

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085180.D
 Acq On : 4 Mar 2016 2:21
 Operator : SJ/UM
 Sample : H1648-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 3/4/2016 4:36:07 PM

Quant Time: Mar 04 03:13:23 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	149933	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	614526	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	291664	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	545451	20.00	ng	0.00
75) Chrysene-d12	14.14	240	340594	20.00	ng	-0.01
86) Perylene-d12	15.61	264	267363	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1283378	143.58	ng	0.01
7) Phenol-d6	6.61	99	1659800	141.73	ng	0.00
23) Nitrobenzene-d5	7.54	82	1103683	96.11	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	398744	159.77	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1639713	85.50	ng	-0.01
78) Terphenyl-d14	13.09	244	1492445	101.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	185086	40.49	ng	100
3) Pyridine	3.50	79	554934	48.51	ng	98
4) n-Nitrosodimethylamine	3.45	42	230434	47.06	ng	98
6) Aniline	6.64	93	359415	21.90	ng	98
8) 2-Chlorophenol	6.77	128	545153	50.66	ng	97
9) Benzaldehyde	6.53	77	200492	35.30	ng	93
10) Phenol	6.62	94	571358m	45.55	ng	
11) bis(2-Chloroethyl)ether	6.71	93	488528	46.90	ng	90
12) 1,3-Dichlorobenzene	6.92	146	532414m	46.08	ng	
13) 1,4-Dichlorobenzene	7.00	146	534064	46.12	ng	97
14) 1,2-Dichlorobenzene	7.16	146	534821	50.91	ng	96
15) Benzyl Alcohol	7.12	79	512263	59.59	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.26	45	708714	47.20	ng	99
17) 2-Methylphenol	7.22	107	453793	51.68	ng	97
18) Hexachloroethane	7.50	117	208815	48.89	ng	94
19) n-Nitroso-di-n-propylamine	7.40	70	373638	48.95	ng	# 90
20) 3+4-Methylphenols	7.38	107	560277	53.87	ng	90
22) Acetophenone	7.40	105	713509	47.57	ng	# 90
24) Nitrobenzene	7.57	77	607848	52.10	ng	# 87
25) Isophorone	7.81	82	1061170	49.86	ng	96
26) 2-Nitrophenol	7.88	139	268124	47.23	ng	# 69
27) 2,4-Dimethylphenol	7.91	122	479695	46.23	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	677410	57.15	ng	99
29) 2,4-Dichlorophenol	8.12	162	405830	48.50	ng	89
30) 1,2,4-Trichlorobenzene	8.21	180	459378	50.78	ng	99
31) Naphthalene	8.29	128	1470794	48.67	ng	99
32) Benzoic acid	7.99	122	96202	13.96	ng	98
33) 4-Chloroaniline	8.33	127	133291	10.91	ng	# 91
34) Hexachlorobutadiene	8.40	225	219849	46.71	ng	98
35) Caprolactam	8.70	113	156824m	57.39	ng	
36) 4-Chloro-3-methylphenol	8.81	107	480227	50.59	ng	97
37) 2-Methylnaphthalene	8.98	142	1005812	51.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	372865	44.70	ng	99
40) Hexachlorocyclopentadiene	9.13	237	410811	91.31	ng	100

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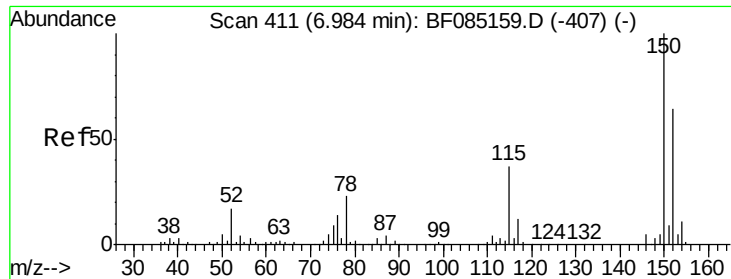
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	318599	51.31	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	303733	51.59	ng	98
45) 1,1'-Biphenyl	9.44	154	1063163	42.67	ng	98
46) 2-Chloronaphthalene	9.46	162	849202	44.71	ng	# 91
47) 2-Nitroaniline	9.56	65	271113	46.06	ng	100
48) Acenaphthylene	9.89	152	1464024	49.52	ng	98
49) Dimethylphthalate	9.75	163	1320086	58.97	ng	99
50) 2,6-Dinitrotoluene	9.81	165	260805	54.46	ng	# 79
51) Acenaphthene	10.06	154	962150	53.60	ng	99
52) 3-Nitroaniline	9.97	138	131346	22.92	ng	84
53) 2,4-Dinitrophenol	10.07	184	176783	73.47	ng	# 69
54) Dibenzofuran	10.23	168	1243715	52.89	ng	99
55) 4-Nitrophenol	10.13	139	382697	84.99	ng	# 76
56) 2,4-Dinitrotoluene	10.21	165	329713	53.79	ng	99
57) Fluorene	10.57	166	971451	52.59	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	245912	59.46	ng	98
59) Diethylphthalate	10.45	149	1079404	49.69	ng	100
60) 4-Chlorophenyl-phenylether	10.56	204	444582	49.47	ng	96
61) 4-Nitroaniline	10.58	138	226029	42.18	ng	99
62) Azobenzene	10.72	77	1166266	54.49	ng	98
64) 4,6-Dinitro-2-methylphenol	10.62	198	155511	47.62	ng	76
65) n-Nitrosodiphenylamine	10.68	169	796733	46.96	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	280288	52.92	ng	94
67) Hexachlorobenzene	11.12	284	291537	51.60	ng	96
68) Atrazine	11.20	200	250842	53.17	ng	99
69) Pentachlorophenol	11.30	266	305179	97.31	ng	99
70) Phenanthrene	11.53	178	1461873	51.14	ng	100
71) Anthracene	11.58	178	1385450	45.65	ng	99
72) Carbazole	11.74	167	1368930	51.45	ng	98
73) Di-n-butylphthalate	12.06	149	1542250	45.85	ng	99
74) Fluoranthene	12.72	202	1474926	51.41	ng	97
76) Benzidine	12.84	184	388610	38.34	ng	98
77) Pyrene	12.95	202	1496079	58.36	ng	99
79) Butylbenzylphthalate	13.56	149	632681	54.39	ng	99
80) Benzo(a)anthracene	14.13	228	1025674	50.30	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	146980	22.85	ng	# 97
82) Chrysene	14.17	228	1004977	53.35	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	827053	54.03	ng	99
84) Di-n-octyl phthalate	14.73	149	1358103	58.26	ng	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	846610	57.59	ng	100
87) Benzo(b)fluoranthene	15.18	252	785368m	44.07	ng	
88) Benzo(k)fluoranthene	15.21	252	814721m	56.68	ng	
89) Benzo(a)pyrene	15.55	252	754908	51.12	ng	# 94
90) Dibenzo(a,h)anthracene	17.11	278	703011	55.77	ng	96
91) Benzo(g,h,i)perylene	17.53	276	727753	57.41	ng	98

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



#1

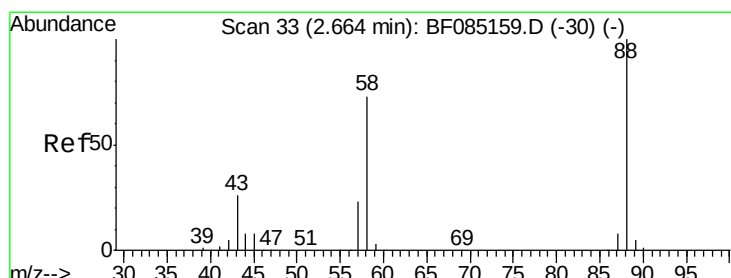
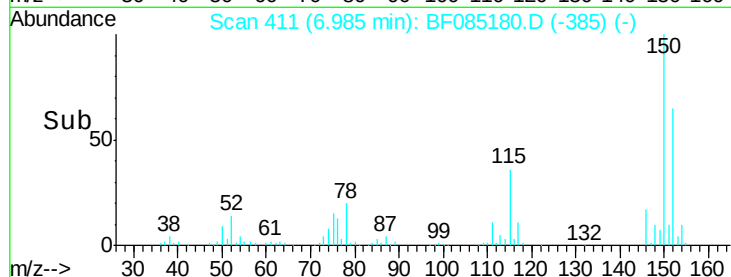
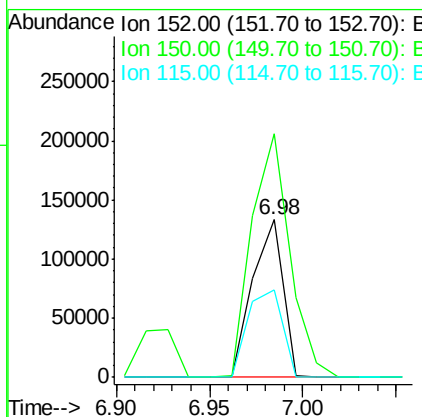
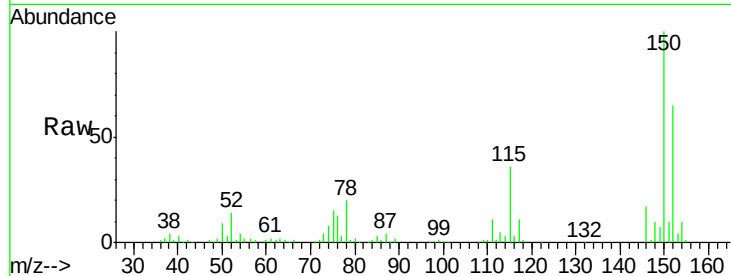
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	55.4	46.6	70.0

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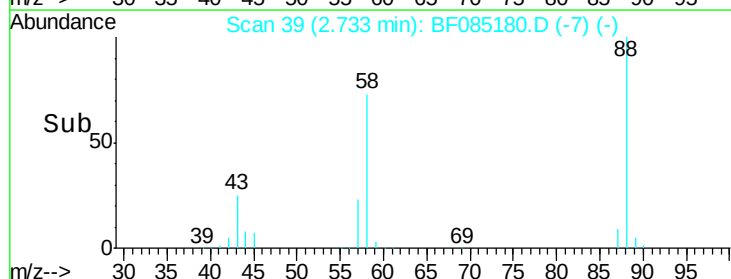
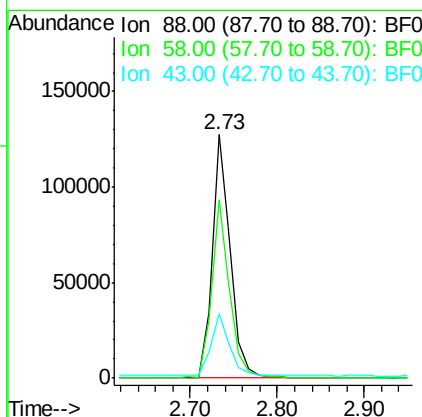
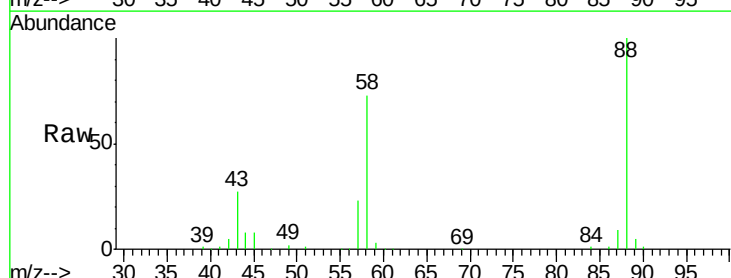
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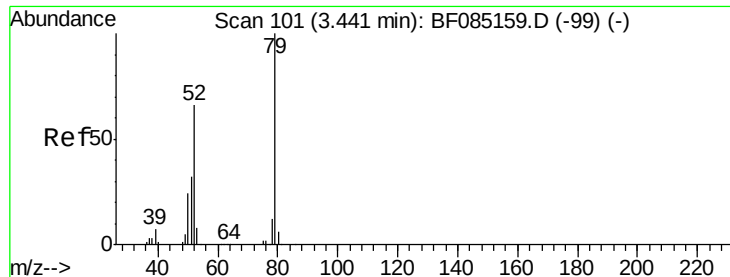


#2

1,4-Dioxane
Concen: 40.49 ng
RT: 2.73 min Scan# 39
Delta R.T. 0.07 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	57.0	85.6
43	25.4	20.5	30.7





#3

Pyridine

Concen: 48.51 ng

RT: 3.50 min Scan# 106

Delta R.T. 0.06 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

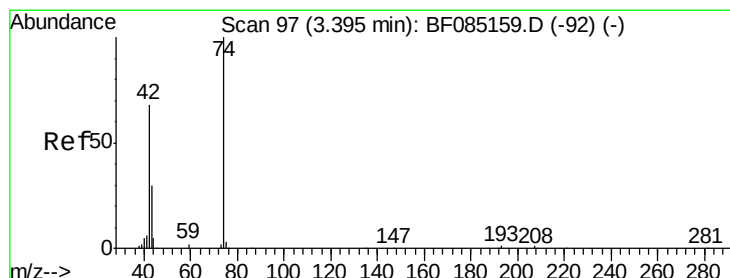
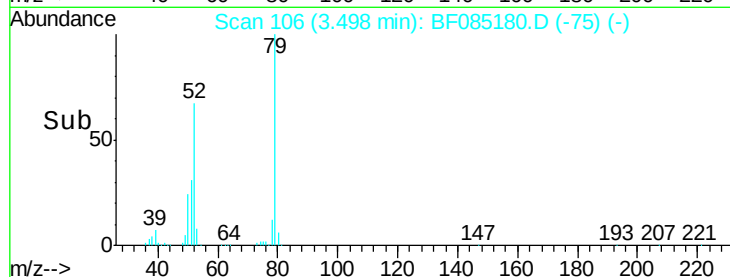
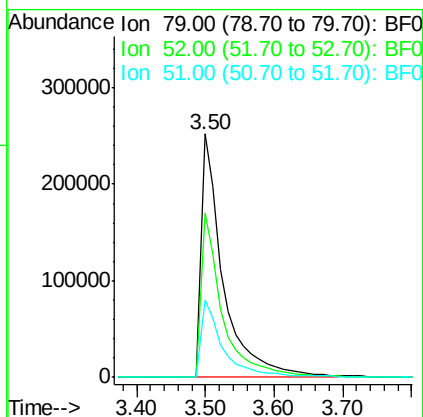
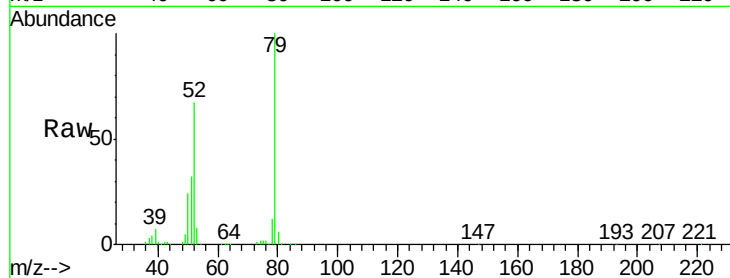
ClientSampleId :

SB-47(COMP)MSD

Tgt Ion:	79	Resp:	554934
Ion Ratio	Lower	Upper	
79	100		
52	67.5	52.6	79.0
51	31.7	25.8	38.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 47.06 ng

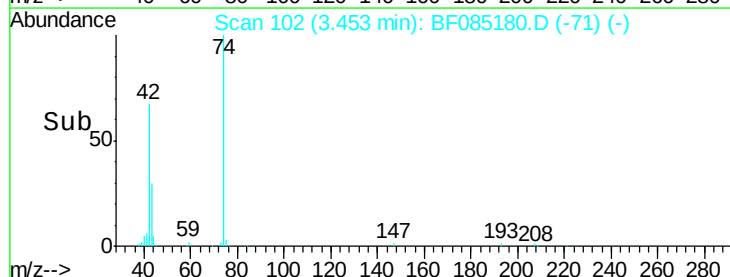
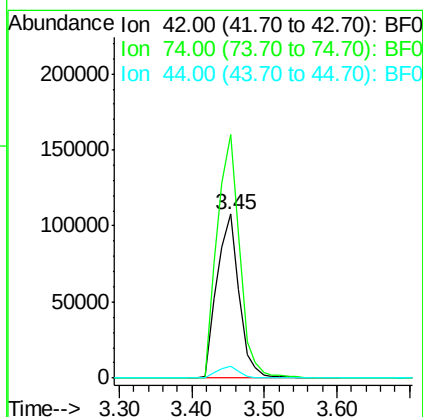
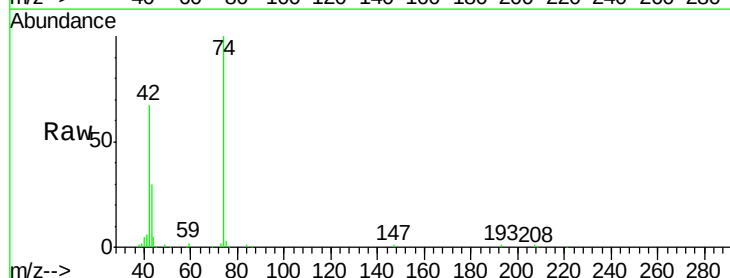
RT: 3.45 min Scan# 102

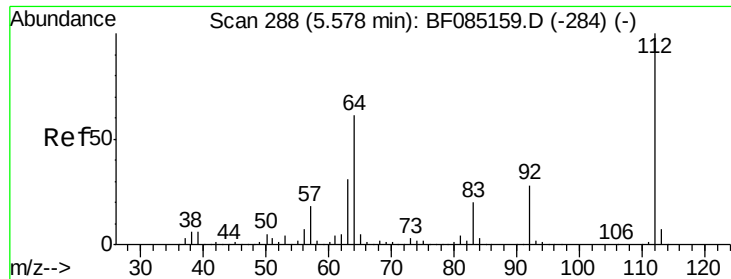
Delta R.T. 0.06 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Tgt Ion:	42	Resp:	230434
Ion Ratio	Lower	Upper	
42	100		
74	148.8	116.8	175.2
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 143.58 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

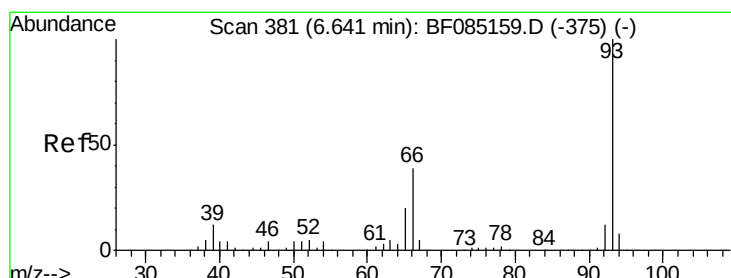
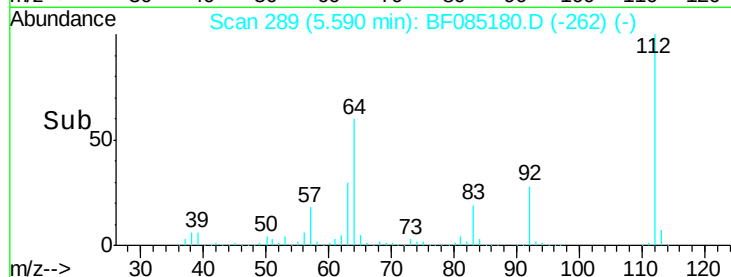
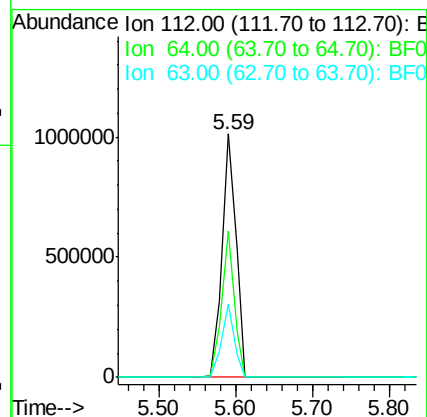
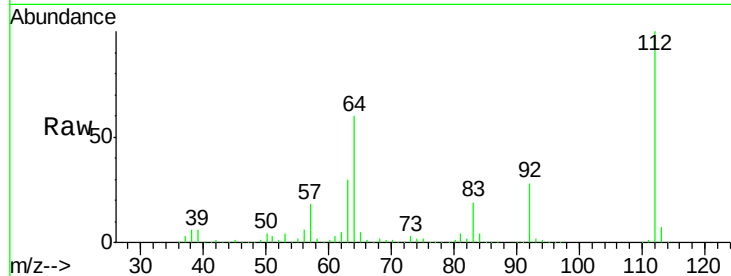
ClientSampleId :

SB-47(COMP)MSD

Tgt Ion:	112	Resp:	1283378
Ion	Ratio	Lower	Upper
112	100		
64	60.0	49.0	73.4
63	30.1	24.8	37.2

Manual Integrations
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#6

Aniline

Concen: 21.90 ng

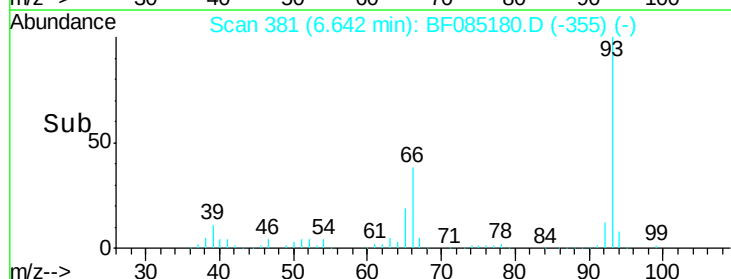
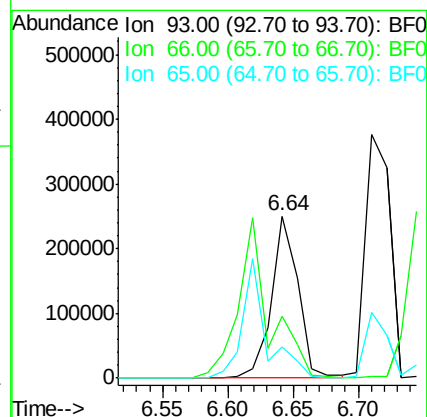
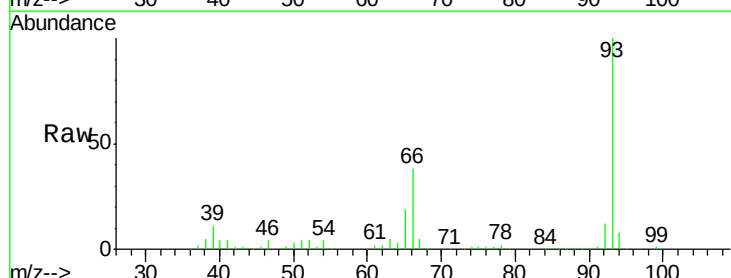
RT: 6.64 min Scan# 381

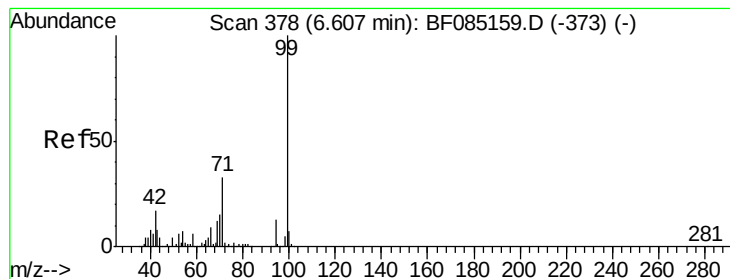
Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Tgt Ion:	93	Resp:	359415
Ion	Ratio	Lower	Upper
93	100		
66	38.4	31.6	47.4
65	18.8	15.8	23.8





#7

Phenol-d6

Concen: 141.73 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085180.D

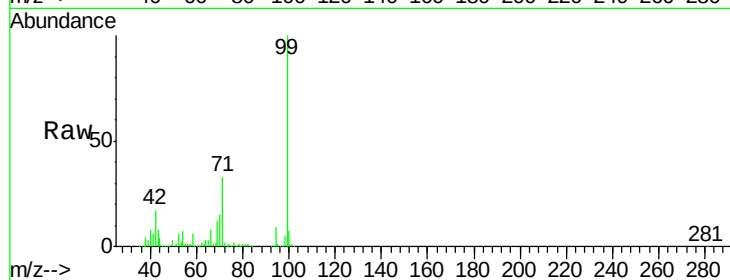
Acq: 4 Mar 2016 2:21

Instrument :

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SB-47(COMP)MSD



Tgt Ion: 99 Resp: 1659800

Ion Ratio Lower Upper

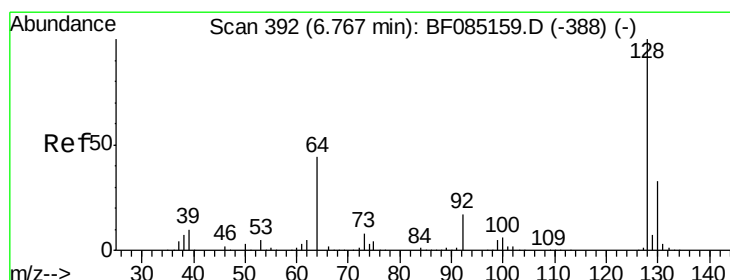
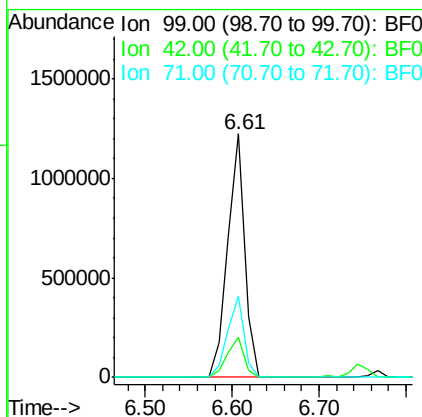
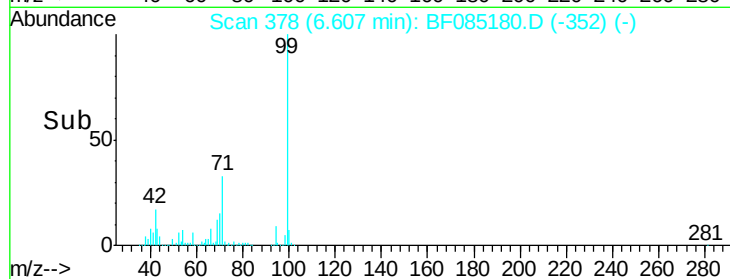
99 100

42 16.6 13.6 20.4

71 33.4 26.7 40.1

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#8

2-Chlorophenol

Concen: 50.66 ng

RT: 6.77 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

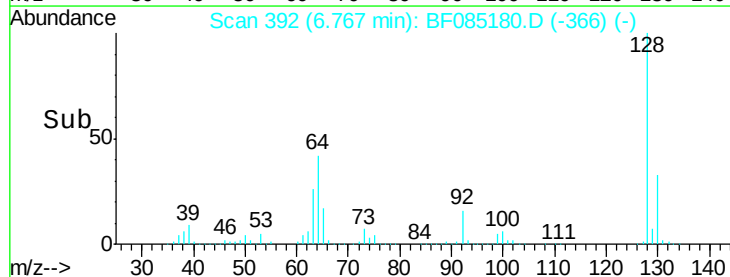
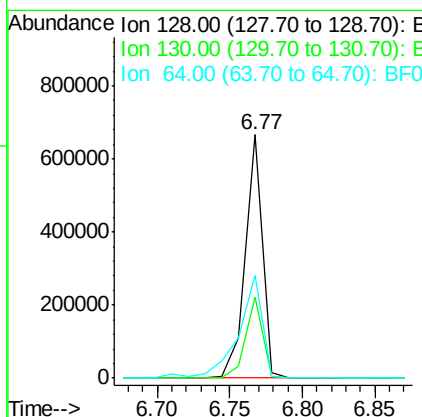
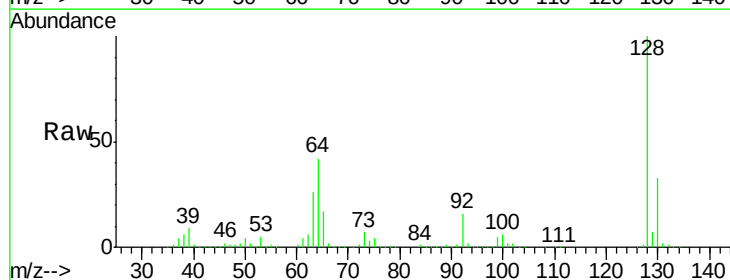
Tgt Ion: 128 Resp: 545153

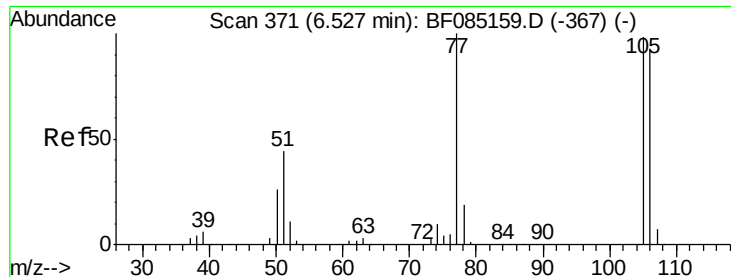
Ion Ratio Lower Upper

128 100

130 33.2 13.3 53.3

64 42.4 25.7 65.7





#9

Benzaldehyde

Concen: 35.30 ng

RT: 6.53 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

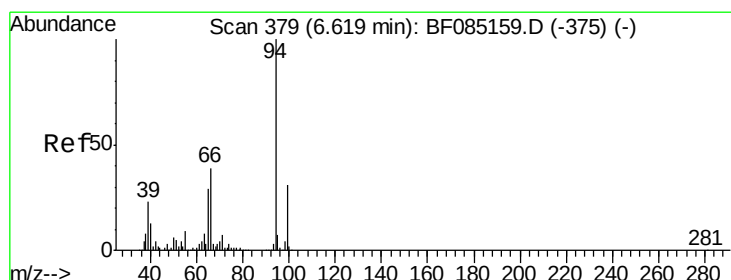
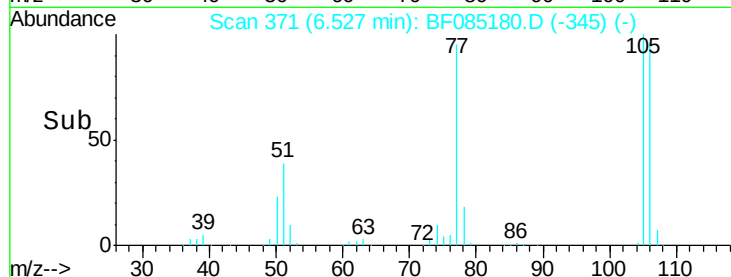
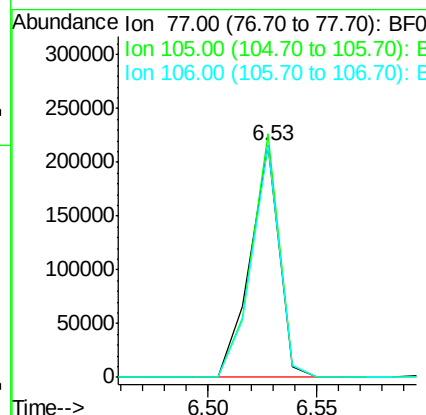
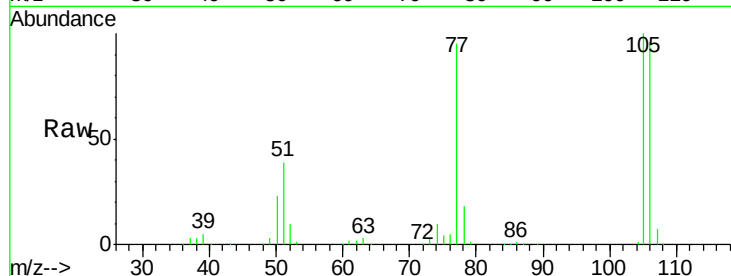
ClientSampleId :

