

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085179.D
 Acq On : 4 Mar 2016 1:53
 Operator : SJ/UM
 Sample : H1648-04MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-47(COMP)MS

Manual Integrations
 APPROVED

Sohil
 3/4/2016 4:36:05 PM

Quant Time: Mar 04 03:10:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	155102	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	629152	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	294093	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	547202	20.00	ng	0.00
75) Chrysene-d12	14.14	240	340648	20.00	ng	-0.01
86) Perylene-d12	15.61	264	280663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1333211	144.18	ng	0.01
7) Phenol-d6	6.61	99	1679771	138.66	ng	0.00
23) Nitrobenzene-d5	7.54	82	1145217	97.41	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	382977	152.19	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1689182	87.35	ng	-0.01
78) Terphenyl-d14	13.09	244	1461213	99.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	190530	40.29	ng	100
3) Pyridine	3.51	79	588059	49.69	ng	98
4) n-Nitrosodimethylamine	3.45	42	249422	49.24	ng	100
6) Aniline	6.64	93	357977	21.08	ng	99
8) 2-Chlorophenol	6.77	128	564376	50.70	ng	97
9) Benzaldehyde	6.53	77	208416	35.52	ng	94
10) Phenol	6.62	94	612172m	47.18	ng	
11) bis(2-Chloroethyl)ether	6.71	93	519707	48.23	ng	90
12) 1,3-Dichlorobenzene	6.92	146	539286m	45.12	ng	
13) 1,4-Dichlorobenzene	7.00	146	561741	46.90	ng	98
14) 1,2-Dichlorobenzene	7.16	146	542329	49.90	ng	96
15) Benzyl Alcohol	7.12	79	524874	59.02	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.26	45	736658	47.42	ng	99
17) 2-Methylphenol	7.22	107	468679	51.60	ng	95
18) Hexachloroethane	7.50	117	218298	49.40	ng	94
19) n-Nitroso-di-n-propylamine	7.40	70	385181	48.78	ng	# 90
20) 3+4-Methylphenols	7.38	107	563898	52.41	ng	90
22) Acetophenone	7.40	105	742331	48.34	ng	# 91
24) Nitrobenzene	7.57	77	639266	53.52	ng	# 88
25) Isophorone	7.81	82	1116051	51.22	ng	96
26) 2-Nitrophenol	7.88	139	275229	47.35	ng	# 68
27) 2,4-Dimethylphenol	7.91	122	492780	46.39	ng	92
28) bis(2-Chloroethoxy)methane	8.01	93	707913	58.34	ng	100
29) 2,4-Dichlorophenol	8.12	162	425023	49.61	ng	87
30) 1,2,4-Trichlorobenzene	8.21	180	480751	51.91	ng	97
31) Naphthalene	8.29	128	1506997	48.71	ng	99
32) Benzoic acid	8.00	122	140460	19.91	ng	99
33) 4-Chloroaniline	8.33	127	141324	11.29	ng	# 92
34) Hexachlorobutadiene	8.40	225	229300	47.58	ng	97
35) Caprolactam	8.70	113	172586m	61.69	ng	
36) 4-Chloro-3-methylphenol	8.81	107	503762	51.84	ng	99
37) 2-Methylnaphthalene	8.98	142	1066152	53.70	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	389225	46.28	ng	99
40) Hexachlorocyclopentadiene	9.13	237	438859	96.74	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	337801	53.95	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	312799	52.69	ng	97
45) 1,1'-Biphenyl	9.44	154	1108628	44.12	ng	98
46) 2-Chloronaphthalene	9.46	162	886388	46.28	ng	# 91
47) 2-Nitroaniline	9.56	65	279183	47.04	ng	99
48) Acenaphthylene	9.89	152	1526338	51.21	ng	99
49) Dimethylphthalate	9.75	163	1454163	64.42	ng	99
50) 2,6-Dinitrotoluene	9.81	165	269883	55.89	ng	# 82
51) Acenaphthene	10.06	154	1015645	56.12	ng	99
52) 3-Nitroaniline	9.97	138	128116	22.17	ng	# 81
53) 2,4-Dinitrophenol	10.08	184	231637	93.07	ng	# 28
54) Dibenzofuran	10.23	168	1281852	54.06	ng	100
55) 4-Nitrophenol	10.13	139	387002	85.24	ng	# 76
56) 2,4-Dinitrotoluene	10.21	165	336610	54.47	ng	98
57) Fluorene	10.57	166	995245	53.43	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	255244	61.20	ng	97
59) Diethylphthalate	10.45	149	1147380	52.38	ng	99
60) 4-Chlorophenyl-phenylether	10.56	204	454119	50.11	ng	99
61) 4-Nitroaniline	10.58	138	233337	43.18	ng	99
62) Azobenzene	10.72	77	1228716	56.94	ng	99
64) 4,6-Dinitro-2-methylphenol	10.62	198	176085	53.74	ng	79
65) n-Nitrosodiphenylamine	10.68	169	833305	48.96	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	284860	53.61	ng	97
67) Hexachlorobenzene	11.12	284	304235	53.67	ng	97
68) Atrazine	11.20	200	264299	55.84	ng	100
69) Pentachlorophenol	11.32	266	338125	107.47	ng	98
70) Phenanthrene	11.53	178	1472327	51.34	ng	99
71) Anthracene	11.58	178	1445672	47.49	ng	99
72) Carbazole	11.74	167	1437764	53.86	ng	99
73) Di-n-butylphthalate	12.06	149	1663771	49.31	ng	100
74) Fluoranthene	12.72	202	1546193	53.73	ng	98
76) Benzidine	12.84	184	334242	32.97	ng	99
77) Pyrene	12.95	202	1535020	59.87	ng	100
79) Butylbenzylphthalate	13.56	149	661327	56.85	ng	100
80) Benzo(a)anthracene	14.13	228	1087855	53.35	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	158163	24.59	ng	# 97
82) Chrysene	14.17	228	1046964	55.58	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	880156	57.49	ng	100
84) Di-n-octyl phthalate	14.73	149	1447651	62.09	ng	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	872611	59.35	ng	99
87) Benzo(b)fluoranthene	15.18	252	845574m	45.20	ng	
88) Benzo(k)fluoranthene	15.21	252	890935m	59.04	ng	
89) Benzo(a)pyrene	15.55	252	820923	52.96	ng	# 95
90) Dibenzo(a,h)anthracene	17.11	278	731877	55.31	ng	96
91) Benzo(g,h,i)perylene	17.53	276	739743	55.59	ng	99

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

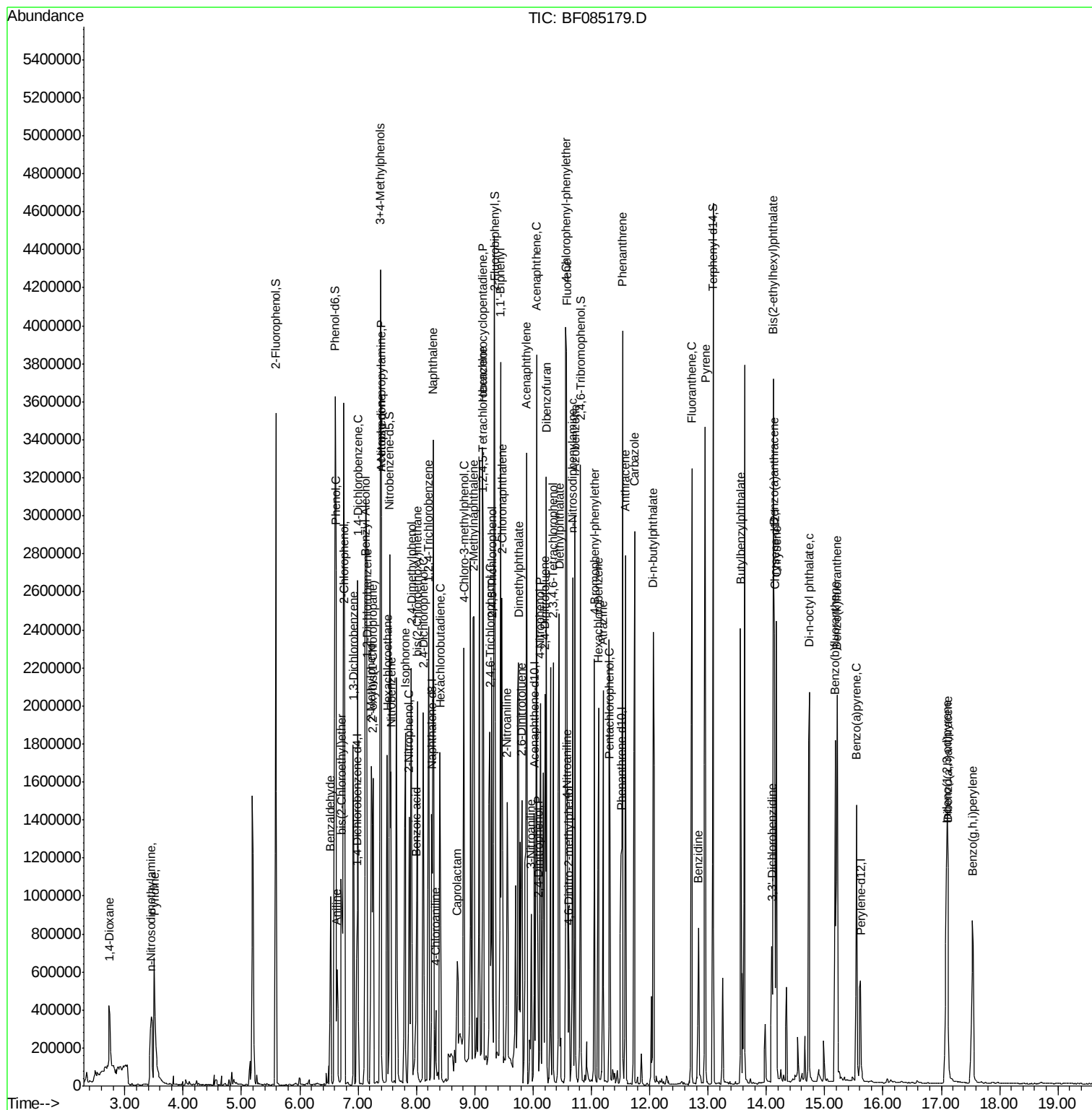
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Acq On    : 4 Mar 2016    1:53  
Operator  : SJ/UM  
Sample    : H1648-04MS  
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ALS Vial  : 23    Sample Multiplier: 1
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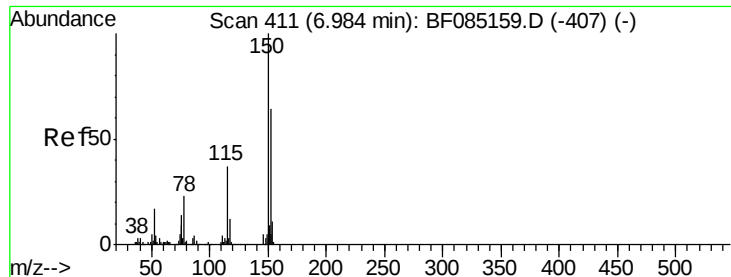
Instrument :
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SB-47(COMP)MS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

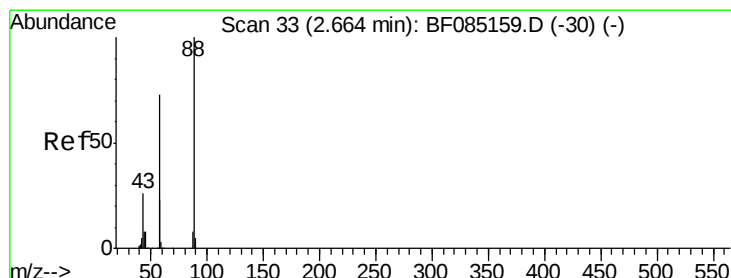
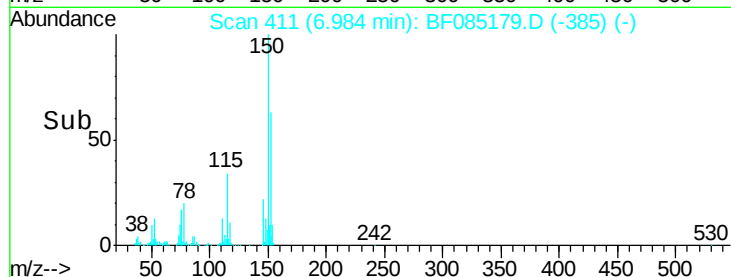
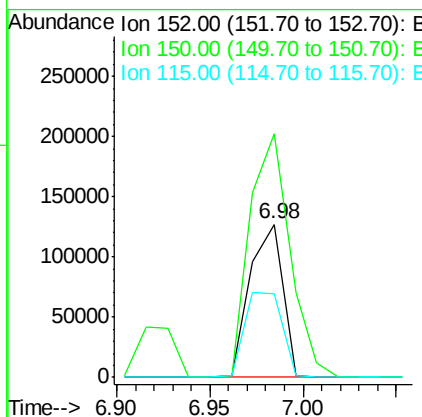
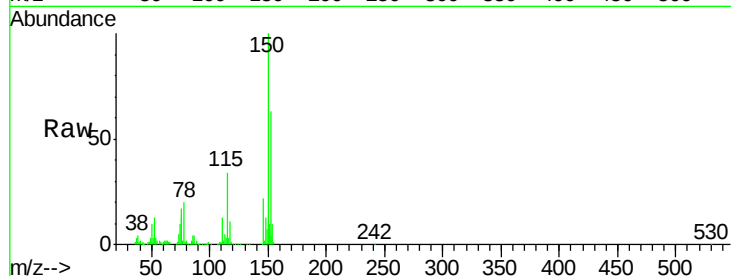
ClientSampleId :

SB-47(COMP)MS

Tgt Ion:	152	Resp:	155102
Ion Ratio	Lower	Upper	
152	100		
150	159.0	124.6	186.8
115	54.3	46.6	70.0

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#2

1,4-Dioxane

Concen: 40.29 ng

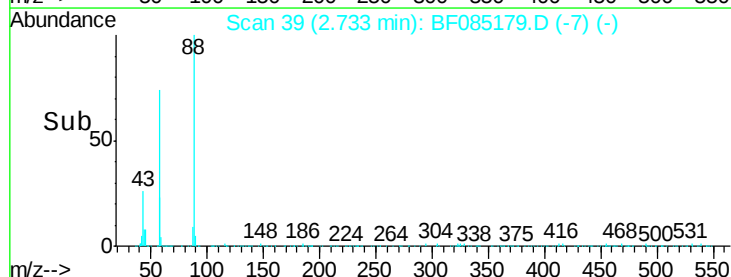
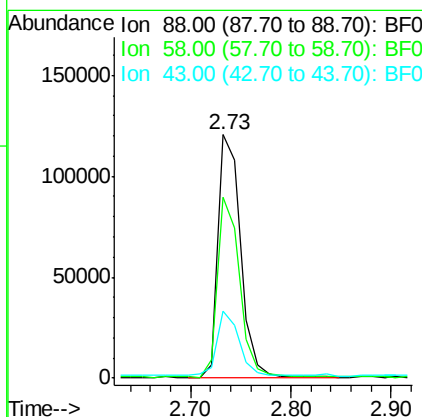
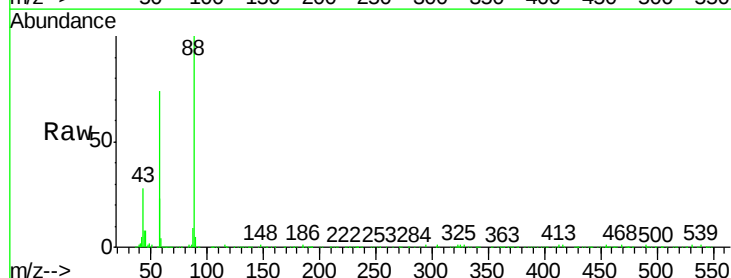
RT: 2.73 min Scan# 39

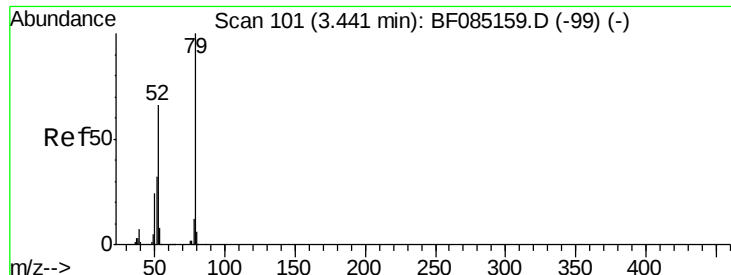
Delta R.T. 0.07 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Tgt Ion:	88	Resp:	190530
Ion Ratio	Lower	Upper	
88	100		
58	70.9	57.0	85.6
43	25.7	20.5	30.7





#3

Pyridine

Concen: 49.69 ng

RT: 3.51 min Scan# 107

Delta R.T. 0.07 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

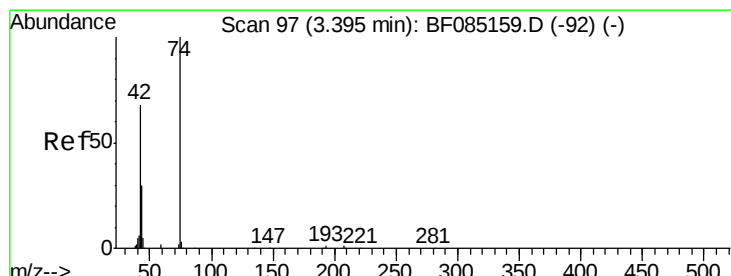
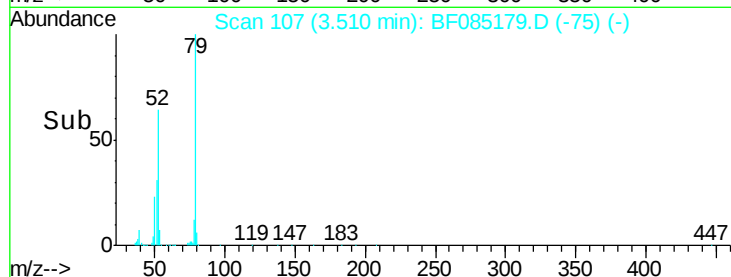
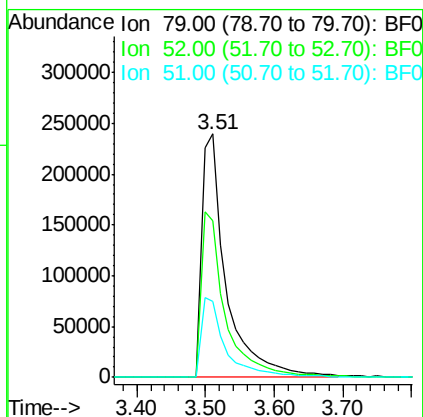
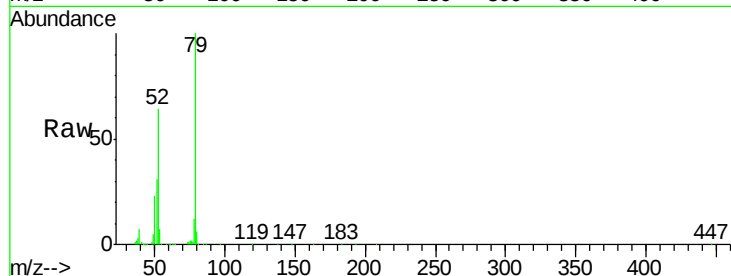
ClientSampleId :

SB-47(COMP)MS

Tgt Ion:	79	Resp:	588059
Ion	Ratio	Lower	Upper
79	100		
52	64.5	52.6	79.0
51	31.3	25.8	38.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 49.24 ng

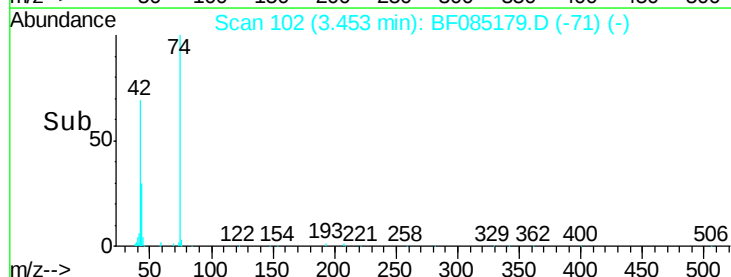
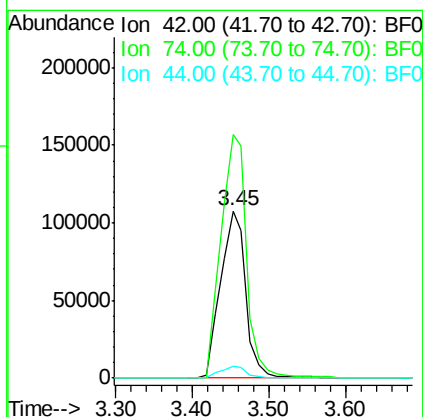
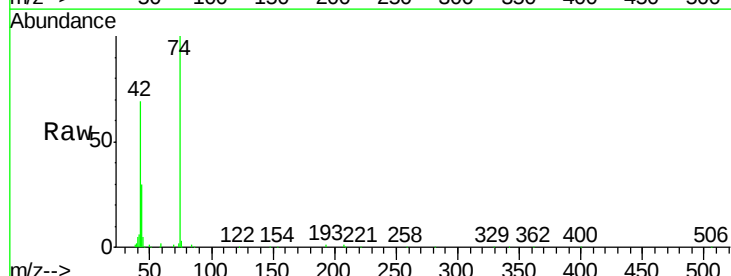
RT: 3.45 min Scan# 102

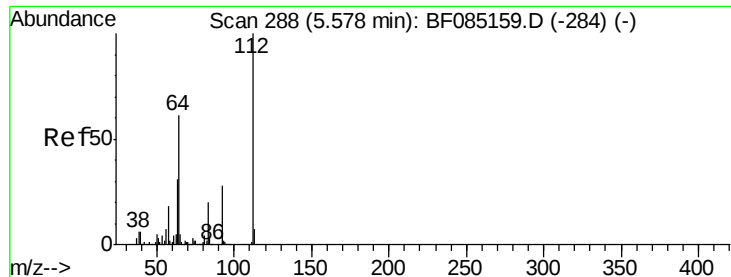
Delta R.T. 0.06 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Tgt Ion:	42	Resp:	249422
Ion	Ratio	Lower	Upper
42	100		
74	145.5	116.8	175.2
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 144.18 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

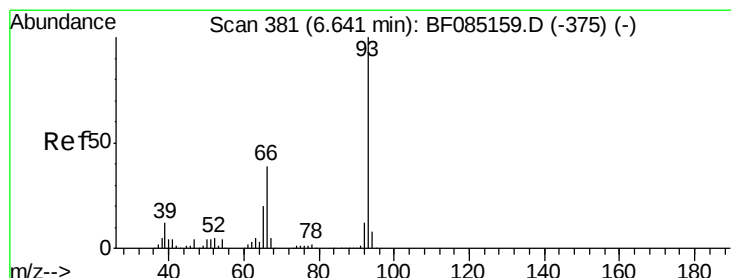
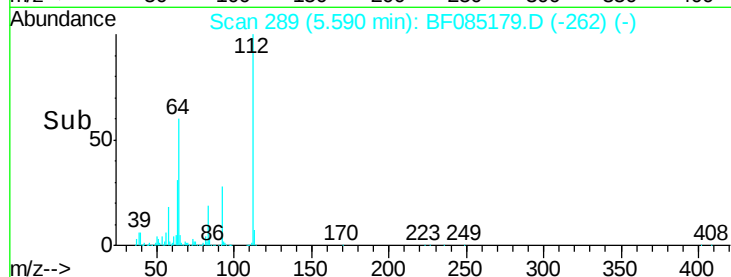
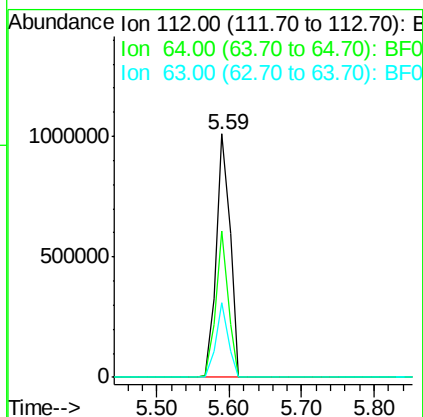
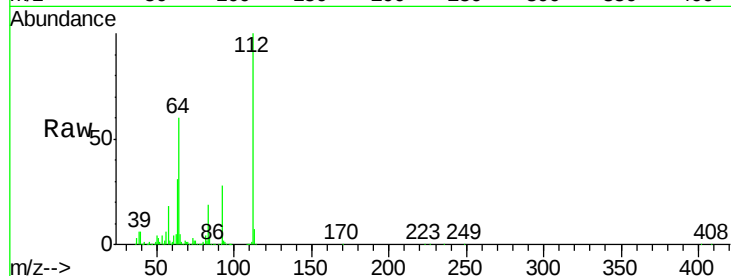
ClientSampleId :

SB-47(COMP)MS

Tgt Ion:	112	Resp:	1333211
Ion	Ratio	Lower	Upper
112	100		
64	59.9	49.0	73.4
63	30.6	24.8	37.2

Manual Integrations
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#6

Aniline

Concen: 21.08 ng

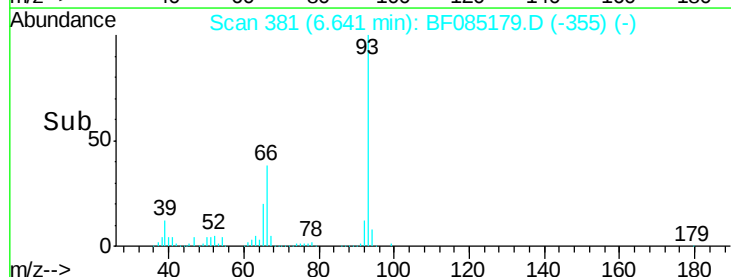
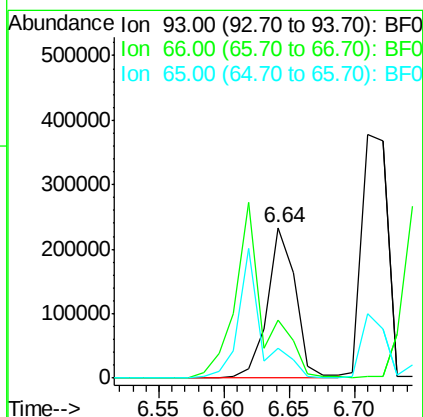
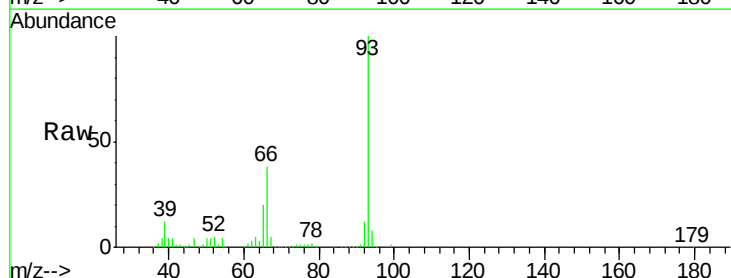
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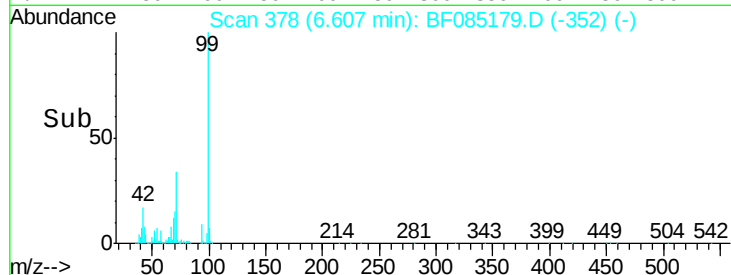
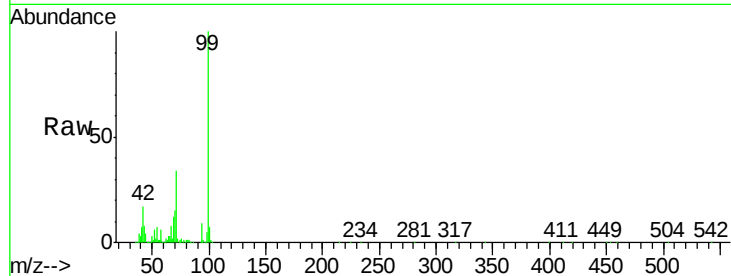
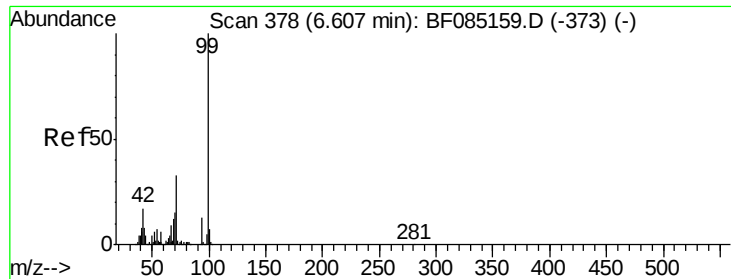
Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Tgt Ion:	93	Resp:	357977
Ion	Ratio	Lower	Upper
93	100		
66	38.3	31.6	47.4
65	19.8	15.8	23.8





#7

Phenol-d6

Concen: 138.66 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Tgt Ion: 99 Resp: 1679771

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

71 33.5 26.7 40.1

Instrument :

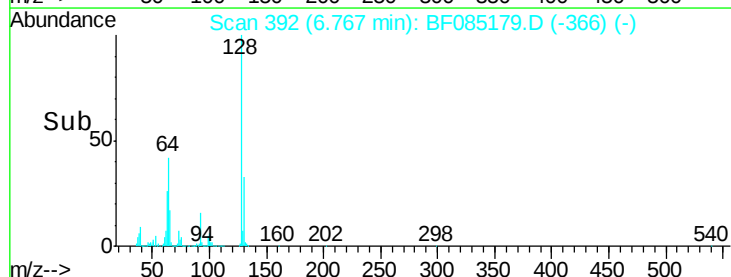
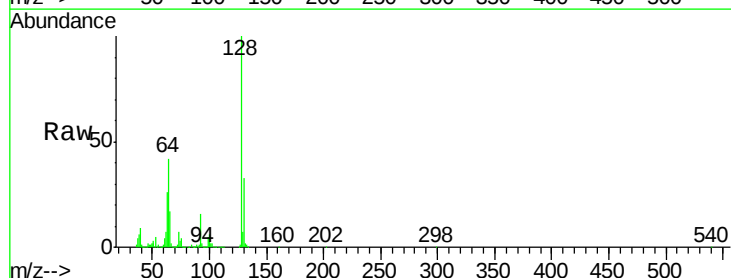
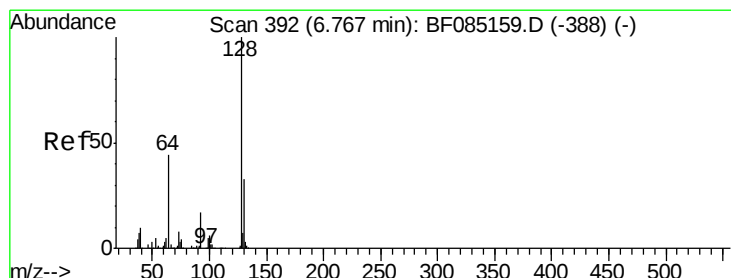
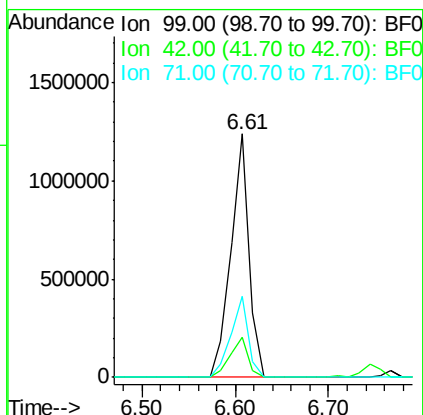
BNA_F

