

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087719.D
 Acq On : 5 Jun 2016 20:52
 Operator : UM/SJ
 Sample : H3379-04MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:25:03 PM

Quant Time: Jun 06 04:23:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119294	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	483206	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	231719	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	414116	20.00	ng	0.00
75) Chrysene-d12	14.02	240	285585	20.00	ng	0.00
86) Perylene-d12	15.44	264	244965	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1039783	140.88	ng	0.02
7) Phenol-d6	6.50	99	1257477	135.85	ng	0.01
23) Nitrobenzene-d5	7.43	82	785377	94.04	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	312759	134.46	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1378603	94.93	ng	0.00
78) Terphenyl-d14	12.97	244	1038429	88.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	134257	37.63	ng	# 30
3) Pyridine	3.28	79	411498	43.66	ng	98
4) n-Nitrosodimethylamine	3.23	42	184055	46.23	ng	96
6) Aniline	6.52	93	357091	27.22	ng	99
8) 2-Chlorophenol	6.65	128	429766	50.60	ng	89
9) Benzaldehyde	6.40	77	27230	4.35	ng	88
10) Phenol	6.51	94	552522	52.42	ng	88
11) bis(2-Chloroethyl)ether	6.60	93	396008	51.71	ng	90
12) 1,3-Dichlorobenzene	6.80	146	381313	41.93	ng	99
13) 1,4-Dichlorobenzene	6.88	146	410086	44.94	ng	100
14) 1,2-Dichlorobenzene	7.04	146	368141	43.04	ng	99
15) Benzyl Alcohol	7.00	79	309832	45.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	518104	46.39	ng	97
17) 2-Methylphenol	7.12	107	319604	46.87	ng	99
18) Hexachloroethane	7.38	117	150182	47.07	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	288581	49.92	ng	# 88
20) 3+4-Methylphenols	7.28	107	412488	49.37	ng	# 80
22) Acetophenone	7.28	105	500120	45.70	ng	# 89
24) Nitrobenzene	7.45	77	454274	54.35	ng	95
25) Isophorone	7.69	82	747520	49.16	ng	99
26) 2-Nitrophenol	7.76	139	213027	54.85	ng	97
27) 2,4-Dimethylphenol	7.80	122	374954	46.58	ng	95
28) bis(2-Chloroethoxy)methane	7.91	93	490817	50.89	ng	98
29) 2,4-Dichlorophenol	8.01	162	343917	52.02	ng	89
30) 1,2,4-Trichlorobenzene	8.09	180	340827	49.24	ng	99
31) Naphthalene	8.17	128	1126390	47.94	ng	100
32) Benzoic acid	7.87	122	30920	6.37	ng	97
33) 4-Chloroaniline	8.22	127	198506	19.45	ng	97
34) Hexachlorobutadiene	8.30	225	170383	47.34	ng	99
35) Caprolactam	8.60	113	124120m	57.16	ng	
36) 4-Chloro-3-methylphenol	8.71	107	364263	53.27	ng	96
37) 2-Methylnaphthalene	8.87	142	761928	49.11	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	281436	44.07	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	290432	77.32	ng	98

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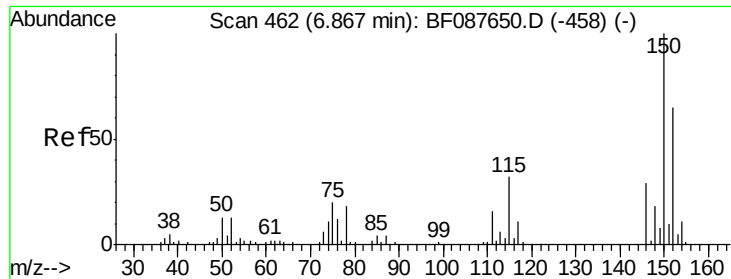
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	260229	53.96	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	225580	50.26	nq	96
45) 1,1'-Biphenyl	9.32	154	816000	43.39	nq	100
46) 2-Chloronaphthalene	9.35	162	656495	43.85	nq	100
47) 2-Nitroaniline	9.45	65	239502	56.82	nq	# 70
48) Acenaphthylene	9.77	152	1174926	50.33	nq	99
49) Dimethylphthalate	9.63	163	862639	51.21	nq	99
50) 2,6-Dinitrotoluene	9.69	165	182070	47.50	nq	# 67
51) Acenaphthene	9.94	154	724885	48.26	nq	99
52) 3-Nitroaniline	9.86	138	139288	31.77	nq	# 66
53) 2,4-Dinitrophenol	9.95	184	86174	51.02	nq	# 84
54) Dibenzofuran	10.11	168	1038066	50.76	nq	94
55) 4-Nitrophenol	10.02	139	317203	84.66	nq	91
56) 2,4-Dinitrotoluene	10.09	165	228208	46.76	nq	# 63
57) Fluorene	10.46	166	753927	47.16	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	195906	50.67	nq	# 53
59) Diethylphthalate	10.33	149	754922	44.62	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	296953	51.09	nq	98
61) 4-Nitroaniline	10.48	138	214778	50.96	nq	94
62) Azobenzene	10.60	77	814447	47.83	nq	98
64) 4,6-Dinitro-2-methylphenol	10.50	198	113565	49.28	nq	# 58
65) n-Nitrosodiphenylamine	10.57	169	728504	53.71	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	212925	51.85	nq	97
67) Hexachlorobenzene	10.99	284	213177	46.42	nq	97
68) Atrazine	11.10	200	211482	52.64	nq	94
69) Pentachlorophenol	11.19	266	223055	81.75	nq	97
70) Phenanthrene	11.42	178	1074830	47.87	nq	99
71) Anthracene	11.46	178	1001179	44.50	nq	100
72) Carbazole	11.61	167	1065888	50.05	nq	100
73) Di-n-butylphthalate	11.95	149	1168910	51.19	nq	100
74) Fluoranthene	12.59	202	993131	44.95	nq	99
76) Benzidine	12.72	184	202398	17.97	nq	98
77) Pyrene	12.82	202	1027462	50.52	nq	99
79) Butylbenzylphthalate	13.45	149	518326	59.89	nq	97
80) Benzo(a)anthracene	14.01	228	760998	46.17	nq	100
81) 3,3'-Dichlorobenzidine	13.98	252	166015	35.70	nq	100
82) Chrysene	14.05	228	781518	47.64	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	588716	57.16	nq	# 98
84) Di-n-octyl phthalate	14.62	149	1003807	52.42	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.85	276	756831	55.81	nq	# 100
87) Benzo(b)fluoranthene	15.04	252	780898	49.00	nq	99
88) Benzo(k)fluoranthene	15.06	252	633611m	47.79	nq	
89) Benzo(a)pyrene	15.38	252	686300	51.23	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	625574	54.88	nq	97
91) Benzo(g,h,i)perylene	17.27	276	639593	55.61	nq	96

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



#1

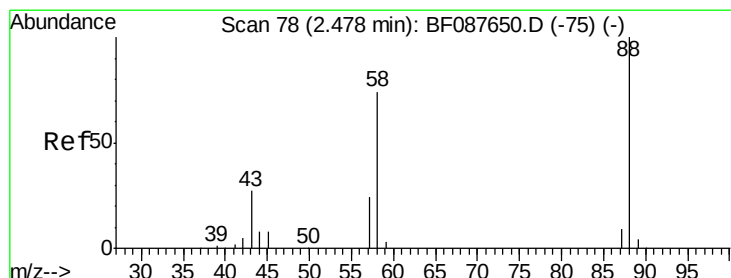
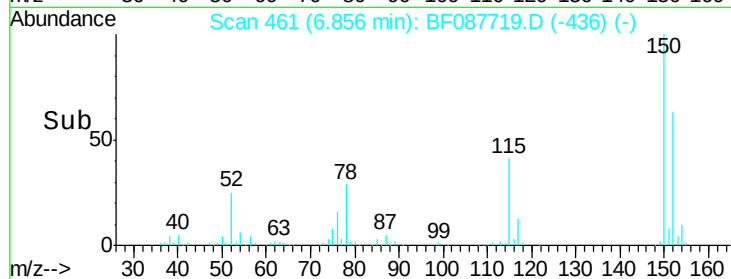
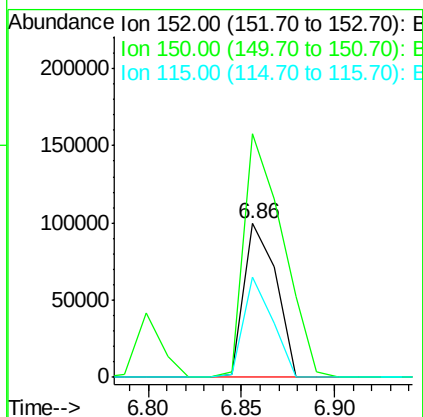
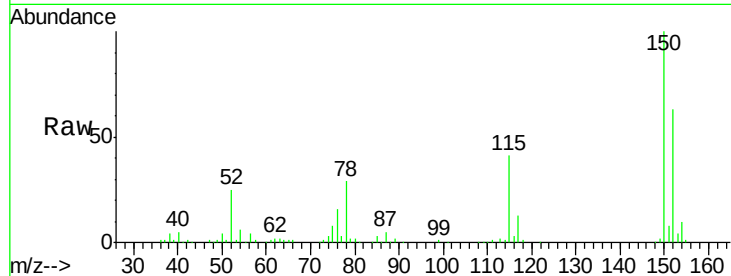
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.8	185.6
115	65.5	39.6	59.4

Manual Integrations
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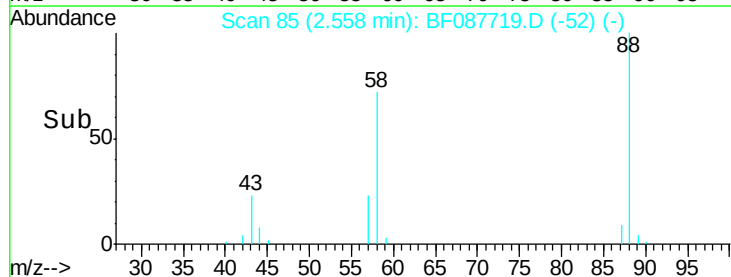
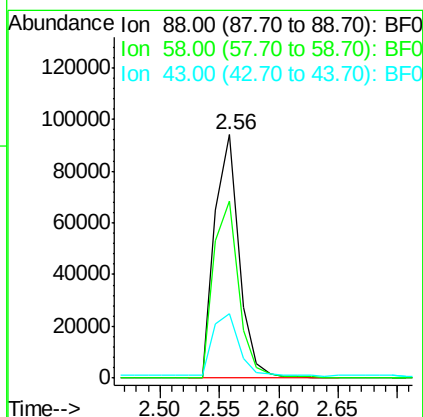
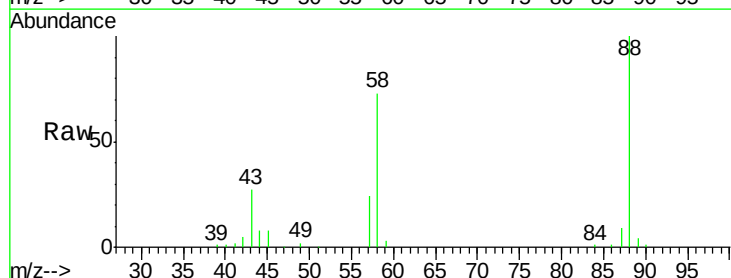
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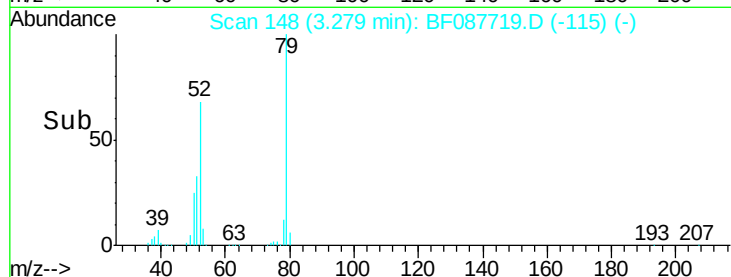
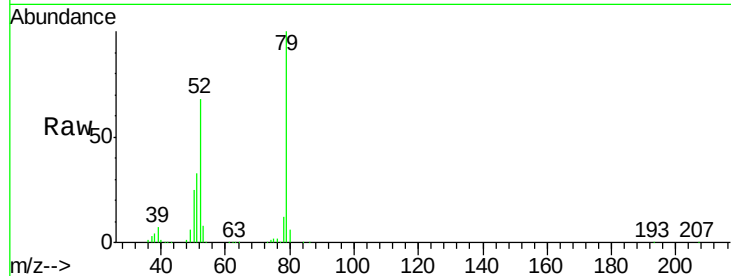
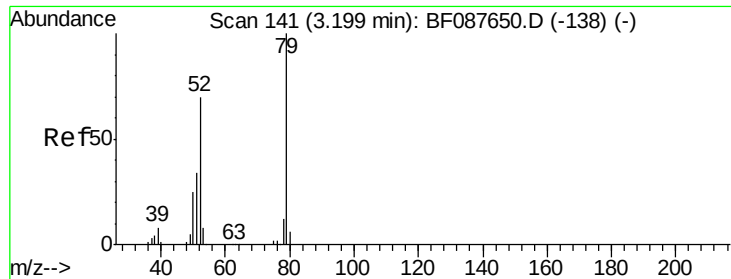


#2

1,4-Dioxane
Concen: 37.63 ng
RT: 2.56 min Scan# 85
Delta R.T. 0.08 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	0.0	0.0
43	27.4	3.4	5.2





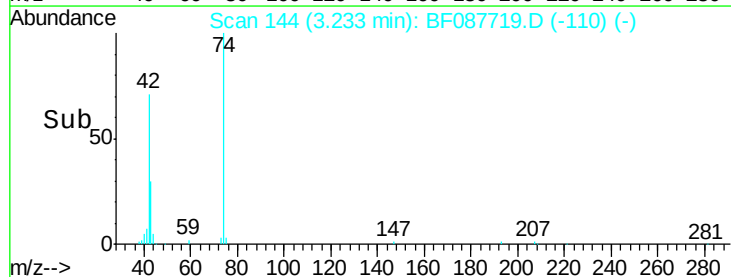
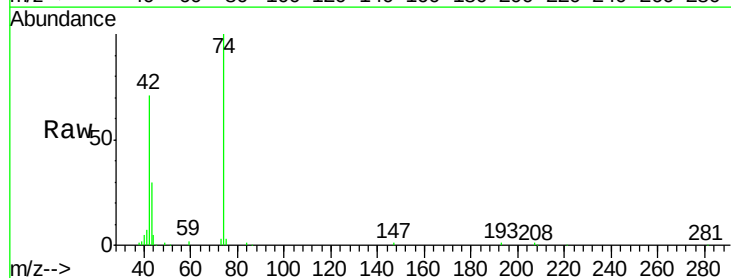
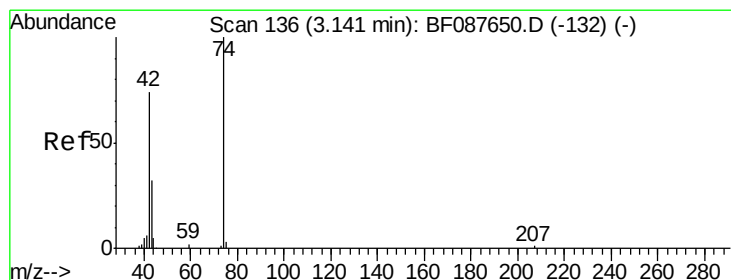
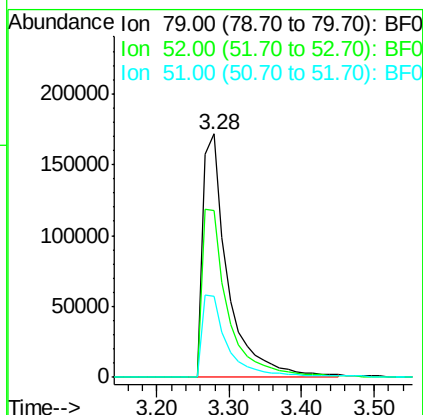
#3
Pvridine
Concen: 43.66 ng
RT: 3.28 min Scan# 148
Delta R.T. 0.08 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	411498		
52	52	68.3		56.3	84.5
51	51	33.2		27.4	41.2

Instrument :
BNA_F
ClientSampleId :
SB-2MS

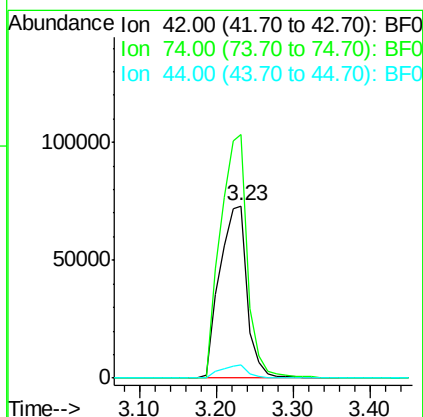
Manual Integrations
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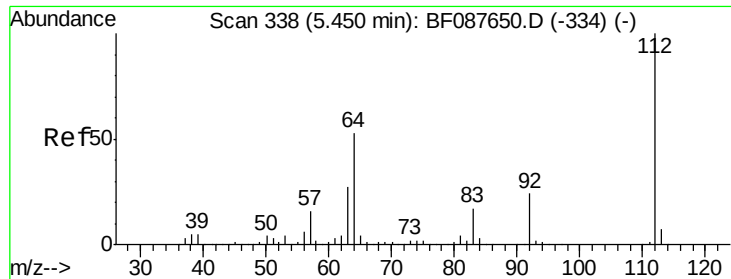
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6/6/2016 7:25:03 PM



#4
n-Nitrosodimethylamine
Concen: 46.23 ng
RT: 3.23 min Scan# 144
Delta R.T. 0.09 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	184055		
74	74	141.3		108.6	163.0
44	44	7.4		5.5	8.3





#5

2-Fluorophenol

Concen: 140.88 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.02 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tot Ion:112 Resp: 1039783

Ion Ratio Lower Upper

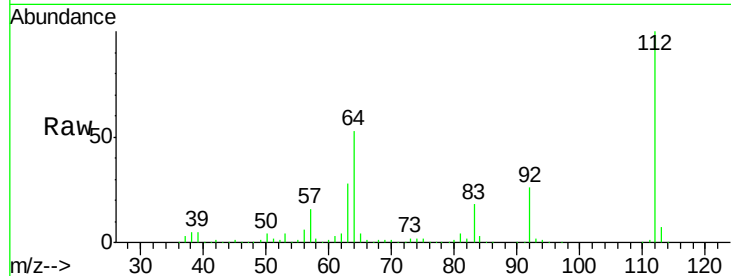
112 100

64 52.7 42.2 63.2

63 27.5 21.8 32.8

Manual Integrations
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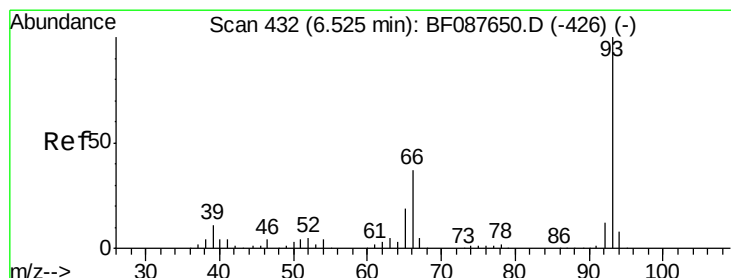
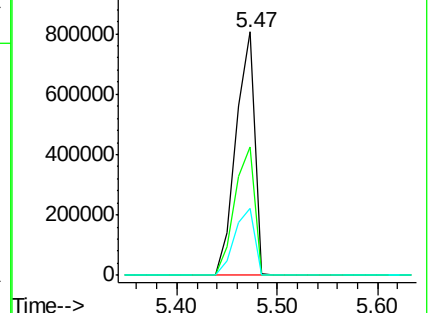
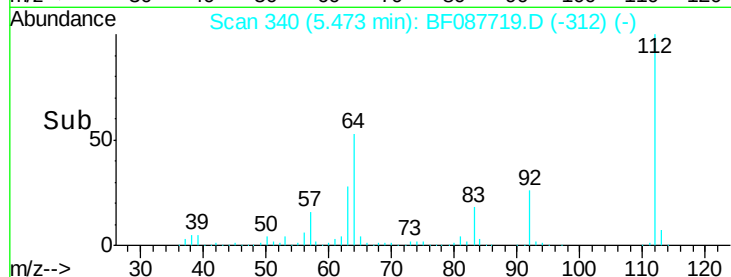
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.22 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

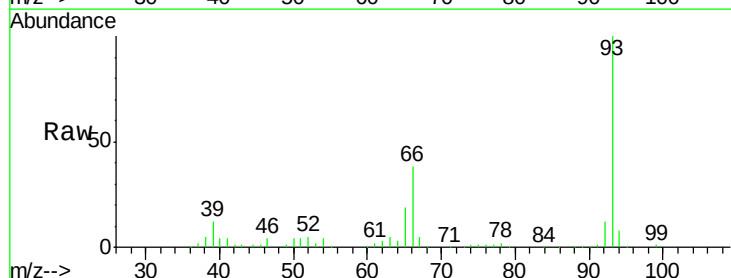
Tgt Ion: 93 Resp: 357091

Ion Ratio Lower Upper

93 100

66 38.2 29.8 44.8

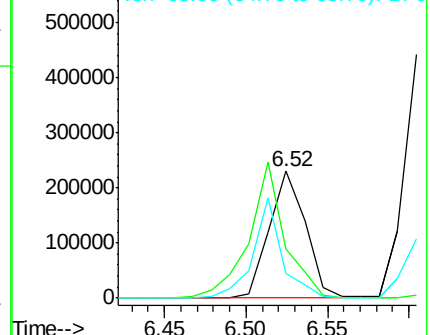
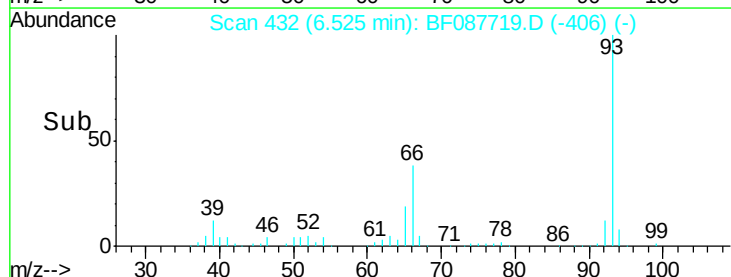
65 19.3 14.9 22.3

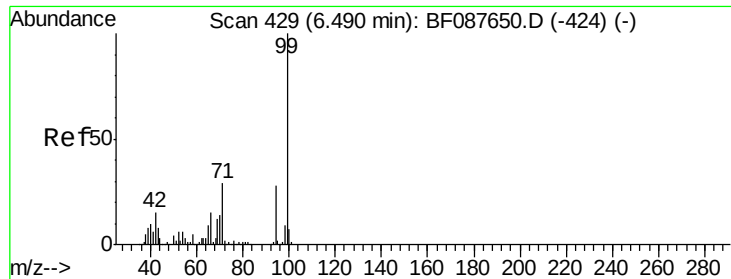


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.85 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampled :

SB-2MS

Tot Ion: 99 Resp: 1257477

Ion Ratio Lower Upper

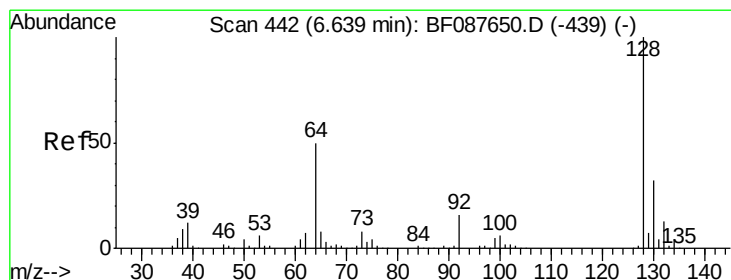
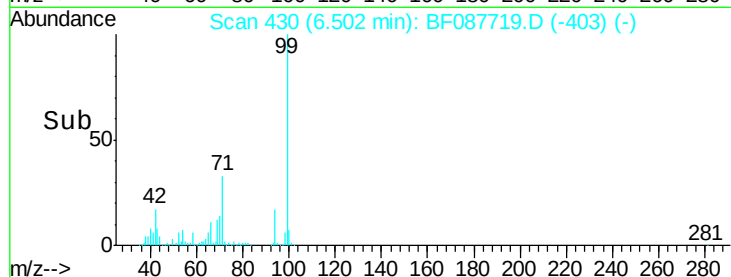
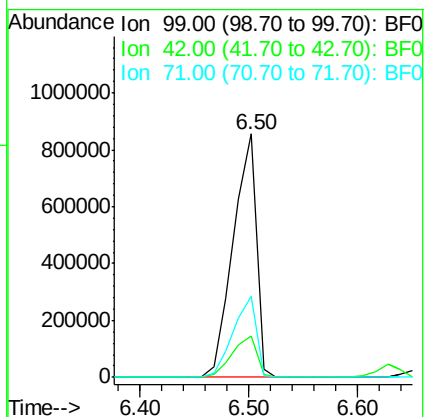
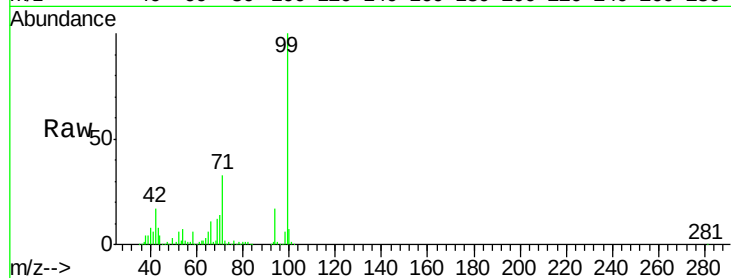
99 100

42 16.8 12.2 18.2

71 33.4 23.4 35.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 50.60 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

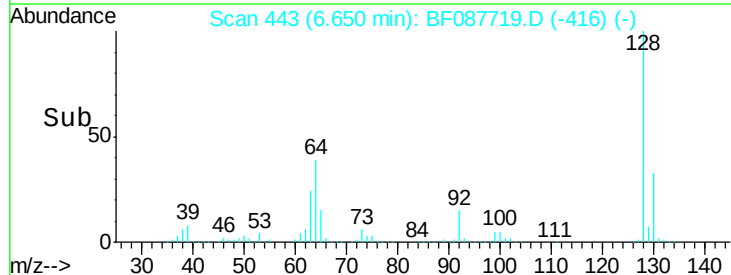
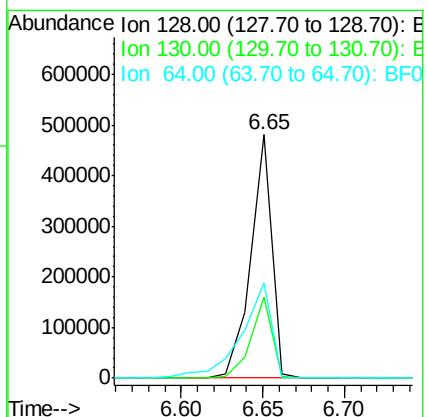
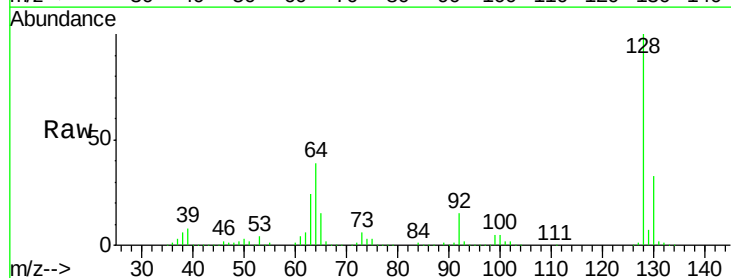
Tgt Ion: 128 Resp: 429766

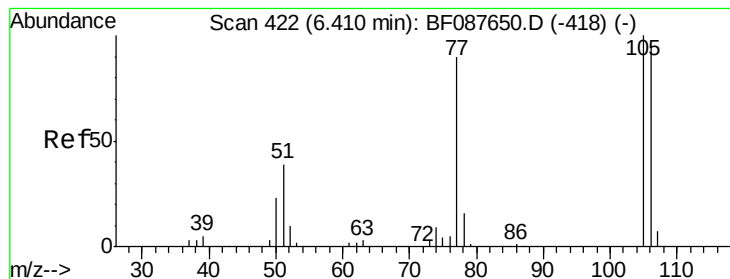
Ion Ratio Lower Upper

128 100

130 33.5 12.0 52.0

64 39.0 30.8 70.8





#9

Benzaldehyde

Concen: 4.35 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

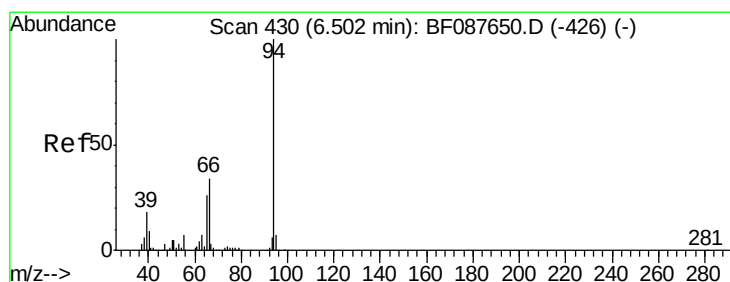
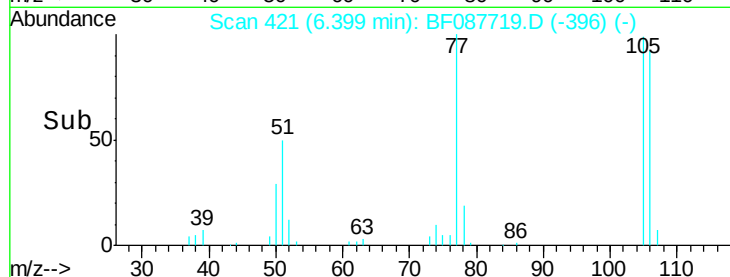
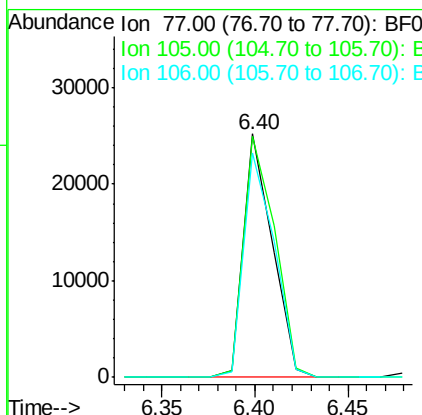
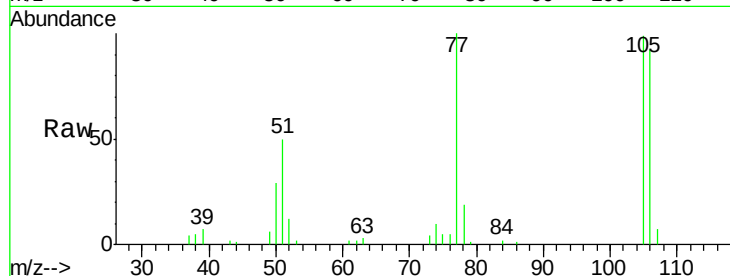
ClientSampleId :

SB-2MS

Tot Ion:	77	Resp:	27230
Ion	Ratio	Lower	Upper
77	100		
105	99.2	90.6	130.6
106	92.0	85.3	125.3

