

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086749.D
 Acq On : 7 May 2016 3:16
 Operator : UM/SJ
 Sample : PB90223BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90223BSD

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:17:22 PM

Quant Time: May 07 04:57:37 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 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	177640	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	745342	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	349376	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	594101	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	390518	40.00	ng	-0.01
86) Perylene-d12	15.23	264	351282	40.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1221881	113.87	ng	0.00
7) Phenol-d6	6.37	99	1593016	110.21	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1177460	81.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	420307	122.98	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1800437	84.47	ng	-0.01
78) Terphenyl-d14	12.81	244	1581149	81.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	157284	28.36	ng	# 74
3) Pyridine	3.06	79	422790	31.09	ng	# 71
4) n-Nitrosodimethylamine	2.96	42	332287	40.28	ng	# 49
6) Aniline	6.38	93	298416	16.73	ng	# 1
8) 2-Chlorophenol	6.50	128	477182	37.06	ng	90
9) Benzaldehyde	6.26	77	61367	8.51	ng	97
10) Phenol	6.38	94	532023	33.64	ng	# 55
11) bis(2-Chloroethyl)ether	6.45	93	457077	33.58	ng	86
12) 1,3-Dichlorobenzene	6.65	146	498141	36.43	ng	99
13) 1,4-Dichlorobenzene	6.73	146	509198	36.02	ng	99
14) 1,2-Dichlorobenzene	6.88	146	446541	36.27	ng	97
15) Benzyl Alcohol	6.86	79	405170	43.33	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	7.00	45	994839	35.75	ng	98
17) 2-Methylphenol	6.99	107	403303	38.90	ng	# 82
18) Hexachloroethane	7.22	117	199069	37.30	ng	# 85
19) n-Nitroso-di-n-propylamine	7.14	70	377837	38.26	ng	# 69
20) 3+4-Methylphenols	7.15	107	527947	43.49	ng	# 61
22) Acetophenone	7.13	105	677691	39.02	ng	98
24) Nitrobenzene	7.30	77	552580	36.85	ng	98
25) Isophorone	7.55	82	1000151	37.03	ng	96
26) 2-Nitrophenol	7.62	139	272779	40.77	ng	# 90
27) 2,4-Dimethylphenol	7.66	122	430216	36.62	ng	88
28) bis(2-Chloroethoxy)methane	7.76	93	602450	40.52	ng	99
29) 2,4-Dichlorophenol	7.87	162	397177	39.32	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	434547	38.56	ng	98
31) Naphthalene	8.02	128	1438976	37.79	ng	99
32) Benzoic acid	7.82	122	269274	56.86	ng	# 81
33) 4-Chloroaniline	8.08	127	120162	8.15	ng	# 94
34) Hexachlorobutadiene	8.13	225	249448	38.99	ng	98
35) Caprolactam	8.48	113	136833m	43.76	ng	
36) 4-Chloro-3-methylphenol	8.58	107	444430	38.56	ng	93
37) 2-Methylnaphthalene	8.70	142	884192	39.36	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	400934	39.65	ng	99
40) Hexachlorocyclopentadiene	8.85	237	472151	99.66	ng	95

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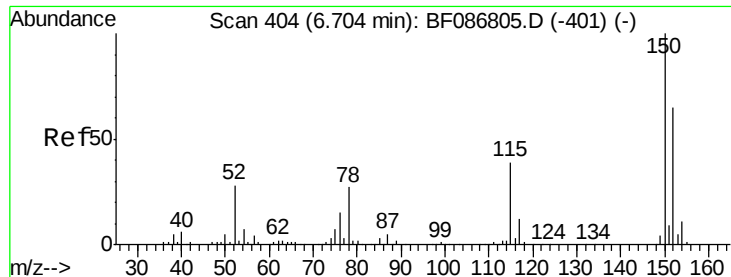
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	266685	41.47	ng	95
43) 2,4,5-Trichlorophenol	9.05	196	287061	42.73	ng	95
45) 1,1'-Biphenyl	9.17	154	1154206	40.41	ng	97
46) 2-Chloronaphthalene	9.20	162	863855	39.19	ng	96
47) 2-Nitroaniline	9.30	65	287956	36.75	ng	# 73
48) Acenaphthylene	9.61	152	1249375	38.18	ng	99
49) Dimethylphthalate	9.48	163	983302	37.75	ng	99
50) 2,6-Dinitrotoluene	9.55	165	228493	40.88	ng	# 67
51) Acenaphthene	9.78	154	810786	37.56	ng	98
52) 3-Nitroaniline	9.72	138	88478	13.92	ng	95
53) 2,4-Dinitrophenol	9.82	184	204188	85.27	ng	93
54) Dibenzofuran	9.95	168	1058468	39.56	ng	93
55) 4-Nitrophenol	9.90	139	284744	76.86	ng	# 53
56) 2,4-Dinitrotoluene	9.95	165	282472	40.78	ng	# 87
57) Fluorene	10.29	166	904117	41.70	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	233939	47.41	ng	97
59) Diethylphthalate	10.18	149	899028	36.47	ng	99
60) 4-Chlorophenyl-phenylether	10.28	204	394816	38.30	ng	97
61) 4-Nitroaniline	10.34	138	222805	36.49	ng	82
62) Azobenzene	10.44	77	1104153	40.42	ng	83
64) 4,6-Dinitro-2-methylphenol	10.35	198	141370	47.32	ng	# 22
65) n-Nitrosodiphenylamine	10.41	169	733871	38.90	ng	100
66) 4-Bromophenyl-phenylether	10.77	248	246084	41.68	ng	98
67) Hexachlorobenzene	10.83	284	278420	38.67	ng	# 63
68) Atrazine	10.94	200	228501	39.53	ng	96
69) Pentachlorophenol	11.04	266	286330	81.81	ng	99
70) Phenanthrene	11.25	178	1325167	41.53	ng	100
71) Anthracene	11.30	178	1256801	37.61	ng	100
72) Carbazole	11.46	167	1068823	36.83	ng	98
73) Di-n-butylphthalate	11.79	149	1376644	39.96	ng	# 98
74) Fluoranthene	12.43	202	1264527	39.54	ng	97
76) Benzidine	12.57	184	311338	31.90	ng	# 94
77) Pyrene	12.66	202	1347019	43.27	ng	99
79) Butylbenzylphthalate	13.29	149	610459	46.81	ng	89
80) Benzo(a)anthracene	13.84	228	937570	42.45	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	141926	10.23	ng	# 96
82) Chrysene	13.88	228	1027526	43.61	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	770815	51.08	ng	98
84) Di-n-octyl phthalate	14.45	149	1269567	57.17	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.53	276	818837	40.50	ng	95
87) Benzo(b)fluoranthene	14.85	252	1003993m	47.56	ng	
88) Benzo(k)fluoranthene	14.88	252	718413m	36.12	ng	
89) Benzo(a)pyrene	15.17	252	794804	40.88	ng	97
90) Dibenzo(a,h)anthracene	16.55	278	684260	36.64	ng	95
91) Benzo(g,h,i)perylene	16.92	276	666167	33.97	ng	# 93

(#) = 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: BF086749.D

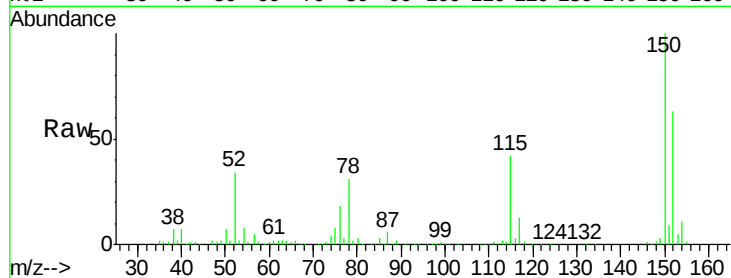
Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

PB90223BSD



Tgt Ion: 152 Resp: 177640

Ion Ratio Lower Upper

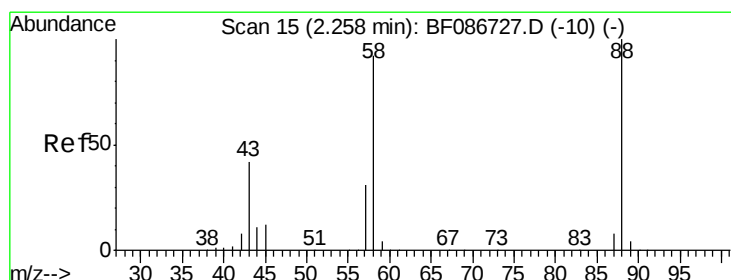
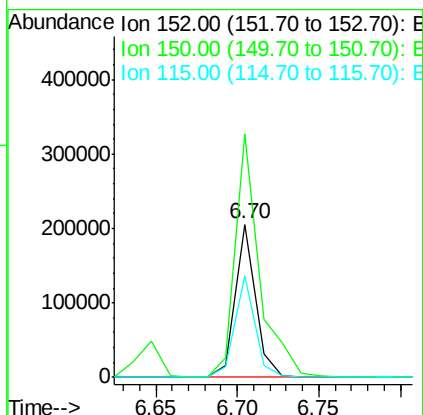
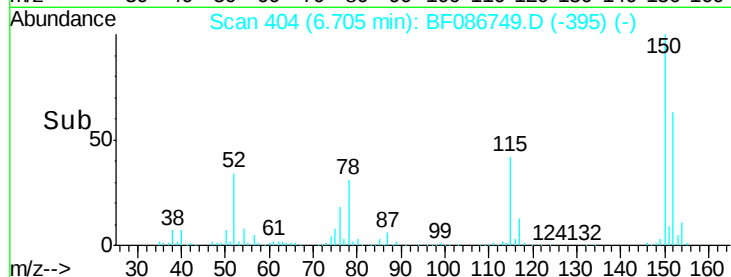
152 100

150 158.8 125.8 188.6

115 66.2 51.5 77.3

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#2

1,4-Dioxane

Concen: 28.36 ng

RT: 2.33 min Scan# 21

Delta R.T. 0.07 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

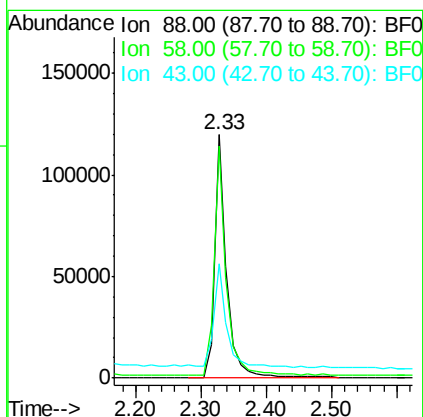
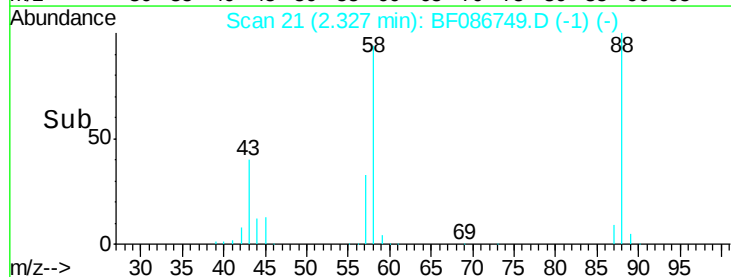
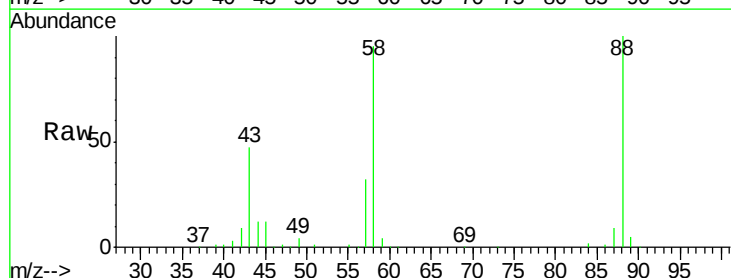
Tgt Ion: 88 Resp: 157284

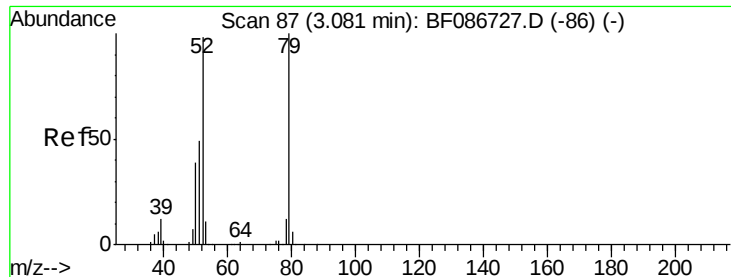
Ion Ratio Lower Upper

88 100

58 93.7 59.6 89.4#

43 45.7 21.8 32.6#





#3

Pyridine

Concen: 31.09 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.02 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

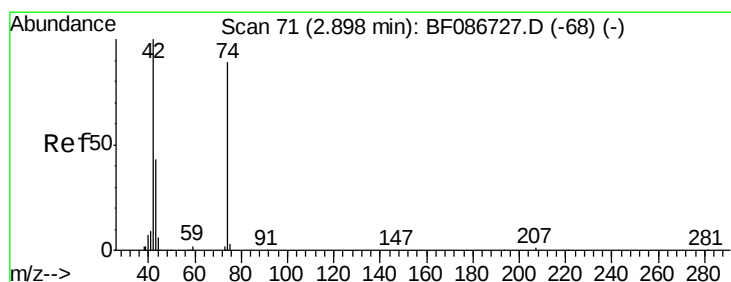
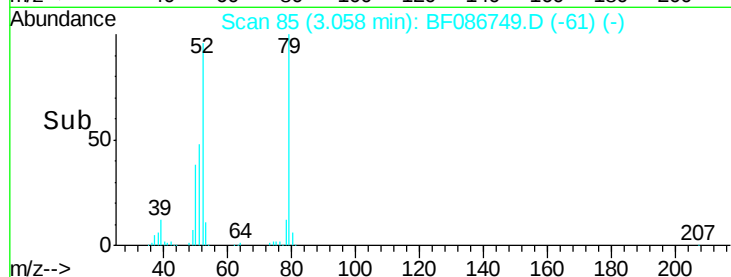
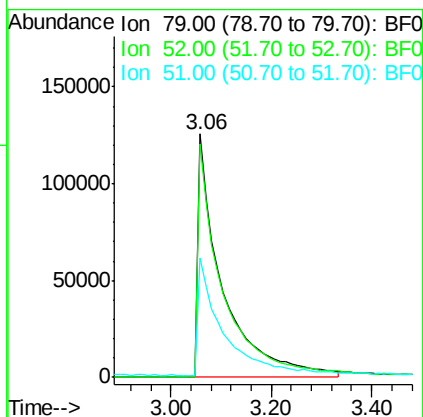
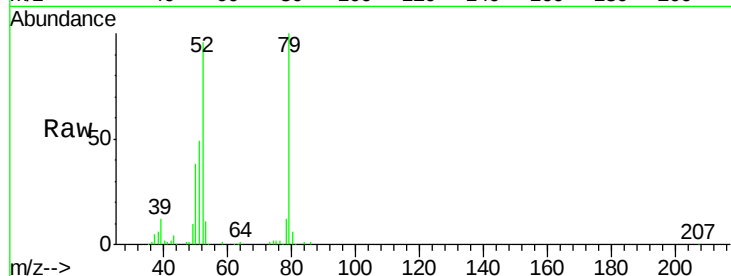
ClientSampleId :

PB90223BSD

Tgt Ion:	79	Resp:	422790
Ion	Ratio	Lower	Upper
79	100		
52	95.6	55.9	83.9#
51	49.3	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 40.28 ng

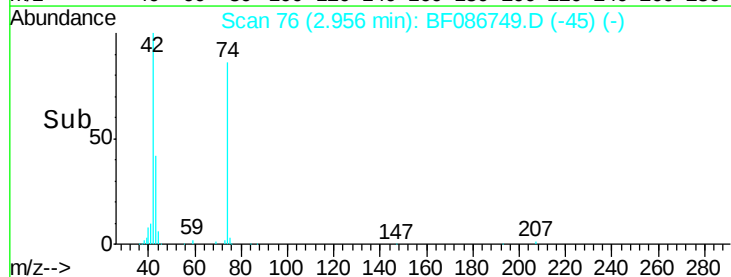
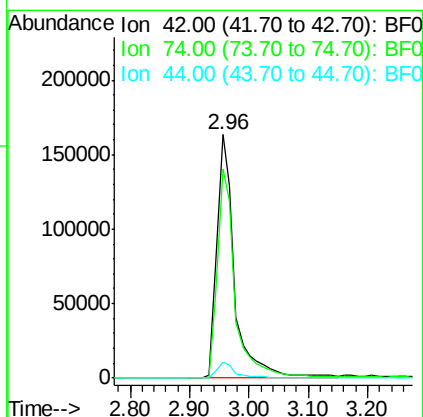
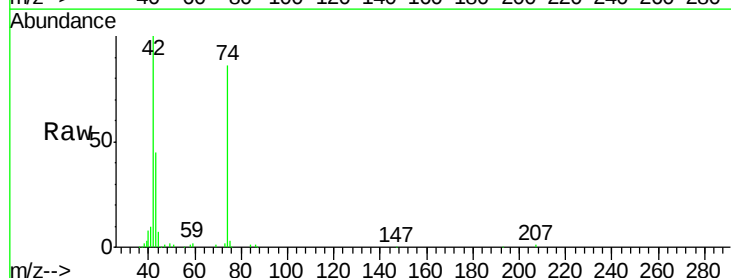
RT: 2.96 min Scan# 76

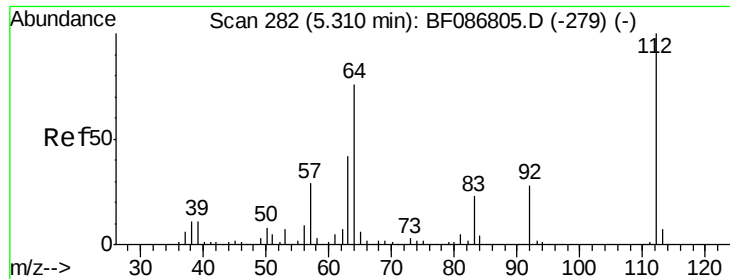
Delta R.T. 0.06 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Tgt Ion:	42	Resp:	332287
Ion	Ratio	Lower	Upper
42	100		
74	85.7	123.4	185.0#
44	6.6	5.8	8.6





#5

2-Fluorophenol

Concen: 113.87 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086749.D

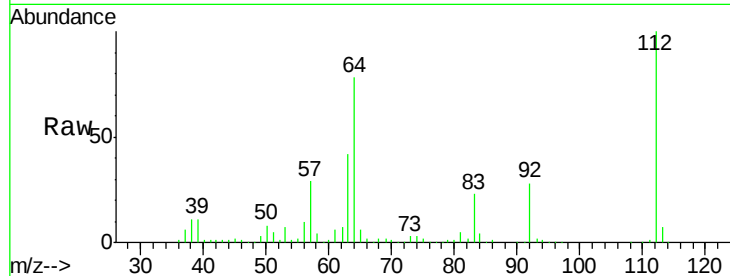
Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

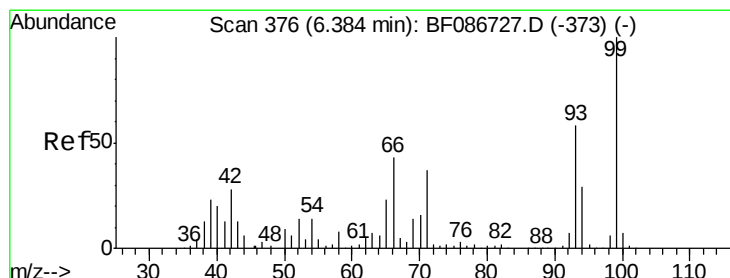
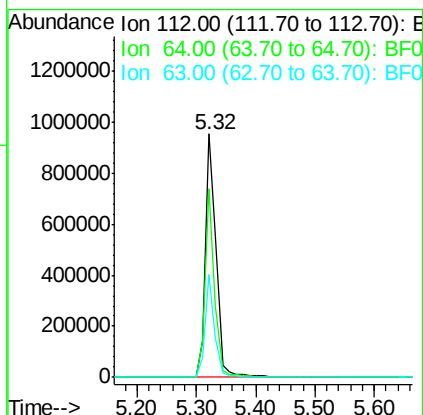
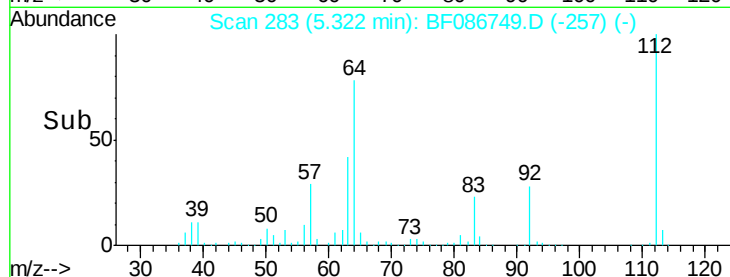
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Tgt Ion:	112	Resp:	1221881
Ion Ratio	Lower	Upper	
112	100		
64	77.5	52.1	78.1
63	42.4	25.7	38.5#

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#6

Aniline

Concen: 16.73 ng

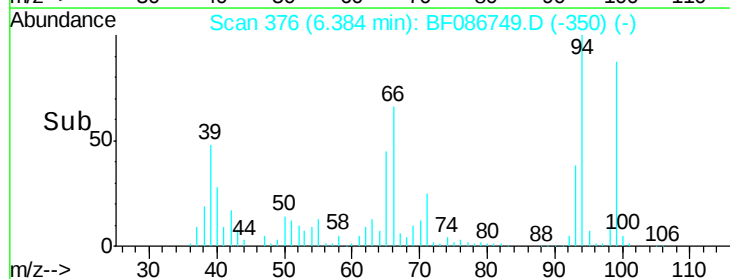
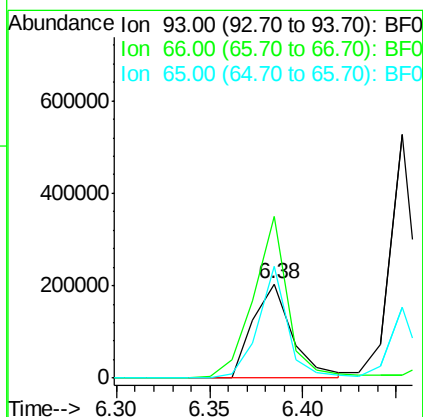
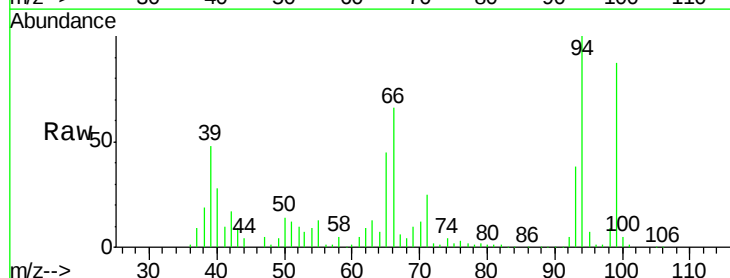
RT: 6.38 min Scan# 376

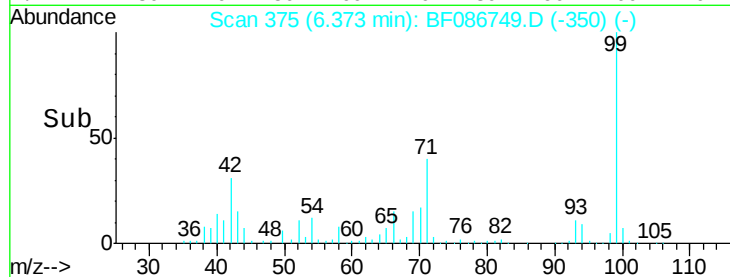
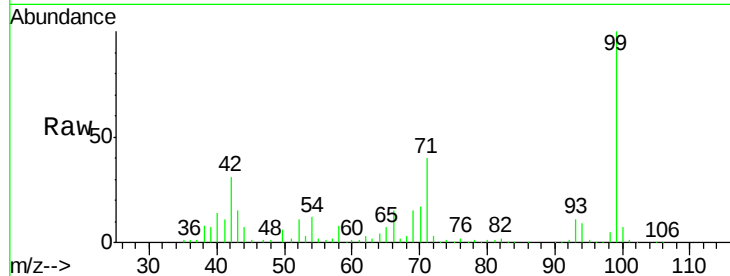
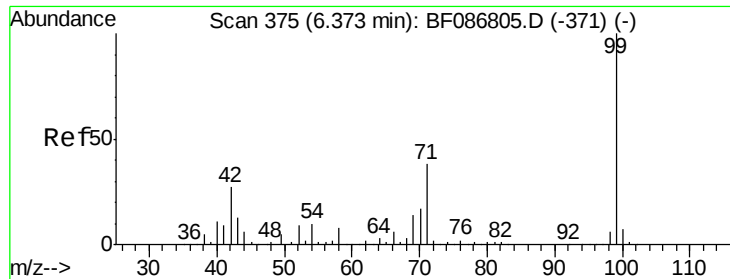
Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Tgt Ion:	93	Resp:	298416
Ion Ratio	Lower	Upper	
93	100		
66	171.9	39.0	58.6#
65	119.2	20.6	31.0#





#7

Phenol-d6

Concen: 110.21 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Tgt Ion: 99 Resp: 1593016

Ion Ratio Lower Upper

99 100

42 30.6 13.6 20.4#

71 39.7 24.6 36.8#

Instrument :

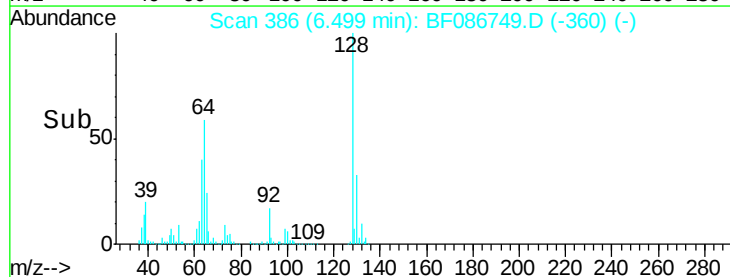
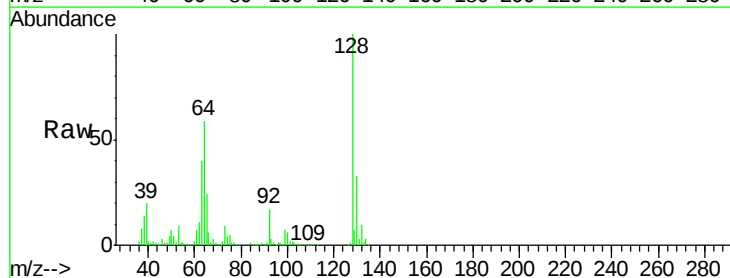
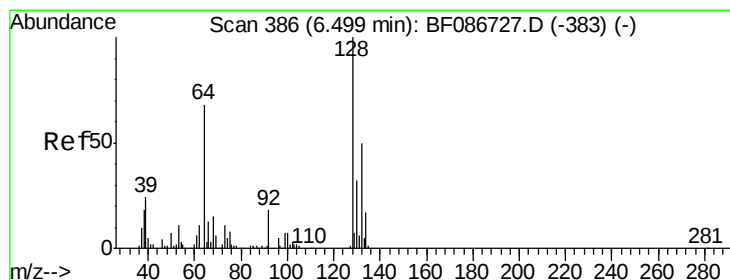
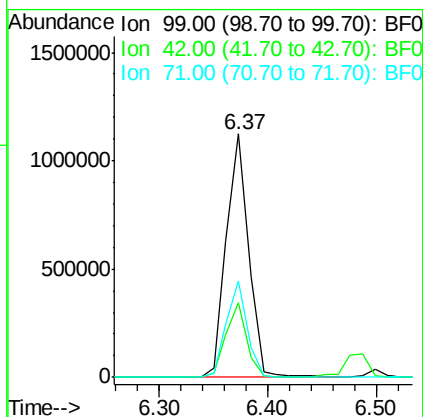
BNA_F

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#8

2-Chlorophenol

Concen: 37.06 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

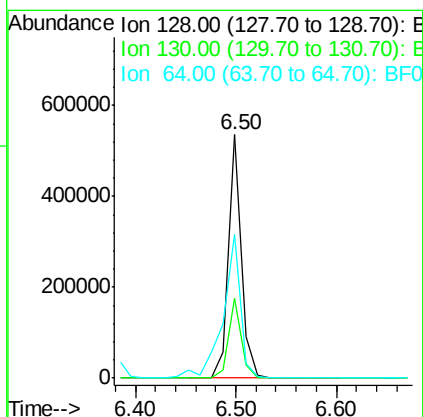
Tgt Ion: 128 Resp: 477182

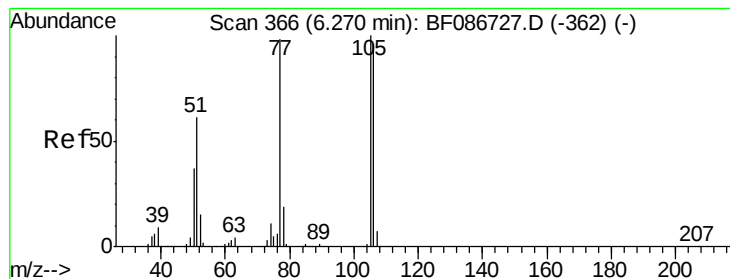
Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

64 58.8 27.3 67.3





#9

Benzaldehyde

Concen: 8.51 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

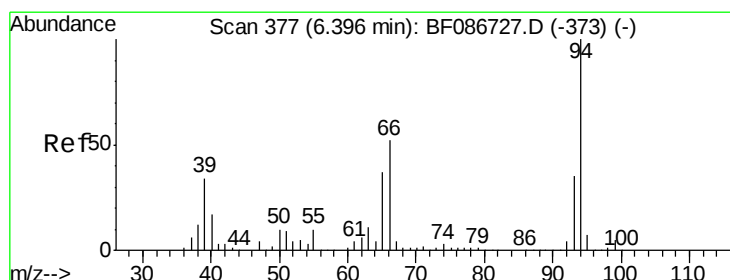
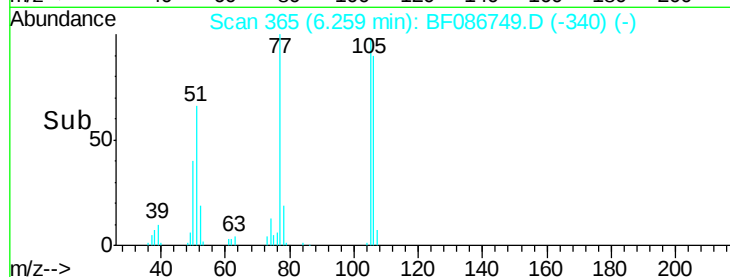
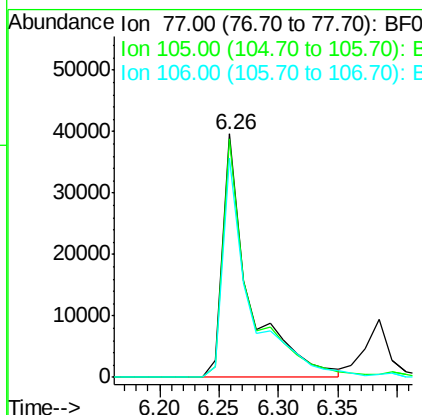
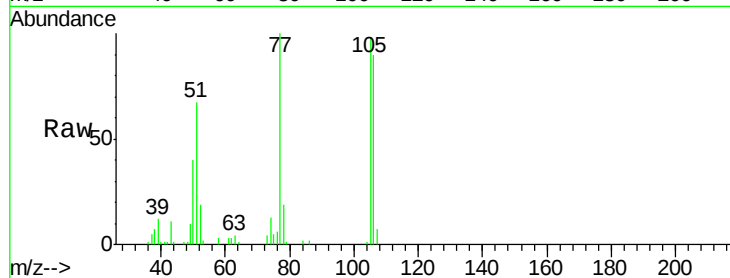
ClientSampleId :

