

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086799.D
 Acq On : 8 May 2016 3:20
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:20:13 PM

Quant Time: May 08 04:26:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	246878	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	1022230	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	464449	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	812387	40.00	ng	0.00
75) Chrysene-d12	13.86	240	487948	40.00	ng	0.01
86) Perylene-d12	15.23	264	481275	40.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1216044	81.54	ng	0.01
7) Phenol-d6	6.37	99	1403306	69.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	1550740	77.96	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	329900	72.61	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2069860	73.05	ng	0.00
78) Terphenyl-d14	12.81	244	2002077	82.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	281428	36.51	ng	# 71
3) Pyridine	2.90	79	765748	40.52	ng	# 63
4) n-Nitrosodimethylamine	2.86	42	522835	45.61	ng	# 50
6) Aniline	6.38	93	914326	36.88	ng	# 37
8) 2-Chlorophenol	6.50	128	680893	38.05	ng	89
9) Benzaldehyde	6.26	77	415687	41.48	ng	95
10) Phenol	6.38	94	733768	33.39	ng	# 25
11) bis(2-Chloroethyl)ether	6.45	93	654033	34.58	ng	86
12) 1,3-Dichlorobenzene	6.65	146	775738	40.82	ng	98
13) 1,4-Dichlorobenzene	6.73	146	771380	39.26	ng	99
14) 1,2-Dichlorobenzene	6.88	146	599577	35.05	ng	96
15) Benzyl Alcohol	6.88	79	531061	40.86	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1467299	37.94	ng	63
17) 2-Methylphenol	6.99	107	527984	36.64	ng	# 76
18) Hexachloroethane	7.22	117	305189	41.14	ng	# 86
19) n-Nitroso-di-n-propylamine	7.14	70	525442	38.28	ng	# 66
20) 3+4-Methylphenols	7.15	107	662708	39.28	ng	# 61
22) Acetophenone	7.13	105	1025946	43.07	ng	# 96
24) Nitrobenzene	7.30	77	794274	38.62	ng	93
25) Isophorone	7.55	82	1478064	39.90	ng	95
26) 2-Nitrophenol	7.62	139	391857	42.70	ng	# 79
27) 2,4-Dimethylphenol	7.68	122	634852	39.40	ng	90
28) bis(2-Chloroethoxy)methane	7.76	93	776325	38.07	ng	98
29) 2,4-Dichlorophenol	7.87	162	566274	40.87	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	609567	39.44	ng	98
31) Naphthalene	8.02	128	1992313	38.15	ng	98
32) Benzoic acid	7.85	122	405131	61.56	ng	# 80
33) 4-Chloroaniline	8.08	127	711406	35.16	ng	# 89
34) Hexachlorobutadiene	8.13	225	351687	40.08	ng	98
35) Caprolactam	8.49	113	167362	39.03	ng	# 55
36) 4-Chloro-3-methylphenol	8.58	107	615468	38.94	ng	92
37) 2-Methylnaphthalene	8.70	142	1093208m	35.48	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	576967	42.92	ng	99
40) Hexachlorocyclopentadiene	8.85	237	269020	46.23	ng	98

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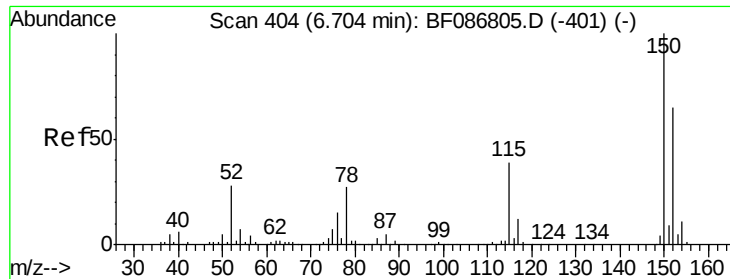
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	364512	42.64	ng	96
43) 2,4,5-Trichlorophenol	9.05	196	376629	42.17	ng	96
45) 1,1'-Biphenyl	9.17	154	1470479	38.73	ng	96
46) 2-Chloronaphthalene	9.20	162	1133988	38.70	ng	95
47) 2-Nitroaniline	9.30	65	423969	40.70	ng	# 72
48) Acenaphthylene	9.61	152	1632805	37.54	ng	99
49) Dimethylphthalate	9.48	163	1446928	41.79	ng	99
50) 2,6-Dinitrotoluene	9.55	165	333729	44.91	ng	97
51) Acenaphthene	9.78	154	1026332	35.77	ng	99
52) 3-Nitroaniline	9.72	138	319700	37.85	ng	88
53) 2,4-Dinitrophenol	9.82	184	105604	47.99	ng	93
54) Dibenzofuran	9.95	168	1294020	36.38	ng	95
55) 4-Nitrophenol	9.90	139	173930	35.32	ng	# 74
56) 2,4-Dinitrotoluene	9.95	165	357000	38.77	ng	# 82
57) Fluorene	10.29	166	1166915	40.48	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	275983	42.07	ng	97
59) Diethylphthalate	10.18	149	1264855	38.60	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	484008	35.32	ng	97
61) 4-Nitroaniline	10.34	138	295131	36.36	ng	# 71
62) Azobenzene	10.44	77	1351332	37.21	ng	85
64) 4,6-Dinitro-2-methylphenol	10.36	198	198232	48.20	ng	90
65) n-Nitrosodiphenylamine	10.41	169	937565	36.35	ng	100
66) 4-Bromophenyl-phenylether	10.77	248	335353	41.54	ng	96
67) Hexachlorobenzene	10.83	284	372363	37.82	ng	# 66
68) Atrazine	10.94	200	308285	39.00	ng	95
69) Pentachlorophenol	11.04	266	187296	42.17	ng	97
70) Phenanthrene	11.25	178	1706270	39.10	ng	100
71) Anthracene	11.30	178	1611965	35.28	ng	99
72) Carbazole	11.46	167	1333971	33.62	ng	98
73) Di-n-butylphthalate	11.79	149	1727679	36.67	ng	# 97
74) Fluoranthene	12.43	202	1688695	38.62	ng	96
76) Benzidine	12.56	184	520844	40.30	ng	97
77) Pyrene	12.66	202	1722020	44.27	ng	99
79) Butylbenzylphthalate	13.28	149	755077	46.34	ng	# 62
80) Benzo(a)anthracene	13.84	228	1124328	40.74	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	780494	45.01	ng	99
82) Chrysene	13.88	228	1313603	44.62	ng	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	942309	49.98	ng	# 95
84) Di-n-octyl phthalate	14.45	149	1712006	61.71	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.53	276	1087701	43.06	ng	95
87) Benzo(b)fluoranthene	14.85	252	1318544m	45.59	ng	
88) Benzo(k)fluoranthene	14.88	252	861811m	31.63	ng	
89) Benzo(a)pyrene	15.17	252	1002692	37.64	ng	98
90) Dibenzo(a,h)anthracene	16.55	278	895094	34.98	ng	96
91) Benzo(g,h,i)perylene	16.92	276	892084	33.21	ng	94

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



#1

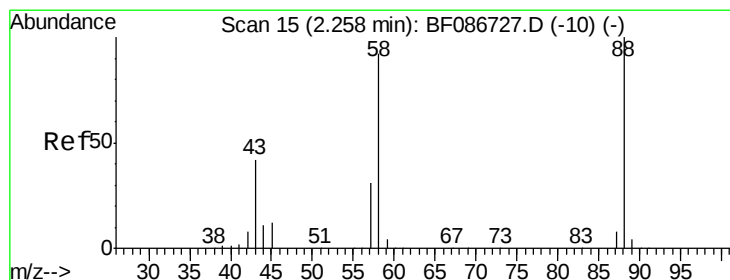
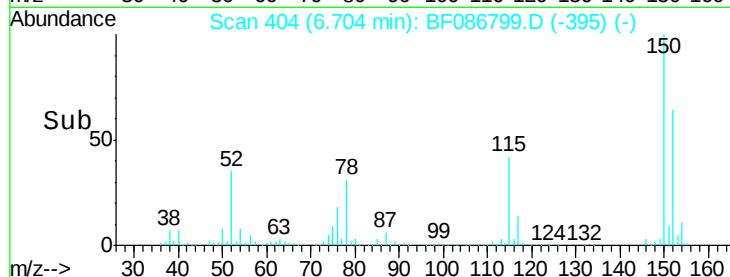
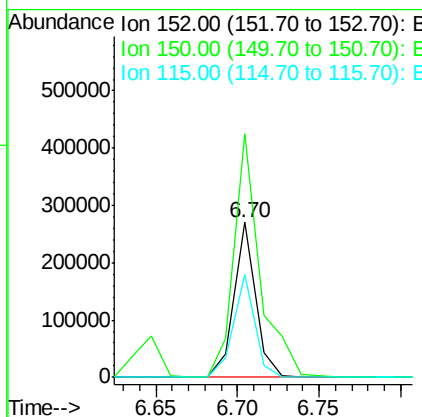
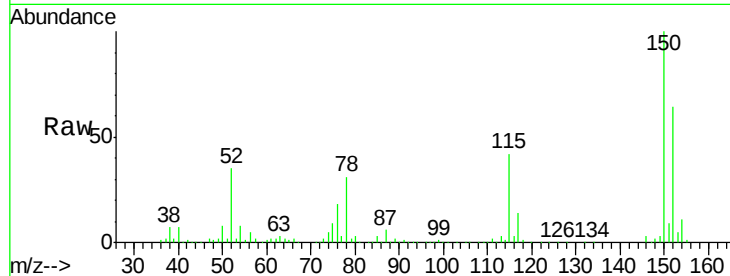
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	246878		
150	157.2	125.8	188.6	
115	66.6	51.5	77.3	

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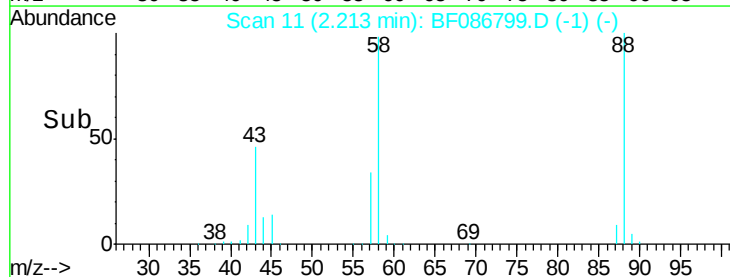
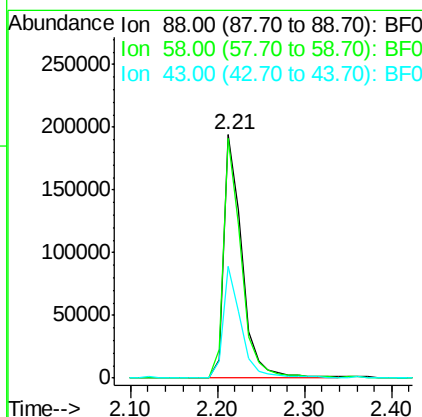
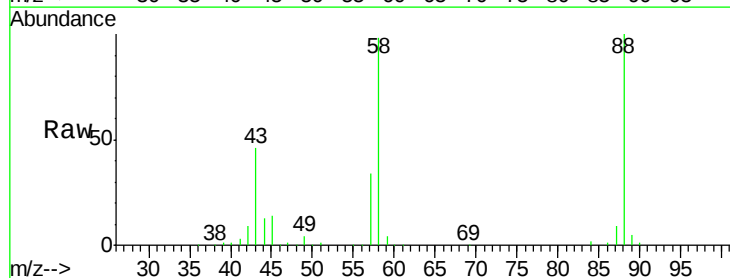
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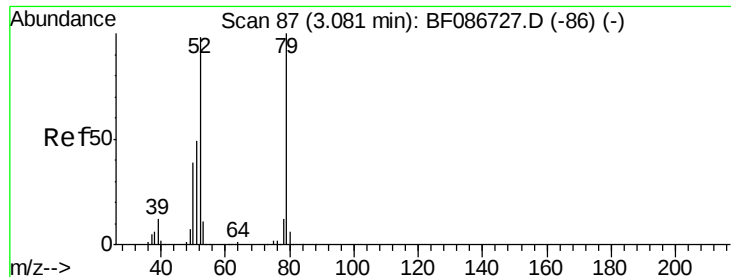


#2

1,4-Dioxane
Concen: 36.51 ng
RT: 2.21 min Scan# 11
Delta R.T. -0.01 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	281428		
58	97.7	59.6	89.4#	
43	44.4	21.8	32.6#	





#3

Pyridine

Concen: 40.52 ng

RT: 2.90 min Scan# 71

Delta R.T. -0.02 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

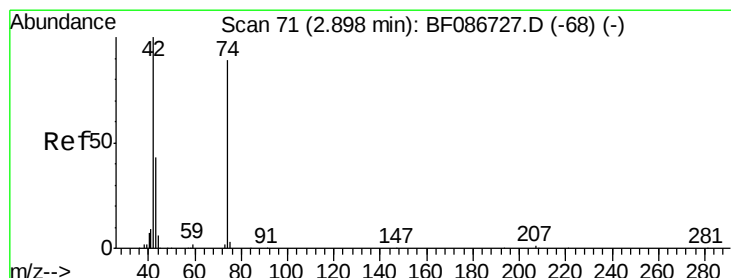
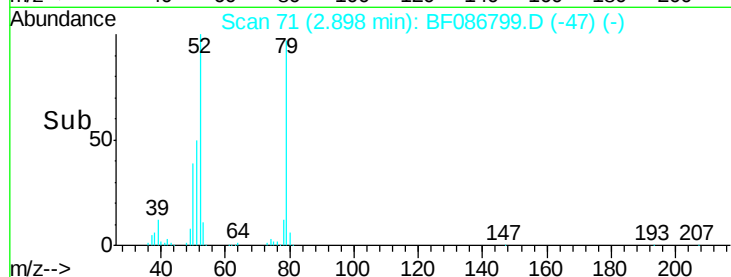
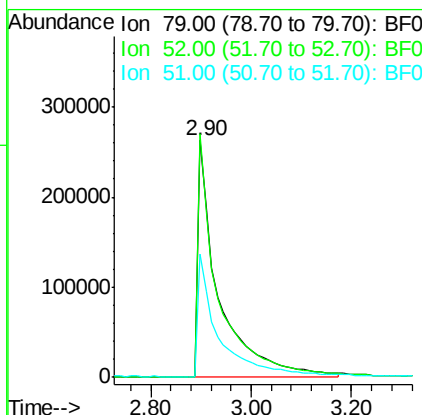
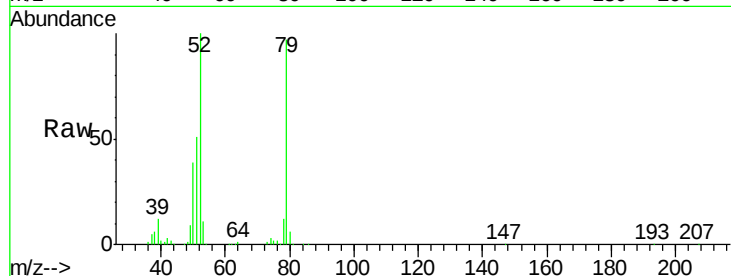
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	765748
Ion Ratio	Lower	Upper	
79	100		
52	102.9	55.9	83.9#
51	52.1	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 45.61 ng

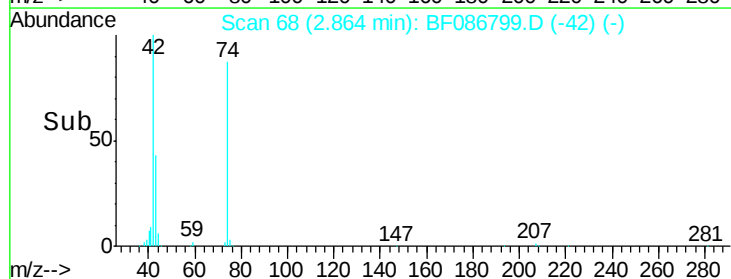
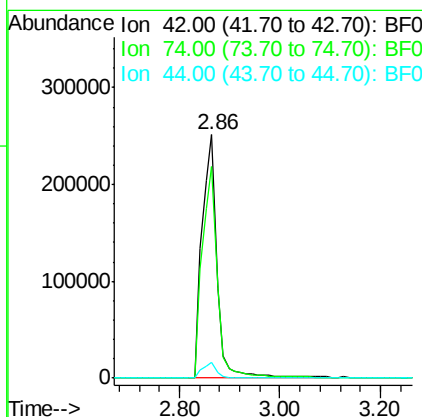
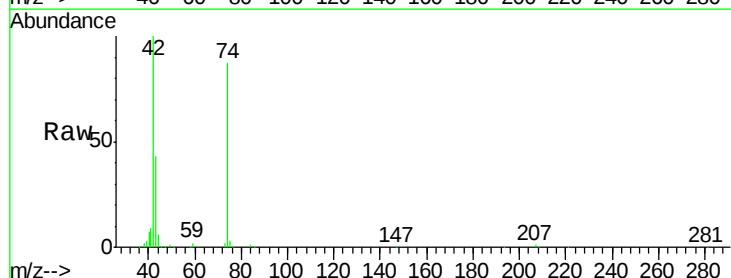
RT: 2.86 min Scan# 68

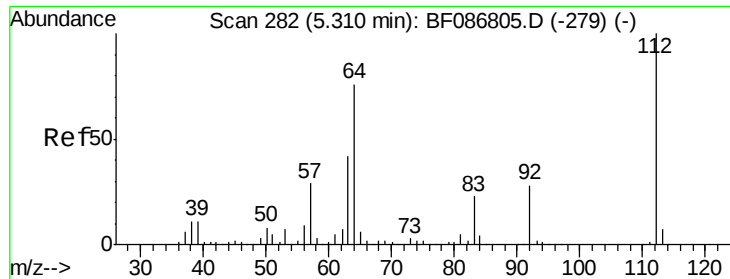
Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Tgt Ion:	42	Resp:	522835
Ion Ratio	Lower	Upper	
42	100		
74	87.0	123.4	185.0#
44	6.4	5.8	8.6





#5

2-Fluorophenol

Concen: 81.54 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF086799.D

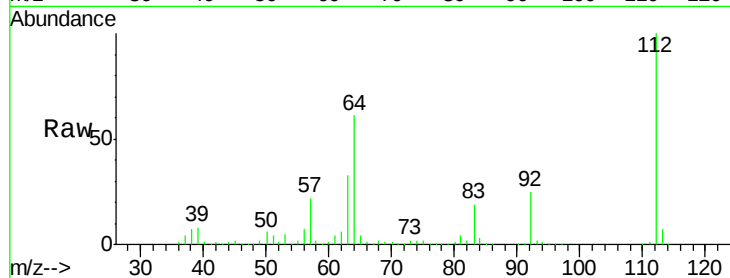
Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

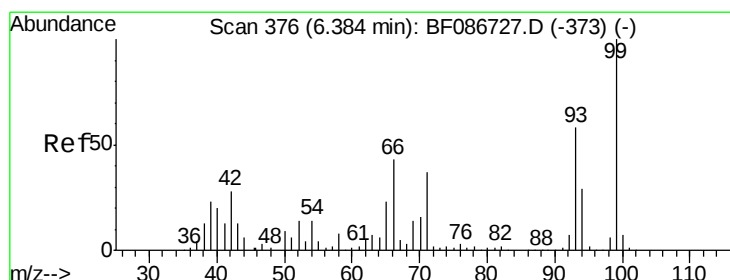
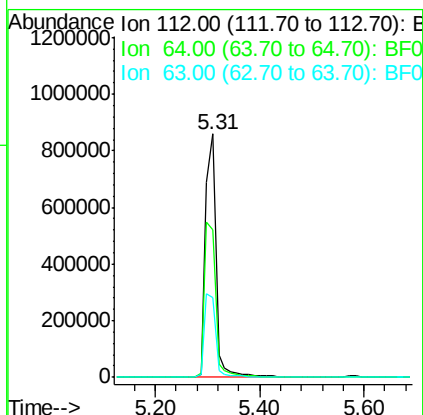
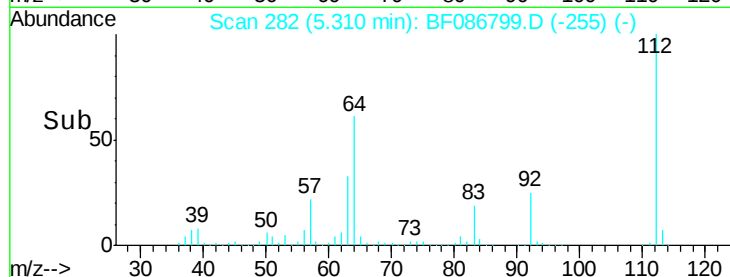
SSTDCCC040



Tgt Ion:	112	Resp:	1216044
Ion	Ratio	Lower	Upper
112	100		
64	60.7	52.1	78.1
63	32.8	25.7	38.5

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#6

Aniline

Concen: 36.88 ng

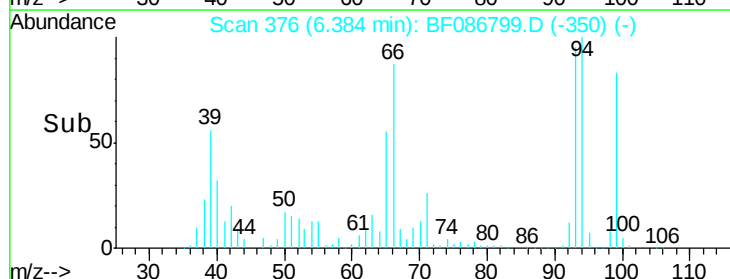
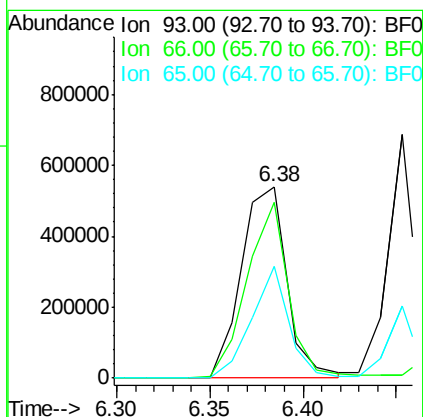
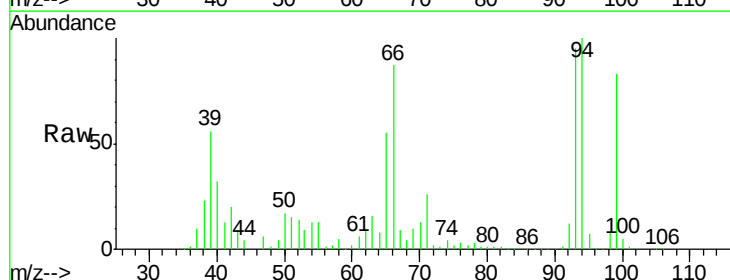
RT: 6.38 min Scan# 376

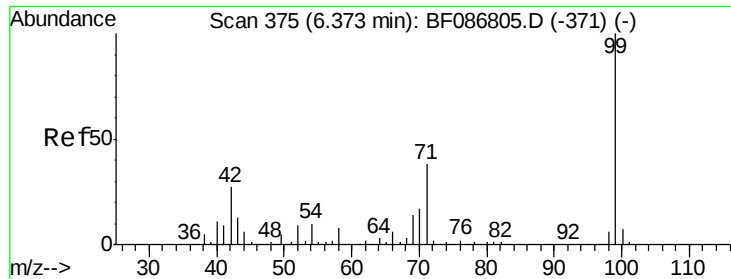
Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Tgt Ion:	93	Resp:	914326
Ion	Ratio	Lower	Upper
93	100		
66	91.7	39.0	58.6#
65	58.1	20.6	31.0#





#7

Phenol-d6

Concen: 69.86 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1403306

Ion Ratio Lower Upper

99 100

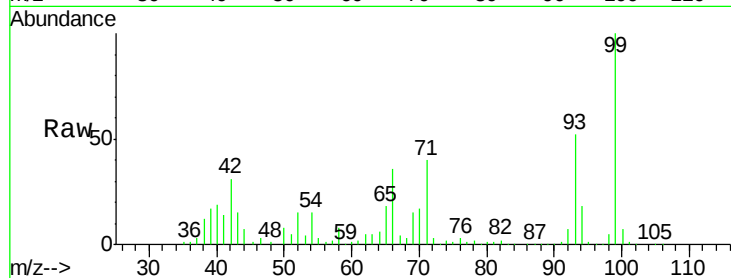
42 31.2 13.6 20.4#

71 40.4 24.6 36.8#

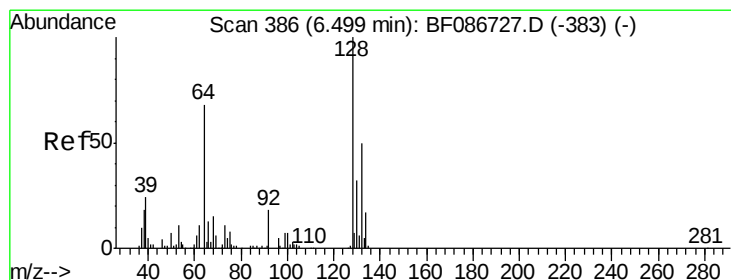
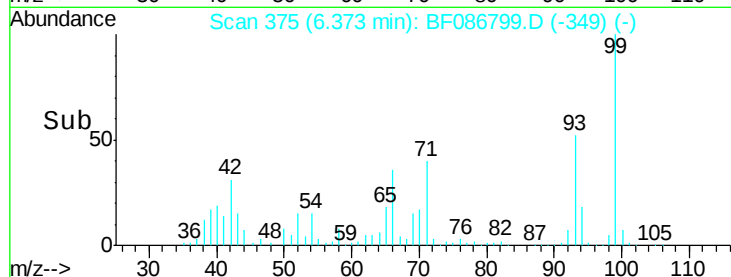
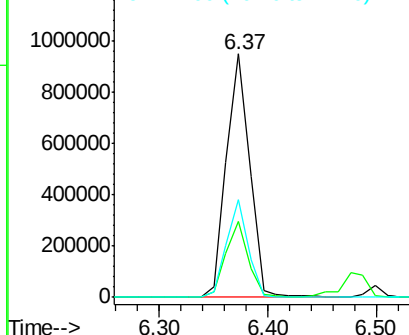
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.05 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

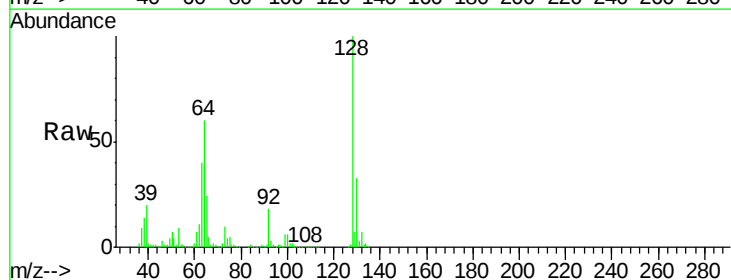
Tgt Ion: 128 Resp: 680893

Ion Ratio Lower Upper

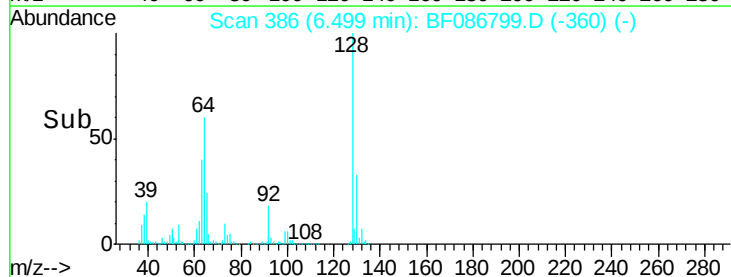
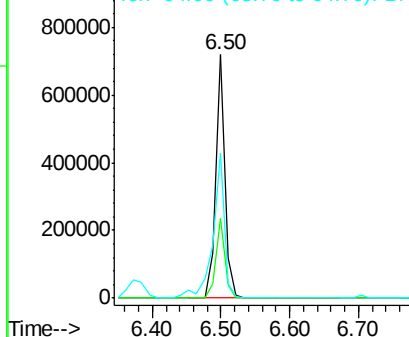
128 100

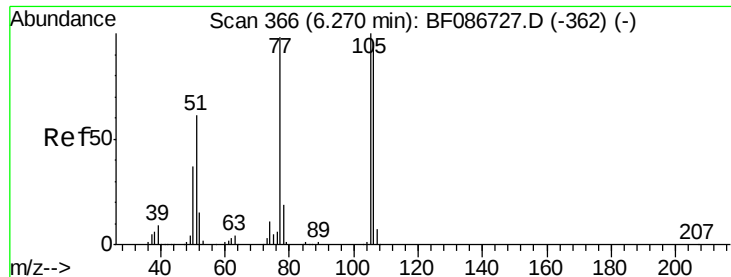
130 32.9 12.5 52.5

64 59.6 27.3 67.3



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





#9

Benzaldehyde

Concen: 41.48 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

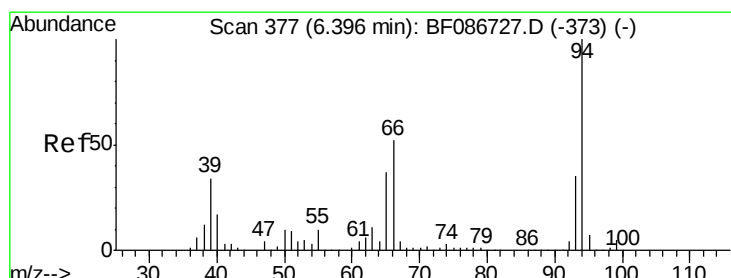
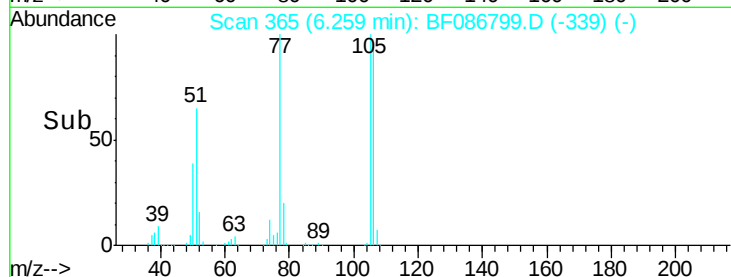
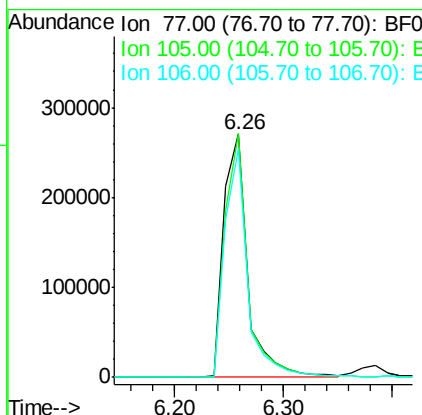
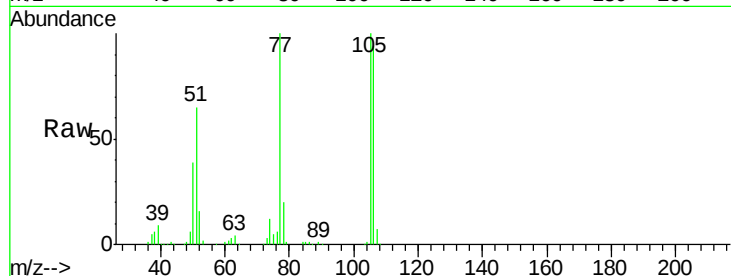
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
105	99.8	72.7	112.7
106	93.6	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 33.39 ng