SB-47(COMP)MSD

Tgt Ion:	77	Resp:	200492
Ion Ratio	Lower	Upper	
77	100		
105	105.0	78.2	118.2
106	100.3	72.9	112.9

Manual Integrations
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#10

Phenol

Concen: 45.55 ng m

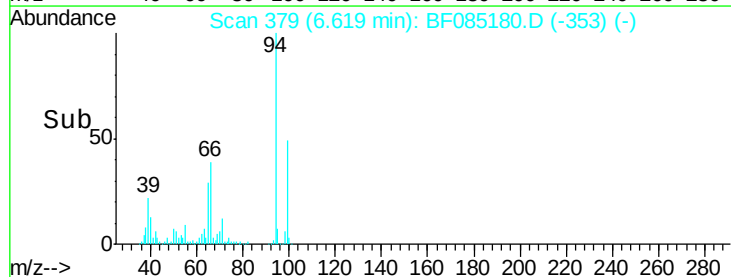
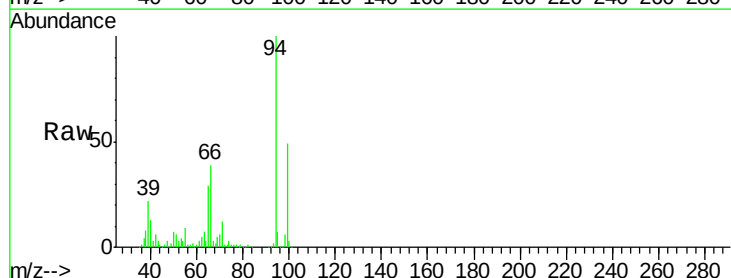
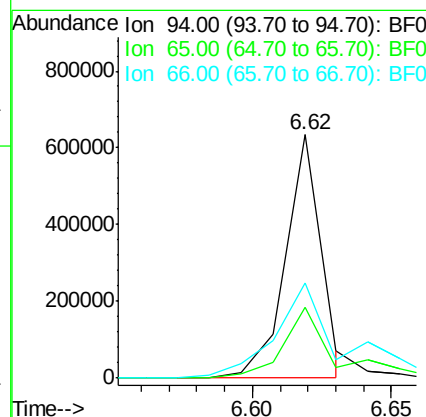
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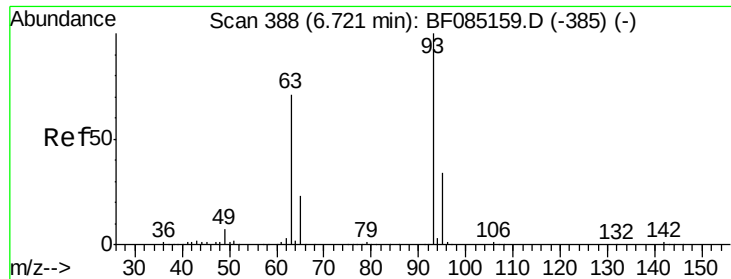
Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Tgt Ion:	94	Resp:	571358
Ion Ratio	Lower	Upper	
94	100		
65	29.2	9.1	49.1
66	39.2	19.3	59.3





#11

bis(2-Chloroethyl)ether

Concen: 46.90 ng

RT: 6.71 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

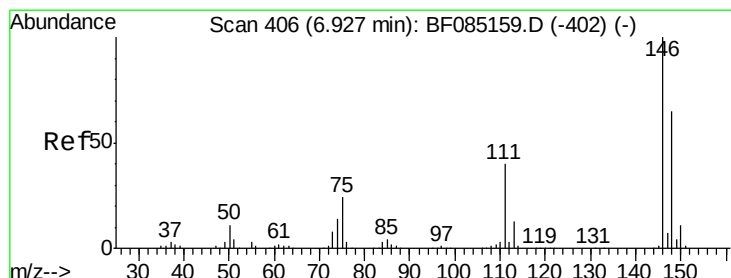
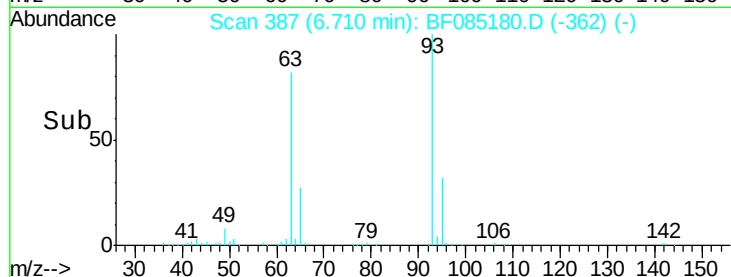
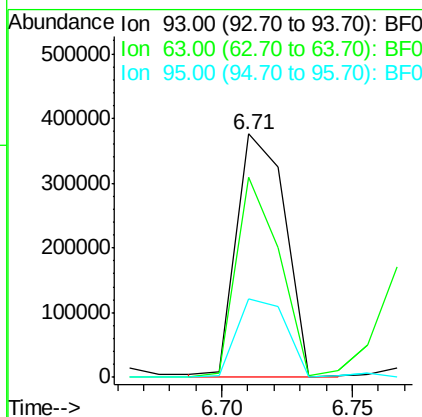
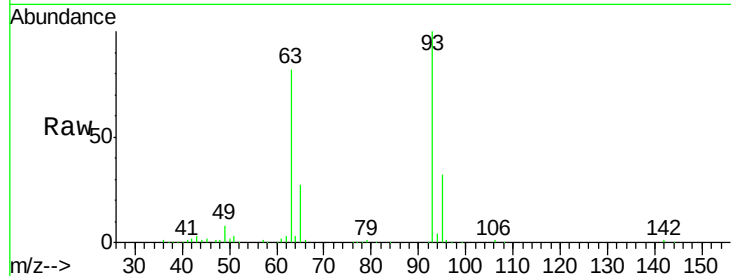
ClientSampleId :

SB-47(COMP)MSD

Tgt Ion:	93	Resp:	488528
Ion	Ratio	Lower	Upper
93	100		
63	82.0	50.9	90.9
95	32.4	13.7	53.7

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 46.08 ng m

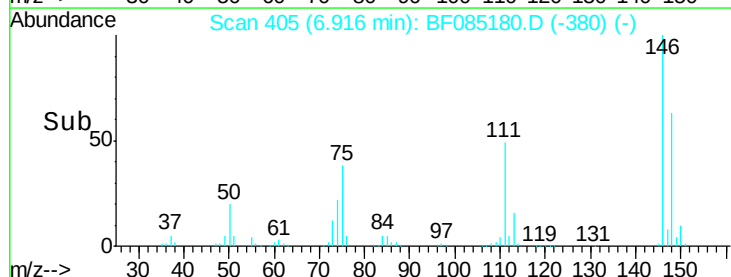
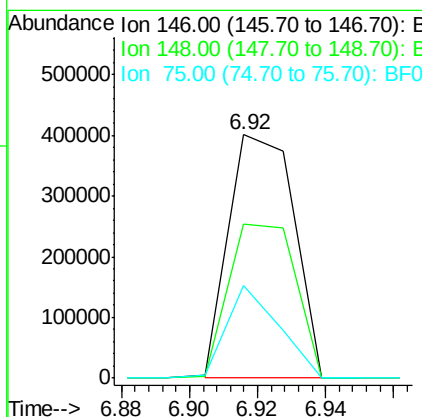
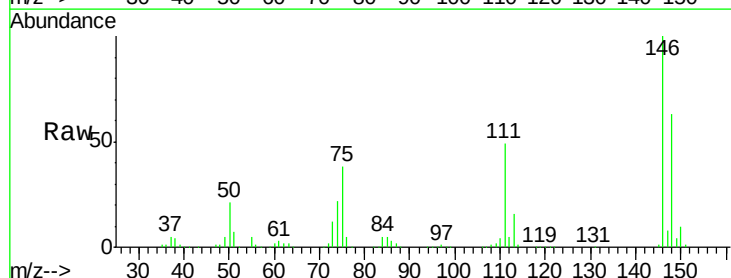
RT: 6.92 min Scan# 405

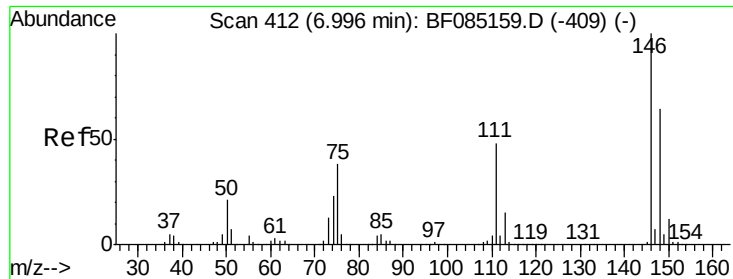
Delta R.T. -0.01 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Tgt Ion:	146	Resp:	532414
Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.1	78.1
75	38.2	19.5	29.3#





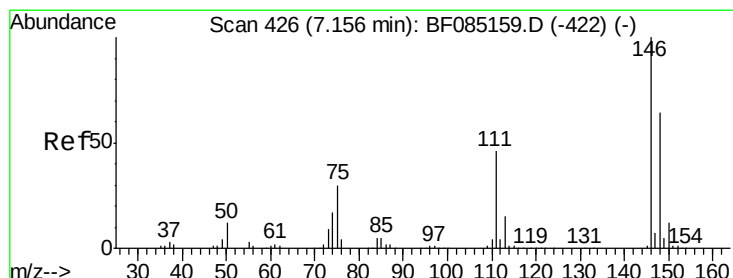
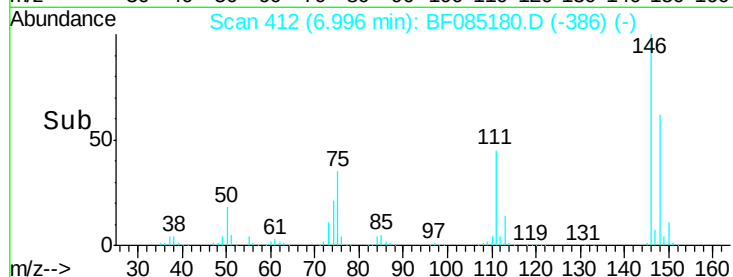
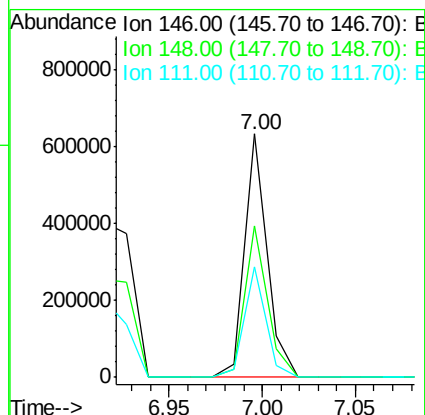
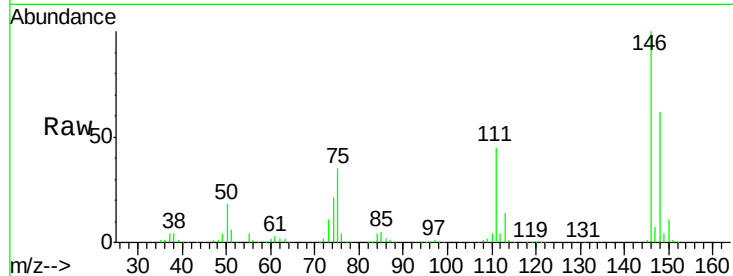
#13
1,4-Dichlorobenzene
Concen: 46.12 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.3	76.9
111	45.1	38.4	57.6

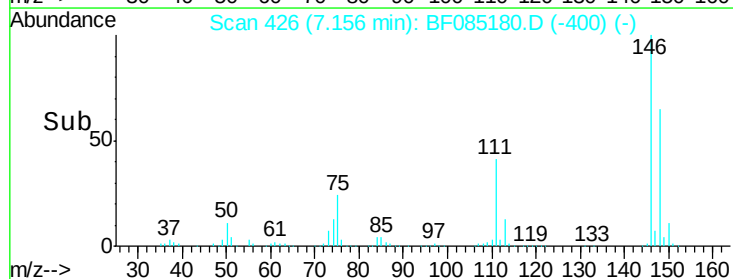
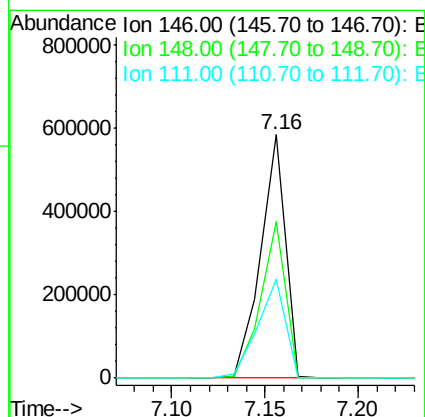
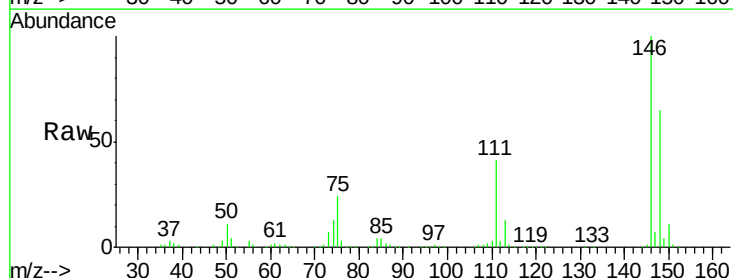
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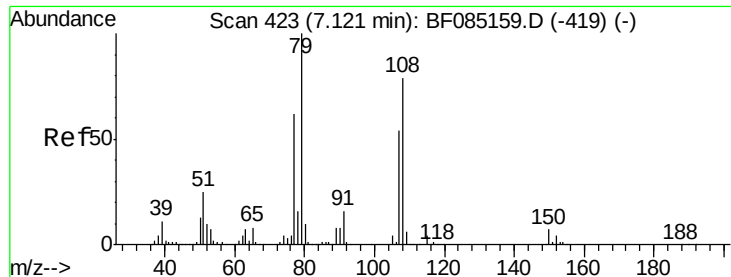
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#14
1,2-Dichlorobenzene
Concen: 50.91 ng
RT: 7.16 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
111	40.5	36.7	55.1





#15

Benzyl Alcohol

Concen: 59.59 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

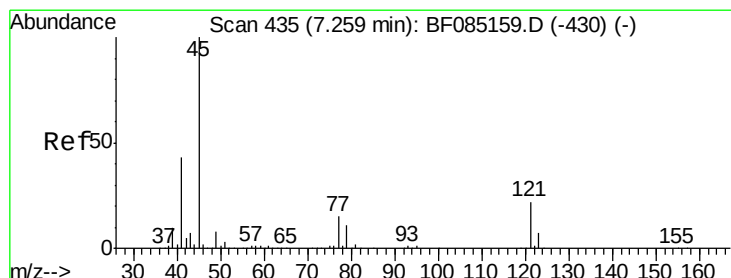
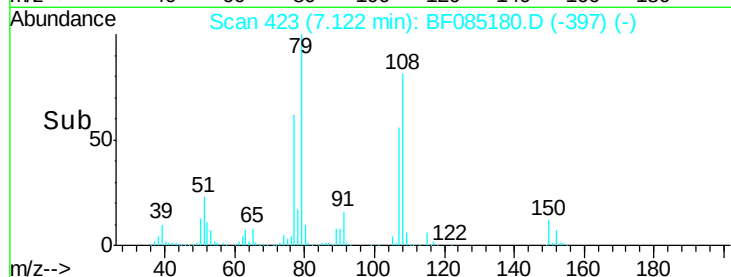
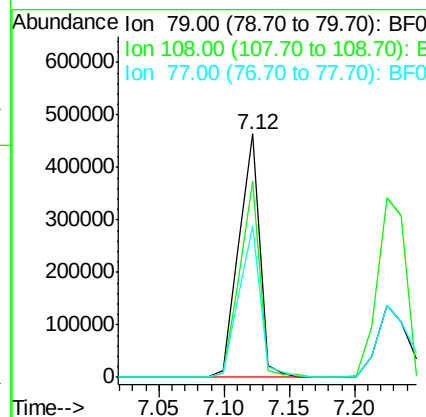
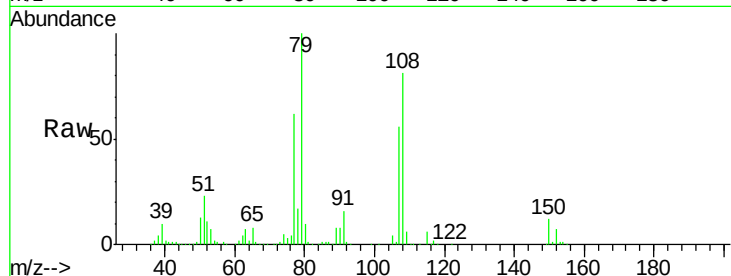
ClientSampleId :

SB-47(COMP)MSD

Tgt Ion:	79	Resp:	512263
Ion Ratio	Lower	Upper	
79	100		
108	80.7	62.9	94.3
77	62.4	49.5	74.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.20 ng

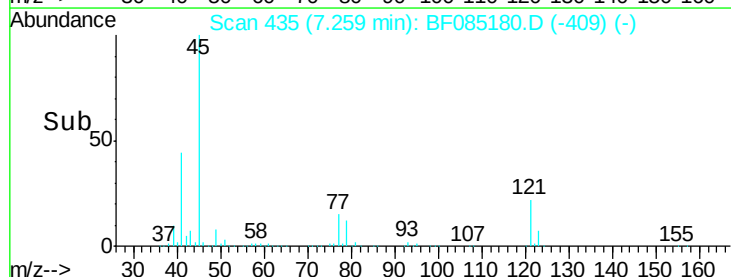
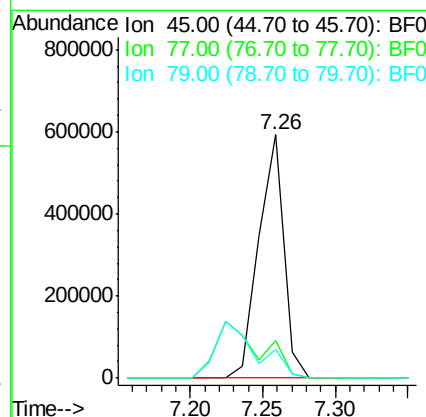
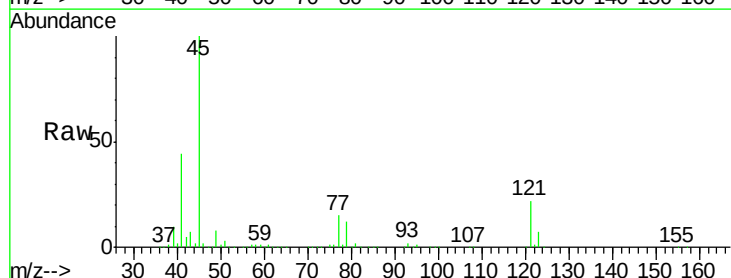
RT: 7.26 min Scan# 435

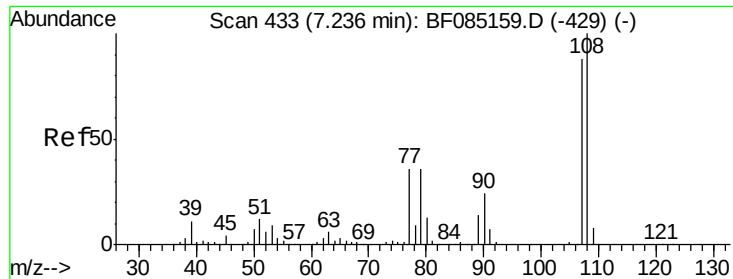
Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Tgt Ion:	45	Resp:	708714
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	35.1
79	11.9	0.0	31.3





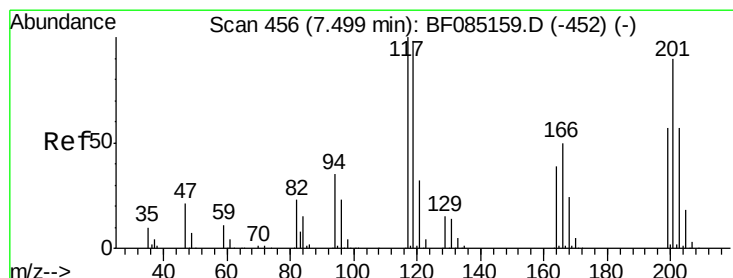
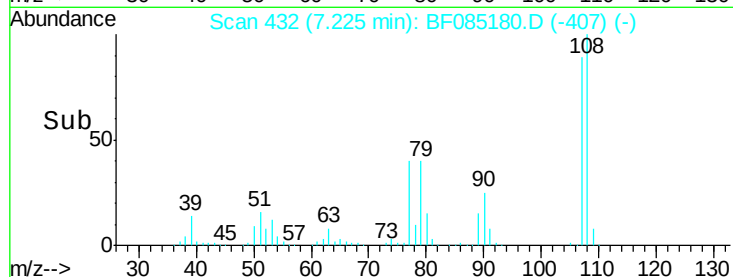
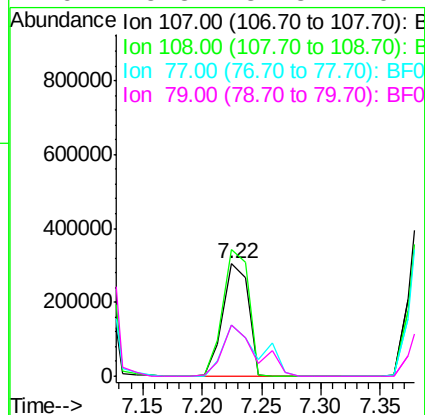
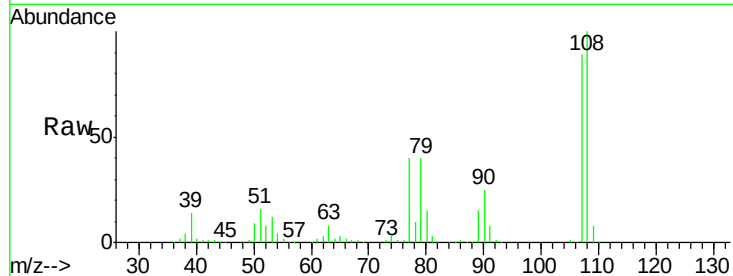
#17
2-Methylphenol
Concen: 51.68 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

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

Tgt Ion:	107	Resp:	453793
Ion Ratio	Lower	Upper	
107	100		
108	112.9	90.9	136.3
77	45.4	32.6	48.8
79	45.3	32.8	49.2

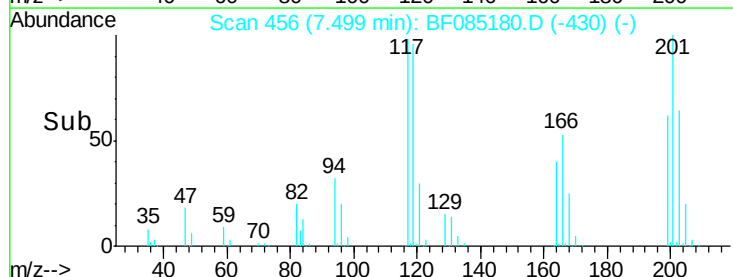
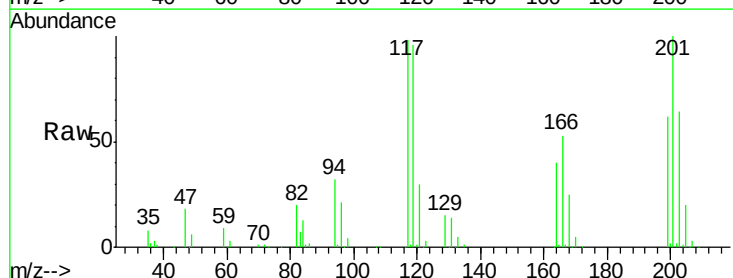
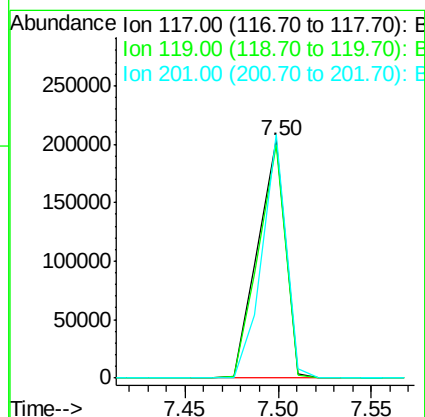
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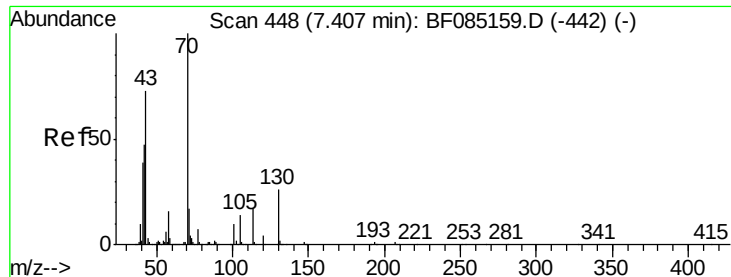
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#18
Hexachloroethane
Concen: 48.89 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion:	117	Resp:	208815
Ion Ratio	Lower	Upper	
117	100		
119	97.9	78.2	117.4
201	102.1	72.0	108.0





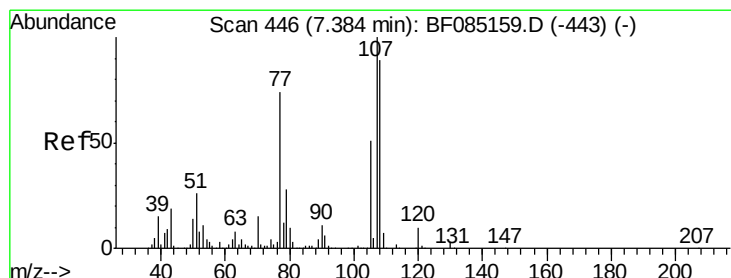
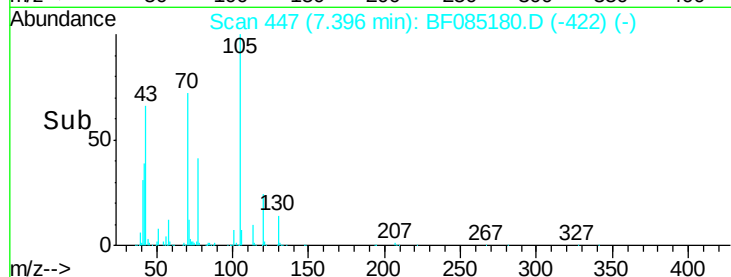
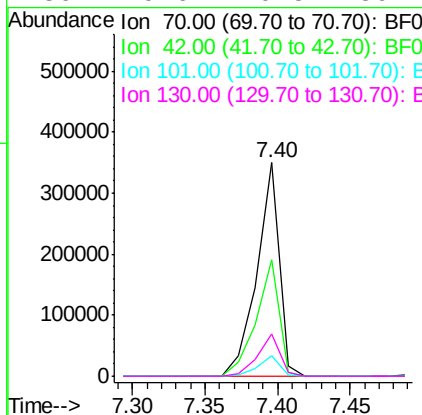
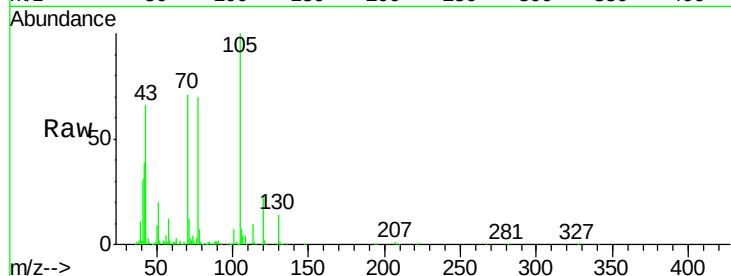
#19
n-Nitroso-di-n-propylamine
Concen: 48.95 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.3	37.7	56.5
101	9.8	8.2	12.4
130	19.6	20.5	30.7#

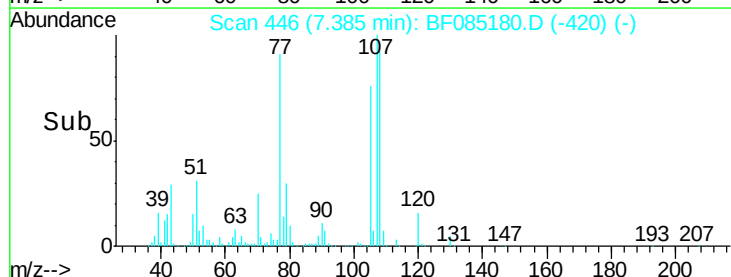
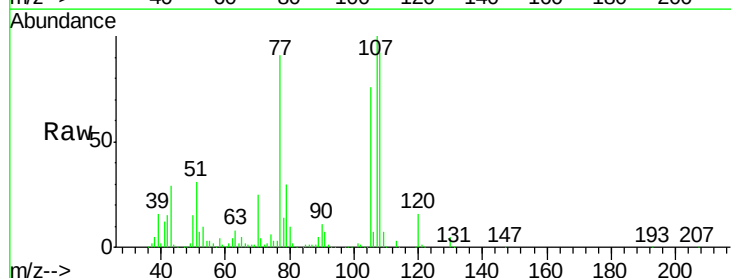
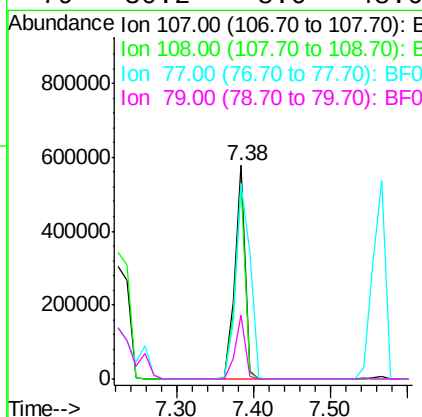
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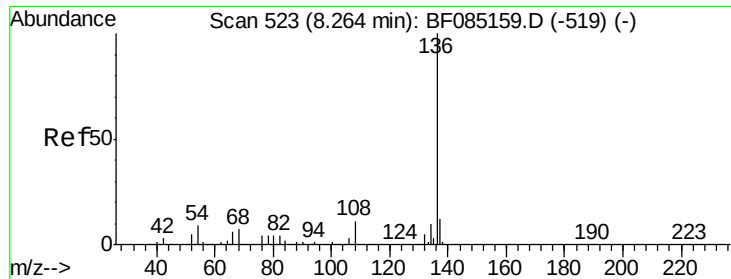
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#20
3+4-Methylphenols
Concen: 53.87 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.8	108.8
77	91.3	53.6	93.6
79	30.2	8.0	48.0





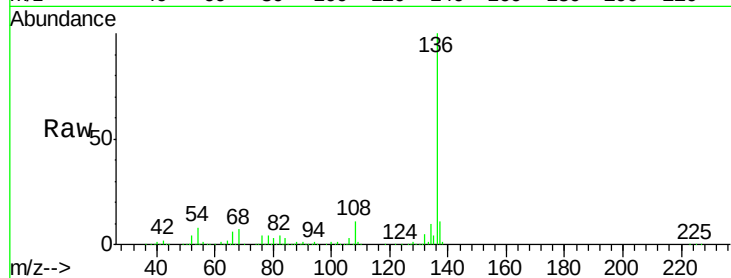
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