PB90223BSD

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.7	72.7	112.7
106	90.2	70.8	110.8



#10

Phenol

Concen: 33.64 ng

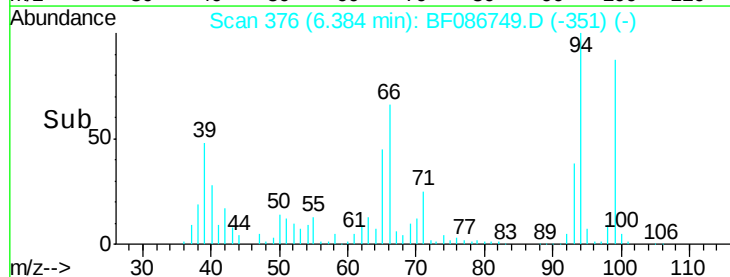
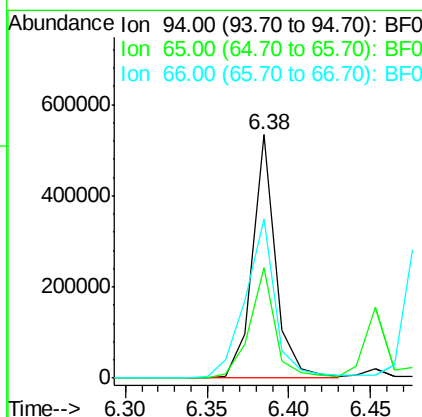
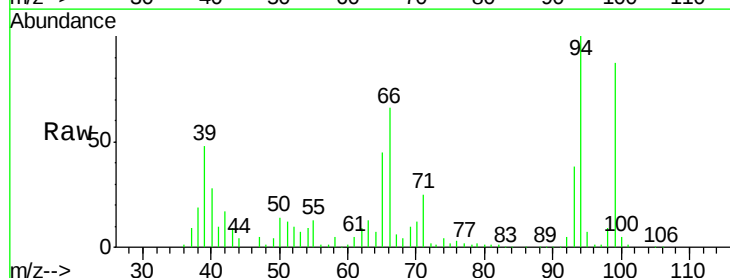
RT: 6.38 min Scan# 376

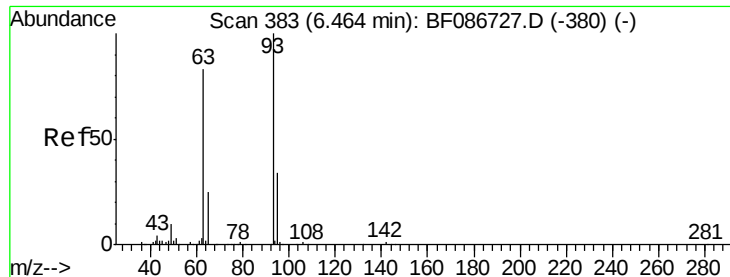
Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	45.5	7.2	47.2
66	65.5	14.9	54.9





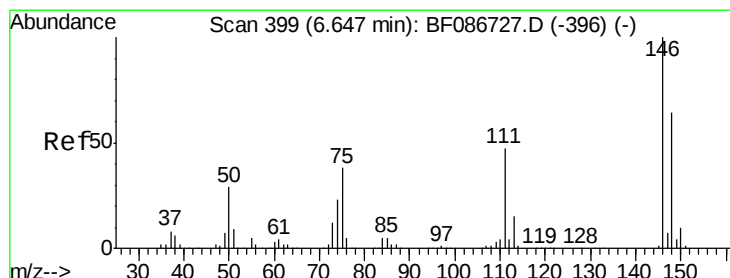
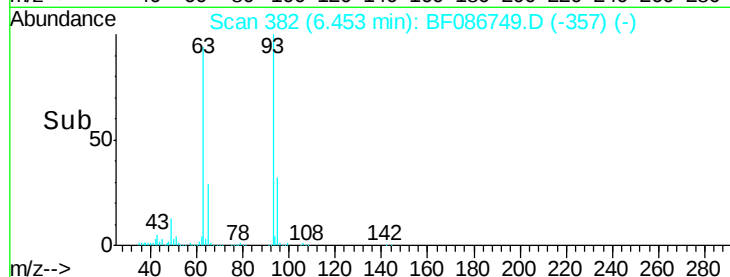
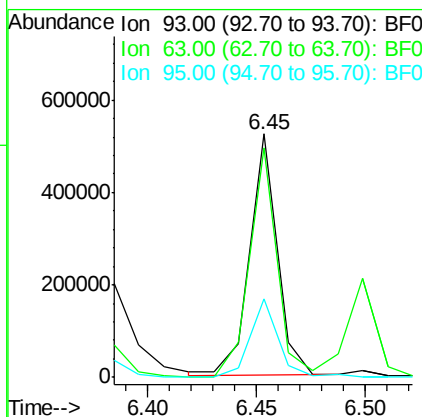
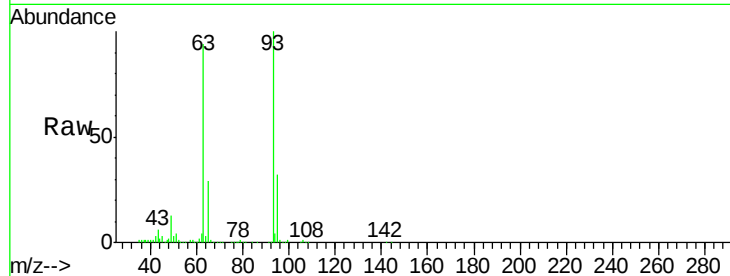
#11
bis(2-Chloroethyl)ether
Concen: 33.58 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Instrument :
BNA_F
ClientSampleId :
PB90223BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	457077		
63	94.4	58.0	98.0	
95	32.3	11.9	51.9	

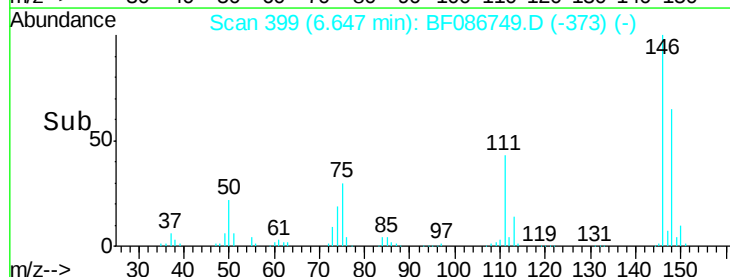
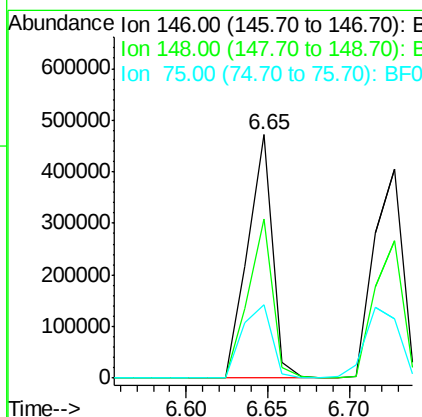
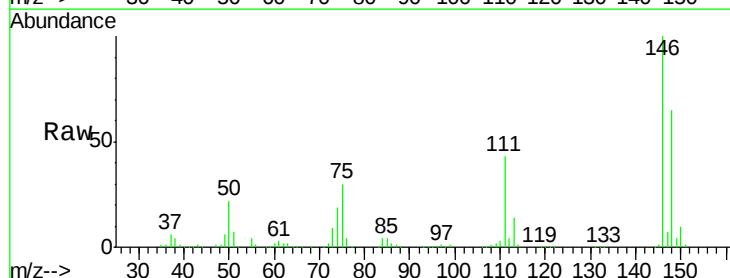
Manual Integrations
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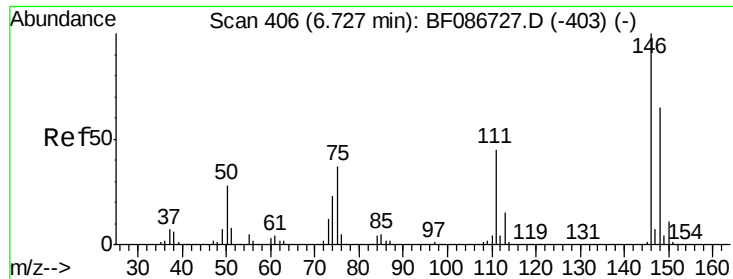
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.43 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	498141		
148	65.4	52.4	78.6	
75	30.3	22.8	34.2	





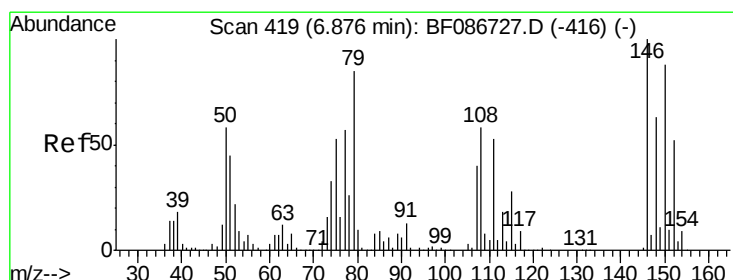
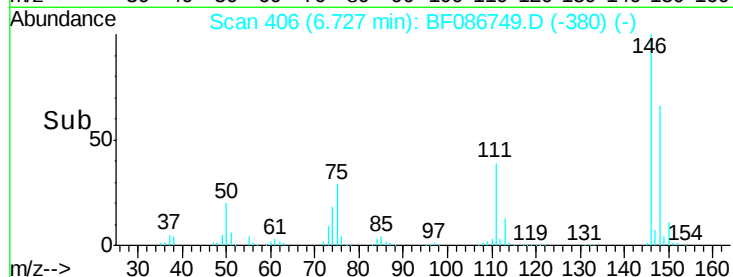
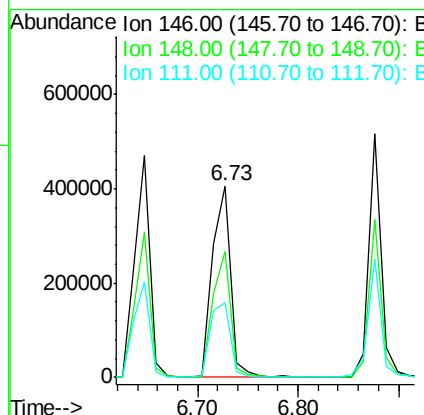
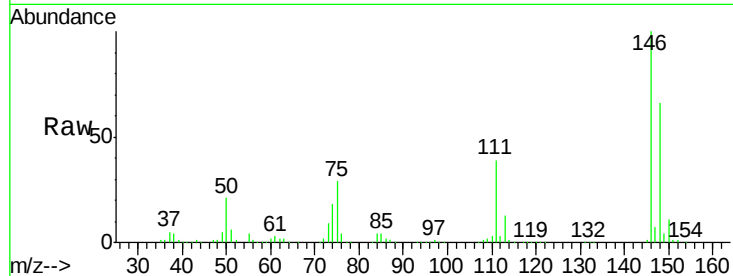
#13
 1,4-Dichlorobenzene
 Concen: 36.02 ng
 RT: 6.73 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90223BSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	509198		
148	65.6	52.2	78.4	
111	39.3	30.7	46.1	

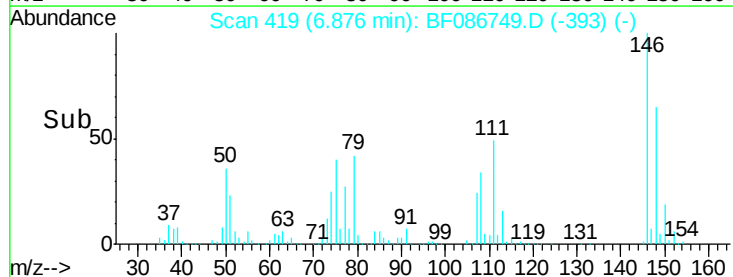
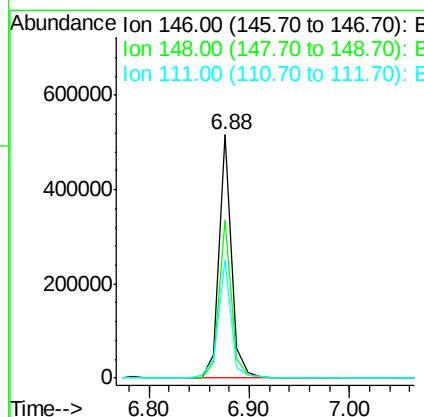
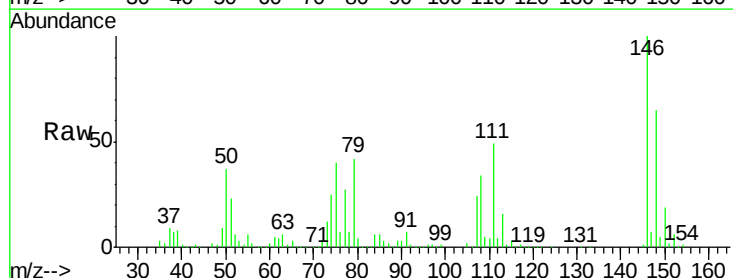
Manual Integrations
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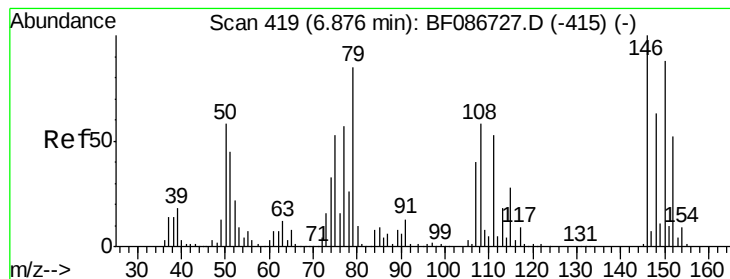
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.27 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	446541		
148	64.8	51.0	76.6	
111	48.5	36.2	54.4	





#15

Benzyl Alcohol

Concen: 43.33 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

PB90223BSD

Tgt Ion: 79 Resp: 405170
Ion Ratio Lower Upper

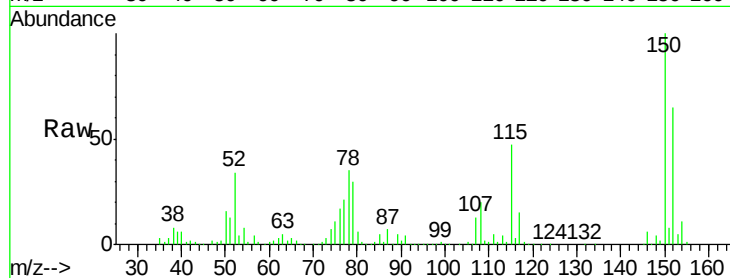
79 100

108 64.7 68.4 102.6#

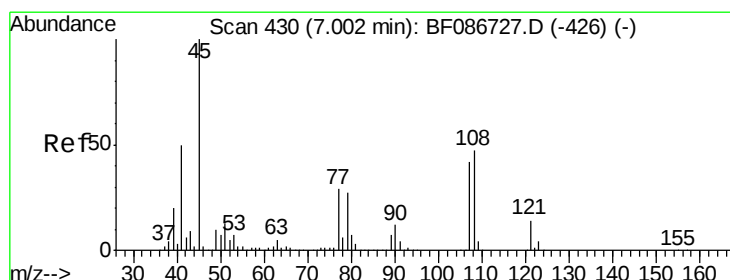
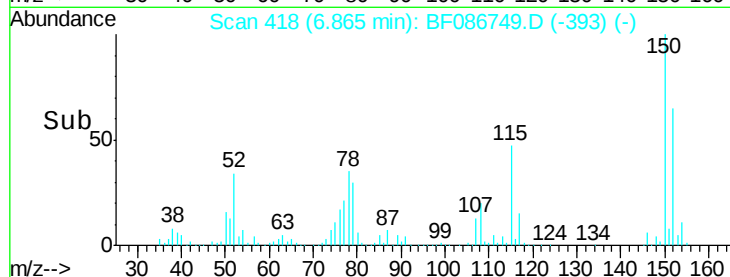
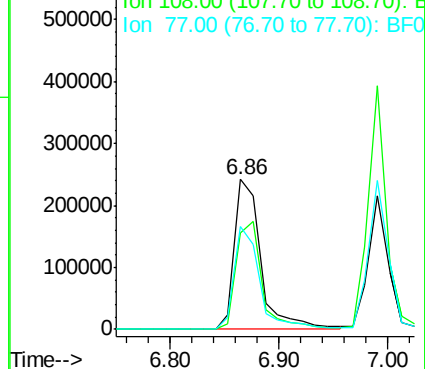
77 68.9 50.6 76.0

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.75 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF086749.D

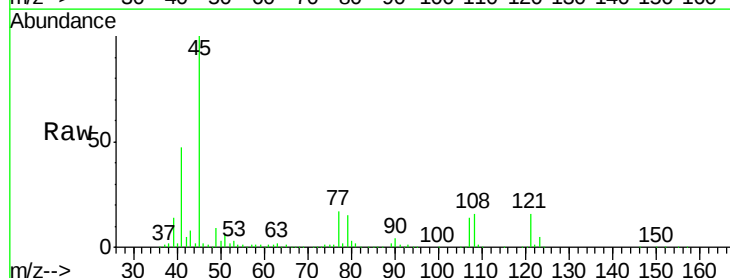
Acq: 7 May 2016 3:16

Tgt Ion: 45 Resp: 994839
Ion Ratio Lower Upper

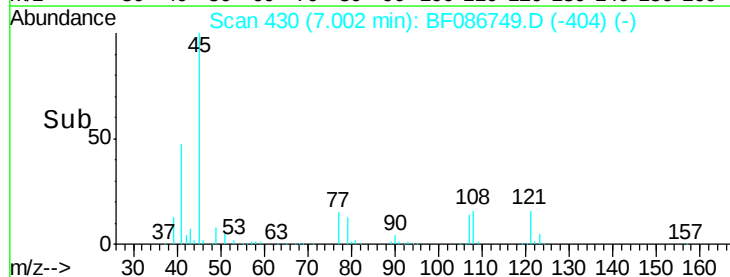
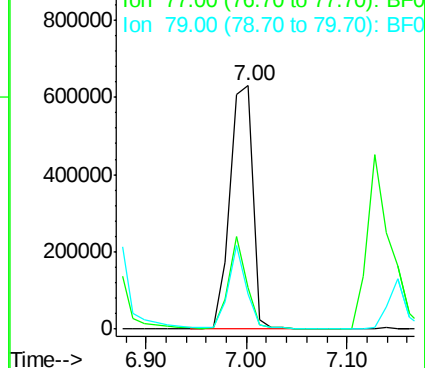
45 100

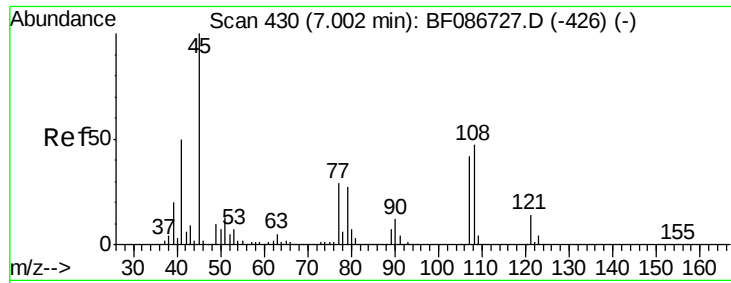
77 16.9 0.0 36.4

79 14.6 0.0 33.4



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





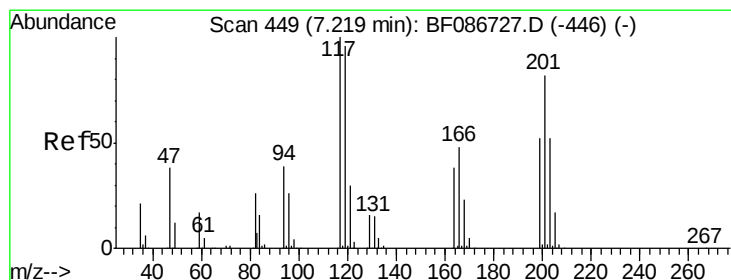
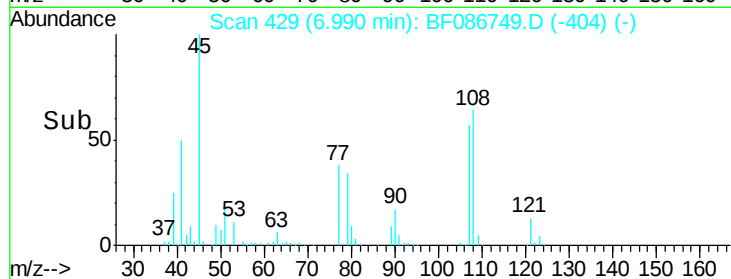
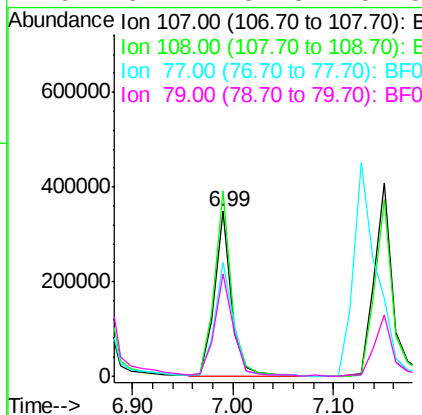
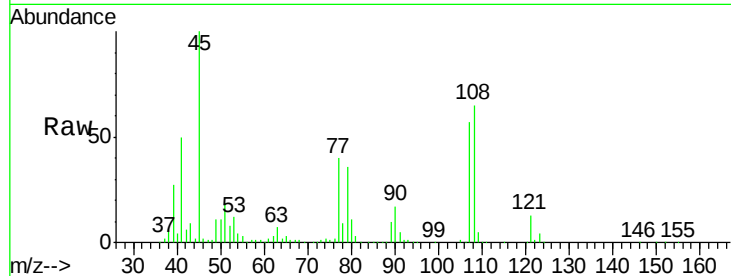
#17
2-Methylphenol
Concen: 38.90 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Instrument :
BNA_F
ClientSampleId :
PB90223BSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	403303		
108	112.9	93.7	140.5	
77	69.3	33.4	50.0#	
79	62.2	34.3	51.5#	

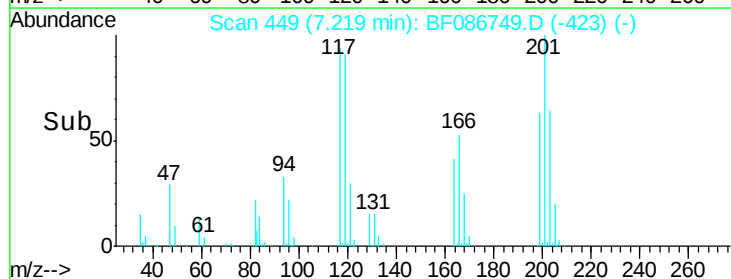
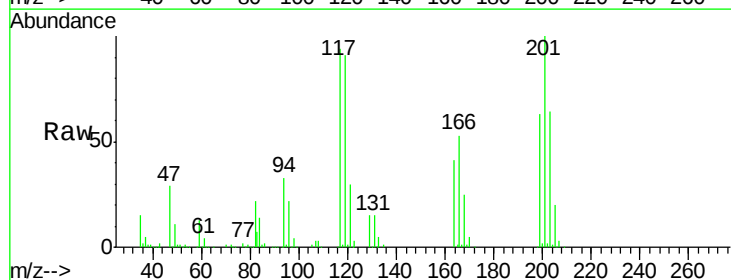
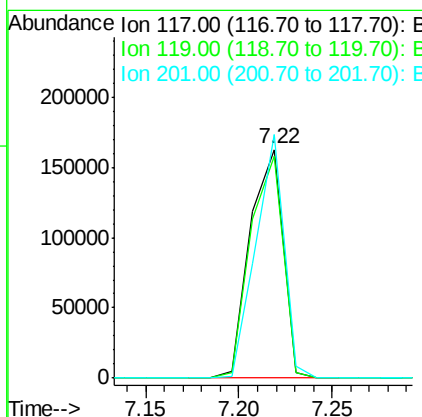
Manual Integrations
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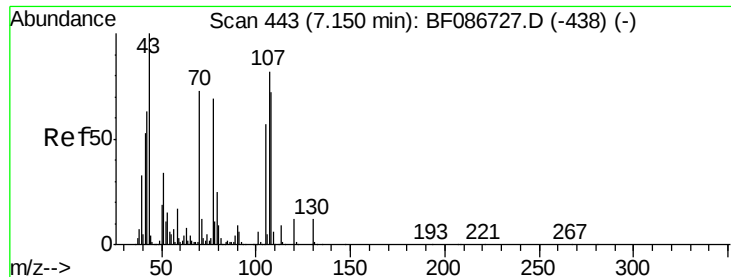
Sohil
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#18
Hexachloroethane
Concen: 37.30 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	199069		
119	97.2	76.5	114.7	
201	106.6	63.0	94.6#	





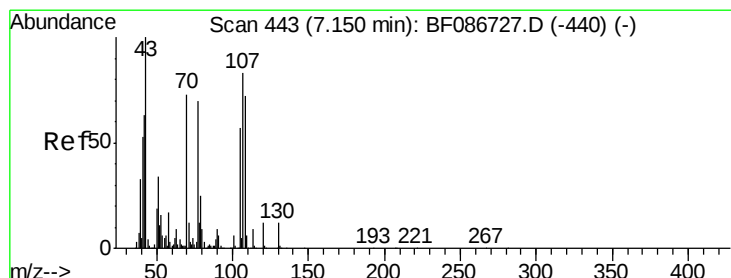
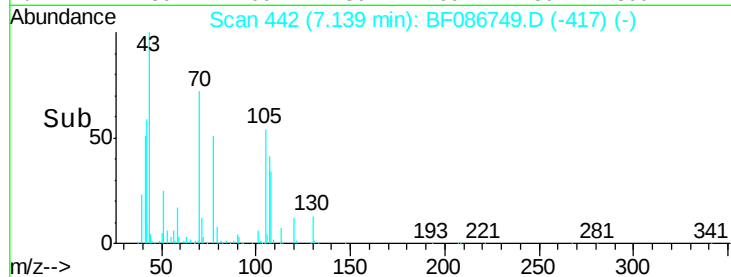
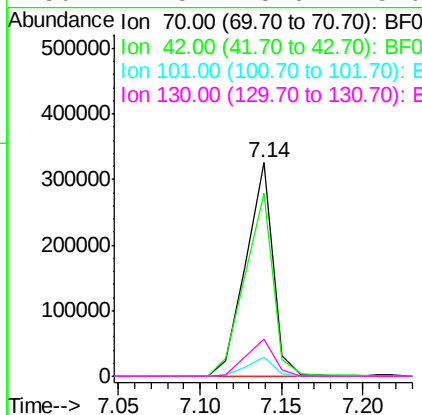
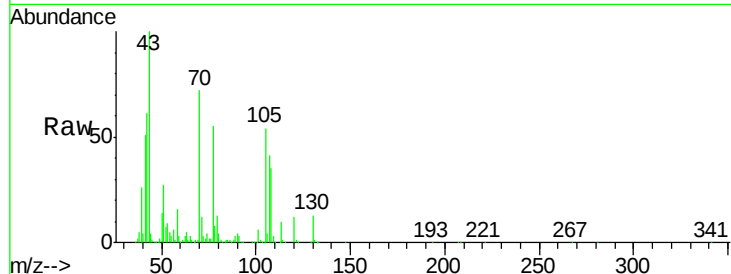
#19
n-Nitroso-di-n-propylamine
Concen: 38.26 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Instrument :
BNA_F
ClientSampleId :
PB90223BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	85.5	43.1	64.7#
101	8.9	8.1	12.1
130	17.5	18.6	28.0#

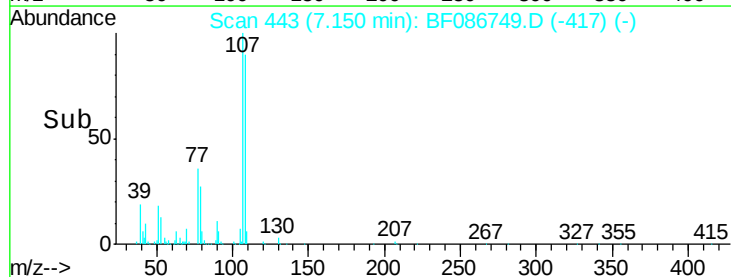
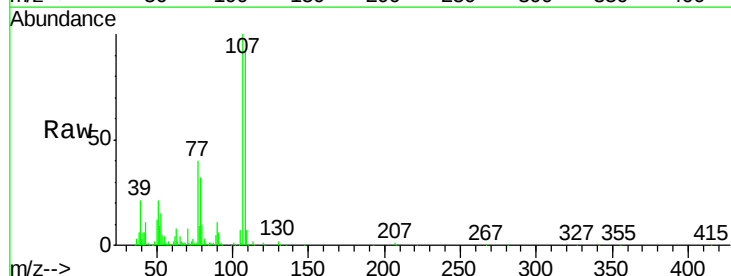
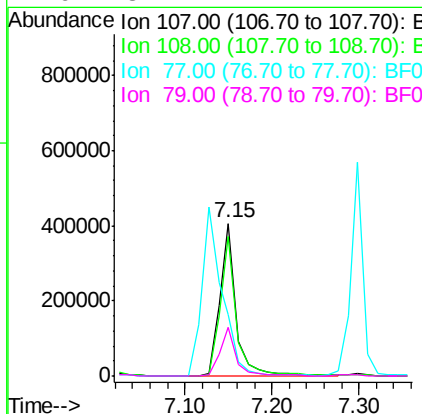
Manual Integrations
APPROVED

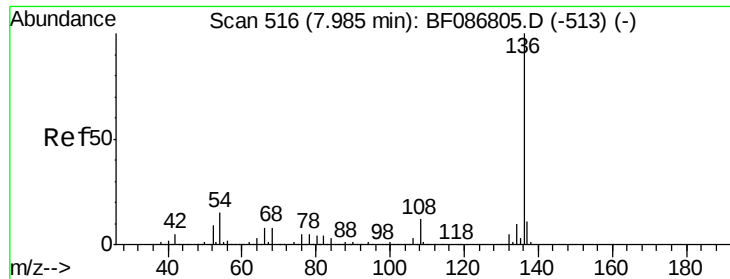
Sohil
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#20
3+4-Methylphenols
Concen: 43.49 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	91.5	68.5	108.5
77	40.4	101.6	141.6#
79	32.2	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: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

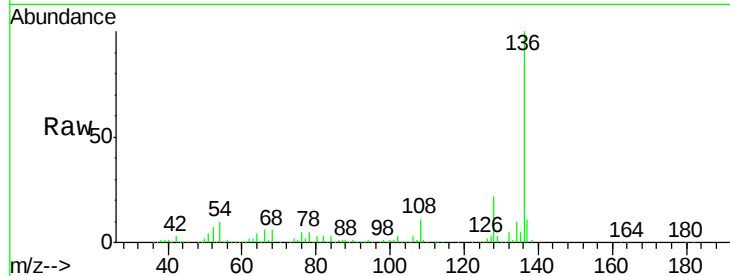
ClientSampleId :

PB90223BSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		745342		
137	11.0	8.8	13.2		
54	10.2	5.0	7.4#		
68	5.7	4.4	6.6		