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SB-47(COMP)MS

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#8

2-Chlorophenol

Concen: 50.70 ng

RT: 6.77 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

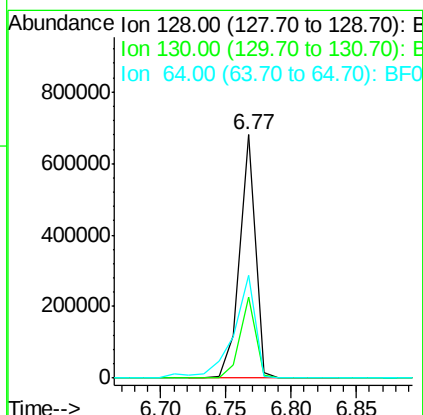
Tgt Ion: 128 Resp: 564376

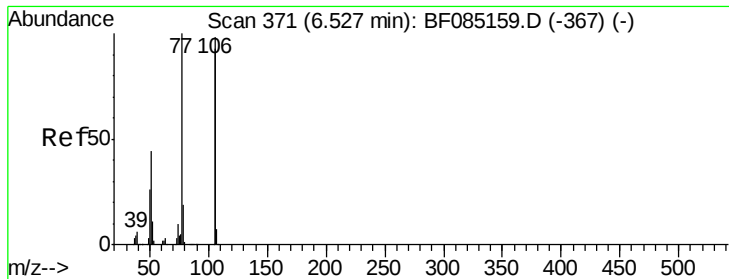
Ion Ratio Lower Upper

128 100

130 33.3 13.3 53.3

64 42.3 25.7 65.7





#9

Benzaldehyde

Concen: 35.52 ng

RT: 6.53 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF085179.D

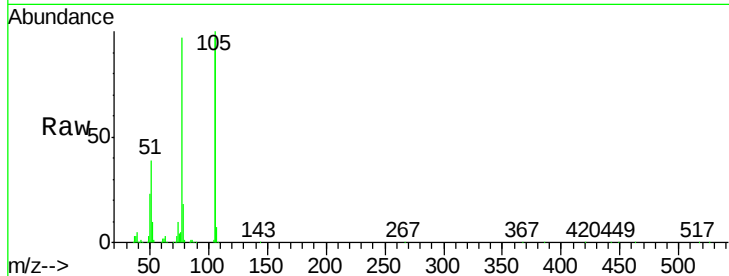
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Instrument :

BNA_F

ClientSampleId :

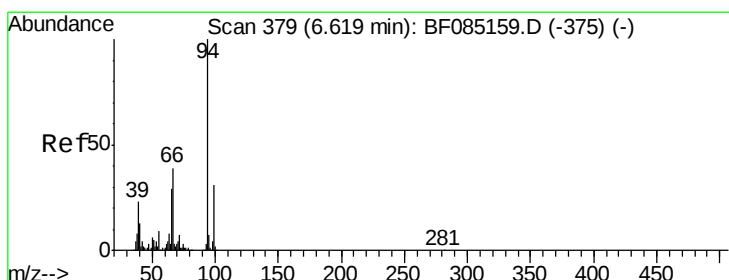
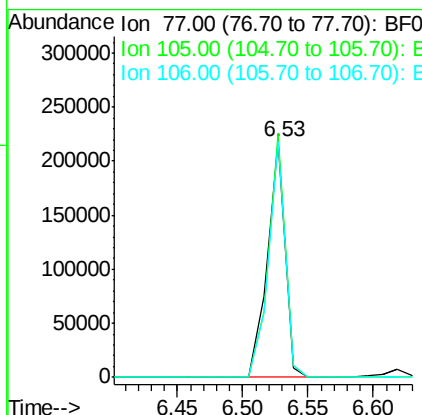
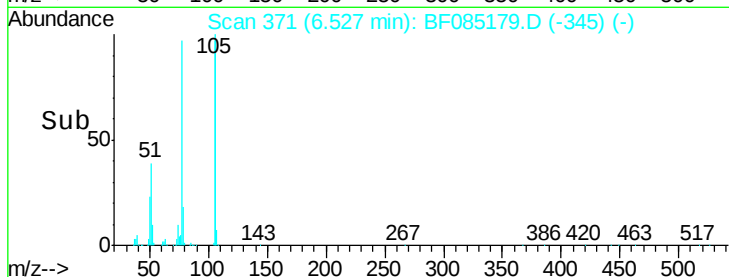
SB-47(COMP)MS



Tgt Ion:	77	Resp:	208416
Ion Ratio	Lower	Upper	
77	100		
105	103.3	78.2	118.2
106	99.9	72.9	112.9

Manual Integrations
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#10

Phenol

Concen: 47.18 ng m

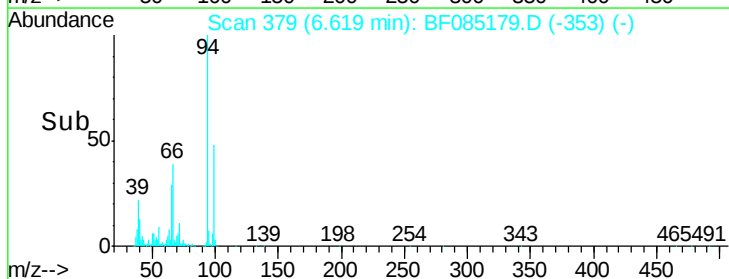
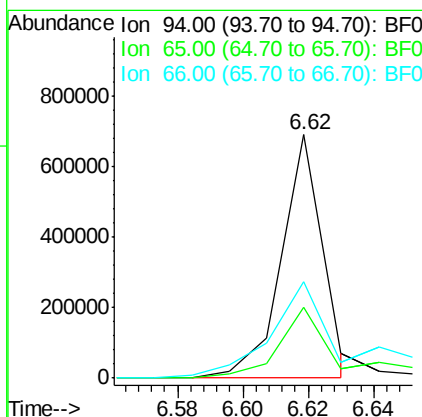
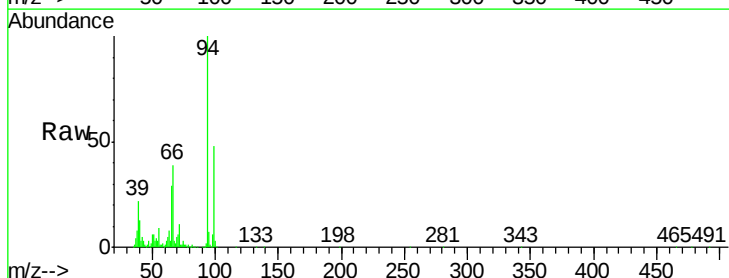
RT: 6.62 min Scan# 379

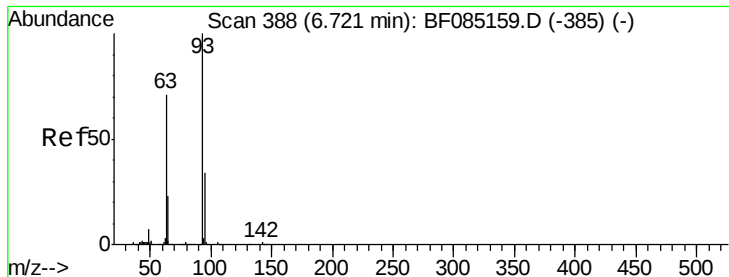
Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Tgt Ion:	94	Resp:	612172
Ion Ratio	Lower	Upper	
94	100		
65	29.2	9.1	49.1
66	39.4	19.3	59.3





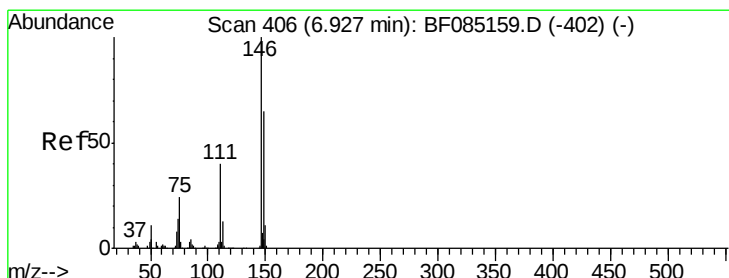
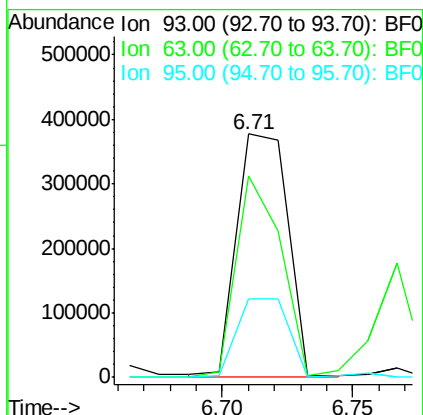
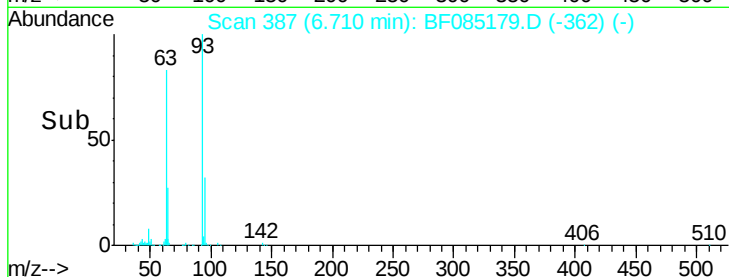
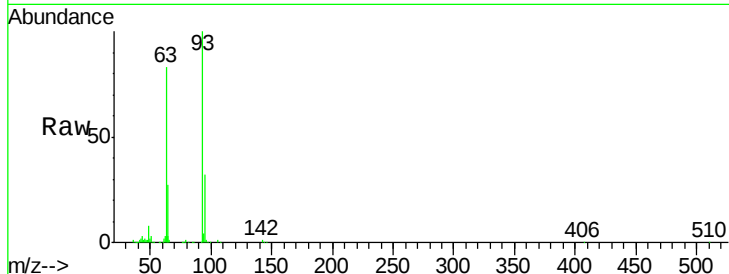
#11
bis(2-Chloroethyl)ether
Concen: 48.23 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.7	50.9	90.9
95	32.4	13.7	53.7

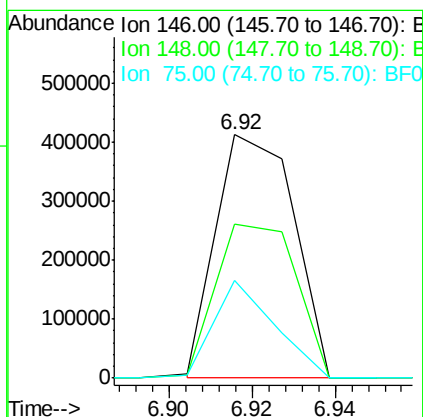
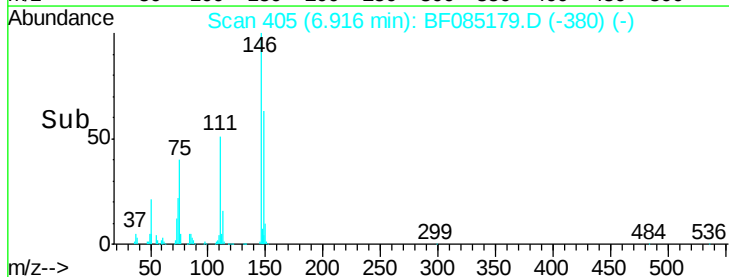
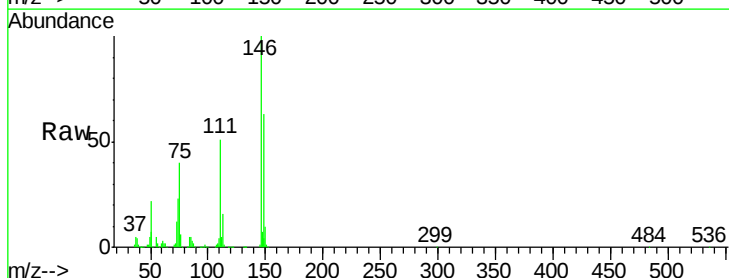
Manual Integrations
APPROVED

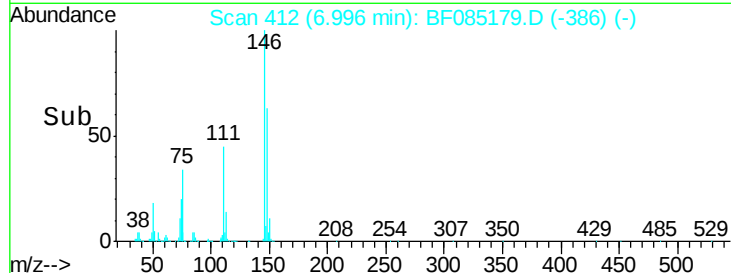
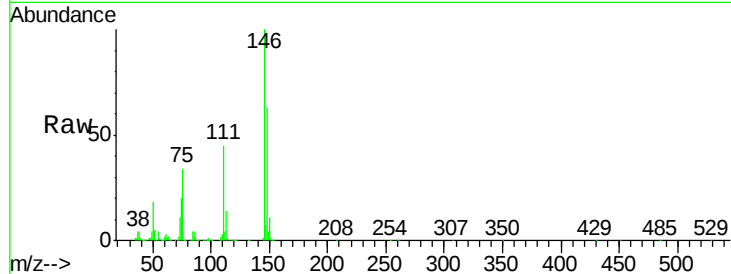
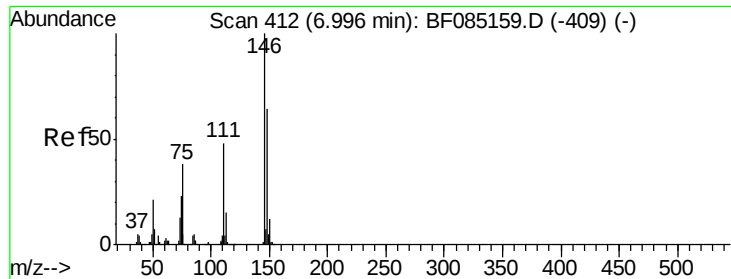
Sohil
3/4/2016 4:36:05 PM



#12
1,3-Dichlorobenzene
Concen: 45.12 ng m
RT: 6.92 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.1	78.1
75	40.0	19.5	29.3





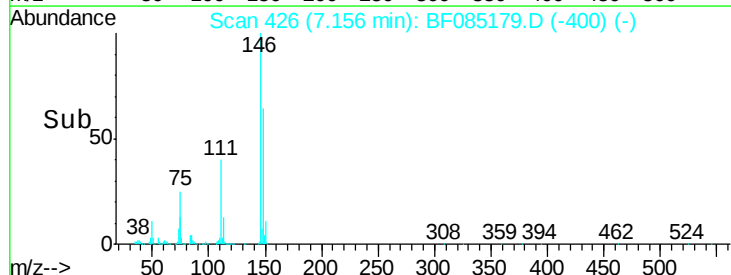
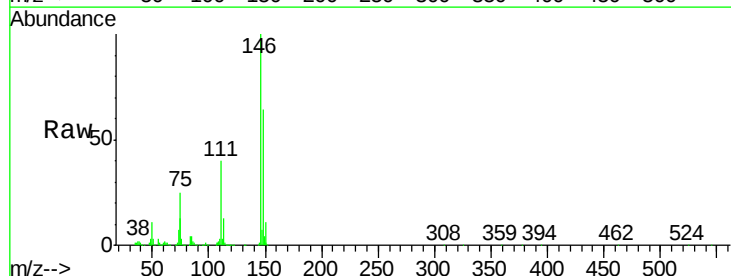
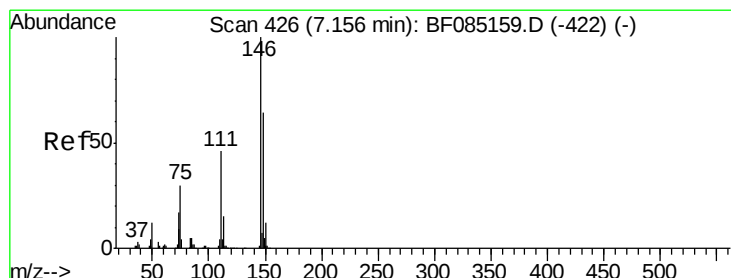
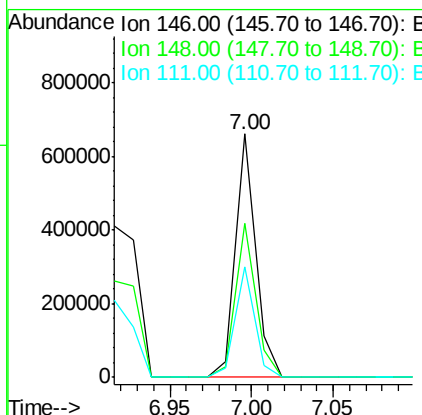
#13
1,4-Dichlorobenzene
Concen: 46.90 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.3	76.9
111	45.3	38.4	57.6

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

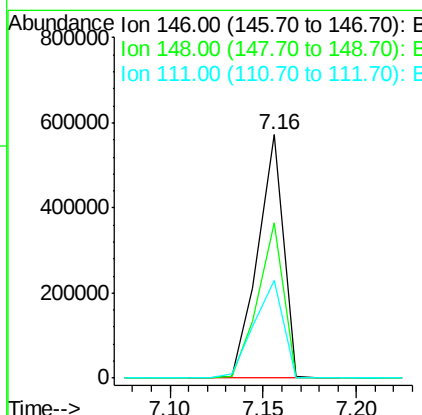
Manual Integrations
APPROVED

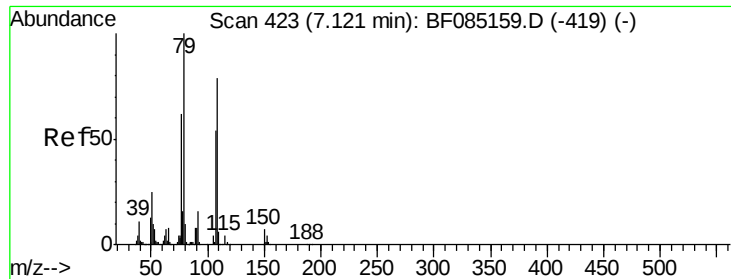
Sohil
3/4/2016 4:36:05 PM



#14
1,2-Dichlorobenzene
Concen: 49.90 ng
RT: 7.16 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
111	40.0	36.7	55.1





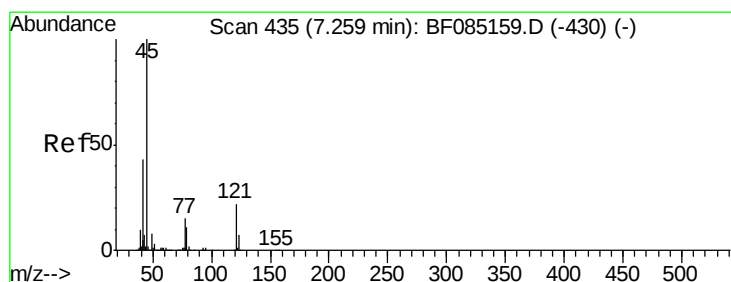
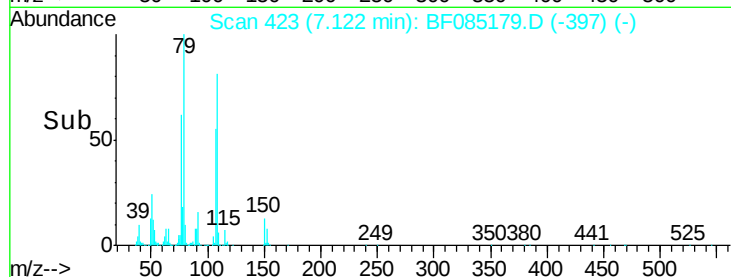
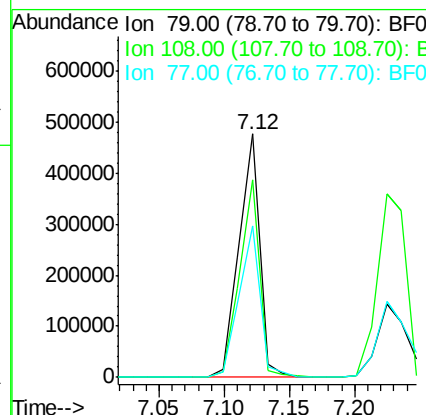
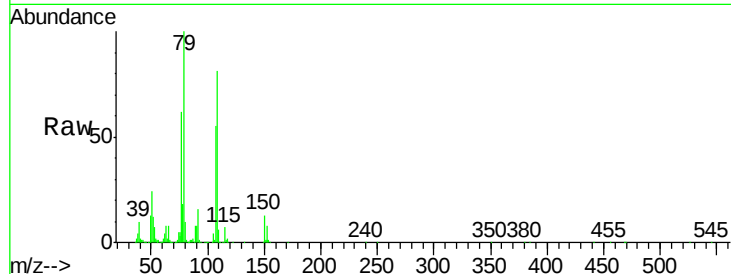
#15
Benzyl Alcohol
Concen: 59.02 ng
RT: 7.12 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.2	62.9	94.3
77	62.2	49.5	74.3

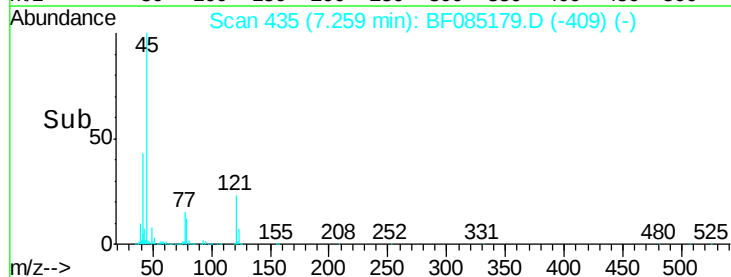
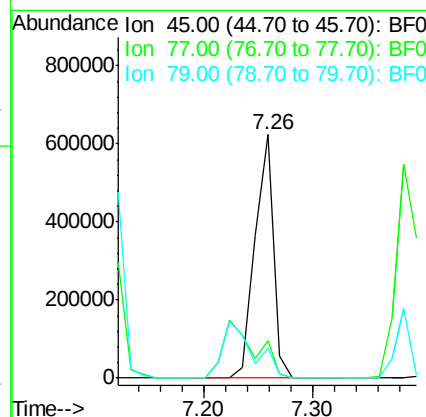
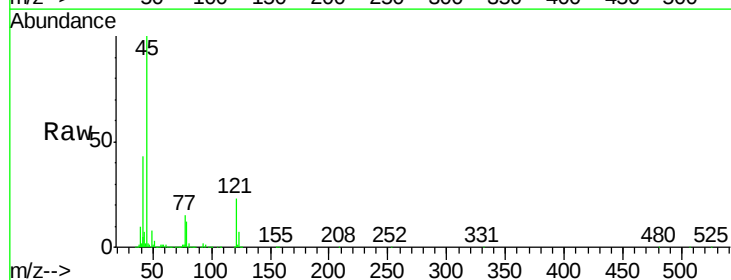
Manual Integrations
APPROVED

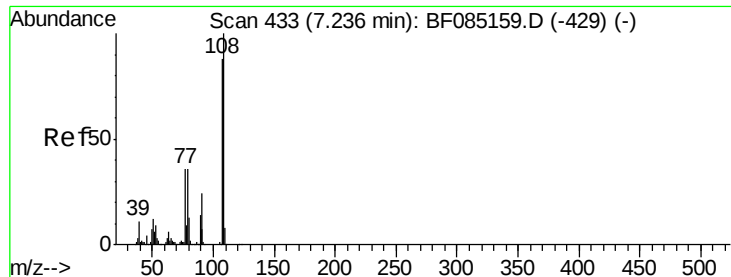
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.42 ng
RT: 7.26 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	35.1
79	12.1	0.0	31.3





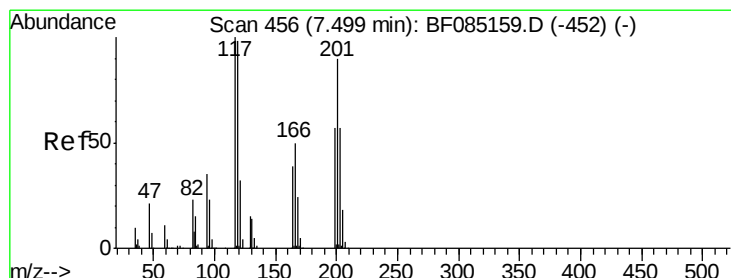
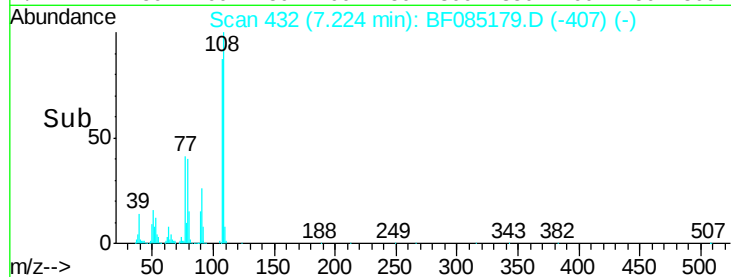
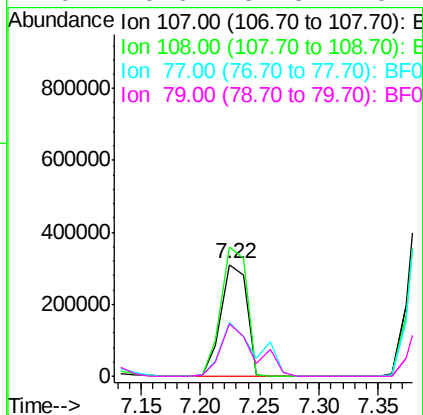
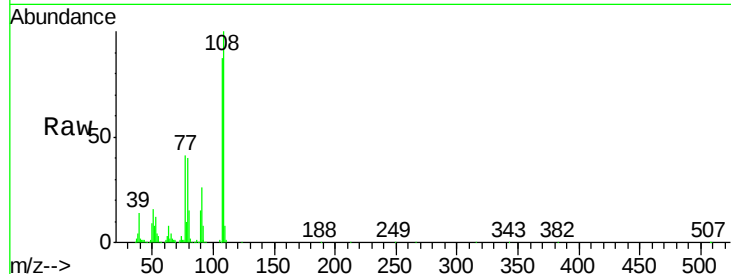
#17
2-Methylphenol
Concen: 51.60 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion:	107	Resp:	468679
Ion Ratio	Lower	Upper	
107	100		
108	115.5	90.9	136.3
77	47.6	32.6	48.8
79	46.6	32.8	49.2

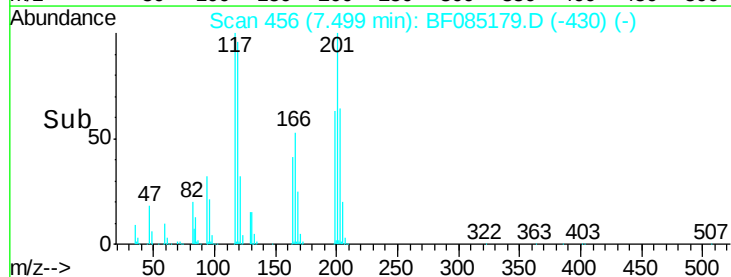
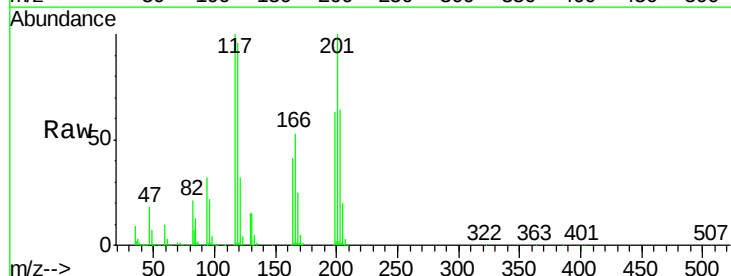
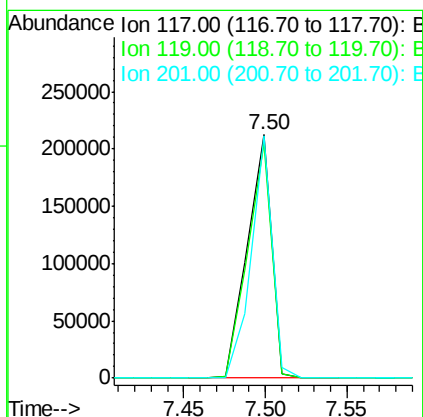
Manual Integrations
APPROVED

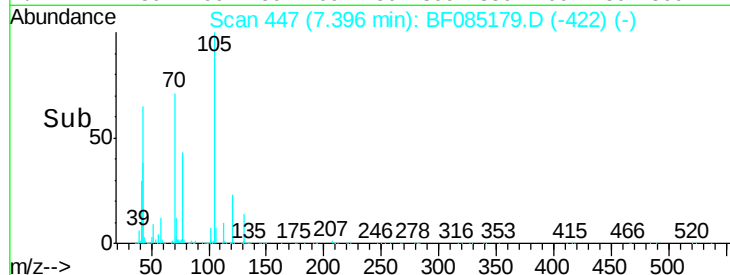
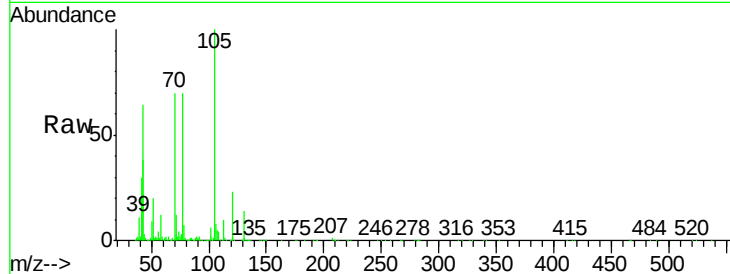
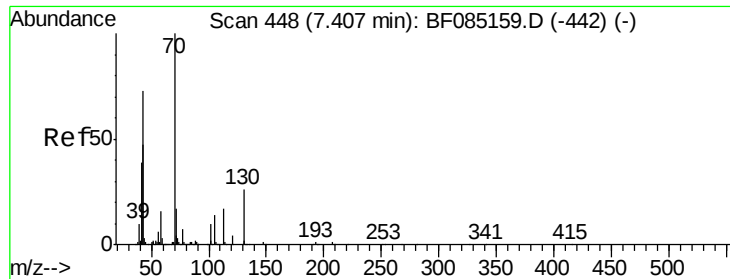
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#18
Hexachloroethane
Concen: 49.40 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion:	117	Resp:	218298
Ion Ratio	Lower	Upper	
117	100		
119	96.3	78.2	117.4
201	99.7	72.0	108.0