Manual Integrations
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#10

Phenol

Concen: 52.42 ng

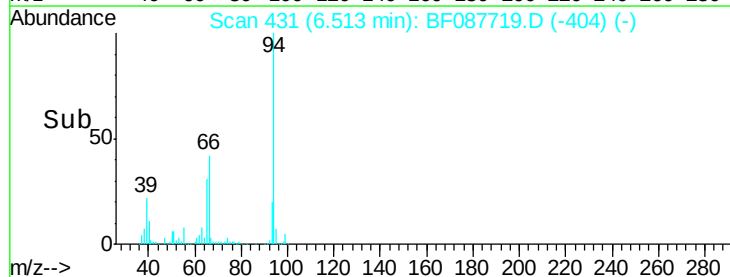
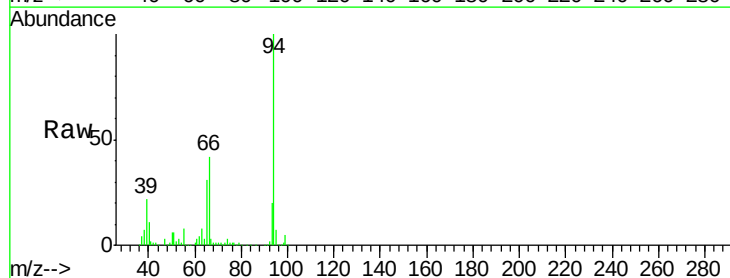
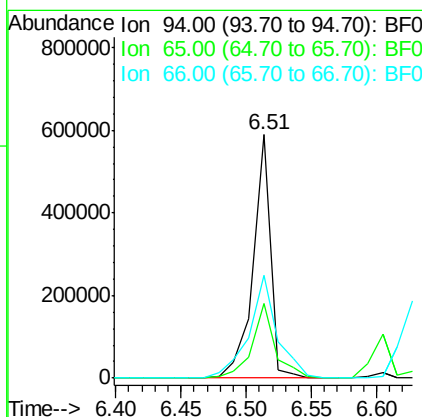
RT: 6.51 min Scan# 431

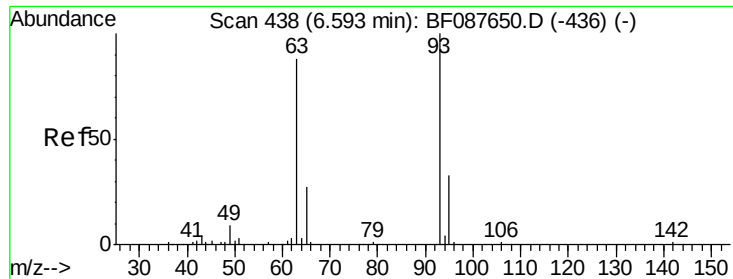
Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Tgt Ion:	94	Resp:	552522
Ion	Ratio	Lower	Upper
94	100		
65	30.9	5.9	45.9
66	42.0	14.0	54.0





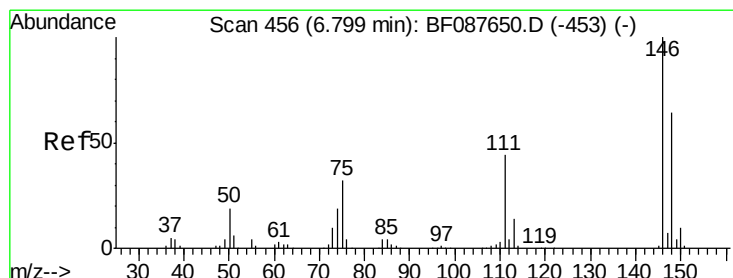
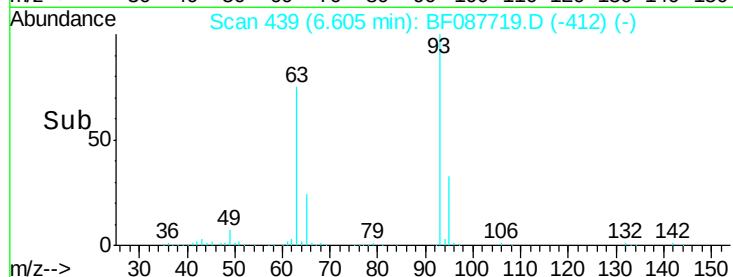
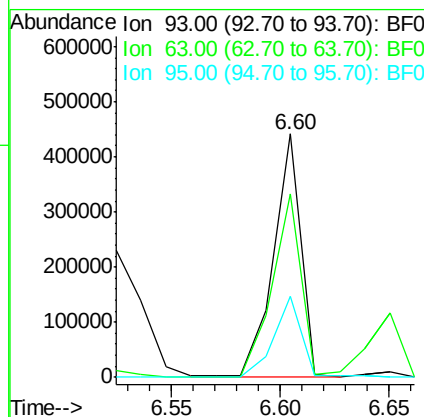
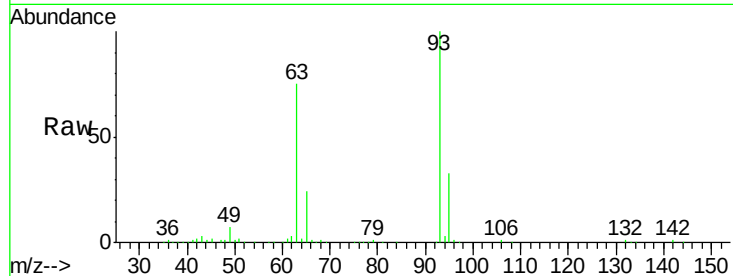
#11
bis(2-Chloroethyl)ether
Concen: 51.71 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion:	93	Resp:	396008
Ion Ratio	Lower	Upper	
93	100		
63	75.4	67.6	107.6
95	33.2	12.5	52.5

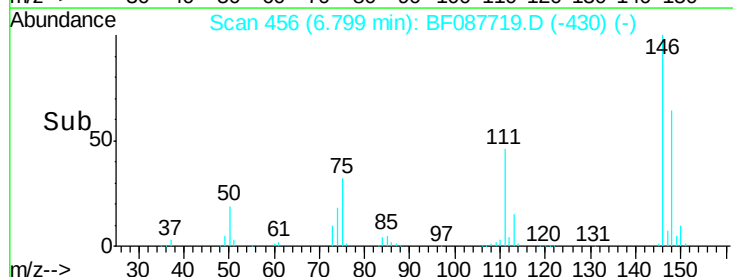
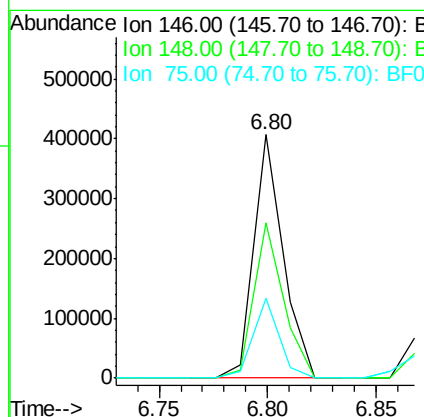
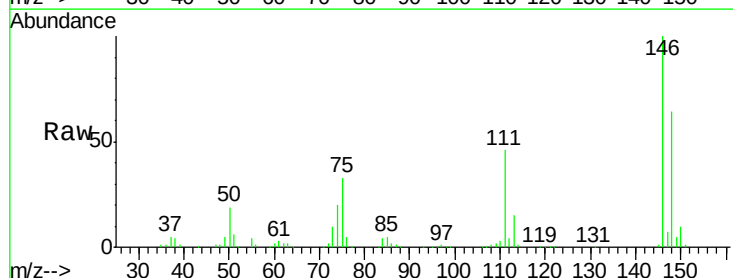
Manual Integrations
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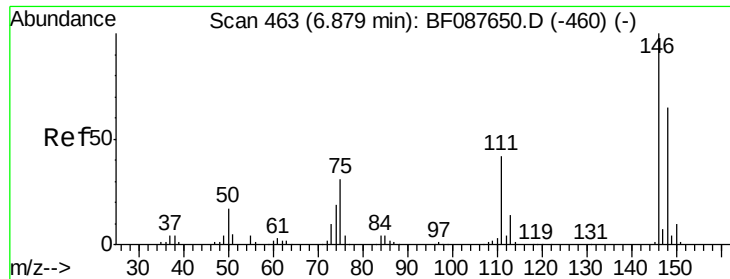
SOHIL
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#12
1,3-Dichlorobenzene
Concen: 41.93 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion:	146	Resp:	381313
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.9	76.3
75	33.0	25.6	38.4





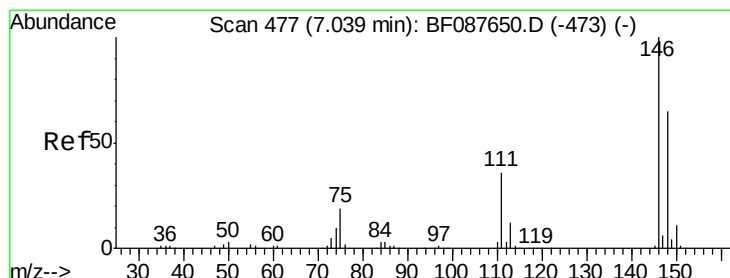
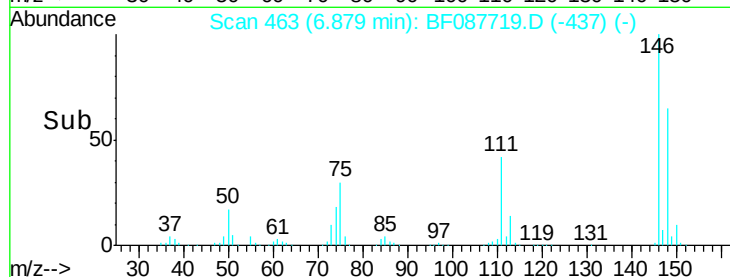
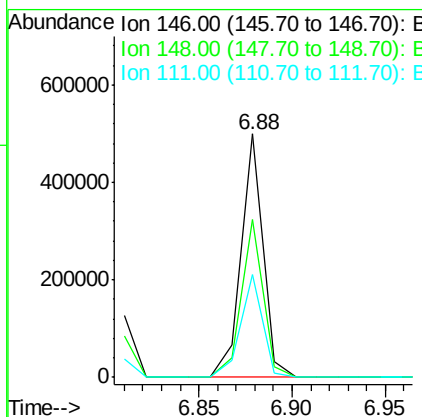
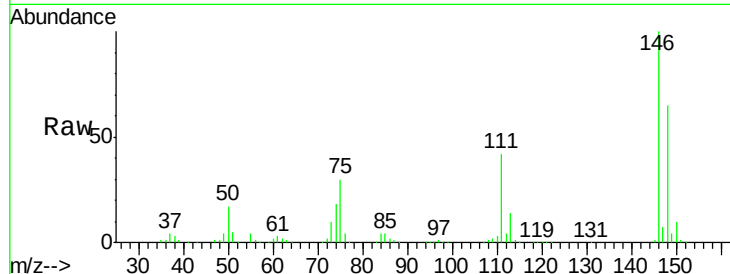
#13
 1,4-Dichlorobenzene
 Concen: 44.94 ng
 RT: 6.88 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	42.0	33.8	50.8

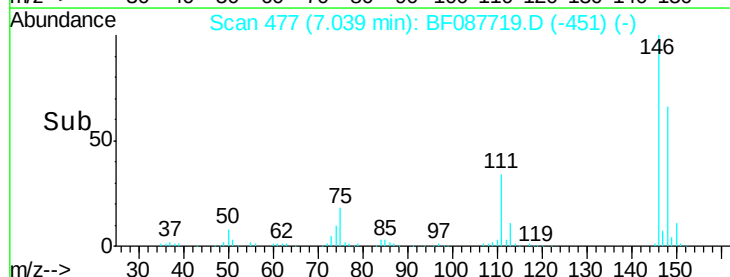
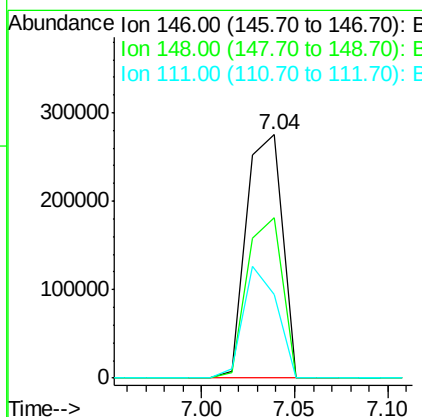
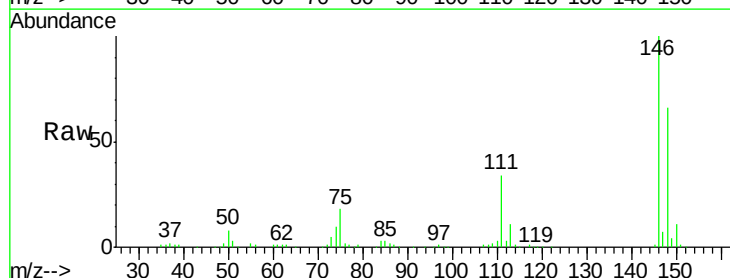
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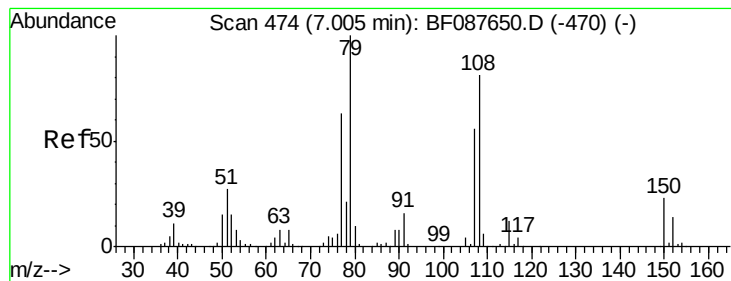
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#14
 1,2-Dichlorobenzene
 Concen: 43.04 ng
 RT: 7.04 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.3	78.5
111	34.4	28.7	43.1





#15

Benzyl Alcohol

Concen: 45.31 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampled :

SB-2MS

Tot Ion: 79 Resp: 309832
Ion Ratio Lower Upper

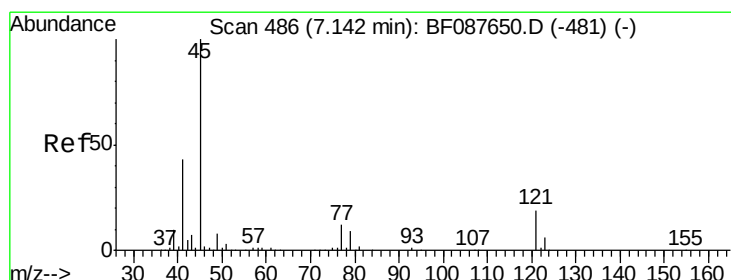
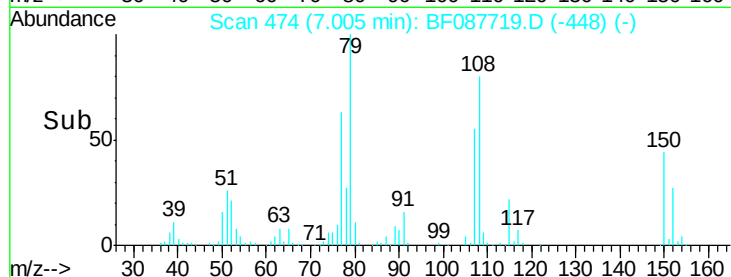
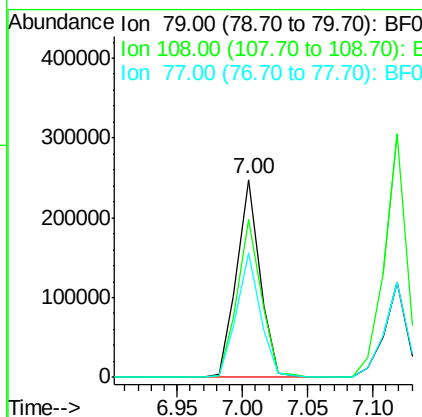
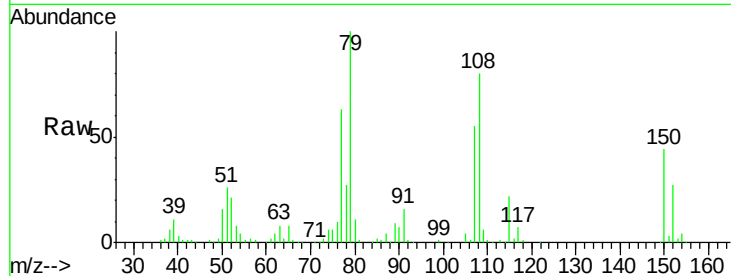
79 100

108 79.6 65.0 97.6

77 62.7 50.3 75.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.39 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF087719.D

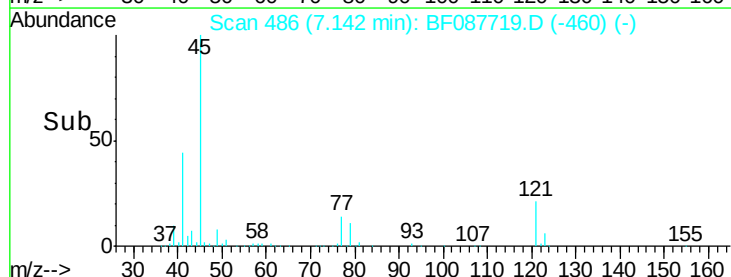
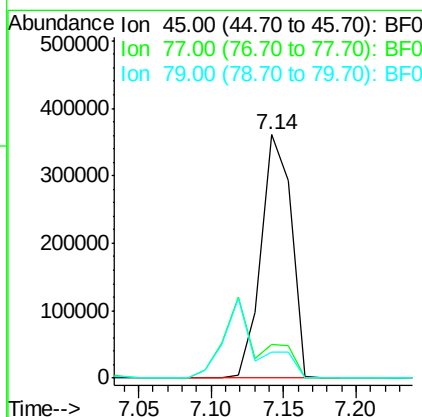
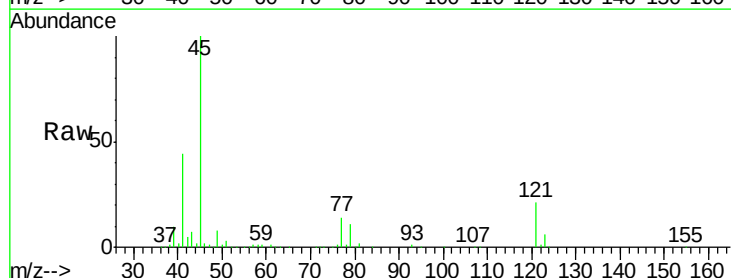
Acq: 5 Jun 2016 20:52

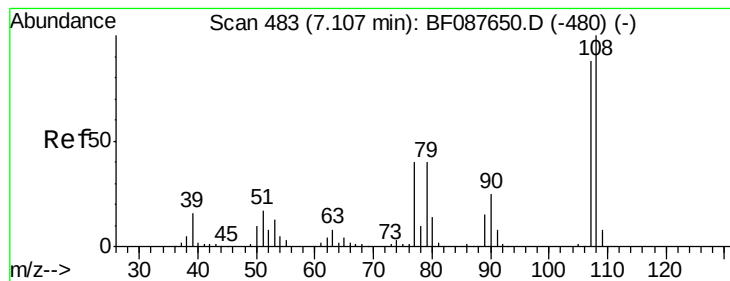
Tgt Ion: 45 Resp: 518104
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.5

79 10.6 0.0 29.5





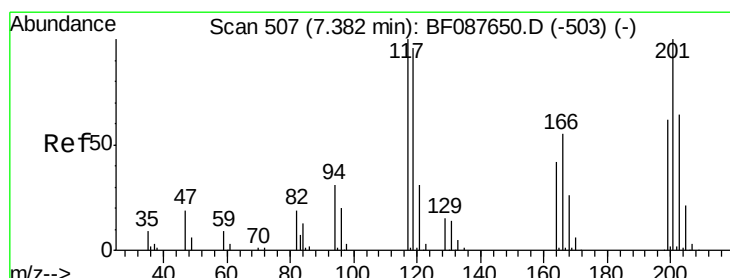
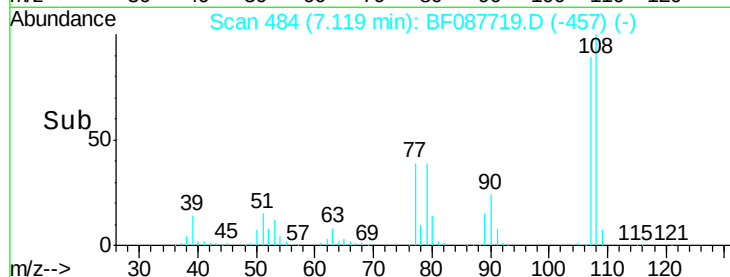
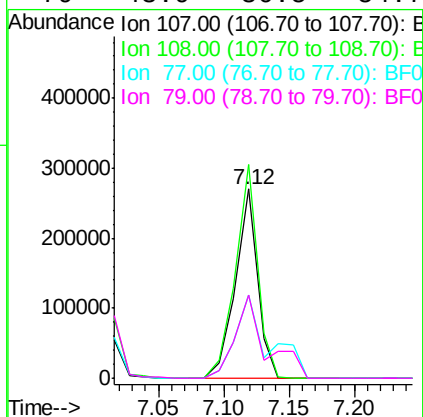
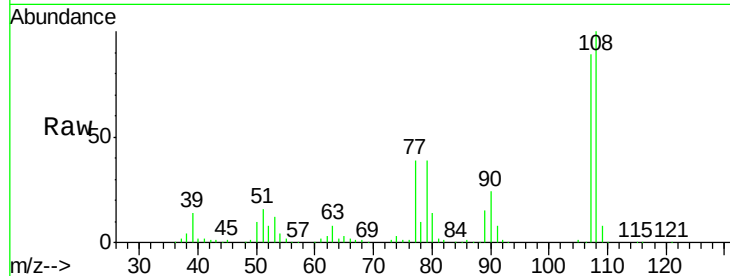
#17
2-Methylphenol
Concen: 46.87 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	319604		
108	112.8	90.9	136.3	
77	44.3	36.6	55.0	
79	43.9	36.5	54.7	

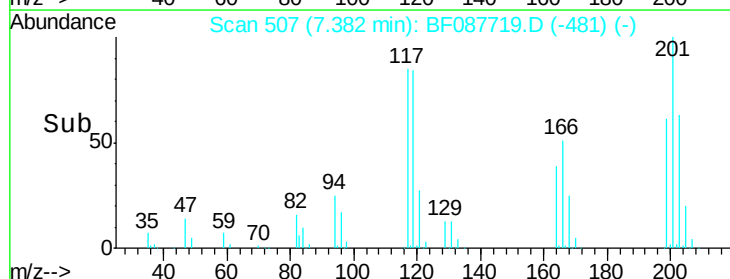
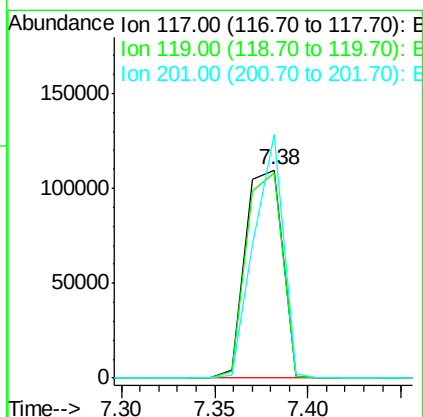
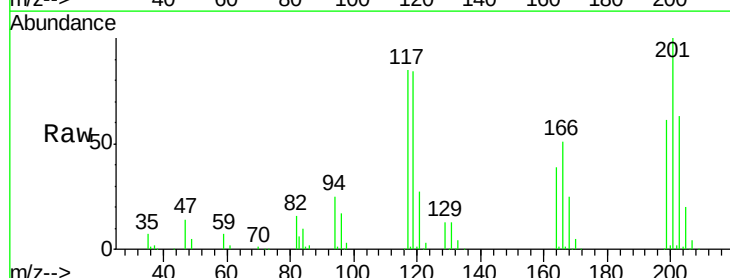
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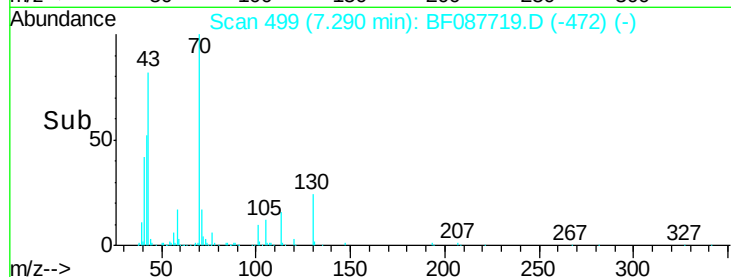
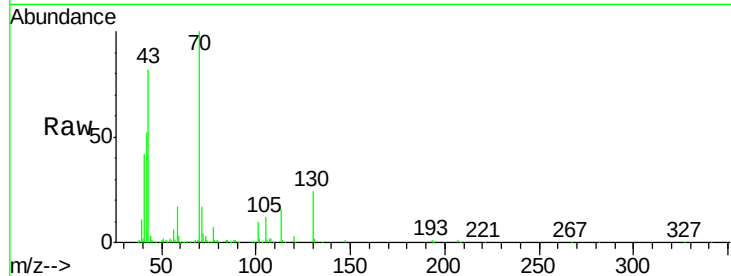
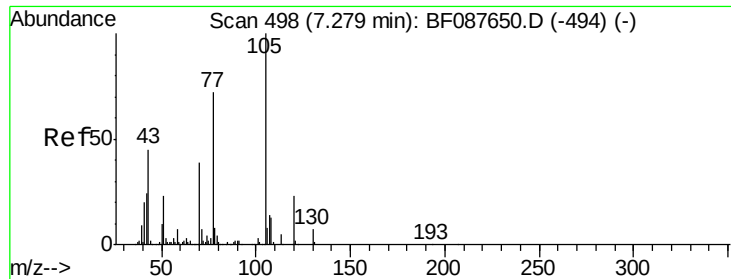
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#18
Hexachloroethane
Concen: 47.07 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	150182		
119	98.7	77.4	116.2	
201	117.1	80.4	120.6	





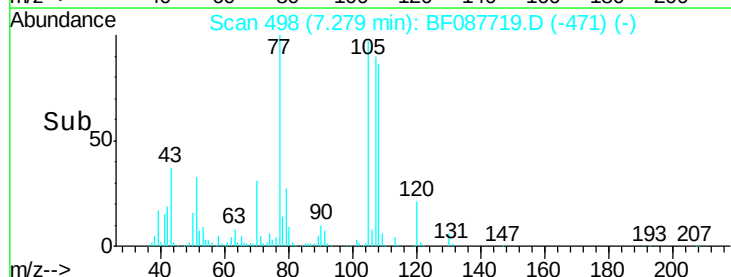
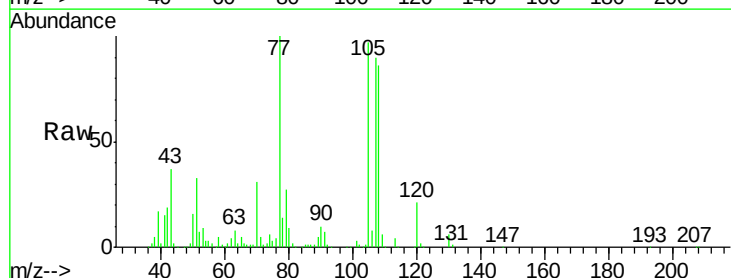
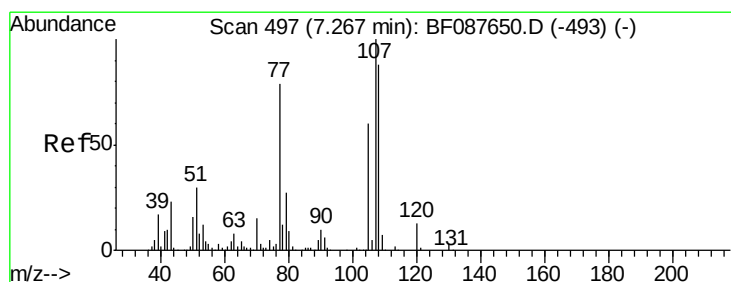
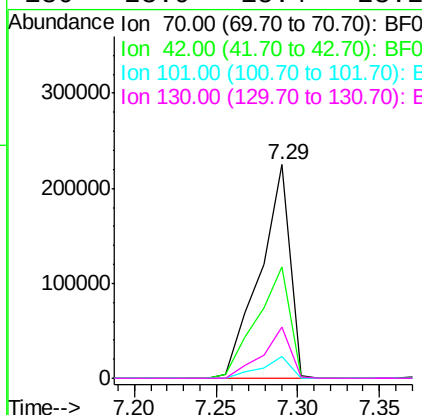
#19
n-Nitroso-di-n-propylamine
Concen: 49.92 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.9	49.6	74.4
101	10.0	7.1	10.7
130	23.9	15.4	23.2#

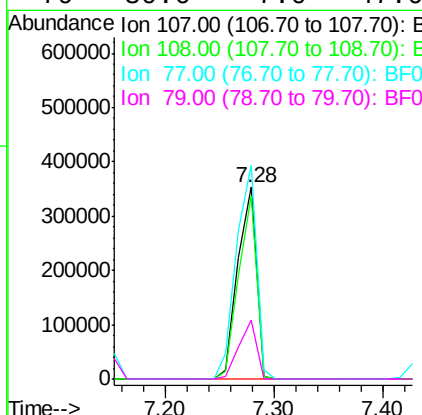
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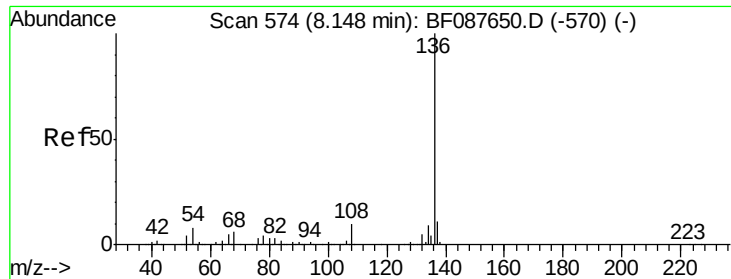
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#20
3+4-Methylphenols
Concen: 49.37 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.5	67.8	107.8
77	111.5	59.3	99.3#
79	30.6	7.0	47.0





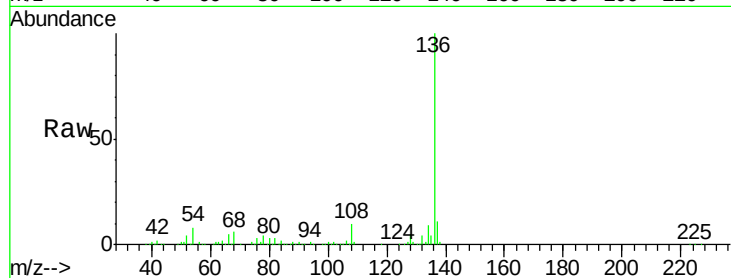
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