Manual Integrations
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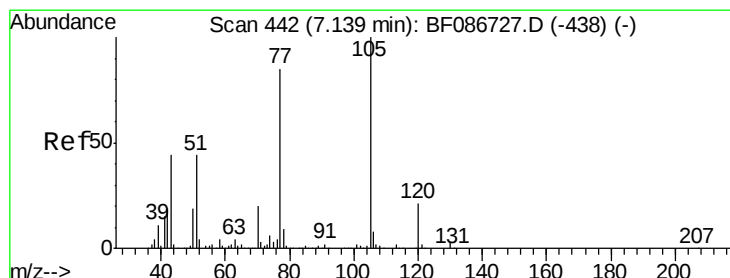
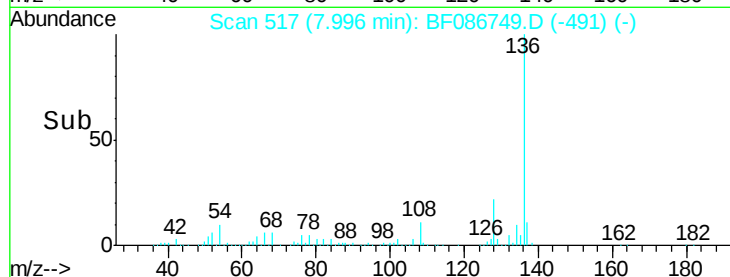
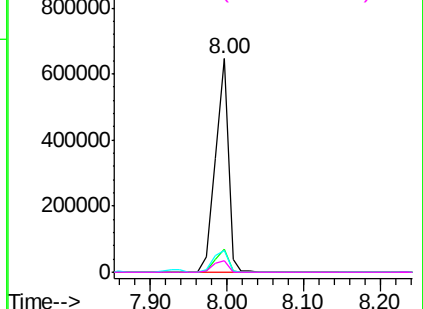


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.02 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

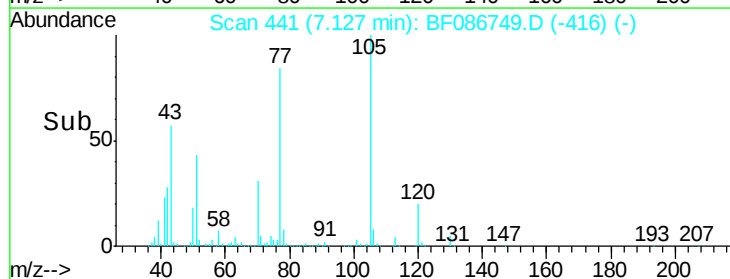
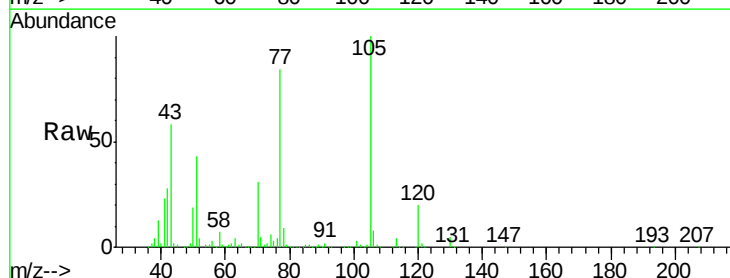
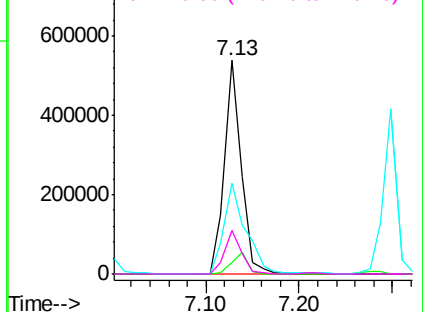
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		677691		
71	5.2	4.8	7.2		
51	42.7	32.6	49.0		
120	20.3	16.5	24.7		

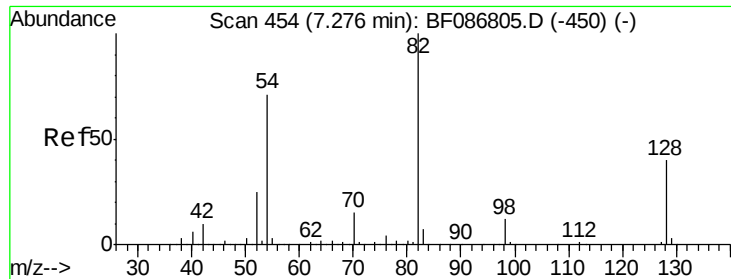
Abundance Ion 105.00 (104.70 to 105.70): E

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





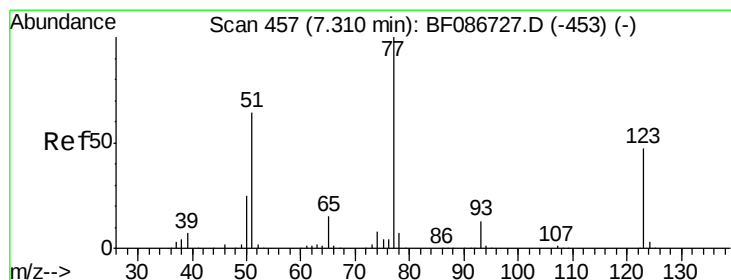
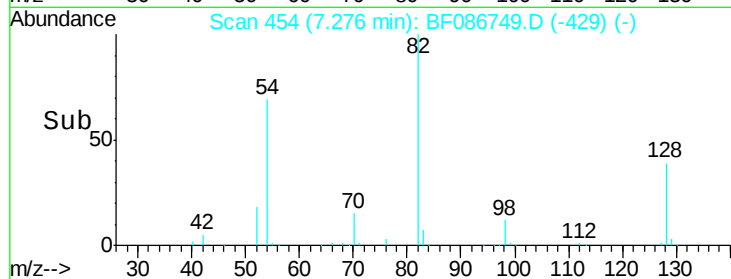
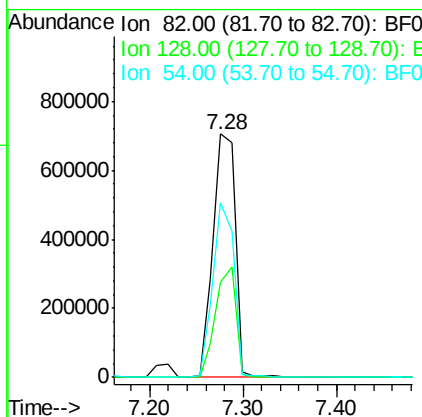
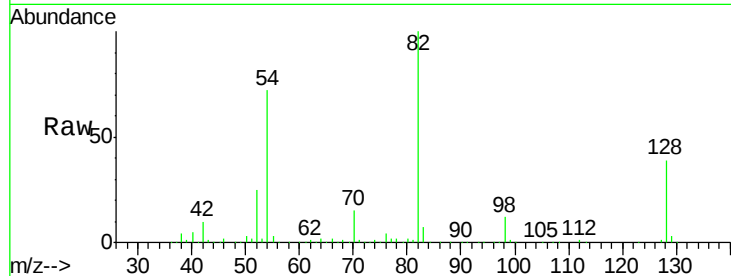
#23
 Nitrobenzene-d5
 Concen: 81.18 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90223BSD

Tgt Ion: 82 Resp: 1177460
 Ion Ratio Lower Upper
 82 100
 128 39.2 40.6 61.0#
 54 71.8 38.1 57.1#

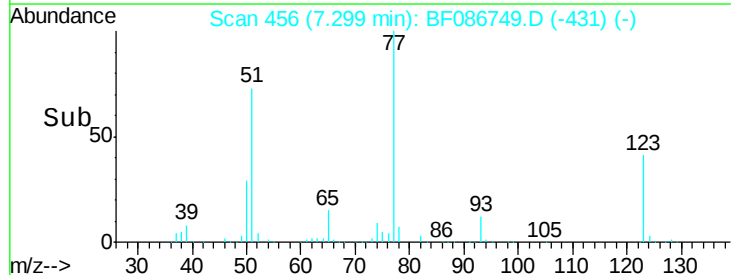
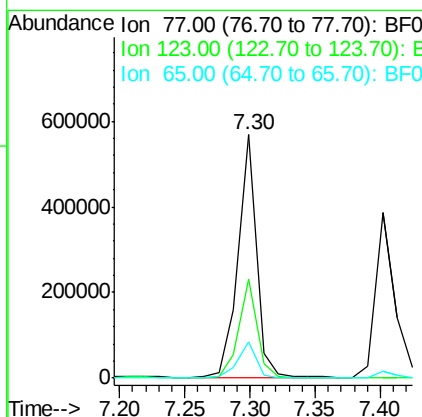
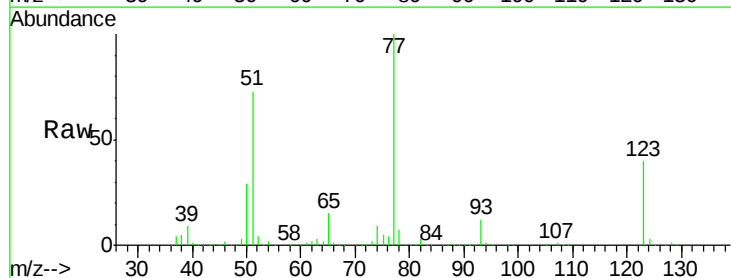
Manual Integrations
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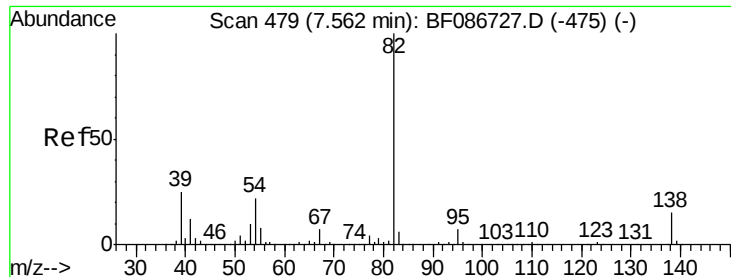
Sohil
 5/9/2016 7:17:22 PM



#24
 Nitrobenzene
 Concen: 36.85 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Tgt Ion: 77 Resp: 552580
 Ion Ratio Lower Upper
 77 100
 123 40.4 33.0 49.4
 65 15.0 10.8 16.2





#25

Isophorone

Concen: 37.03 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

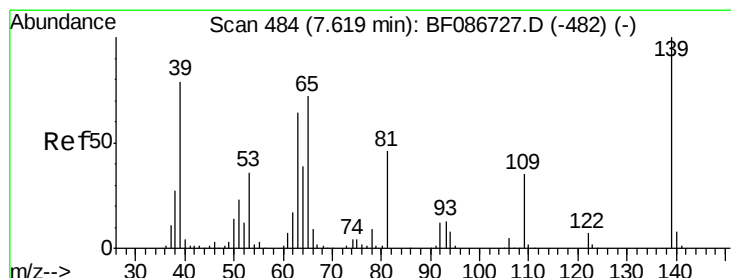
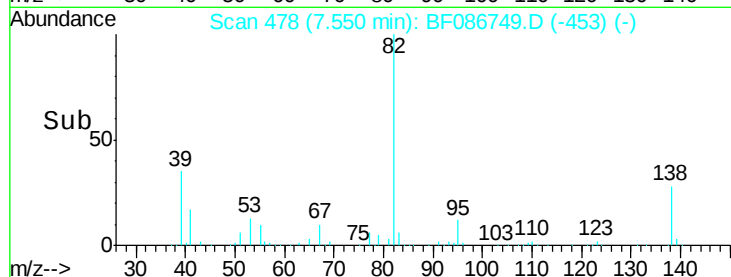
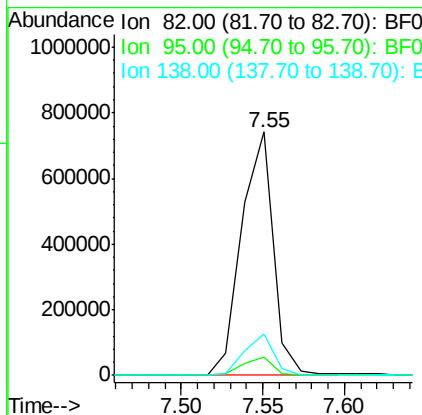
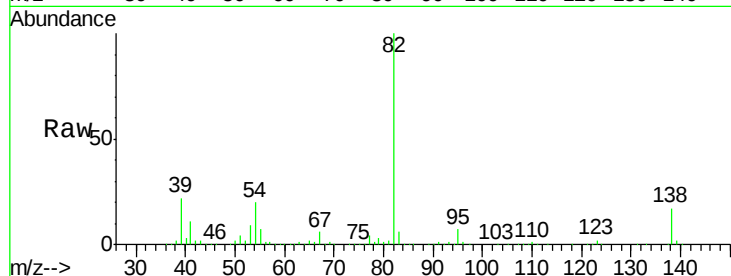
ClientSampleId :

PB90223BSD

Tgt Ion:	82	Resp:	1000151
Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.1	7.7
138	17.2	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.77 ng

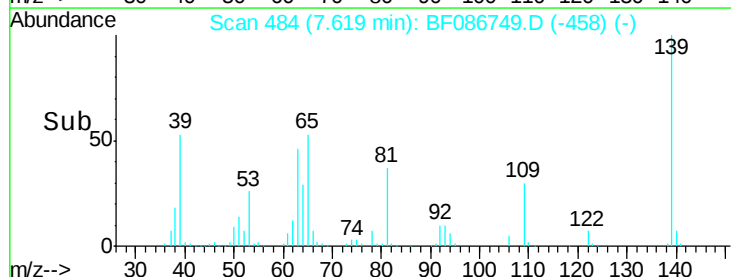
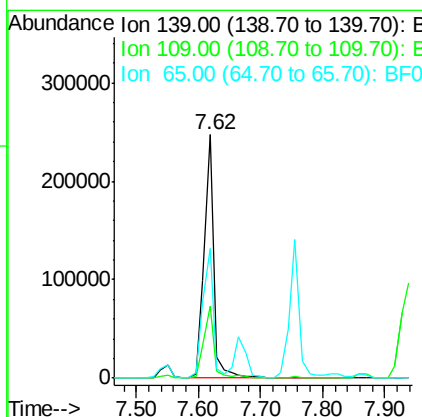
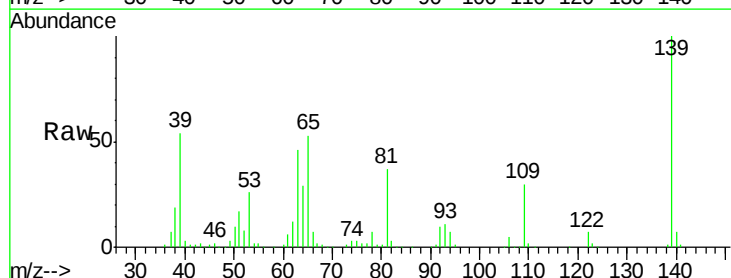
RT: 7.62 min Scan# 484

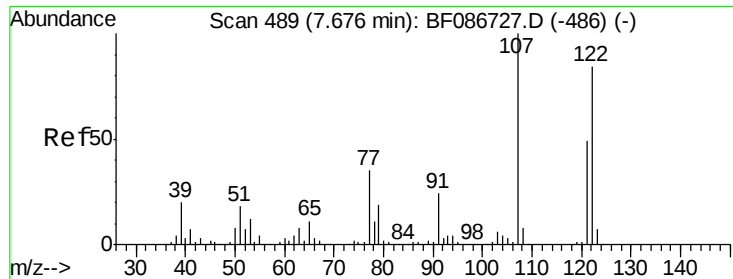
Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Tgt Ion:	139	Resp:	272779
Ion	Ratio	Lower	Upper
139	100		
109	29.7	19.5	29.3#
65	53.4	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 36.62 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

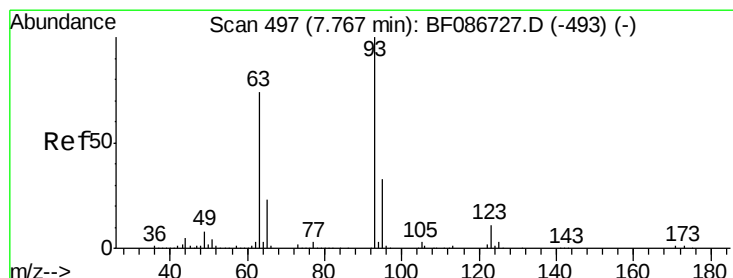
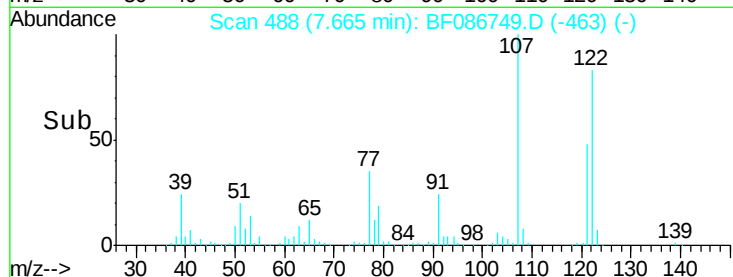
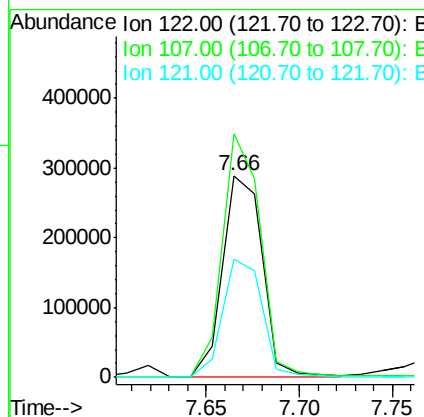
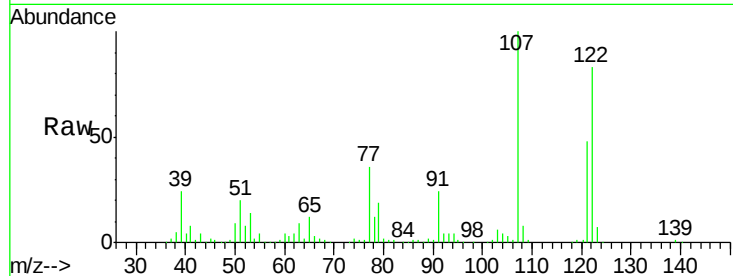
ClientSampleId :

PB90223BSD

Tgt Ion:	122	Resp:	430216
Ion Ratio	Lower	Upper	
122	100		
107	120.8	82.0	123.0
121	58.4	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 40.52 ng

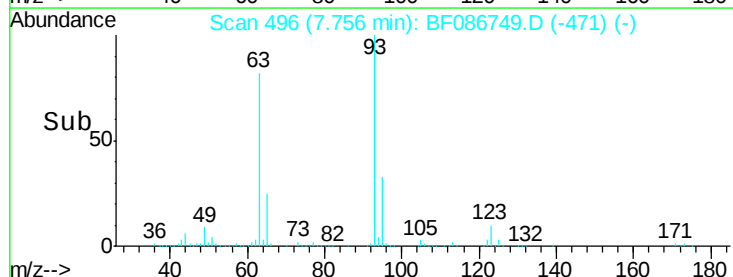
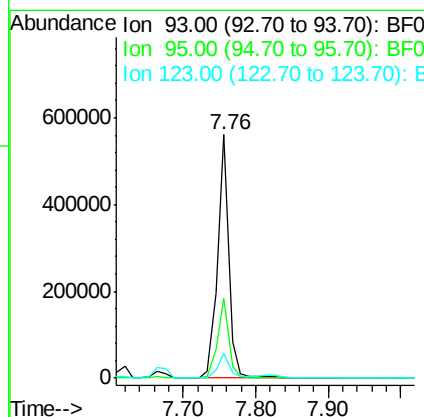
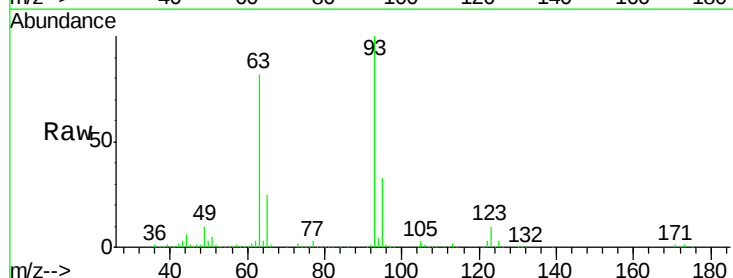
RT: 7.76 min Scan# 496

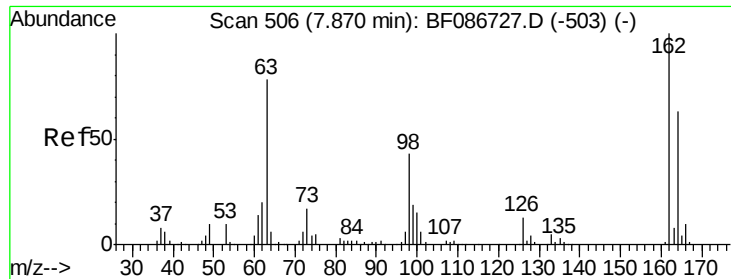
Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Tgt Ion:	93	Resp:	602450
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.0	39.0
123	10.1	9.5	14.3





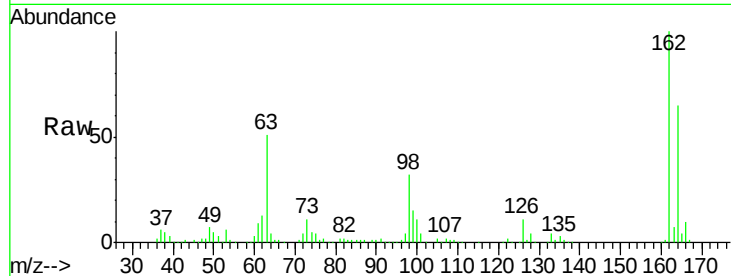
#29
 2,4-Dichlorophenol
 Concen: 39.32 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90223BSD

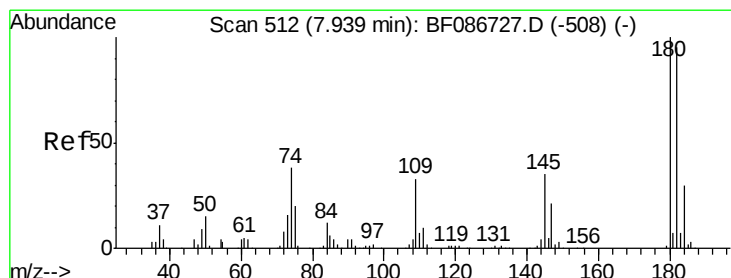
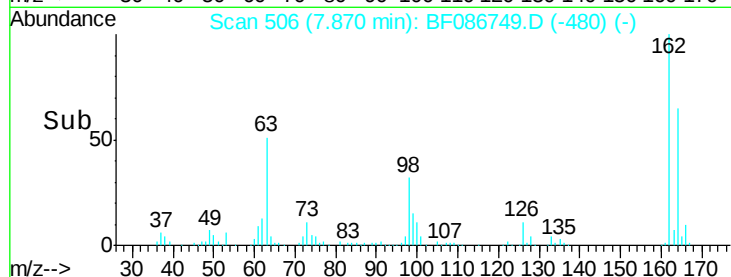
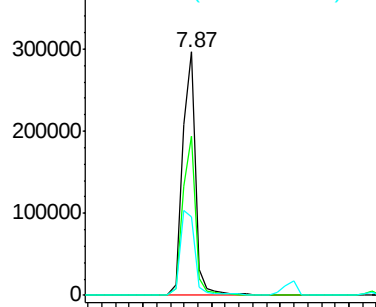
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	397177		
164	65.4	42.2	82.2	
98	32.4	19.0	59.0	

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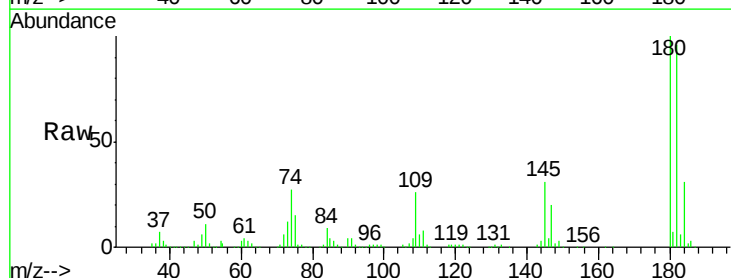


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

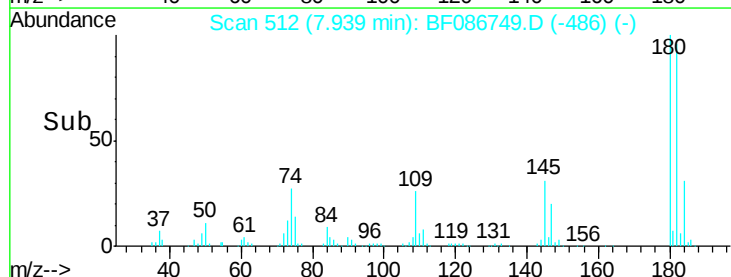
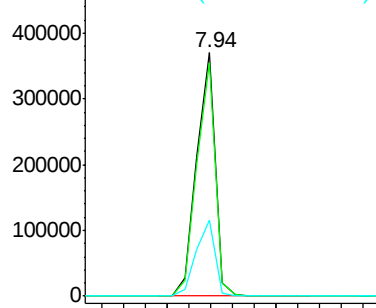


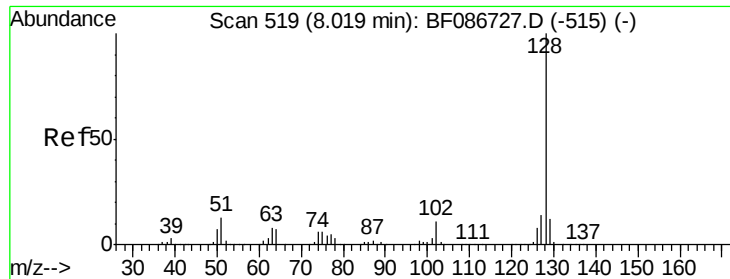
#30
 1,2,4-Trichlorobenzene
 Concen: 38.56 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	434547		
182	95.6	78.0	117.0	
145	31.3	24.2	36.2	



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





#31

Naphthalene

Concen: 37.79 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

PB90223BSD

Tgt Ion:128 Resp: 1438976

Ion Ratio Lower Upper

128 100

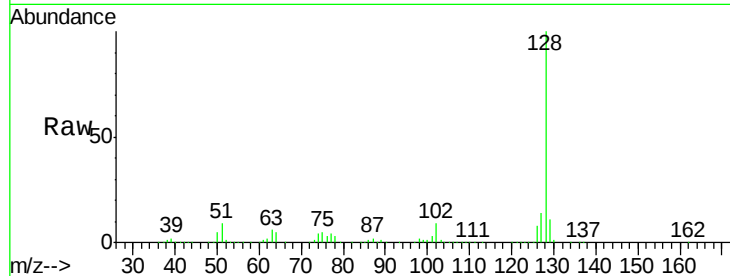
129 11.1 8.6 13.0

127 13.7 10.8 16.2

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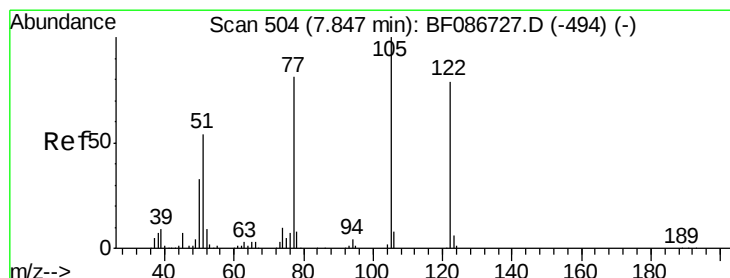
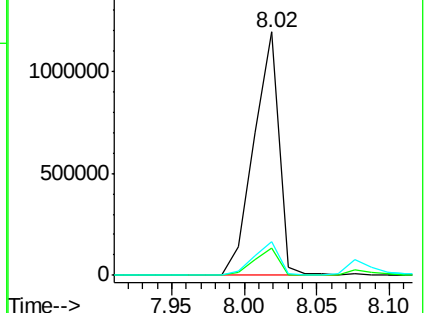
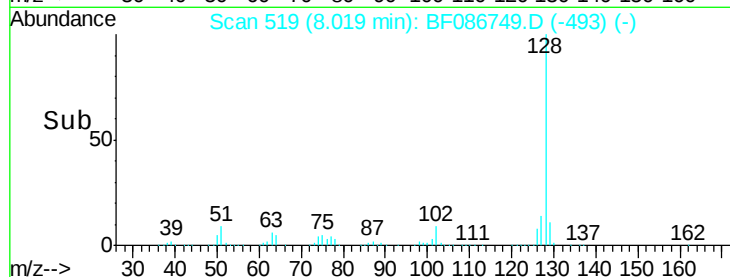
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 56.86 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

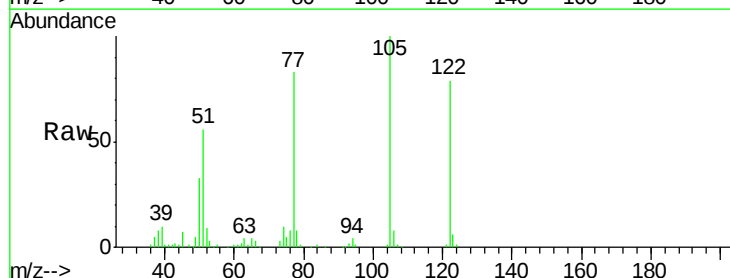
Tgt Ion:122 Resp: 269274

Ion Ratio Lower Upper

122 100

105 125.9 92.6 132.6

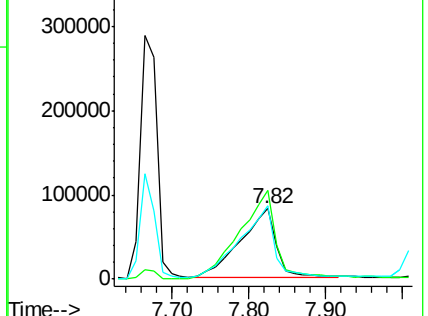
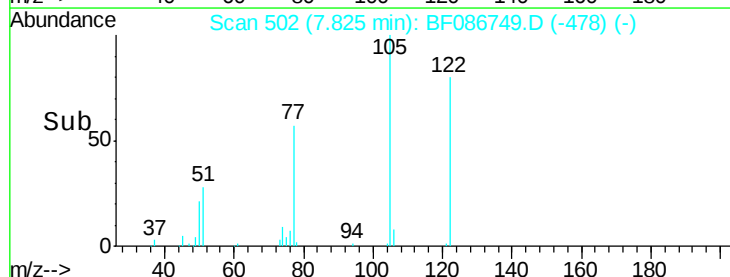
77 104.1 60.0 100.0#