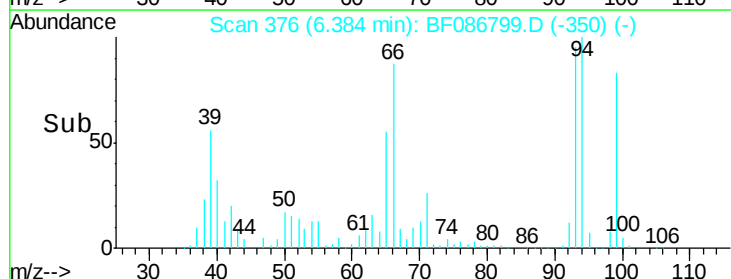
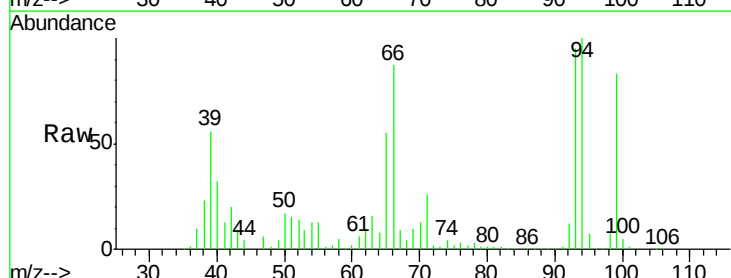
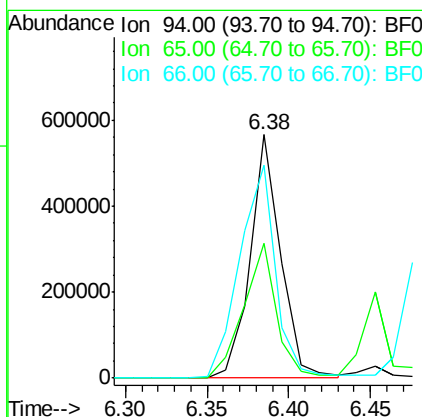
RT: 6.38 min Scan# 376

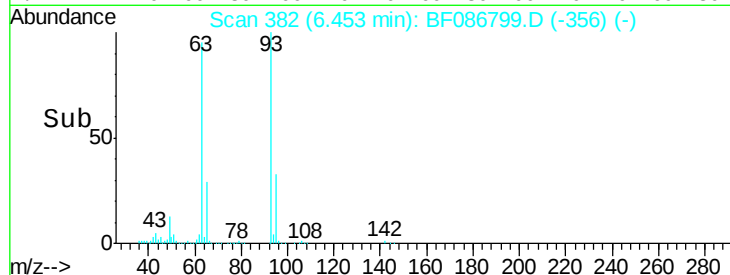
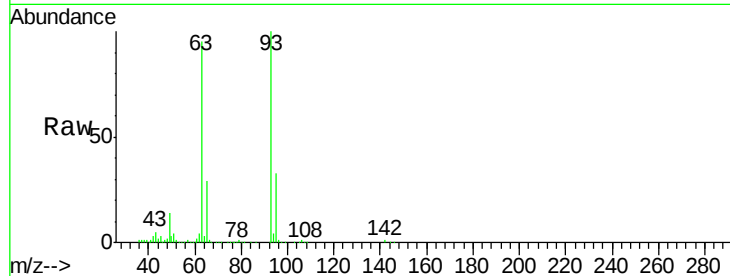
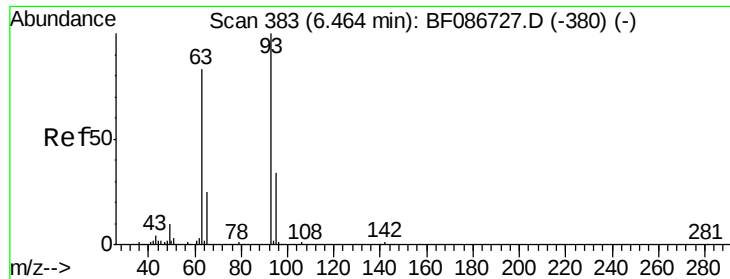
Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	55.3	7.2	47.2#
66	87.3	14.9	54.9#





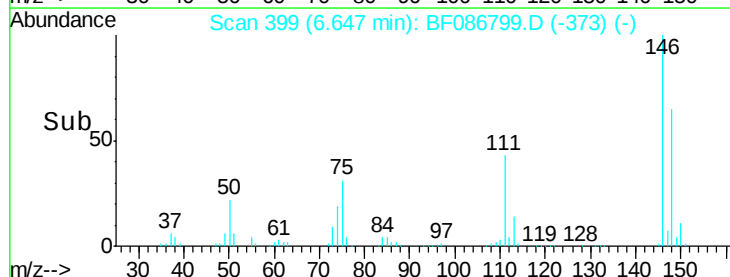
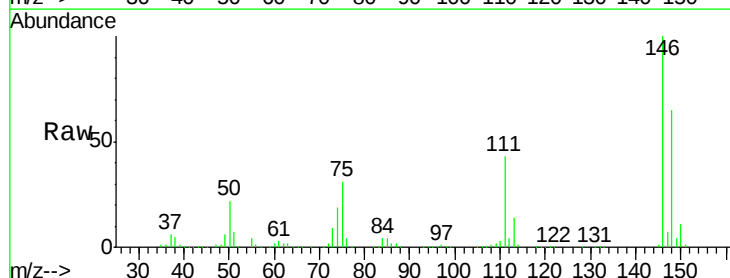
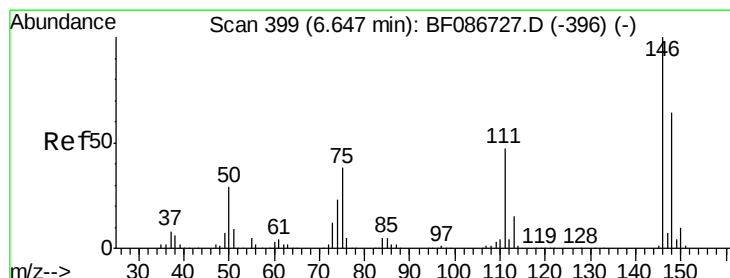
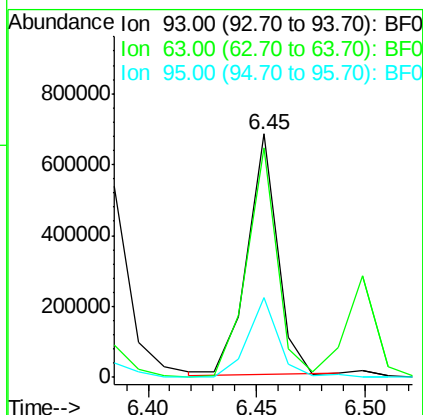
#11
bis(2-Chloroethyl)ether
Concen: 34.58 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	94.5	58.0	98.0
95	32.7	11.9	51.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

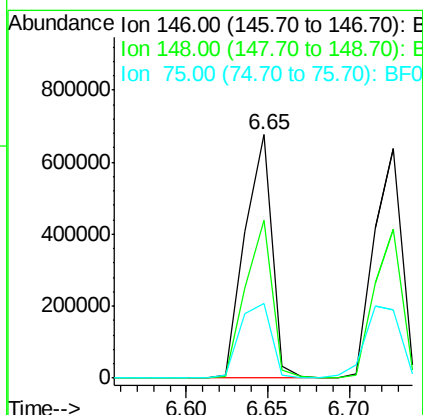
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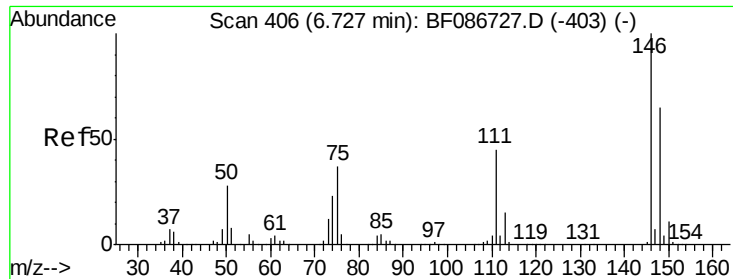
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#12
1,3-Dichlorobenzene
Concen: 40.82 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.9	52.4	78.6
75	30.8	22.8	34.2





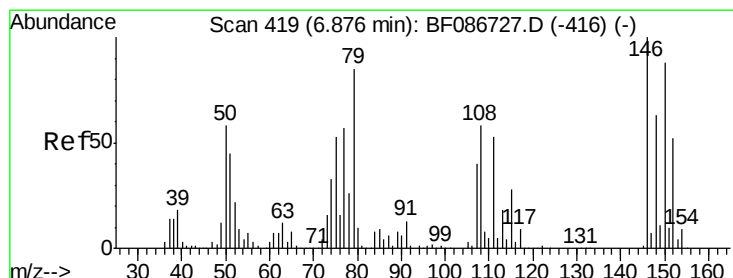
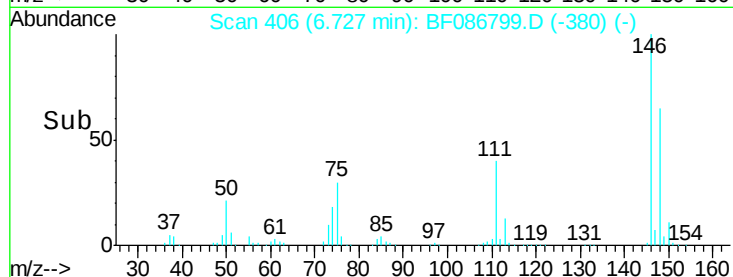
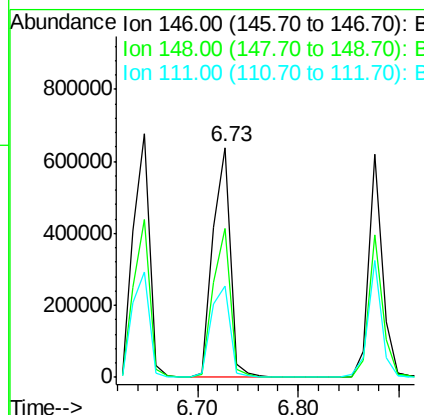
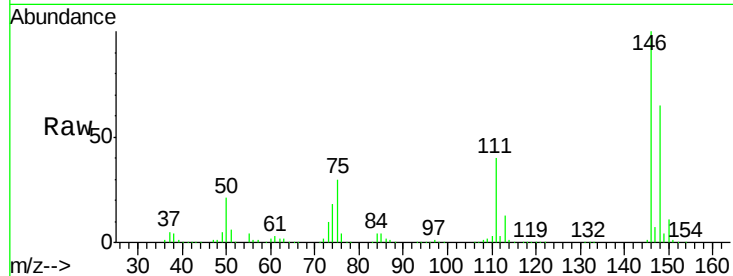
#13
1,4-Dichlorobenzene
Concen: 39.26 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.4
111	39.8	30.7	46.1

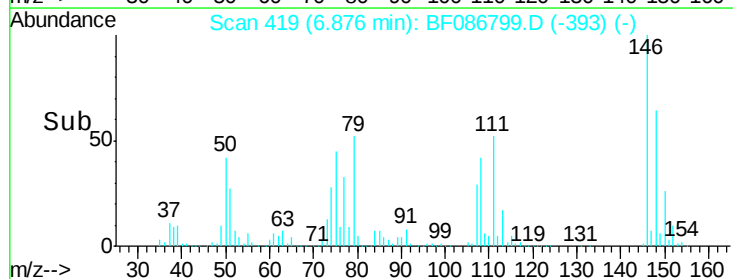
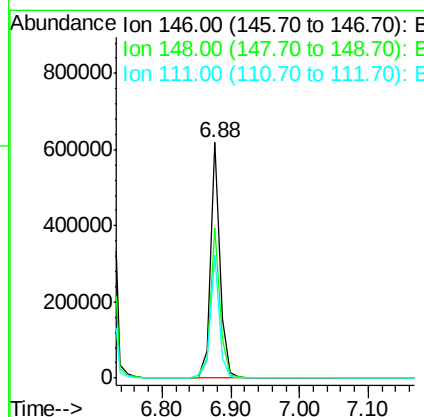
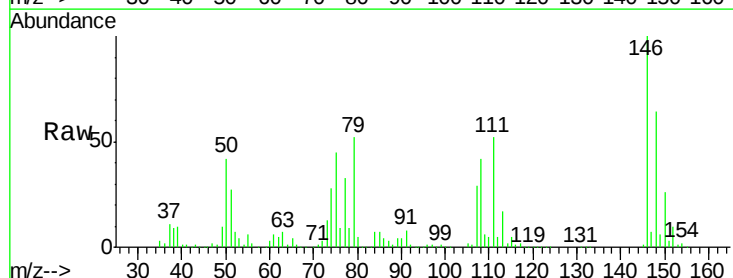
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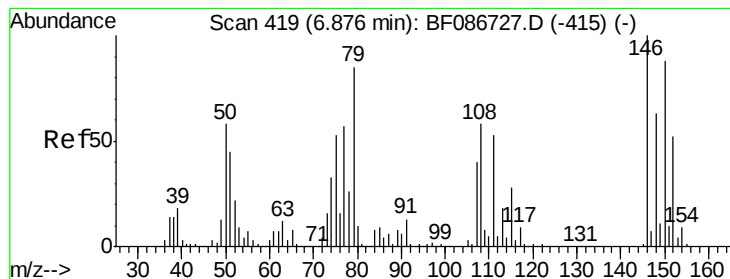
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#14
1,2-Dichlorobenzene
Concen: 35.05 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	52.2	36.2	54.4





#15

Benzyl Alcohol

Concen: 40.86 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 531061
Ion Ratio Lower Upper

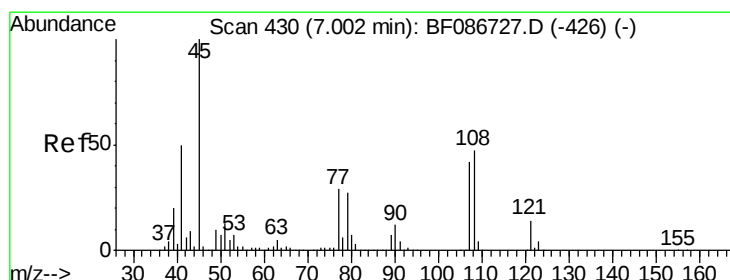
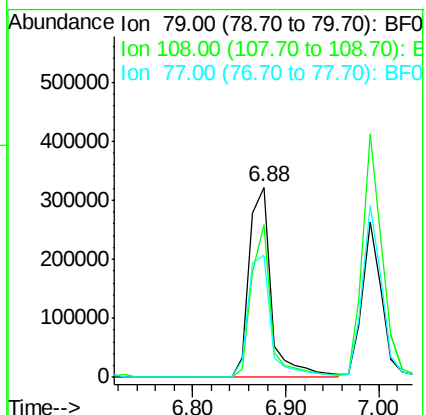
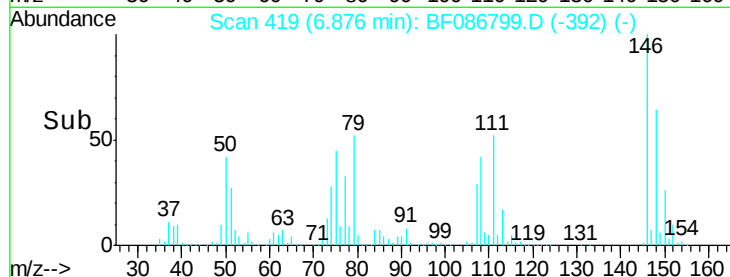
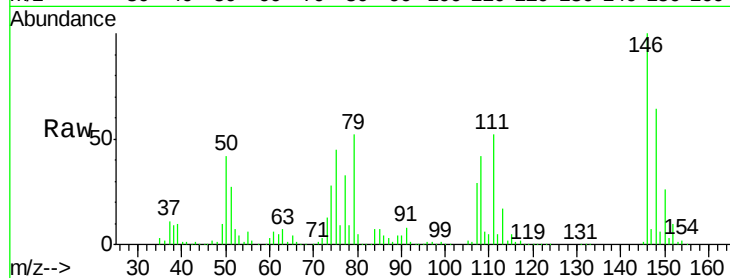
79 100

108 80.2 68.4 102.6

77 64.2 50.6 76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.94 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF086799.D

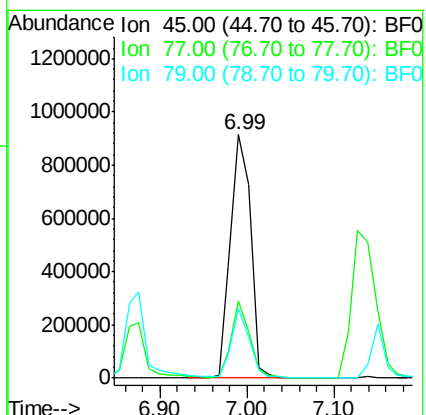
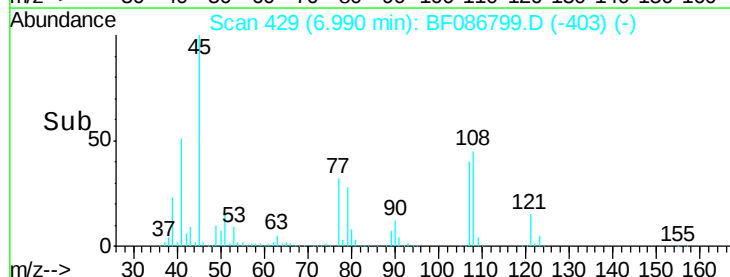
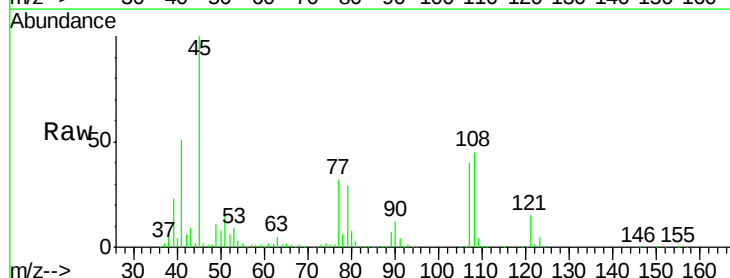
Acq: 8 May 2016 3:20

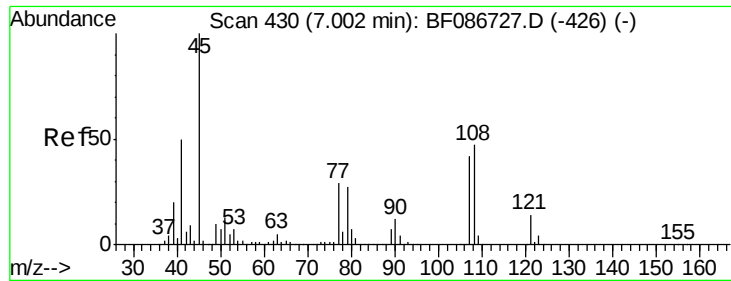
Tgt Ion: 45 Resp: 1467299
Ion Ratio Lower Upper

45 100

77 31.9 0.0 36.4

79 28.7 0.0 33.4





#17

2-Methylphenol

Concen: 36.64 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

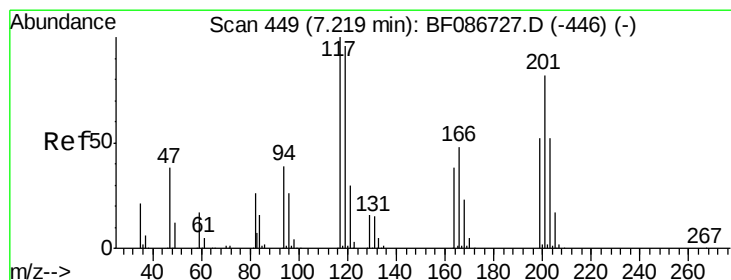
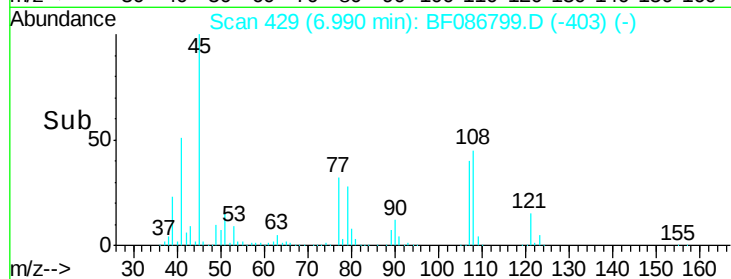
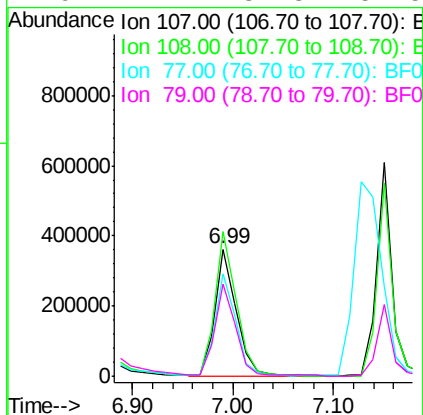
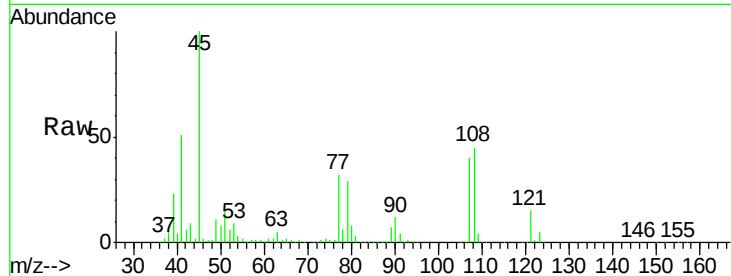
ClientSampleId :

SSTDCCC040

Tgt	Ion:107	Resp:	527984
Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.7	140.5
77	80.5	33.4	50.0#
79	72.4	34.3	51.5#

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#18

Hexachloroethane

Concen: 41.14 ng

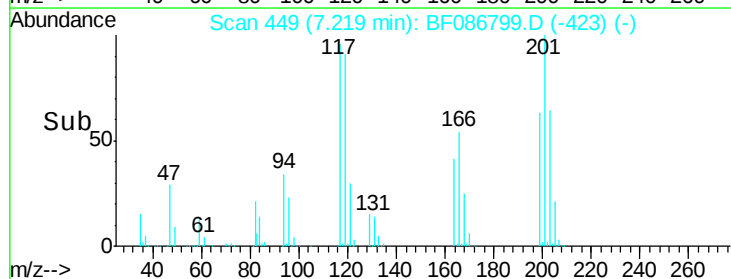
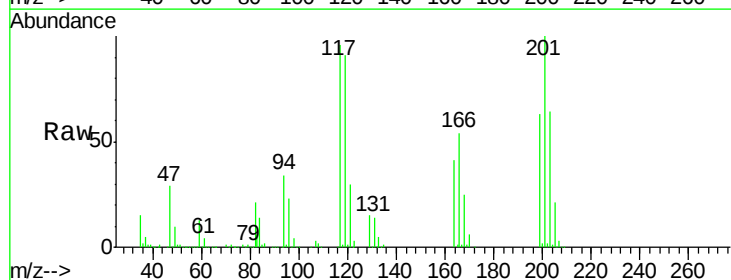
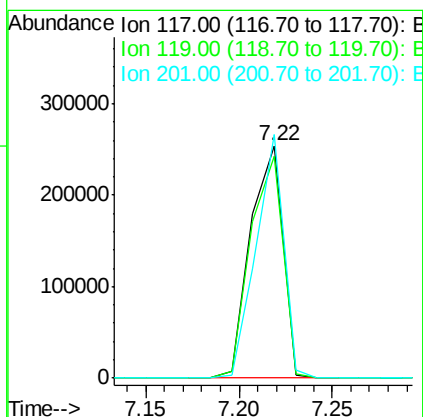
RT: 7.22 min Scan# 449

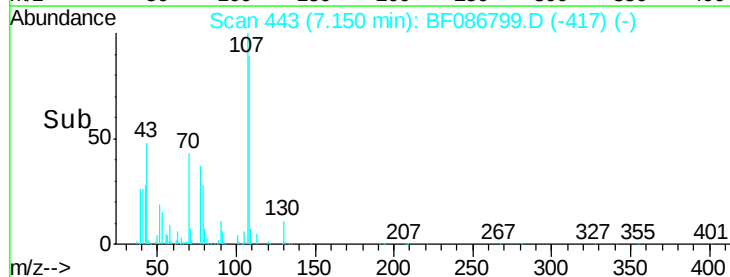
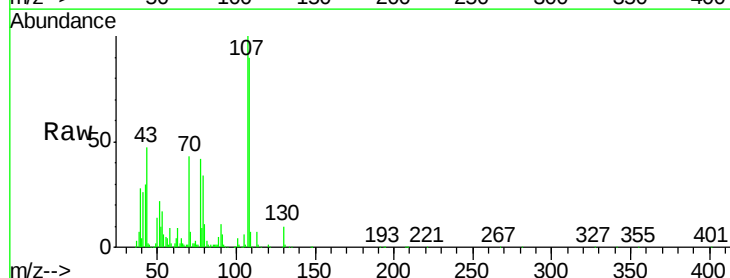
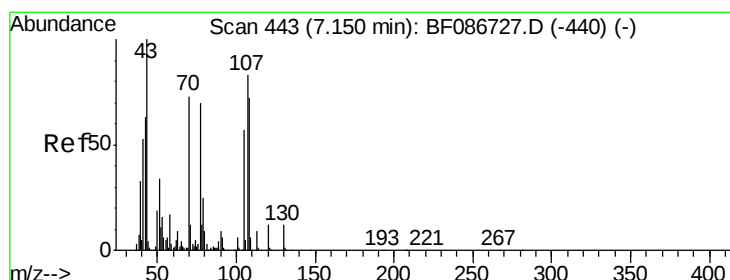
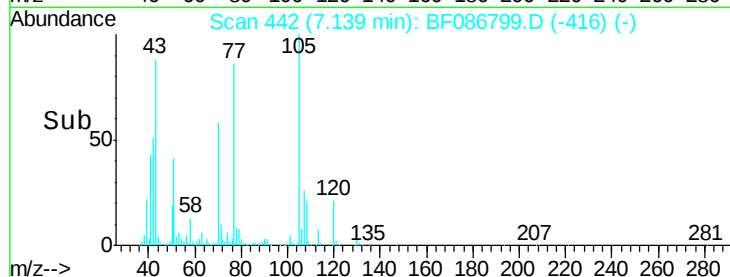
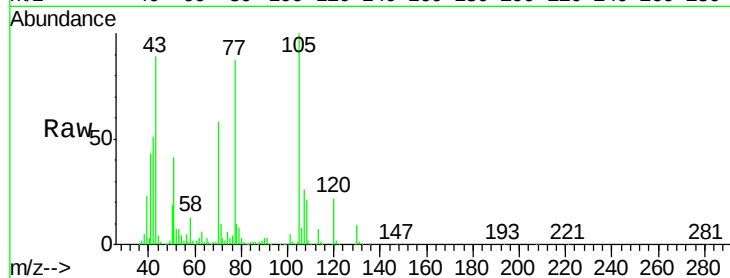
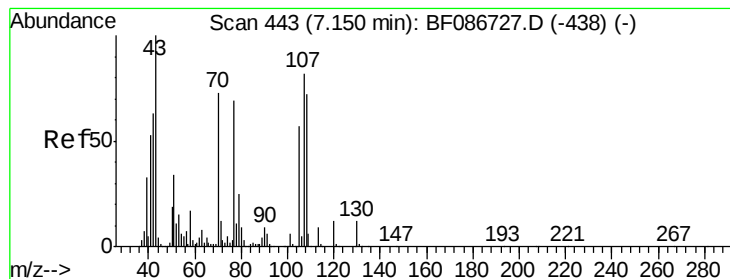
Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Tgt	Ion:117	Resp:	305189
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7
201	104.6	63.0	94.6#





#19

n-Nitroso-di-n-propylamine

Concen: 38.28 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 525442
Ion Ratio Lower Upper

70 100

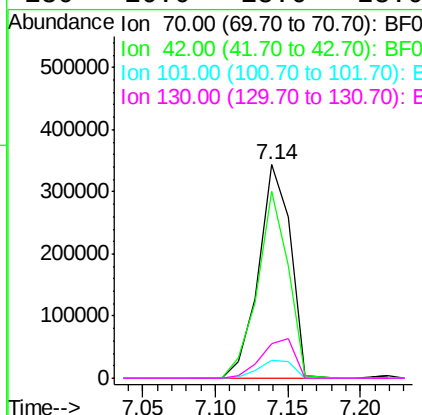
42 87.4 43.1 64.7#

101 8.2 8.1 12.1

130 16.0 18.6 28.0#

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#20

3+4-Methylphenols

Concen: 39.28 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

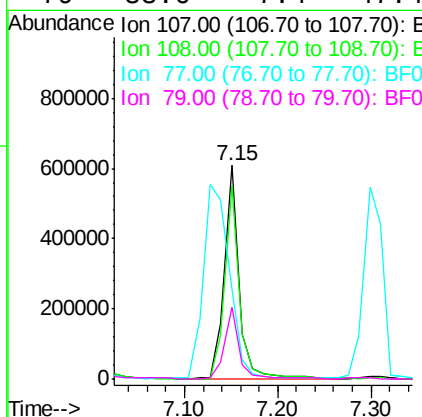
Tgt Ion: 107 Resp: 662708
Ion Ratio Lower Upper

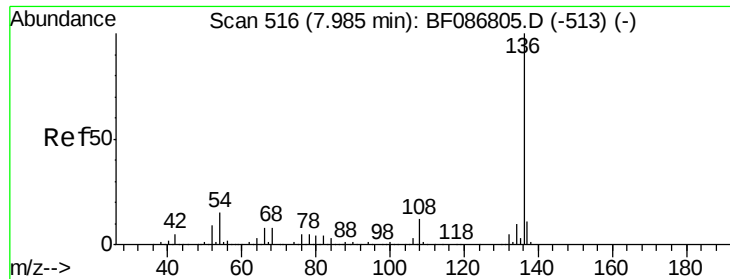
107 100

108 90.3 68.5 108.5

77 41.7 101.6 141.6#

79 33.6 7.4 47.4





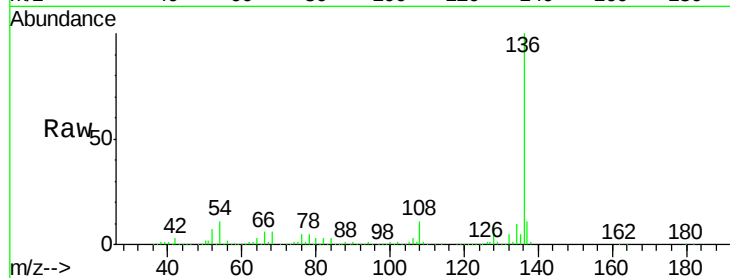
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

