

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085167.D
 Acq On : 3 Mar 2016 20:20
 Operator : SJ/UM
 Sample : PB88654BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88654BS

Manual Integrations
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UMANGI
 3/4/2016 4:28:40 PM

Quant Time: Mar 04 03:16:15 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	6.97	152	166856	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	692909	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	315265	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	597850	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	436650	20.00	ng	-0.01
86) Perylene-d12	15.61	264	355829	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1142428	114.85	ng	0.01
7) Phenol-d6	6.61	99	1589059	121.93	ng	0.00
23) Nitrobenzene-d5	7.54	82	1064745	82.23	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	392404	145.46	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1559711	75.24	ng	-0.01
78) Terphenyl-d14	13.09	244	1496447	79.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	163161	32.07	ng	99
3) Pyridine	3.52	79	409477	32.16	ng	99
4) n-Nitrosodimethylamine	3.46	42	210126	38.56	ng	98
6) Aniline	6.64	93	349227	19.12	ng	97
8) 2-Chlorophenol	6.77	128	472698	39.47	ng	92
9) Benzaldehyde	6.53	77	161181	23.35	ng	90
10) Phenol	6.62	94	652466m	46.74	ng	
11) bis(2-Chloroethyl)ether	6.71	93	406055	35.03	ng	91
12) 1,3-Dichlorobenzene	6.92	146	467367m	36.35	ng	
13) 1,4-Dichlorobenzene	7.00	146	485320	37.66	ng	97
14) 1,2-Dichlorobenzene	7.16	146	447014	38.23	ng	95
15) Benzyl Alcohol	7.12	79	434343	45.40	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.26	45	647655	38.76	ng	99
17) 2-Methylphenol	7.22	107	372337	38.10	ng	96
18) Hexachloroethane	7.50	117	185491	39.02	ng	93
19) n-Nitroso-di-n-propylamine	7.40	70	350116	41.22	ng	97
20) 3+4-Methylphenols	7.38	107	502753	43.44	ng	# 74
22) Acetophenone	7.38	105	600781	35.52	ng	# 91
24) Nitrobenzene	7.56	77	474820	36.10	ng	96
25) Isophorone	7.80	82	913447	38.07	ng	99
26) 2-Nitrophenol	7.88	139	233370	36.46	ng	# 71
27) 2,4-Dimethylphenol	7.91	122	451250	38.57	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	604098	45.20	ng	99
29) 2,4-Dichlorophenol	8.12	162	370994	39.32	ng	89
30) 1,2,4-Trichlorobenzene	8.21	180	409578	40.15	ng	97
31) Naphthalene	8.29	128	1360498	39.93	ng	99
32) Benzoic acid	8.02	122	248249	31.95	ng	# 87
33) 4-Chloroaniline	8.33	127	134481	9.76	ng	# 91
34) Hexachlorobutadiene	8.40	225	193246	36.41	ng	97
35) Caprolactam	8.70	113	141523m	45.93	ng	
36) 4-Chloro-3-methylphenol	8.81	107	451787	42.21	ng	93
37) 2-Methylnaphthalene	8.97	142	875820	40.06	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	350944	38.92	ng	99
40) Hexachlorocyclopentadiene	9.13	237	408296	83.96	ng	98

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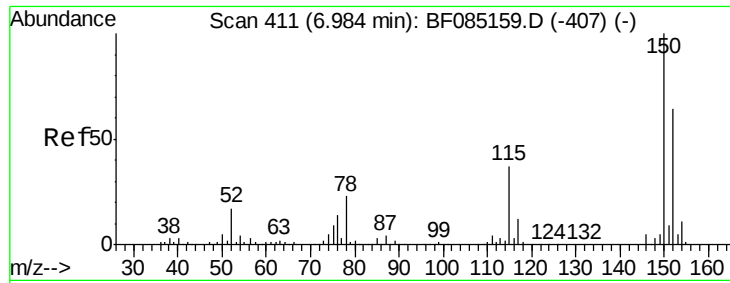
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	274821	40.95	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	277317	43.58	ng	95
45) 1,1'-Biphenyl	9.44	154	1024467	38.04	ng	97
46) 2-Chloronaphthalene	9.46	162	751494	36.60	ng	# 92
47) 2-Nitroaniline	9.56	65	246944	38.81	ng	97
48) Acenaphthylene	9.89	152	1339747	41.93	ng	97
49) Dimethylphthalate	9.74	163	886609	36.64	ng	99
50) 2,6-Dinitrotoluene	9.80	165	196588	37.98	ng	# 75
51) Acenaphthene	10.06	154	889101	45.83	ng	98
52) 3-Nitroaniline	9.97	138	110142	17.78	ng	97
53) 2,4-Dinitrophenol	10.07	184	178218	69.06	ng	# 62
54) Dibenzofuran	10.23	168	1167966	45.95	ng	96
55) 4-Nitrophenol	10.13	139	412938	84.84	ng	87
56) 2,4-Dinitrotoluene	10.21	165	318511	48.08	ng	# 80
57) Fluorene	10.57	166	873487	43.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	214717	48.03	ng	95
59) Diethylphthalate	10.44	149	921791	39.26	ng	95
60) 4-Chlorophenyl-phenylether	10.56	204	416526	42.88	ng	94
61) 4-Nitroaniline	10.58	138	239583	41.36	ng	94
62) Azobenzene	10.72	77	1106687	47.84	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	134125	37.47	ng	# 59
65) n-Nitrosodiphenylamine	10.68	169	715791	38.49	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	248979	42.89	ng	# 90
67) Hexachlorobenzene	11.12	284	254048	41.02	ng	# 87
68) Atrazine	11.20	200	248303	48.01	ng	99
69) Pentachlorophenol	11.30	266	270082	78.57	ng	99
70) Phenanthrene	11.53	178	1365345	43.58	ng	99
71) Anthracene	11.58	178	1222306	36.75	ng	99
72) Carbazole	11.73	167	1173498	40.24	ng	98
73) Di-n-butylphthalate	12.06	149	1398543	37.93	ng	99
74) Fluoranthene	12.72	202	1307693	41.59	ng	94
76) Benzidine	12.84	184	336799	25.92	ng	98
77) Pyrene	12.95	202	1389545	42.28	ng	99
79) Butylbenzylphthalate	13.56	149	588891	39.49	ng	100
80) Benzo(a)anthracene	14.13	228	1053511	40.30	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	155199	18.82	ng	# 96
82) Chrysene	14.17	228	1028227	42.58	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	820650	41.82	ng	100
84) Di-n-octyl phthalate	14.73	149	1399043	46.81	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	722294	38.33	ng	100
87) Benzo(b)fluoranthene	15.18	252	1091051	46.00	ng	99
88) Benzo(k)fluoranthene	15.21	252	677758m	35.43	ng	
89) Benzo(a)pyrene	15.56	252	815532	41.49	ng	99
90) Dibenzo(a,h)anthracene	17.10	278	611143	36.43	ng	98
91) Benzo(g,h,i)perylene	17.53	276	587205	34.81	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085167.D

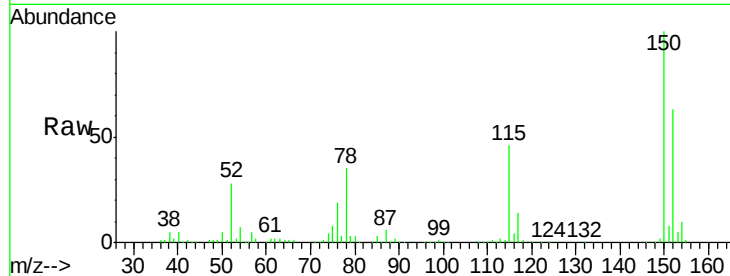
Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

ClientSampleId :

PB88654BS



Tgt Ion: 152 Resp: 166856

Ion Ratio Lower Upper

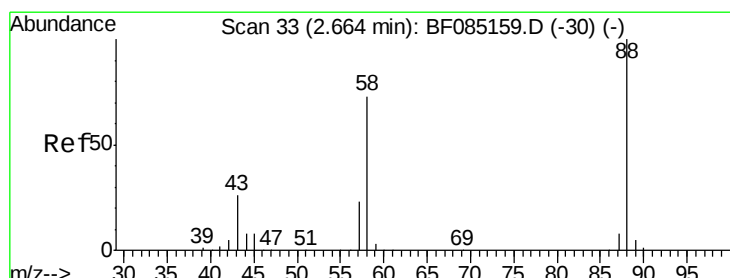
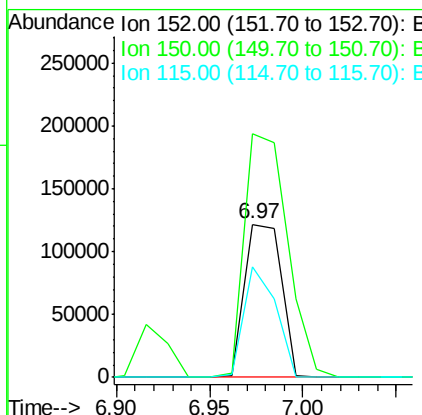
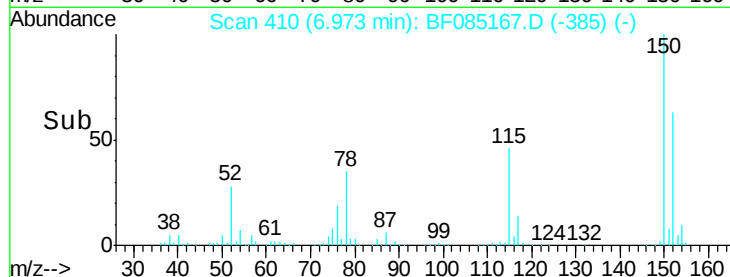
152 100

150 159.2 124.6 186.8

115 72.5 46.6 70.0#

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#2

1,4-Dioxane

Concen: 32.07 ng

RT: 2.76 min Scan# 41

Delta R.T. 0.09 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

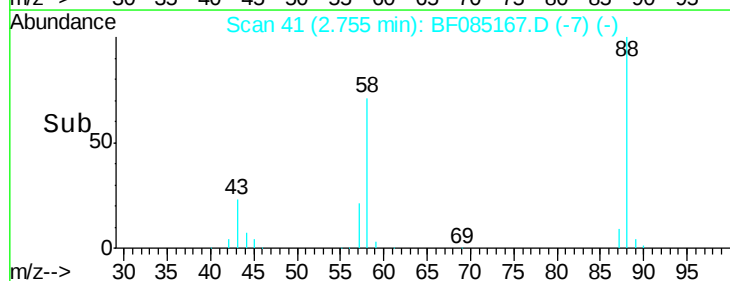
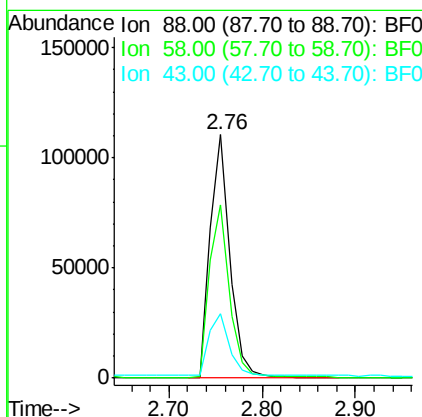
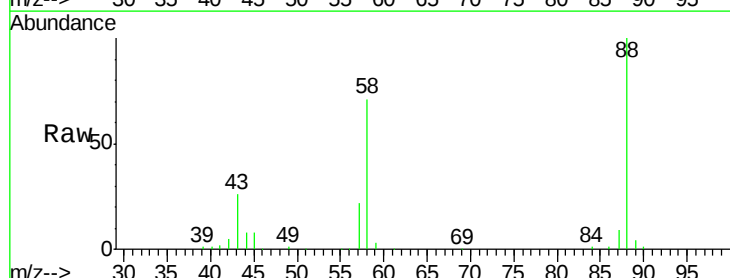
Tgt Ion: 88 Resp: 163161

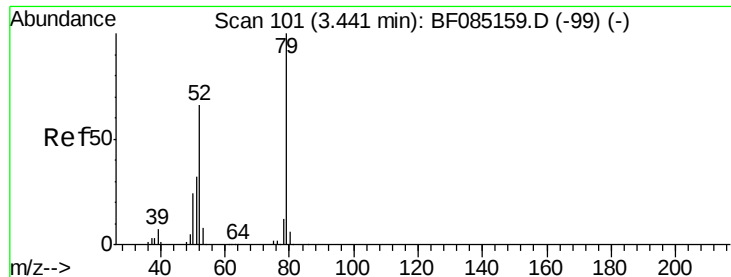
Ion Ratio Lower Upper

88 100

58 71.8 57.0 85.6

43 26.0 20.5 30.7





#3

Pyridine

Concen: 32.16 ng

RT: 3.52 min Scan# 108

Delta R.T. 0.08 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

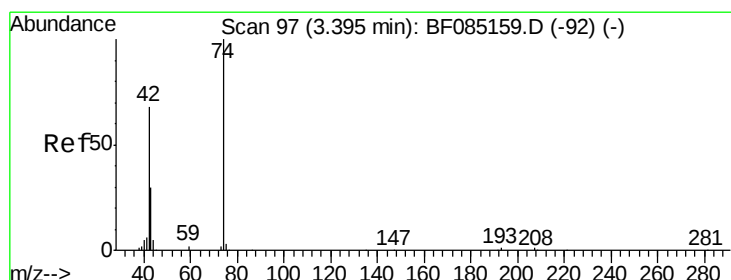
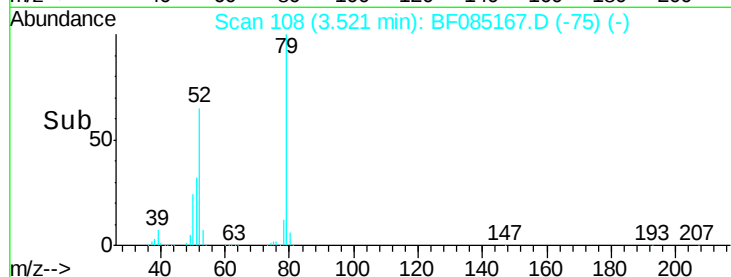
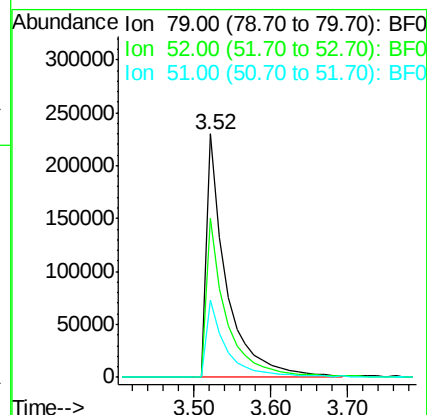
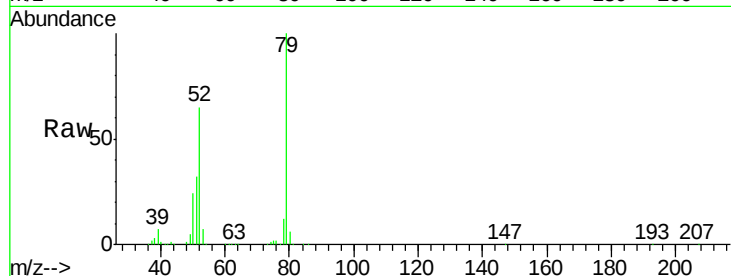
ClientSampleId :

PB88654BS

Tgt Ion:	79	Resp:	409477
Ion Ratio	Lower	Upper	
79	100		
52	65.1	52.6	79.0
51	31.8	25.8	38.8

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#4

n-Nitrosodimethylamine

Concen: 38.56 ng

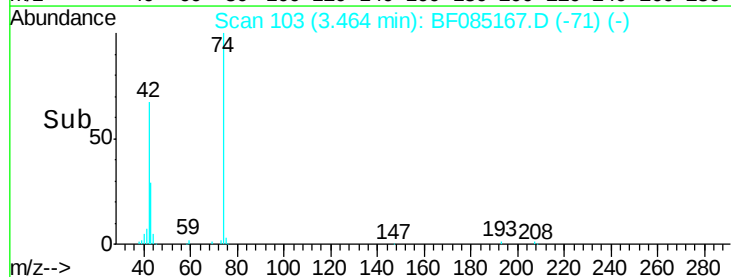
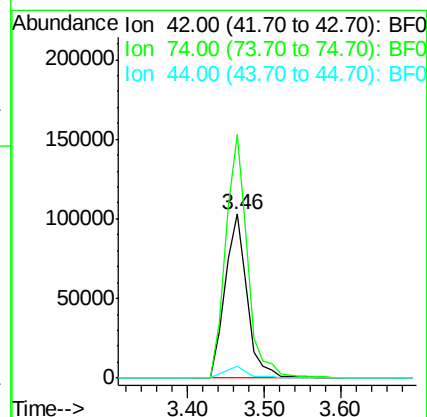
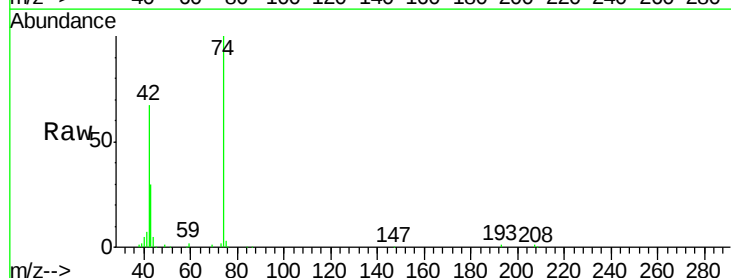
RT: 3.46 min Scan# 103

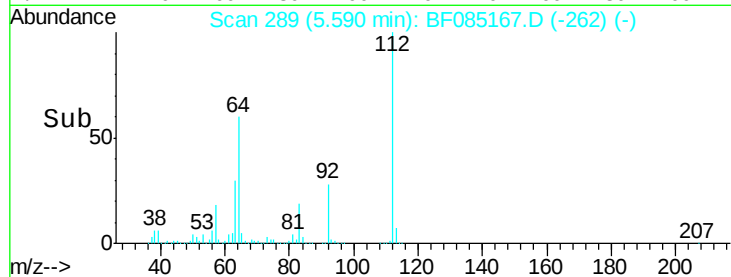
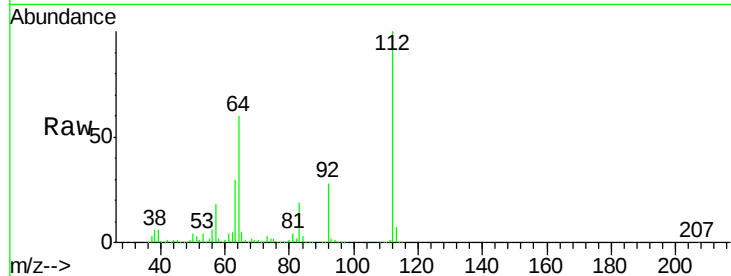
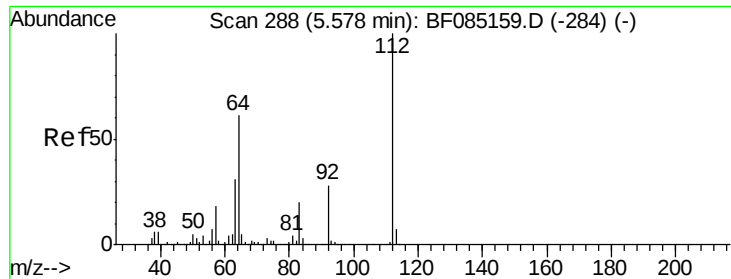
Delta R.T. 0.07 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion:	42	Resp:	210126
Ion Ratio	Lower	Upper	
42	100		
74	148.7	116.8	175.2
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 114.85 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion:	112	Resp:	1142428
Ion	Ratio	Lower	Upper
112	100		
64	59.6	49.0	73.4
63	30.4	24.8	37.2

Instrument :

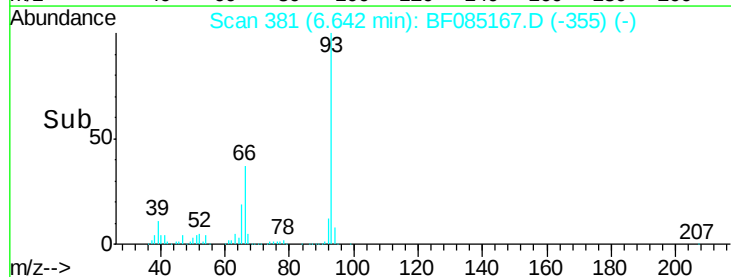
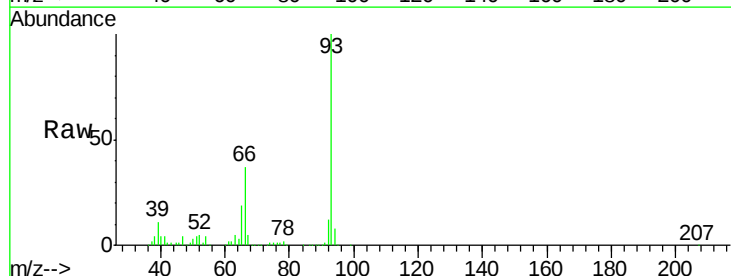
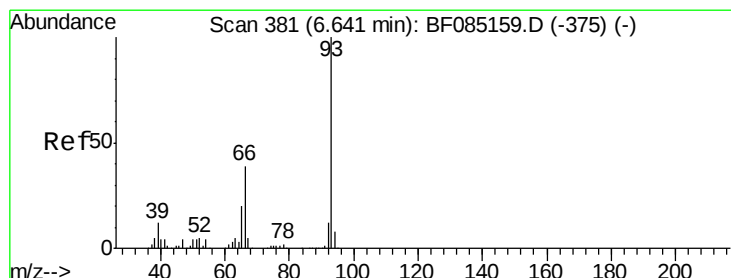
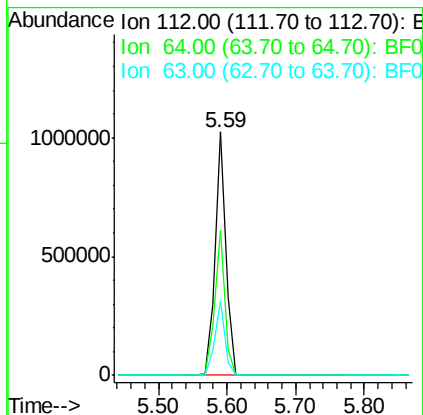
BNA_F

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PB88654BS

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#6

Aniline

Concen: 19.12 ng

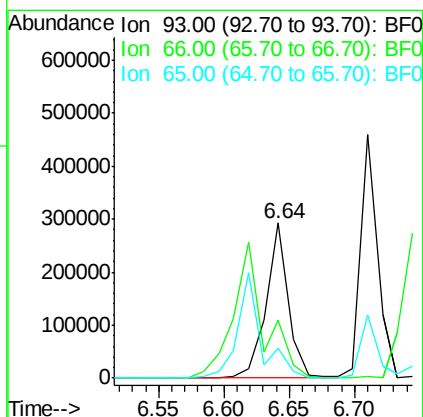
RT: 6.64 min Scan# 381

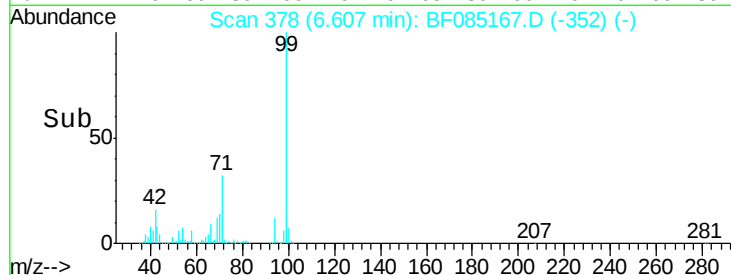
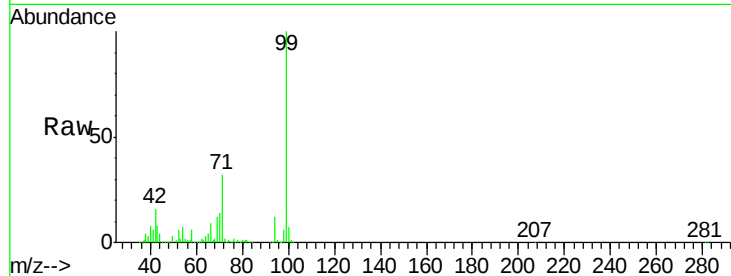
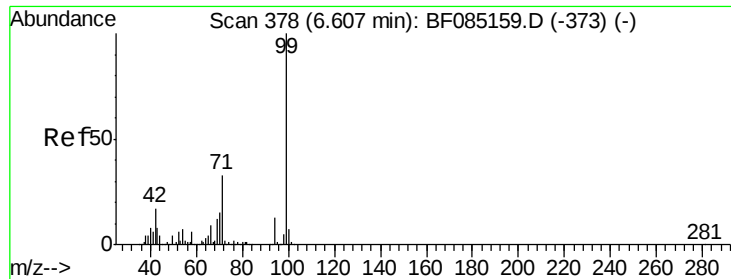
Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion:	93	Resp:	349227
Ion	Ratio	Lower	Upper
93	100		
66	37.4	31.6	47.4
65	18.9	15.8	23.8





#7

Phenol-d6

Concen: 121.93 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion:	99	Resp:	1589059
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.6	20.4
71	32.5	26.7	40.1

Instrument :

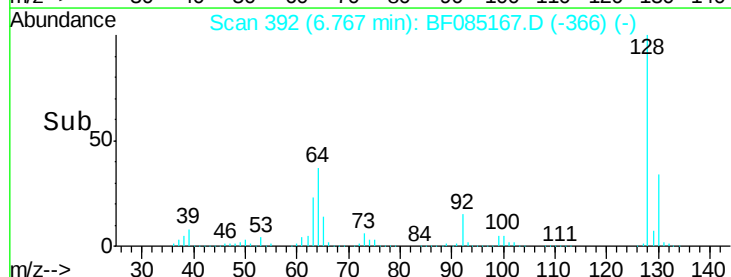
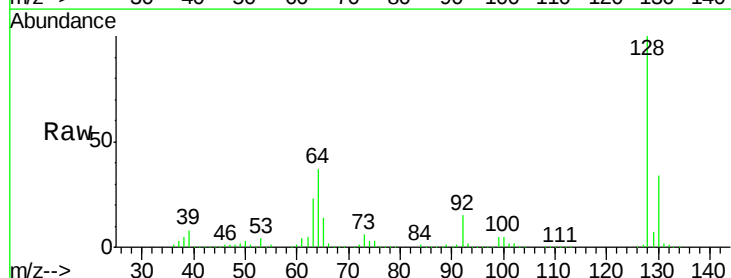
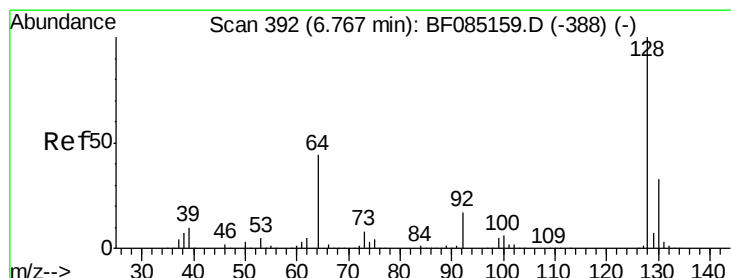
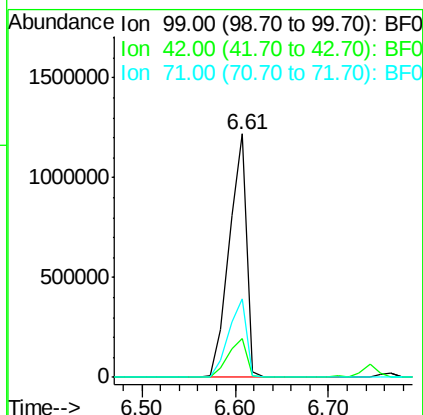
BNA_F

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PB88654BS

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#8

2-Chlorophenol

Concen: 39.47 ng

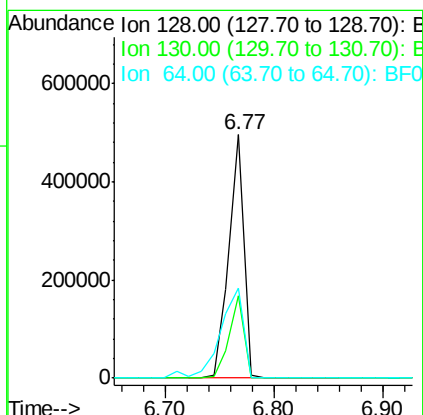
RT: 6.77 min Scan# 392

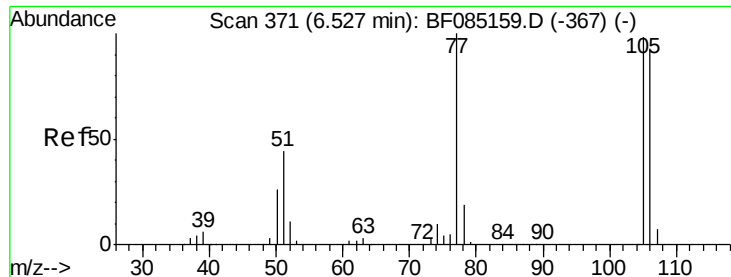
Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion:	128	Resp:	472698
Ion	Ratio	Lower	Upper
128	100		
130	34.0	13.3	53.3
64	37.0	25.7	65.7





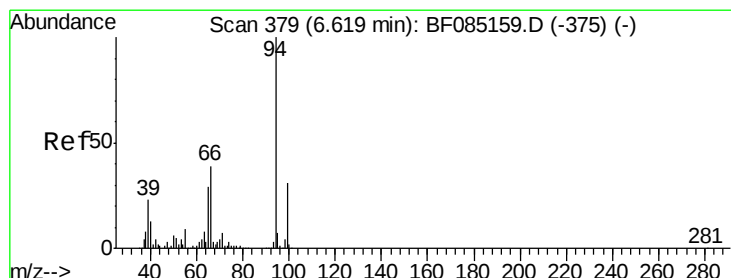
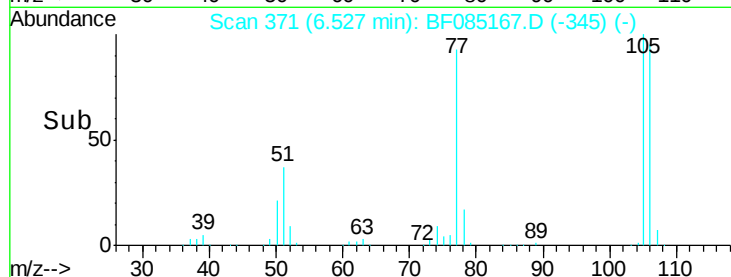
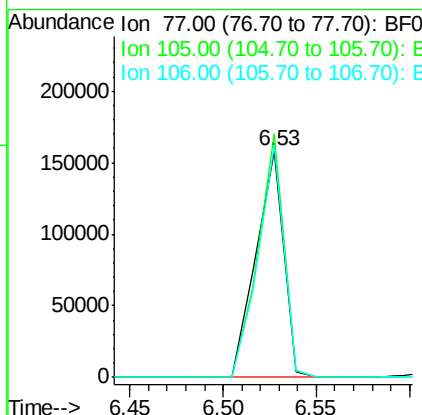
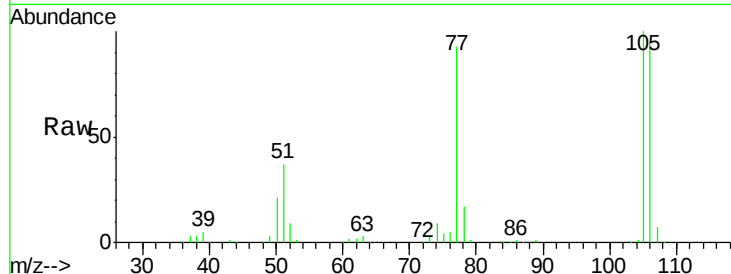
#9
Benzaldehyde
Concen: 23.35 ng
RT: 6.53 min Scan# 371
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB88654BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	107.7	78.2	118.2
106	102.4	72.9	112.9