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

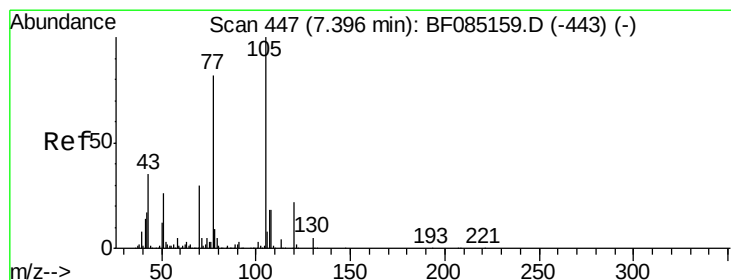
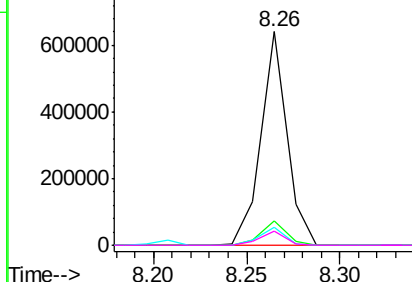
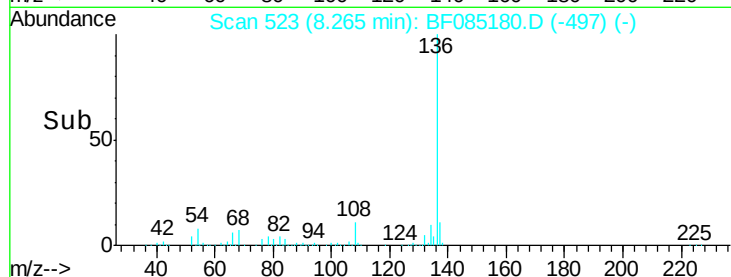
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.4	9.3	13.9
54	8.3	7.4	11.2
68	6.9	6.0	9.0

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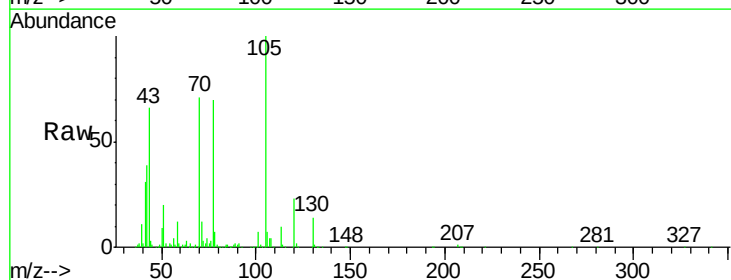


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

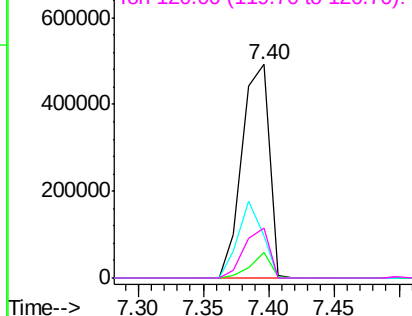
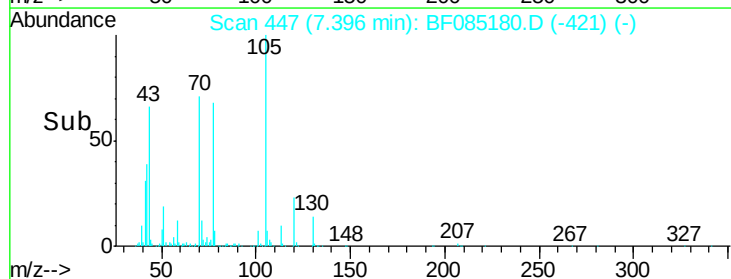


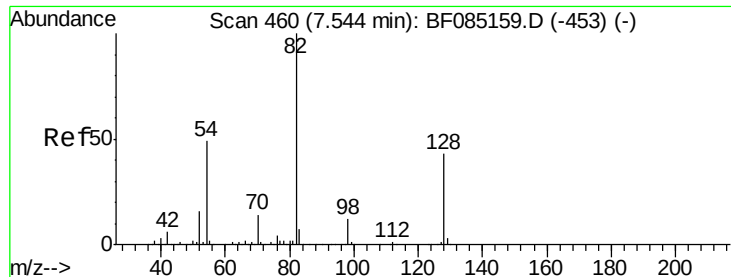
#22
Acetophenone
Concen: 47.57 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	12.2	4.1	6.1#
51	20.1	21.1	31.7#
120	23.2	17.3	25.9



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





#23

Nitrobenzene-d5

Concen: 96.11 ng

RT: 7.54 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

ClientSampleId :

SB-47(COMP)MSD

Tgt Ion: 82 Resp: 1103683

Ion Ratio Lower Upper

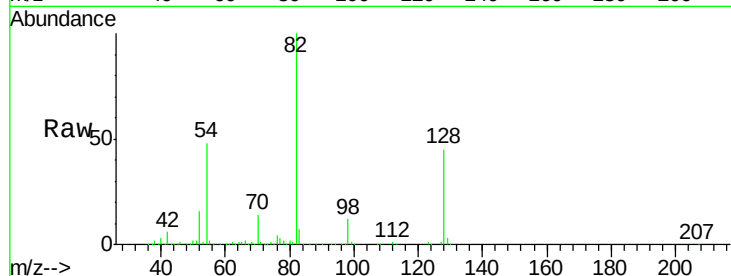
82 100

128 44.8 34.5 51.7

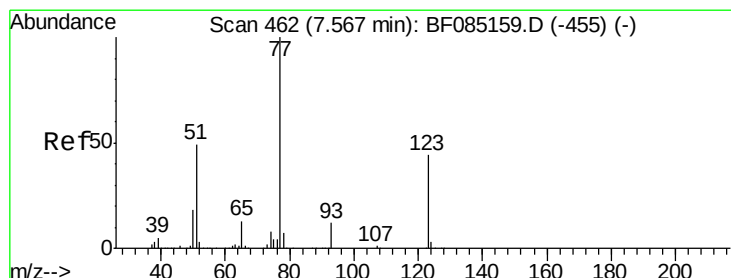
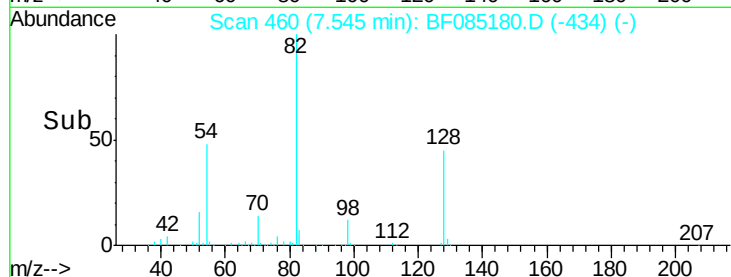
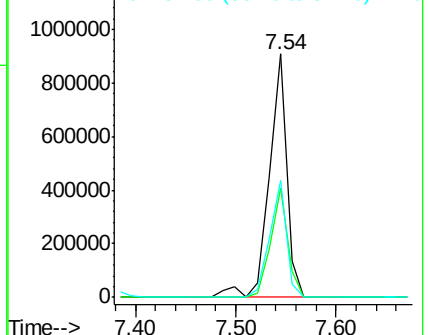
54 48.0 39.3 58.9

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



#24

Nitrobenzene

Concen: 52.10 ng

RT: 7.57 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

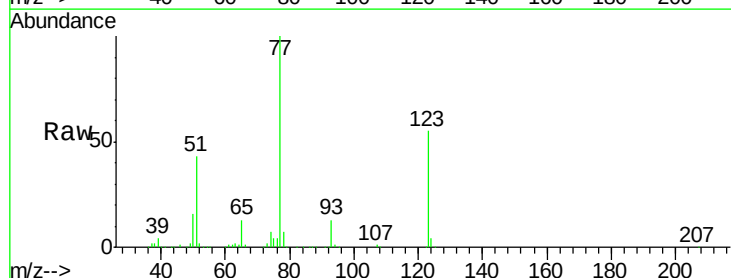
Tgt Ion: 77 Resp: 607848

Ion Ratio Lower Upper

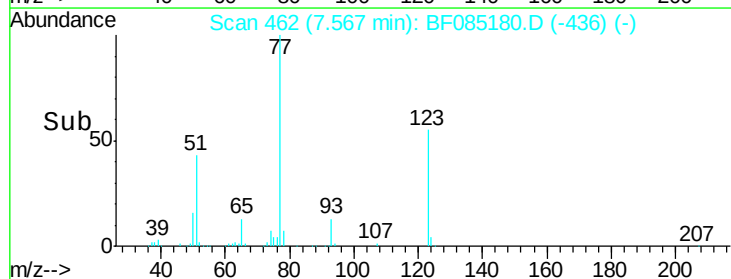
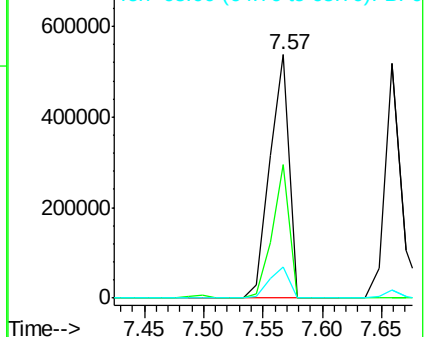
77 100

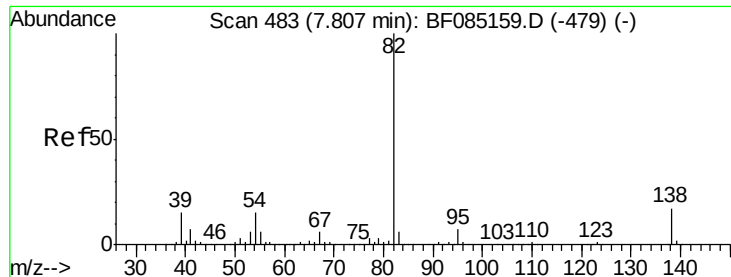
123 55.0 35.4 53.2#

65 12.6 10.6 16.0



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





#25

Isophorone

Concen: 49.86 ng

RT: 7.81 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

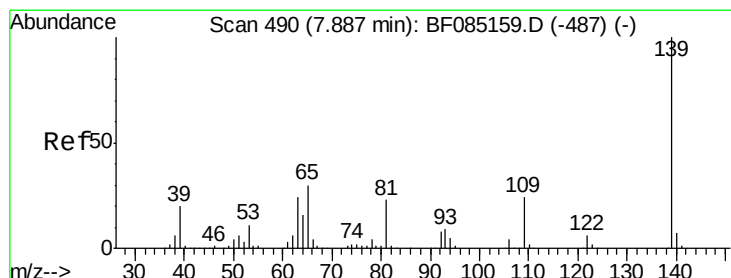
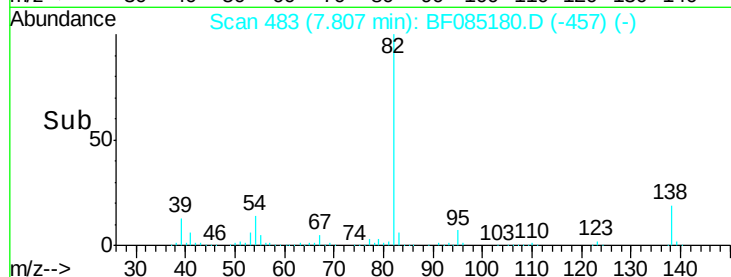
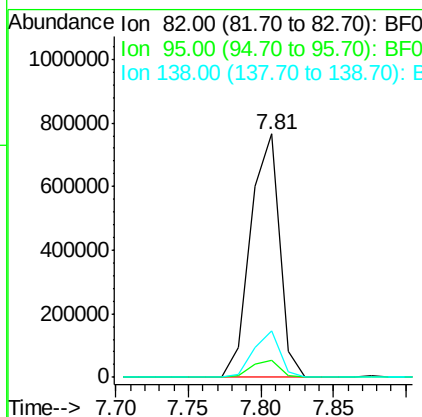
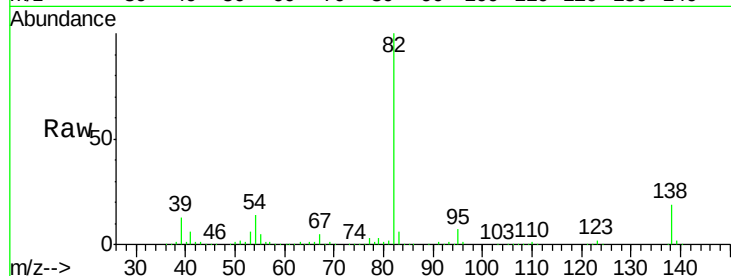
ClientSampleId :

SB-47(COMP)MSD

Tgt Ion:	82	Resp:	1061170
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	19.2	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.23 ng

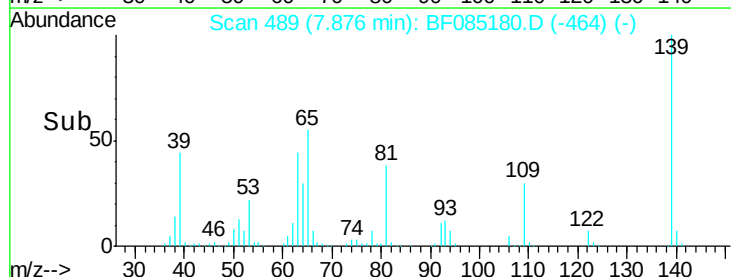
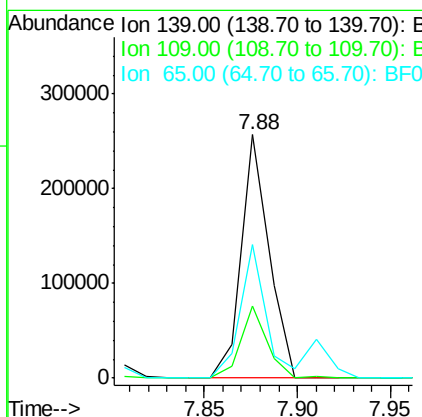
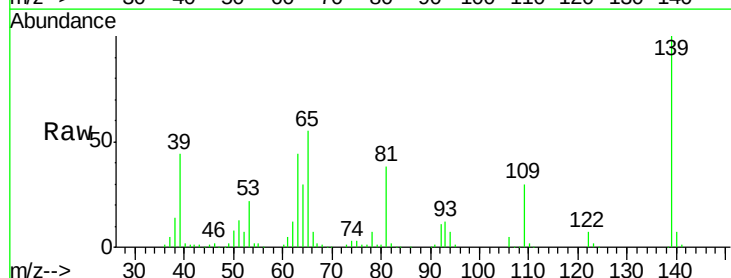
RT: 7.88 min Scan# 489

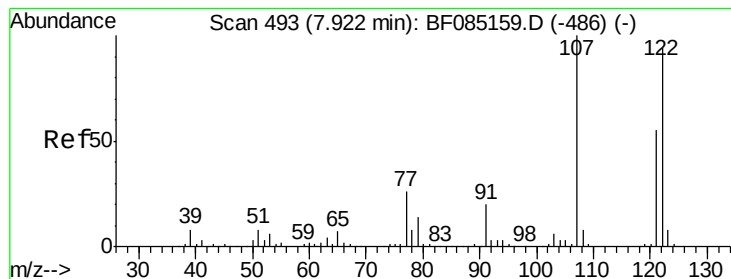
Delta R.T. -0.01 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

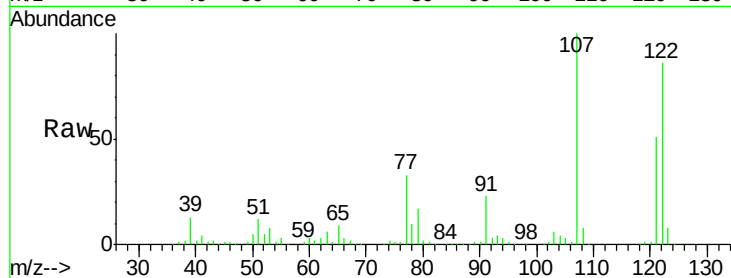
Tgt Ion:	139	Resp:	268124
Ion Ratio		Lower	Upper
139	100		
109	29.8	19.1	28.7#
65	54.9	23.9	35.9#





#27
 2,4-Dimethylphenol
 Concen: 46.23 ng
 RT: 7.91 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

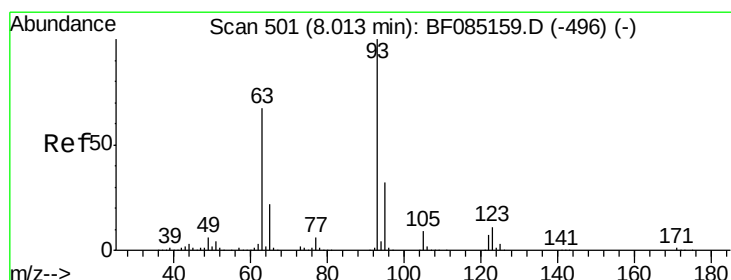
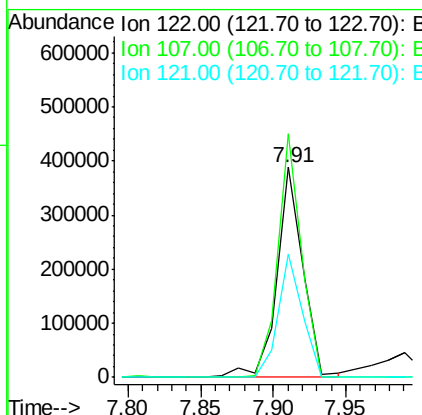
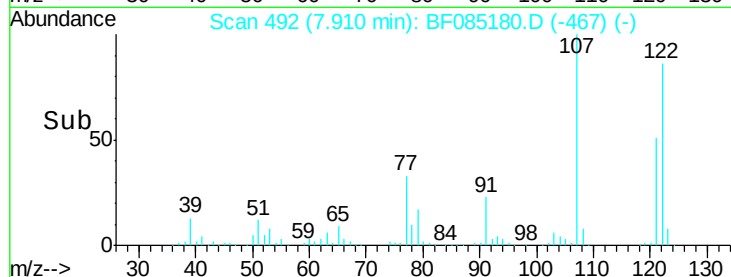
Instrument :
 BNA_F
 ClientSampleId :
 SB-47(COMP)MSD



Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.8	84.8	127.2
121	58.5	47.0	70.6

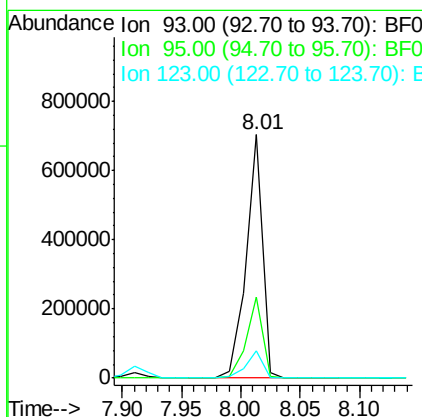
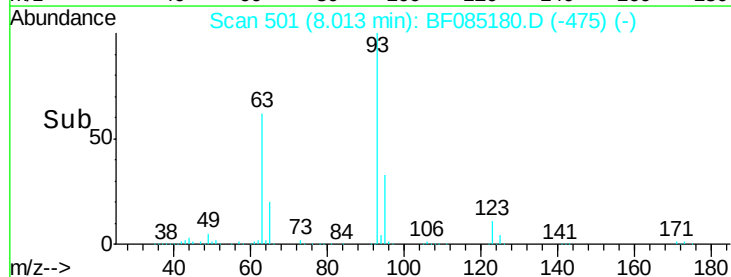
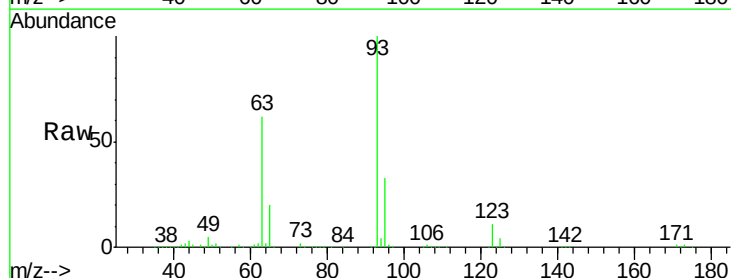
Manual Integrations
 APPROVED

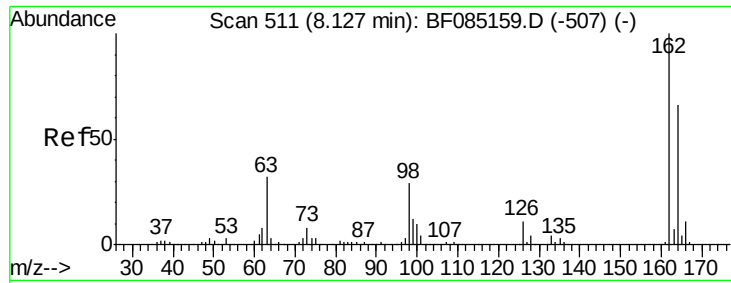
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#28
 bis(2-Chloroethoxy)methane
 Concen: 57.15 ng
 RT: 8.01 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.9	38.9
123	11.0	8.8	13.2





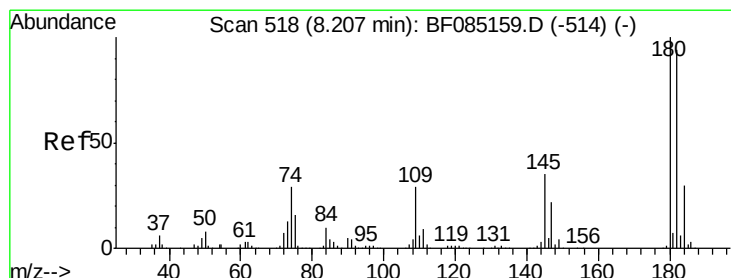
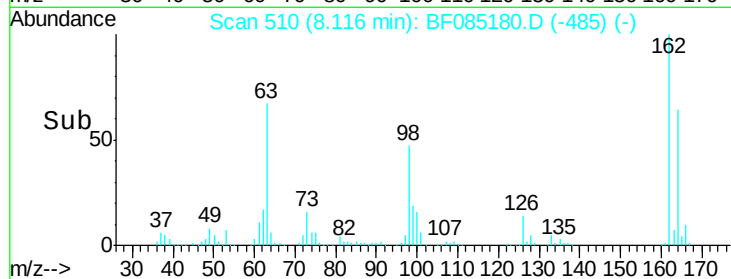
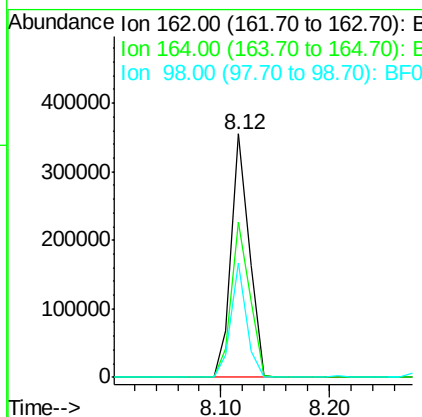
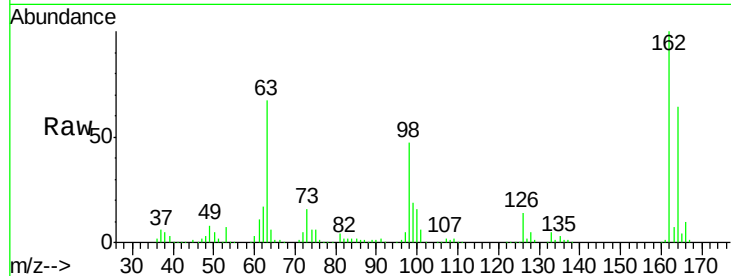
#29
 2,4-Dichlorophenol
 Concen: 48.50 ng
 RT: 8.12 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	45.7	85.7
98	46.8	9.4	49.4

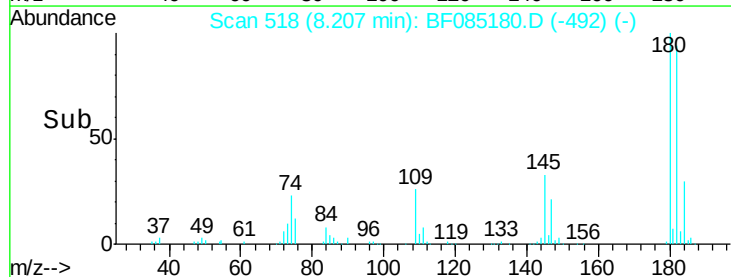
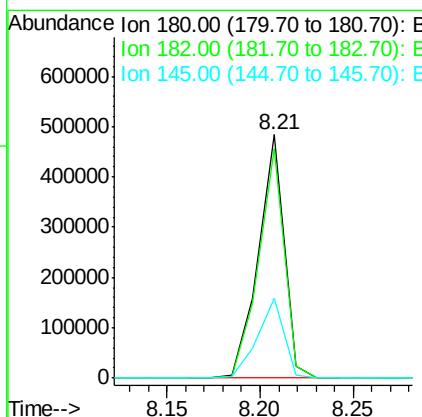
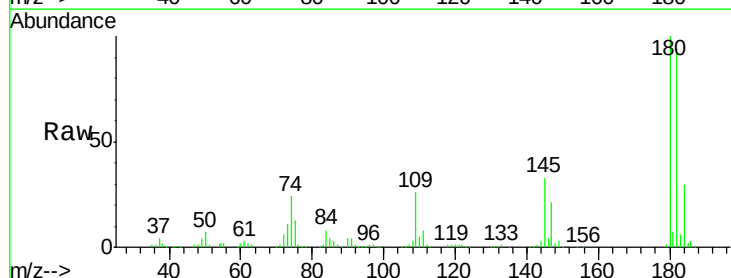
Manual Integrations
 APPROVED

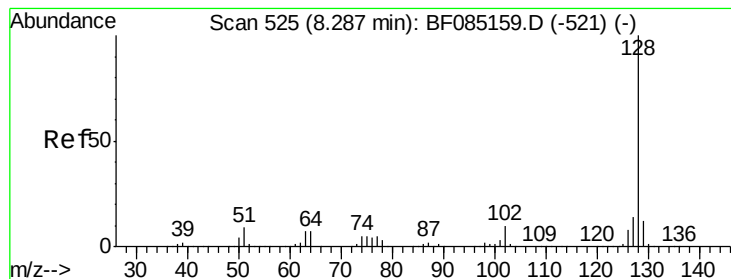
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#30
 1,2,4-Trichlorobenzene
 Concen: 50.78 ng
 RT: 8.21 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	74.9	112.3
145	32.6	27.9	41.9





#31

Naphthalene

Concen: 48.67 ng

RT: 8.29 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

ClientSampleId :

SB-47(COMP)MSD

Tgt Ion:128 Resp: 1470794

Ion Ratio Lower Upper

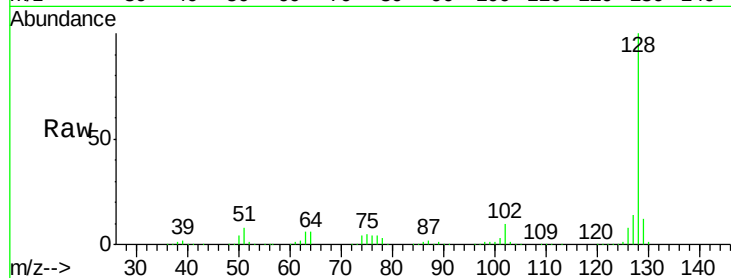
128 100

129 11.7 9.7 14.5

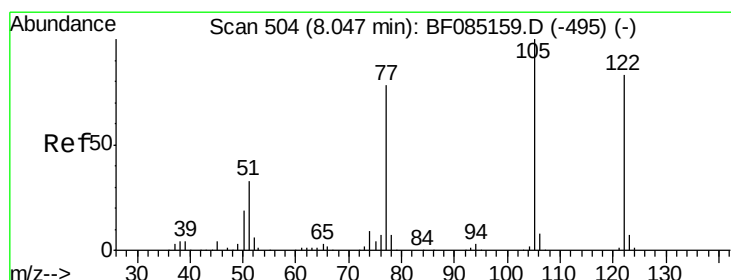
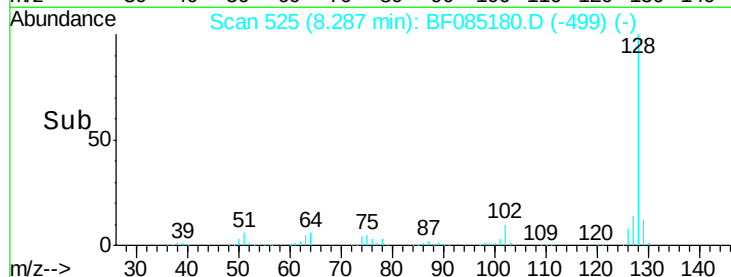
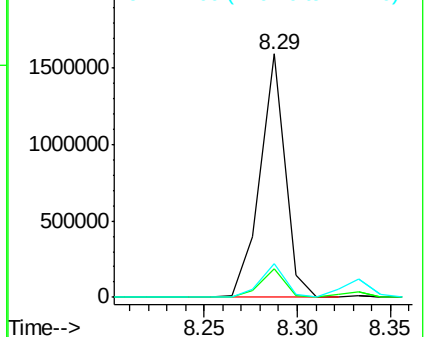
127 13.8 11.2 16.8

Manual Integrations
APPROVED

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.96 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

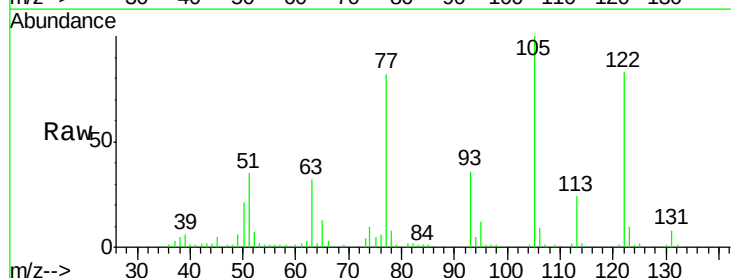
Tgt Ion:122 Resp: 96202

Ion Ratio Lower Upper

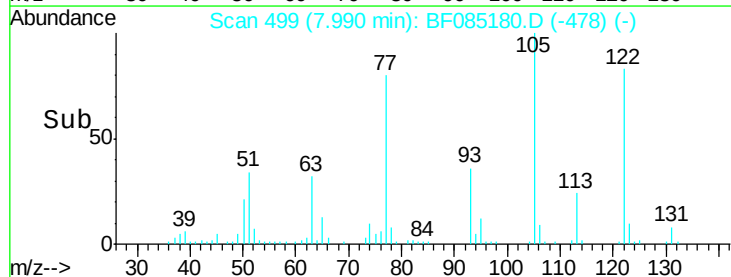
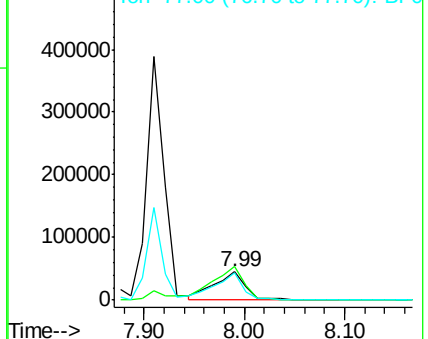
122 100