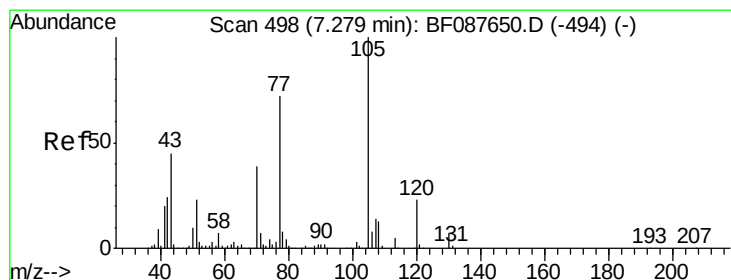
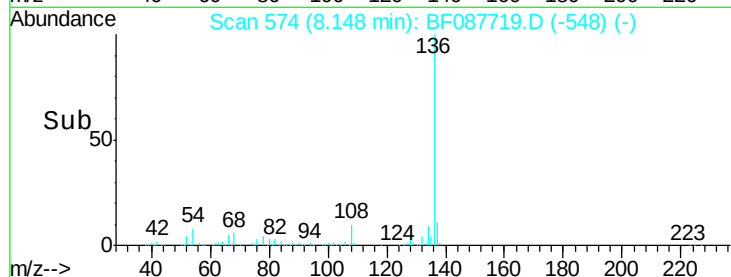
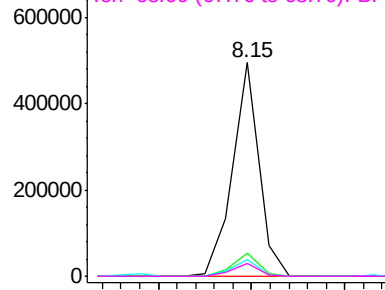
Tot Ion	Ratio	Resp	Lower	Upper
136	100	483206		
137	11.0		9.1	13.7
54	7.9		6.6	10.0
68	6.1		5.1	7.7

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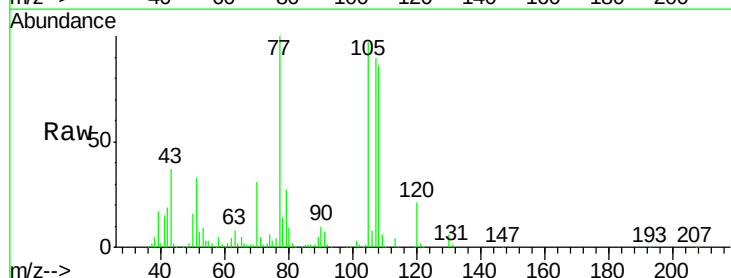


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

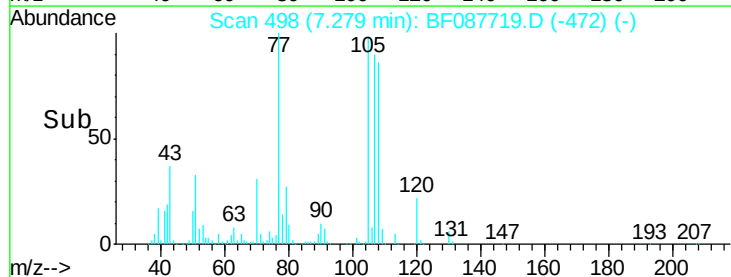
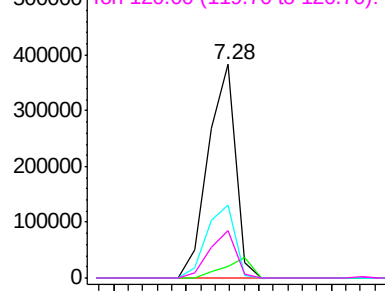


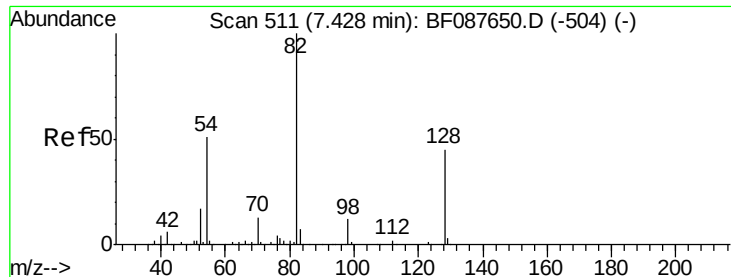
#22
Acetophenone
Concen: 45.70 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	500120		
71	5.2		5.3	7.9#
51	34.3		18.2	27.4#
120	22.0		18.0	27.0



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





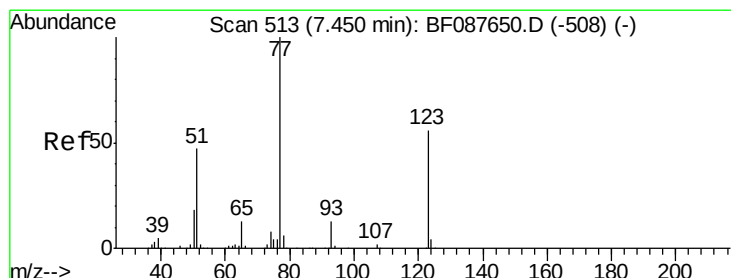
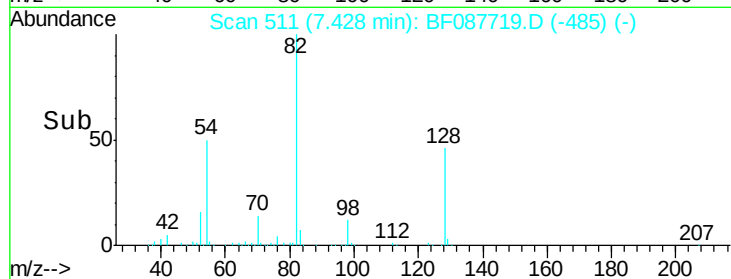
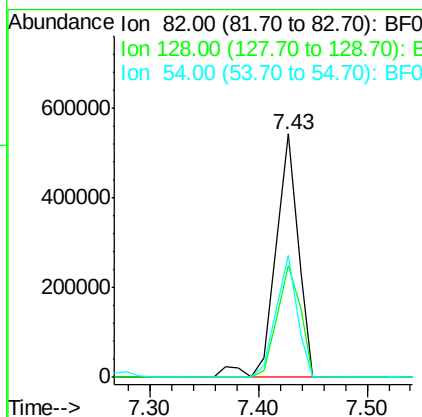
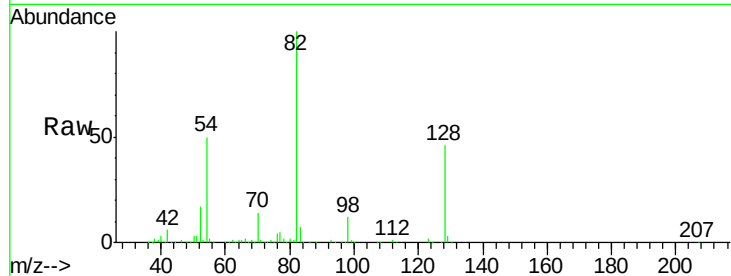
#23
 Nitrobenzene-d5
 Concen: 94.04 ng
 RT: 7.43 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampled :
 SB-2MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.9	53.9
54	50.3	40.9	61.3

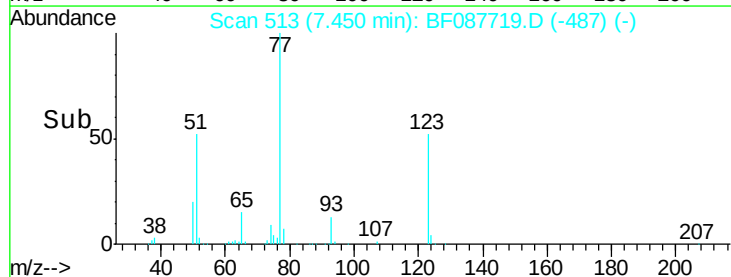
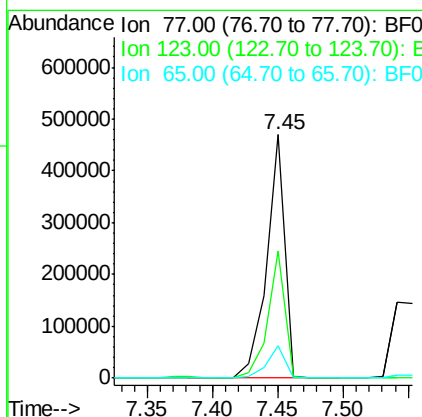
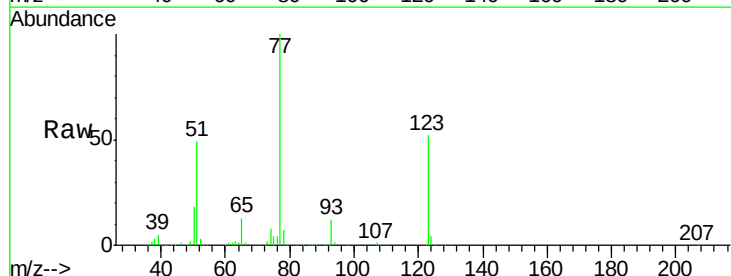
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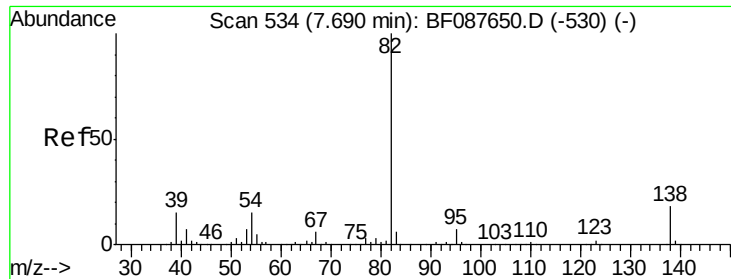
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#24
 Nitrobenzene
 Concen: 54.35 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.1	45.0	67.4
65	13.3	10.2	15.2





#25

Isophorone

Concen: 49.16 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

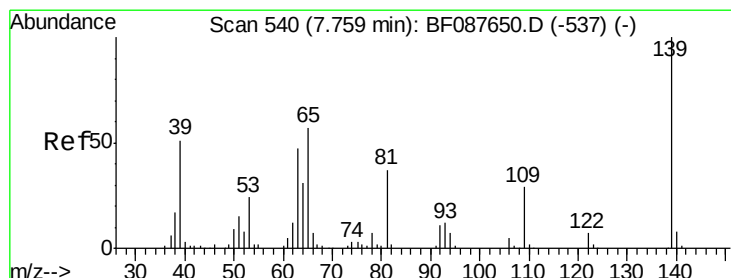
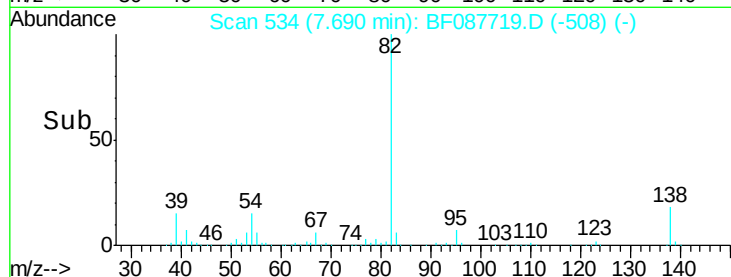
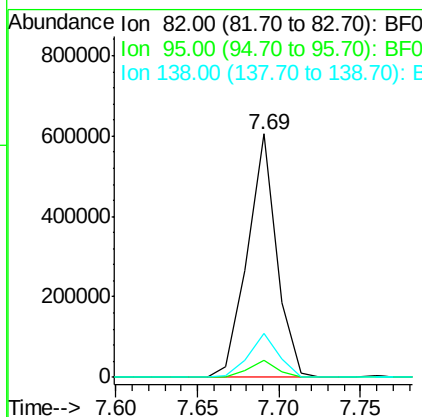
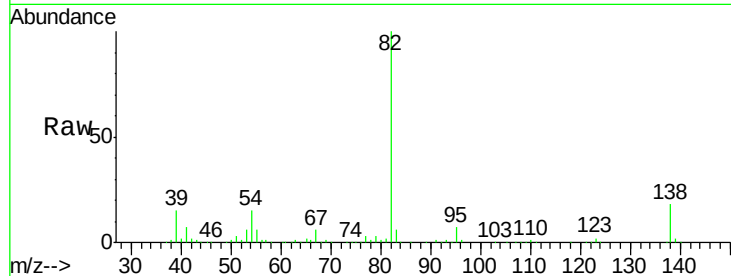
ClientSampleId :

SB-2MS

Tot Ion:	82	Resp:	747520
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	17.8	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.85 ng

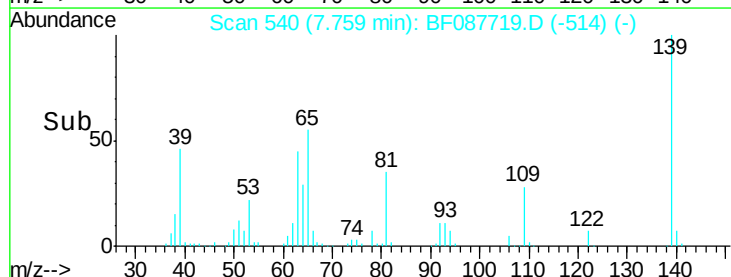
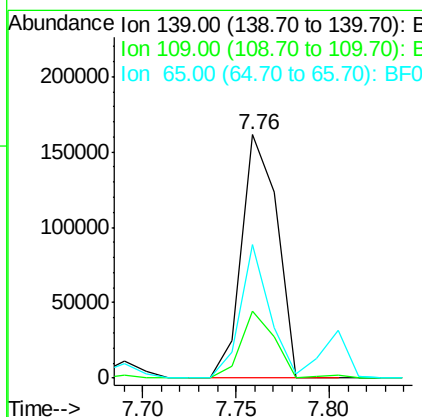
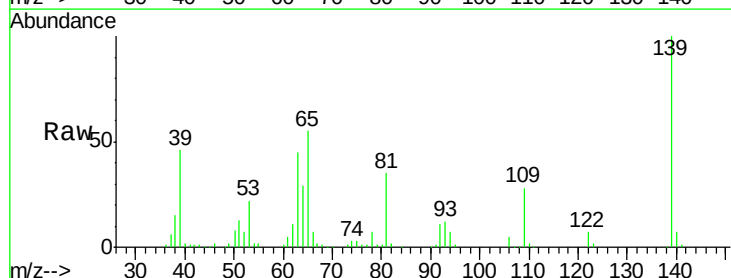
RT: 7.76 min Scan# 540

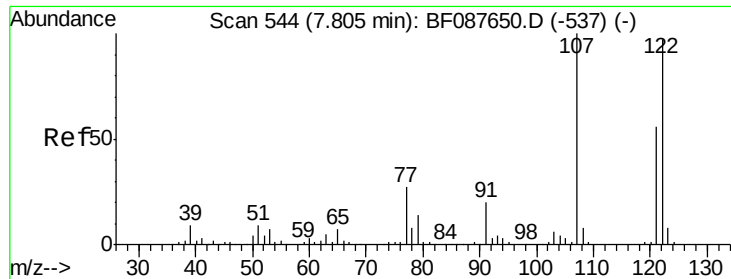
Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Tgt Ion:	139	Resp:	213027
Ion Ratio		Lower	Upper
139	100		
109	27.5	23.0	34.4
65	54.8	45.8	68.8





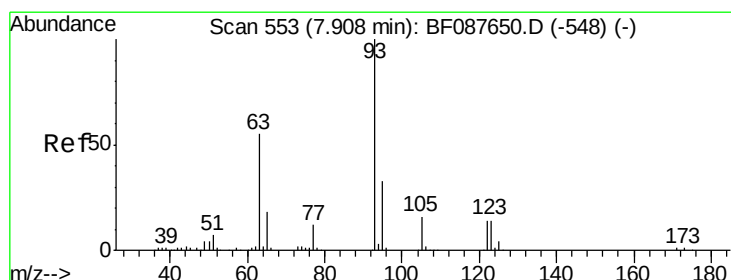
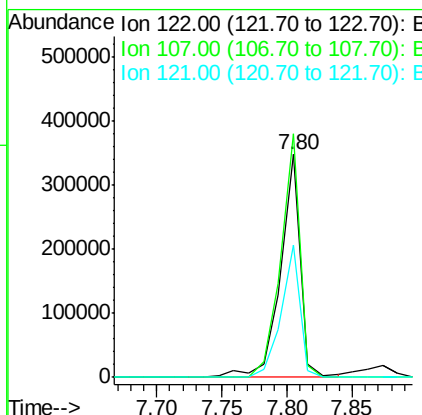
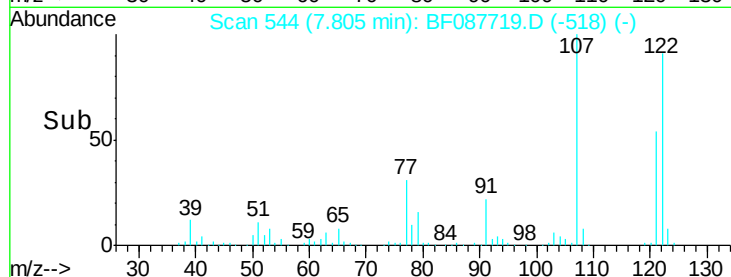
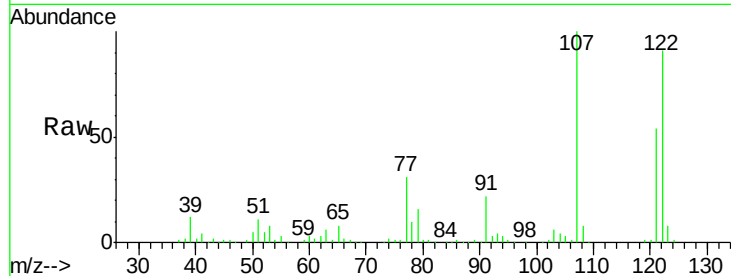
#27
 2,4-Dimethylphenol
 Concen: 46.58 ng
 RT: 7.80 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampled :
 SB-2MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	374954		
107	109.4	82.4	123.6	
121	59.3	46.3	69.5	

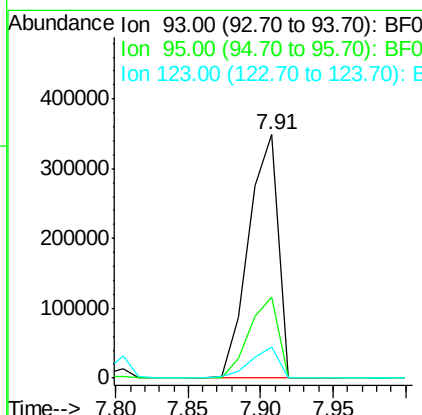
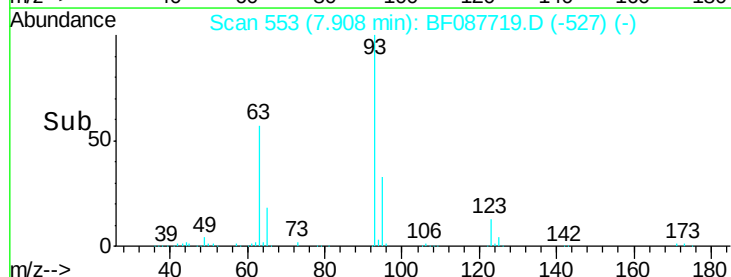
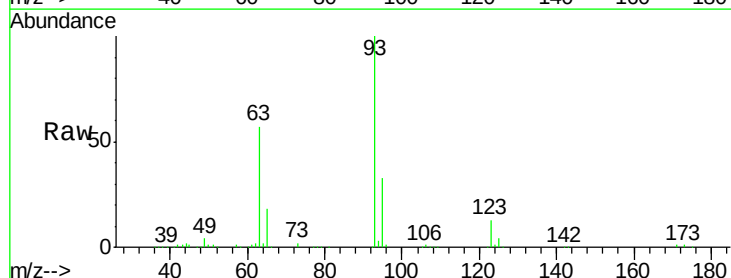
Manual Integrations
 APPROVED

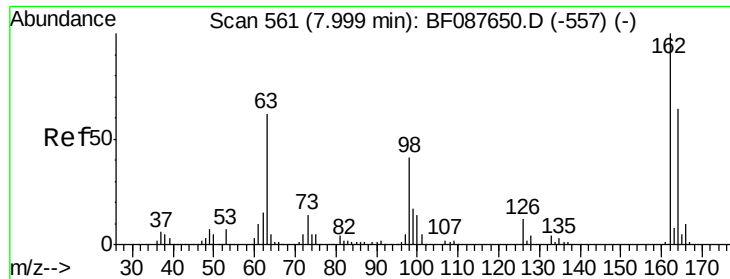
SOHIL
 6/6/2016 7:25:03 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.89 ng
 RT: 7.91 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	490817		
95	33.4	26.5	39.7	
123	12.6	11.6	17.4	





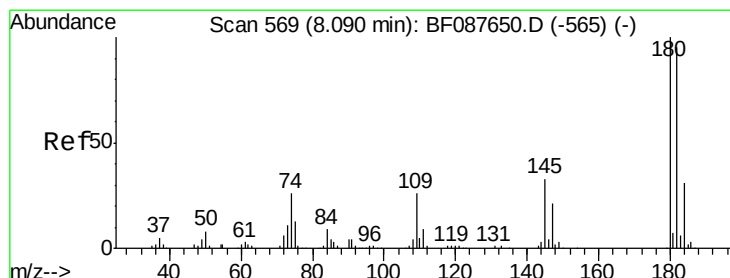
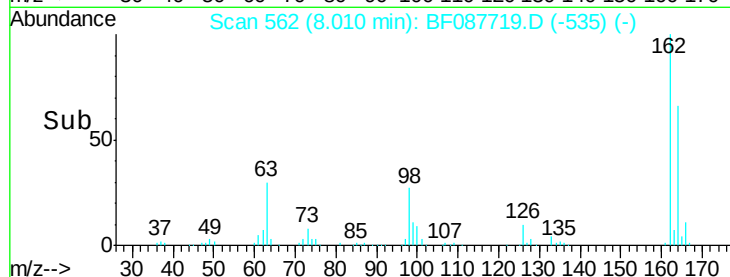
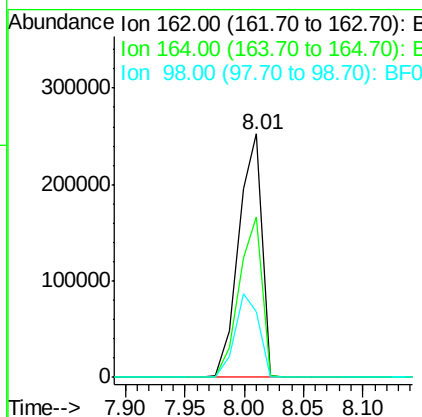
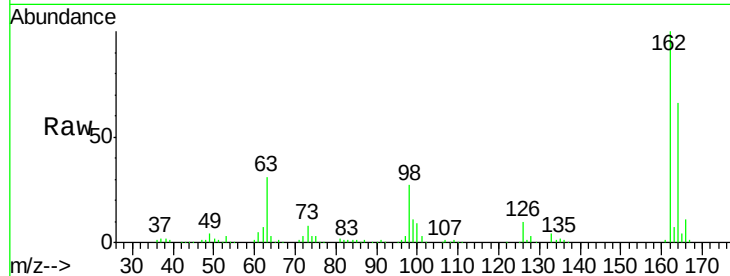
#29
2,4-Dichlorophenol
Concen: 52.02 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.0	43.8	83.8
98	26.8	21.3	61.3

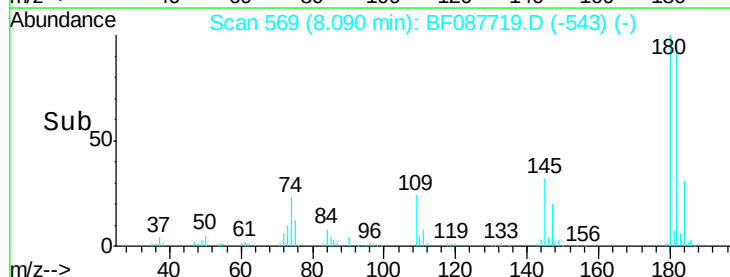
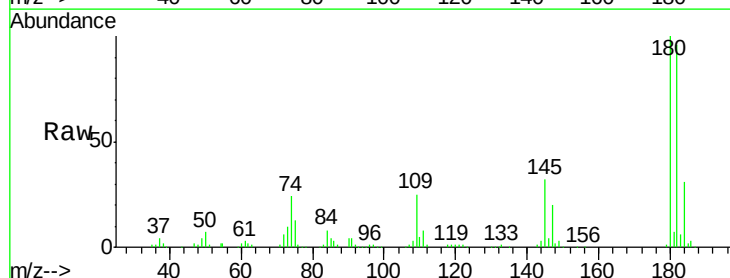
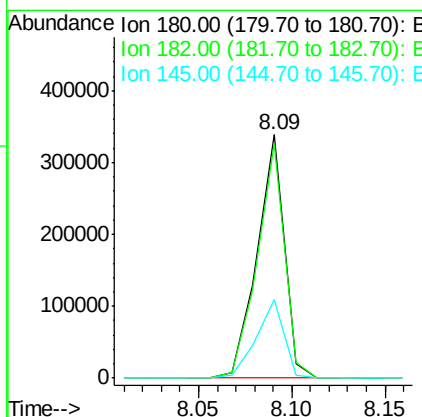
Manual Integrations
APPROVED

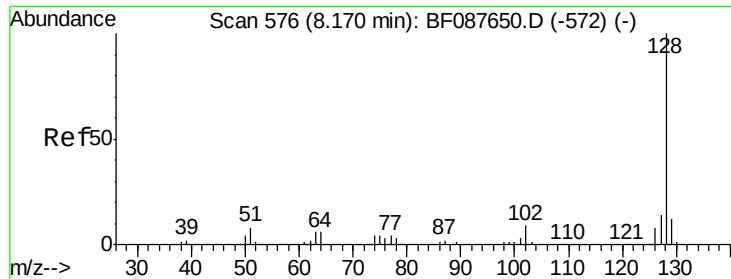
SOHIL
6/6/2016 7:25:03 PM



#30
1,2,4-Trichlorobenzene
Concen: 49.24 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.2	76.0	114.0
145	32.0	26.5	39.7





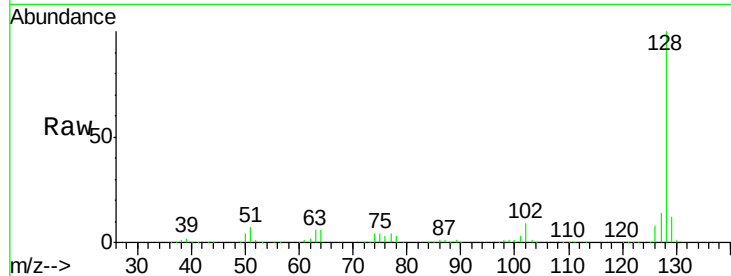
#31
Naphthalene
Concen: 47.94 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.6	10.9	16.3

Manual Integrations
APPROVED

SOHIL
6/6/2016 7:25:03 PM

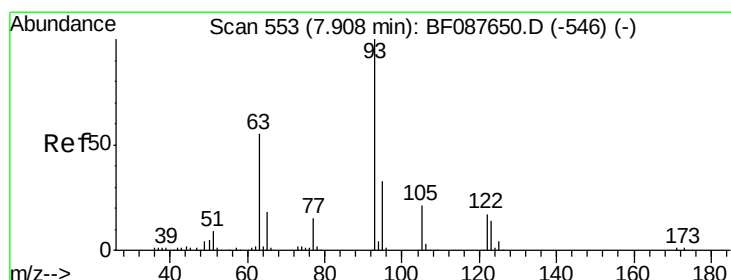
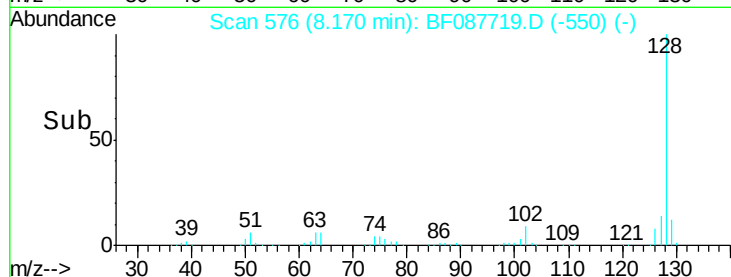
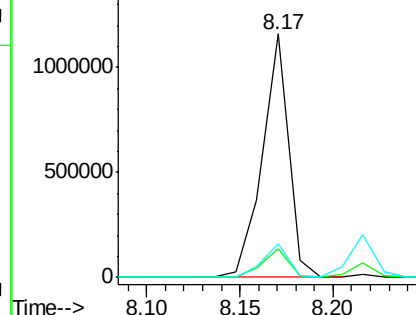


Abundance

Ion 128.00 (127.70 to 128.70): E

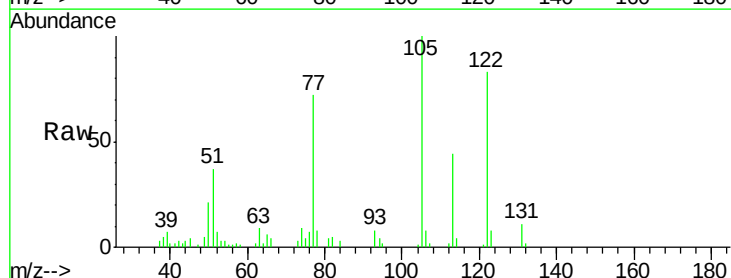
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 6.37 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	101.6	141.6
77	86.7	70.6	110.6

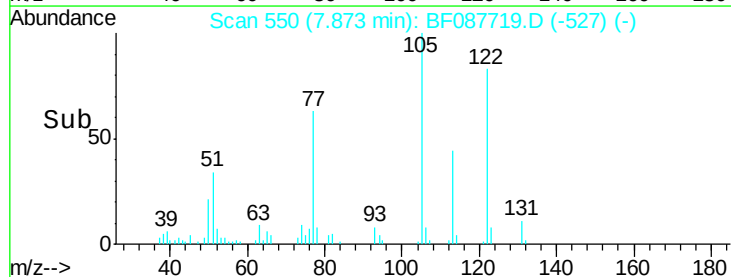
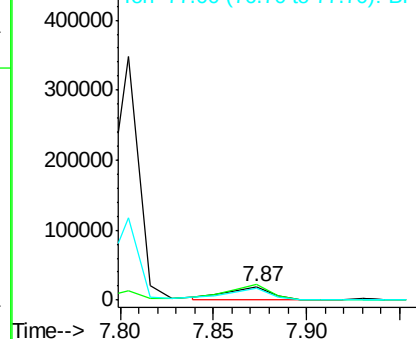