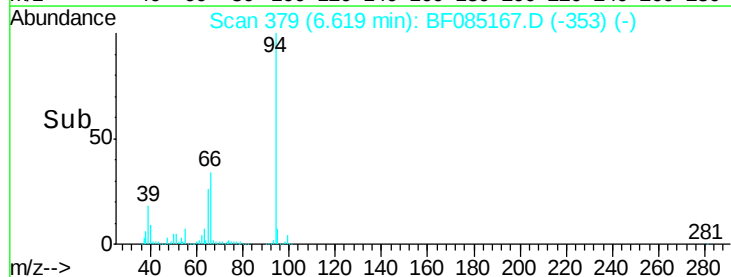
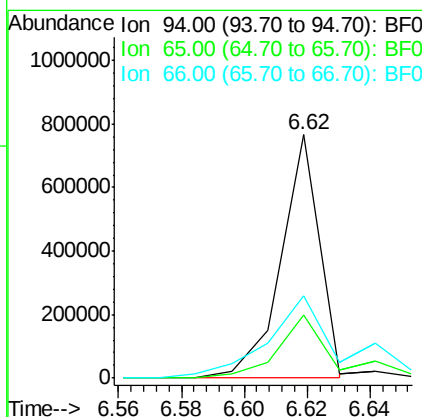
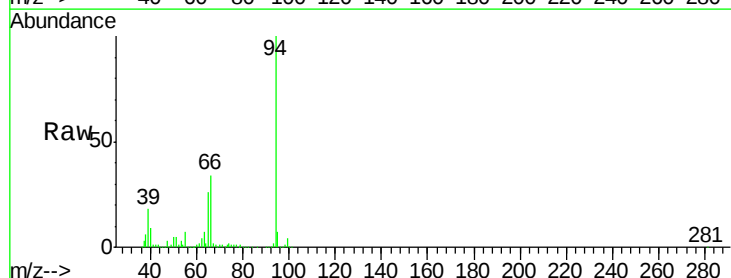
Manual Integrations
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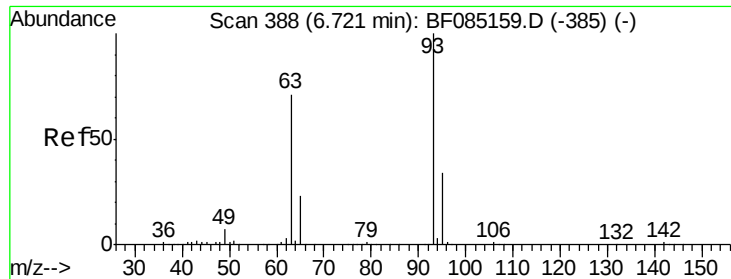
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#10
Phenol
Concen: 46.74 ng m
RT: 6.62 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.0	9.1	49.1
66	33.7	19.3	59.3





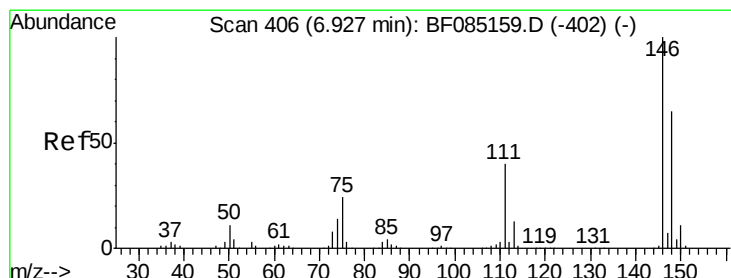
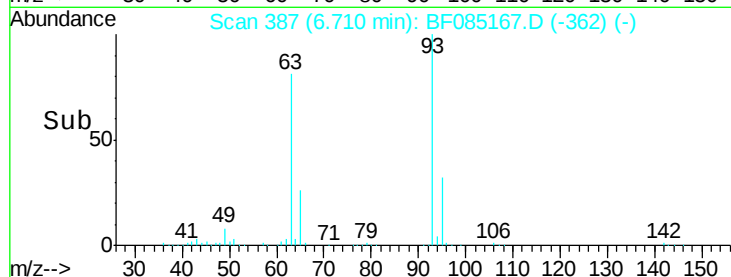
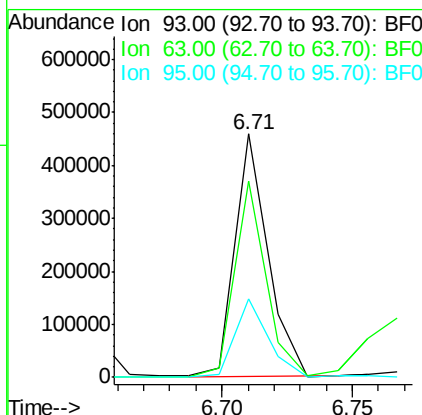
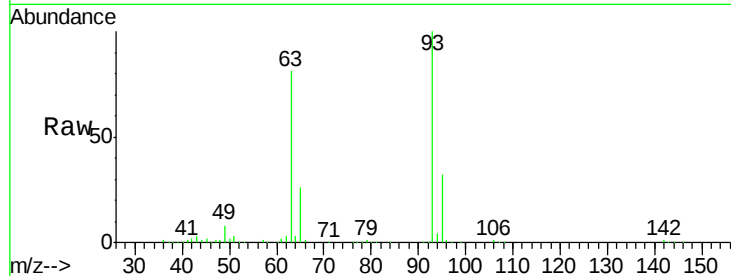
#11
bis(2-Chloroethyl)ether
Concen: 35.03 ng
RT: 6.71 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB88654BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	406055		
63	80.6	50.9	90.9	
95	32.3	13.7	53.7	

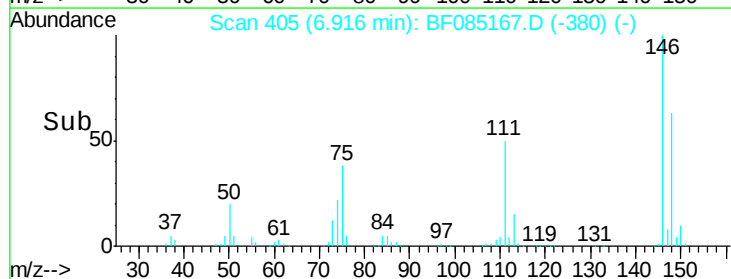
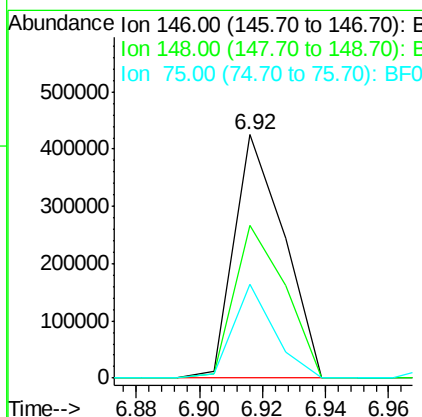
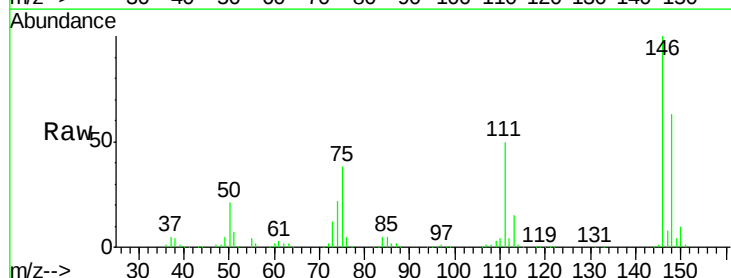
Manual Integrations
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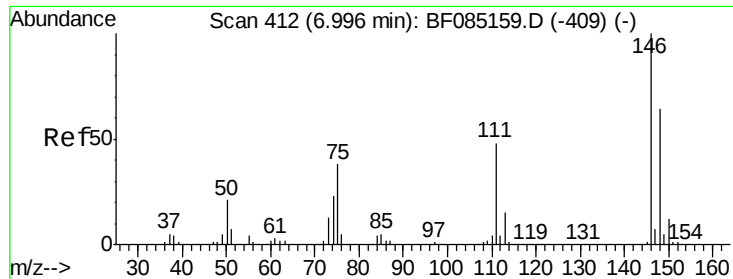
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#12
1,3-Dichlorobenzene
Concen: 36.35 ng m
RT: 6.92 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	467367		
148	62.6	52.1	78.1	
75	38.4	19.5	29.3#	





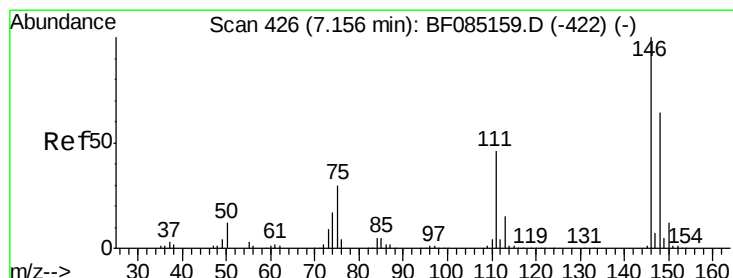
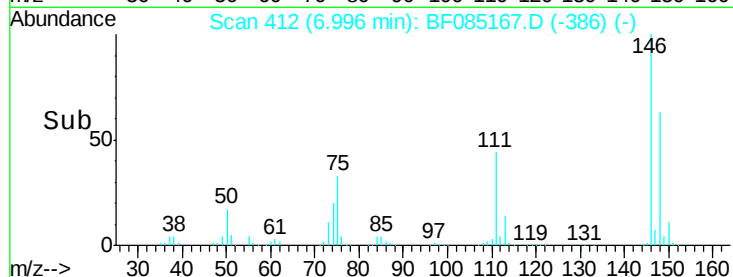
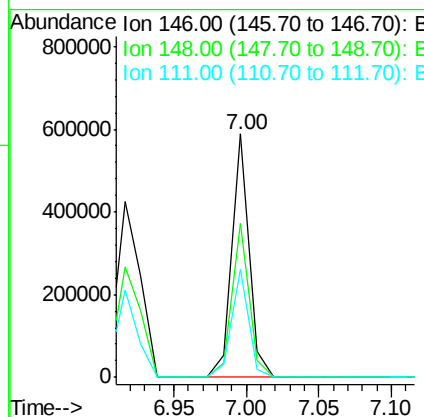
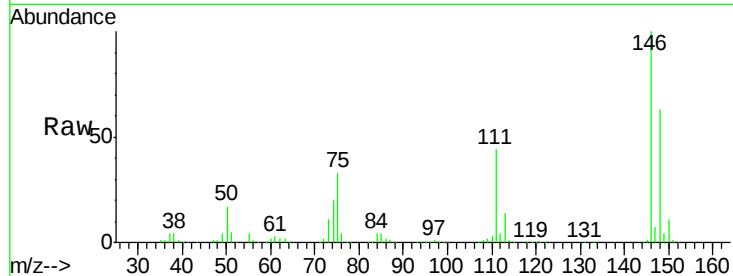
#13
 1,4-Dichlorobenzene
 Concen: 37.66 ng
 RT: 7.00 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB88654BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.5	51.3	76.9
111	44.1	38.4	57.6

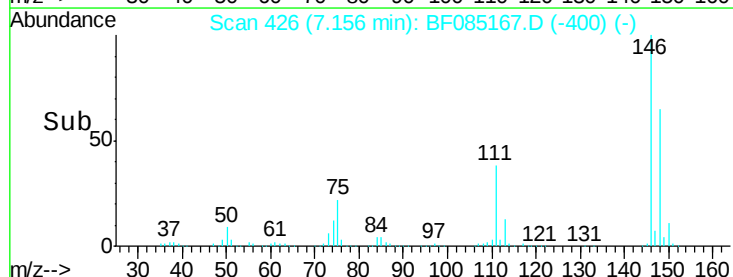
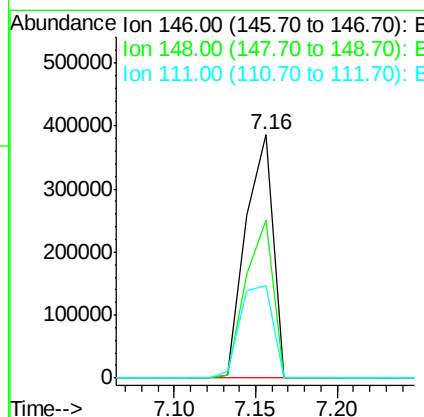
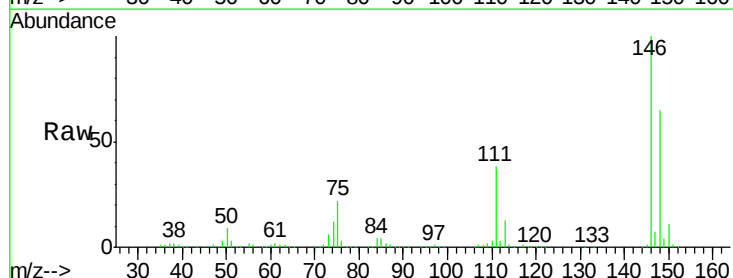
Manual Integrations
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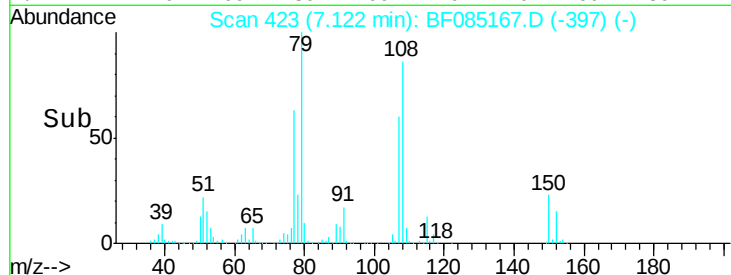
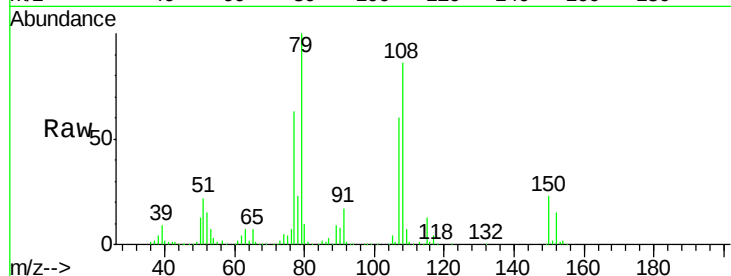
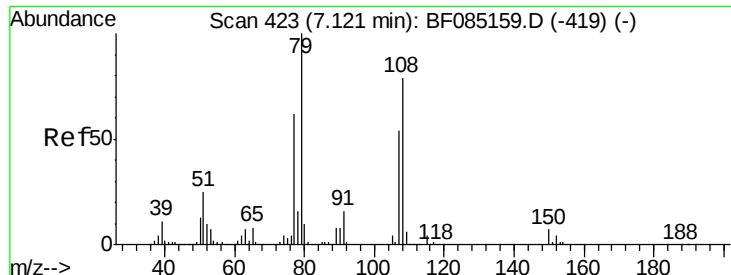
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#14
 1,2-Dichlorobenzene
 Concen: 38.23 ng
 RT: 7.16 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.0	51.4	77.2
111	38.3	36.7	55.1





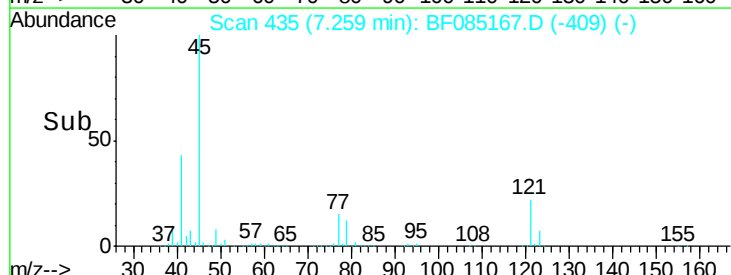
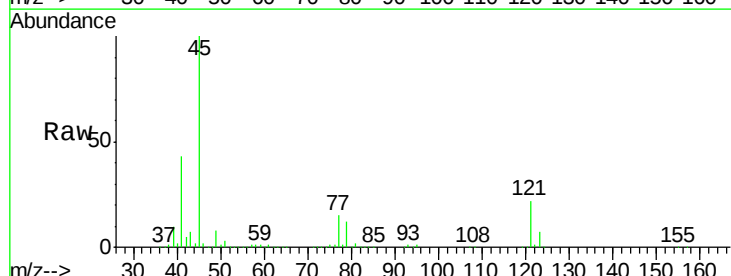
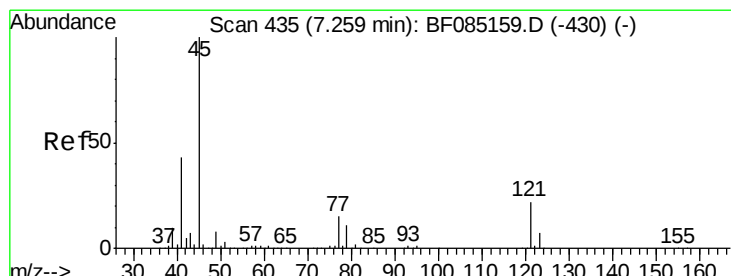
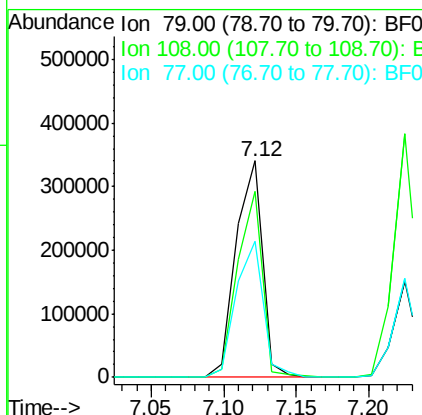
#15
Benzyl Alcohol
Concen: 45.40 ng
RT: 7.12 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Lower	Upper
79	100		
108	85.9	62.9	94.3
77	62.6	49.5	74.3

Instrument :
BNA_F
ClientSampleId :
PB88654BS

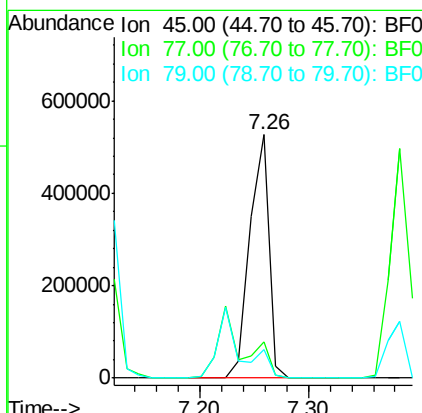
Manual Integrations
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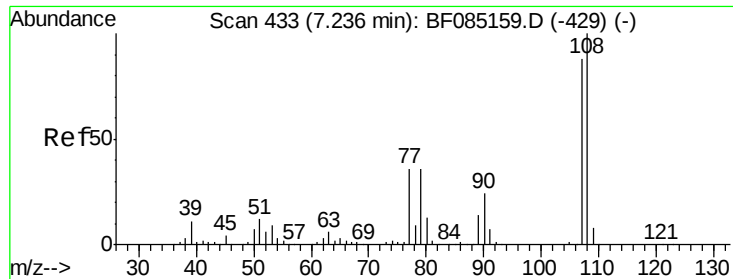
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.76 ng
RT: 7.26 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.1
79	11.7	0.0	31.3





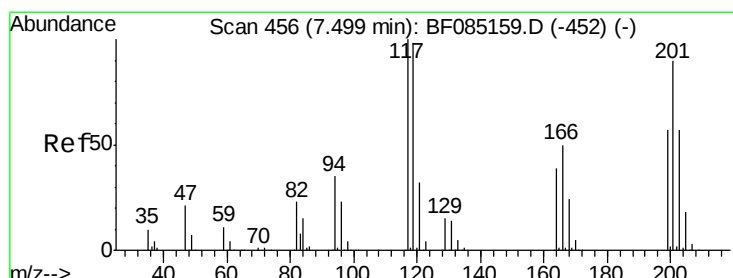
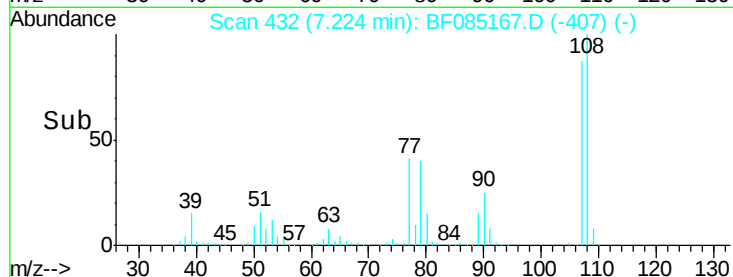
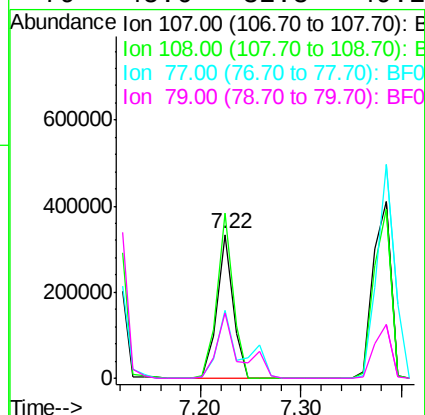
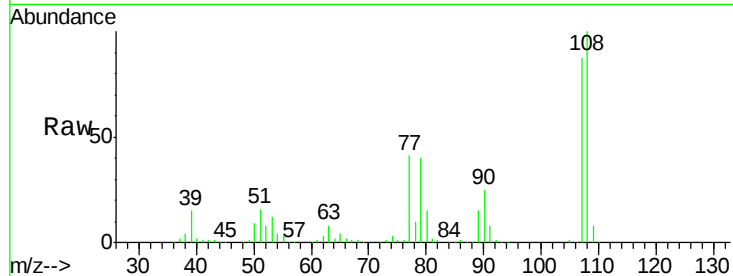
#17
2-Methylphenol
Concen: 38.10 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB88654BS

Tgt Ion:	107	Resp:	372337
Ion Ratio	Lower	Upper	
107	100		
108	114.9	90.9	136.3
77	46.9	32.6	48.8
79	45.6	32.8	49.2

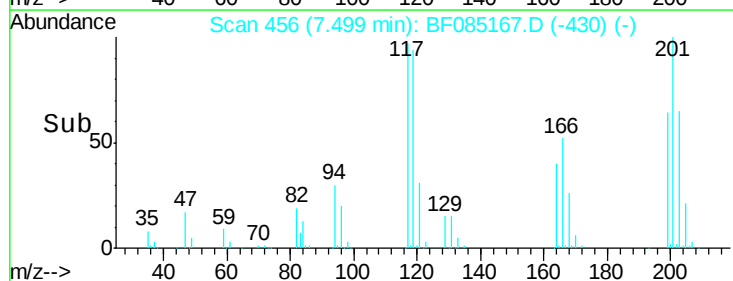
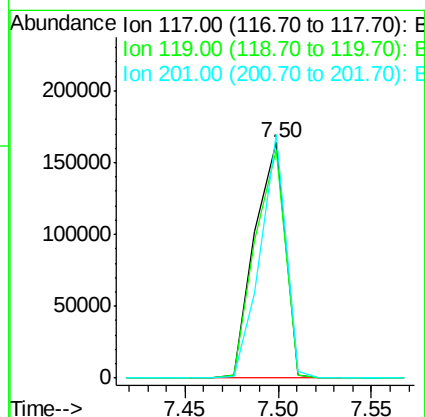
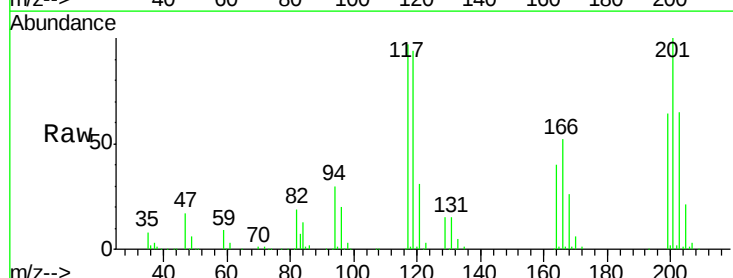
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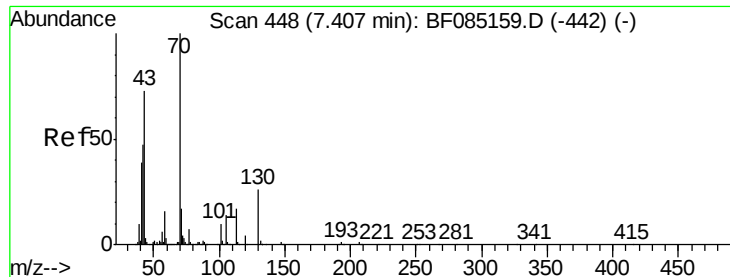
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#18
Hexachloroethane
Concen: 39.02 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion:	117	Resp:	185491
Ion Ratio	Lower	Upper	
117	100		
119	97.1	78.2	117.4
201	103.4	72.0	108.0





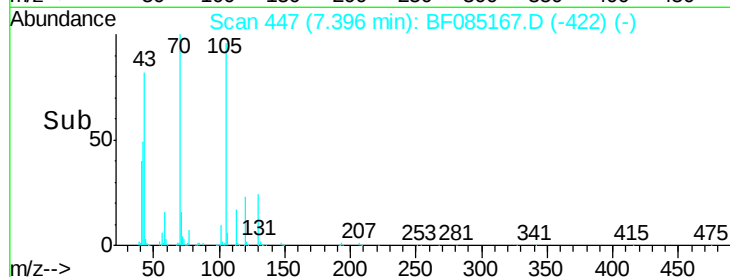
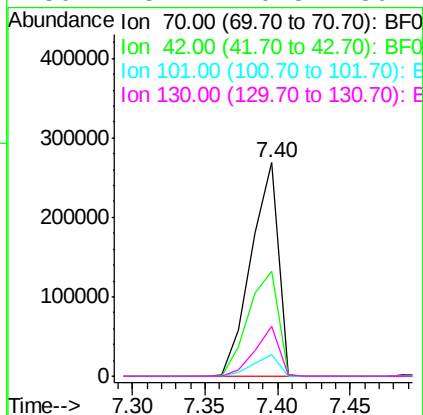
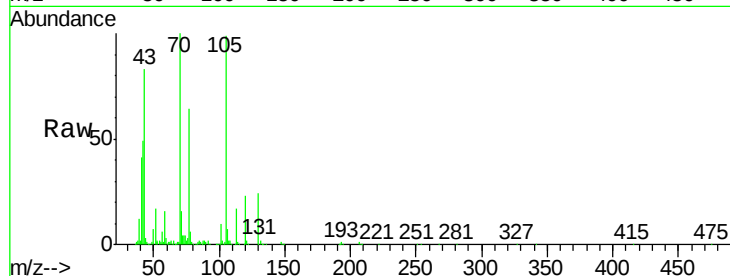
#19
n-Nitroso-di-n-propylamine
Concen: 41.22 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB88654BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.1	37.7	56.5	
101	10.0	8.2	12.4	
130	23.7	20.5	30.7	

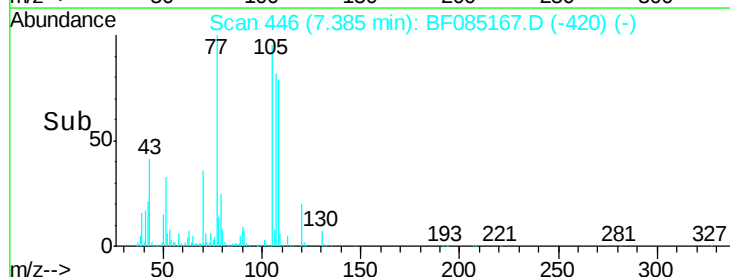
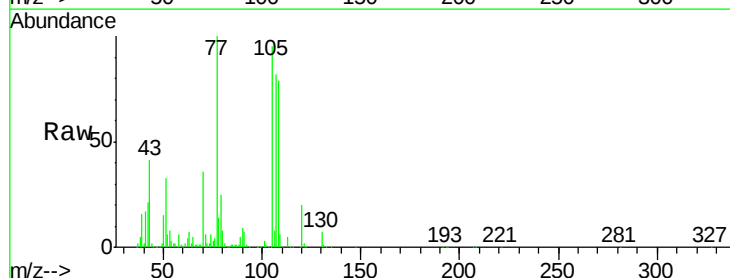
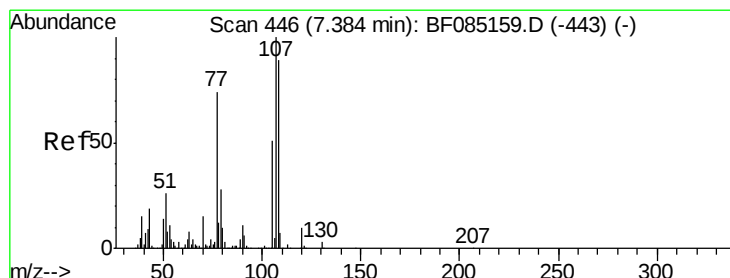
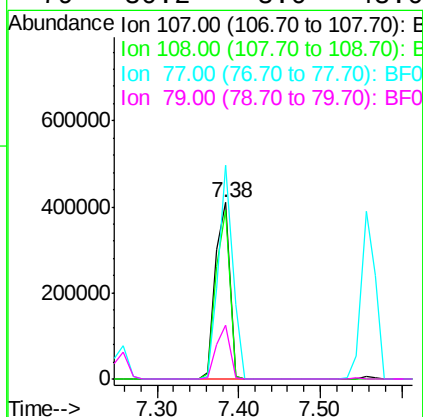
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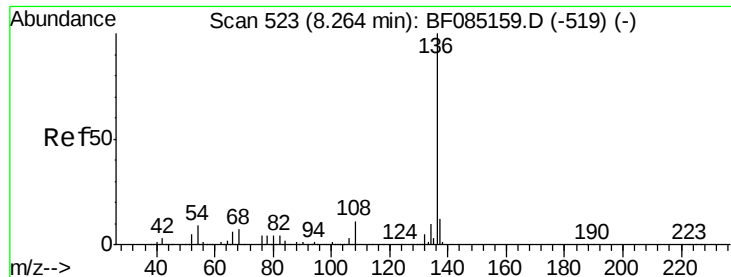
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#20
3+4-Methylphenols
Concen: 43.44 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.8	68.8	108.8	
77	121.3	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: BF085167.D

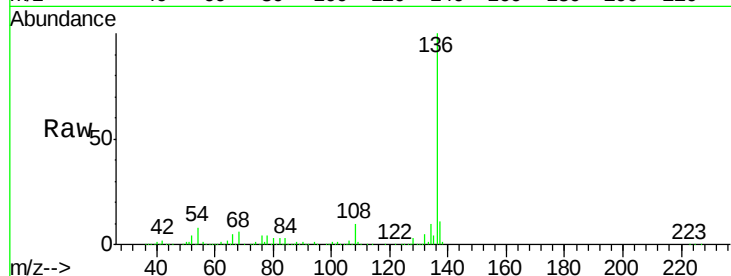
Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

ClientSampleId :