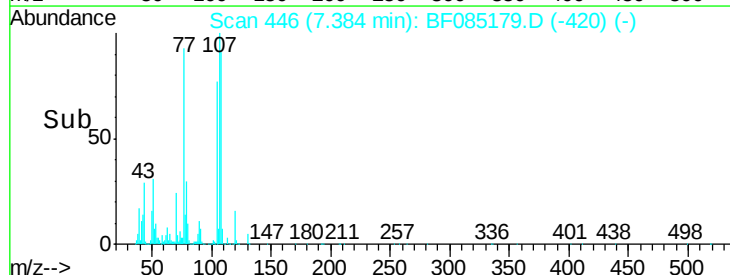
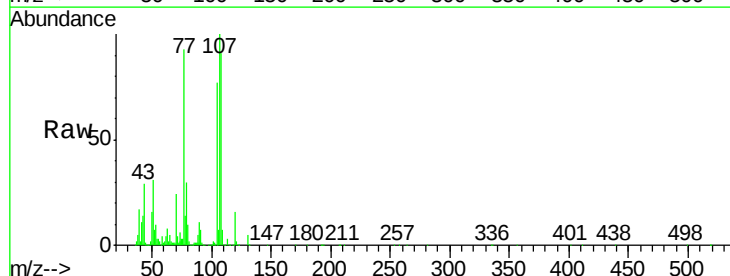
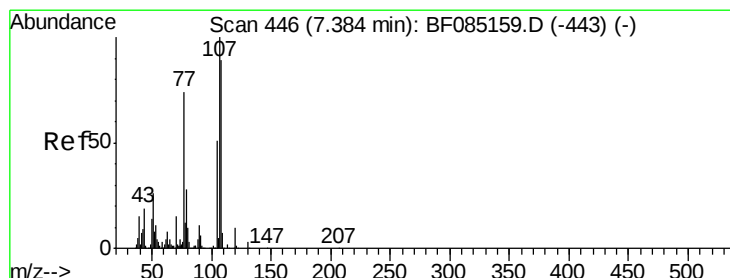
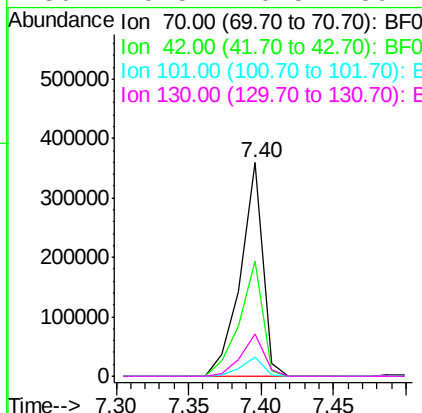
#19
n-Nitroso-di-n-propylamine
Concen: 48.78 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		385181		
42	53.8	37.7	56.5		
101	9.2	8.2	12.4		
130	19.5	20.5	30.7#		

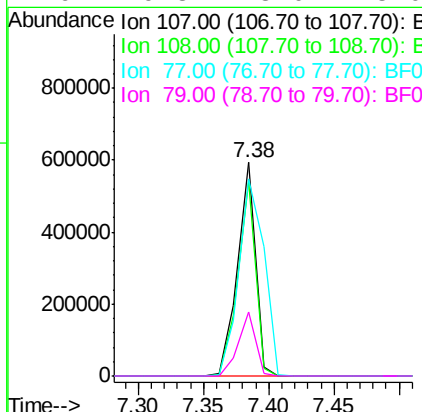
Manual Integrations
APPROVED

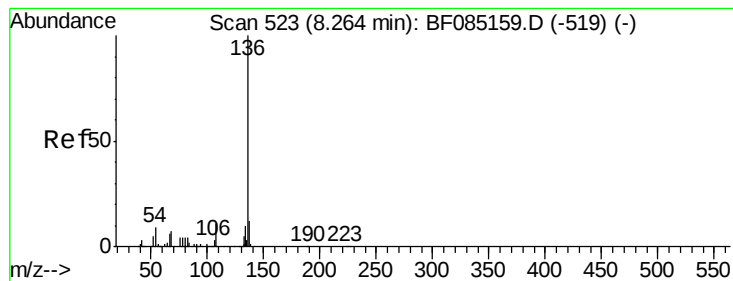
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#20
3+4-Methylphenols
Concen: 52.41 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		563898		
108	91.3	68.8	108.8		
77	92.5	53.6	93.6		
79	29.8	8.0	48.0		





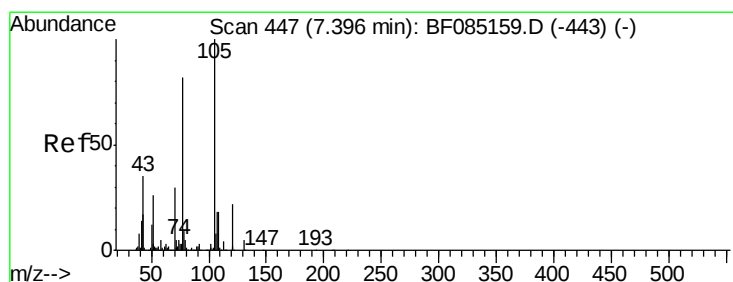
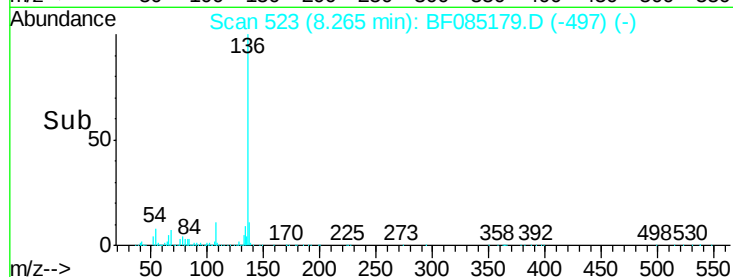
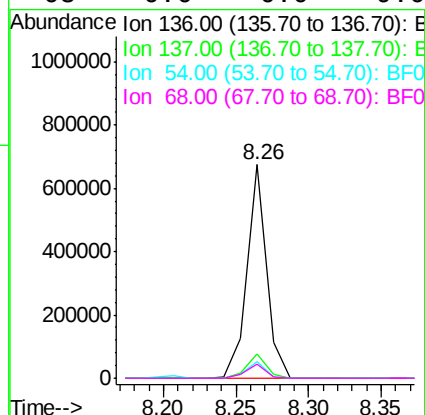
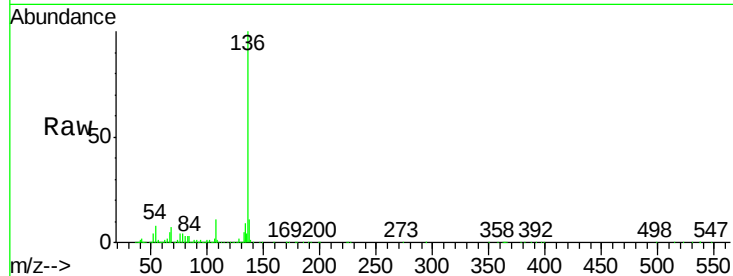
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	629152		
137	11.4	9.3	13.9	
54	8.0	7.4	11.2	
68	6.6	6.0	9.0	

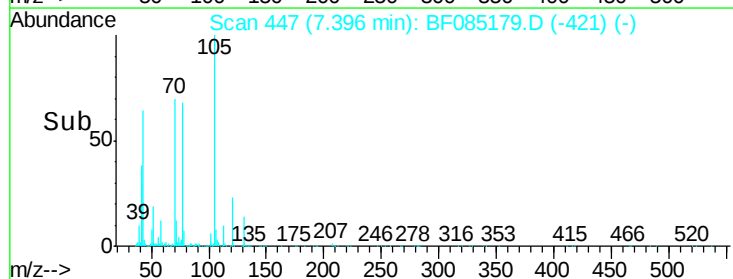
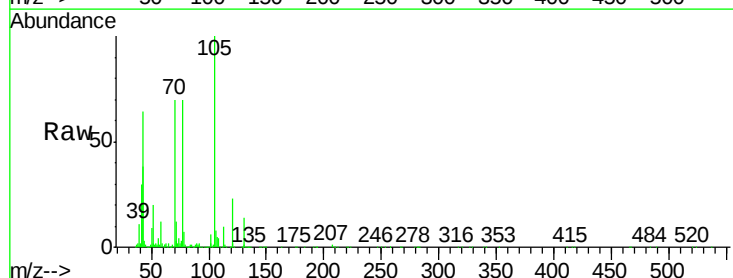
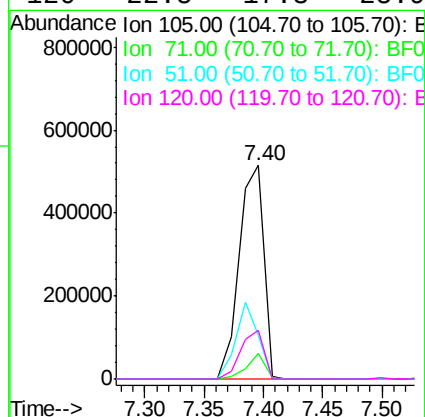
Manual Integrations
APPROVED

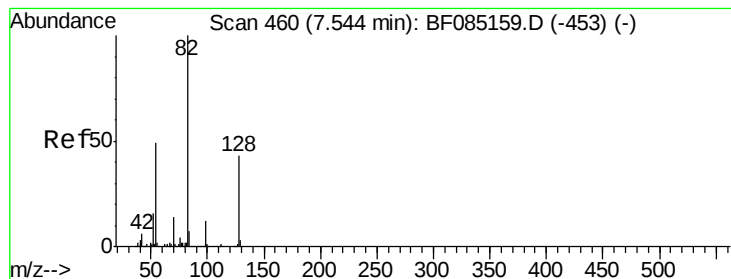
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#22
Acetophenone
Concen: 48.34 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	742331		
71	11.8	4.1	6.1#	
51	20.3	21.1	31.7#	
120	22.5	17.3	25.9	





#23

Nitrobenzene-d5

Concen: 97.41 ng

RT: 7.54 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

ClientSampleId :

SB-47(COMP)MS

Tgt Ion: 82 Resp: 1145217

Ion Ratio Lower Upper

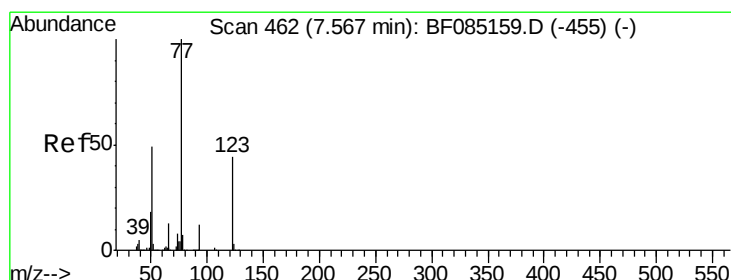
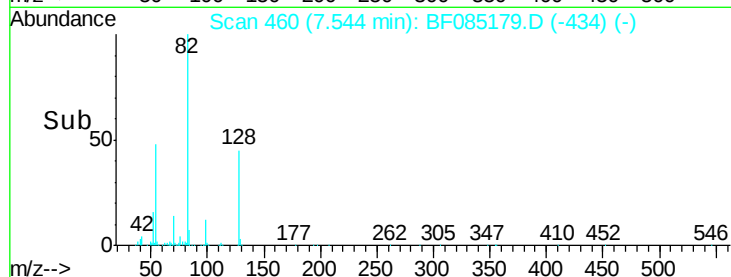
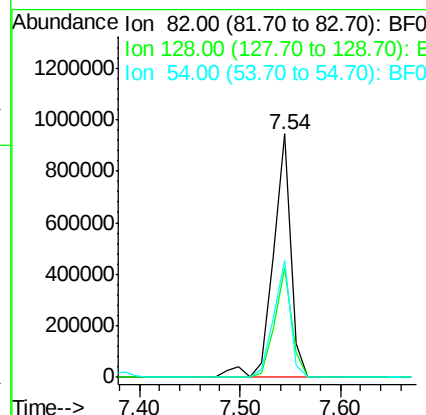
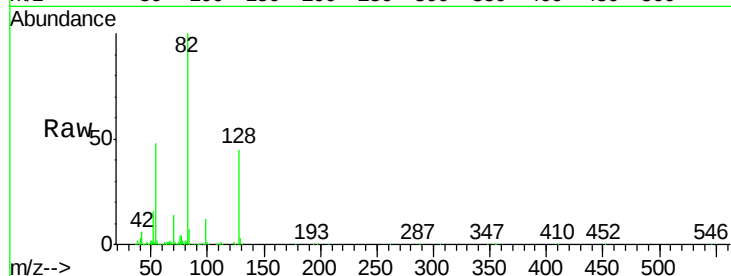
82 100

128 44.7 34.5 51.7

54 48.2 39.3 58.9

Manual Integrations
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#24

Nitrobenzene

Concen: 53.52 ng

RT: 7.57 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

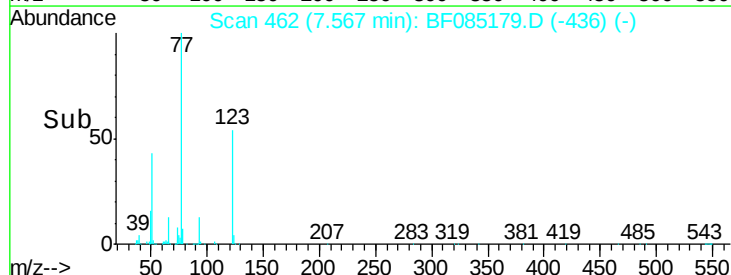
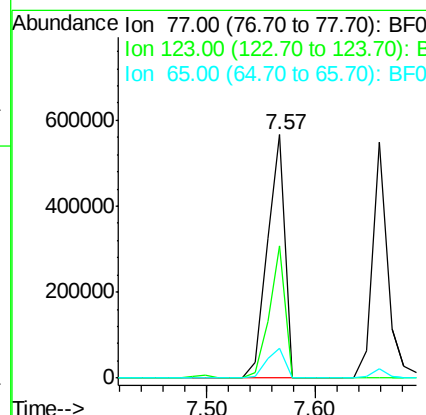
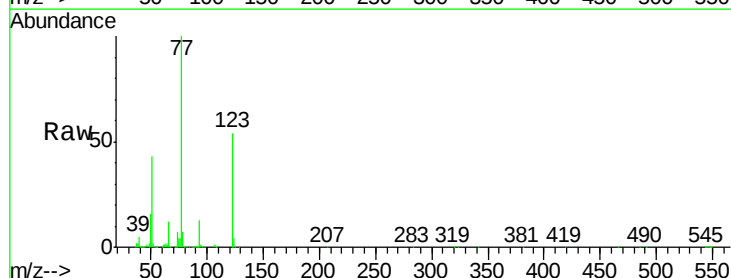
Tgt Ion: 77 Resp: 639266

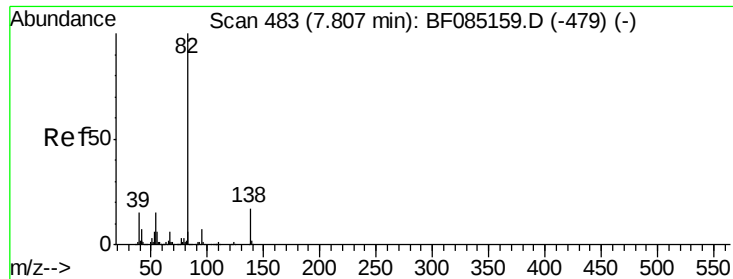
Ion Ratio Lower Upper

77 100

123 54.2 35.4 53.2#

65 12.4 10.6 16.0





#25

Isophorone

Concen: 51.22 ng

RT: 7.81 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

ClientSampleId :

SB-47(COMP)MS

Tgt Ion: 82 Resp: 1116051

Ion Ratio Lower Upper

82 100

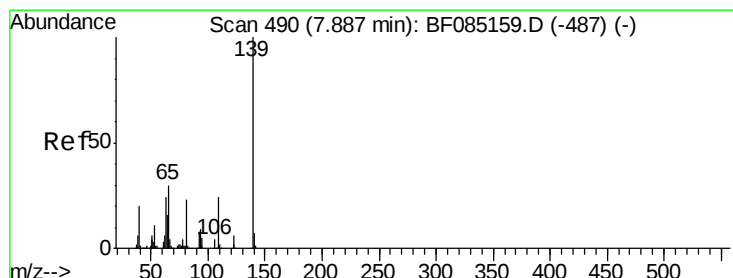
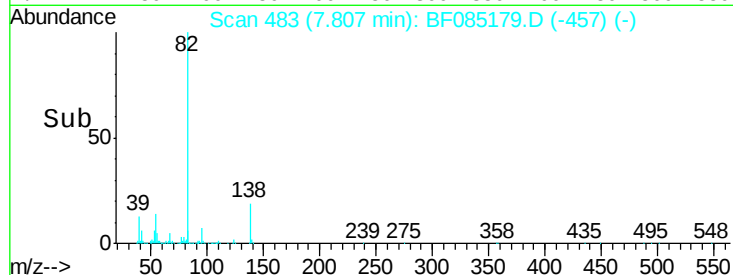
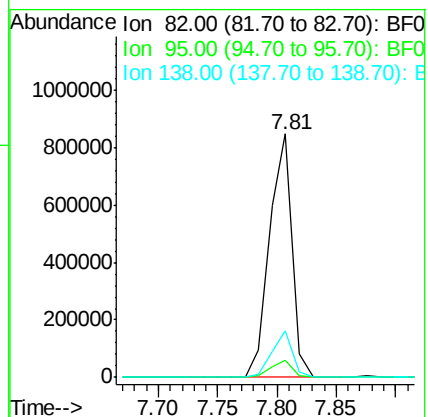
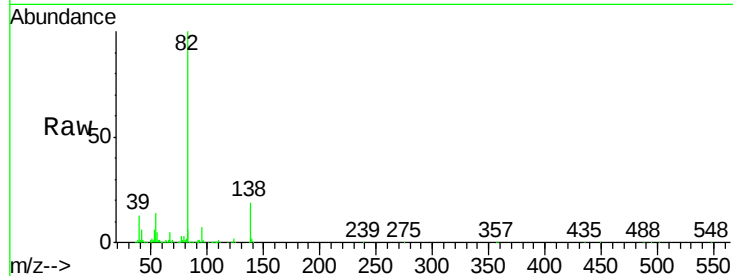
95 7.0 5.4 8.2

138 19.0 13.3 19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.35 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

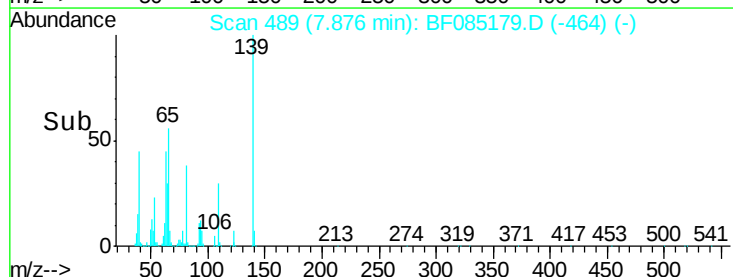
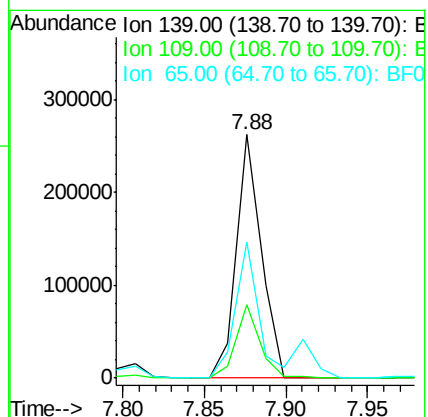
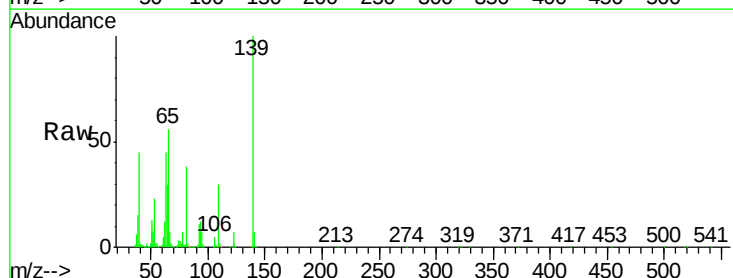
Tgt Ion: 139 Resp: 275229

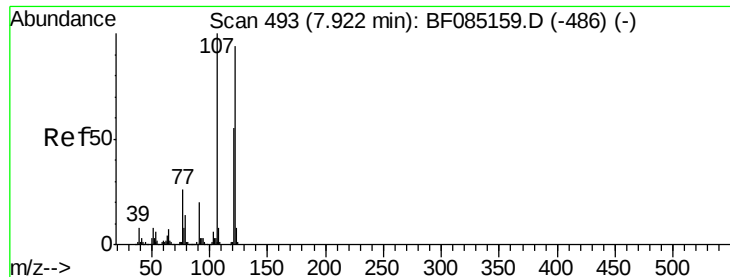
Ion Ratio Lower Upper

139 100

109 29.9 19.1 28.7#

65 55.7 23.9 35.9#





#27

2,4-Dimethylphenol

Concen: 46.39 ng

RT: 7.91 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

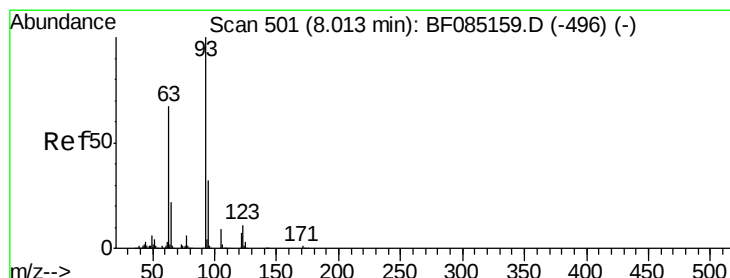
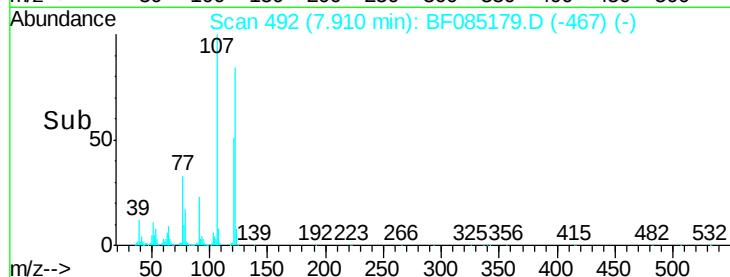
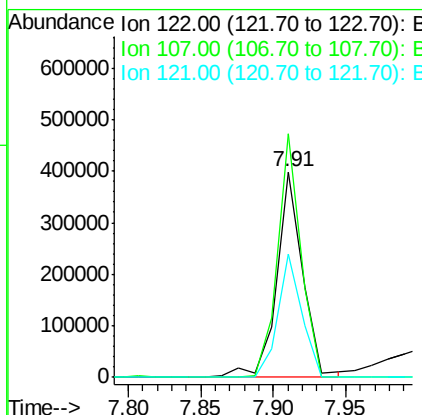
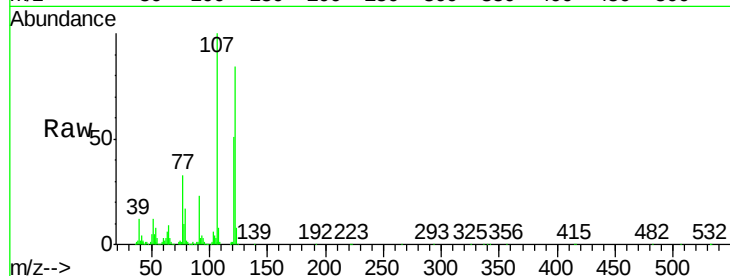
ClientSampleId :

SB-47(COMP)MS

Tgt Ion:	122	Resp:	492780
Ion Ratio	Lower	Upper	
122	100		
107	118.4	84.8	127.2
121	60.0	47.0	70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 58.34 ng

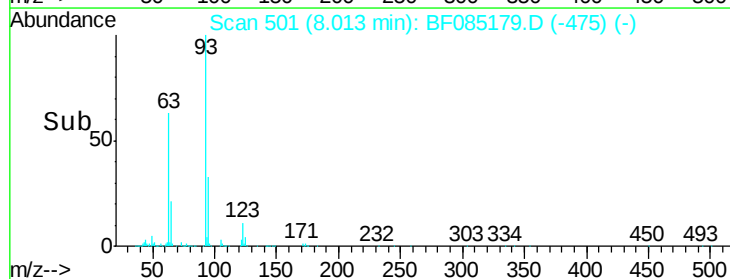
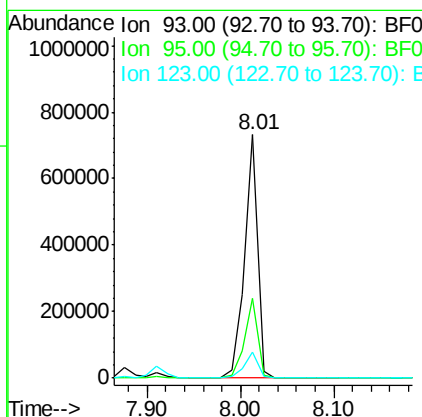
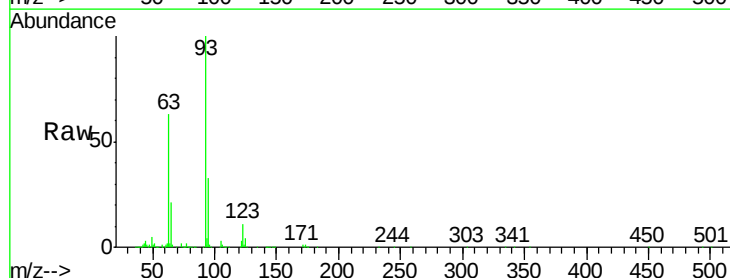
RT: 8.01 min Scan# 501

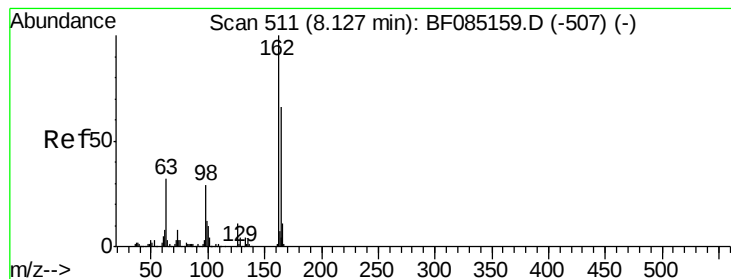
Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Tgt Ion:	93	Resp:	707913
Ion Ratio	Lower	Upper	
93	100		
95	32.6	25.9	38.9
123	10.9	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 49.61 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

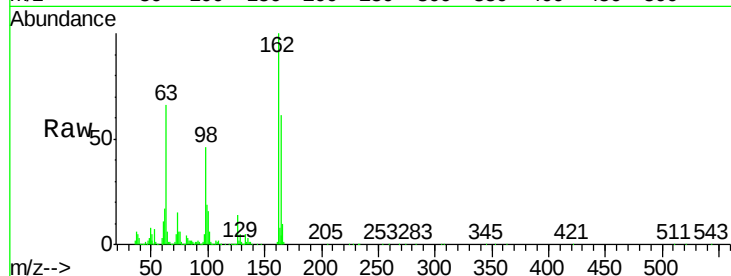
ClientSampleId :

SB-47(COMP)MS

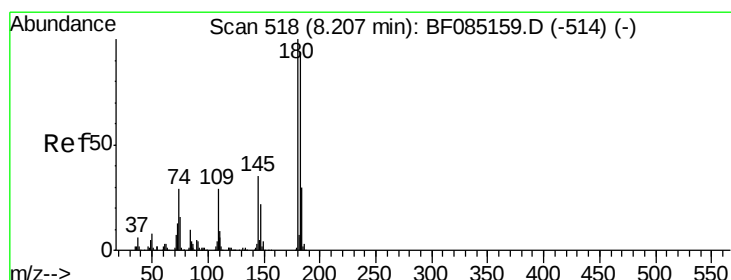
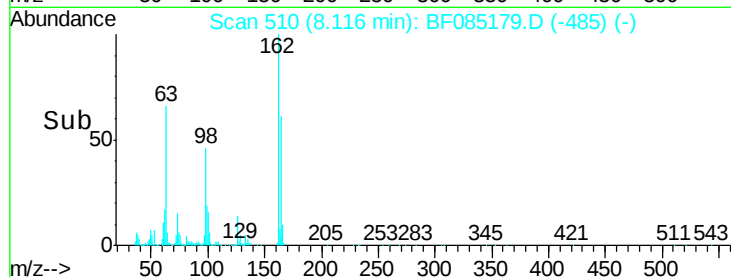
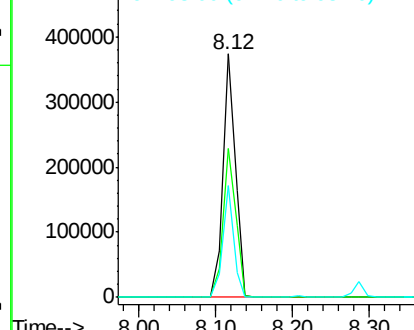
Tgt Ion:	162	Resp:	425023
Ion Ratio	Lower	Upper	
162	100		
164	61.4	45.7	85.7
98	45.7	9.4	49.4

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



#30

1,2,4-Trichlorobenzene

Concen: 51.91 ng

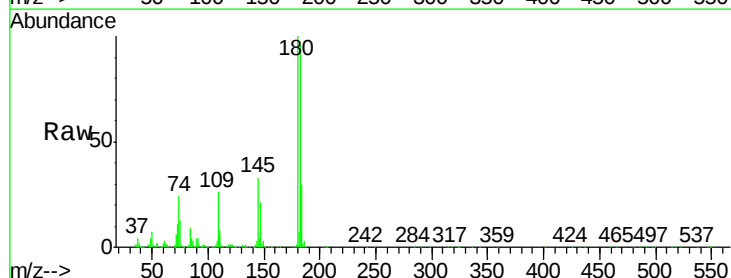
RT: 8.21 min Scan# 518

Delta R.T. 0.00 min

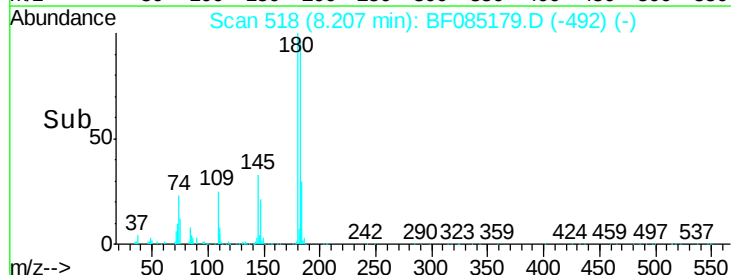
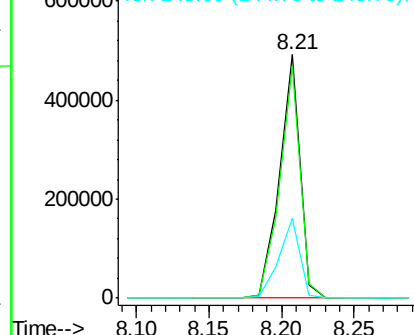
Lab File: BF085179.D

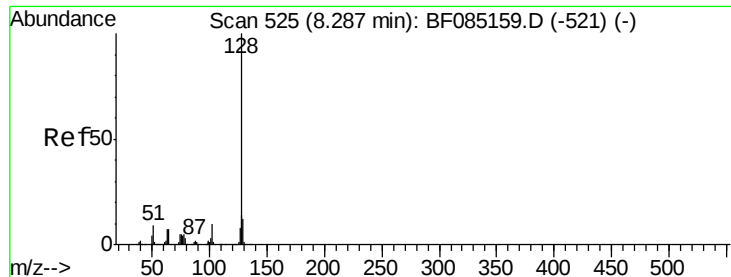
Acq: 4 Mar 2016 1:53

Tgt Ion:	180	Resp:	480751
Ion Ratio	Lower	Upper	
180	100		
182	95.6	74.9	112.3
145	32.5	27.9	41.9



