

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085027.D
 Acq On : 11 Feb 2016 19:35
 Operator : SJ/IZ
 Sample : H1377-12MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Manual Integrations
 APPROVED

Sohil
 2/12/2016 12:26:14 PM

Quant Time: Feb 11 22:33:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	137858	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	588903	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	272632	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	509311	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	316969	20.00	ng	-0.01
86) Perylene-d12	15.11	264	277907	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1353449	152.92	ng	0.01
7) Phenol-d6	6.27	99	1589426	144.86	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1011529	96.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	422923	148.72	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1539195	101.83	ng	-0.01
78) Terphenyl-d14	12.72	244	1490143	106.53	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	136675	35.25	ng	# 71
3) Pyridine	2.74	79	423819	41.96	ng	# 68
4) n-Nitrosodimethylamine	2.71	42	230012	44.03	ng	84
6) Aniline	6.27	93	368306	27.43	ng	# 84
8) 2-Chlorophenol	6.40	128	461459	46.06	ng	96
9) Benzaldehyde	6.15	77	124671	19.24	ng	96
10) Phenol	6.28	94	456131	37.11	ng	88
11) bis(2-Chloroethyl)ether	6.36	93	434185m	45.30	ng	
12) 1,3-Dichlorobenzene	6.55	146	441196	41.68	ng	# 94
13) 1,4-Dichlorobenzene	6.63	146	459881	43.46	ng	95
14) 1,2-Dichlorobenzene	6.78	146	382885	38.85	ng	96
15) Benzyl Alcohol	6.76	79	362827	47.89	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	660062	40.94	ng	83
17) 2-Methylphenol	6.89	107	345930	43.66	ng	# 92
18) Hexachloroethane	7.12	117	170509	41.84	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	319675	46.48	ng	# 72
20) 3+4-Methylphenols	7.05	107	451778	45.94	ng	88
22) Acetophenone	7.04	105	651804	41.99	ng	# 94
24) Nitrobenzene	7.21	77	455970	40.73	ng	# 81
25) Isophorone	7.45	82	862553	42.43	ng	98
26) 2-Nitrophenol	7.52	139	224717	40.70	ng	# 83
27) 2,4-Dimethylphenol	7.58	122	400587	41.71	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	565548	46.90	ng	98
29) 2,4-Dichlorophenol	7.77	162	391048	47.59	ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	371082	39.98	ng	98
31) Naphthalene	7.92	128	1198866	40.58	ng	99
32) Benzoic acid	7.68	122	53422	8.70	ng	90
33) 4-Chloroaniline	7.98	127	214148	17.53	ng	98
34) Hexachlorobutadiene	8.04	225	215812	40.33	ng	99
35) Caprolactam	8.36	113	118663m	46.85	ng	
36) 4-Chloro-3-methylphenol	8.48	107	407941	43.52	ng	94
37) 2-Methylnaphthalene	8.62	142	872662	47.20	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	330527	38.17	ng	98
40) Hexachlorocyclopentadiene	8.76	237	257872	70.81	ng	98

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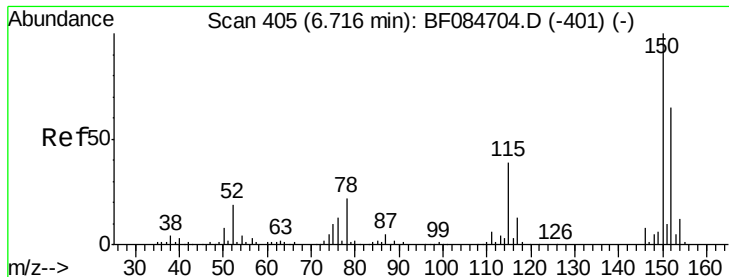
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	251535	45.09	ng	95
43) 2,4,5-Trichlorophenol	8.95	196	260220	45.91	ng #	90
45) 1,1'-Biphenyl	9.08	154	1005458	41.29	ng	95
46) 2-Chloronaphthalene	9.10	162	696296	38.83	ng	97
47) 2-Nitroaniline	9.21	65	268005	47.20	ng #	67
48) Acenaphthylene	9.51	152	1081486	39.74	ng	98
49) Dimethylphthalate	9.39	163	1078748	51.95	ng #	90
50) 2,6-Dinitrotoluene	9.45	165	178105	39.26	ng #	50
51) Acenaphthene	9.68	154	692837	39.13	ng	97
52) 3-Nitroaniline	9.62	138	146110	28.66	ng #	70
53) 2,4-Dinitrophenol	9.74	184	148906	71.77	ng	87
54) Dibenzofuran	9.86	168	1008741	46.62	ng	98
55) 4-Nitrophenol	9.80	139	238221	63.59	ng #	77
56) 2,4-Dinitrotoluene	9.86	165	255185	44.11	ng #	78
57) Fluorene	10.19	166	718382	39.76	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	208826	48.40	ng #	86
59) Diethylphthalate	10.09	149	826851	40.78	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	352874	46.77	ng	96
61) 4-Nitroaniline	10.24	138	223809	45.06	ng	83
62) Azobenzene	10.35	77	915316	46.95	ng	91
64) 4,6-Dinitro-2-methylphenol	10.26	198	125584	39.95	ng #	57
65) n-Nitrosodiphenylamine	10.32	169	718889	44.45	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	245408	43.63	ng	98
67) Hexachlorobenzene	10.74	284	246181	40.16	ng #	89
68) Atrazine	10.86	200	257404	50.40	ng	97
69) Pentachlorophenol	10.95	266	238875	82.92	ng	98
70) Phenanthrene	11.15	178	1168099	41.35	ng	98
71) Anthracene	11.20	178	1166324	40.97	ng	100
72) Carbazole	11.37	167	1104839	44.51	ng	97
73) Di-n-butylphthalate	11.70	149	1257208	39.79	ng #	97
74) Fluoranthene	12.33	202	1074239	37.57	ng	99
76) Benzidine	12.47	184	303415	27.40	ng	97
77) Pyrene	12.56	202	1072667	44.20	ng	99
79) Butylbenzylphthalate	13.20	149	513211	46.62	ng #	84
80) Benzo(a)anthracene	13.75	228	901133	45.81	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	157607	22.63	ng #	94
82) Chrysene	13.78	228	655309	34.35	ng	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	632137	46.14	ng	98
84) Di-n-octyl phthalate	14.37	149	964005	42.65	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.37	276	809084	53.88	ng	99
87) Benzo(b)fluoranthene	14.75	252	880533m	47.16	ng	
88) Benzo(k)fluoranthene	14.78	252	554358m	35.91	ng	
89) Benzo(a)pyrene	15.06	252	688729	43.29	ng	99
90) Dibenzo(a,h)anthracene	16.38	278	671542	50.14	ng #	96
91) Benzo(g,h,i)perylene	16.74	276	695841	51.58	ng	96

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



#1

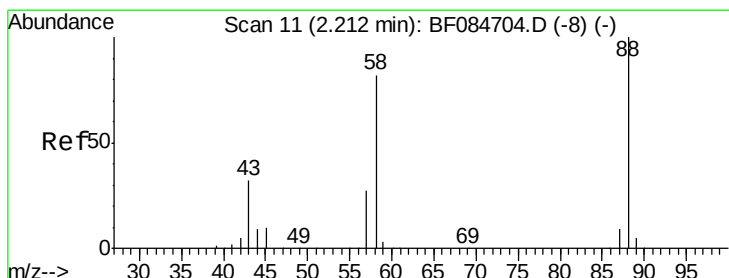
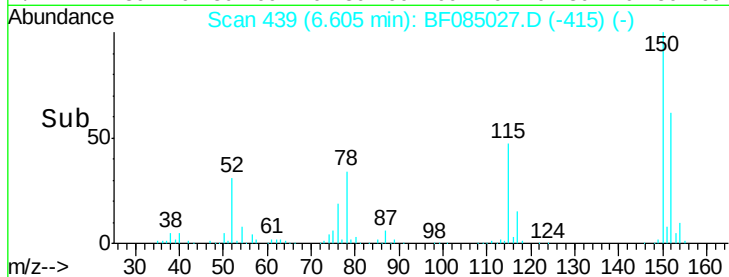
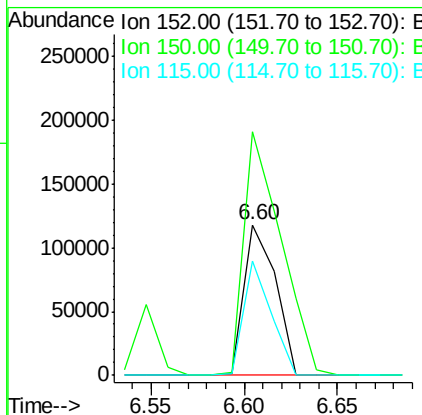
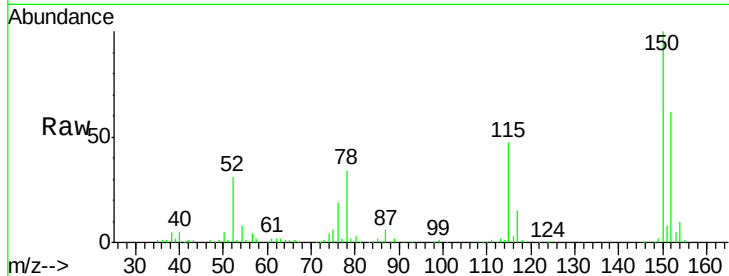
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	137858		
150	161.7	123.0	184.4	
115	76.1	51.4	77.2	

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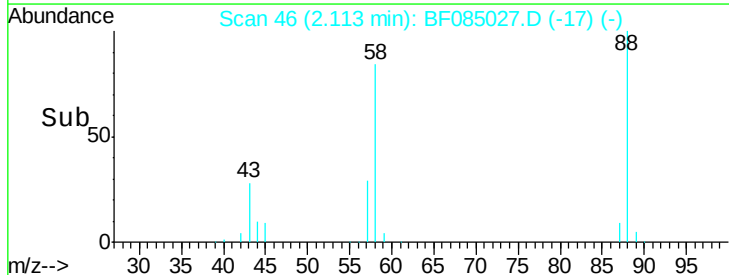
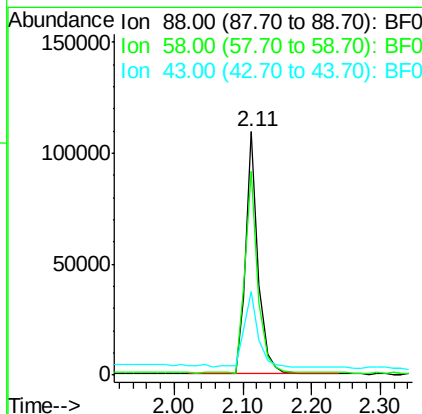
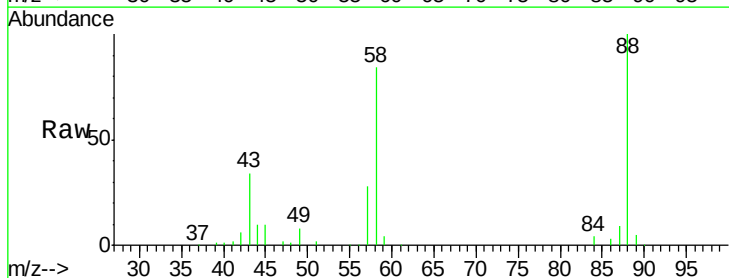
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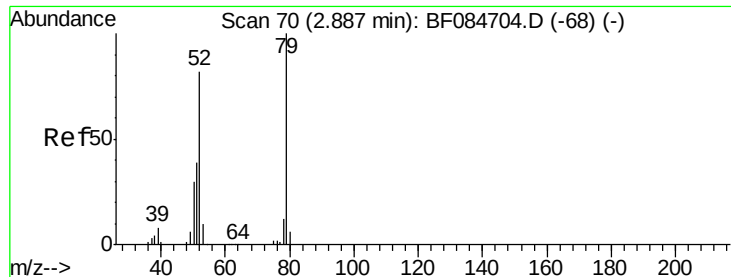


#2

1,4-Dioxane
Concen: 35.25 ng
RT: 2.11 min Scan# 46
Delta R.T. 0.03 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	136675		
58	89.1	51.2	76.8#	
43	33.9	19.5	29.3#	





#3

Pyridine

Concen: 41.96 ng

RT: 2.74 min Scan# 101

Delta R.T. 0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

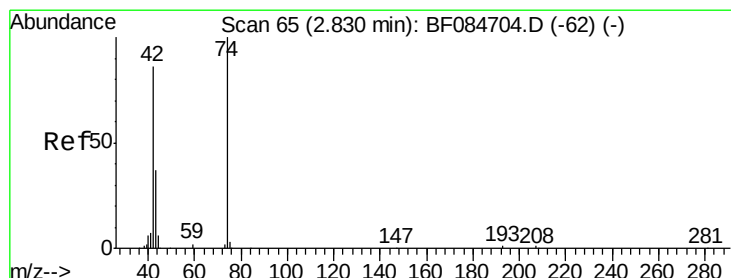
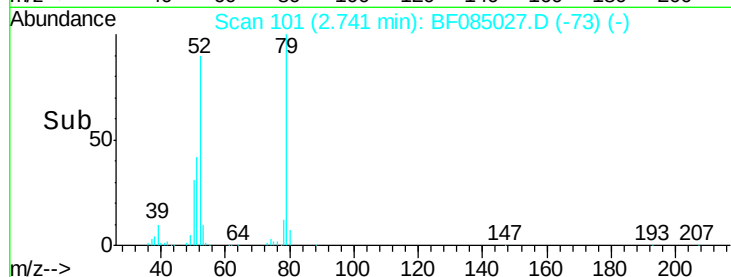
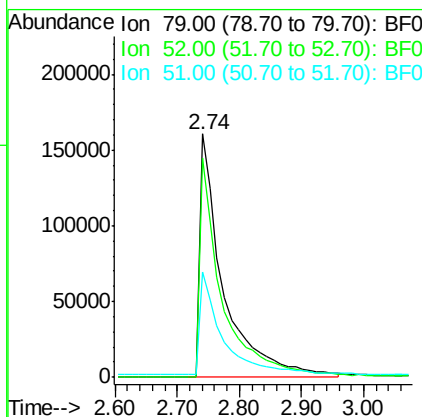
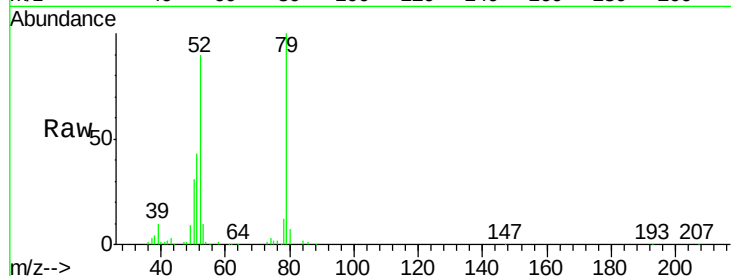
ClientSampleId :