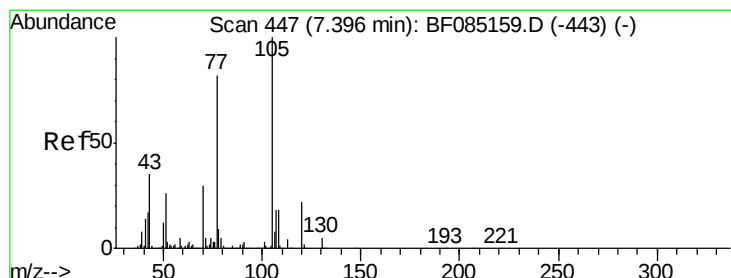
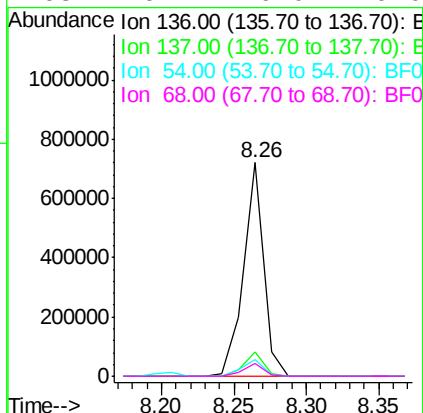
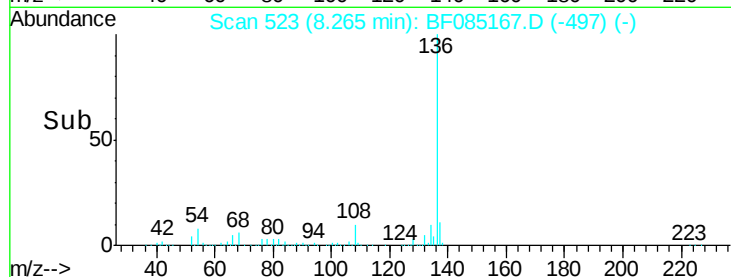
PB88654BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	692909		
137	11.2	9.3	13.9	
54	7.7	7.4	11.2	
68	6.2	6.0	9.0	

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#22

Acetophenone

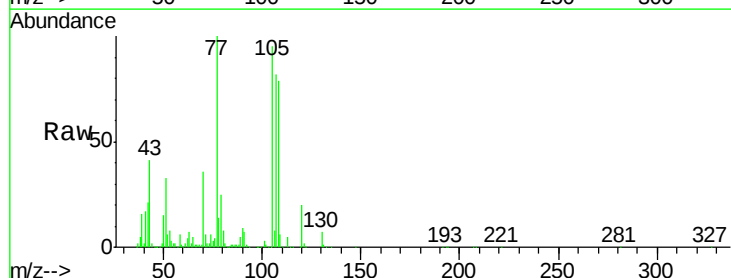
Concen: 35.52 ng

RT: 7.38 min Scan# 446

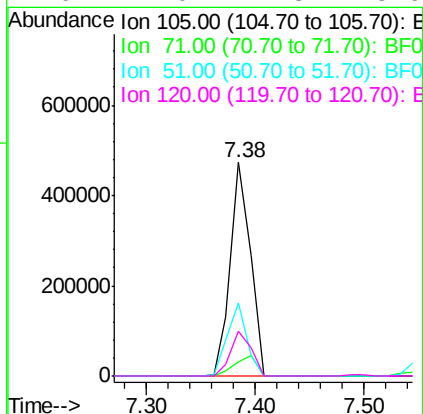
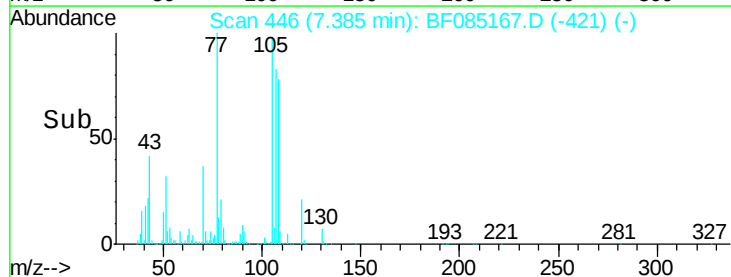
Delta R.T. -0.01 min

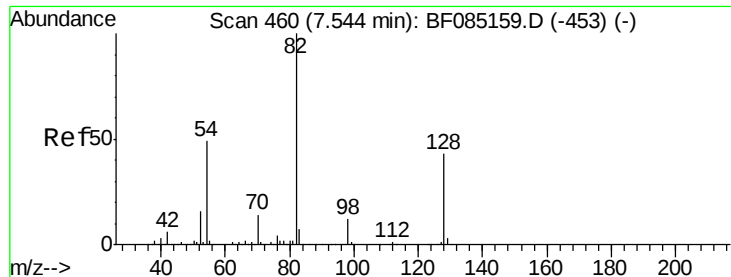
Lab File: BF085167.D

Acq: 3 Mar 2016 20:20



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	600781		
71	6.5	4.1	6.1#	
51	34.2	21.1	31.7#	
120	21.0	17.3	25.9	





#23

Nitrobenzene-d5

Concen: 82.23 ng

RT: 7.54 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

ClientSampleId :

PB88654BS

Tgt Ion: 82 Resp: 1064745

Ion Ratio Lower Upper

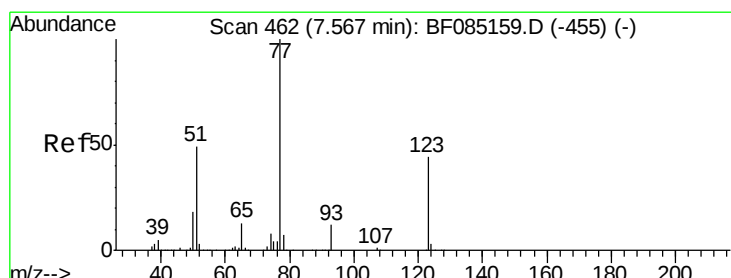
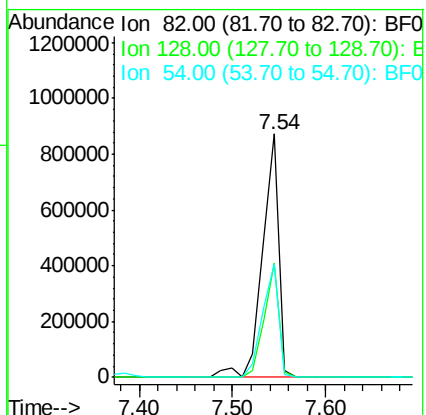
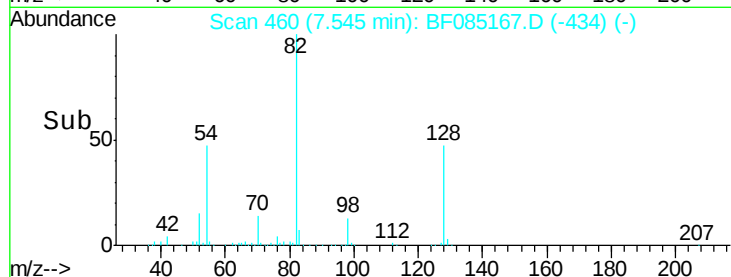
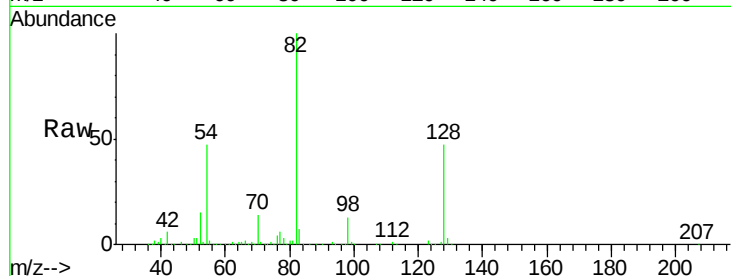
82 100

128 46.8 34.5 51.7

54 46.6 39.3 58.9

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#24

Nitrobenzene

Concen: 36.10 ng

RT: 7.56 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

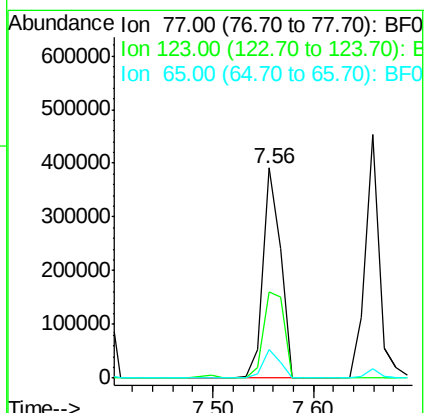
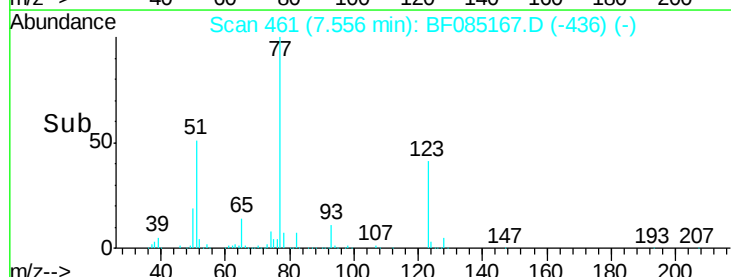
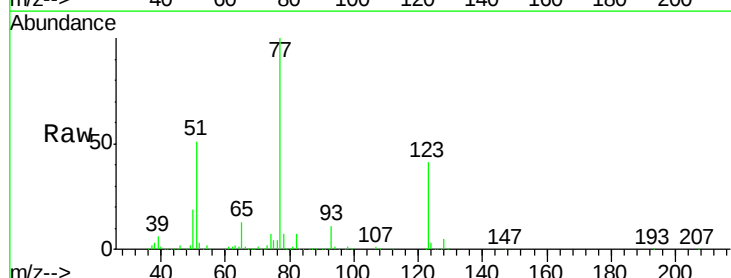
Tgt Ion: 77 Resp: 474820

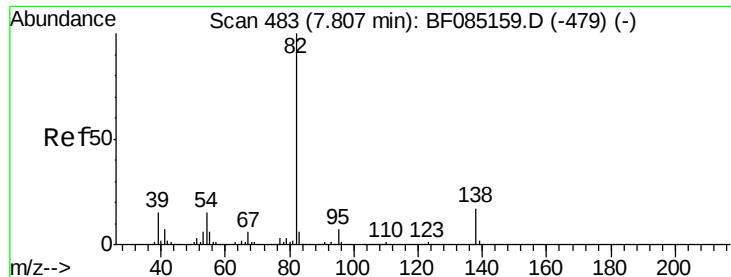
Ion Ratio Lower Upper

77 100

123 41.3 35.4 53.2

65 13.4 10.6 16.0





#25

Isophorone

Concen: 38.07 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085167.D

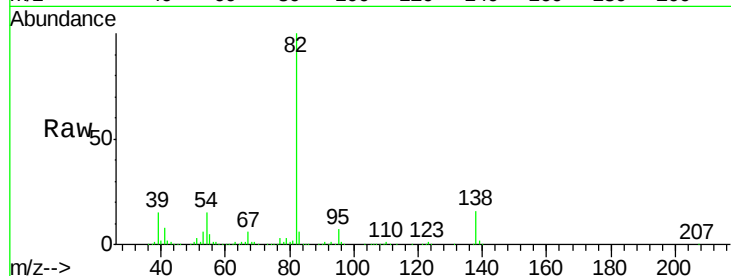
Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

ClientSampleId :

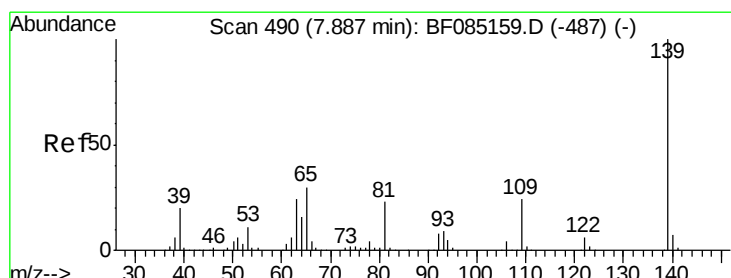
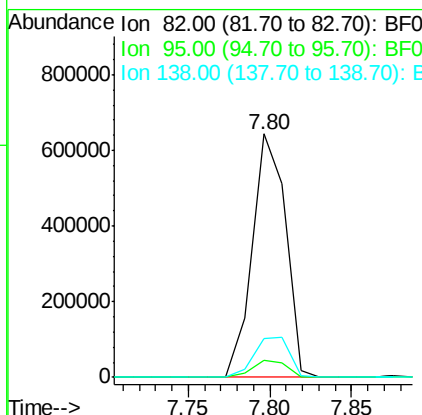
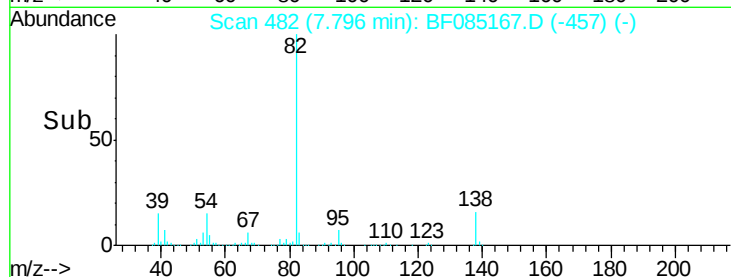
PB88654BS



Tgt Ion:	82	Resp:	913447
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	15.7	13.3	19.9

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#26

2-Nitrophenol

Concen: 36.46 ng

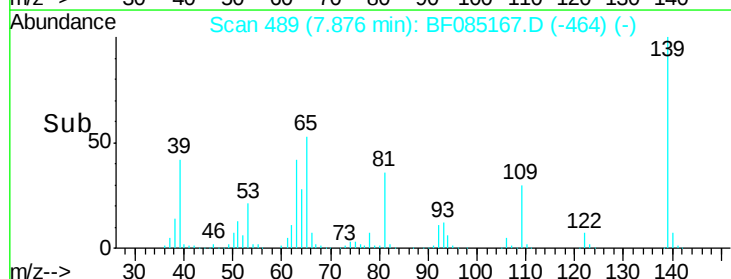
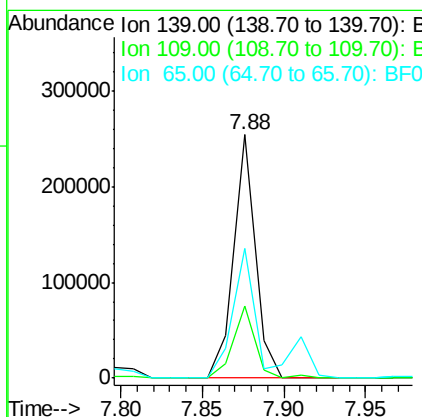
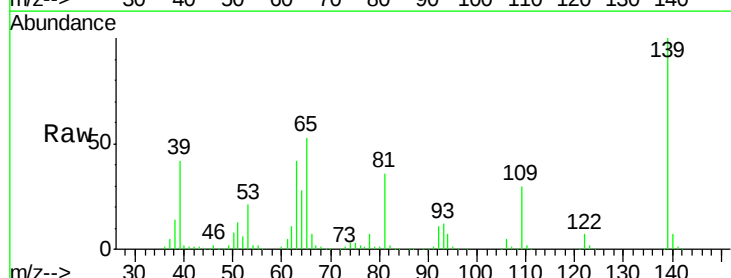
RT: 7.88 min Scan# 489

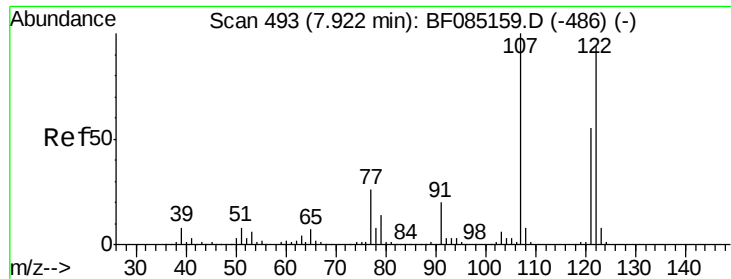
Delta R.T. -0.01 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion:	139	Resp:	233370
Ion Ratio	Lower	Upper	
139	100		
109	29.7	19.1	28.7#
65	53.2	23.9	35.9#





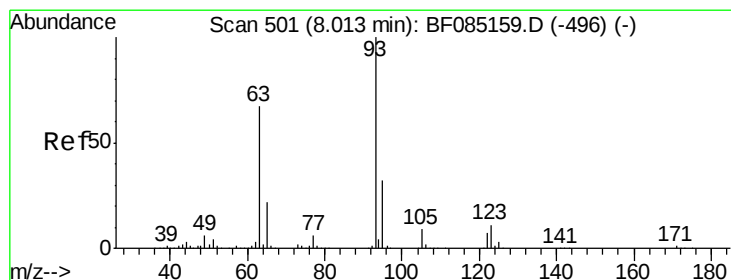
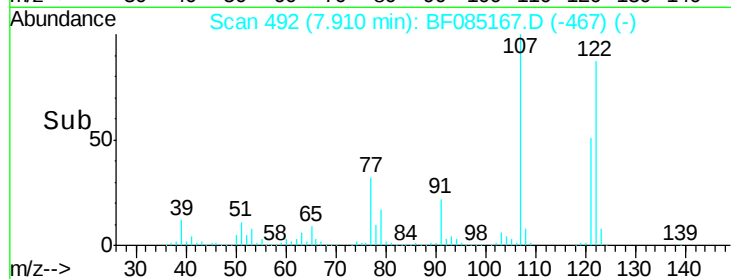
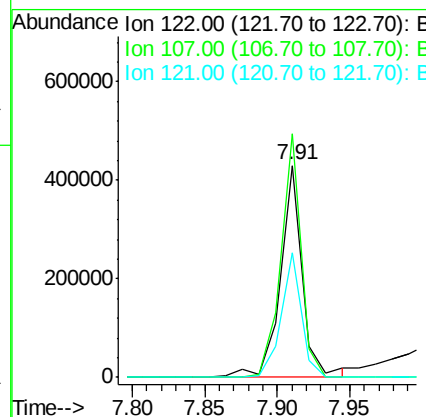
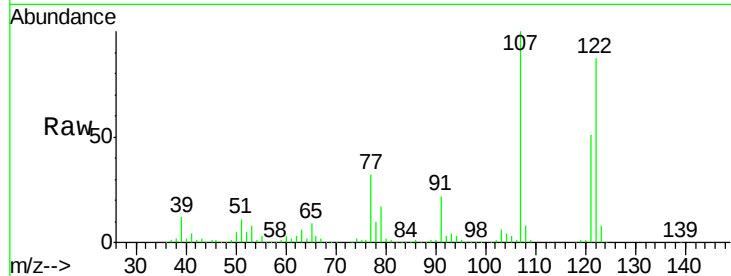
#27
2,4-Dimethylphenol
Concen: 38.57 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB88654BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	451250		
107	114.8	84.8	127.2	
121	58.7	47.0	70.6	

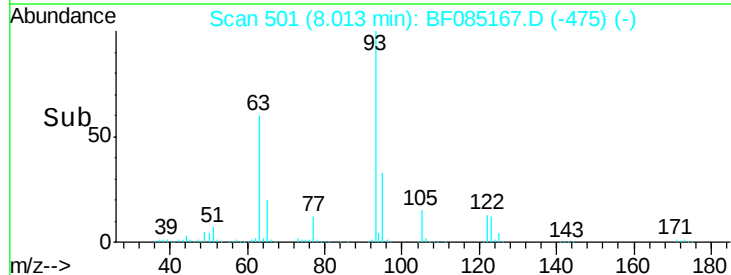
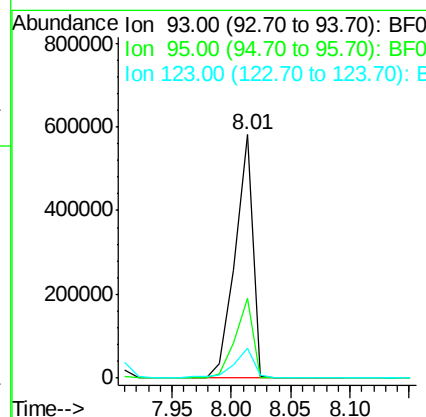
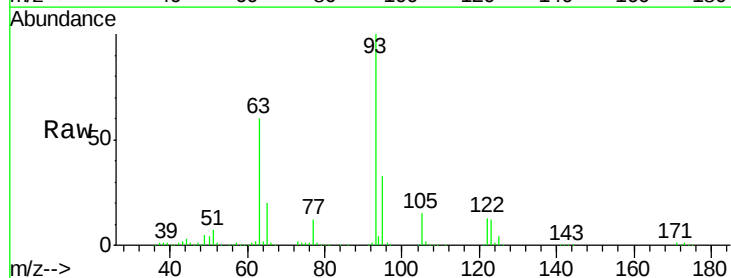
Manual Integrations
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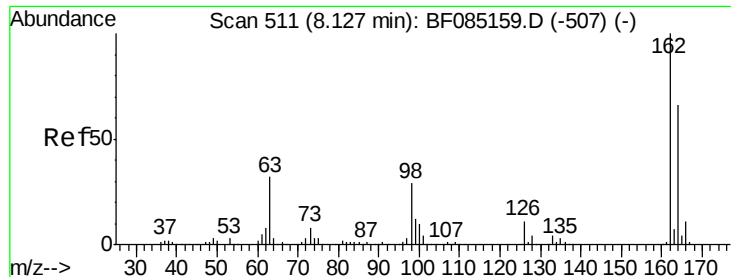
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#28
bis(2-Chloroethoxy)methane
Concen: 45.20 ng
RT: 8.01 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	604098		
95	32.6	25.9	38.9	
123	12.2	8.8	13.2	





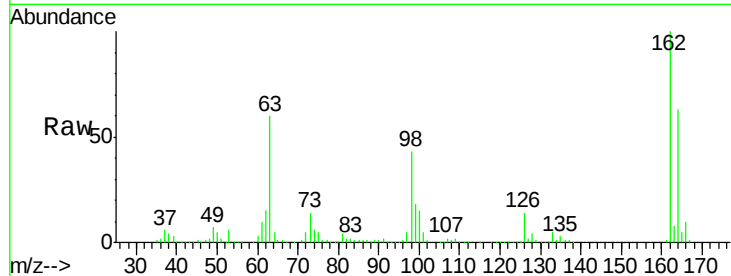
#29
2,4-Dichlorophenol
Concen: 39.32 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB88654BS

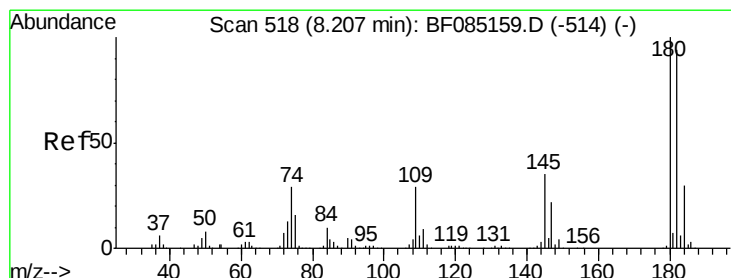
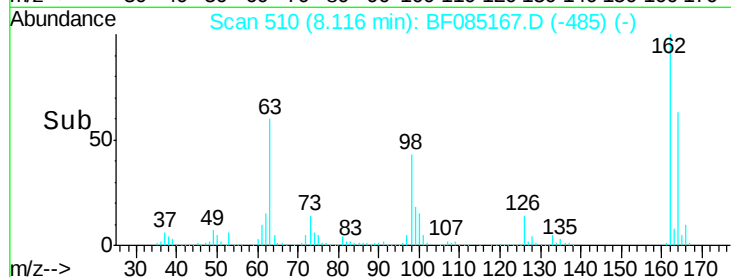
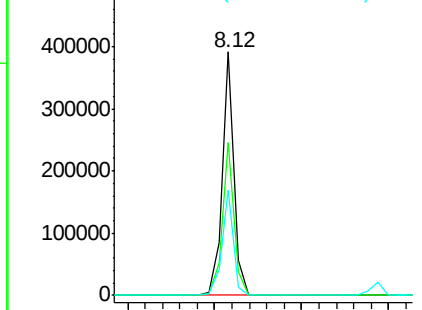
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.6	45.7	85.7
98	43.3	9.4	49.4

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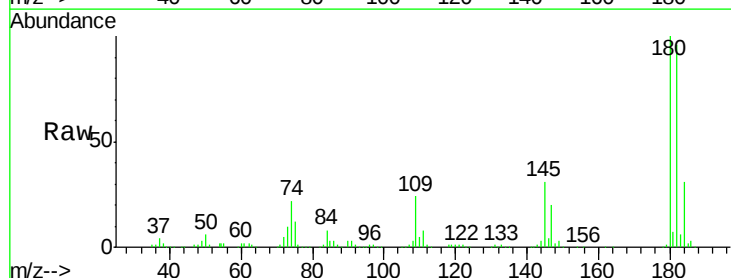


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

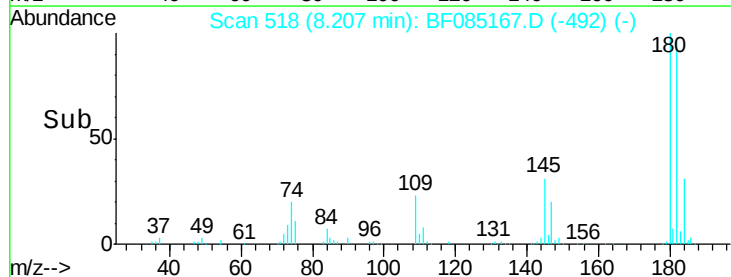
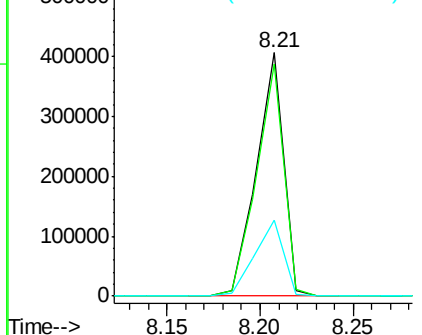


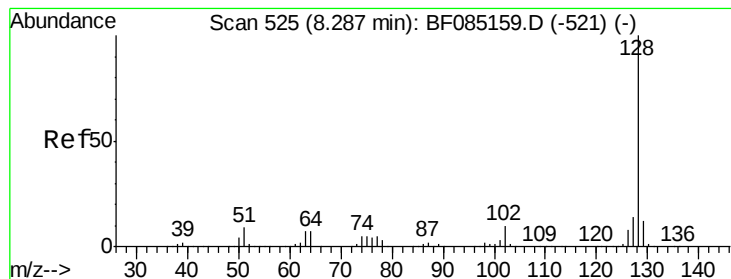
#30
1,2,4-Trichlorobenzene
Concen: 40.15 ng
RT: 8.21 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	74.9	112.3
145	31.3	27.9	41.9



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





#31

Naphthalene

Concen: 39.93 ng

RT: 8.29 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF085167.D

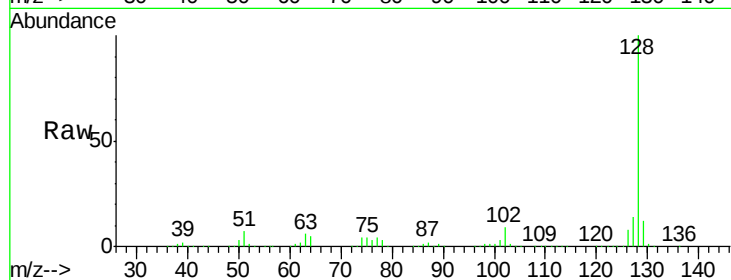
Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

ClientSampleId :

PB88654BS



Tgt Ion:128 Resp: 1360498

Ion Ratio Lower Upper

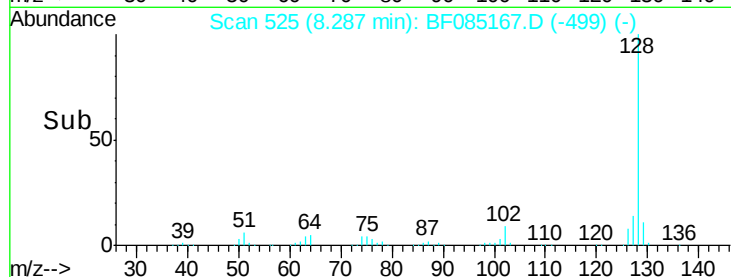
128 100

129 11.5 9.7 14.5

127 13.7 11.2 16.8

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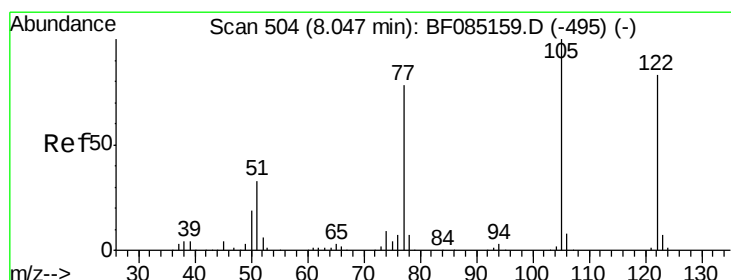
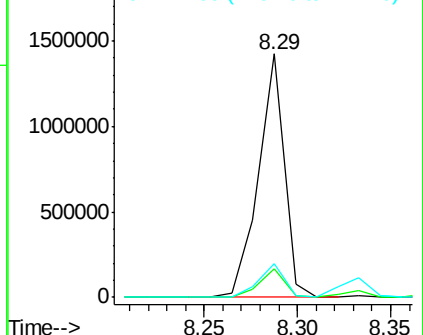
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.95 ng

RT: 8.02 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

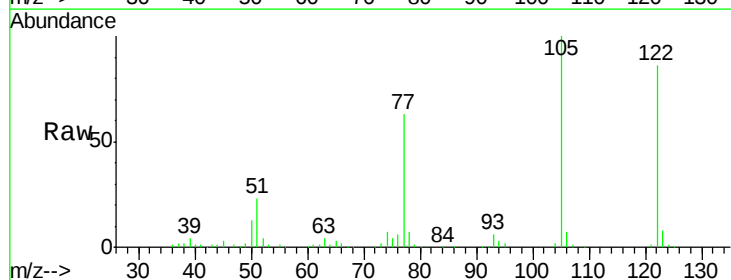
Tgt Ion:122 Resp: 248249

Ion Ratio Lower Upper

122 100

105 115.7 101.3 141.3

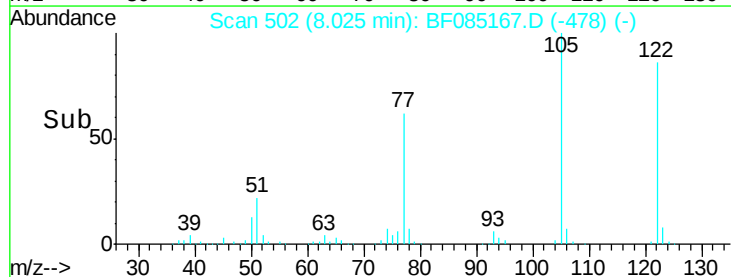
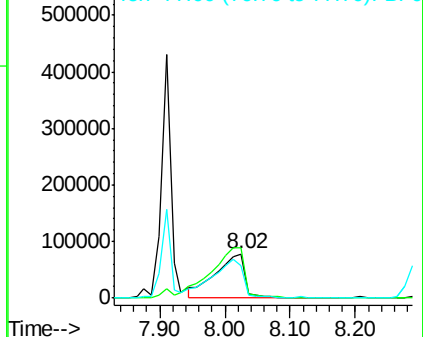
77 73.1 74.7 114.7#