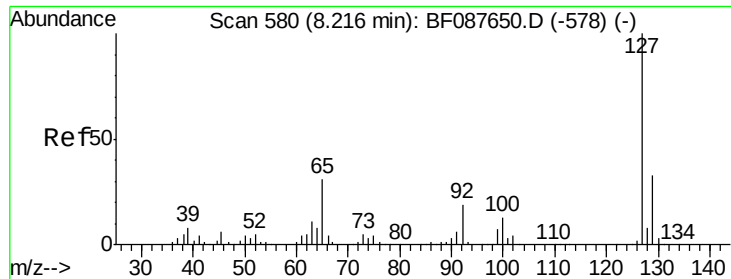
Abundance

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





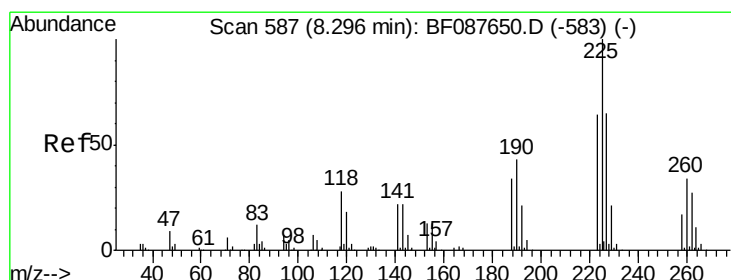
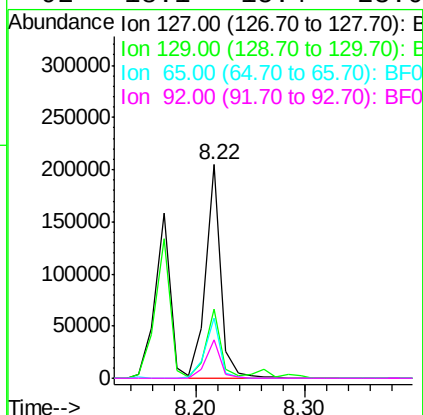
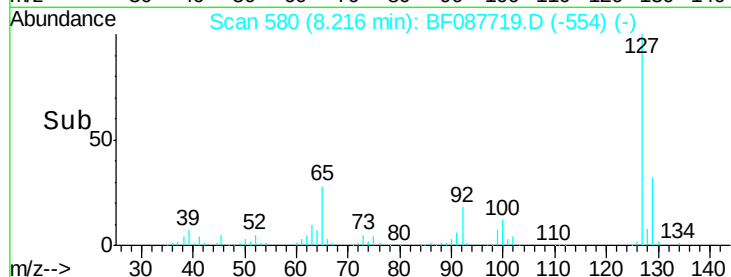
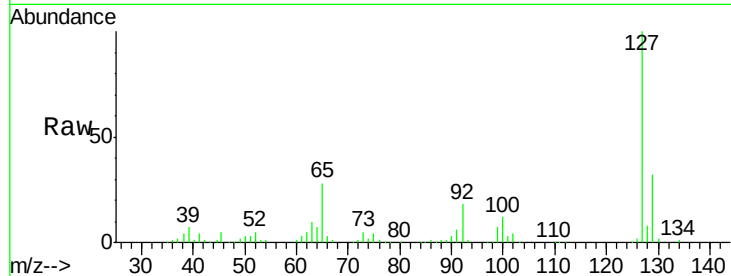
#33
4-Chloroaniline
Concen: 19.45 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		198506		
129	32.4	26.3	39.5		
65	28.2	24.7	37.1		
92	18.1	15.4	23.0		

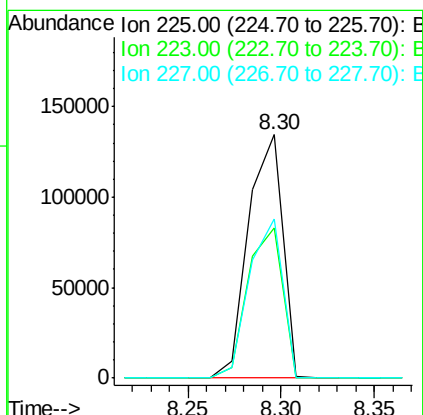
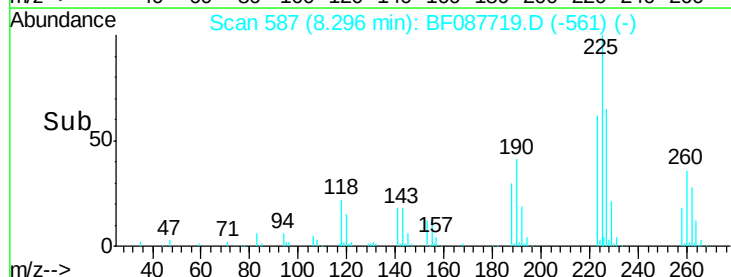
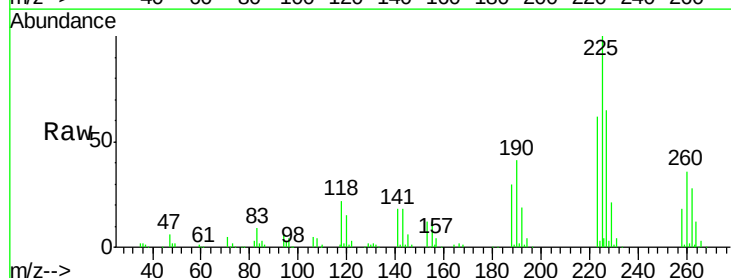
Manual Integrations
APPROVED

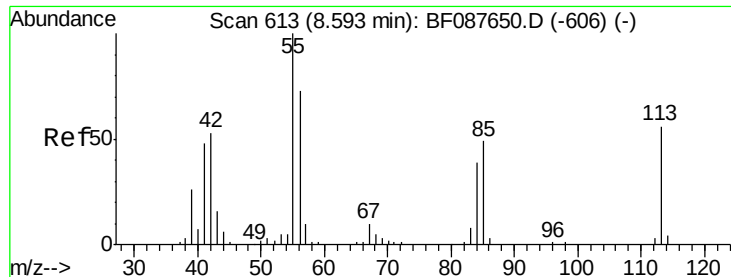
SOHIL
6/6/2016 7:25:03 PM



#34
Hexachlorobutadiene
Concen: 47.34 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		170383		
223	61.7	50.9	76.3		
227	65.2	51.9	77.9		





#35

Caprolactam

Concen: 57.16 ng/mL

RT: 8.60 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

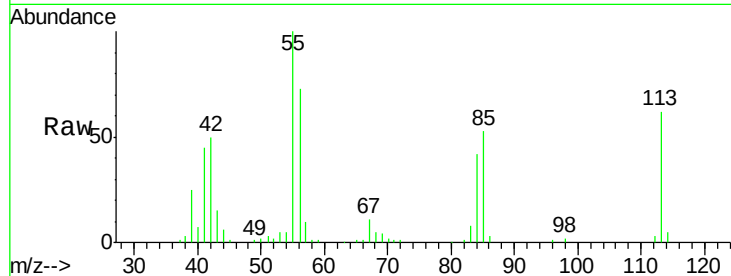
ClientSampleId :

SB-2MS

Tot Ion:	113	Resp:	124120
Ion Ratio	Lower	Upper	
113	100		
55	160.0	158.6	198.6
56	117.3	110.6	150.6

Manual Integrations
APPROVED

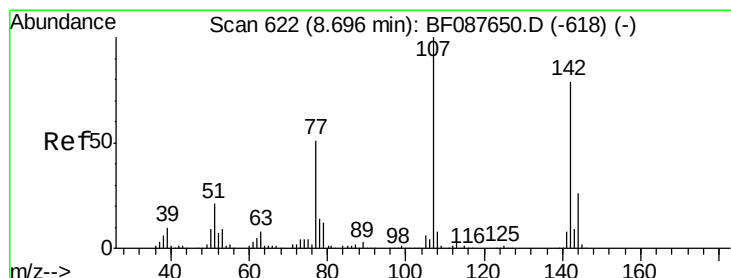
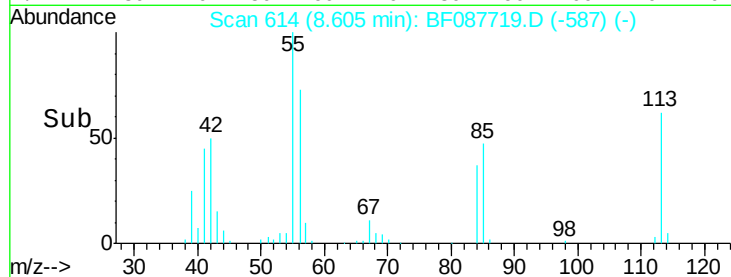
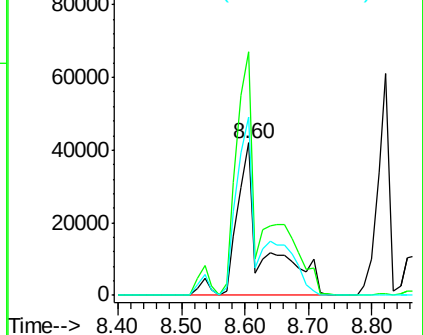
SOHIL
6/6/2016 7:25:03 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 53.27 ng/mL

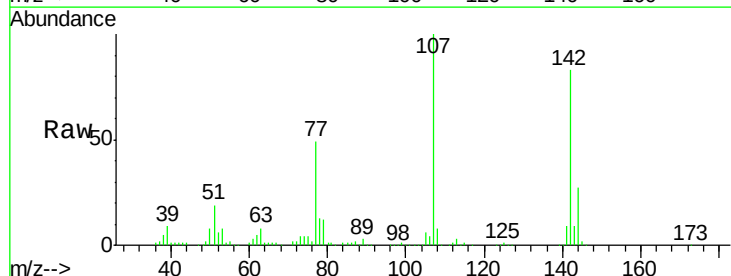
RT: 8.71 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

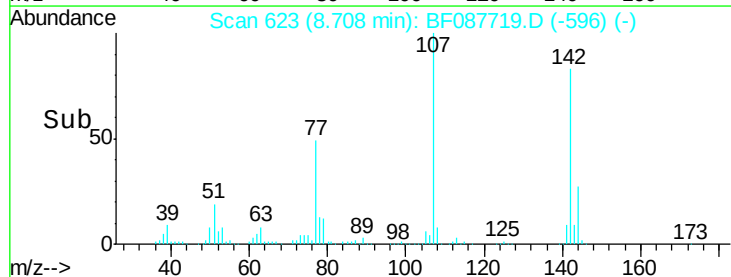
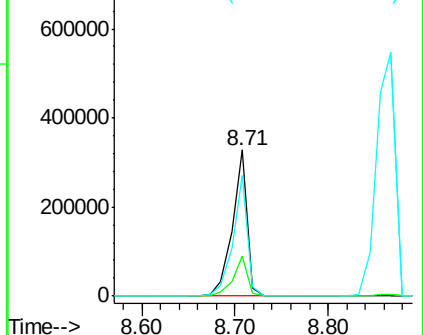
Tgt Ion:	107	Resp:	364263
Ion Ratio	Lower	Upper	
107	100		
144	27.1	20.8	31.2
142	82.8	63.4	95.2

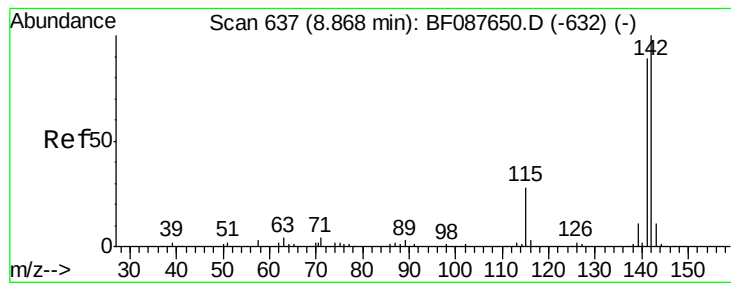


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





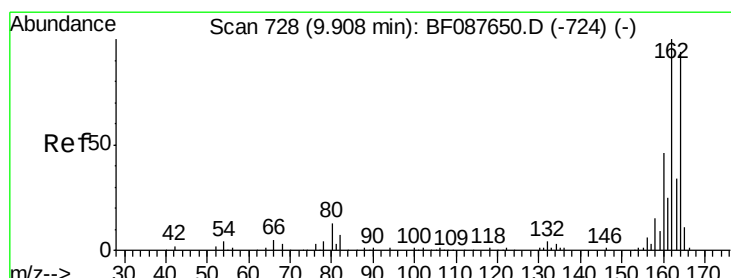
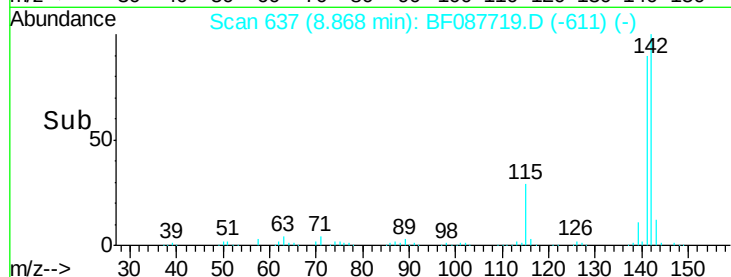
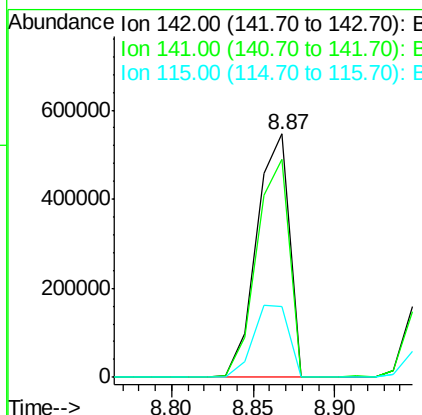
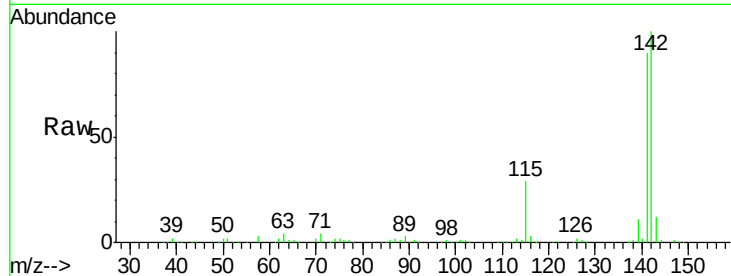
#37
2-Methylnaphthalene
Concen: 49.11 ng
RT: 8.87 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	29.3	22.6	33.8

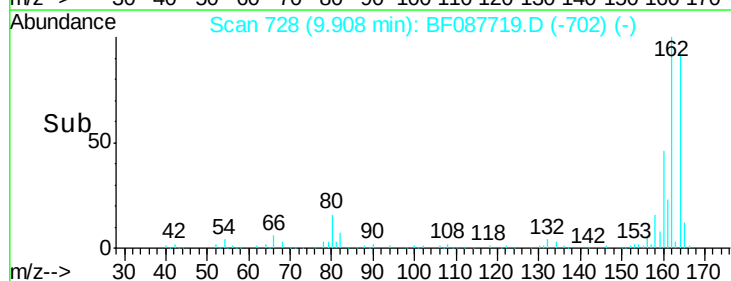
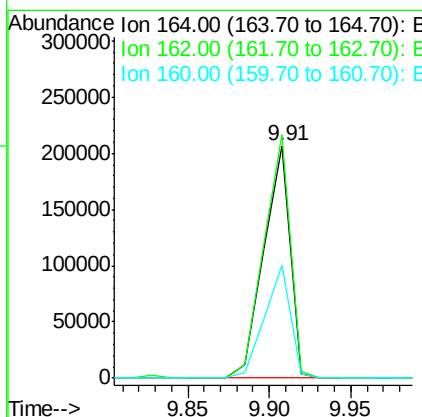
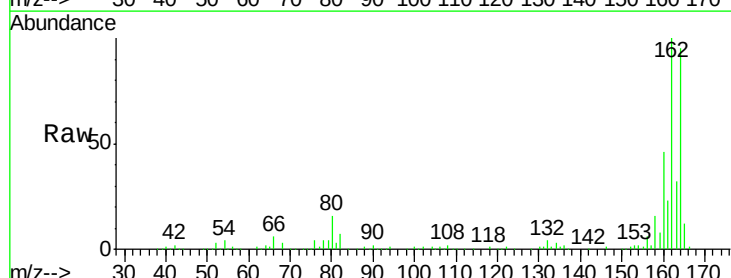
Manual Integrations
APPROVED

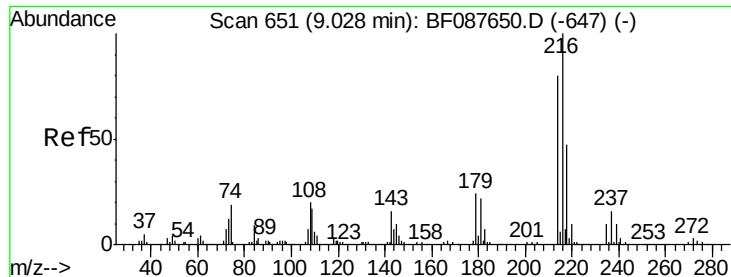
SOHIL
6/6/2016 7:25:03 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.4	128.2
160	48.4	39.5	59.3





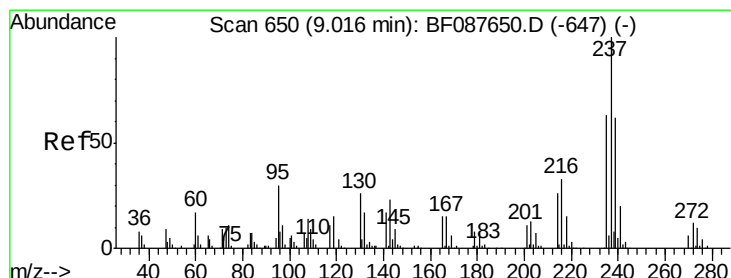
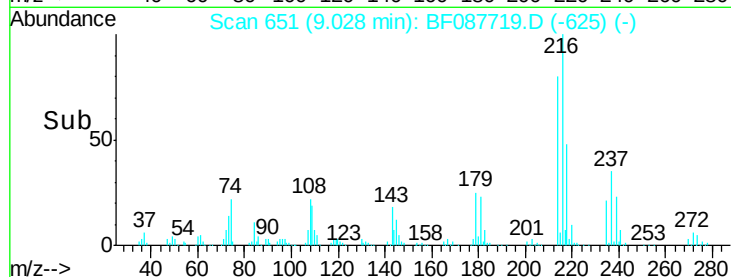
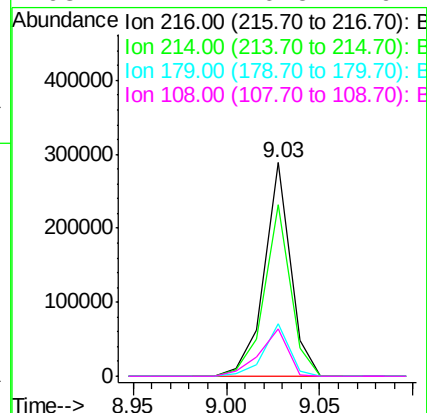
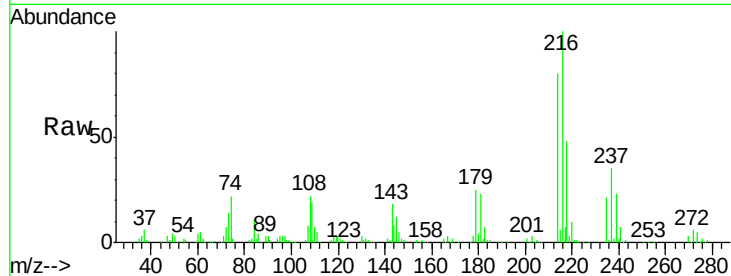
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.07 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	2.9	4.3#
179	23.4	0.0	0.0#
108	24.4	0.5	0.7#

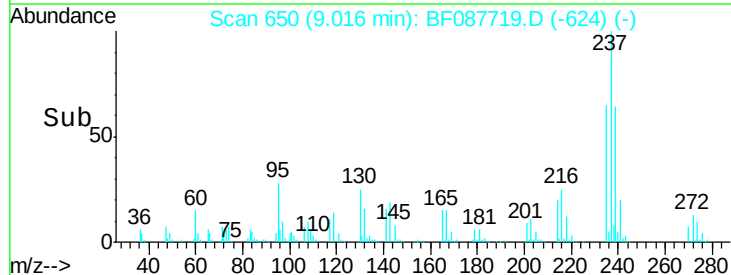
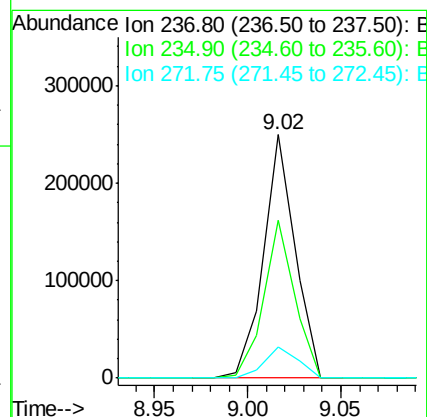
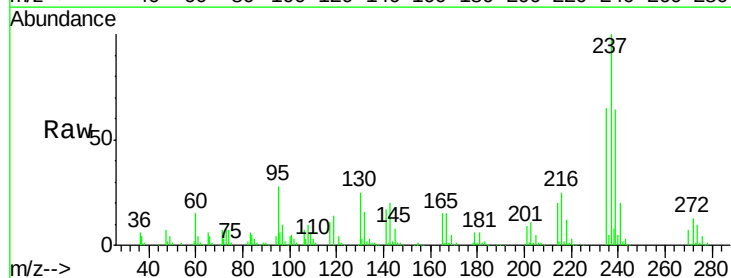
Manual Integrations
 APPROVED

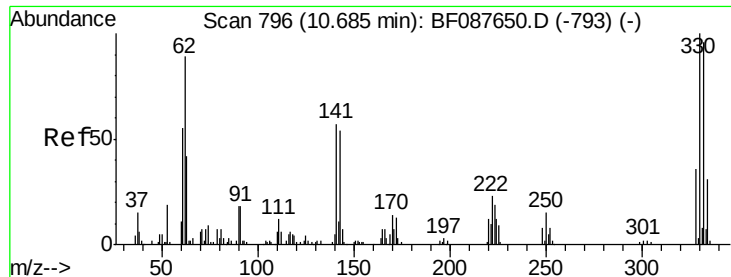
SOHIL
 6/6/2016 7:25:03 PM



#40
 Hexachlorocyclopentadiene
 Concen: 77.32 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.9	43.4	83.4
272	12.5	0.0	32.3





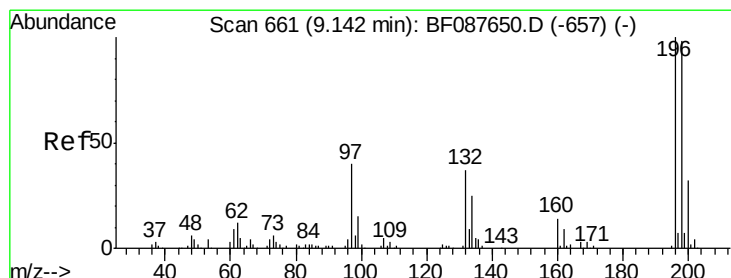
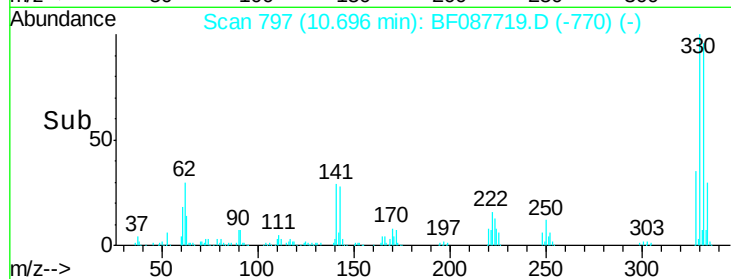
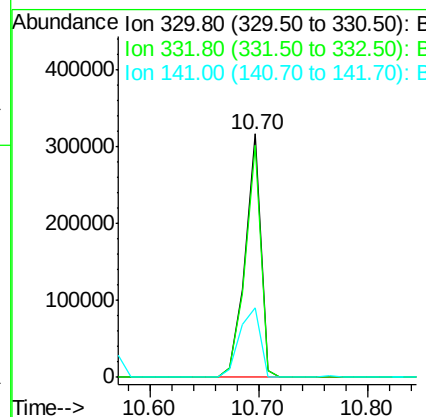
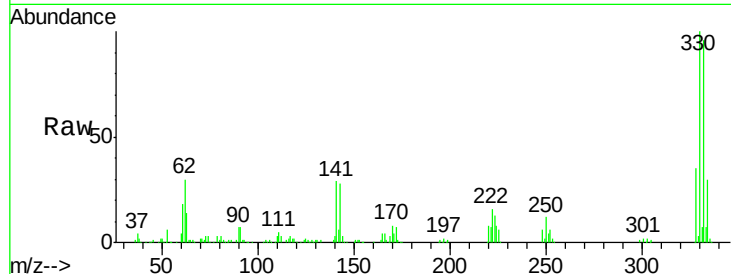
#41
 2,4,6-Tribromophenol
 Concen: 134.46 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	37.9	0.0	0.0#

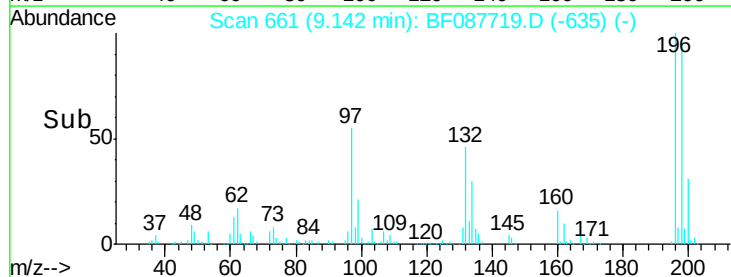
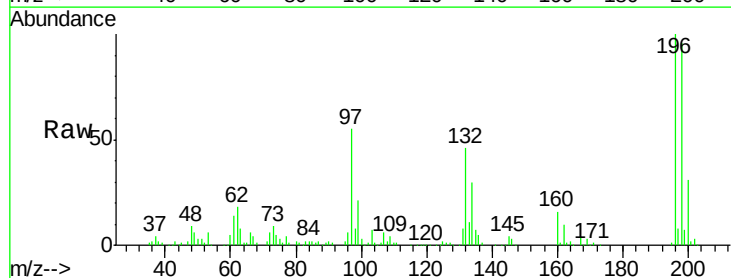
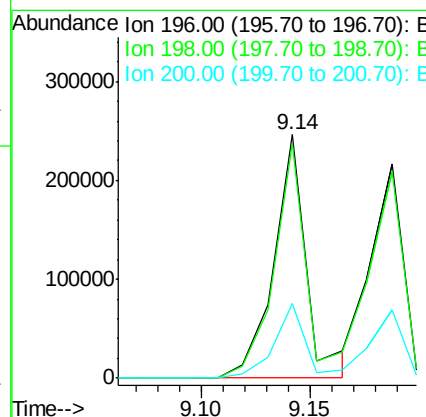
Manual Integrations
 APPROVED

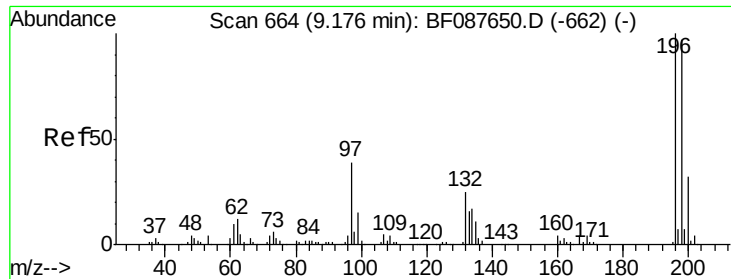
SOHIL
 6/6/2016 7:25:03 PM



#42
 2,4,6-Trichlorophenol
 Concen: 53.96 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

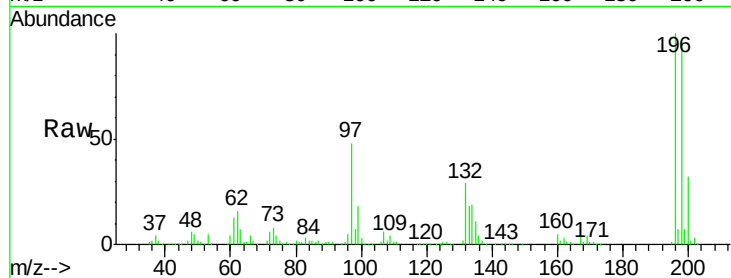
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.2	78.0	117.0
200	30.7	25.4	38.2





#43
 2,4,5-Trichlorophenol
 Concen: 50.26 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

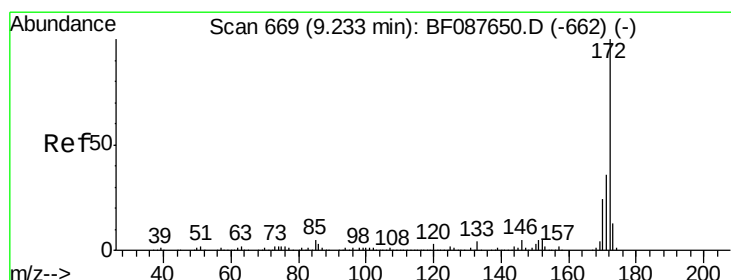
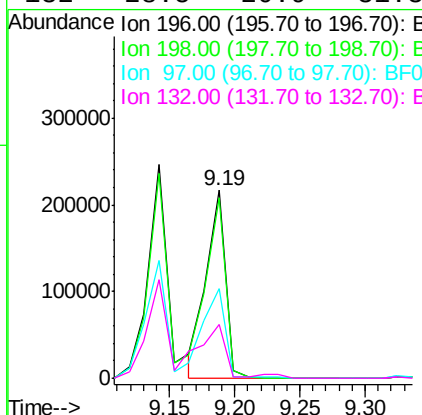
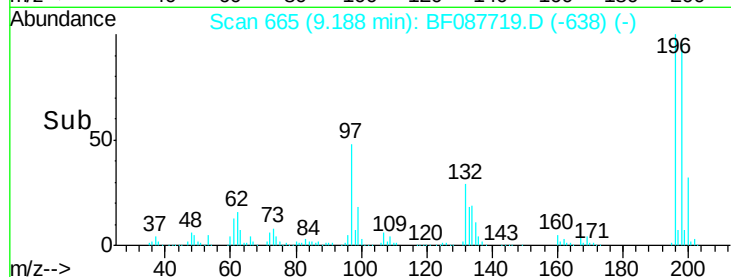
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		225580		
198	96.2		77.5	116.3	
97	47.6		32.0	48.0	
132	28.5		20.9	31.3	