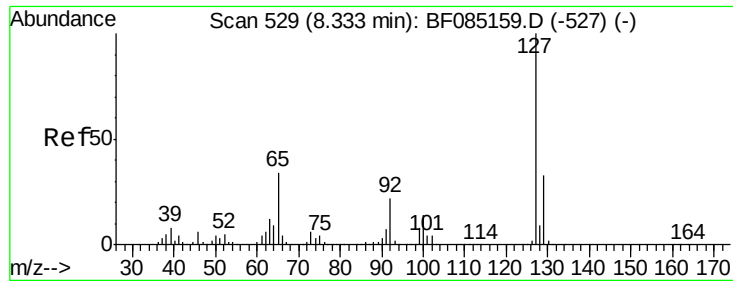
105 120.0 101.3 141.3

77 98.3 74.7 114.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





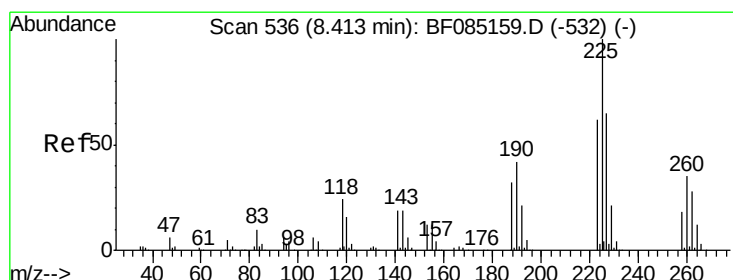
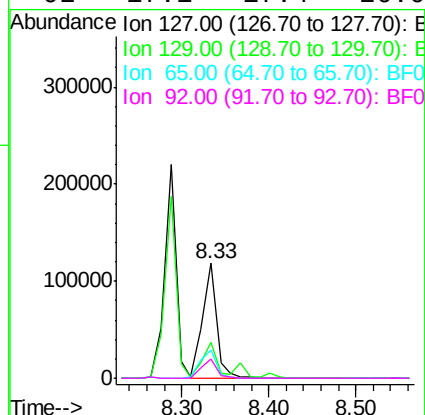
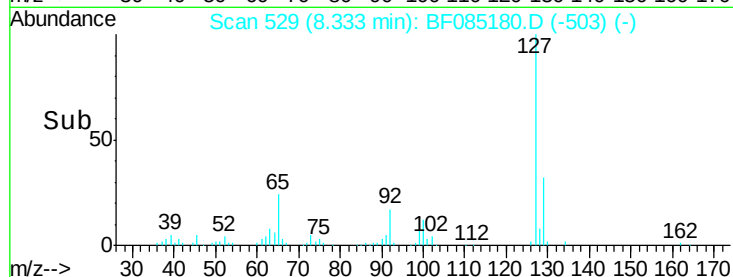
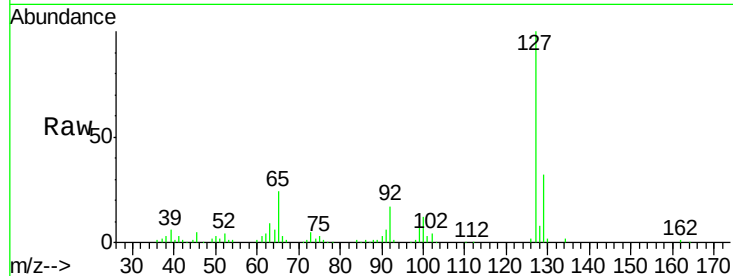
#33
4-Chloroaniline
Concen: 10.91 ng
RT: 8.33 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.5	26.1	39.1
65	24.3	27.0	40.6
92	17.1	17.4	26.0

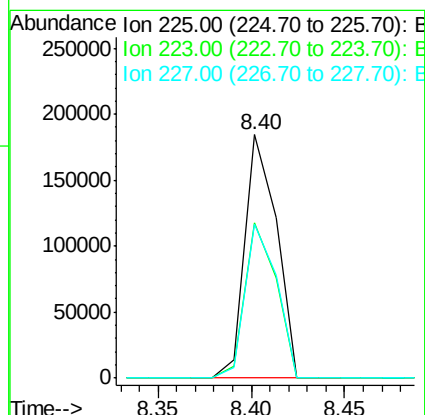
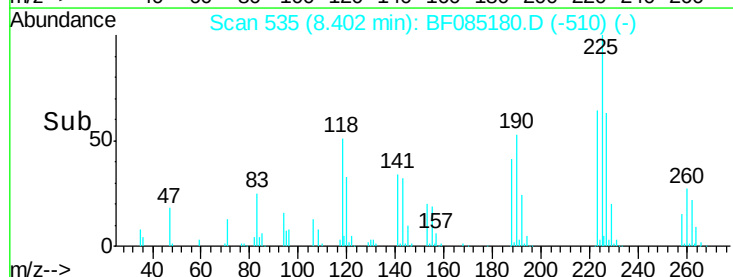
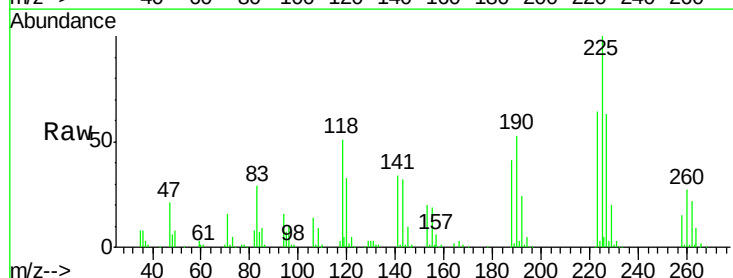
Manual Integrations
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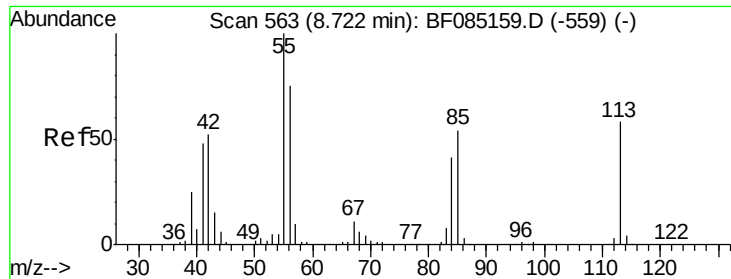
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#34
Hexachlorobutadiene
Concen: 46.71 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.9	49.7	74.5
227	63.2	52.2	78.4





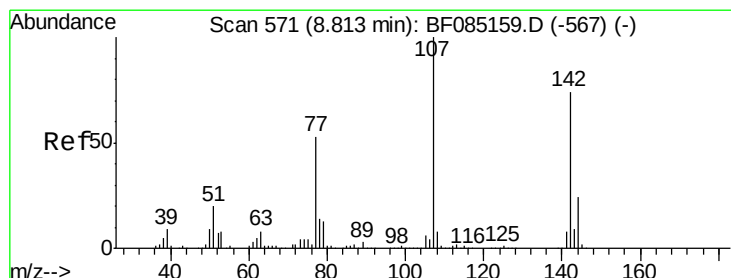
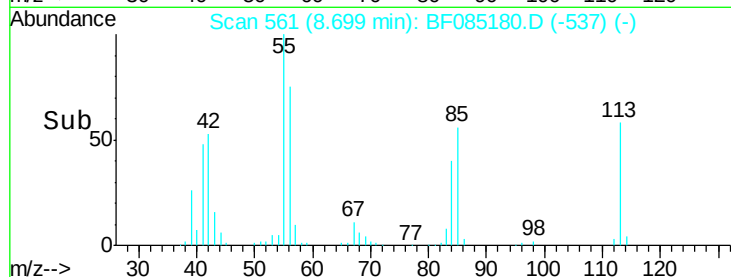
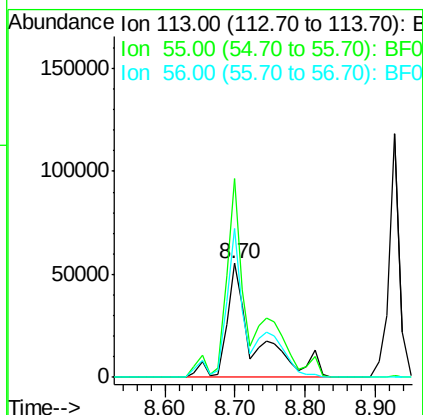
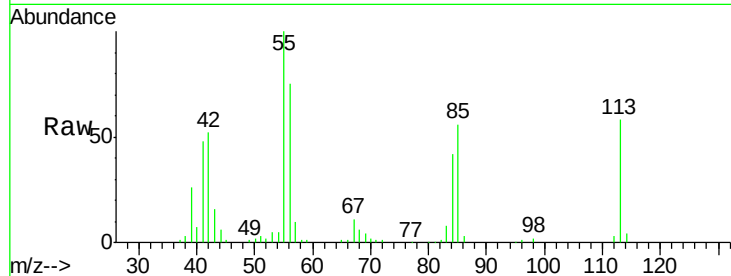
#35
 Caprolactam
 Concen: 57.39 ng m
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

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

Tgt Ion:113 Resp: 156824
 Ion Ratio Lower Upper
 113 100
 55 173.6 152.7 192.7
 56 129.8 109.0 149.0

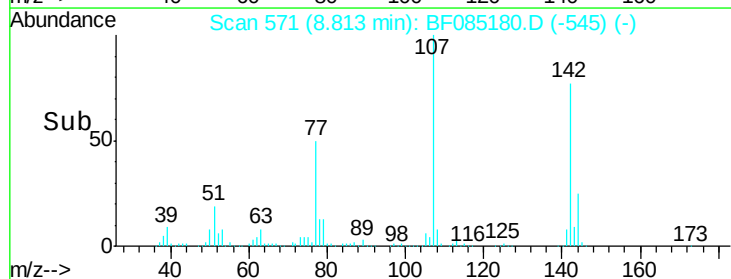
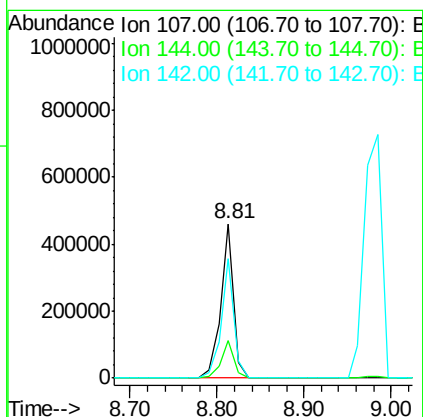
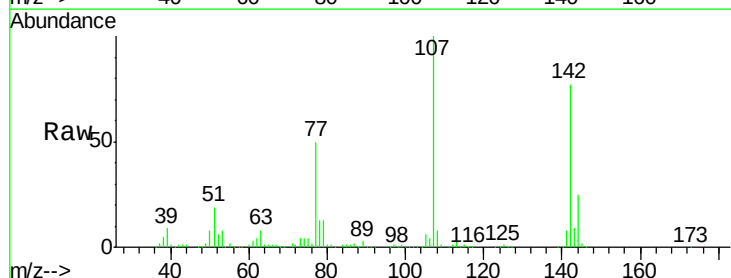
Manual Integrations
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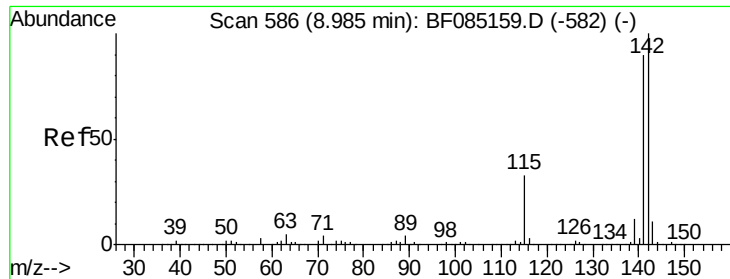
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 3/4/2016 4:36:07 PM



#36
 4-Chloro-3-methylphenol
 Concen: 50.59 ng
 RT: 8.81 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

Tgt Ion:107 Resp: 480227
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.4 29.2
 142 77.2 59.4 89.2





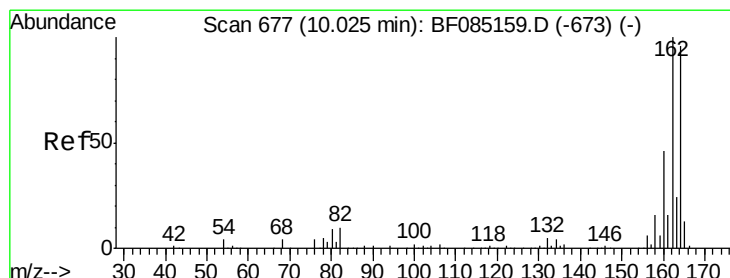
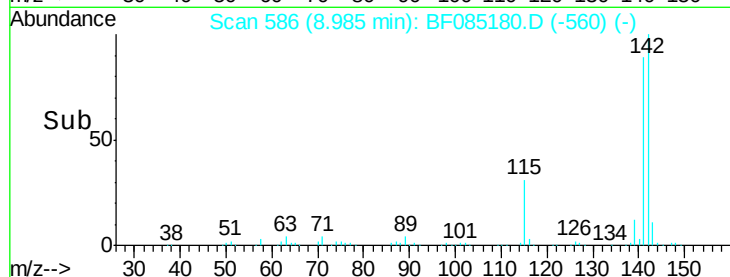
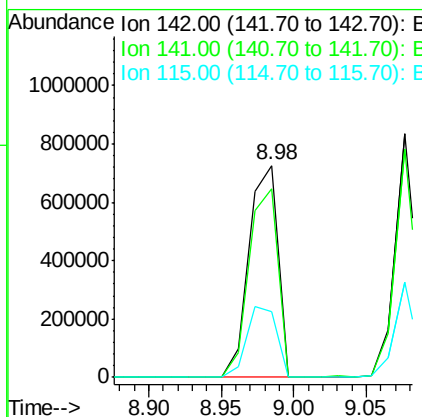
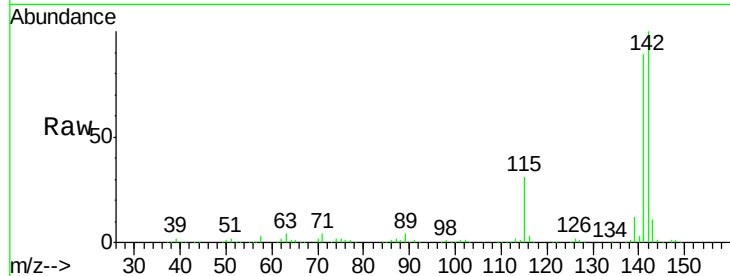
#37
2-Methylnaphthalene
Concen: 51.87 ng
RT: 8.98 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

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

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

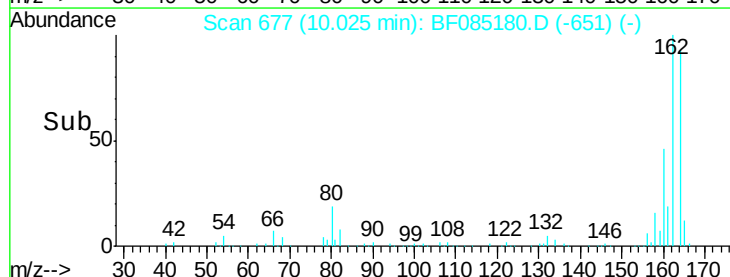
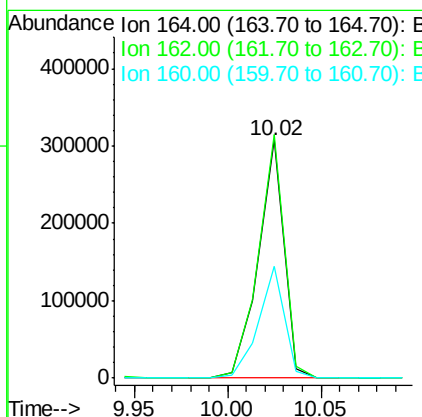
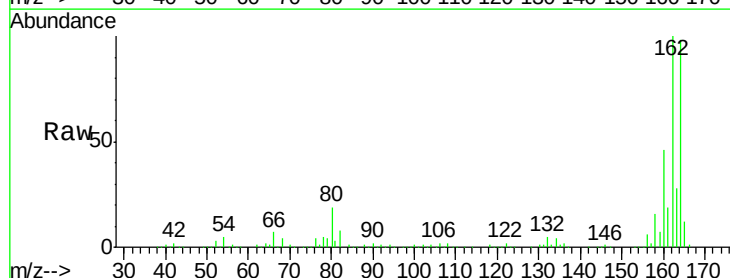
Manual Integrations
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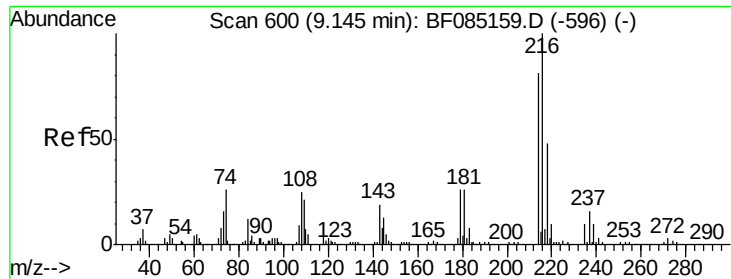
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.3	124.9
160	46.9	37.9	56.9





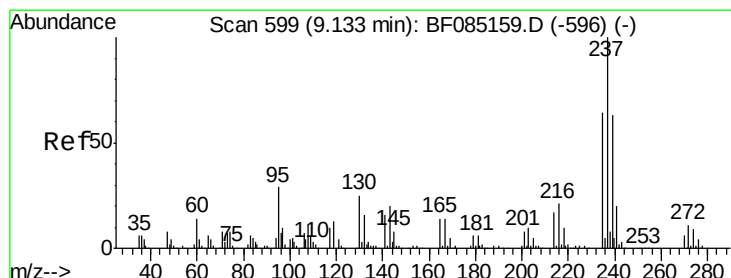
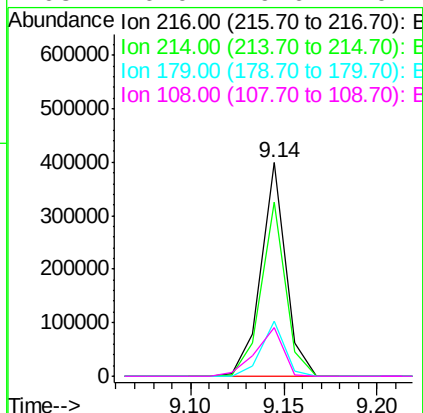
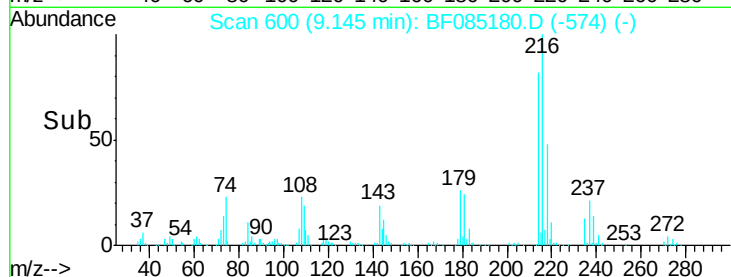
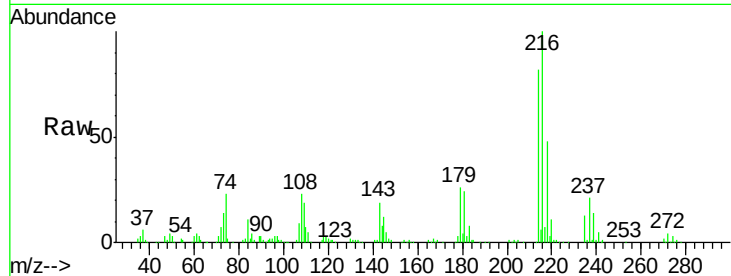
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.70 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	372865		
214	80.5	63.8	95.6	
179	24.8	19.6	29.4	
108	26.0	19.6	29.4	

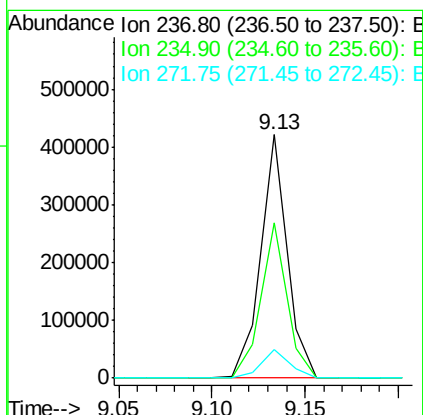
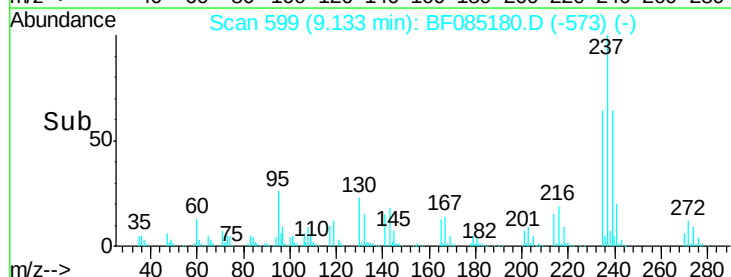
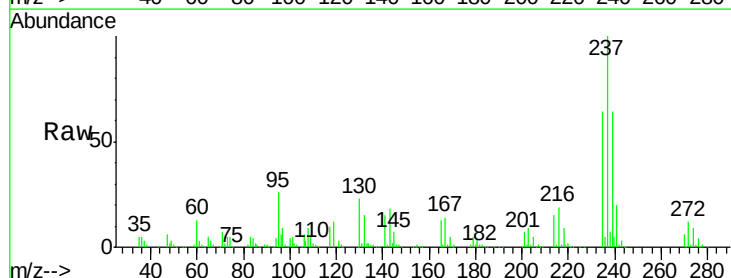
Manual Integrations
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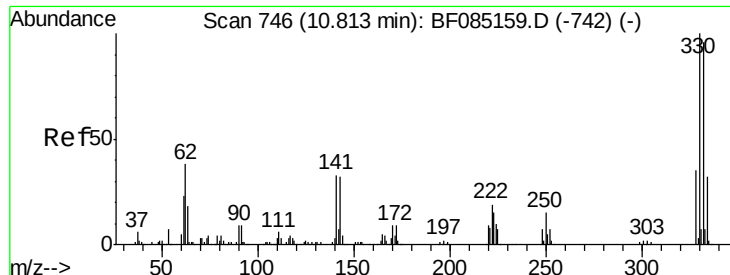
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#40
 Hexachlorocyclopentadiene
 Concen: 91.31 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	410811		
235	63.9	43.7	83.7	
272	11.7	0.0	31.5	





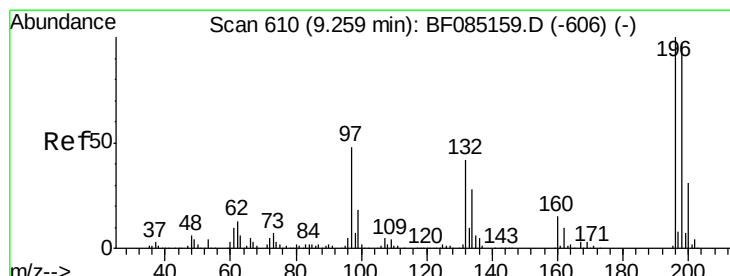
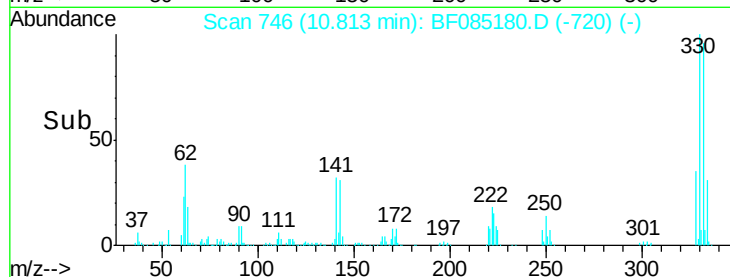
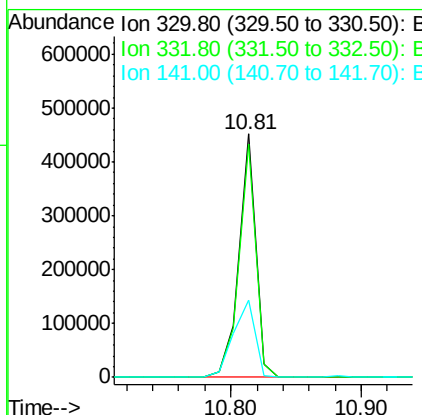
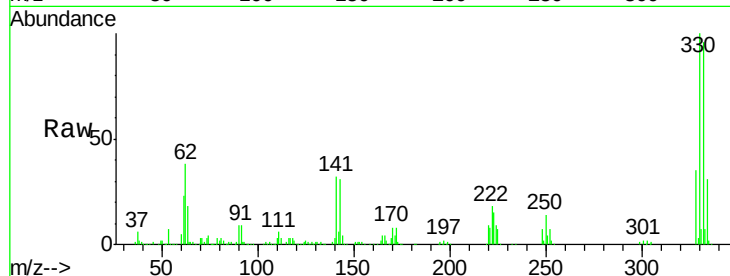
#41
 2,4,6-Tribromophenol
 Concen: 159.77 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	398744		
332	96.2	77.1	115.7	
141	41.0	35.0	52.6	

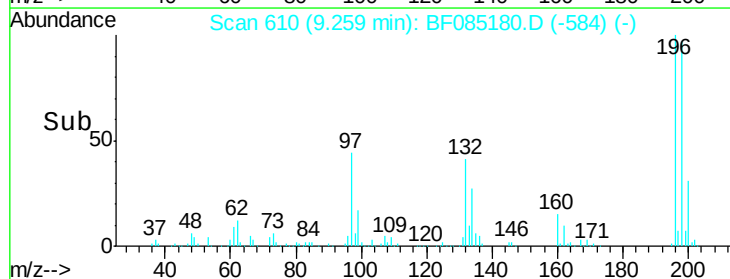
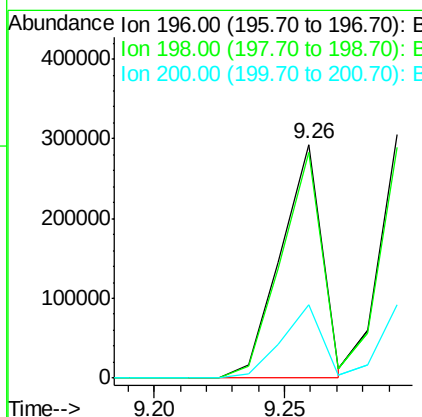
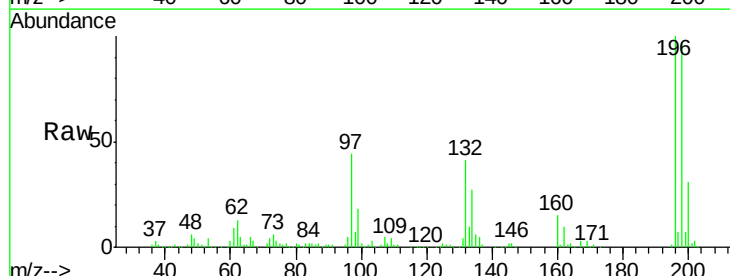
Manual Integrations
 APPROVED

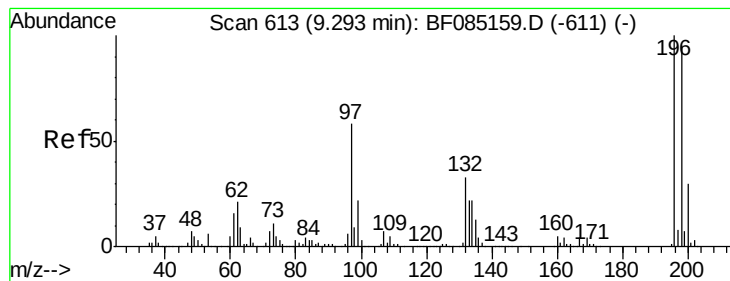
Sohil
 3/4/2016 4:36:07 PM



#42
 2,4,6-Trichlorophenol
 Concen: 51.31 ng
 RT: 9.26 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

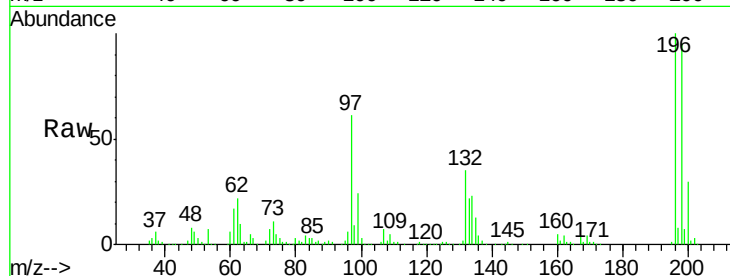
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	318599		
198	96.9	77.8	116.6	
200	31.4	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 51.59 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

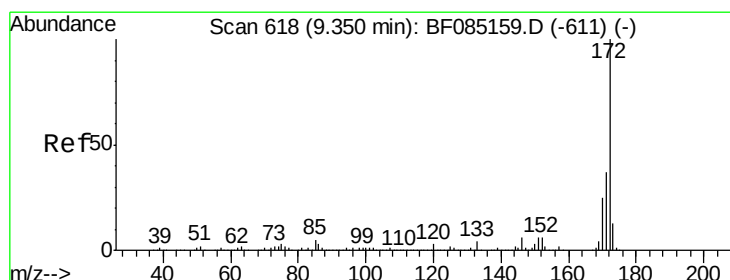
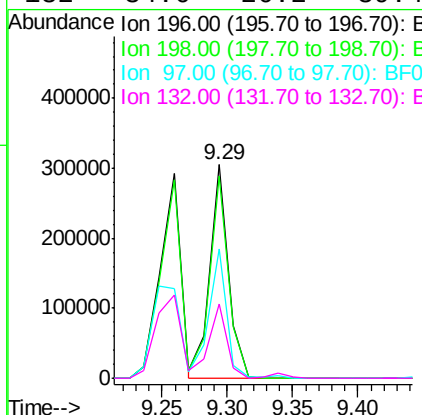
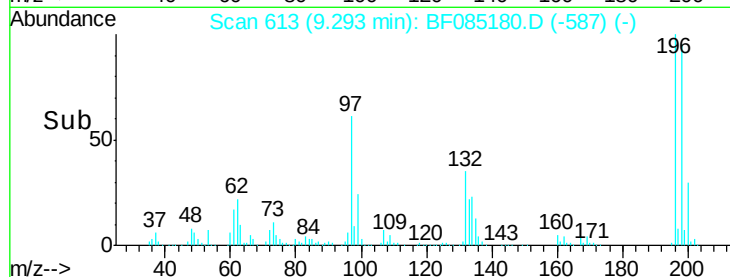
Instrument :
 BNA_F
 ClientSampleId :
 SB-47(COMP)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	303733		
198	94.5	75.7	113.5	
97	60.6	46.4	69.6	
132	34.6	26.2	39.4	

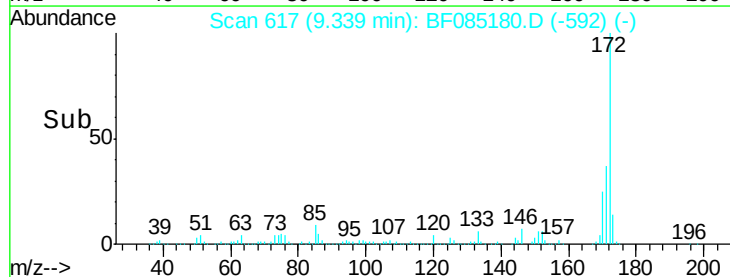
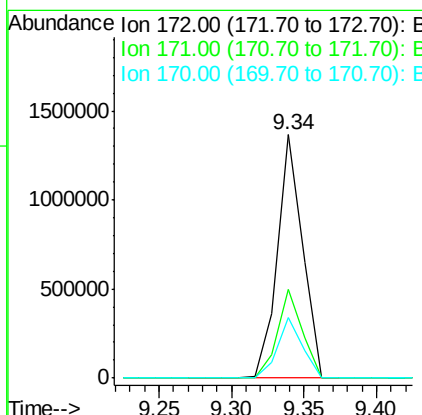
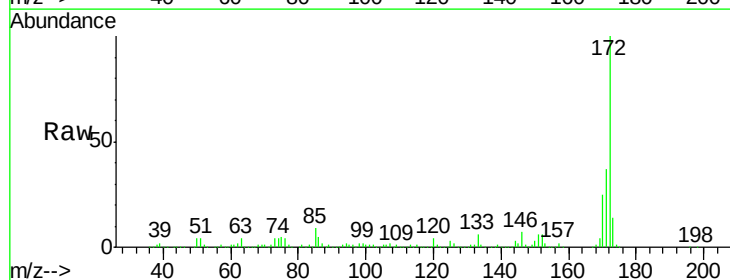
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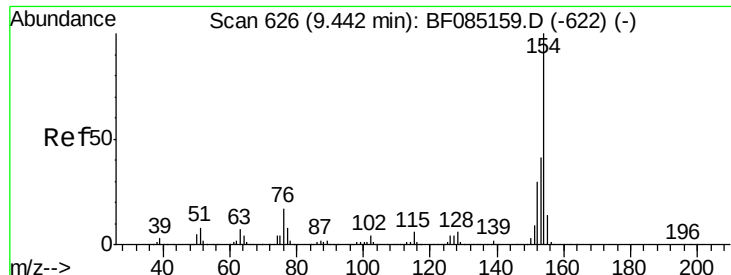
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 85.50 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1639713		
171	36.6	29.3	43.9	
170	25.1	20.0	30.0	