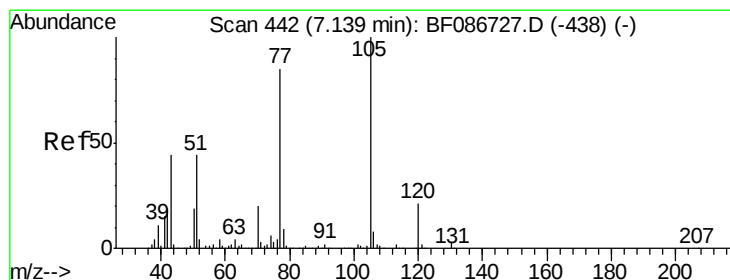
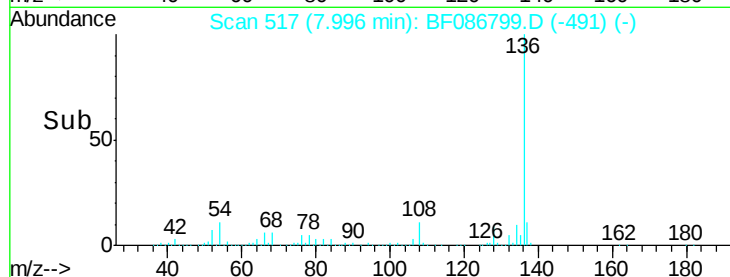
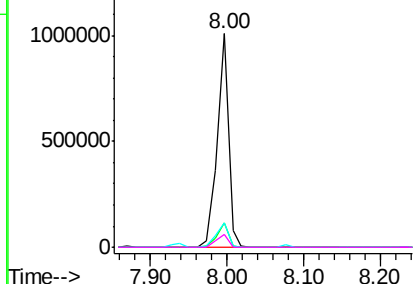
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	11.2	5.0	7.4#
68	6.2	4.4	6.6

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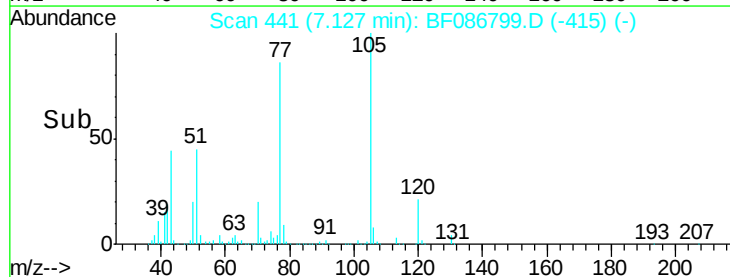
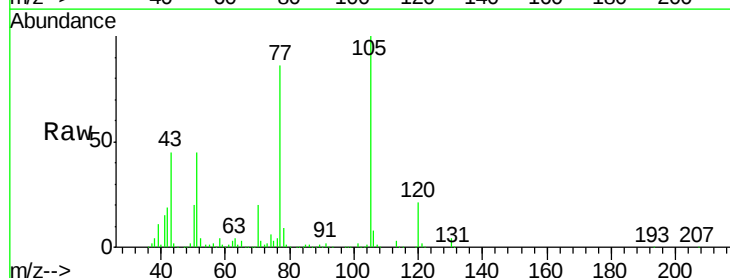
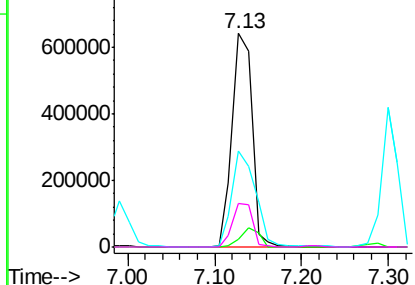
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

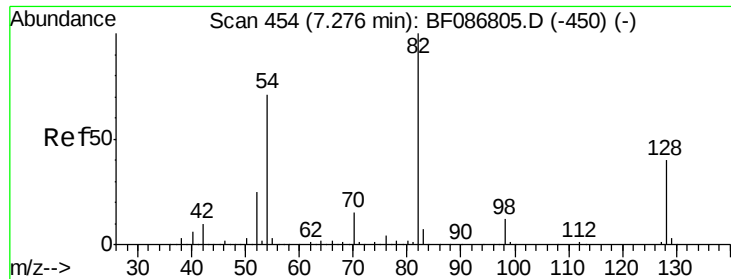


#22
Acetophenone
Concen: 43.07 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.4	4.8	7.2#
51	44.7	32.6	49.0
120	20.6	16.5	24.7

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.96 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1550740

Ion Ratio Lower Upper

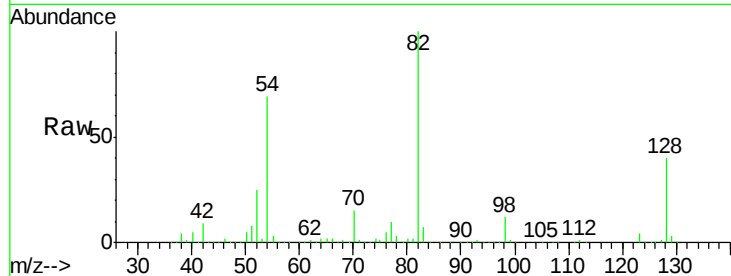
82 100

128 40.1 40.6 61.0#

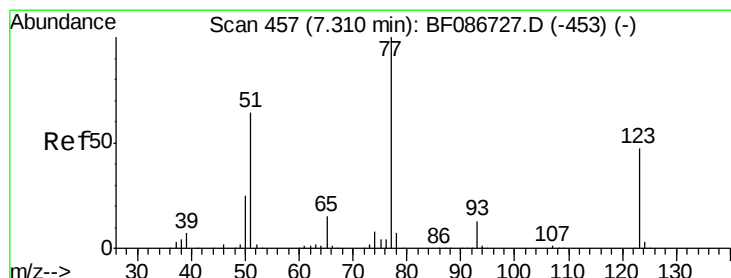
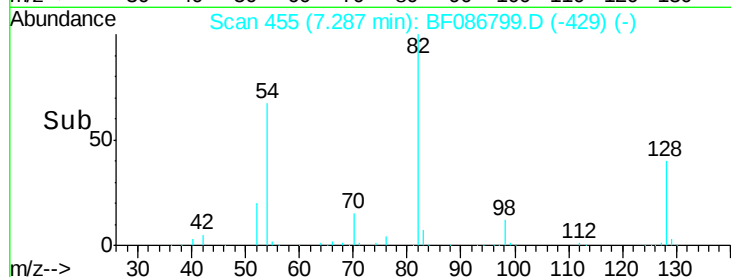
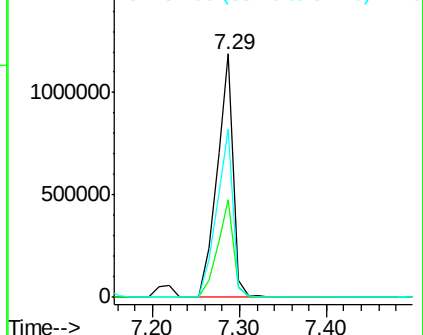
54 69.0 38.1 57.1#

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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: 38.62 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

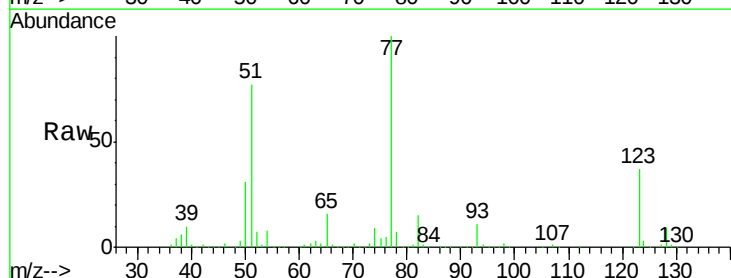
Tgt Ion: 77 Resp: 794274

Ion Ratio Lower Upper

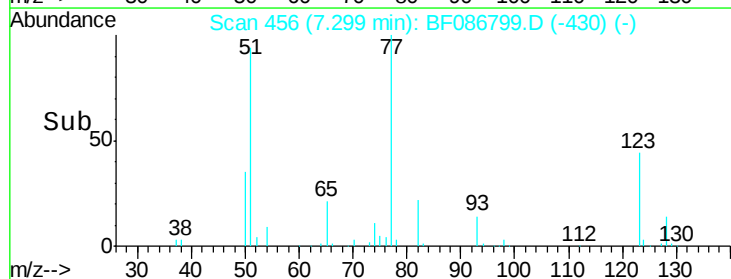
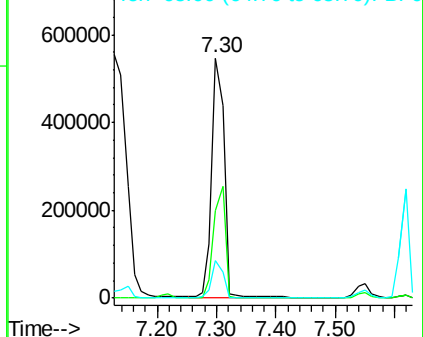
77 100

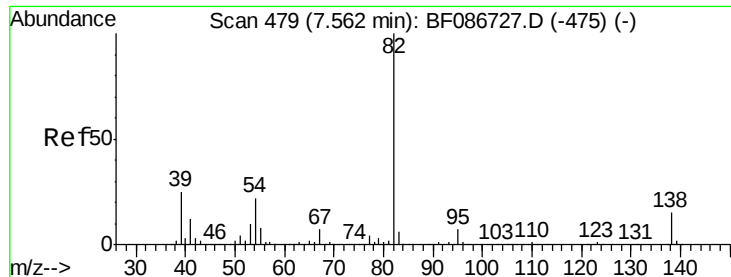
123 36.7 33.0 49.4

65 15.9 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: 39.90 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1478064

Ion Ratio Lower Upper

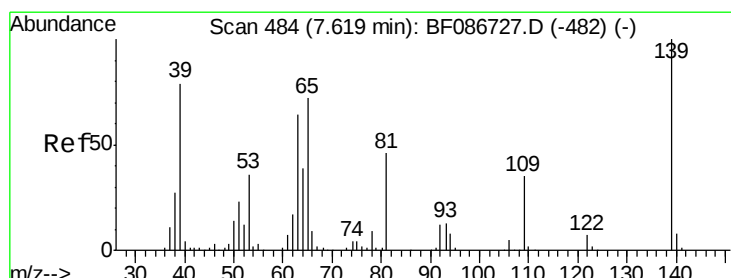
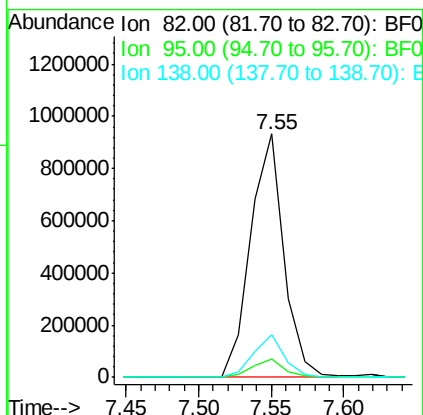
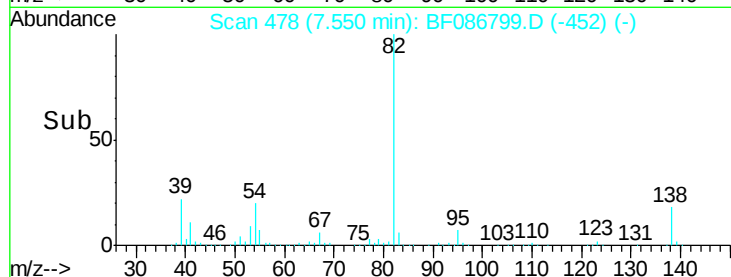
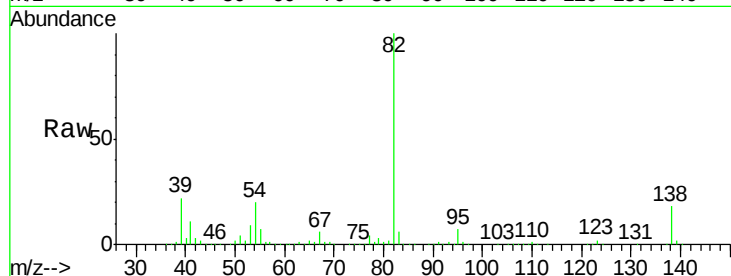
82 100

95 7.4 5.1 7.7

138 17.7 12.4 18.6

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#26

2-Nitrophenol

Concen: 42.70 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

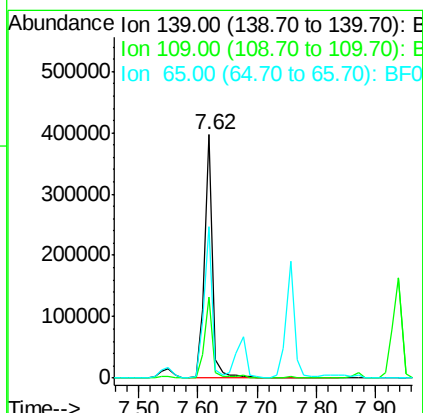
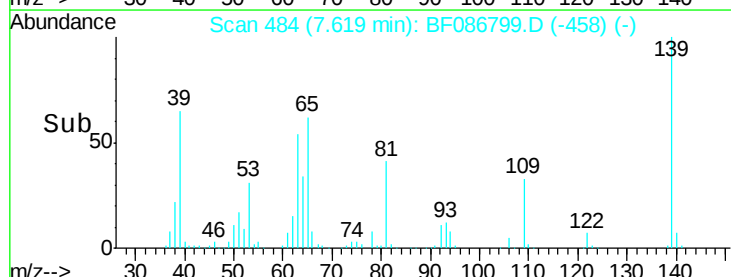
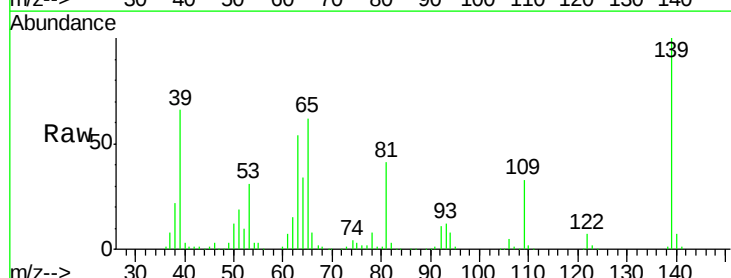
Tgt Ion: 139 Resp: 391857

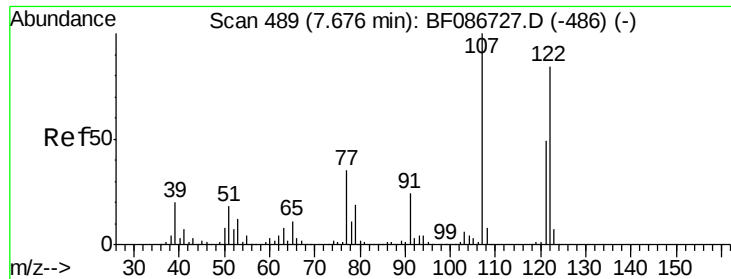
Ion Ratio Lower Upper

139 100

109 33.1 19.5 29.3#

65 62.3 37.5 56.3#





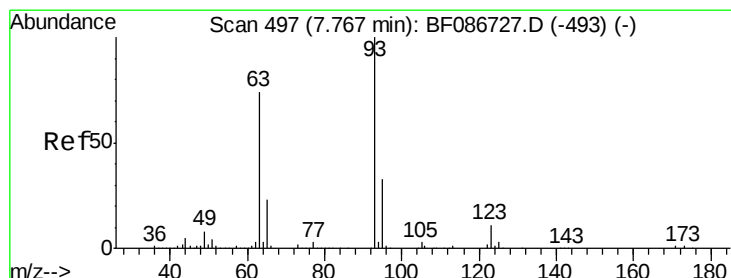
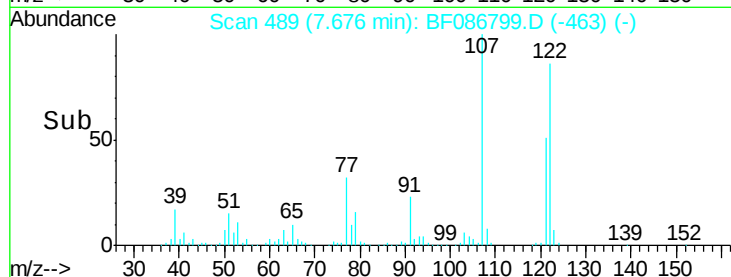
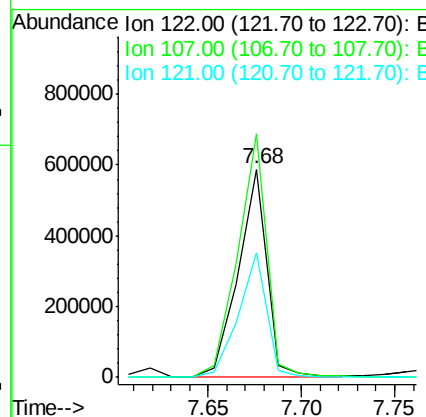
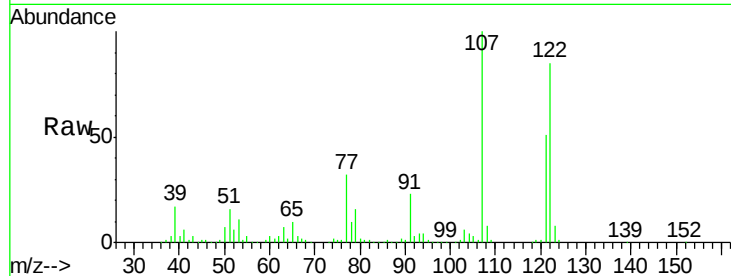
#27
 2,4-Dimethylphenol
 Concen: 39.40 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	634852		
107	117.1	82.0	123.0	
121	59.9	46.1	69.1	

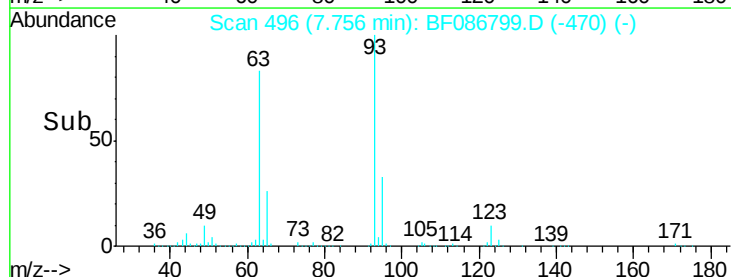
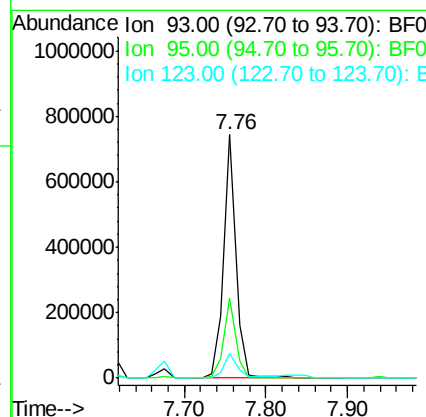
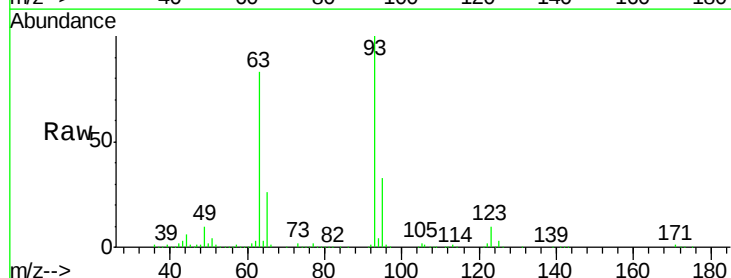
Manual Integrations
 APPROVED

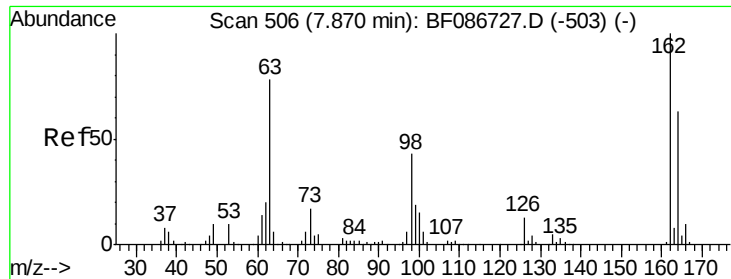
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.07 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	776325		
95	32.6	26.0	39.0	
123	9.9	9.5	14.3	





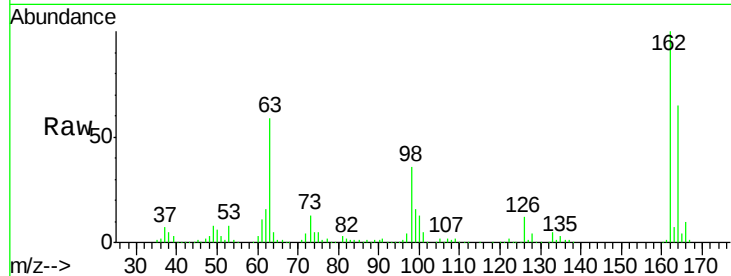
#29
2,4-Dichlorophenol
Concen: 40.87 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

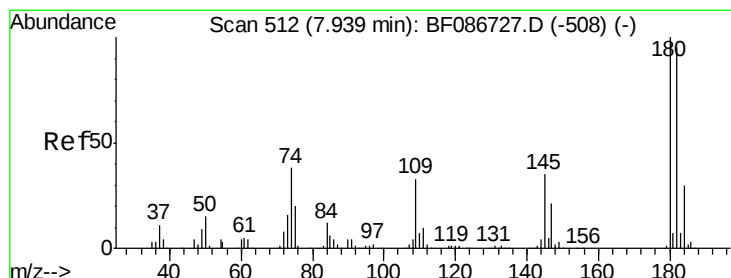
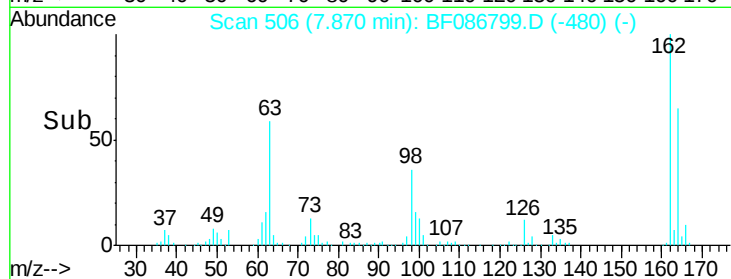
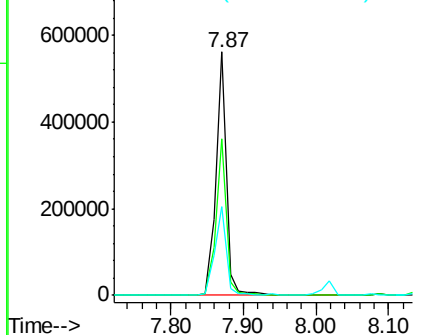
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	566274		
164	64.6	42.2	82.2	
98	36.4	19.0	59.0	

Manual Integrations
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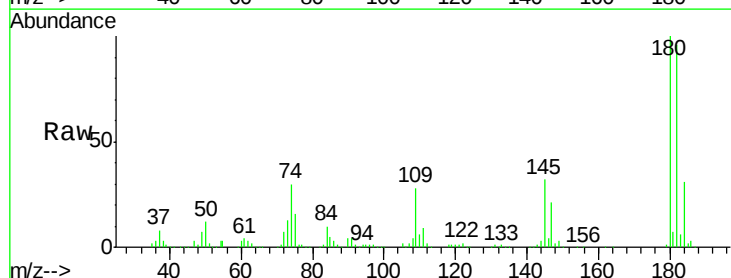


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

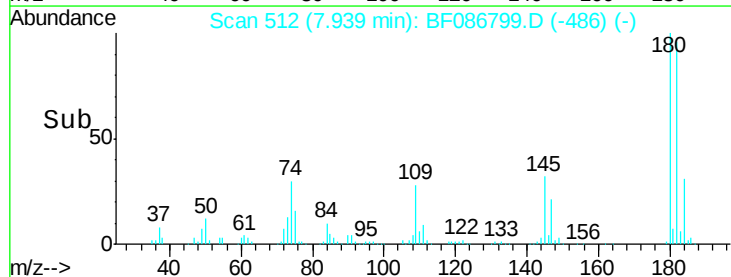
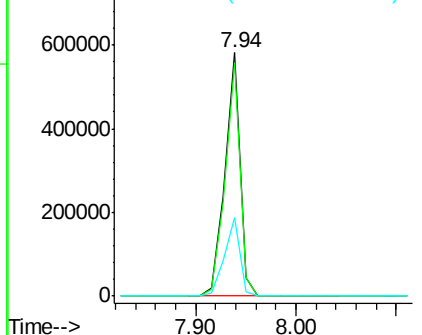


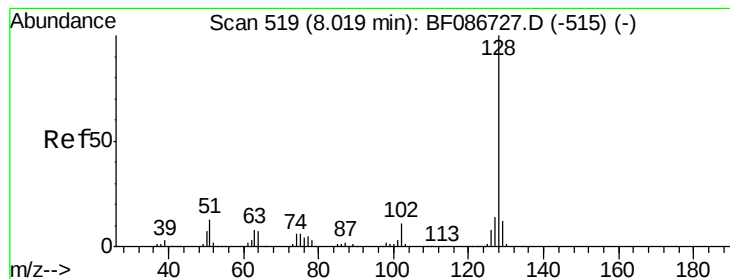
#30
1,2,4-Trichlorobenzene
Concen: 39.44 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	609567		
182	95.7	78.0	117.0	
145	32.4	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: 38.15 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1992313

Ion Ratio Lower Upper

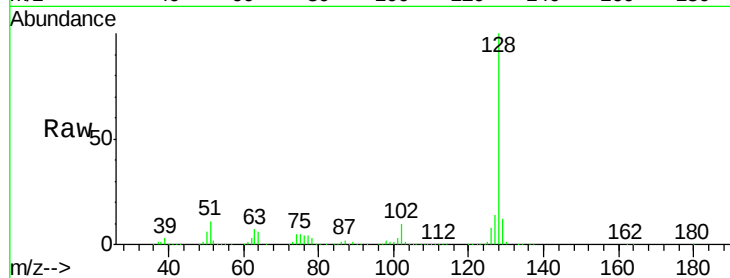
128 100

129 11.6 8.6 13.0

127 14.1 10.8 16.2

Manual Integrations
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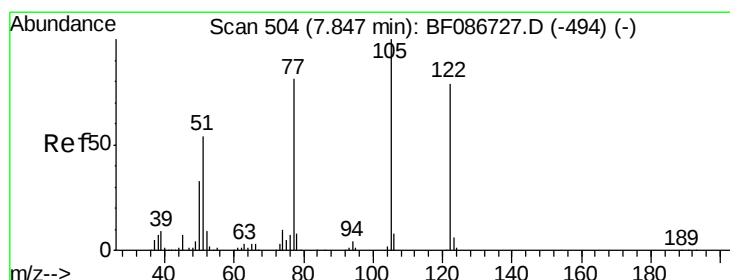
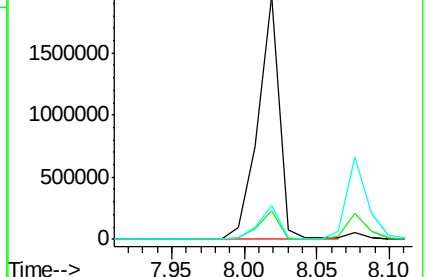
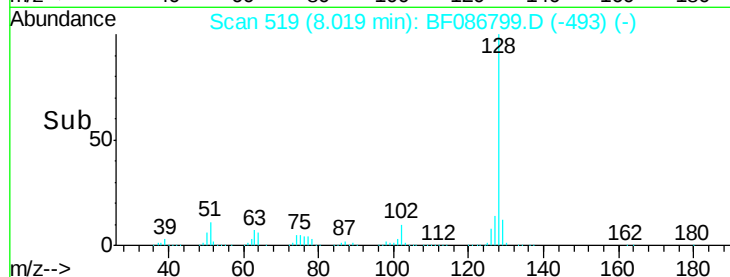
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 61.56 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

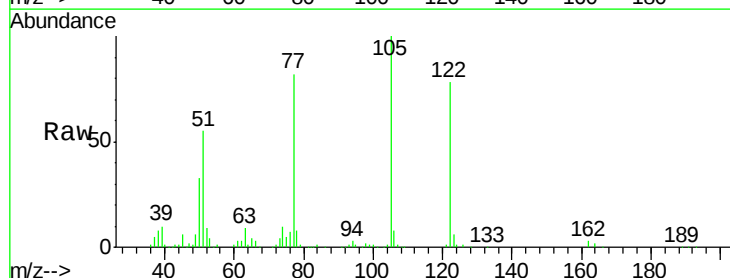
Tgt Ion:122 Resp: 405131

Ion Ratio Lower Upper

122 100

105 128.0 92.6 132.6

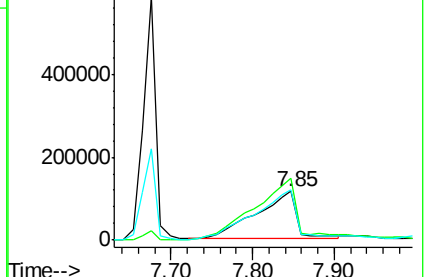
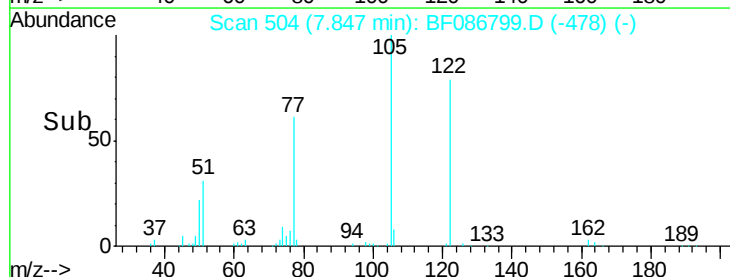
77 104.9 60.0 100.0#