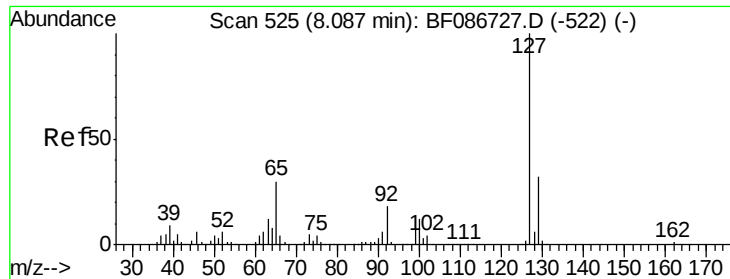


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





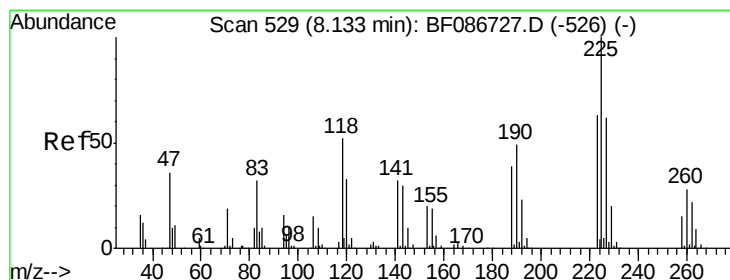
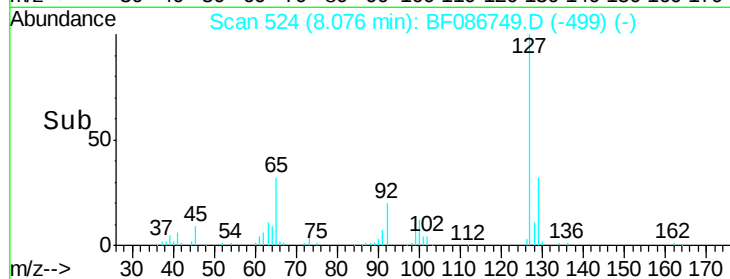
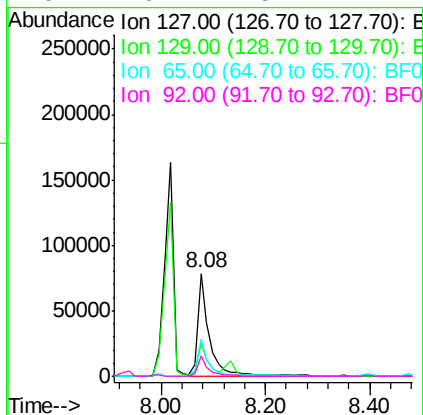
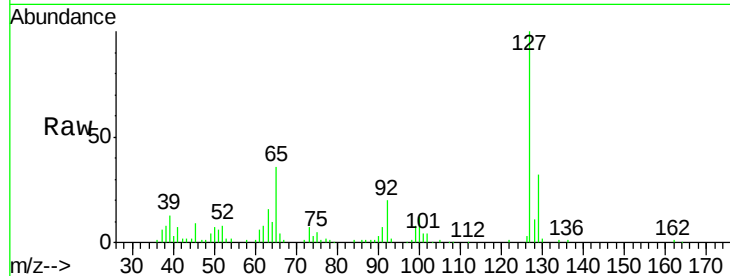
#33
4-Chloroaniline
Concen: 8.15 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Instrument :
BNA_F
ClientSampleId :
PB90223BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.2	26.2	39.4
65	35.6	23.0	34.4
92	20.4	15.1	22.7

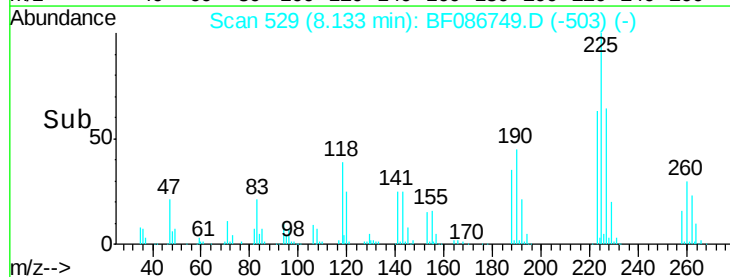
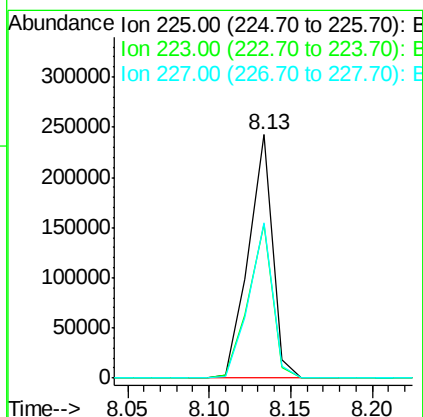
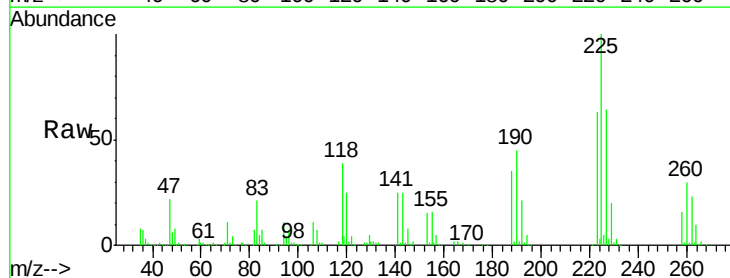
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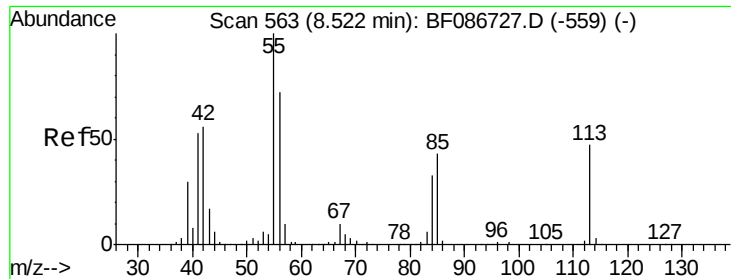
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#34
Hexachlorobutadiene
Concen: 38.99 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.2	51.5	77.3
227	63.7	52.2	78.2





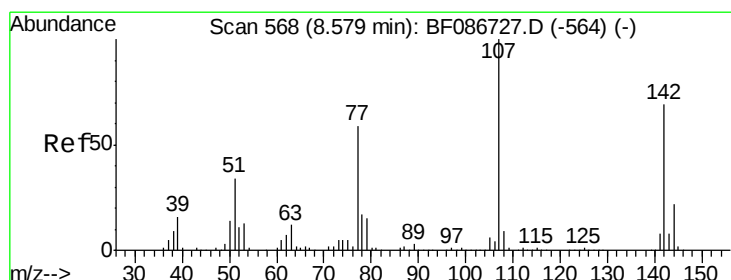
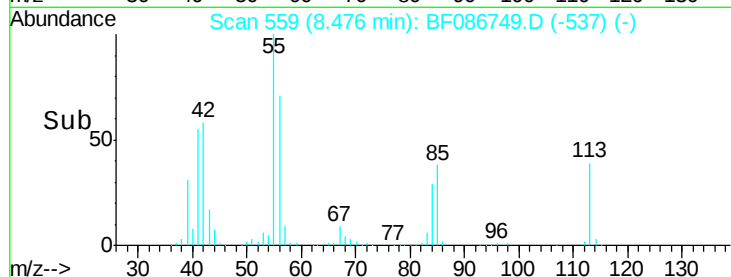
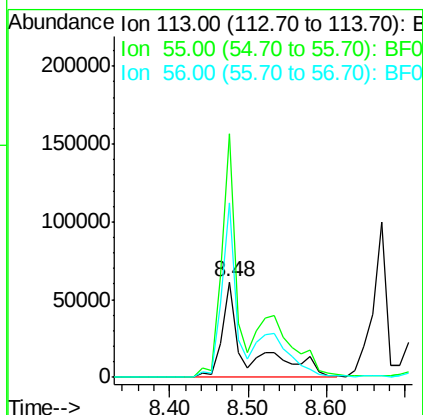
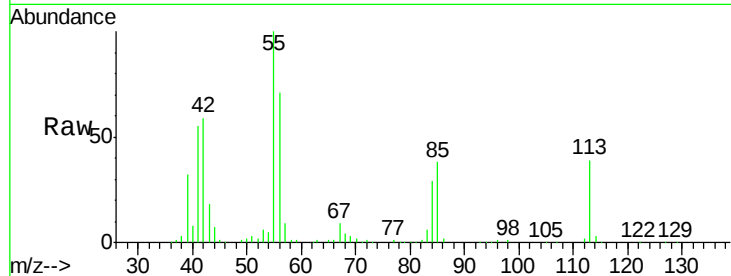
#35
Caprolactam
Concen: 43.76 ng m
RT: 8.48 min Scan# 559
Delta R.T. -0.05 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Instrument :
BNA_F
ClientSampleId :
PB90223BSD

Tgt Ion:113 Resp: 136833
Ion Ratio Lower Upper
113 100
55 254.4 162.0 202.0#
56 181.8 115.3 155.3#

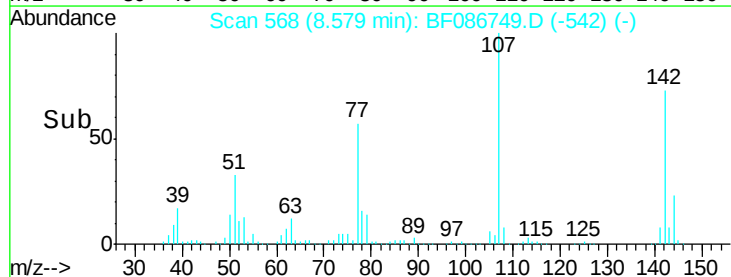
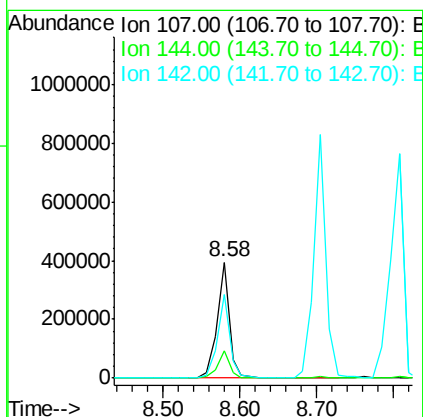
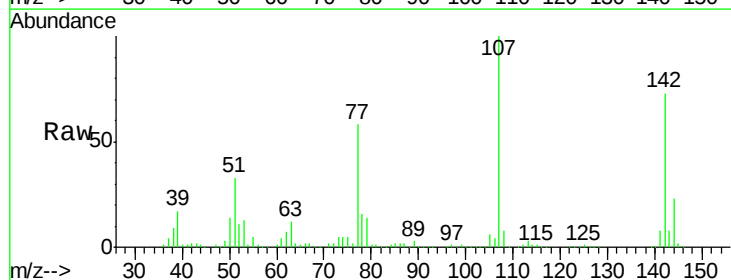
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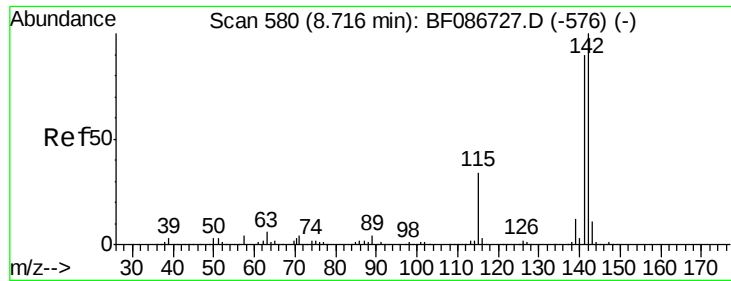
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#36
4-Chloro-3-methylphenol
Concen: 38.56 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Tgt Ion:107 Resp: 444430
Ion Ratio Lower Upper
107 100
144 23.1 20.7 31.1
142 72.6 63.2 94.8





#37

2-Methylnaphthalene

Concen: 39.36 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF086749.D

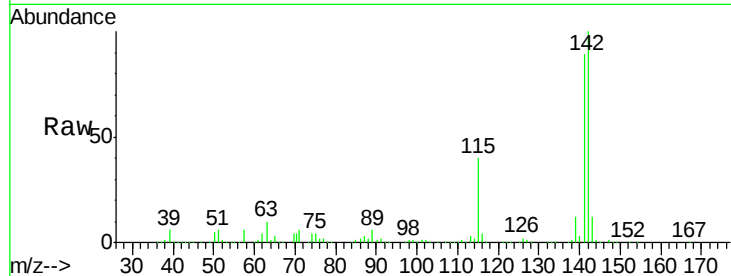
Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

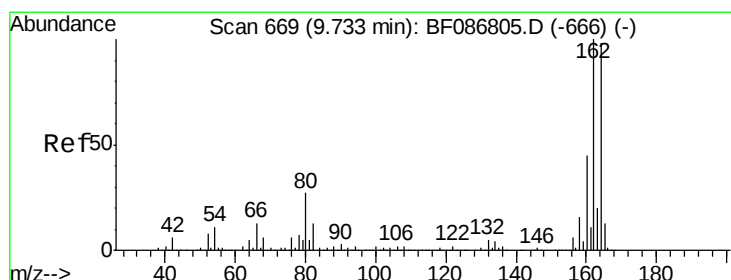
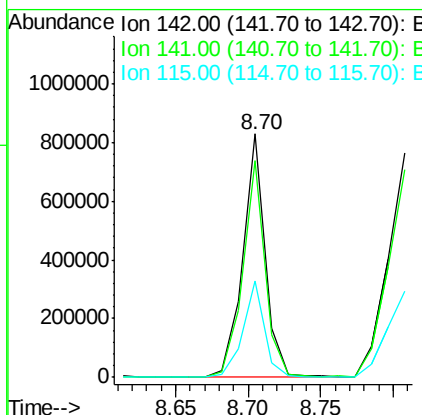
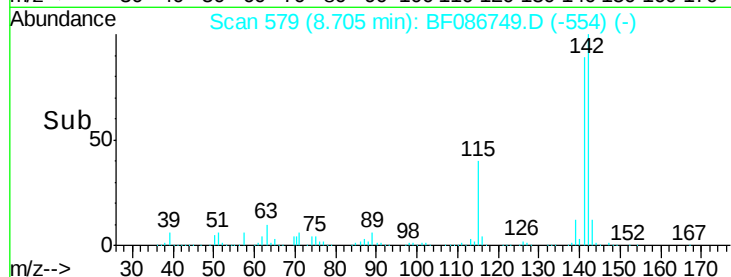
PB90223BSD



Tgt Ion:	142	Resp:	884192
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.0	106.6
115	39.7	26.6	39.8

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#38

Acenaphthene-d10

Concen: 40.00 ng

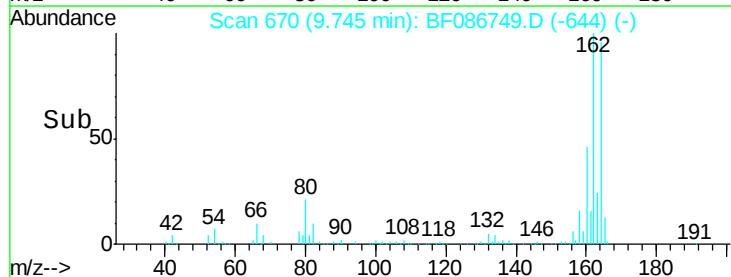
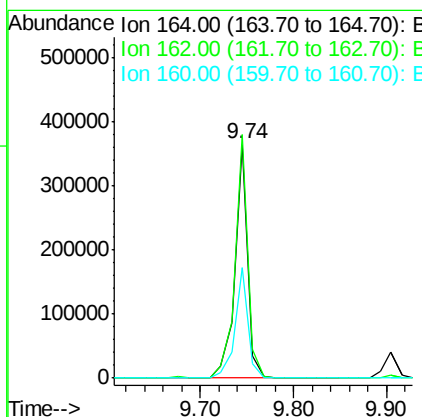
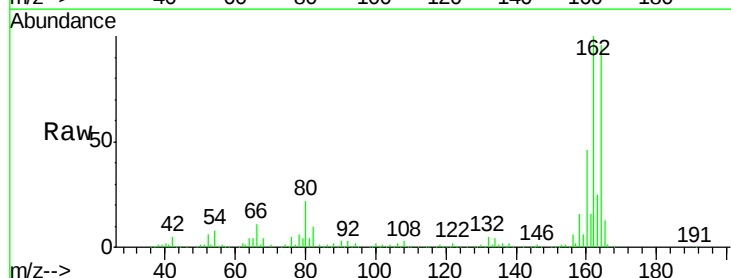
RT: 9.74 min Scan# 670

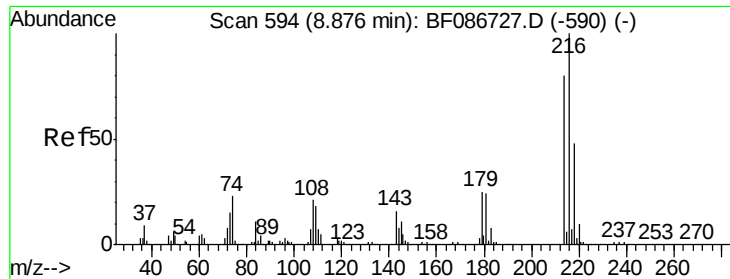
Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Tgt Ion:	164	Resp:	349376
Ion Ratio	Lower	Upper	
164	100		
162	104.1	82.8	124.2
160	47.5	36.9	55.3





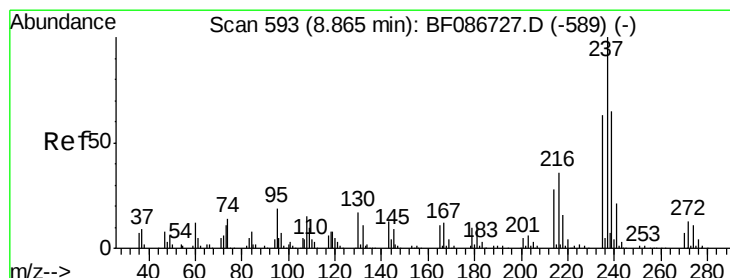
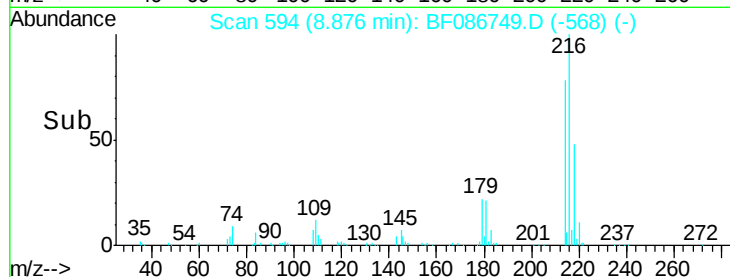
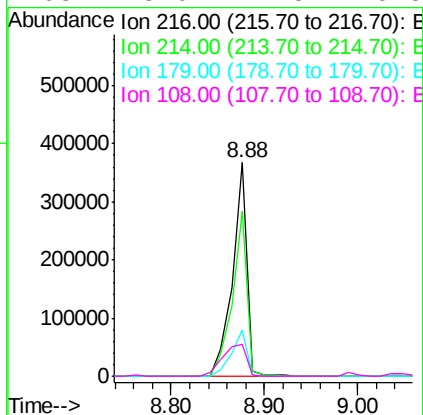
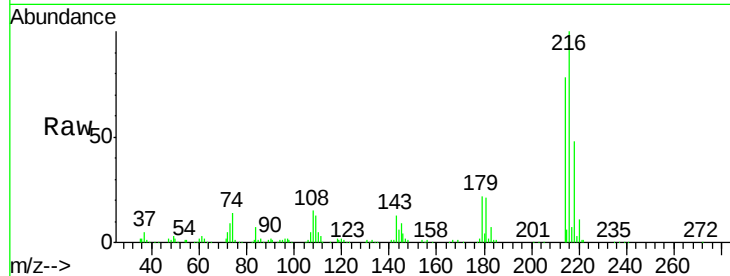
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.65 ng
 RT: 8.88 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90223BSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	400934		
214	78.4	62.6	93.8	
179	23.1	18.2	27.4	
108	25.0	17.5	26.3	

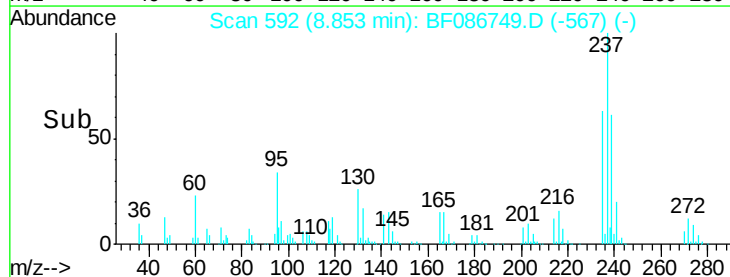
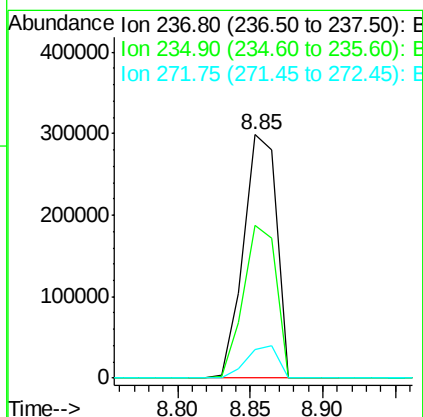
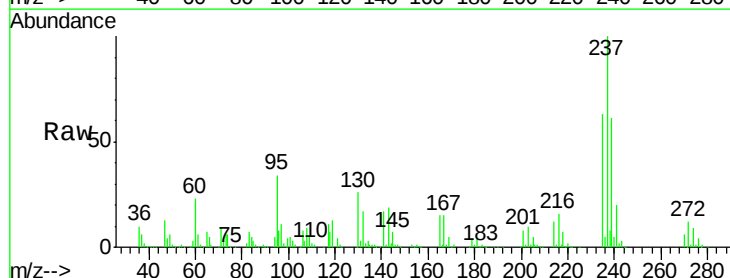
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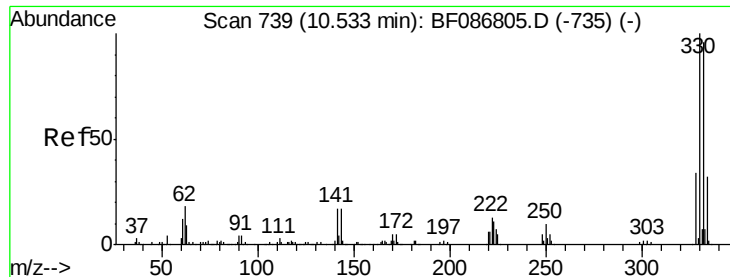
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#40
 Hexachlorocyclopentadiene
 Concen: 99.66 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	472151		
235	62.7	47.2	87.2	
272	11.8	0.0	31.1	





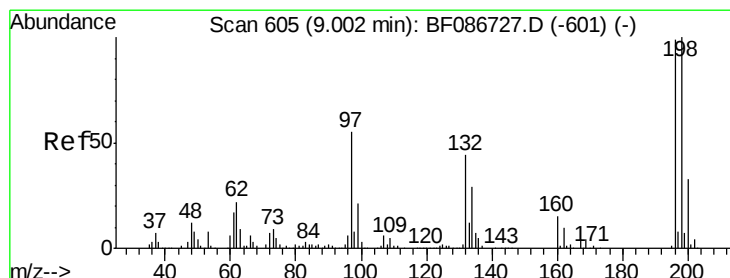
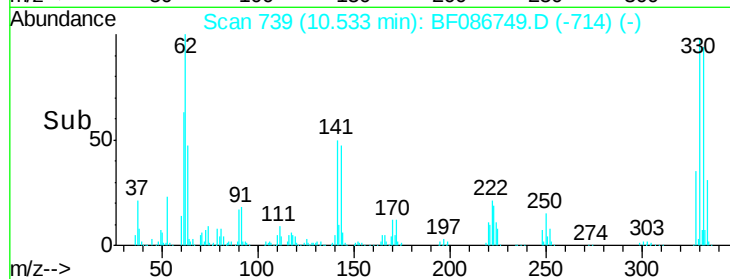
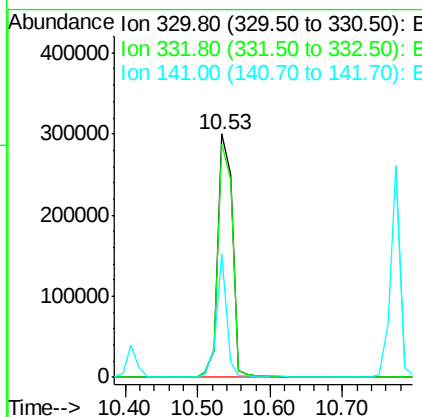
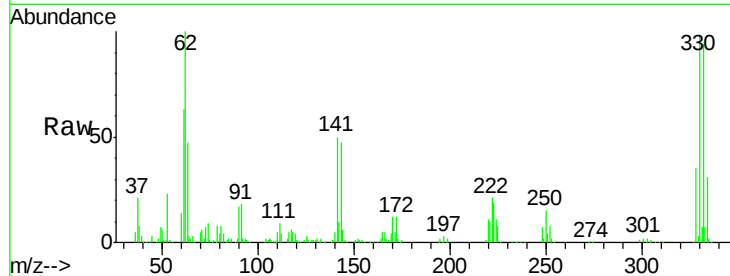
#41
 2,4,6-Tribromophenol
 Concen: 122.98 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90223BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	420307		
332	96.6	79.0	118.4	
141	35.8	31.2	46.8	

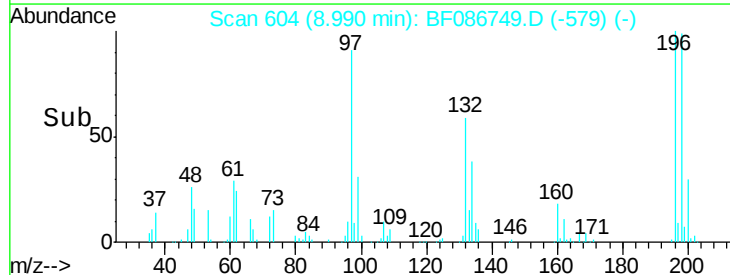
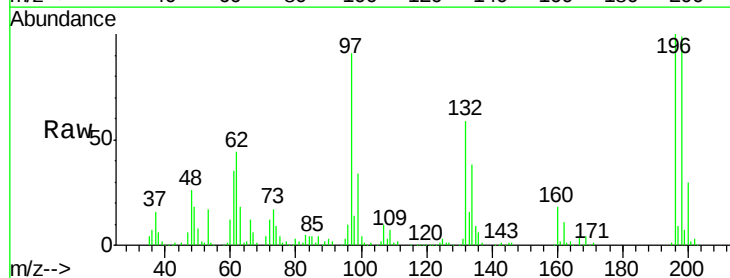
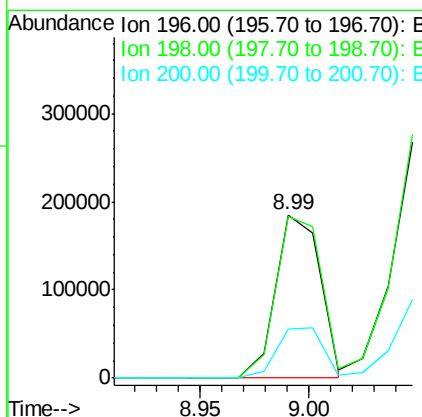
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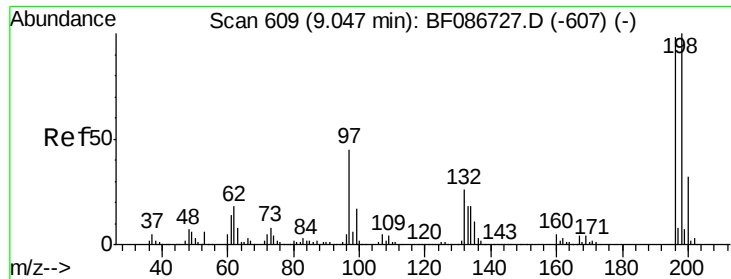
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#42
 2,4,6-Trichlorophenol
 Concen: 41.47 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	266685		
198	99.2	74.7	112.1	
200	30.4	23.8	35.6	





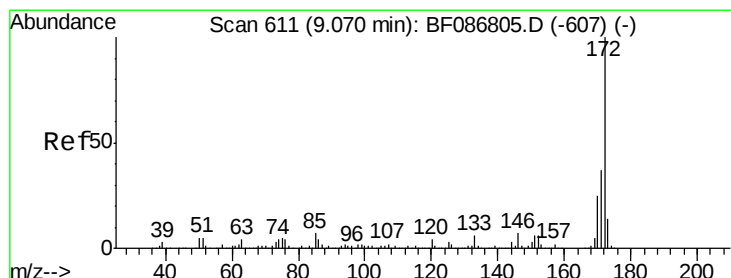
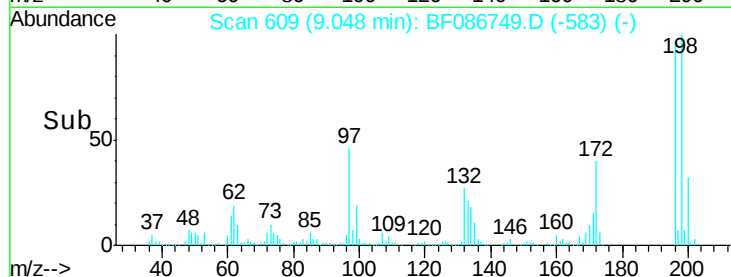
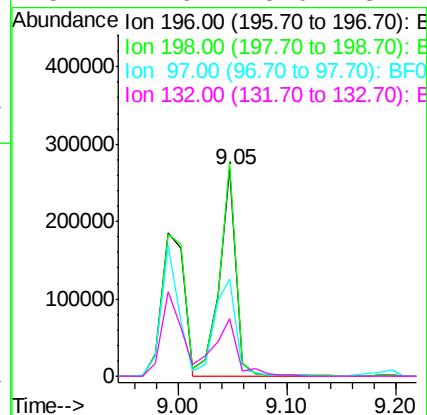
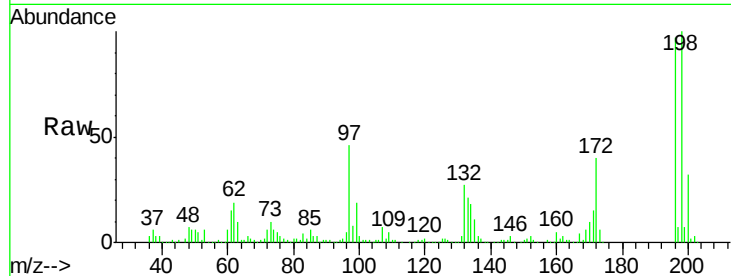
#43
 2,4,5-Trichlorophenol
 Concen: 42.73 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90223BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	287061		
198	103.0	77.5	116.3	
97	47.0	34.8	52.2	
132	27.6	23.0	34.4	

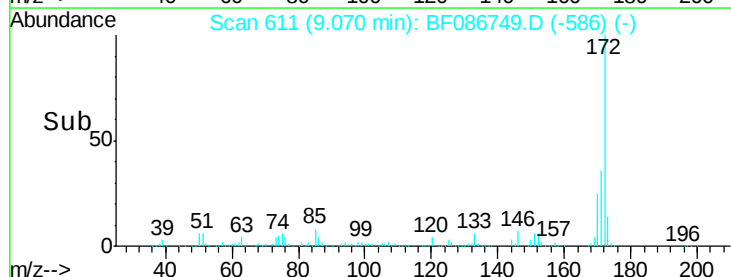
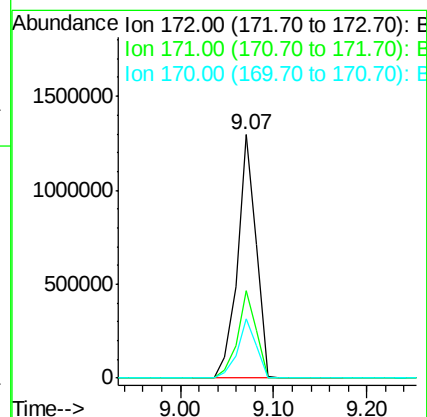
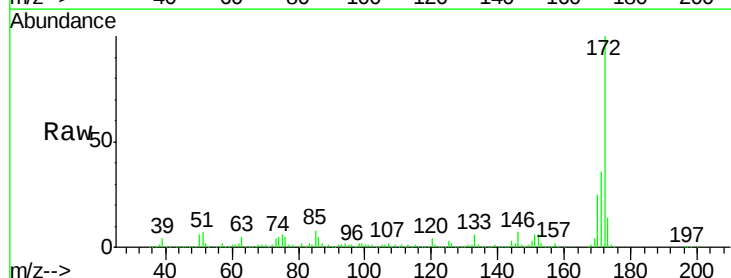
Manual Integrations
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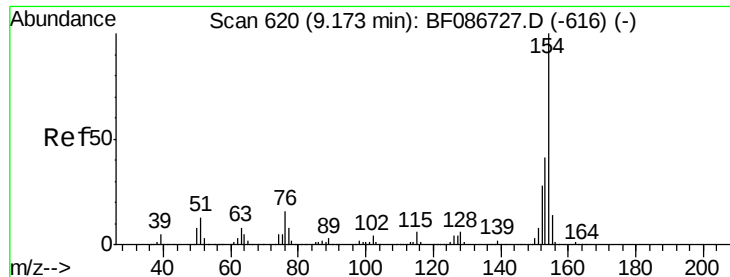
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 84.47 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1800437		
171	36.2	29.0	43.6	
170	24.5	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 40.41 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