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





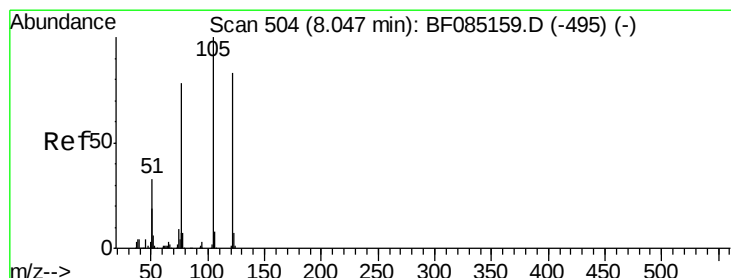
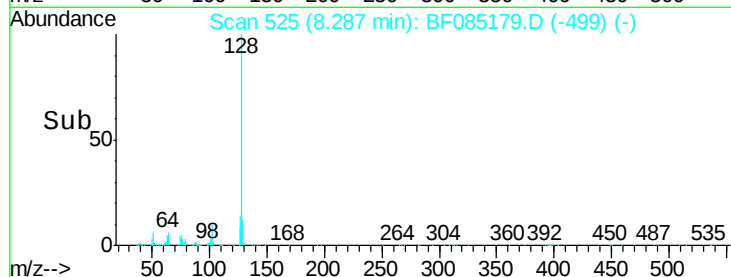
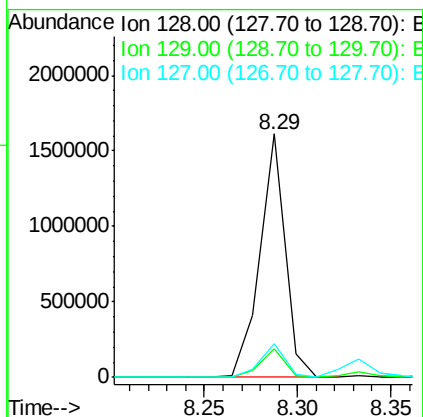
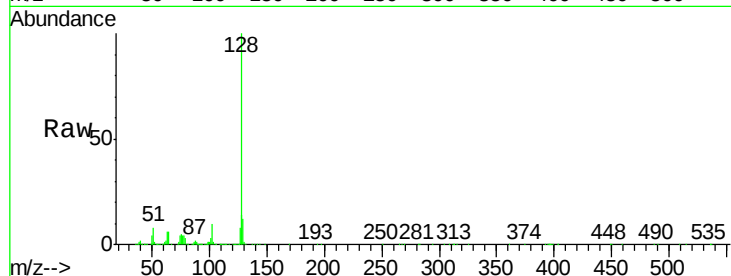
#31
Naphthalene
Concen: 48.71 ng
RT: 8.29 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.7	14.5
127	13.9	11.2	16.8

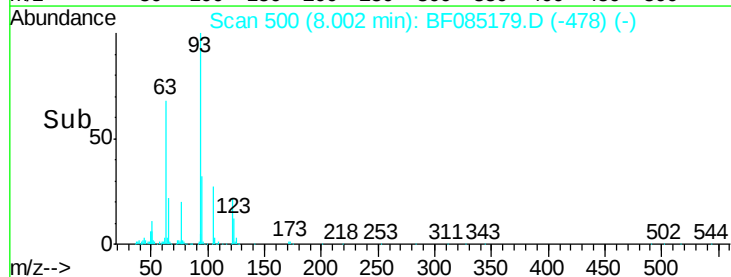
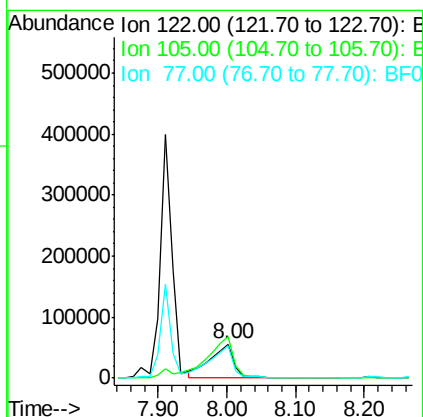
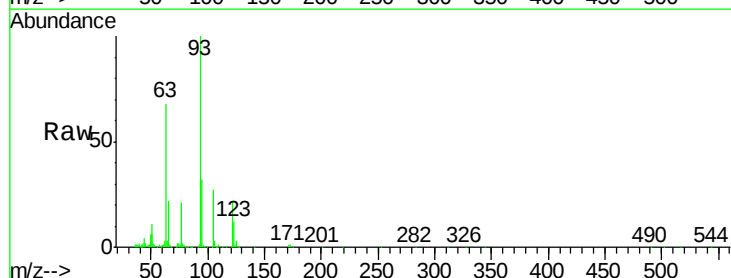
Manual Integrations
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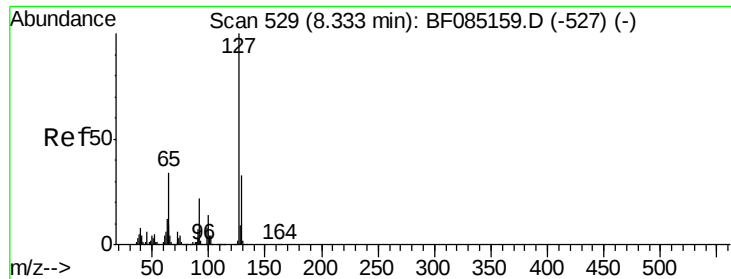
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#32
Benzoic acid
Concen: 19.91 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.05 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.3	101.3	141.3
77	93.8	74.7	114.7





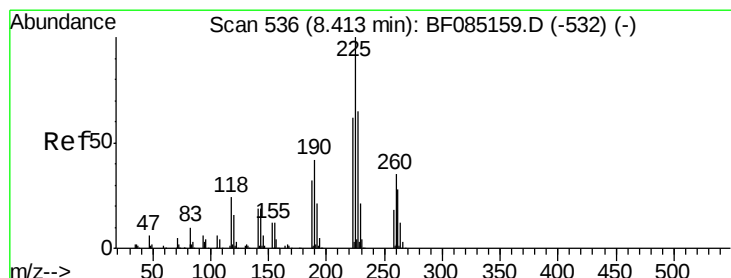
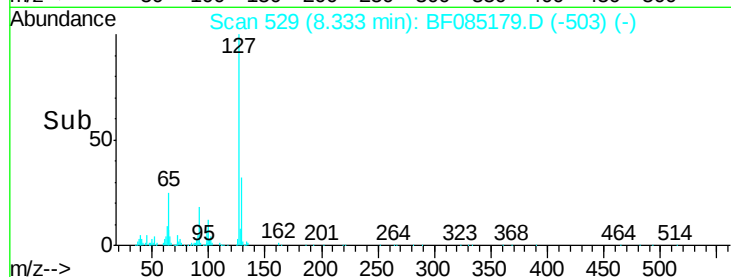
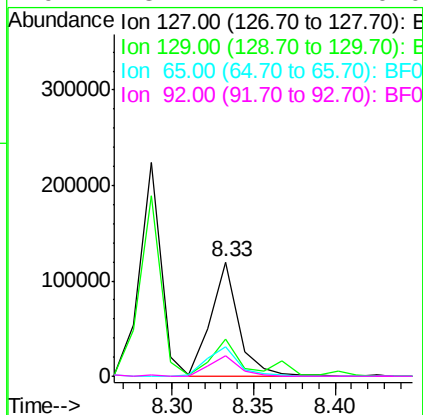
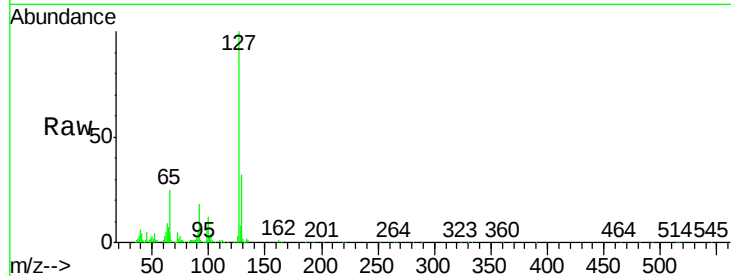
#33
4-Chloroaniline
Concen: 11.29 ng
RT: 8.33 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.4	26.1	39.1
65	25.3	27.0	40.6
92	18.4	17.4	26.0

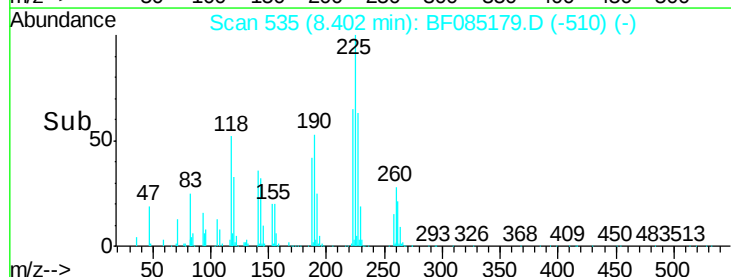
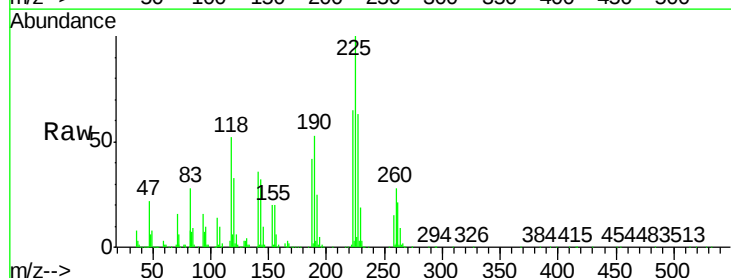
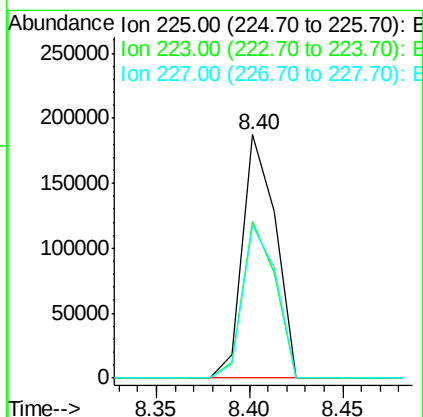
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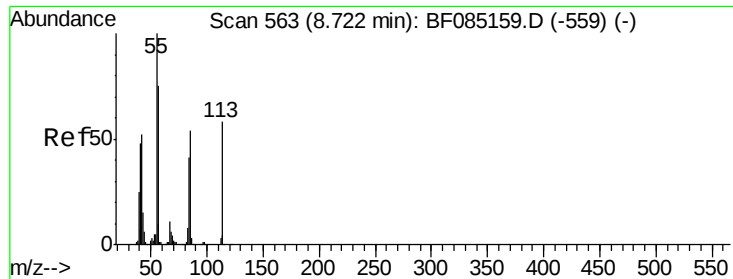
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#34
Hexachlorobutadiene
Concen: 47.58 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.6	49.7	74.5
227	62.8	52.2	78.4





#35

Caprolactam

Concen: 61.69 ng m

RT: 8.70 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

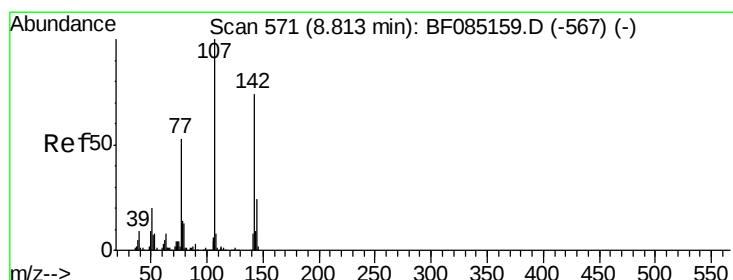
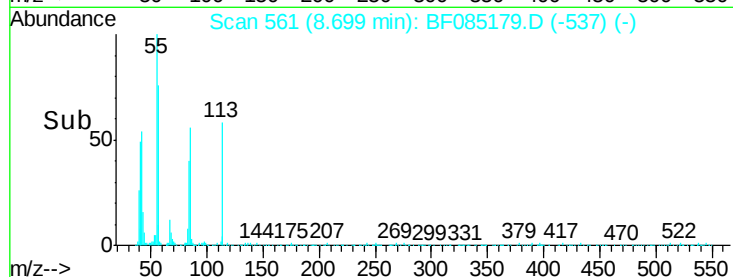
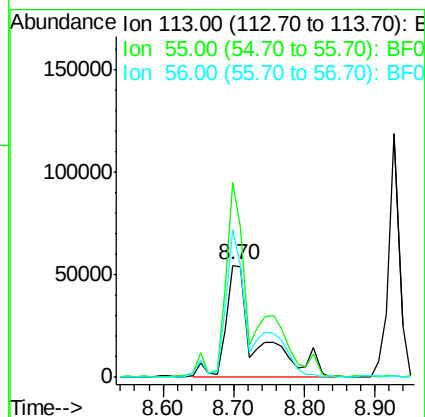
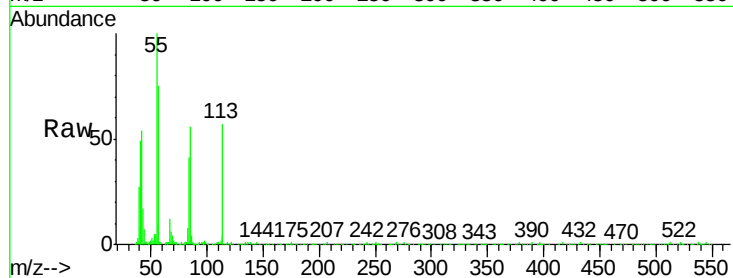
ClientSampleId :

SB-47(COMP)MS

Tgt Ion:	113	Resp:	172586
Ion Ratio	Lower	Upper	
113	100		
55	174.2	152.7	192.7
56	131.4	109.0	149.0

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#36

4-Chloro-3-methylphenol

Concen: 51.84 ng

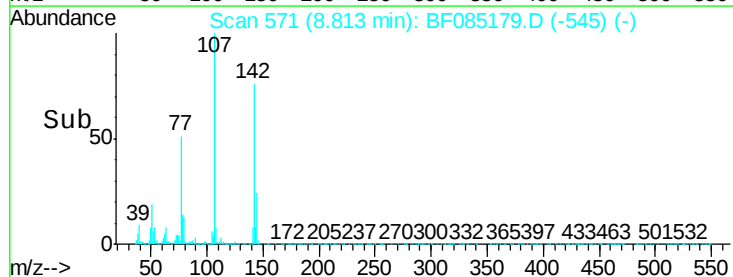
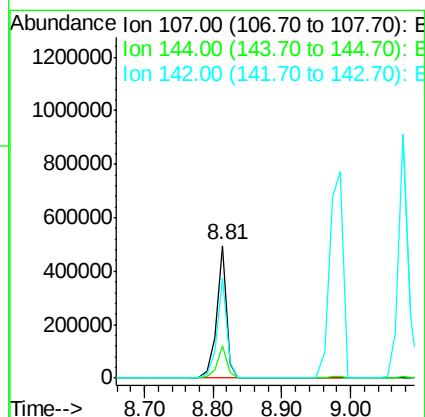
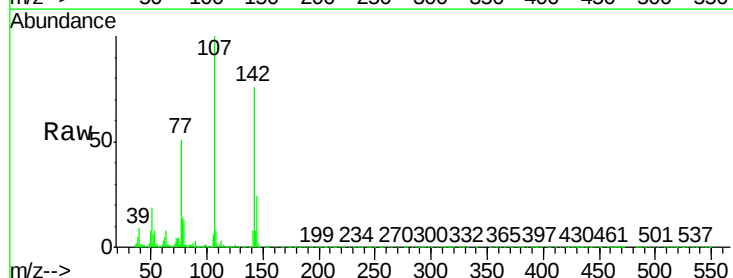
RT: 8.81 min Scan# 571

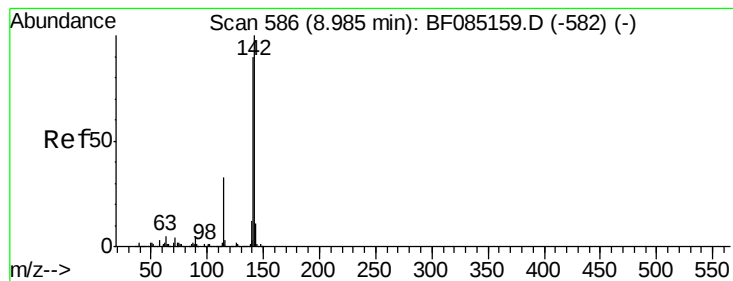
Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

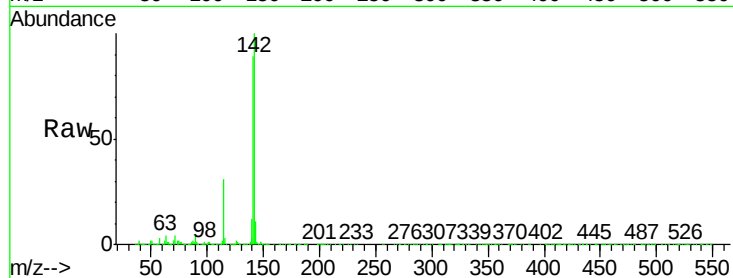
Tgt Ion:	107	Resp:	503762
Ion Ratio	Lower	Upper	
107	100		
144	24.1	19.4	29.2
142	75.6	59.4	89.2





#37
2-Methylnaphthalene
Concen: 53.70 ng
RT: 8.98 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

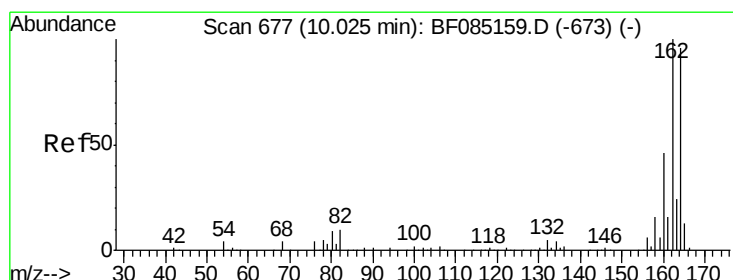
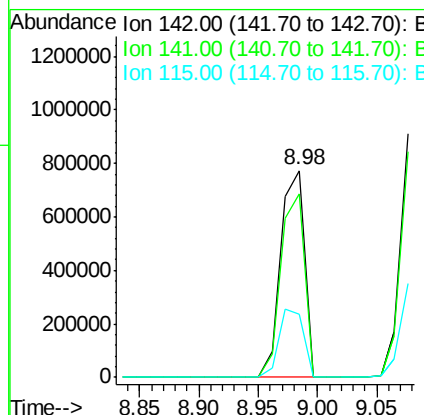
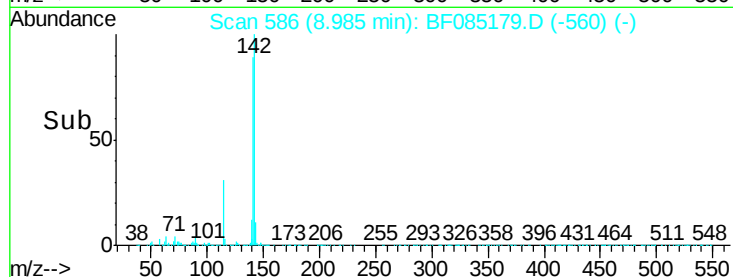
Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS



Tgt Ion:142 Resp: 1066152
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5
115 30.8 26.2 39.4

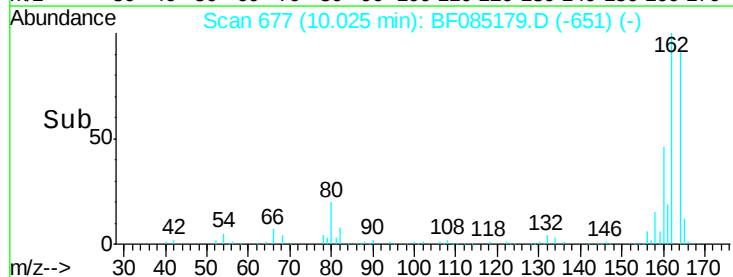
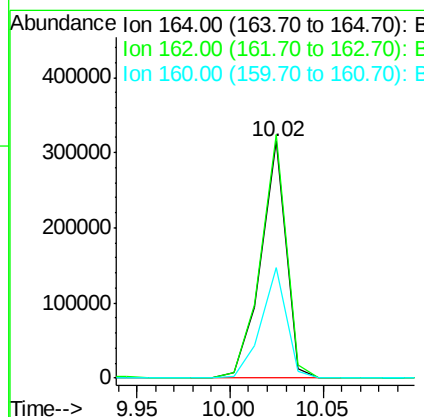
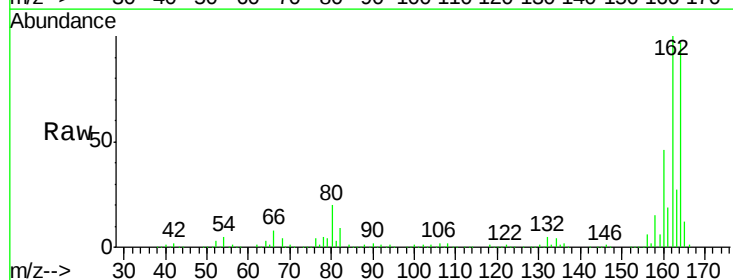
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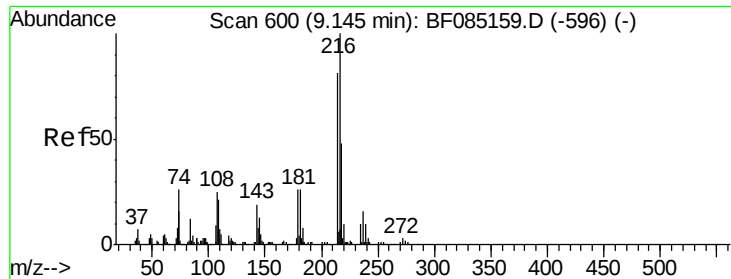
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion:164 Resp: 294093
Ion Ratio Lower Upper
164 100
162 102.7 83.3 124.9
160 46.8 37.9 56.9





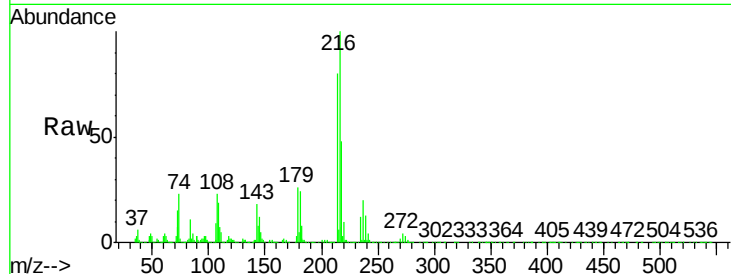
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.28 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-47(COMP)MS

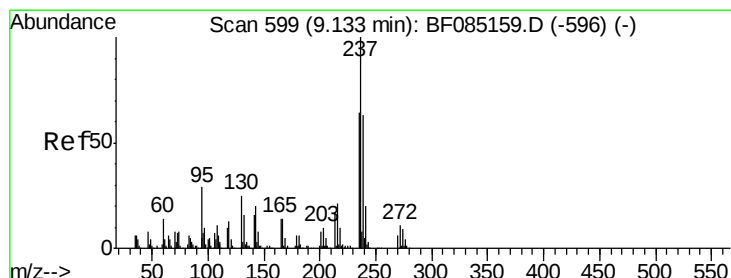
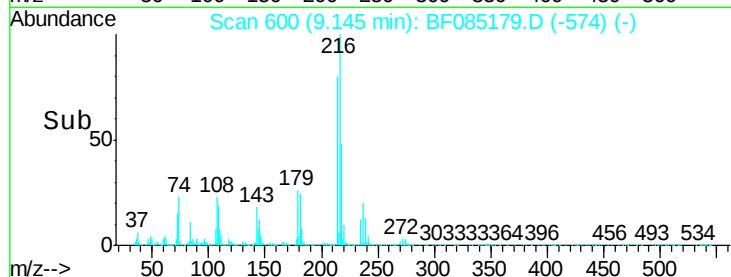
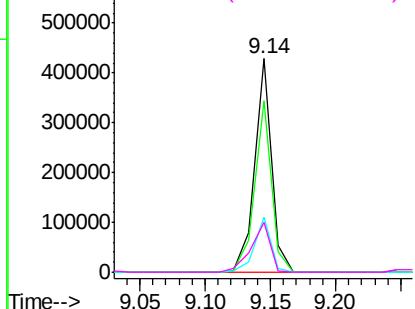
Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.8	95.6
179	25.1	19.6	29.4
108	26.8	19.6	29.4

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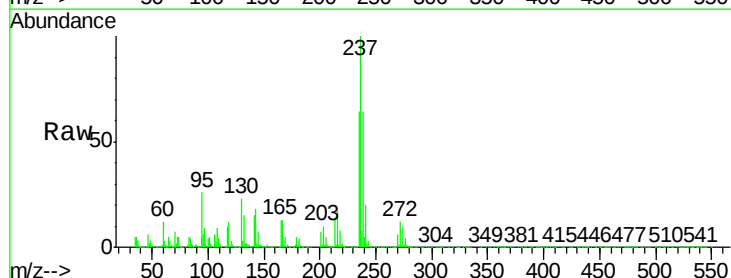


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

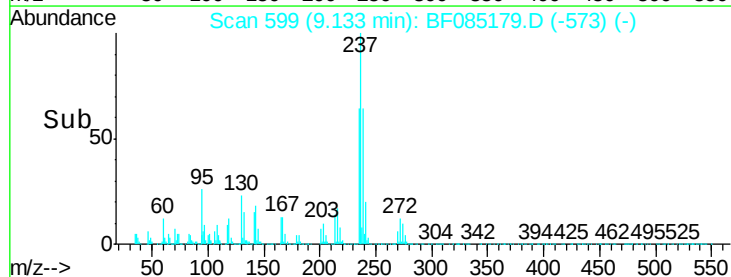
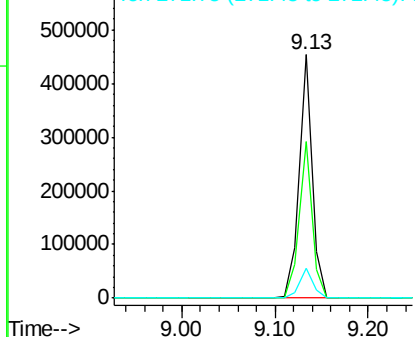


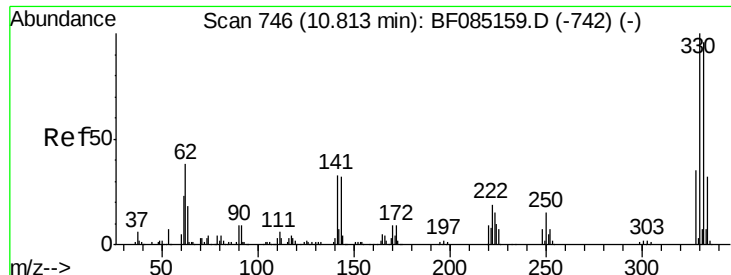
#40
 Hexachlorocyclopentadiene
 Concen: 96.74 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.4	43.7	83.7
272	12.1	0.0	31.5



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





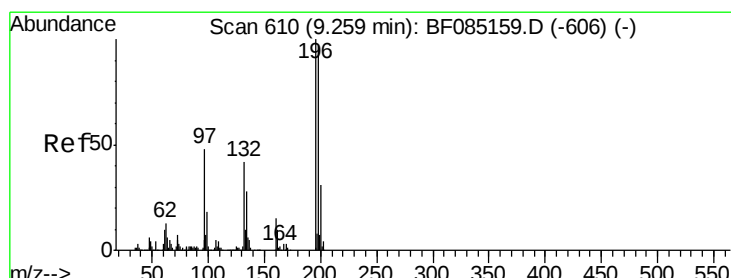
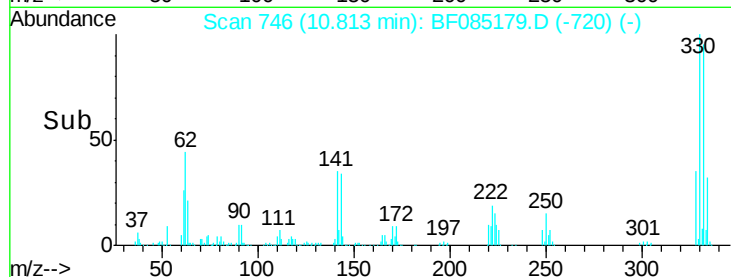
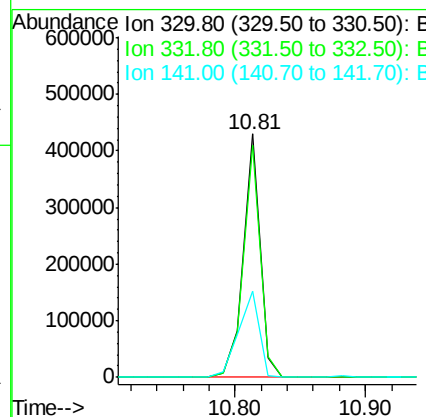
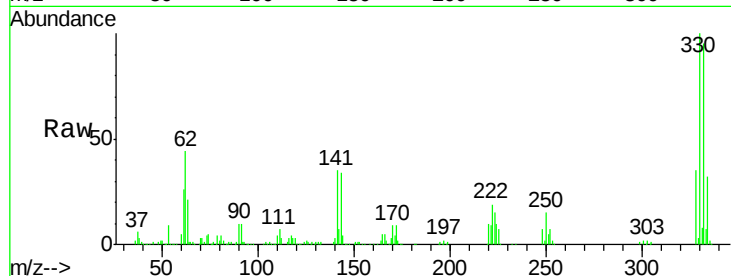
#41
 2,4,6-Tribromophenol
 Concen: 152.19 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-47(COMP)MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	382977		
332	96.0	77.1	115.7	
141	43.3	35.0	52.6	

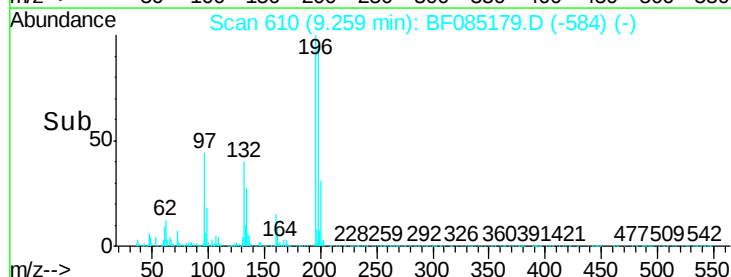
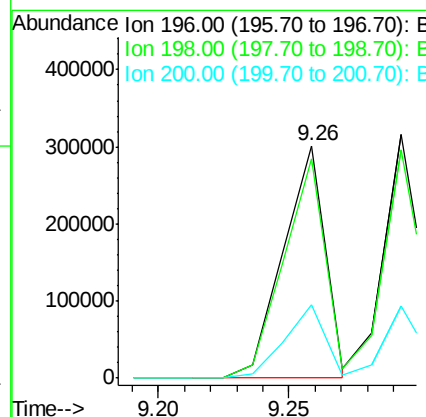
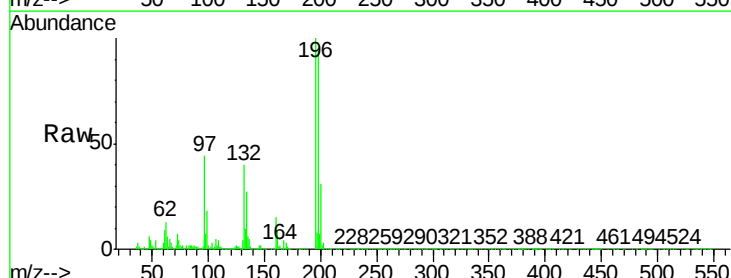
Manual Integrations
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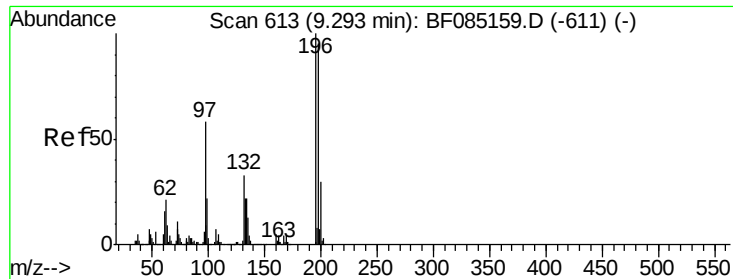
Sohil
 3/4/2016 4:36:05 PM