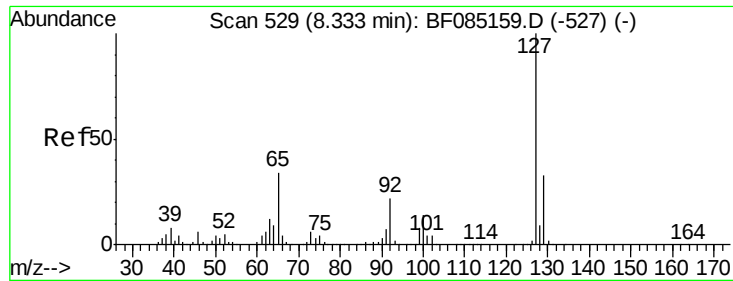


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





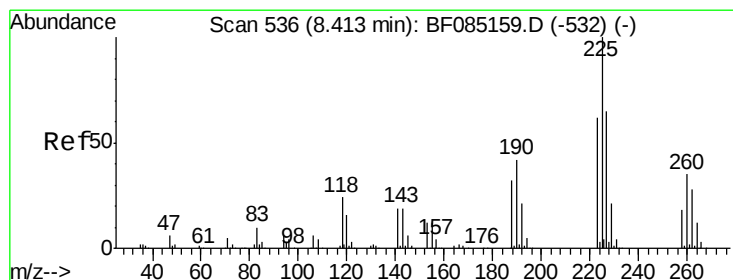
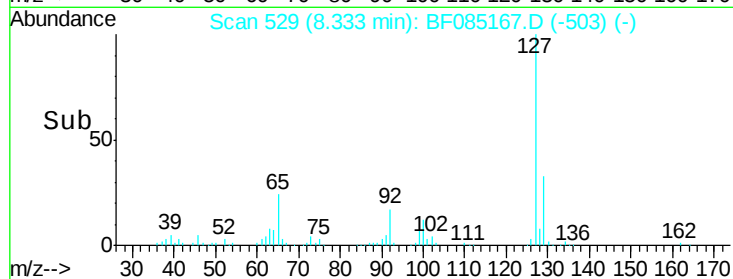
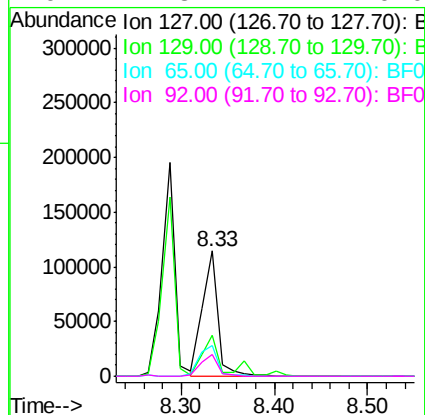
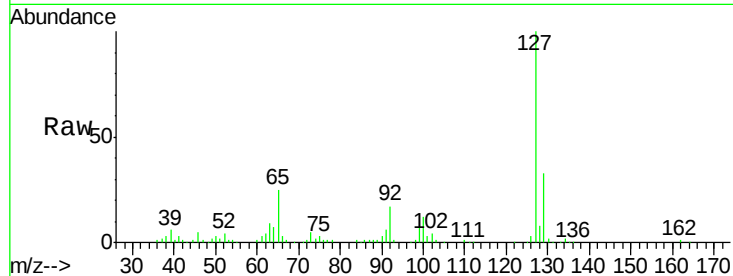
#33
4-Chloroaniline
Concen: 9.76 ng
RT: 8.33 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB88654BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	134481		
129	33.2	26.1	39.1	
65	25.0	27.0	40.6	
92	17.3	17.4	26.0	

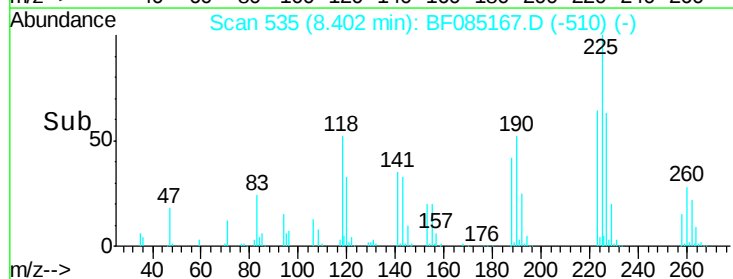
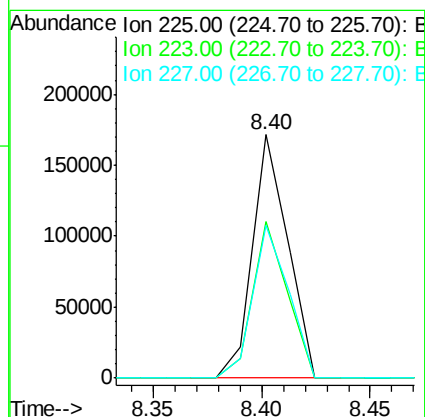
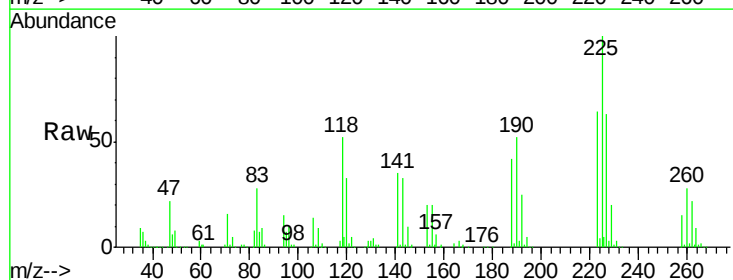
Manual Integrations
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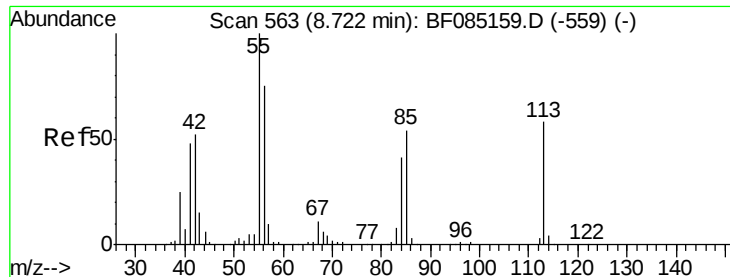
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#34
Hexachlorobutadiene
Concen: 36.41 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	193246		
223	64.2	49.7	74.5	
227	62.5	52.2	78.4	





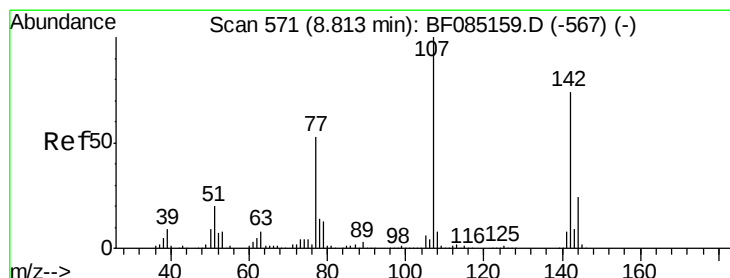
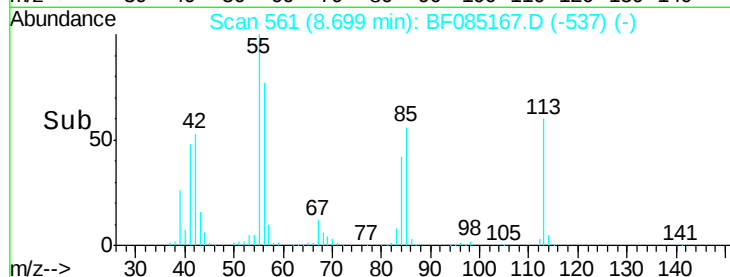
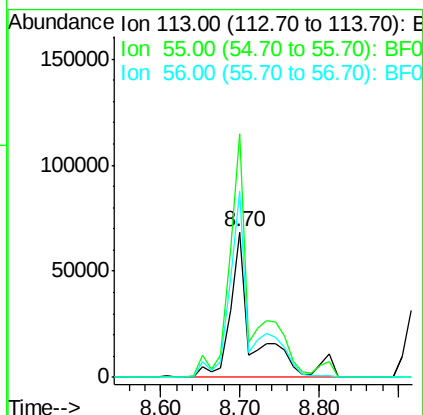
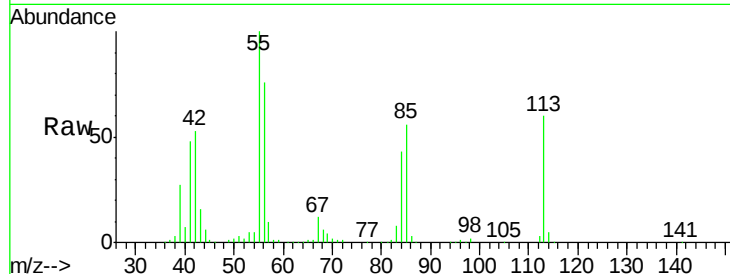
#35
 Caprolactam
 Concen: 45.93 ng m
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB88654BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	167.2	152.7	192.7
56	127.6	109.0	149.0

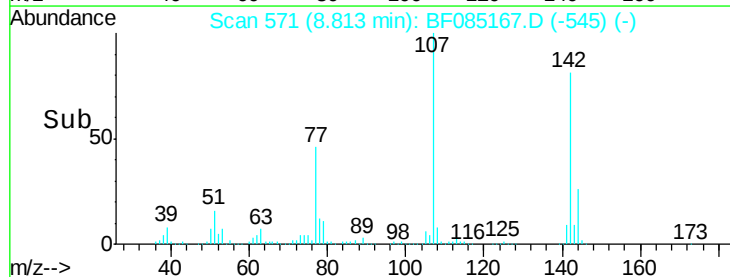
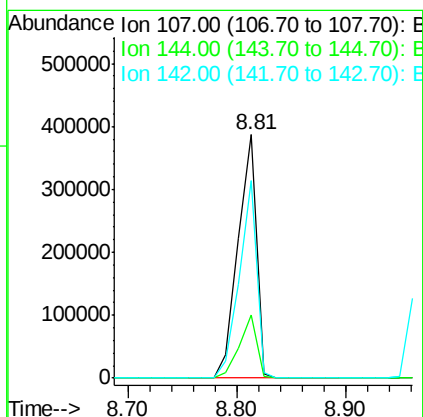
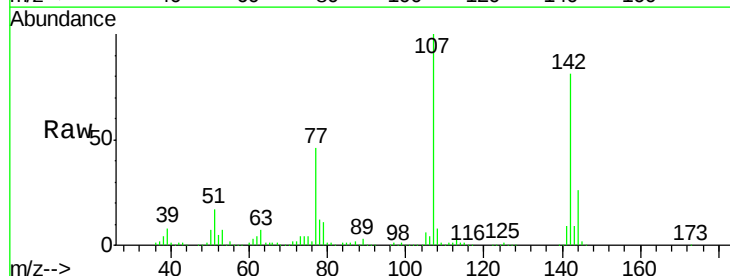
Manual Integrations
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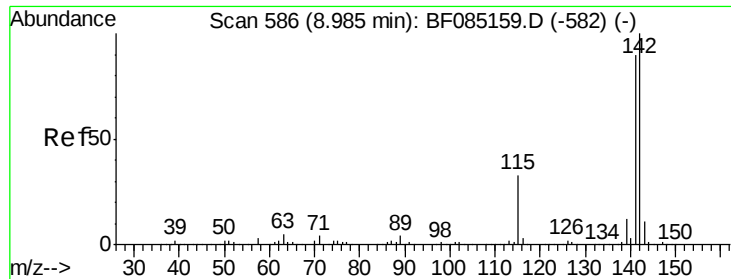
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#36
 4-Chloro-3-methylphenol
 Concen: 42.21 ng
 RT: 8.81 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	19.4	29.2
142	81.1	59.4	89.2





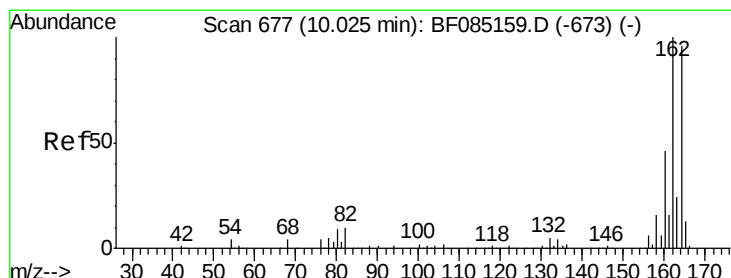
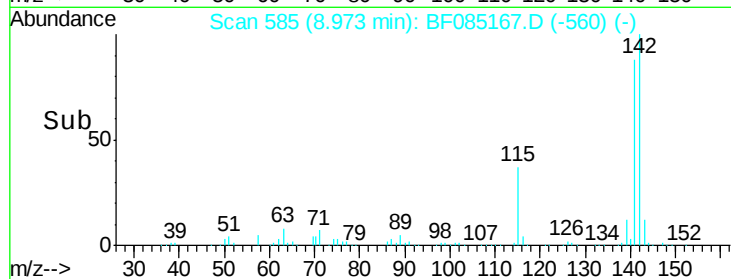
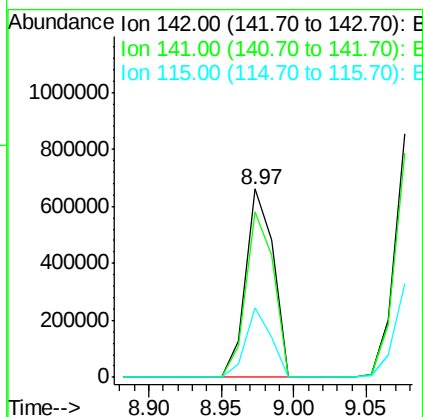
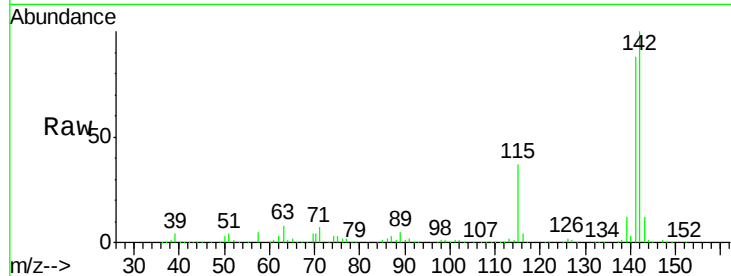
#37
2-Methylnaphthalene
Concen: 40.06 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB88654BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5
115	37.2	26.2	39.4

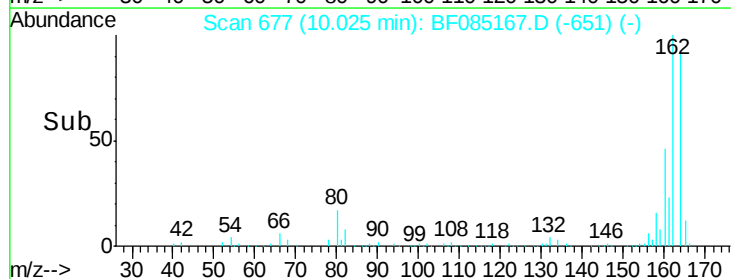
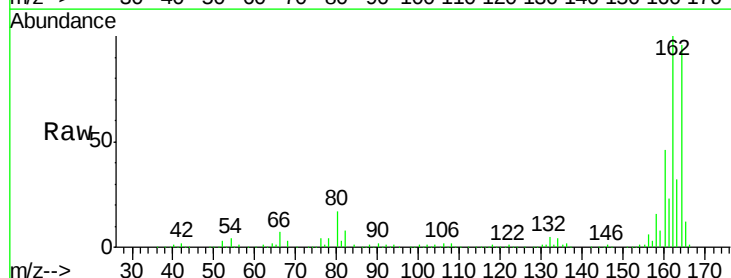
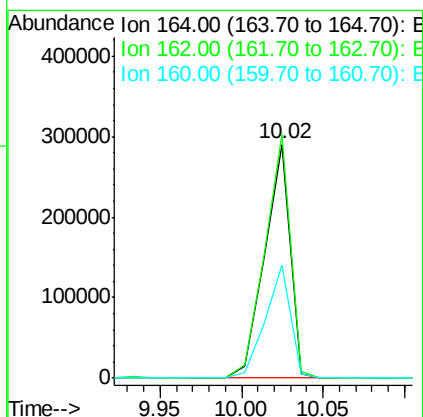
Manual Integrations
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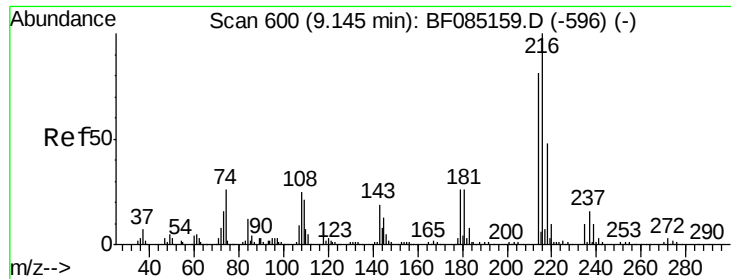
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.3	124.9
160	48.2	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.92 ng

RT: 9.14 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF085167.D

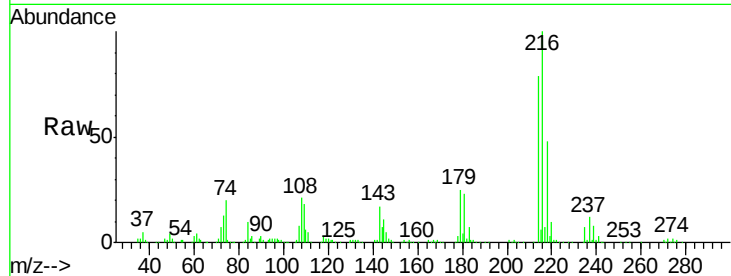
Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

ClientSampleId :

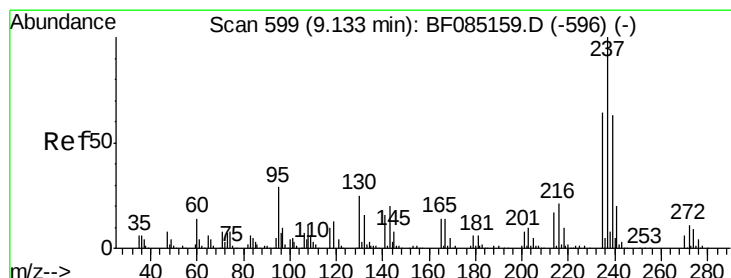
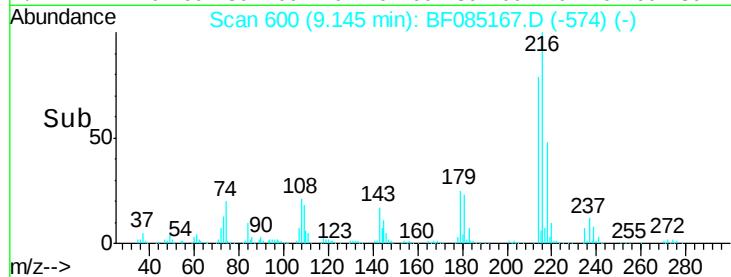
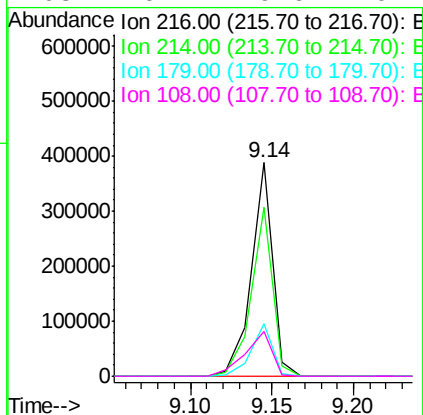
PB88654BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	24.3	19.6	29.4
108	26.4	19.6	29.4

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 83.96 ng

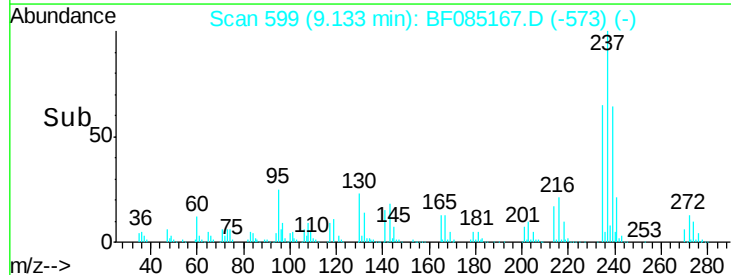
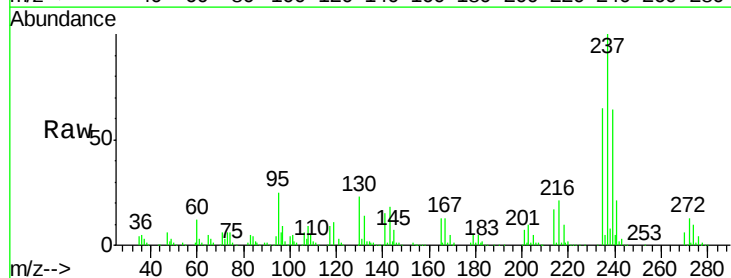
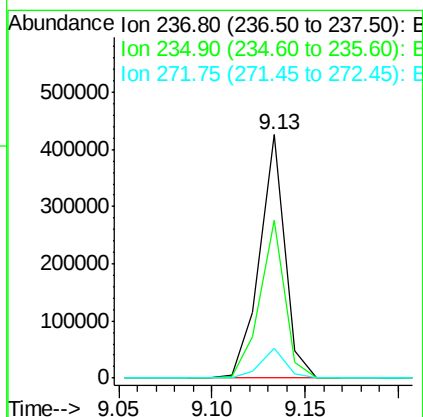
RT: 9.13 min Scan# 599

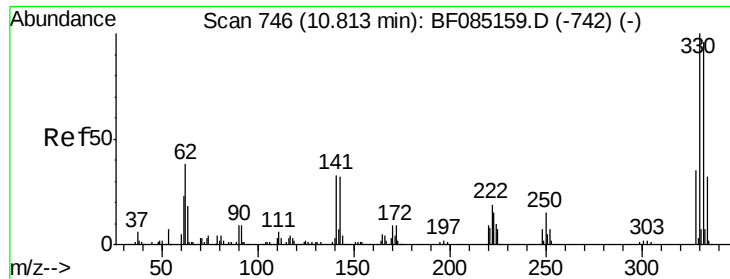
Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.9	43.7	83.7
272	12.5	0.0	31.5





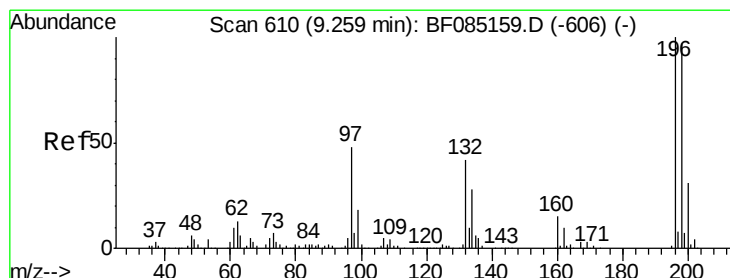
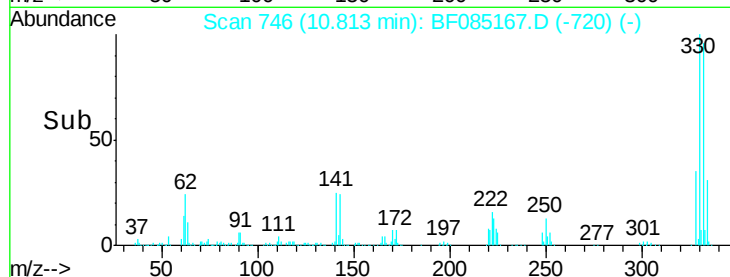
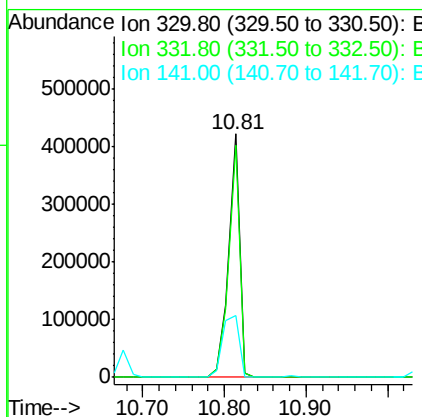
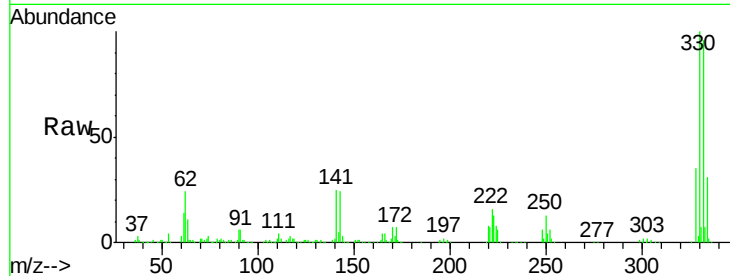
#41
 2,4,6-Tribromophenol
 Concen: 145.46 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB88654BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	392404		
332	95.5	77.1	115.7	
141	38.9	35.0	52.6	

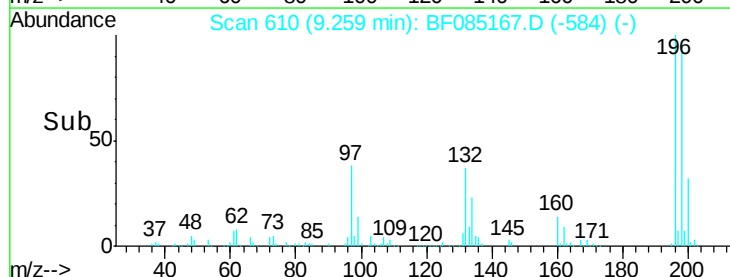
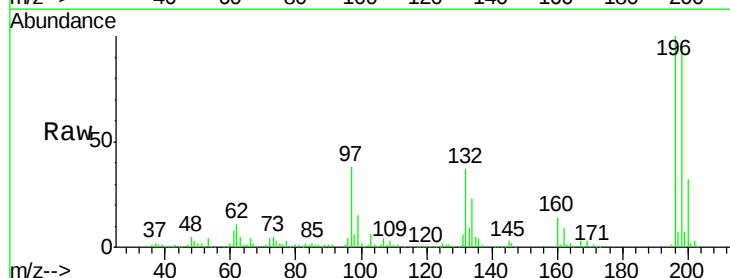
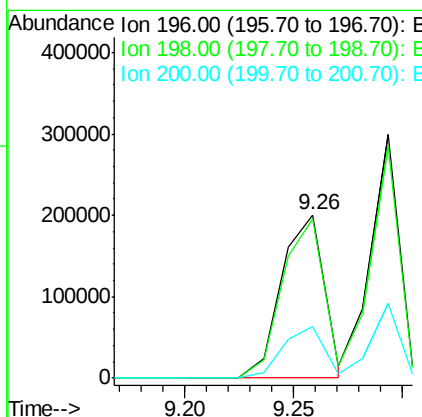
Manual Integrations
 APPROVED

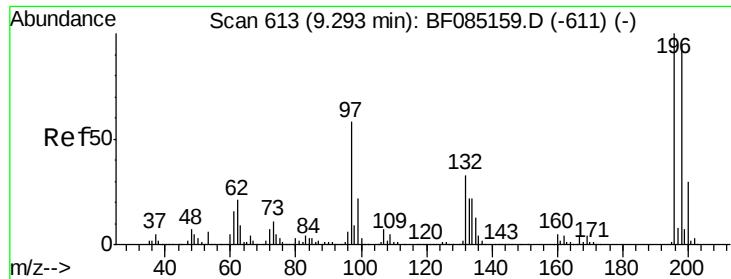
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#42
 2,4,6-Trichlorophenol
 Concen: 40.95 ng
 RT: 9.26 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

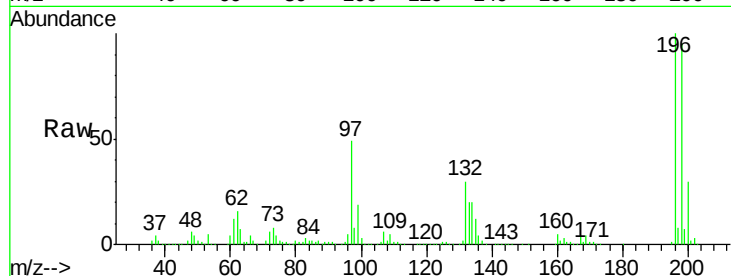
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274821		
198	97.5	77.8	116.6	
200	31.7	25.0	37.6	





#43
2,4,5-Trichlorophenol
Concen: 43.58 ng
RT: 9.29 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

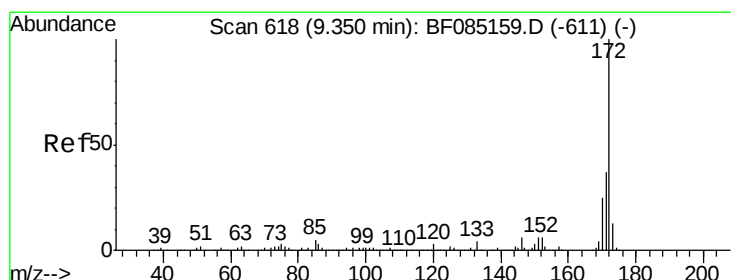
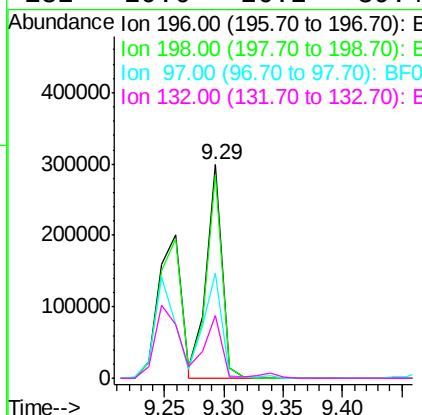
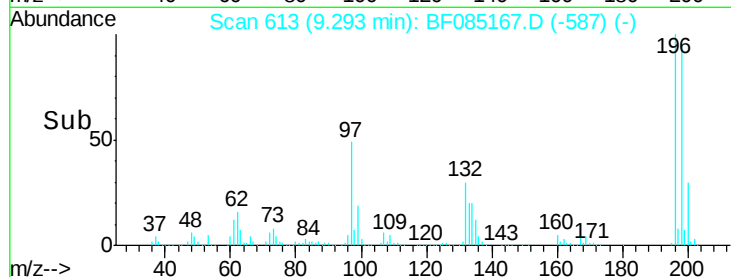
Instrument :
BNA_F
ClientSampleId :
PB88654BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	277317		
198	95.1	75.7	113.5	
97	49.1	46.4	69.6	
132	29.6	26.2	39.4	

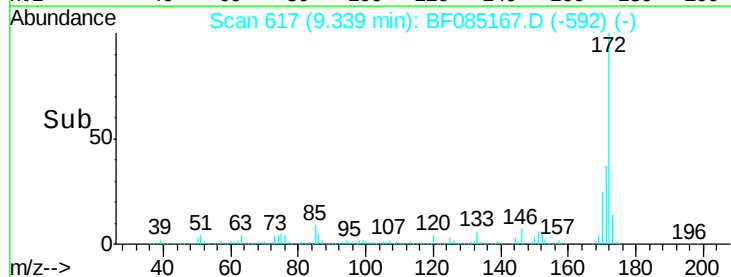
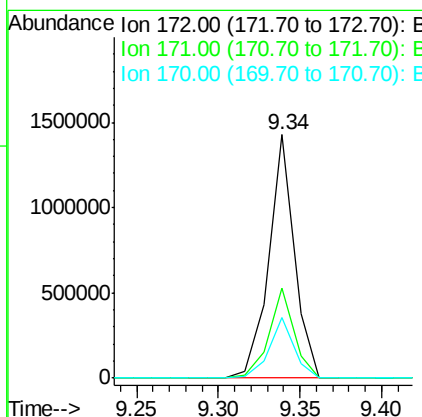
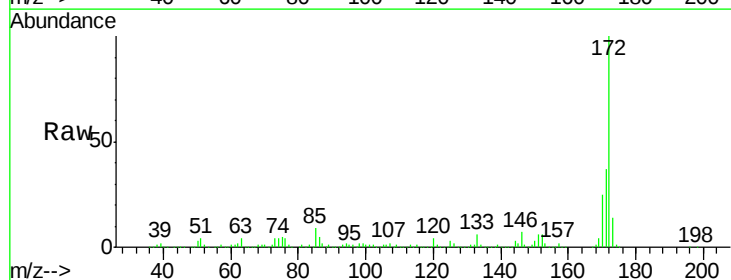
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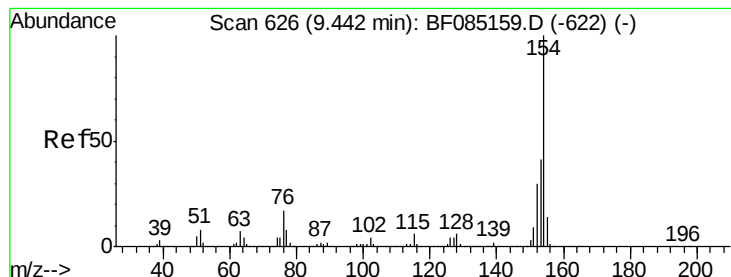
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#44
2-Fluorobiphenyl
Concen: 75.24 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1559711		
171	36.8	29.3	43.9	
170	24.9	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 38.04 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