PB90223BSD

Tgt Ion:154 Resp: 1154206

Ion Ratio Lower Upper

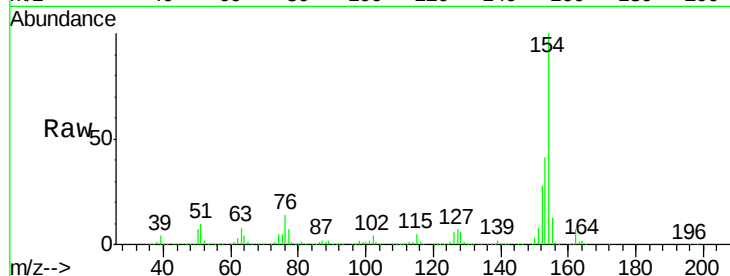
154 100

153 41.2 20.3 60.3

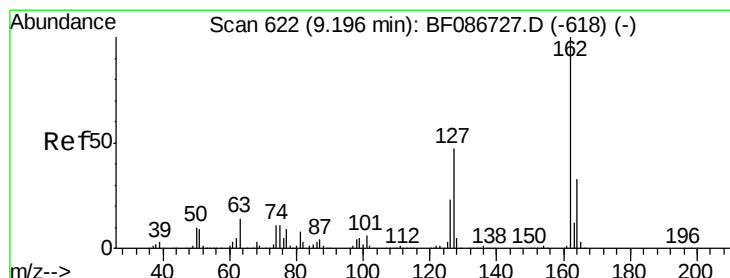
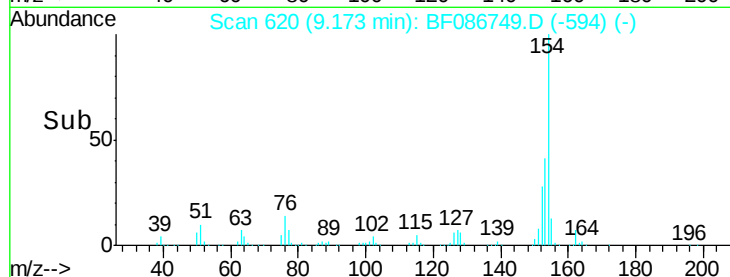
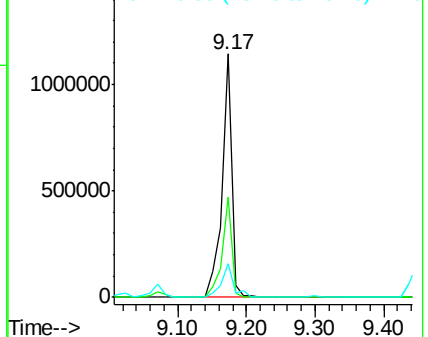
76 13.7 0.0 30.2

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



#46

2-Chloronaphthalene

Concen: 39.19 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

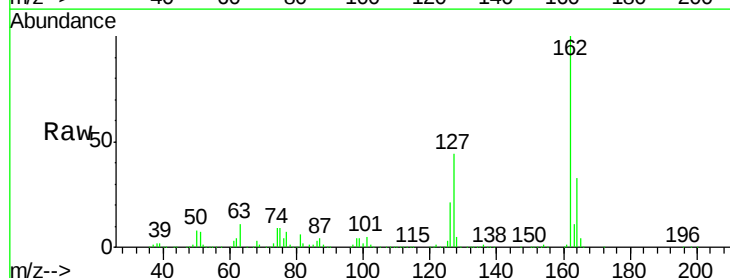
Tgt Ion:162 Resp: 863855

Ion Ratio Lower Upper

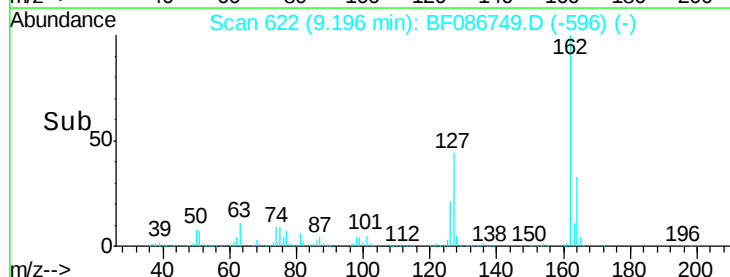
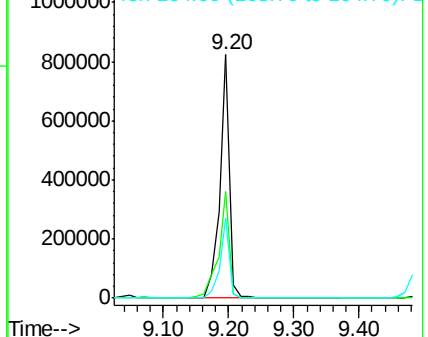
162 100

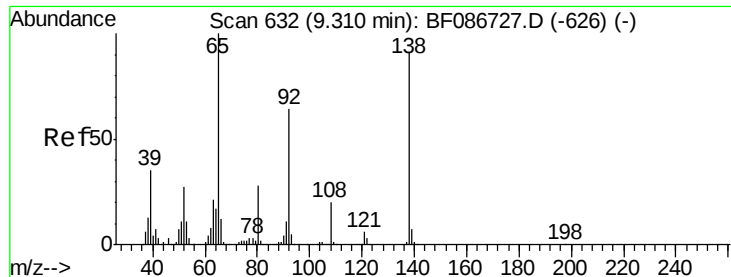
127 43.7 31.8 47.6

164 33.0 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





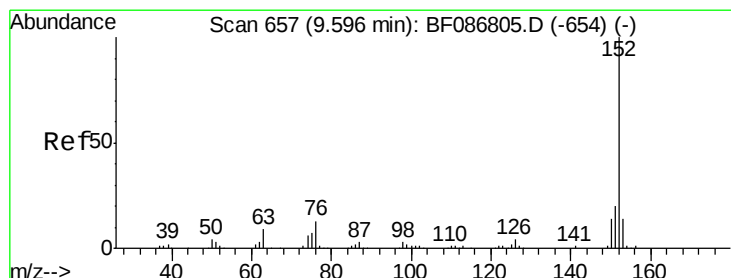
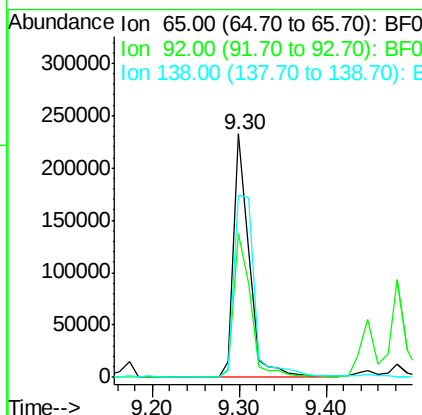
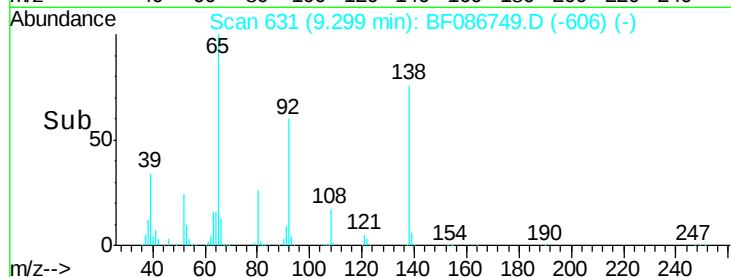
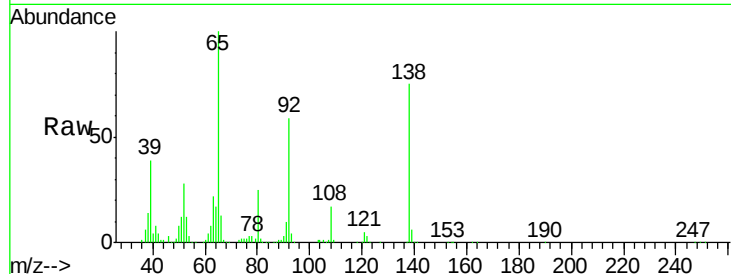
#47
2-Nitroaniline
Concen: 36.75 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Instrument :
BNA_F
ClientSampleId :
PB90223BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.8	57.4	86.2
138	75.0	90.1	135.1#

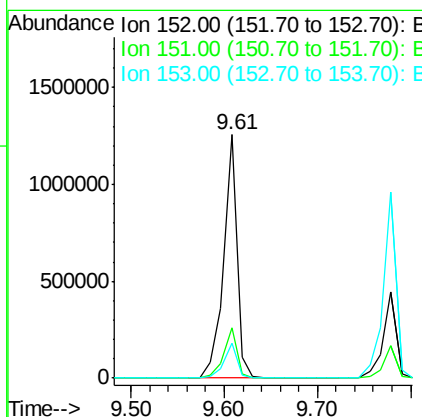
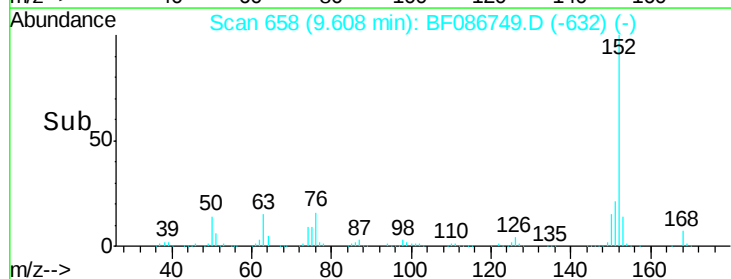
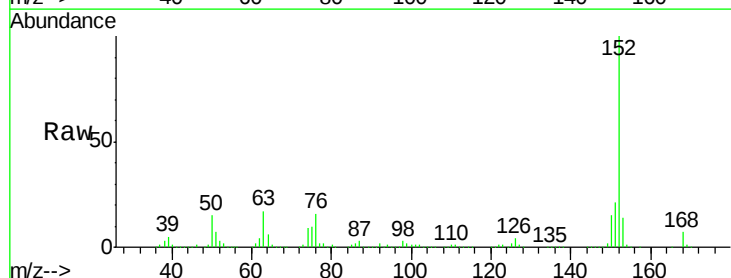
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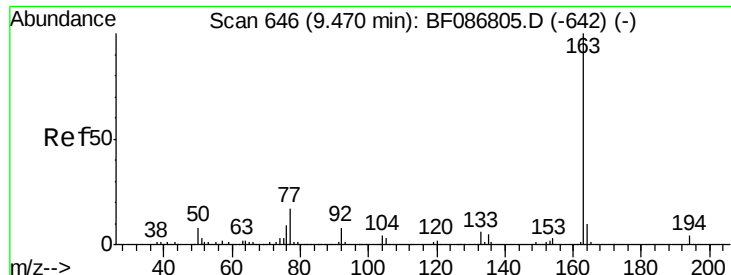
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#48
Acenaphthylene
Concen: 38.18 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.2	10.9	16.3





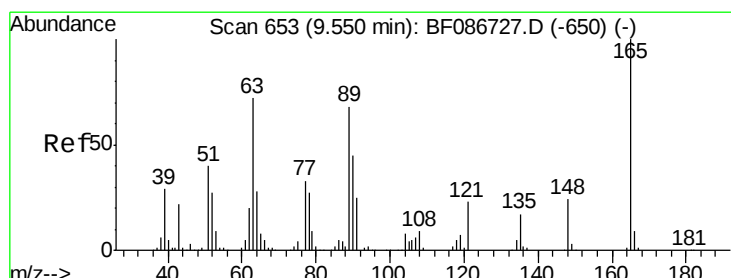
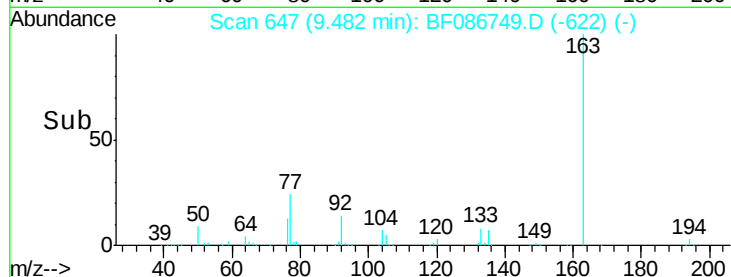
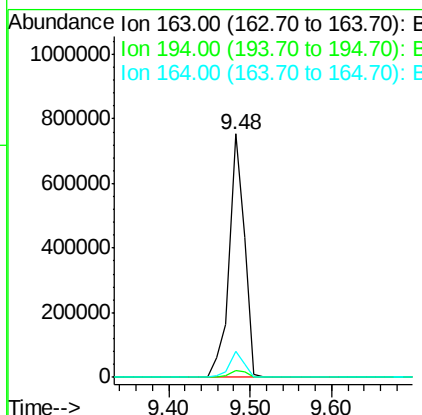
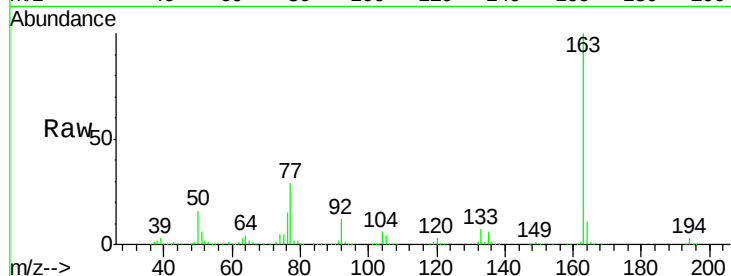
#49
Dimethylphthalate
Concen: 37.75 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Instrument :
BNA_F
ClientSampleId :
PB90223BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.6	4.0
164	10.7	8.2	12.4

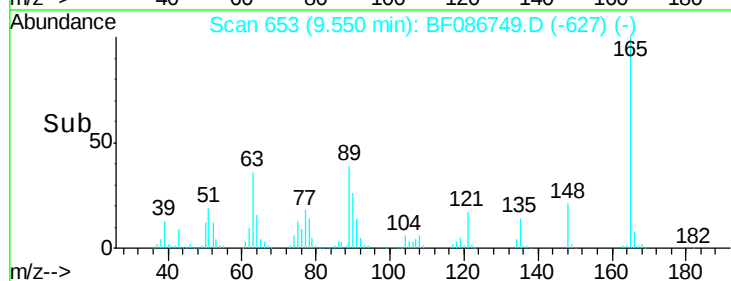
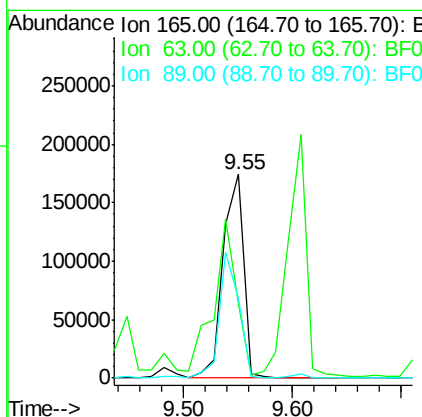
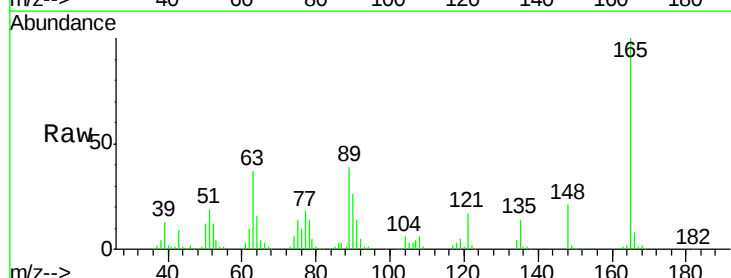
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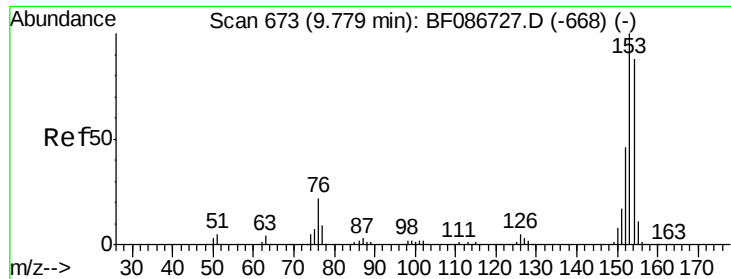
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#50
2,6-Dinitrotoluene
Concen: 40.88 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	36.8	51.8	77.8#
89	39.2	50.7	76.1#





#51

Acenaphthene

Concen: 37.56 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086749.D

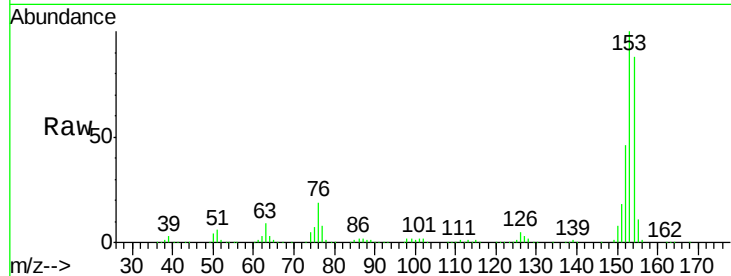
Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

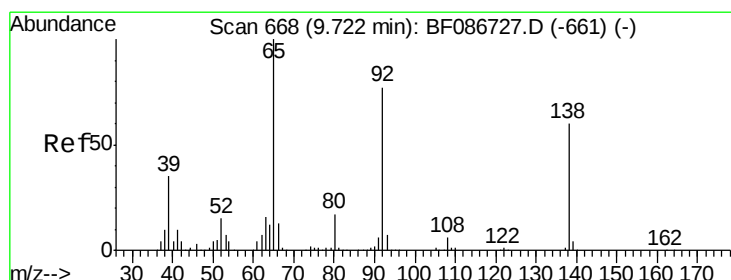
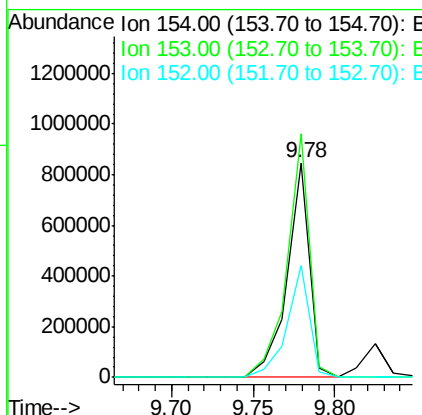
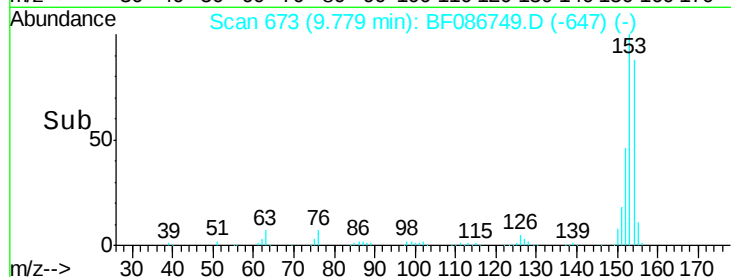
PB90223BSD



Tgt Ion:	154	Resp:	810786
Ion Ratio	Lower	Upper	
154	100		
153	113.4	89.8	134.6
152	52.3	43.4	65.0

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#52

3-Nitroaniline

Concen: 13.92 ng

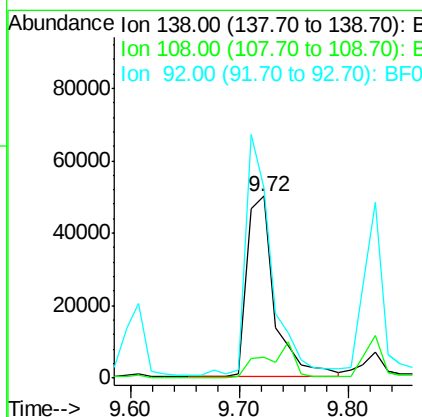
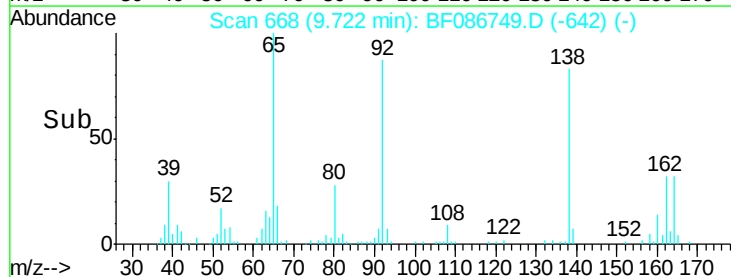
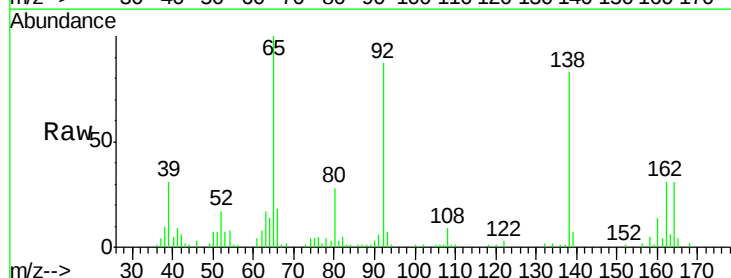
RT: 9.72 min Scan# 668

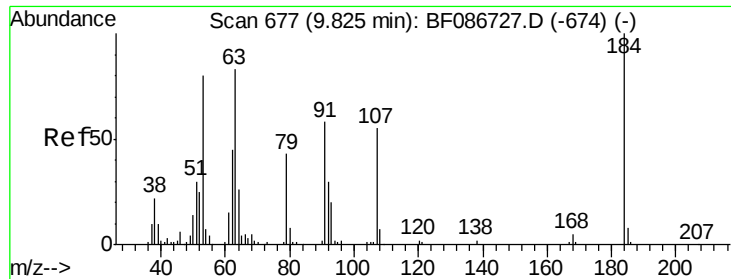
Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

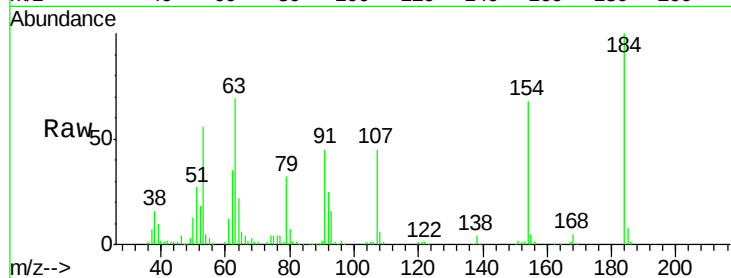
Tgt Ion:	138	Resp:	88478
Ion Ratio	Lower	Upper	
138	100		
108	11.2	7.8	11.6
92	104.6	87.8	131.8





#53
2,4-Dinitrophenol
Concen: 85.27 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

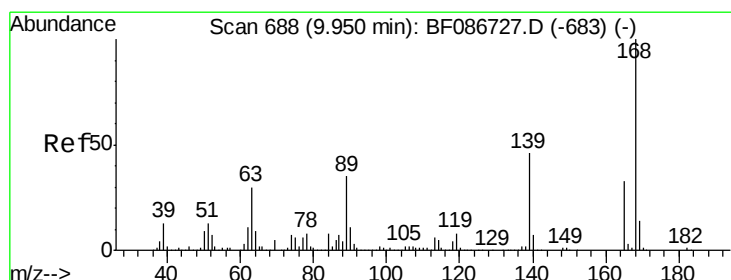
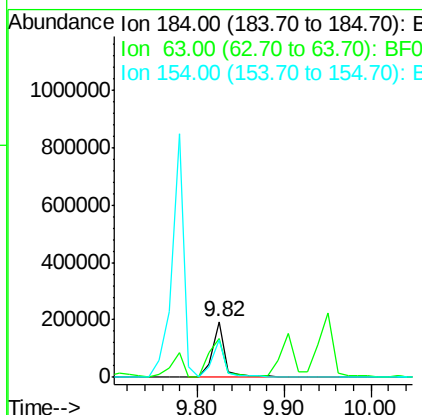
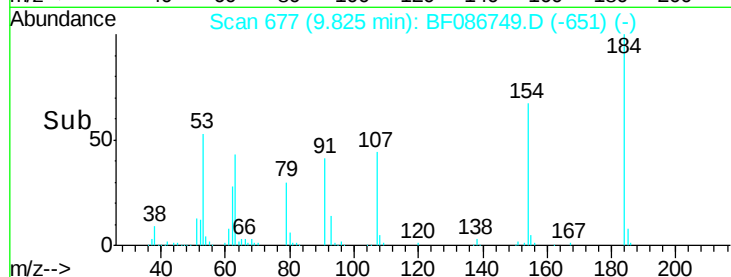
Instrument :
BNA_F
ClientSampleId :
PB90223BSD



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	204188		
63	68.7	55.8	83.8	
154	67.6	62.4	93.6	

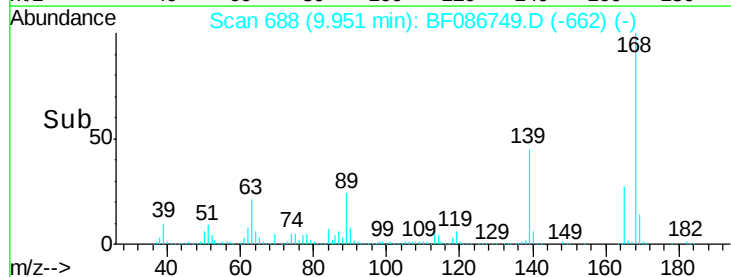
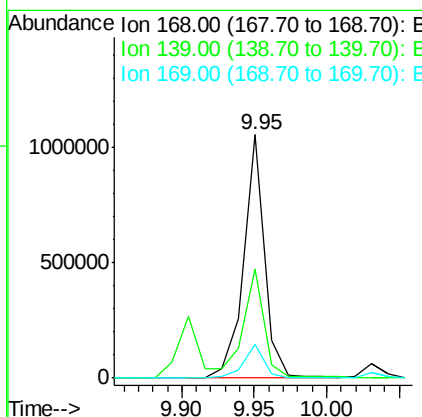
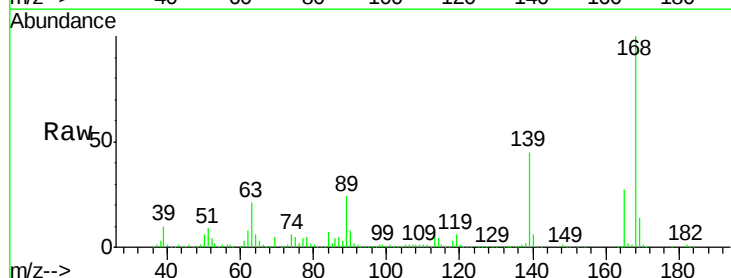
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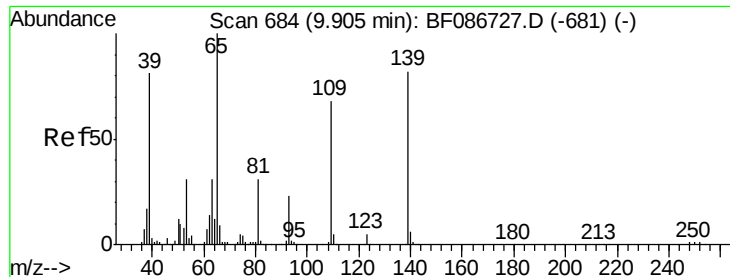
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#54
Dibenzofuran
Concen: 39.56 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1058468		
139	44.7	31.4	47.0	
169	13.6	10.7	16.1	





#55

4-Nitrophenol

Concen: 76.86 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

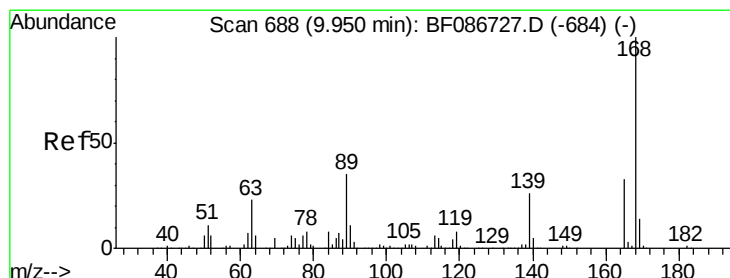
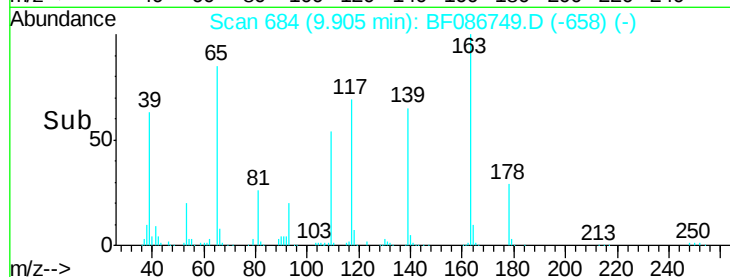
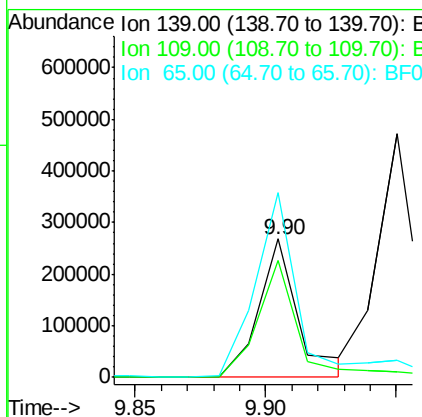
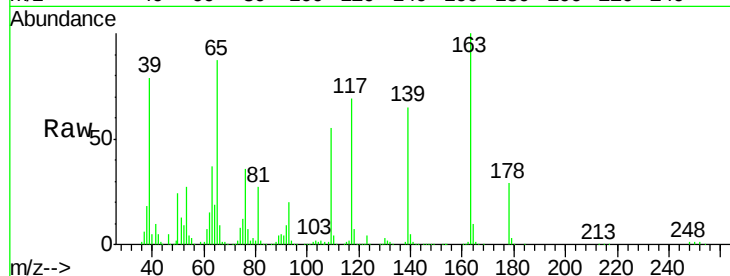
ClientSampleId :

PB90223BSD

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	284744		
109	84.2	36.9	76.9#	
65	133.3	64.0	104.0#	