#42
 2,4,6-Trichlorophenol
 Concen: 53.95 ng
 RT: 9.26 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

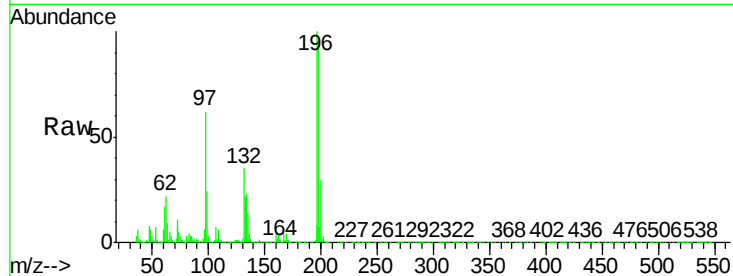
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	337801		
198	94.3	77.8	116.6	
200	31.4	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 52.69 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

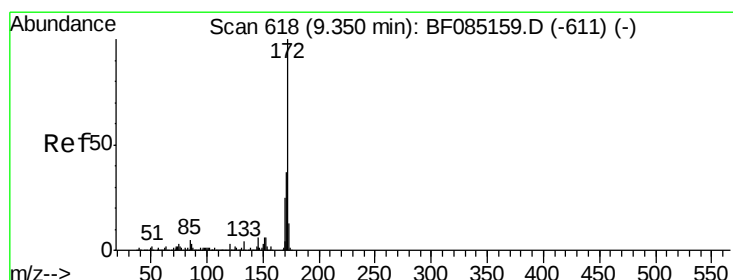
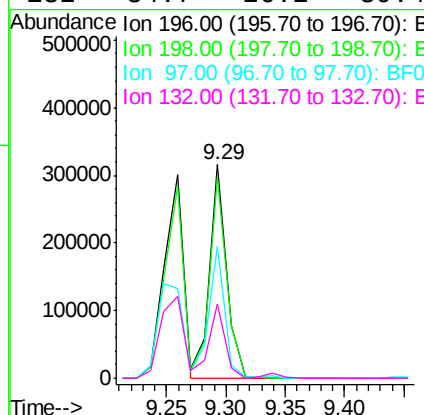
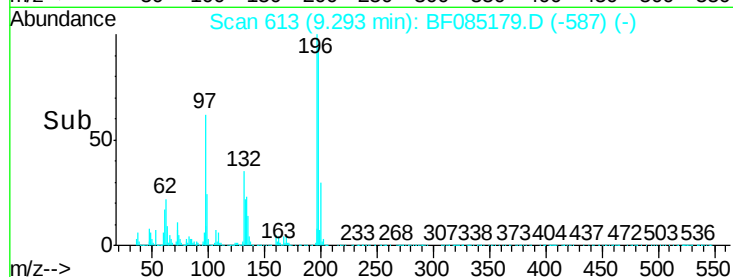
Instrument :
 BNA_F
 ClientSampleId :
 SB-47(COMP)MS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	312799		
198	94.0	75.7	113.5	
97	62.0	46.4	69.6	
132	34.7	26.2	39.4	

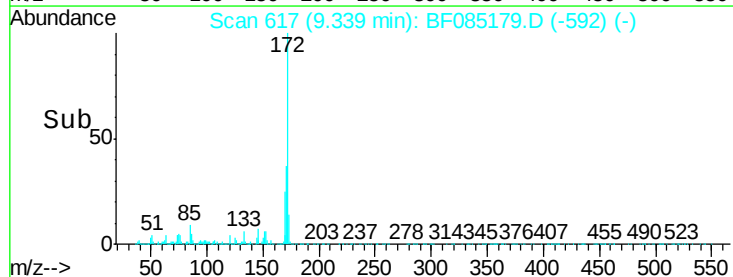
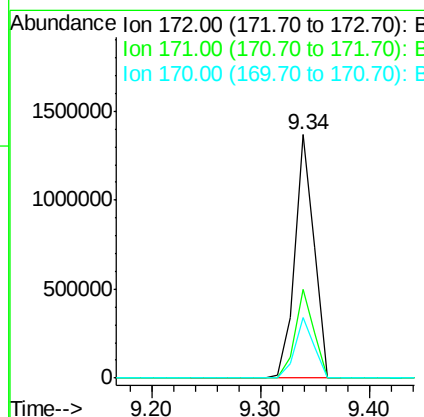
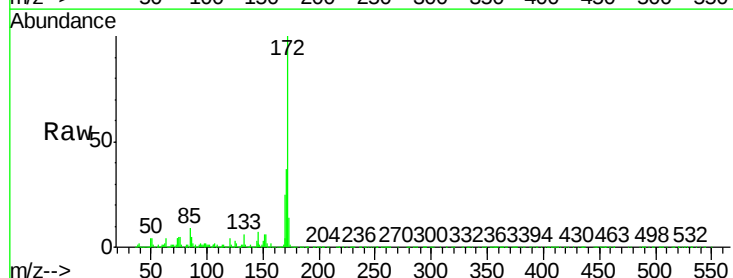
Manual Integrations
 APPROVED

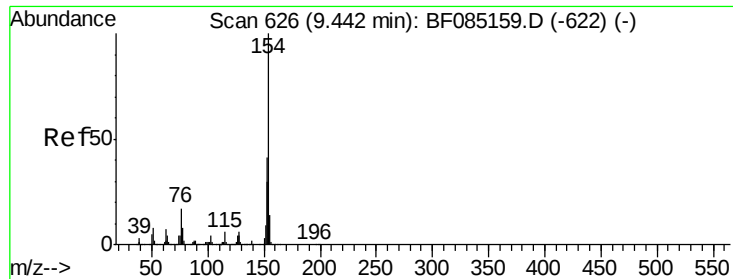
Sohil
 3/4/2016 4:36:05 PM



#44
 2-Fluorobiphenyl
 Concen: 87.35 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1689182		
171	36.6	29.3	43.9	
170	24.7	20.0	30.0	





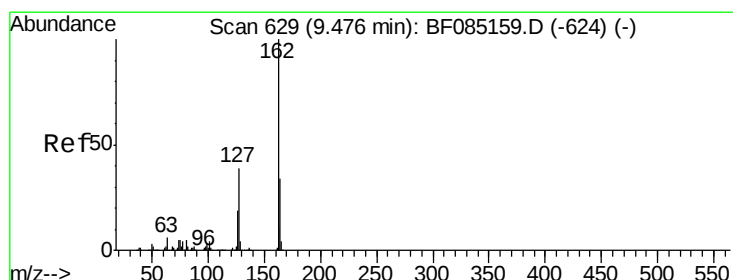
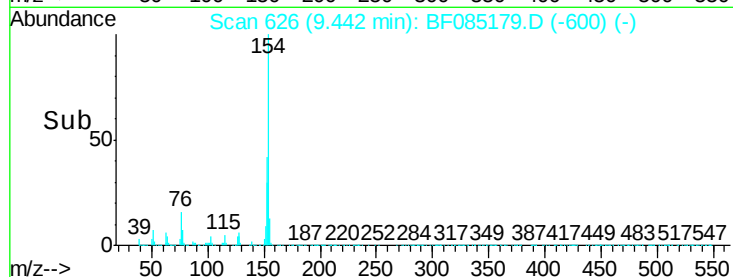
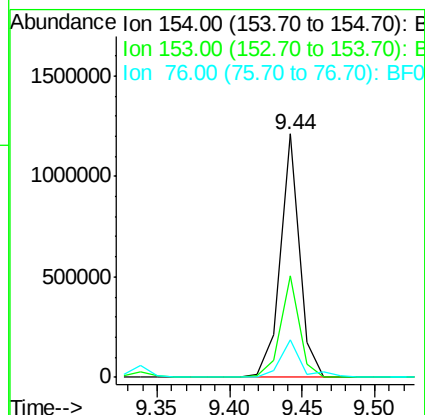
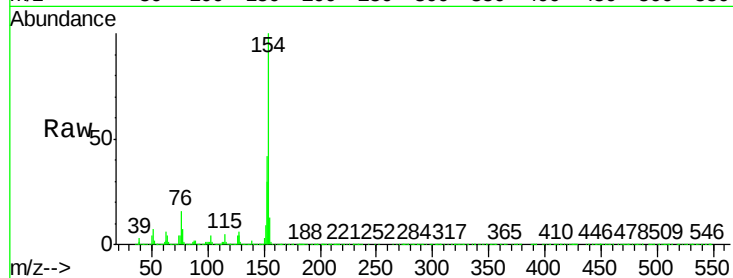
#45
1,1'-Biphenyl
Concen: 44.12 ng
RT: 9.44 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.4	61.4
76	15.5	0.0	37.5

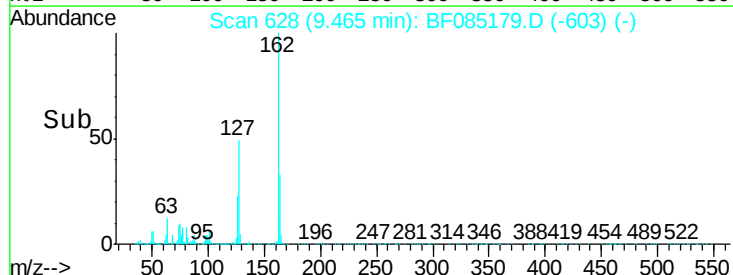
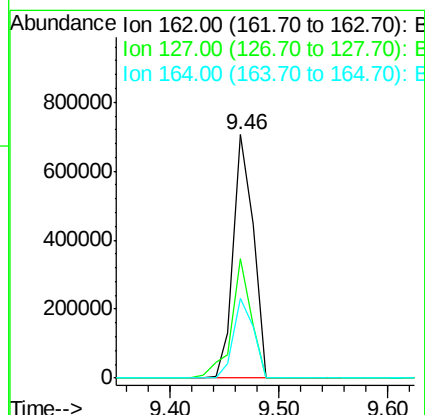
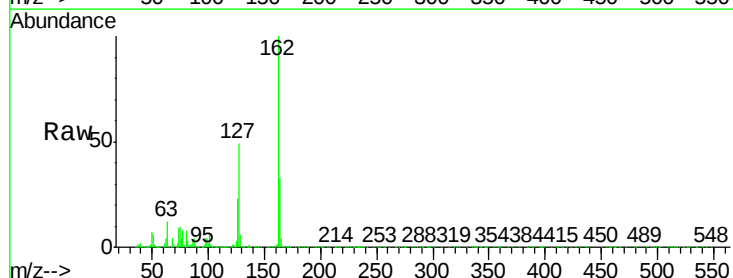
Manual Integrations
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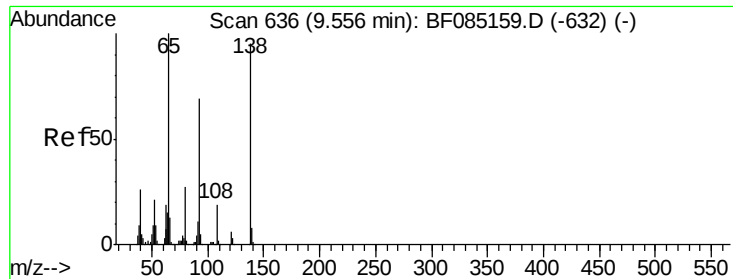
Sohil
3/4/2016 4:36:05 PM



#46
2-Chloronaphthalene
Concen: 46.28 ng
RT: 9.46 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	49.0	31.6	47.4#
164	32.8	27.1	40.7





#47

2-Nitroaniline

Concen: 47.04 ng

RT: 9.56 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

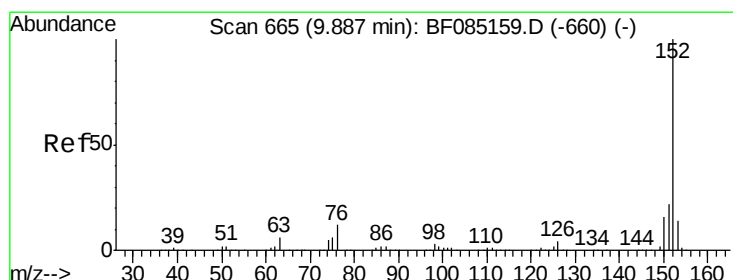
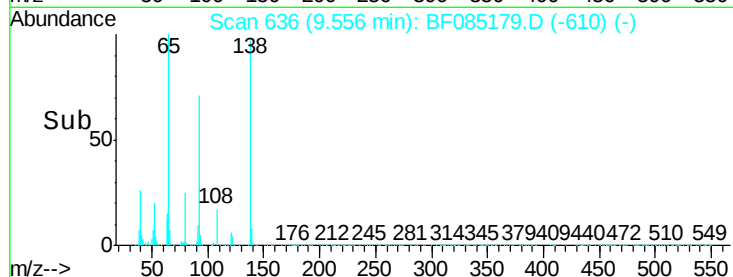
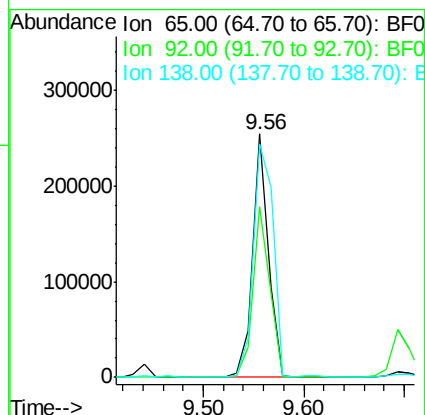
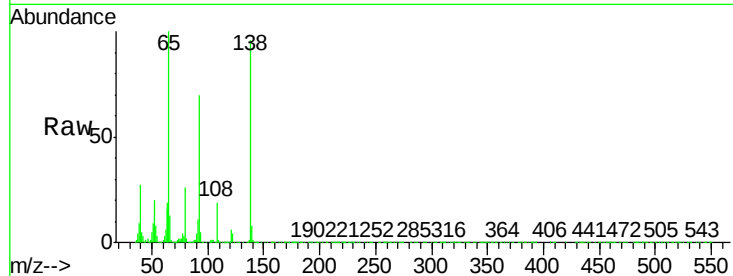
ClientSampleId :

SB-47(COMP)MS

Tgt Ion:	65	Resp:	279183
Ion Ratio	Lower	Upper	
65	100		
92	70.0	55.4	83.2
138	95.9	75.7	113.5

Manual Integrations
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#48

Acenaphthylene

Concen: 51.21 ng

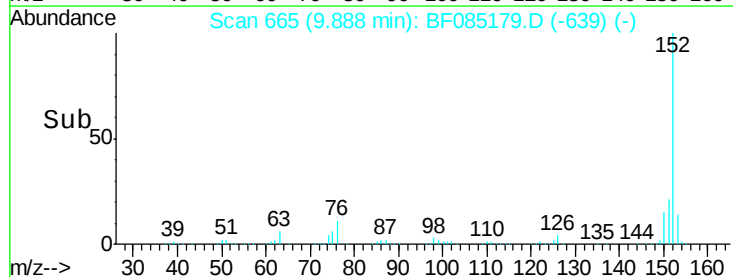
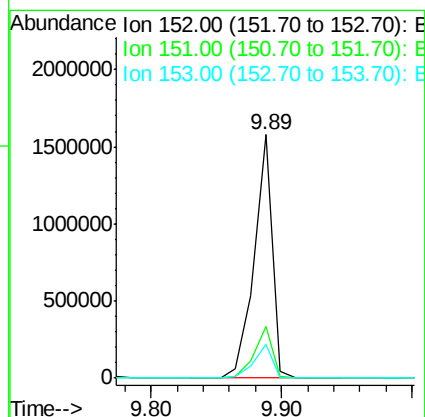
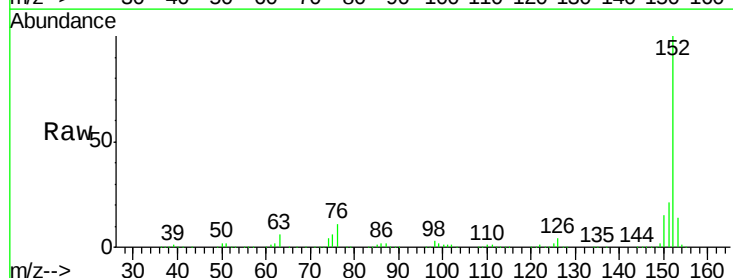
RT: 9.89 min Scan# 665

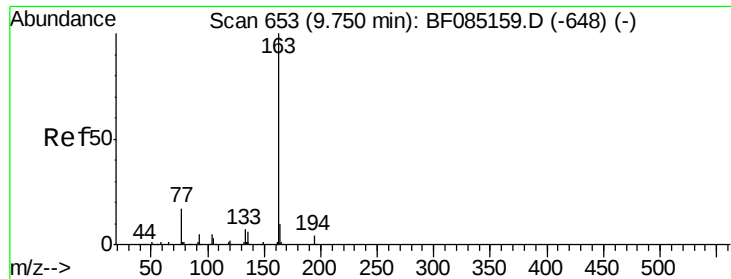
Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Tgt Ion:	152	Resp:	1526338
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.5	26.3
153	13.8	11.3	16.9





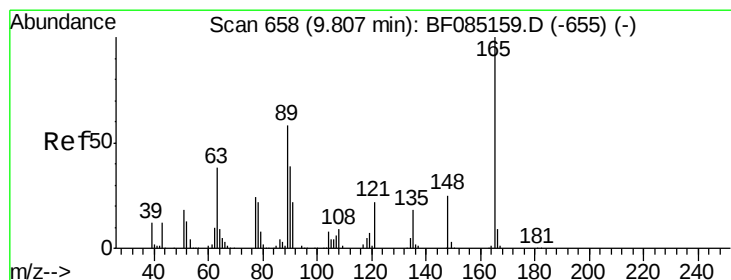
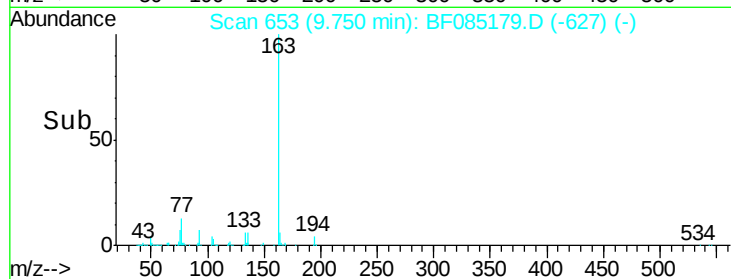
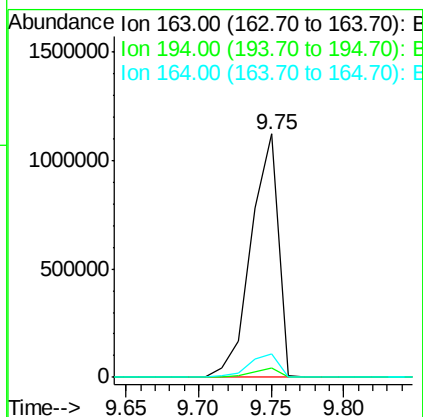
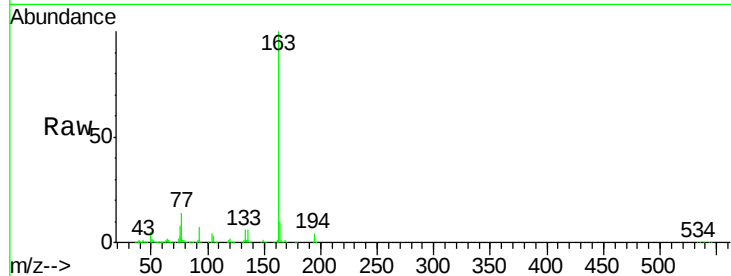
#49
Dimethylphthalate
Concen: 64.42 ng
RT: 9.75 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.9	8.2	12.4

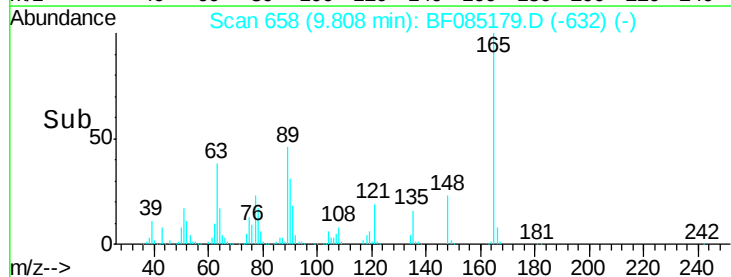
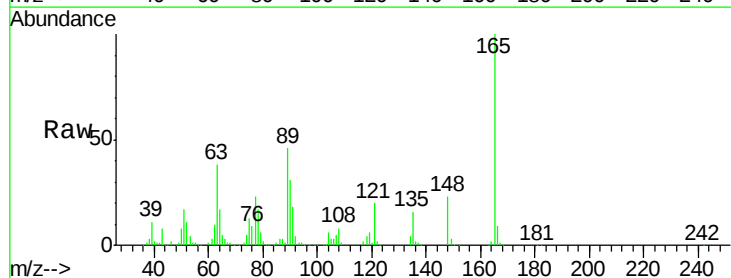
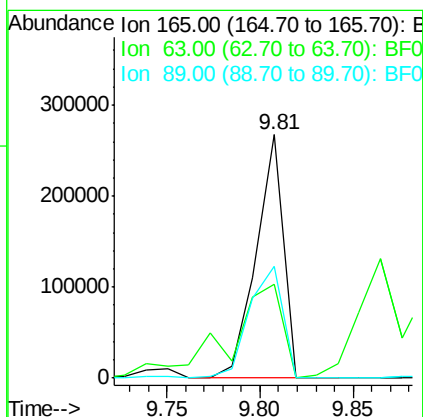
Manual Integrations
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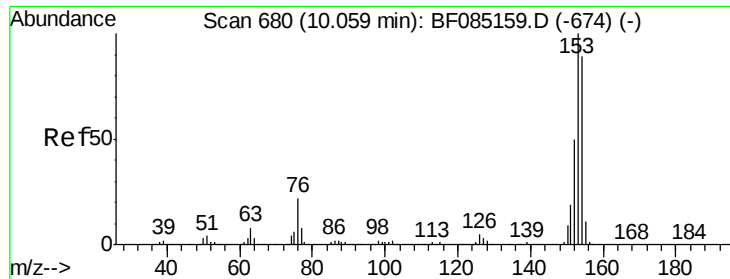
Sohil
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#50
2,6-Dinitrotoluene
Concen: 55.89 ng
RT: 9.81 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.3	41.8	62.8#
89	46.0	46.7	70.1#





#51

Acenaphthene

Concen: 56.12 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

ClientSampleId :

SB-47(COMP)MS

Tgt Ion:154 Resp: 1015645

Ion Ratio Lower Upper

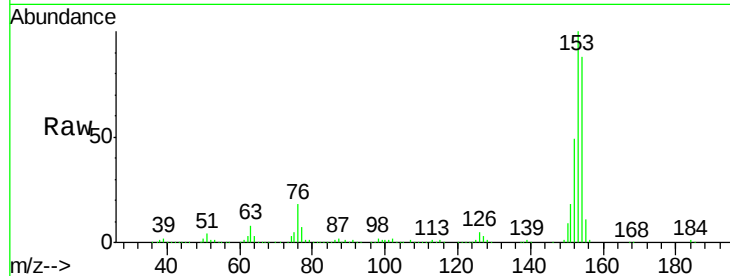
154 100

153 114.1 89.8 134.8

152 55.7 44.6 66.8

Manual Integrations
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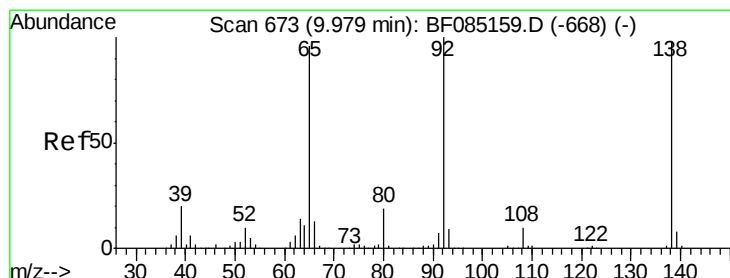
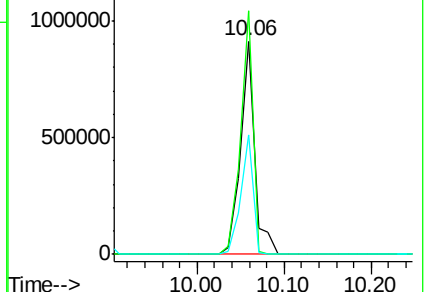
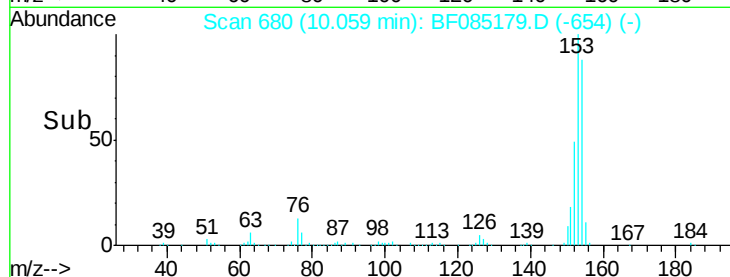
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.17 ng

RT: 9.97 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

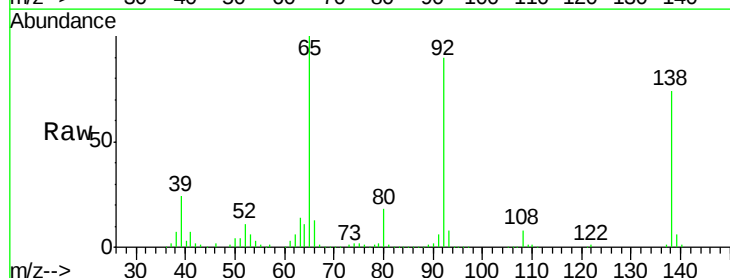
Tgt Ion:138 Resp: 128116

Ion Ratio Lower Upper

138 100

108 10.8 7.8 11.6

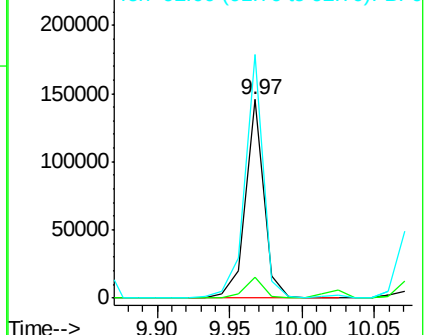
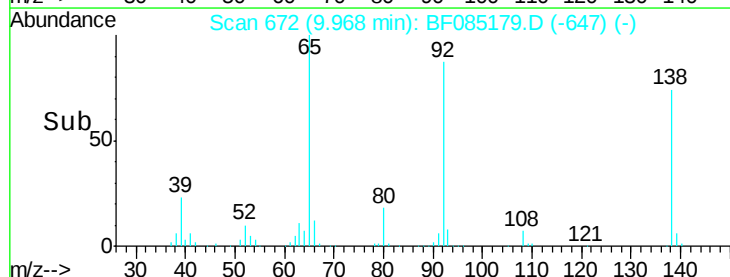
92 122.7 81.3 121.9#

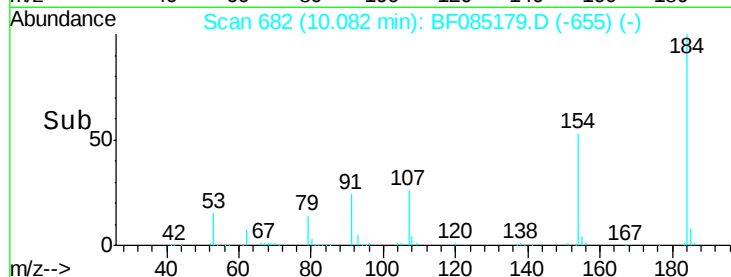
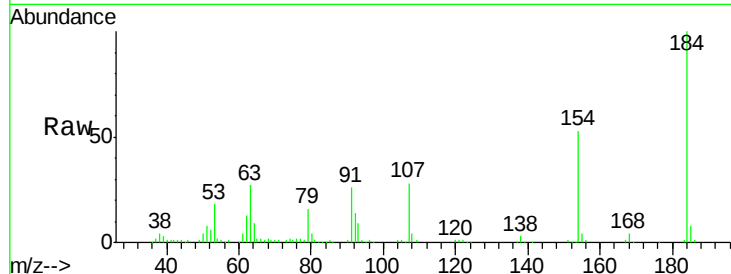
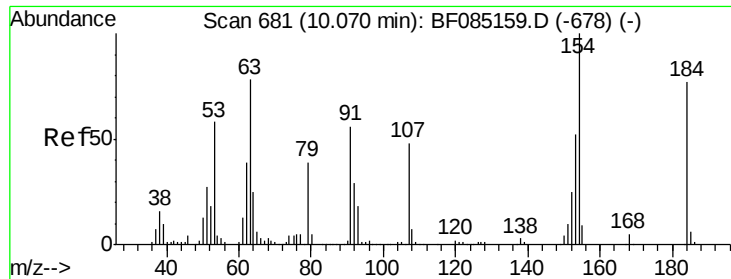


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





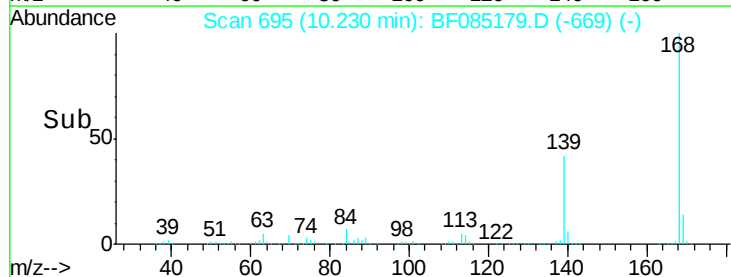
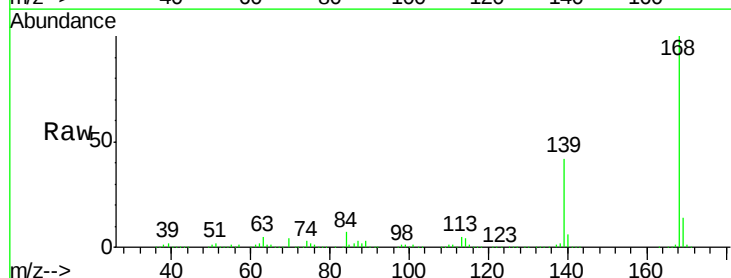
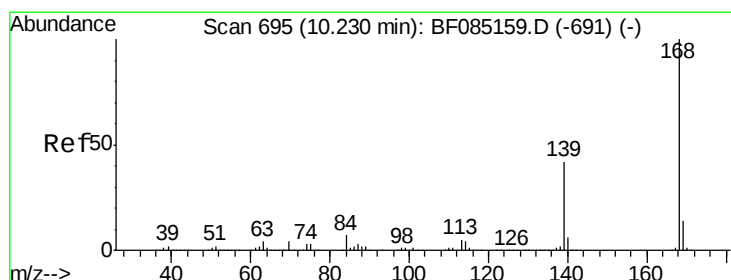
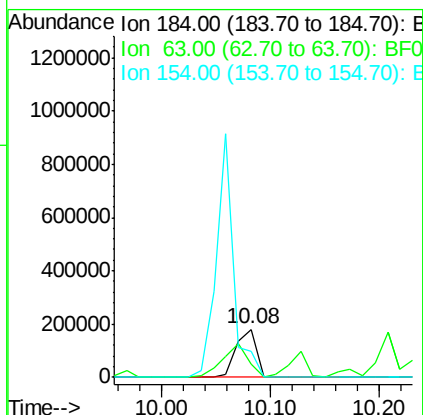
#53
2,4-Dinitrophenol
Concen: 93.07 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	231637		
63	27.0	82.2	123.4#	
154	52.8	108.9	163.3#	