ClientSampleId :

PB88654BS

Tgt Ion:154 Resp: 1024467

Ion Ratio Lower Upper

154 100

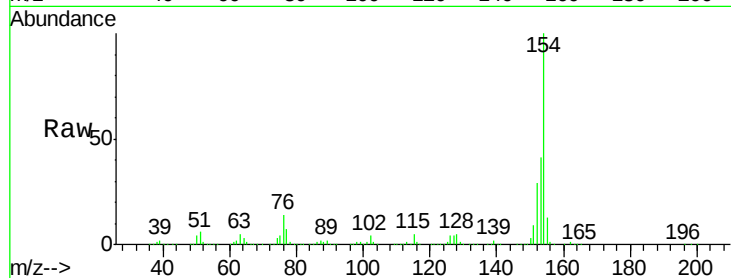
153 40.8 21.4 61.4

76 14.4 0.0 37.5

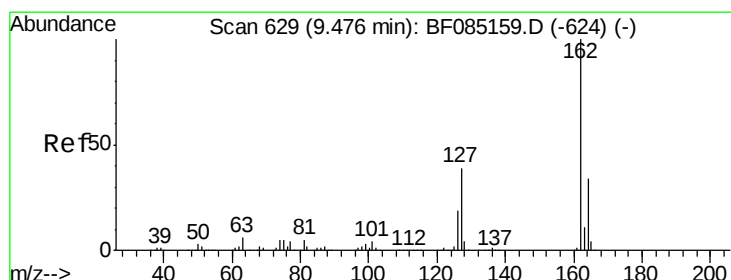
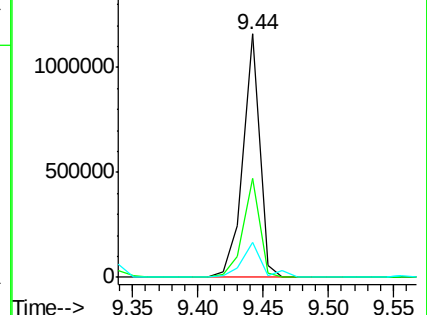
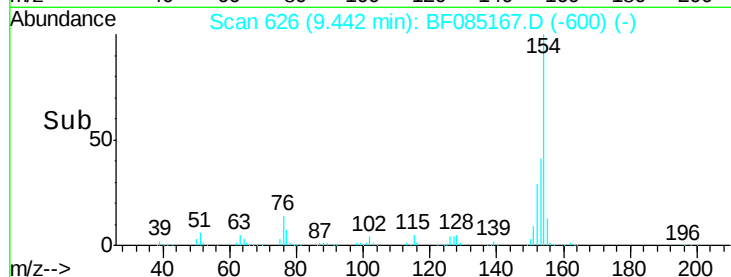
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.60 ng

RT: 9.46 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

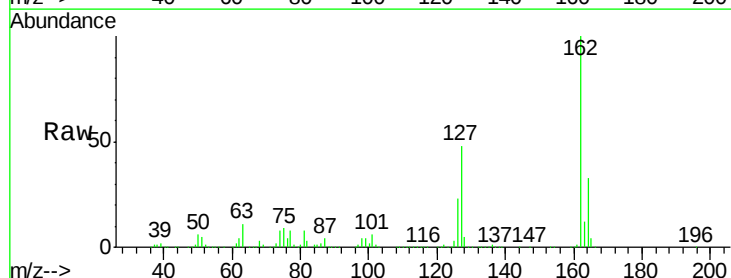
Tgt Ion:162 Resp: 751494

Ion Ratio Lower Upper

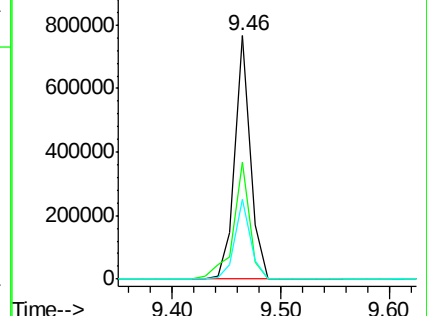
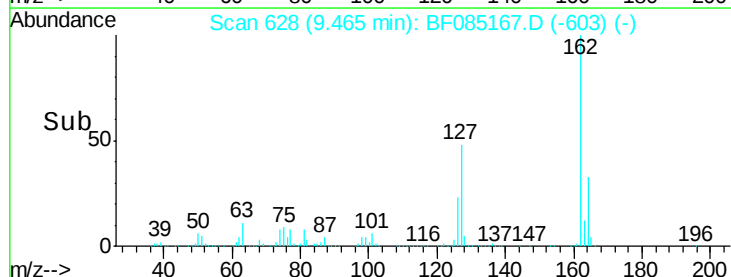
162 100

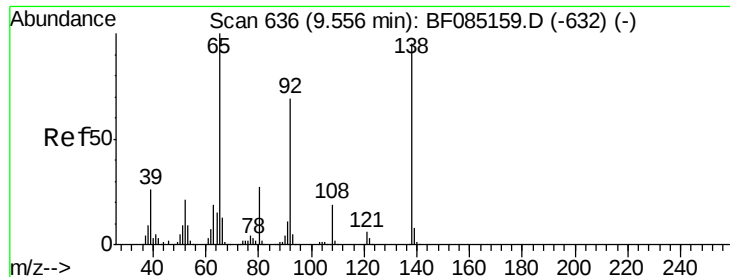
127 47.9 31.6 47.4#

164 32.7 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: 38.81 ng

RT: 9.56 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

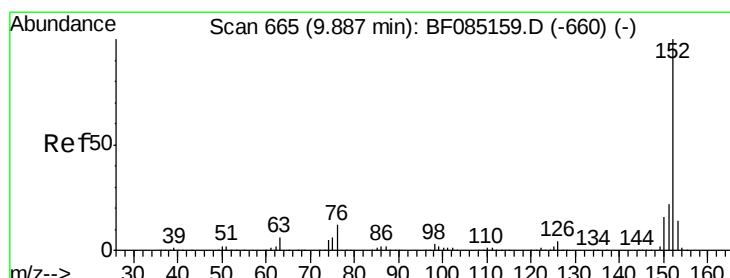
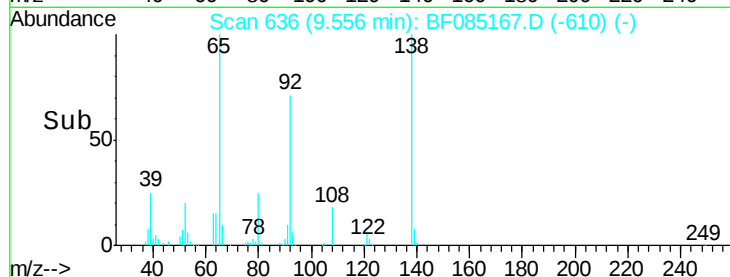
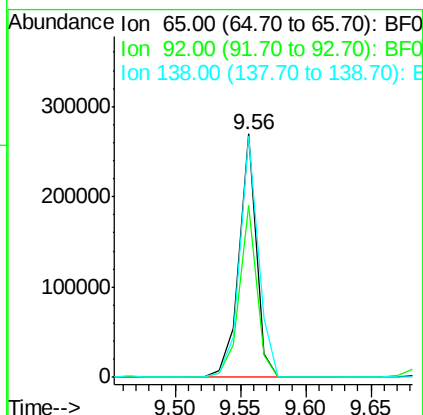
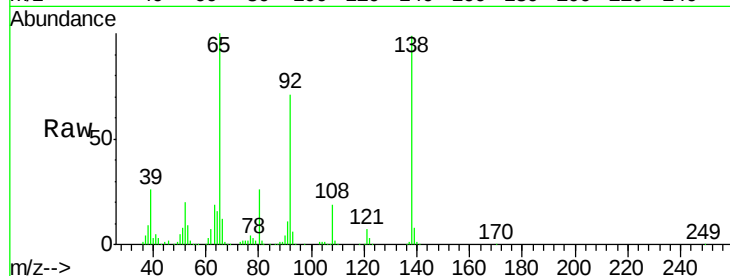
ClientSampleId :

PB88654BS

Tgt Ion:	65	Resp:	246944
Ion Ratio	Lower	Upper	
65	100		
92	70.7	55.4	83.2
138	99.2	75.7	113.5

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#48

Acenaphthylene

Concen: 41.93 ng

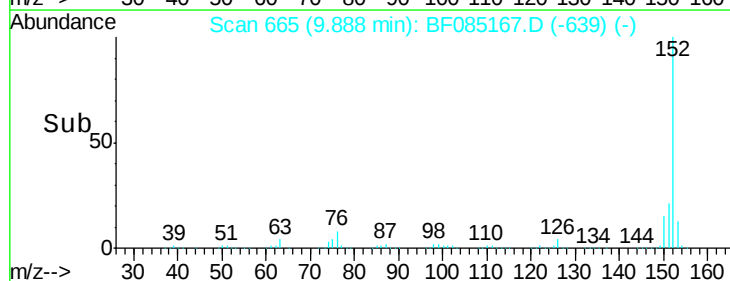
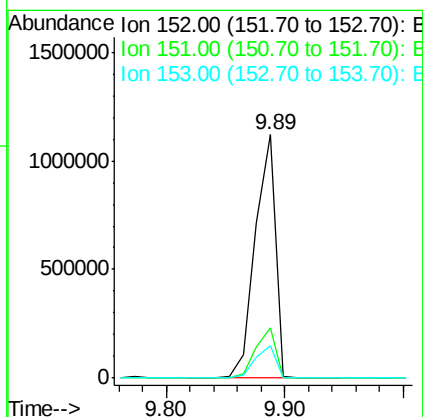
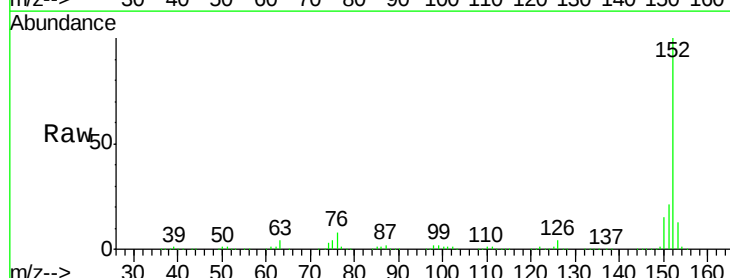
RT: 9.89 min Scan# 665

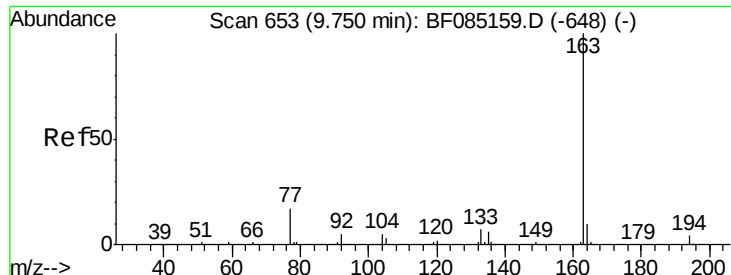
Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion:	152	Resp:	1339747
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.5	26.3
153	13.3	11.3	16.9





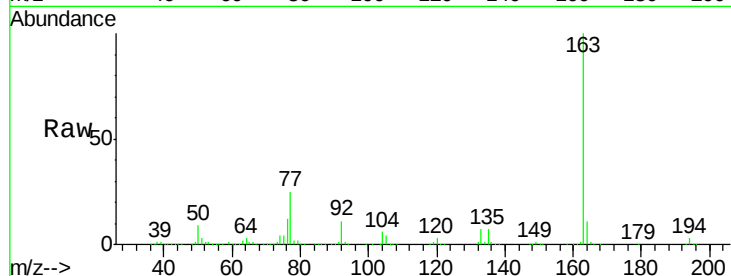
#49
Dimethylphthalate
Concen: 36.64 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB88654BS

Tgt	Ion	Ratio	Resp	Lower	Upper
163	100		886609		
194	3.4		3.1	4.7	
164	10.6		8.2	12.4	

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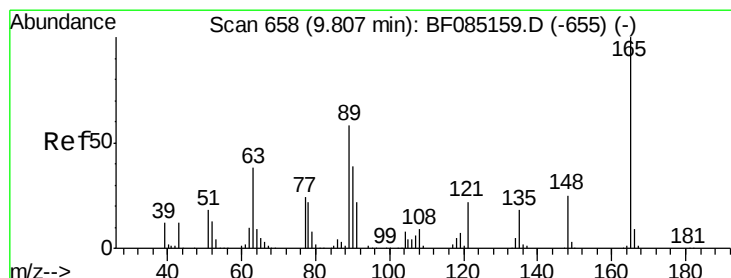
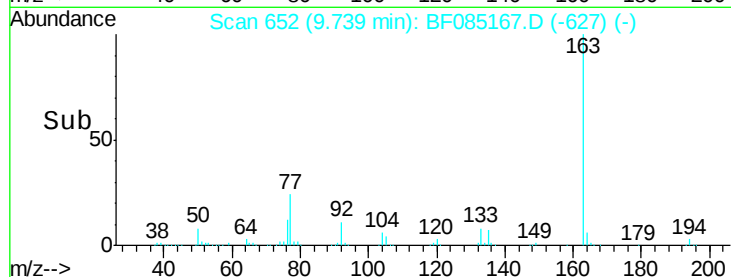
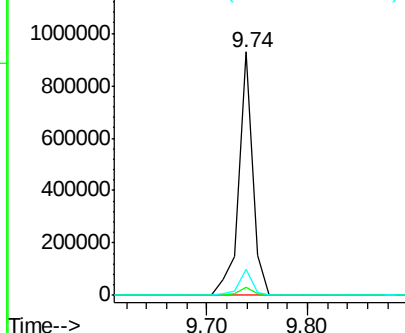


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 37.98 ng
RT: 9.80 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

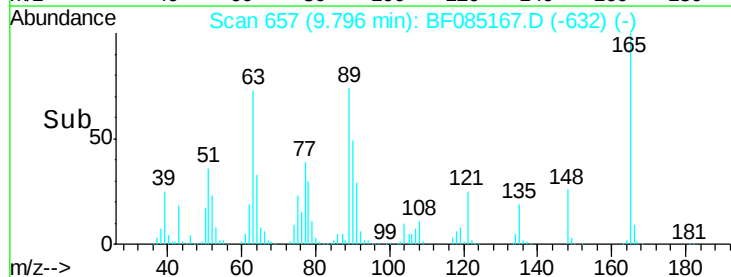
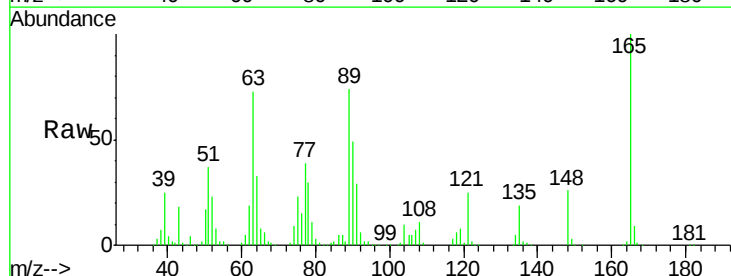
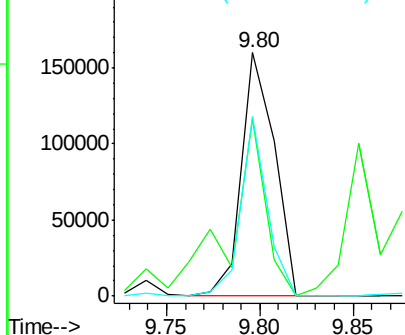
Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		196588		
63	72.9		41.8	62.8#	
89	73.7		46.7	70.1#	

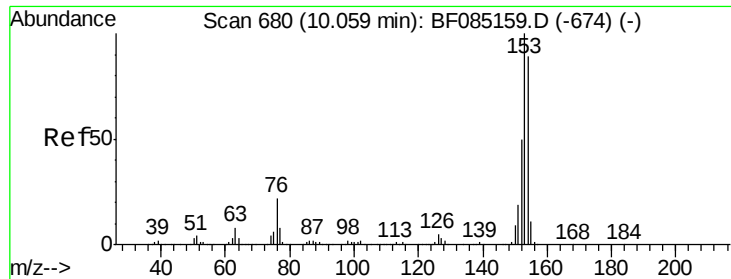
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.83 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF085167.D

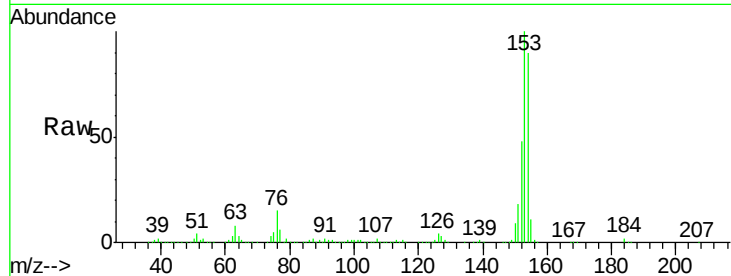
Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

ClientSampleId :

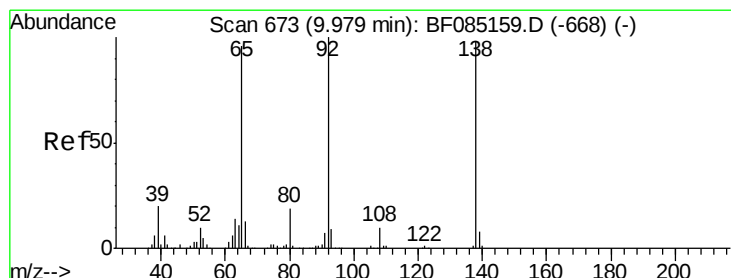
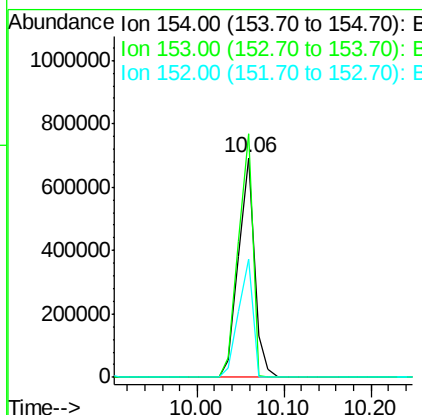
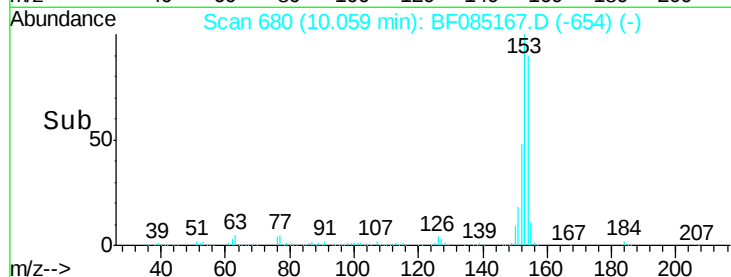
PB88654BS



Tgt Ion:	154	Resp:	889101
Ion Ratio	Lower	Upper	
154	100		
153	110.8	89.8	134.8
152	53.5	44.6	66.8

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#52

3-Nitroaniline

Concen: 17.78 ng

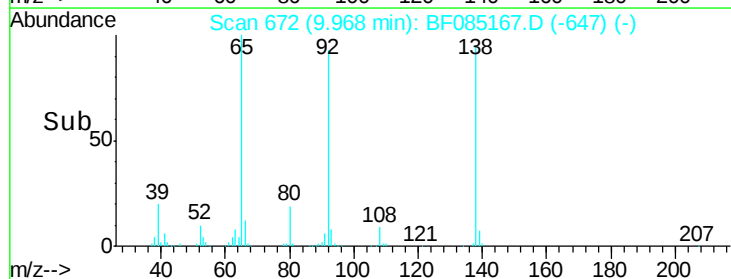
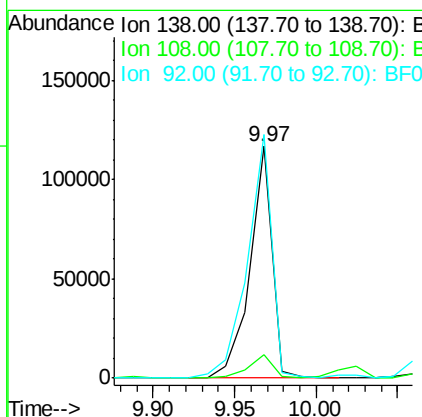
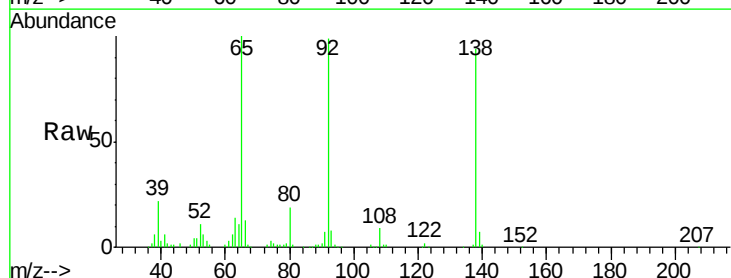
RT: 9.97 min Scan# 672

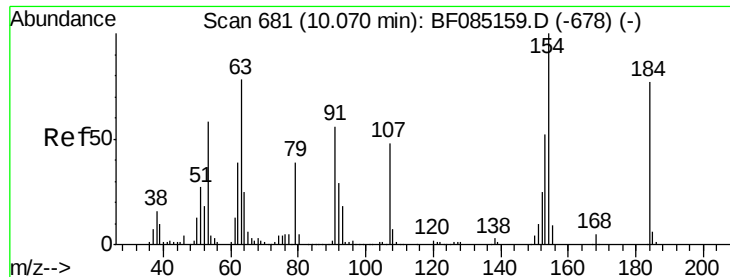
Delta R.T. -0.01 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

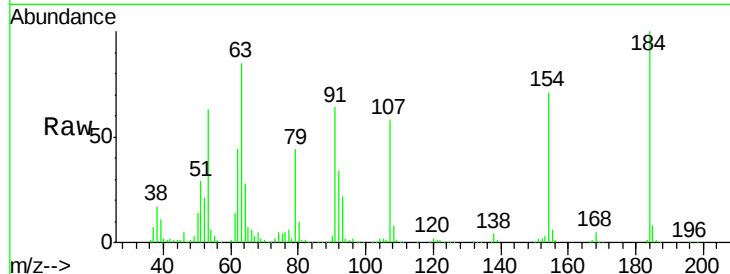
Tgt Ion:	138	Resp:	110142
Ion Ratio	Lower	Upper	
138	100		
108	9.9	7.8	11.6
92	105.0	81.3	121.9





#53
2,4-Dinitrophenol
Concen: 69.06 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

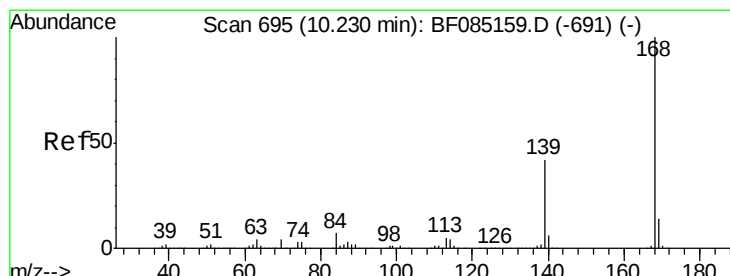
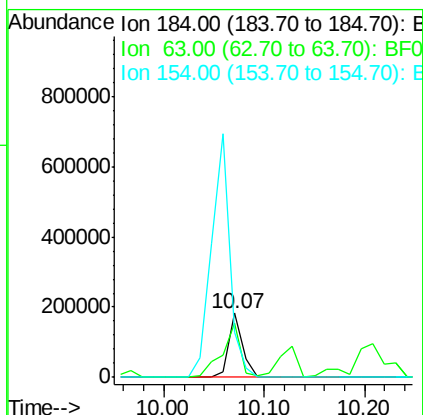
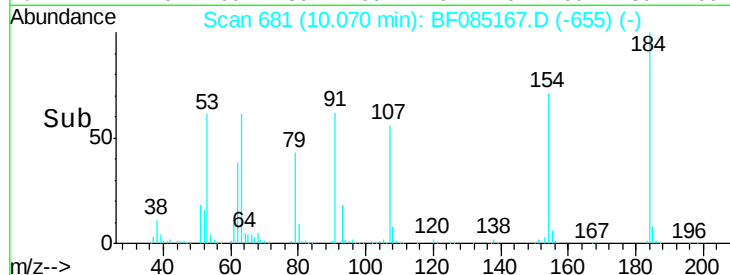
Instrument :
BNA_F
ClientSampleId :
PB88654BS



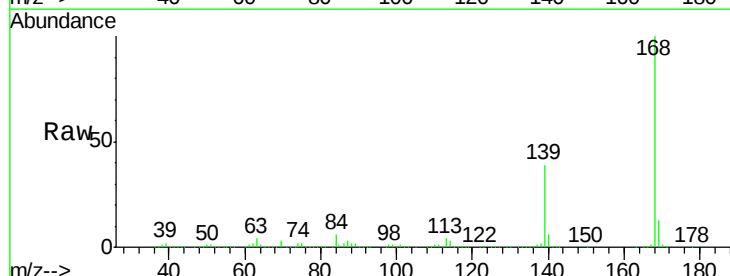
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	178218		
63	85.2	82.2	123.4	
154	71.1	108.9	163.3#	

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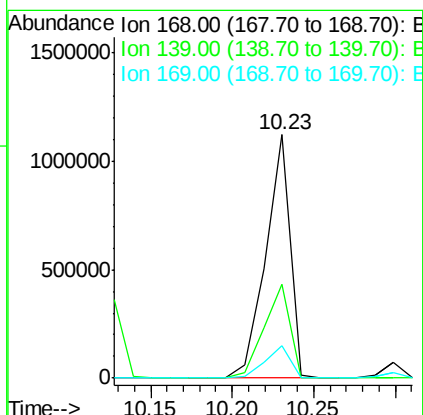
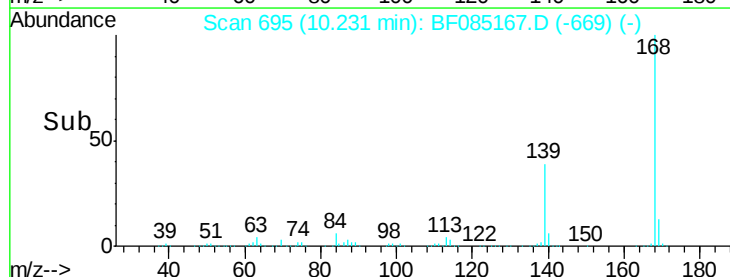
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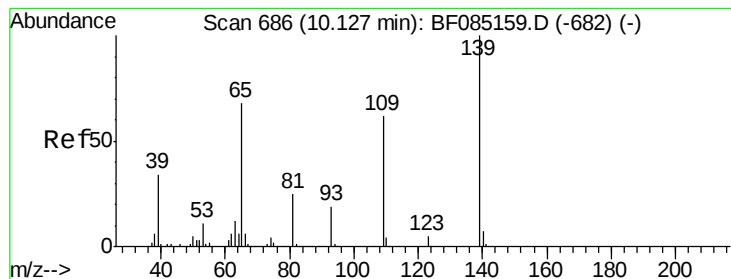


#54
Dibenzofuran
Concen: 45.95 ng
RT: 10.23 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20



Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1167966		
139	38.8	33.6	50.4	
169	13.4	11.2	16.8	





#55

4-Nitrophenol

Concen: 84.84 ng

RT: 10.13 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

ClientSampleId :

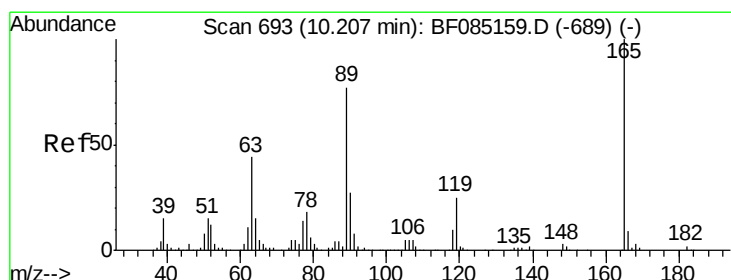
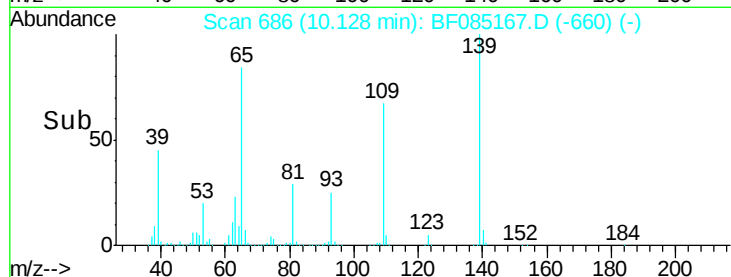
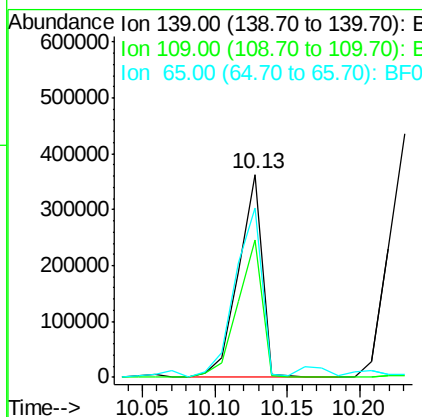
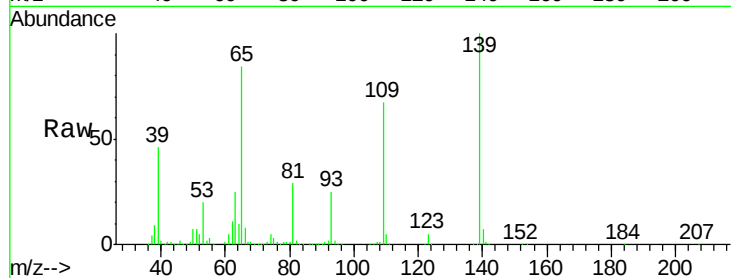
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	412938		
109	67.4	41.9	81.9	
65	83.7	48.3	88.3	