#56

2,4-Dinitrotoluene

Concen: 40.78 ng

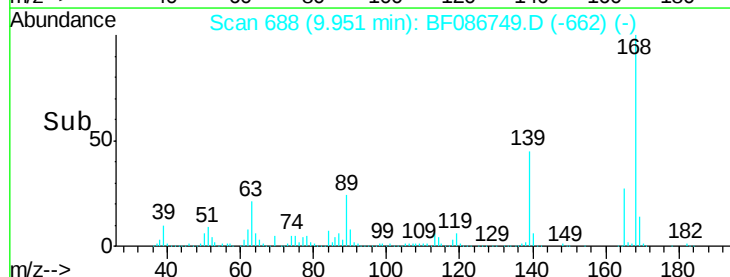
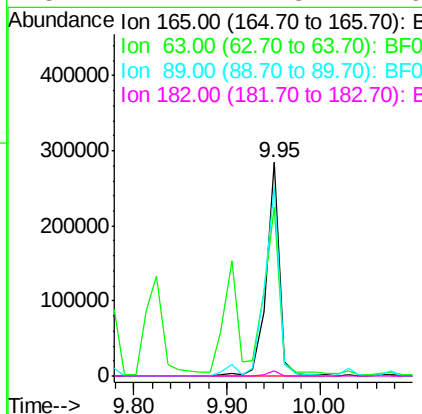
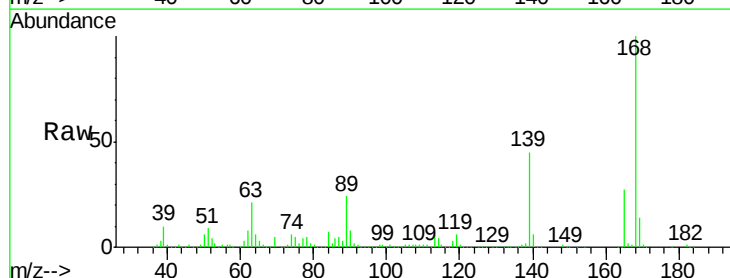
RT: 9.95 min Scan# 688

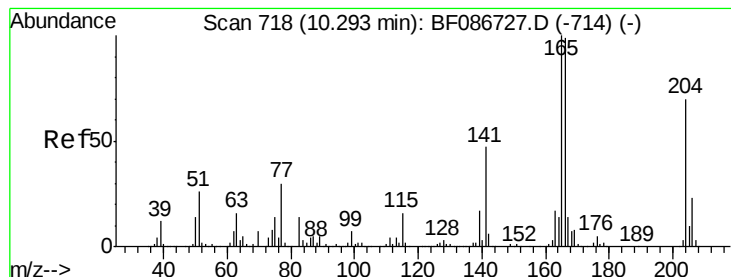
Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	282472		
63	79.2	44.3	66.5#	
89	88.6	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 41.70 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

PB90223BSD

Tgt Ion:166 Resp: 904117
Ion Ratio Lower Upper

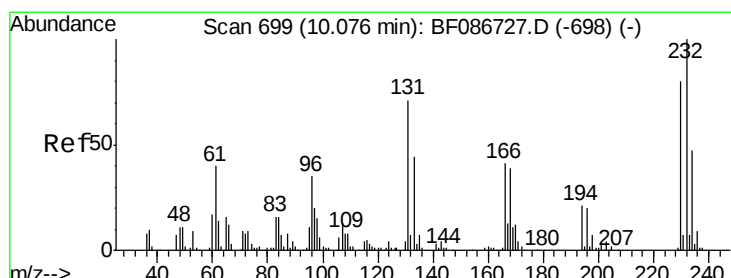
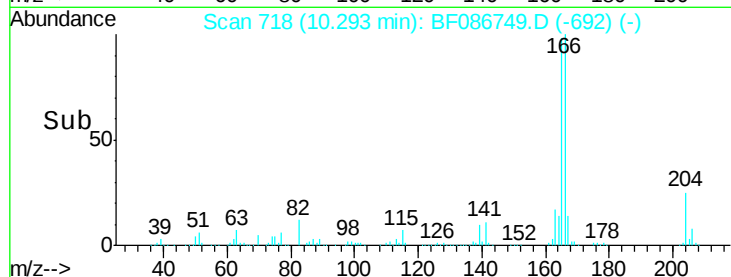
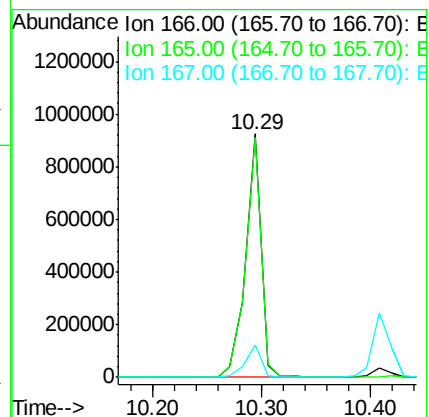
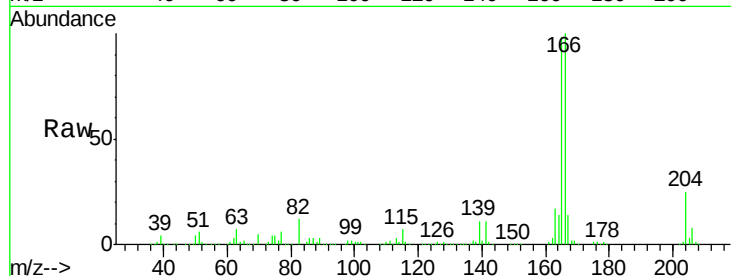
166 100

165 98.4 79.0 118.6

167 13.5 10.6 15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.41 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

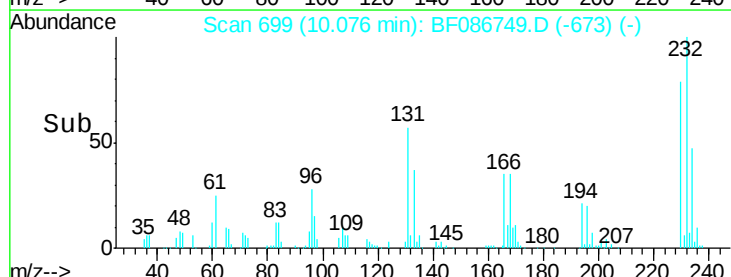
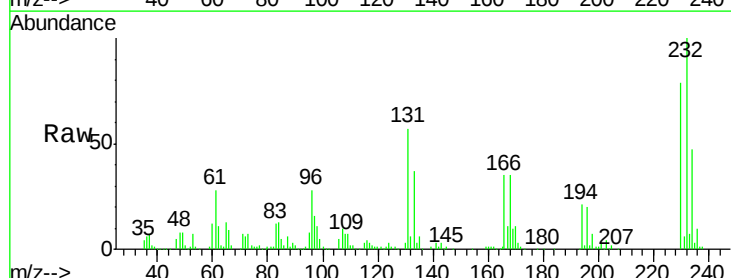
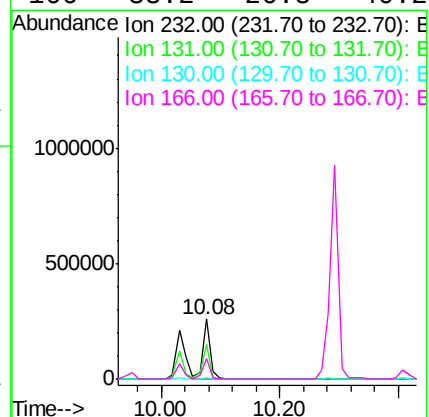
Tgt Ion:232 Resp: 233939
Ion Ratio Lower Upper

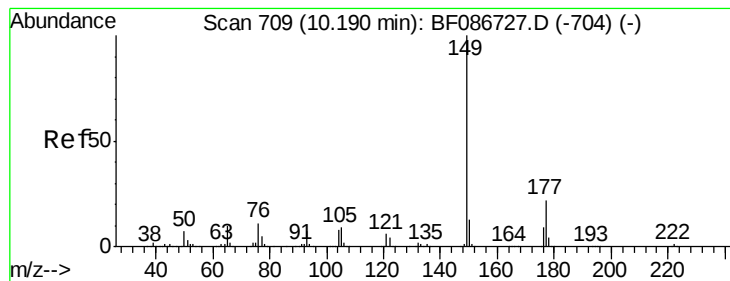
232 100

131 56.2 41.9 62.9

130 2.9 2.2 3.4

166 33.2 26.8 40.2





#59

Diethylphthalate

Concen: 36.47 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF086749.D

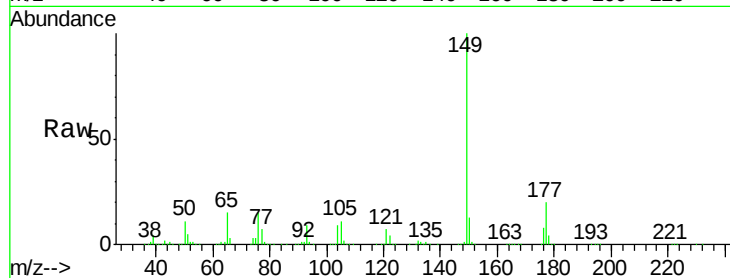
Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

PB90223BSD



Tgt Ion:149 Resp: 899028

Ion Ratio Lower Upper

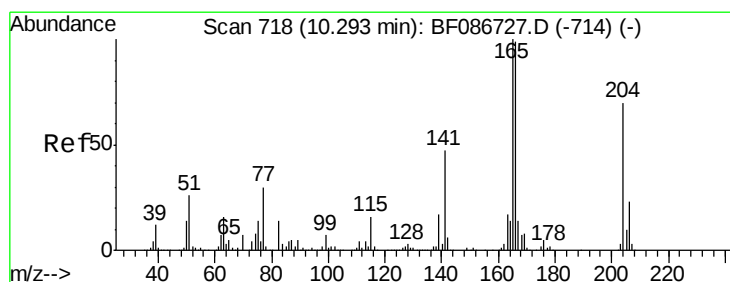
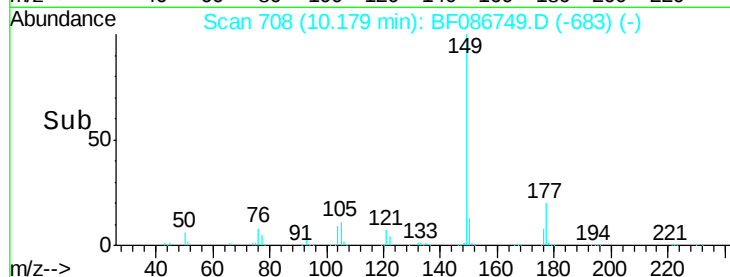
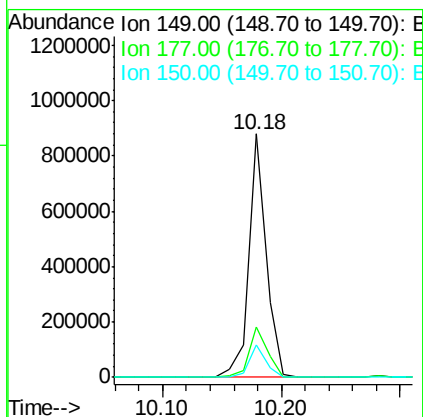
149 100

177 20.4 16.6 24.8

150 13.1 10.0 15.0

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#60

4-Chlorophenyl-phenylether

Concen: 38.30 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

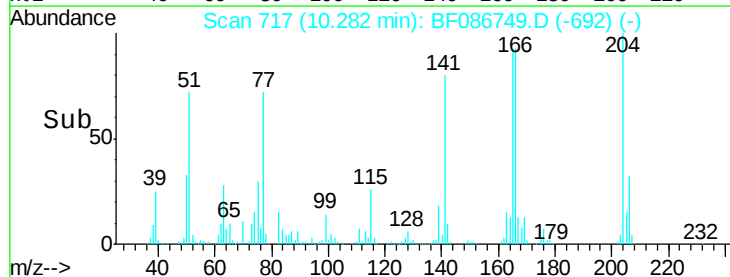
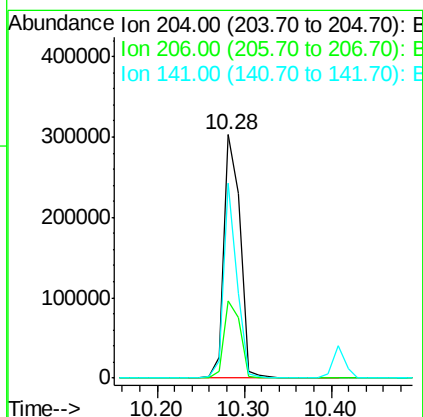
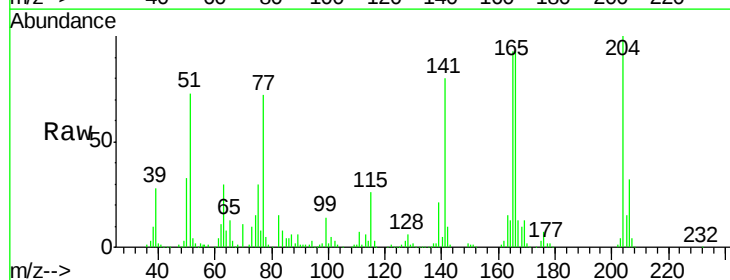
Tgt Ion:204 Resp: 394816

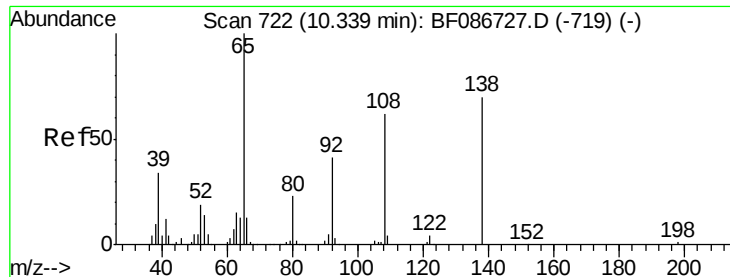
Ion Ratio Lower Upper

204 100

206 31.9 25.4 38.0

141 80.2 61.6 92.4





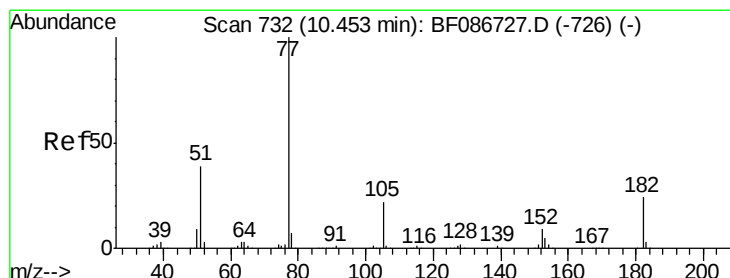
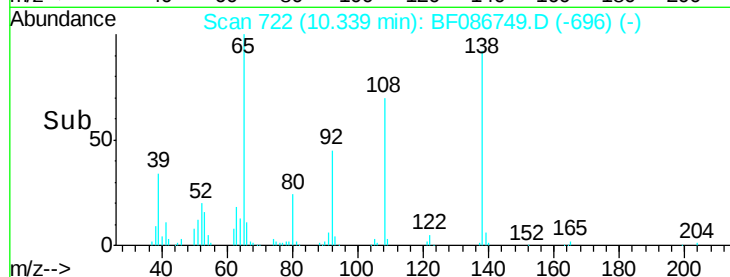
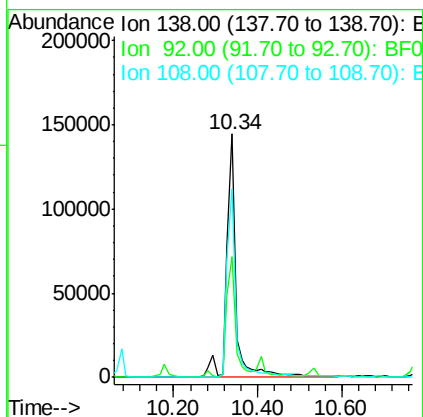
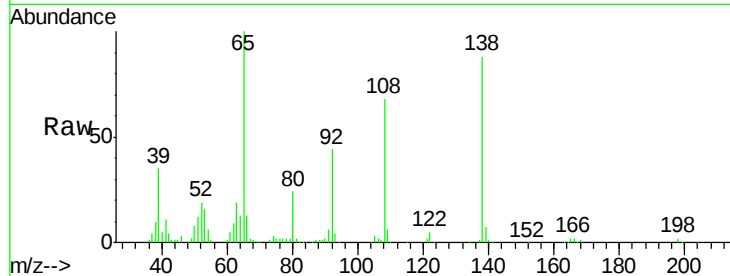
#61
4-Nitroaniline
Concen: 36.49 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Instrument :
BNA_F
ClientSampleId :
PB90223BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	222805		
92	49.6	24.7	64.7	
108	77.2	37.4	77.4	

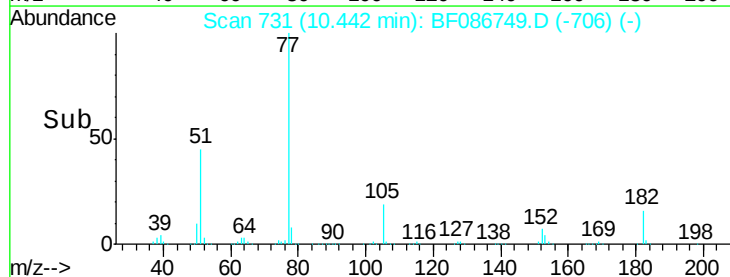
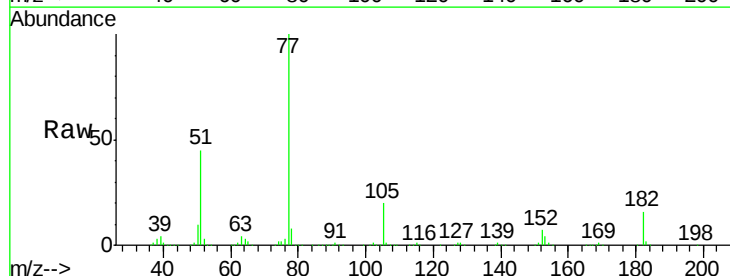
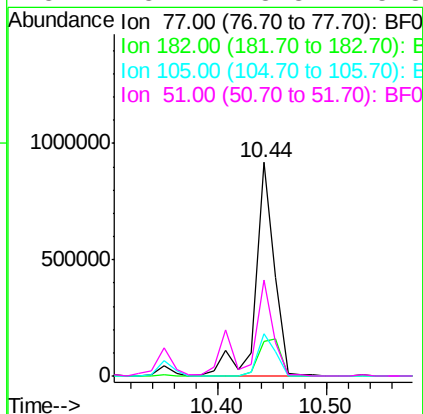
Manual Integrations
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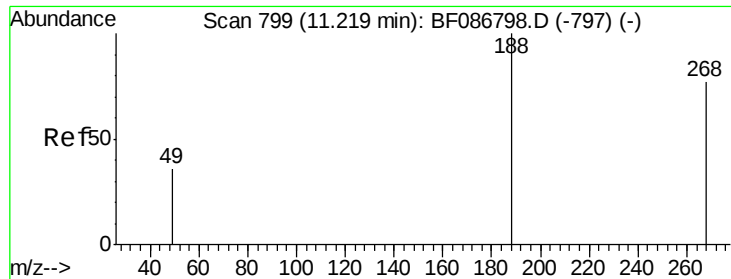
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#62
Azobenzene
Concen: 40.42 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1104153		
182	16.0	0.0	38.8	
105	19.6	3.2	43.2	
51	45.2	8.8	48.8	





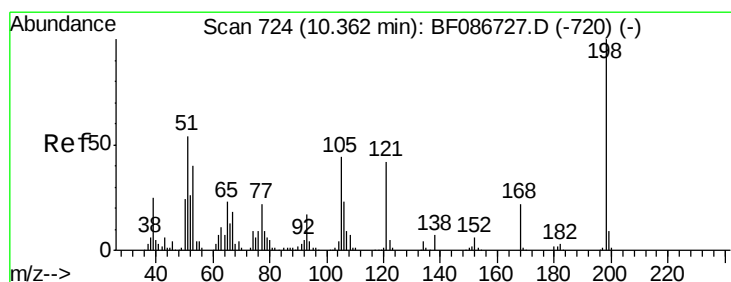
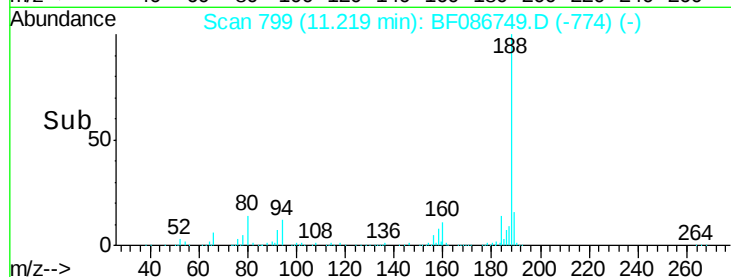
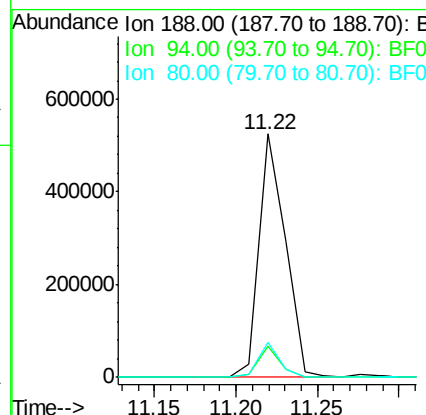
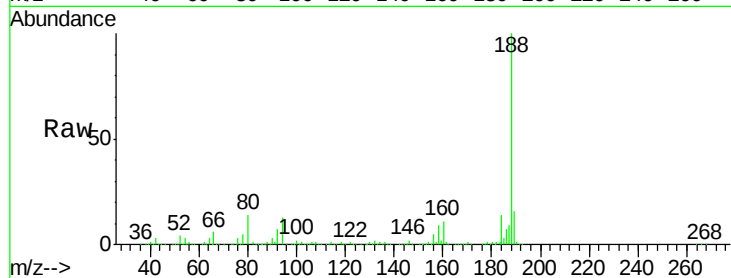
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90223BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.8	6.8	10.2#
80	14.3	7.1	10.7#

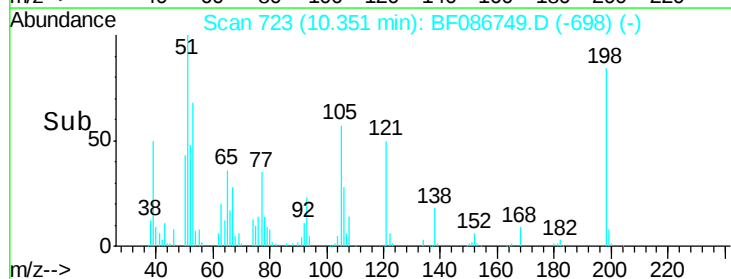
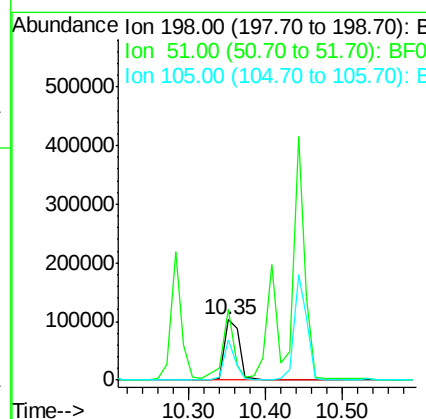
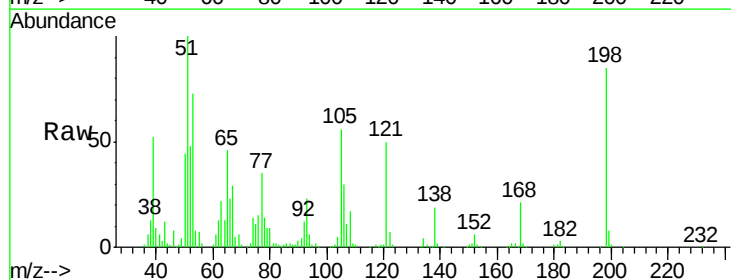
Manual Integrations
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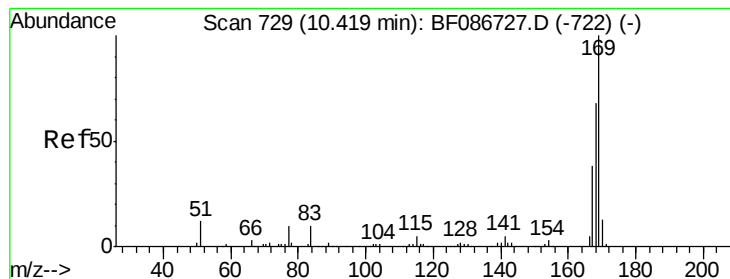
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.32 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	118.3	20.5	60.5#
105	66.7	24.5	64.5#





#65

n-Nitrosodiphenylamine

Concen: 38.90 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

PB90223BSD

Tgt Ion:169 Resp: 733871
Ion Ratio Lower Upper

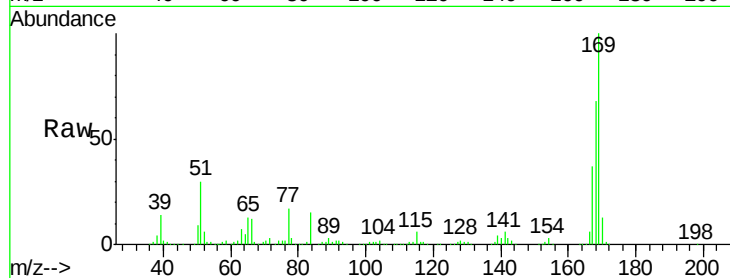
169 100

168 67.6 53.8 80.6

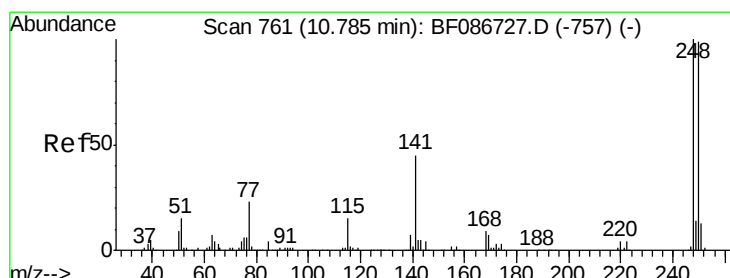
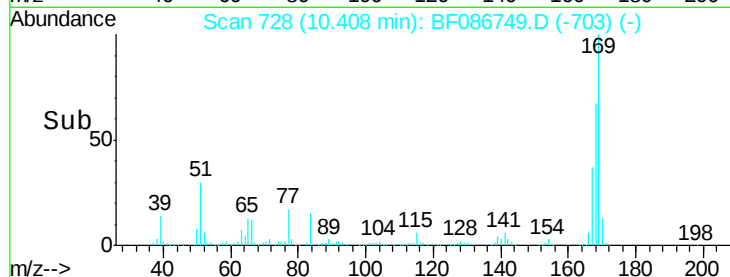
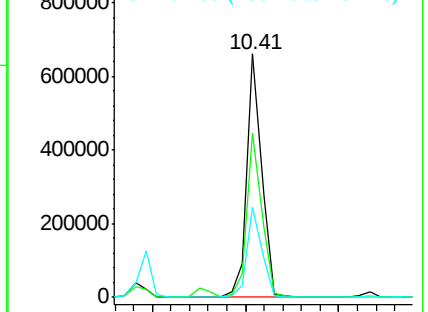
167 37.1 29.5 44.3

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



#66

4-Bromophenyl-phenylether

Concen: 41.68 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF086749.D

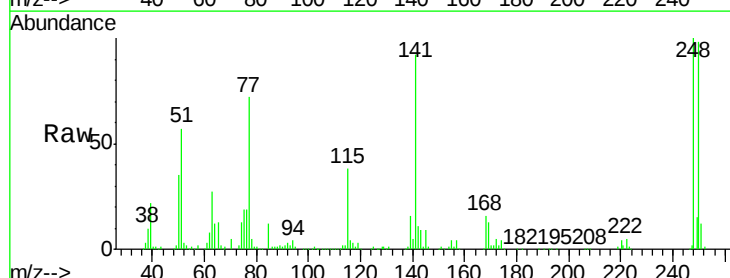
Acq: 7 May 2016 3:16

Tgt Ion:248 Resp: 246084
Ion Ratio Lower Upper

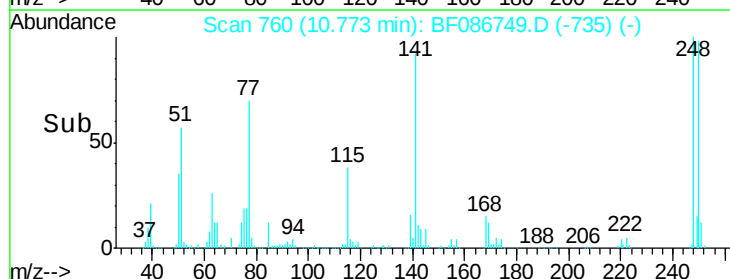
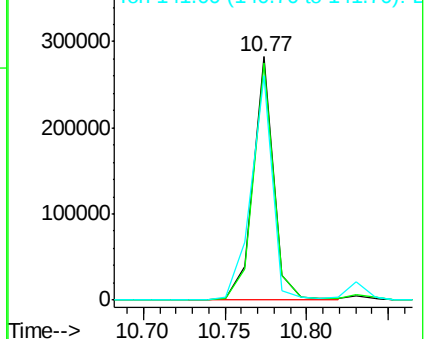
248 100

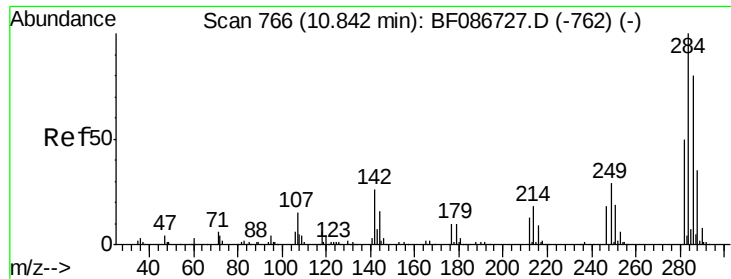
250 97.6 78.6 117.8

141 92.1 76.0 114.0



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





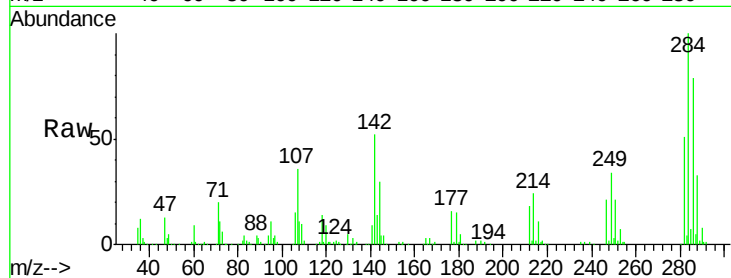
#67
Hexachlorobenzene
Concen: 38.67 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Instrument :
BNA_F
ClientSampleId :
PB90223BSD

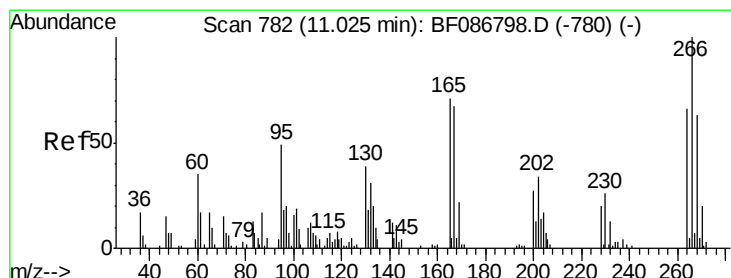
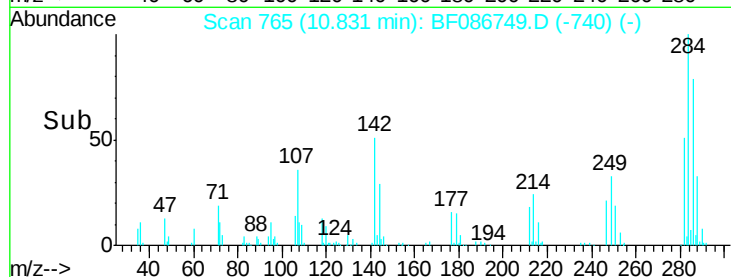
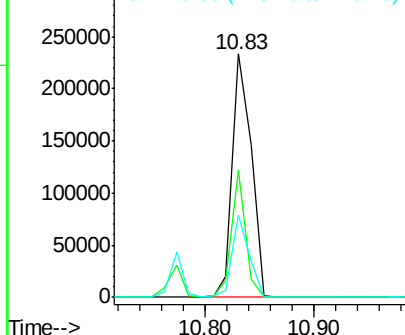
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	278420		
142	52.4	16.7	25.1#	
249	33.8	21.3	31.9#	