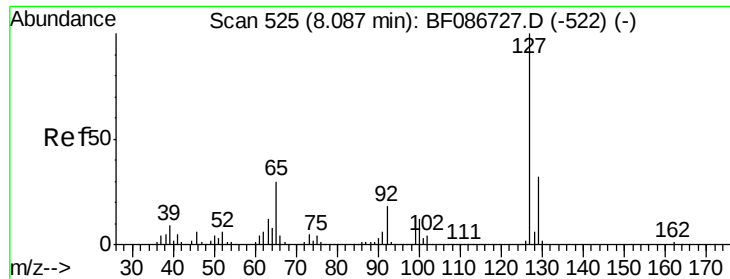


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





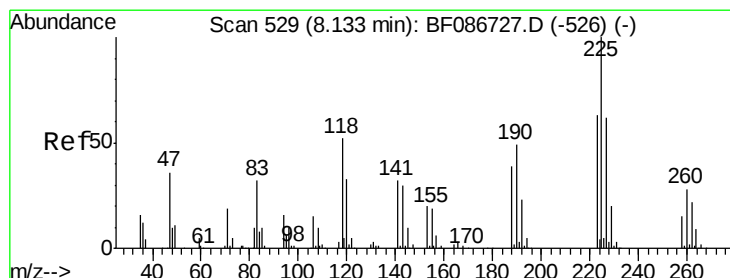
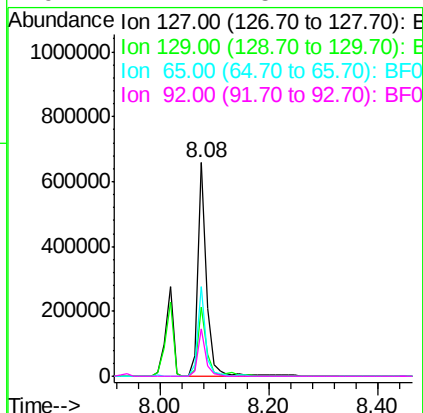
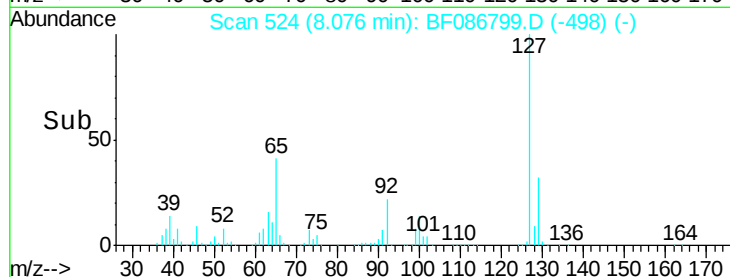
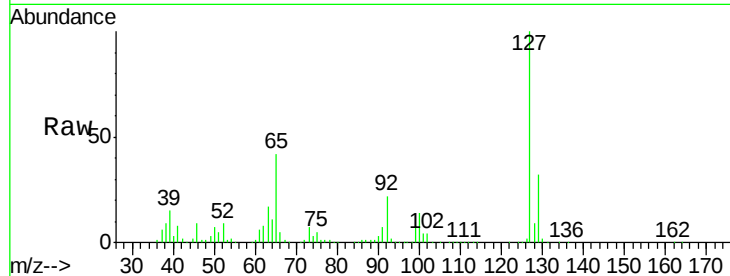
#33
4-Chloroaniline
Concen: 35.16 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.2	26.2	39.4
65	42.0	23.0	34.4
92	22.2	15.1	22.7

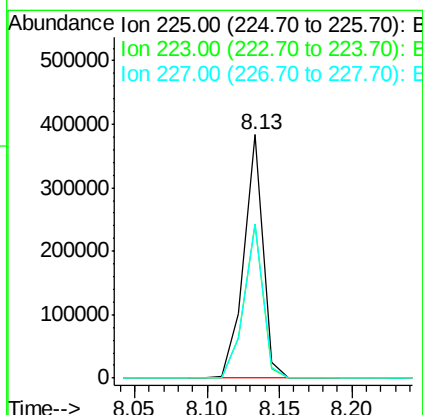
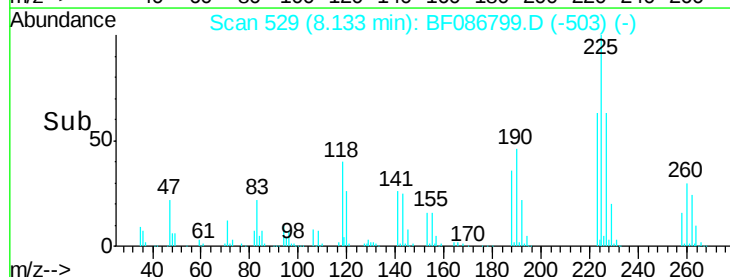
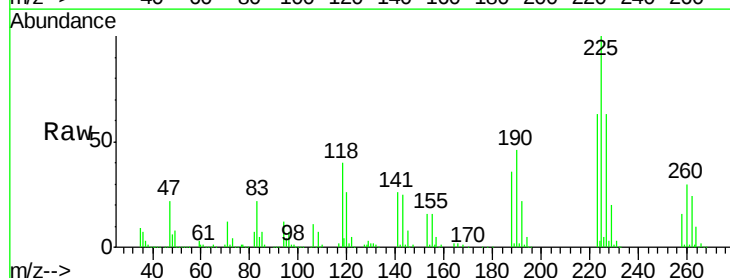
Manual Integrations
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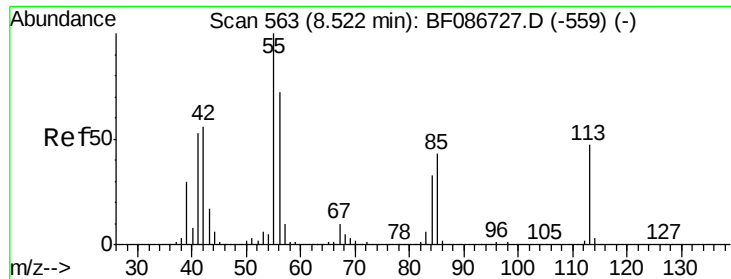
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#34
Hexachlorobutadiene
Concen: 40.08 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

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





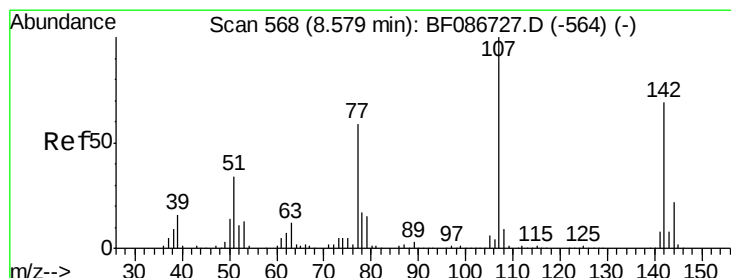
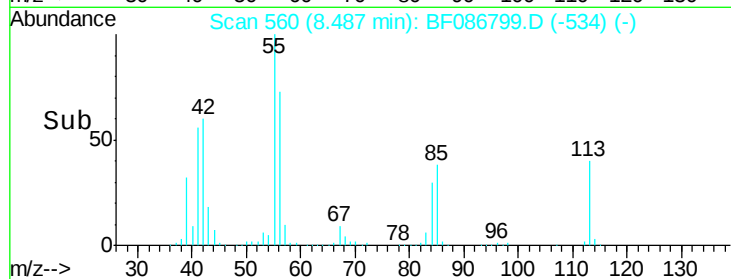
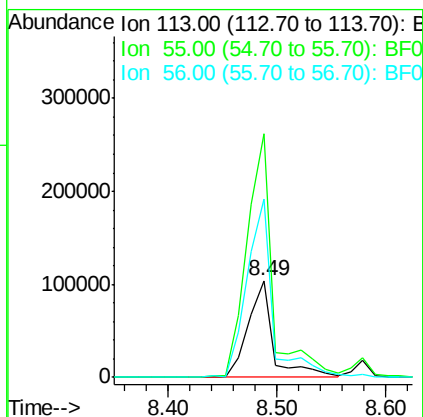
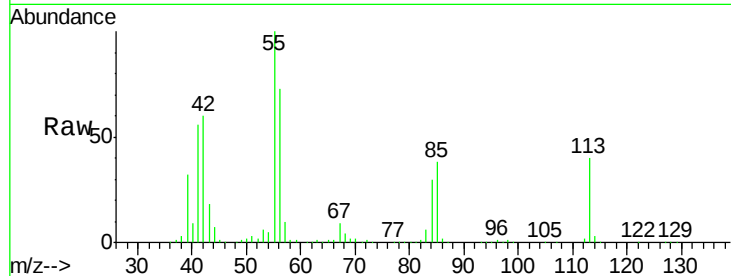
#35
 Caprolactam
 Concen: 39.03 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 167362
 Ion Ratio Lower Upper
 113 100
 55 251.8 162.0 202.0#
 56 184.1 115.3 155.3#

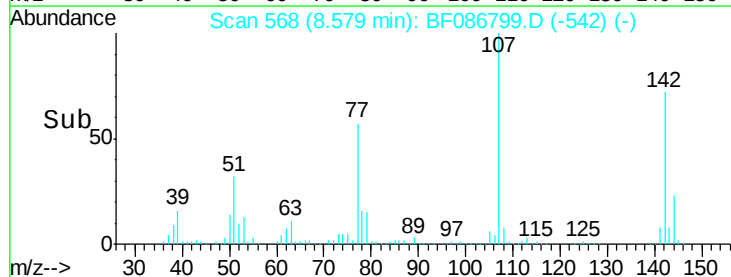
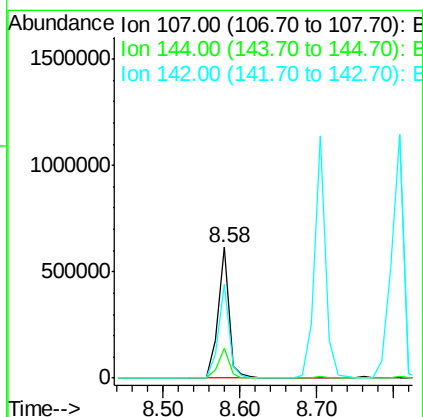
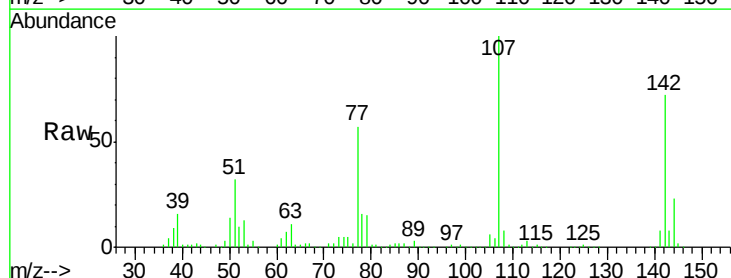
Manual Integrations
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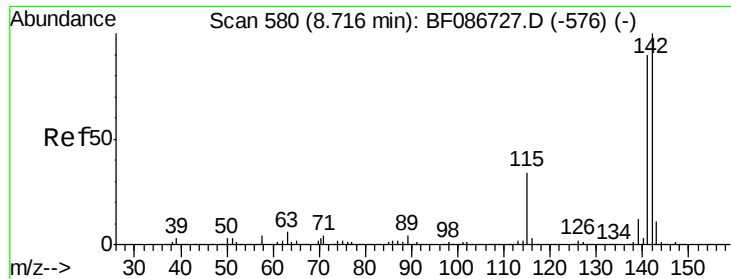
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#36
 4-Chloro-3-methylphenol
 Concen: 38.94 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Tgt Ion:107 Resp: 615468
 Ion Ratio Lower Upper
 107 100
 144 23.1 20.7 31.1
 142 71.7 63.2 94.8





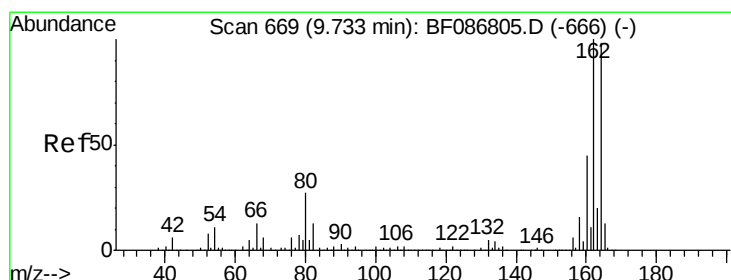
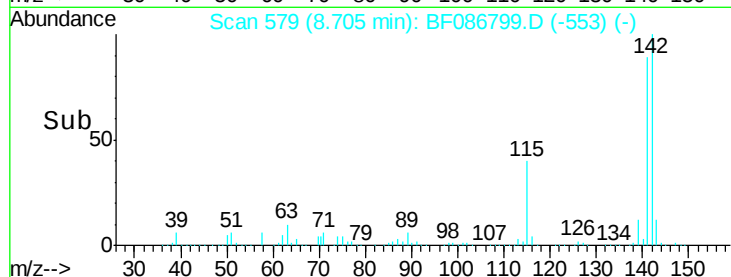
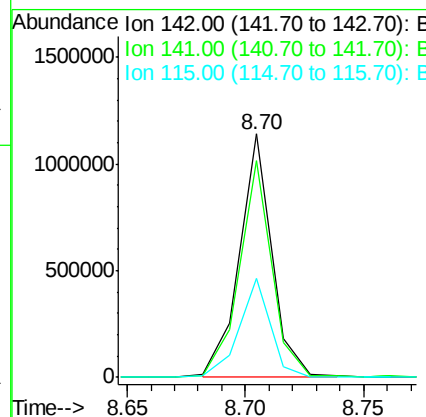
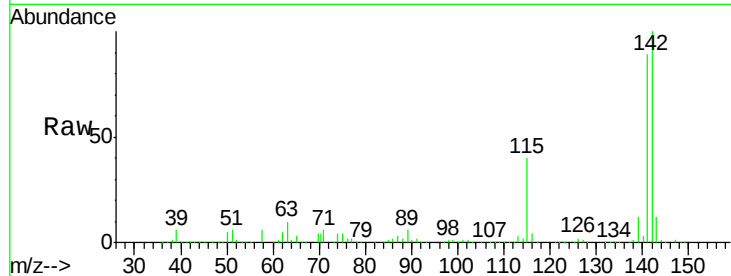
#37
2-Methylnaphthalene
Concen: 35.48 ng m
RT: 8.70 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	40.5	26.6	39.8

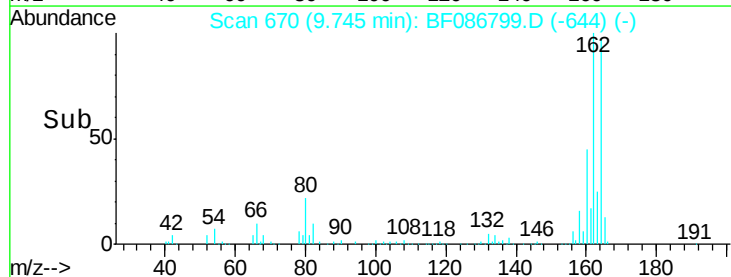
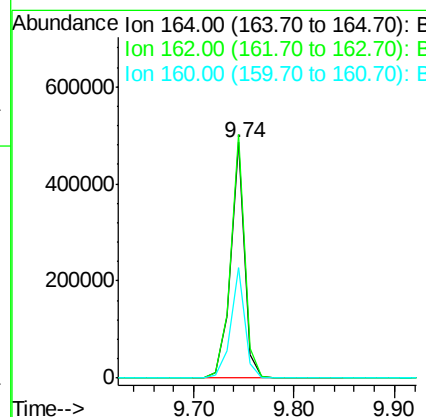
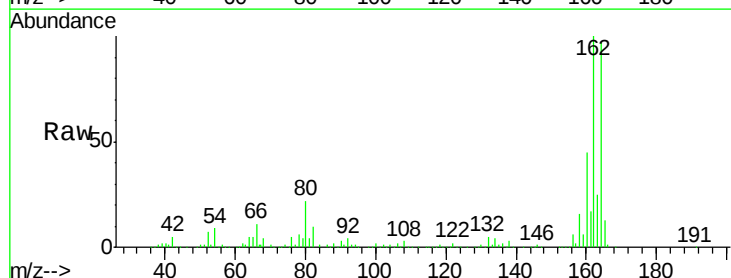
Manual Integrations
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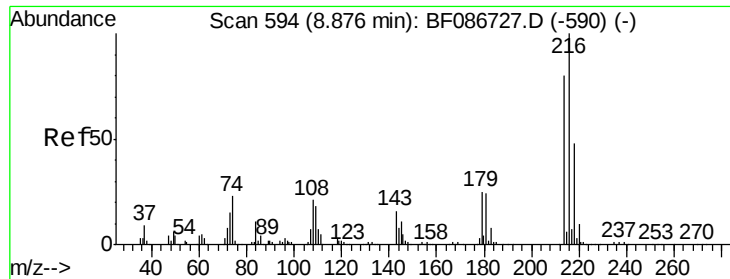
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#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.8	124.2
160	46.9	36.9	55.3





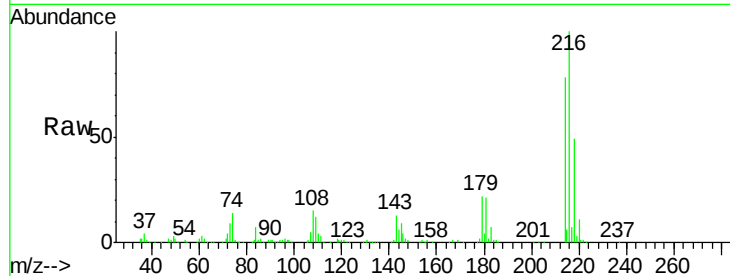
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.92 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	576967		
214	79.1	62.6	93.8	
179	23.7	18.2	27.4	
108	22.6	17.5	26.3	

Manual Integrations
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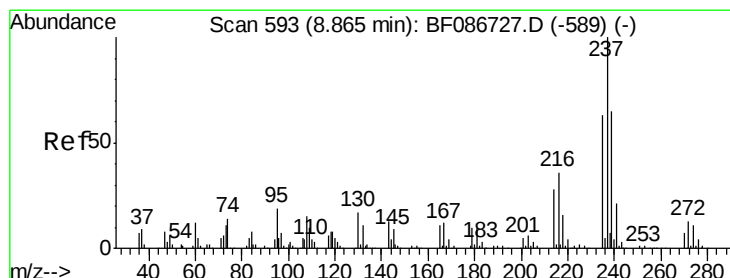
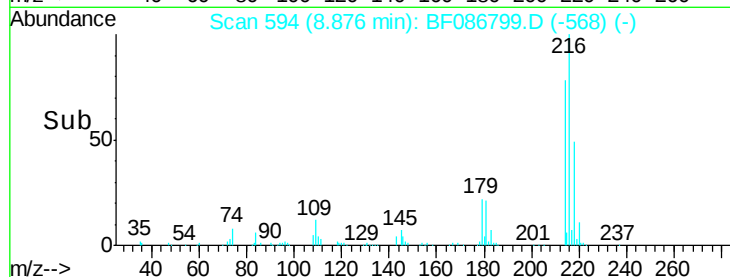
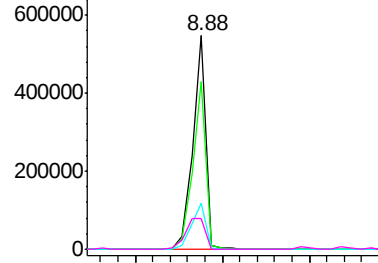
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

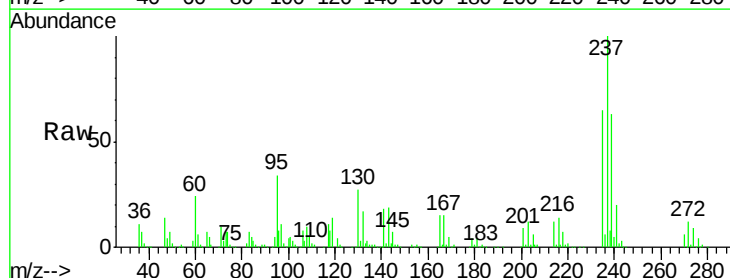
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 46.23 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	269020		
235	65.4	47.2	87.2	
272	11.8	0.0	31.1	

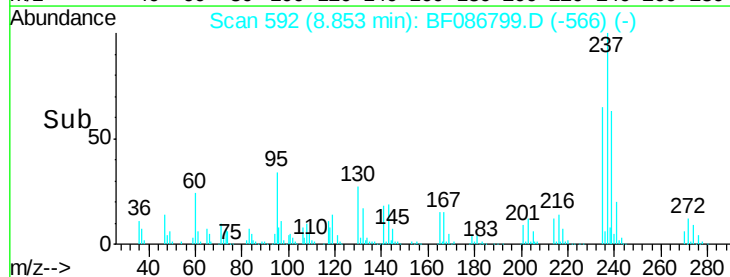
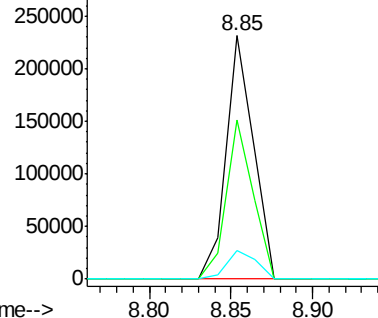


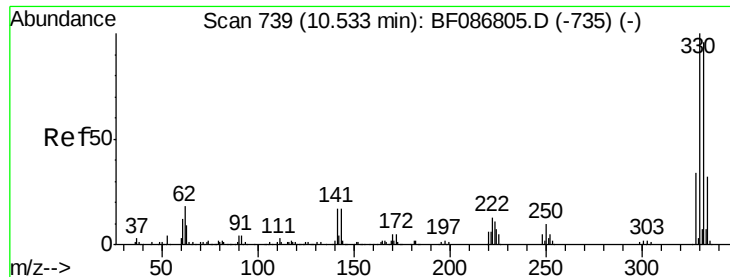
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





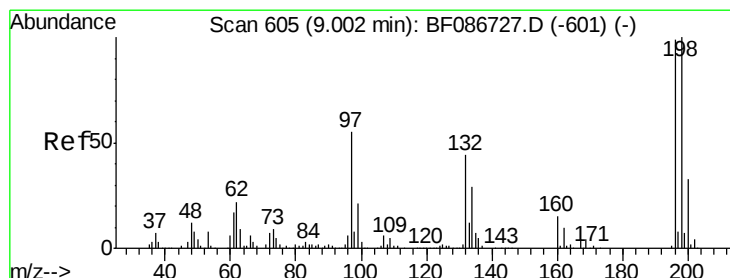
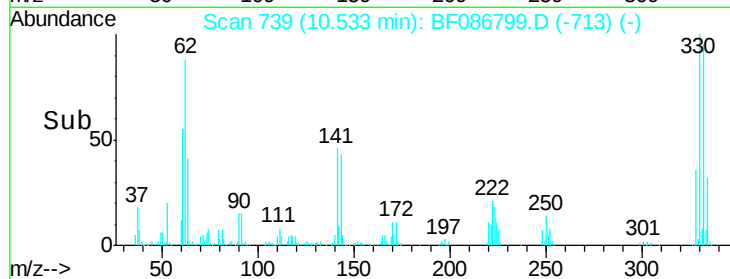
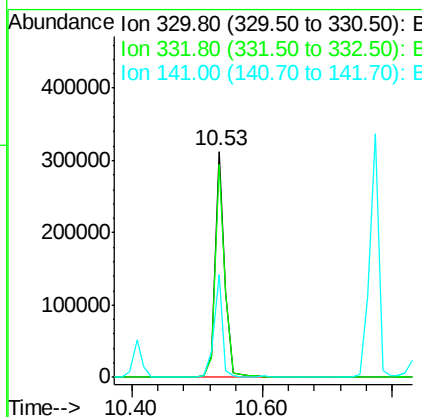
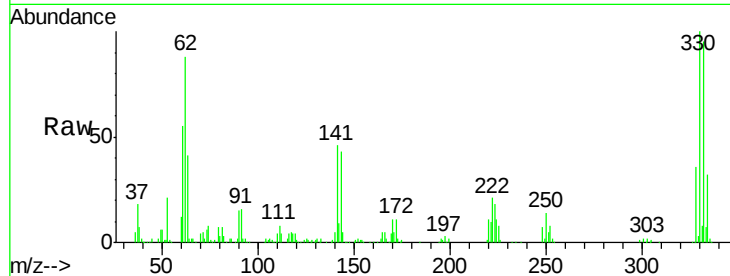
#41
 2,4,6-Tribromophenol
 Concen: 72.61 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	329900		
332	96.1	79.0	118.4	
141	40.7	31.2	46.8	

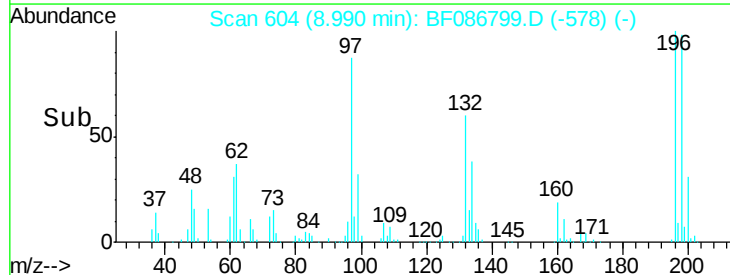
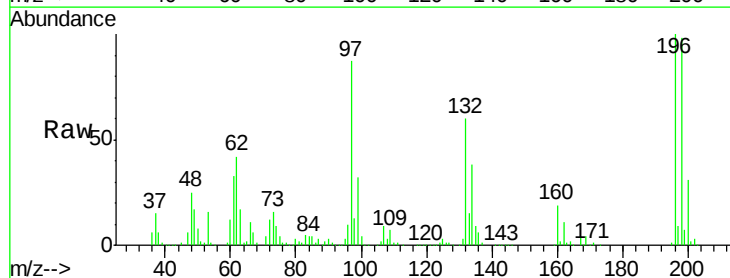
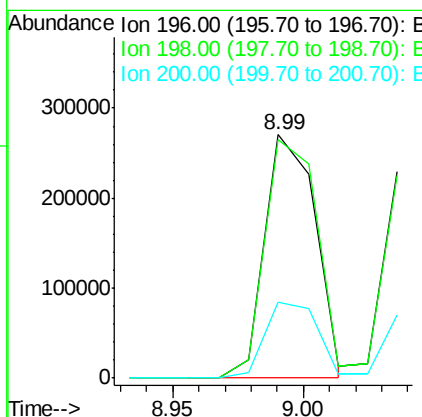
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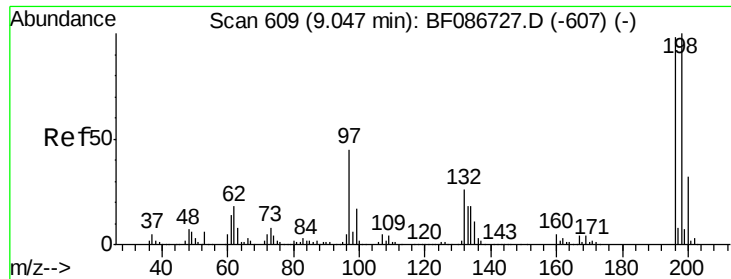
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#42
 2,4,6-Trichlorophenol
 Concen: 42.64 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	364512		
198	98.0	74.7	112.1	
200	31.4	23.8	35.6	





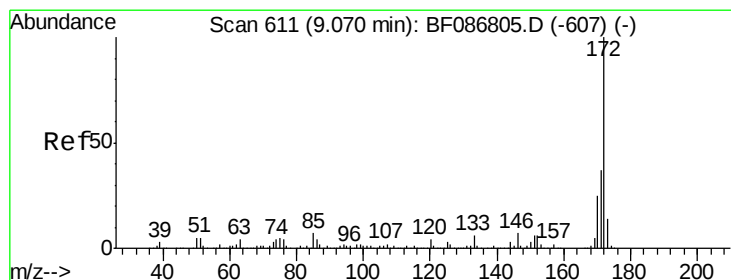
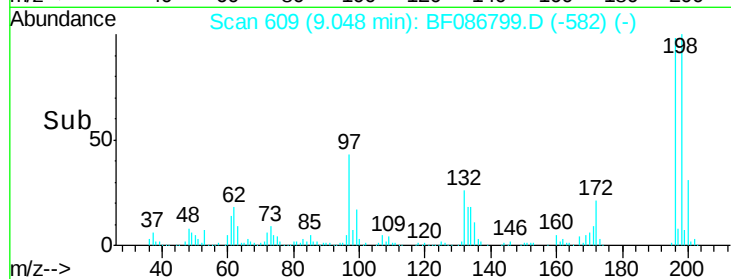
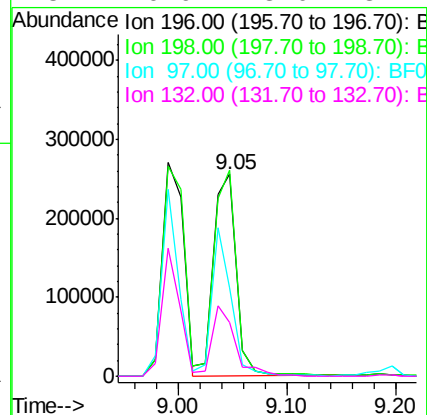
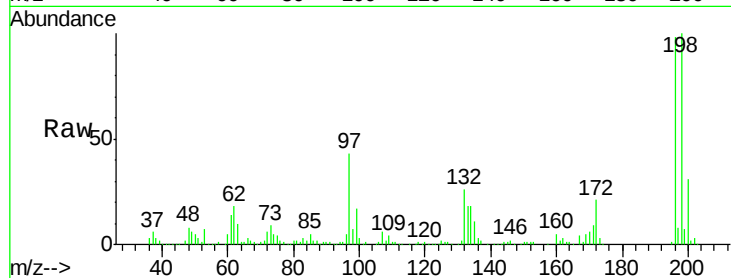
#43
 2,4,5-Trichlorophenol
 Concen: 42.17 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	376629		
198	102.1	77.5	116.3	
97	44.0	34.8	52.2	
132	26.9	23.0	34.4	

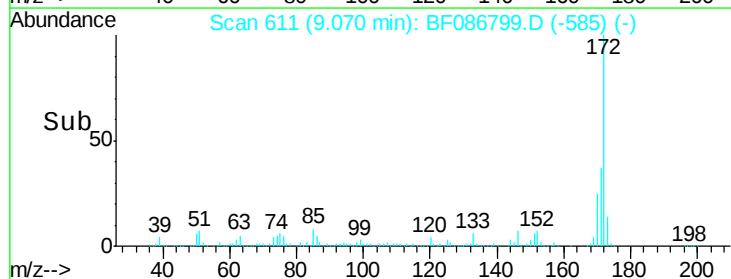
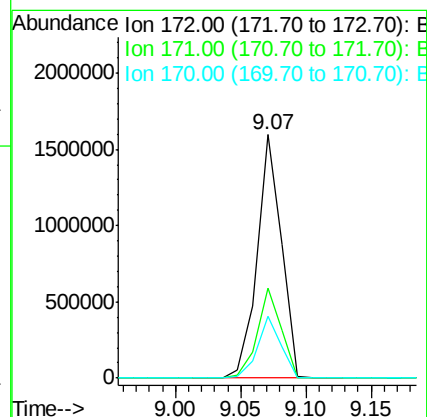
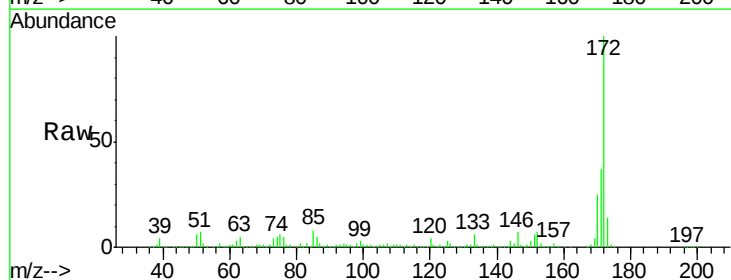
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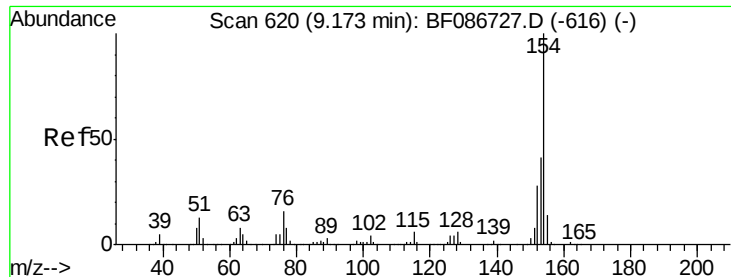
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#44
 2-Fluorobiphenyl
 Concen: 73.05 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2069860		
171	37.1	29.0	43.6	
170	25.3	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 38.73 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1470479