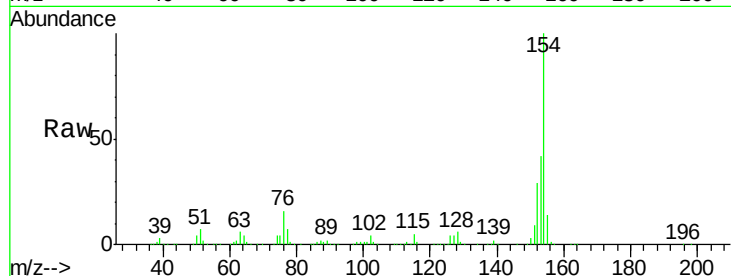
#45
 1,1'-Biphenyl
 Concen: 42.67 ng
 RT: 9.44 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.4	61.4
76	15.7	0.0	37.5

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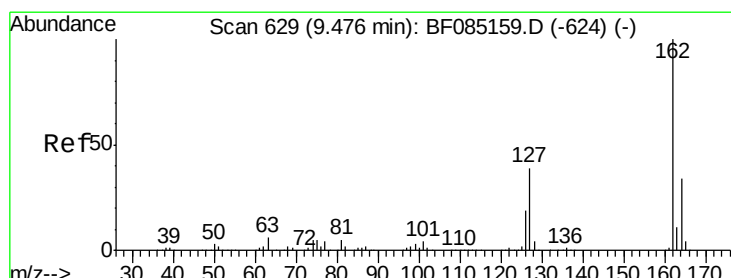
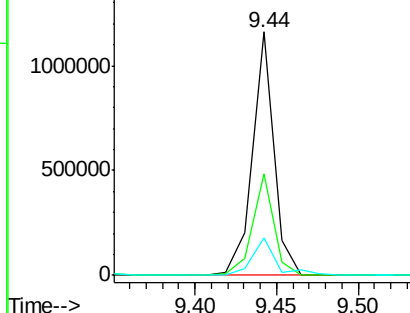
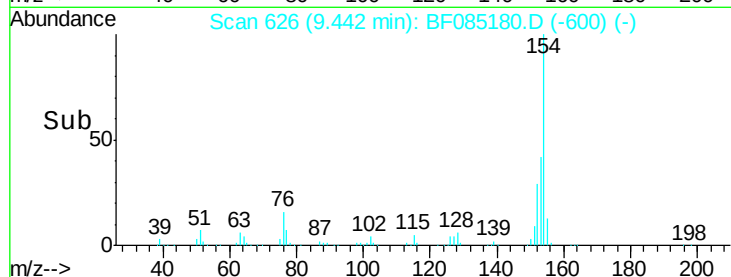


Abundance

Ion 154.00 (153.70 to 154.70): E

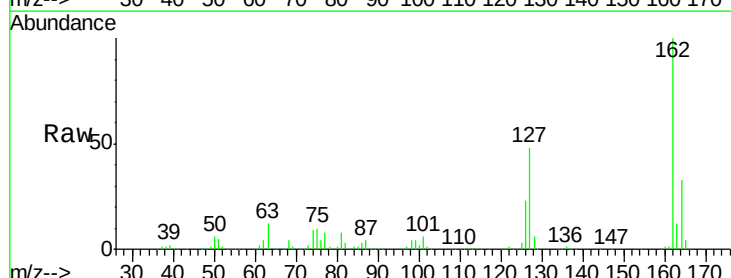
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 44.71 ng
 RT: 9.46 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.5	31.6	47.4#
164	32.9	27.1	40.7

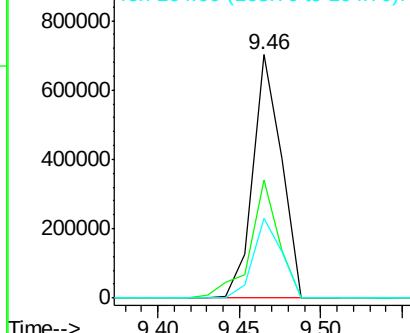
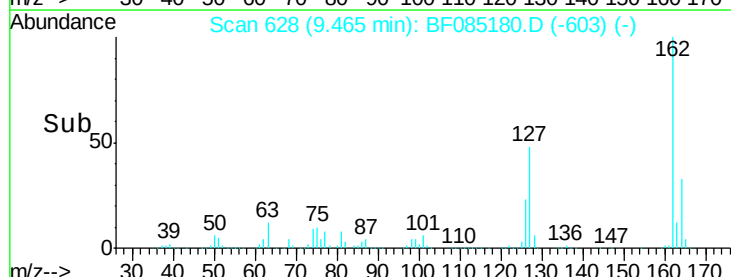


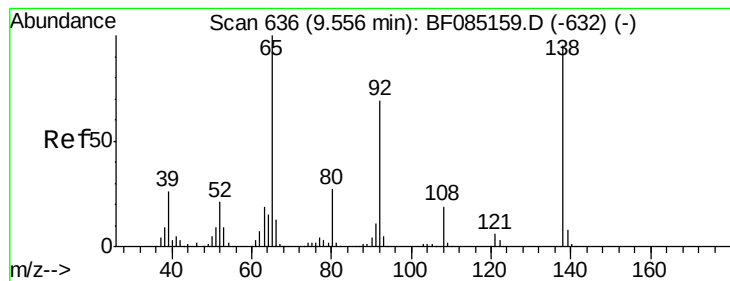
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.06 ng

RT: 9.56 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

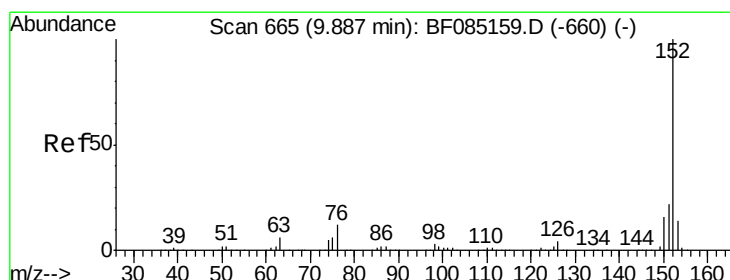
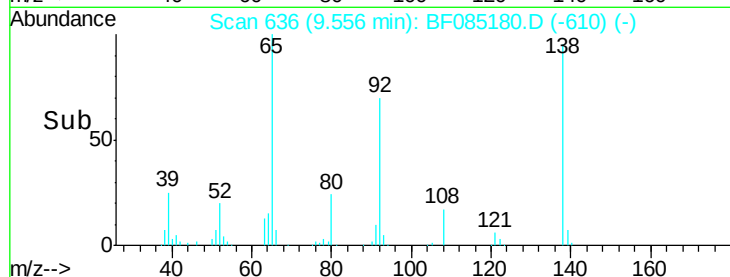
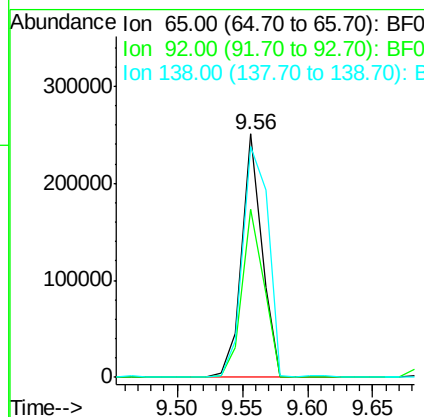
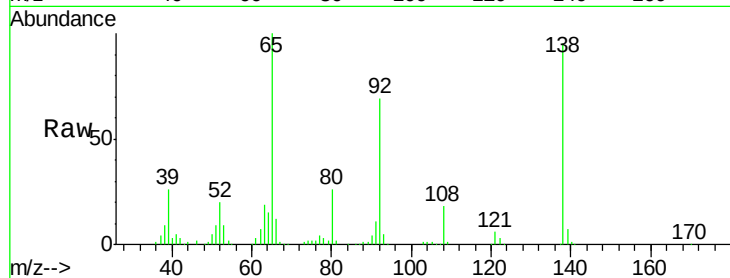
ClientSampleId :

SB-47(COMP)MSD

Tgt Ion:	65	Resp:	271113
Ion Ratio	Lower	Upper	
65	100		
92	69.2	55.4	83.2
138	94.7	75.7	113.5

Manual Integrations
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#48

Acenaphthylene

Concen: 49.52 ng

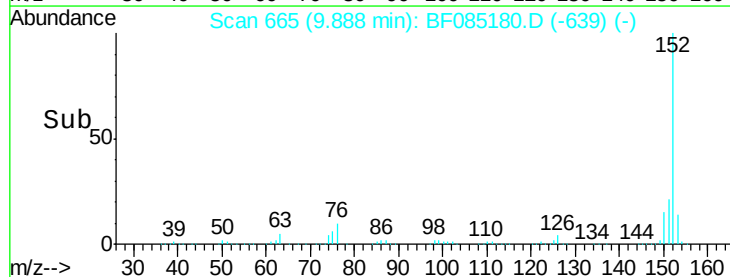
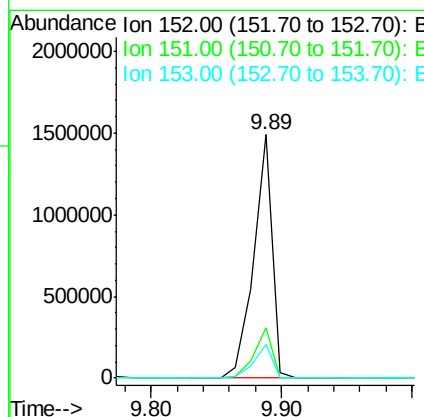
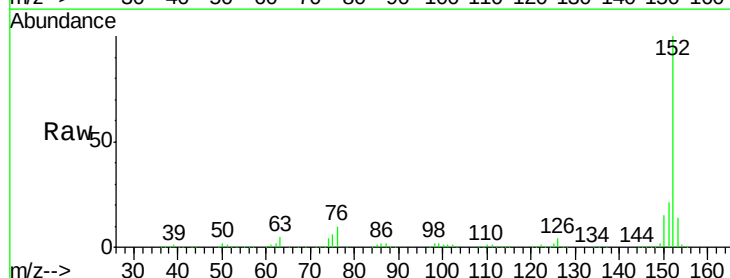
RT: 9.89 min Scan# 665

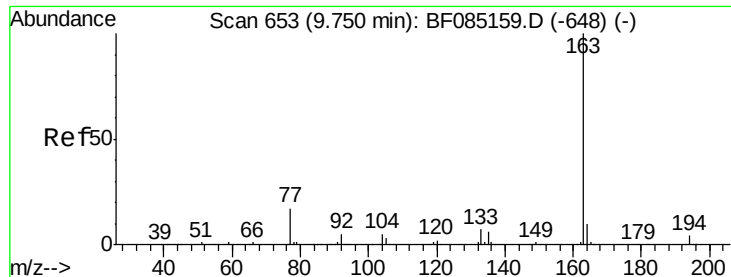
Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Tgt Ion:	152	Resp:	1464024
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.5	26.3
153	13.6	11.3	16.9





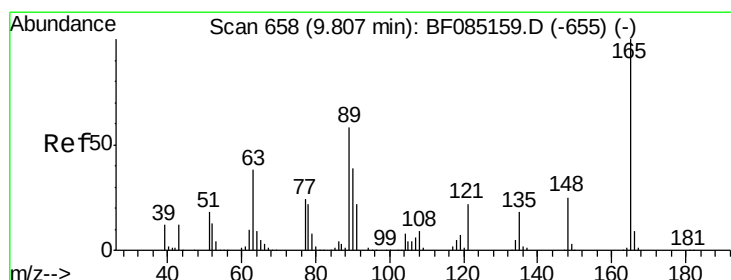
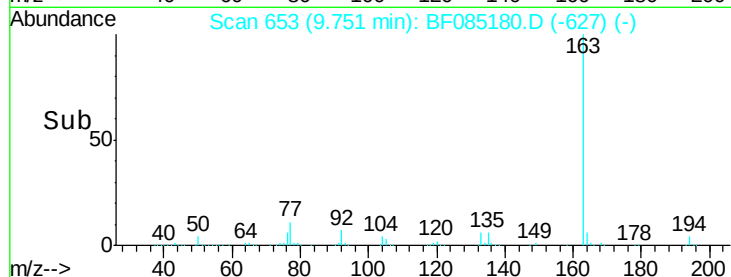
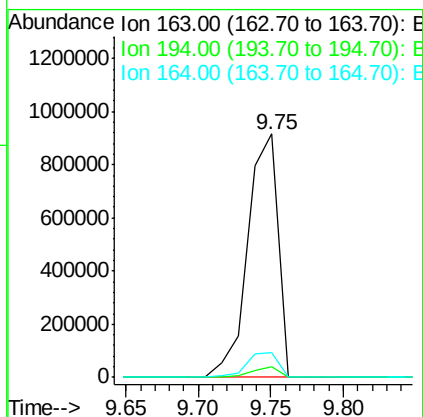
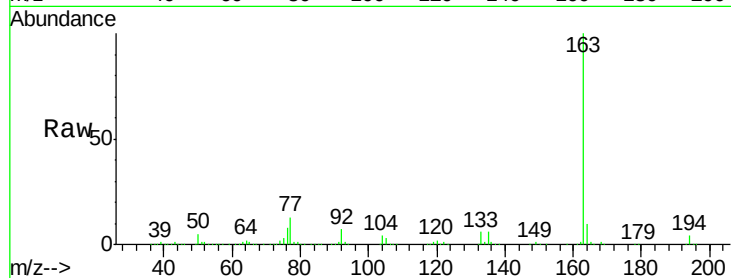
#49
Dimethylphthalate
Concen: 58.97 ng
RT: 9.75 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

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

Tgt Ion:163 Resp: 1320086
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.9 8.2 12.4

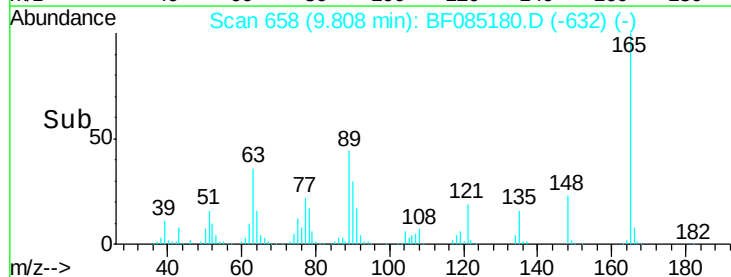
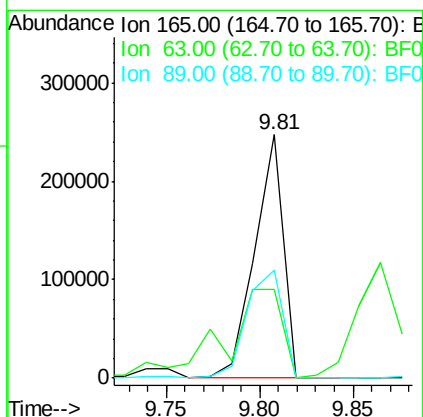
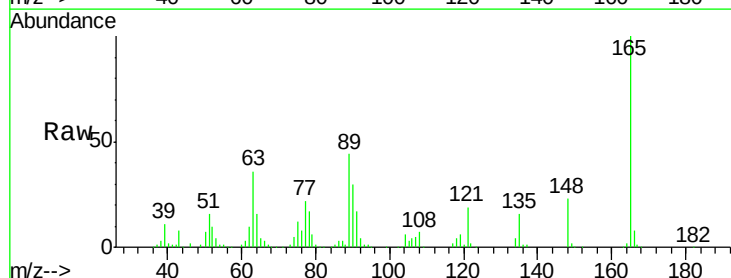
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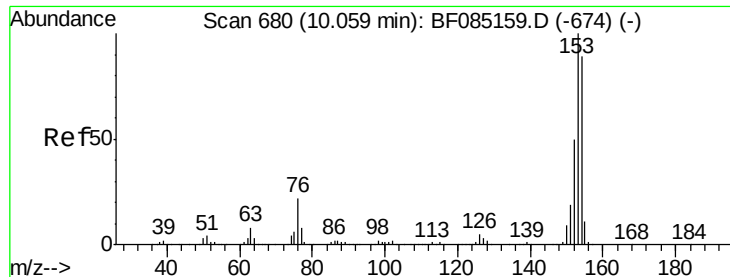
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#50
2,6-Dinitrotoluene
Concen: 54.46 ng
RT: 9.81 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion:165 Resp: 260805
Ion Ratio Lower Upper
165 100
63 36.3 41.8 62.8#
89 44.3 46.7 70.1#





#51

Acenaphthene

Concen: 53.60 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

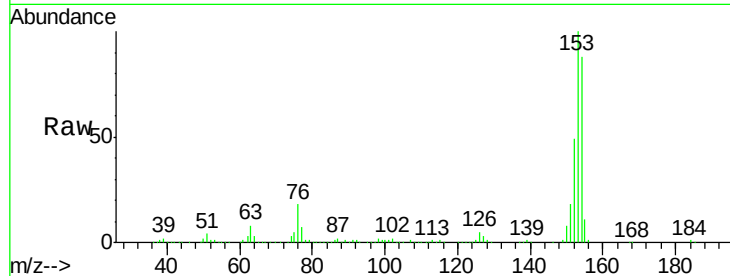
ClientSampleId :

SB-47(COMP)MSD

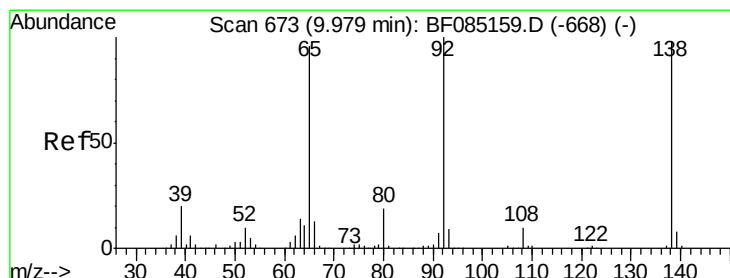
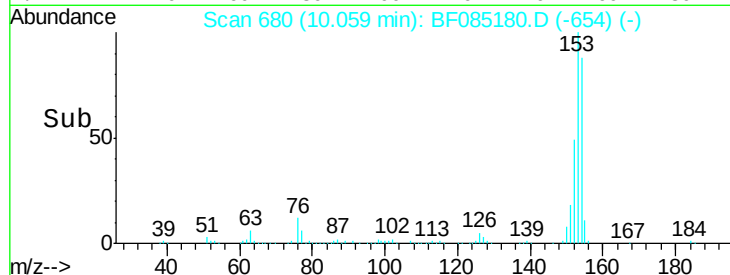
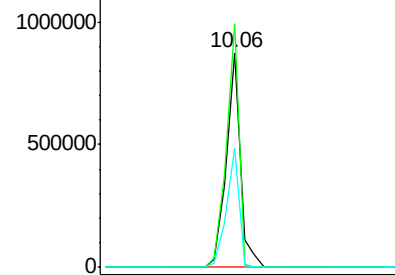
Tgt Ion:	154	Resp:	962150
Ion Ratio	Lower	Upper	
154	100		
153	113.7	89.8	134.8
152	55.6	44.6	66.8

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



#52

3-Nitroaniline

Concen: 22.92 ng

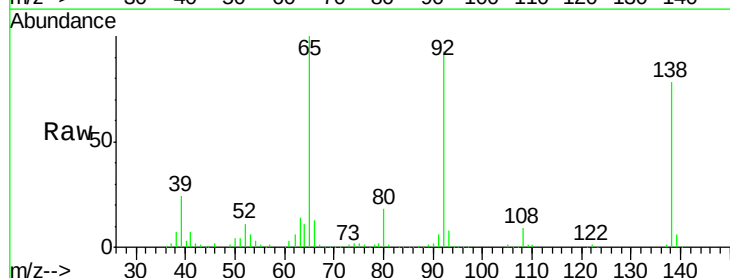
RT: 9.97 min Scan# 672

Delta R.T. -0.01 min

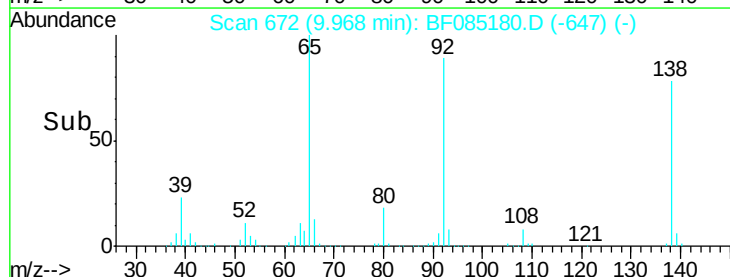
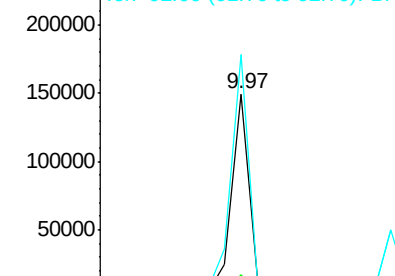
Lab File: BF085180.D

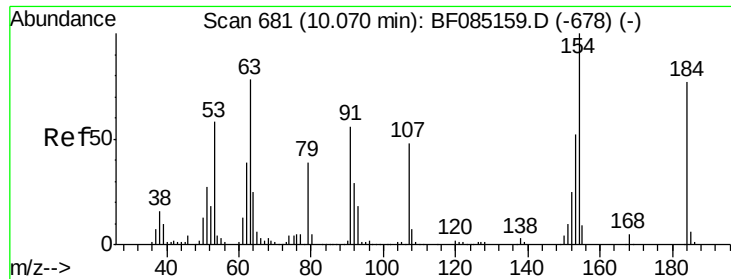
Acq: 4 Mar 2016 2:21

Tgt Ion:	138	Resp:	131346
Ion Ratio	Lower	Upper	
138	100		
108	11.3	7.8	11.6
92	119.3	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





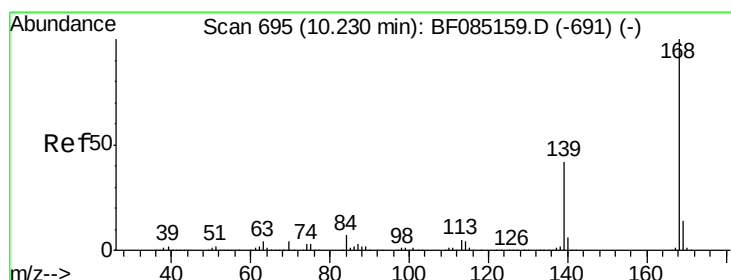
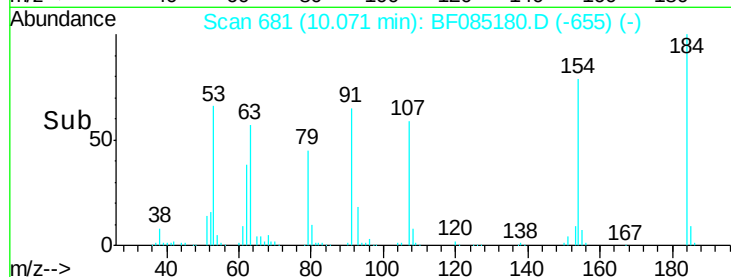
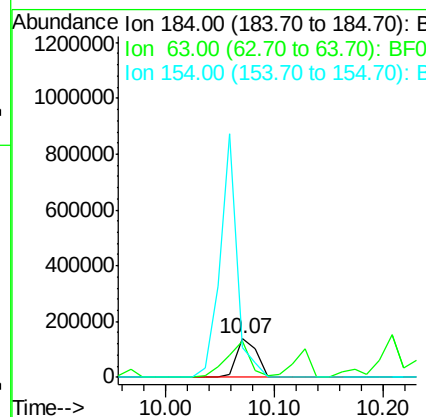
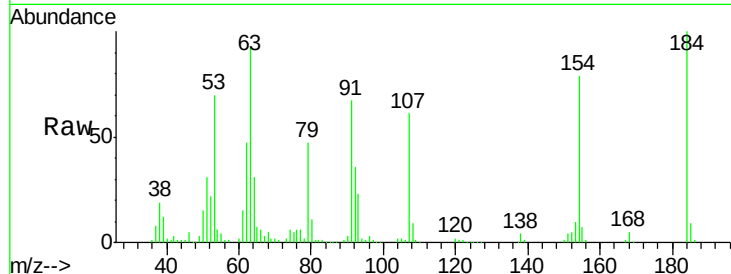
#53
 2,4-Dinitrophenol
 Concen: 73.47 ng
 RT: 10.07 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	176783		
63	93.4	82.2	123.4	
154	79.3	108.9	163.3#	

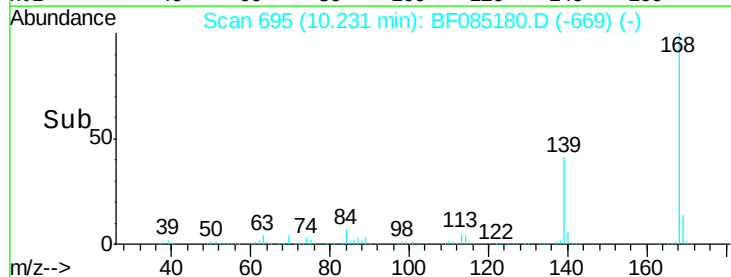
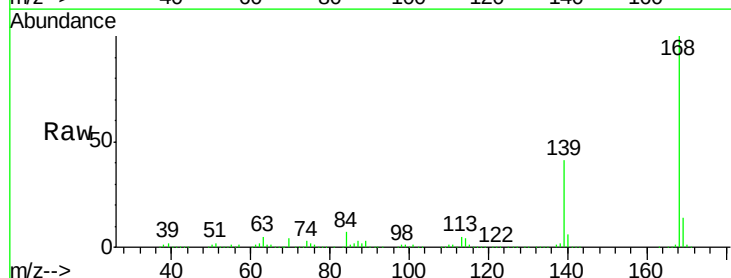
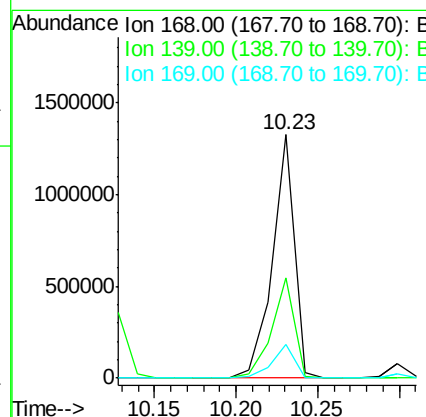
Manual Integrations
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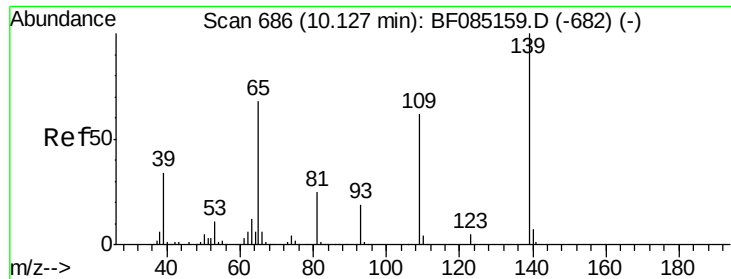
Sohil
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#54
 Dibenzofuran
 Concen: 52.89 ng
 RT: 10.23 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1243715		
139	41.4	33.6	50.4	
169	13.9	11.2	16.8	





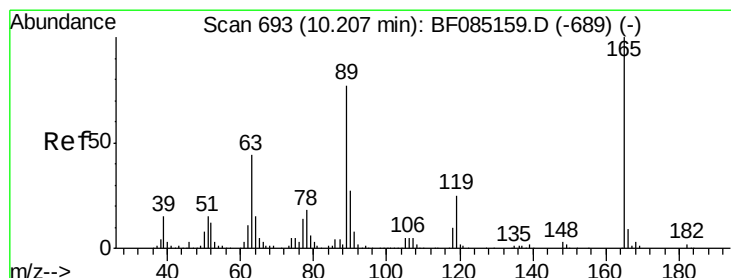
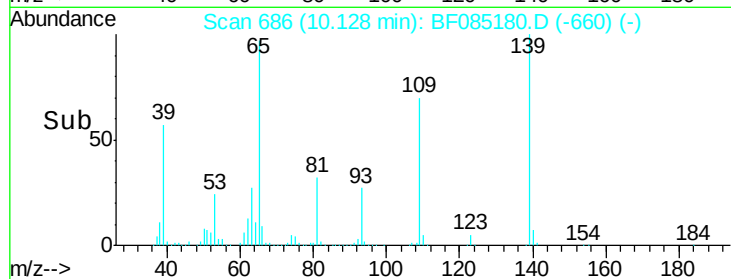
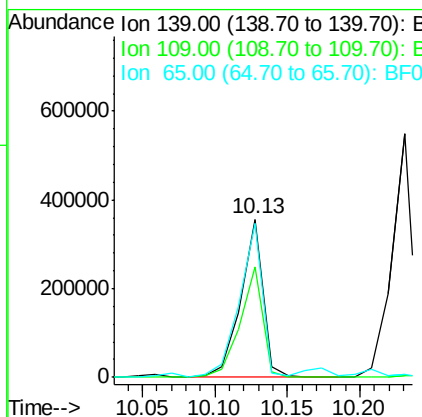
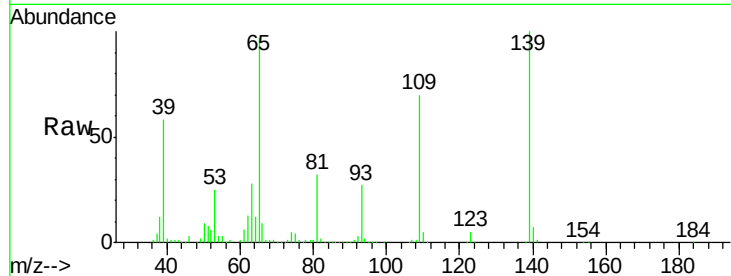
#55
4-Nitrophenol
Concen: 84.99 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	70.1	41.9	81.9
65	97.2	48.3	88.3

