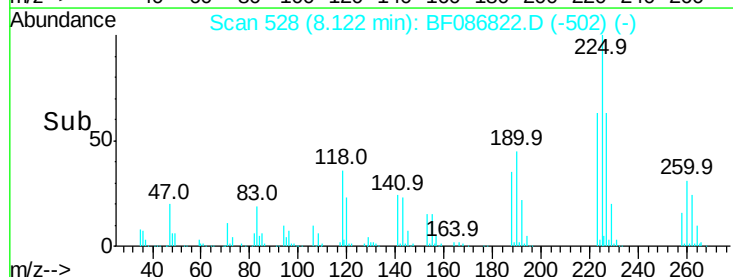
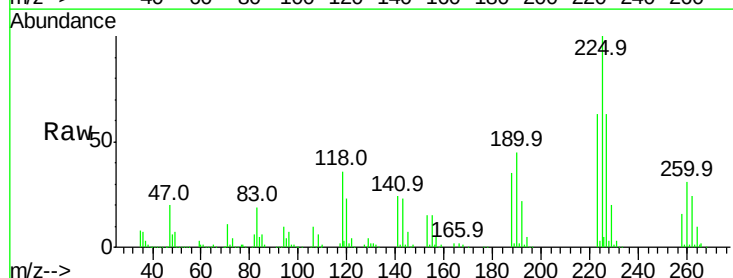
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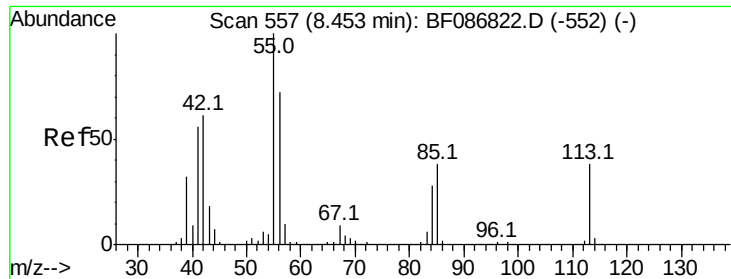
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#34
Hexachlorobutadiene
Concen: 41.61 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

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





#35

Caprolactam

Concen: 40.04 ng

RT: 8.45 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:113 Resp: 128188

Ion Ratio Lower Upper

113 100

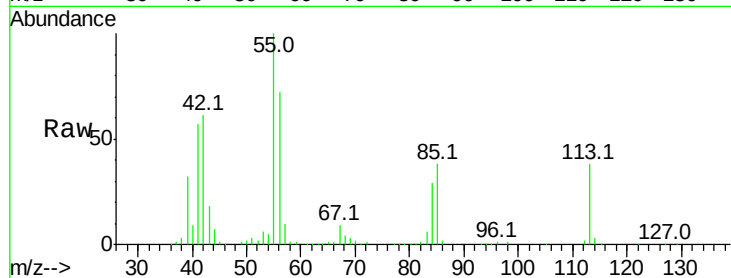
55 265.2 162.0 202.0#

56 190.6 115.3 155.3#

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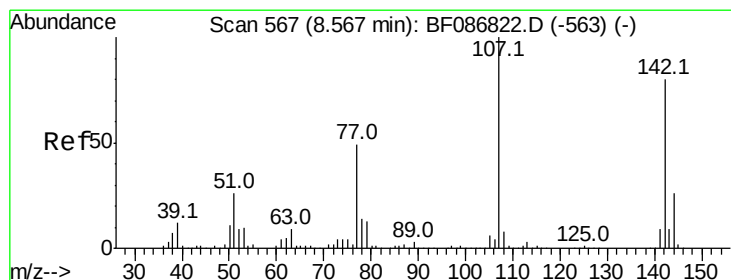
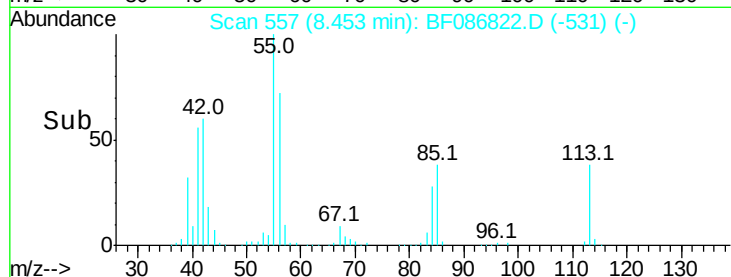
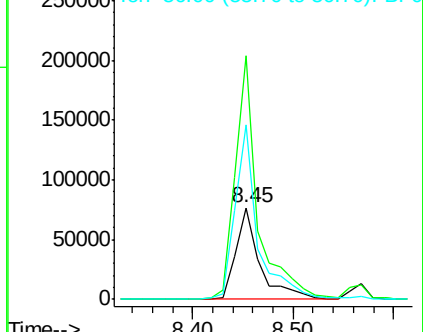
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.91 ng

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

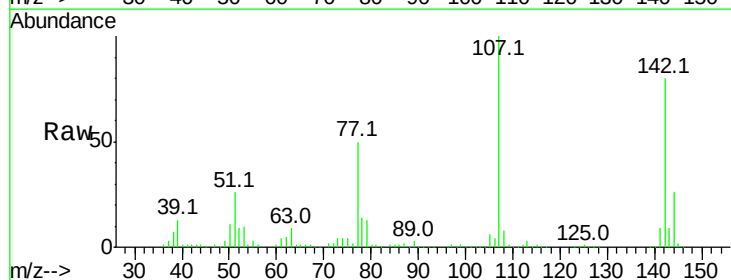
Tgt Ion:107 Resp: 482524

Ion Ratio Lower Upper

107 100

144 26.4 20.7 31.1

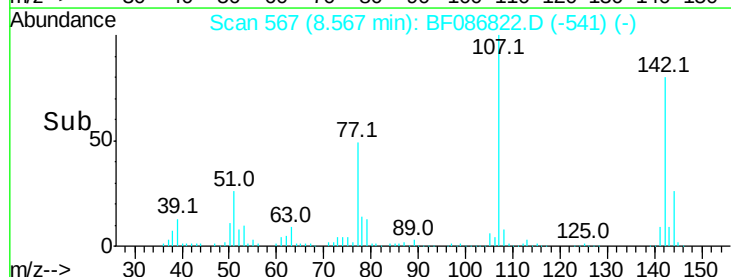
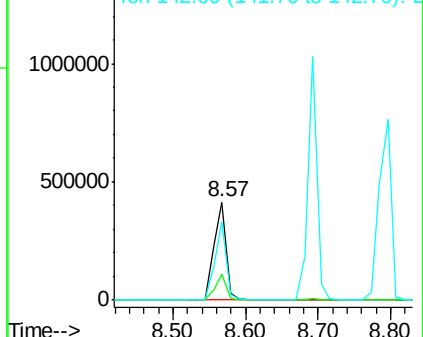
142 79.8 63.2 94.8

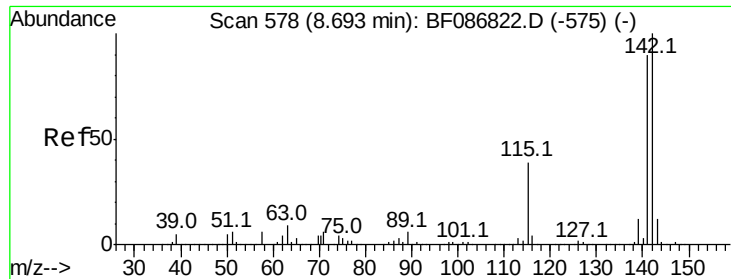


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





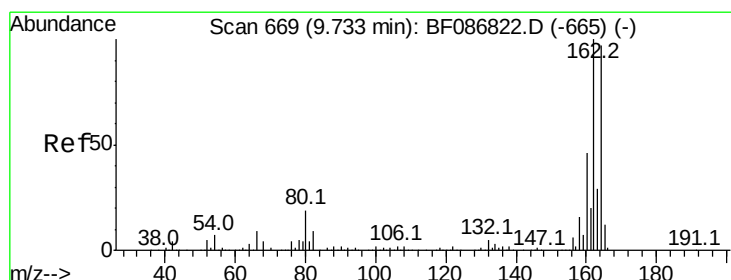
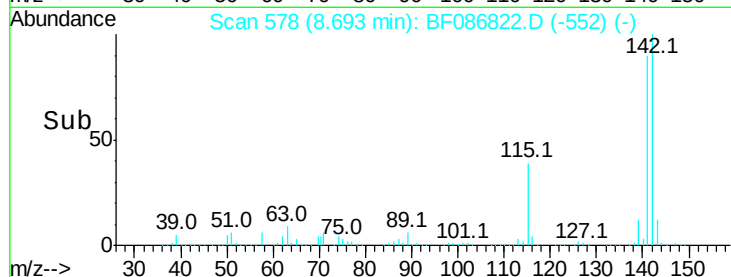
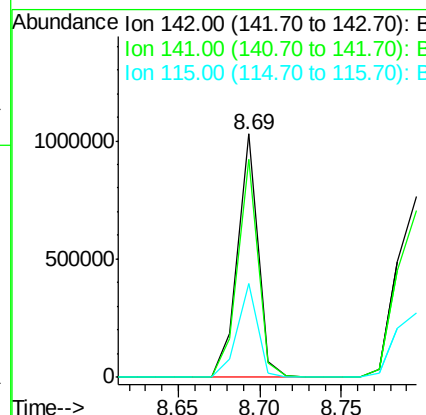
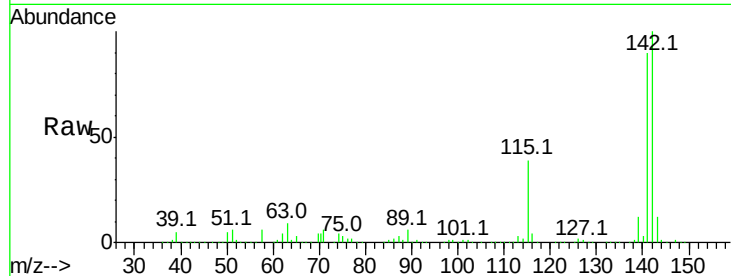
#37
2-Methylnaphthalene
Concen: 40.03 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	886825		
141	89.6		71.0	106.6
115	38.5		26.6	39.8

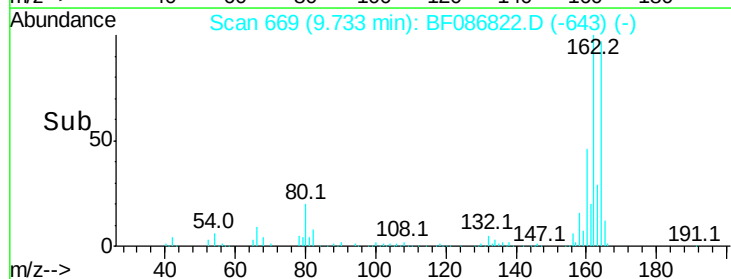
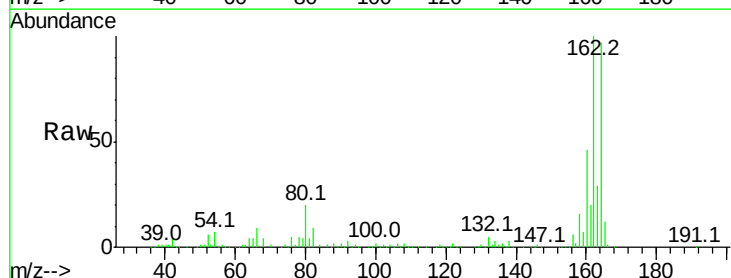
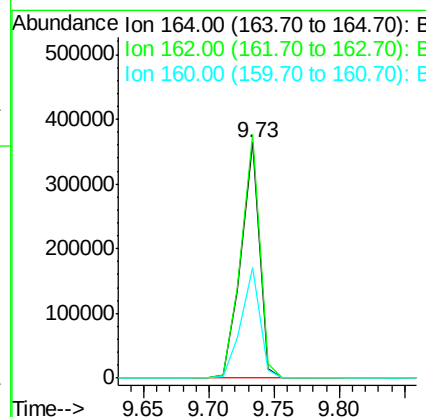
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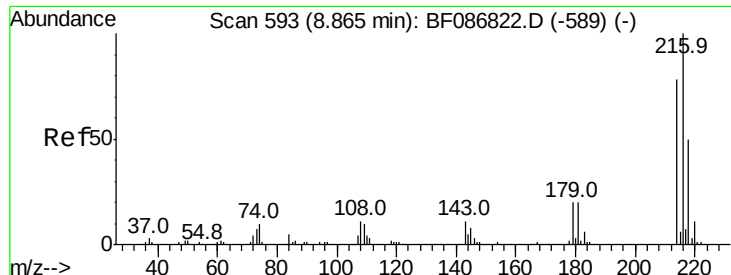
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	357787		
162	103.4		82.8	124.2
160	47.1		36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.42 ng

RT: 8.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF086822.D

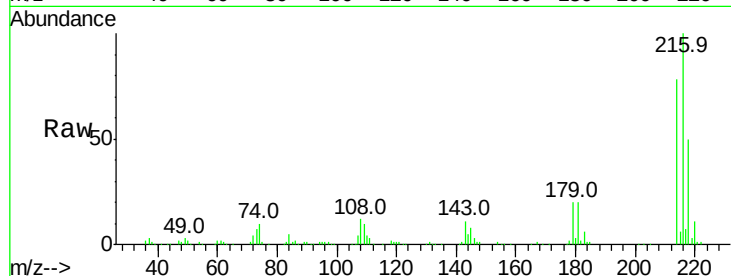
Acq: 9 May 2016 13:40

Instrument :

BNA_F

ClientSampleId :

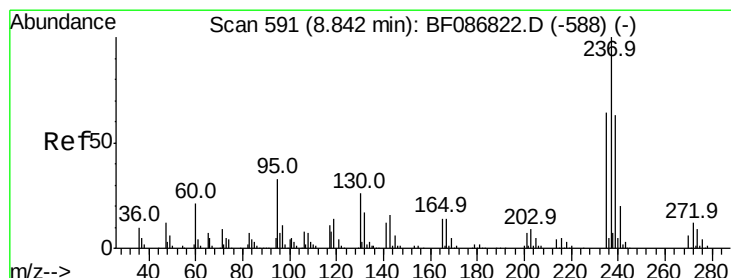
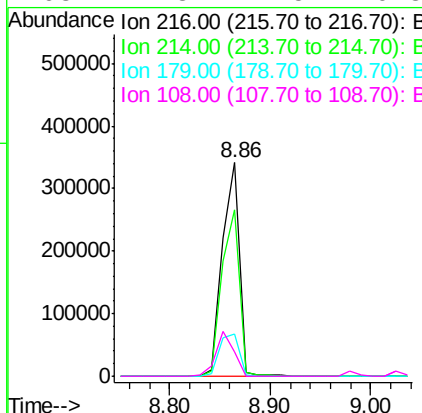
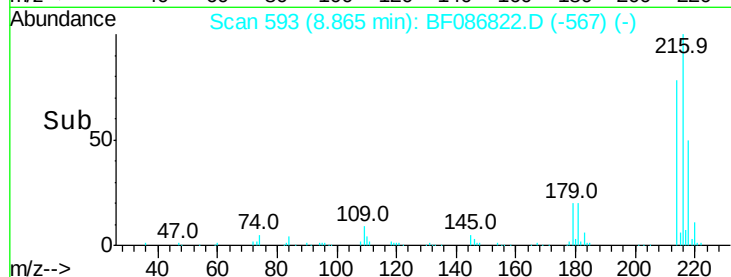
SSTDICCC040



Tot Ion	Ratio	Resp	Lower	Upper
216	100	403693		
214	79.6	62.6	93.8	
179	23.0	18.2	27.4	
108	22.3	17.5	26.3	

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#40

Hexachlorocyclopentadiene

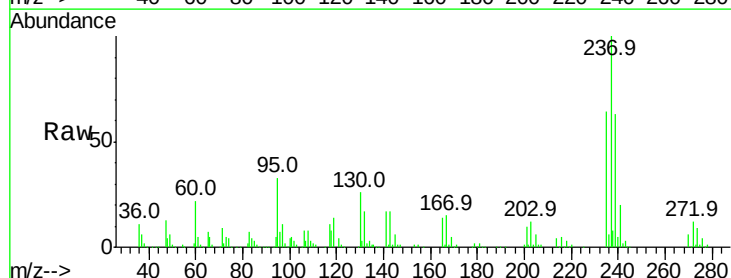
Concen: 39.48 ng

RT: 8.84 min Scan# 591

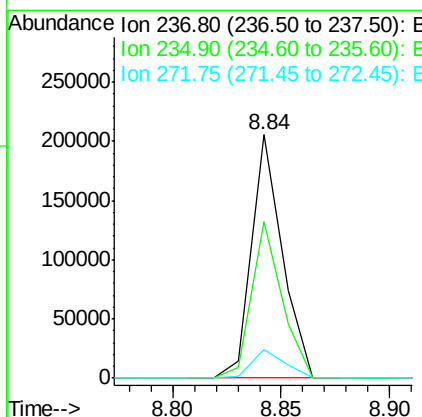
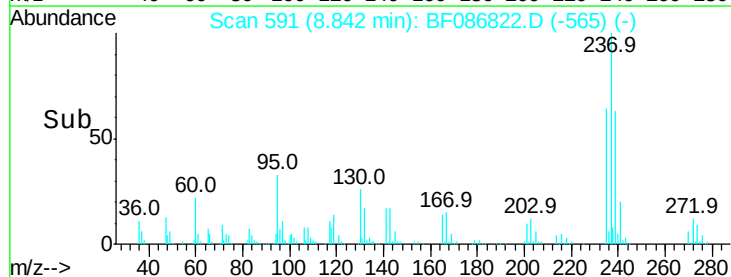
Delta R.T. 0.00 min

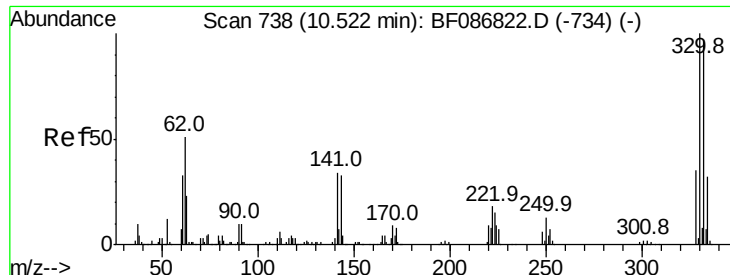
Lab File: BF086822.D

Acq: 9 May 2016 13:40



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	200938		
235	64.5	47.2	87.2	
272	11.5	0.0	31.1	