Ion Ratio Lower Upper

154 100

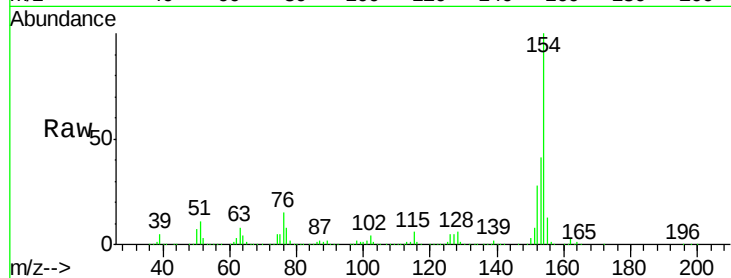
153 41.5 20.3 60.3

76 14.9 0.0 30.2

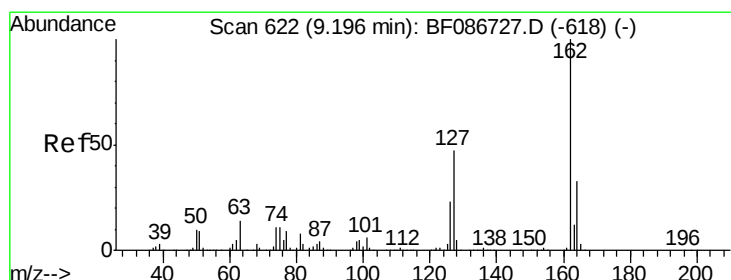
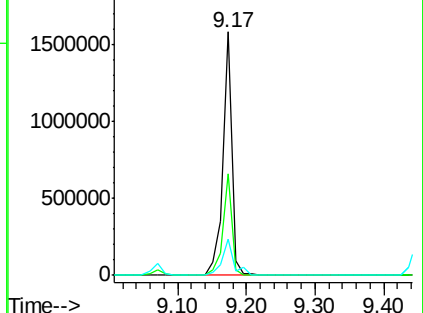
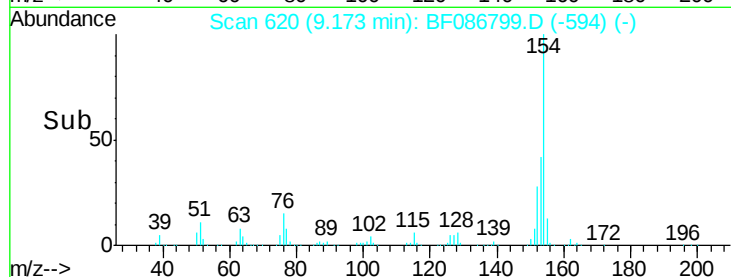
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 38.70 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

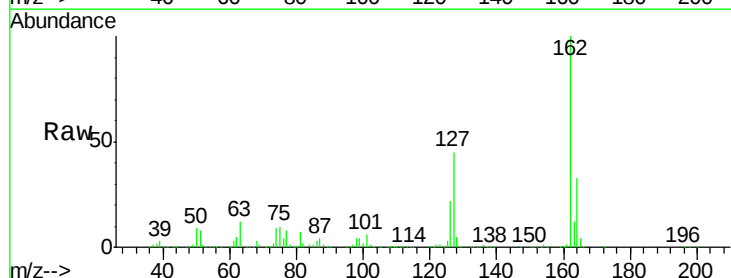
Tgt Ion:162 Resp: 1133988

Ion Ratio Lower Upper

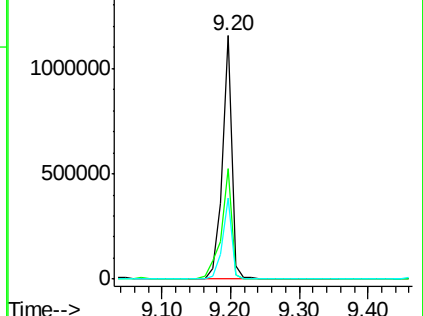
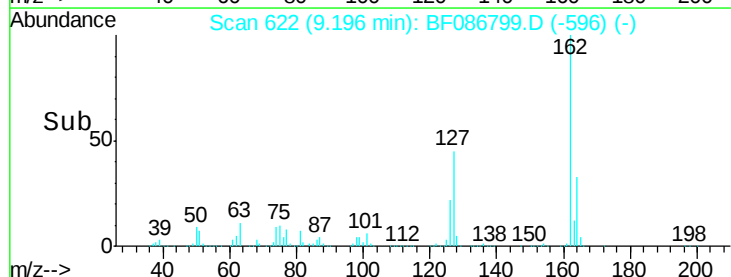
162 100

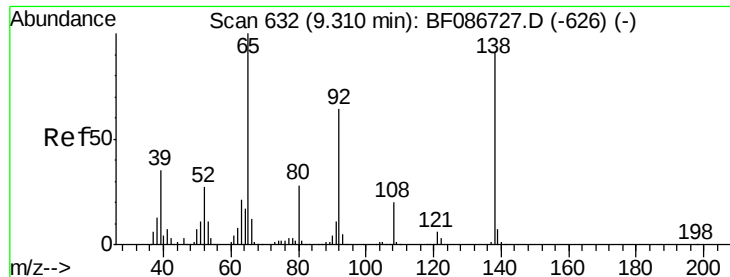
127 45.4 31.8 47.6

164 33.3 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





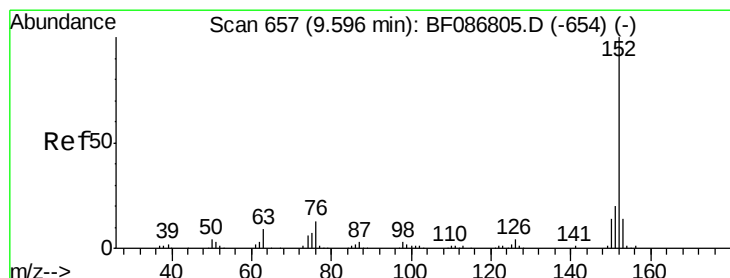
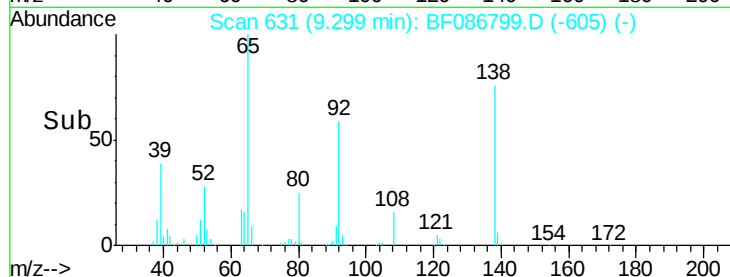
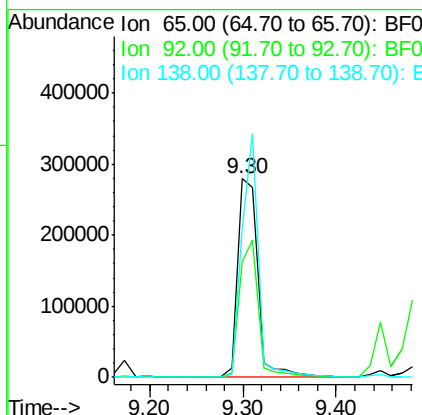
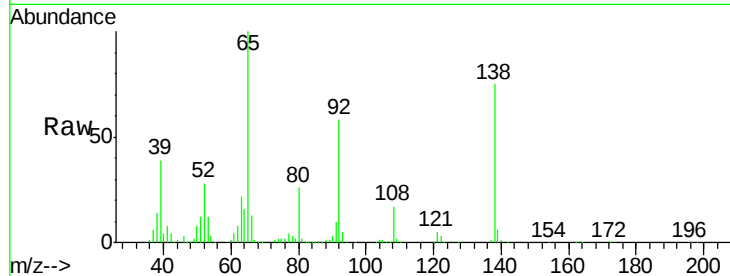
#47
 2-Nitroaniline
 Concen: 40.70 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion: 65 Resp: 423969
 Ion Ratio Lower Upper
 65 100
 92 58.5 57.4 86.2
 138 75.0 90.1 135.1#

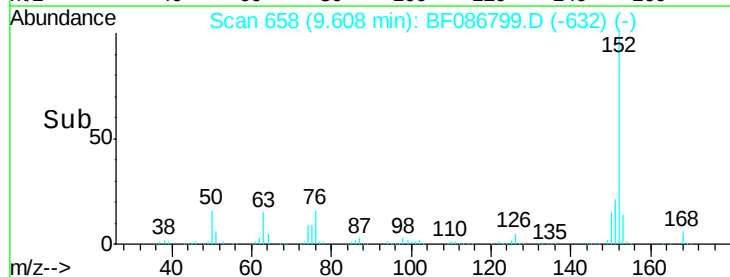
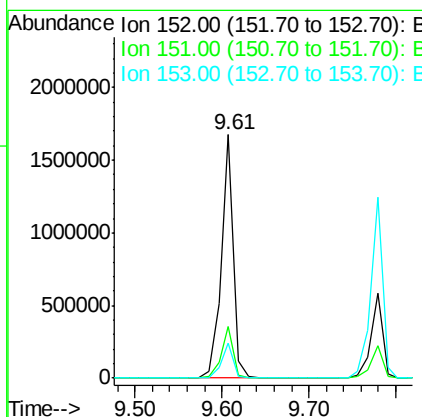
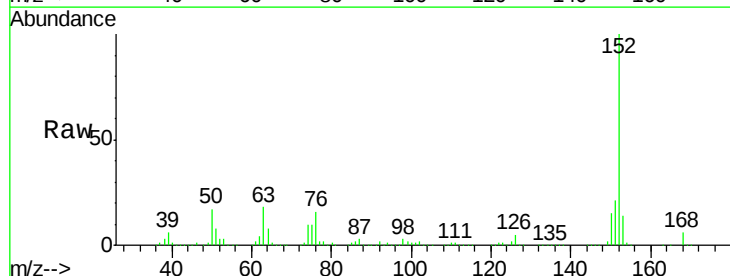
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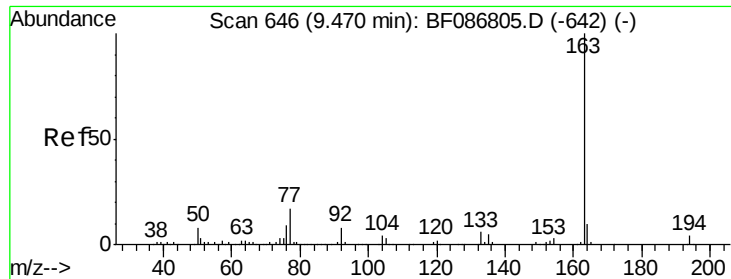
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#48
 Acenaphthylene
 Concen: 37.54 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Tgt Ion: 152 Resp: 1632805
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.8 25.2
 153 14.5 10.9 16.3





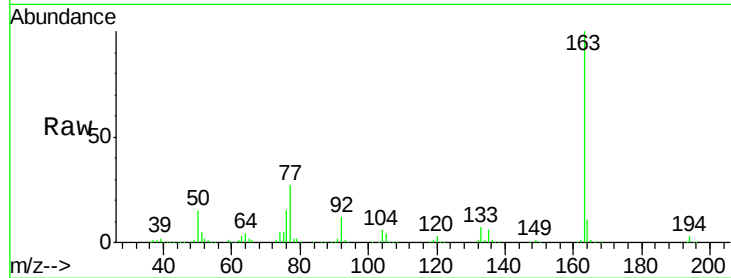
#49
Dimethylphthalate
Concen: 41.79 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

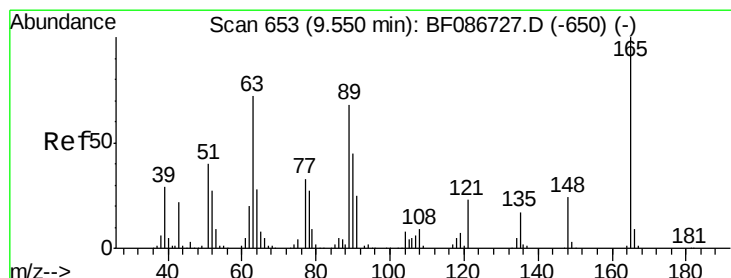
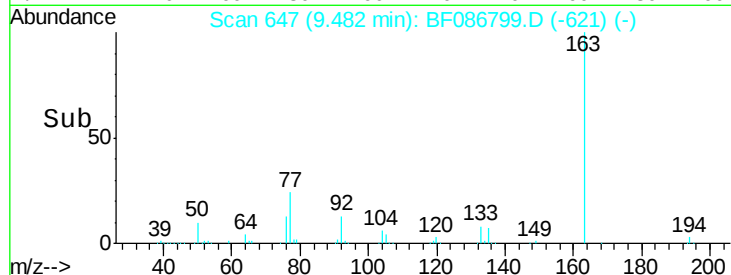
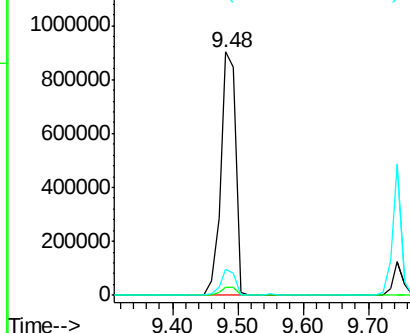
Tgt Ion:163 Resp: 1446928
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.8 8.2 12.4

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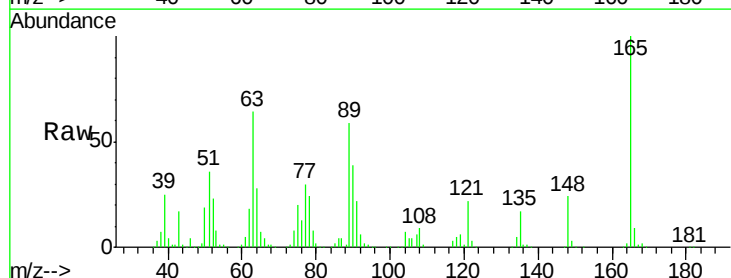


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

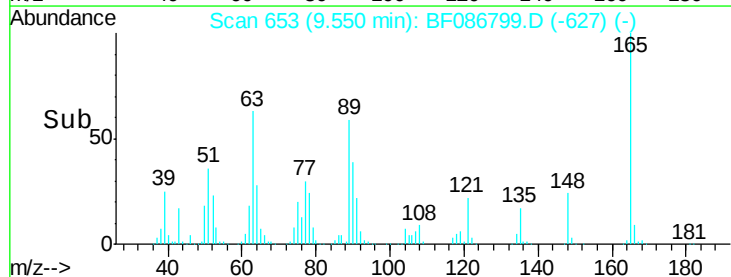
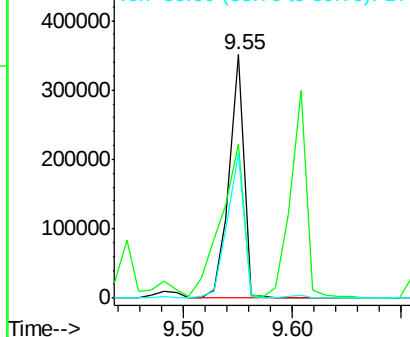


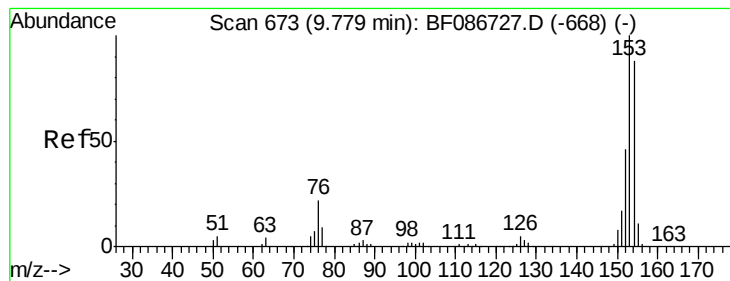
#50
2,6-Dinitrotoluene
Concen: 44.91 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Tgt Ion:165 Resp: 333729
Ion Ratio Lower Upper
165 100
63 63.5 51.8 77.8
89 59.4 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: 35.77 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1026332

Ion Ratio Lower Upper

154 100

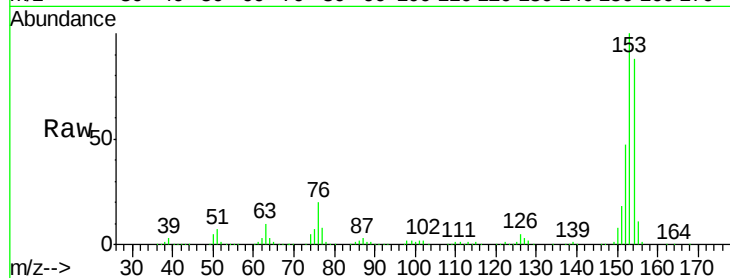
153 113.3 89.8 134.6

152 52.9 43.4 65.0

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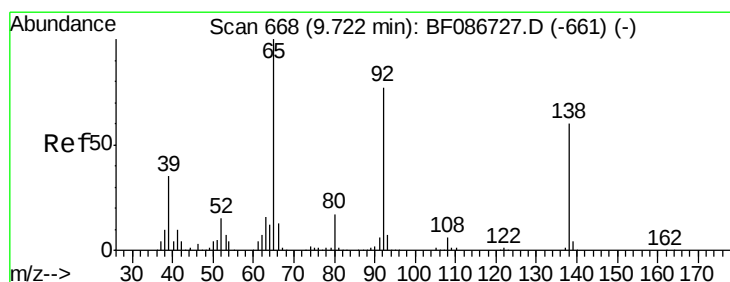
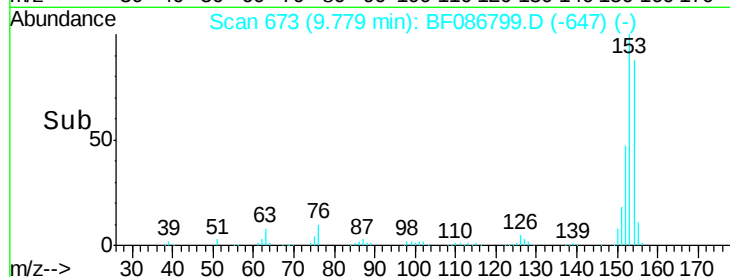
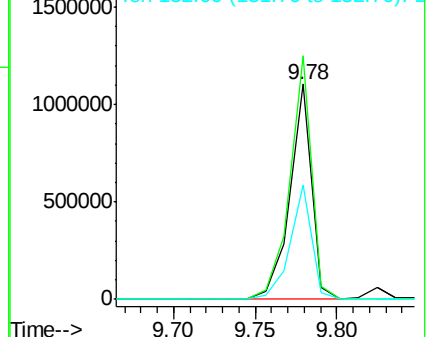
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.85 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

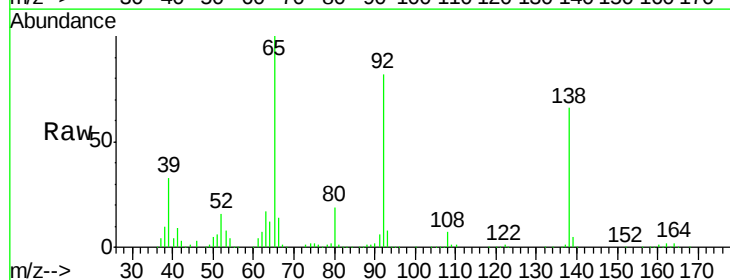
Tgt Ion:138 Resp: 319700

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.6

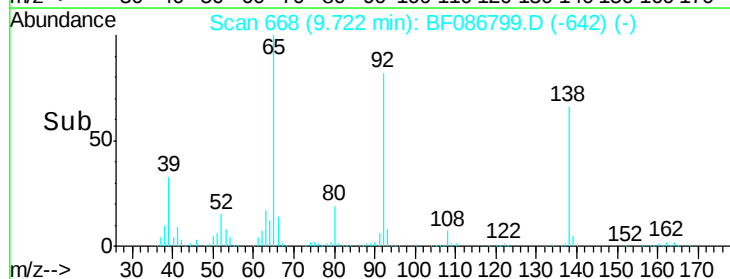
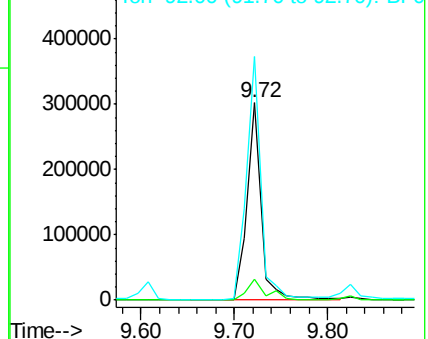
92 123.5 87.8 131.8

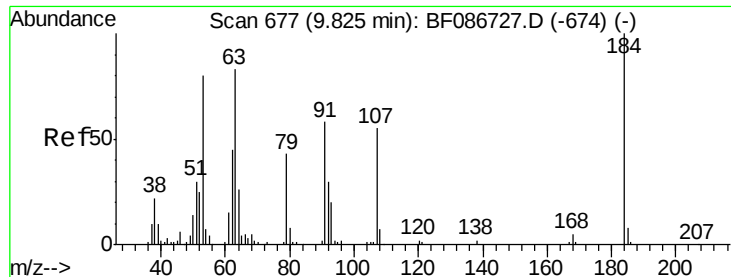


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





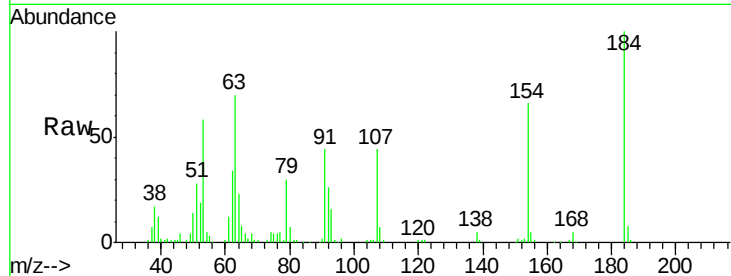
#53
2,4-Dinitrophenol
Concen: 47.99 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

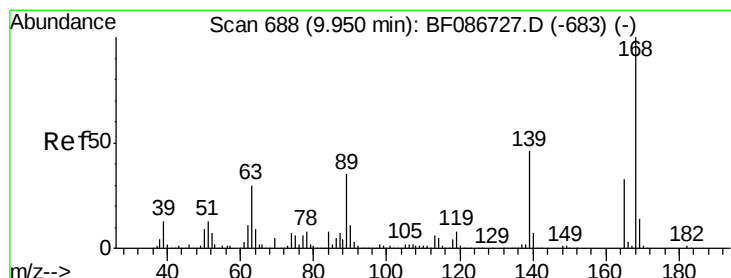
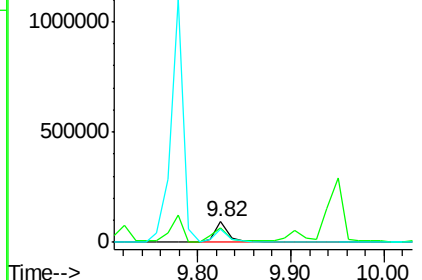
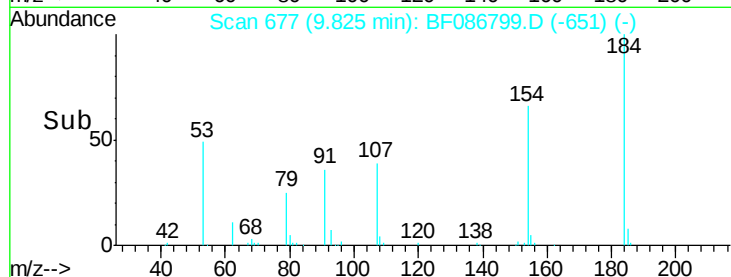
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	105604		
63	70.1	55.8	83.8	
154	66.4	62.4	93.6	

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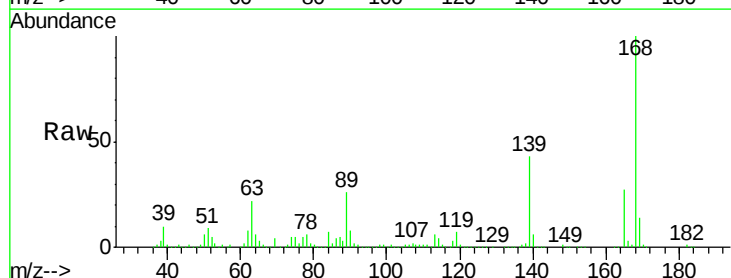


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

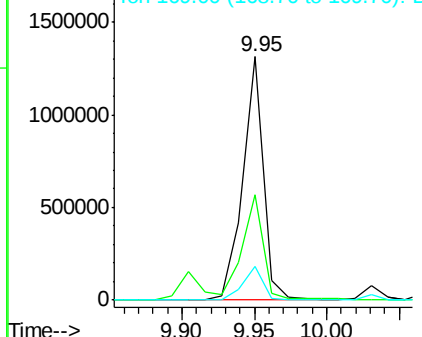
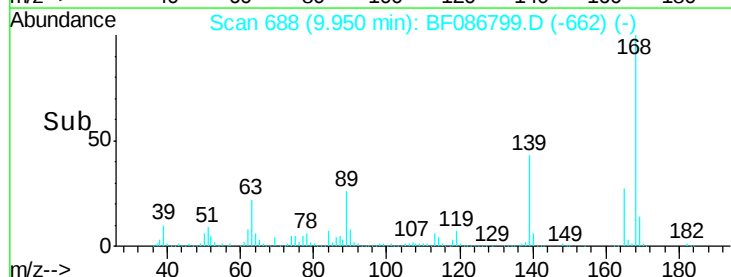


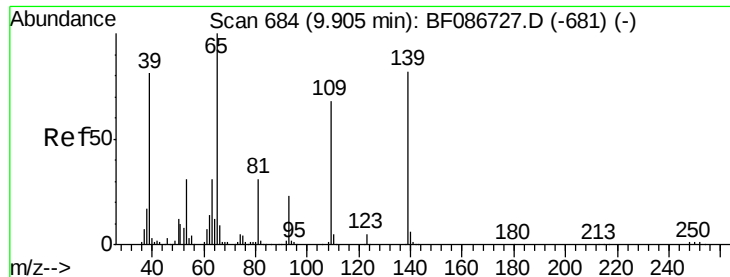
#54
Dibenzofuran
Concen: 36.38 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1294020		
139	43.3	31.4	47.0	
169	13.7	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





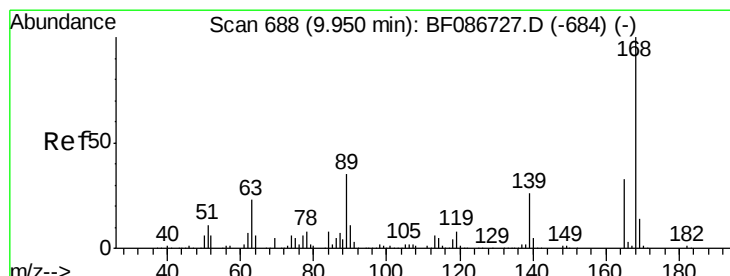
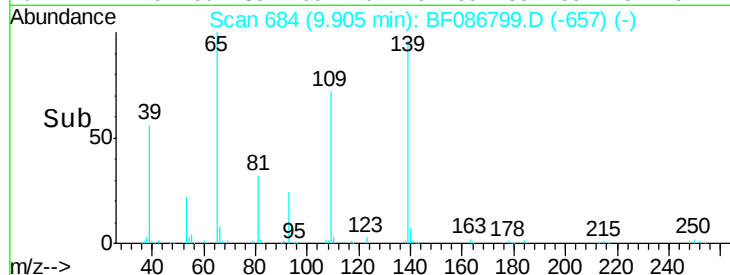
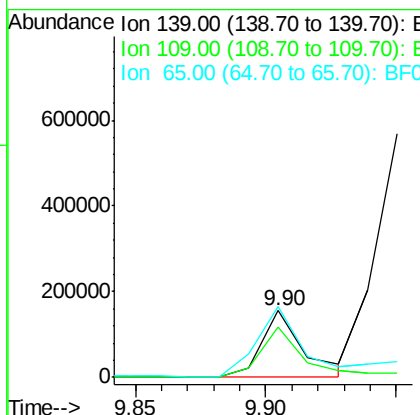
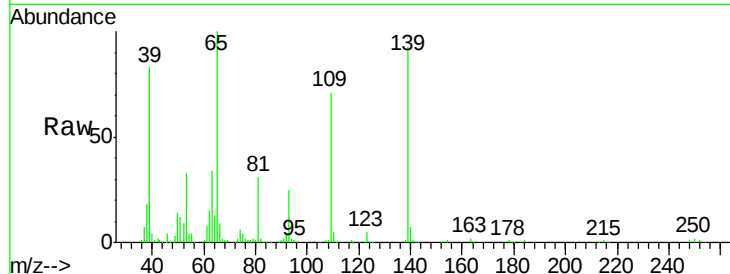
#55
4-Nitrophenol
Concen: 35.32 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	173930		
109	76.2	36.9	76.9	
65	107.4	64.0	104.0	

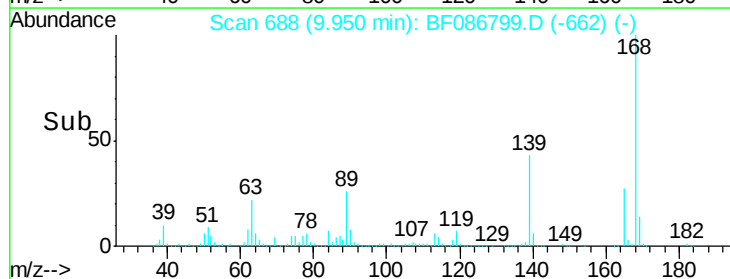
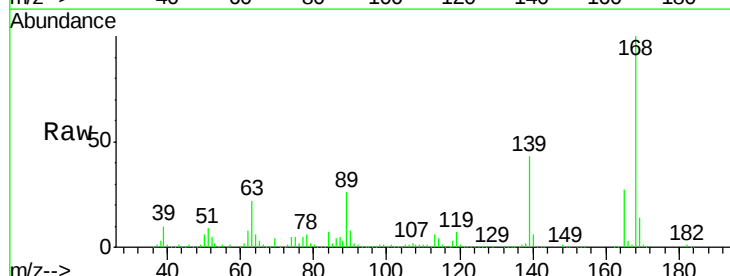
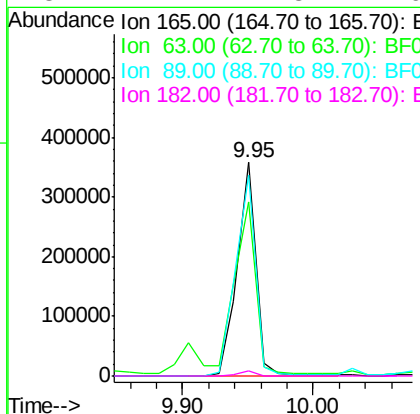
Manual Integrations
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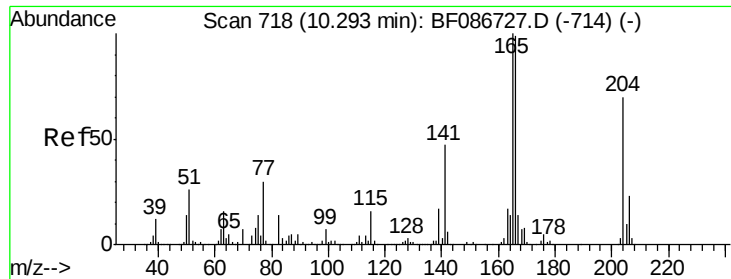
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#56
2,4-Dinitrotoluene
Concen: 38.77 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	357000		
63	81.3	44.3	66.5	
89	94.0	70.0	105.0	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 40.48 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 1166915