SB03-2-3MSD

Tgt Ion:	79	Resp:	423819
Ion Ratio	Lower	Upper	
79	100		
52	90.2	49.0	73.4#
51	43.3	25.2	37.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.03 ng

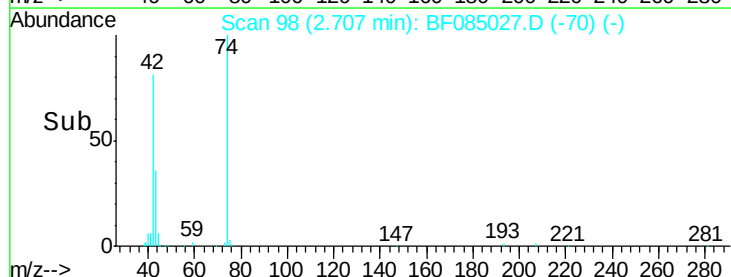
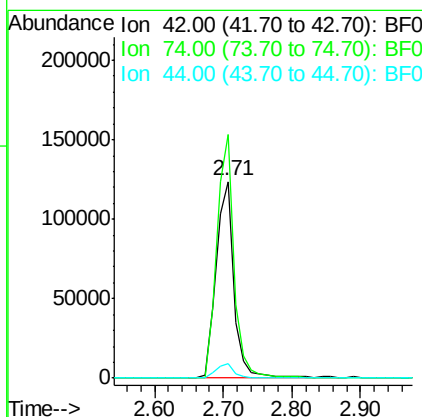
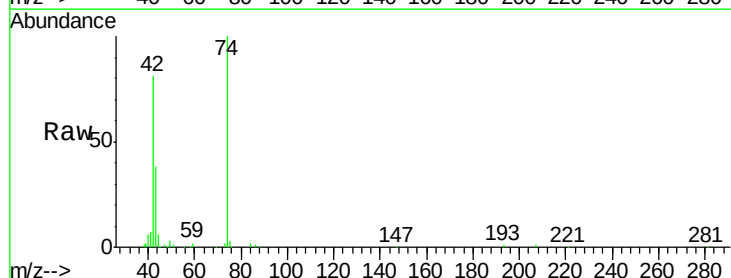
RT: 2.71 min Scan# 98

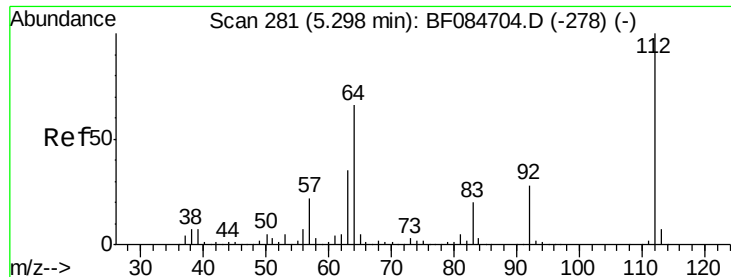
Delta R.T. 0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion:	42	Resp:	230012
Ion Ratio	Lower	Upper	
42	100		
74	123.9	115.7	173.5
44	7.6	5.1	7.7





#5

2-Fluorophenol

Concen: 152.92 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

Tgt Ion: 112 Resp: 1353449

Ion Ratio Lower Upper

112 100

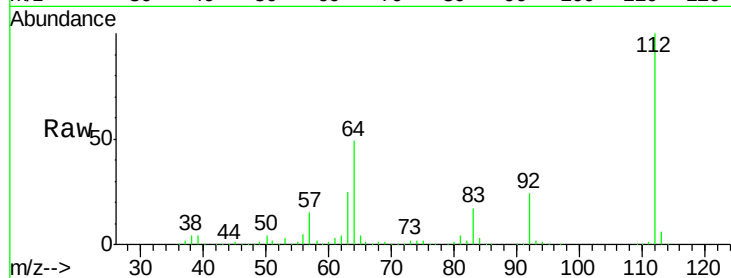
64 48.9 36.6 55.0

63 25.2 19.4 29.0

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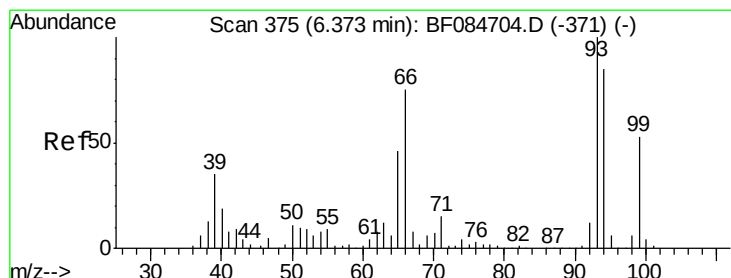
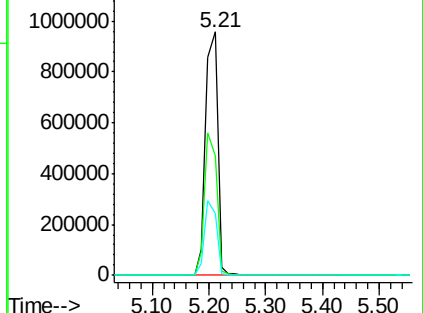
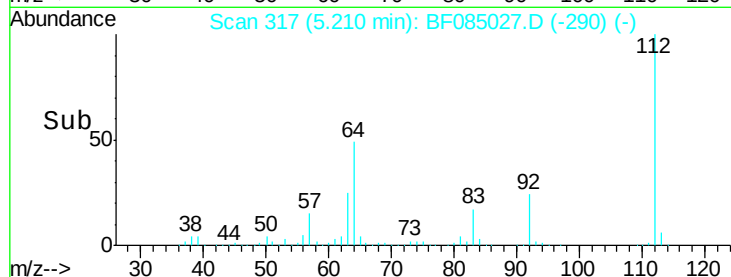
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.43 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

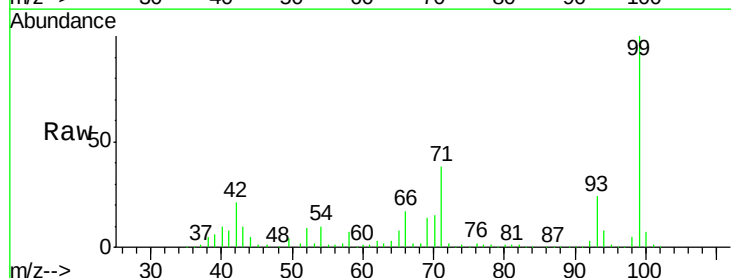
Tgt Ion: 93 Resp: 368306

Ion Ratio Lower Upper

93 100

66 71.5 44.9 67.3#

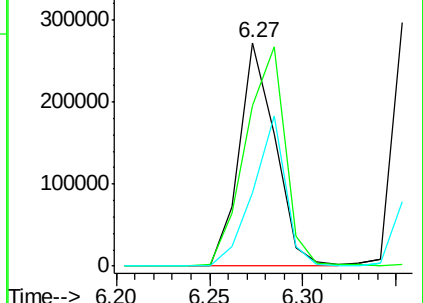
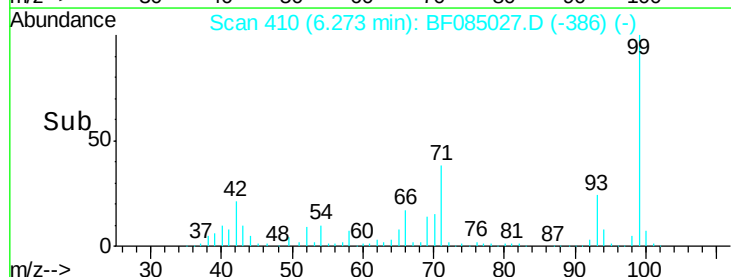
65 32.7 23.7 35.5

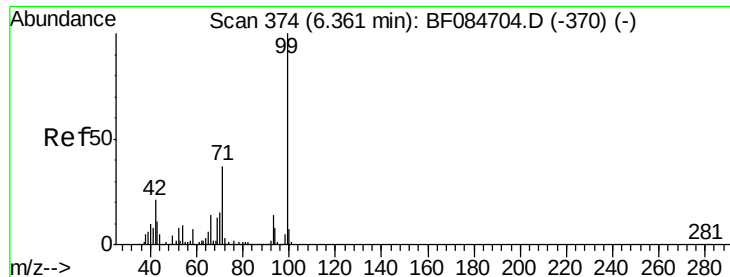


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.86 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

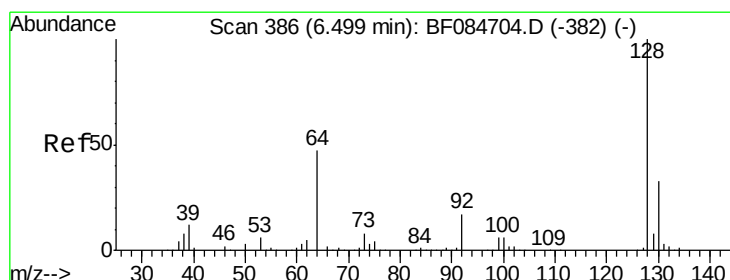
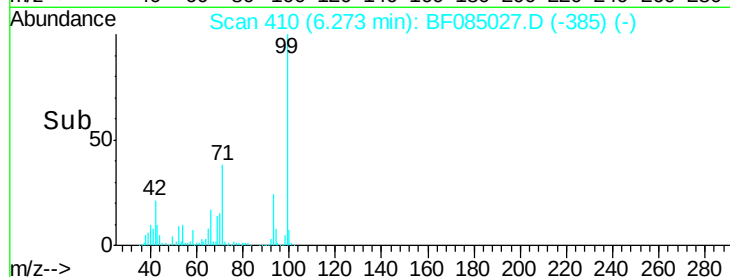
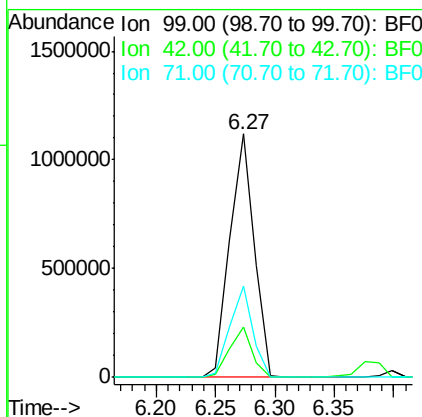
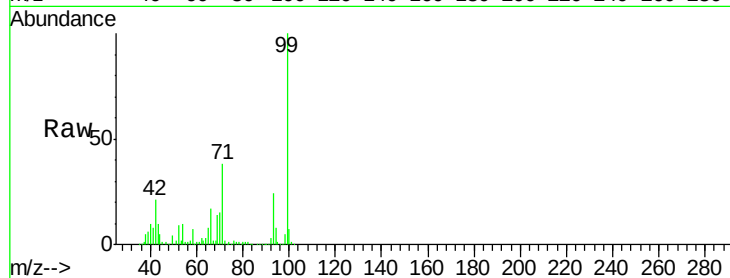
ClientSampleId :

SB03-2-3MSD

Tgt Ion	Ion	Ratio	Lower	Upper
99	100			
42	20.7	12.8	19.2#	
71	37.5	30.9	46.3	

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#8

2-Chlorophenol

Concen: 46.06 ng

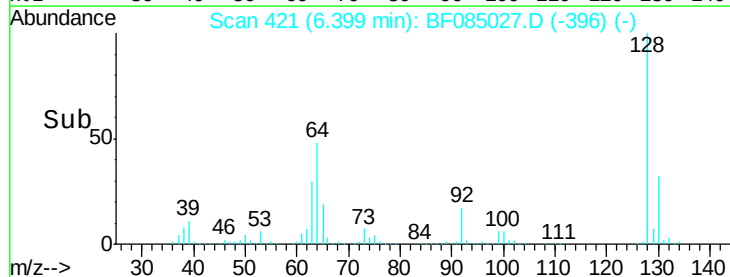
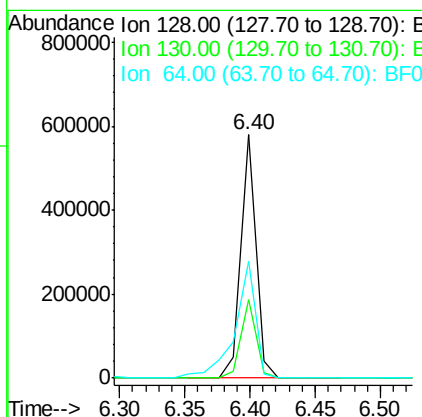
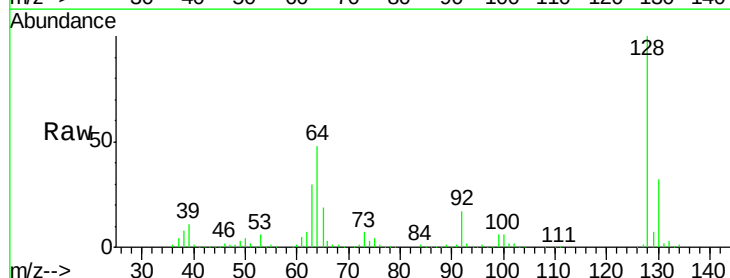
RT: 6.40 min Scan# 421

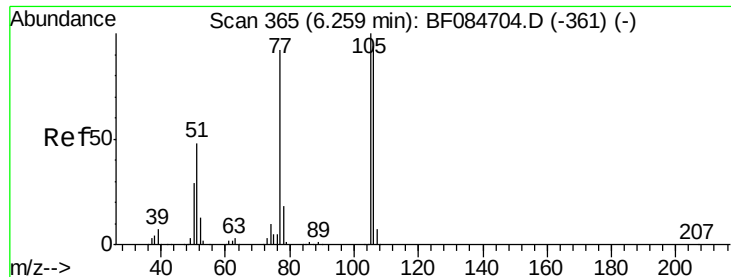
Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
130	32.4	11.6	51.6	
64	48.0	23.8	63.8	





#9

Benzaldehyde

Concen: 19.24 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF085027.D

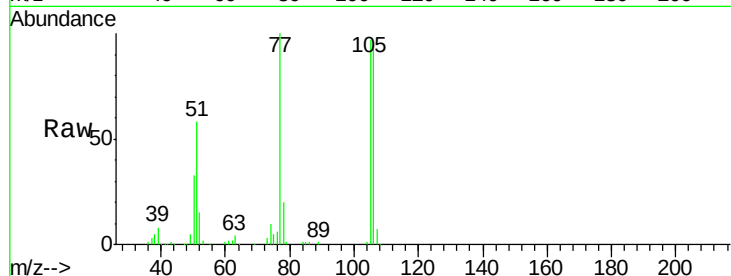
Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