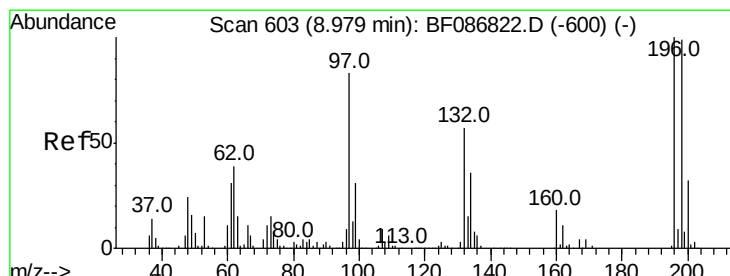
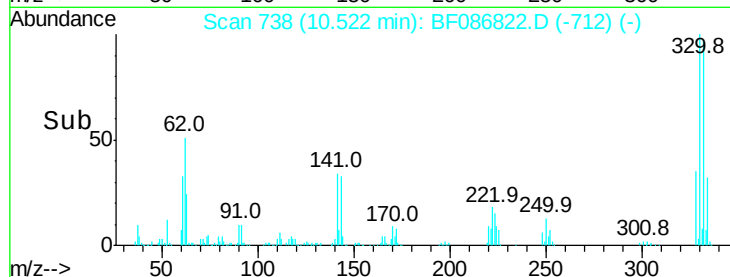
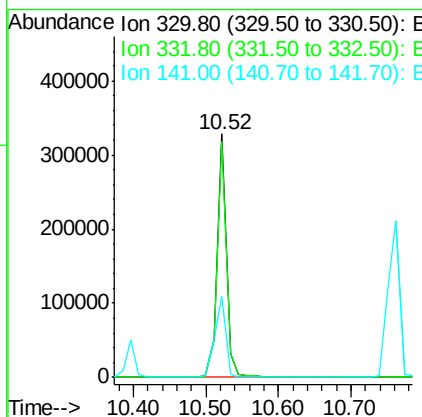
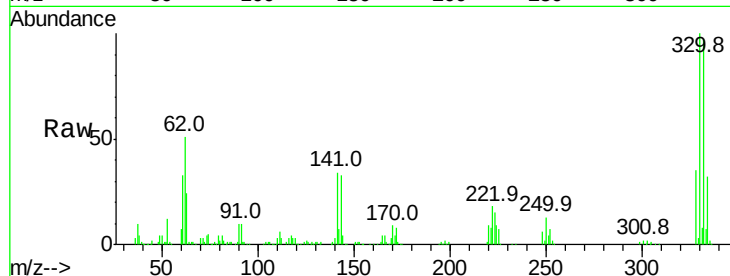
#41
 2,4,6-Tribromophenol
 Concen: 77.38 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	291974		
332	97.0	79.0	118.4	
141	40.2	31.2	46.8	

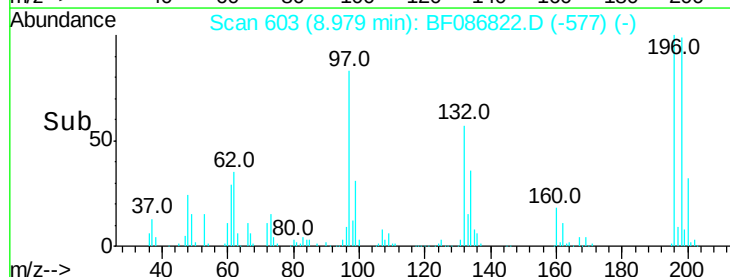
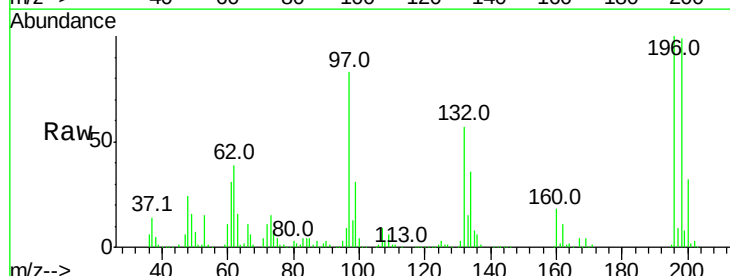
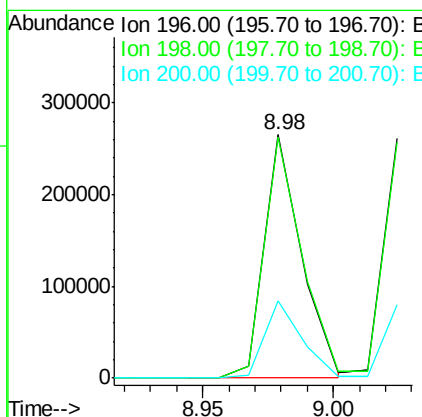
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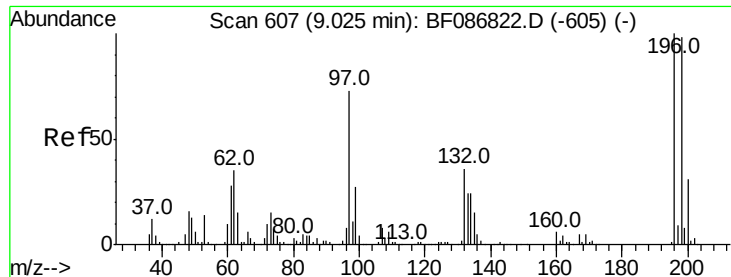
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#42
 2,4,6-Trichlorophenol
 Concen: 41.06 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265798		
198	99.1	74.7	112.1	
200	31.7	23.8	35.6	





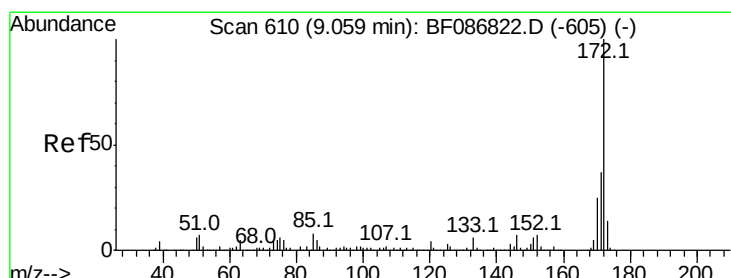
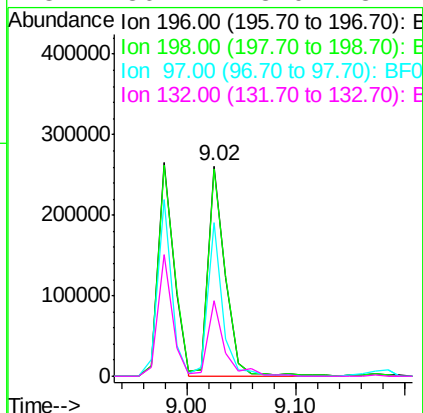
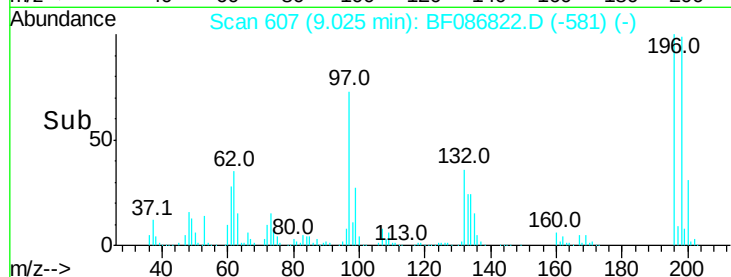
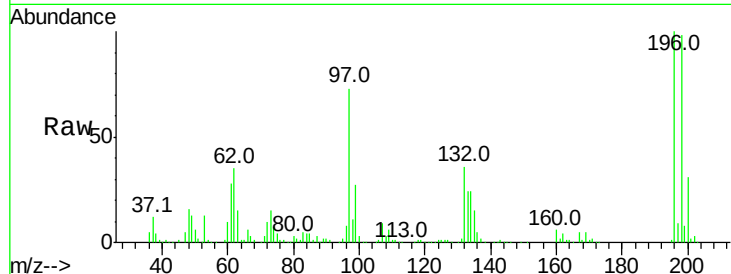
#43
 2,4,5-Trichlorophenol
 Concen: 40.59 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Manual Integrations
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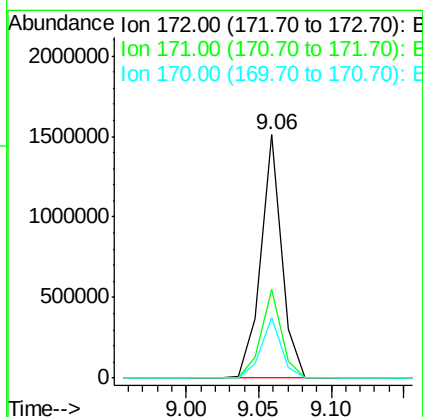
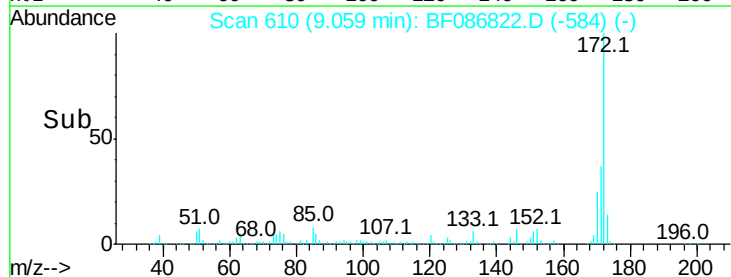
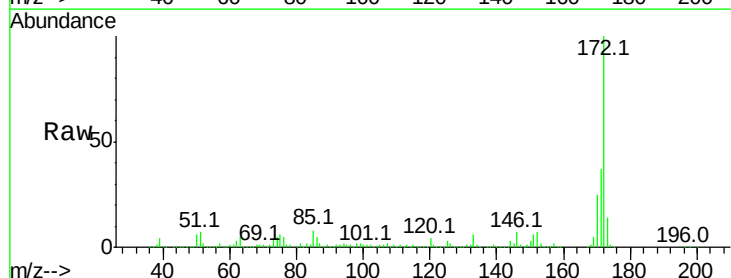
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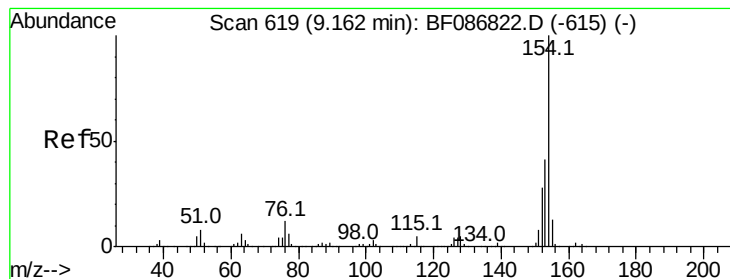
Tot Ion	196	Resp	286418
Ion Ratio	Lower	Upper	
196	100		
198	98.4	77.5	116.3
97	72.9	34.8	52.2#
132	36.1	23.0	34.4#



#44
 2-Fluorobiphenyl
 Concen: 71.47 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Tgt Ion	172	Resp	1510851
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.0	43.6
170	25.0	19.8	29.8





#45

1,1'-Biphenyl

Concen: 39.20 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1172353

Ion Ratio Lower Upper

154 100

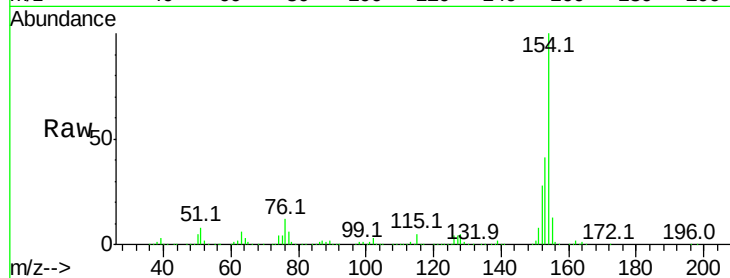
153 41.1 20.3 60.3

76 12.2 0.0 30.2

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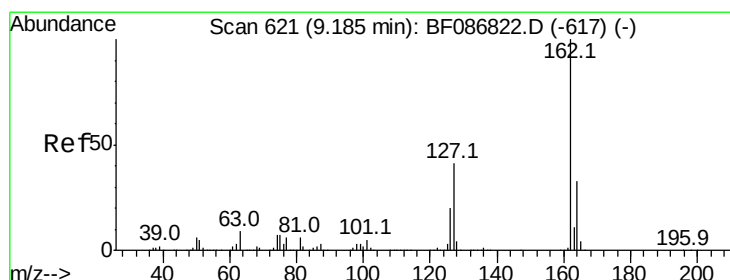
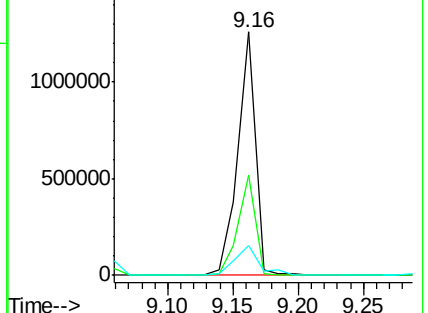
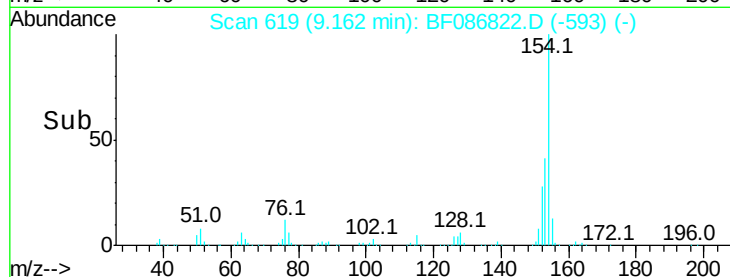
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 40.39 ng

RT: 9.18 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

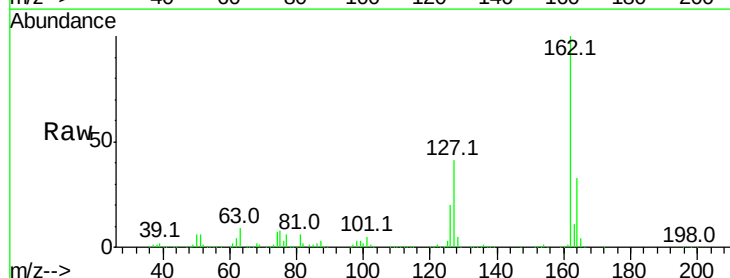
Tgt Ion:162 Resp: 918375

Ion Ratio Lower Upper

162 100

127 41.1 31.8 47.6

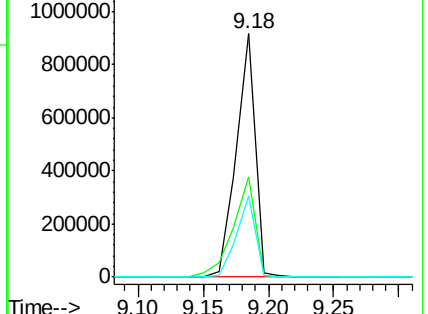
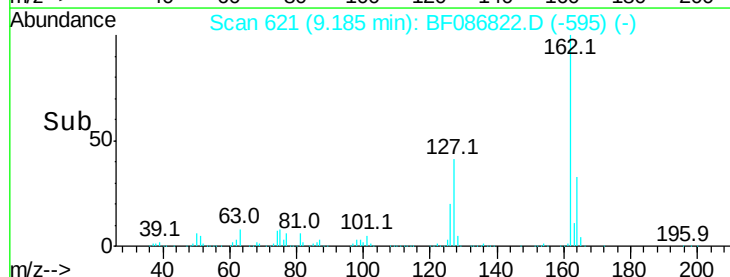
164 33.1 27.0 40.6

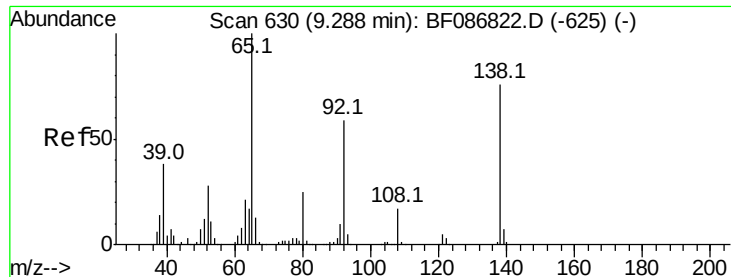


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.16 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 65 Resp: 307389

Ion Ratio Lower Upper

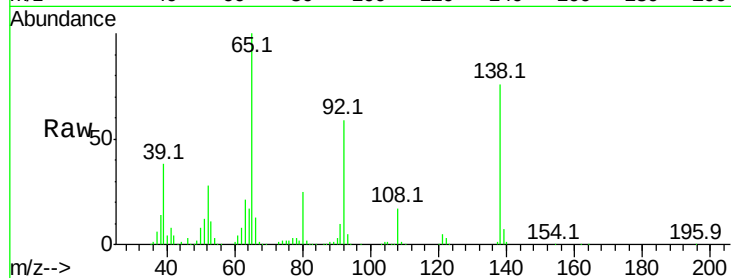
65 100

92 58.7 57.4 86.2

138 76.0 90.1 135.1#

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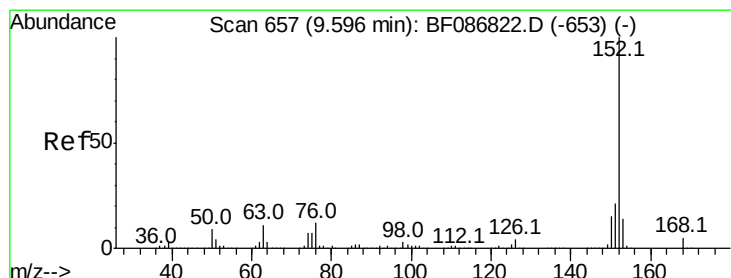
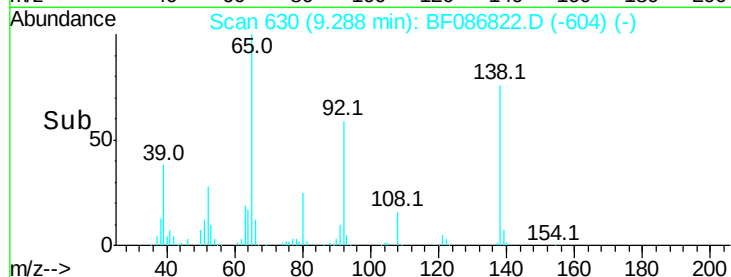
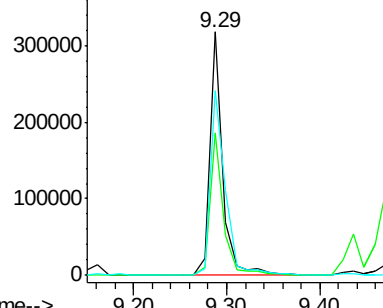
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Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.35 ng

RT: 9.60 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

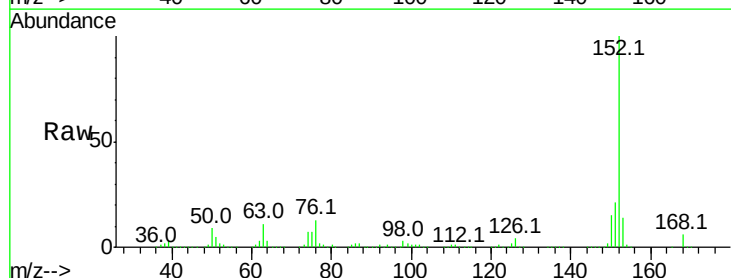
Tgt Ion:152 Resp: 1363209

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

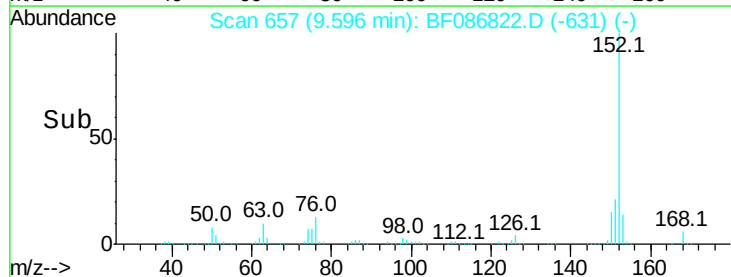
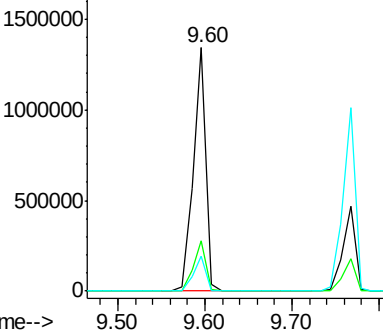
153 14.3 10.9 16.3