#56

2,4-Dinitrotoluene

Concen: 48.08 ng

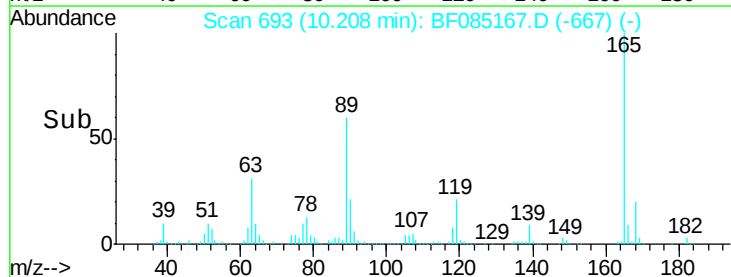
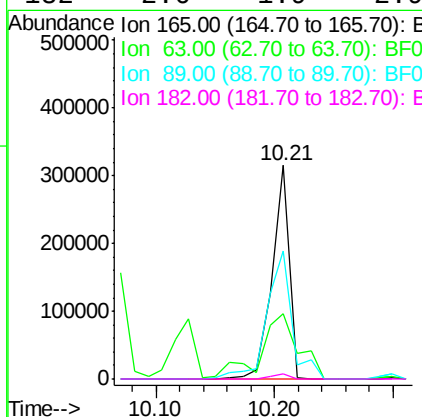
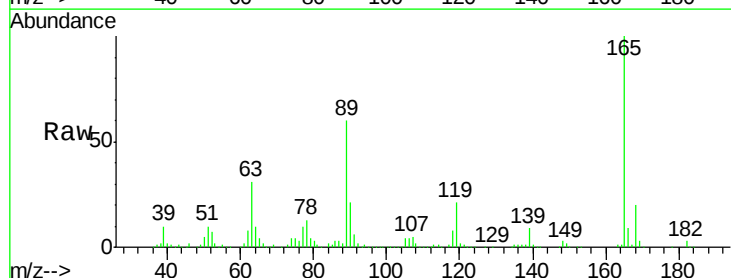
RT: 10.21 min Scan# 693

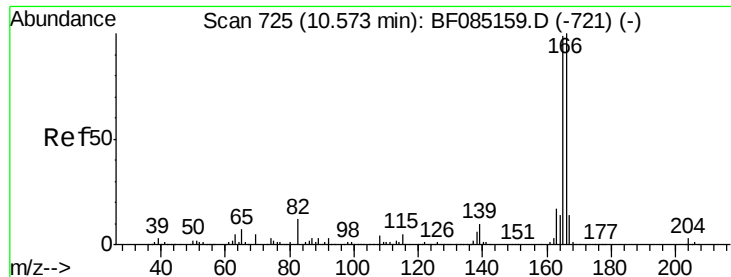
Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	318511		
63	30.9	35.4	53.0#	
89	60.2	61.9	92.9#	
182	2.6	1.9	2.9	





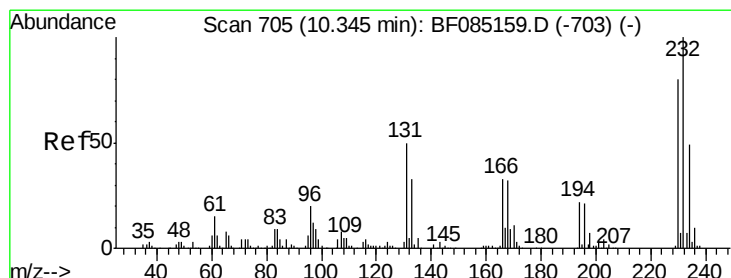
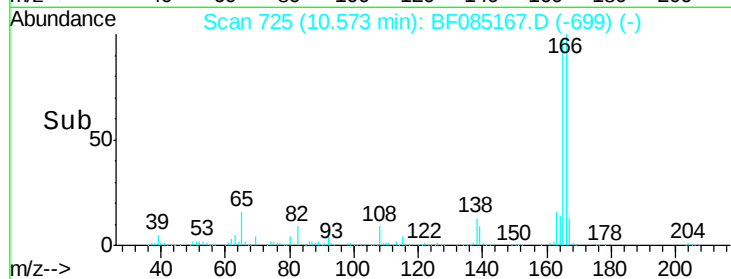
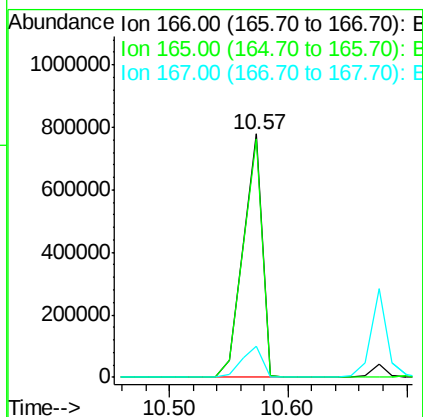
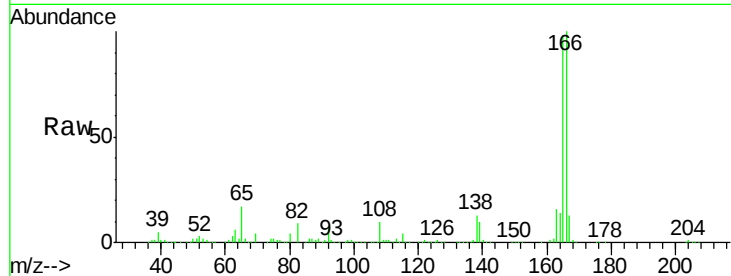
#57
Fluorene
 Concen: 43.75 ng
 RT: 10.57 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB88654BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	873487		
165	97.9	79.4	119.0	
167	13.0	11.0	16.6	

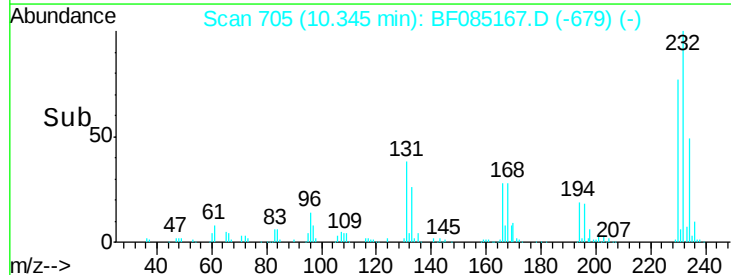
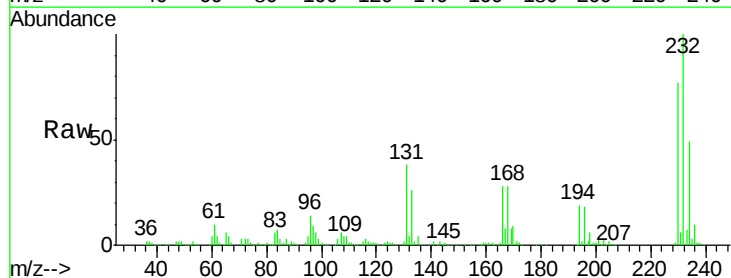
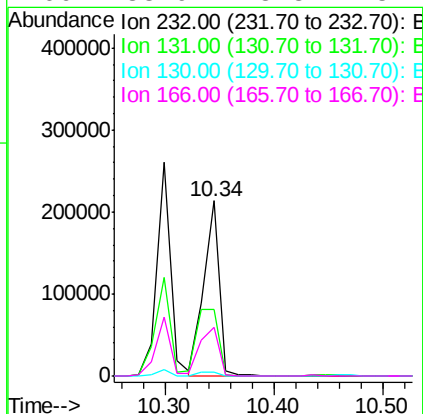
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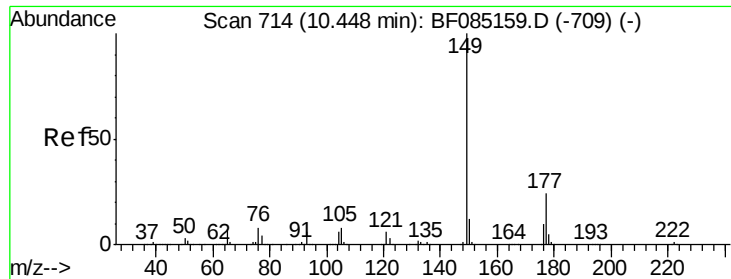
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.03 ng
 RT: 10.34 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	214717		
131	53.2	46.0	69.0	
130	2.6	2.2	3.4	
166	33.9	28.8	43.2	





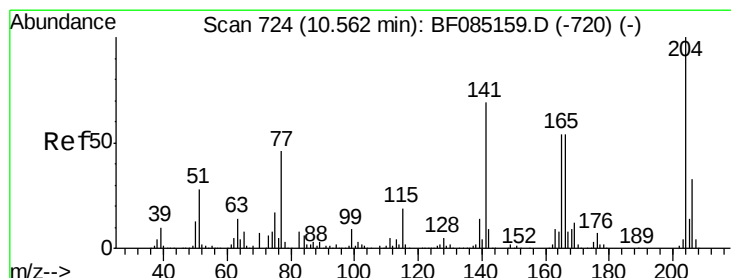
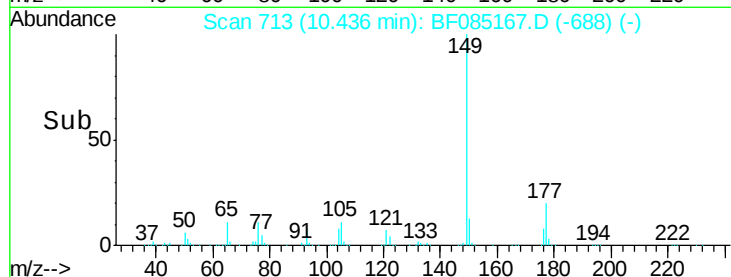
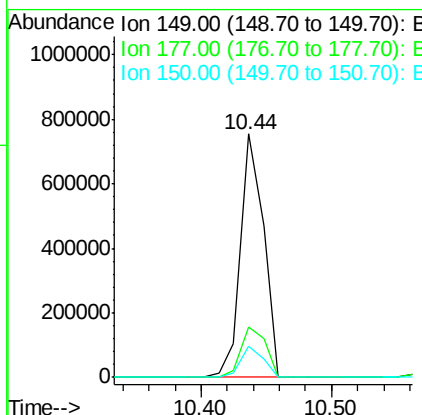
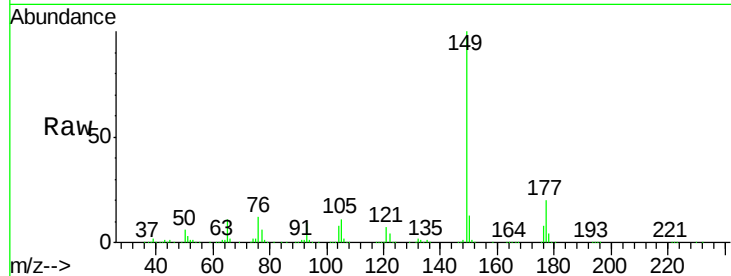
#59
Diethylphthalate
Concen: 39.26 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampled :
PB88654BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	921791		
177	20.5	19.2	28.8	
150	13.0	9.9	14.9	

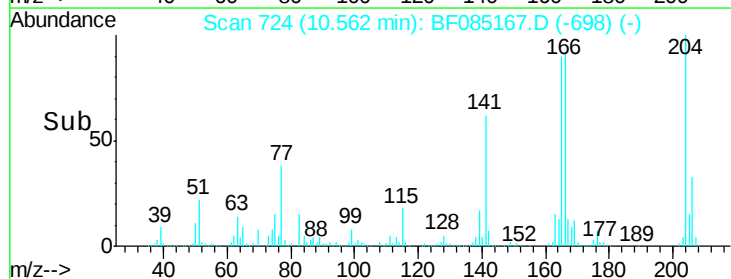
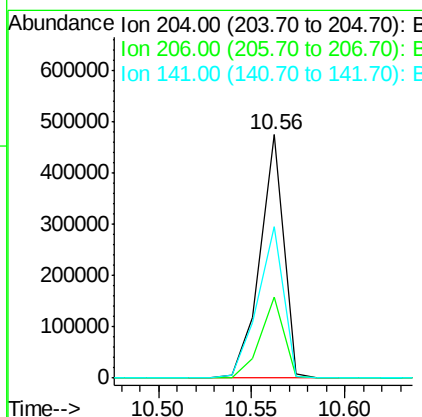
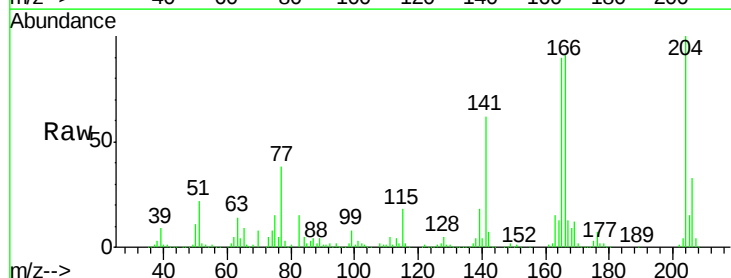
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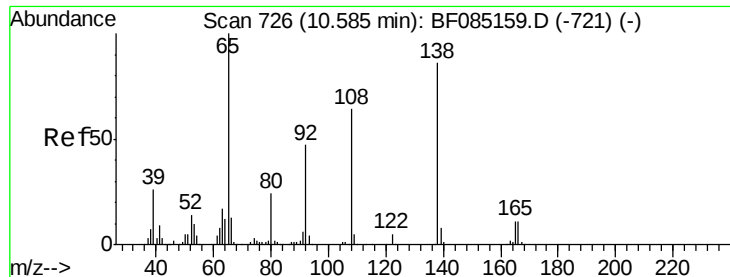
UMANGI
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#60
4-Chlorophenyl-phenylether
Concen: 42.88 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	416526		
206	33.1	26.5	39.7	
141	62.4	55.4	83.2	





#61

4-Nitroaniline

Concen: 41.36 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085167.D

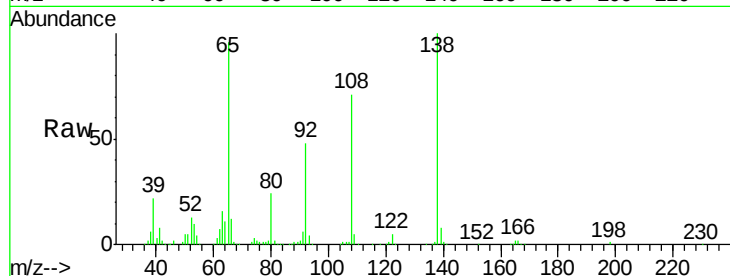
Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

ClientSampleId :

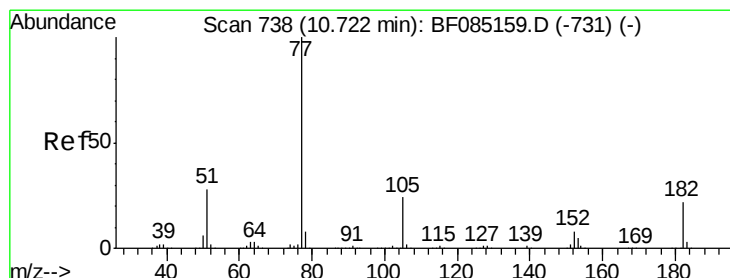
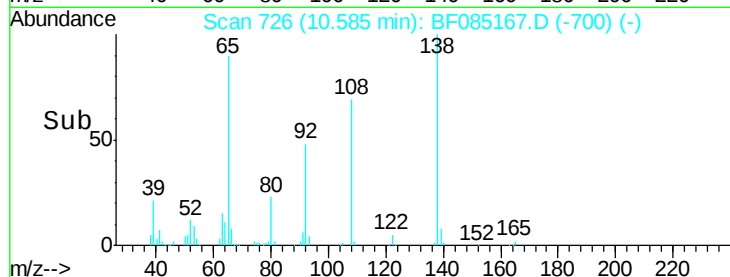
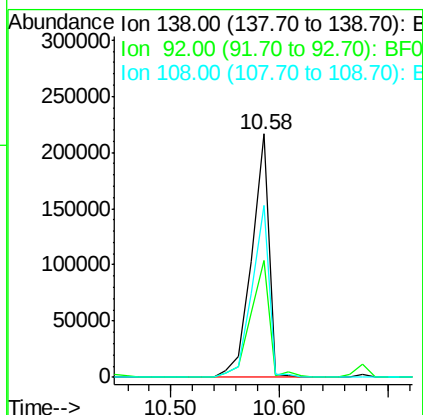
PB88654BS



Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	34.2	74.2
108	70.6	53.9	93.9

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#62

Azobenzene

Concen: 47.84 ng

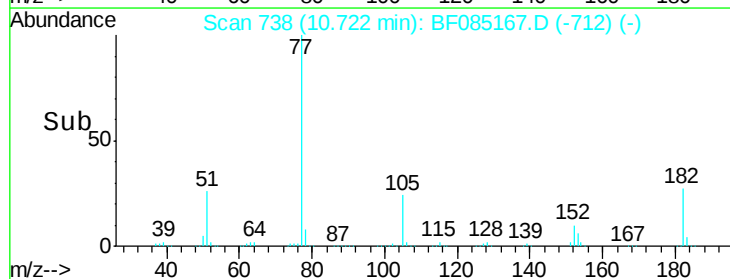
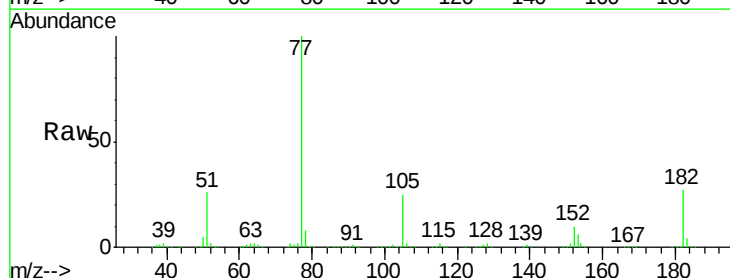
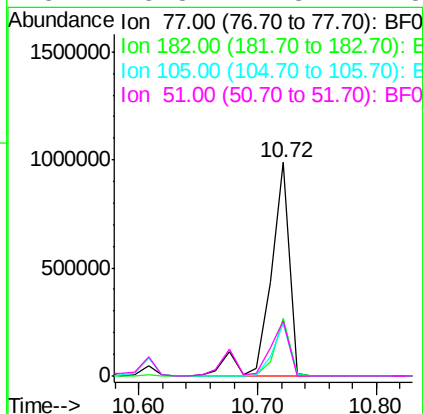
RT: 10.72 min Scan# 738

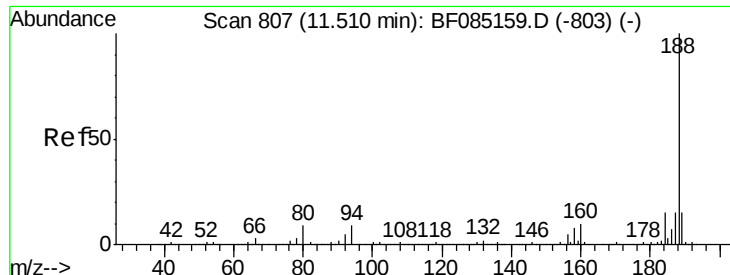
Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	2.1	42.1
105	24.6	3.8	43.8
51	25.8	7.8	47.8





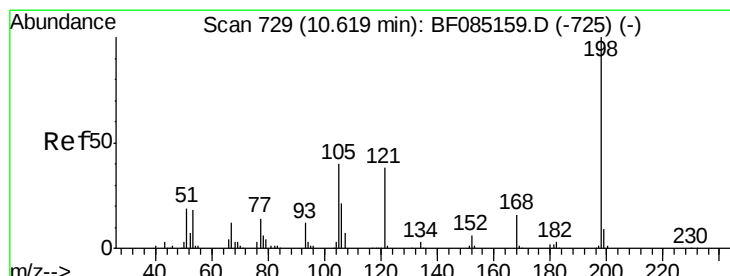
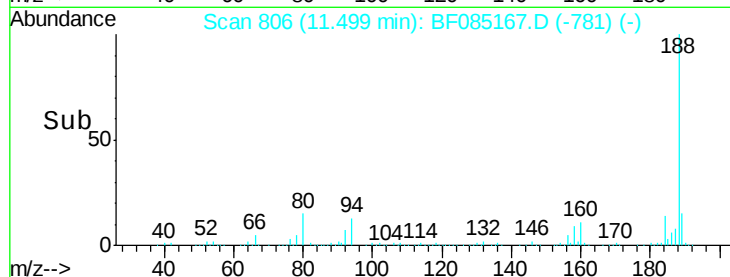
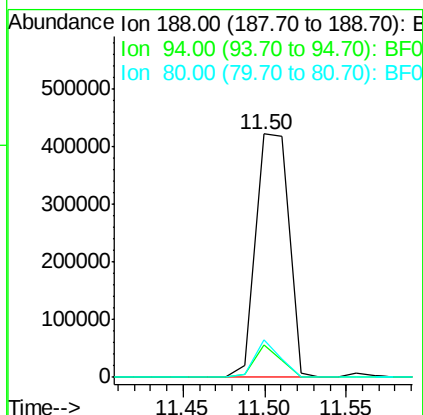
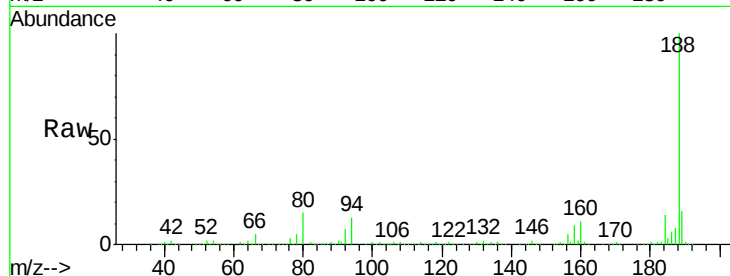
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB88654BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.4	7.0	10.6#
80	15.4	7.4	11.0#

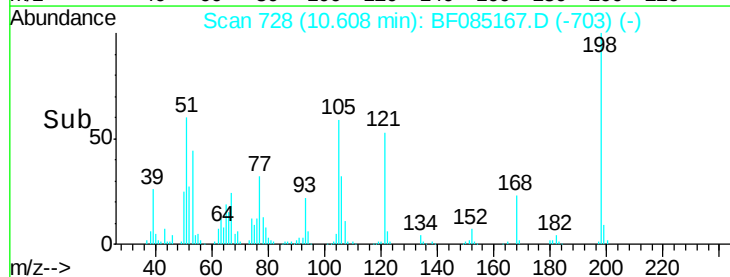
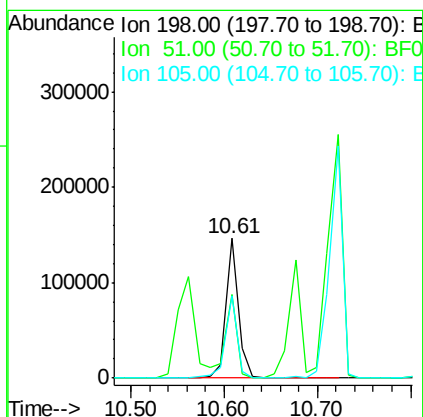
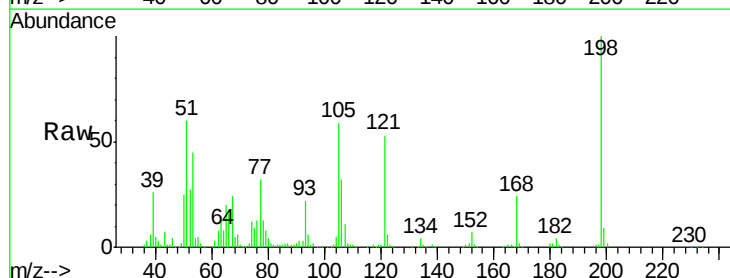
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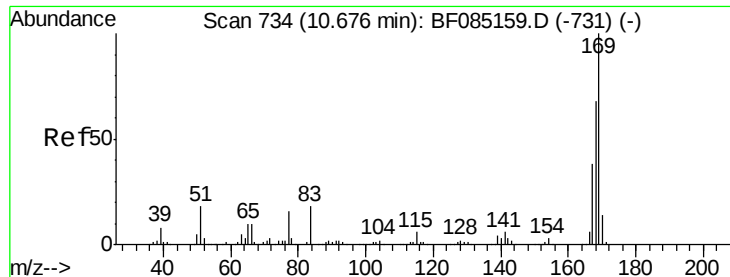
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.47 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	59.6	9.5	49.5#
105	58.9	20.5	60.5





#65

n-Nitrosodiphenylamine

Concen: 38.49 ng

RT: 10.68 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

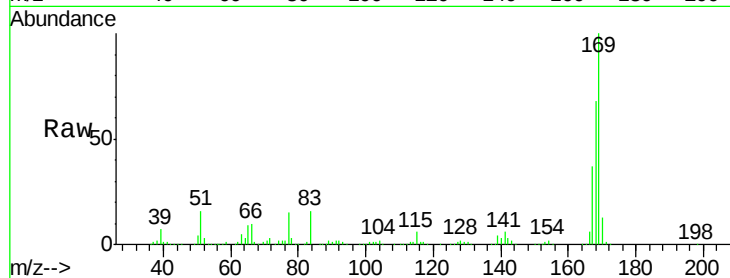
ClientSampleId :

PB88654BS

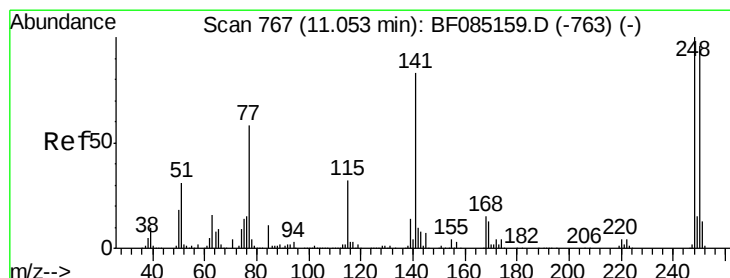
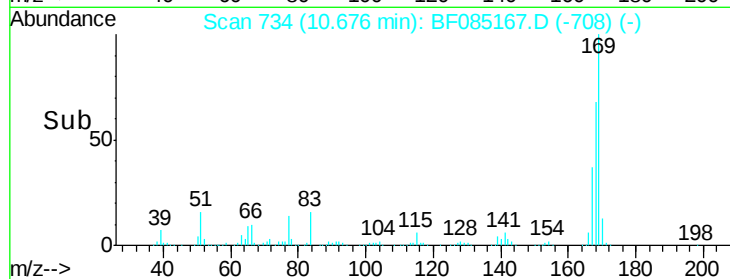
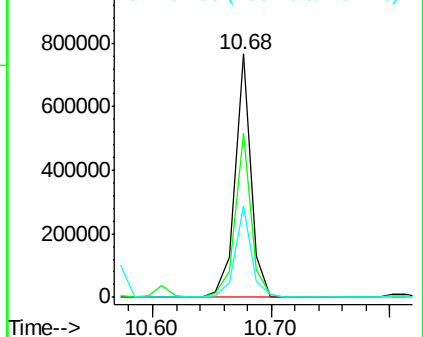
Tgt Ion:	169	Resp:	715791
Ion Ratio	Lower	Upper	
169	100		
168	67.6	54.8	82.2
167	37.3	30.3	45.5

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



#66

4-Bromophenyl-phenylether

Concen: 42.89 ng

RT: 11.05 min Scan# 767

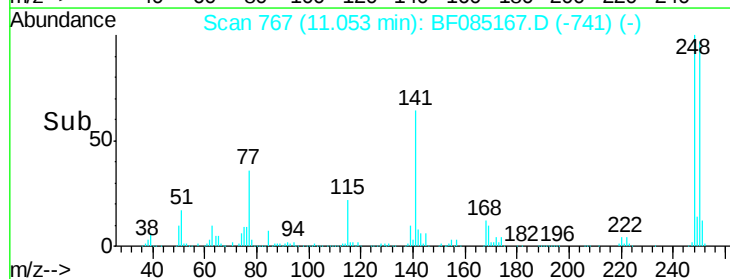
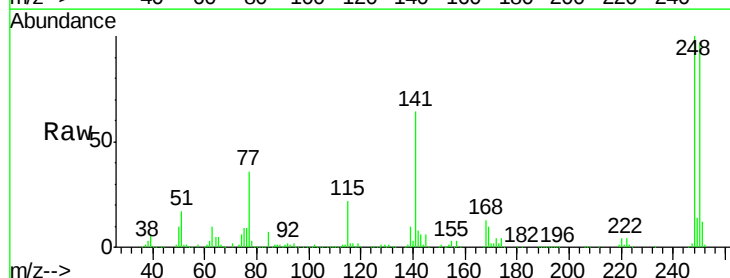
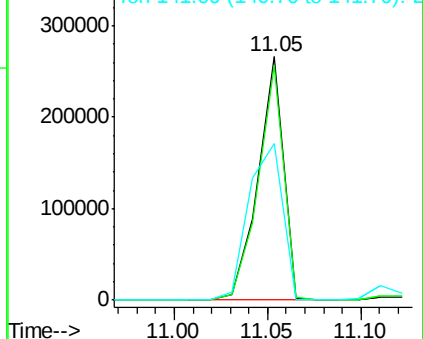
Delta R.T. 0.00 min

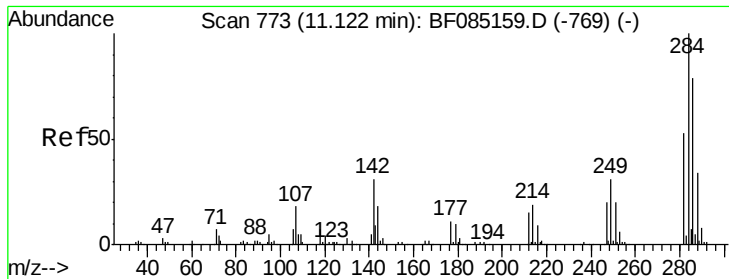
Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion:	248	Resp:	248979
Ion Ratio	Lower	Upper	
248	100		
250	96.6	77.1	115.7
141	64.3	66.2	99.2#

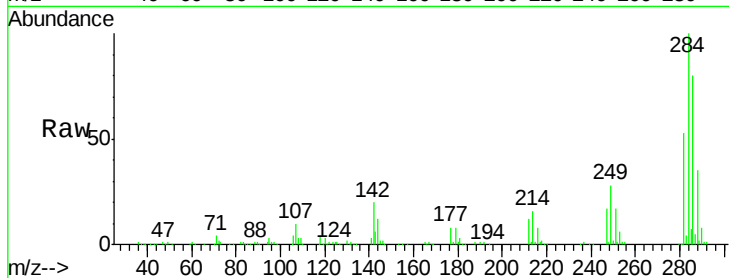
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67
Hexachlorobenzene
Concen: 41.02 ng
RT: 11.12 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

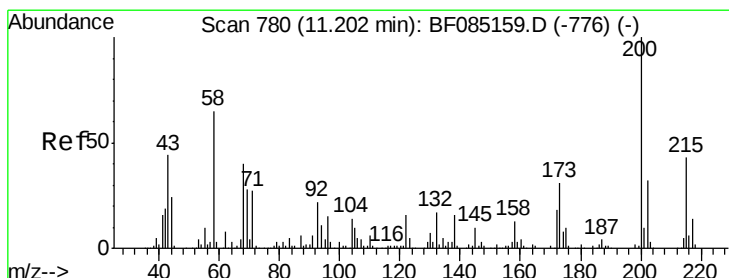
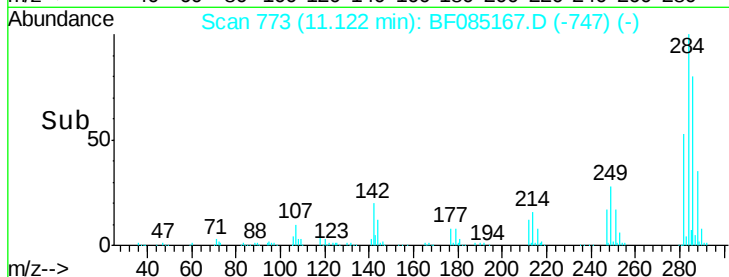
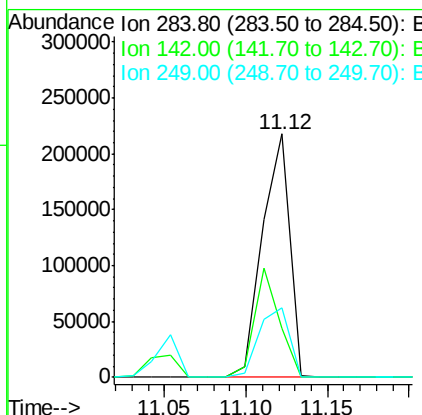
Instrument :
BNA_F
ClientSampleId :
PB88654BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	20.0	24.9	37.3#
249	28.4	25.0	37.4