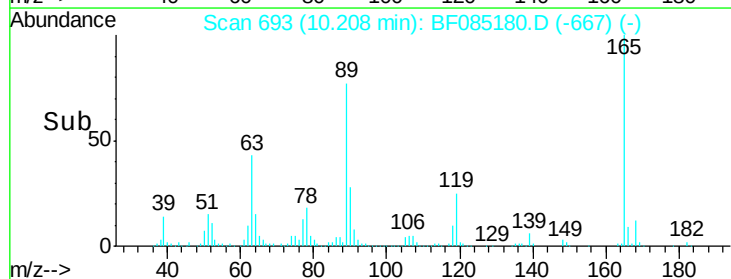
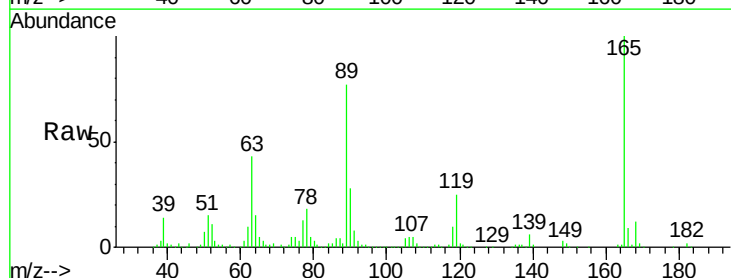
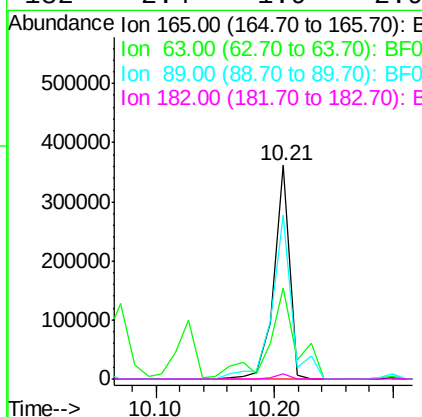
Manual Integrations
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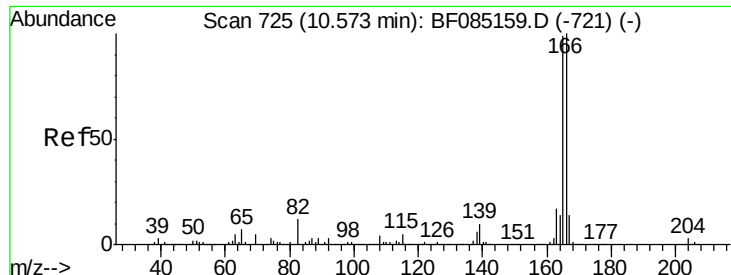
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#56
2,4-Dinitrotoluene
Concen: 53.79 ng
RT: 10.21 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.8	35.4	53.0
89	76.5	61.9	92.9
182	2.4	1.9	2.9





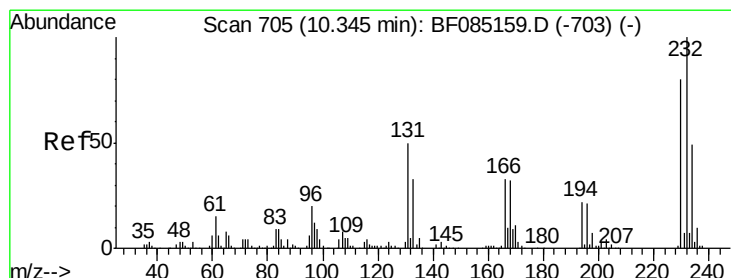
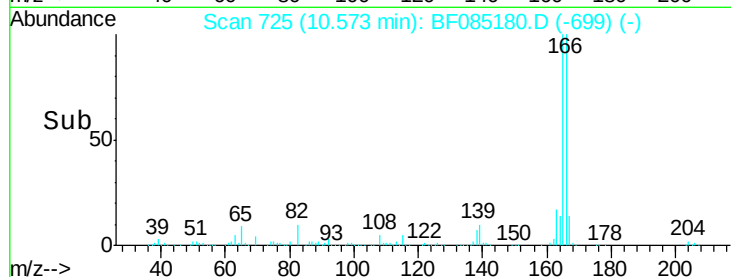
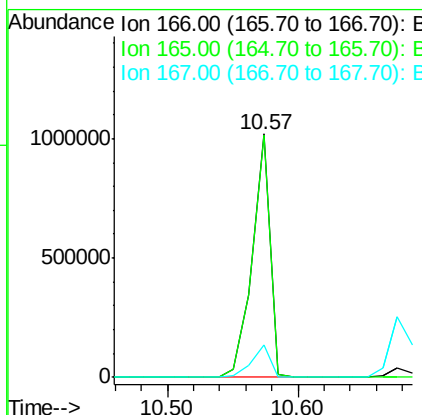
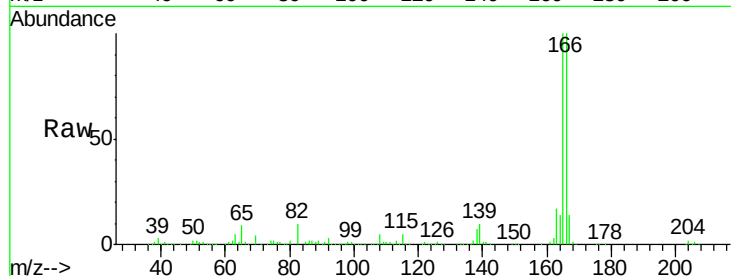
#57
 Fluorene
 Concen: 52.59 ng
 RT: 10.57 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	971451		
165	99.6	79.4	119.0	
167	13.6	11.0	16.6	

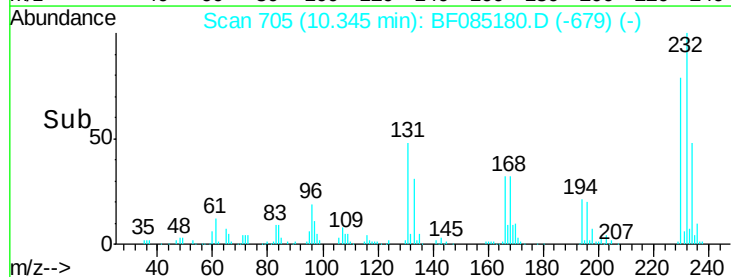
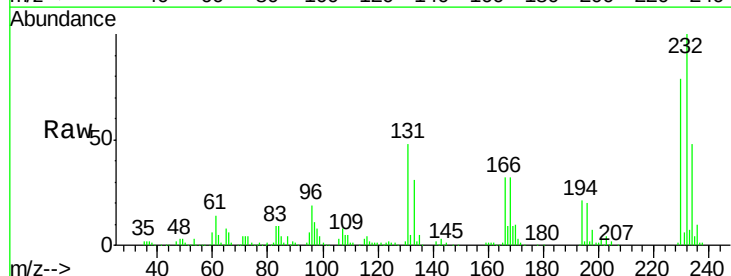
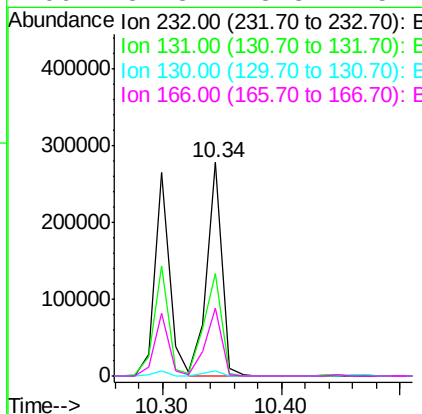
Manual Integrations
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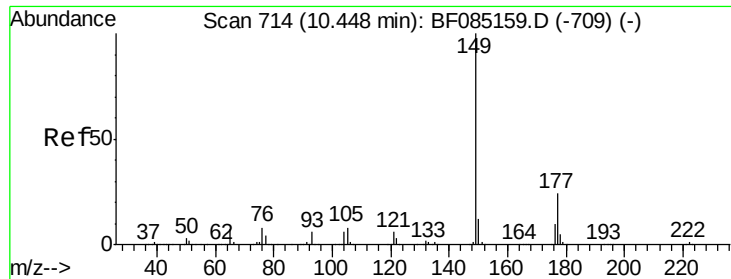
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.46 ng
 RT: 10.34 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	245912		
131	55.8	46.0	69.0	
130	2.7	2.2	3.4	
166	34.3	28.8	43.2	





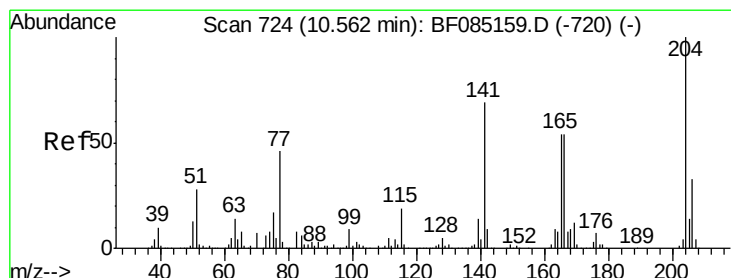
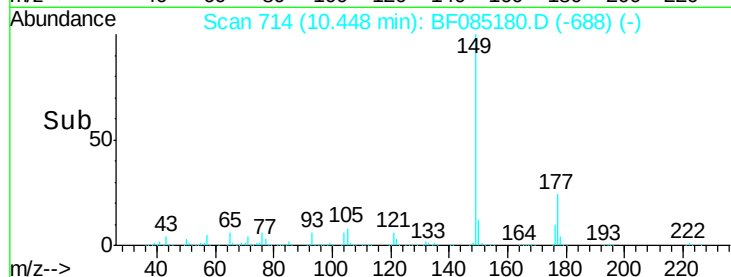
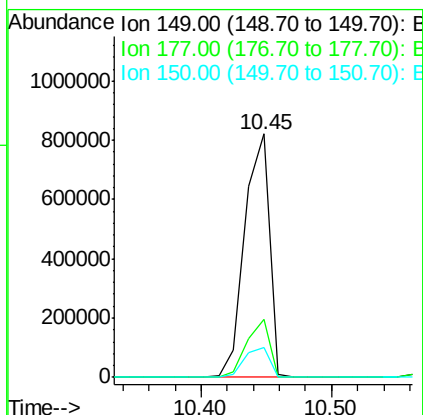
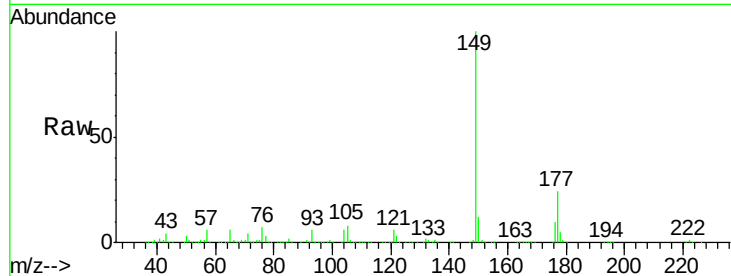
#59
Diethylphthalate
Concen: 49.69 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

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

Tgt Ion:149 Resp: 1079404
Ion Ratio Lower Upper
149 100
177 24.0 19.2 28.8
150 12.4 9.9 14.9

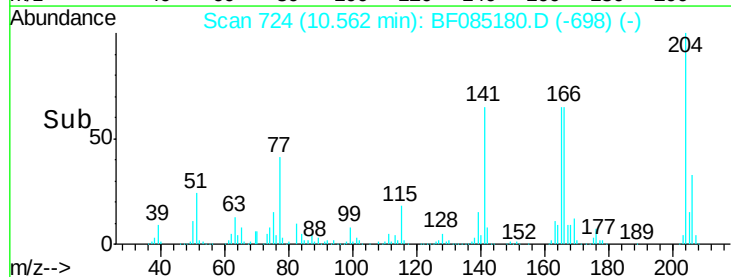
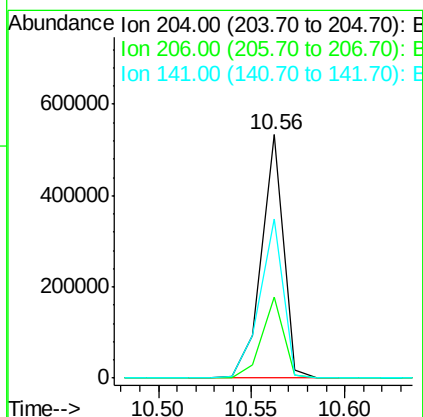
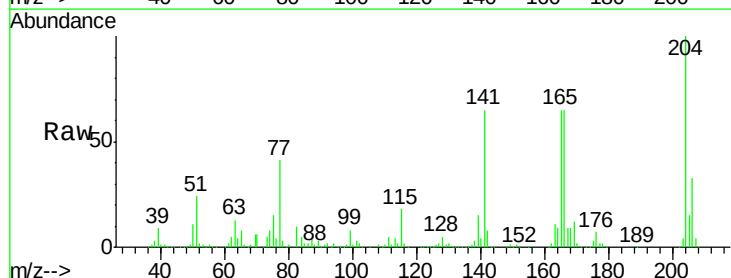
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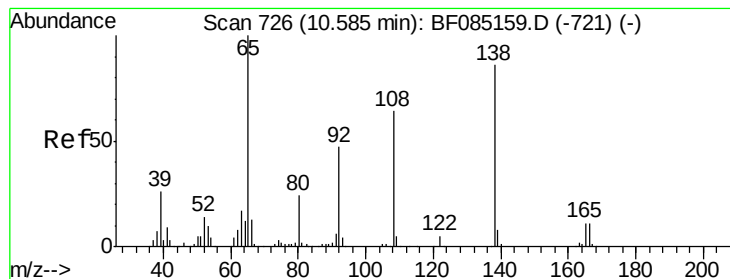
Sohil
3/4/2016 4:36:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.47 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion:204 Resp: 444582
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 65.2 55.4 83.2





#61

4-Nitroaniline

Concen: 42.18 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085180.D

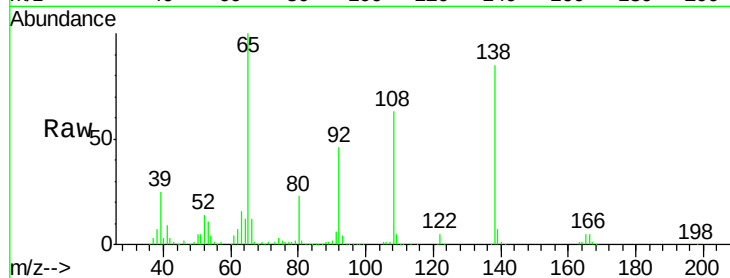
Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

ClientSampleId :

SB-47(COMP)MSD



Tgt Ion: 138 Resp: 226029

Ion Ratio Lower Upper

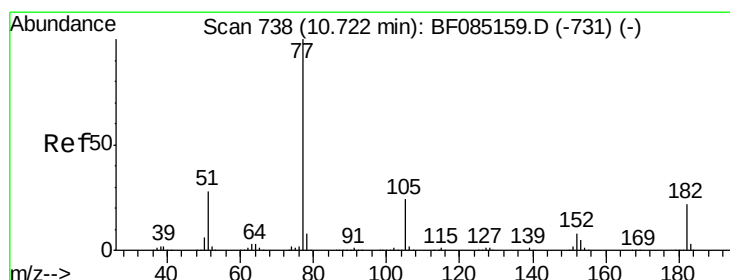
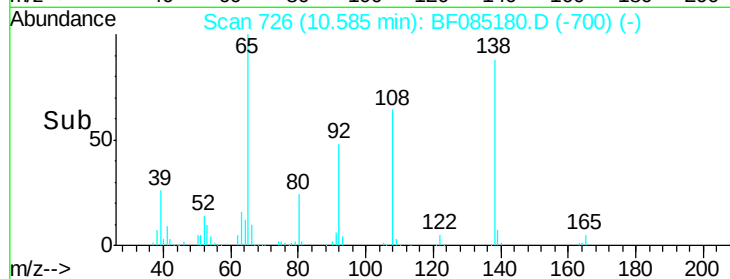
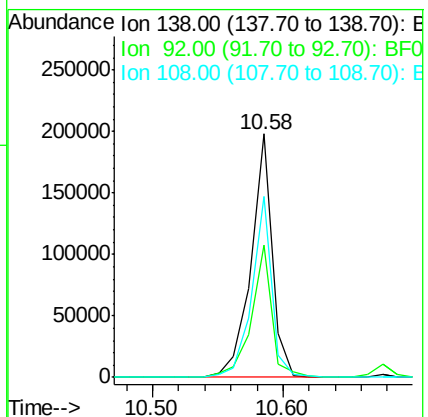
138 100

92 54.6 34.2 74.2

108 74.4 53.9 93.9

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3/4/2016 4:36:07 PM



#62

Azobenzene

Concen: 54.49 ng

RT: 10.72 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Tgt Ion: 77 Resp: 1166266

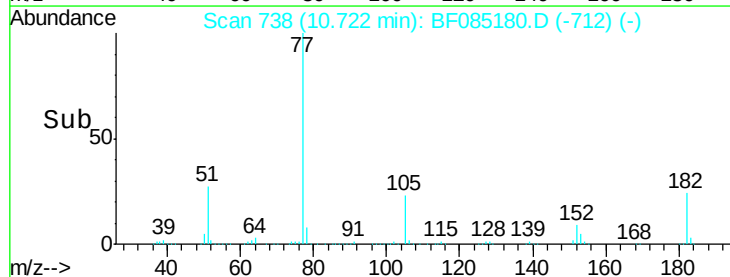
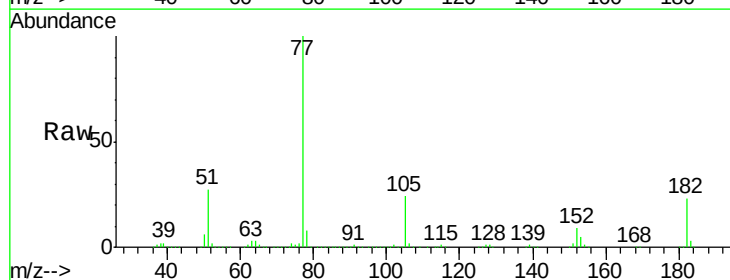
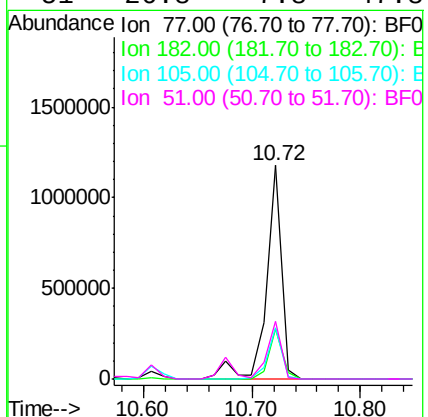
Ion Ratio Lower Upper

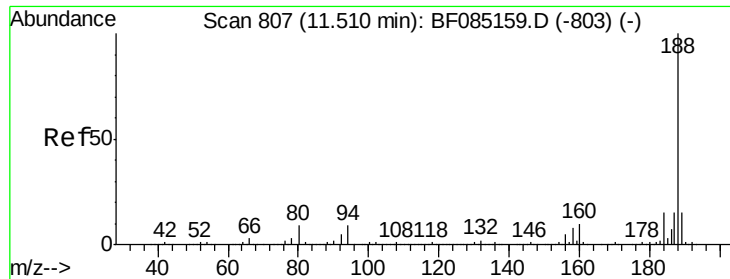
77 100

182 23.4 2.1 42.1

105 24.0 3.8 43.8

51 26.8 7.8 47.8





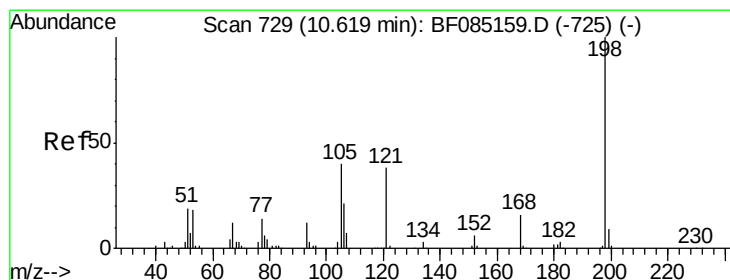
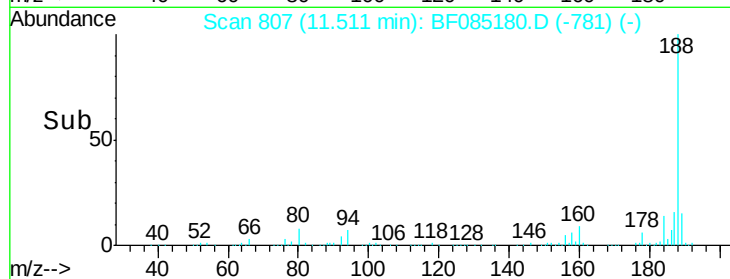
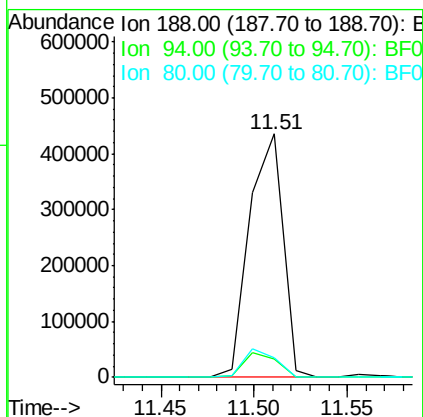
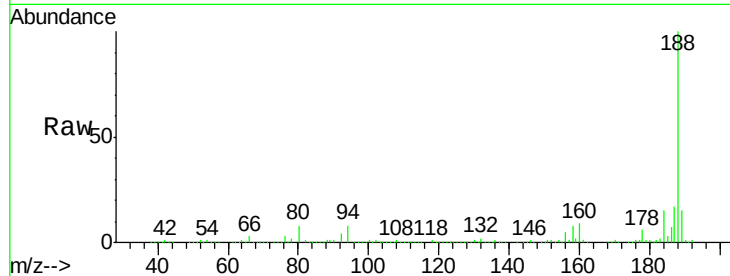
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.7	7.0	10.6
80	8.0	7.4	11.0

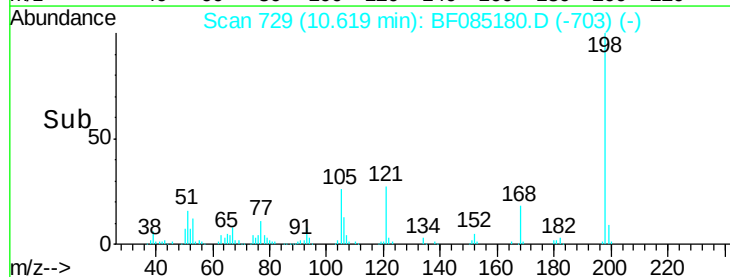
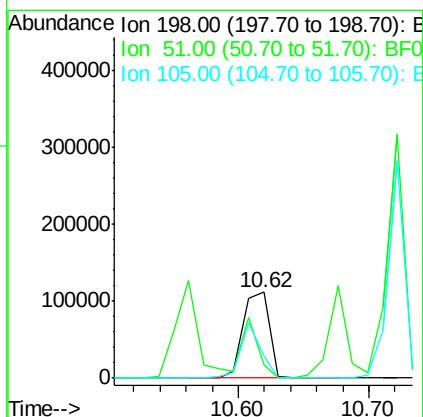
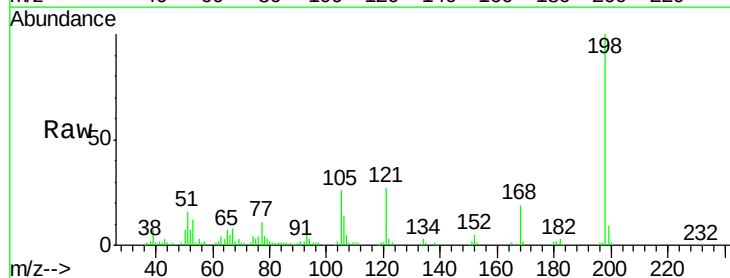
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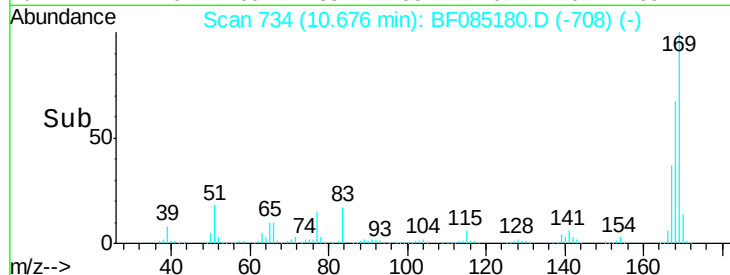
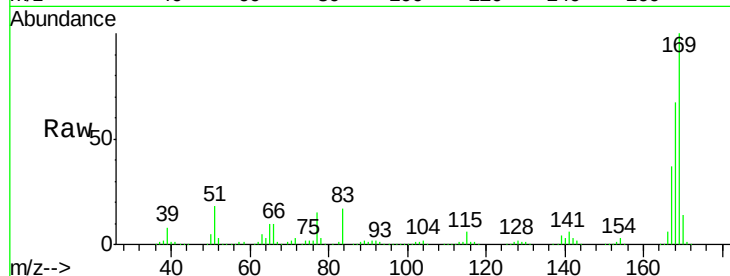
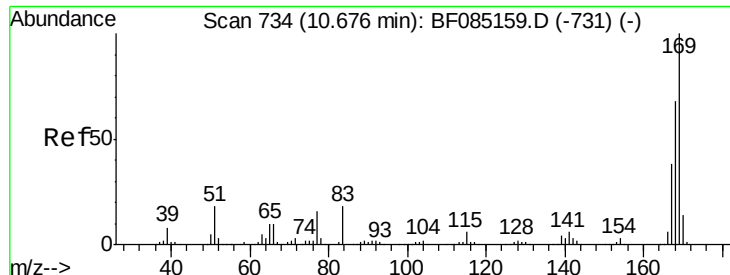
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.62 ng
RT: 10.62 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	15.6	9.5	49.5
105	26.4	20.5	60.5





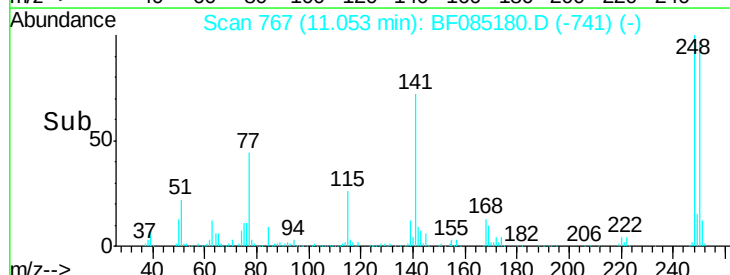
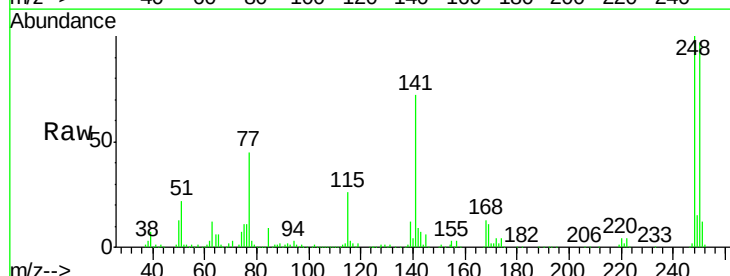
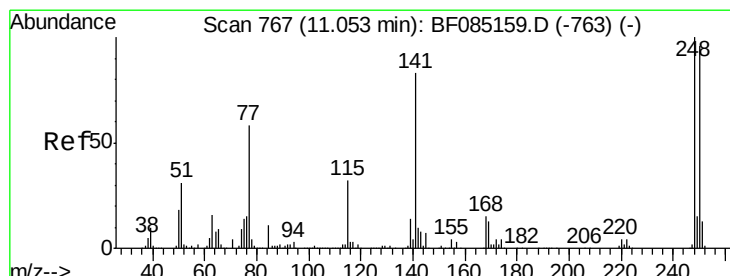
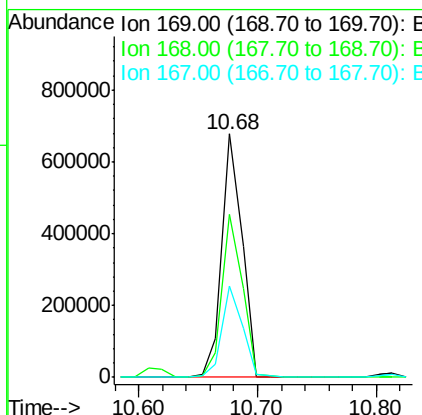
#65
n-Nitrosodiphenylamine
Concen: 46.96 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion:	169	Resp:	796733
Ion Ratio	Lower	Upper	
169	100		
168	67.0	54.8	82.2
167	37.5	30.3	45.5

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

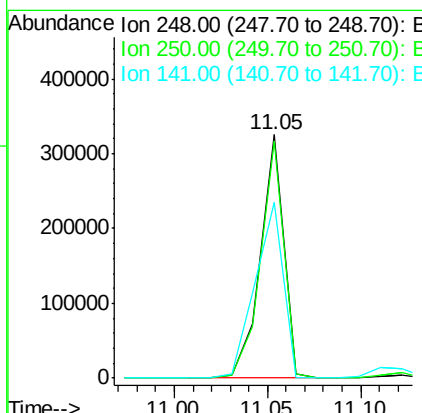
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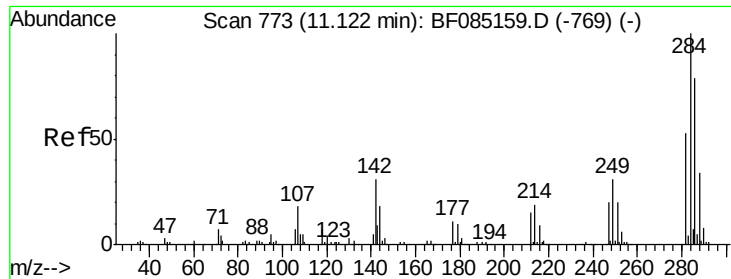
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 52.92 ng
RT: 11.05 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion:	248	Resp:	280288
Ion Ratio	Lower	Upper	
248	100		
250	97.4	77.1	115.7
141	72.2	66.2	99.2





#67

Hexachlorobenzene

Concen: 51.60 ng

RT: 11.12 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF085180.D

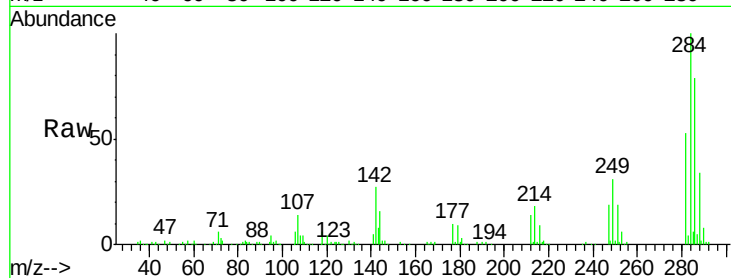
Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

ClientSampleId :

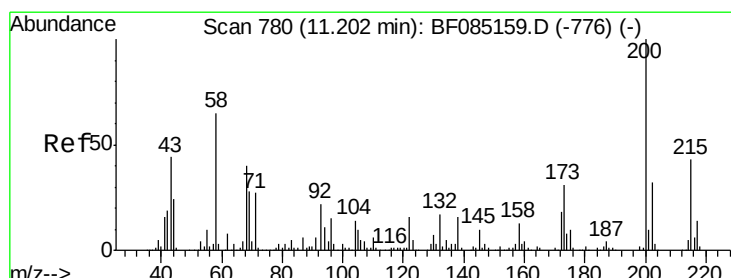
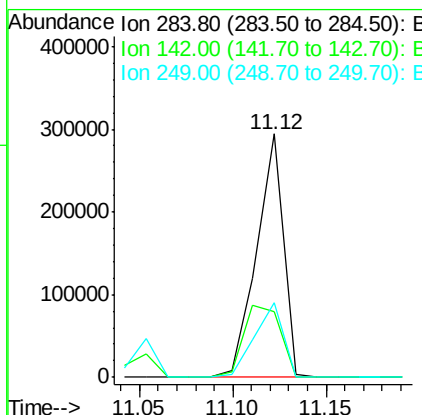
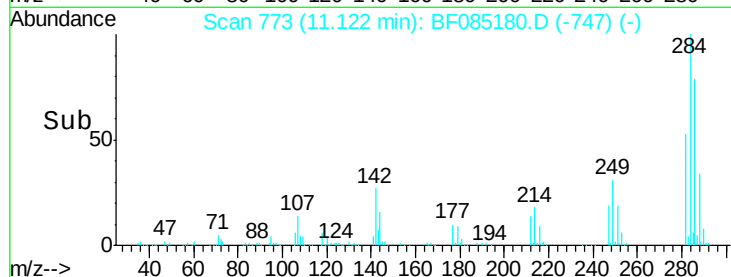
SB-47(COMP)MSD