Manual Integrations
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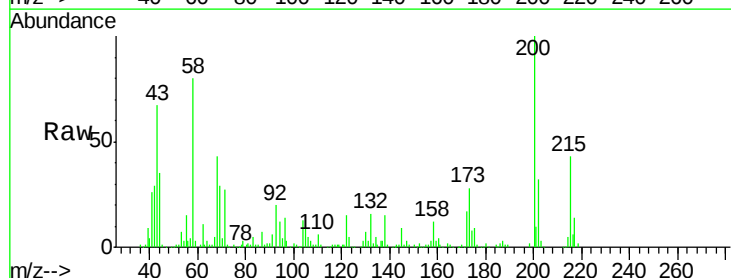


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

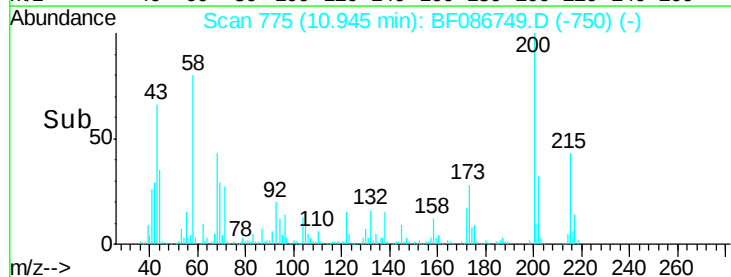
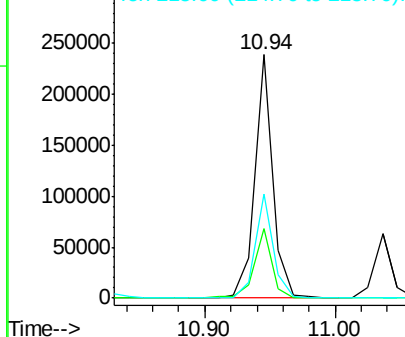


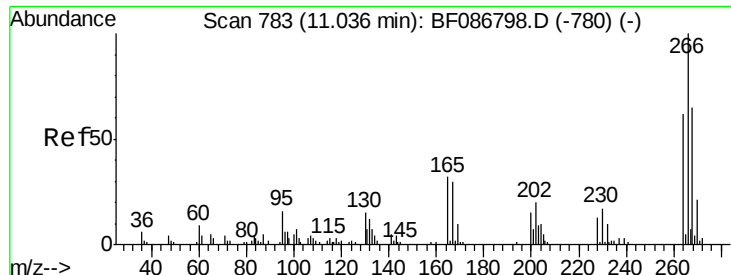
#68
Atrazine
Concen: 39.53 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	228501		
173	28.4	8.5	48.5	
215	42.7	27.2	67.2	



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





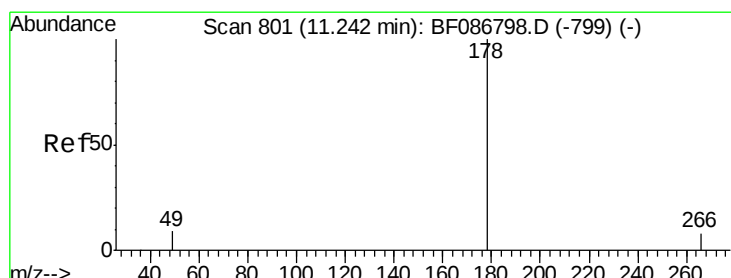
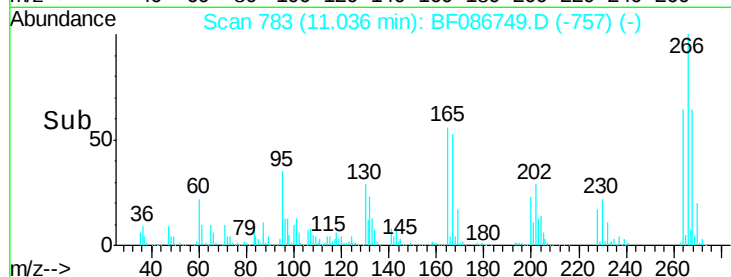
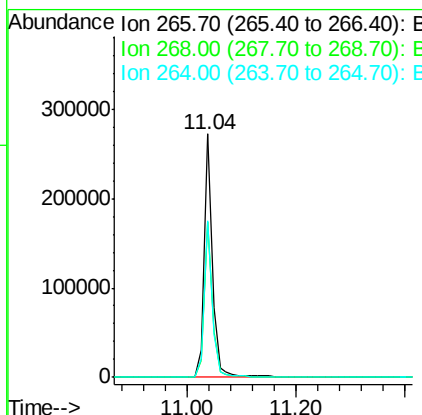
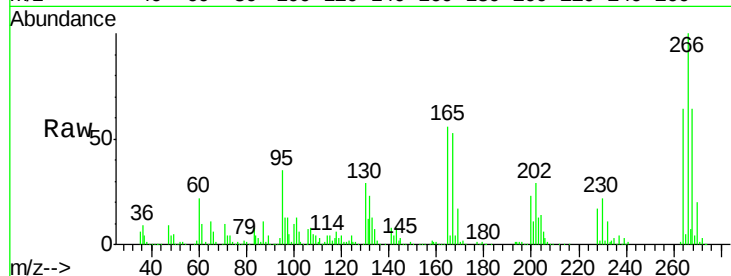
#69
 Pentachlorophenol
 Concen: 81.81 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90223BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	286330		
268	64.0	51.5	77.3	
264	64.4	52.9	79.3	

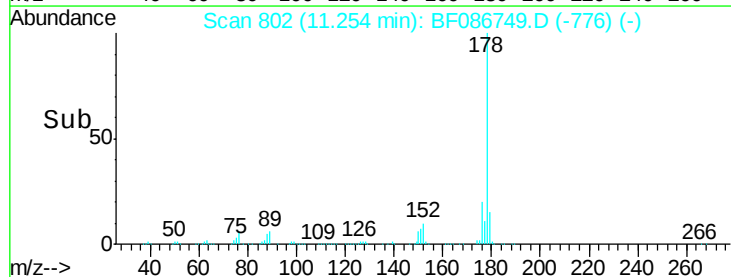
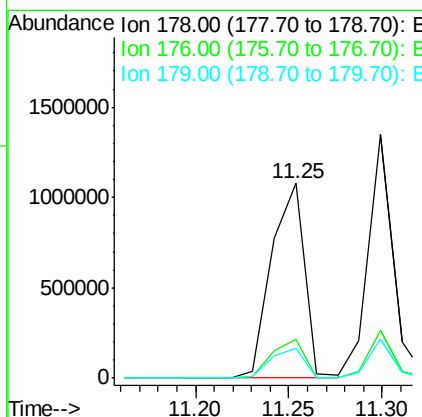
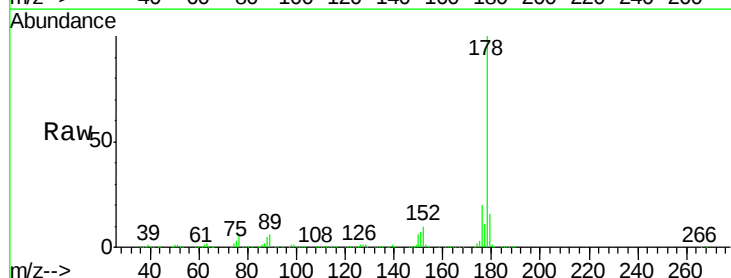
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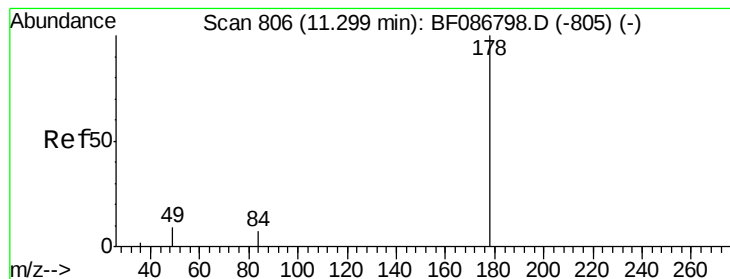
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#70
 Phenanthrene
 Concen: 41.53 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1325167		
176	20.0	16.0	24.0	
179	15.6	12.6	18.8	





#71

Anthracene

Concen: 37.61 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

PB90223BSD

Tgt Ion:178 Resp: 1256801

Ion Ratio Lower Upper

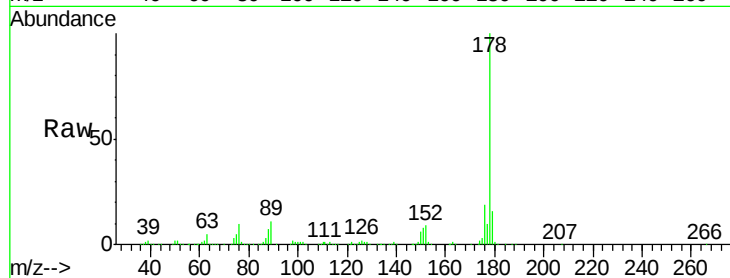
178 100

176 19.5 15.6 23.4

179 16.0 12.7 19.1

Manual Integrations
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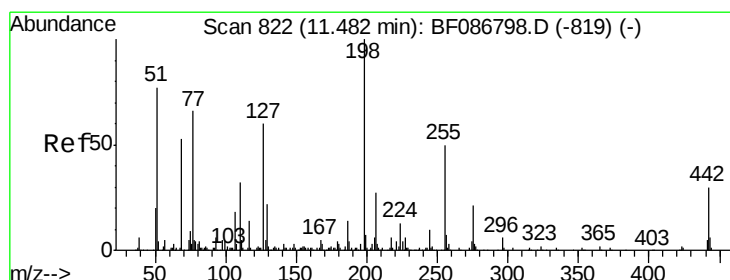
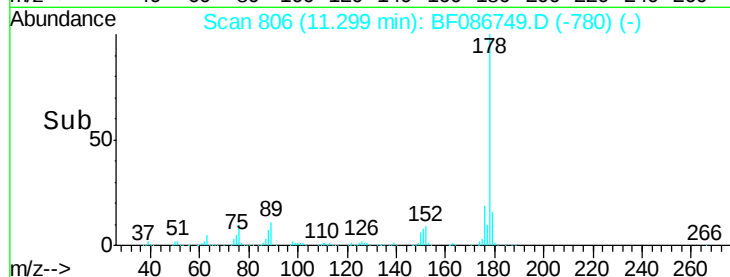
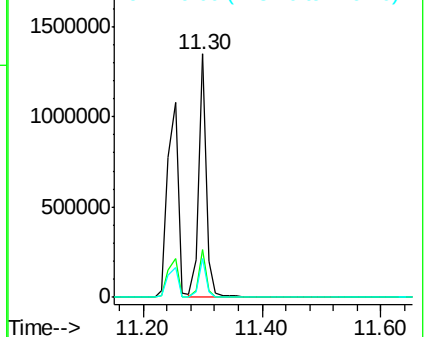
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.83 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

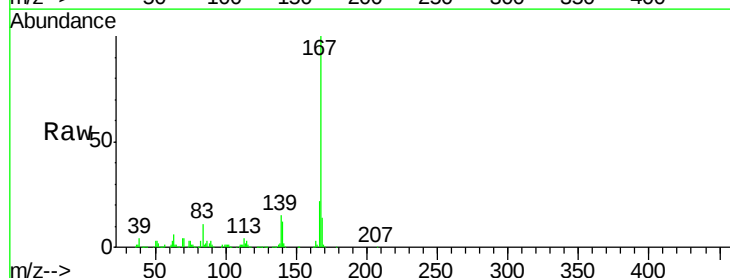
Tgt Ion:167 Resp: 1068823

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

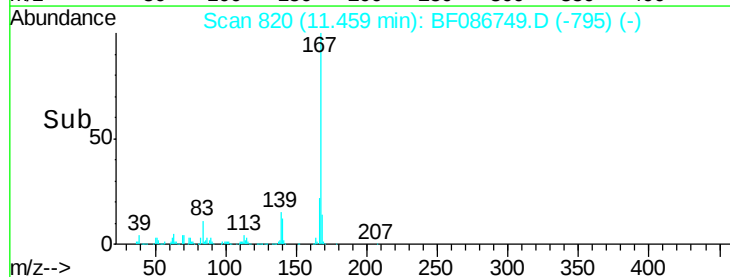
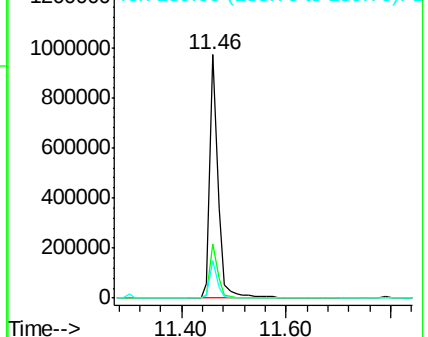
139 15.2 10.8 16.2

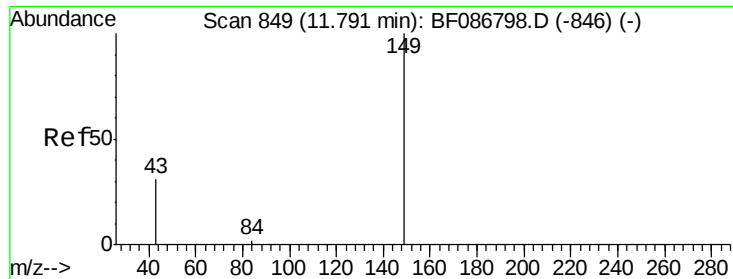


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.96 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

PB90223BSD

Tgt Ion:149 Resp: 1376644

Ion Ratio Lower Upper

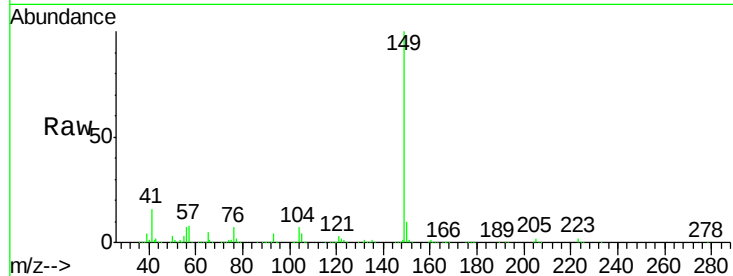
149 100

150 9.8 7.6 11.4

104 6.6 3.8 5.6#

Manual Integrations
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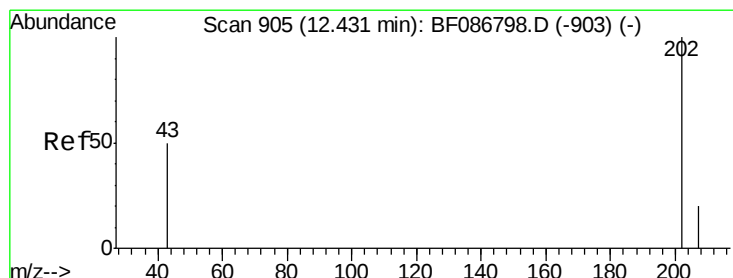
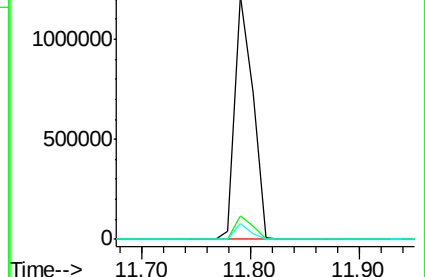
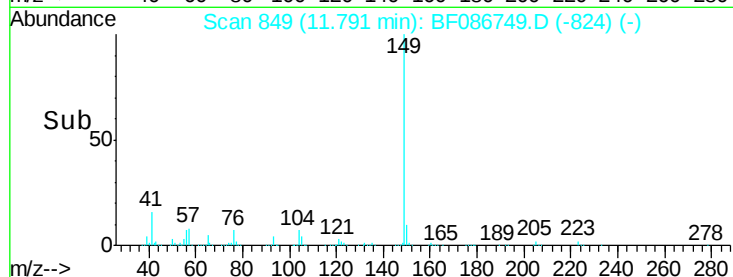
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.54 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

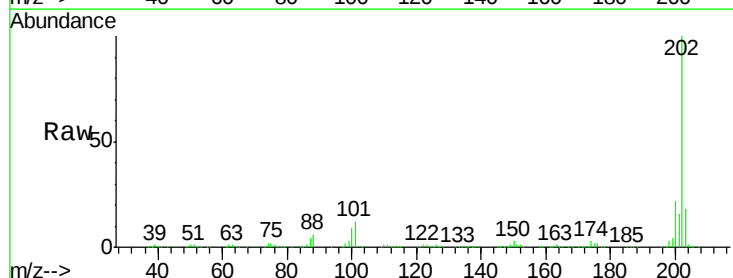
Tgt Ion:202 Resp: 1264527

Ion Ratio Lower Upper

202 100

101 12.4 0.0 35.4

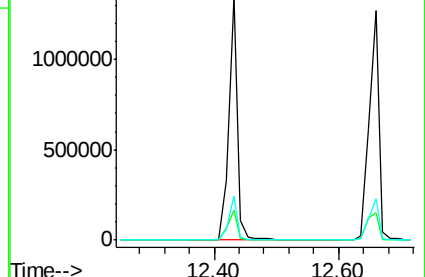
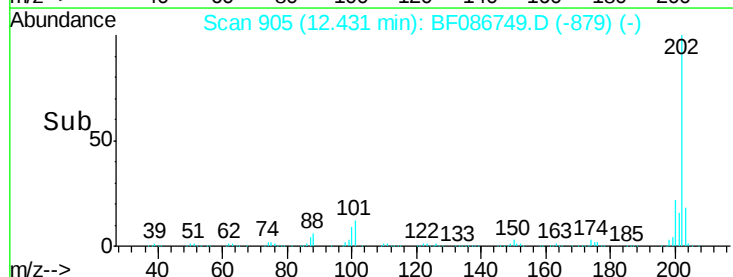
203 18.1 0.0 38.1

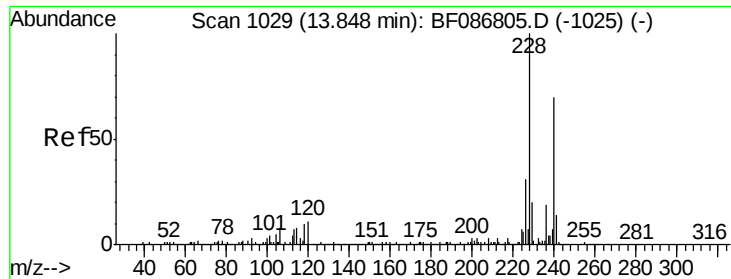


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

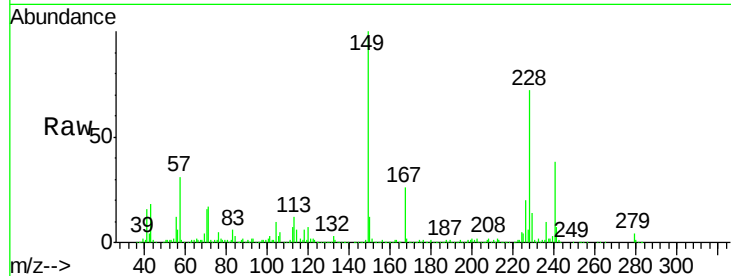
ClientSampleId :

PB90223BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	390518		
120	17.1	11.2	16.8#	
236	26.4	21.2	31.8	

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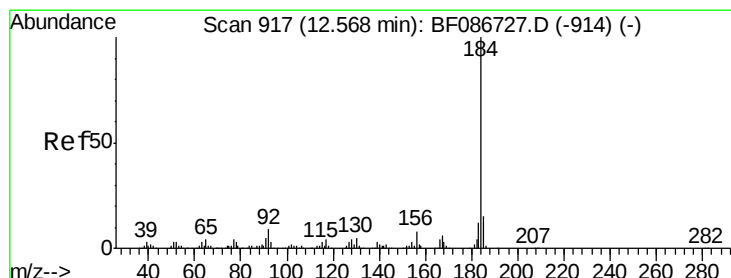
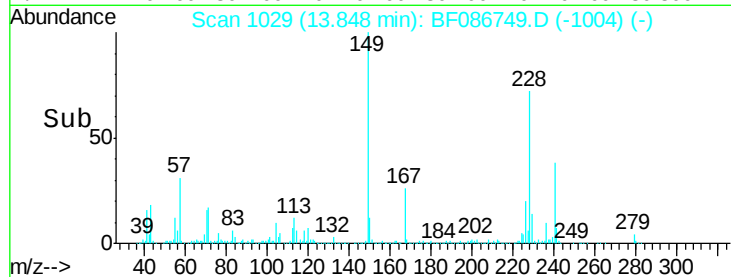
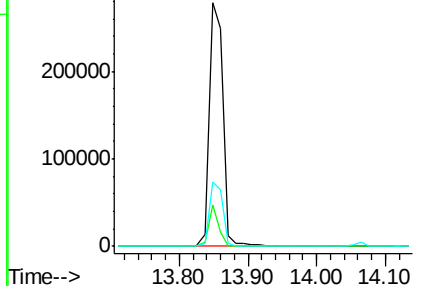
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.90 ng

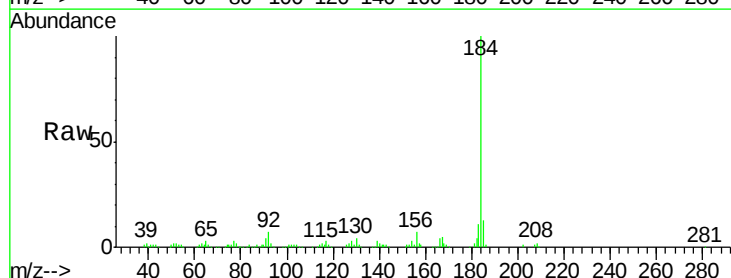
RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

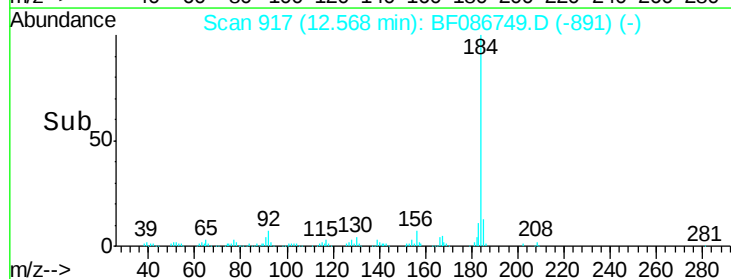
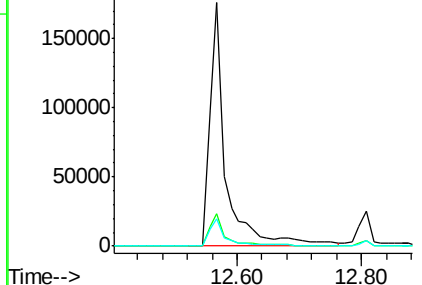
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	311338		
185	13.4	13.6	20.4#	
183	11.4	9.8	14.6	

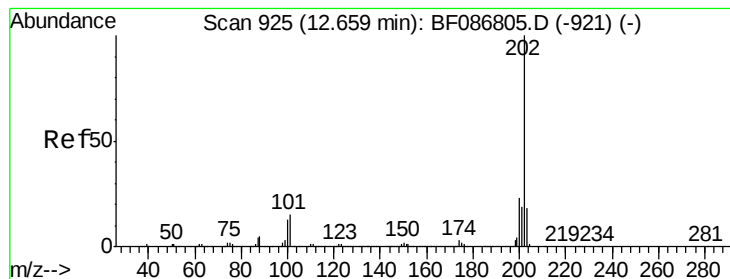


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.27 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

PB90223BSD

Tgt Ion:202 Resp: 1347019

Ion Ratio Lower Upper

202 100

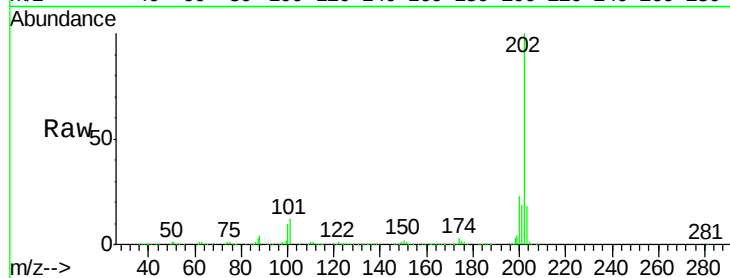
200 22.5 17.7 26.5

203 18.0 14.2 21.4

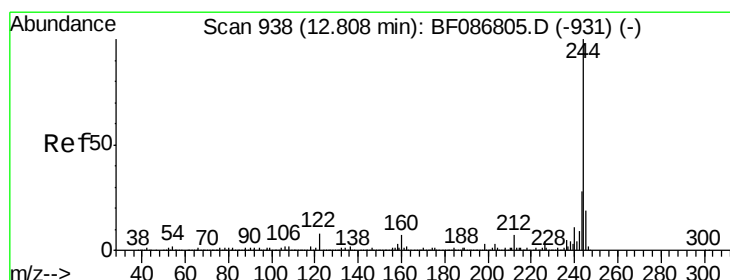
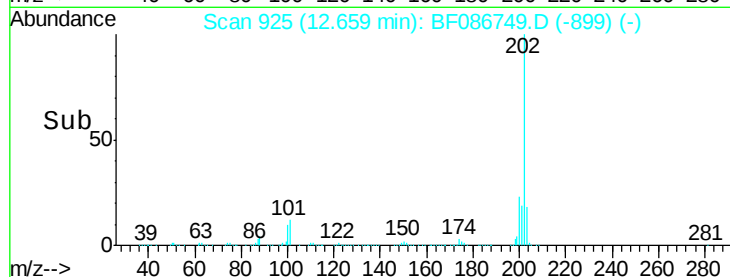
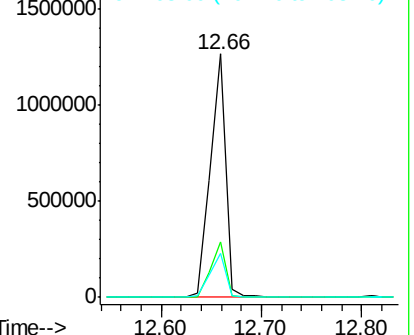
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.83 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

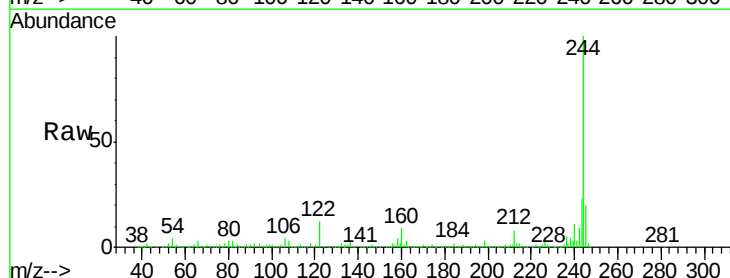
Tgt Ion:244 Resp: 1581149

Ion Ratio Lower Upper

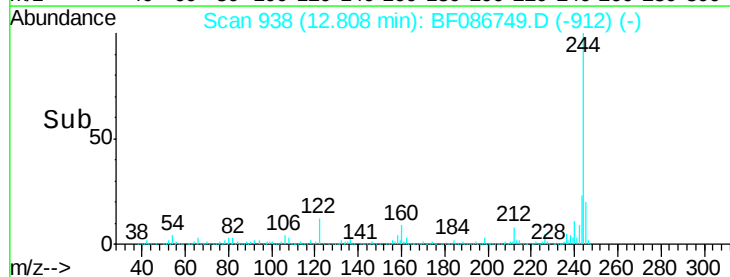
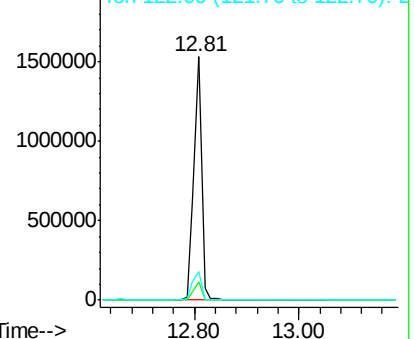
244 100

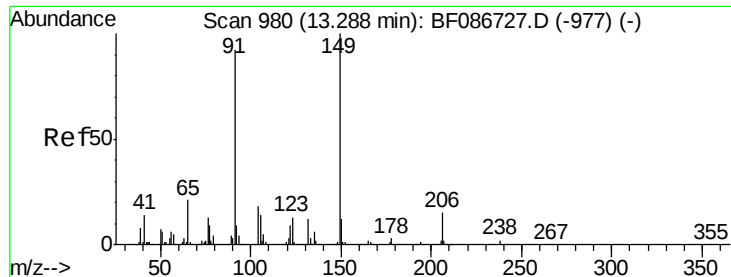
212 7.8 6.2 9.2

122 11.8 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.81 ng

RT: 13.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

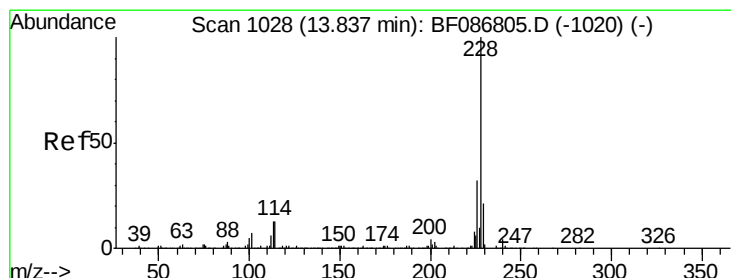
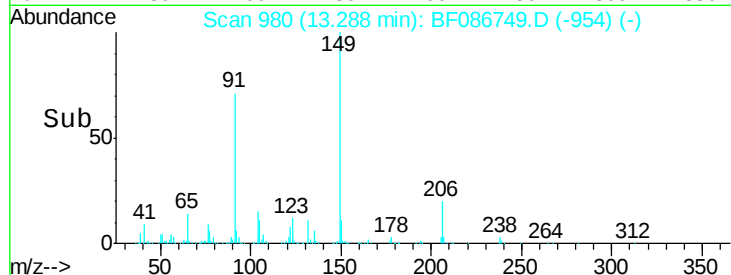
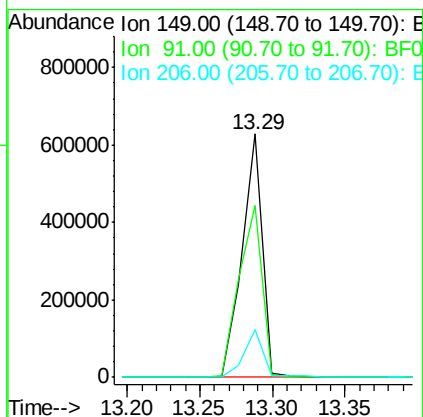
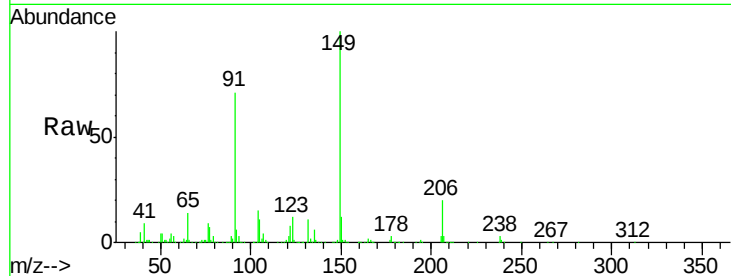
ClientSampleId :