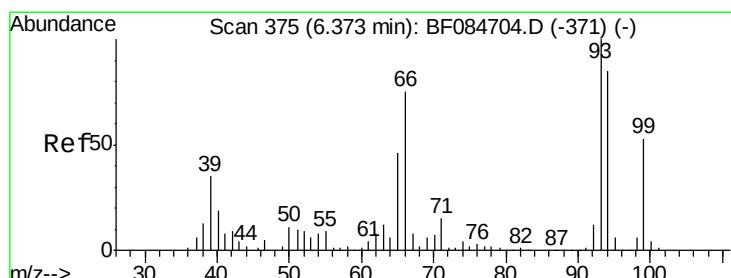
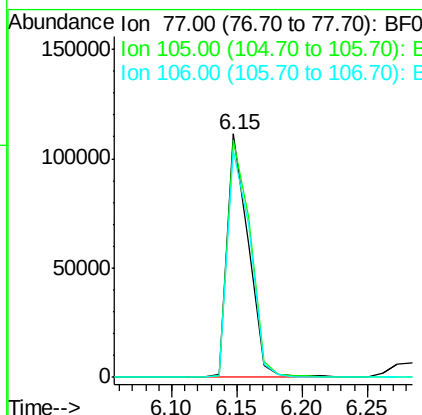
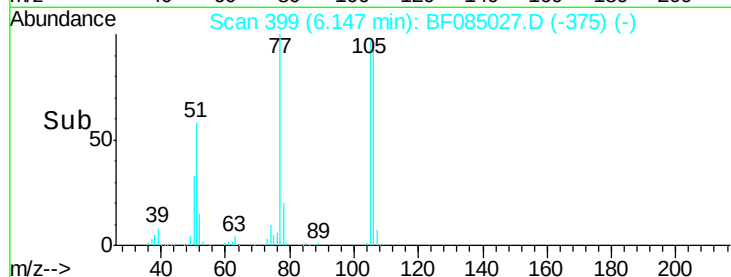
SB03-2-3MSD



Tgt Ion:	77	Resp:	124671
Ion Ratio	Lower	Upper	
77	100		
105	97.3	83.0	123.0
106	93.1	74.6	114.6

Manual Integrations
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#10

Phenol

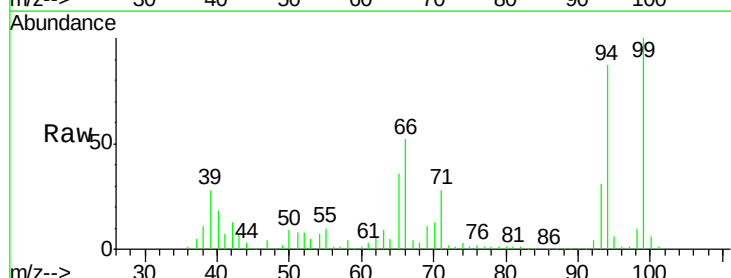
Concen: 37.11 ng

RT: 6.28 min Scan# 411

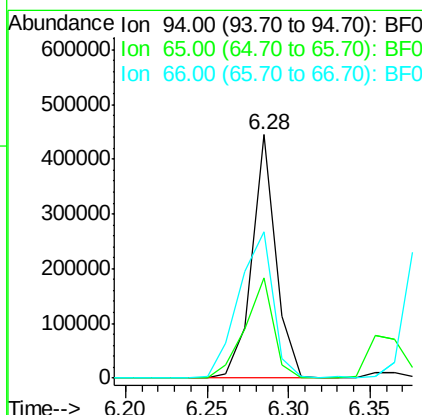
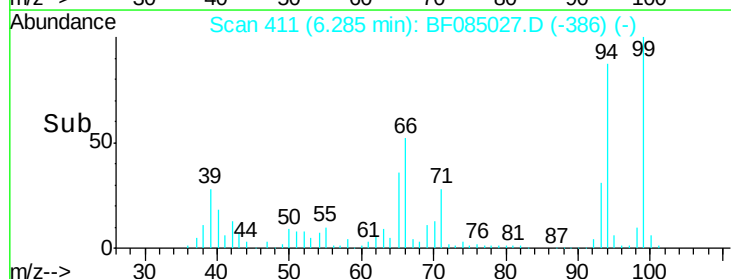
Delta R.T. -0.01 min

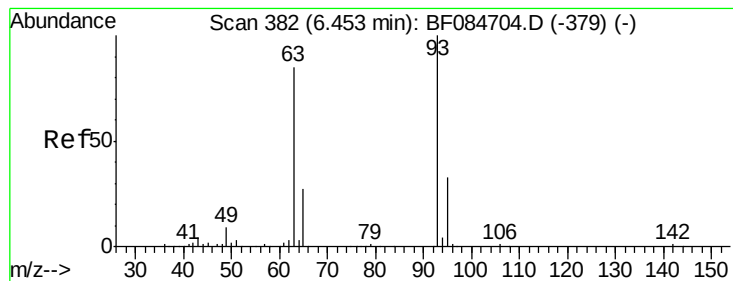
Lab File: BF085027.D

Acq: 11 Feb 2016 19:35



Tgt Ion:	94	Resp:	456131
Ion Ratio	Lower	Upper	
94	100		
65	41.2	12.9	52.9
66	59.9	32.7	72.7





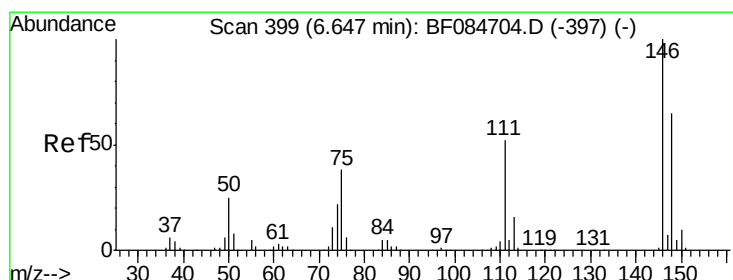
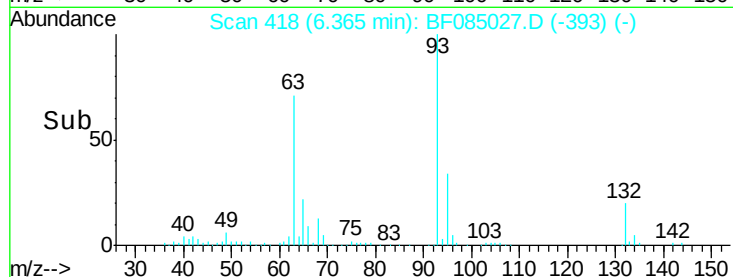
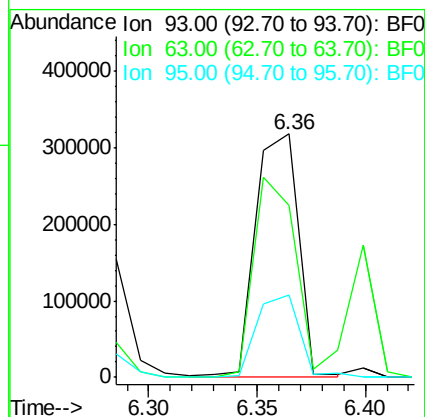
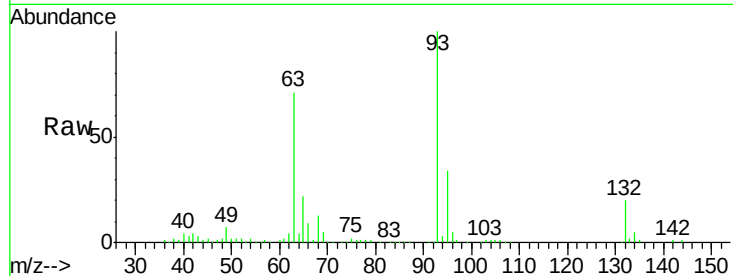
#11
bis(2-Chloroethyl)ether
Concen: 45.30 ng m
RT: 6.36 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	70.8	45.9	85.9
95	33.9	12.3	52.3

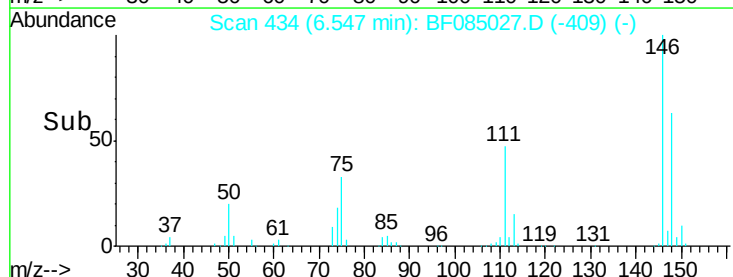
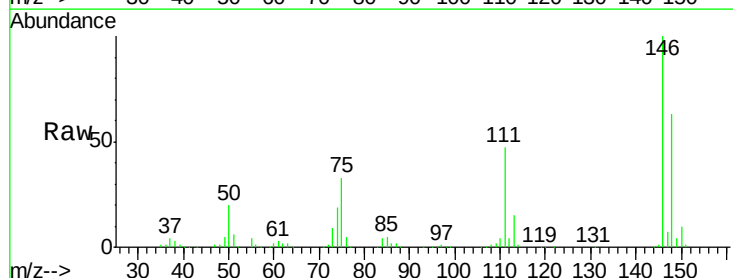
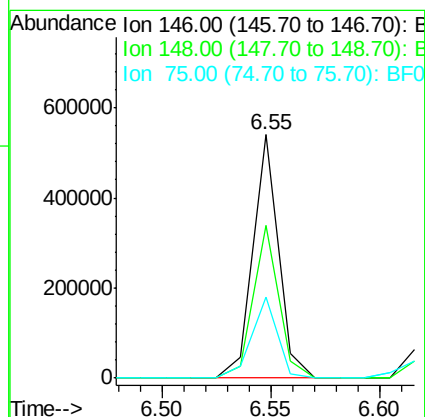
Manual Integrations
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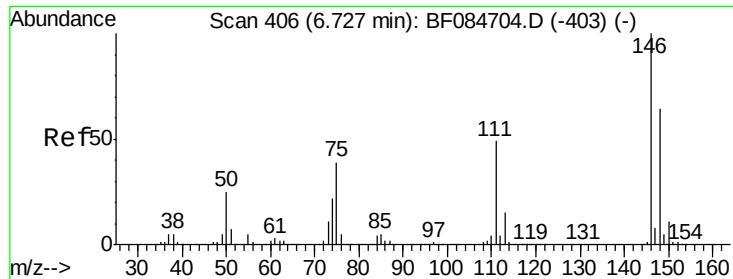
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.68 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.0	51.9	77.9
75	33.4	20.5	30.7





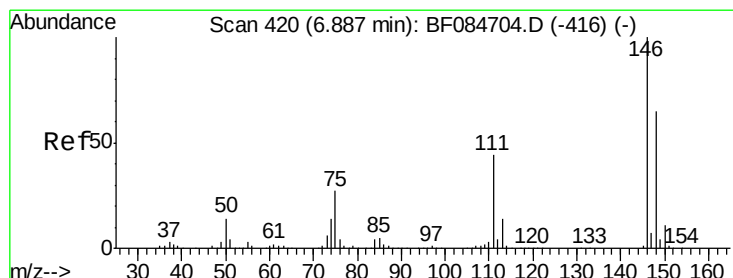
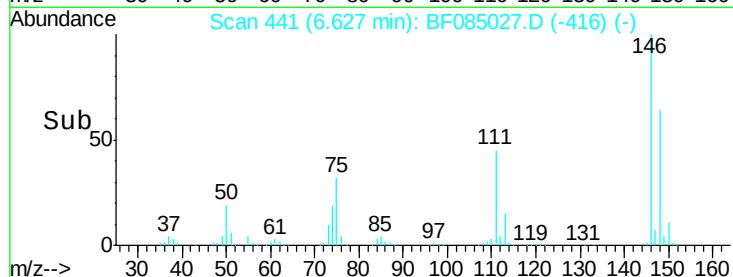
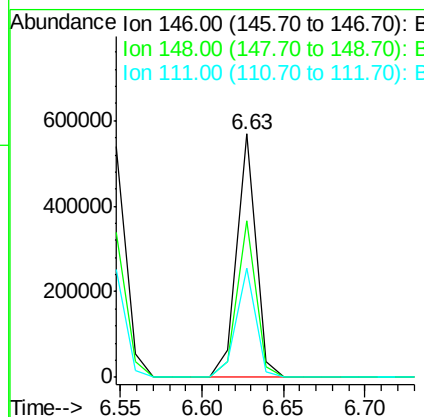
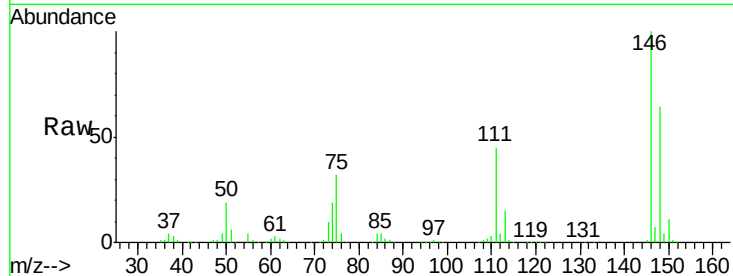
#13
 1,4-Dichlorobenzene
 Concen: 43.46 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	459881		
148	64.3	51.9	77.9	
111	44.9	41.6	62.4	

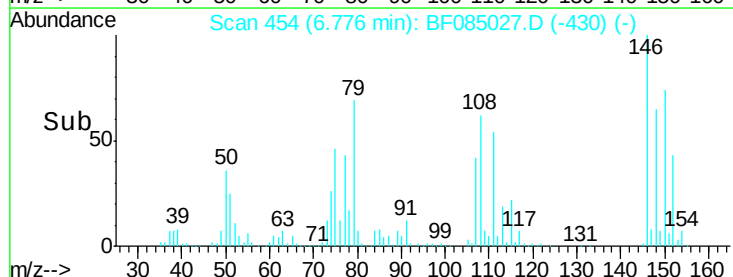
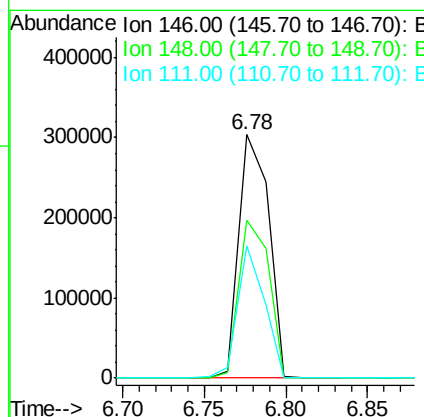
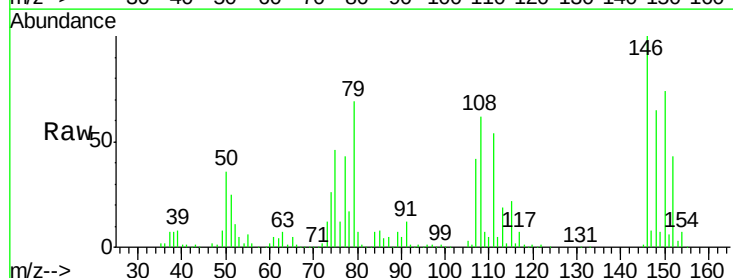
Manual Integrations
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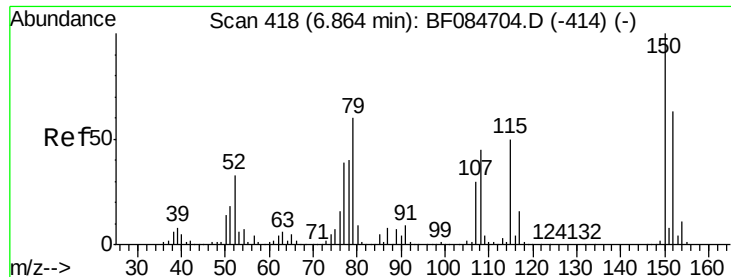
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#14
 1,2-Dichlorobenzene
 Concen: 38.85 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	382885		
148	64.6	51.6	77.4	
111	54.1	38.0	57.0	