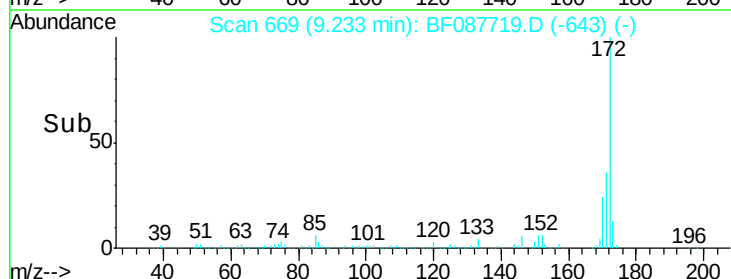
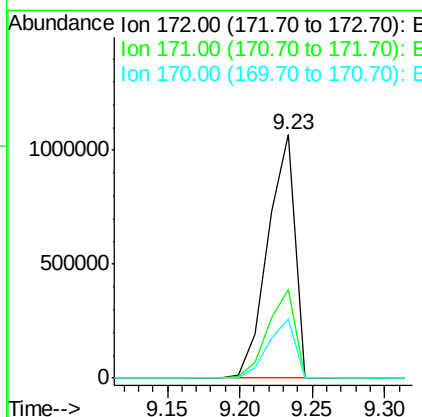
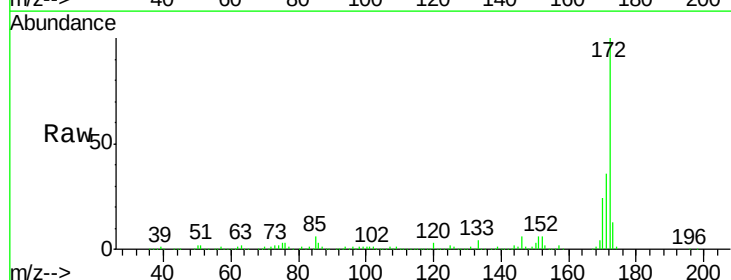
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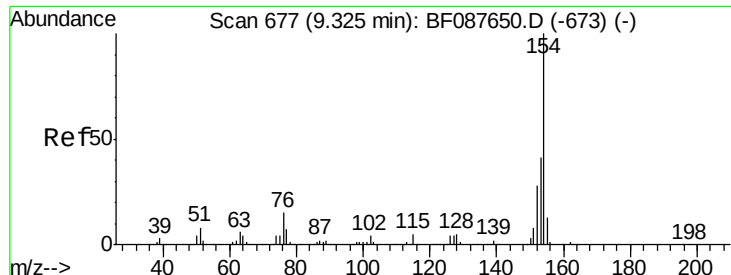
SOHIL
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#44
 2-Fluorobiphenyl
 Concen: 94.93 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1378603		
171	36.4		28.6	43.0	
170	24.4		19.2	28.8	





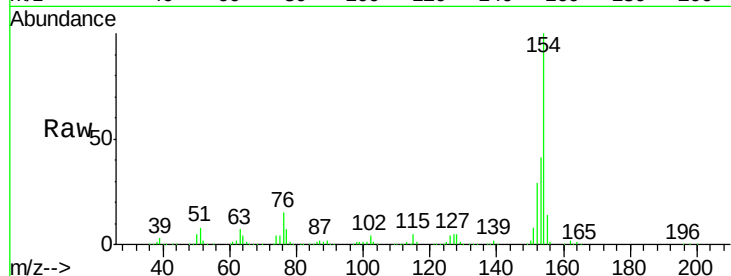
#45
 1,1'-Biphenyl
 Concen: 43.39 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampled :
 SB-2MS

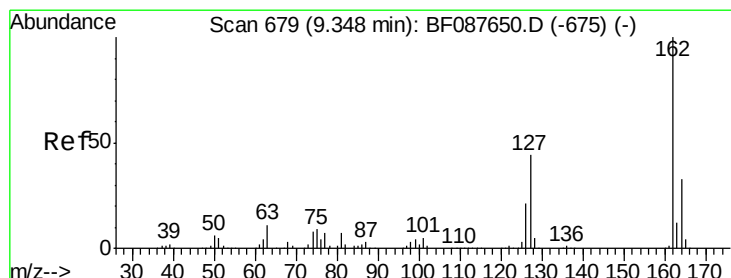
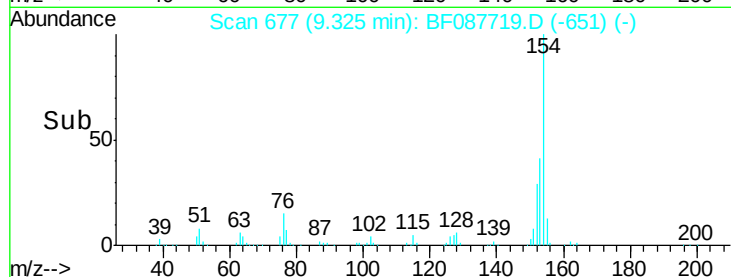
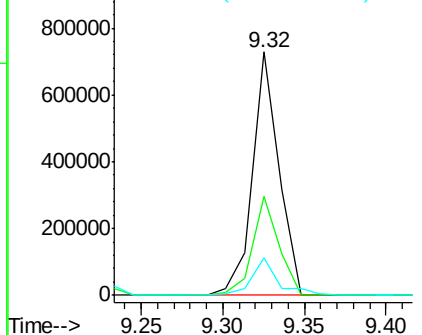
Tot Ion:	154	Resp:	816000
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	15.3	0.0	35.1

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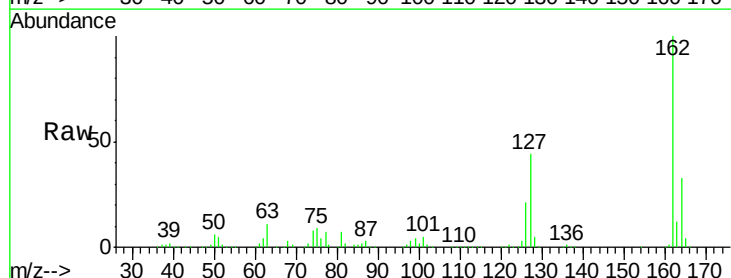


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

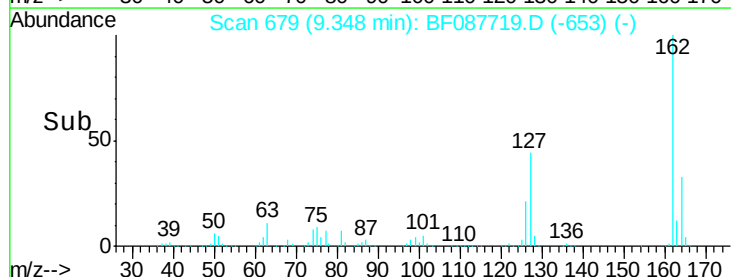
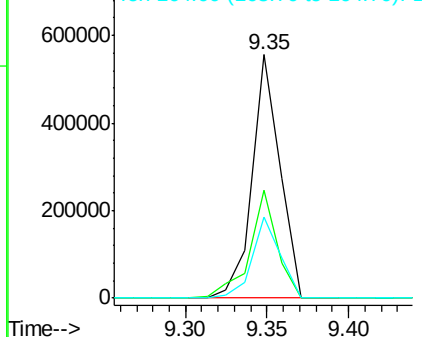


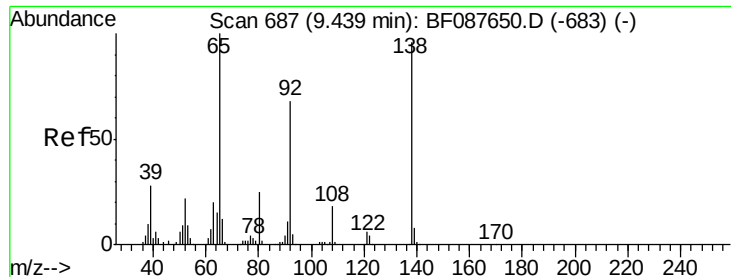
#46
 2-Chloronaphthalene
 Concen: 43.85 ng
 RT: 9.35 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion:	162	Resp:	656495
Ion Ratio	Lower	Upper	
162	100		
127	44.2	35.2	52.8
164	33.0	26.6	39.8



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: 56.82 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

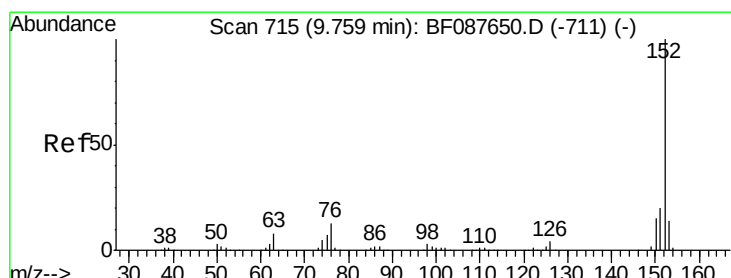
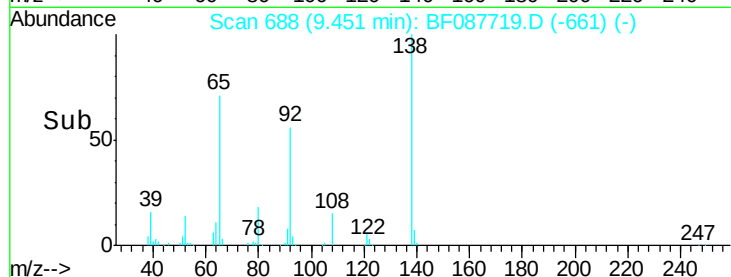
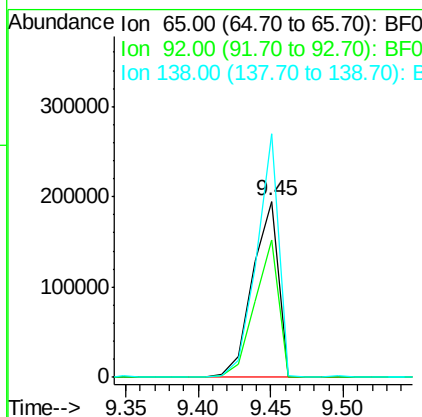
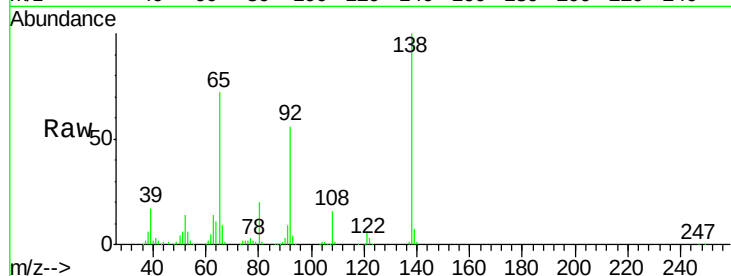
ClientSampleId :

SB-2MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.9	54.6	82.0
138	138.4	77.0	115.4

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#48

Acenaphthylene

Concen: 50.33 ng

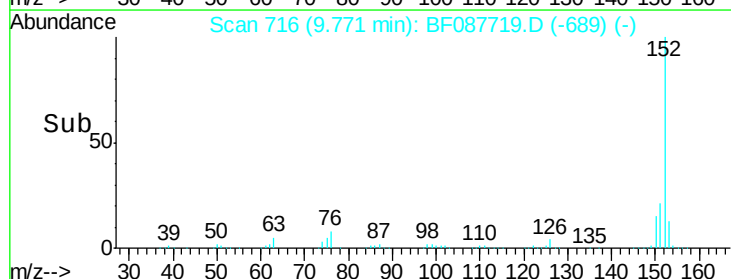
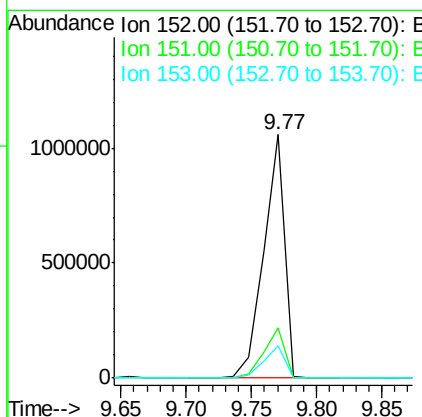
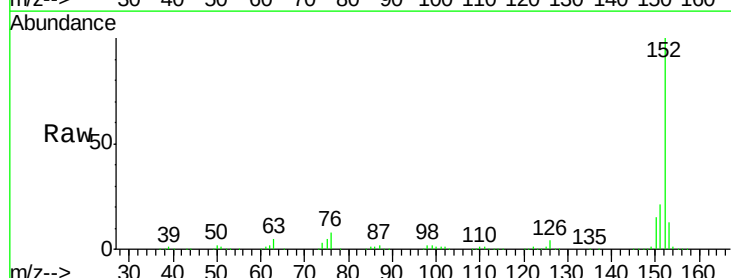
RT: 9.77 min Scan# 716

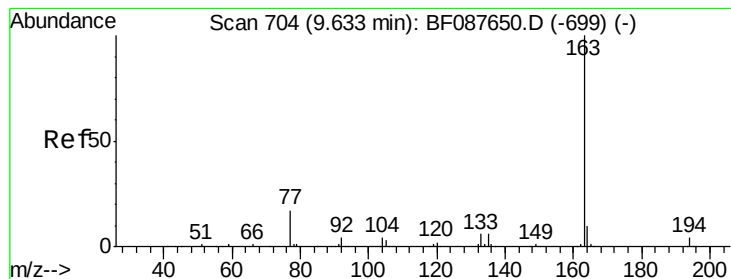
Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	13.5	11.0	16.6





#49

Dimethylphthalate

Concen: 51.21 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

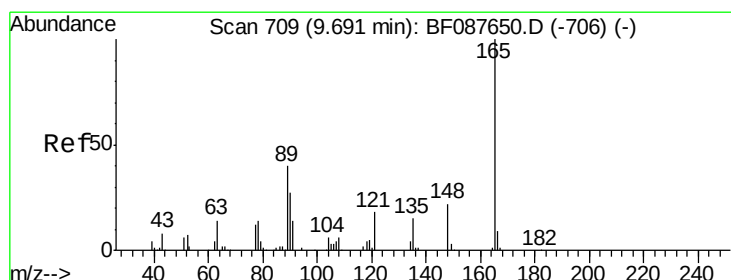
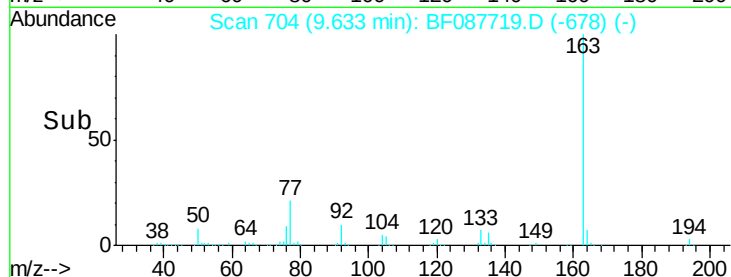
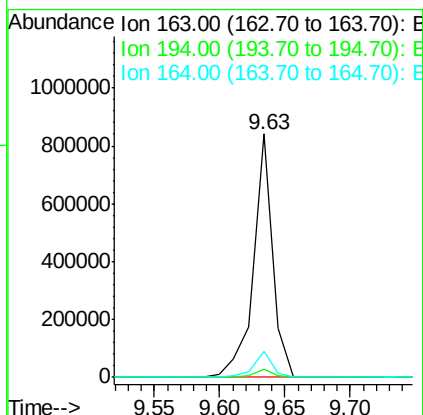
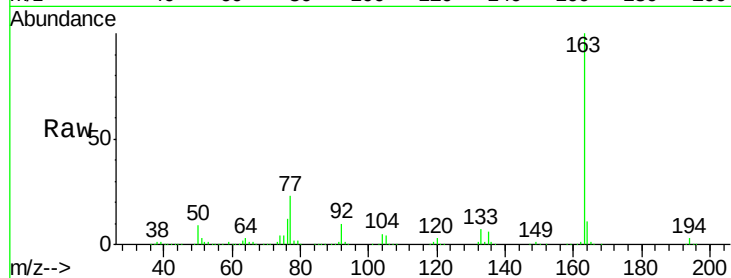
ClientSampleId :

SB-2MS

Tot Ion:	163	Resp:	862639
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.8	4.2
164	10.8	8.3	12.5

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 47.50 ng

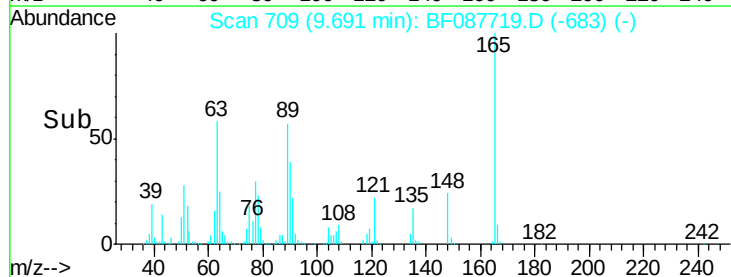
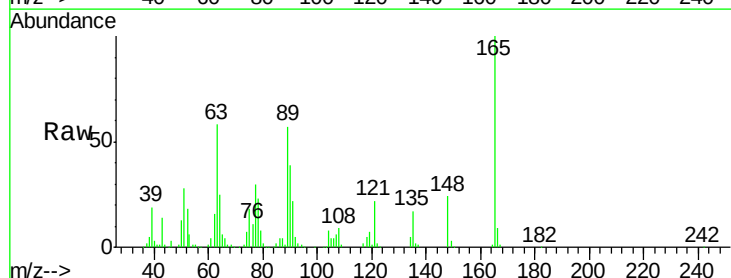
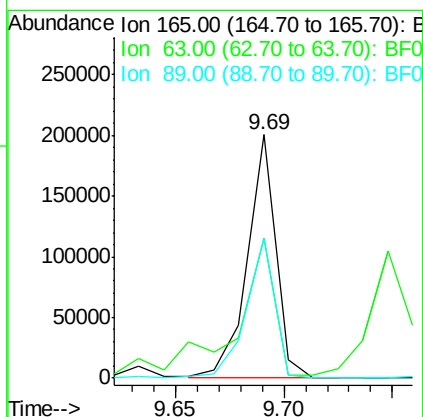
RT: 9.69 min Scan# 709

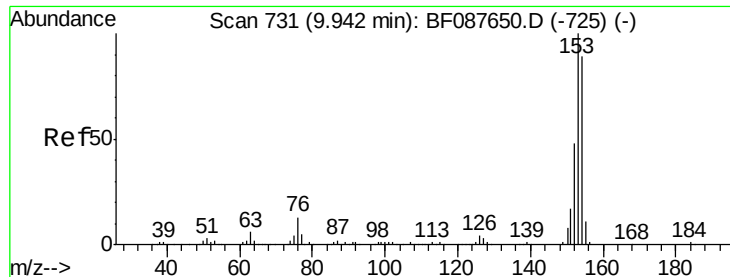
Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Tgt Ion:	165	Resp:	182070
Ion Ratio	Lower	Upper	
165	100		
63	57.6	28.1	42.1#
89	57.4	32.2	48.2#





#51

Acenaphthene

Concen: 48.26 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

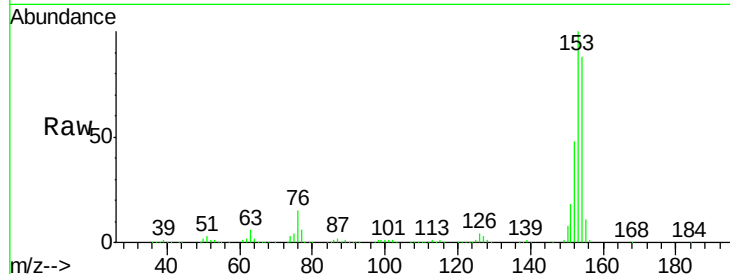
ClientSampleId :

SB-2MS

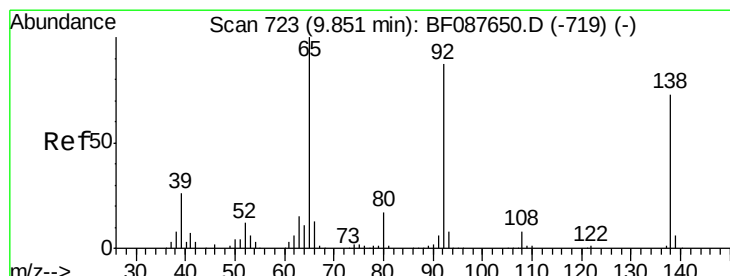
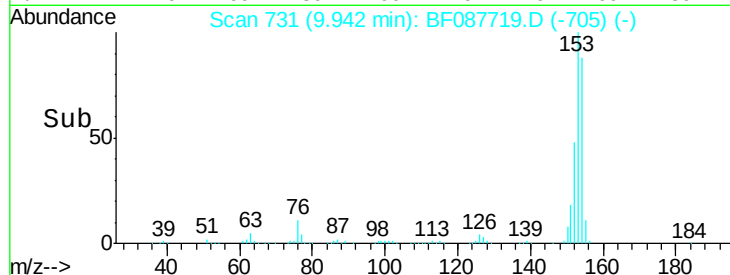
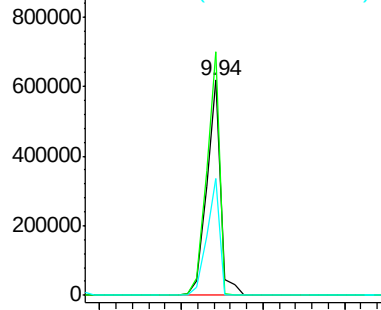
Tot Ion:	154	Resp:	724885
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.5	134.3
152	54.1	42.7	64.1

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



#52

3-Nitroaniline

Concen: 31.77 ng

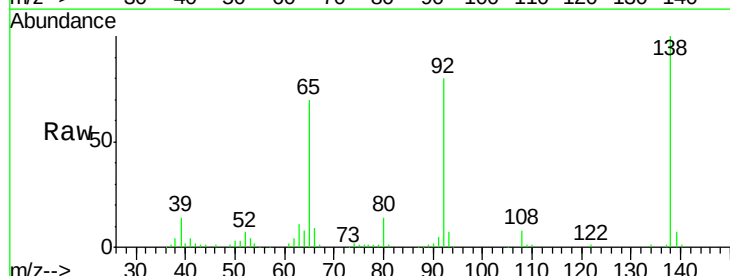
RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

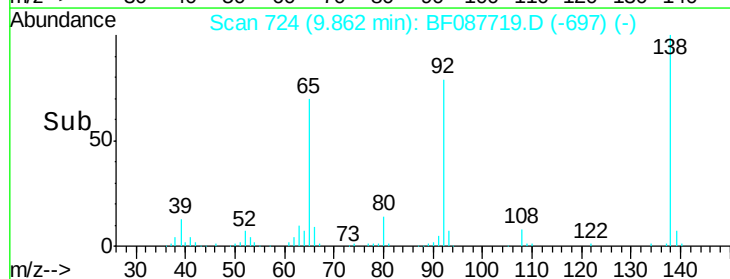
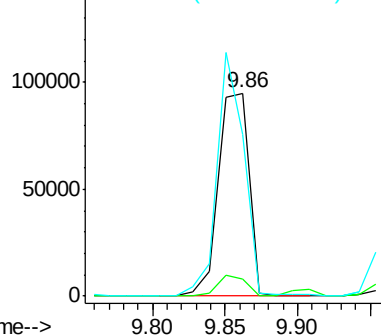
Lab File: BF087719.D

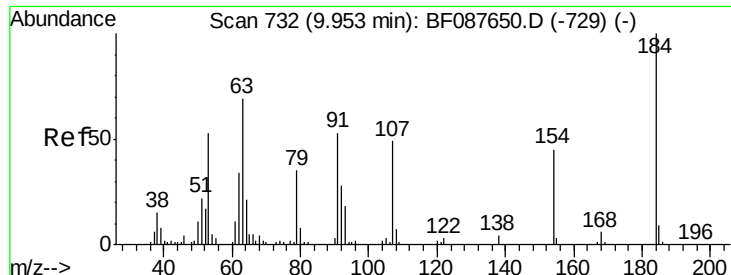
Acq: 5 Jun 2016 20:52

Tgt Ion:	138	Resp:	139288
Ion Ratio	Lower	Upper	
138	100		
108	8.2	8.5	12.7#
92	79.5	95.7	143.5#



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





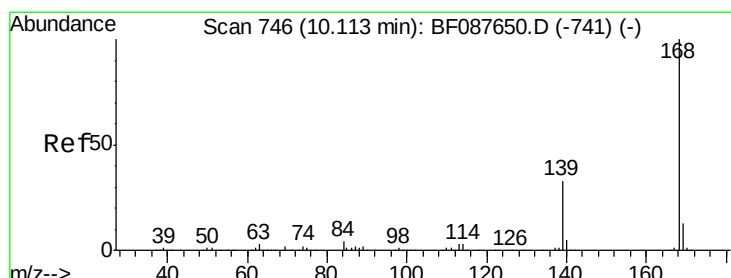
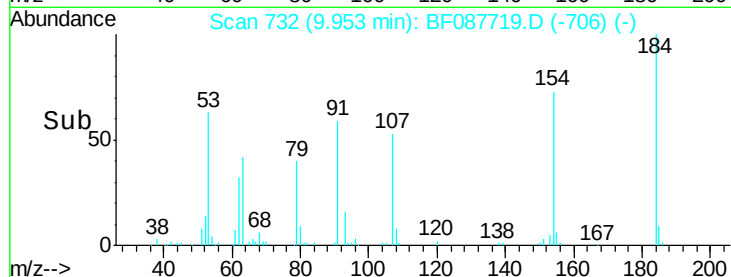
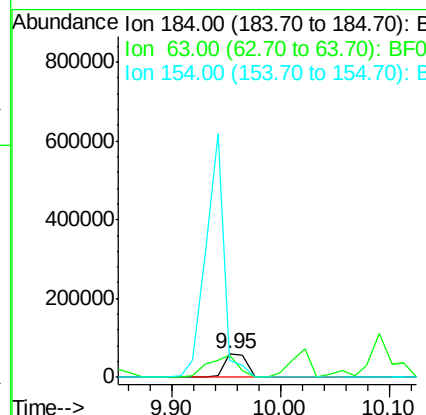
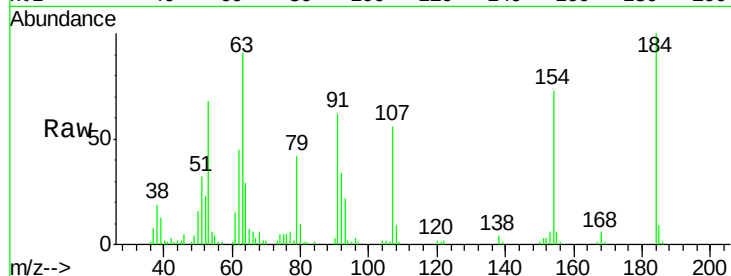
#53
 2,4-Dinitrophenol
 Concen: 51.02 ng
 RT: 9.95 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampled :
 SB-2MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	91.1	57.6	86.4#
154	73.3	53.5	80.3

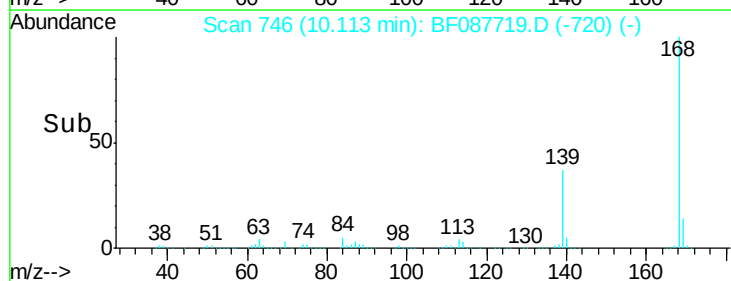
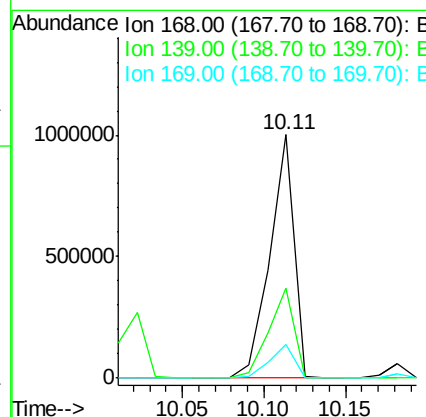
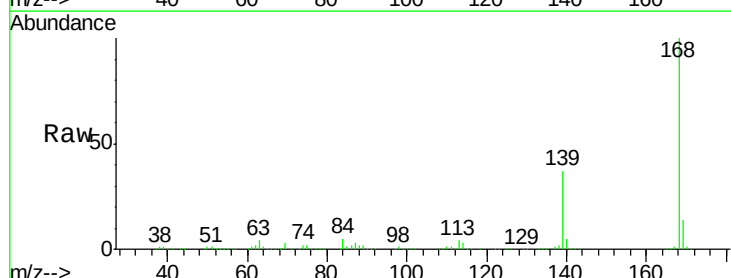
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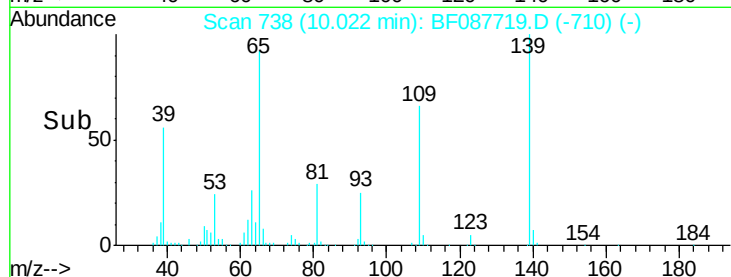
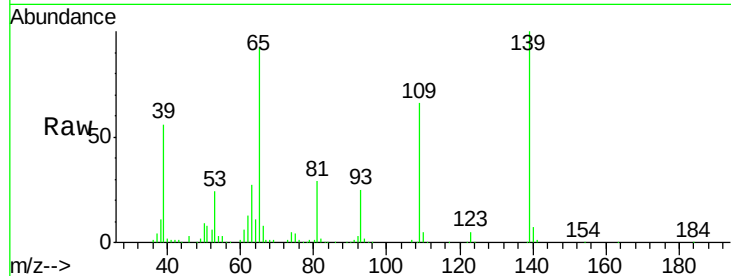
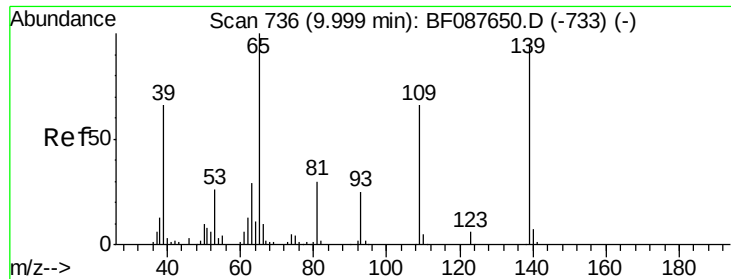
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#54
 Dibenzofuran
 Concen: 50.76 ng
 RT: 10.11 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	26.4	39.6
169	13.6	10.4	15.6





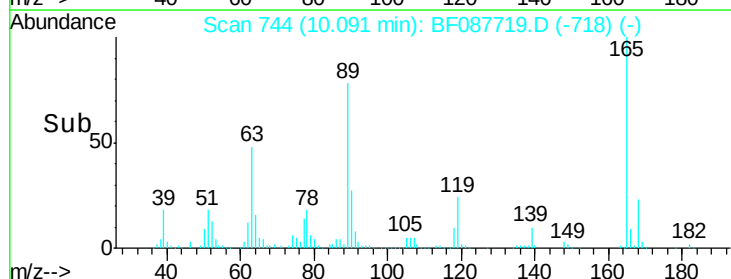
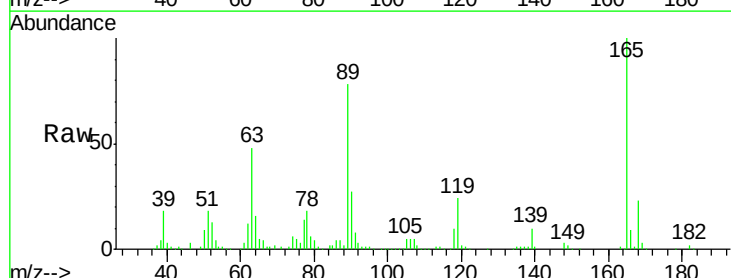
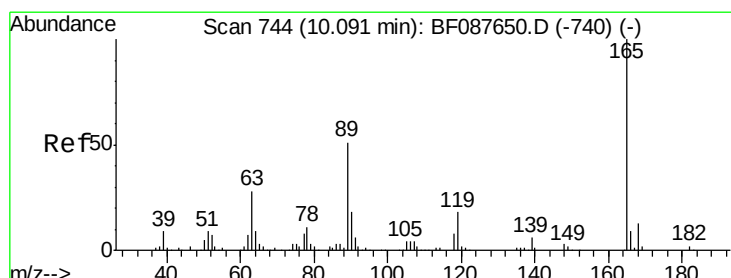
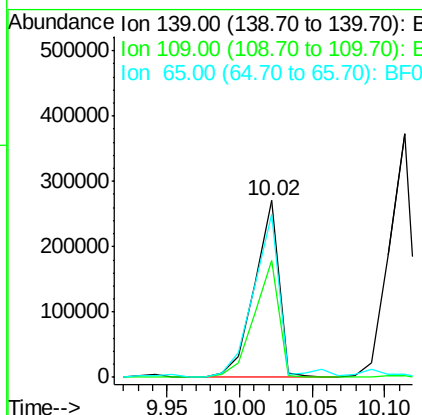
#55
4-Nitrophenol
Concen: 84.66 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.02 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tot Ion	Ratio	Resp	Lower	Upper
139	100	317203		
109	66.3	48.9	88.9	
65	92.1	84.9	124.9	