Ion Ratio Lower Upper

166 100

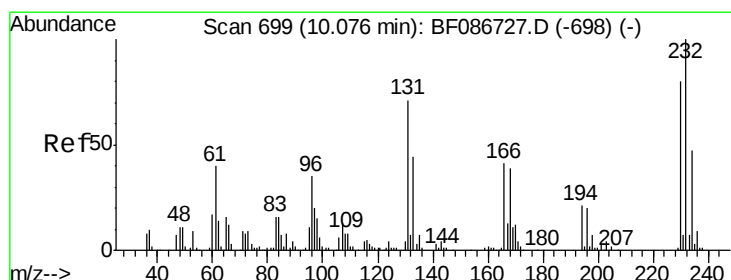
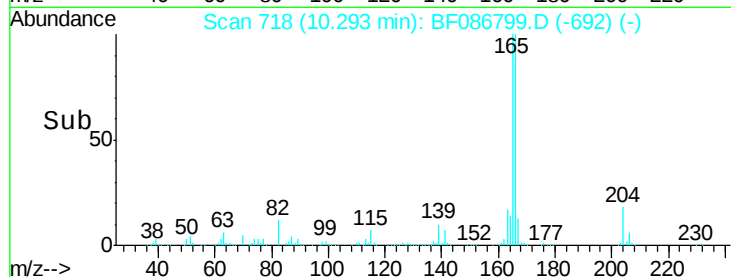
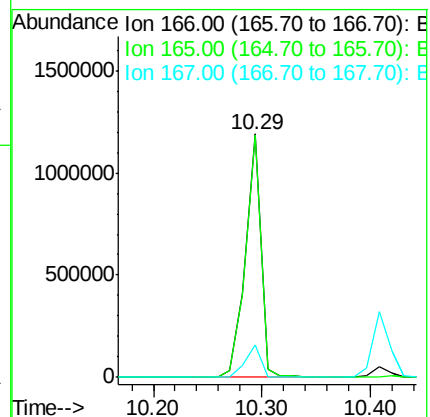
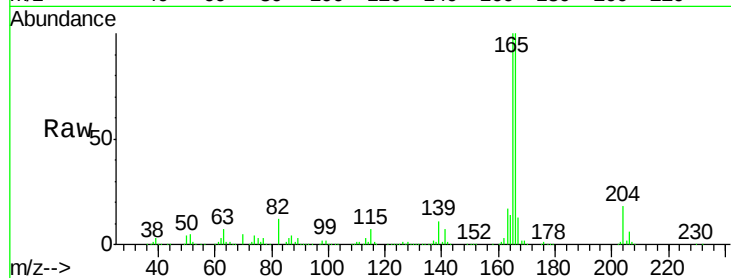
165 99.7 79.0 118.6

167 13.4 10.6 15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.07 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Tgt Ion:232 Resp: 275983

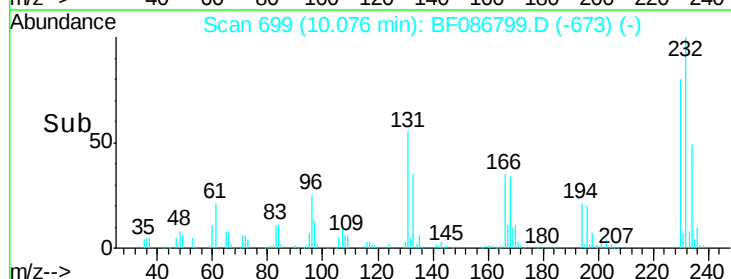
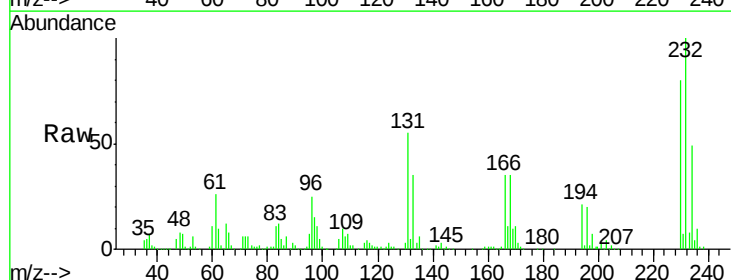
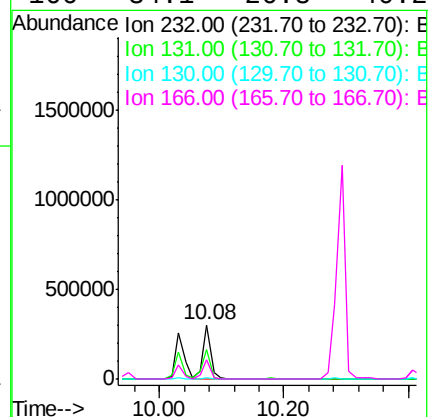
Ion Ratio Lower Upper

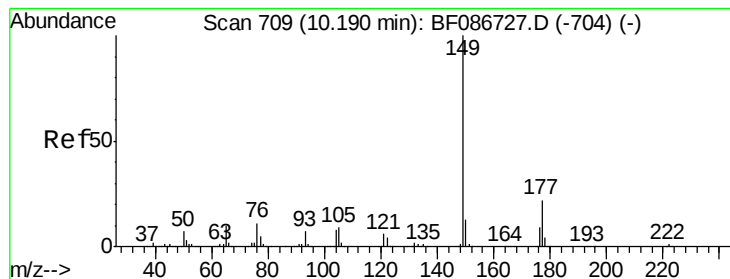
232 100

131 55.3 41.9 62.9

130 3.0 2.2 3.4

166 34.1 26.8 40.2





#59

Diethylphthalate

Concen: 38.60 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1264855

Ion Ratio Lower Upper

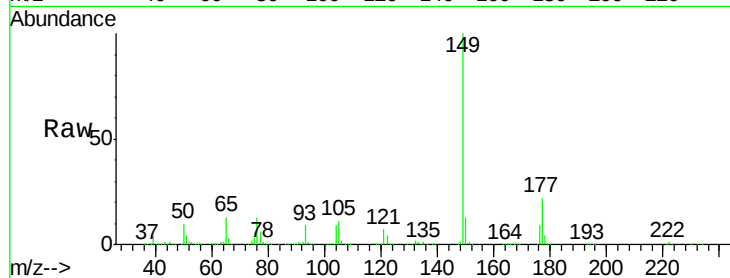
149 100

177 21.5 16.6 24.8

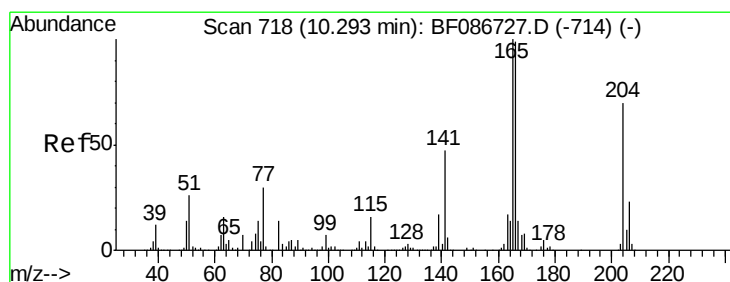
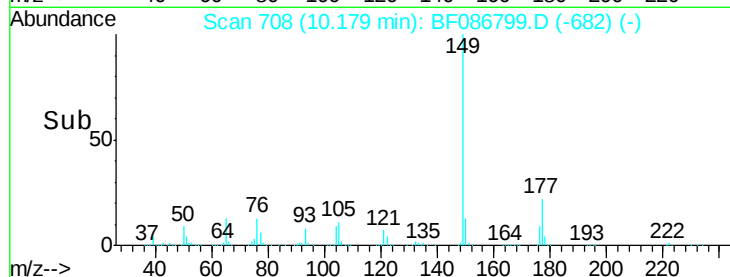
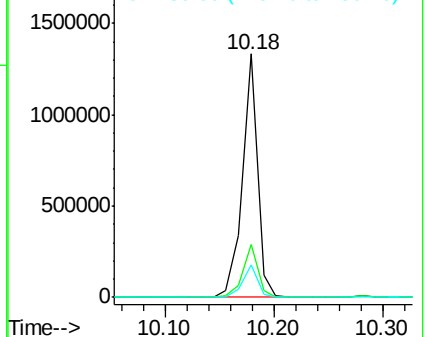
150 13.1 10.0 15.0

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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: 35.32 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

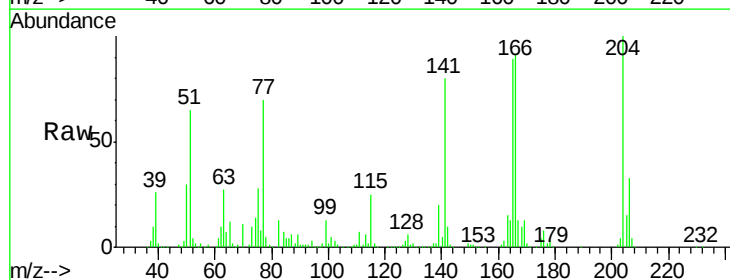
Tgt Ion:204 Resp: 484008

Ion Ratio Lower Upper

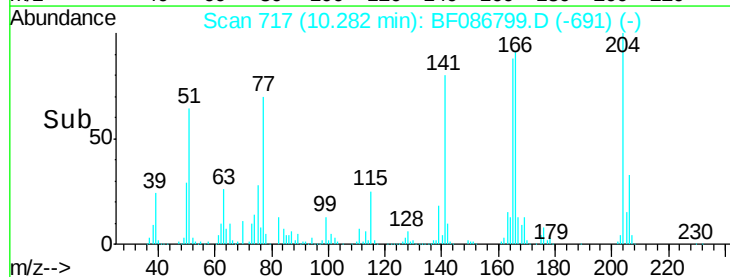
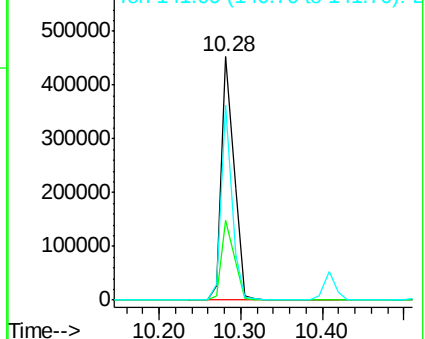
204 100

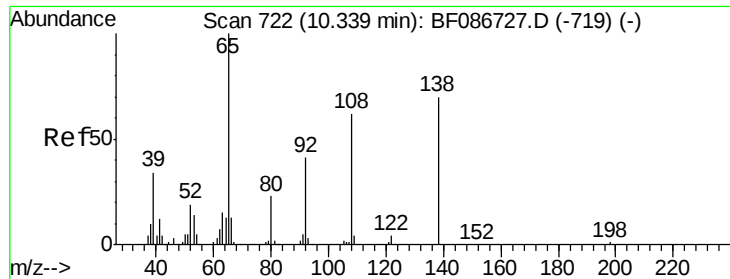
206 32.7 25.4 38.0

141 80.2 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: 36.36 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

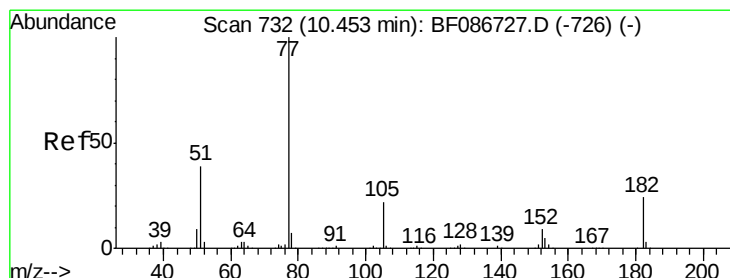
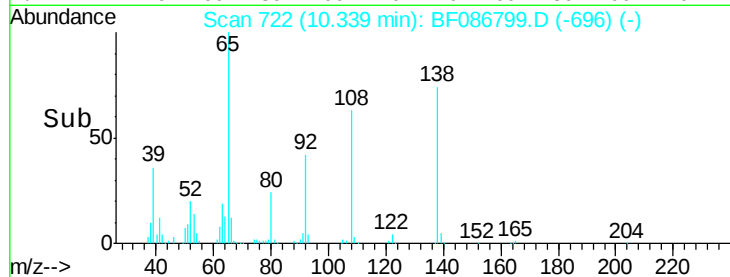
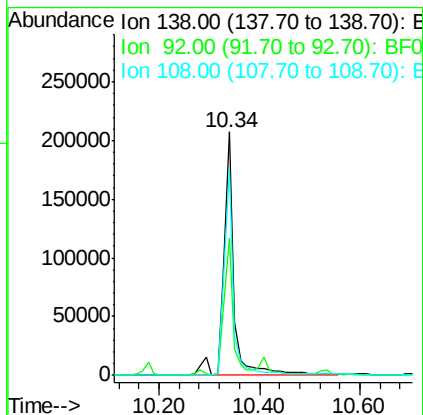
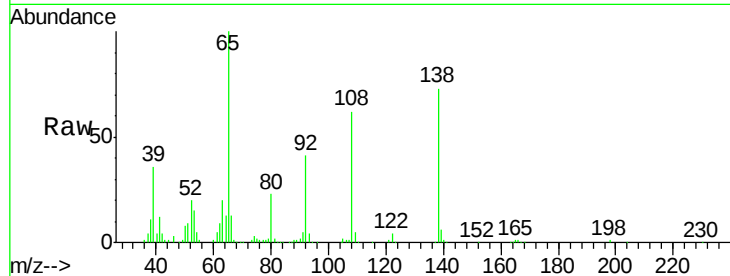
ClientSampleId :

SSTDCCC040

Tgt Ion:	138	Resp:	295131
Ion Ratio	Lower	Upper	
138	100		
92	56.7	24.7	64.7
108	85.0	37.4	77.4#

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#62

Azobenzene

Concen: 37.21 ng

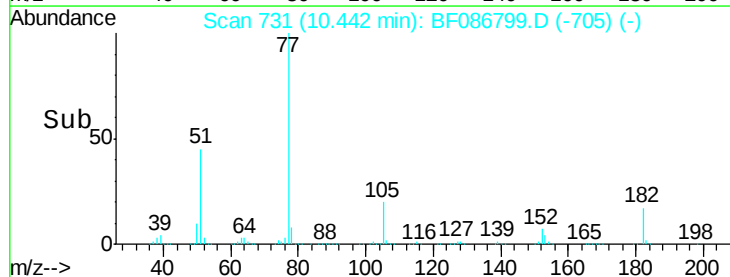
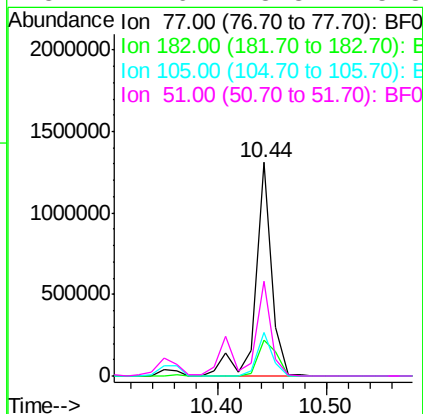
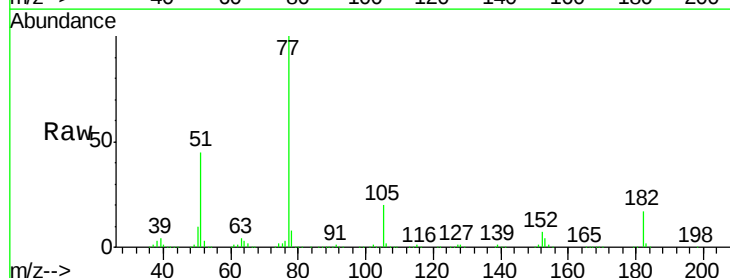
RT: 10.44 min Scan# 731

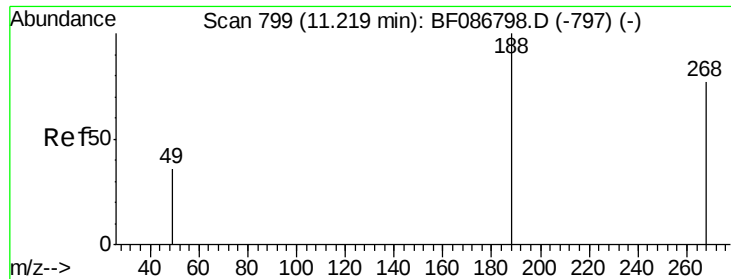
Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Tgt Ion:	77	Resp:	1351332
Ion Ratio	Lower	Upper	
77	100		
182	16.9	0.0	38.8
105	20.1	3.2	43.2
51	44.6	8.8	48.8





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:188 Resp: 812387
Ion Ratio Lower Upper

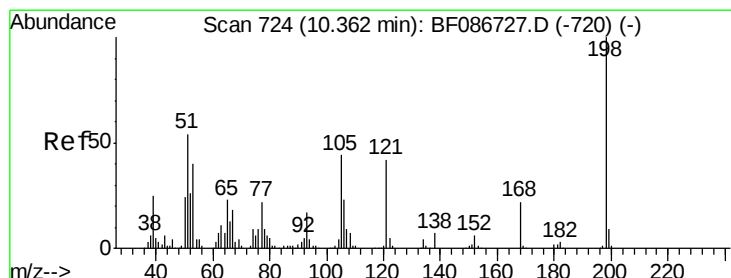
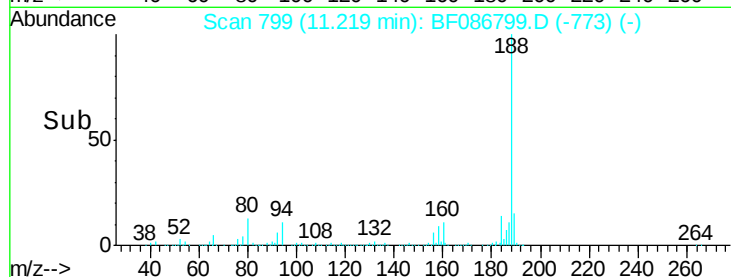
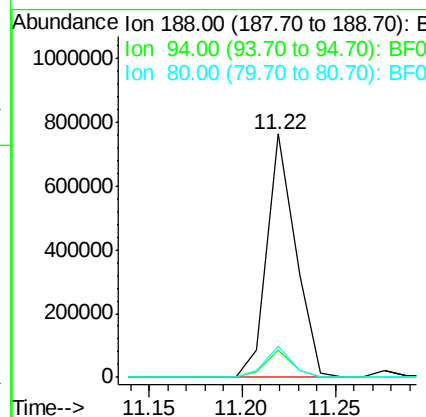
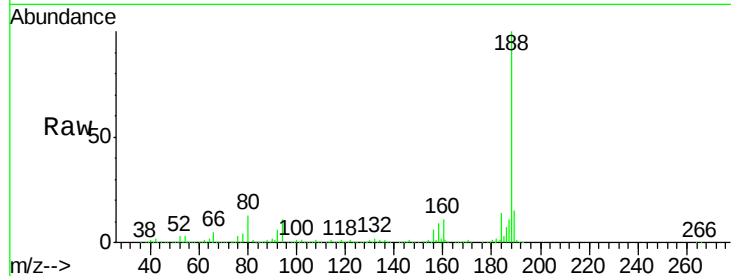
188 100

94 11.3 6.8 10.2#

80 12.6 7.1 10.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 48.20 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF086799.D

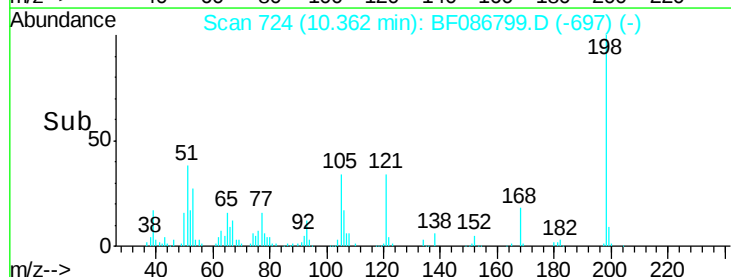
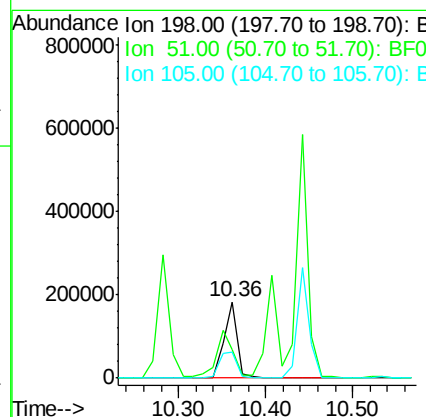
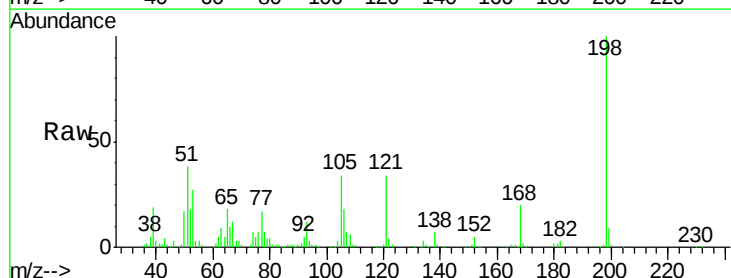
Acq: 8 May 2016 3:20

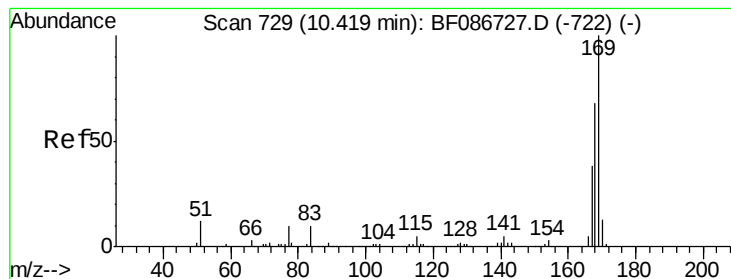
Tgt Ion:198 Resp: 198232
Ion Ratio Lower Upper

198 100

51 38.3 20.5 60.5

105 34.1 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 36.35 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF086799.D

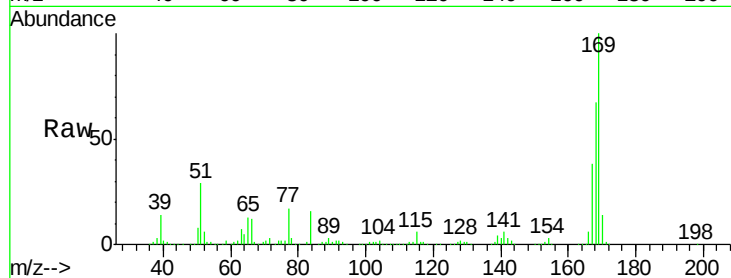
Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:169 Resp: 937565

Ion Ratio Lower Upper

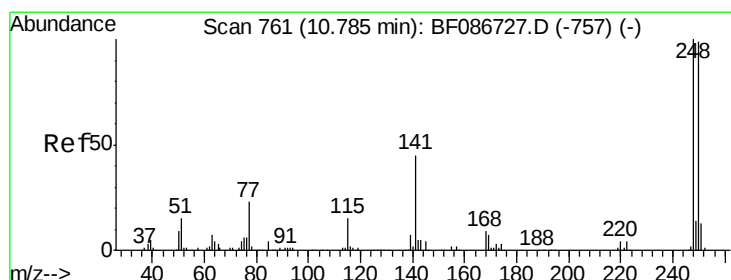
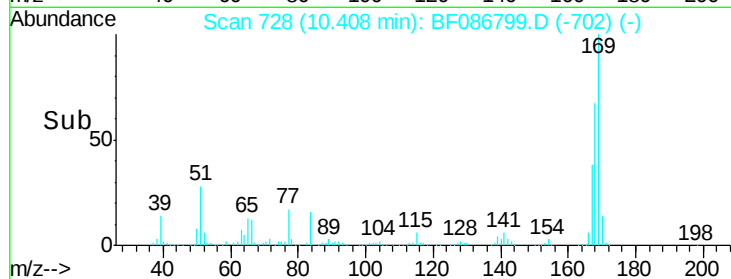
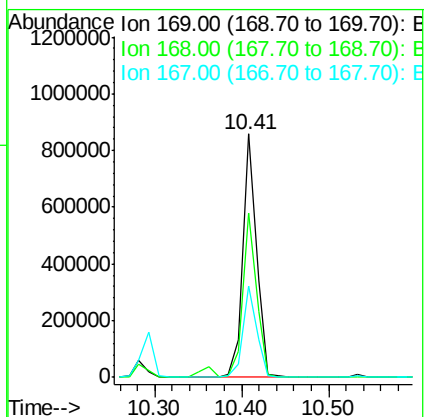
169 100

168 67.2 53.8 80.6

167 37.6 29.5 44.3

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#66

4-Bromophenyl-phenylether

Concen: 41.54 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

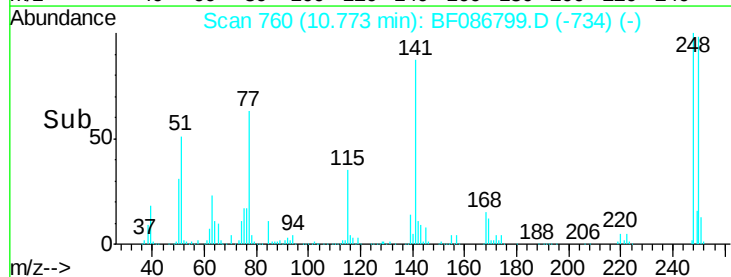
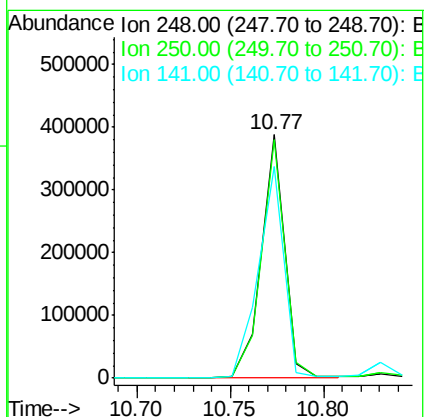
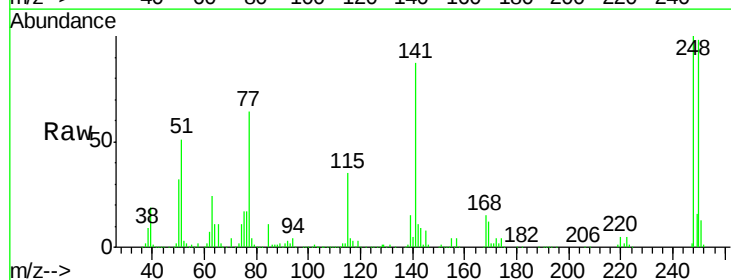
Tgt Ion:248 Resp: 335353

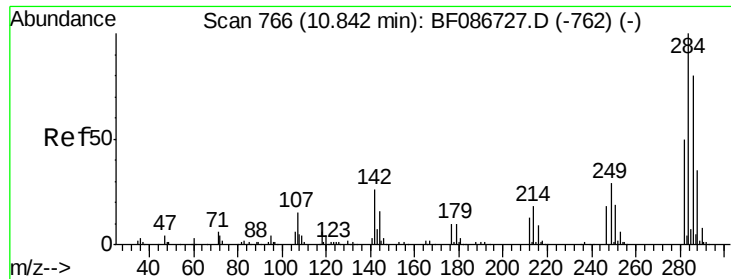
Ion Ratio Lower Upper

248 100

250 97.9 78.6 117.8

141 86.8 76.0 114.0





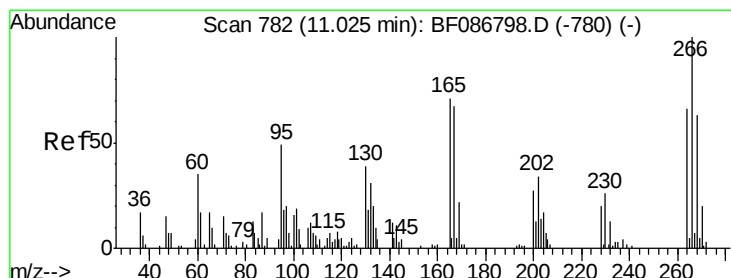
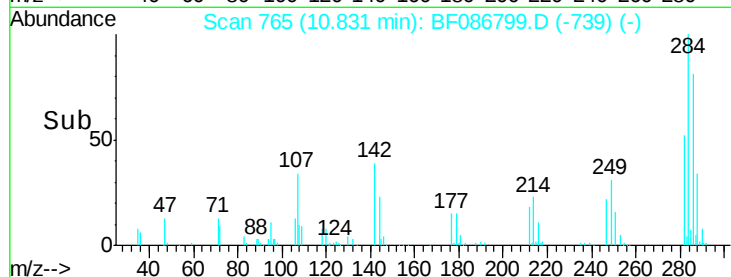
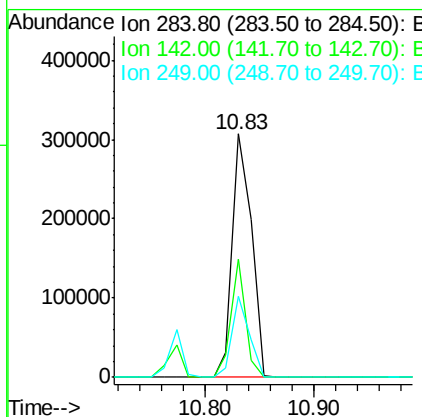
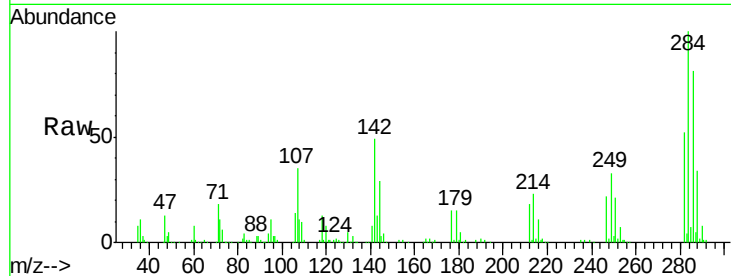
#67
Hexachlorobenzene
Concen: 37.82 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	372363		
142	48.7	16.7	25.1#	
249	33.3	21.3	31.9#	