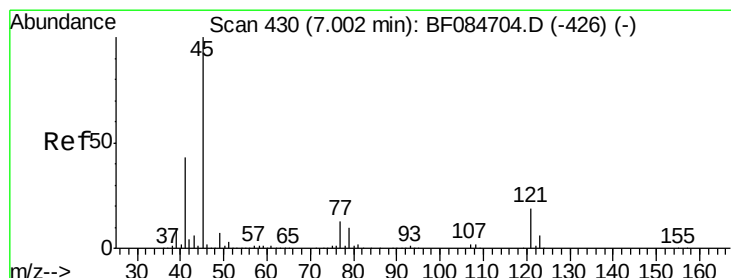
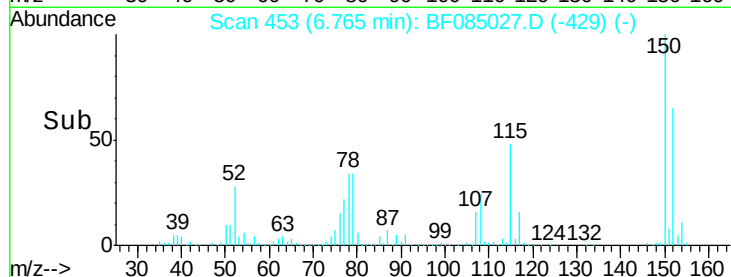
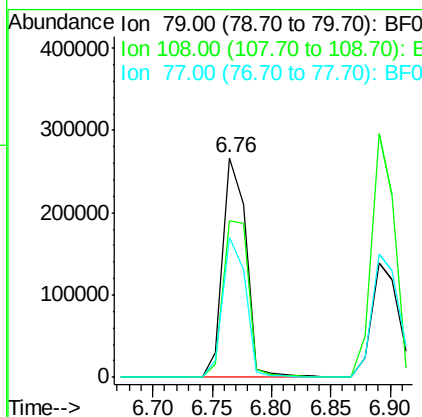
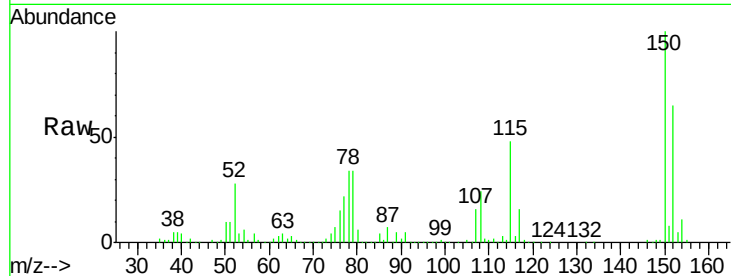
#15
Benzyl Alcohol
Concen: 47.89 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	71.4	69.0	103.4
77	63.8	50.0	75.0

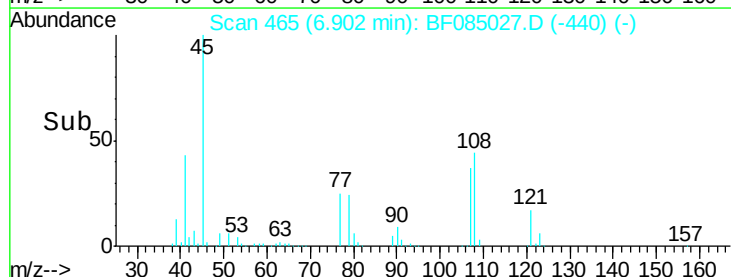
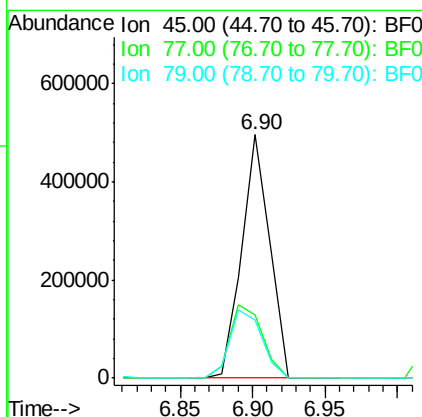
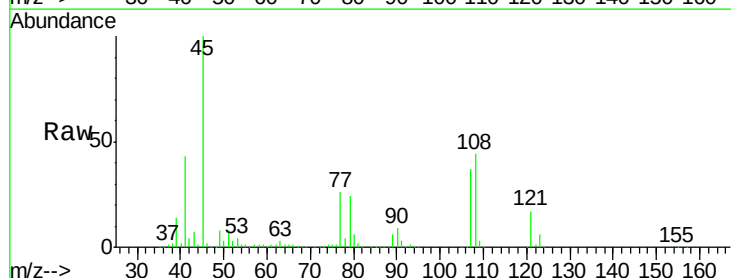
Manual Integrations
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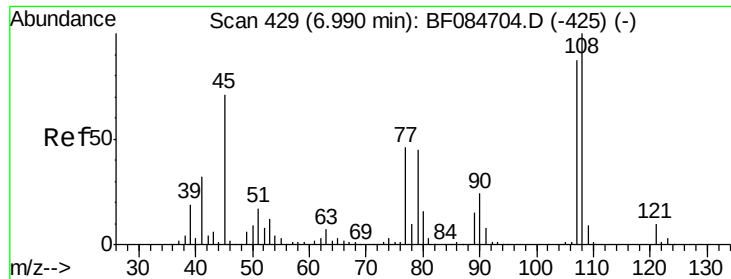
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.94 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.1	0.0	39.6
79	24.0	0.0	35.0





#17

2-Methylphenol

Concen: 43.66 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.02 min

Lab File: BF085027.D

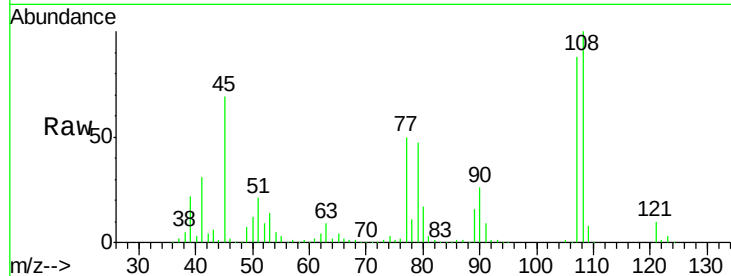
Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

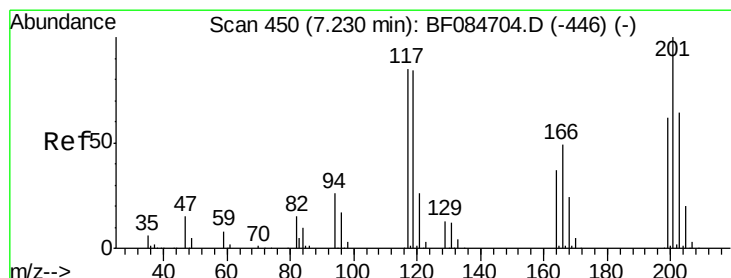
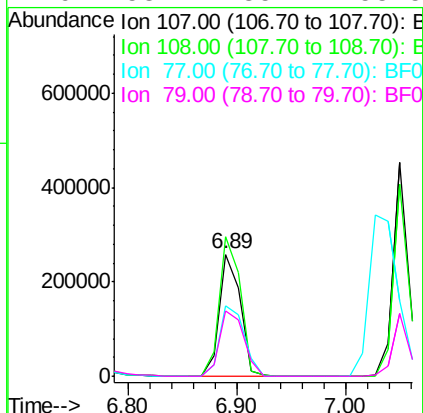
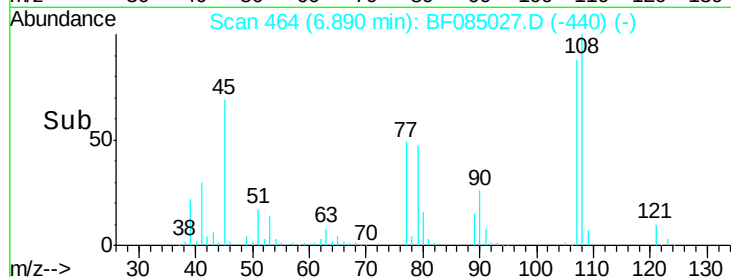
SB03-2-3MSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	345930		
108	114.1	89.8	134.6	
77	57.5	35.7	53.5#	
79	53.7	35.7	53.5#	

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#18

Hexachloroethane

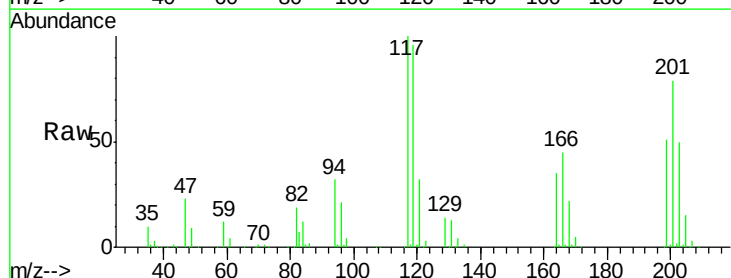
Concen: 41.84 ng

RT: 7.12 min Scan# 484

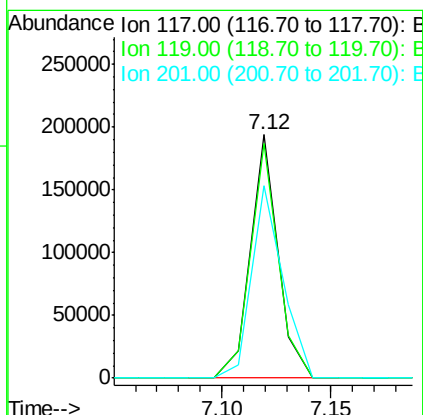
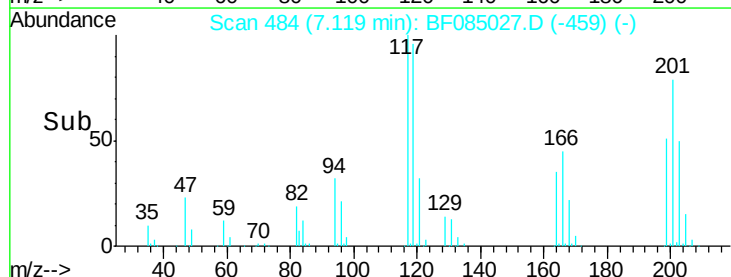
Delta R.T. -0.01 min

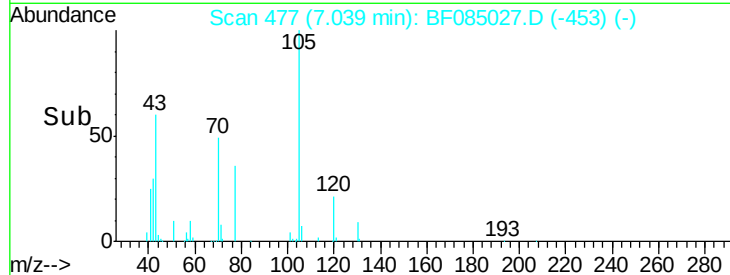
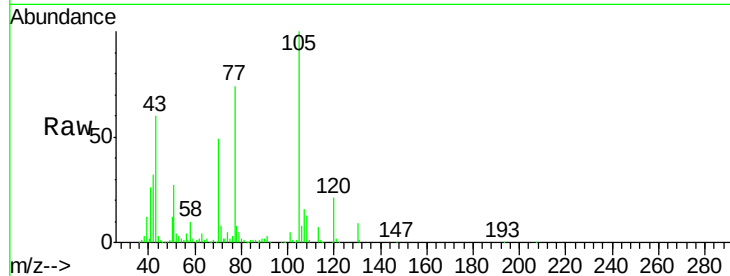
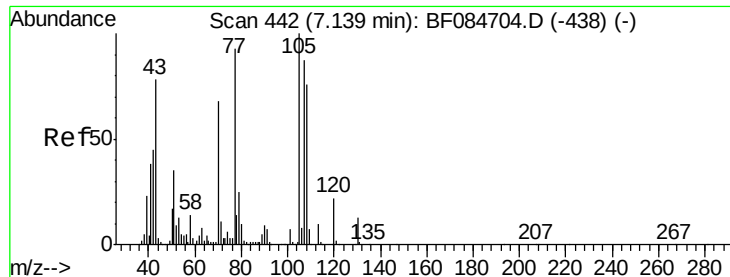
Lab File: BF085027.D

Acq: 11 Feb 2016 19:35



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	170509		
119	96.4	77.4	116.0	
201	79.3	68.6	103.0	





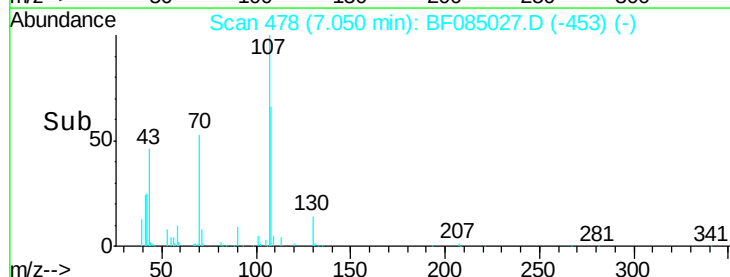
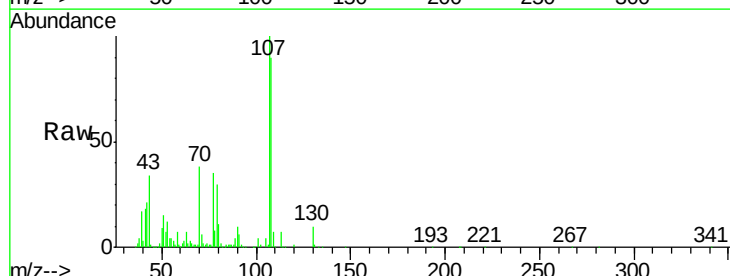
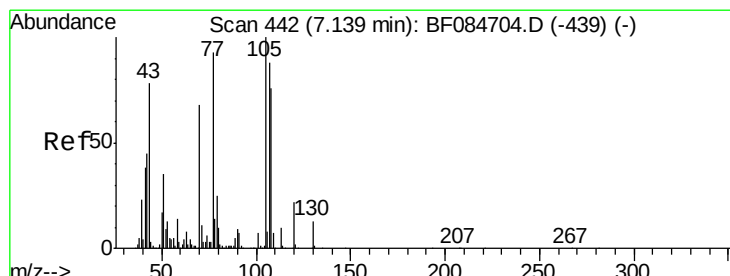
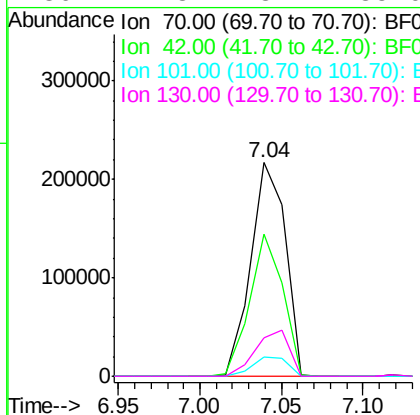
#19
n-Nitroso-di-n-propylamine
Concen: 46.48 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	66.3	33.3	49.9#
101	9.3	9.3	13.9#
130	17.8	23.4	35.0#