PB90223BSD

Tgt	Ion:149	Resp:	610459
Ion	Ratio	Lower	Upper
149	100		
91	70.8	48.0	72.0
206	19.6	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 42.45 ng

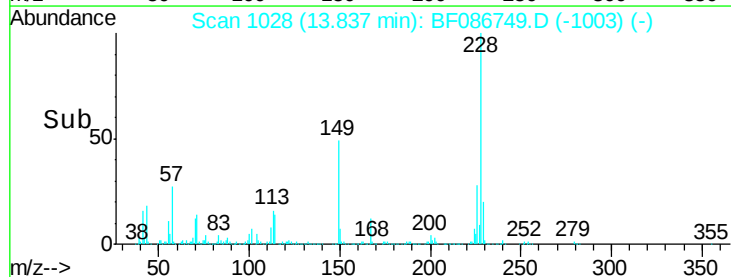
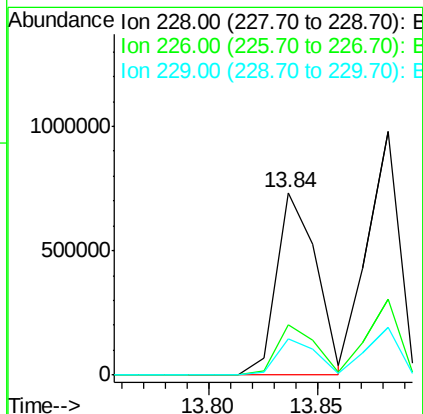
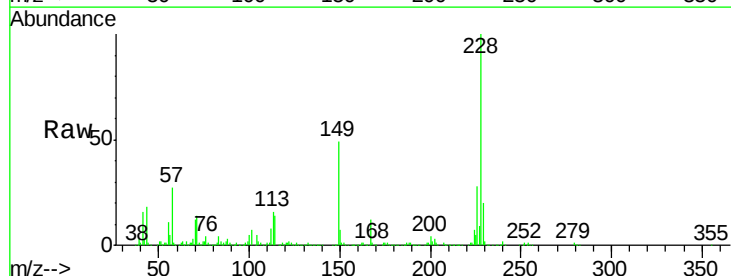
RT: 13.84 min Scan# 1028

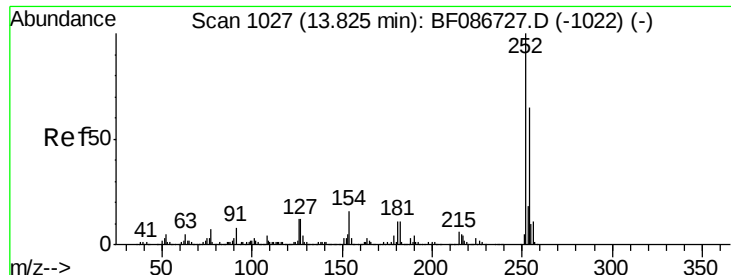
Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Tgt	Ion:228	Resp:	937570
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	20.2	16.6	25.0





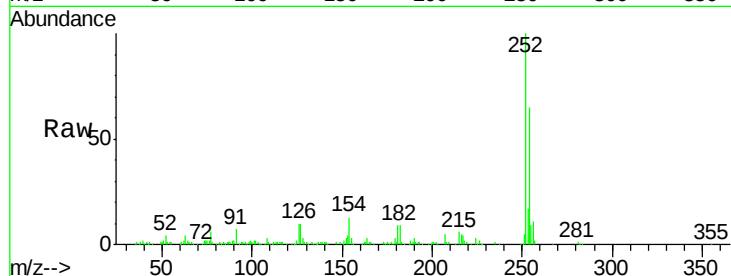
#81
 3,3'-Dichlorobenzidine
 Concen: 10.23 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90223BSD

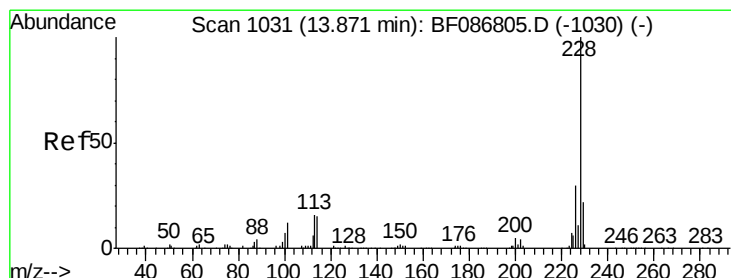
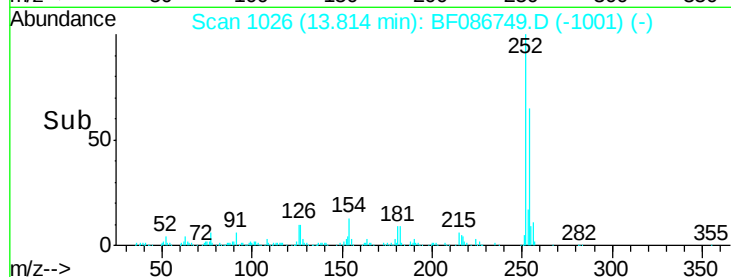
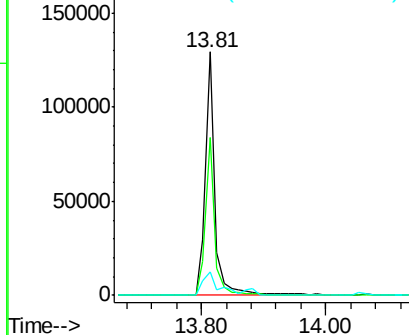
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	141926		
254	64.6	50.7	76.1	
126	9.9	12.7	19.1	

Manual Integrations
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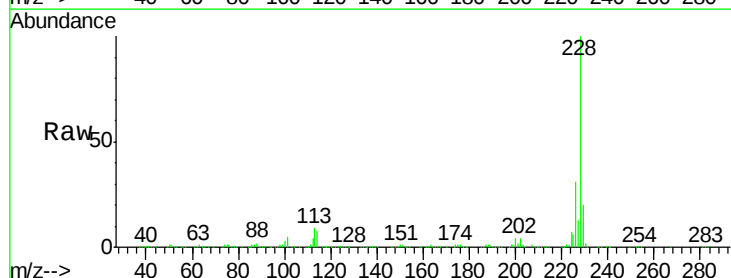


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

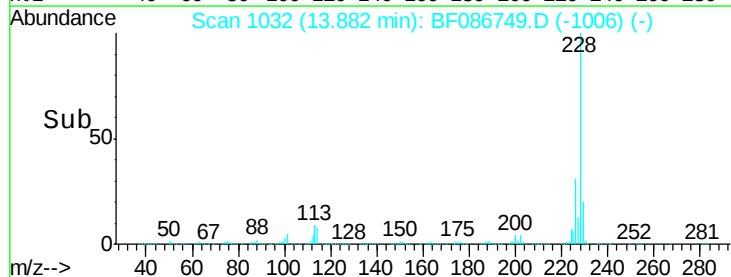
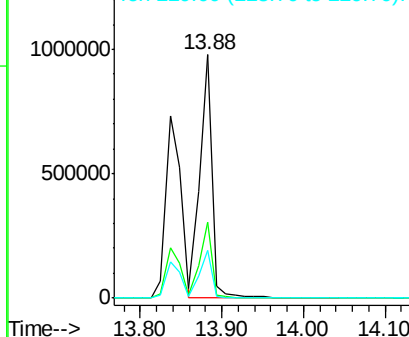


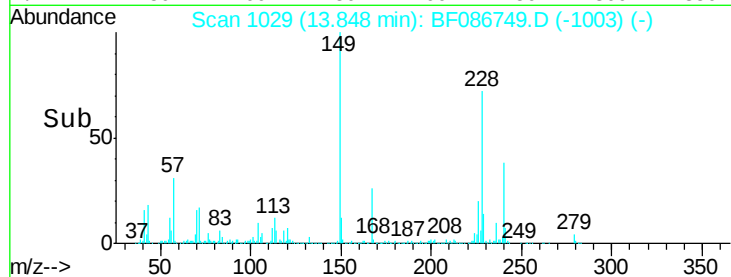
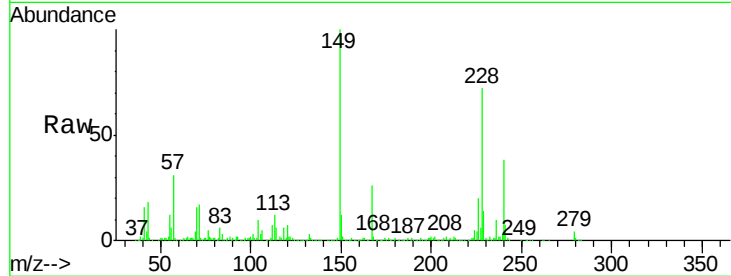
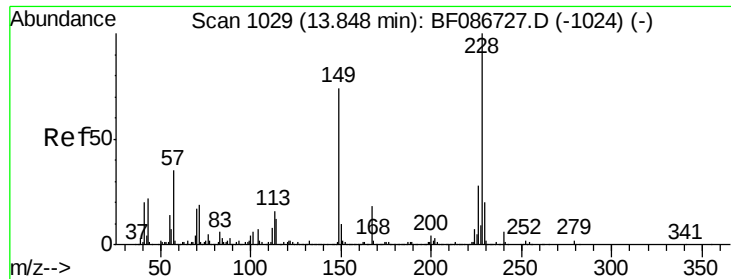
#82
 Chrysene
 Concen: 43.61 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1027526		
226	31.0	24.4	36.6	
229	19.7	15.8	23.8	



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





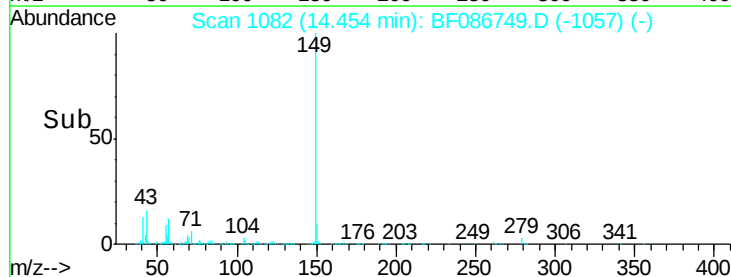
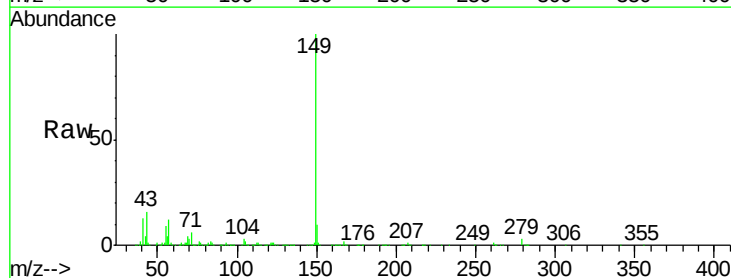
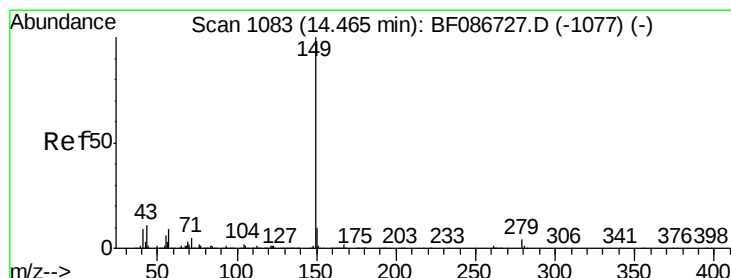
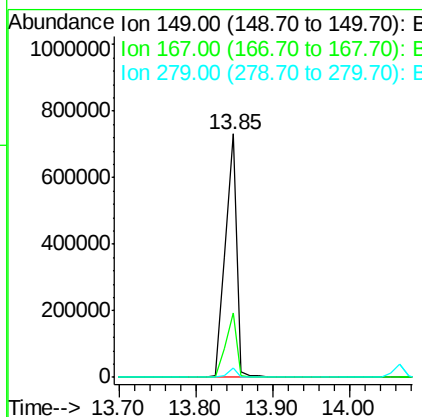
#83
Bis(2-ethylhexyl)phthalate
Concen: 51.08 ng
RT: 13.85 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Instrument :
BNA_F
ClientSampleId :
PB90223BSD

Manual Integrations
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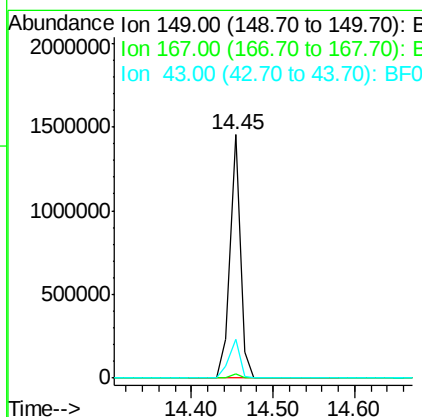
Sohil
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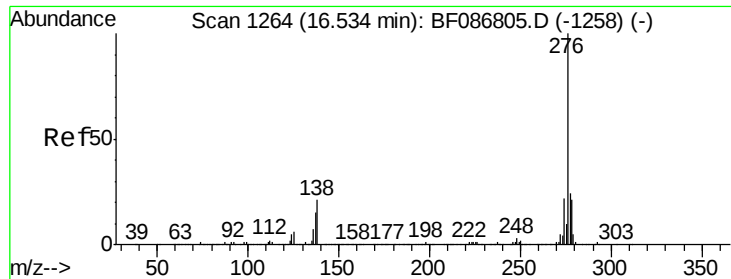
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	770815		
167	26.2	21.8	32.6	
279	3.6	2.6	4.0	



#84
Di-n-octyl phthalate
Concen: 57.17 ng
RT: 14.45 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1269567		
167	1.5	1.2	1.8	
43	17.2	8.2	12.4	





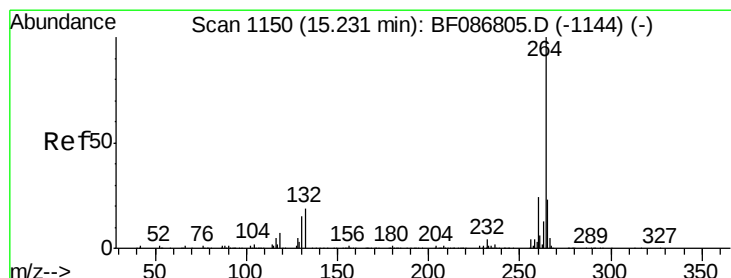
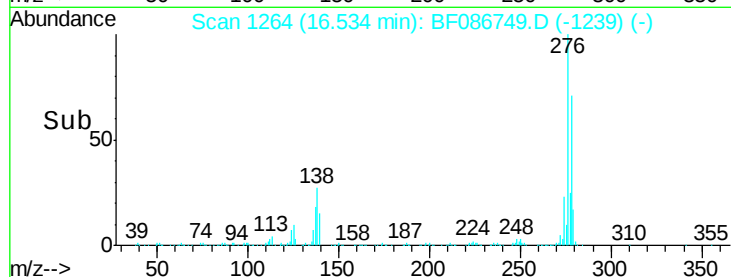
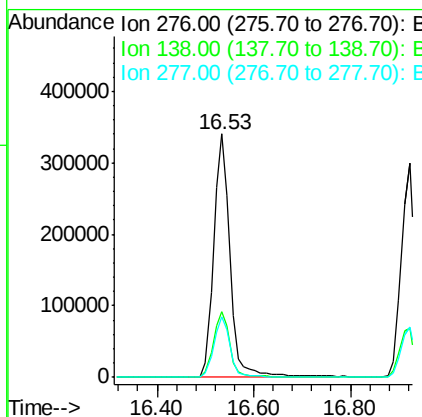
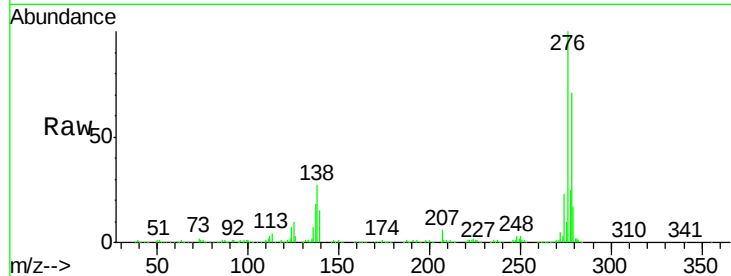
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.50 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90223BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.6	38.4
277	25.1	20.5	30.7

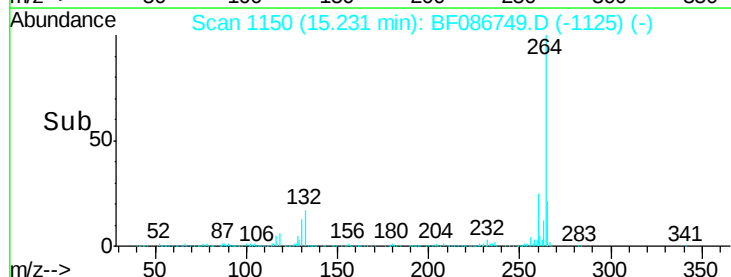
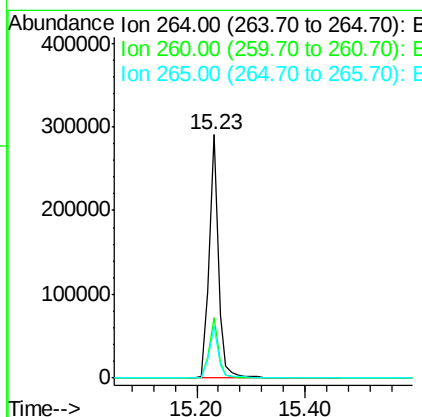
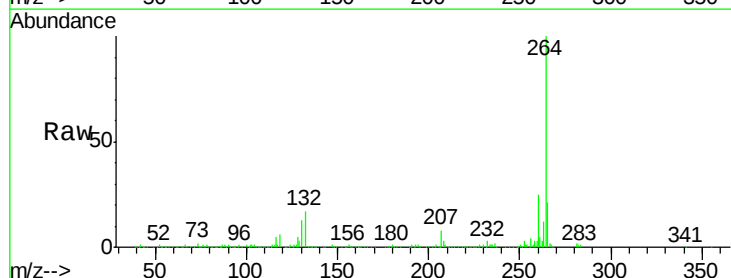
Manual Integrations
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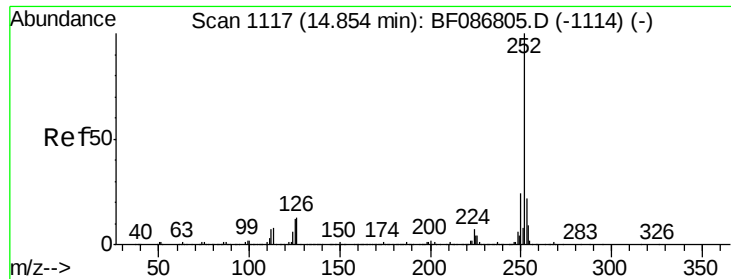
Sohil
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#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF086749.D
 Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.1	17.3	25.9





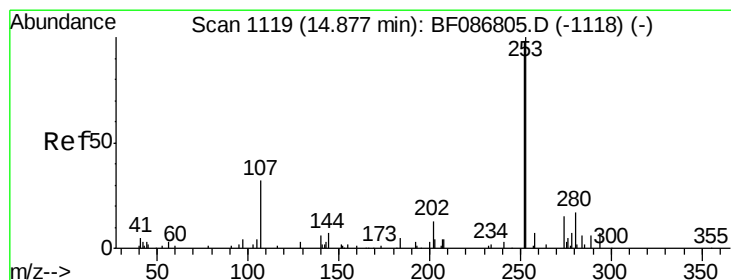
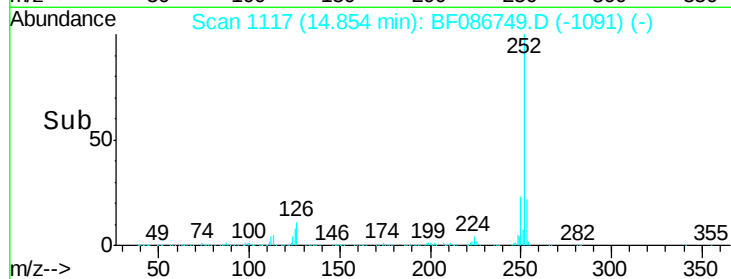
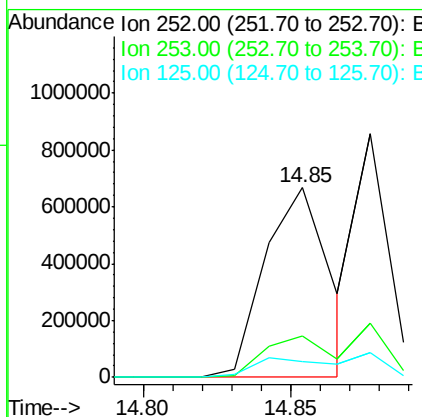
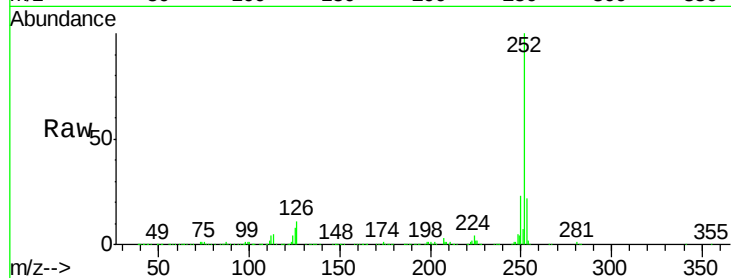
#87
Benzo(b)fluoranthene
Concen: 47.56 ng m
RT: 14.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Instrument :
BNA_F
ClientSampleId :
PB90223BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.2	11.4	17.0

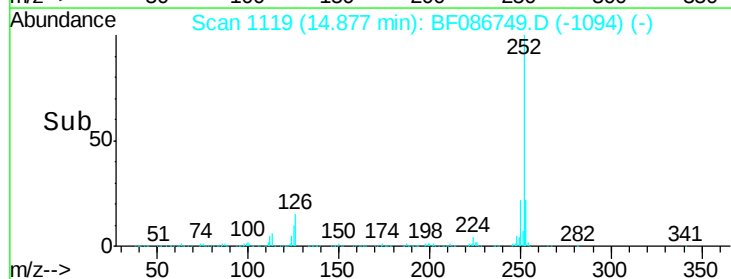
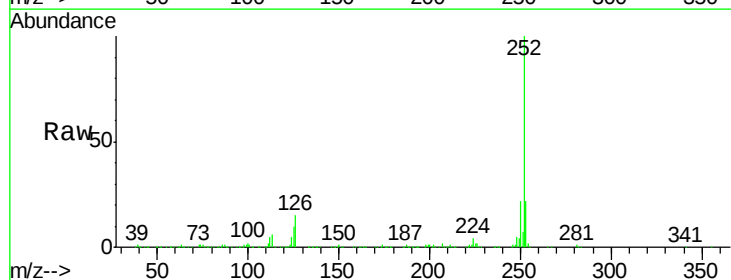
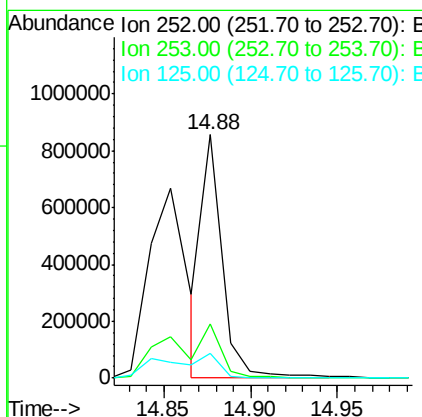
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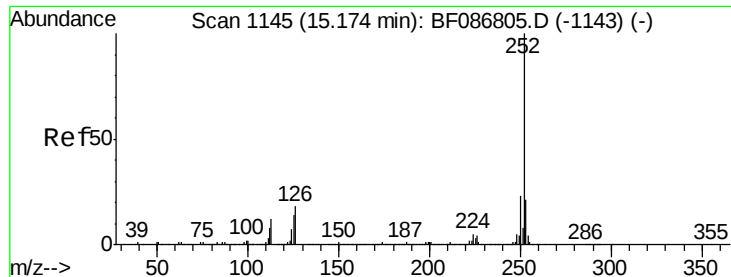
Sohil
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#88
Benzo(k)fluoranthene
Concen: 36.12 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.3	9.1	13.7





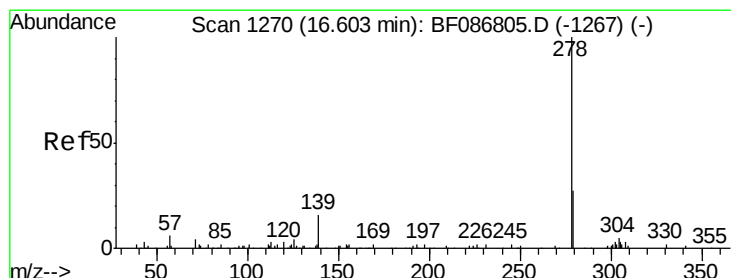
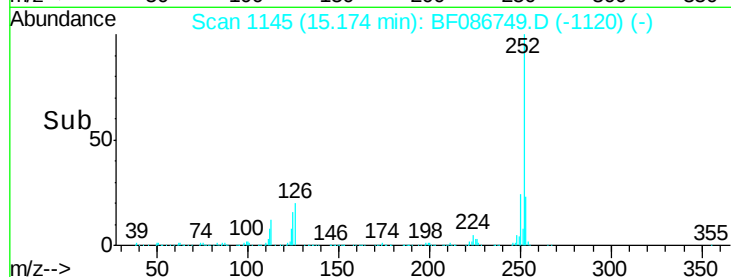
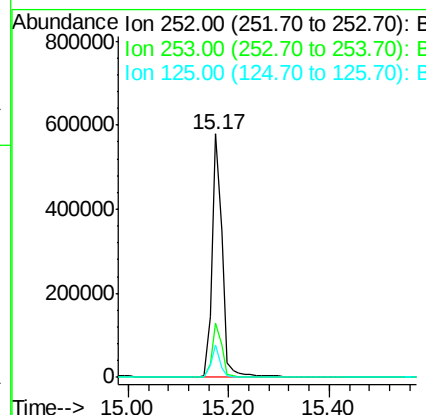
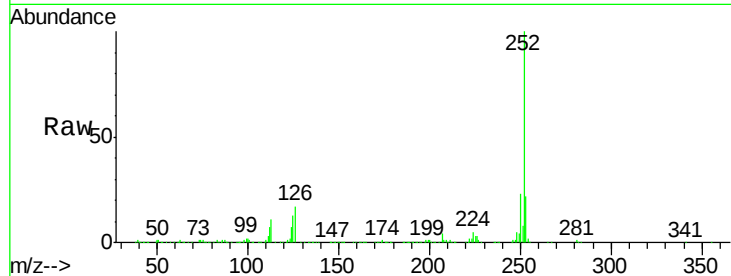
#89
Benzo(a)pyrene
Concen: 40.88 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Instrument :
BNA_F
ClientSampleId :
PB90223BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	13.5	9.0	13.6

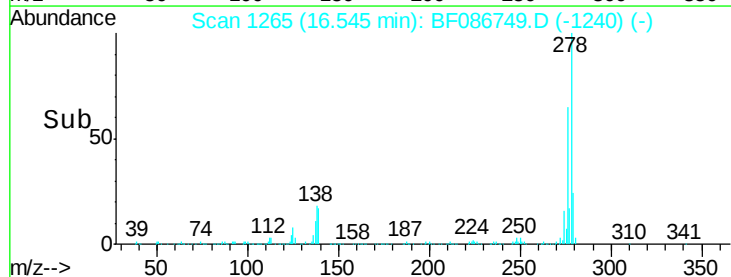
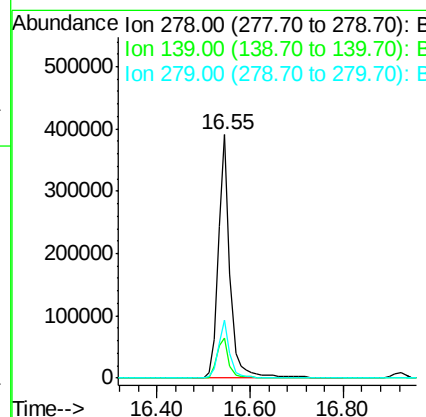
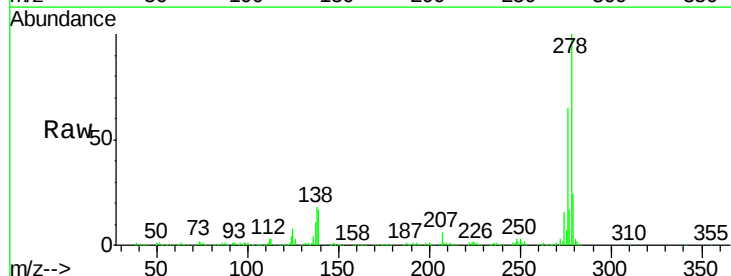
Manual Integrations
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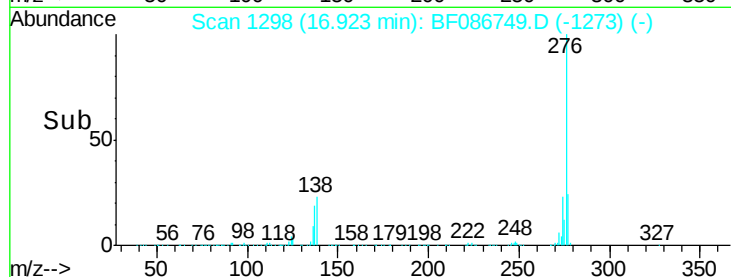
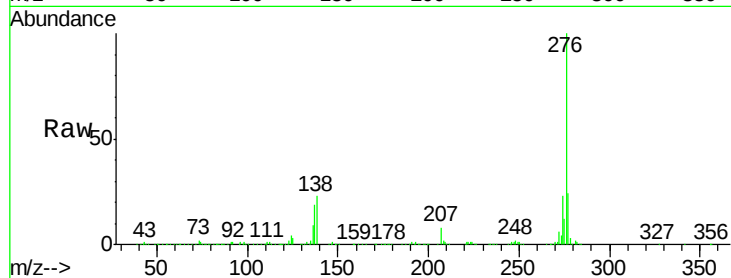
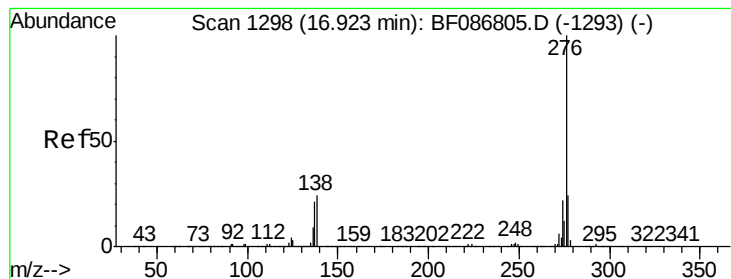
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#90
Dibenzo(a,h)anthracene
Concen: 36.64 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF086749.D
Acq: 7 May 2016 3:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	16.6	24.8
279	24.0	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 33.97 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF086749.D

Acq: 7 May 2016 3:16

Instrument :

BNA_F

ClientSampleId :

PB90223BSD

Tgt Ion: 276 Resp: 666167

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 22.9 23.6 35.4#

Manual Integrations
APPROVED

Sohil
5/9/2016 7:17:22 PM