Instrument :
BNA_F
ClientSampled :
SB-2MS

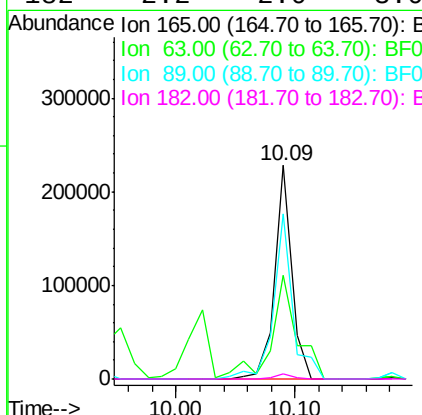
Manual Integrations
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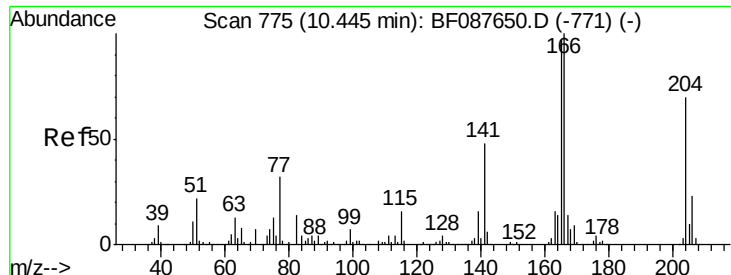
SOHIL
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#56
2,4-Dinitrotoluene
Concen: 46.76 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	228208		
63	48.5	22.0	33.0#	
89	77.6	41.1	61.7#	
182	2.2	2.0	3.0	





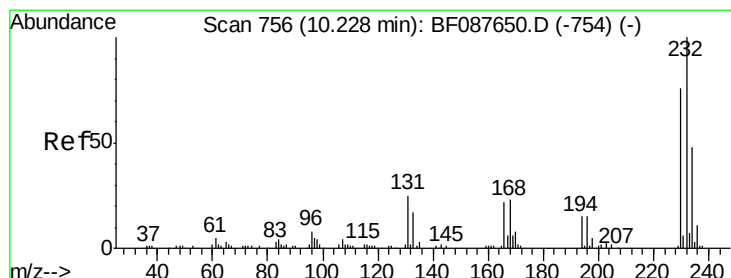
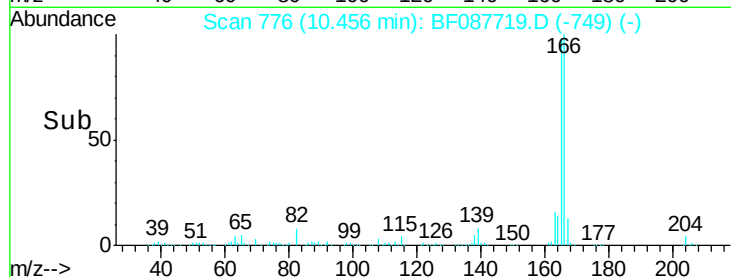
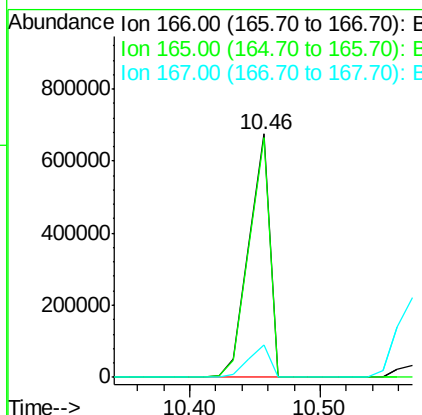
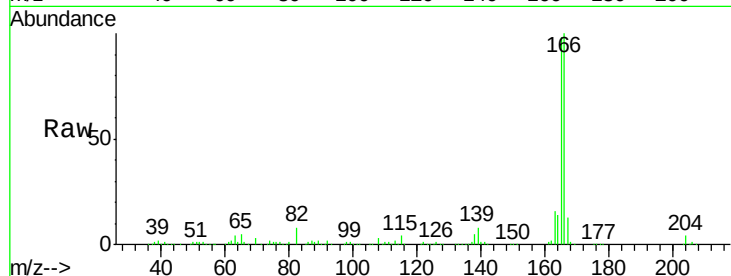
#57
Fluorene
 Concen: 47.16 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.8
167	13.1	11.2	16.8

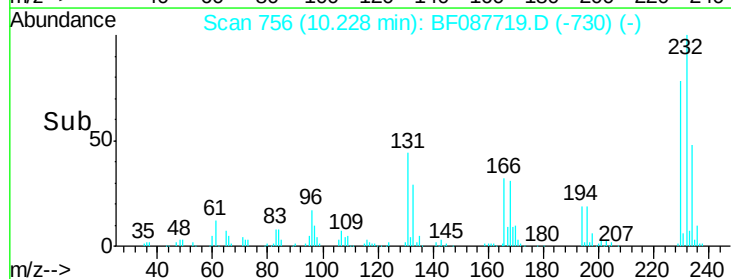
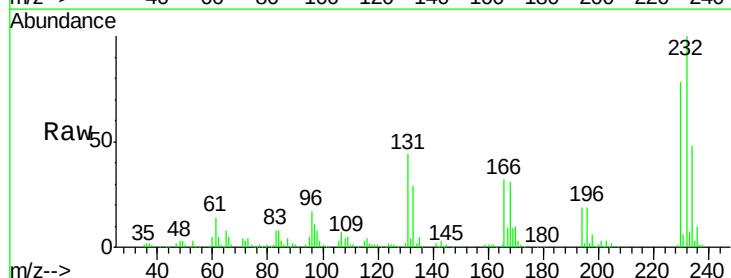
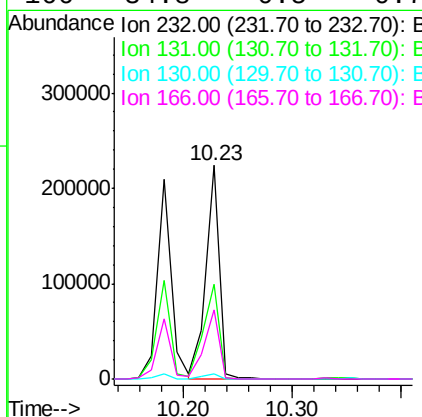
Manual Integrations
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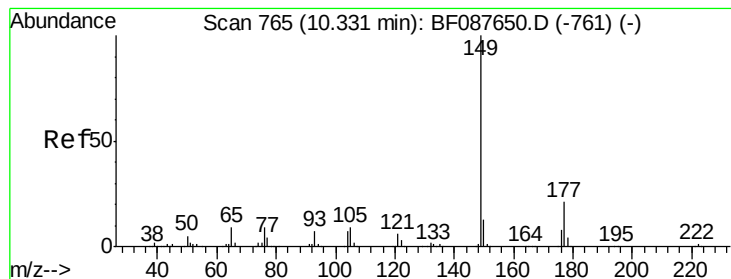
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.67 ng
 RT: 10.23 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.3	0.9	1.3#
130	2.6	1.5	2.3#
166	34.8	0.5	0.7#





#59

Diethylphthalate

Concen: 44.62 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

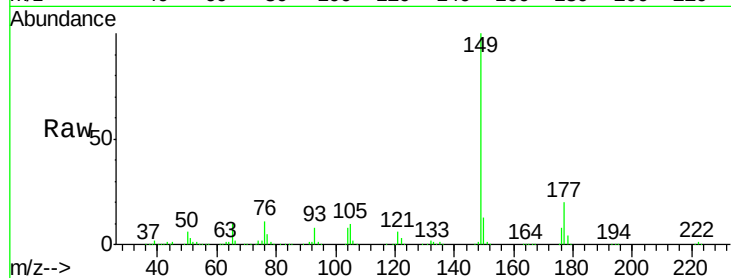
ClientSampleId :

SB-2MS

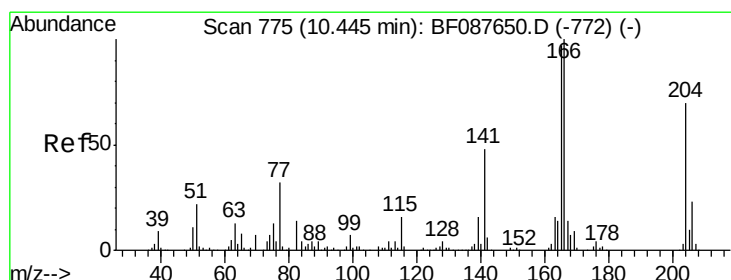
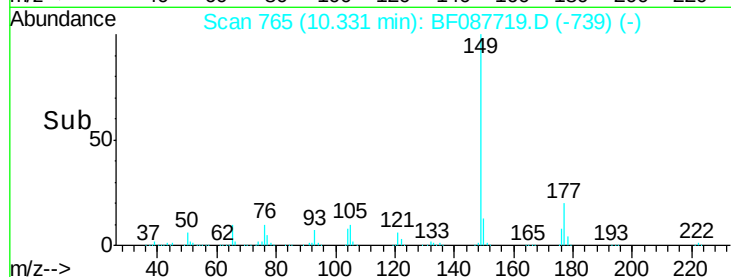
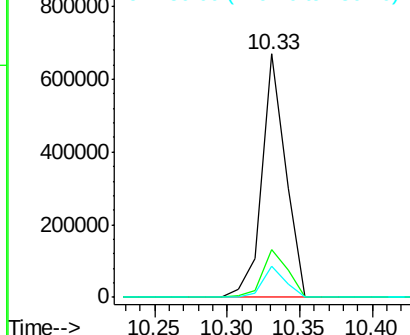
Tot Ion:	149	Resp:	754922
Ion Ratio	Lower	Upper	
149	100		
177	19.9	16.9	25.3
150	12.9	10.1	15.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 51.09 ng

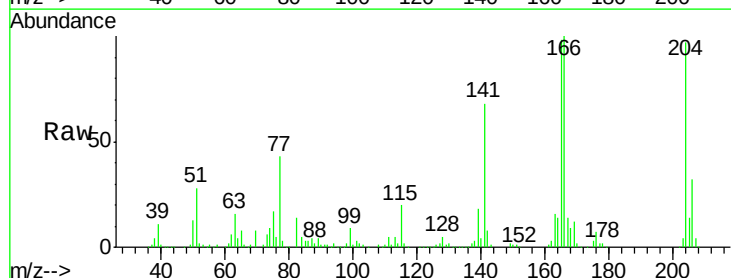
RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

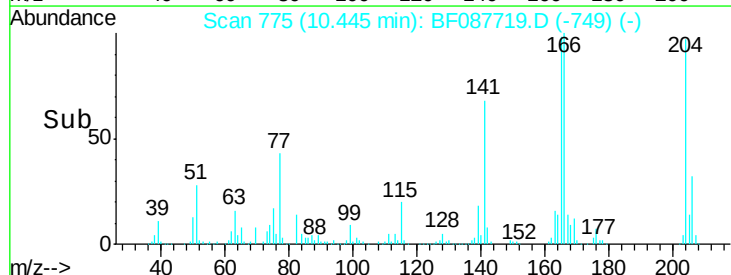
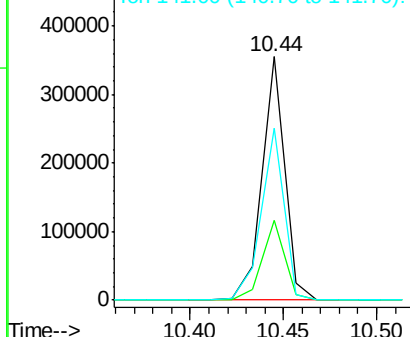
Lab File: BF087719.D

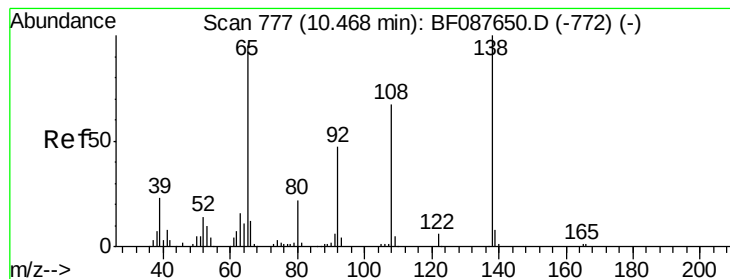
Acq: 5 Jun 2016 20:52

Tgt Ion:	204	Resp:	296953
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.3	39.5
141	70.6	55.0	82.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





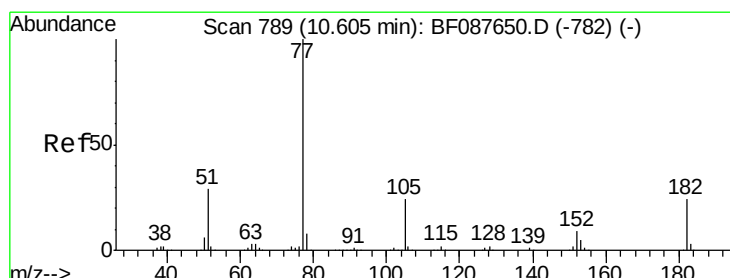
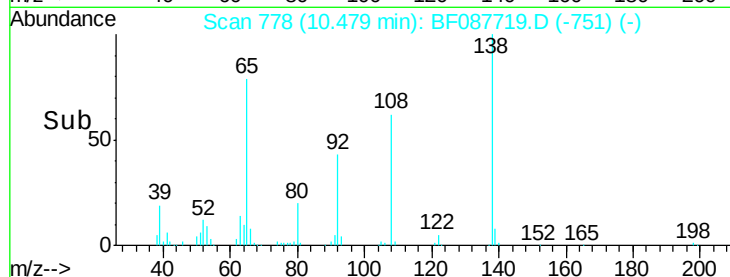
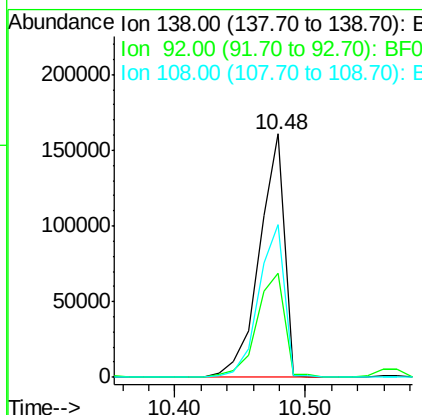
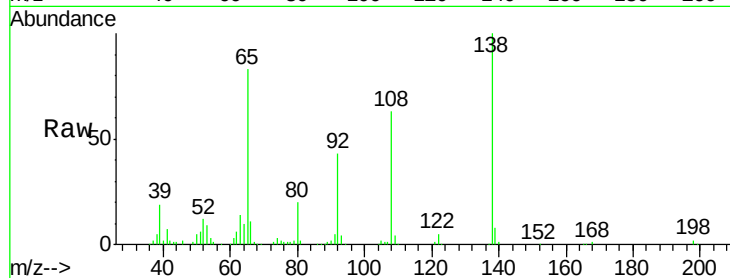
#61
4-Nitroaniline
Concen: 50.96 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.9	27.3	67.3
108	62.9	46.7	86.7

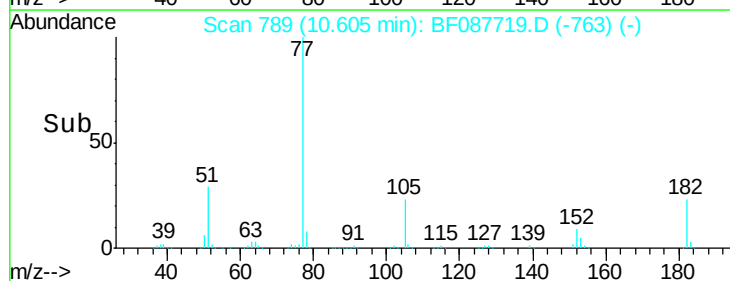
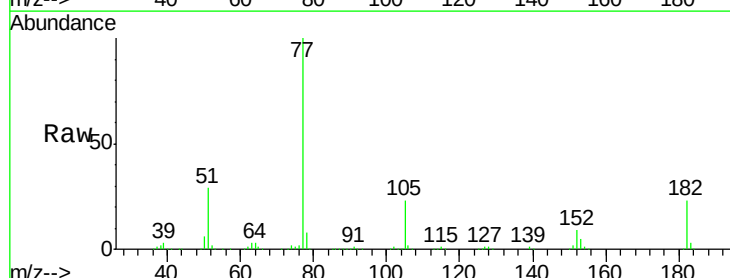
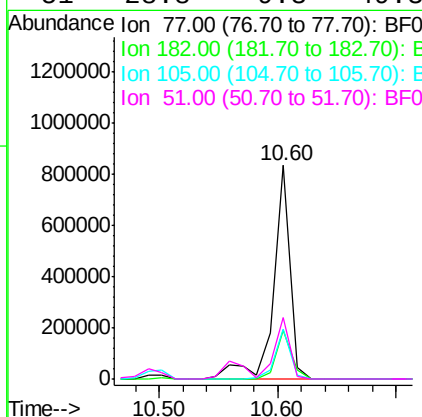
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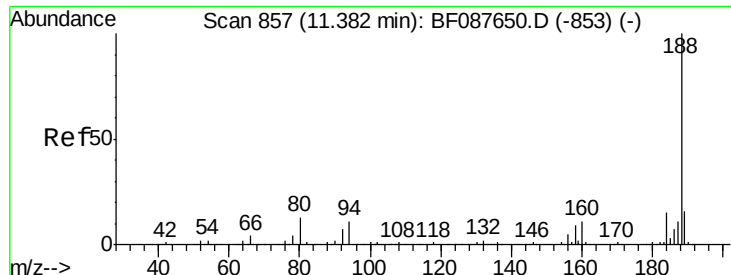
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#62
Azobenzene
Concen: 47.83 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.8	4.4	44.4
105	23.4	3.8	43.8
51	28.8	9.3	49.3





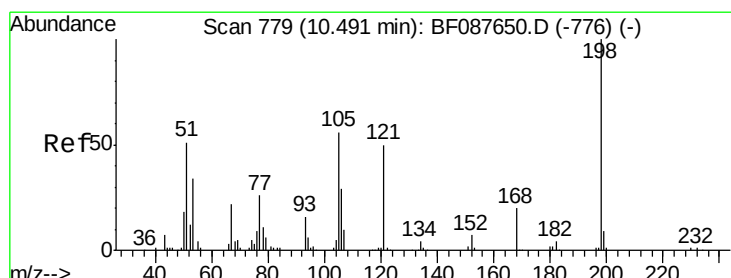
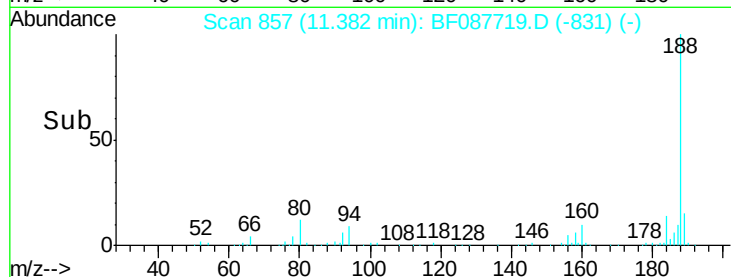
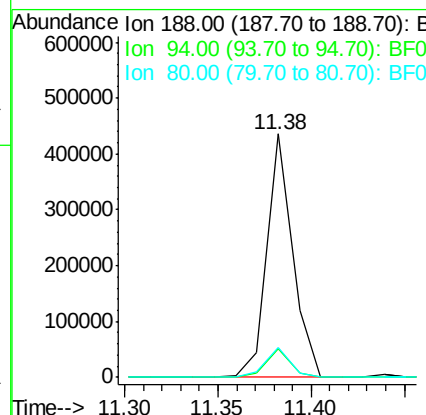
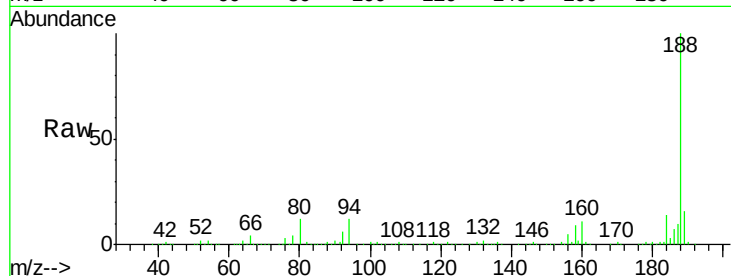
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampled :
SB-2MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	414116		
94	11.8		9.0	13.6
80	12.3		10.0	15.0

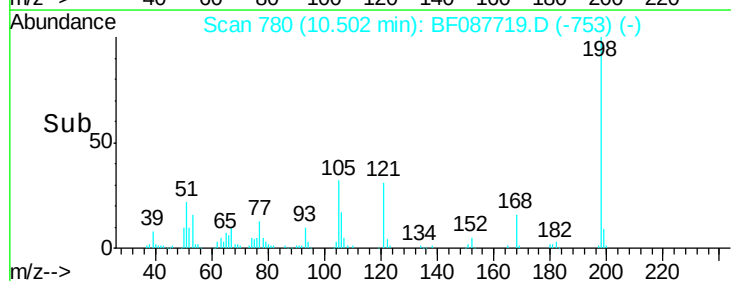
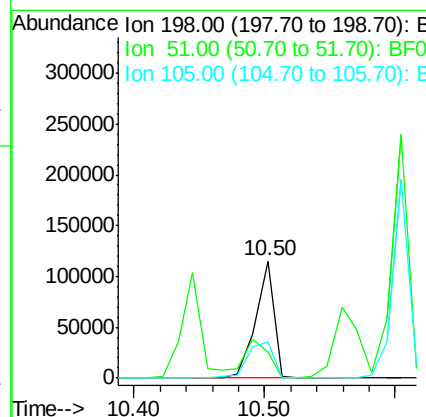
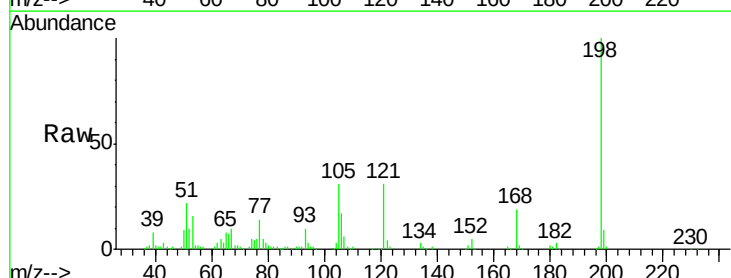
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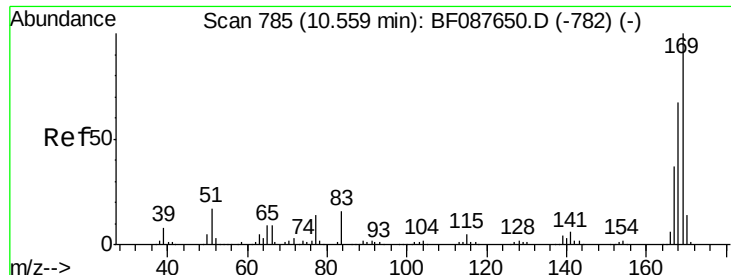
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#64
4,6-Dinitro-2-methylphenol
Concen: 49.28 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	113565		
51	21.9		39.6	79.6#
105	31.3		36.6	76.6#





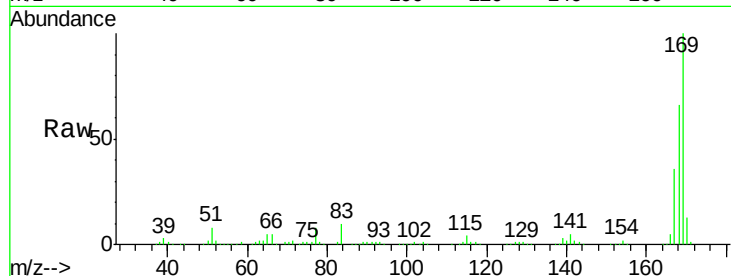
#65
n-Nitrosodiphenylamine
Concen: 53.71 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

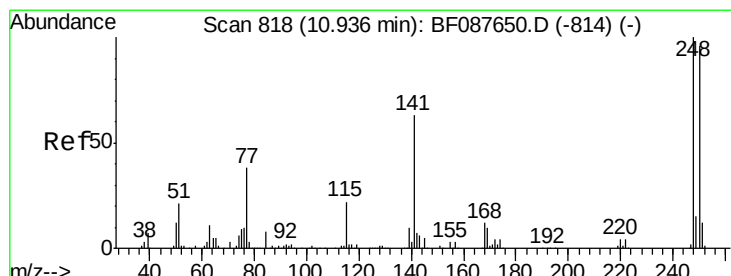
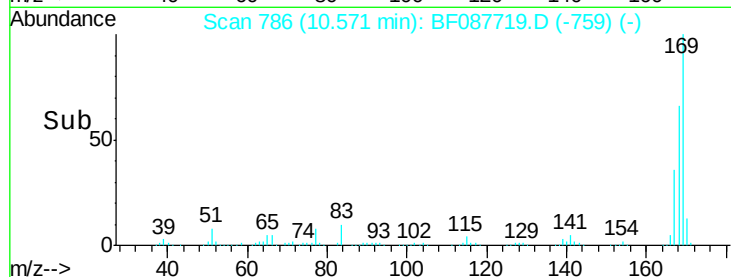
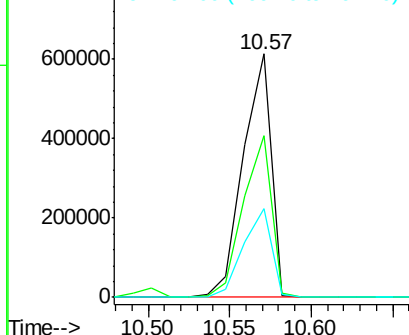
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		728504		
168	66.4	53.4		80.0	
167	36.3	29.4		44.0	

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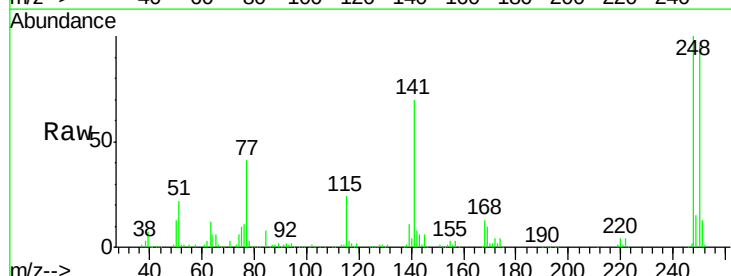


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

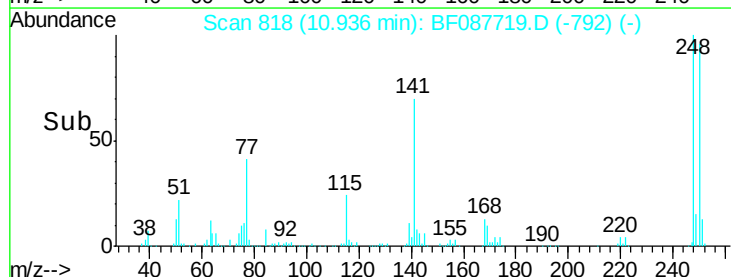
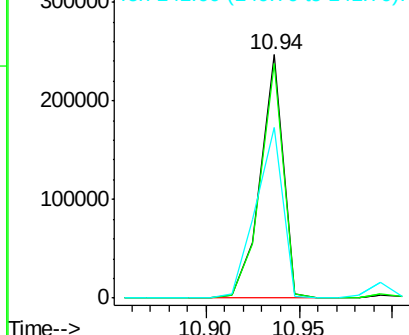


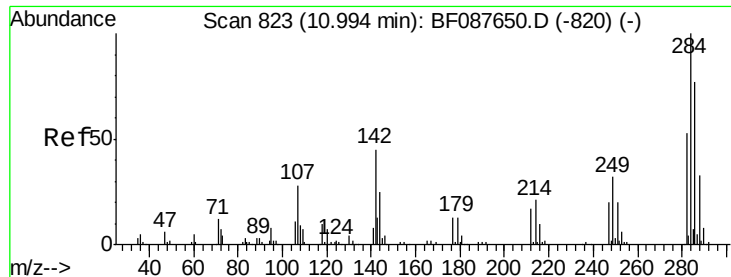
#66
4-Bromophenyl-phenylether
Concen: 51.85 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		212925		
250	96.4	77.1		115.7	
141	69.8	50.6		76.0	



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: 46.42 ng

RT: 10.99 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

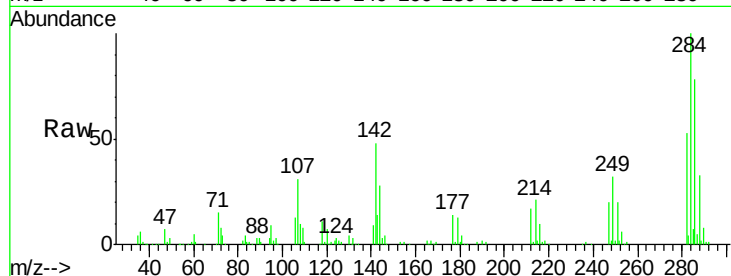
ClientSampled :

SB-2MS

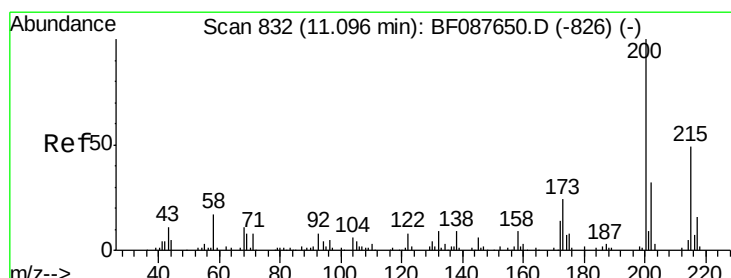
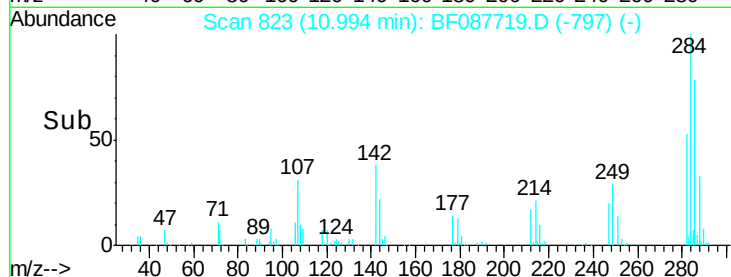
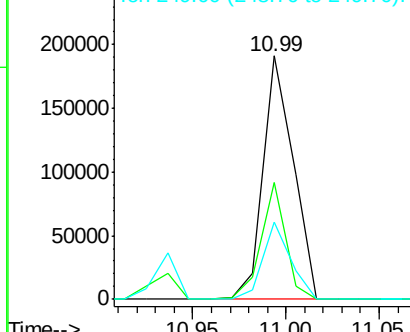
Tot Ion:	284	Resp:	213177
Ion Ratio		Lower	Upper
284	100		
142	48.0	35.8	53.8
249	32.0	25.8	38.6