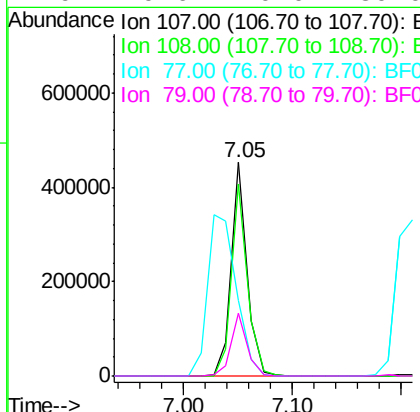
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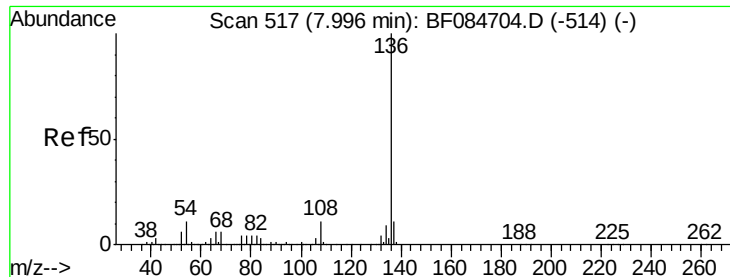
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#20
3+4-Methylphenols
Concen: 45.94 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	89.8	74.6	114.6
77	35.3	0.7	40.7
79	29.6	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

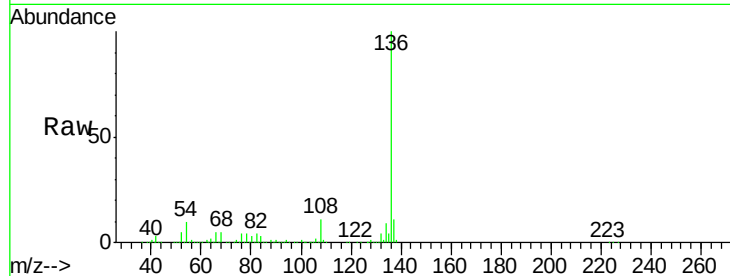
ClientSampleId :

SB03-2-3MSD

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.6	5.8	8.8#
68	5.4	4.2	6.2

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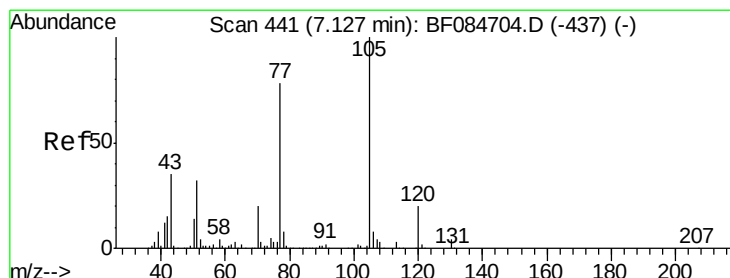
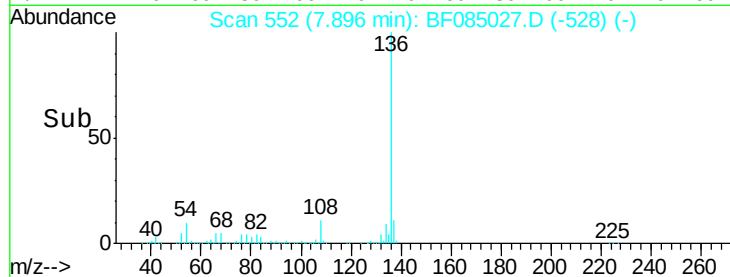
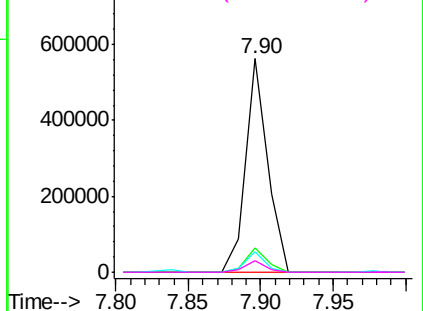


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.99 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

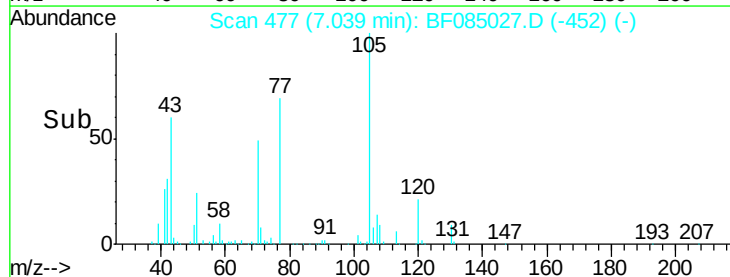
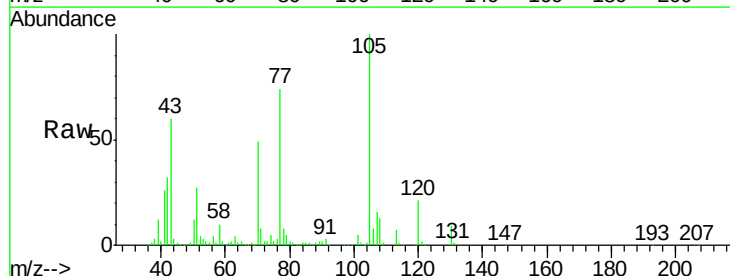
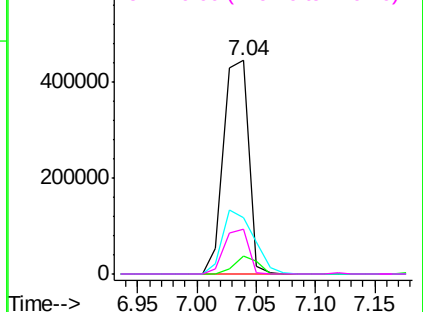
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.2	3.7	5.5#
51	26.6	25.1	37.7
120	21.0	16.6	25.0

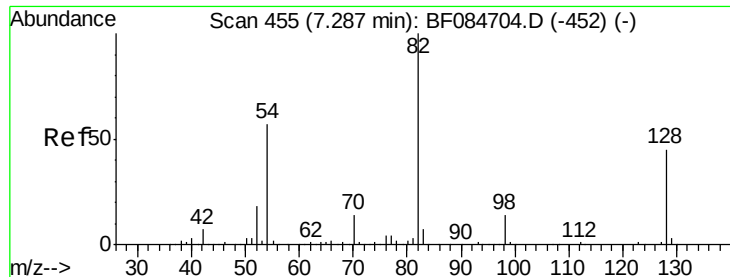
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 96.76 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

Tgt Ion: 82 Resp: 1011529

Ion Ratio Lower Upper

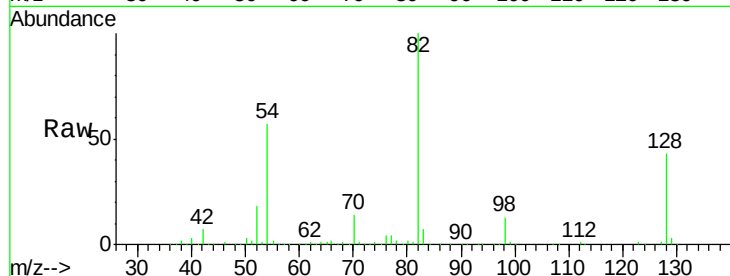
82 100

128 42.9 34.6 51.8

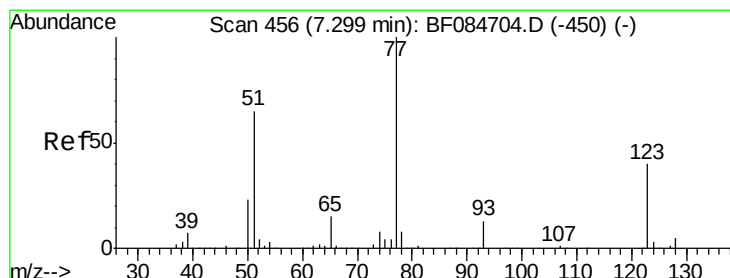
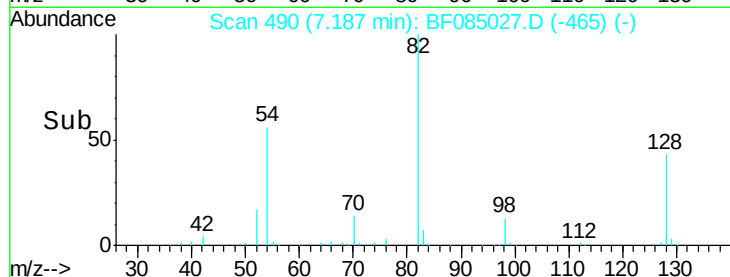
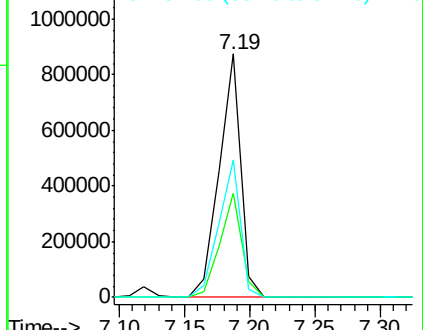
54 56.5 38.4 57.6

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



#24

Nitrobenzene

Concen: 40.73 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

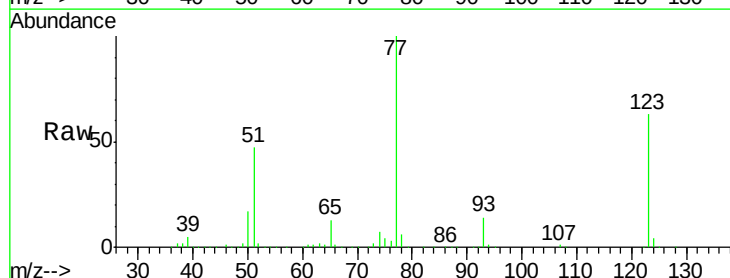
Tgt Ion: 77 Resp: 455970

Ion Ratio Lower Upper

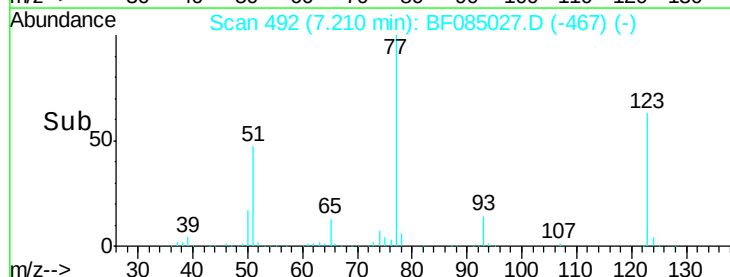
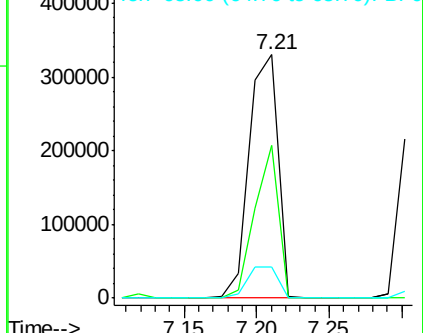
77 100

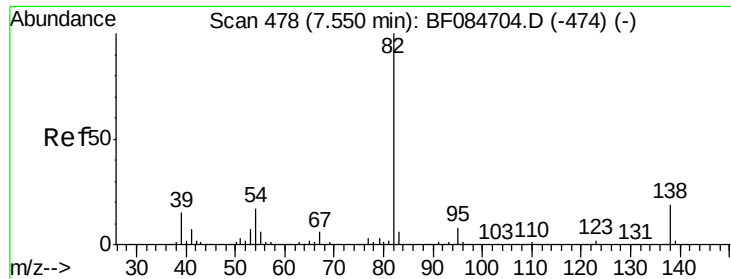
123 62.5 37.4 56.2#

65 13.0 10.9 16.3



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





#25

Isophorone

Concen: 42.43 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

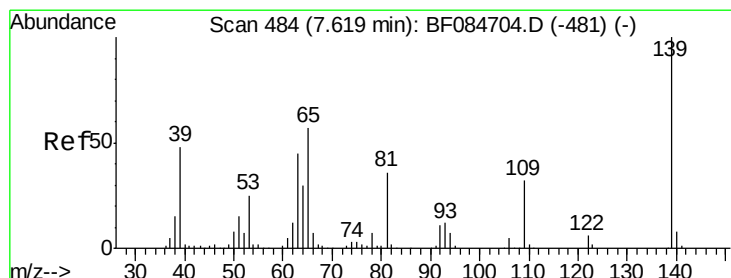
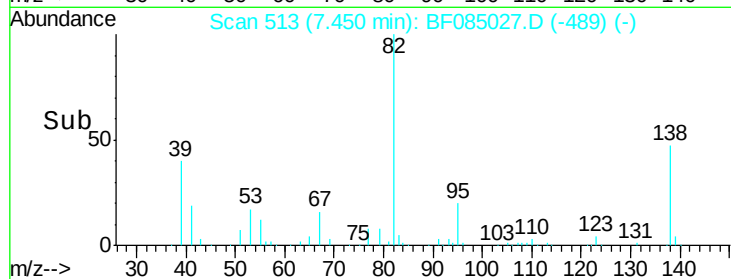
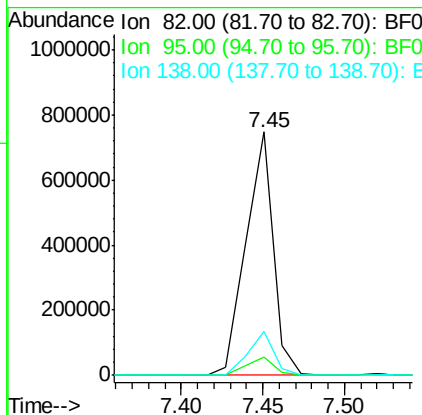
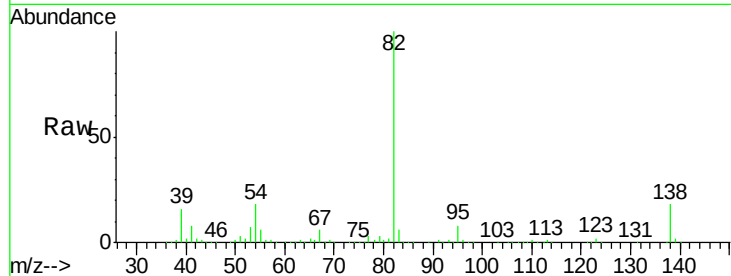
ClientSampleId :