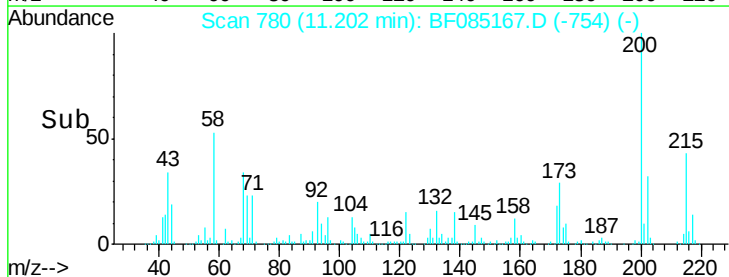
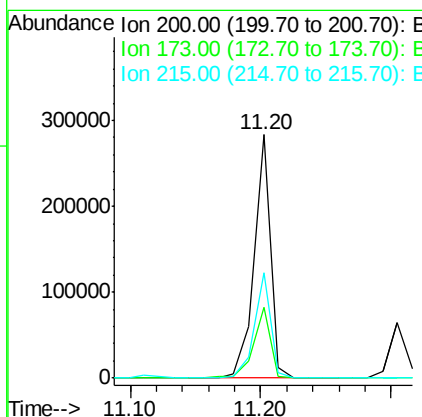
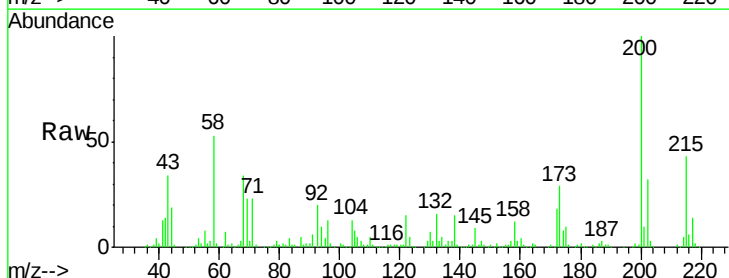
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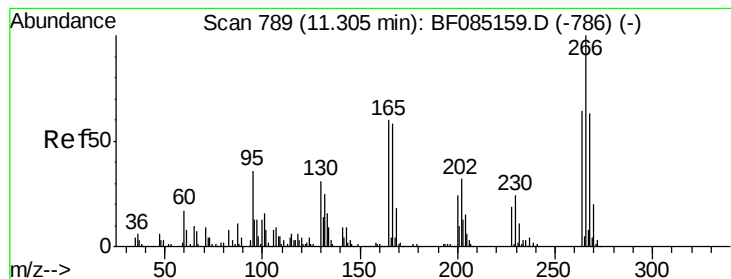
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#68
Atrazine
Concen: 48.01 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.2	10.5	50.5
215	43.4	23.4	63.4





#69

Pentachlorophenol

Concen: 78.57 ng

RT: 11.30 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

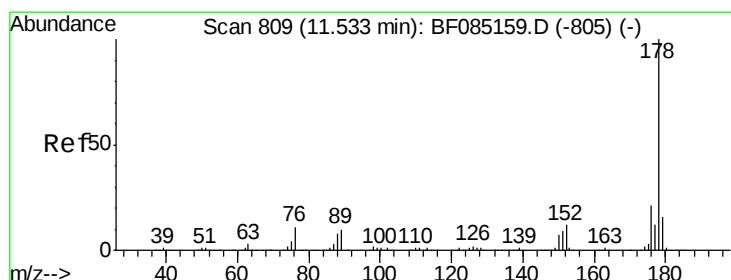
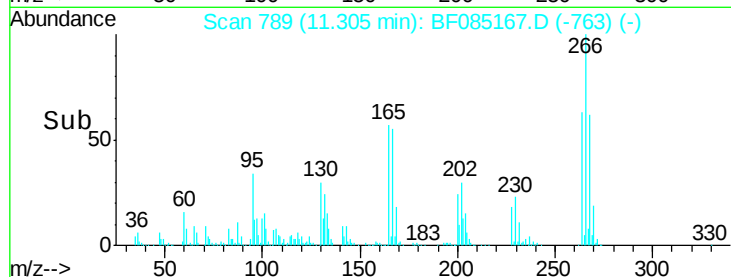
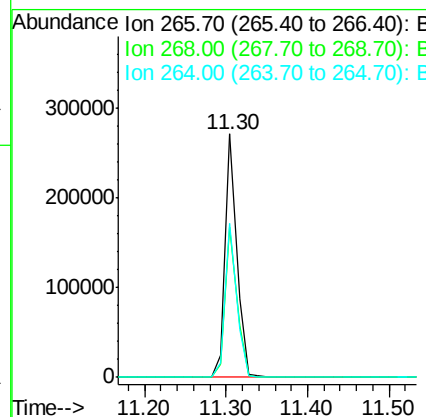
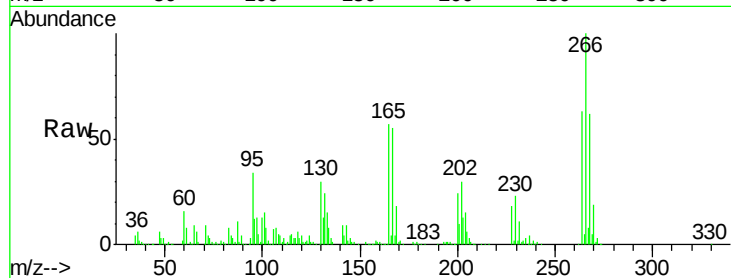
ClientSampleId :

PB88654BS

Tgt Ion:	266	Resp:	270082
Ion Ratio	Lower	Upper	
266	100		
268	61.6	50.0	75.0
264	63.4	51.4	77.2

Manual Integrations
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#70

Phenanthrene

Concen: 43.58 ng

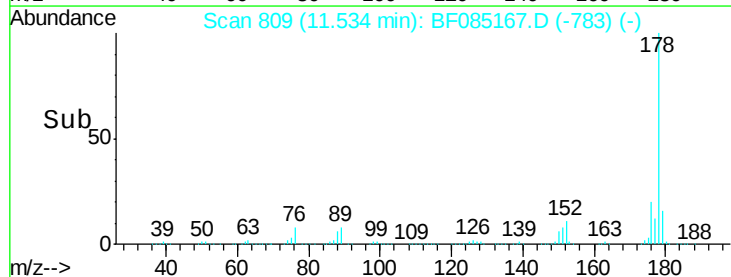
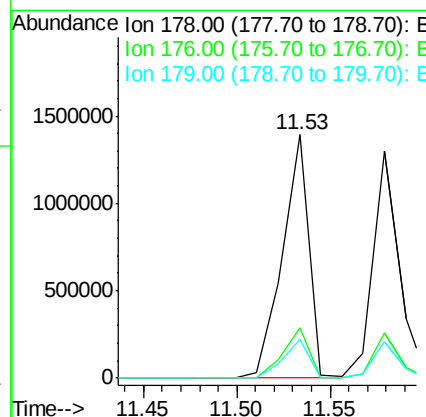
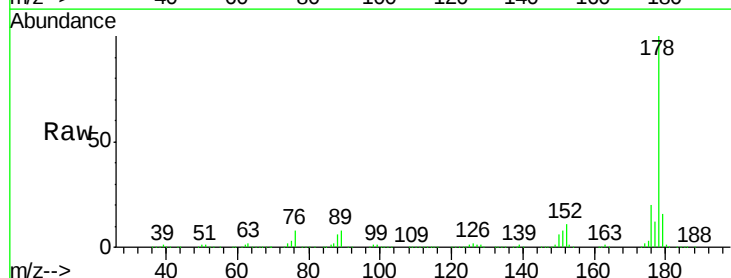
RT: 11.53 min Scan# 809

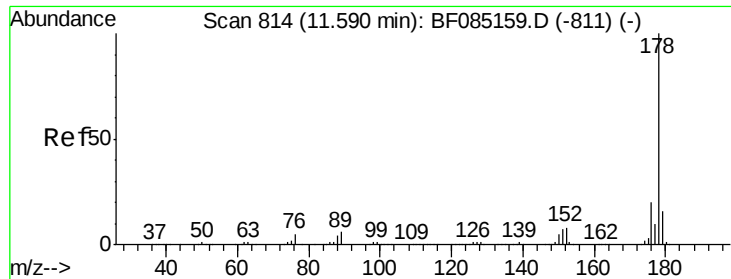
Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion:	178	Resp:	1365345
Ion Ratio	Lower	Upper	
178	100		
176	20.5	16.8	25.2
179	15.7	13.1	19.7





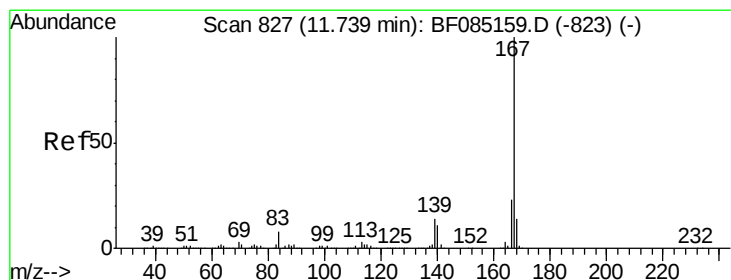
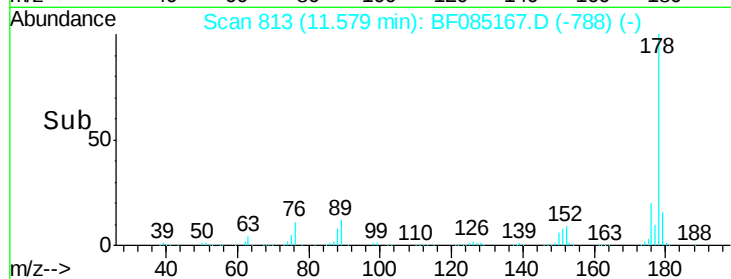
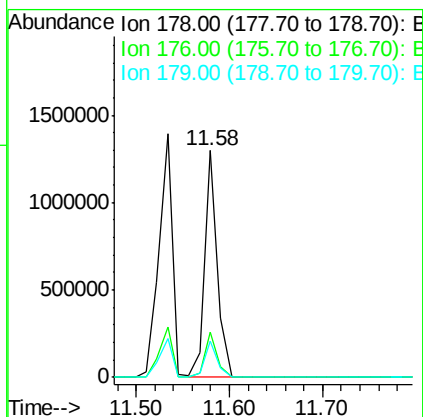
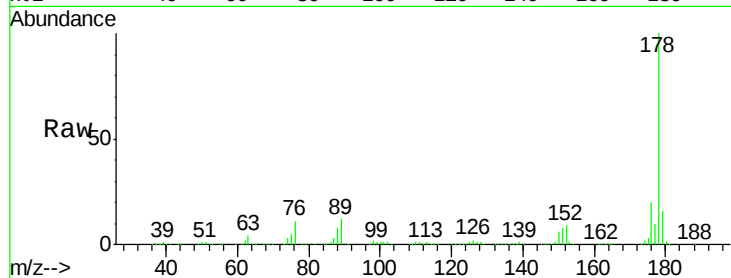
#71
 Anthracene
 Concen: 36.75 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB88654BS

Tgt Ion:178 Resp: 1222306
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.1 12.5 18.7

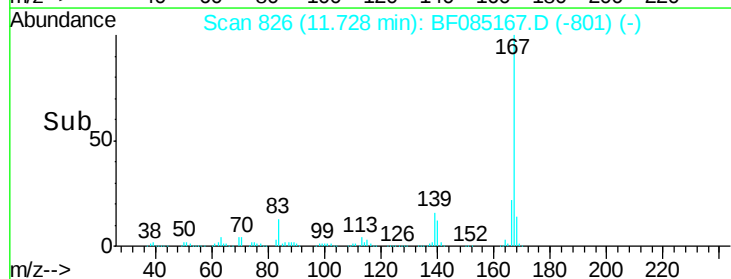
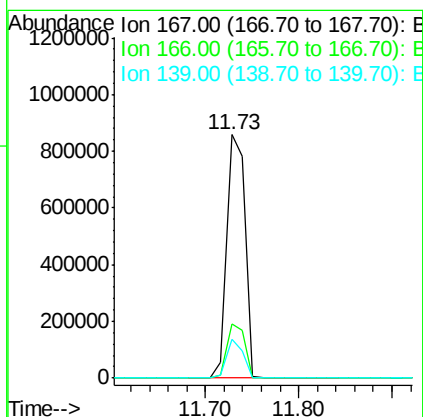
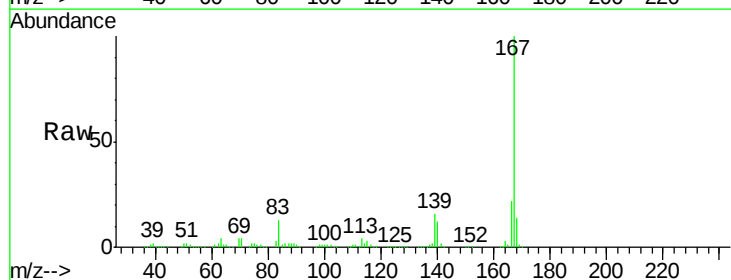
Manual Integrations
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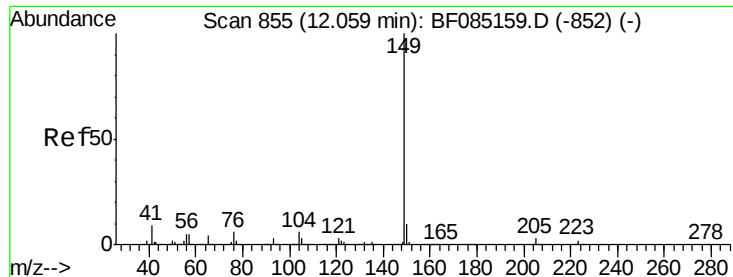
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#72
 Carbazole
 Concen: 40.24 ng
 RT: 11.73 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Tgt Ion:167 Resp: 1173498
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 15.8 11.4 17.0





#73

Di-n-butylphthalate

Concen: 37.93 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

ClientSampleId :

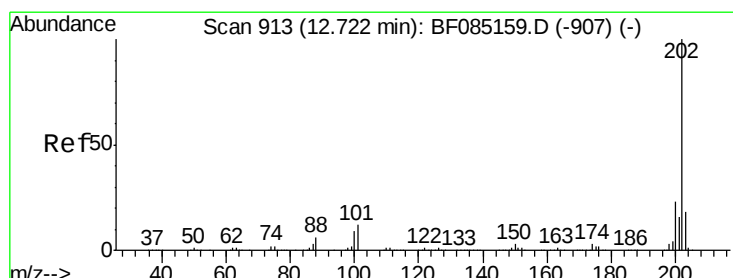
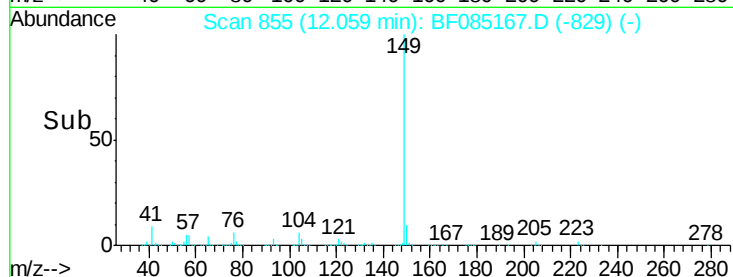
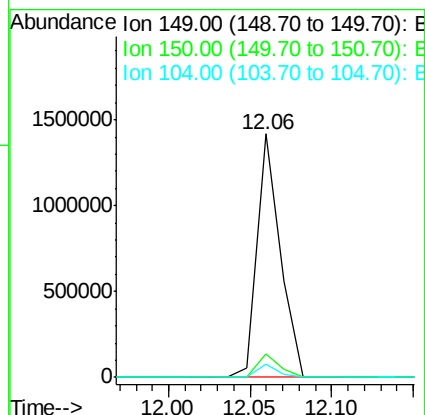
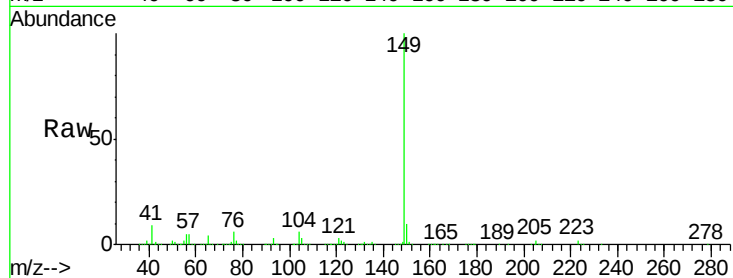
PB88654BS

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Tgt Ion:	149	Resp:	1398543
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	5.6	4.7	7.1



#74

Fluoranthene

Concen: 41.59 ng

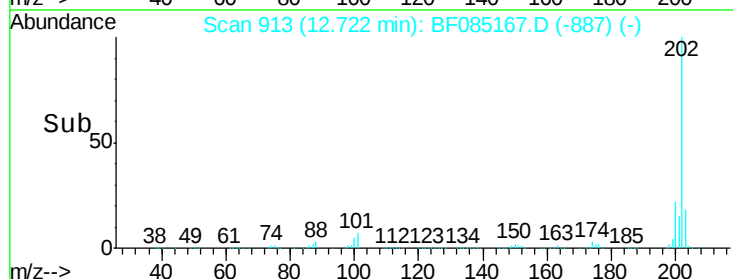
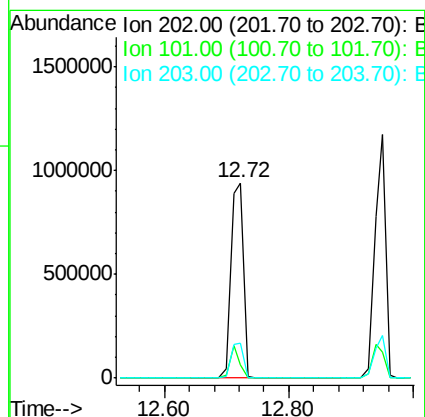
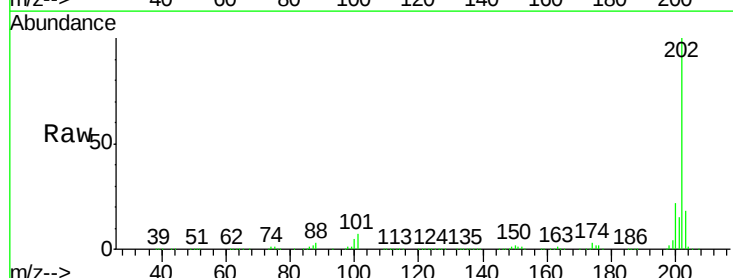
RT: 12.72 min Scan# 913

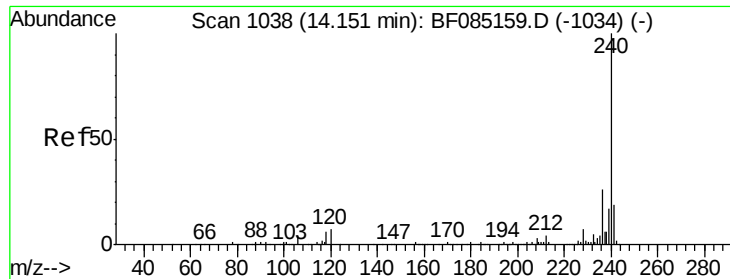
Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion:	202	Resp:	1307693
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	31.8
203	17.6	0.0	38.4





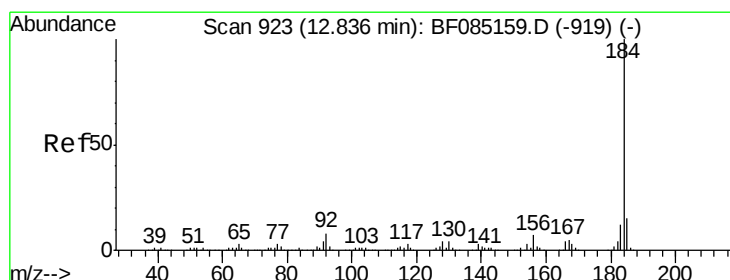
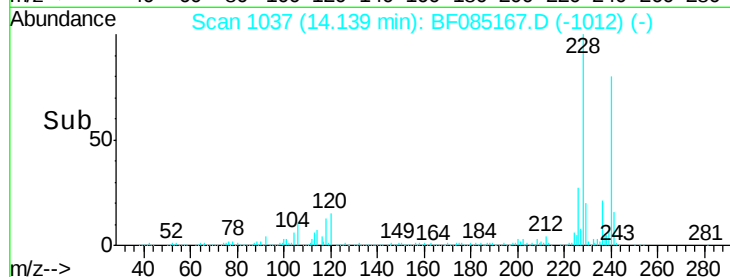
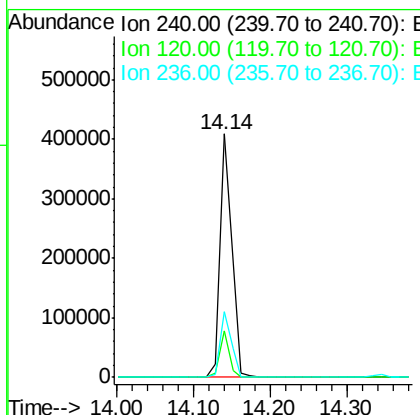
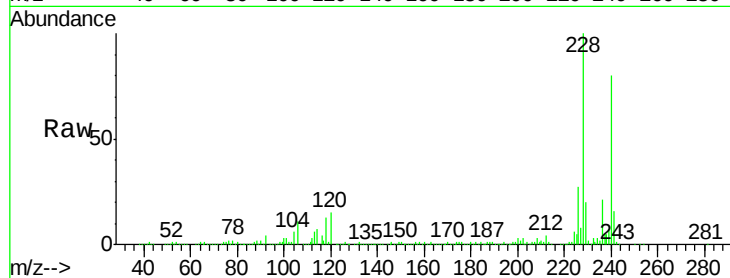
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB88654BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	19.1	5.3	7.9#	
236	26.7	20.7	31.1	

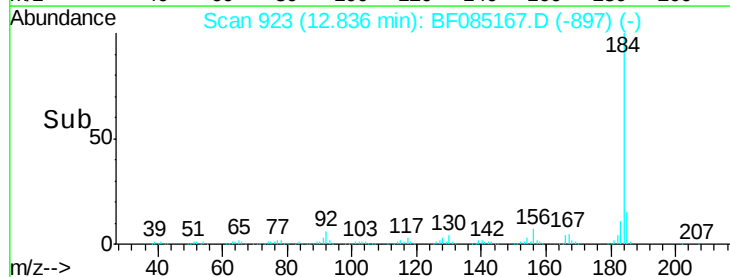
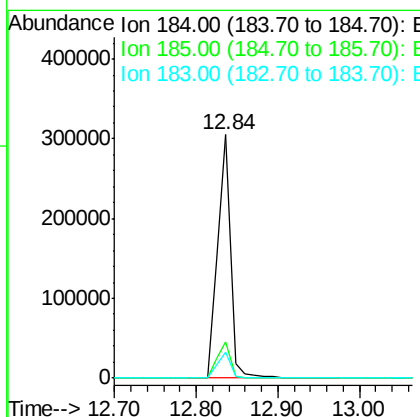
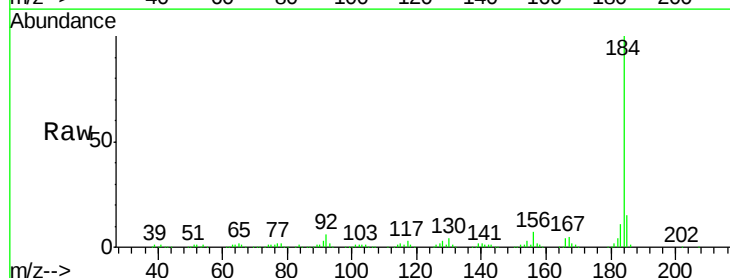
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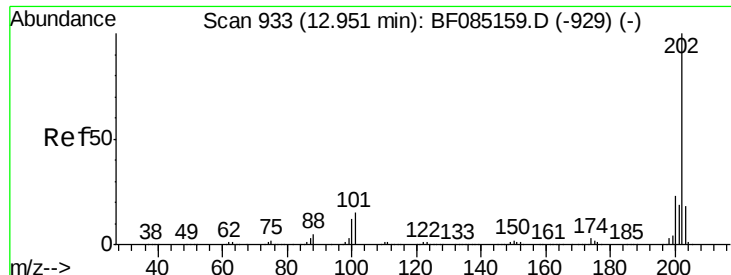
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#76
Benzidine
Concen: 25.92 ng
RT: 12.84 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.1	12.4	18.6	
183	10.9	9.4	14.2	





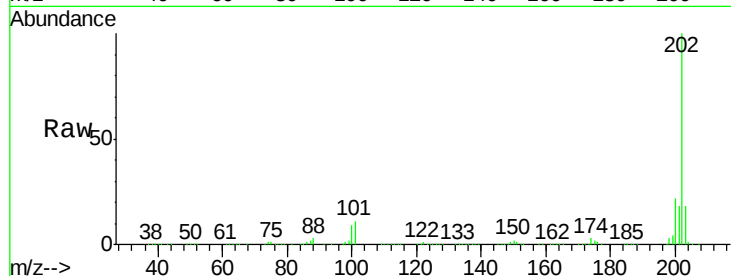
#77
 Pyrene
 Concen: 42.28 ng
 RT: 12.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB88654BS

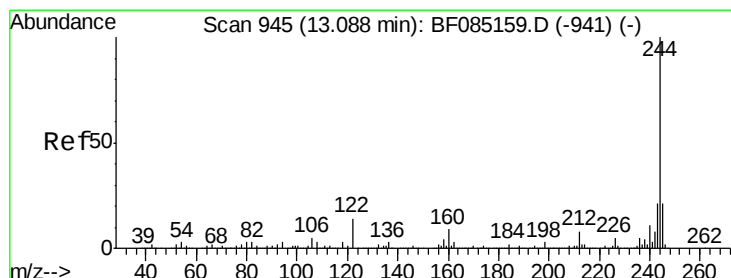
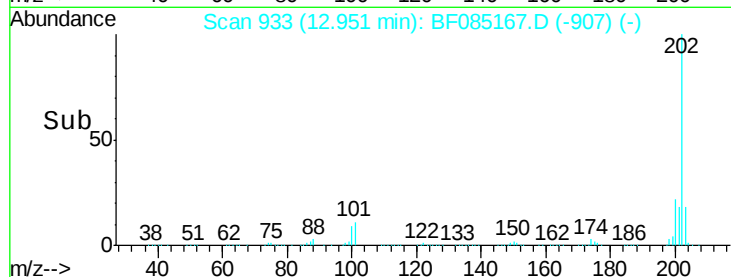
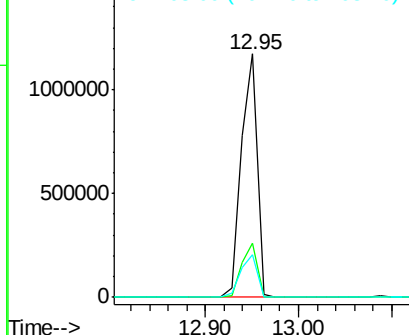
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.2	27.4
203	17.6	14.7	22.1

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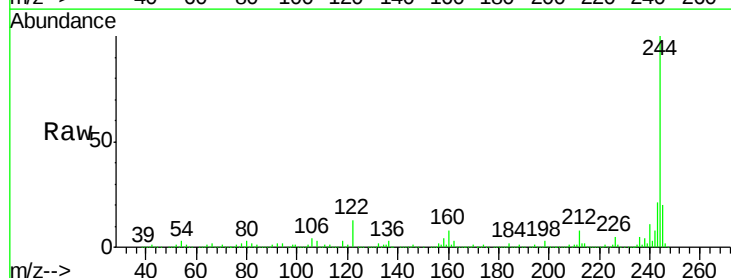


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

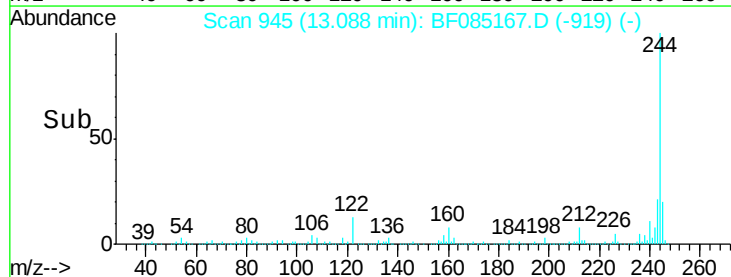
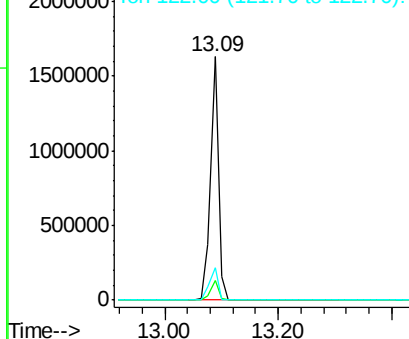


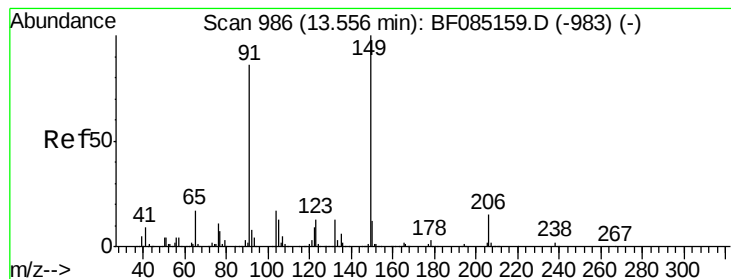
#78
 Terphenyl-d14
 Concen: 79.56 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	13.2	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: 39.49 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085167.D

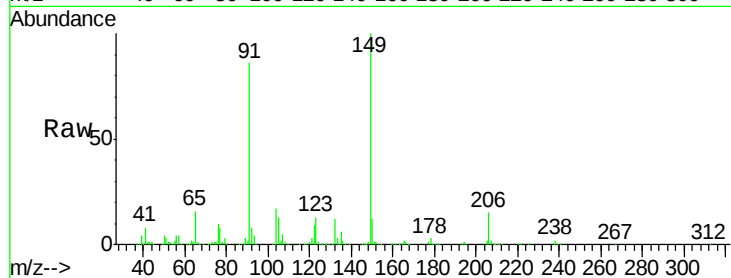
Acq: 3 Mar 2016 20:20

Instrument :

BNA_F

ClientSampleId :