Tgt Ion:	284	Resp:	291537
Ion Ratio	Lower	Upper	
284	100		
142	27.2	24.9	37.3
249	30.7	25.0	37.4

Manual Integrations
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#68

Atrazine

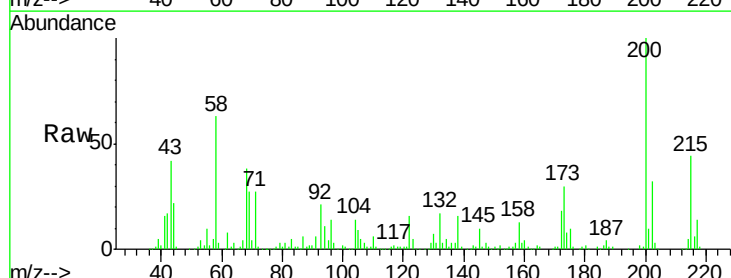
Concen: 53.17 ng

RT: 11.20 min Scan# 780

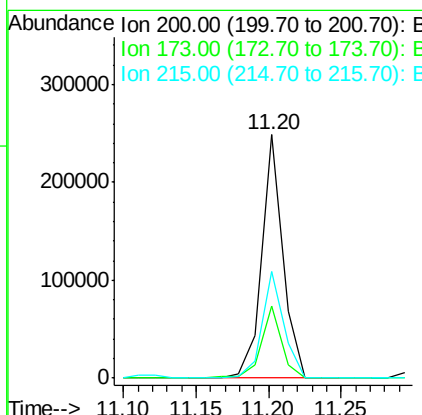
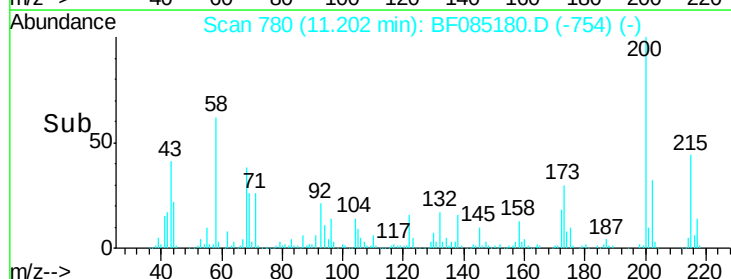
Delta R.T. 0.00 min

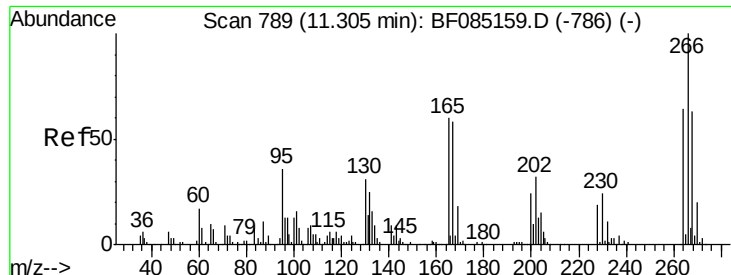
Lab File: BF085180.D

Acq: 4 Mar 2016 2:21



Tgt Ion:	200	Resp:	250842
Ion Ratio	Lower	Upper	
200	100		
173	29.6	10.5	50.5
215	43.7	23.4	63.4





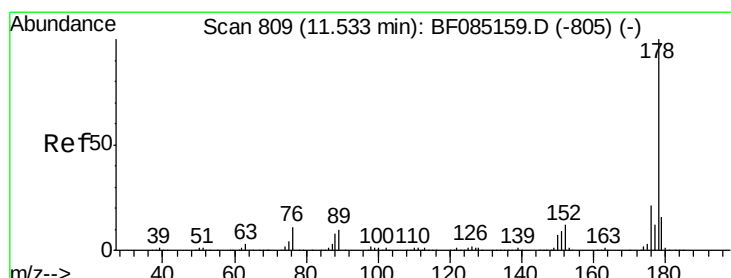
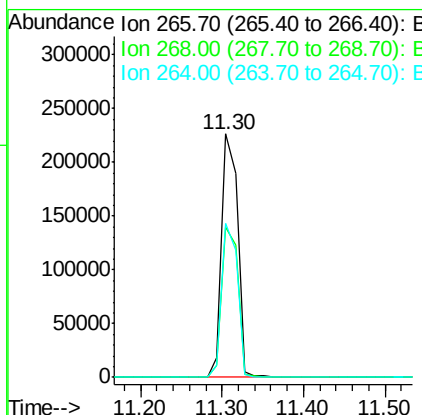
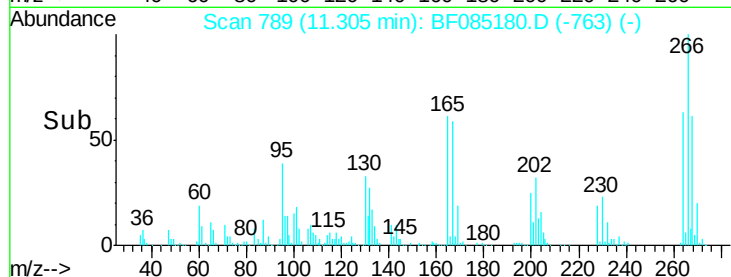
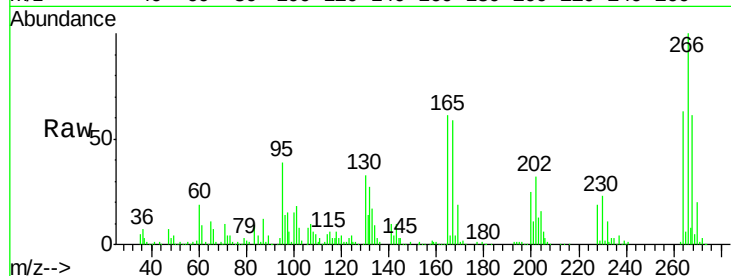
#69
 Pentachlorophenol
 Concen: 97.31 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	305179		
268	61.5	50.0	75.0	
264	63.3	51.4	77.2	

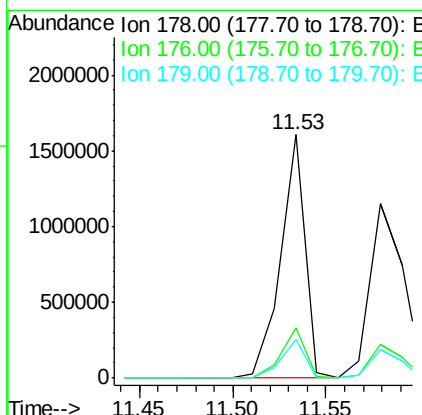
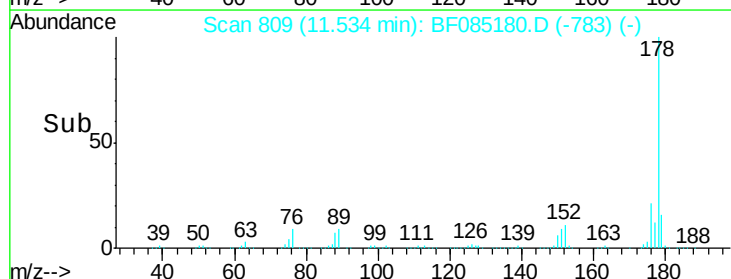
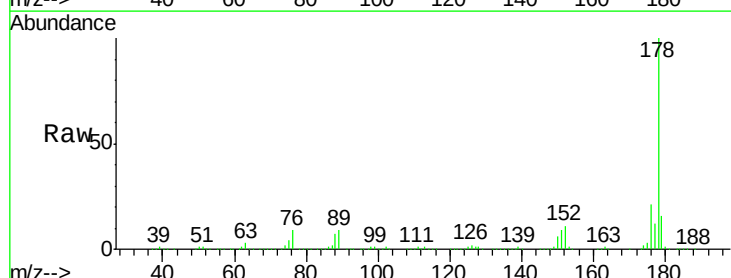
Manual Integrations
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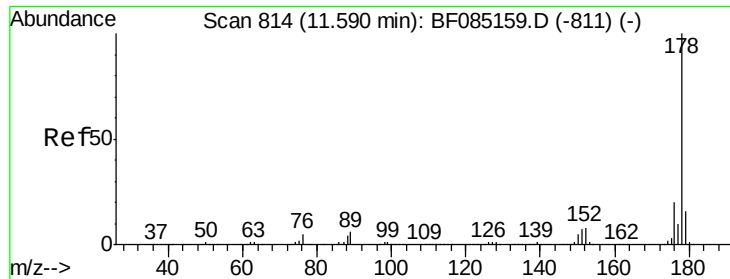
Sohil
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#70
 Phenanthrene
 Concen: 51.14 ng
 RT: 11.53 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1461873		
176	20.8	16.8	25.2	
179	16.1	13.1	19.7	





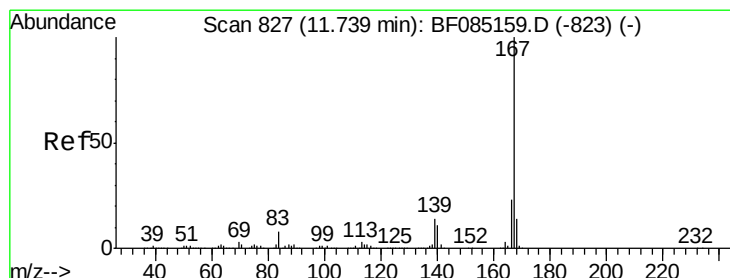
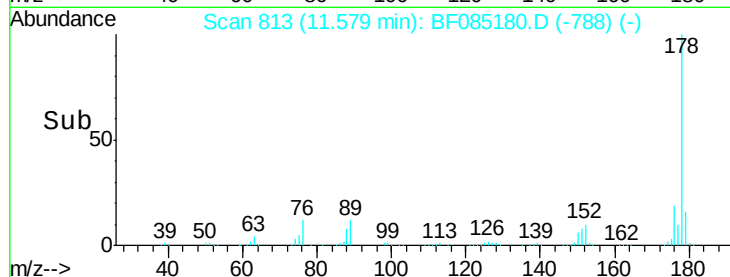
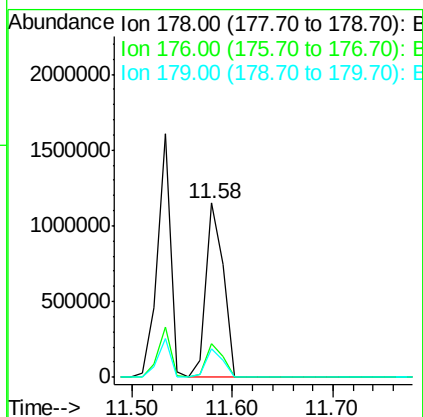
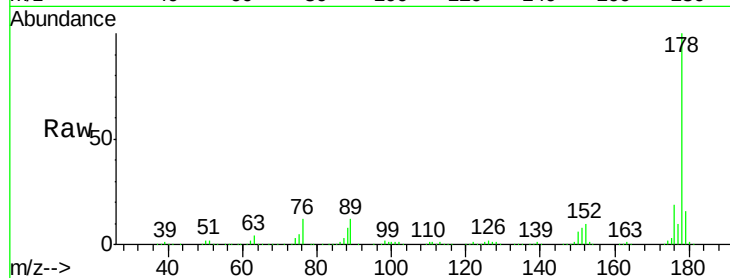
#71
 Anthracene
 Concen: 45.65 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

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

Tgt Ion:178 Resp: 1385450
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 16.1 12.5 18.7

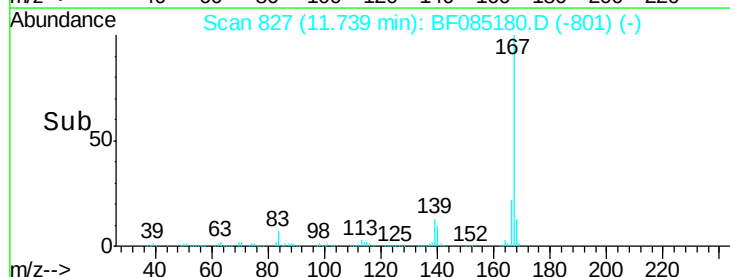
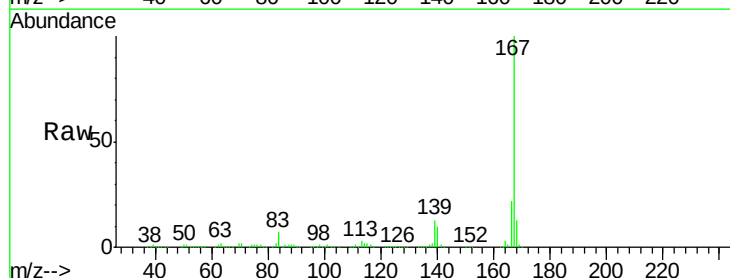
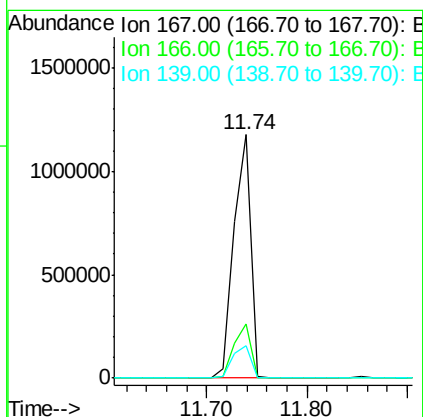
Manual Integrations
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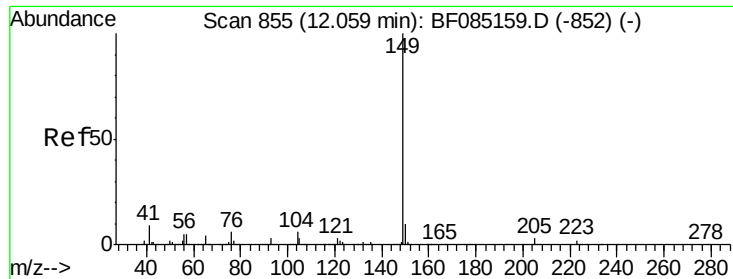
Sohil
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#72
 Carbazole
 Concen: 51.45 ng
 RT: 11.74 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

Tgt Ion:167 Resp: 1368930
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 13.2 11.4 17.0





#73

Di-n-butylphthalate

Concen: 45.85 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

ClientSampleId :

SB-47(COMP)MSD

Tgt Ion:149 Resp: 1542250

Ion Ratio Lower Upper

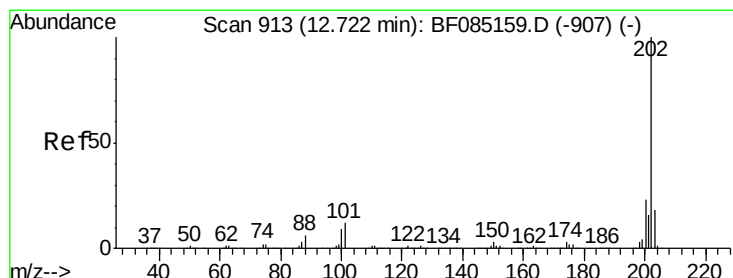
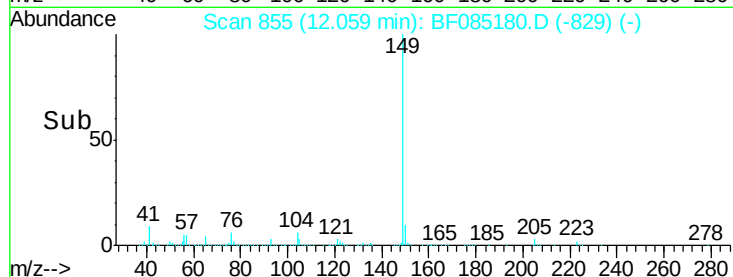
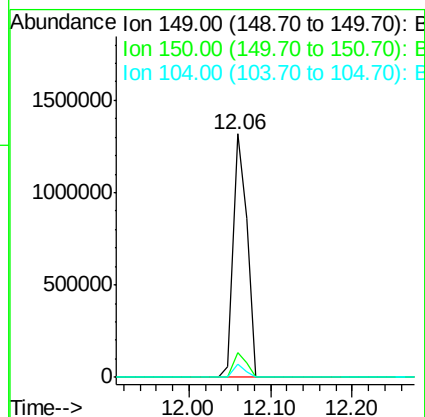
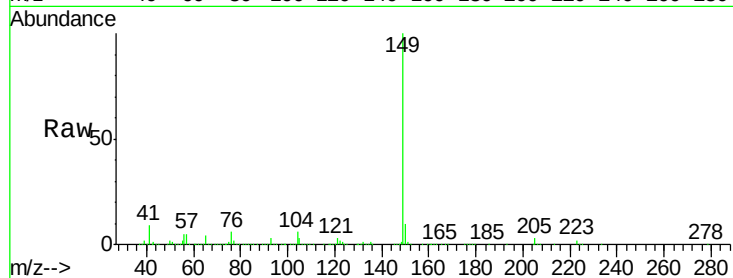
149 100

150 10.0 7.8 11.6

104 5.6 4.7 7.1

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#74

Fluoranthene

Concen: 51.41 ng

RT: 12.72 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

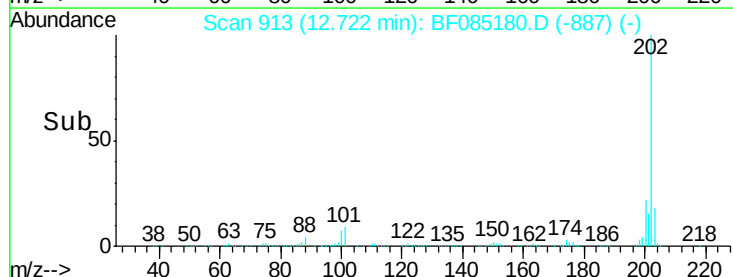
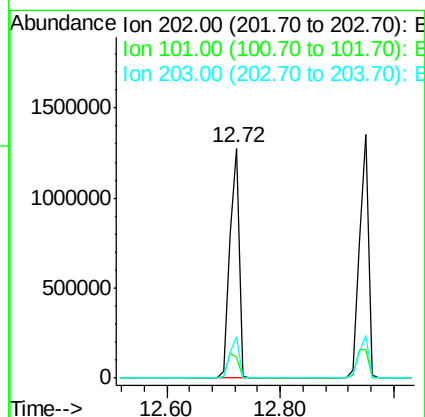
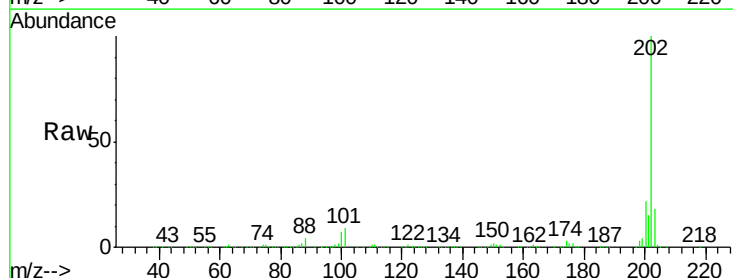
Tgt Ion:202 Resp: 1474926

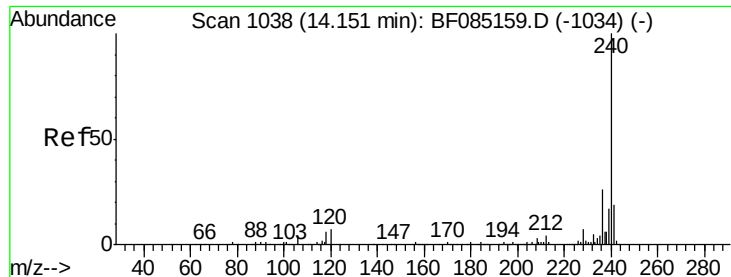
Ion Ratio Lower Upper

202 100

101 9.2 0.0 31.8

203 17.9 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

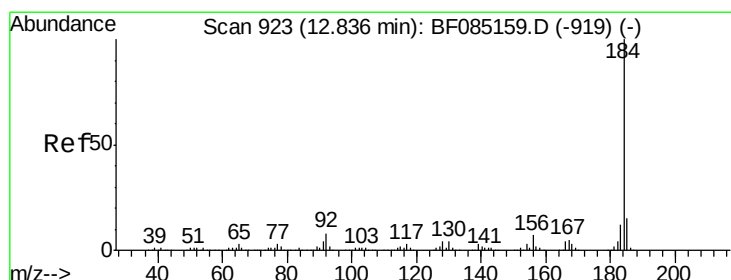
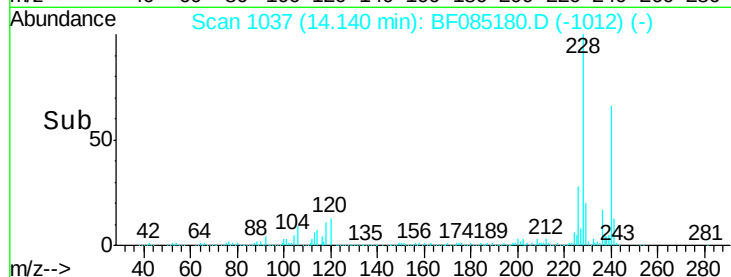
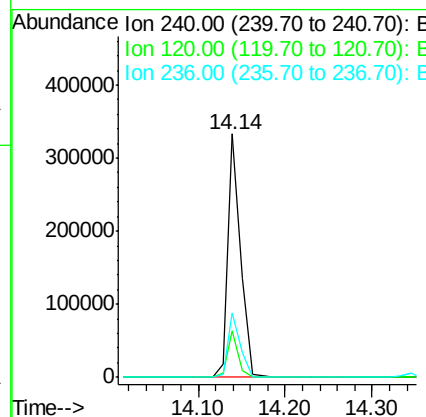
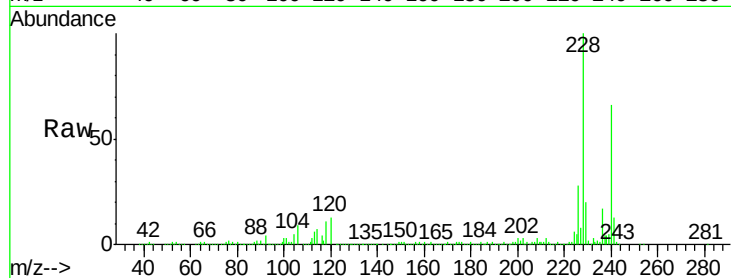
ClientSampleId :

SB-47(COMP)MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.3	5.3	7.9#
236	26.5	20.7	31.1

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#76

Benzidine

Concen: 38.34 ng

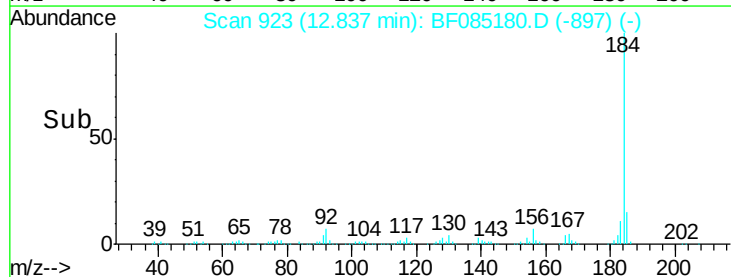
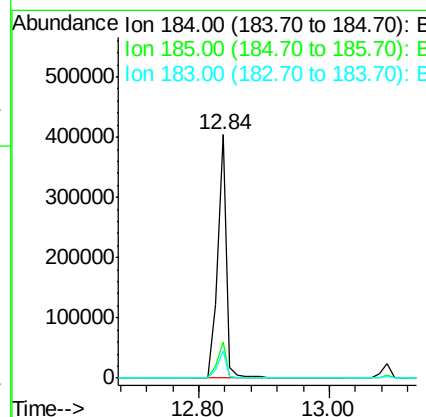
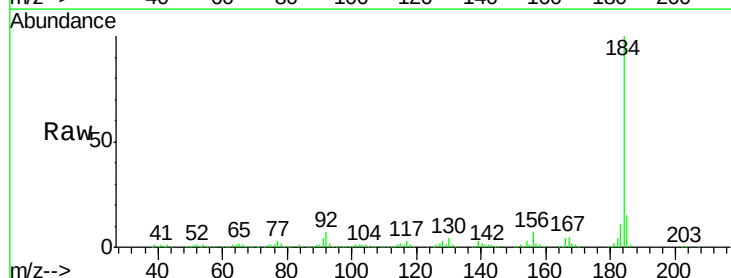
RT: 12.84 min Scan# 923

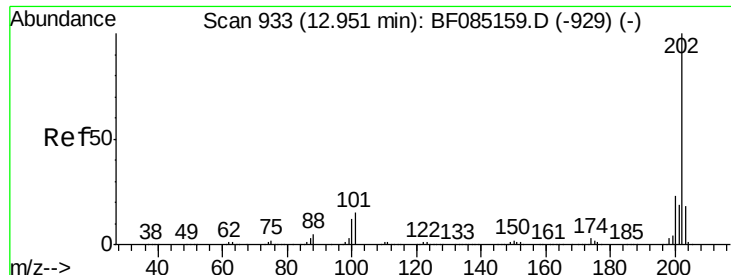
Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.4	18.6
183	11.3	9.4	14.2





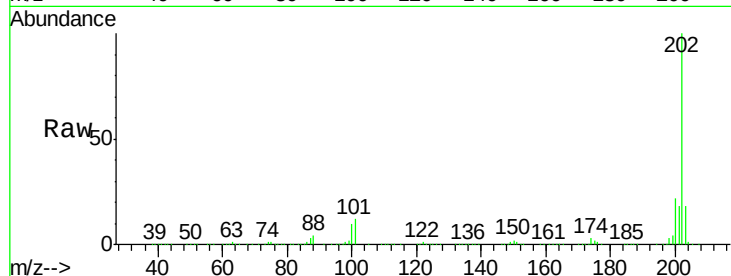
#77
 Pyrene
 Concen: 58.36 ng
 RT: 12.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

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

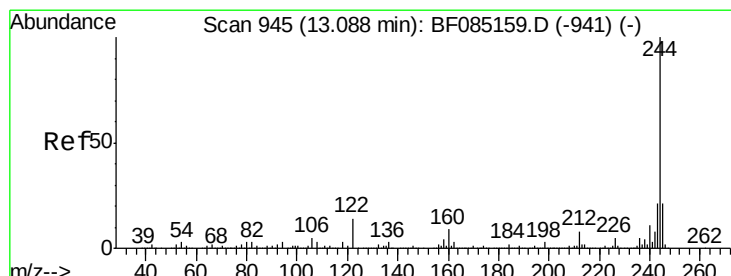
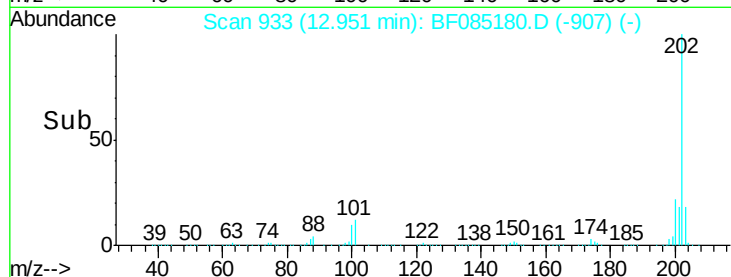
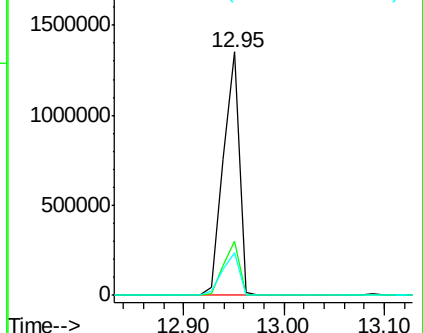
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.4
203	17.7	14.7	22.1

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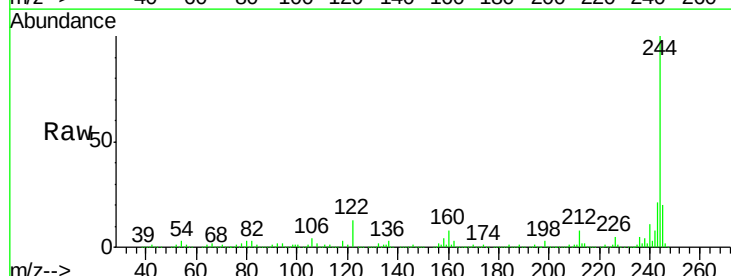


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

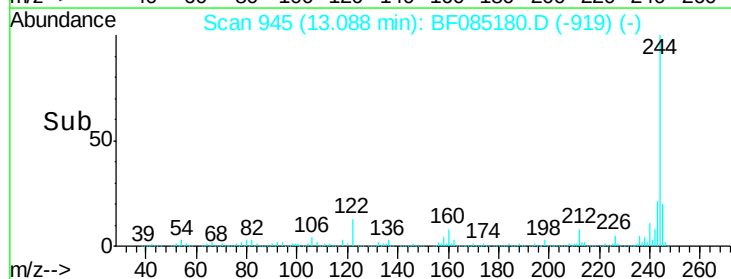
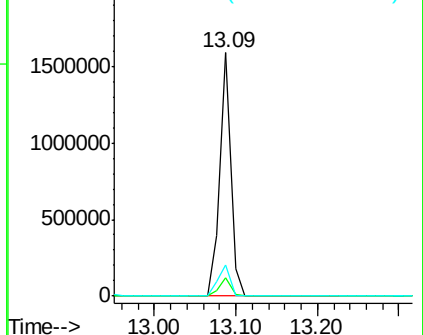


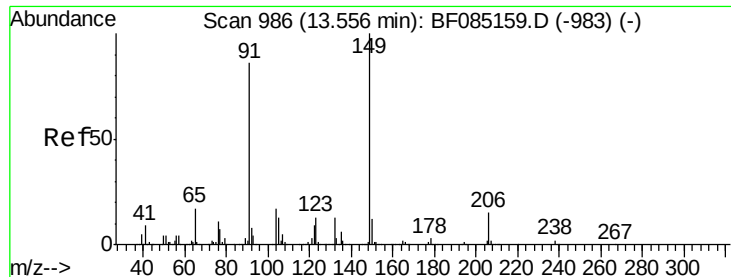
#78
 Terphenyl-d14
 Concen: 101.72 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	12.8	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





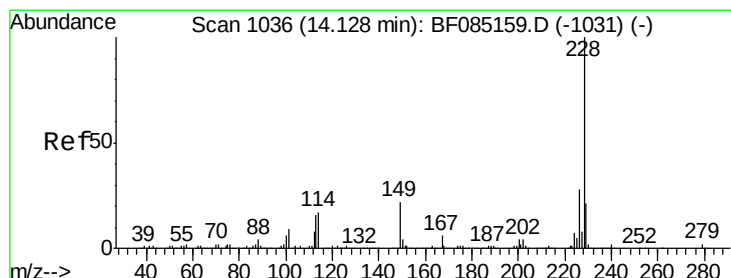
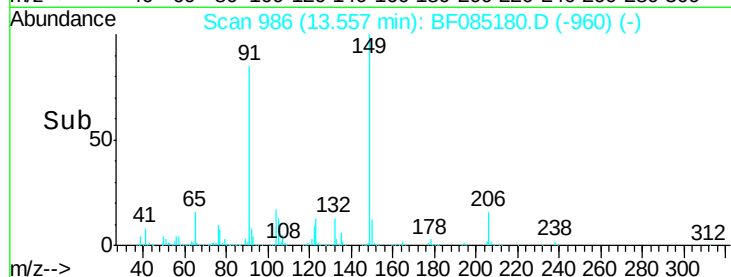
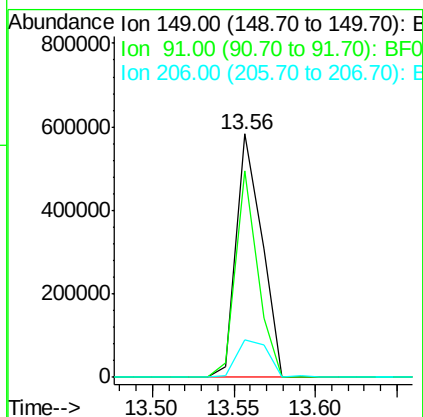
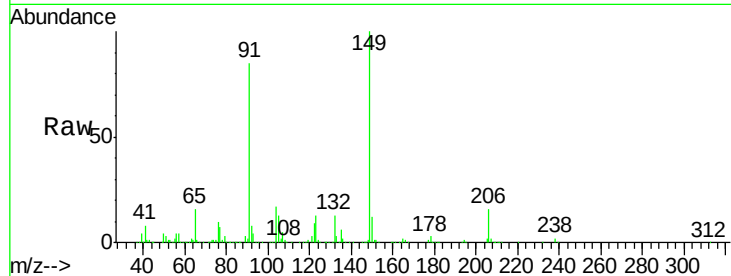
#79
Butylbenzylphthalate
Concen: 54.39 ng
RT: 13.56 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	632681		
91	84.9	69.0	103.4	
206	15.7	12.3	18.5	