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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: 52.64 ng

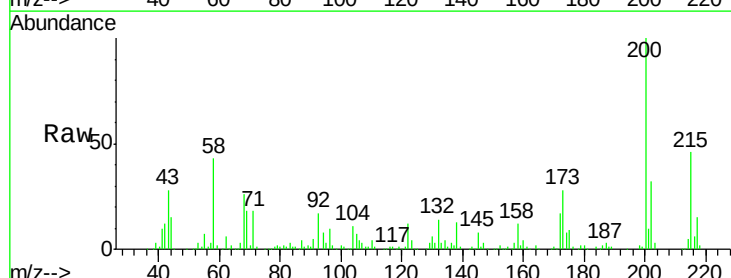
RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

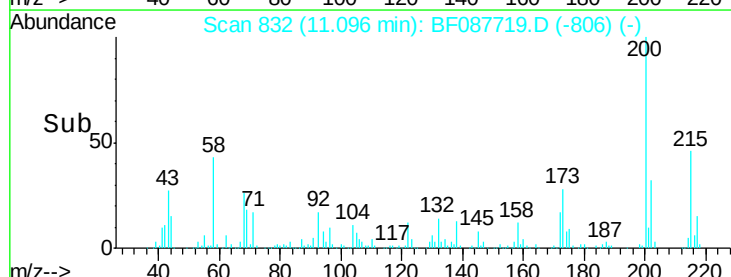
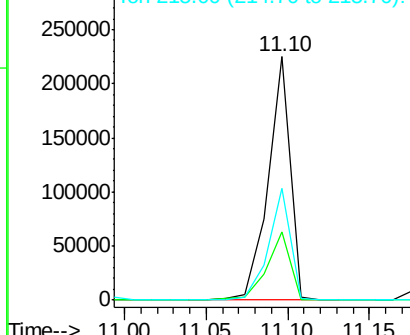
Lab File: BF087719.D

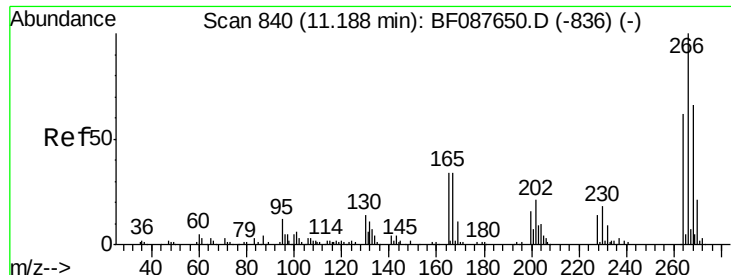
Acq: 5 Jun 2016 20:52

Tgt Ion:	200	Resp:	211482
Ion Ratio		Lower	Upper
200	100		
173	28.2	4.0	44.0
215	45.9	29.3	69.3



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





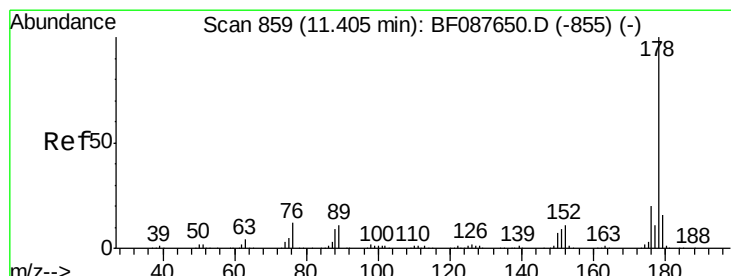
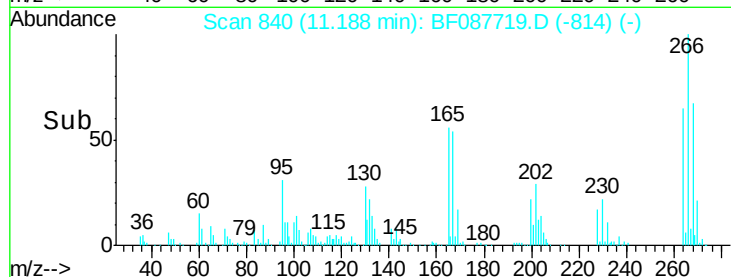
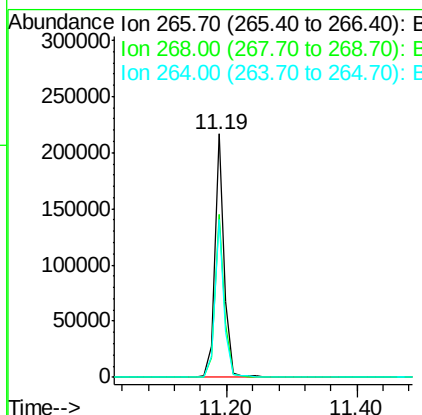
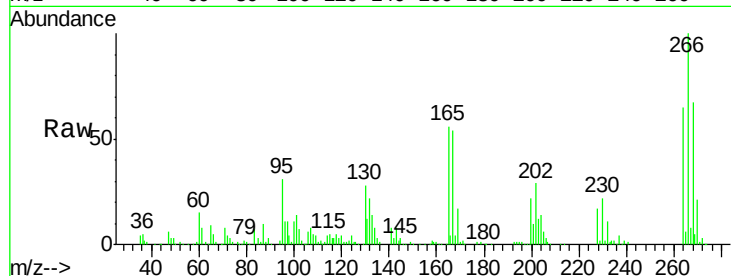
#69
 Pentachlorophenol
 Concen: 81.75 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampled :
 SB-2MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.1	52.8	79.2
264	65.1	49.6	74.4

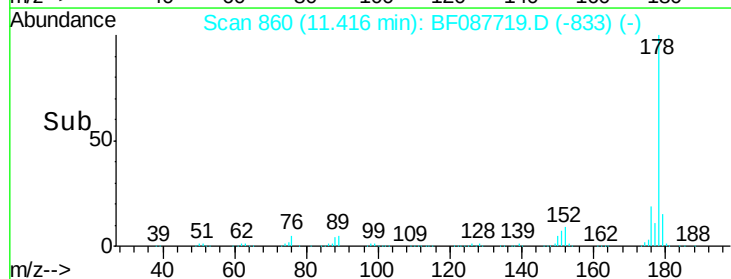
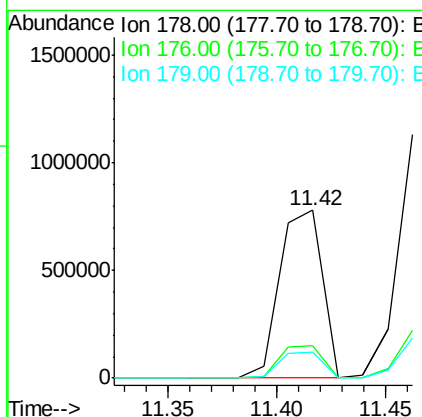
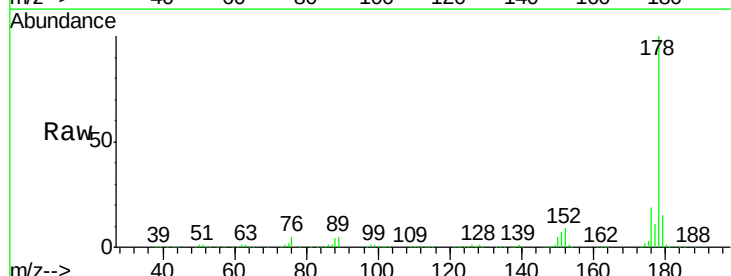
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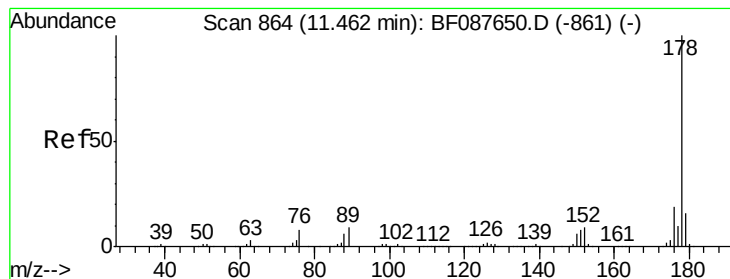
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#70
 Phenanthrene
 Concen: 47.87 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.4	13.0	19.4





#71

Anthracene

Concen: 44.50 ng

RT: 11.46 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tot Ion:178 Resp: 1001179

Ion Ratio Lower Upper

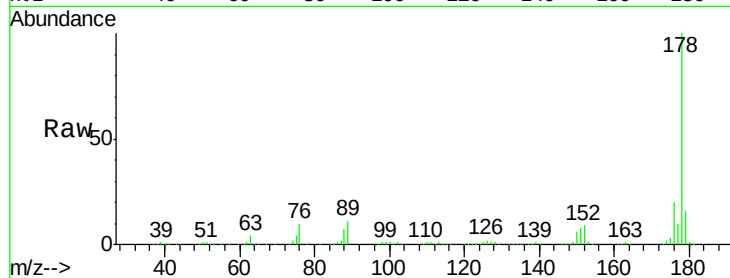
178 100

176 19.5 15.6 23.4

179 16.3 12.8 19.2

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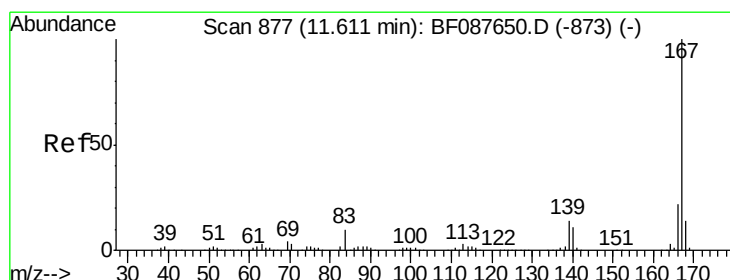
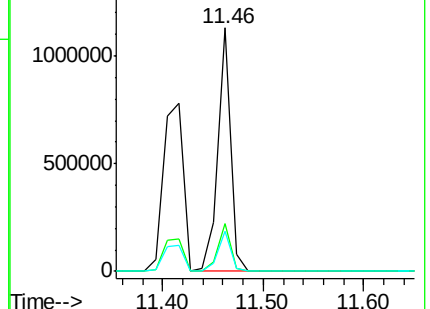
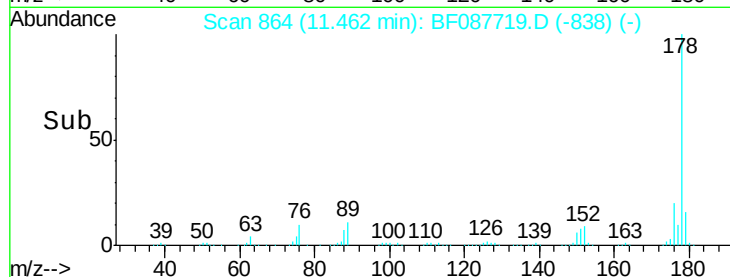
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 50.05 ng

RT: 11.61 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

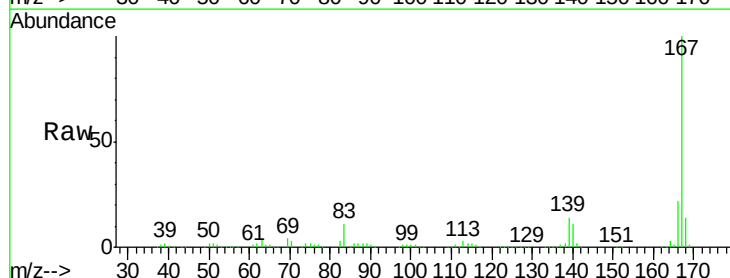
Tgt Ion:167 Resp: 1065888

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

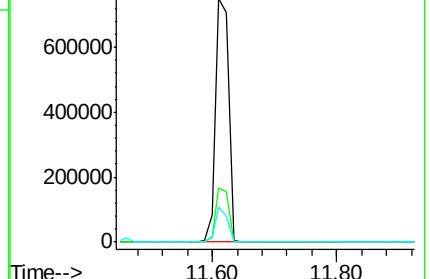
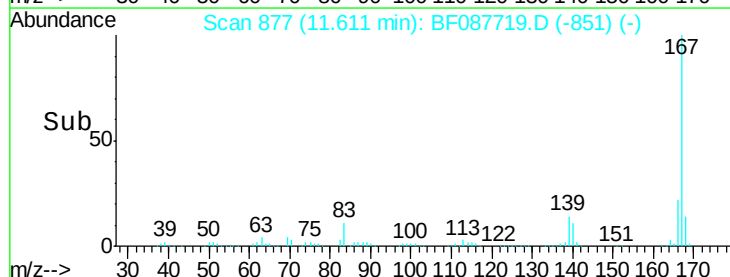
139 14.2 11.2 16.8

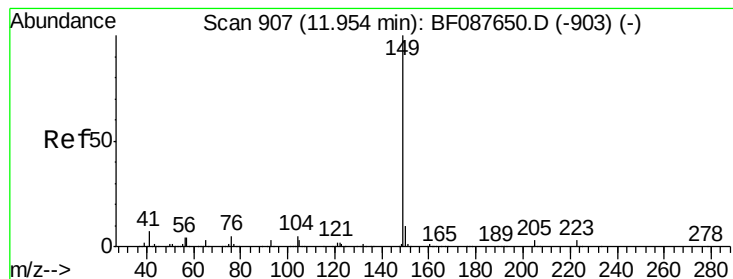


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





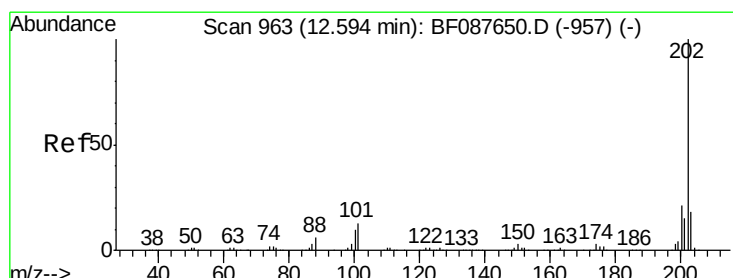
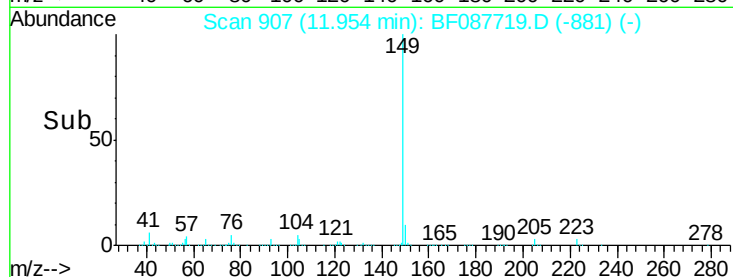
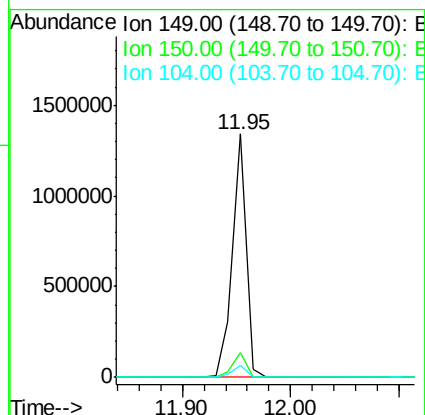
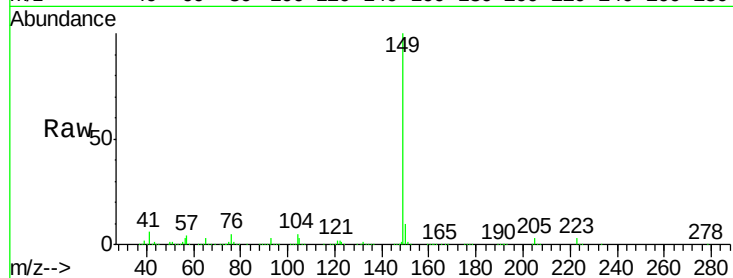
#73
Di-n-butylphthalate
Concen: 51.19 ng
RT: 11.95 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	5.0	4.0	6.0

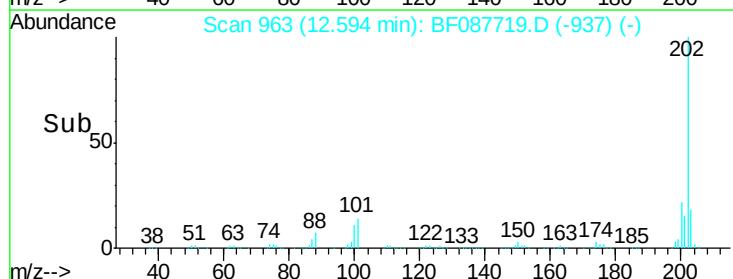
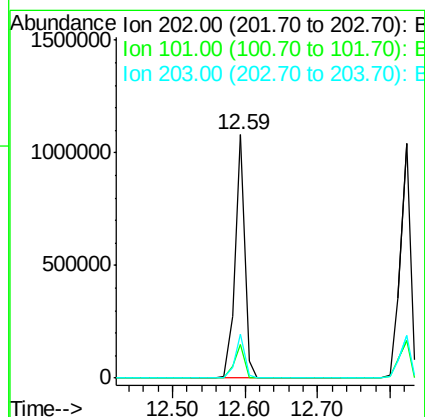
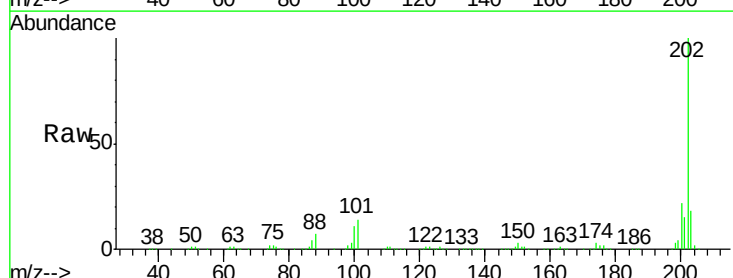
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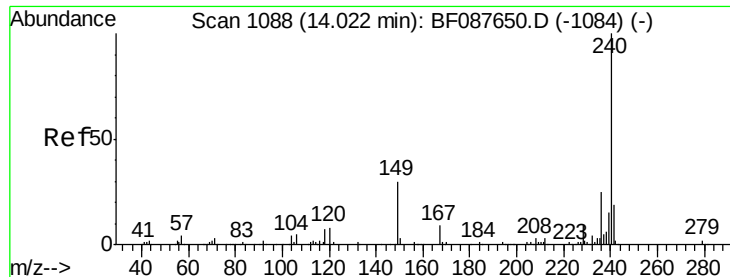
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#74
Fluoranthene
Concen: 44.95 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

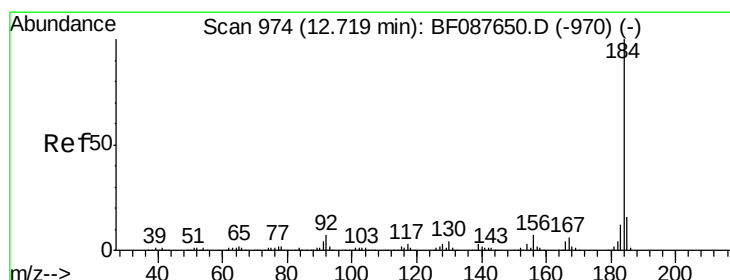
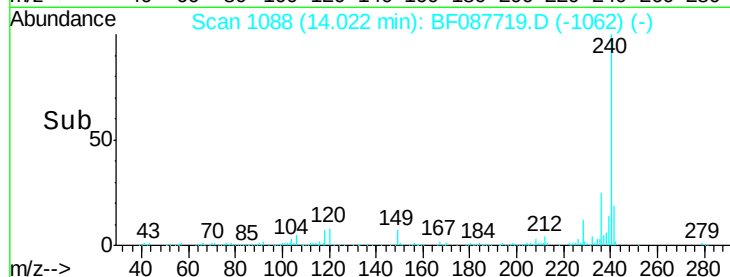
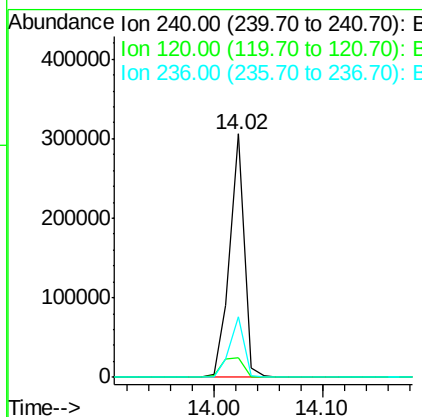
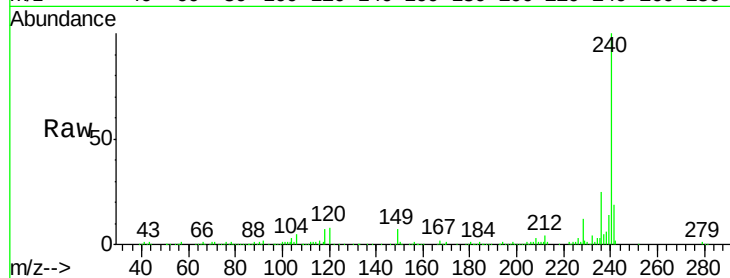
ClientSampleId :

SB-2MS

Tot Ion:	240	Resp:	285585
Ion Ratio	Lower	Upper	
240	100		
120	8.1	6.8	10.2
236	25.1	20.2	30.2

Manual Integrations
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#76

Benzidine

Concen: 17.97 ng

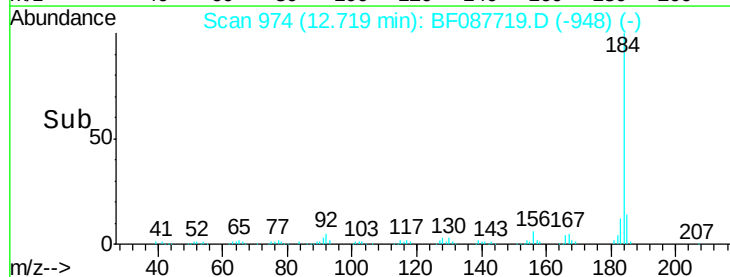
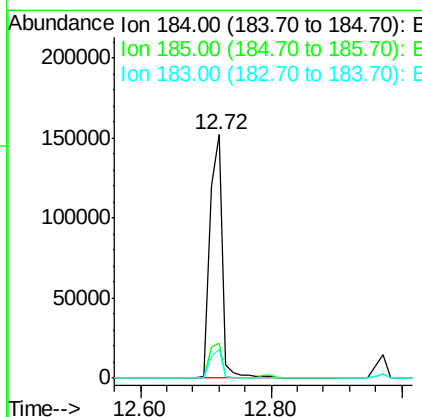
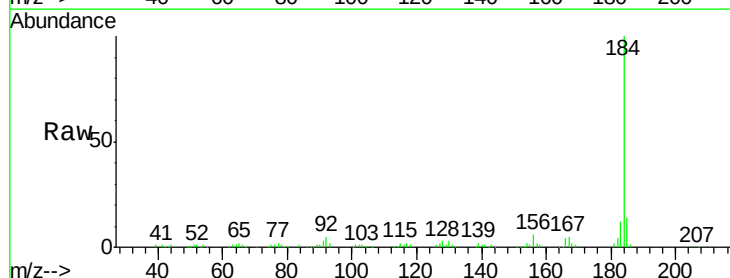
RT: 12.72 min Scan# 974

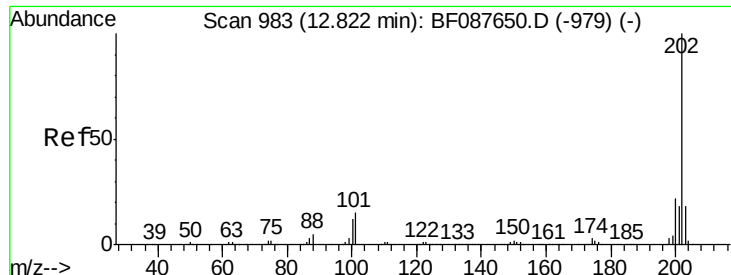
Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Tgt Ion:	184	Resp:	202398
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.5	18.7
183	11.5	9.3	13.9





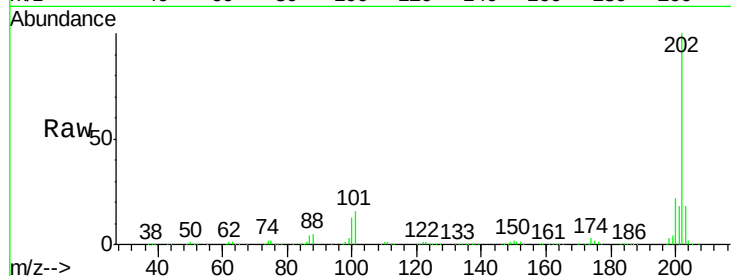
#77
Pvrene
Concen: 50.52 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

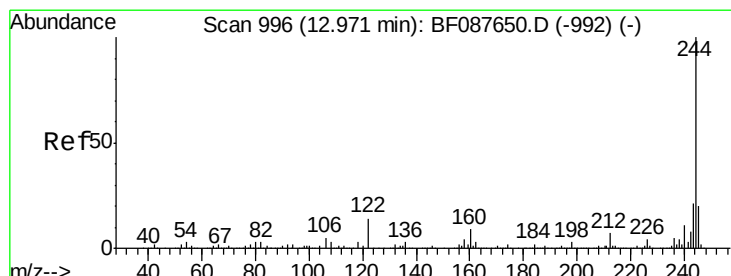
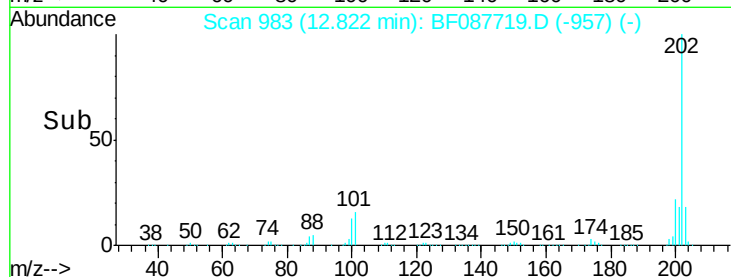
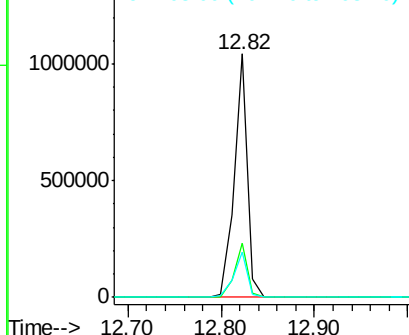
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.4	14.5	21.7

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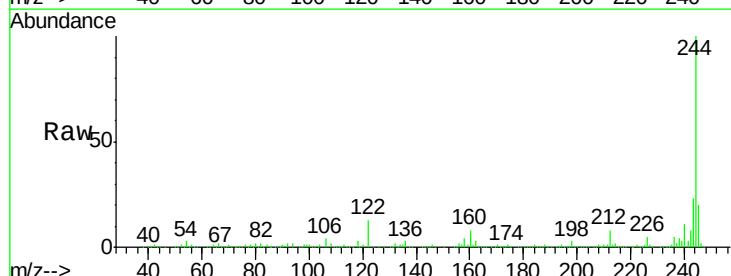


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

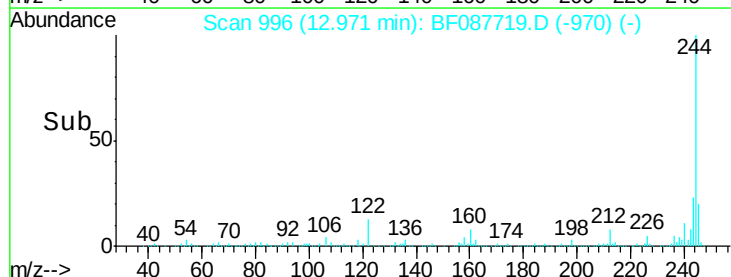
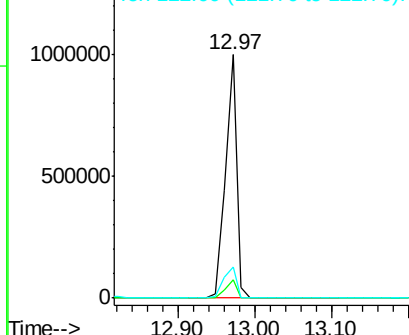


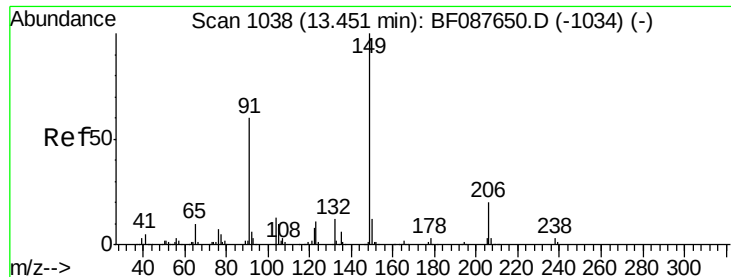
#78
Terphenyl-d14
Concen: 88.73 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.7	11.2	16.8



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: 59.89 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

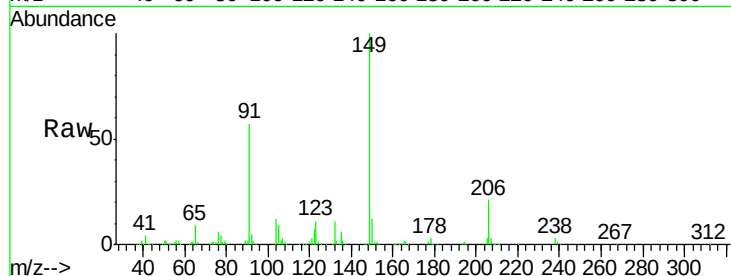
ClientSampled :