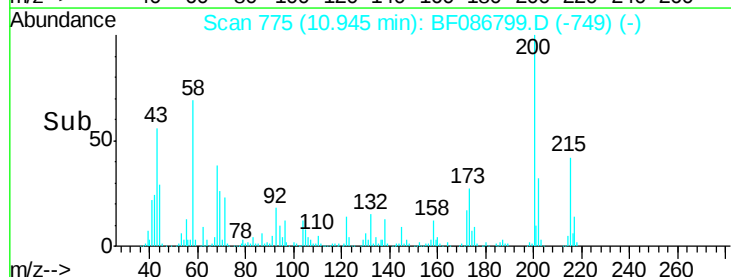
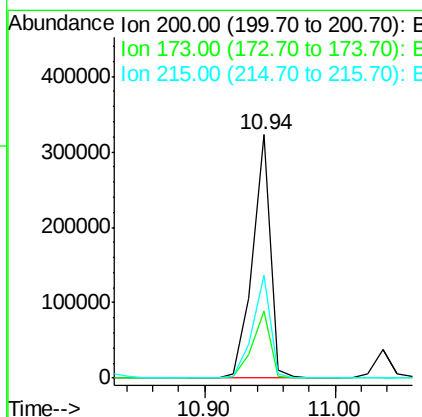
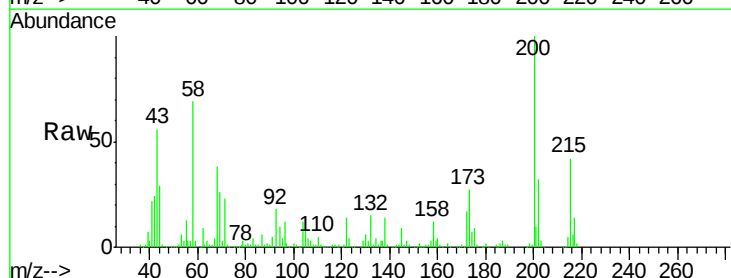
Manual Integrations
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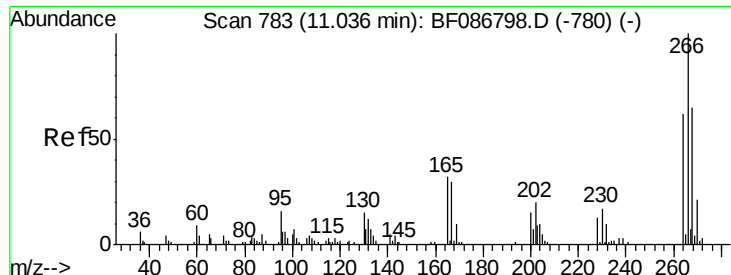
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#68
Atrazine
Concen: 39.00 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	308285		
173	27.5	8.5	48.5	
215	42.4	27.2	67.2	





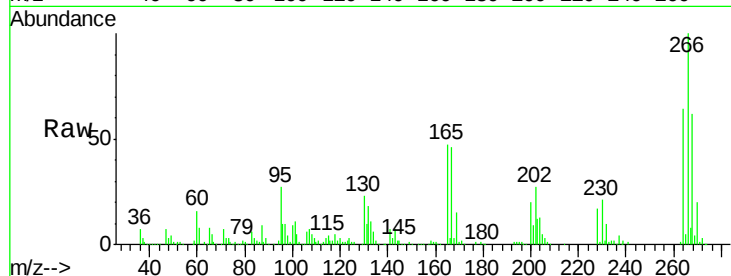
#69
 Pentachlorophenol
 Concen: 42.17 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

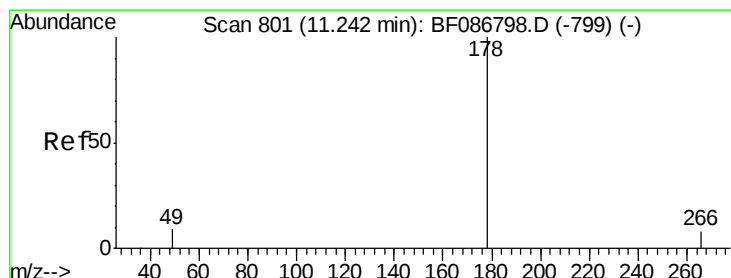
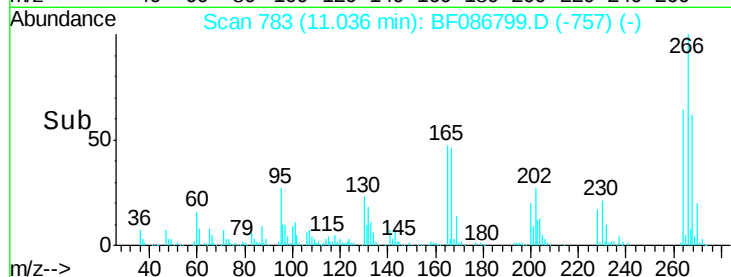
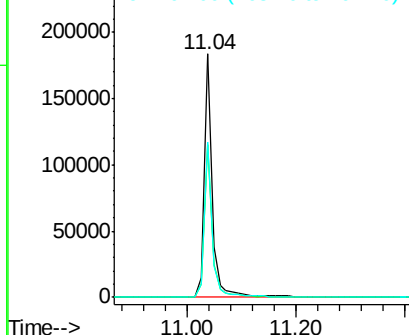
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	187296		
268	62.5	51.5	77.3	
264	63.7	52.9	79.3	

Manual Integrations
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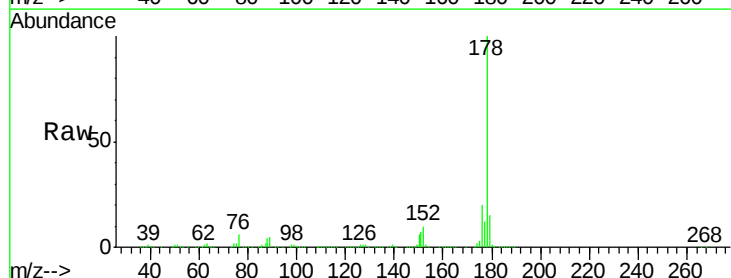


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

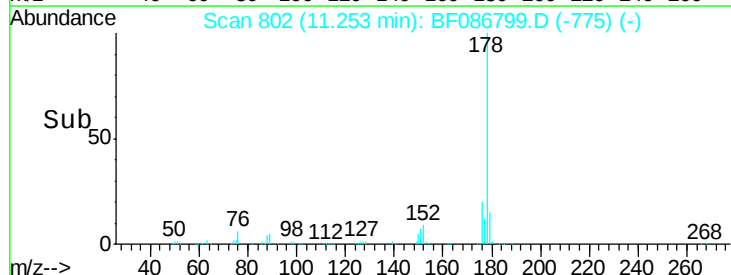
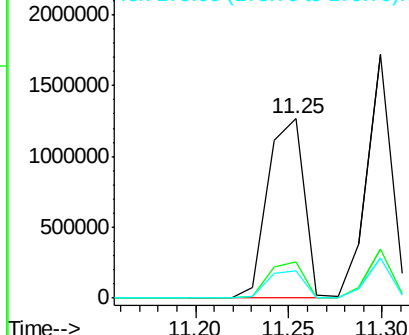


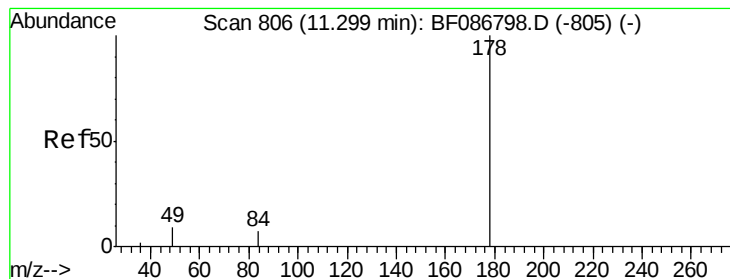
#70
 Phenanthrene
 Concen: 39.10 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1706270		
176	20.0	16.0	24.0	
179	15.4	12.6	18.8	



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





#71

Anthracene

Concen: 35.28 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1611965

Ion Ratio Lower Upper

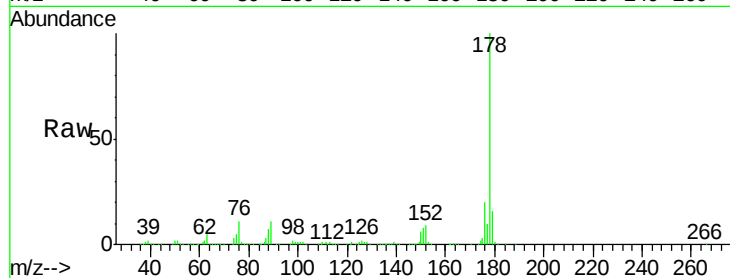
178 100

176 19.9 15.6 23.4

179 16.3 12.7 19.1

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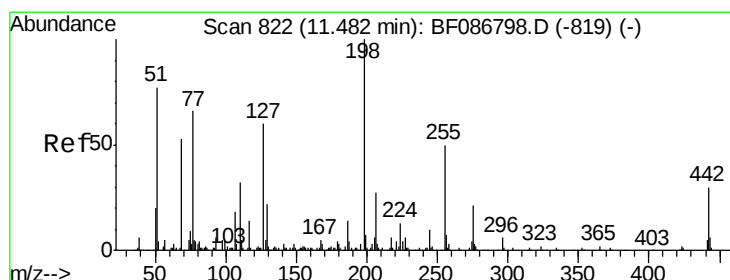
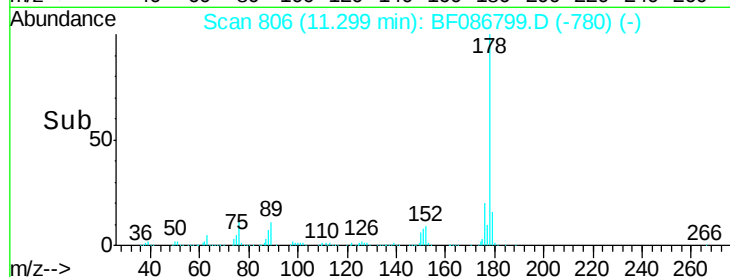
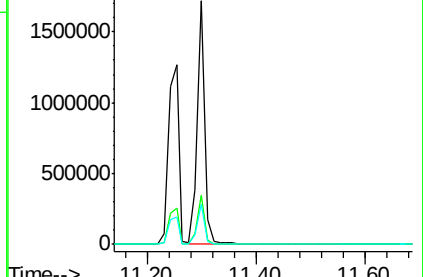
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.62 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

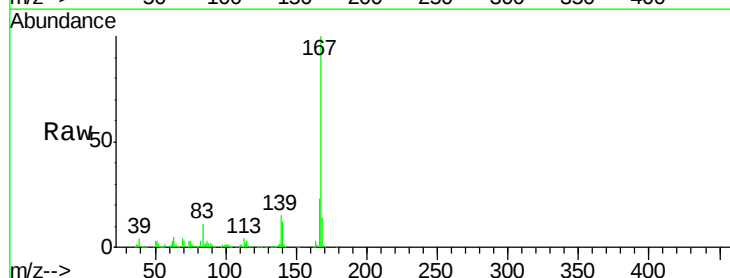
Tgt Ion:167 Resp: 1333971

Ion Ratio Lower Upper

167 100

166 22.6 17.7 26.5

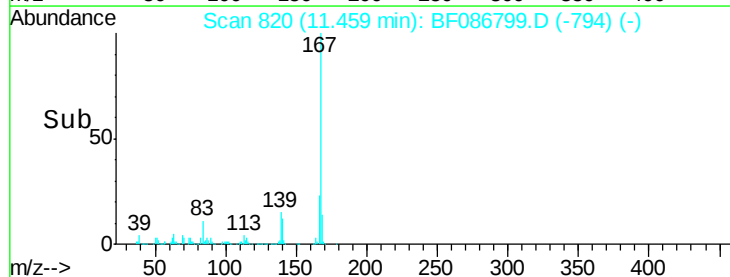
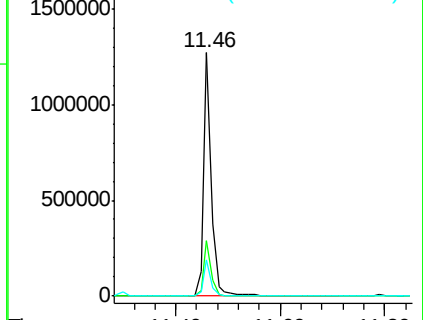
139 14.9 10.8 16.2

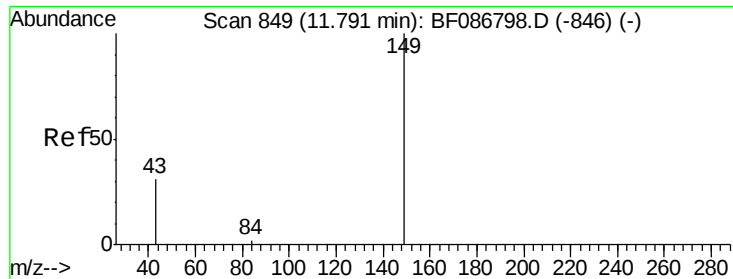


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.67 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1727679

Ion Ratio Lower Upper

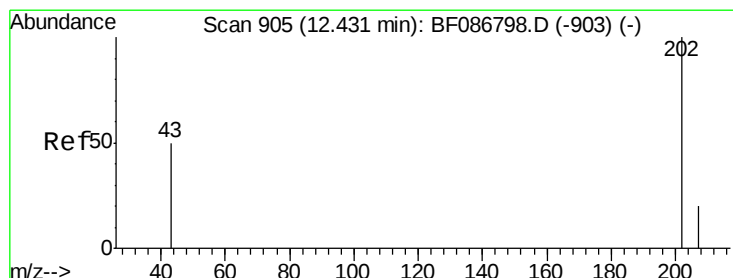
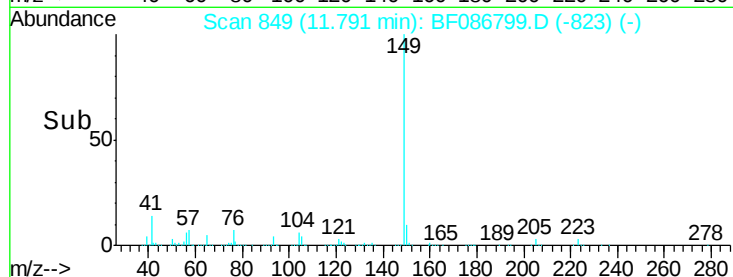
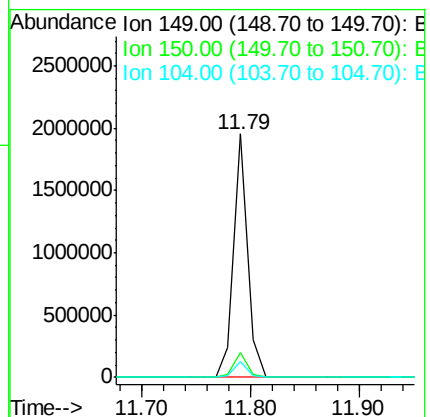
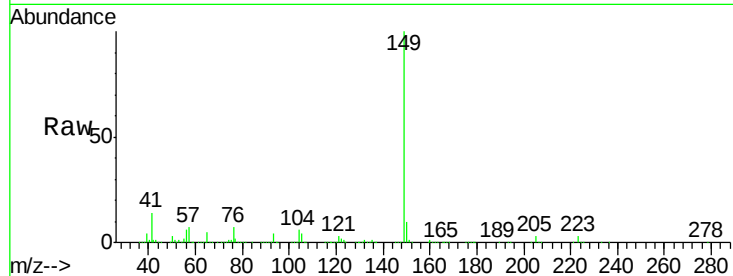
149 100

150 9.9 7.6 11.4

104 6.4 3.8 5.6#

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#74

Fluoranthene

Concen: 38.62 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

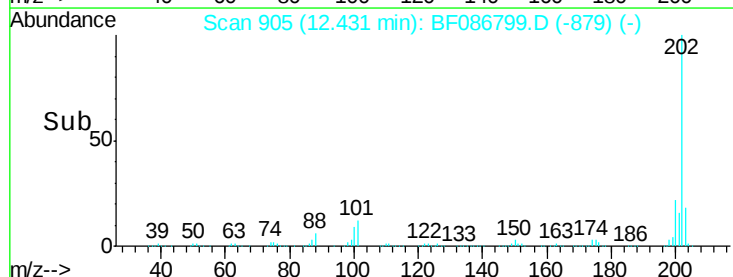
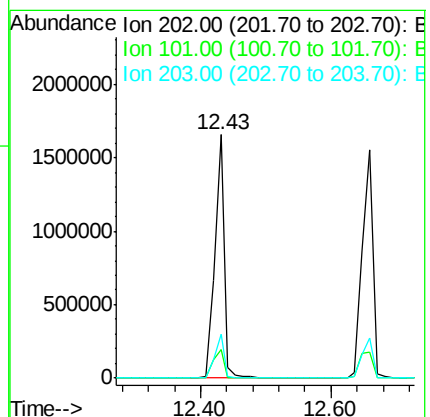
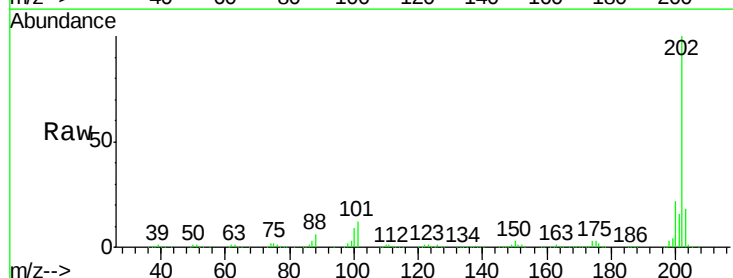
Tgt Ion:202 Resp: 1688695

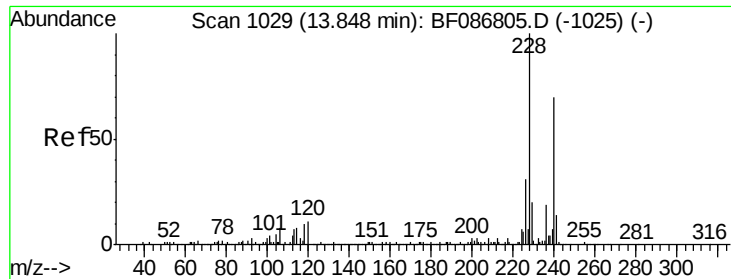
Ion Ratio Lower Upper

202 100

101 11.5 0.0 35.4

203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

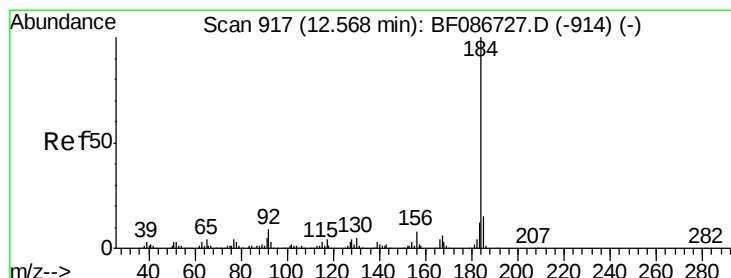
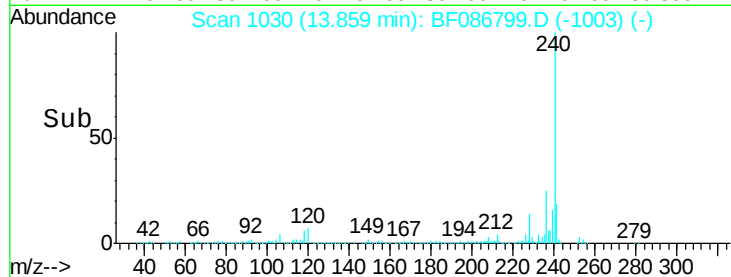
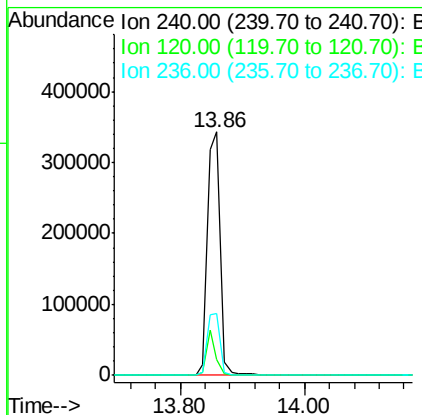
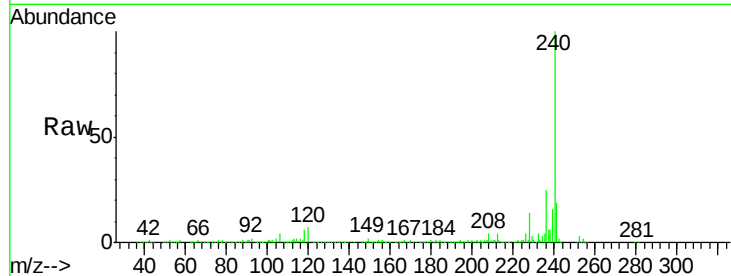
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	487948		
120	6.6	11.2	16.8#	
236	25.5	21.2	31.8	

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#76

Benzidine

Concen: 40.30 ng

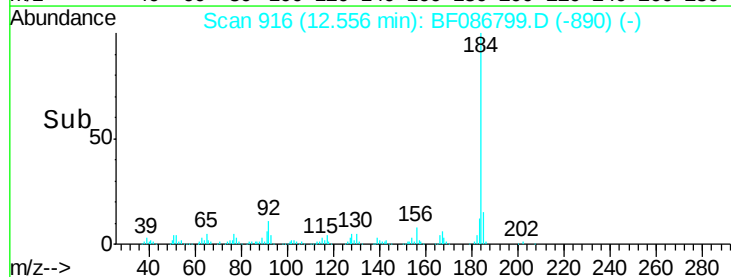
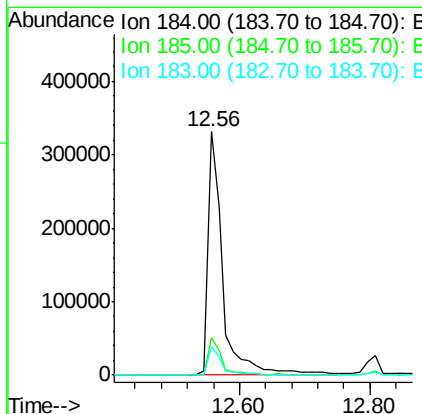
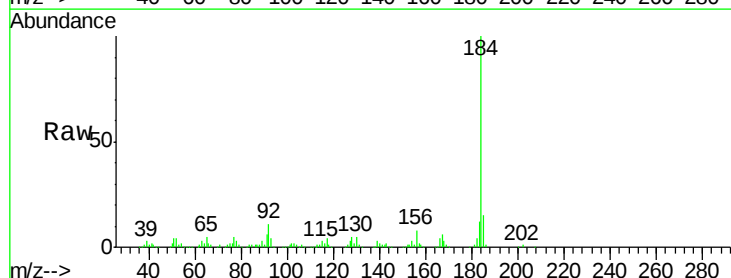
RT: 12.56 min Scan# 916

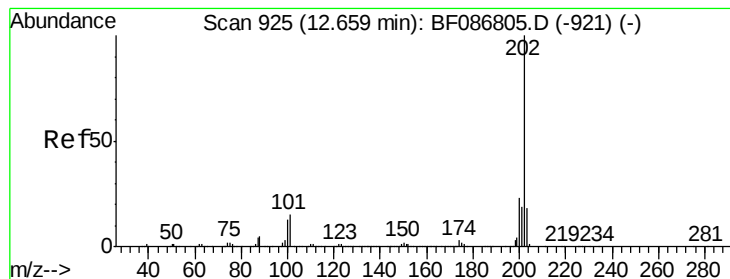
Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	520844		
185	15.2	13.6	20.4	
183	11.8	9.8	14.6	





#77

Pyrene

Concen: 44.27 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 1722020

Ion Ratio Lower Upper

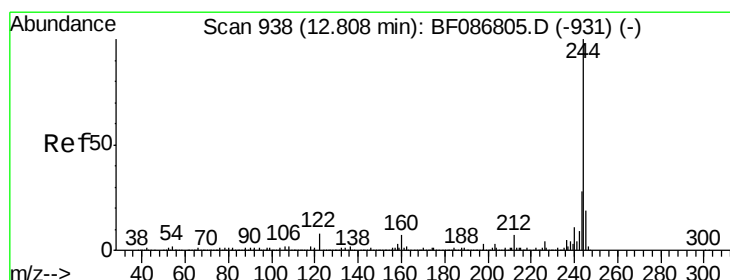
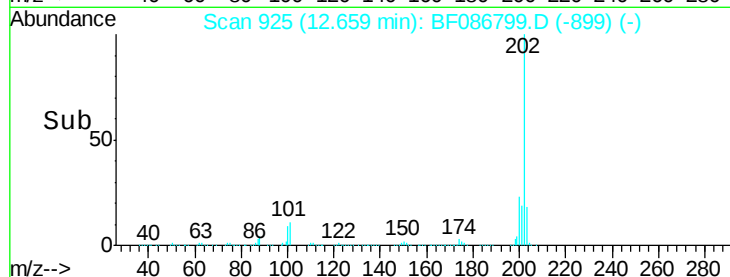
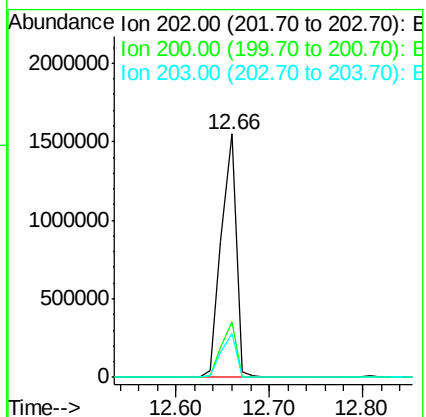
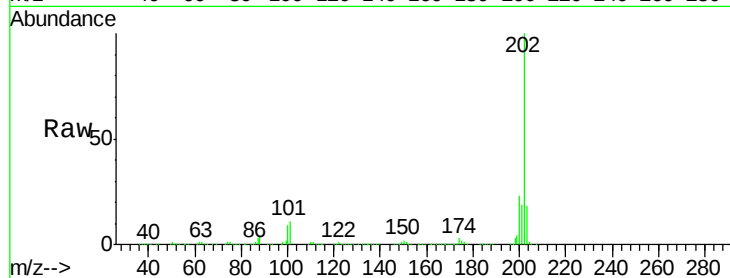
202 100

200 22.6 17.7 26.5

203 17.9 14.2 21.4

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#78

Terphenyl-d14

Concen: 82.92 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

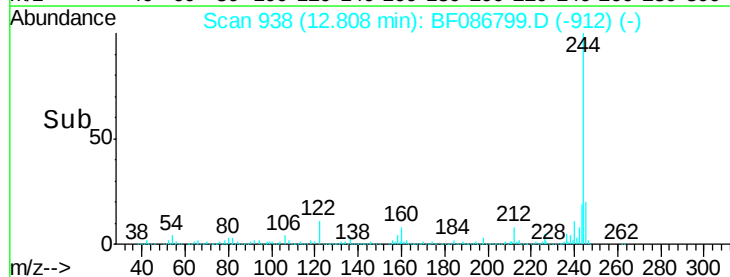
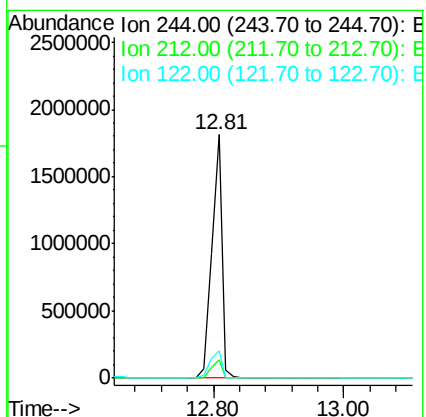
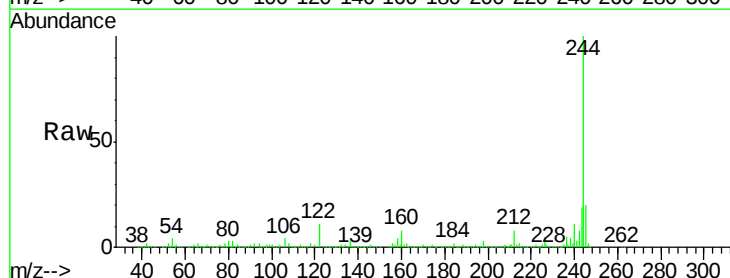
Tgt Ion:244 Resp: 2002077

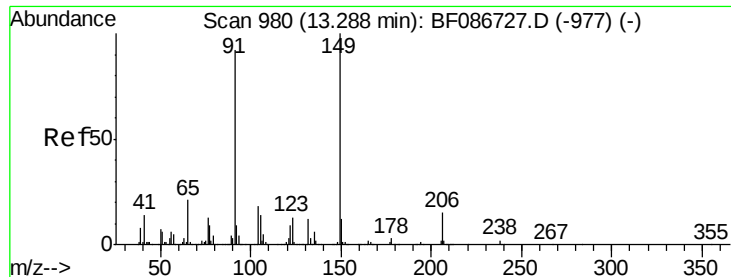
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 11.3 12.0 18.0#





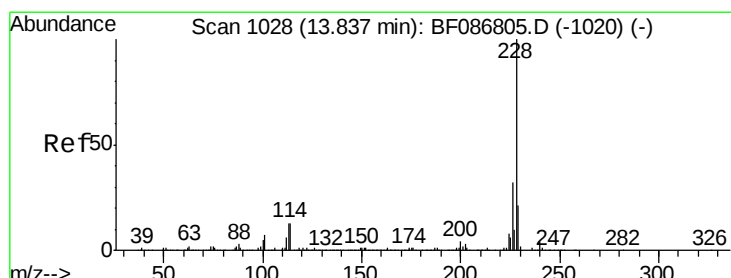
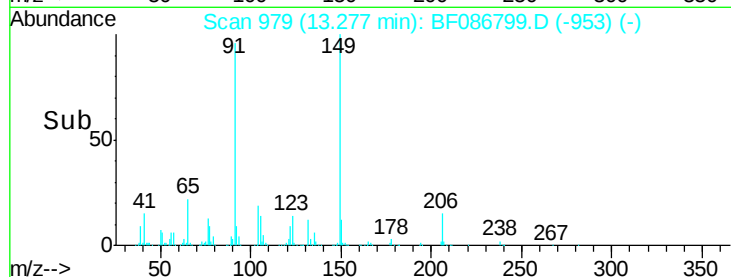
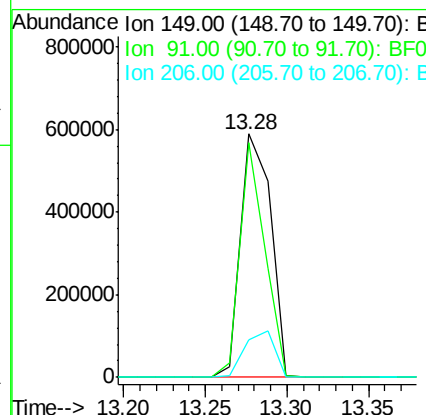
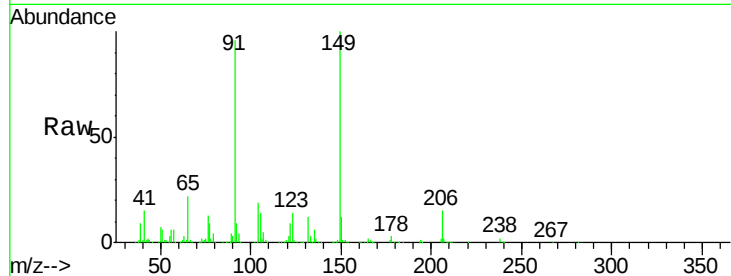
#79
Butylbenzylphthalate
Concen: 46.34 ng
RT: 13.28 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	96.4	48.0	72.0#
206	15.5	15.8	23.6#