SB03-2-3MSD

Tgt Ion:	82	Resp:	862553
Ion Ratio		Lower	Upper
82	100		
95	7.7	6.6	10.0
138	18.1	13.6	20.4

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#26

2-Nitrophenol

Concen: 40.70 ng

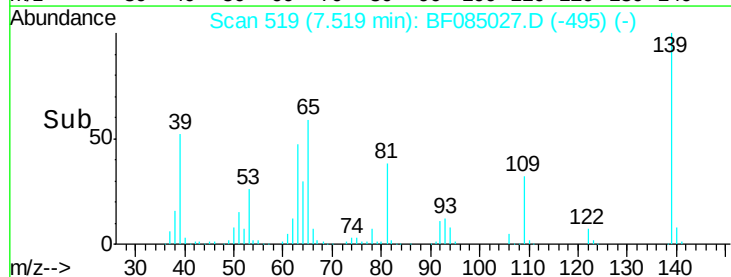
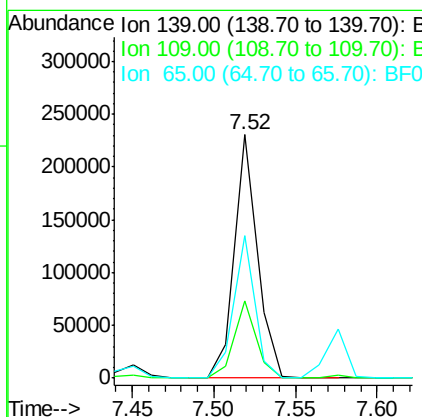
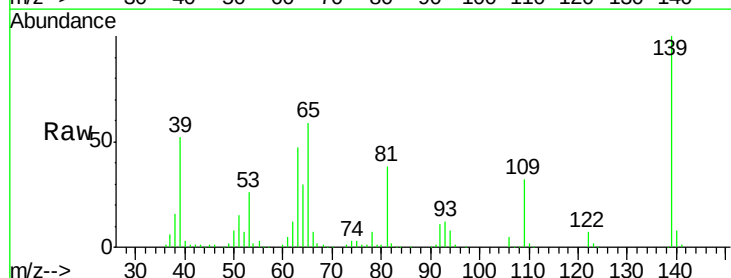
RT: 7.52 min Scan# 519

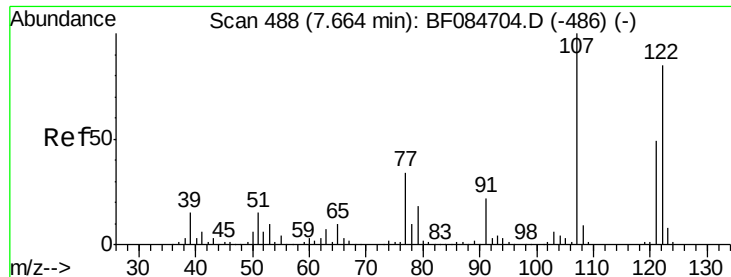
Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion:	139	Resp:	224717
Ion Ratio		Lower	Upper
139	100		
109	31.7	25.4	38.2
65	58.8	32.3	48.5#





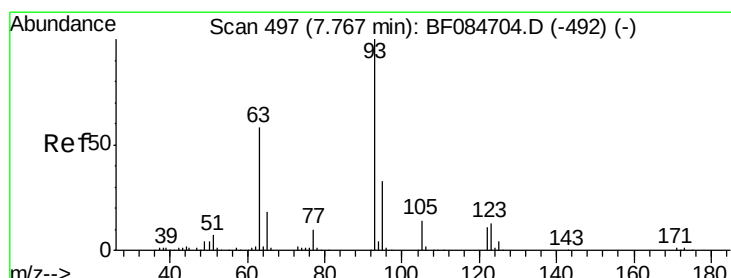
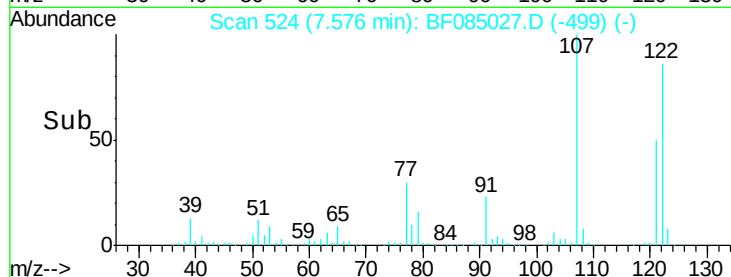
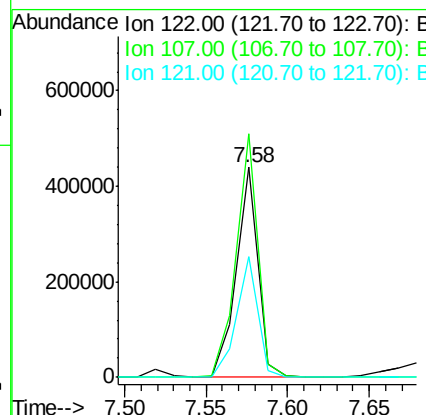
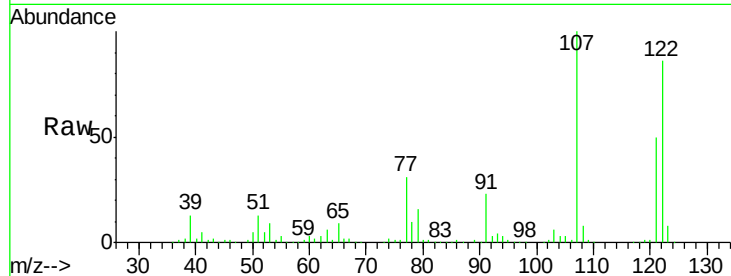
#27
 2,4-Dimethylphenol
 Concen: 41.71 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	400587		
107	115.9	99.1	148.7	
121	57.8	47.9	71.9	

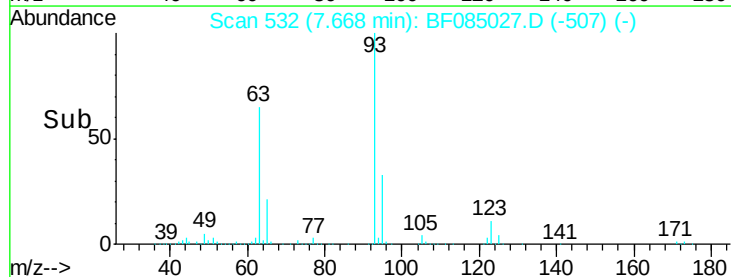
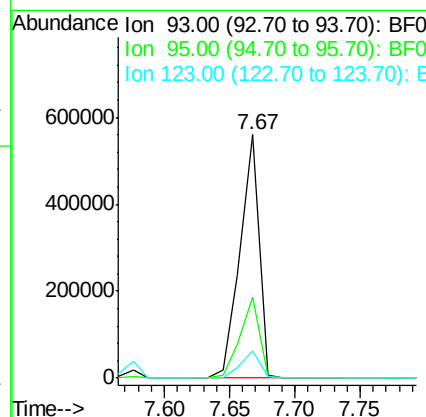
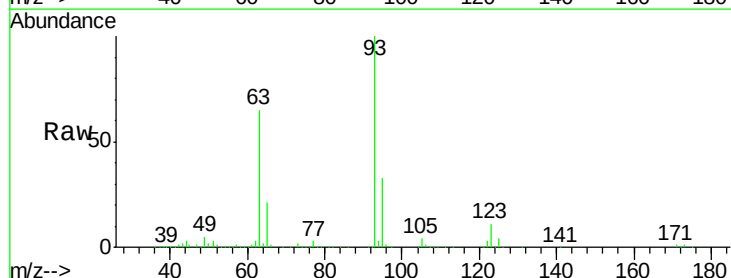
Manual Integrations
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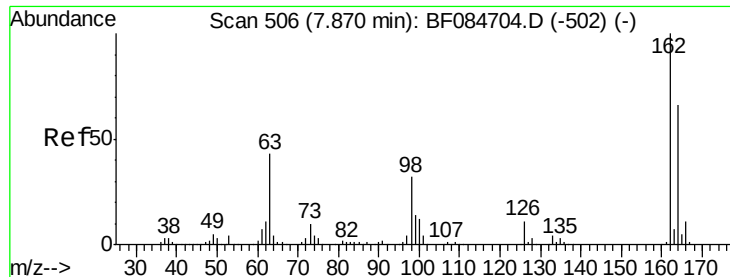
Sohil
 2/12/2016 12:26:14 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.90 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	565548		
95	33.4	25.8	38.6	
123	11.4	8.6	12.8	





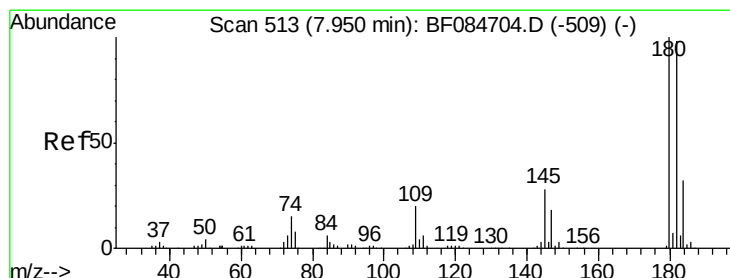
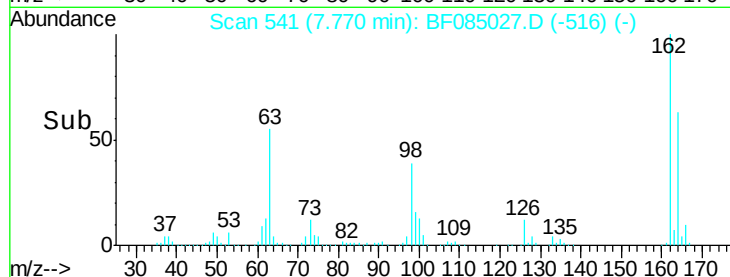
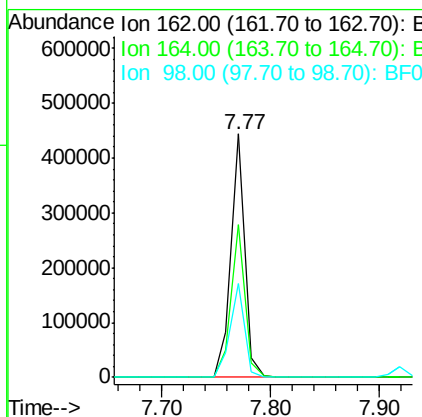
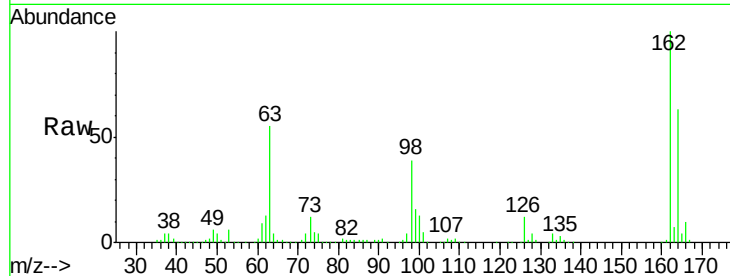
#29
 2,4-Dichlorophenol
 Concen: 47.59 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	391048		
164	62.8	44.1	84.1	
98	38.6	20.2	60.2	

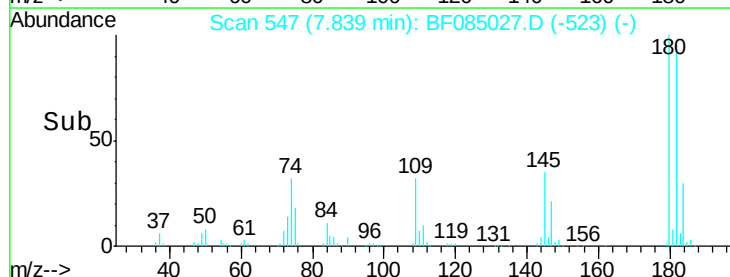
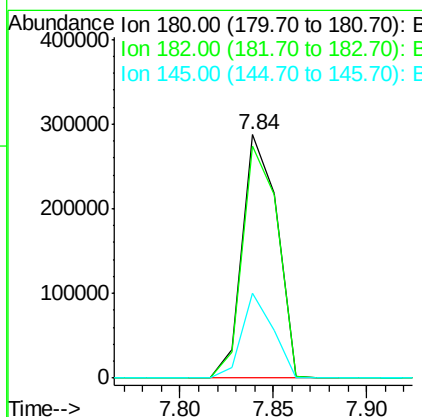
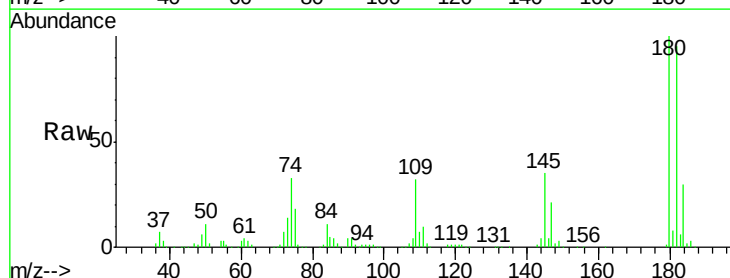
Manual Integrations
 APPROVED

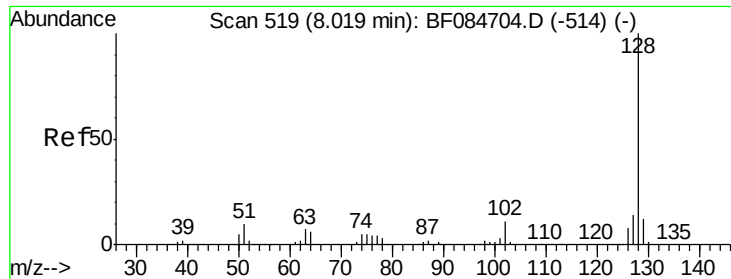
Sohil
 2/12/2016 12:26:14 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.98 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.02 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	371082		
182	95.3	76.4	114.6	
145	35.1	31.6	47.4	