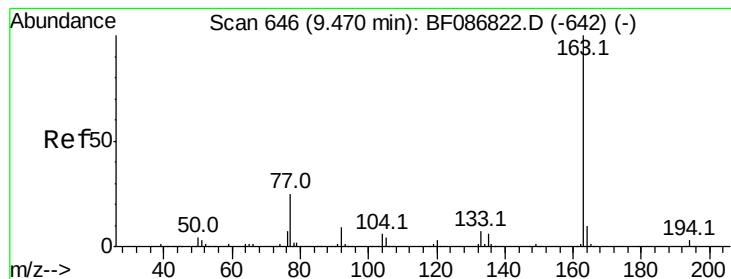


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 37.63 ng

RT: 9.47 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:163 Resp: 1013563

Ion Ratio Lower Upper

163 100

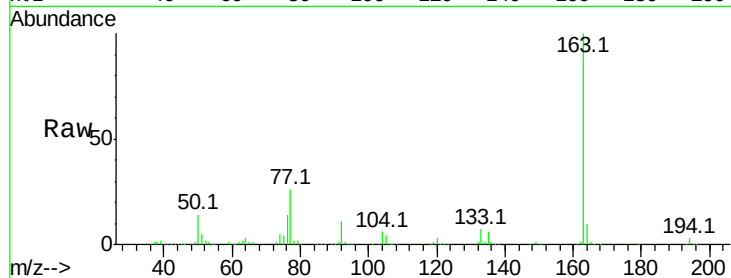
194 3.2 2.6 4.0

164 10.5 8.2 12.4

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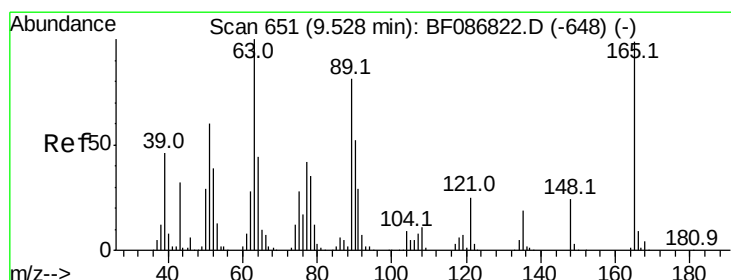
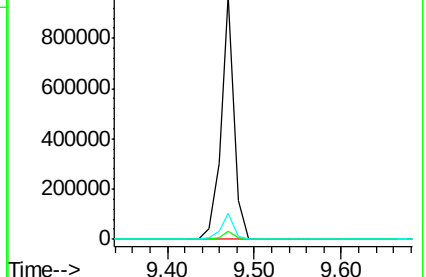
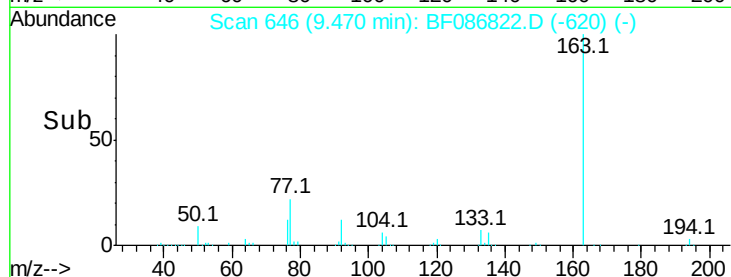
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.81 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

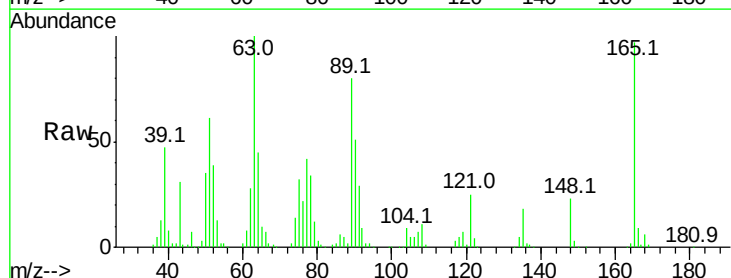
Tgt Ion:165 Resp: 215961

Ion Ratio Lower Upper

165 100

63 102.6 51.8 77.8#

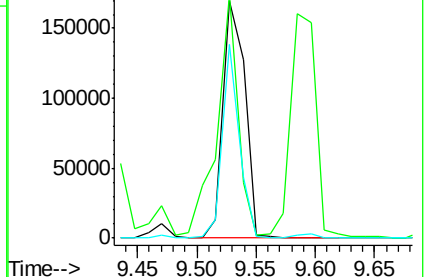
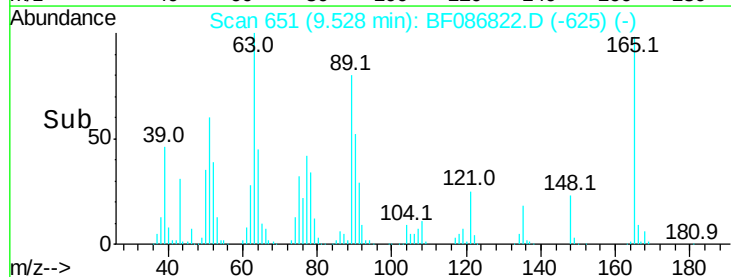
89 81.8 50.7 76.1#

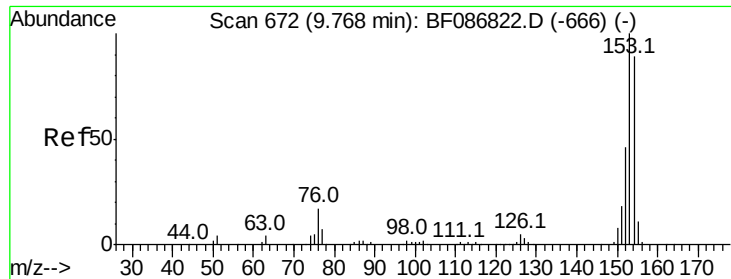


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.98 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

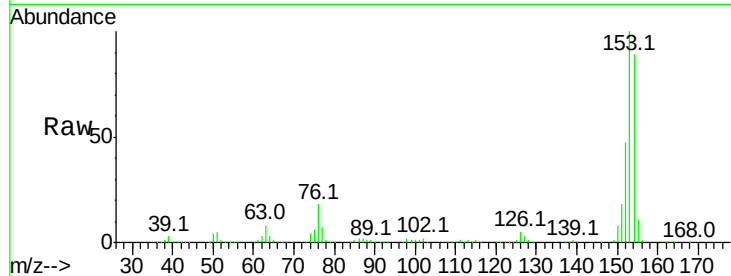
ClientSampled :

SSTDICCC040

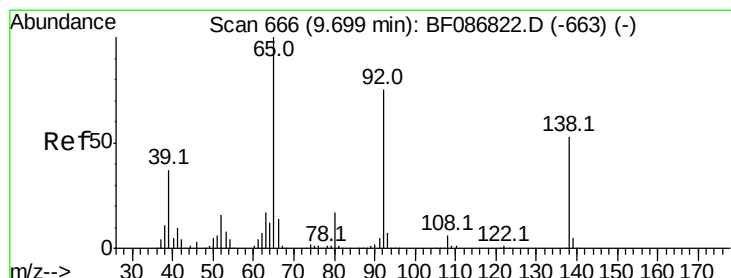
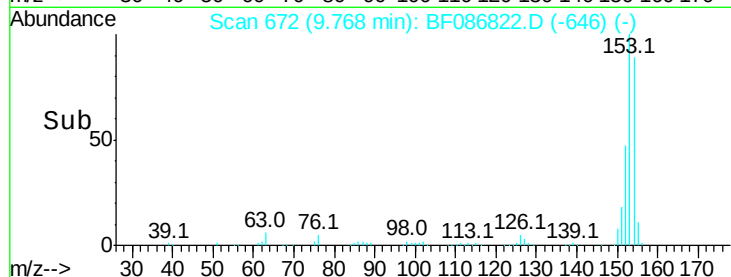
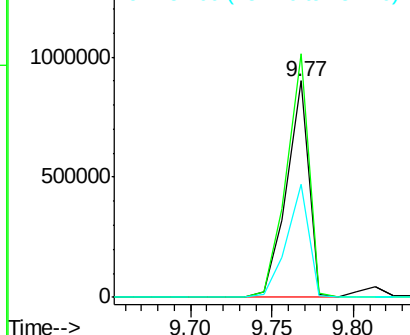
Tot Ion:	154	Resp:	867006
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.8	134.6
152	52.3	43.4	65.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.22 ng

RT: 9.70 min Scan# 666

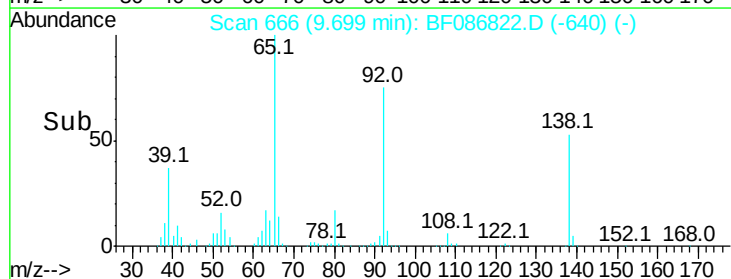
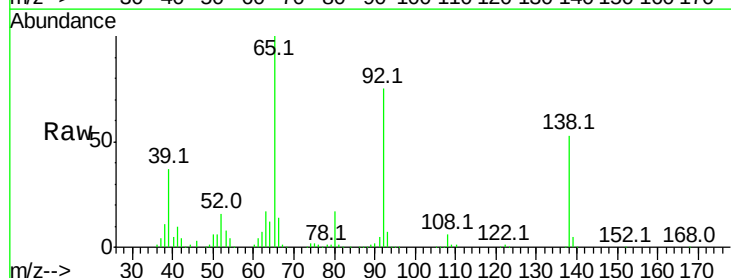
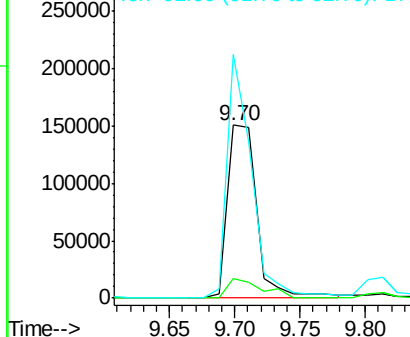
Delta R.T. 0.00 min

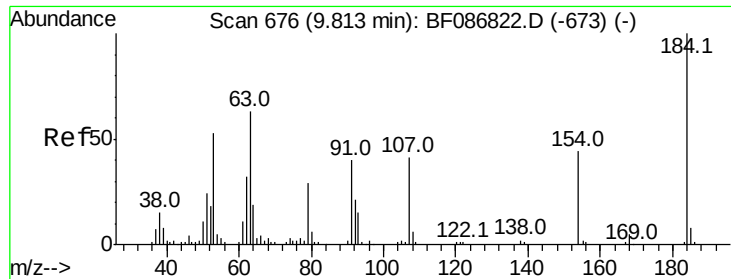
Lab File: BF086822.D

Acq: 9 May 2016 13:40

Tgt Ion:	138	Resp:	235540
Ion Ratio	Lower	Upper	
138	100		
108	11.5	7.8	11.6
92	140.6	87.8	131.8#

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





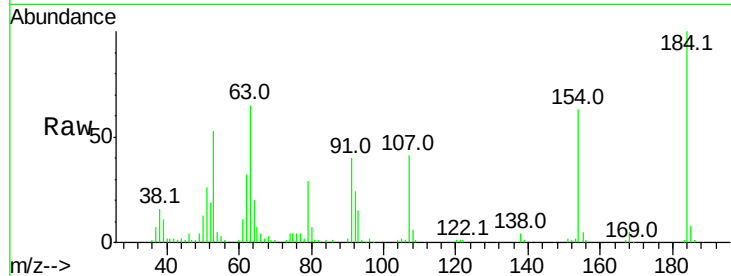
#53
 2,4-Dinitrophenol
 Concen: 39.19 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

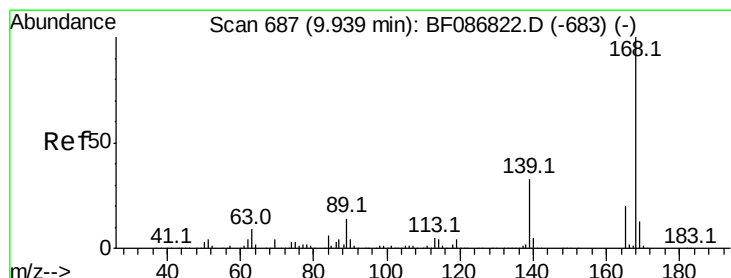
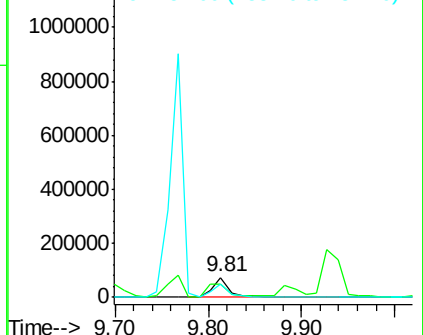
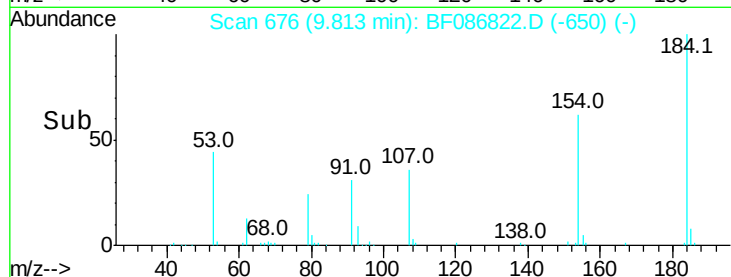
Tot Ion	Ratio	Lower	Upper
184	100		
63	65.4	55.8	83.8
154	62.7	62.4	93.6

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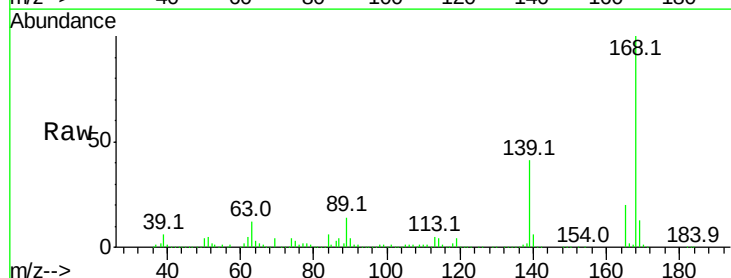


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

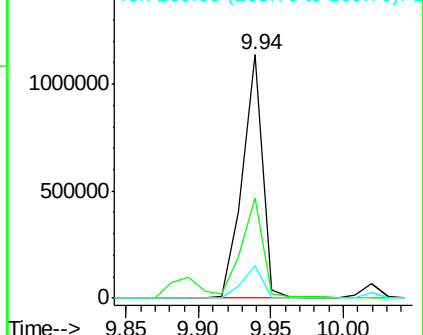
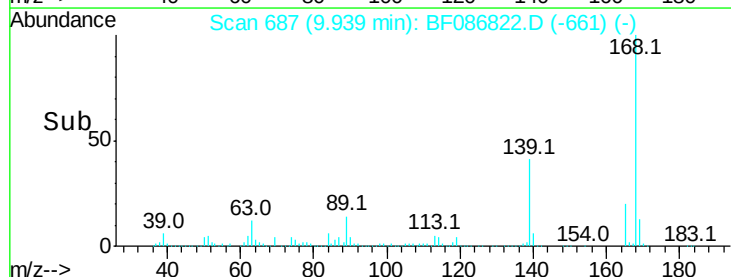


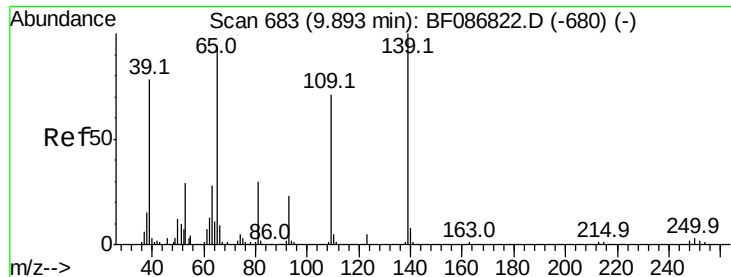
#54
 Dibenzofuran
 Concen: 38.65 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.3	31.4	47.0
169	13.5	10.7	16.1



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 36.85 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

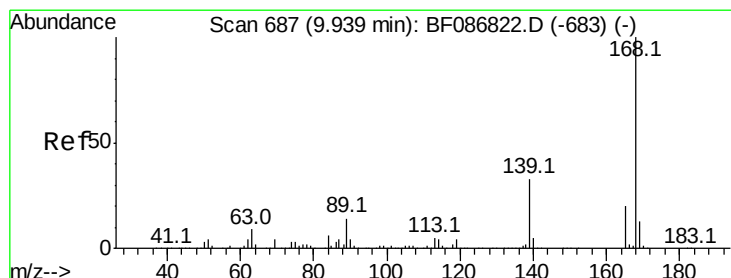
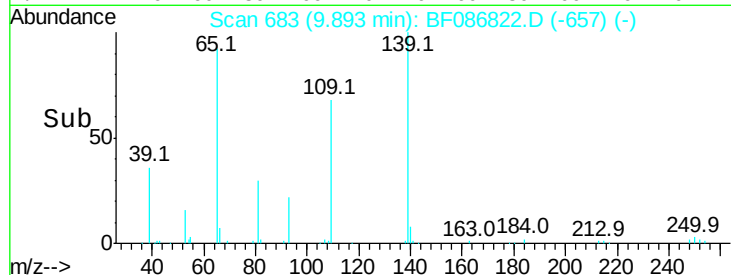
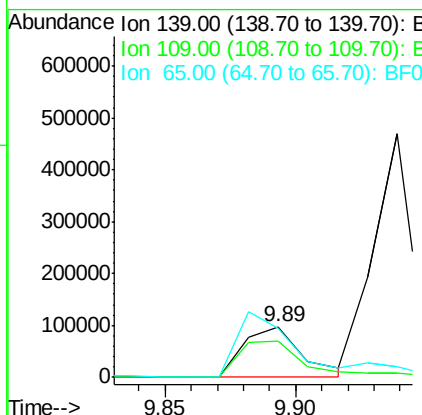
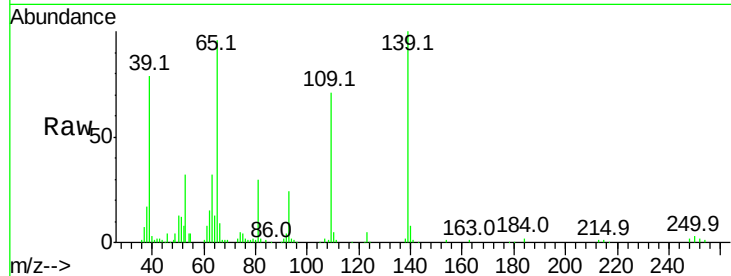
ClientSampleId :