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

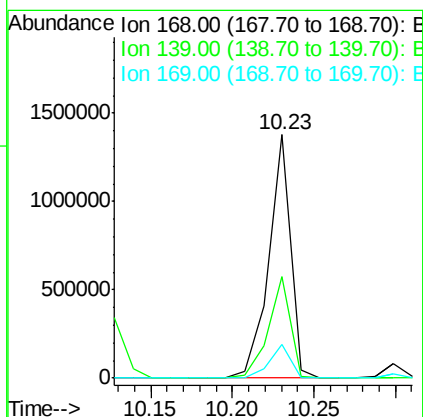
Manual Integrations
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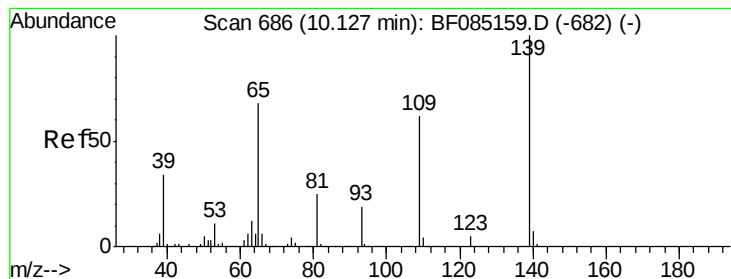
Sohil
3/4/2016 4:36:05 PM



#54
Dibenzofuran
Concen: 54.06 ng
RT: 10.23 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1281852		
139	41.7	33.6	50.4	
169	13.9	11.2	16.8	





#55

4-Nitrophenol

Concen: 85.24 ng

RT: 10.13 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

ClientSampleId :

SB-47(COMP)MS

Tgt Ion:139 Resp: 387002

Ion Ratio Lower Upper

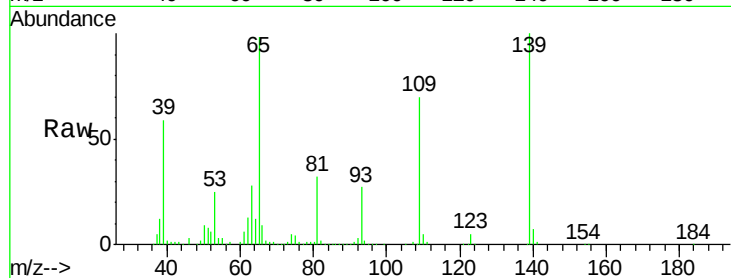
139 100

109 69.6 41.9 81.9

65 97.8 48.3 88.3#

Manual Integrations
APPROVED

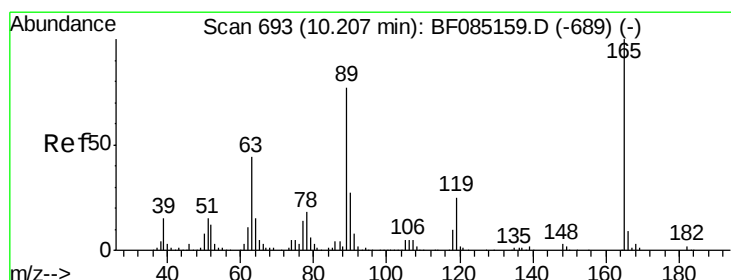
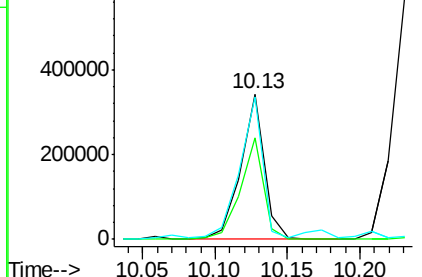
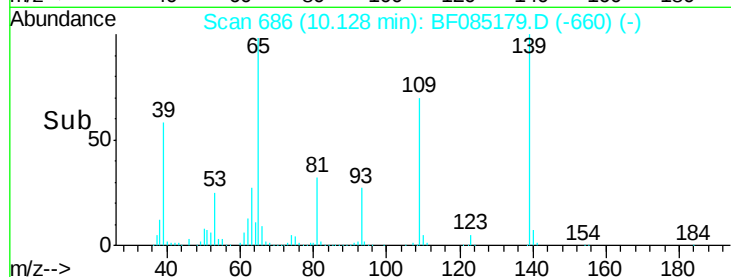
Sohil
3/4/2016 4:36:05 PM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 54.47 ng

RT: 10.21 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Tgt Ion:165 Resp: 336610

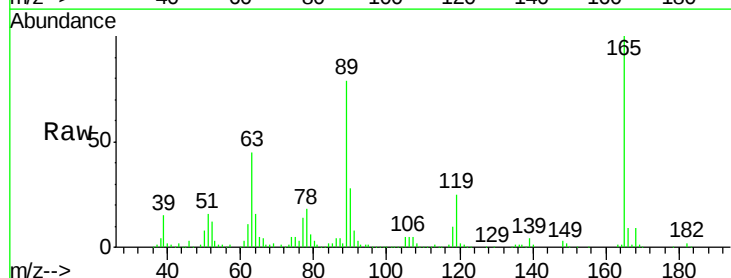
Ion Ratio Lower Upper

165 100

63 45.4 35.4 53.0

89 78.9 61.9 92.9

182 2.4 1.9 2.9

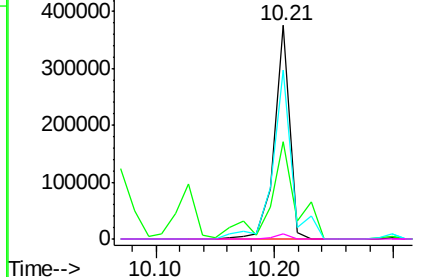
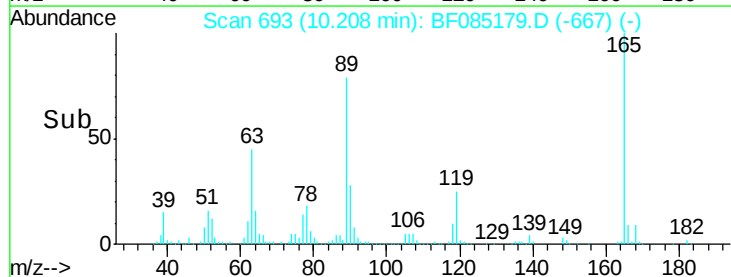


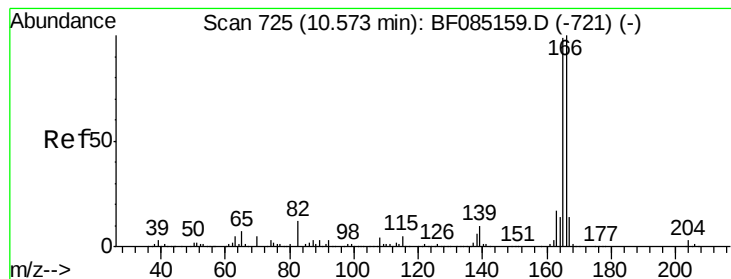
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 53.43 ng

RT: 10.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF085179.D

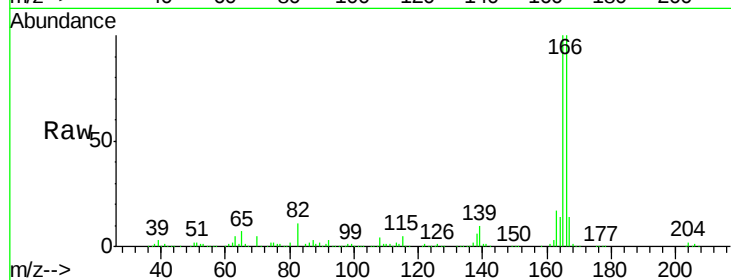
Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

ClientSampleId :

SB-47(COMP)MS



Tgt Ion:166 Resp: 995245

Ion Ratio Lower Upper

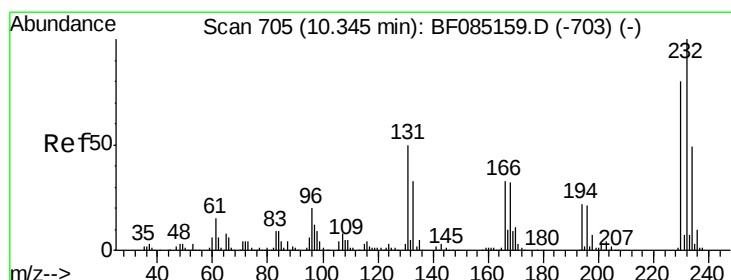
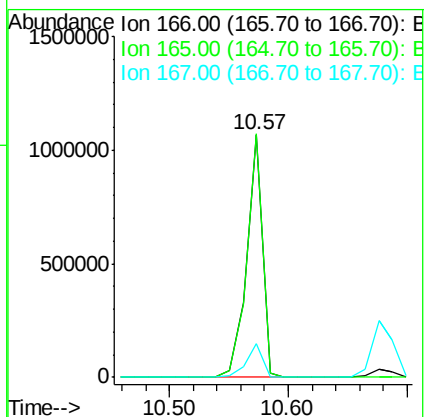
166 100

165 100.4 79.4 119.0

167 13.8 11.0 16.6

Manual Integrations
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3/4/2016 4:36:05 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.20 ng

RT: 10.34 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Tgt Ion:232 Resp: 255244

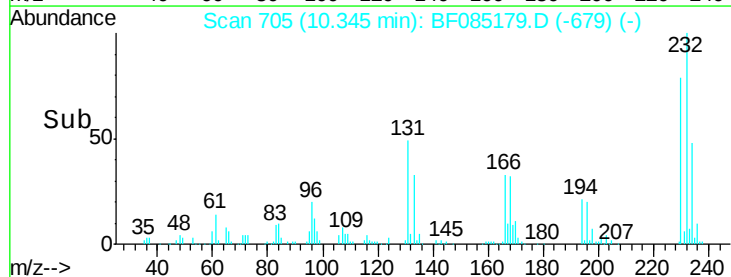
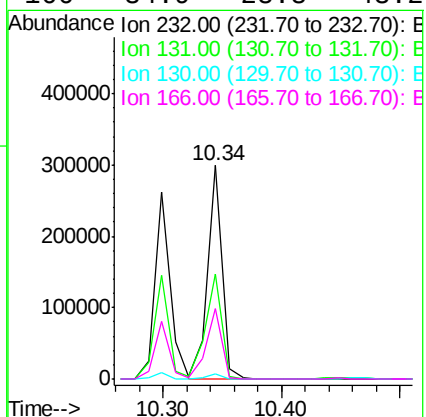
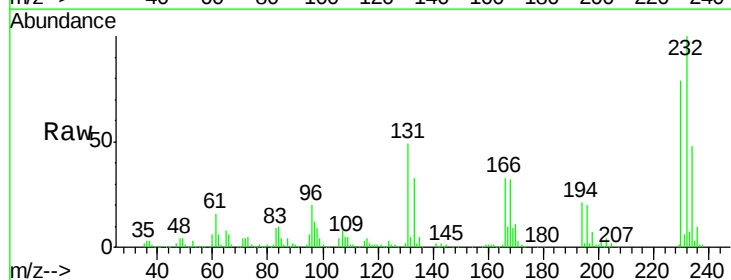
Ion Ratio Lower Upper

232 100

131 55.1 46.0 69.0

130 2.6 2.2 3.4

166 34.9 28.8 43.2





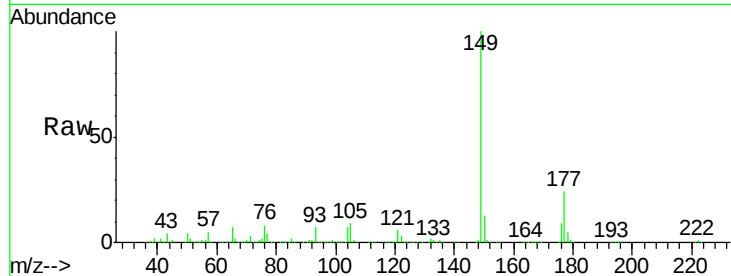
#59
Diethylphthalate
Concen: 52.38 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

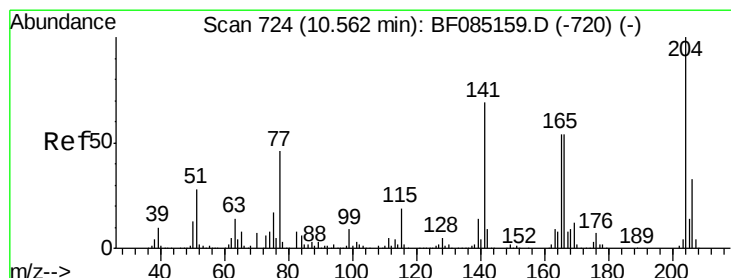
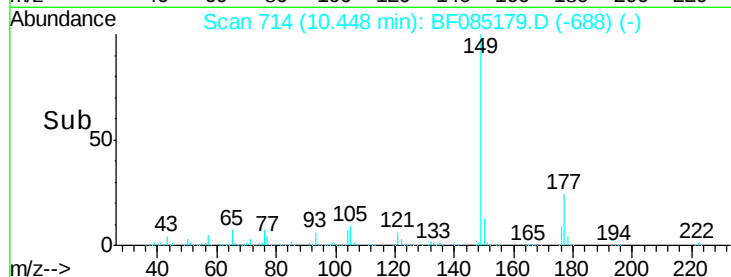
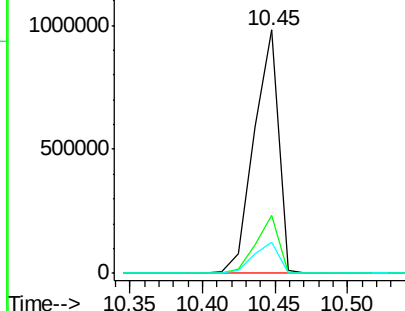
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.2	28.8
150	12.6	9.9	14.9

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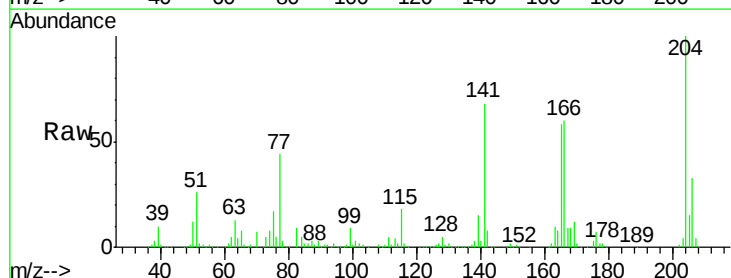


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

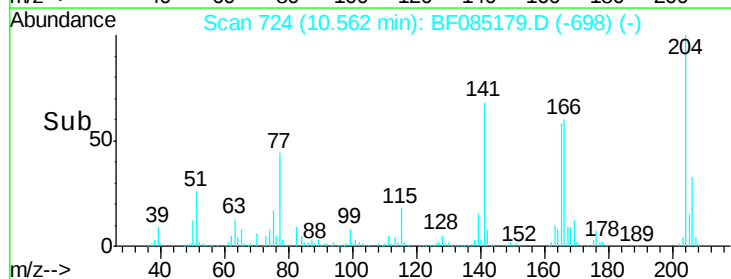
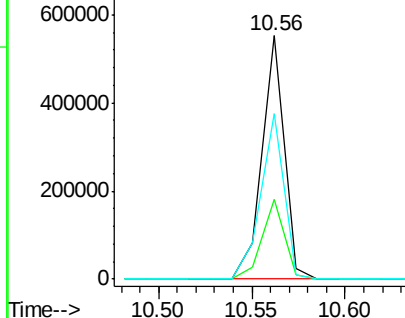


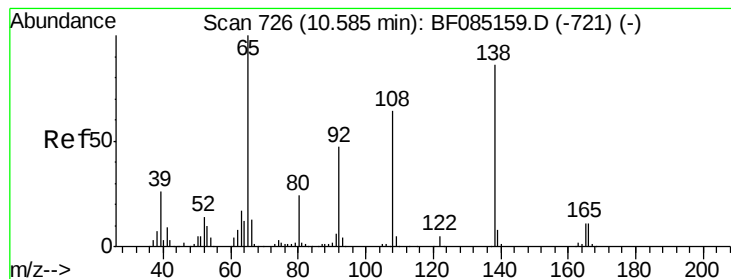
#60
4-Chlorophenyl-phenylether
Concen: 50.11 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	67.8	55.4	83.2



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





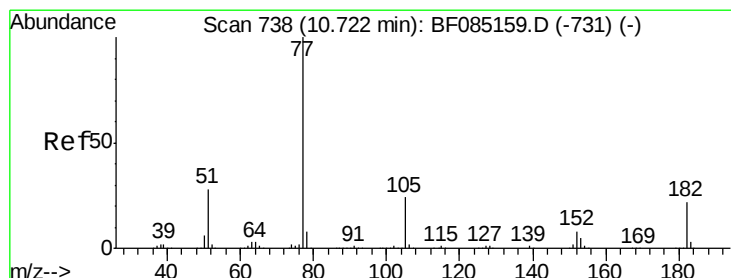
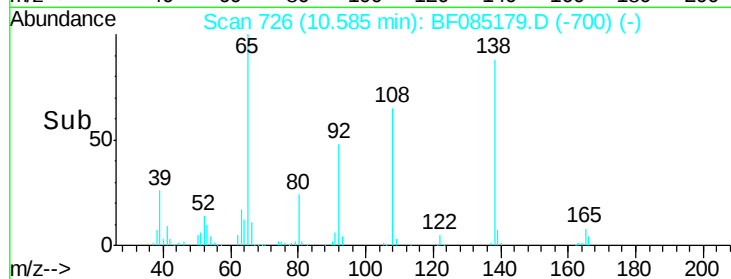
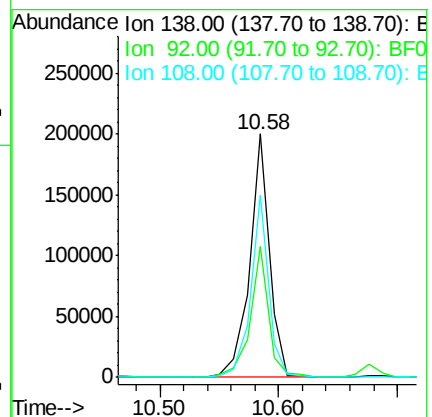
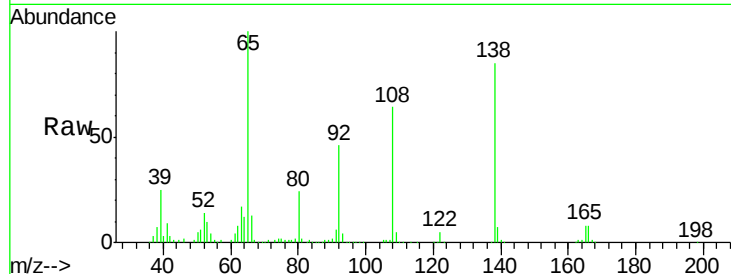
#61
4-Nitroaniline
Concen: 43.18 ng
RT: 10.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	233337		
92	54.0	34.2	74.2	
108	74.7	53.9	93.9	

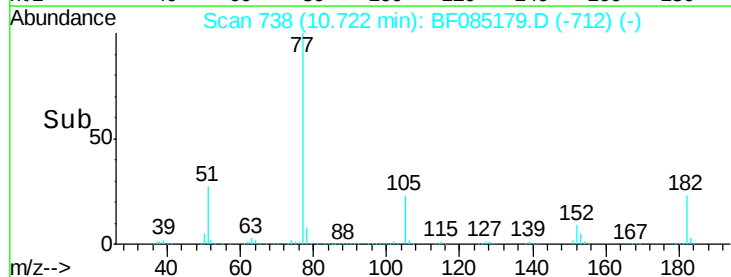
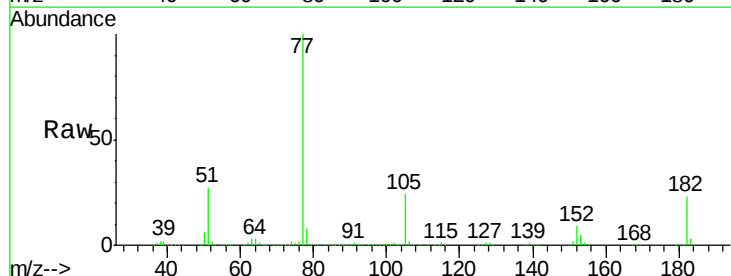
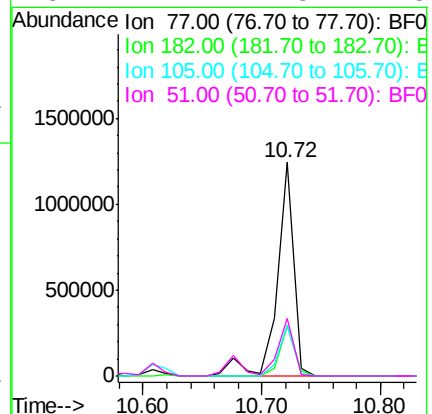
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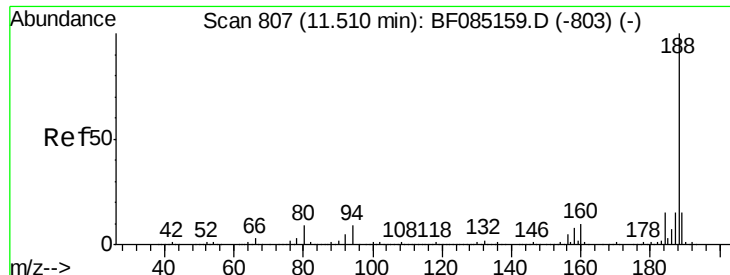
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#62
Azobenzene
Concen: 56.94 ng
RT: 10.72 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1228716		
182	23.1	2.1	42.1	
105	24.0	3.8	43.8	
51	27.1	7.8	47.8	





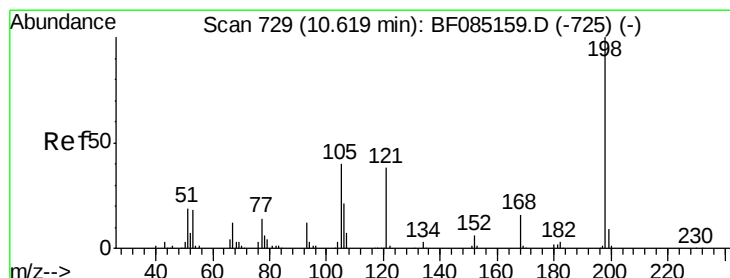
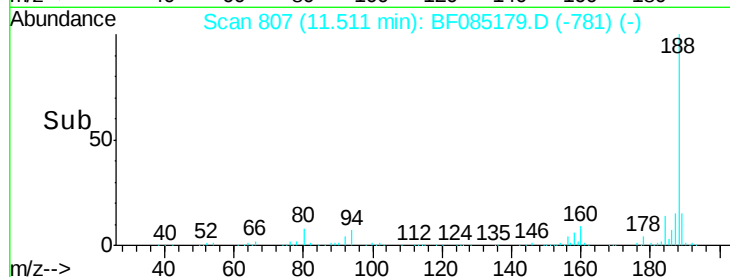
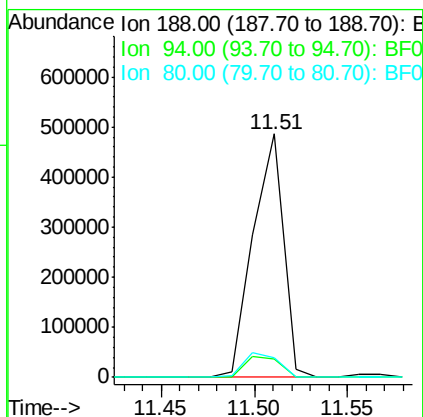
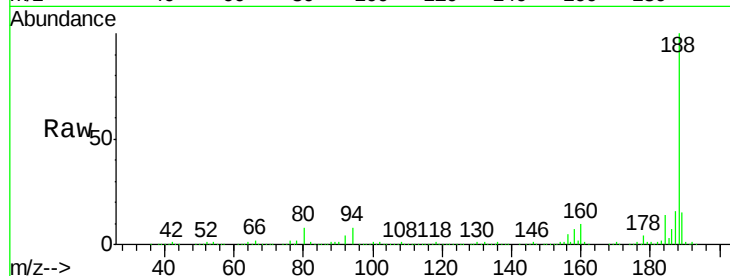
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.6	7.0	10.6
80	8.2	7.4	11.0

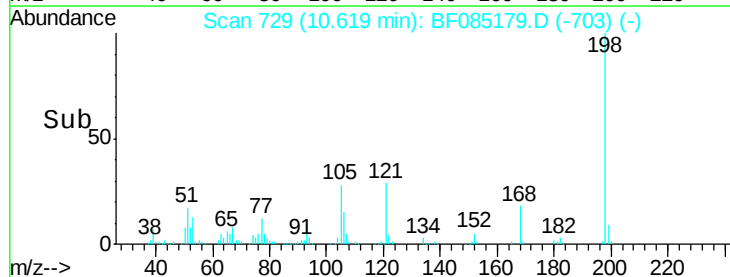
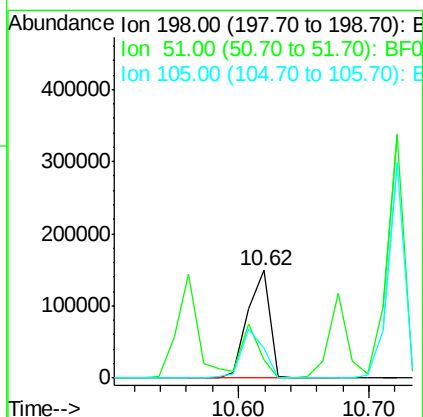
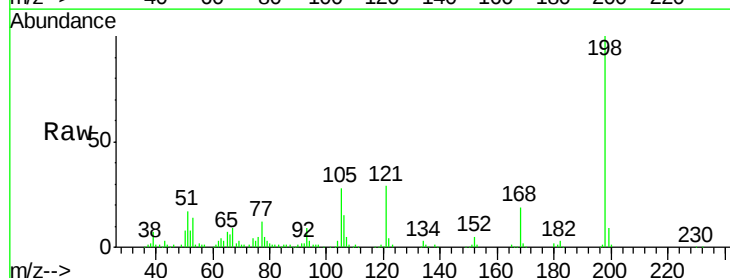
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#64
4,6-Dinitro-2-methylphenol
Concen: 53.74 ng
RT: 10.62 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	17.5	9.5	49.5
105	27.8	20.5	60.5





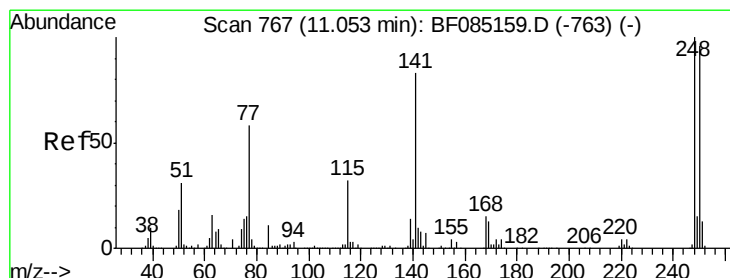
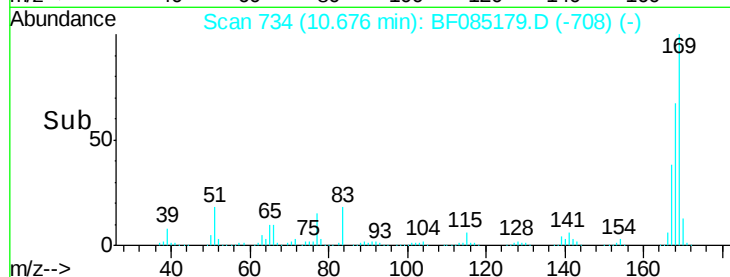
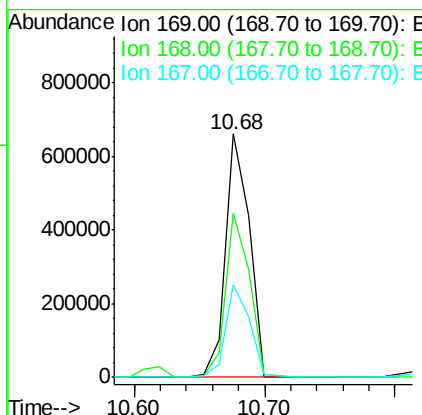
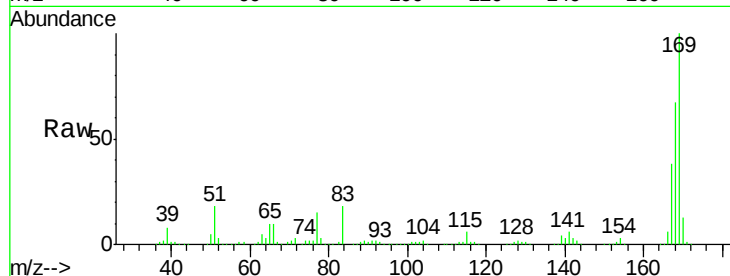
#65
n-Nitrosodiphenylamine
Concen: 48.96 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	833305		
168	67.3	54.8	82.2	
167	37.9	30.3	45.5	

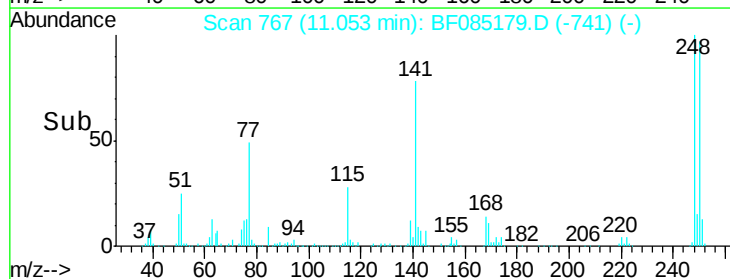
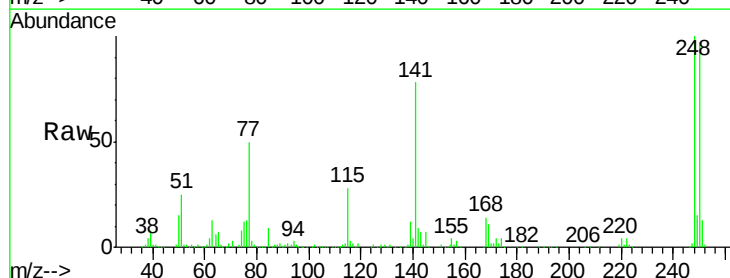
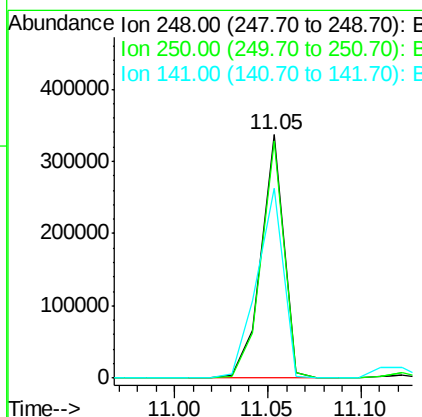
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#66
4-Bromophenyl-phenylether
Concen: 53.61 ng
RT: 11.05 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	284860		
250	97.2	77.1	115.7	
141	78.2	66.2	99.2	