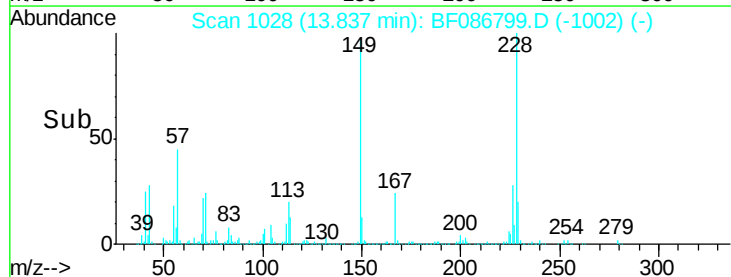
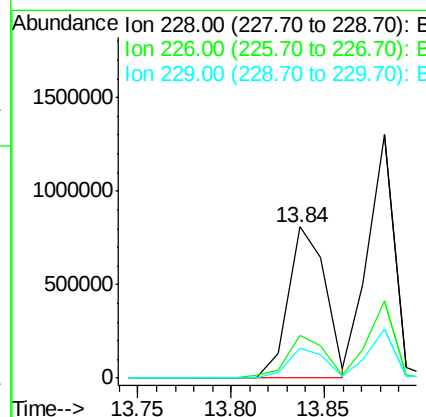
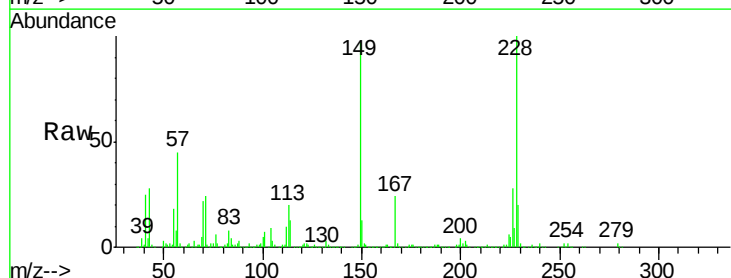
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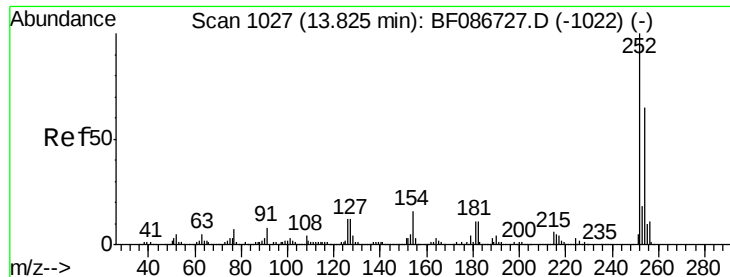
Sohil
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#80
Benzo(a)anthracene
Concen: 40.74 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	22.5	33.7
229	20.2	16.6	25.0





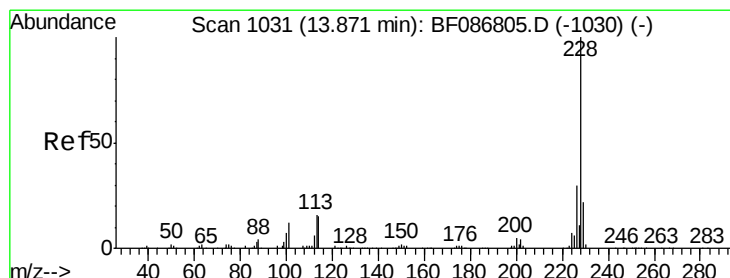
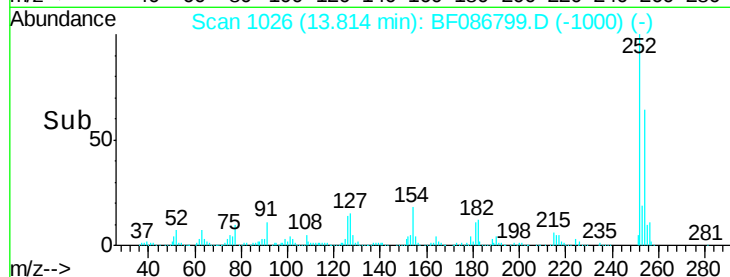
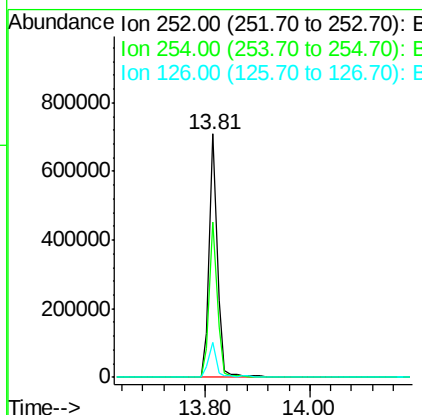
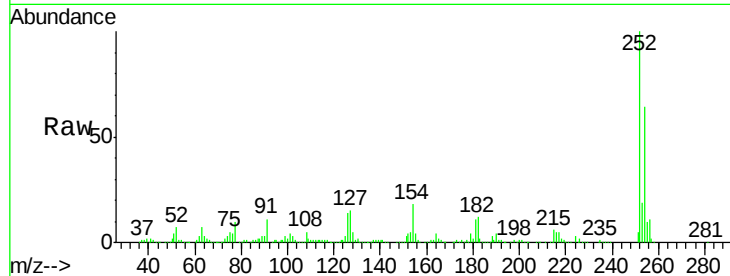
#81
 3,3'-Dichlorobenzidine
 Concen: 45.01 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	780494		
254	63.7	50.7	76.1	
126	14.3	12.7	19.1	

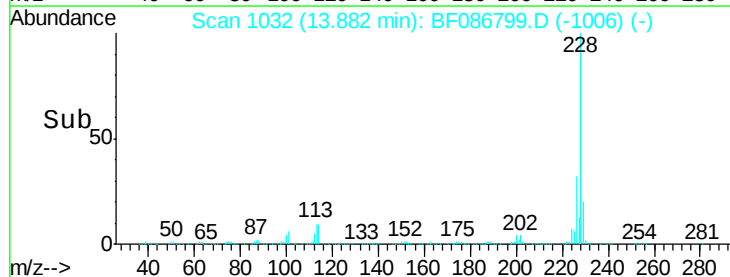
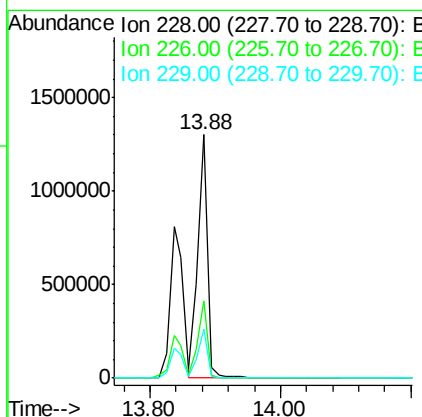
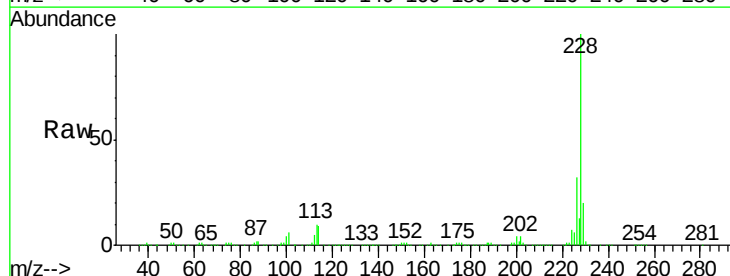
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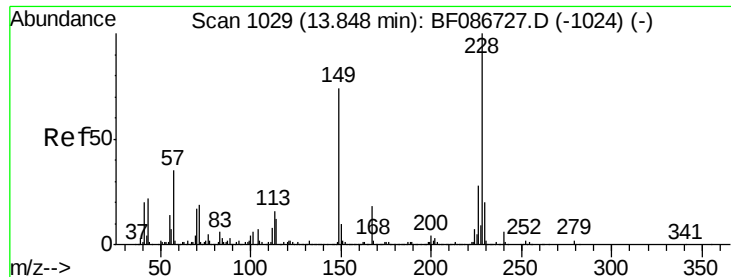
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#82
 Chrysene
 Concen: 44.62 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1313603		
226	31.8	24.4	36.6	
229	19.9	15.8	23.8	





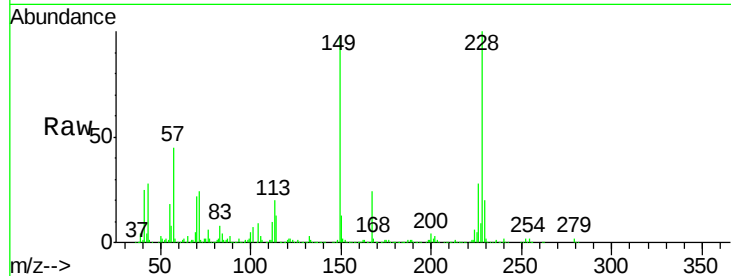
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.98 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

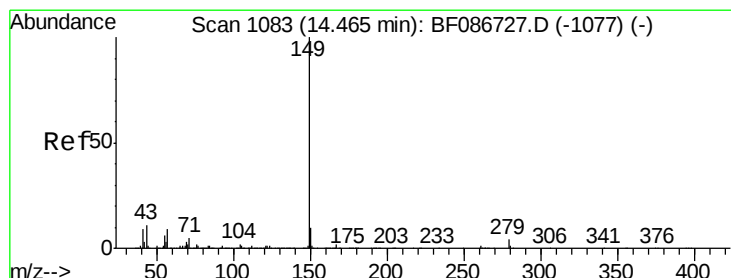
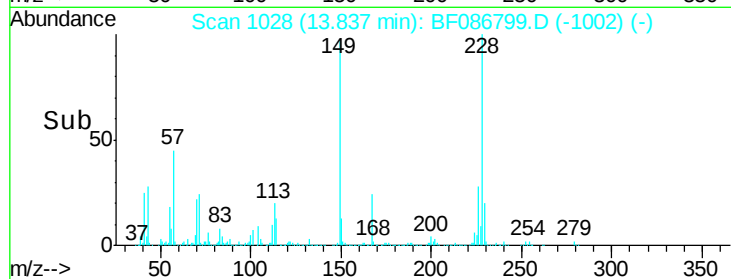
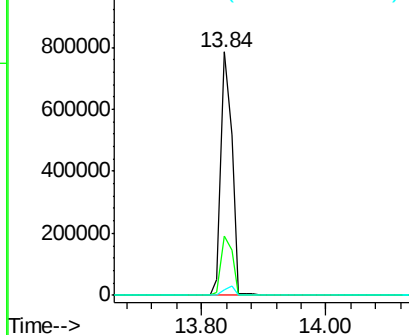
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	942309		
167	24.5	21.8	32.6	
279	2.3	2.6	4.0#	

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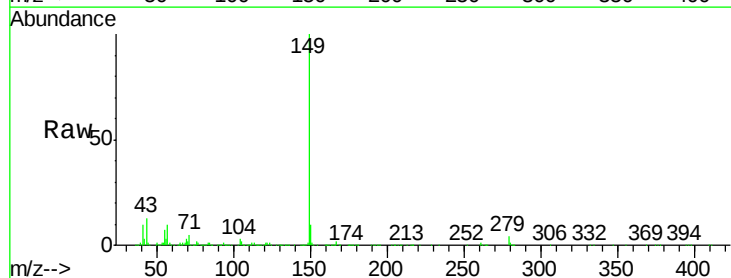


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

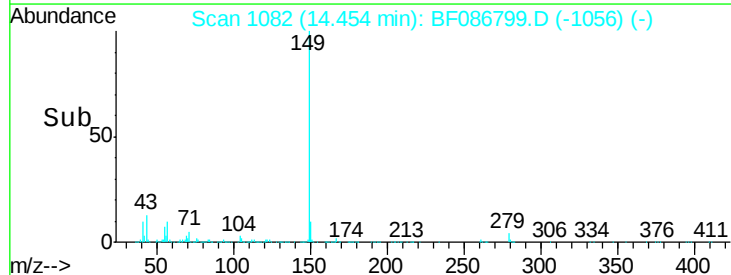
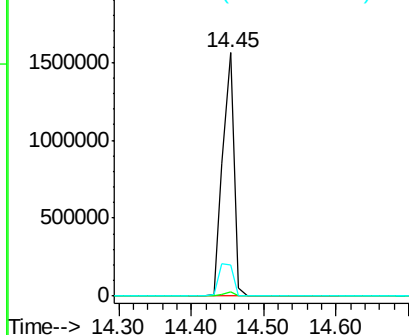


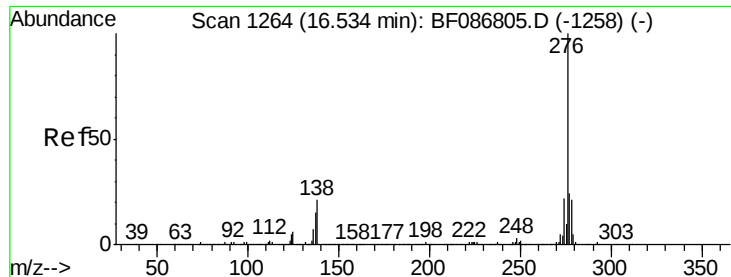
#84
 Di-n-octyl phthalate
 Concen: 61.71 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1712006		
167	1.6	1.2	1.8	
43	17.2	8.2	12.4#	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





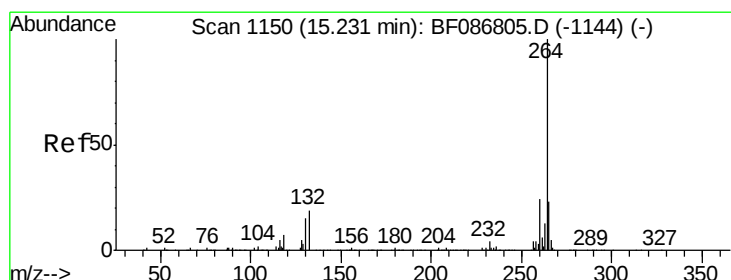
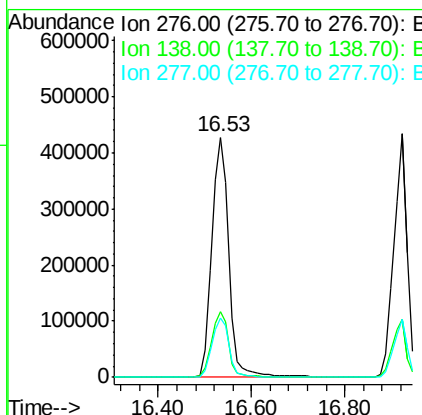
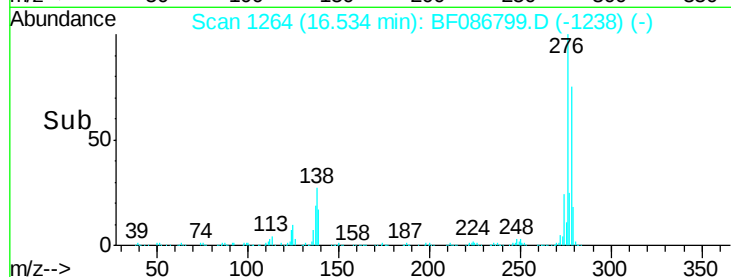
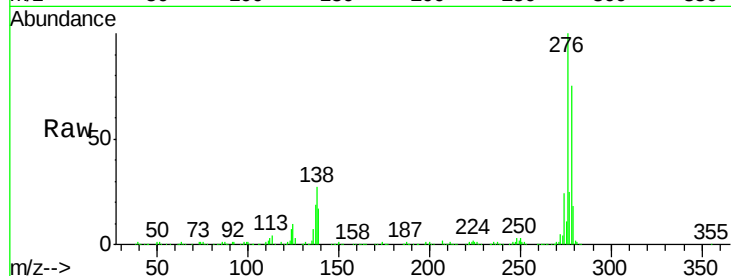
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.06 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.6	38.4
277	25.2	20.5	30.7

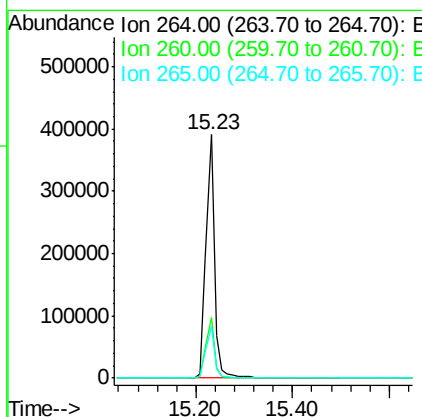
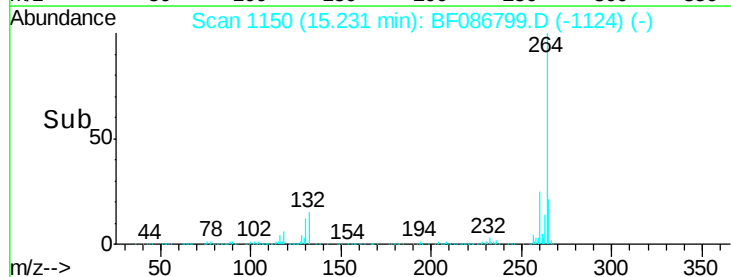
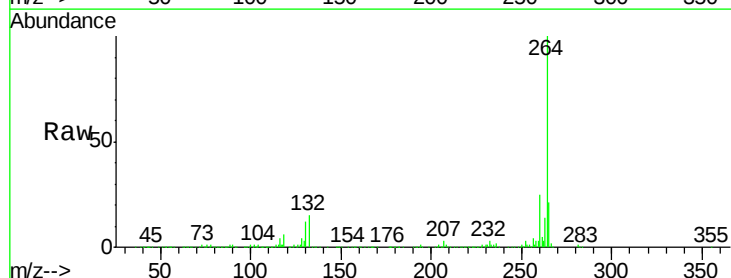
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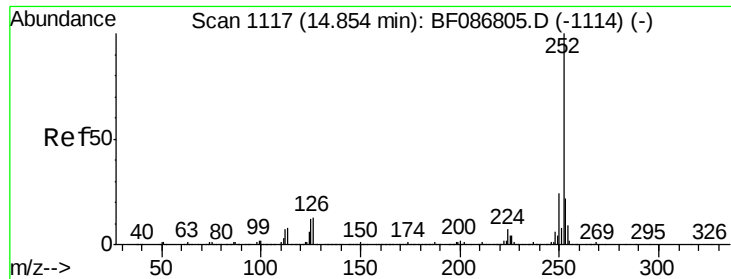
Sohil
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#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF086799.D
 Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.3	17.3	25.9





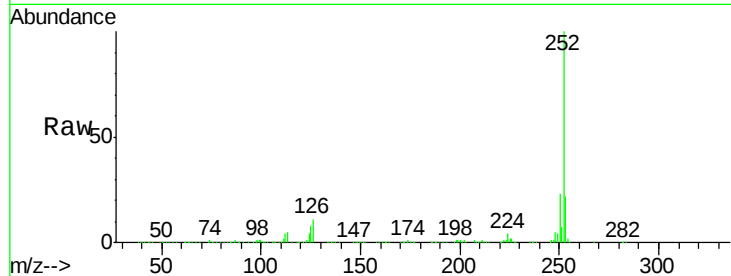
#87
Benzo(b)fluoranthene
Concen: 45.59 ng m
RT: 14.85 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

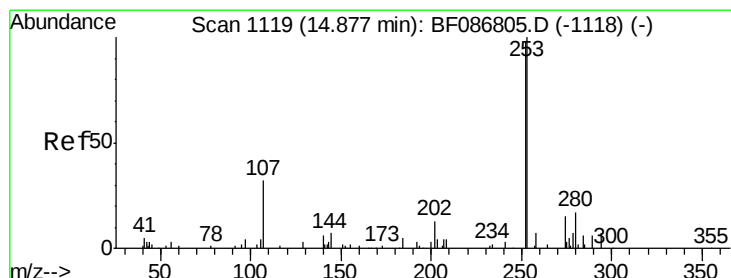
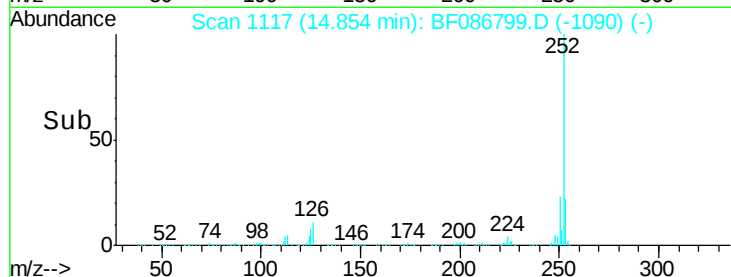
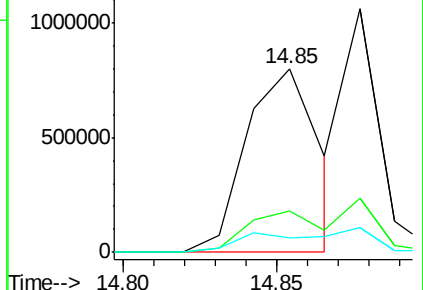
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.2	11.4	17.0

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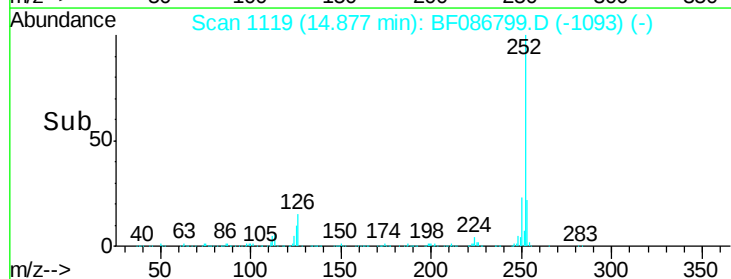
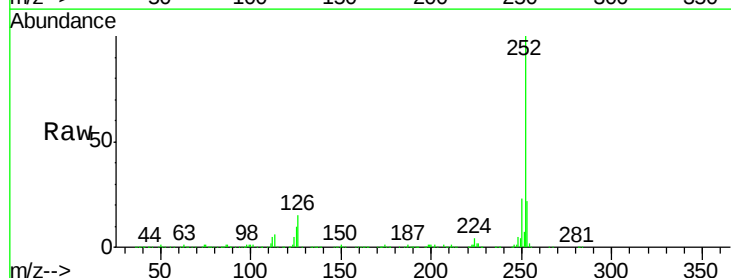
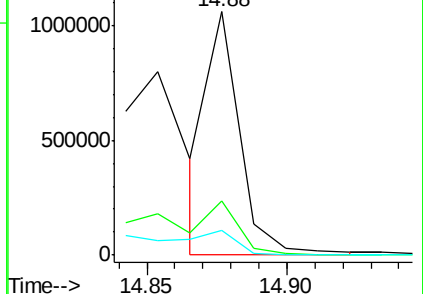
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

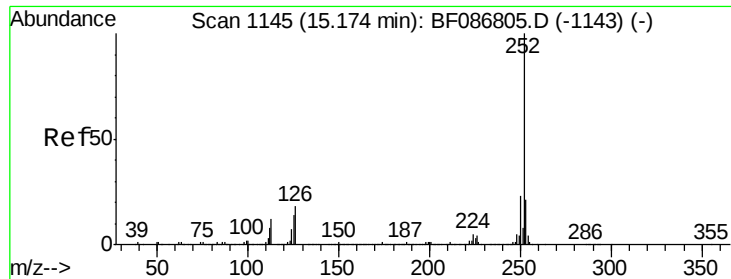


#88
Benzo(k)fluoranthene
Concen: 31.63 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF086799.D
Acq: 8 May 2016 3:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.1	9.1	13.7

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





#89

Benzo(a)pyrene

Concen: 37.64 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

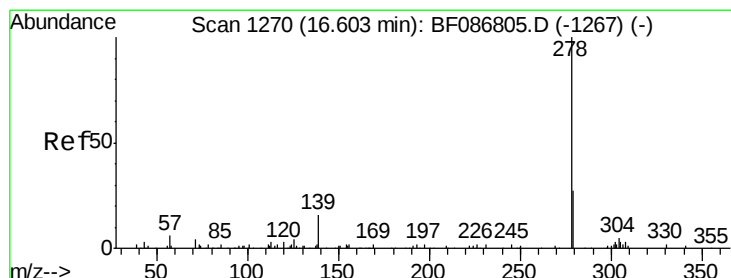
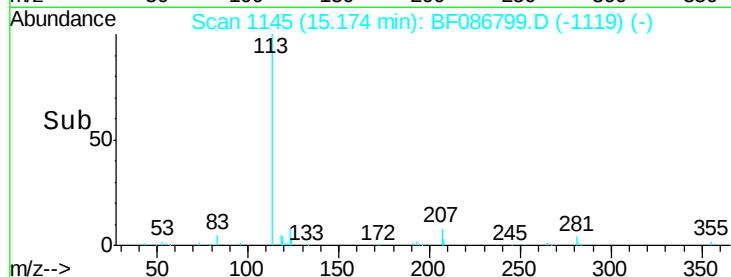
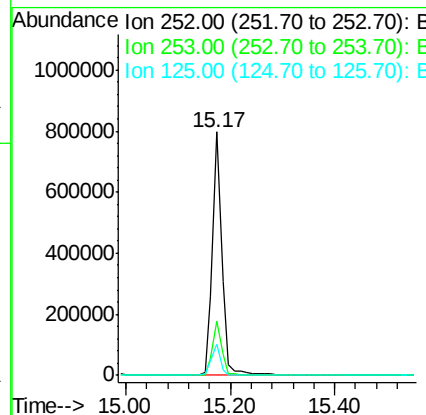
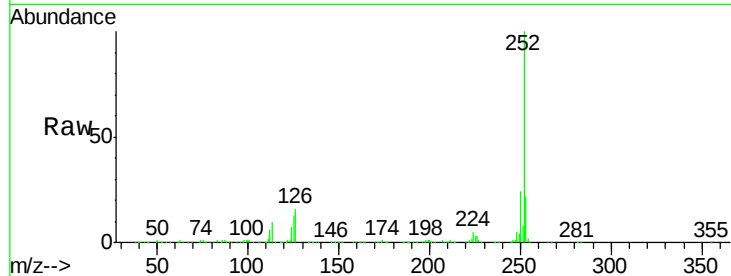
ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	1002692
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	12.6	9.0	13.6

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:13 PM



#90

Dibenzo(a,h)anthracene

Concen: 34.98 ng

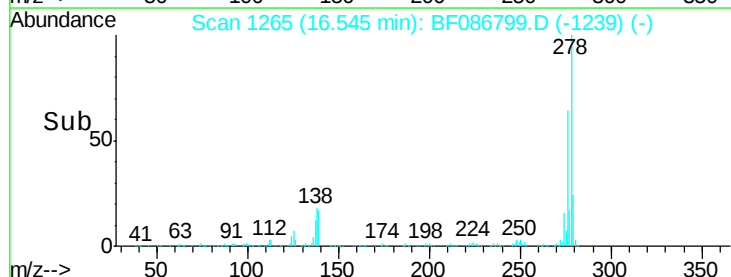
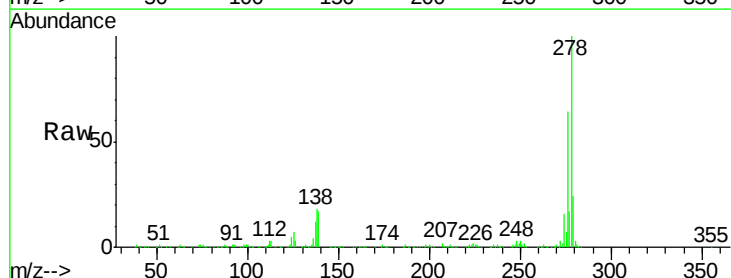
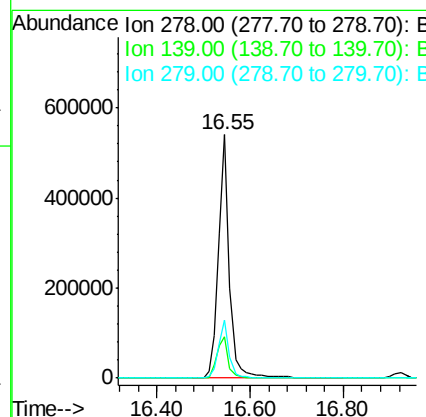
RT: 16.55 min Scan# 1265

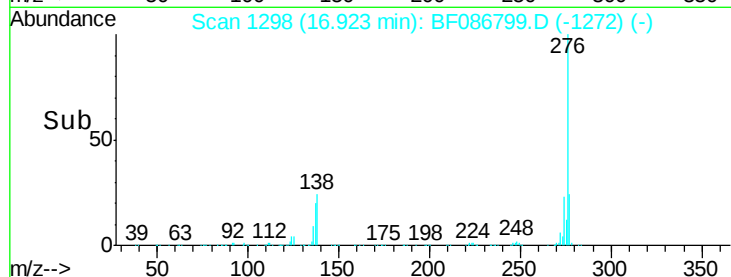
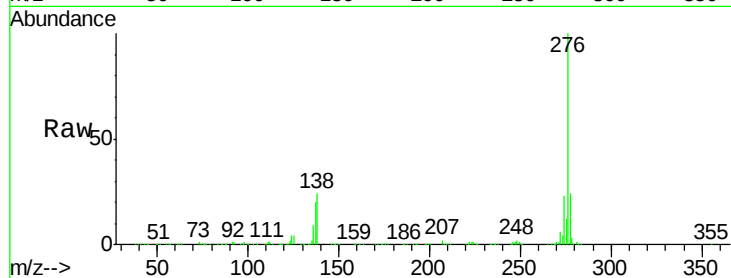
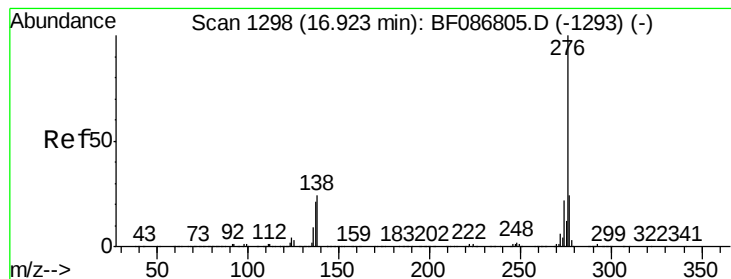
Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Tgt Ion:	278	Resp:	895094
Ion	Ratio	Lower	Upper
278	100		
139	17.1	16.6	24.8
279	23.8	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 33.21 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF086799.D

Acq: 8 May 2016 3:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	276	Resp:	892084
Ion Ratio		Lower	Upper
276	100		
277	23.6	19.6	29.4
138	24.1	23.6	35.4

Manual Integrations
APPROVED

Sohil
5/9/2016 7:20:13 PM