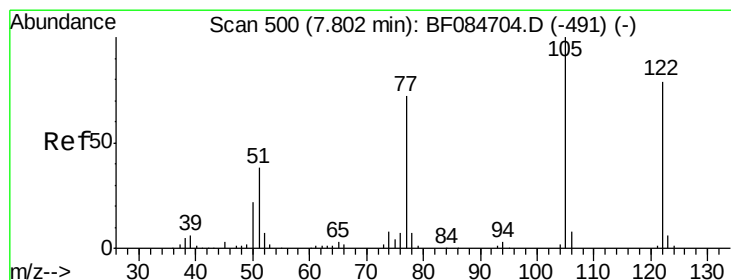
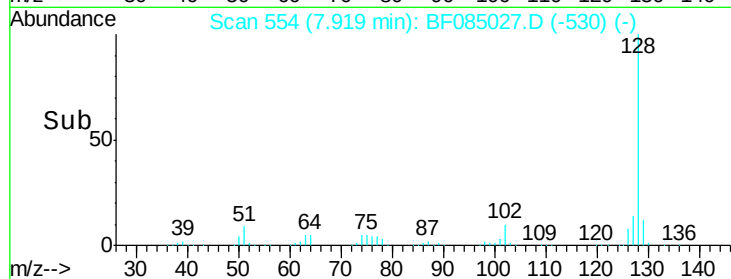
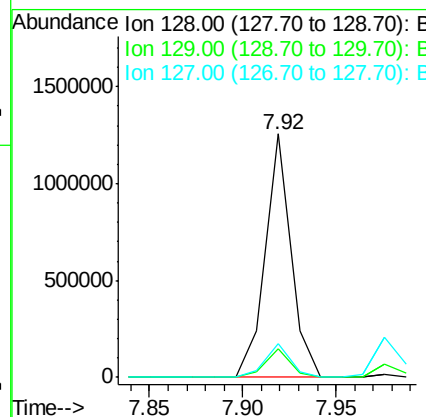
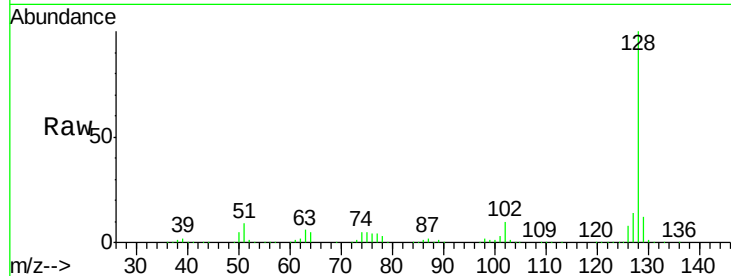
#31
Naphthalene
Concen: 40.58 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.6	11.1	16.7

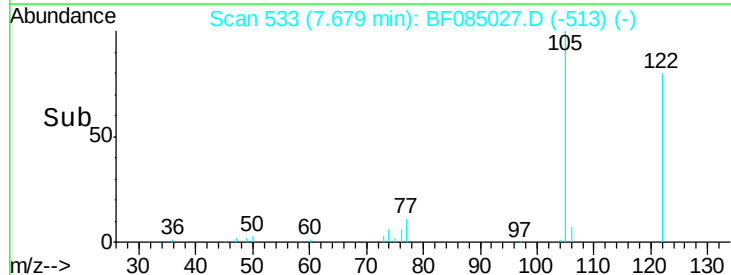
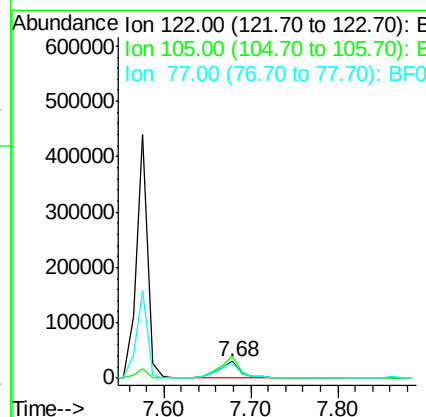
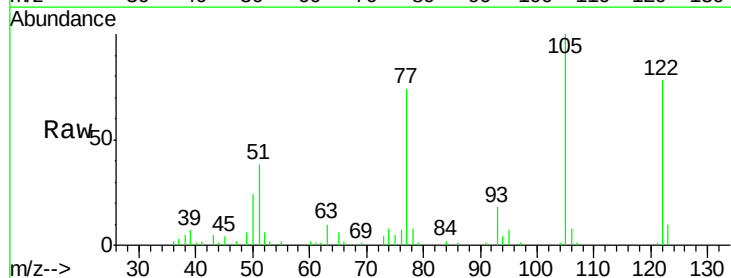
Manual Integrations
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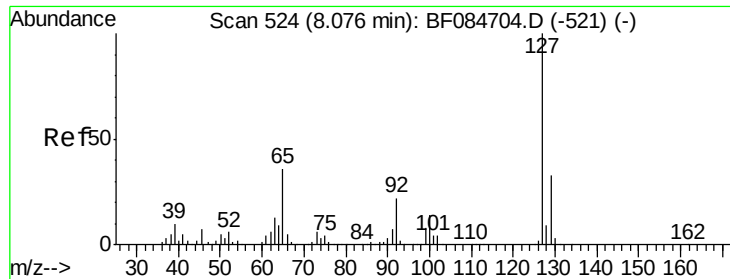
Sohil
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#32
Benzoic acid
Concen: 8.70 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.07 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	100.3	140.3
77	95.5	63.5	103.5





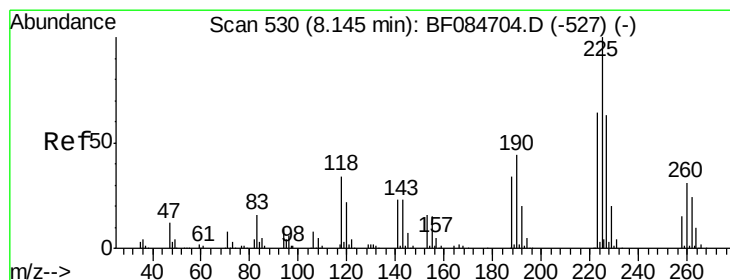
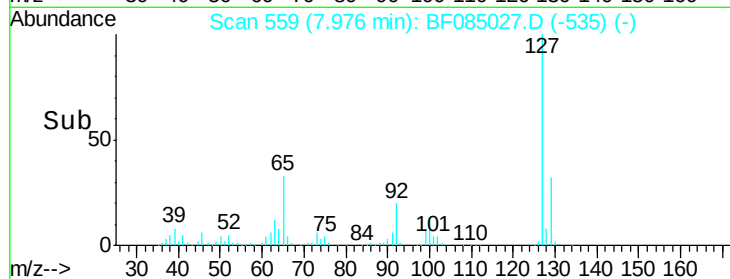
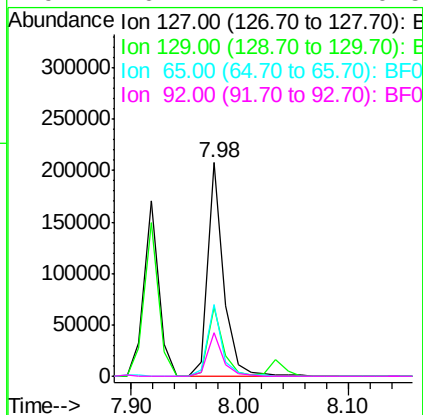
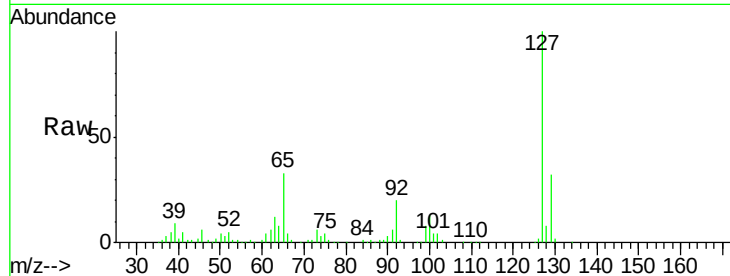
#33
4-Chloroaniline
Concen: 17.53 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	214148		
129	32.4	26.5	39.7	
65	33.4	27.2	40.8	
92	20.2	17.7	26.5	

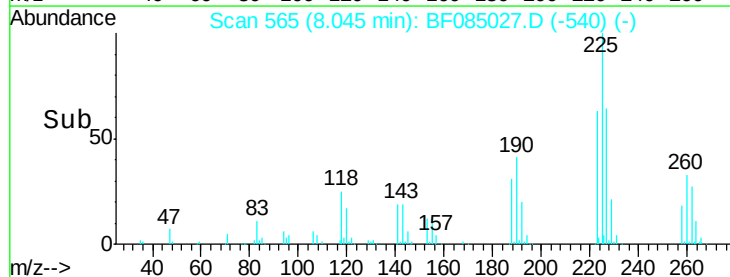
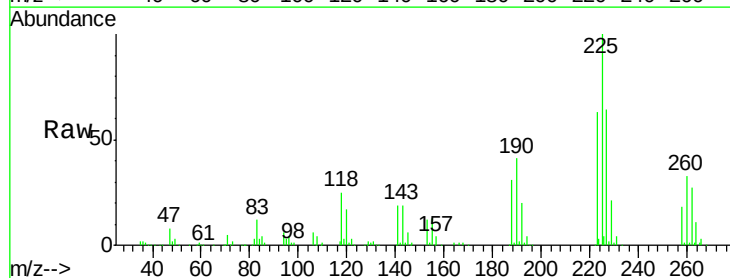
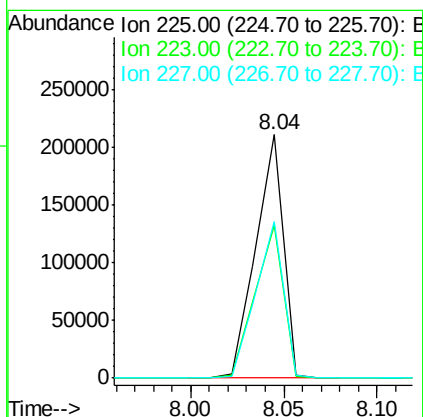
Manual Integrations
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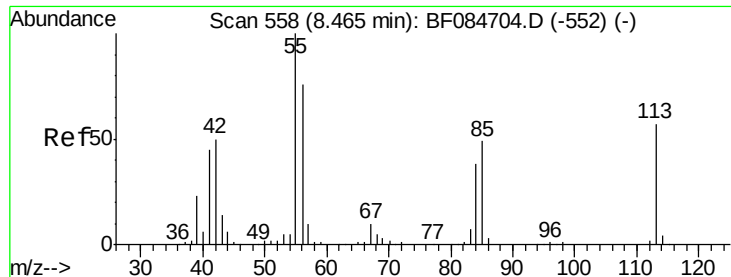
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#34
Hexachlorobutadiene
Concen: 40.33 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	215812		
223	62.5	49.4	74.0	
227	64.4	50.8	76.2	





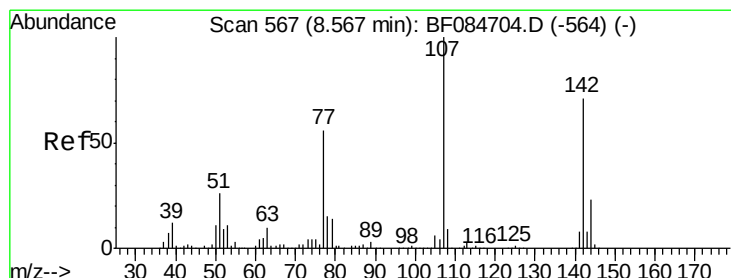
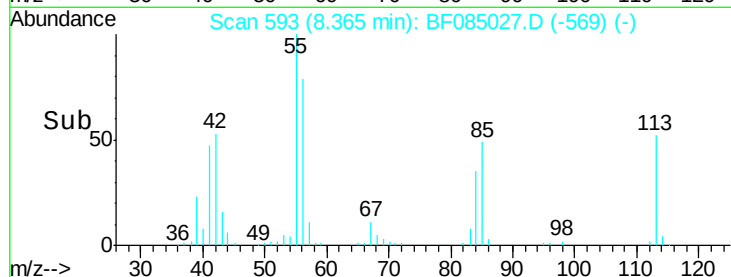
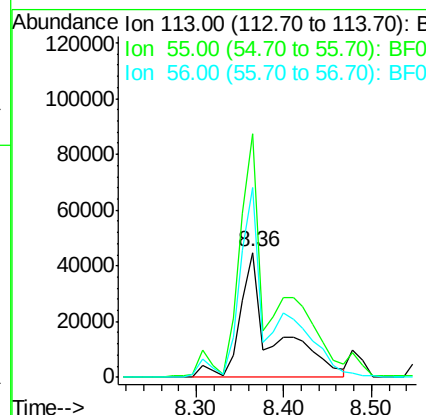
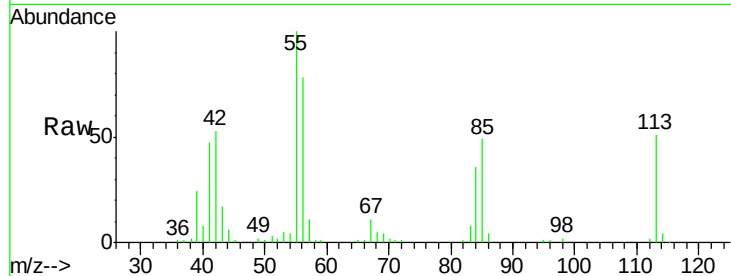
#35
 Caprolactam
 Concen: 46.85 ng m
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	195.0	116.9	156.9#	
56	152.4	93.8	133.8#	