SSTDICCC040

Tot Ion:	139	Resp:	152697
Ion Ratio	Lower	Upper	
139	100		
109	71.1	36.9	76.9
65	95.5	64.0	104.0

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#56

2,4-Dinitrotoluene

Concen: 40.25 ng

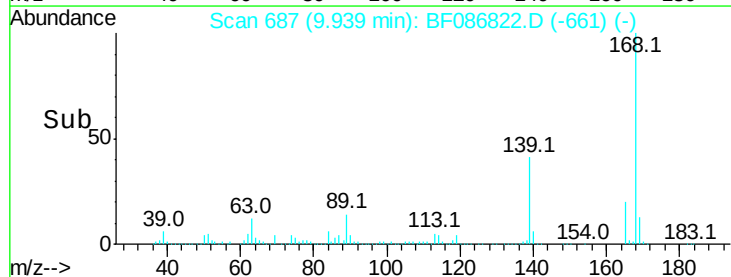
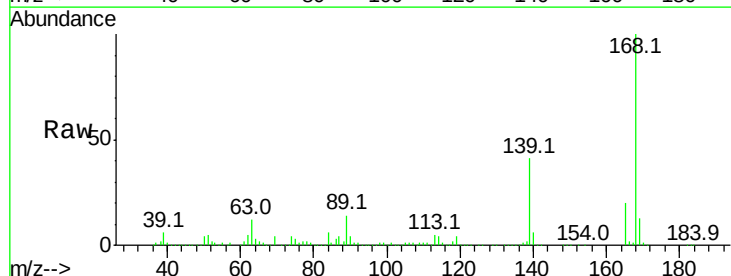
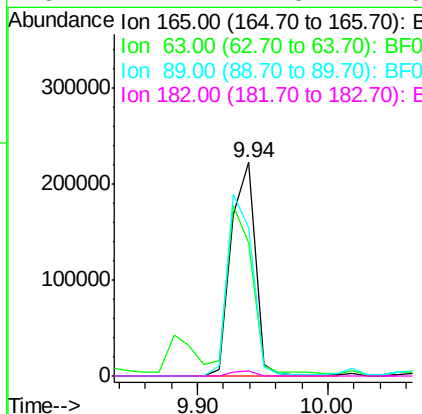
RT: 9.94 min Scan# 687

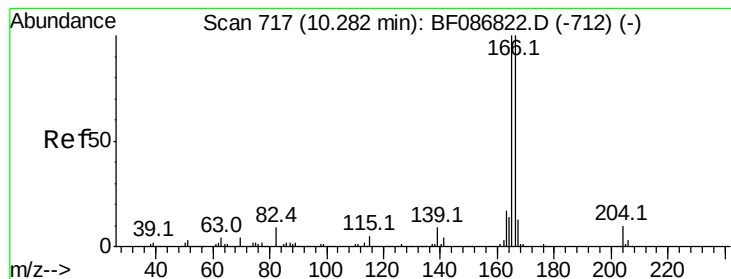
Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Tgt Ion:	165	Resp:	285536
Ion Ratio	Lower	Upper	
165	100		
63	62.5	44.3	66.5
89	69.3	70.0	105.0#
182	2.4	1.8	2.6





#57

Fluorene

Concen: 37.48 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

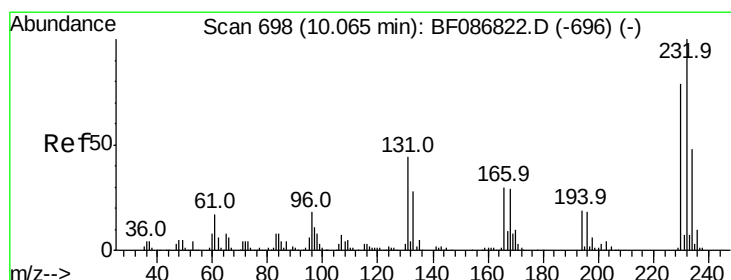
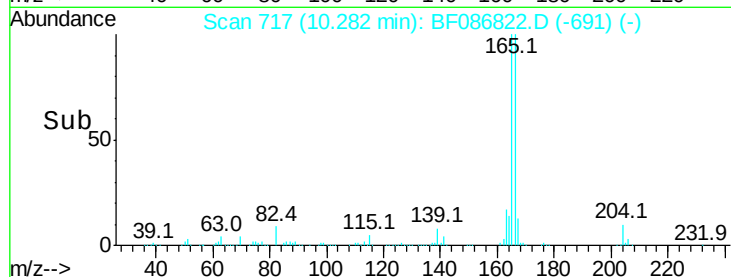
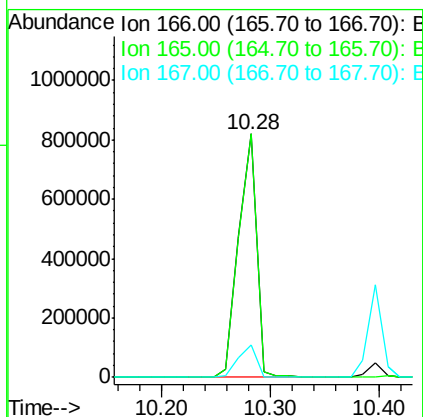
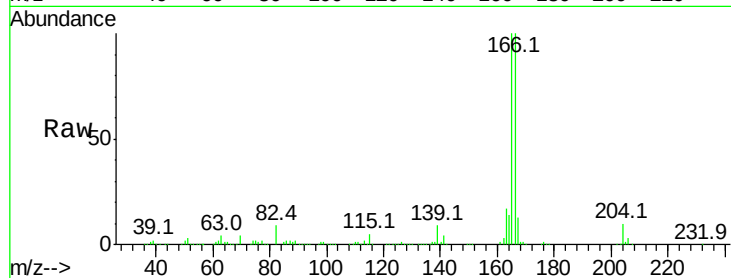
ClientSampleId :

SSTDICCC040

Tot Ion:	166	Resp:	928582
Ion Ratio	Lower	Upper	
166	100		
165	100.0	79.0	118.6
167	13.1	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.24 ng

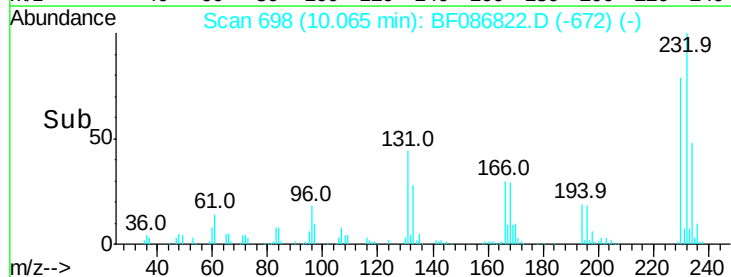
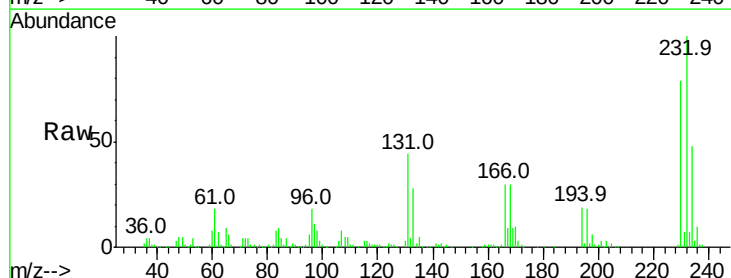
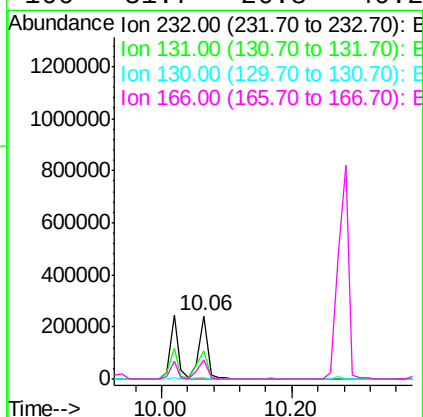
RT: 10.06 min Scan# 698

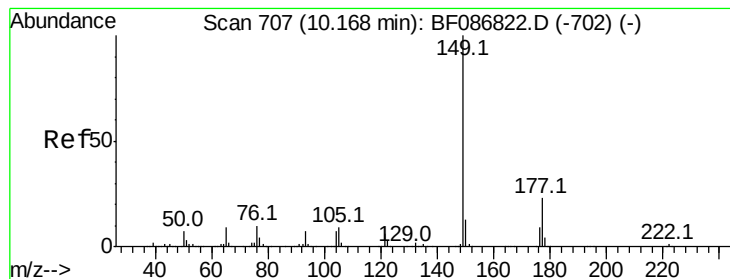
Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Tgt Ion:	232	Resp:	227481
Ion Ratio	Lower	Upper	
232	100		
131	51.8	41.9	62.9
130	2.7	2.2	3.4
166	31.7	26.8	40.2





#59

Diethylphthalate

Concen: 41.78 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1065259

Ion Ratio Lower Upper

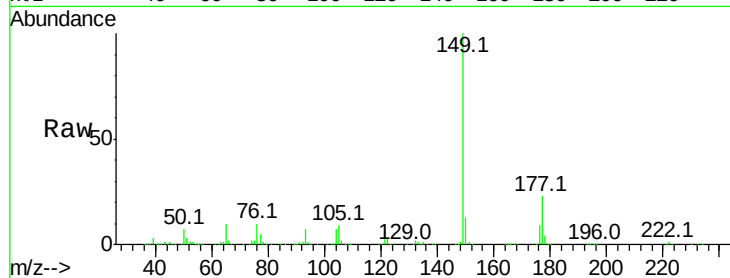
149 100

177 23.3 16.6 24.8

150 12.8 10.0 15.0

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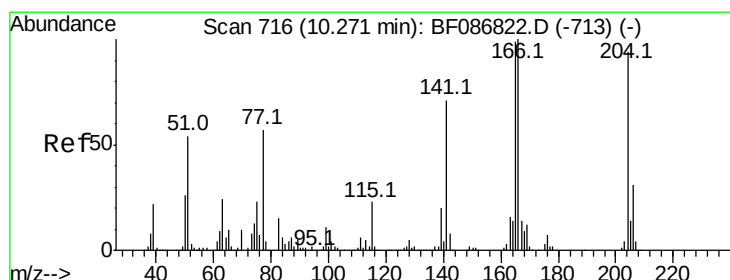
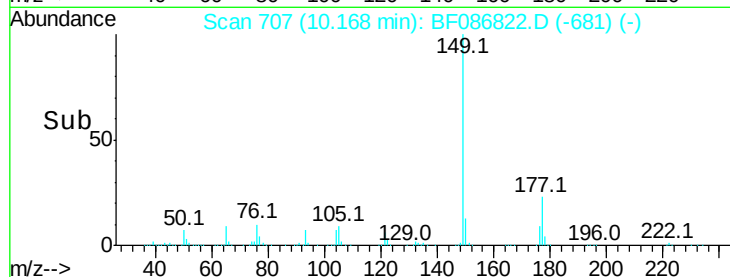
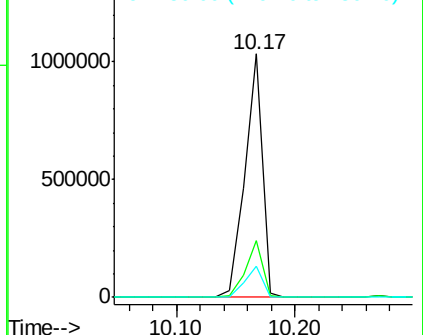
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.85 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

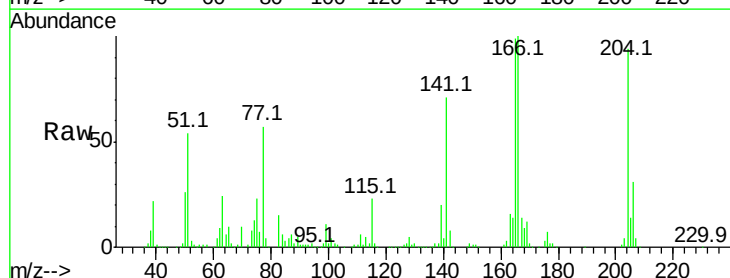
Tgt Ion:204 Resp: 391984

Ion Ratio Lower Upper

204 100

206 33.0 25.4 38.0

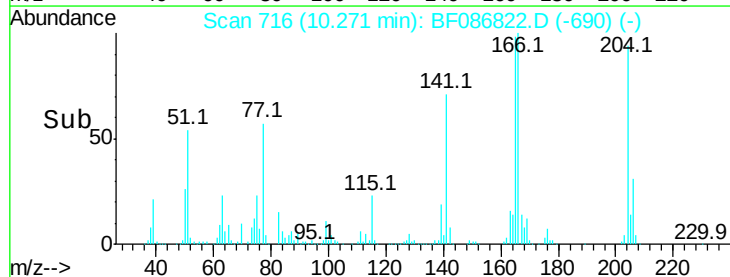
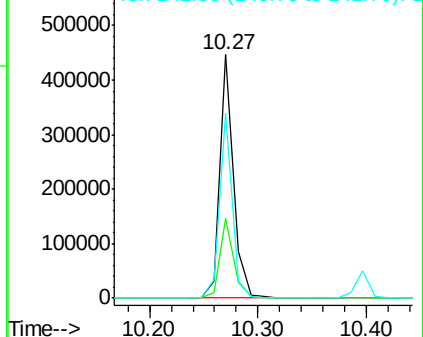
141 75.8 61.6 92.4

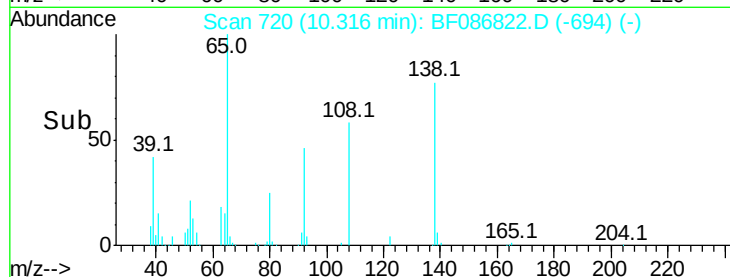
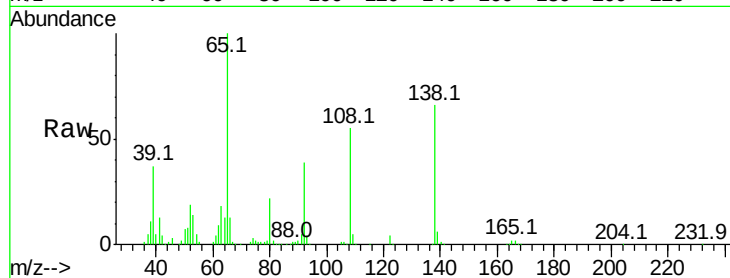
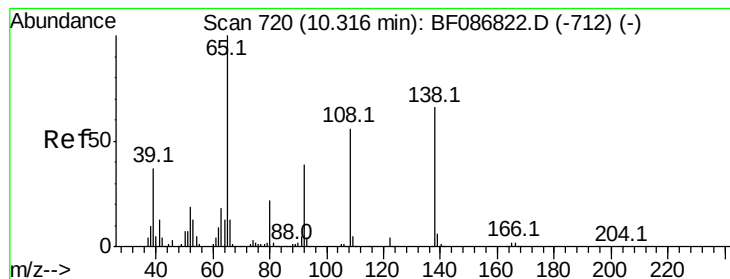


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.06 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF086822.D

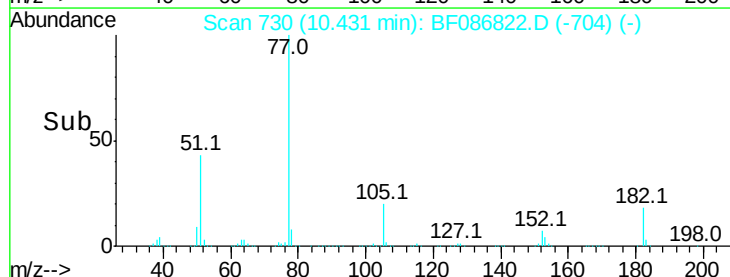
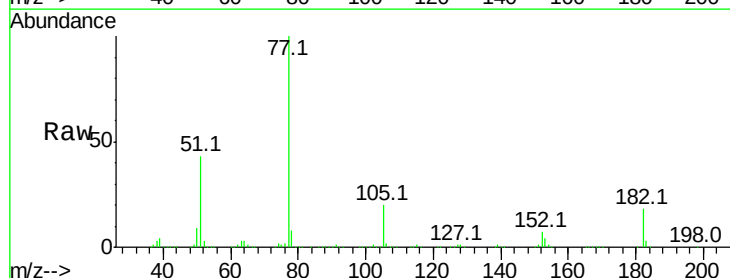
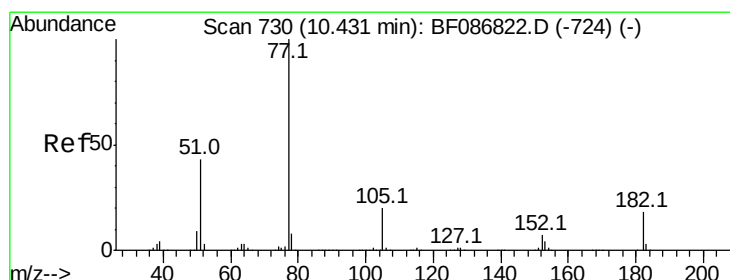
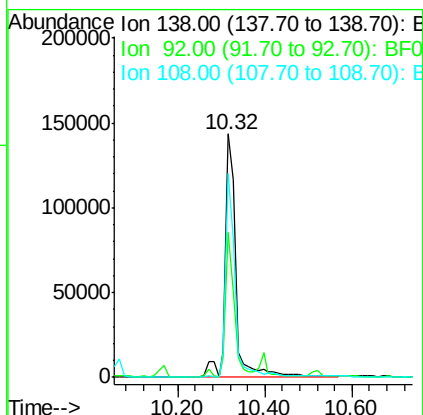
Acq: 9 May 2016 13:40

Tot Ion:	138	Resp:	247822
Ion Ratio	Lower	Upper	
138	100		
92	59.6	24.7	64.7
108	83.7	37.4	77.4#

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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#62

Azobenzene

Concen: 39.85 ng

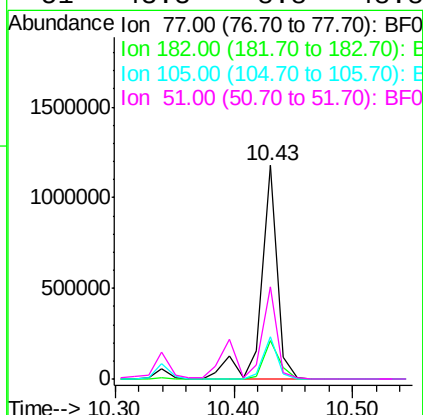
RT: 10.43 min Scan# 730

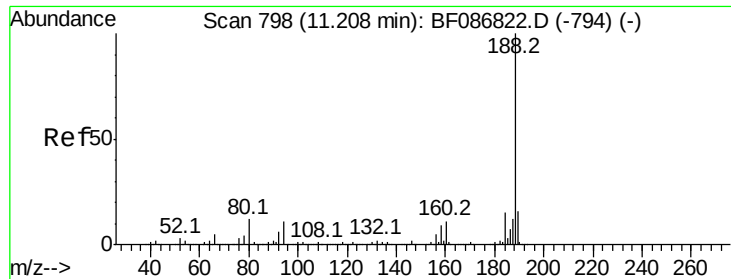
Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Tgt Ion:	77	Resp:	1112880
Ion Ratio	Lower	Upper	
77	100		
182	17.8	0.0	38.8
105	20.0	3.2	43.2
51	43.3	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