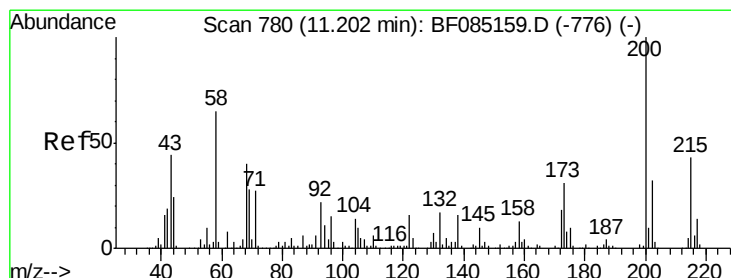
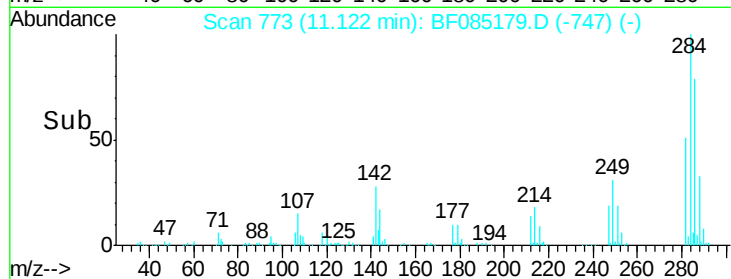
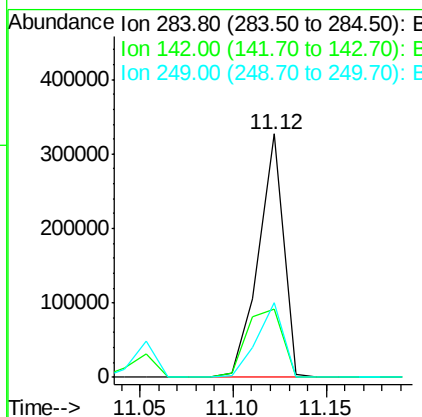
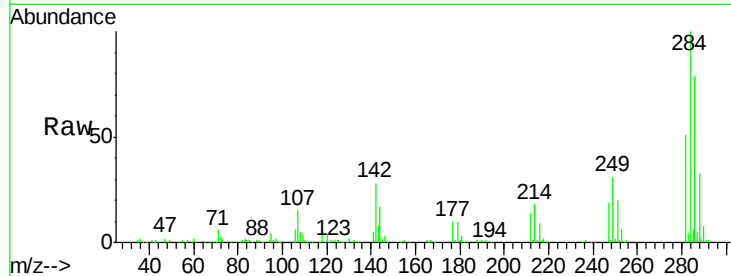
#67
Hexachlorobenzene
Concen: 53.67 ng
RT: 11.12 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	27.9	24.9	37.3
249	30.8	25.0	37.4

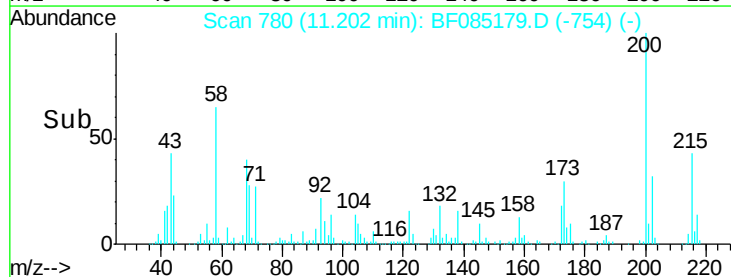
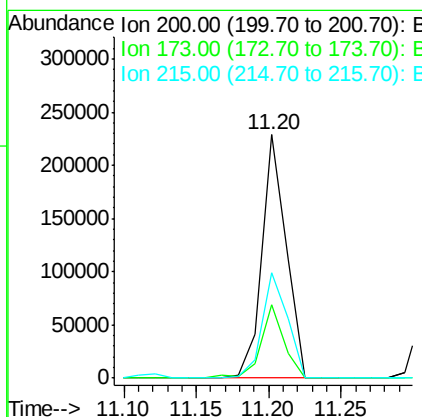
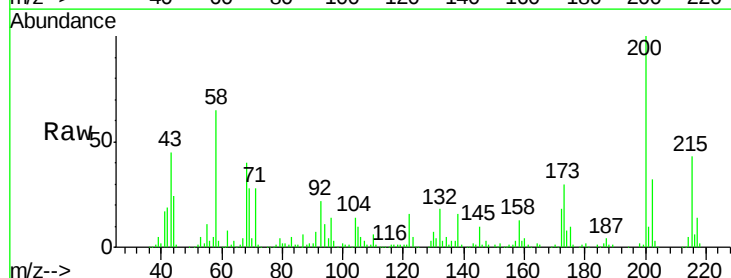
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#68
Atrazine
Concen: 55.84 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.3	10.5	50.5
215	43.5	23.4	63.4





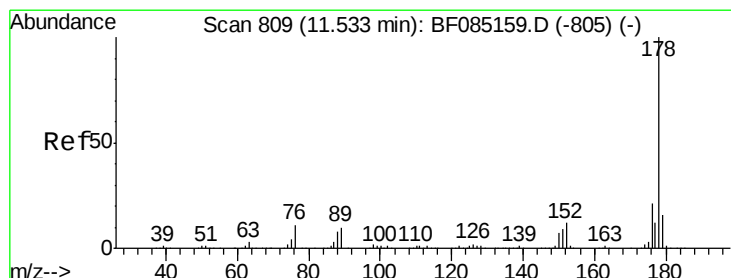
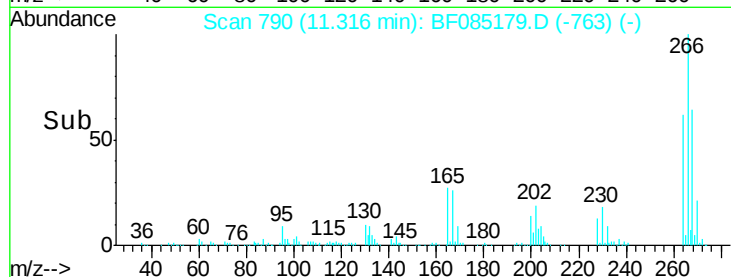
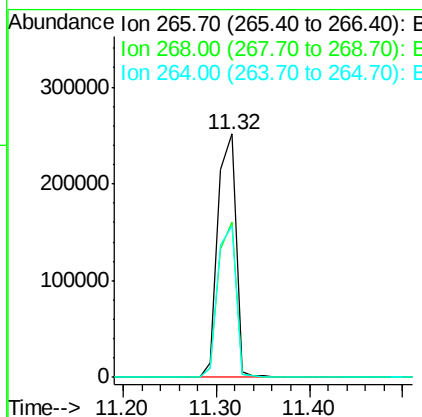
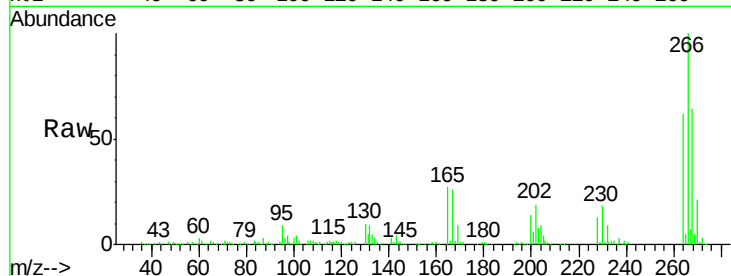
#69
 Pentachlorophenol
 Concen: 107.47 ng
 RT: 11.32 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-47(COMP)MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	338125		
268	63.7	50.0	75.0	
264	62.0	51.4	77.2	

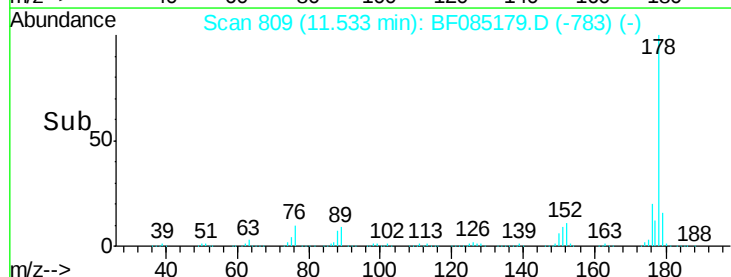
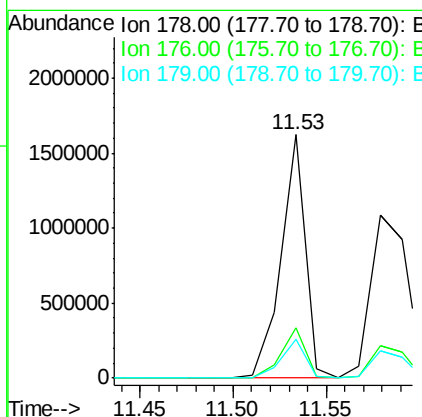
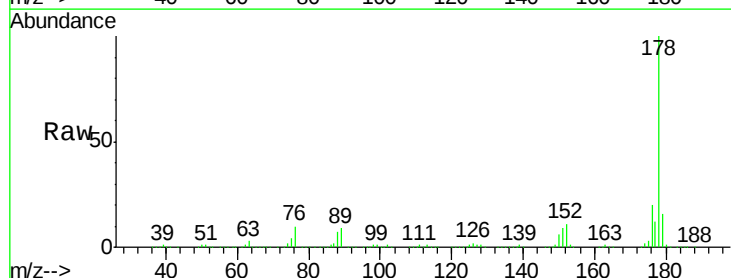
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#70
 Phenanthrene
 Concen: 51.34 ng
 RT: 11.53 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1472327		
176	20.4	16.8	25.2	
179	16.0	13.1	19.7	





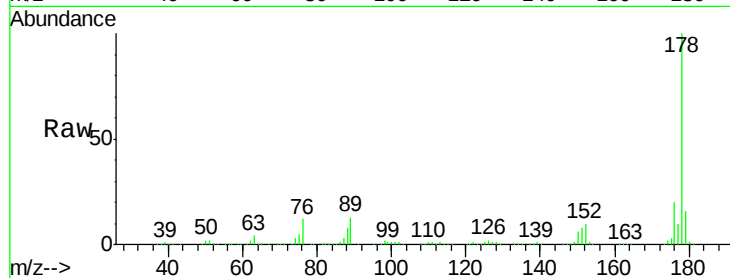
#71
 Anthracene
 Concen: 47.49 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-47(COMP)MS

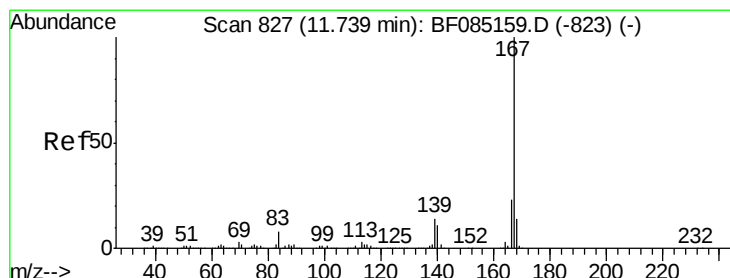
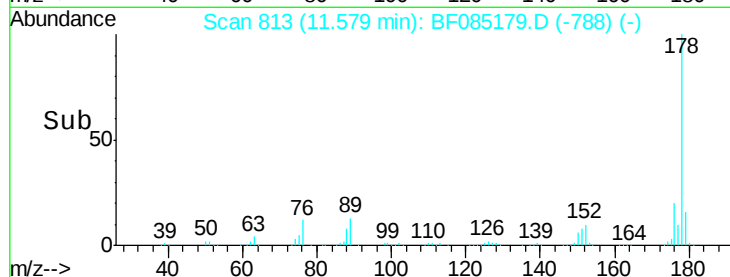
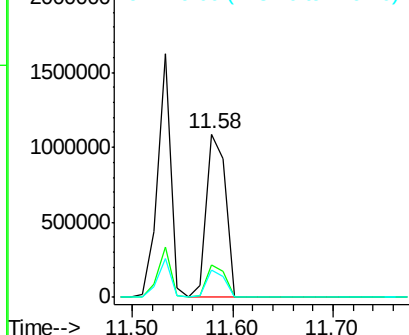
Tgt Ion:178 Resp: 1445672
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.4 12.5 18.7

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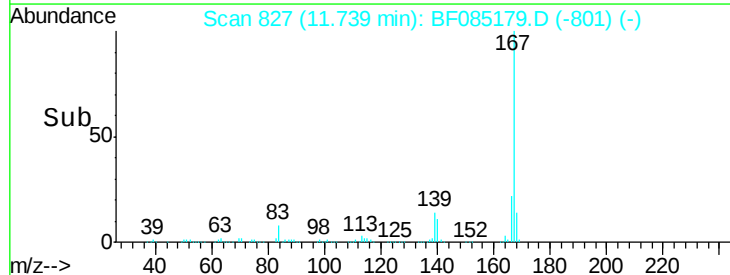
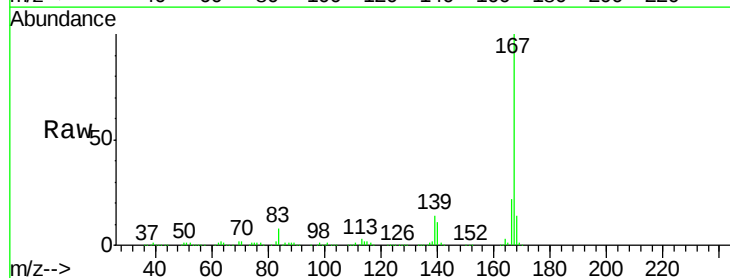
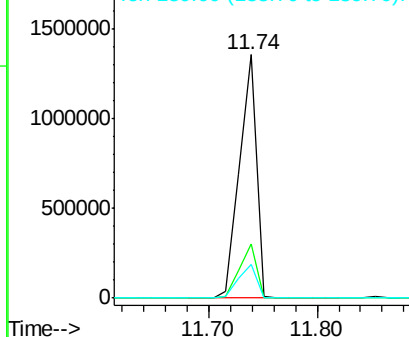
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

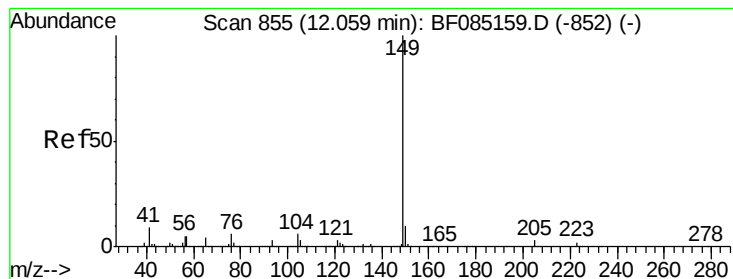


#72
 Carbazole
 Concen: 53.86 ng
 RT: 11.74 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Tgt Ion:167 Resp: 1437764
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 13.7 11.4 17.0

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: 49.31 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

ClientSampleId :

SB-47(COMP)MS

Tgt Ion:149 Resp: 1663771

Ion Ratio Lower Upper

149 100

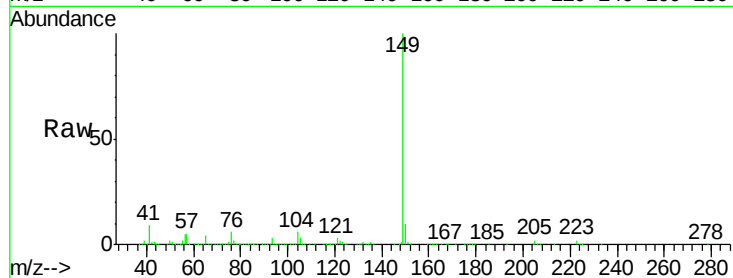
150 9.8 7.8 11.6

104 5.7 4.7 7.1

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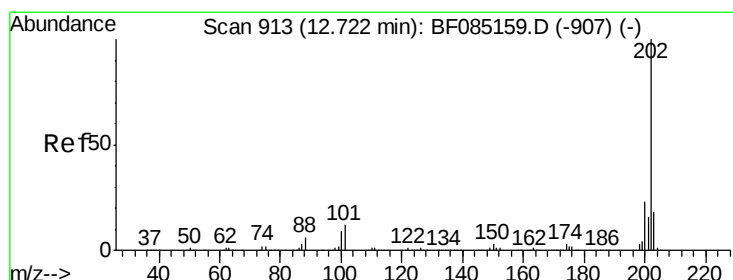
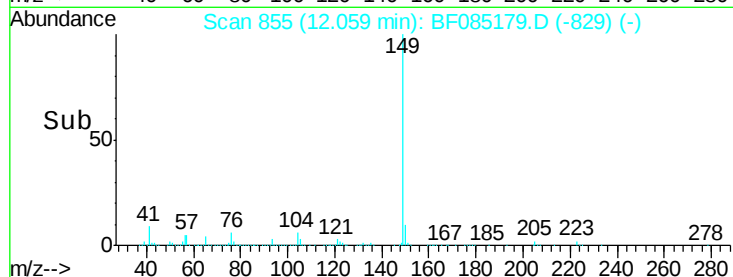
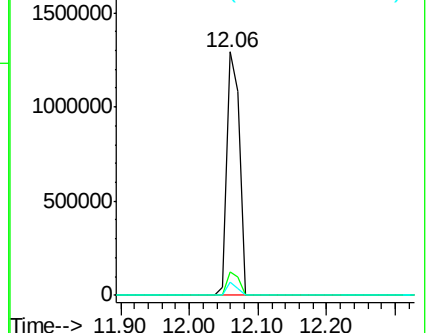
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 53.73 ng

RT: 12.72 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

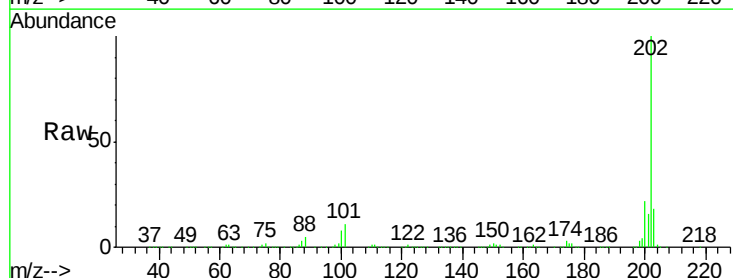
Tgt Ion:202 Resp: 1546193

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.8

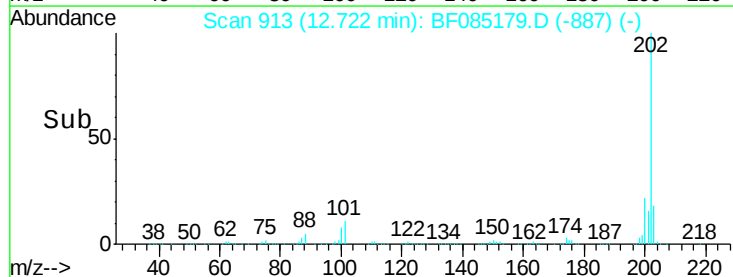
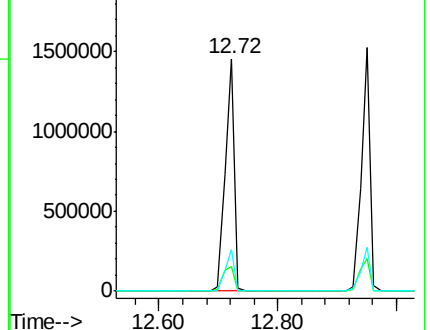
203 17.9 0.0 38.4

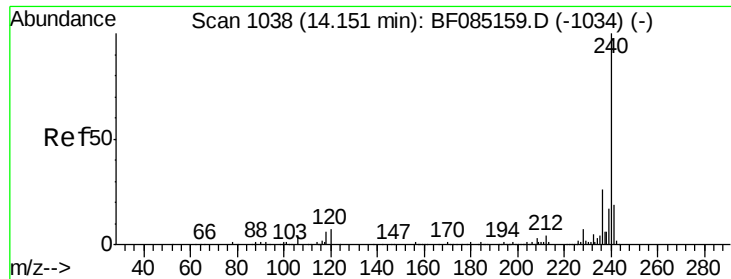


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

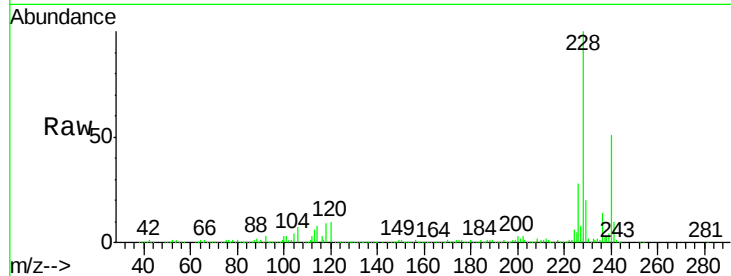
ClientSampleId :

SB-47(COMP)MS

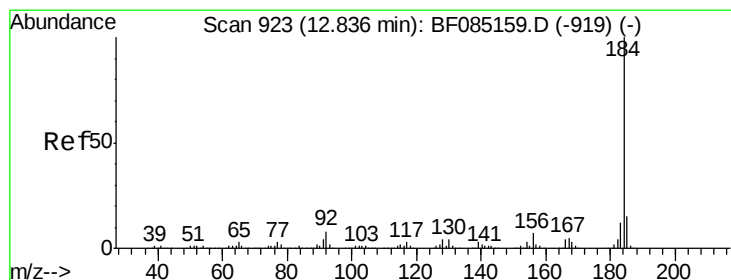
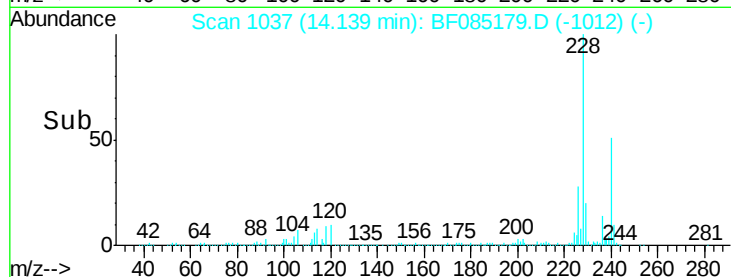
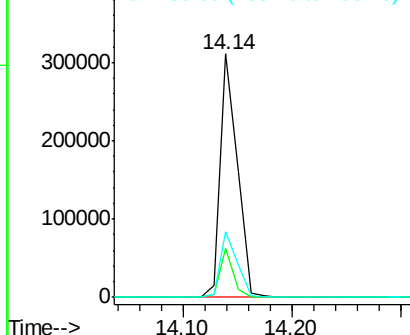
Tgt Ion:240 Resp: 340648
Ion Ratio Lower Upper
240 100
120 20.3 5.3 7.9#
236 26.8 20.7 31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.97 ng

RT: 12.84 min Scan# 923

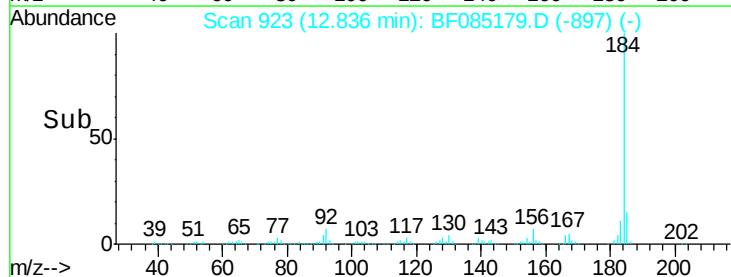
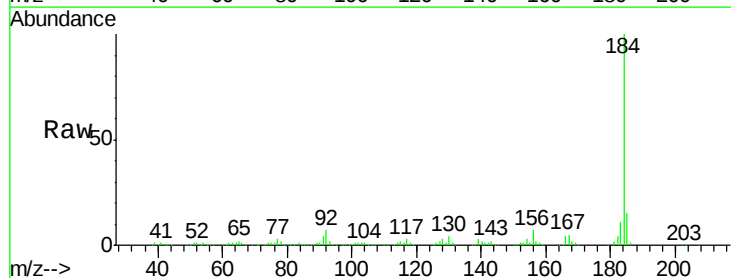
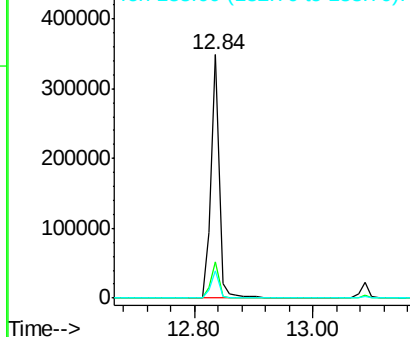
Delta R.T. 0.00 min

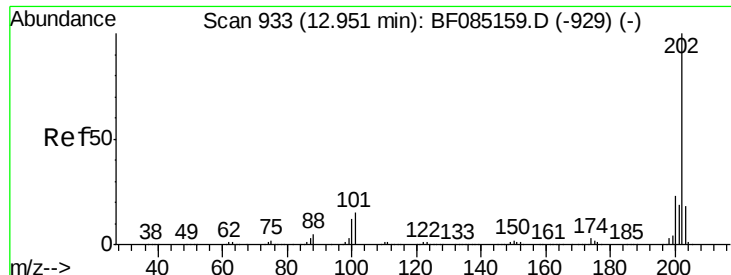
Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Tgt Ion:184 Resp: 334242
Ion Ratio Lower Upper
184 100
185 15.0 12.4 18.6
183 11.4 9.4 14.2

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





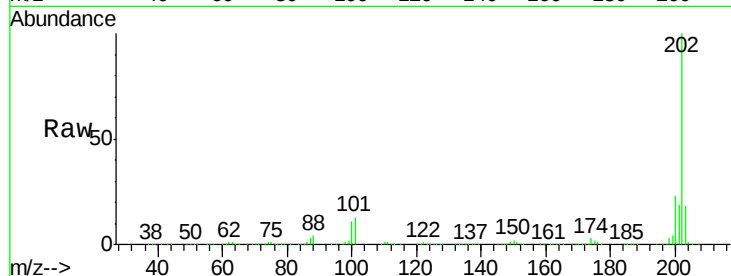
#77
 Pyrene
 Concen: 59.87 ng
 RT: 12.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-47(COMP)MS

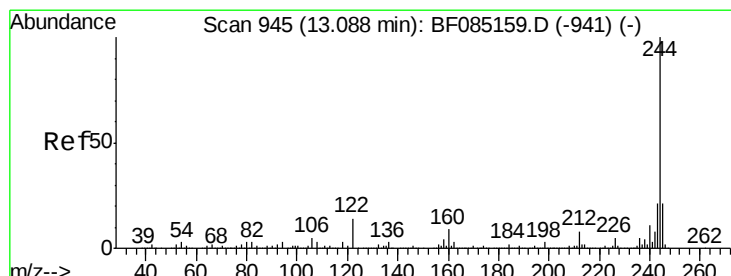
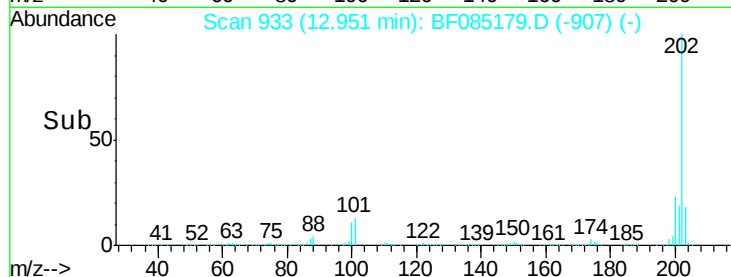
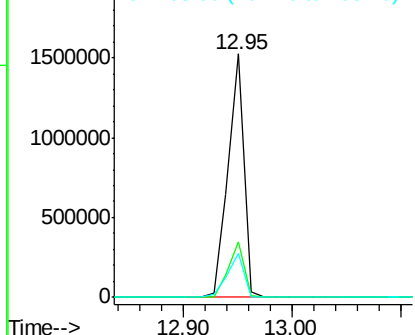
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.2	27.4
203	18.2	14.7	22.1

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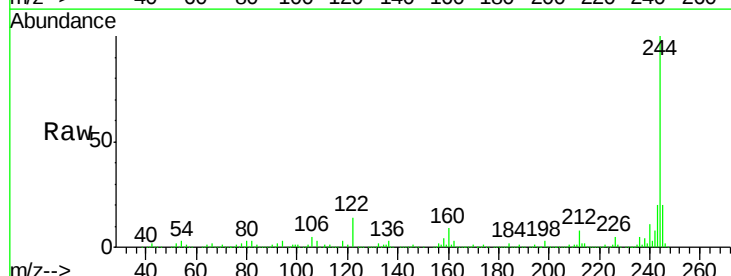


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

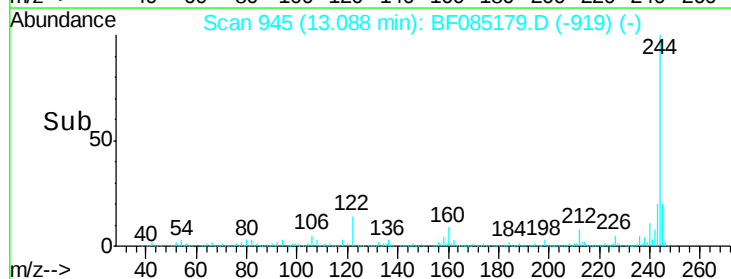
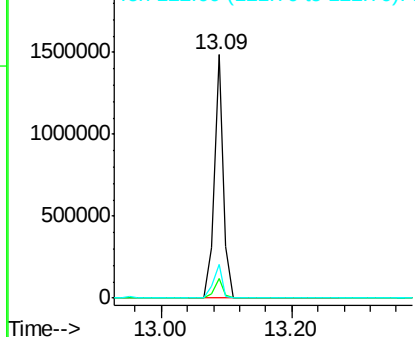


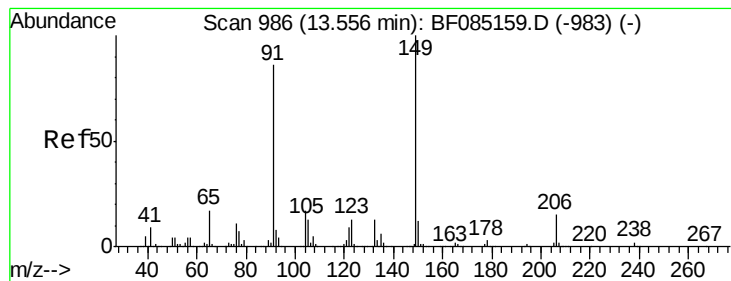
#78
 Terphenyl-d14
 Concen: 99.58 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	13.7	11.4	17.2



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: 56.85 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085179.D

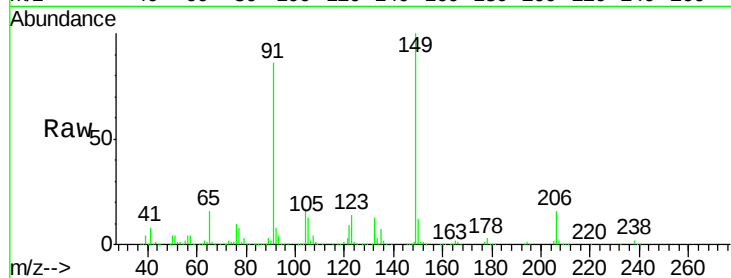
Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

ClientSampleId :

SB-47(COMP)MS



Tgt Ion:149 Resp: 661327

Ion Ratio Lower Upper

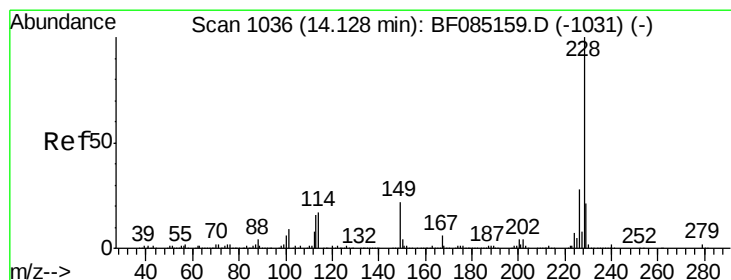
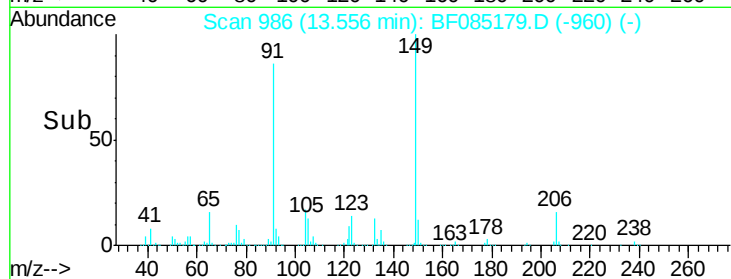
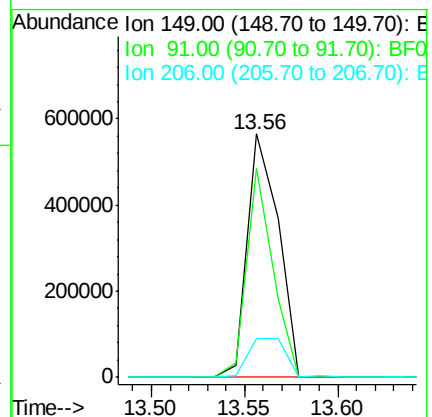
149 100