SB-2MS

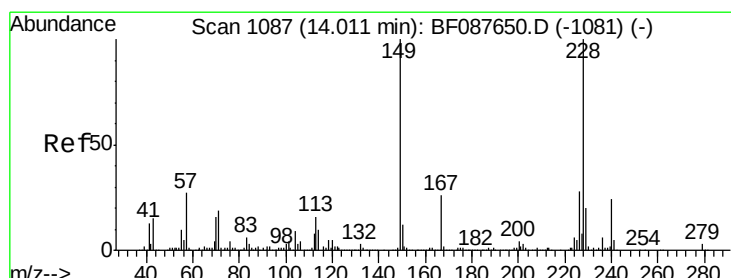
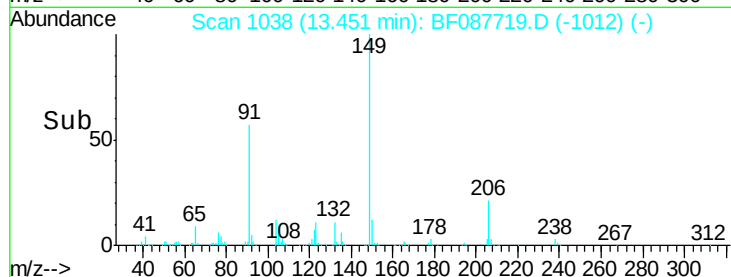
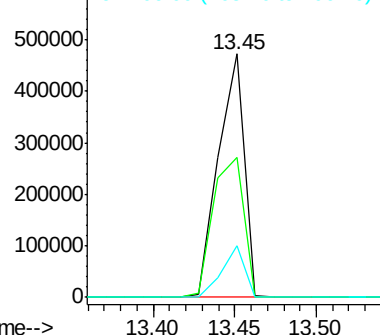
Tot Ion:	149	Resp:	518326
Ion Ratio	Lower	Upper	
149	100		
91	57.4	48.0	72.0
206	21.4	16.0	24.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.17 ng

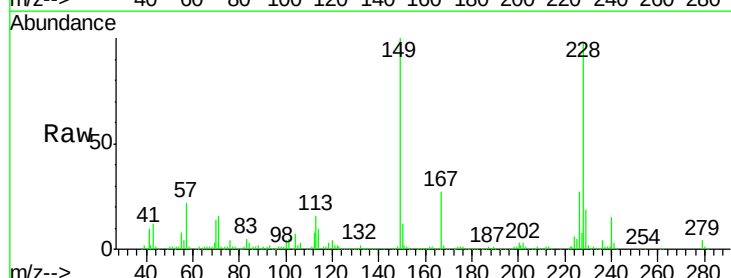
RT: 14.01 min Scan# 1087

Delta R.T. 0.00 min

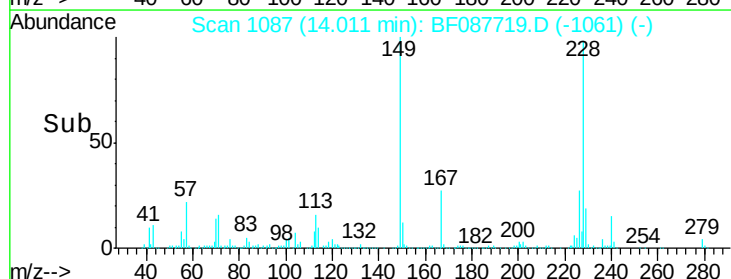
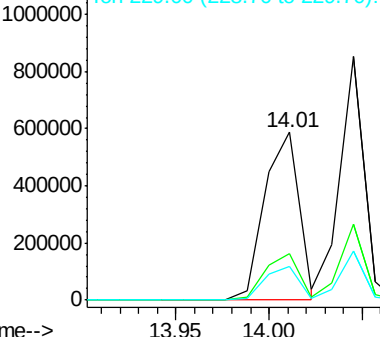
Lab File: BF087719.D

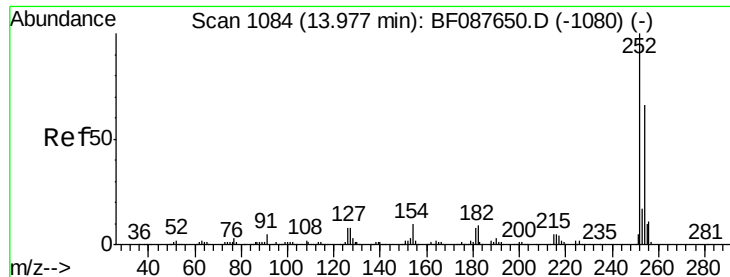
Acq: 5 Jun 2016 20:52

Tgt Ion:	228	Resp:	760998
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.3	33.5
229	19.9	16.0	24.0



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





#81

3,3'-Dichlorobenzidine

Concen: 35.70 ng

RT: 13.98 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

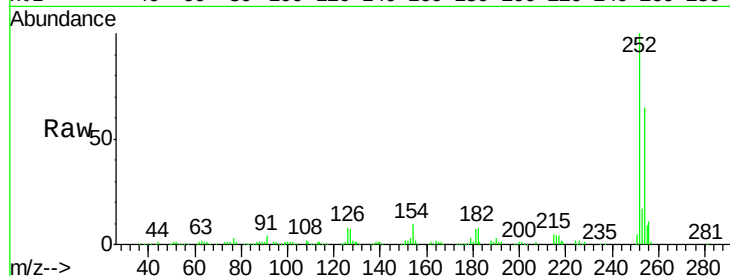
ClientSampleId :

SB-2MS

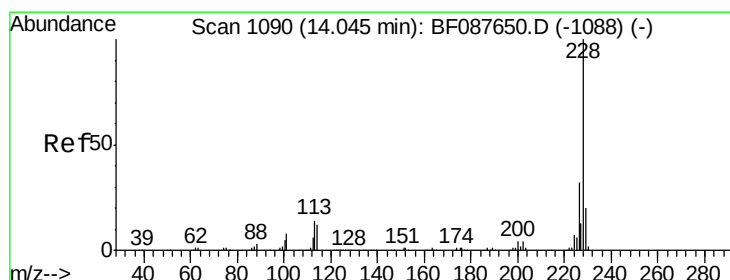
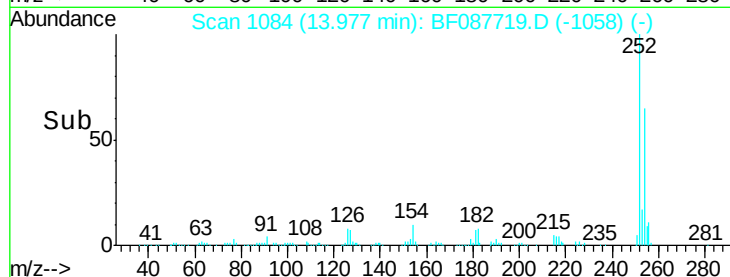
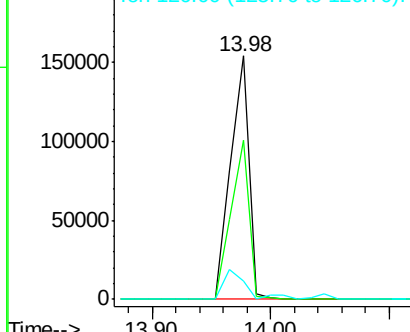
Tot Ion:	252	Resp:	166015
Ion Ratio		Lower	Upper
252	100		
254	65.4	52.6	78.8
126	7.5	6.2	9.2

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



#82

Chrysene

Concen: 47.64 ng

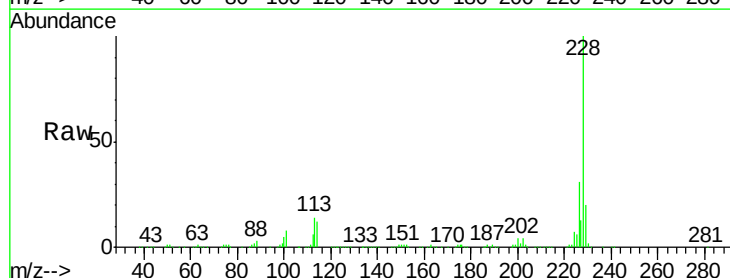
RT: 14.05 min Scan# 1090

Delta R.T. 0.00 min

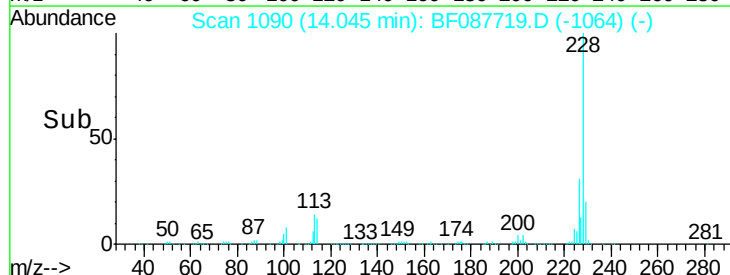
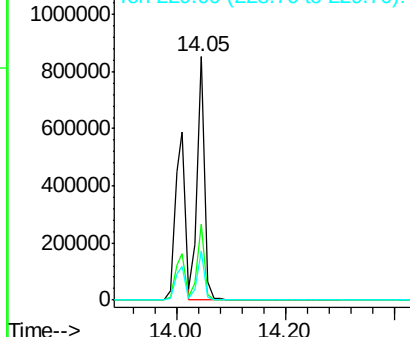
Lab File: BF087719.D

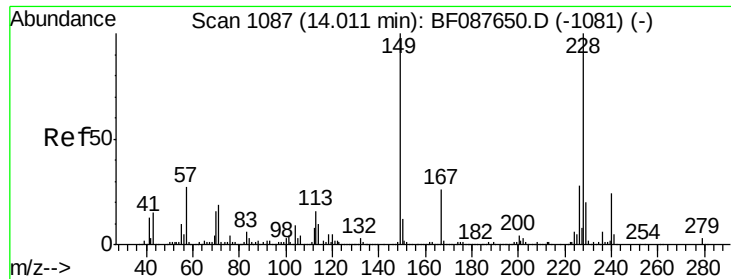
Acq: 5 Jun 2016 20:52

Tgt Ion:	228	Resp:	781518
Ion Ratio		Lower	Upper
228	100		
226	30.9	25.4	38.2
229	20.1	16.3	24.5



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: 57.16 ng

RT: 14.01 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tot Ion:149 Resp: 588716

Ion Ratio Lower Upper

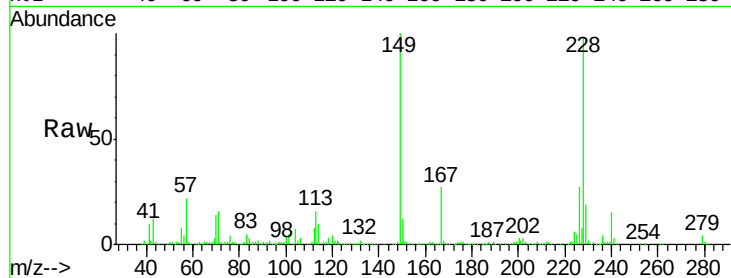
149 100

167 26.8 20.5 30.7

279 3.6 2.0 3.0#

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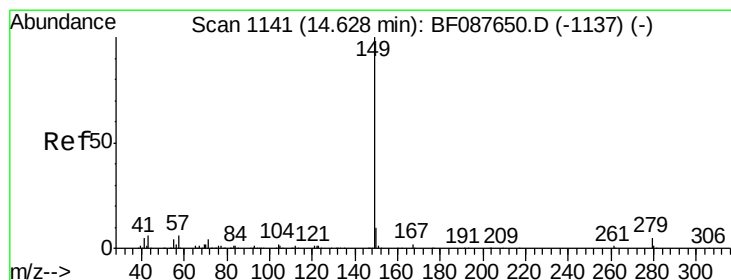
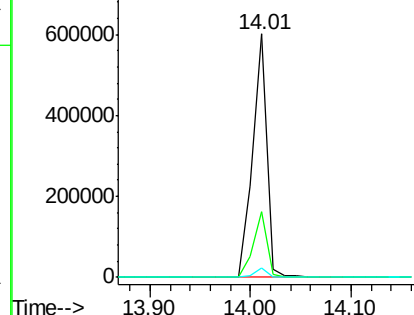
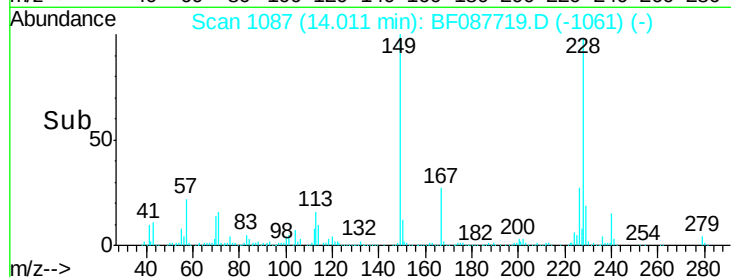
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.42 ng

RT: 14.62 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

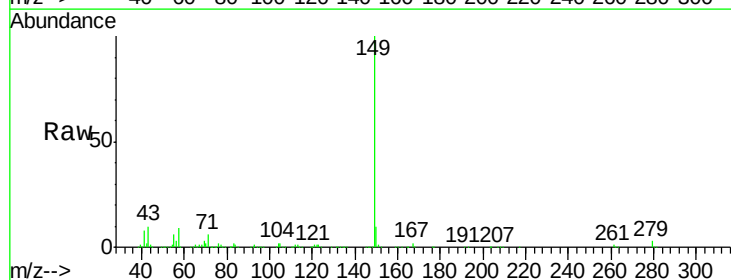
Tgt Ion:149 Resp: 1003807

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

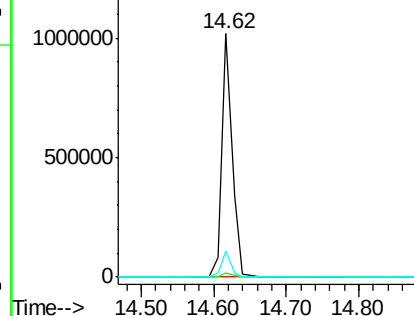
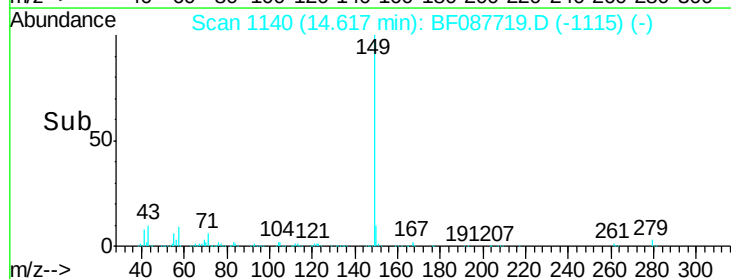
43 9.7 0.0 0.0#

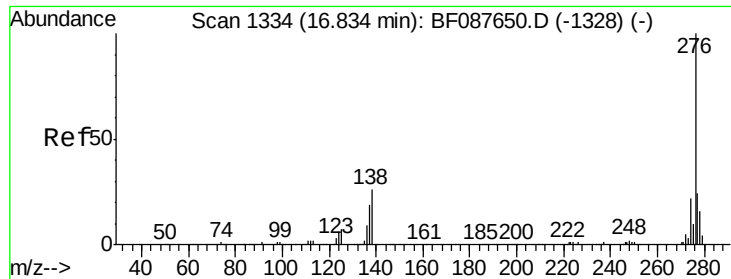


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





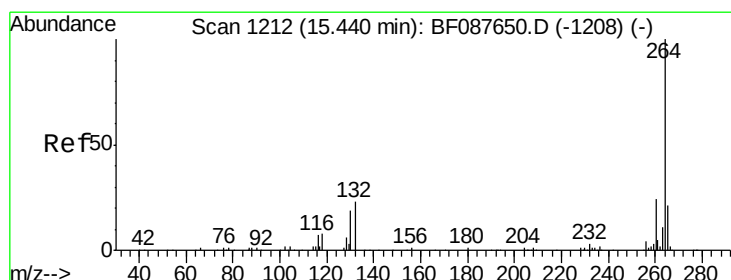
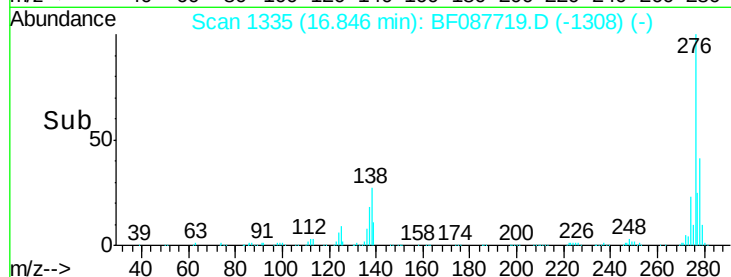
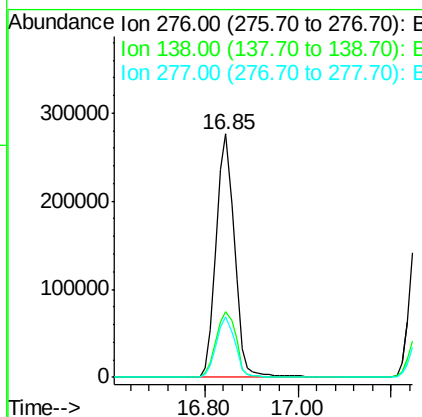
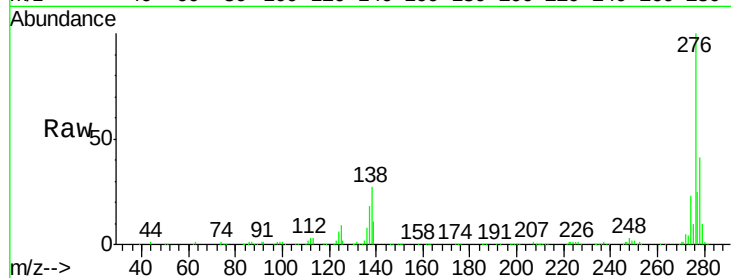
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.81 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.8	0.0	0.0#
277	25.4	0.0	0.0#

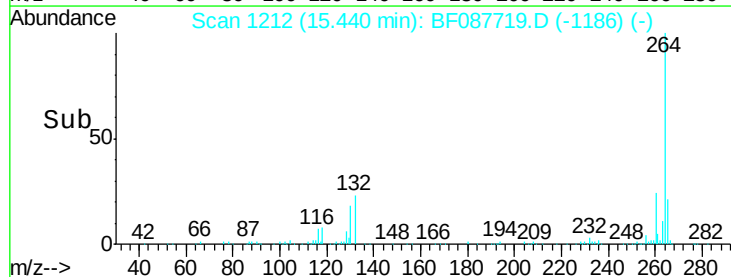
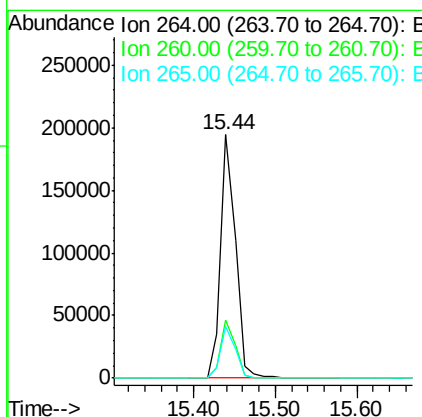
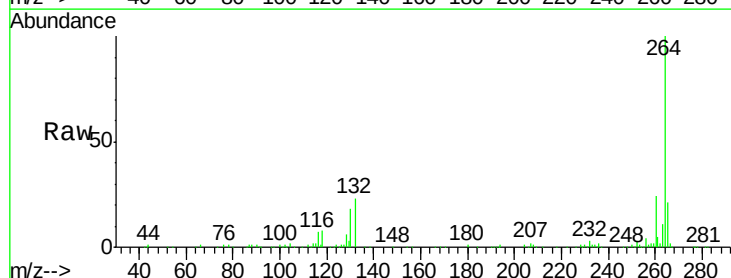
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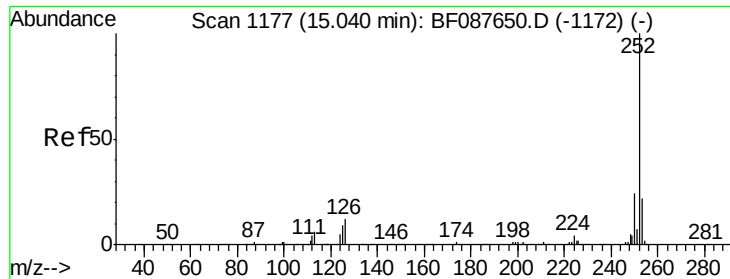
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	16.9	25.3





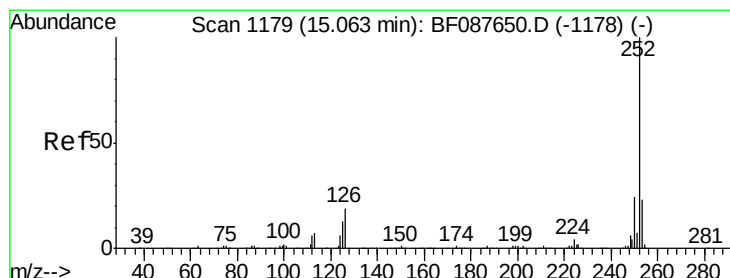
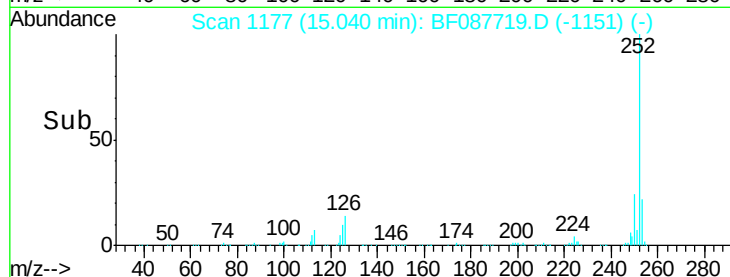
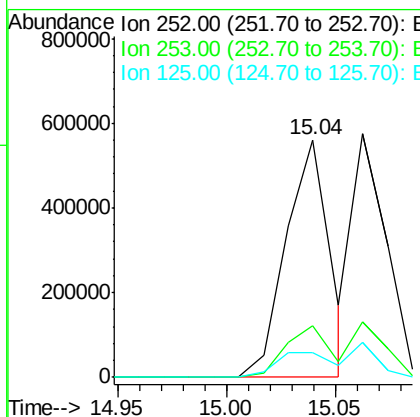
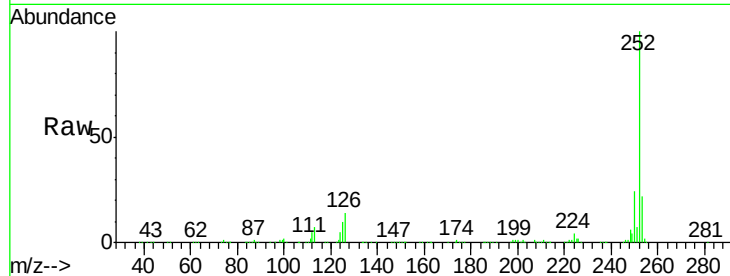
#87
Benzo(b)fluoranthene
Concen: 49.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.5	7.1	10.7

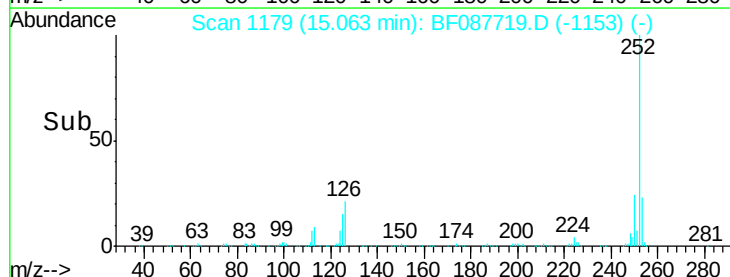
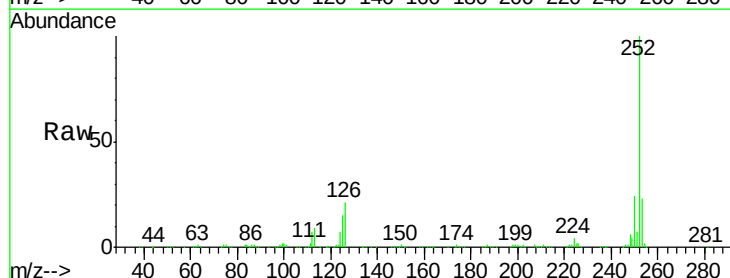
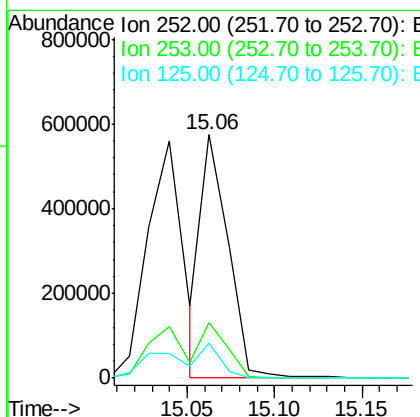
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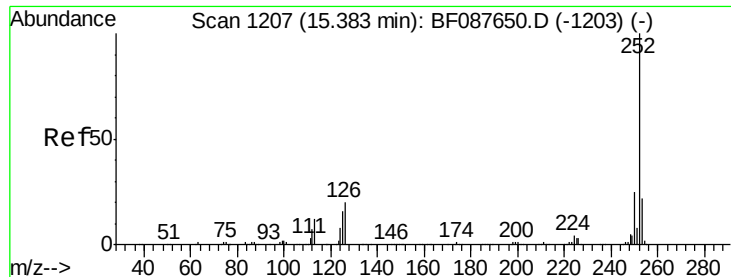
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#88
Benzo(k)fluoranthene
Concen: 47.79 ng m
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	14.5	11.2	16.8





#89

Benzo(a)pyrene

Concen: 51.23 ng

RT: 15.38 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

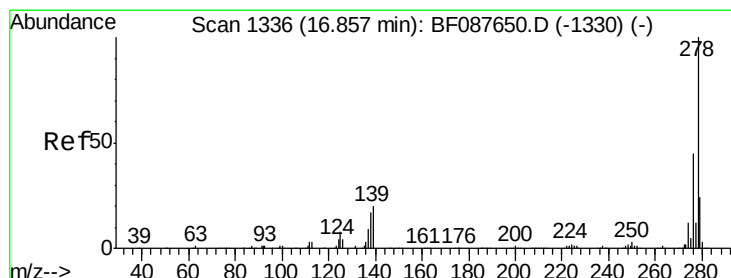
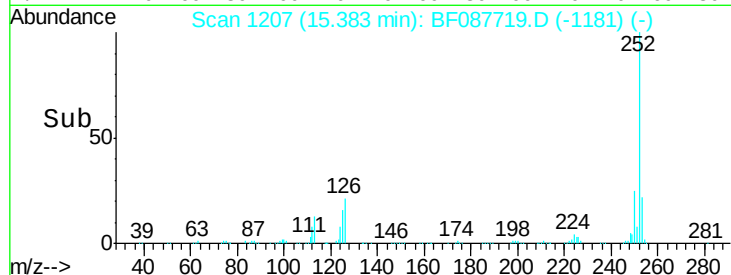
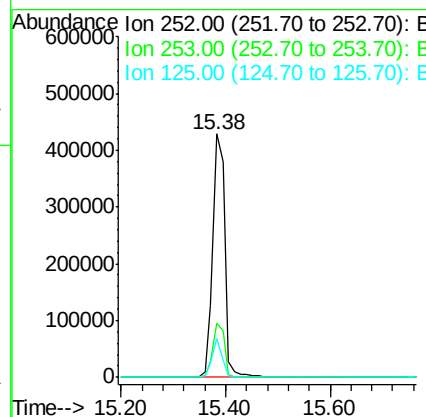
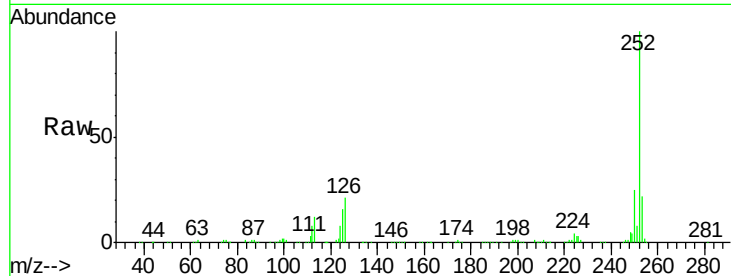
ClientSampleId :

SB-2MS

Tot Ion:	252	Resp:	686300
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.9	26.9
125	16.2	12.5	18.7

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 54.88 ng

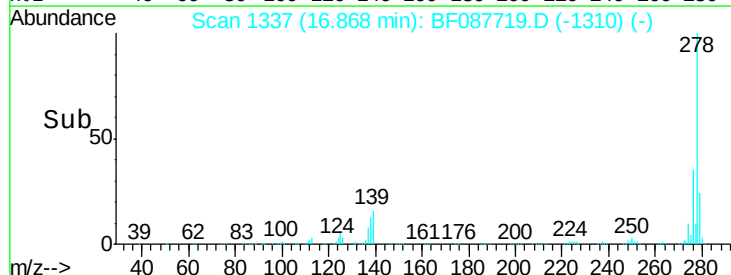
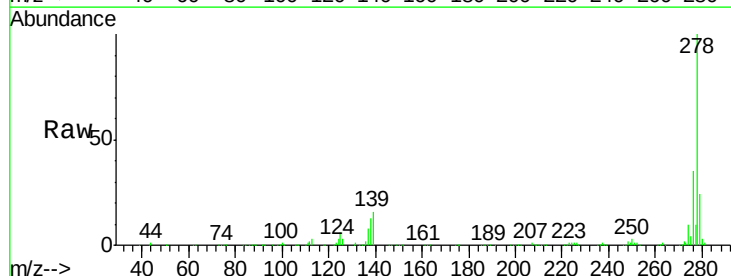
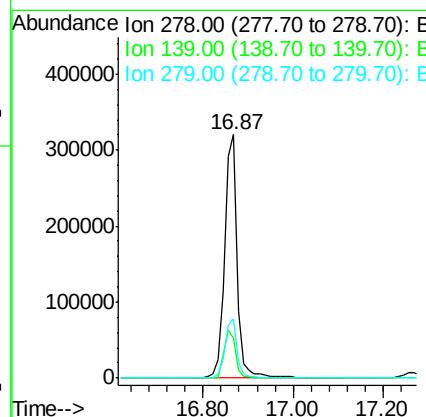
RT: 16.87 min Scan# 1337

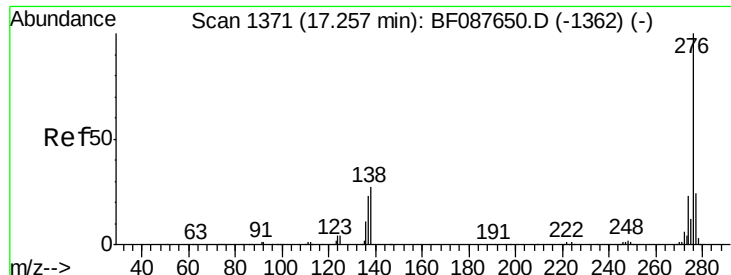
Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Tgt Ion:	278	Resp:	625574
Ion Ratio		Lower	Upper
278	100		
139	16.5	15.7	23.5
279	24.3	19.4	29.2





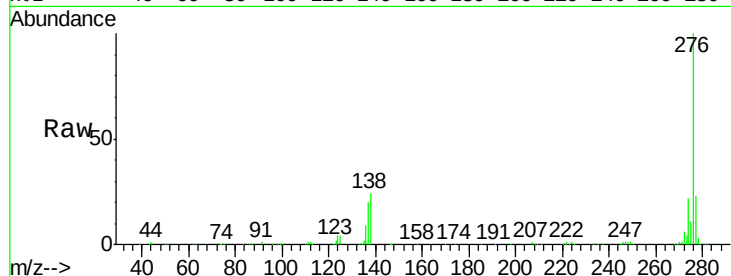
#91
 Benzo(a,h,i)perylene
 Concen: 55.61 ng
 RT: 17.27 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tot Ion:	276	Resp:	639593
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.9	28.3
138	23.6	21.4	32.2

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