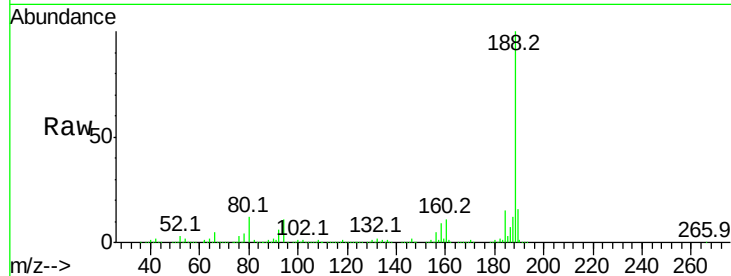
ClientSampleId :

SSTDICCC040

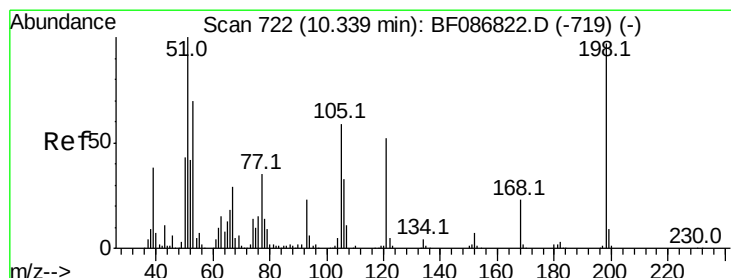
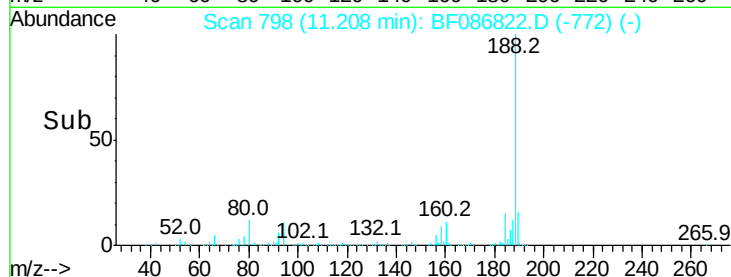
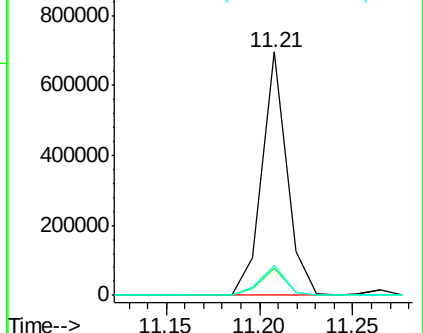
Tot Ion:	188	Resp:	641105
Ion Ratio	Lower	Upper	
188	100		
94	11.3	6.8	10.2#
80	12.0	7.1	10.7#

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 41.13 ng

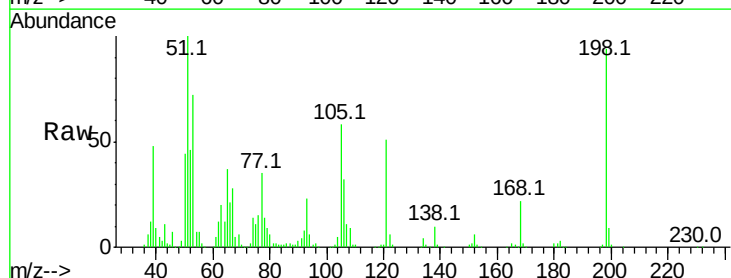
RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

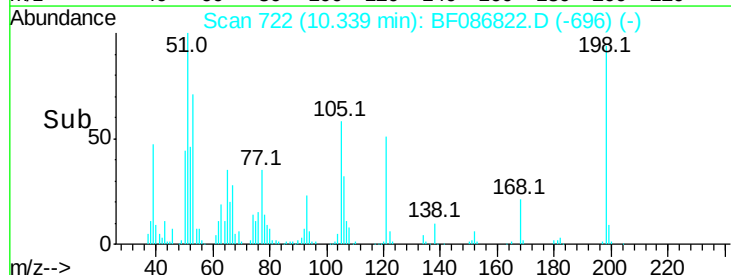
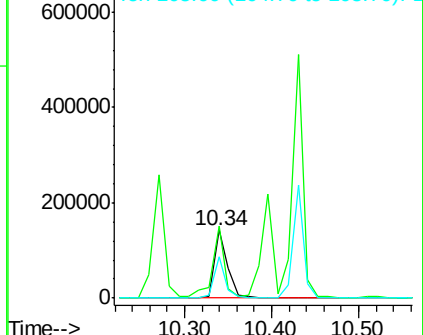
Lab File: BF086822.D

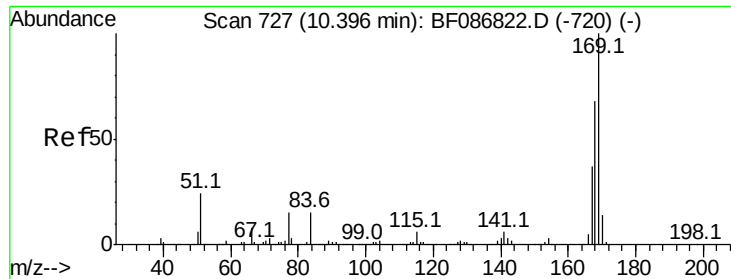
Acq: 9 May 2016 13:40

Tgt Ion:	198	Resp:	154811
Ion Ratio	Lower	Upper	
198	100		
51	106.5	20.5	60.5#
105	61.6	24.5	64.5



Abundance Ion 198.00 (197.70 to 198.70): E





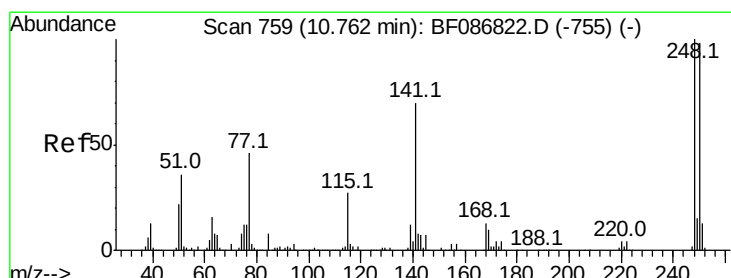
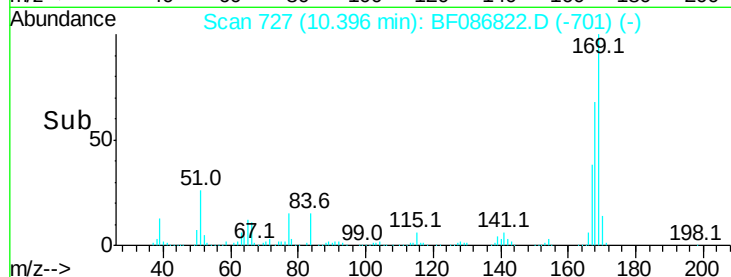
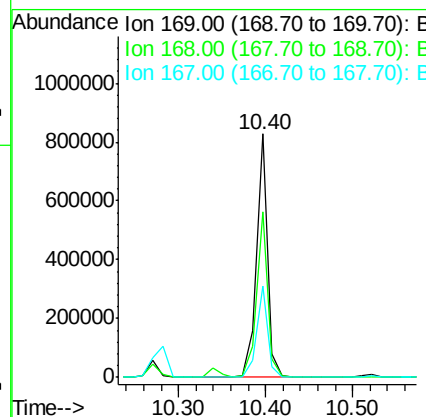
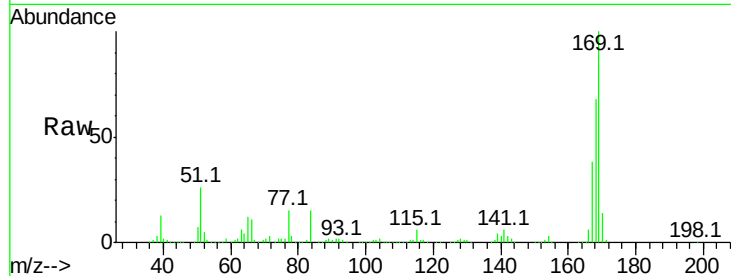
#65
n-Nitrosodiphenylamine
Concen: 37.40 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	749378		
168	67.8		53.8	80.6
167	37.5		29.5	44.3

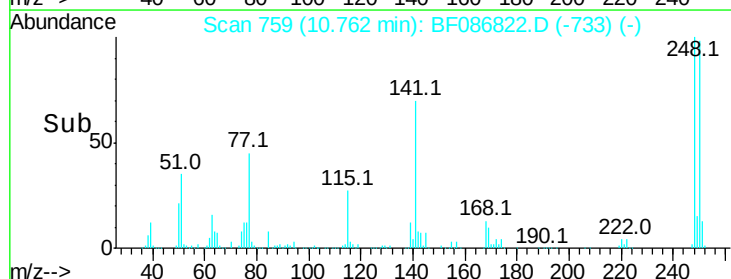
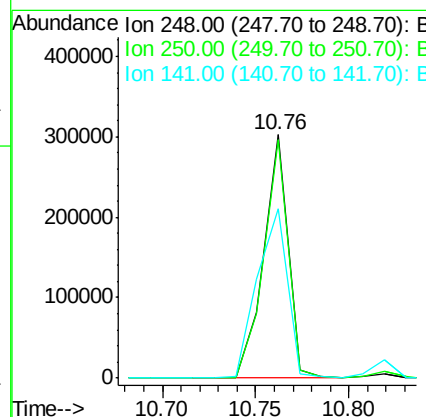
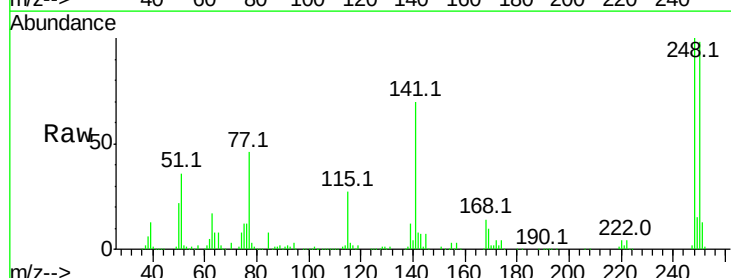
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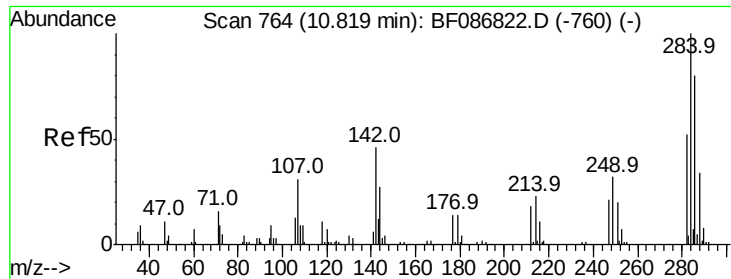
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#66
4-Bromophenyl-phenylether
Concen: 41.50 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	274143		
250	98.2		78.6	117.8
141	69.7		76.0	114.0





#67

Hexachlorobenzene

Concen: 36.15 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

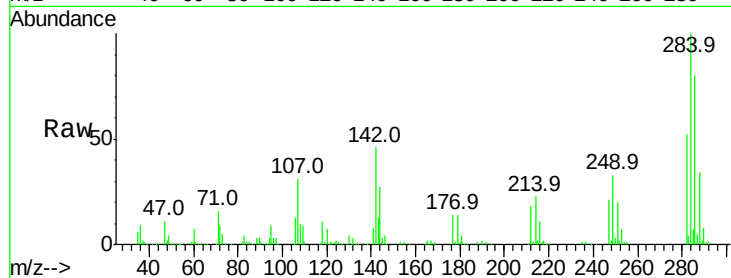
ClientSampleId :

SSTDICCC040

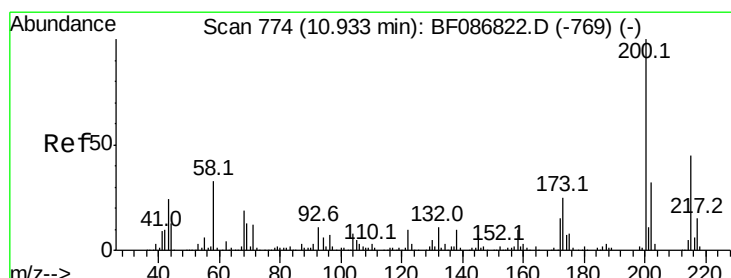
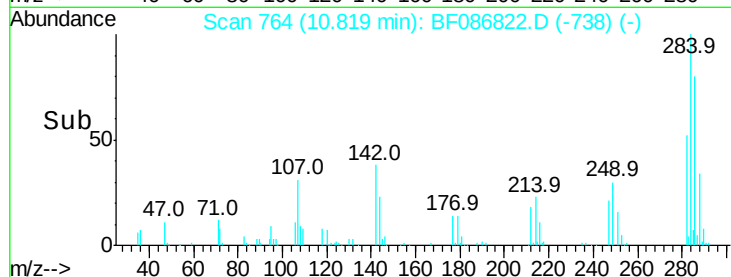
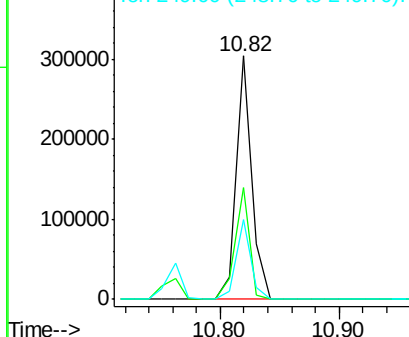
Tot Ion:	284	Resp:	276398
Ion Ratio	Lower	Upper	
284	100		
142	45.8	16.7	25.1#
249	32.7	21.3	31.9#

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



#68

Atrazine

Concen: 47.35 ng

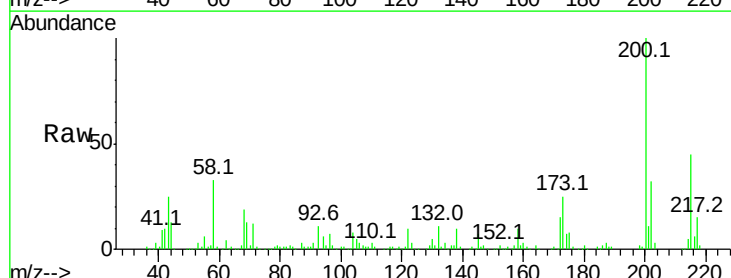
RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

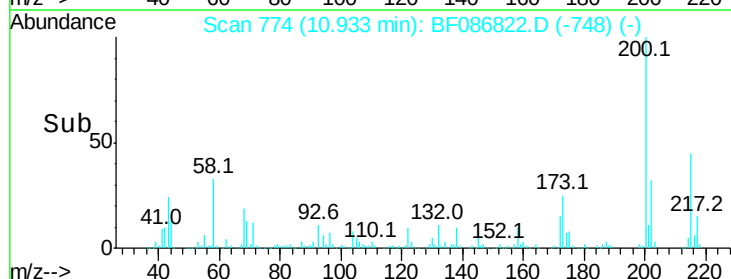
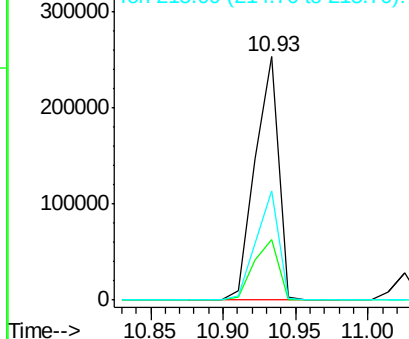
Lab File: BF086822.D

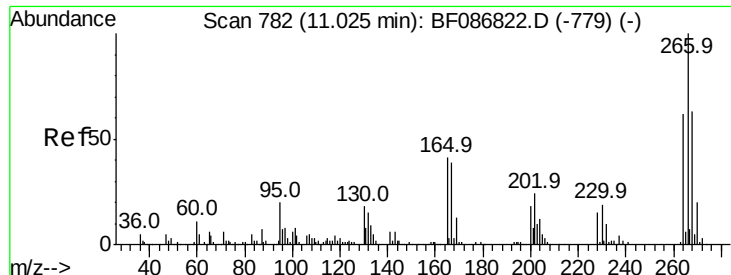
Acq: 9 May 2016 13:40

Tgt Ion:	200	Resp:	284873
Ion Ratio	Lower	Upper	
200	100		
173	25.0	8.5	48.5
215	45.1	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





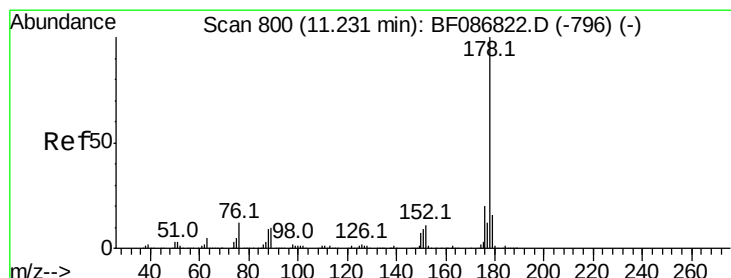
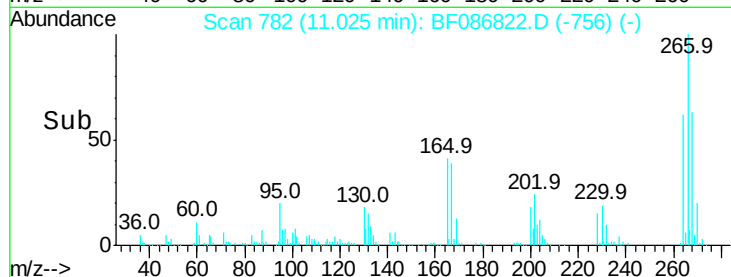
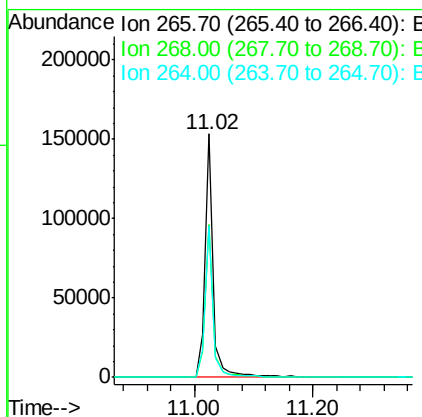
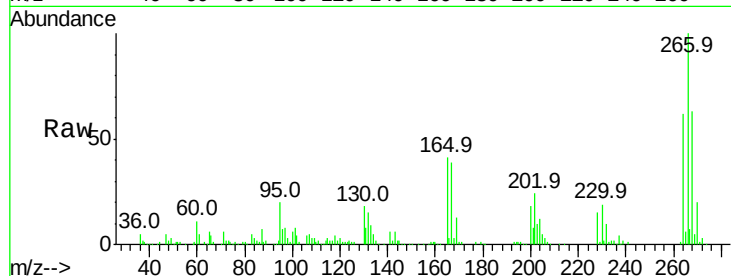
#69
 Pentachlorophenol
 Concen: 38.03 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	153336		
268	62.6	51.5	77.3	
264	62.0	52.9	79.3	