91 86.0 69.0 103.4

206 15.9 12.3 18.5

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#80

Benzo(a)anthracene

Concen: 53.35 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

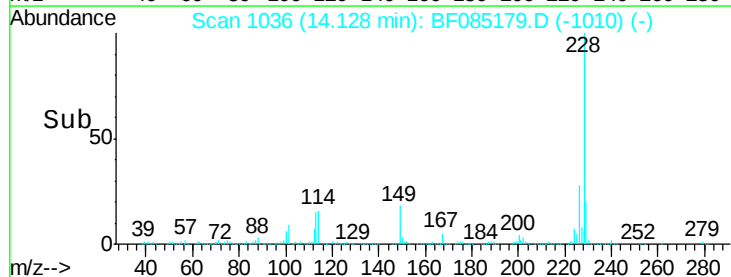
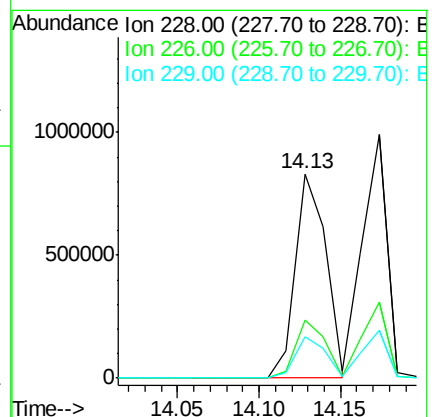
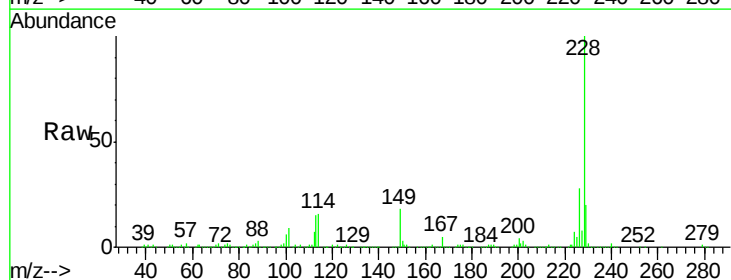
Tgt Ion:228 Resp: 1087855

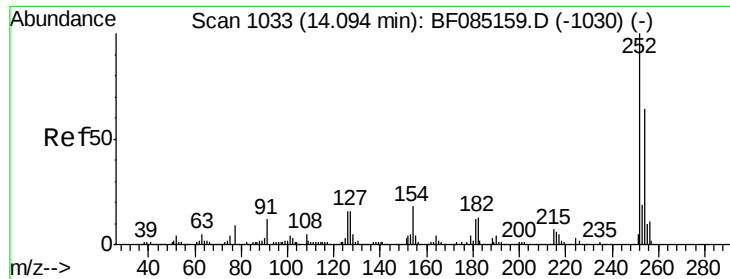
Ion Ratio Lower Upper

228 100

226 28.2 22.8 34.2

229 20.4 16.6 24.8





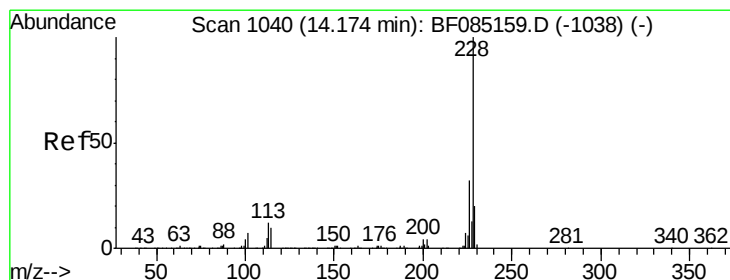
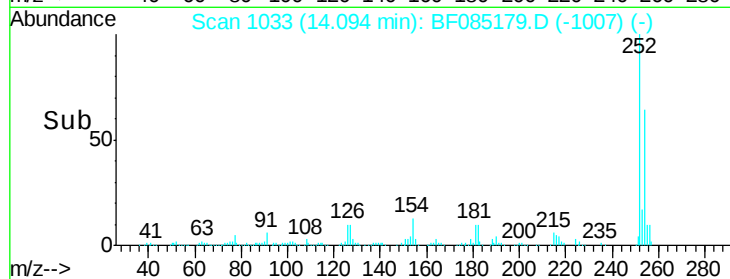
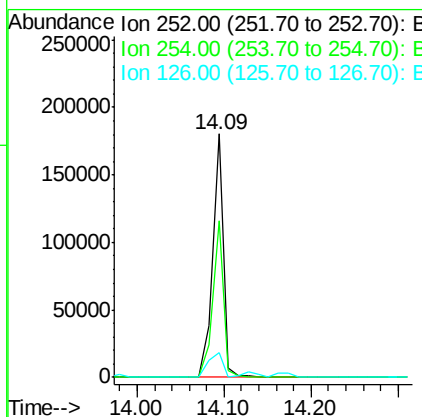
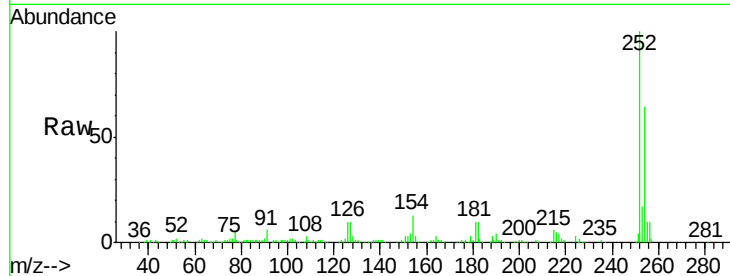
#81
 3,3'-Dichlorobenzidine
 Concen: 24.59 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-47(COMP)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.0
126	10.0	12.9	19.3

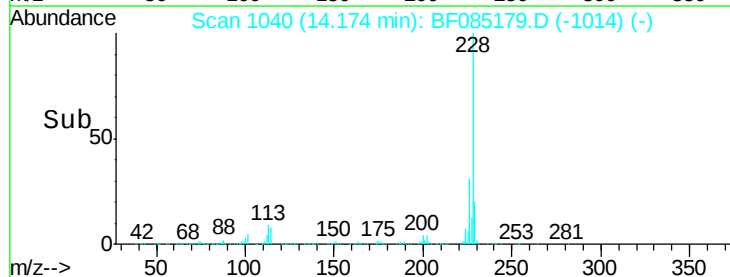
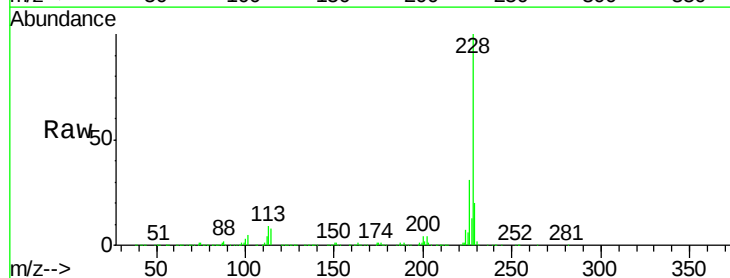
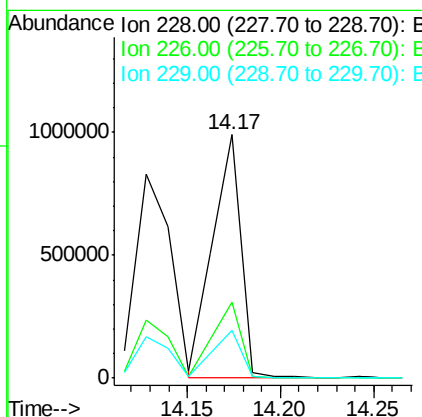
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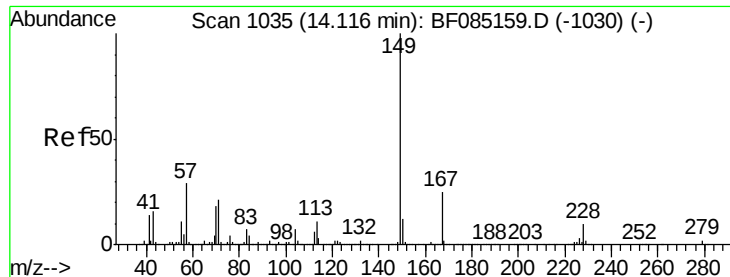
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#82
 Chrysene
 Concen: 55.58 ng
 RT: 14.17 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	19.5	16.0	24.0





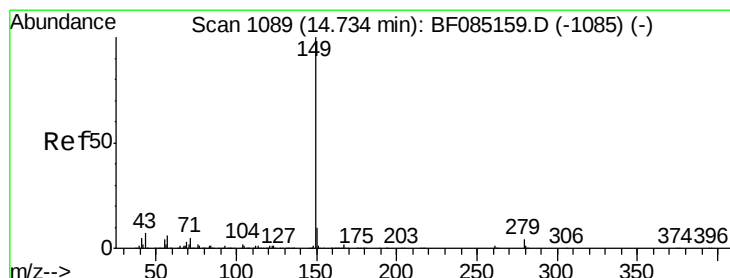
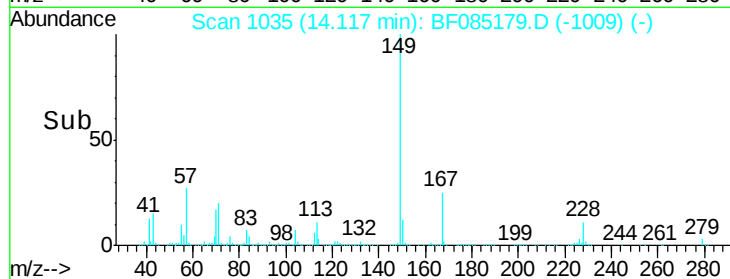
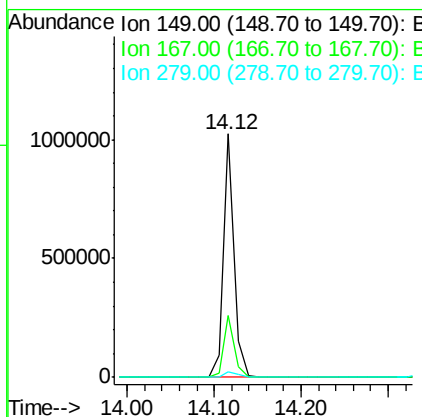
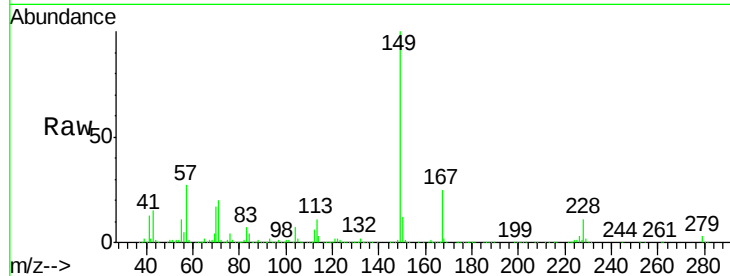
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.49 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-47(COMP)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	880156		
167	25.2	20.3	30.5	
279	2.5	1.9	2.9	

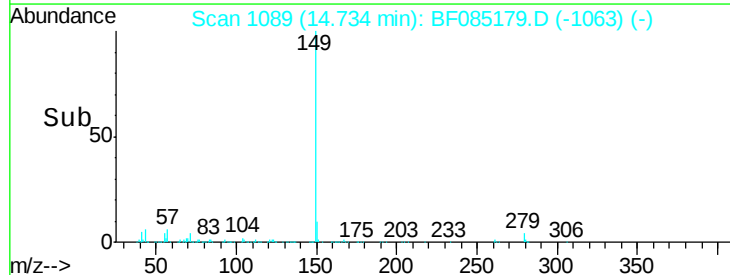
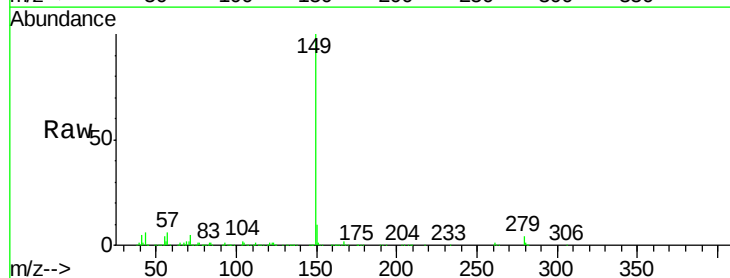
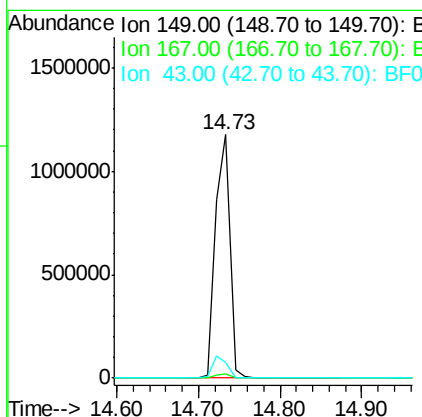
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#84
 Di-n-octyl phthalate
 Concen: 62.09 ng
 RT: 14.73 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF085179.D
 Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1447651		
167	1.5	1.1	1.7	
43	8.9	7.8	11.8	





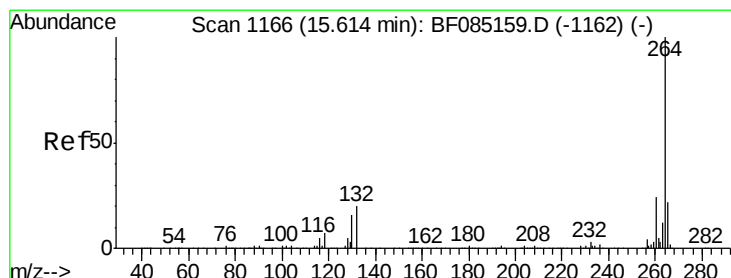
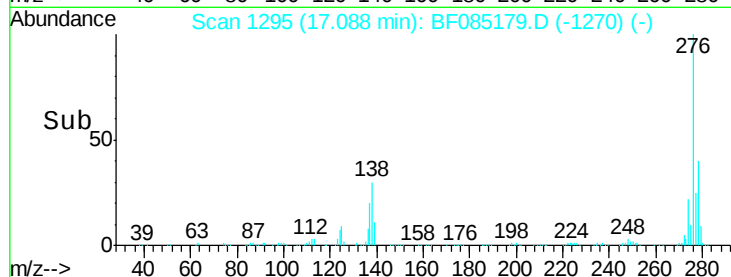
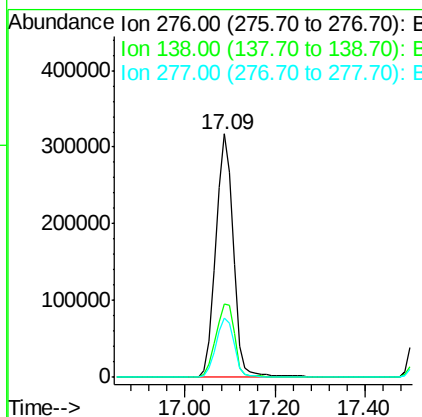
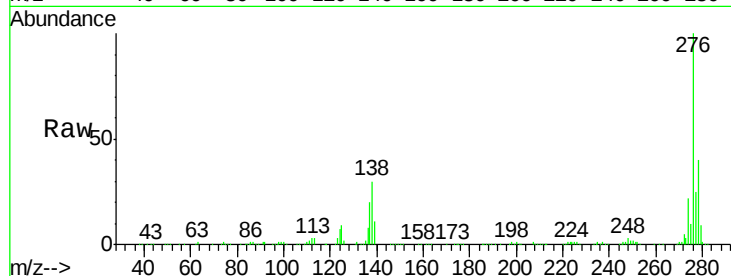
#85
Indeno(1,2,3-cd)pyrene
Concen: 59.35 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	26.4	39.6
277	25.4	20.2	30.2

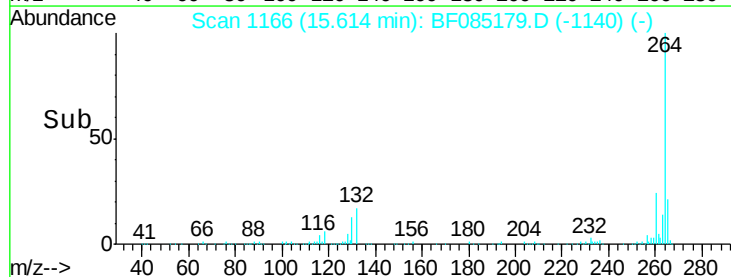
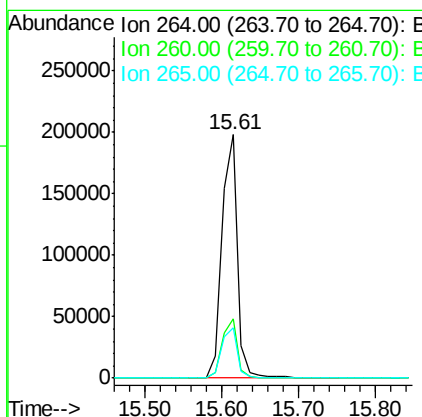
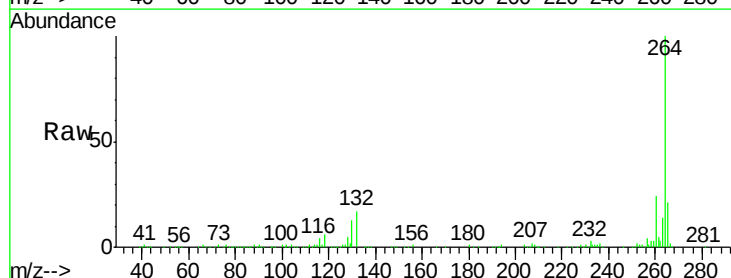
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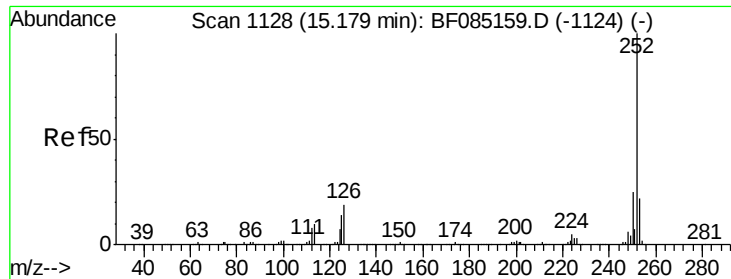
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 45.20 ng m

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

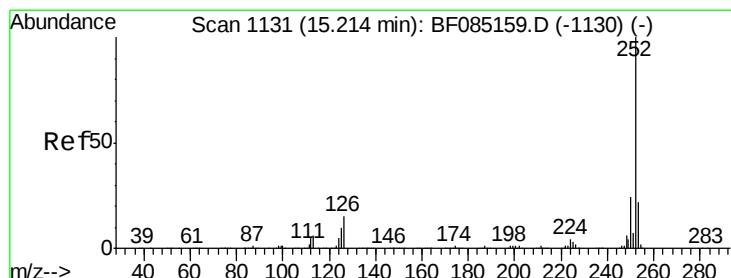
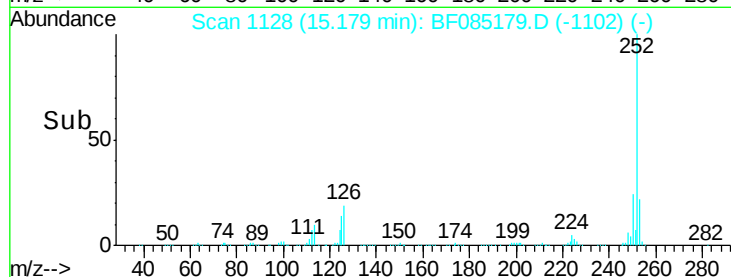
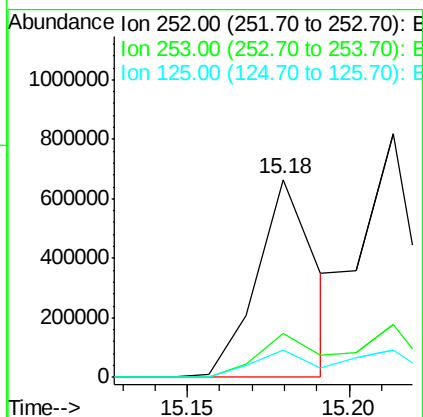
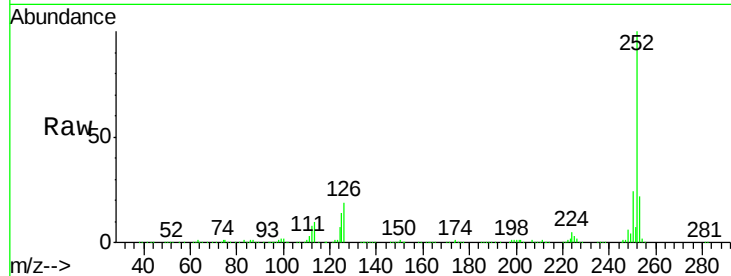
ClientSampleId :

SB-47(COMP)MS

Tgt Ion:	252	Resp:	845574
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	14.0	11.3	16.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 59.04 ng m

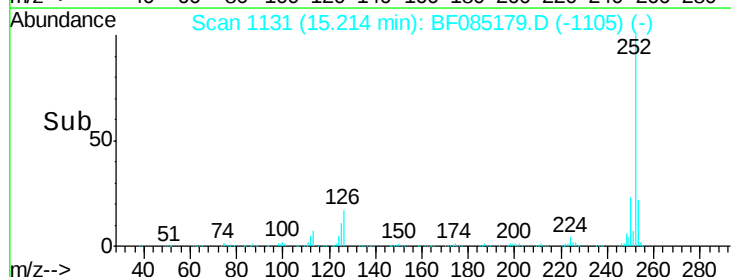
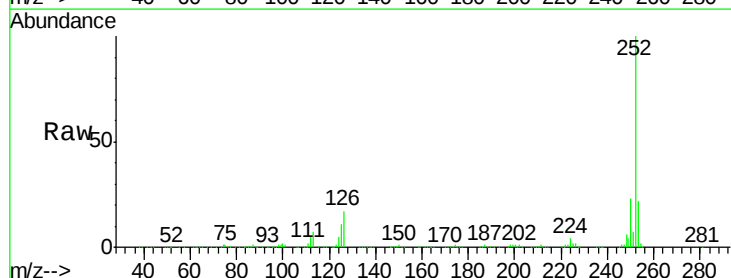
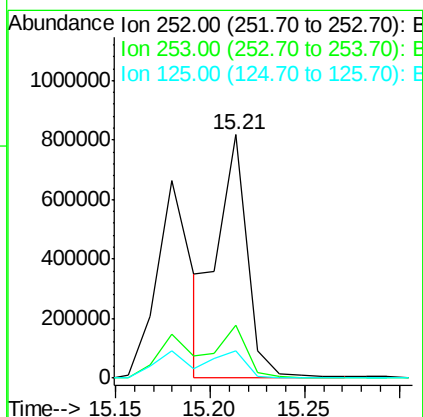
RT: 15.21 min Scan# 1131

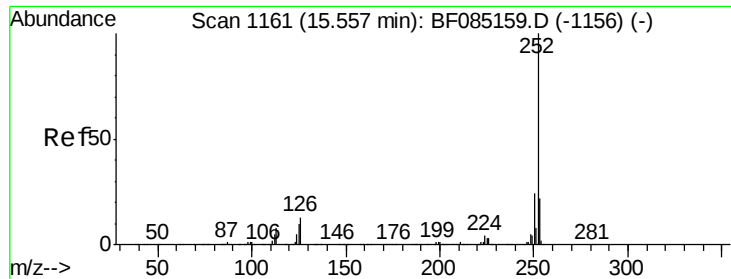
Delta R.T. 0.00 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Tgt Ion:	252	Resp:	890935
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	11.2	10.4	15.6





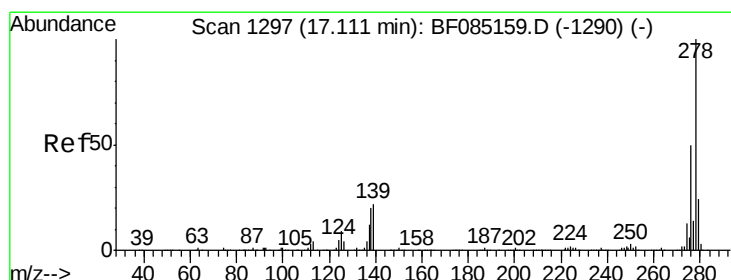
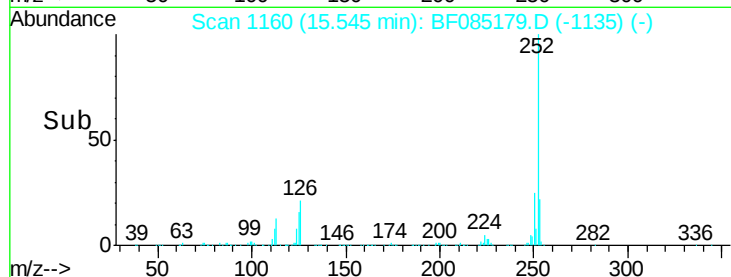
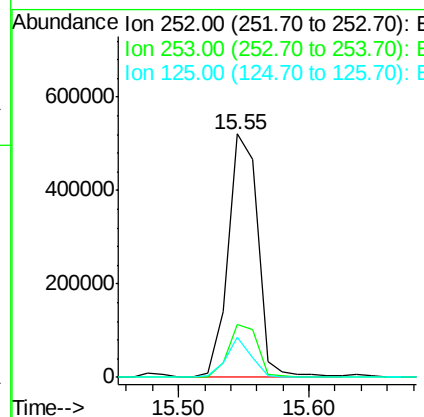
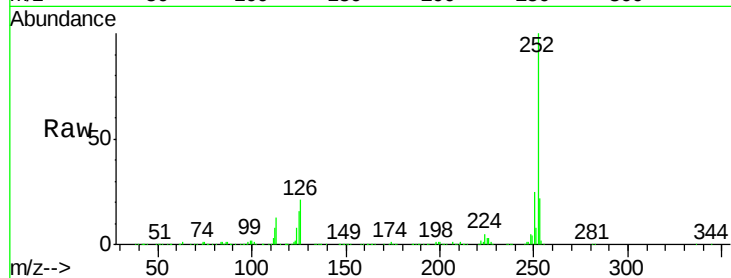
#89
Benzo(a)pyrene
Concen: 52.96 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Instrument :
BNA_F
ClientSampleId :
SB-47(COMP)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	16.2	8.2	12.4

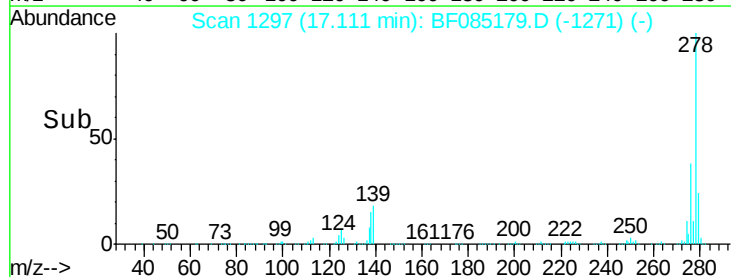
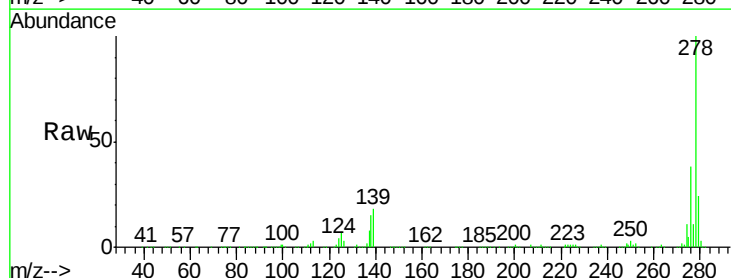
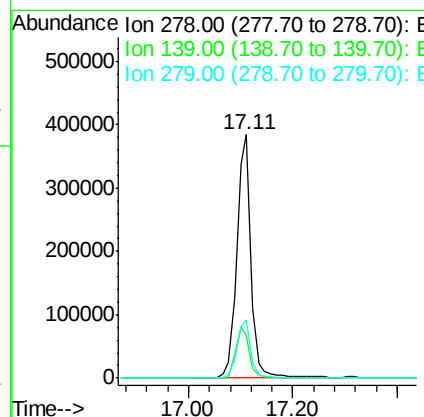
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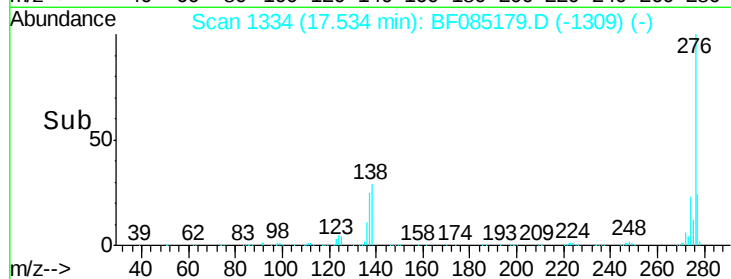
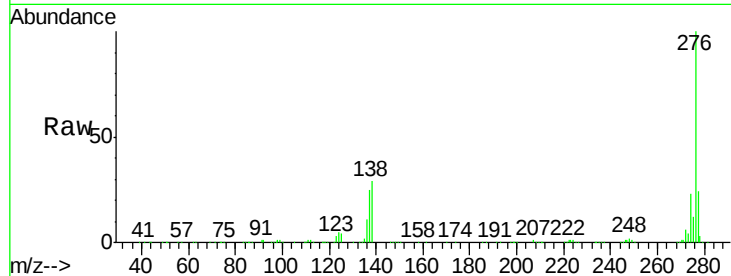
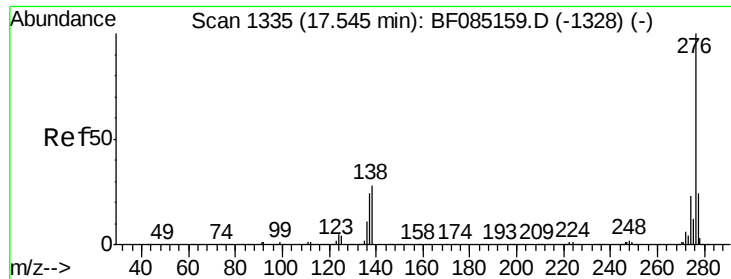
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#90
Dibenzo(a,h)anthracene
Concen: 55.31 ng
RT: 17.11 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF085179.D
Acq: 4 Mar 2016 1:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	17.3	25.9
279	23.8	19.2	28.8





#91

Benzo(g,h,i)perylene

Concen: 55.59 ng

RT: 17.53 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF085179.D

Acq: 4 Mar 2016 1:53

Instrument :

BNA_F

ClientSampleId :

SB-47(COMP)MS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		739743		
277	23.7	19.0	28.4		
138	29.2	22.5	33.7		

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