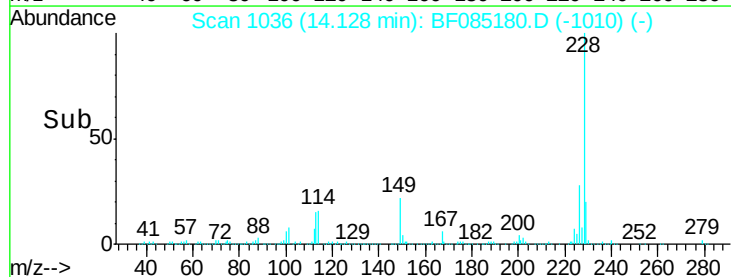
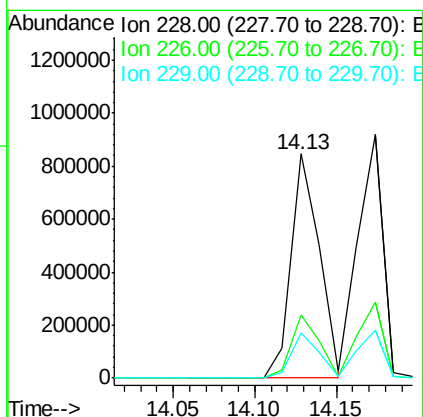
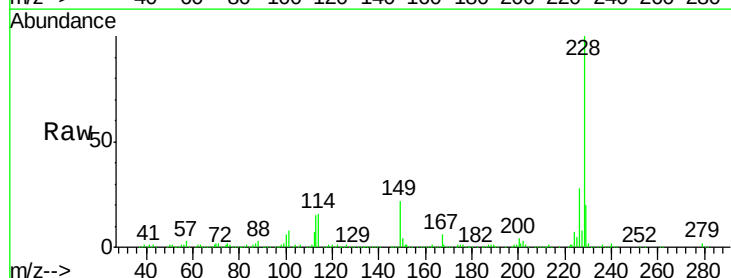
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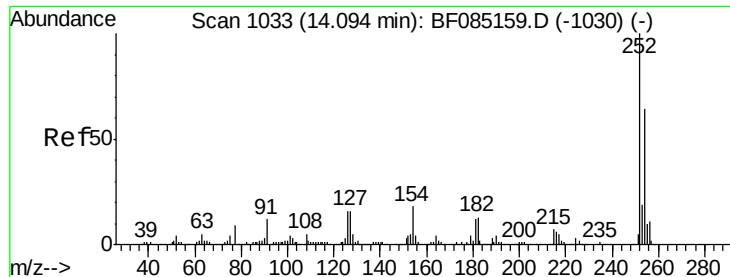
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#80
Benzo(a)anthracene
Concen: 50.30 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1025674		
226	28.0	22.8	34.2	
229	20.2	16.6	24.8	





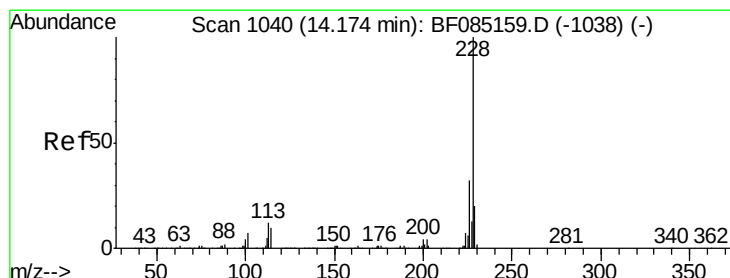
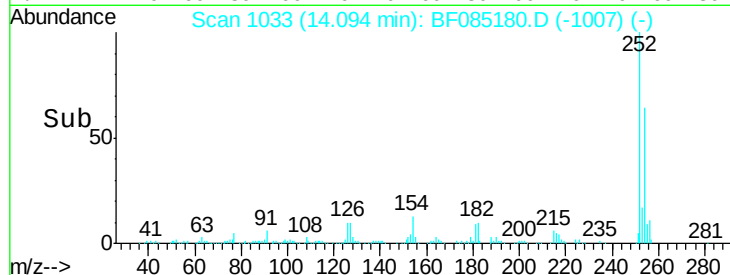
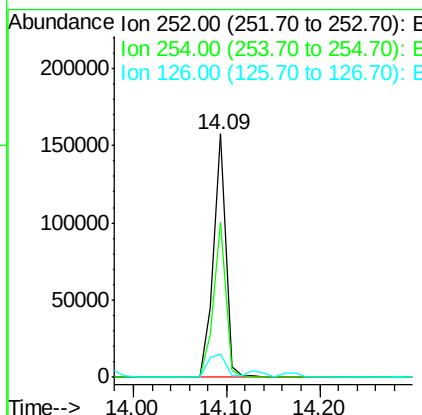
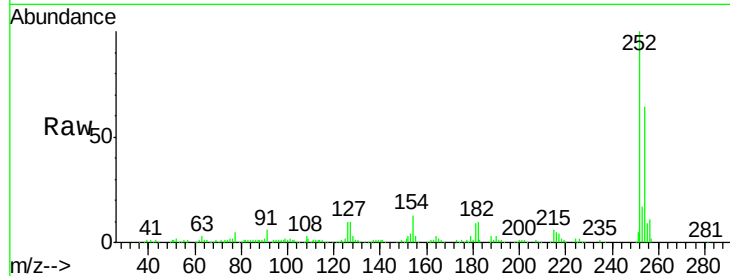
#81
 3,3'-Dichlorobenzidine
 Concen: 22.85 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.9	51.4	77.0
126	9.9	12.9	19.3

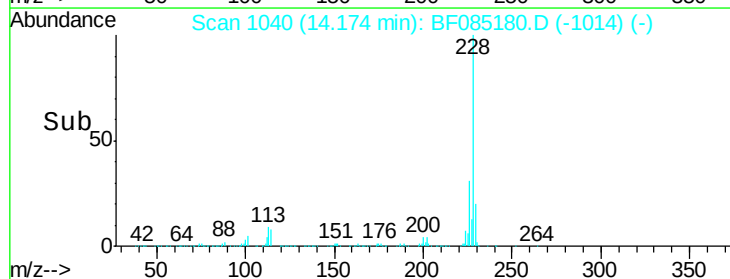
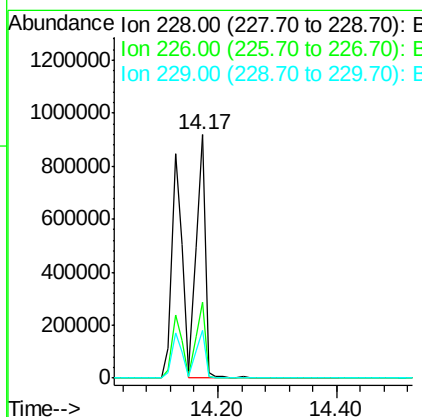
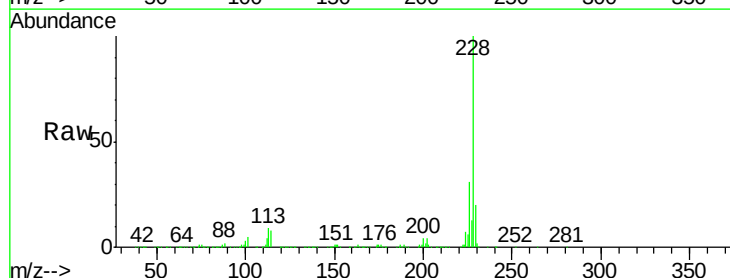
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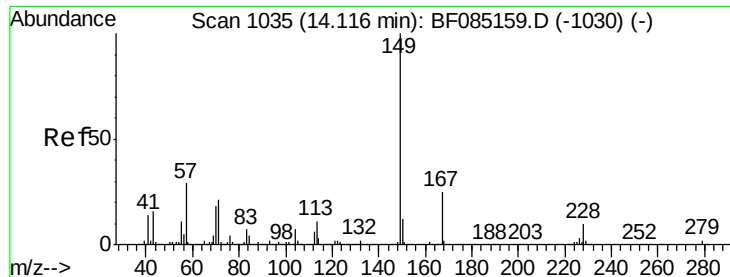
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#82
 Chrysene
 Concen: 53.35 ng
 RT: 14.17 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.4	25.2	37.8
229	19.8	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.03 ng

RT: 14.12 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Instrument :

BNA_F

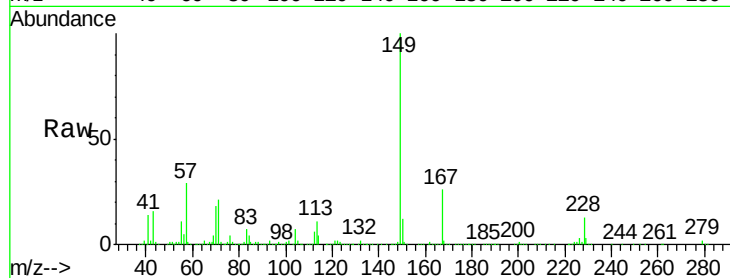
ClientSampleId :

SB-47(COMP)MSD

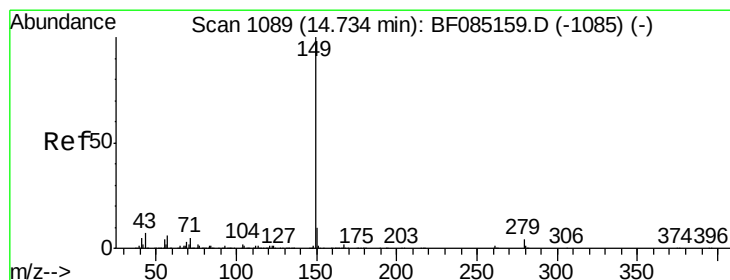
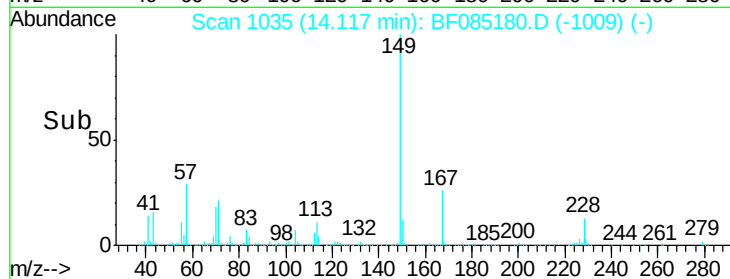
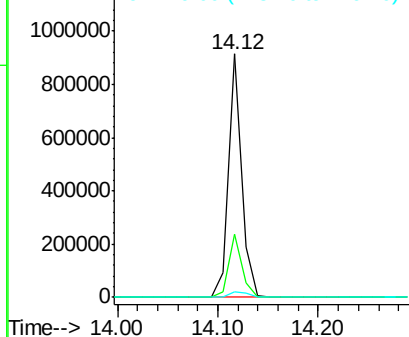
Tgt Ion:	149	Resp:	827053
Ion Ratio	Lower	Upper	
149	100		
167	25.7	20.3	30.5
279	2.4	1.9	2.9

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



#84

Di-n-octyl phthalate

Concen: 58.26 ng

RT: 14.73 min Scan# 1089

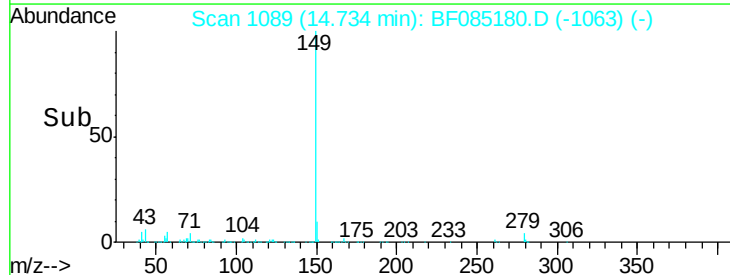
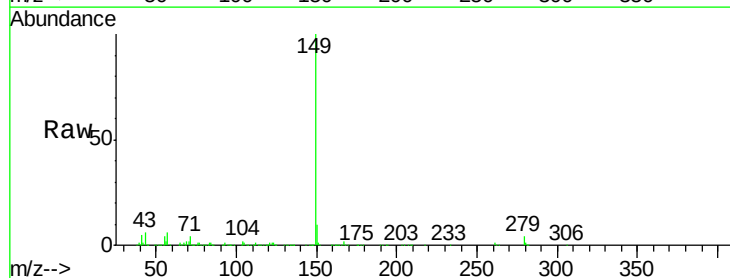
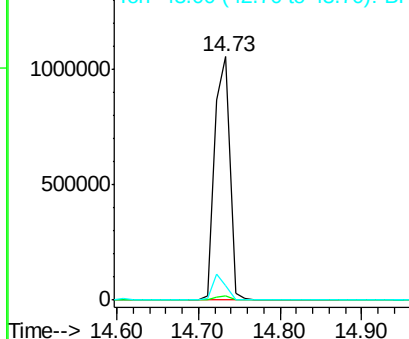
Delta R.T. 0.00 min

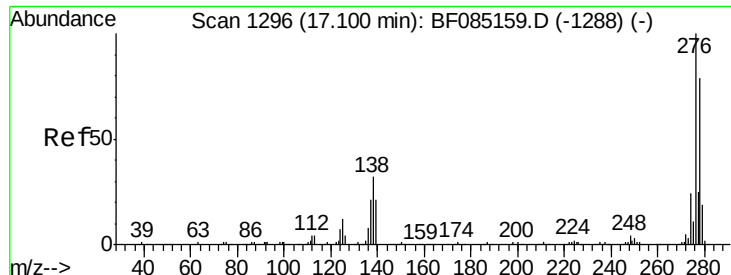
Lab File: BF085180.D

Acq: 4 Mar 2016 2:21

Tgt Ion:	149	Resp:	1358103
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	9.1	7.8	11.8

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





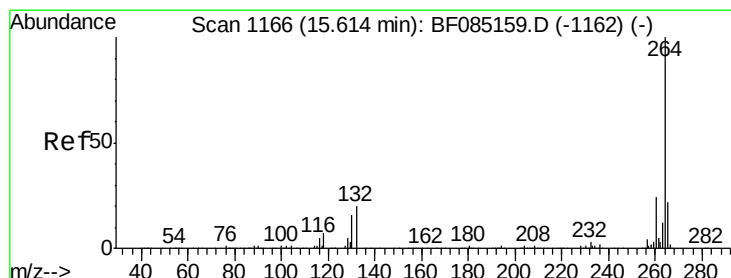
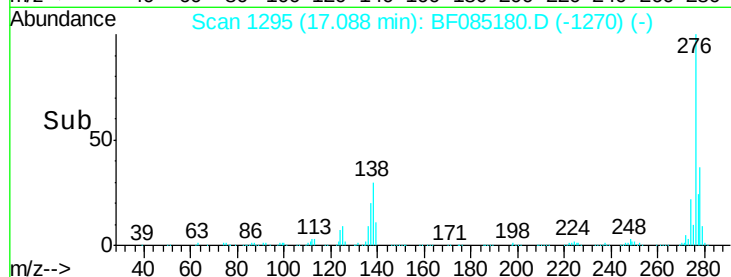
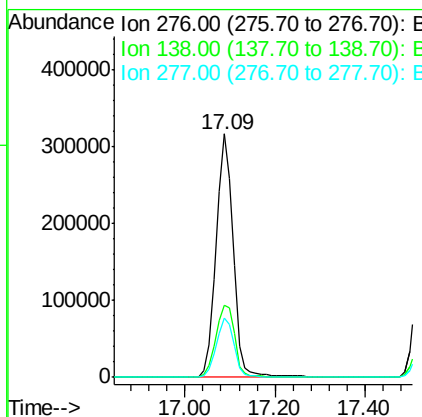
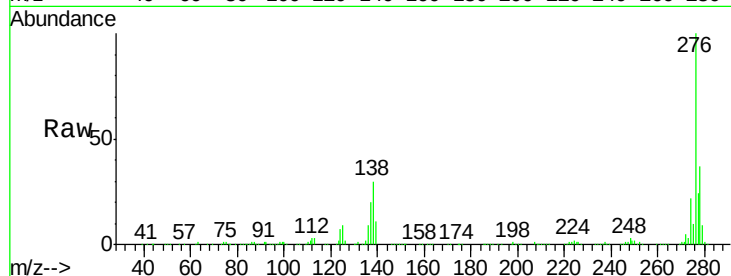
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.59 ng
 RT: 17.09 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.0	26.4	39.6
277	25.3	20.2	30.2

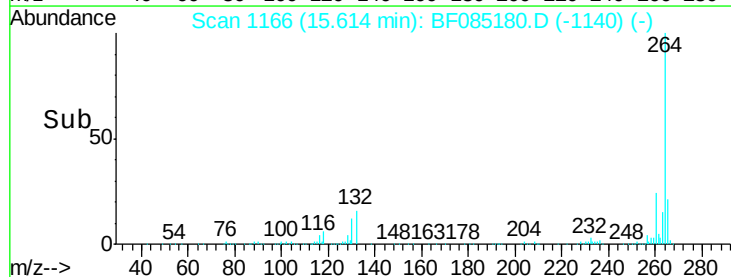
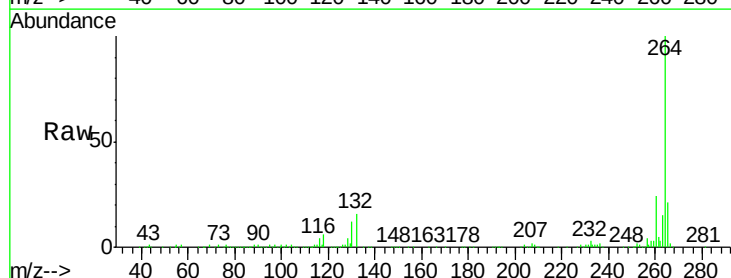
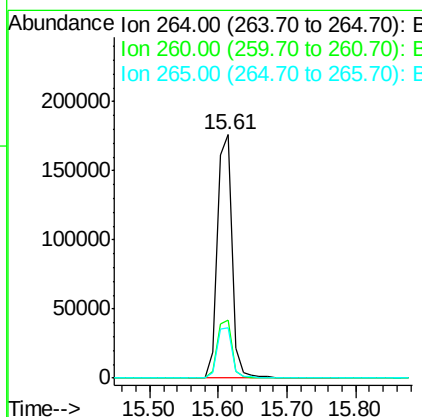
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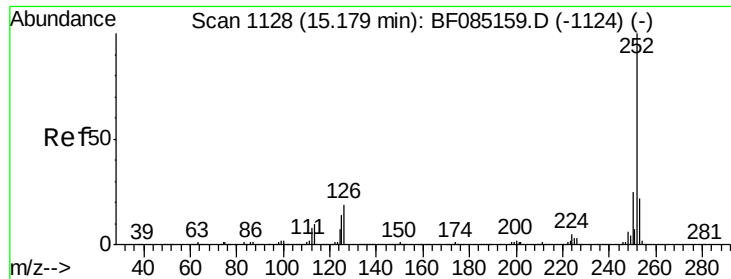
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.6	17.3	25.9





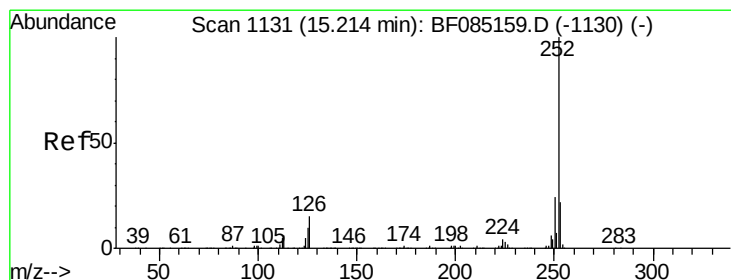
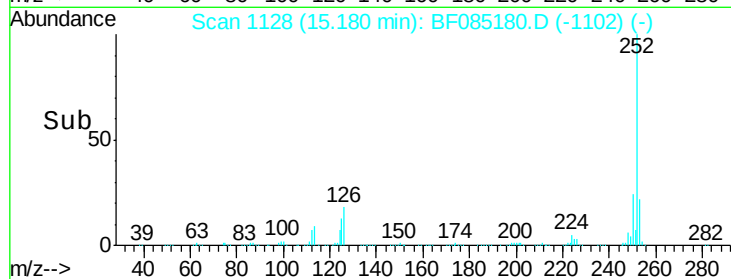
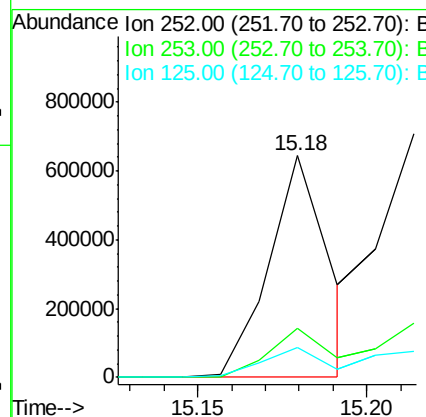
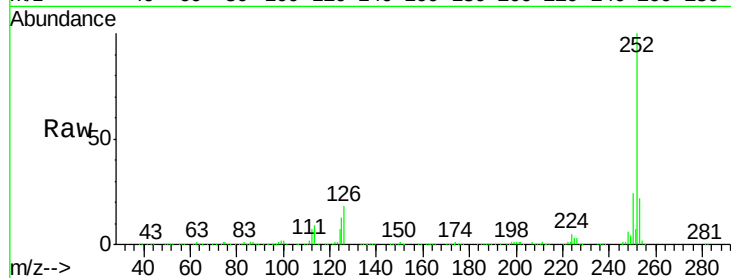
#87
Benzo(b)fluoranthene
Concen: 44.07 ng m
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	13.4	11.3	16.9

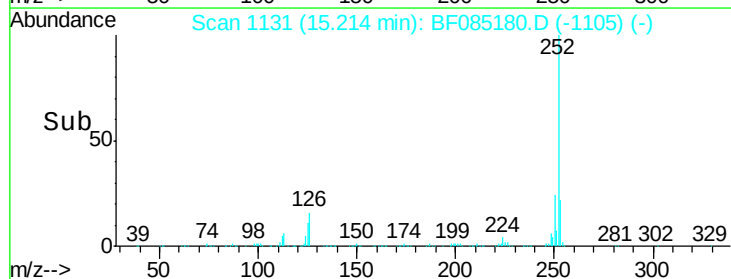
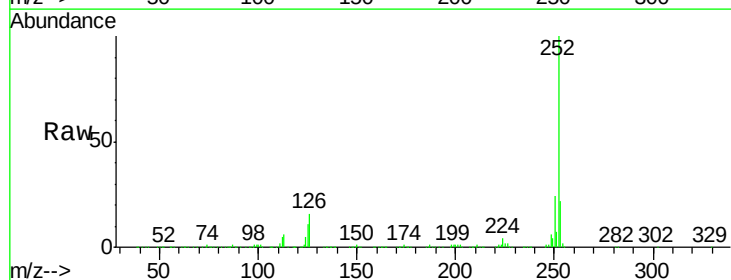
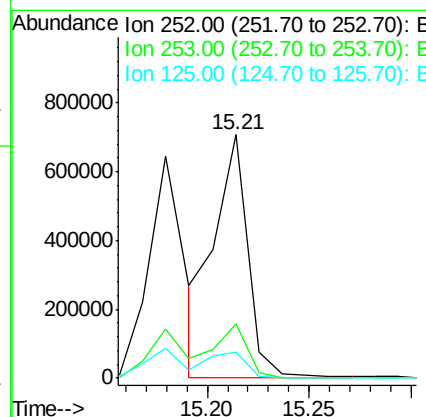
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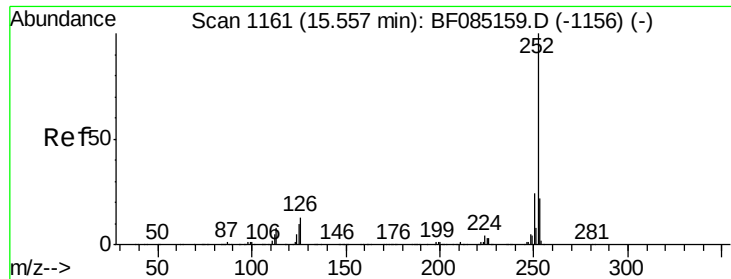
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#88
Benzo(k)fluoranthene
Concen: 56.68 ng m
RT: 15.21 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.9	10.4	15.6





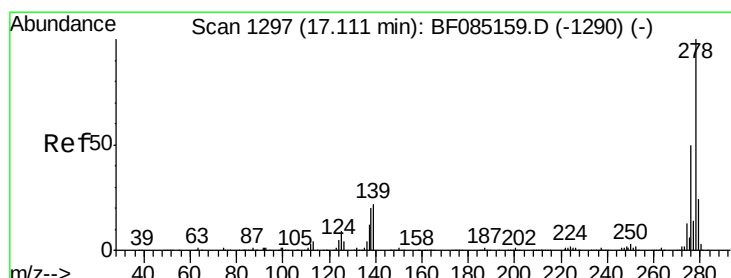
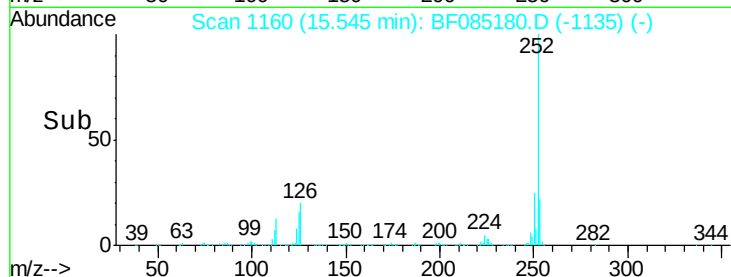
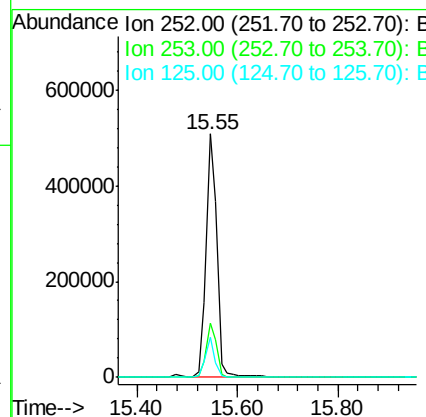
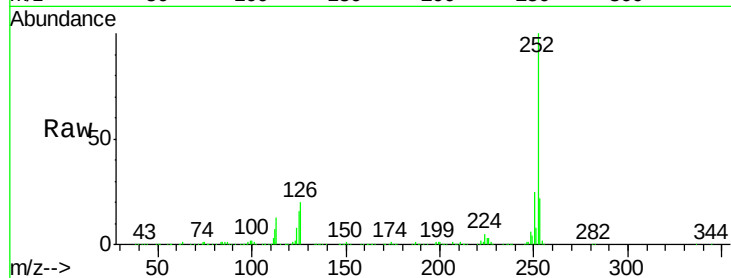
#89
Benzo(a)pyrene
Concen: 51.12 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	16.2	8.2	12.4

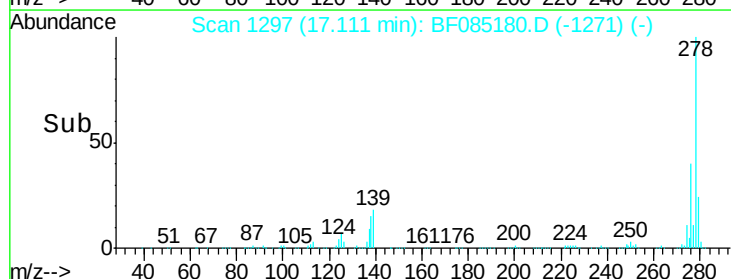
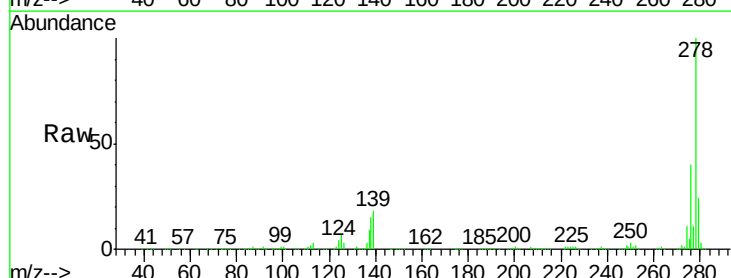
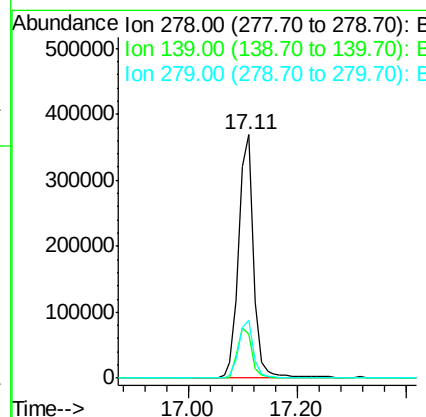
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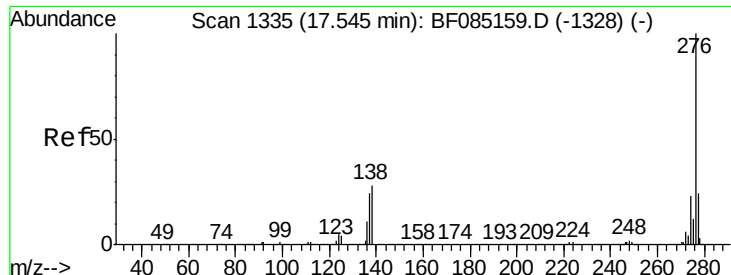
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#90
Dibenzo(a,h)anthracene
Concen: 55.77 ng
RT: 17.11 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF085180.D
Acq: 4 Mar 2016 2:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	17.3	25.9
279	24.1	19.2	28.8





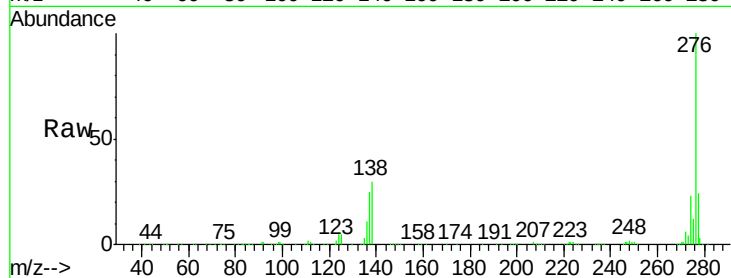
#91
 Benzo(g,h,i)perylene
 Concen: 57.41 ng
 RT: 17.53 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF085180.D
 Acq: 4 Mar 2016 2:21

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

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		727753		
277	24.1	19.0		28.4	
138	29.9	22.5		33.7	

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