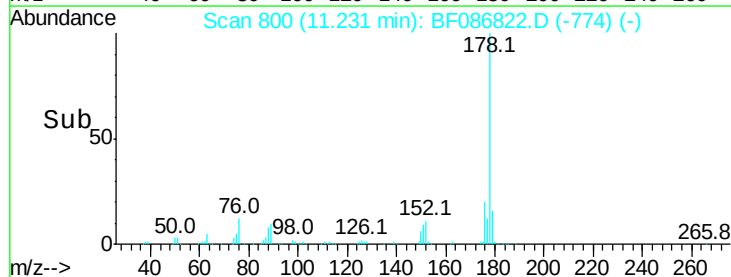
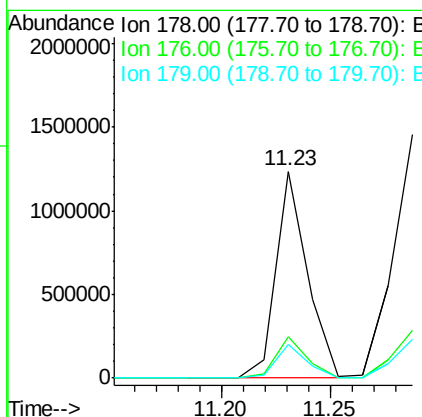
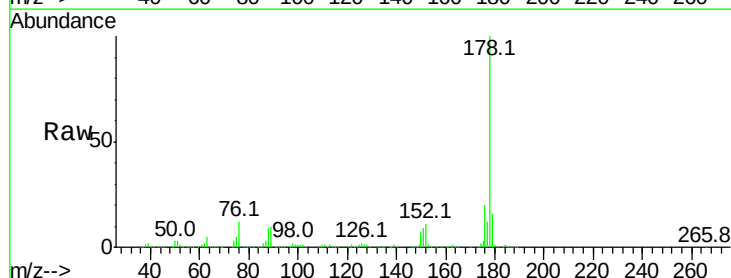
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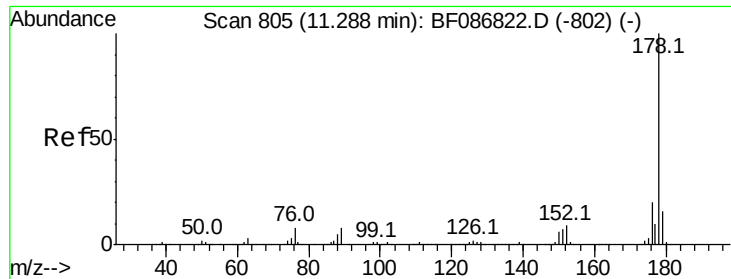
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#70
 Phenanthrene
 Concen: 37.23 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1252561		
176	20.1	16.0	24.0	
179	16.0	12.6	18.8	





#71
 Anthracene
 Concen: 40.38 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

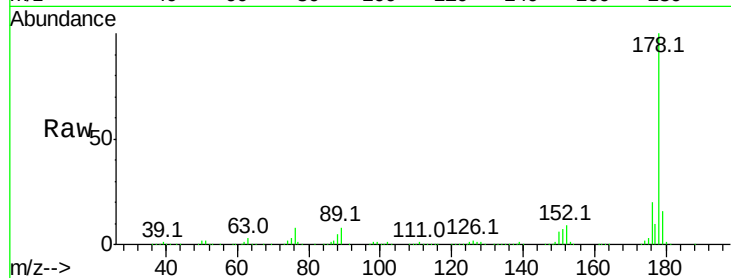
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:178 Resp: 1449818

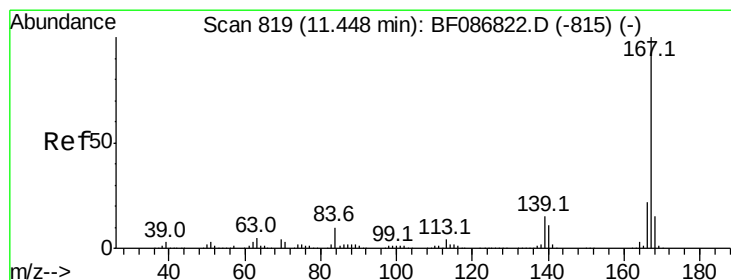
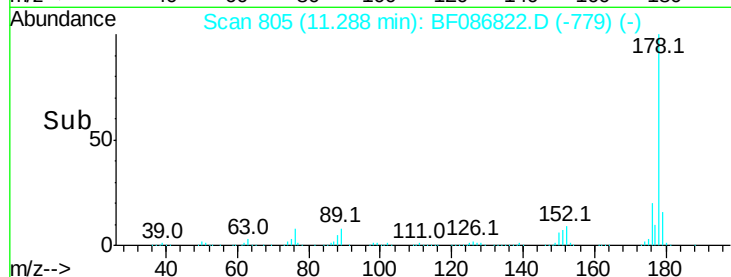
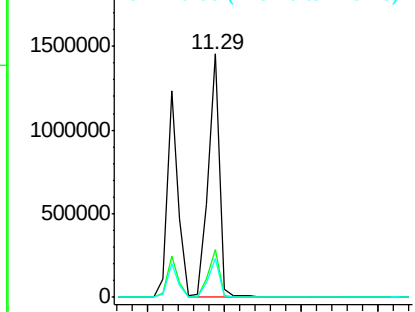
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.7	12.7	19.1

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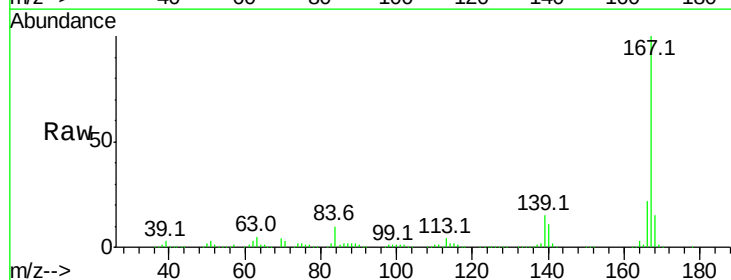
Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



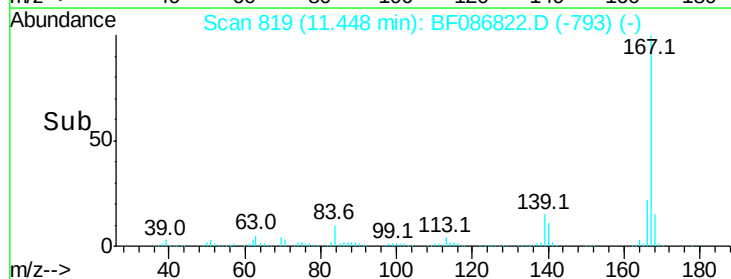
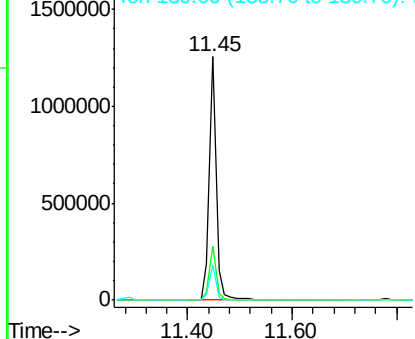
#72
 Carbazole
 Concen: 36.64 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

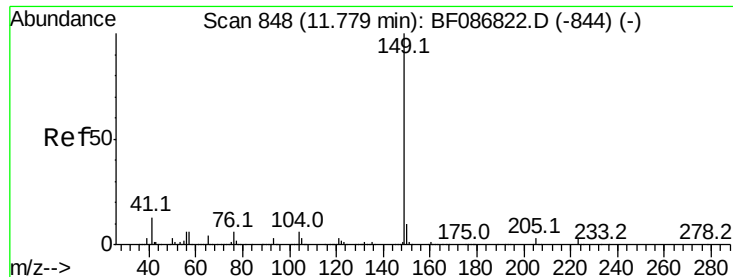
Tgt Ion:167 Resp: 1166029

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	14.6	10.8	16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.91 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

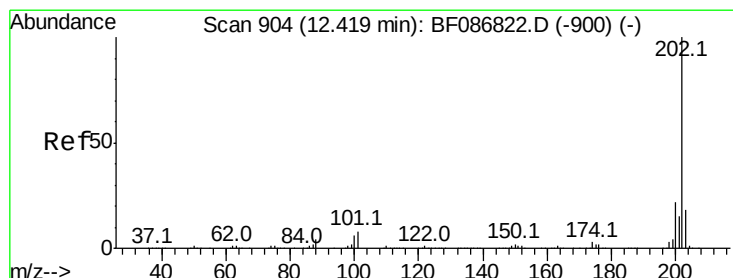
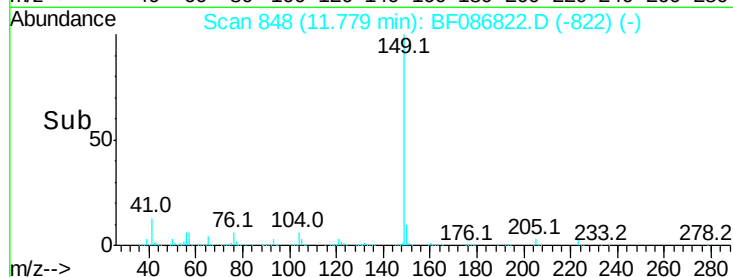
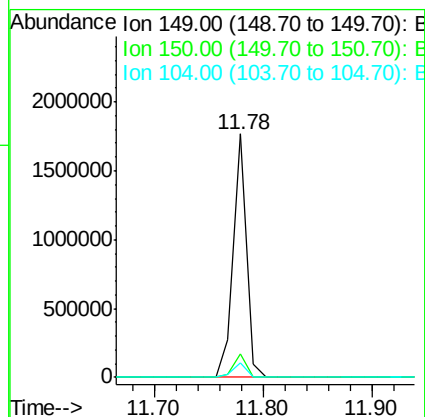
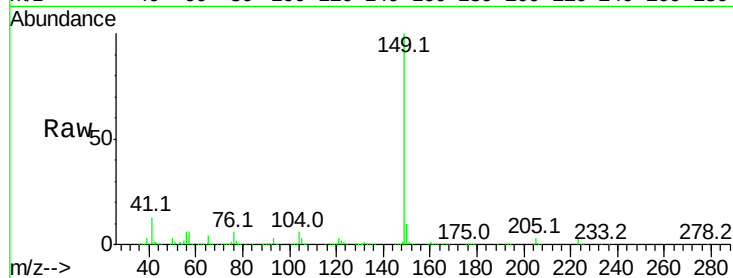
ClientSampleId :

SSTDICCC040

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Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.9	3.8	5.6



#74

Fluoranthene

Concen: 42.18 ng

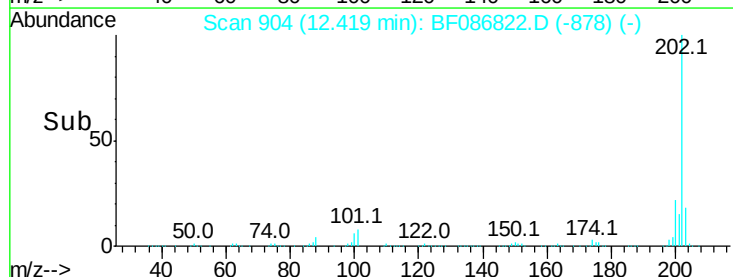
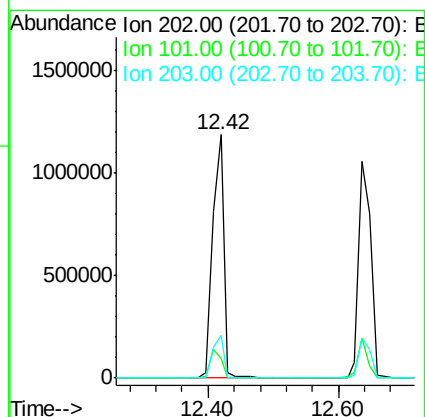
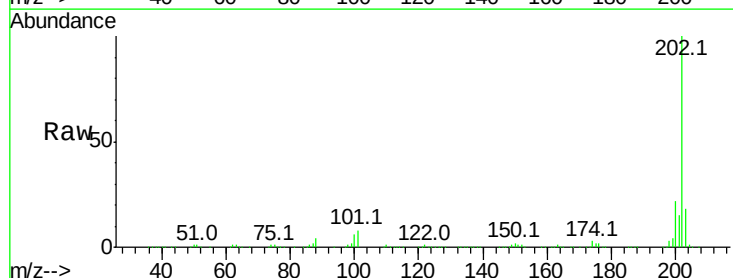
RT: 12.42 min Scan# 904

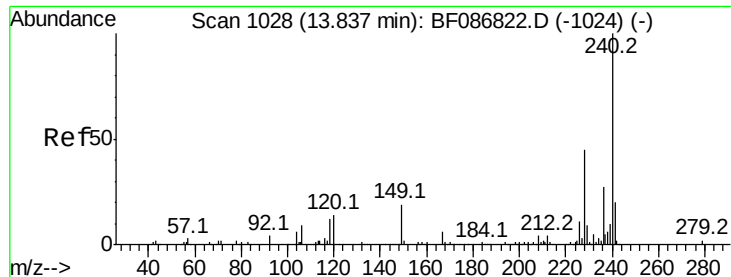
Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	35.4
203	17.6	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: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

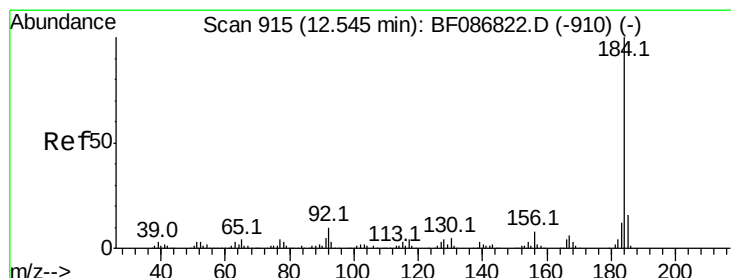
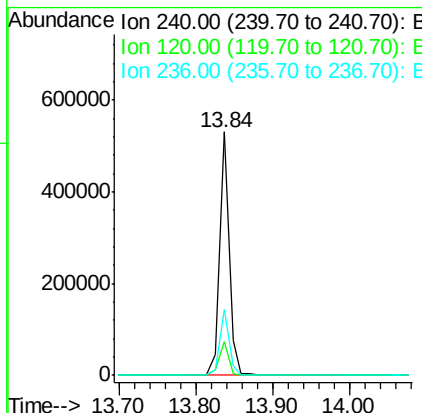
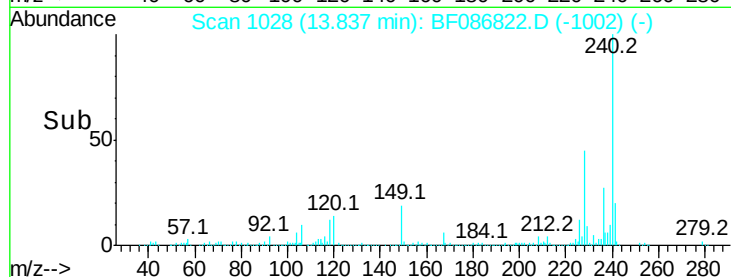
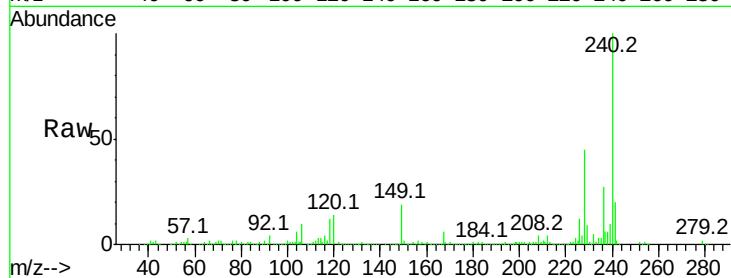
ClientSampleId :

SSTDICCC040

Tot Ion:	240	Resp:	458312
Ion Ratio	Lower	Upper	
240	100		
120	13.7	11.2	16.8
236	26.8	21.2	31.8

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#76

Benzidine

Concen: 32.46 ng

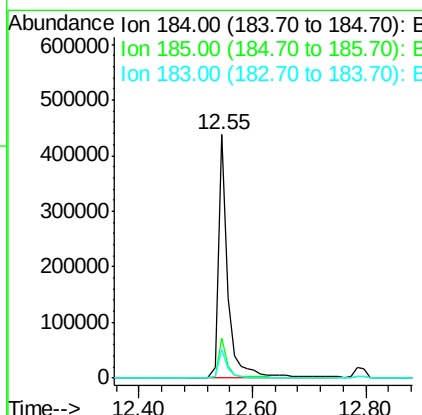
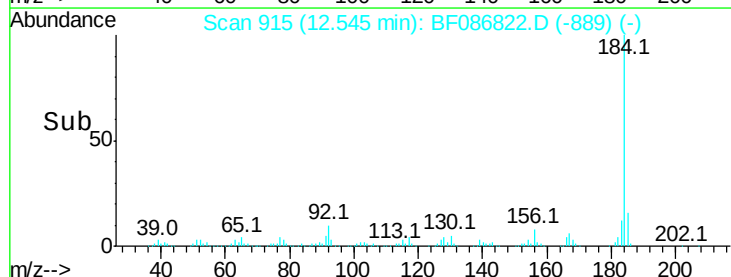
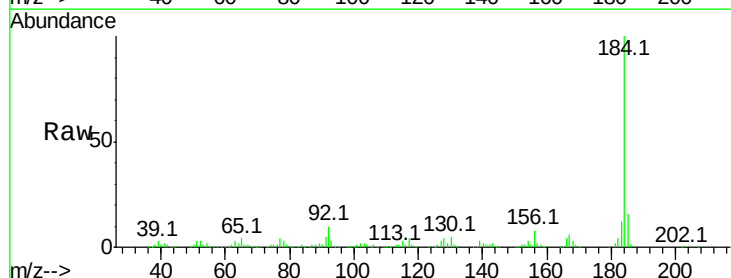
RT: 12.55 min Scan# 915

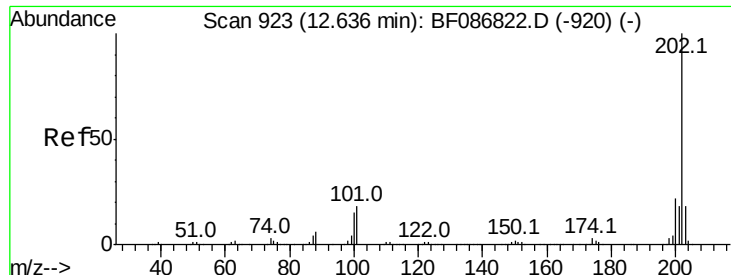
Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Tgt Ion:	184	Resp:	511195
Ion Ratio	Lower	Upper	
184	100		
185	16.2	13.6	20.4
183	11.8	9.8	14.6





#77

Pvrene

Concen: 40.83 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

ClientSampled :