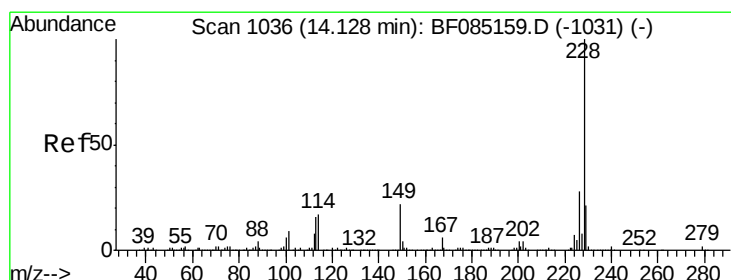
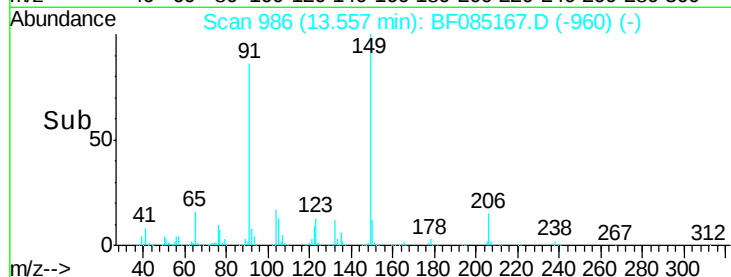
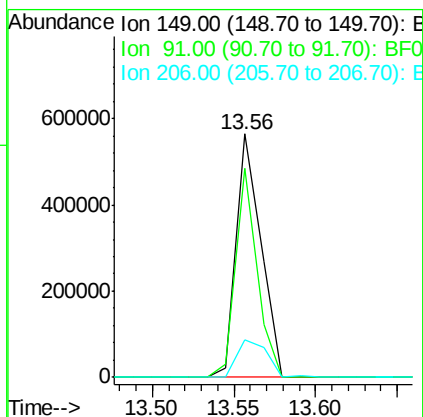
PB88654BS



Tgt Ion:	149	Resp:	588891
Ion Ratio	Lower	Upper	
149	100		
91	85.9	69.0	103.4
206	15.5	12.3	18.5

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#80

Benzo(a)anthracene

Concen: 40.30 ng

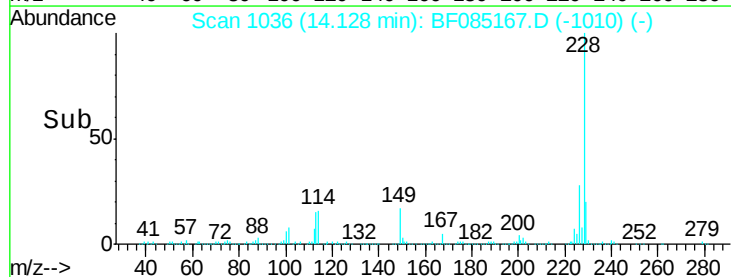
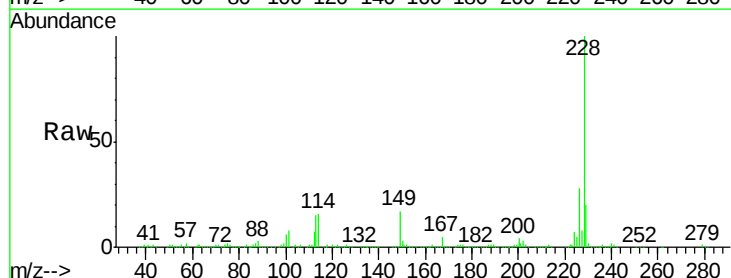
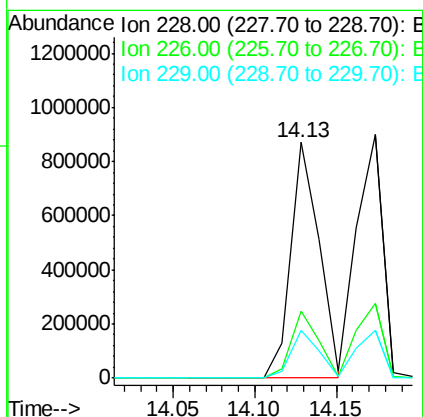
RT: 14.13 min Scan# 1036

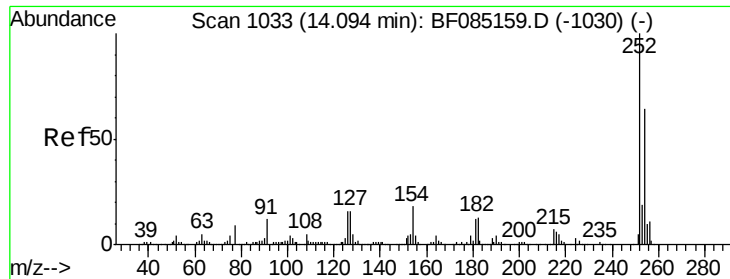
Delta R.T. 0.00 min

Lab File: BF085167.D

Acq: 3 Mar 2016 20:20

Tgt Ion:	228	Resp:	1053511
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.8	34.2
229	20.3	16.6	24.8





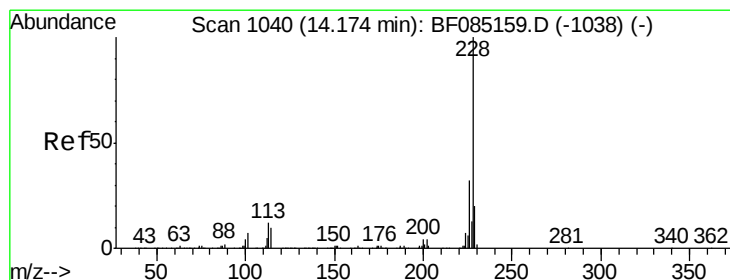
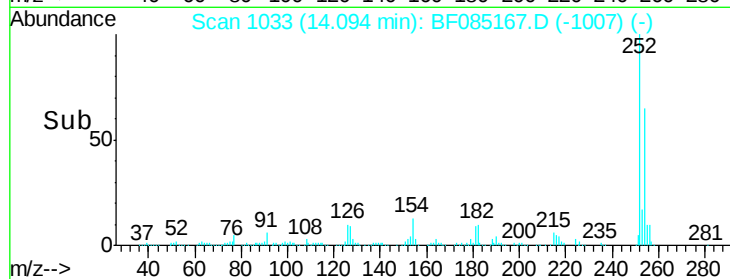
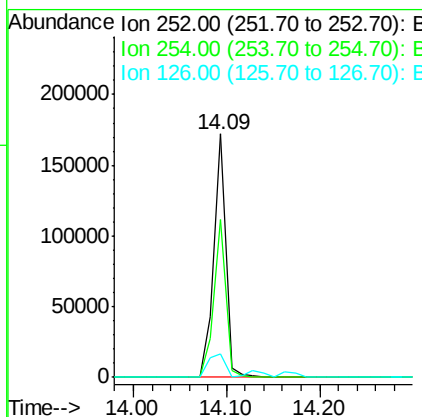
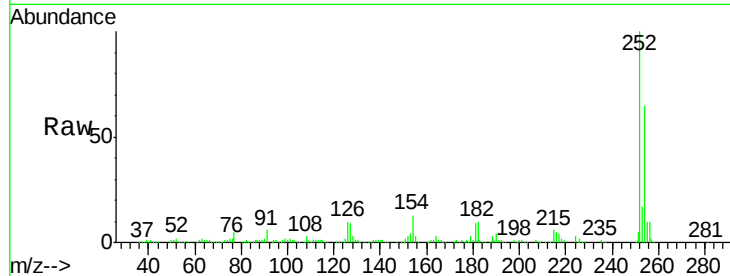
#81
 3,3'-Dichlorobenzidine
 Concen: 18.82 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB88654BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.4	77.0
126	9.6	12.9	19.3

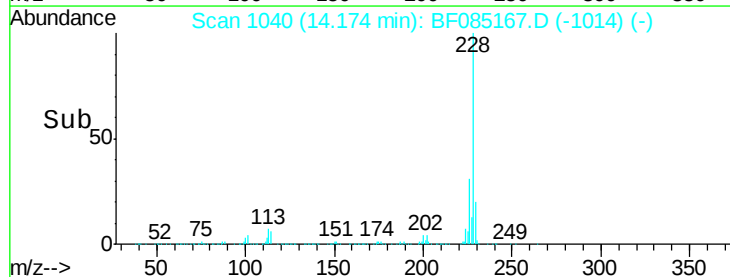
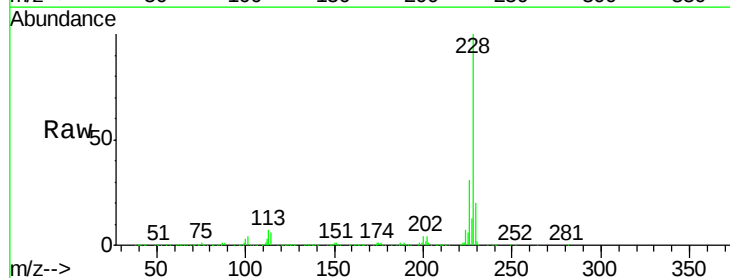
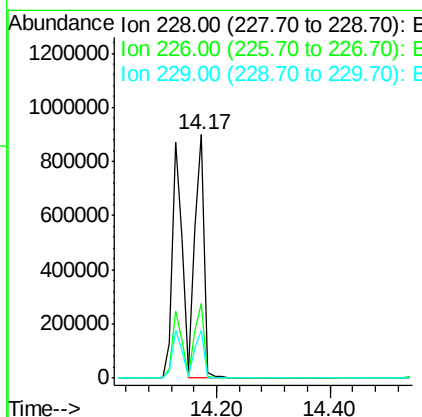
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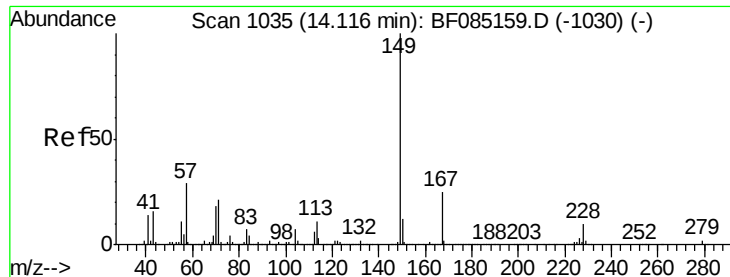
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#82
 Chrysene
 Concen: 42.58 ng
 RT: 14.17 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.2	37.8
229	19.7	16.0	24.0





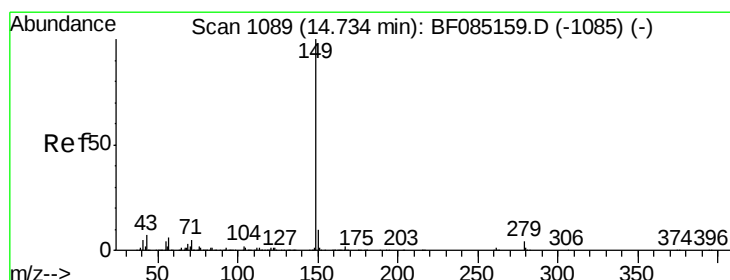
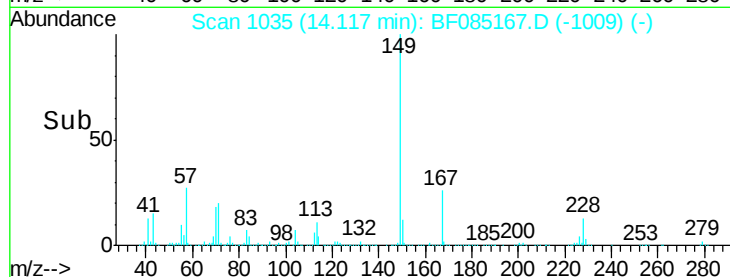
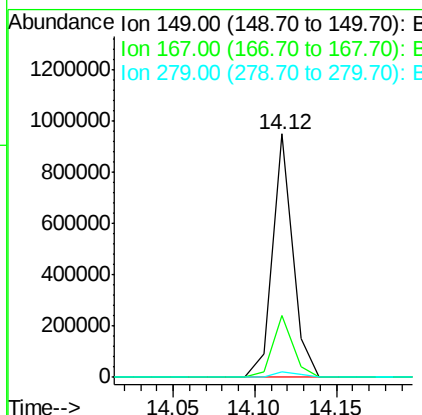
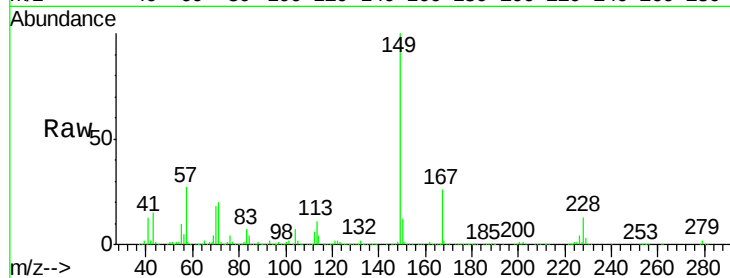
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.82 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB88654BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	820650		
167	25.6	20.3	30.5	
279	2.4	1.9	2.9	

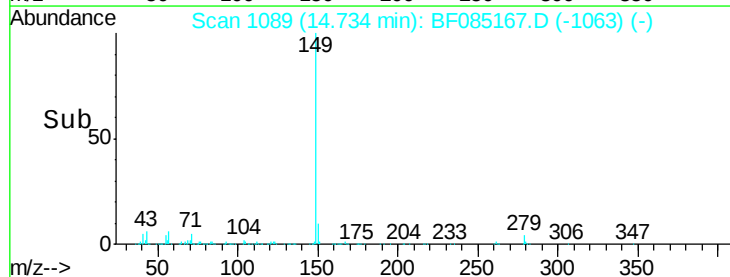
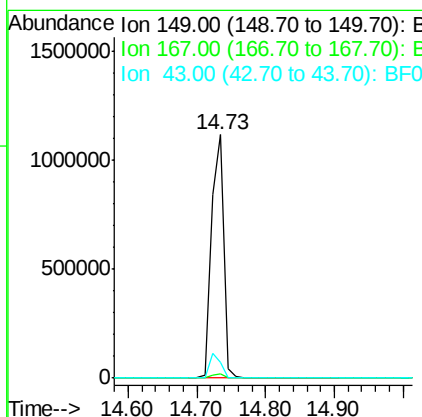
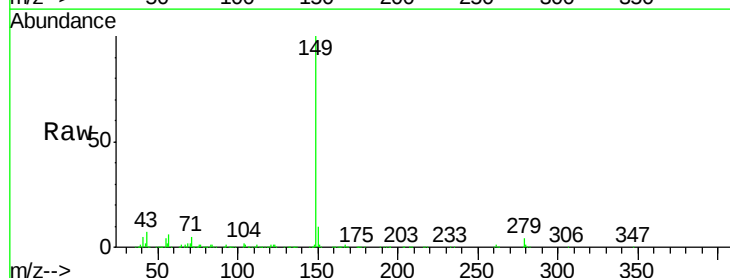
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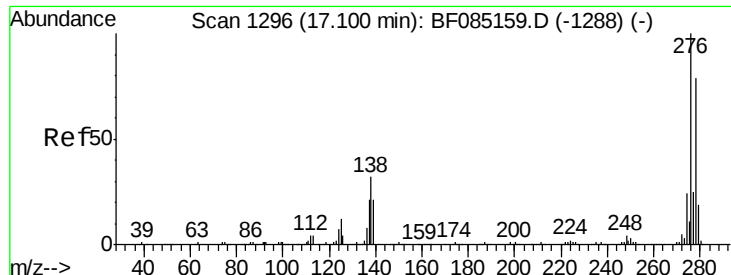
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#84
 Di-n-octyl phthalate
 Concen: 46.81 ng
 RT: 14.73 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1399043		
167	1.5	1.1	1.7	
43	9.6	7.8	11.8	





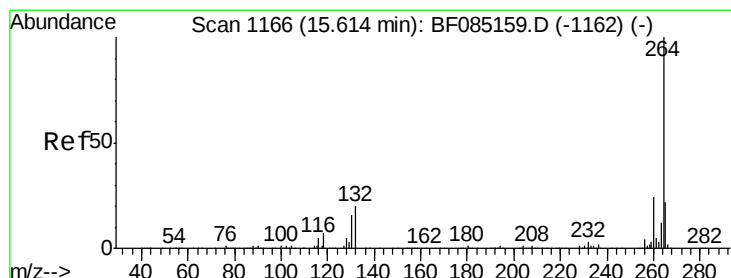
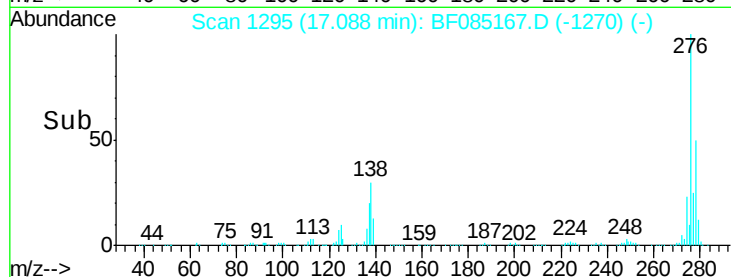
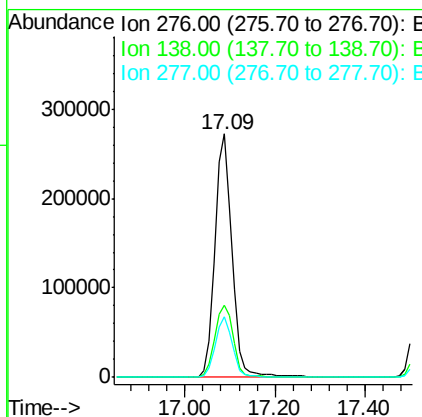
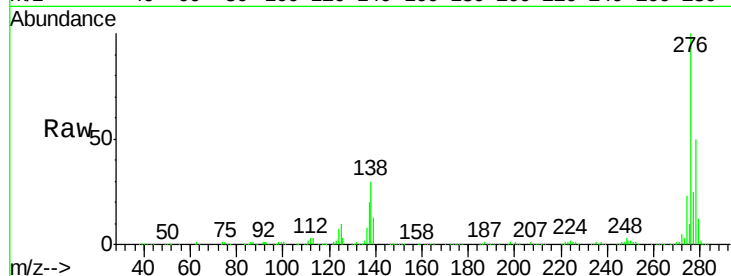
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.33 ng
 RT: 17.09 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB88654BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	722294		
138	32.9	26.4	39.6	
277	25.2	20.2	30.2	

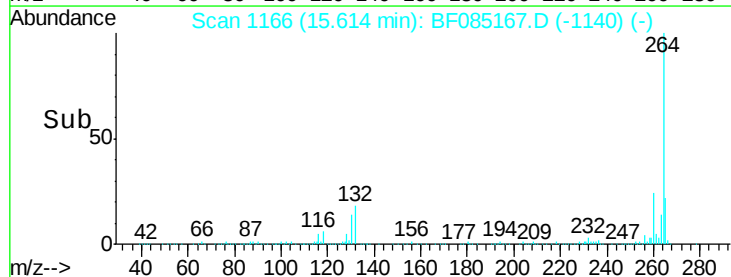
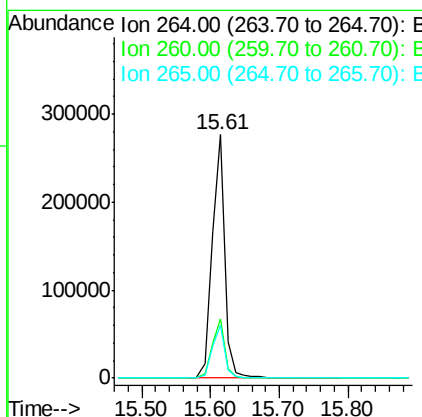
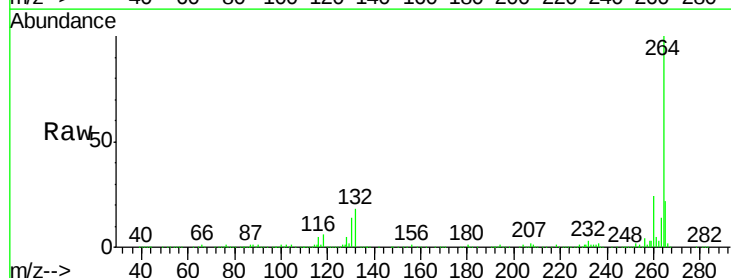
Manual Integrations
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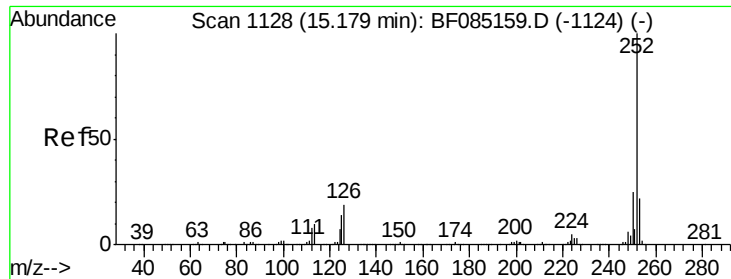
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	355829		
260	24.4	19.2	28.8	
265	21.6	17.3	25.9	





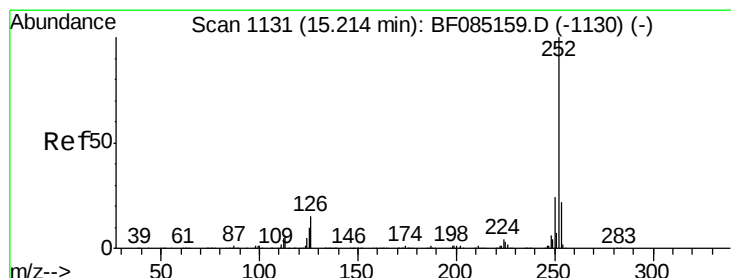
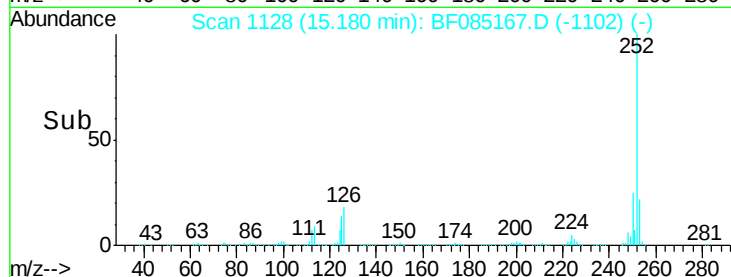
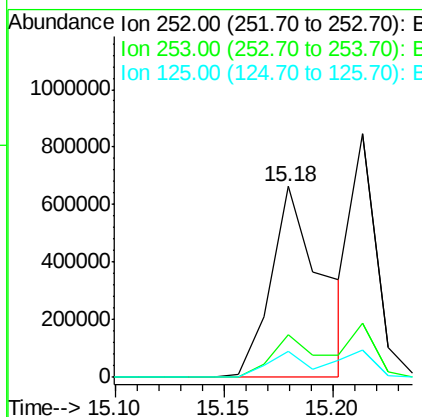
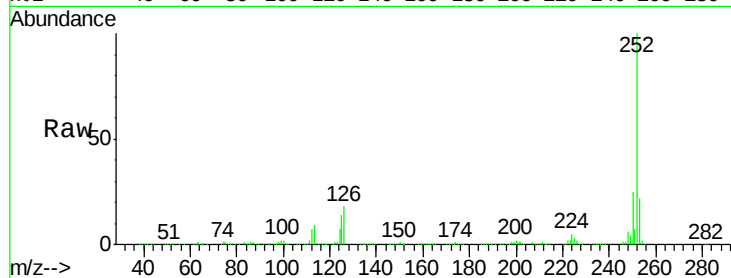
#87
Benzo(b)fluoranthene
Concen: 46.00 ng
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB88654BS

Tgt Ion:252 Resp: 1091051
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 13.8 11.3 16.9

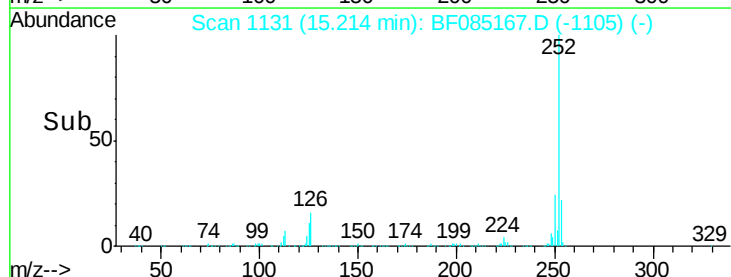
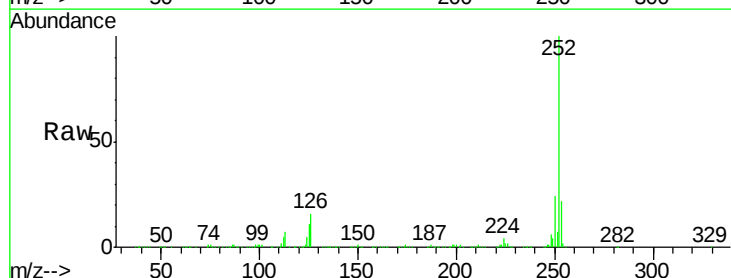
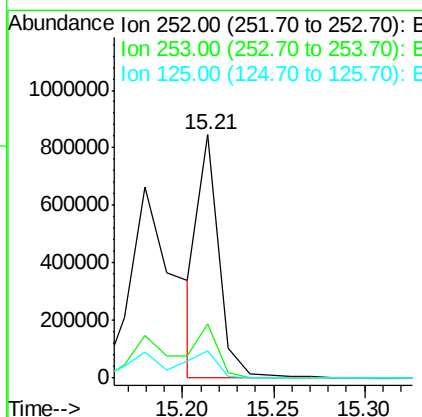
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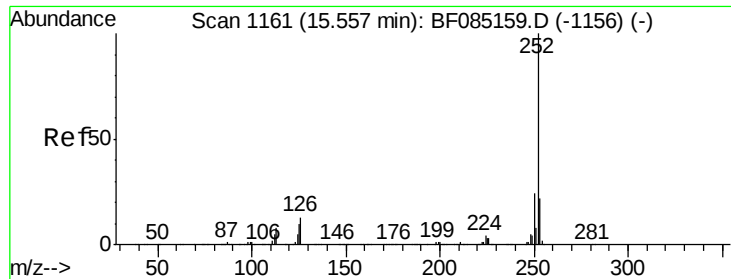
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#88
Benzo(k)fluoranthene
Concen: 35.43 ng m
RT: 15.21 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion:252 Resp: 677758
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.2 10.4 15.6





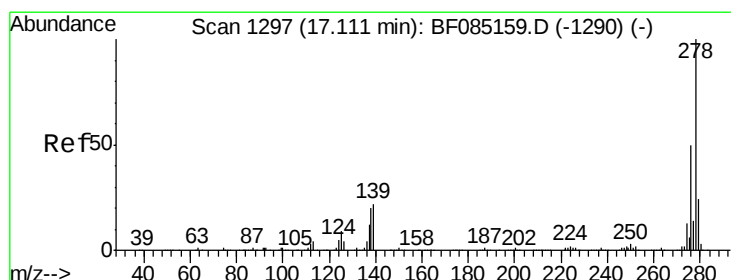
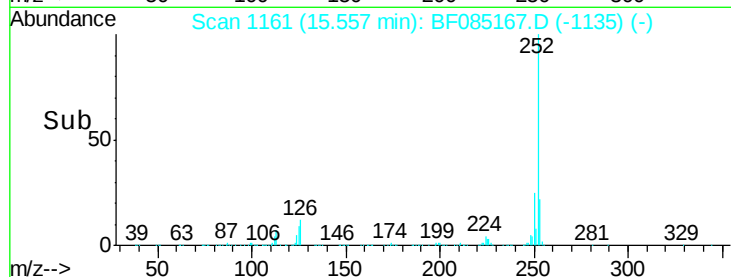
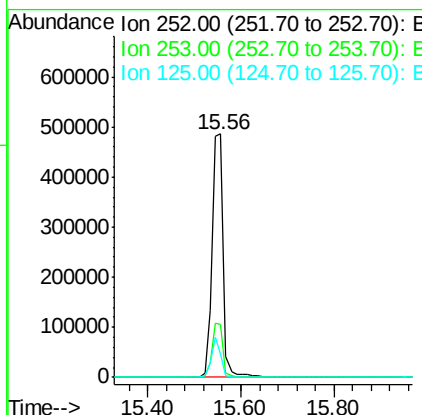
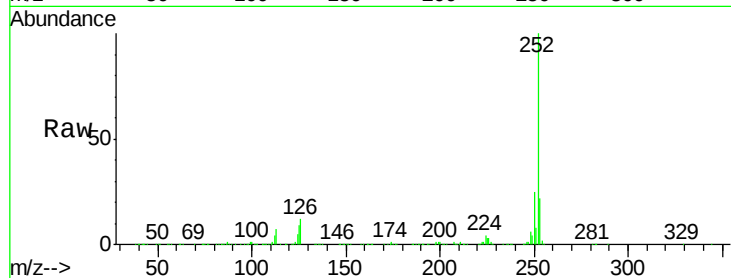
#89
Benzo(a)pyrene
Concen: 41.49 ng
RT: 15.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PB88654BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.4	8.2	12.4

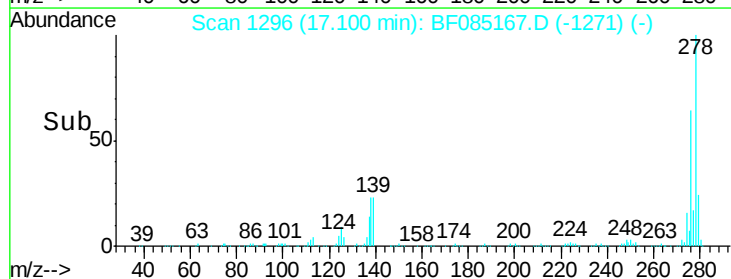
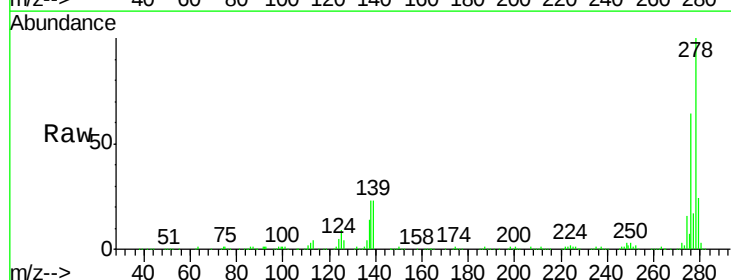
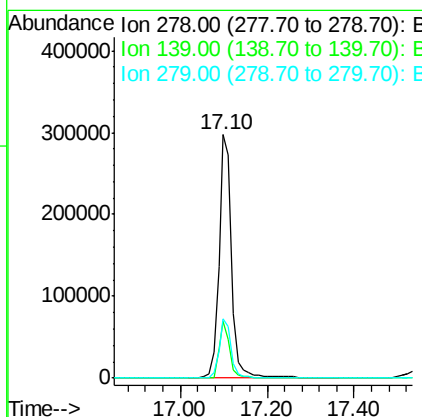
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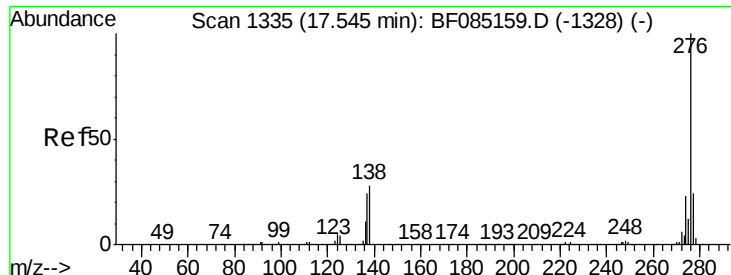
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#90
Dibenzo(a,h)anthracene
Concen: 36.43 ng
RT: 17.10 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF085167.D
Acq: 3 Mar 2016 20:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	17.3	25.9
279	24.3	19.2	28.8





#91
 Benzo(g,h,i)perylene
 Concen: 34.81 ng
 RT: 17.53 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF085167.D
 Acq: 3 Mar 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PB88654BS

Tgt	Ion	276	Resp:	587205
	Ratio	Lower	Upper	
276	100			
277	23.5	19.0	28.4	
138	28.6	22.5	33.7	

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