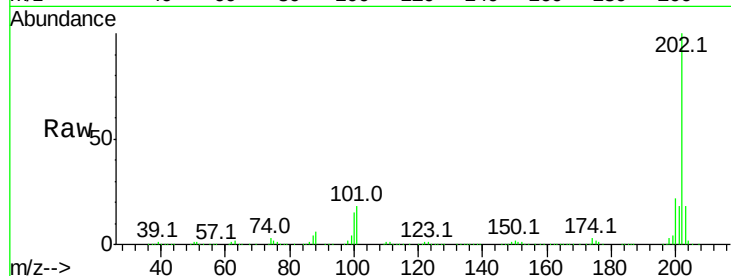
SSTDICCC040

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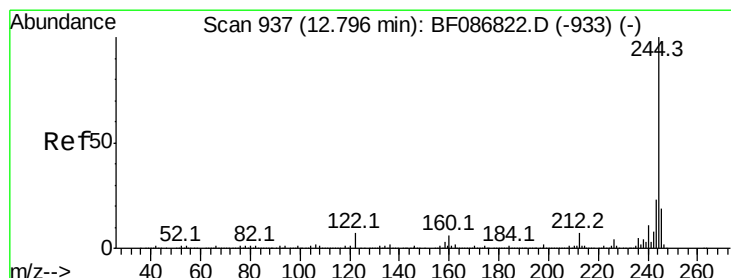
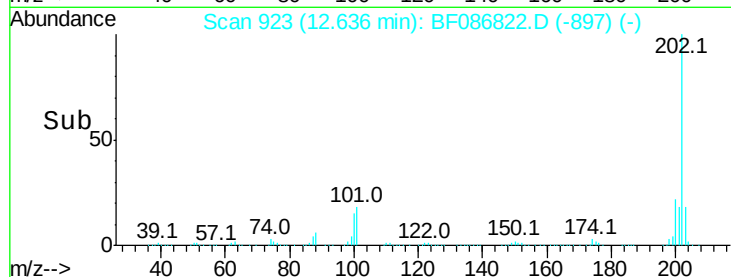
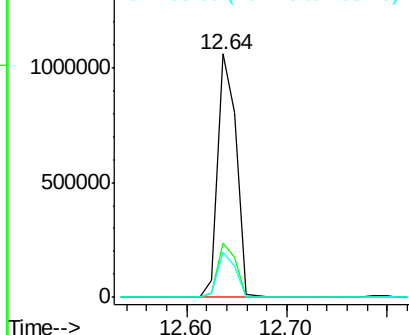
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.4	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.48 ng

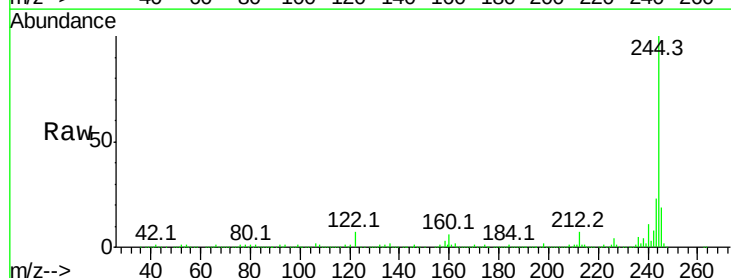
RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

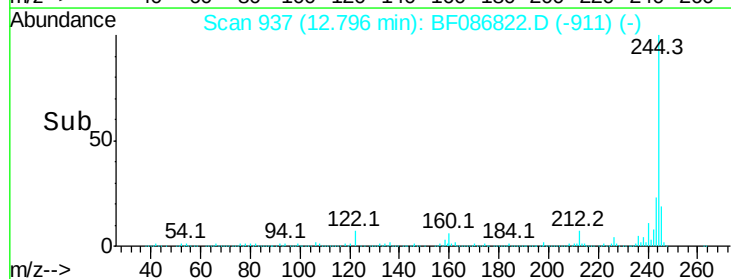
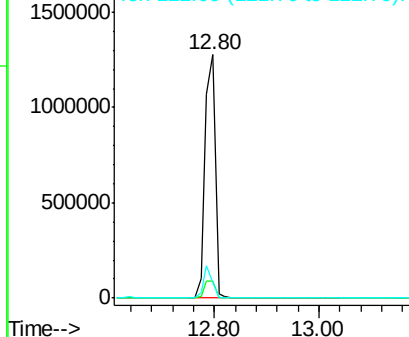
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	6.5	12.0	18.0#

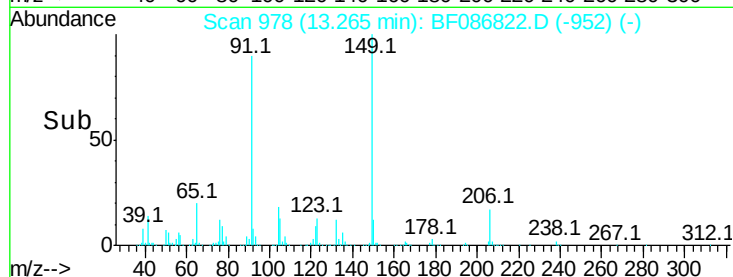
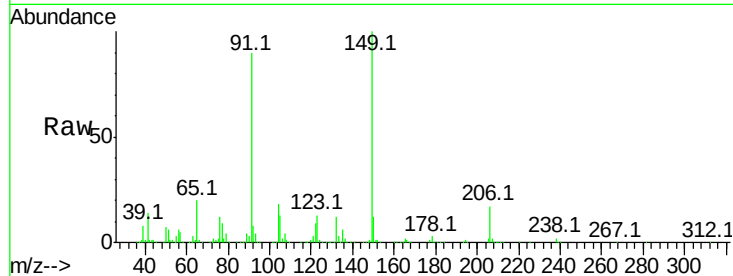
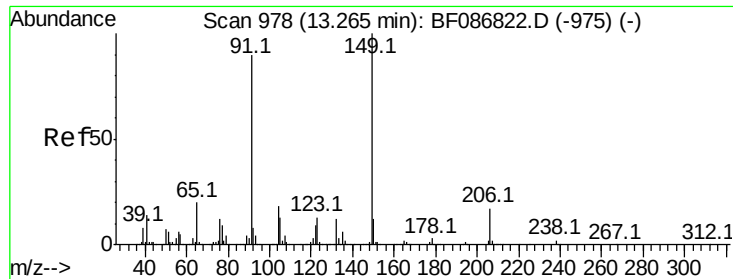


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





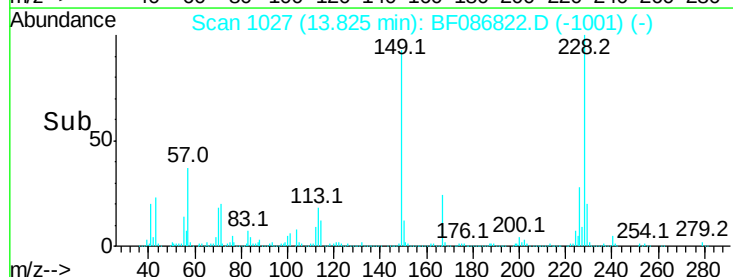
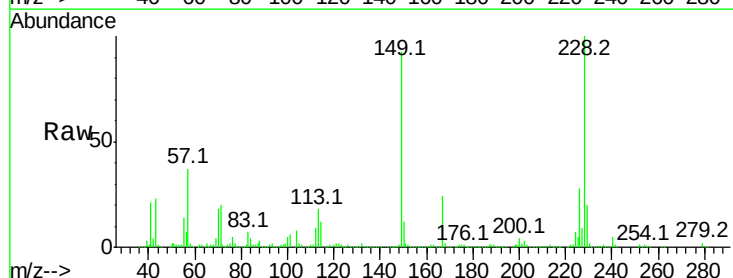
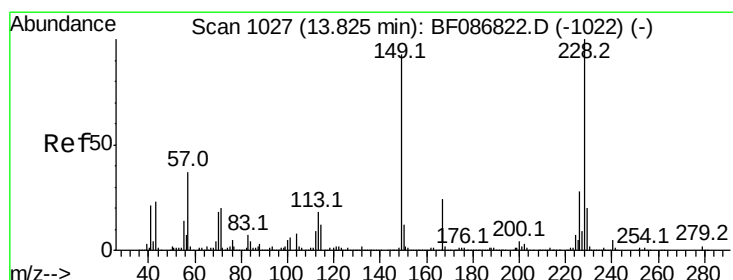
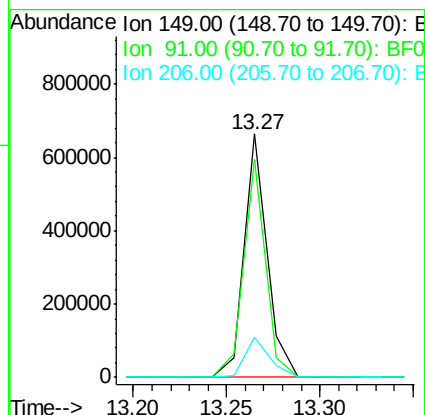
#79
Butylbenzylphthalate
Concen: 39.92 ng
RT: 13.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Tot Ion	Ratio	Resp	Lower	Upper
149	100	571007		
91	89.7	48.0	72.0#	
206	16.6	15.8	23.6	

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

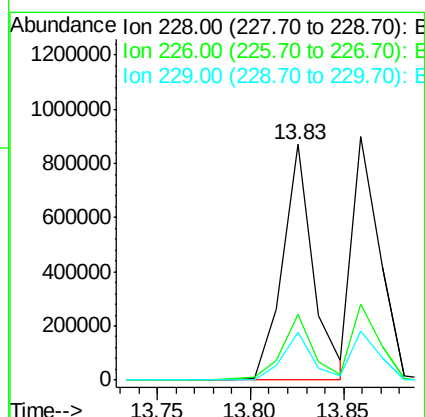
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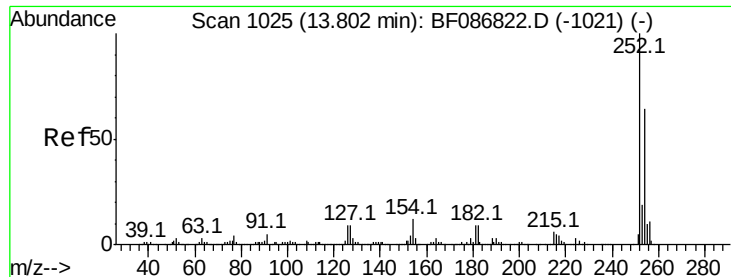
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#80
Benzo(a)anthracene
Concen: 40.60 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	992057		
226	27.7	22.5	33.7	
229	20.1	16.6	25.0	





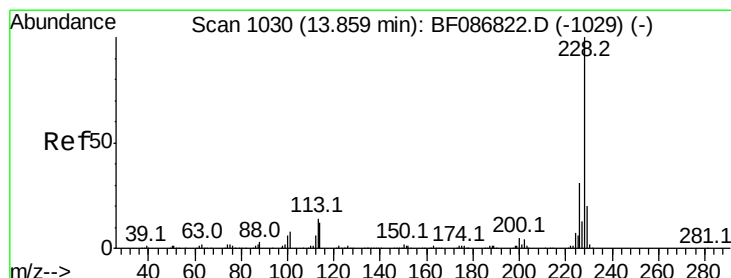
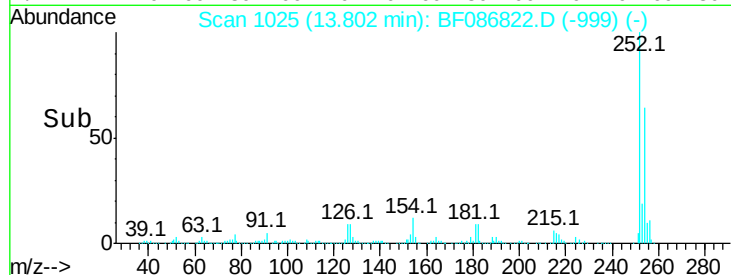
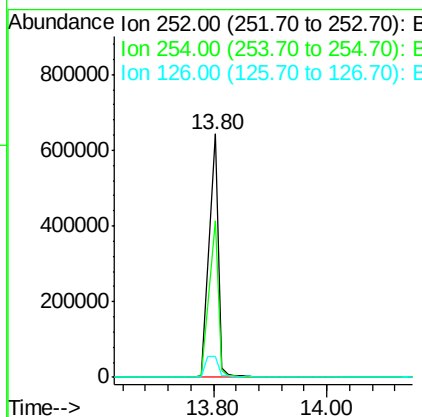
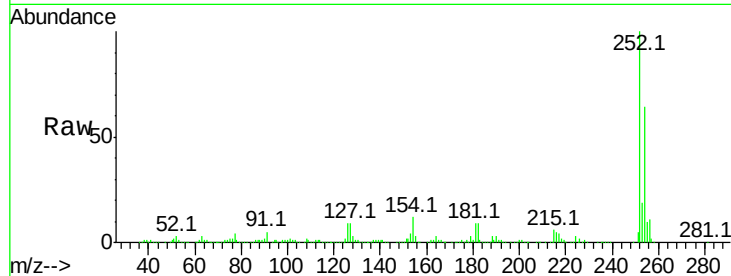
#81
 3,3'-Dichlorobenzidine
 Concen: 42.01 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	686211		
254	64.1		50.7	76.1
126	8.7		12.7	19.1

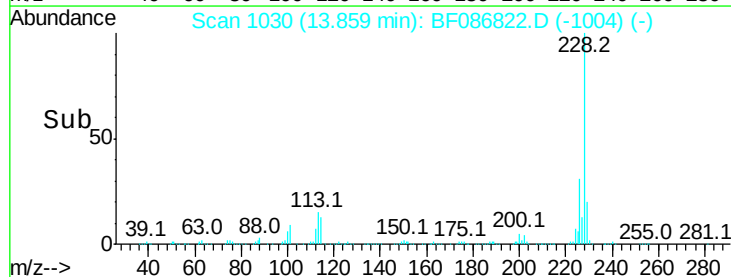
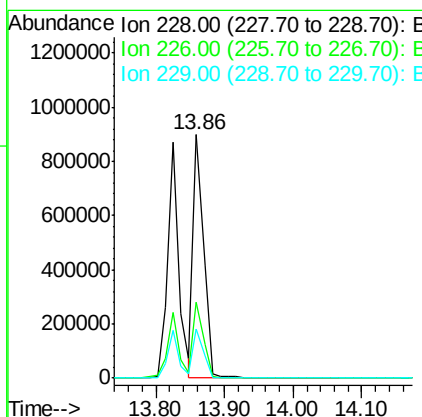
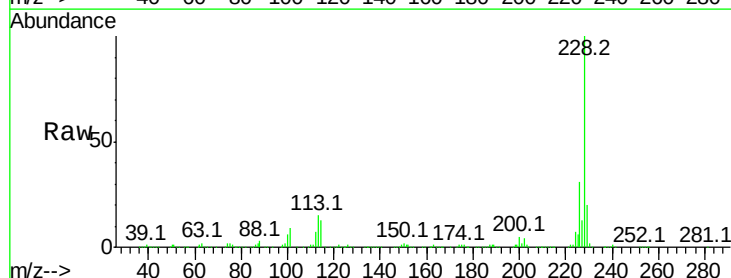
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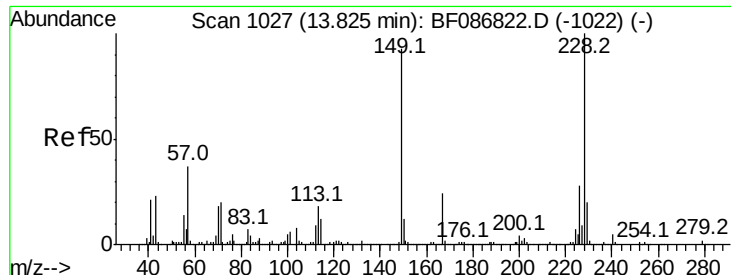
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#82
 Chrysene
 Concen: 35.19 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	934657		
226	31.2		24.4	36.6
229	20.0		15.8	23.8





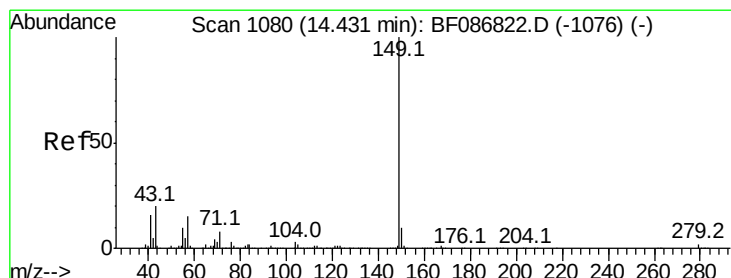
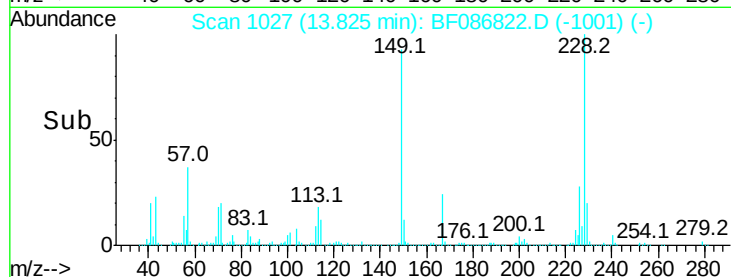
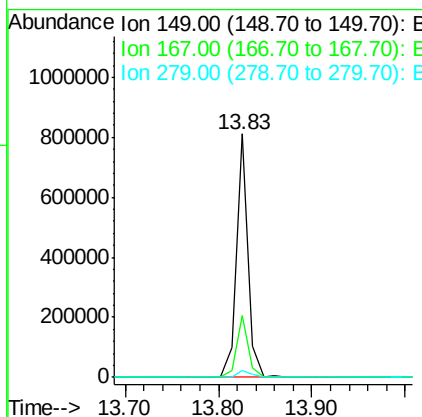
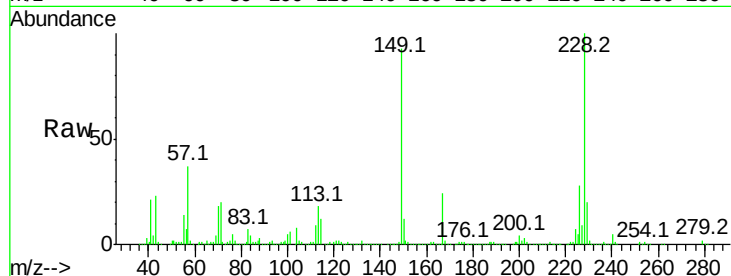
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.72 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	705200		
167	25.4		21.8	32.6
279	2.7		2.6	4.0

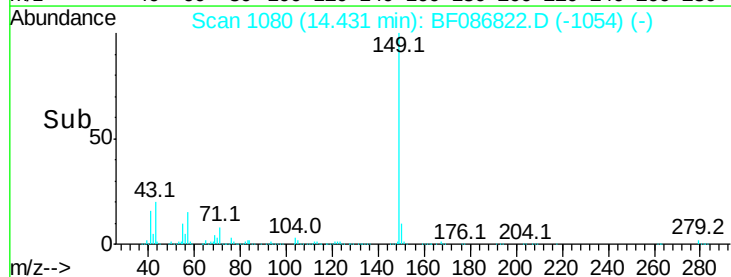
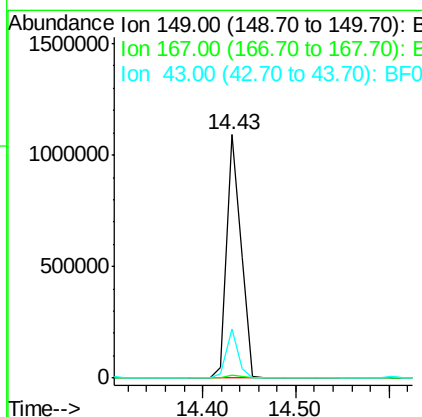
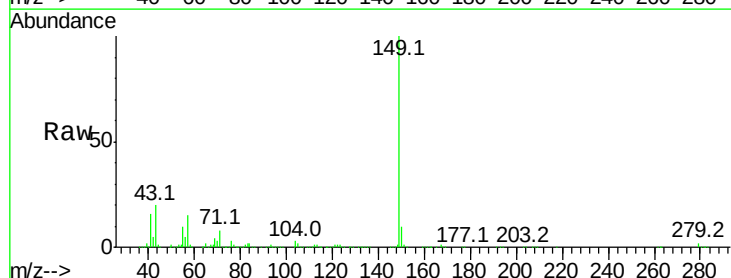
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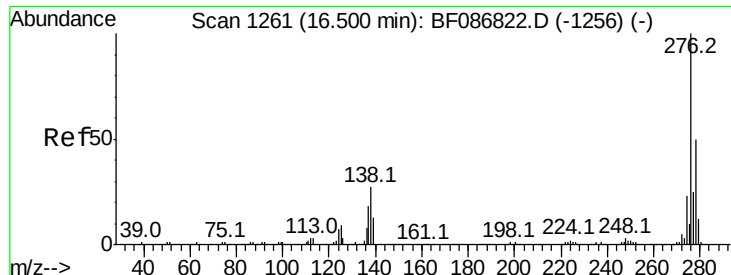
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#84
 Di-n-octyl phthalate
 Concen: 41.90 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1164929		
167	1.5		1.2	1.8
43	16.9		8.2	12.4#





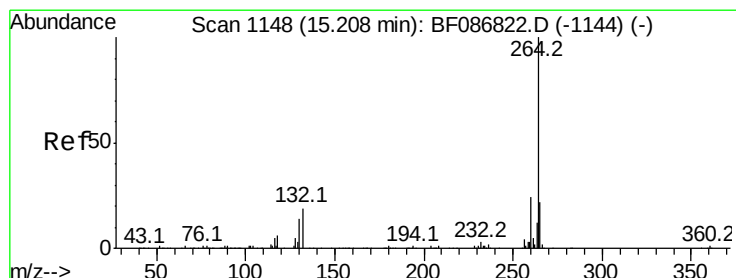
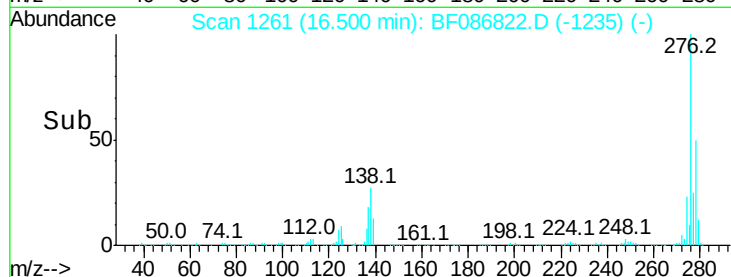
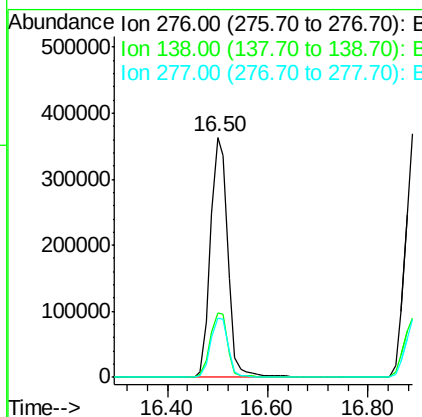
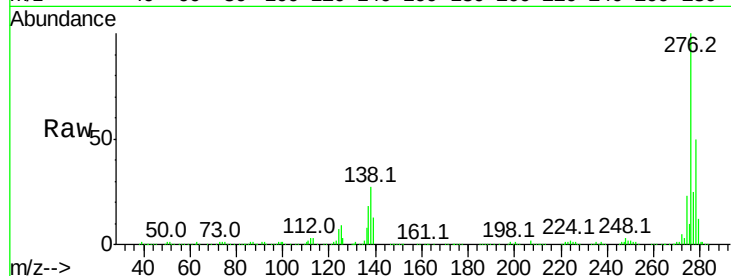
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.37 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	873263		
138	27.4		25.6	38.4
277	25.1		20.5	30.7

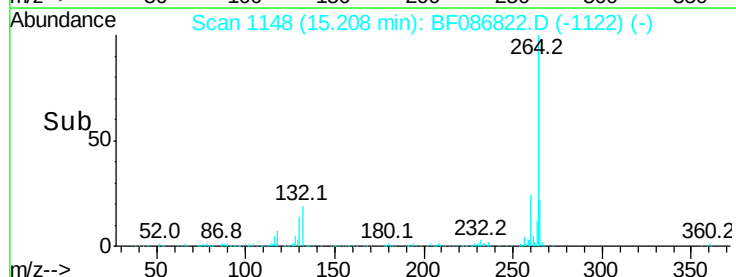
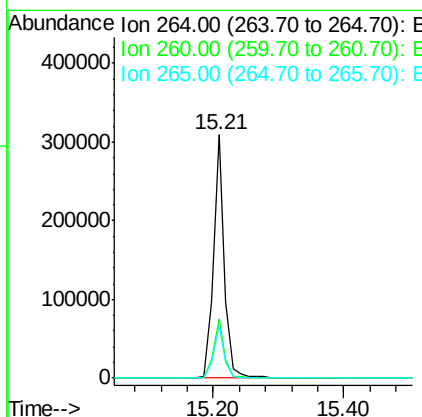
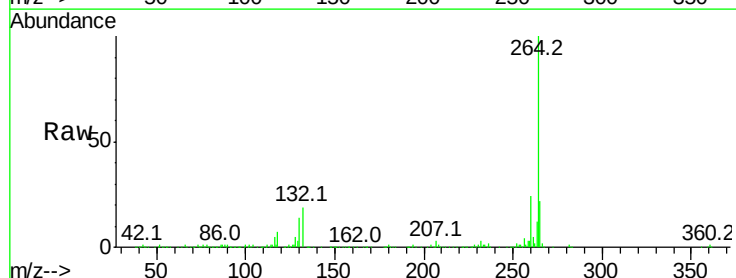
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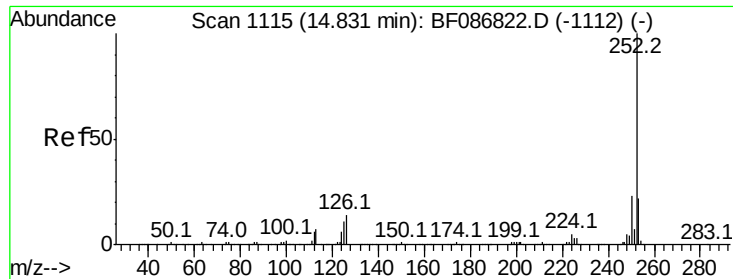
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF086822.D
 Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	366845		
260	24.5		19.5	29.3
265	21.8		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 40.66 ng m

RT: 14.83 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

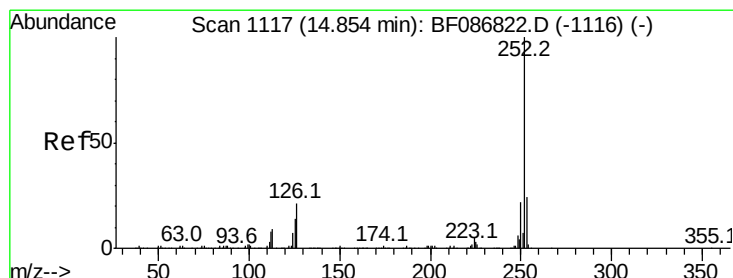
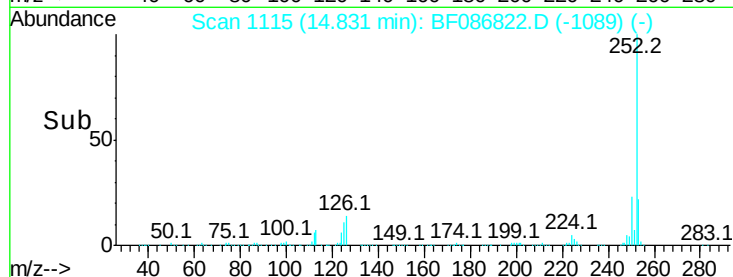
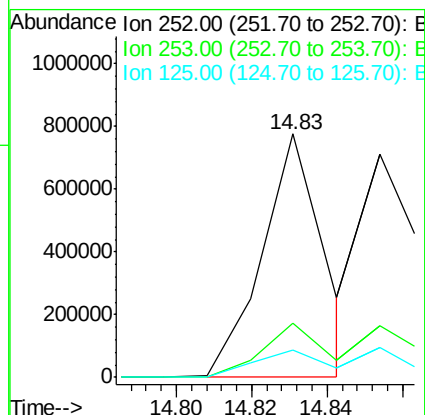
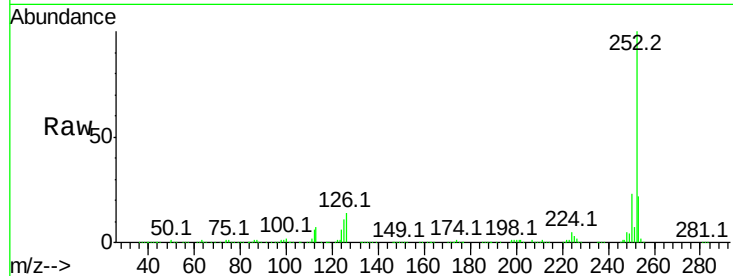
ClientSampled :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.0	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 35.76 ng m

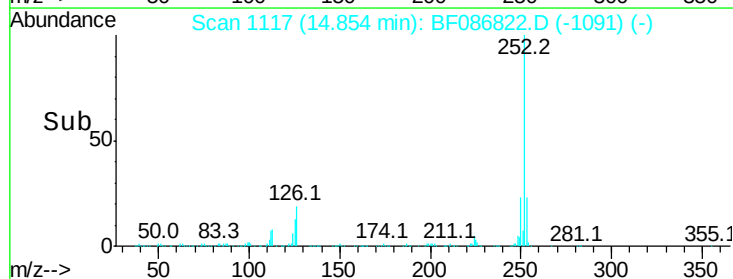
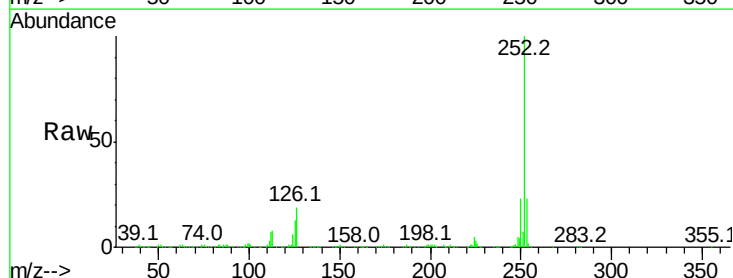
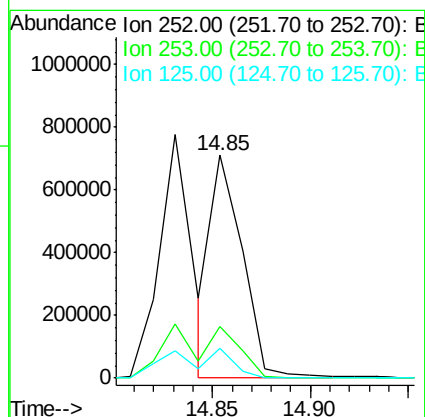
RT: 14.85 min Scan# 1117

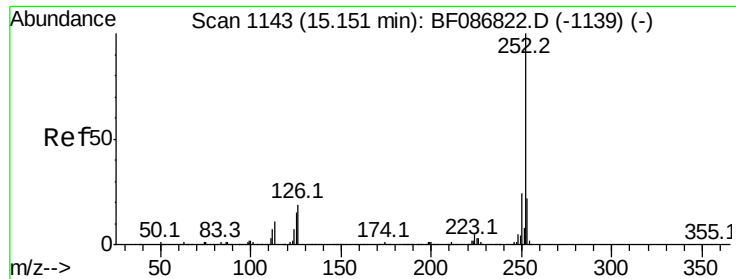
Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	13.2	9.1	13.7





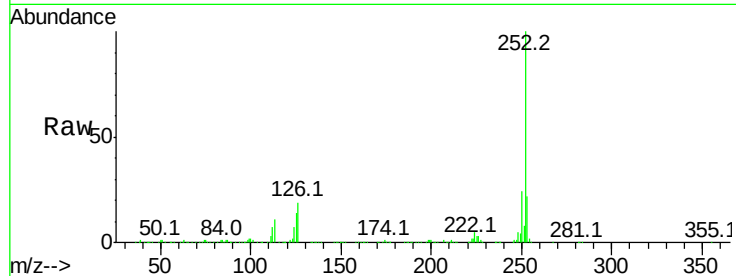
#89
Benzo(a)pyrene
Concen: 39.49 ng
RT: 15.15 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

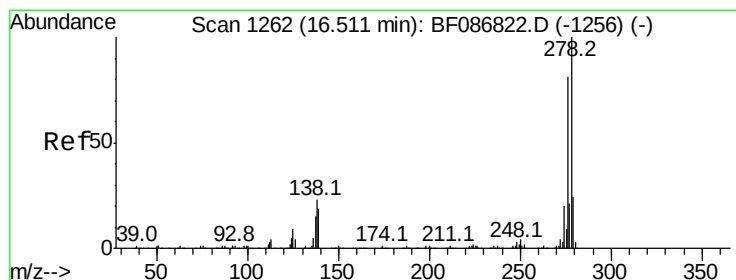
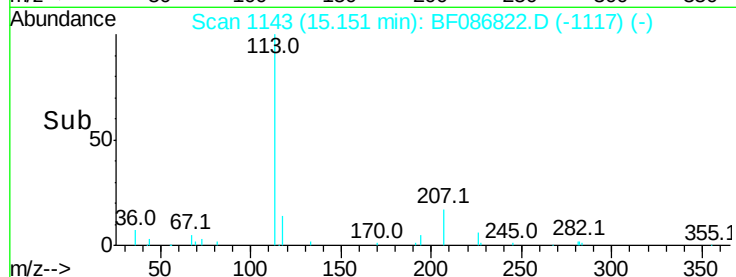
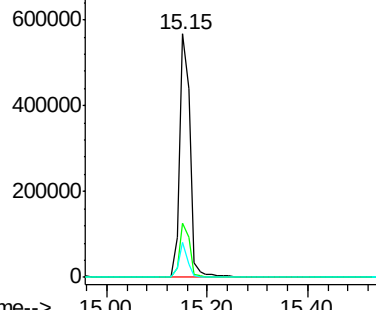
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	14.5	9.0	13.6

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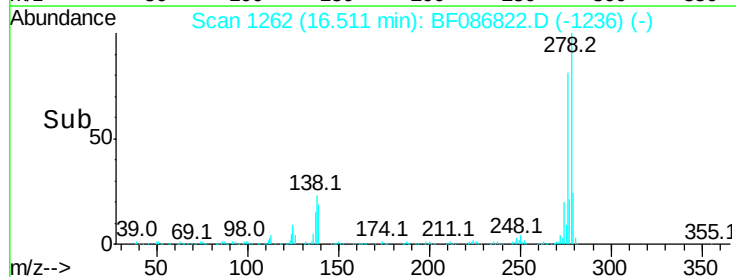
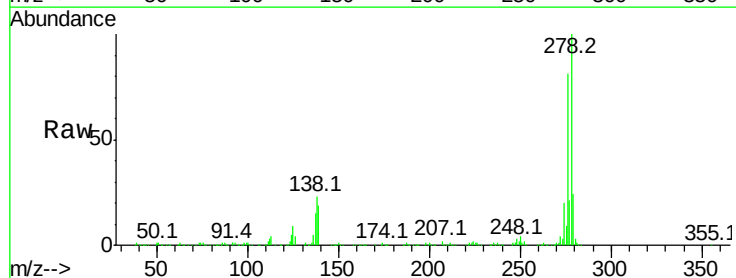
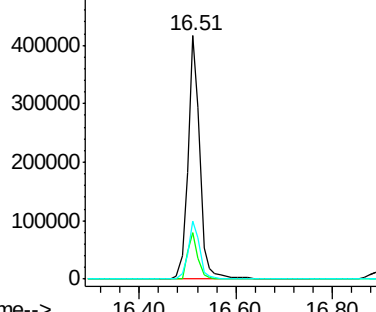
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

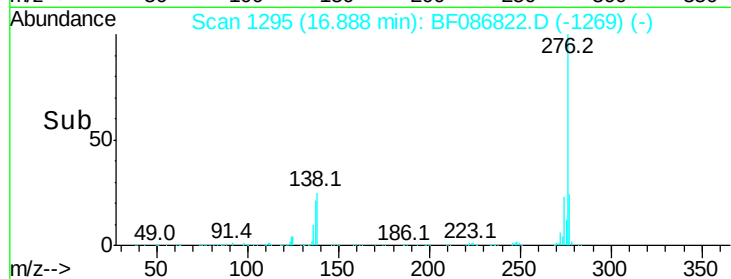
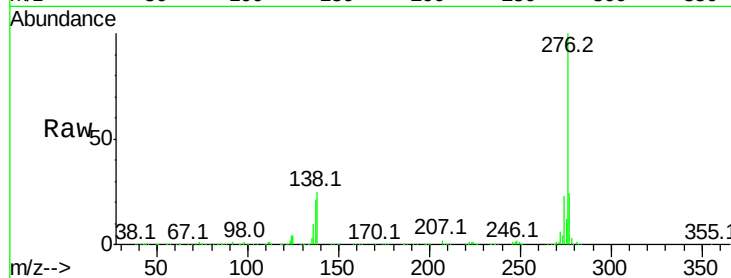
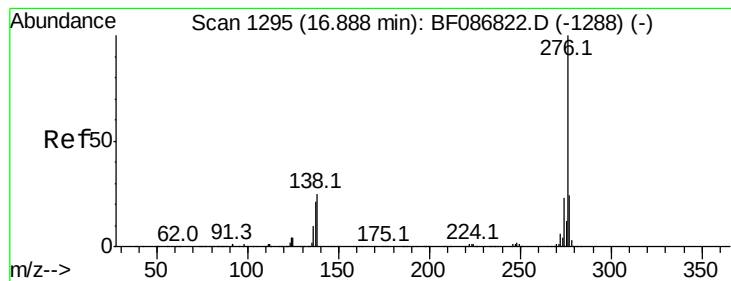


#90
Dibenzo(a,h)anthracene
Concen: 43.33 ng
RT: 16.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF086822.D
Acq: 9 May 2016 13:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.6	24.8
279	23.8	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.93 ng

RT: 16.89 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF086822.D

Acq: 9 May 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.9	19.6	29.4
138	24.6	23.6	35.4

Manual Integrations
APPROVED

sohil
5/10/2016 11:05:51 AM