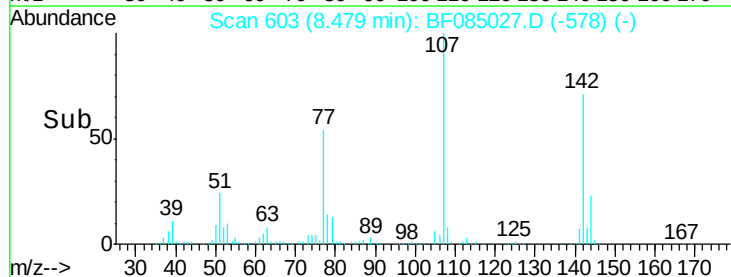
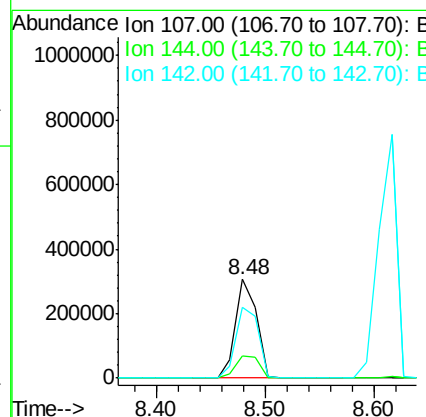
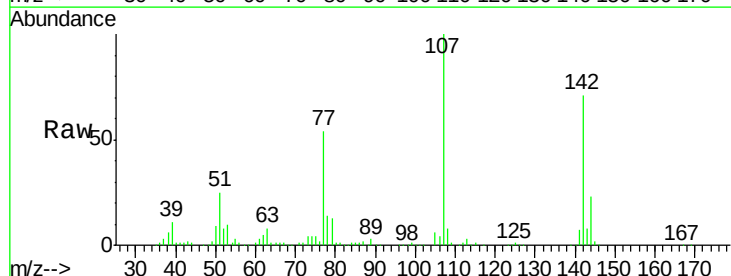
Manual Integrations
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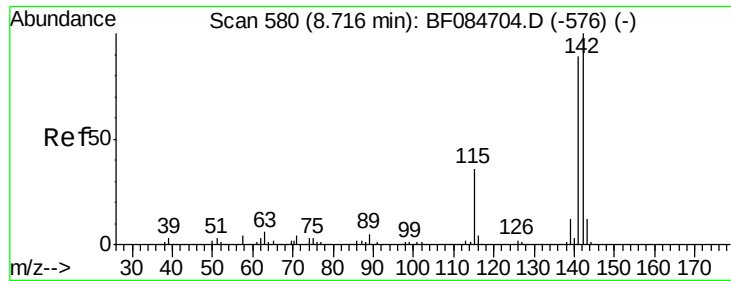
Sohil
 2/12/2016 12:26:14 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.52 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.0	19.7	29.5	
142	71.2	61.8	92.6	





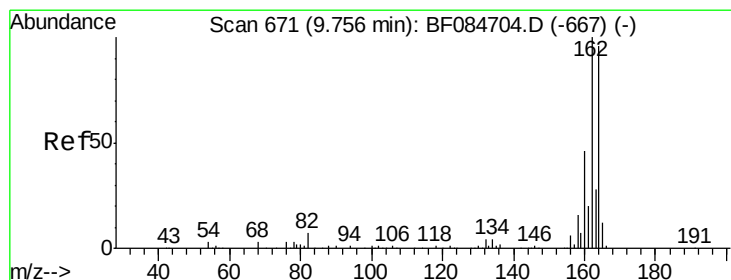
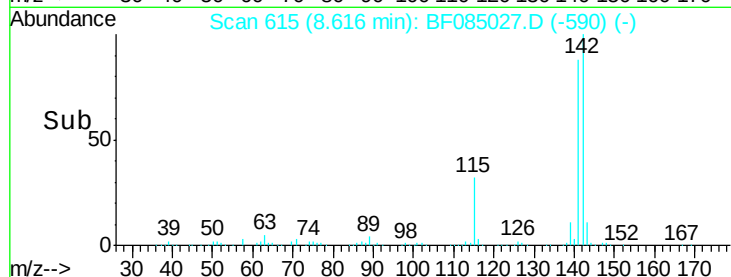
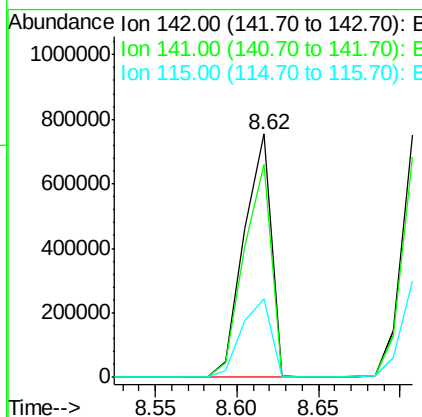
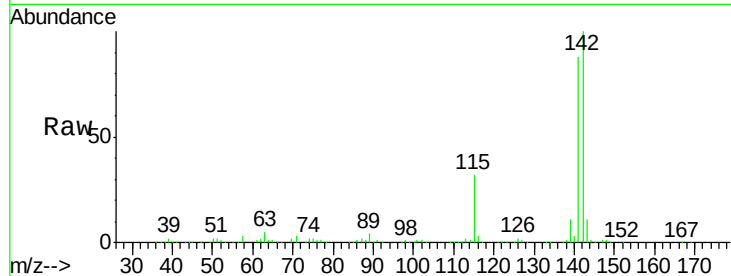
#37
2-Methylnaphthalene
Concen: 47.20 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	872662		
141	87.5	72.4	108.6	
115	32.4	27.9	41.9	

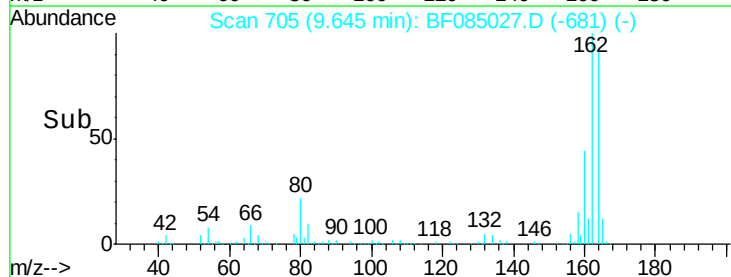
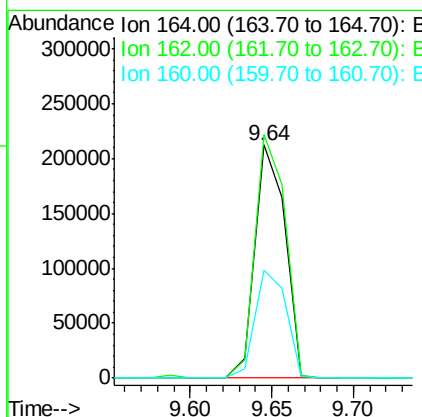
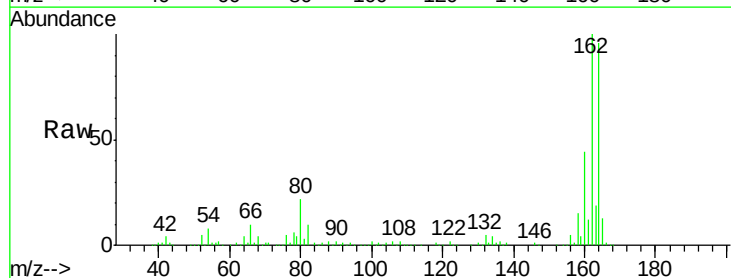
Manual Integrations
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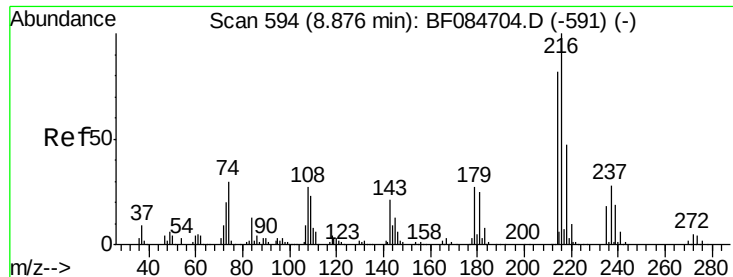
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	272632		
162	104.6	85.1	127.7	
160	46.4	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.17 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

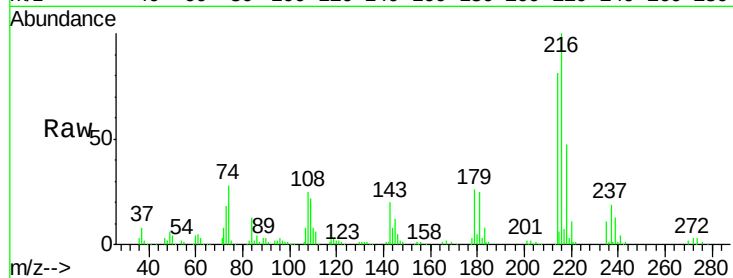
ClientSampleId :

SB03-2-3MSD

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	64.2	96.2
179	22.5	18.7	28.1
108	22.3	16.8	25.2

Manual Integrations
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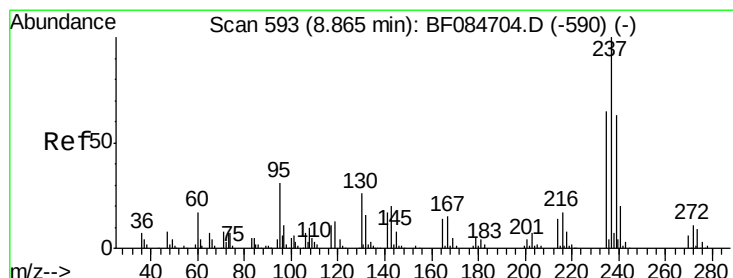
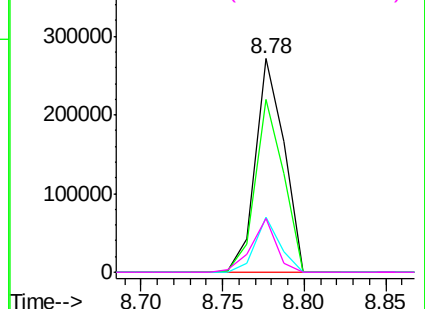
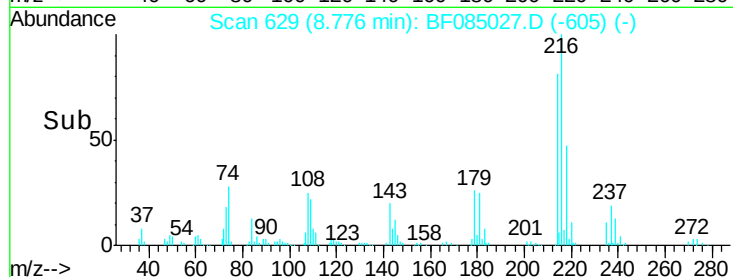
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 70.81 ng

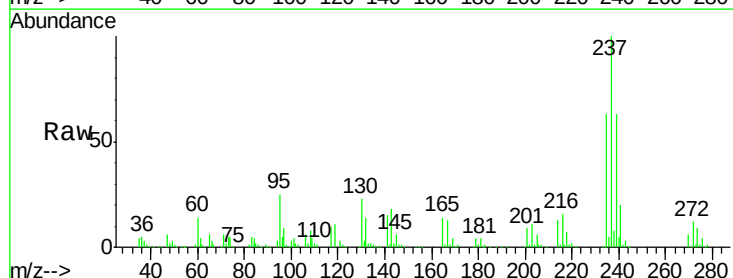
RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	43.1	83.1
272	11.9	0.0	35.1

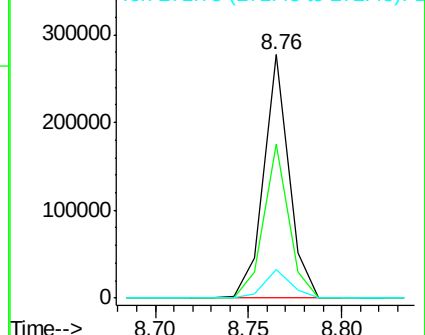
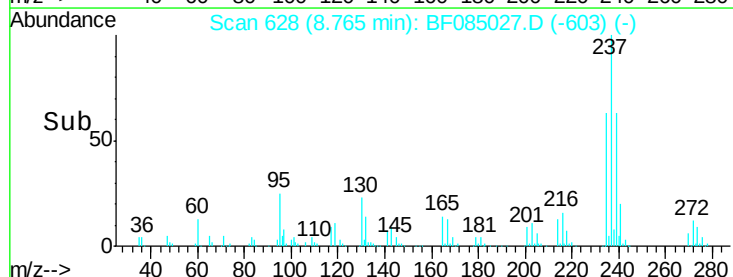


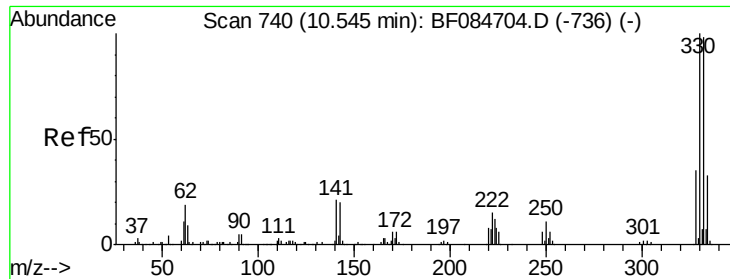
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





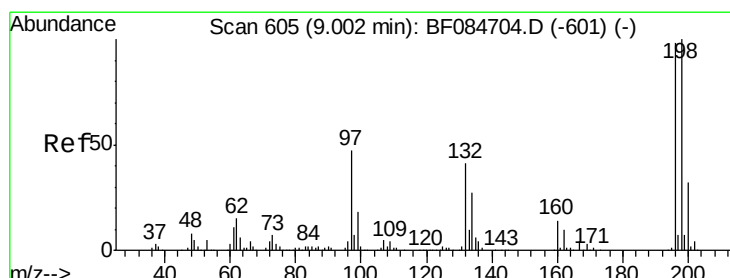
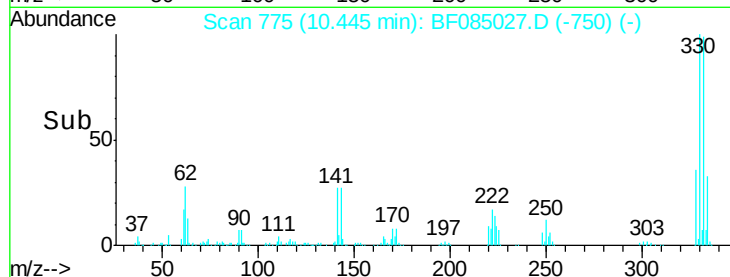
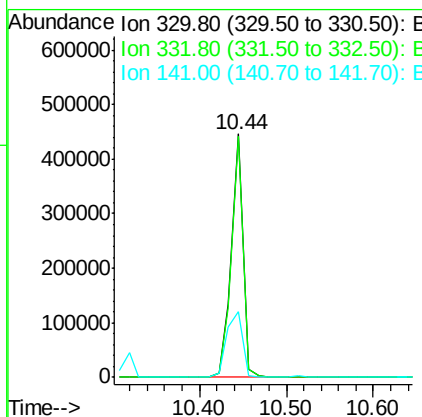
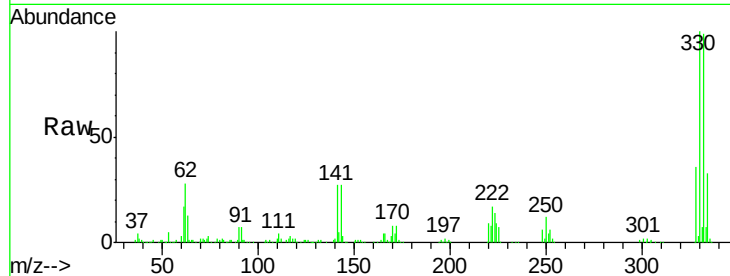
#41
 2,4,6-Tribromophenol
 Concen: 148.72 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	422923		
332	98.0	76.6	114.8	
141	36.5	27.8	41.6	

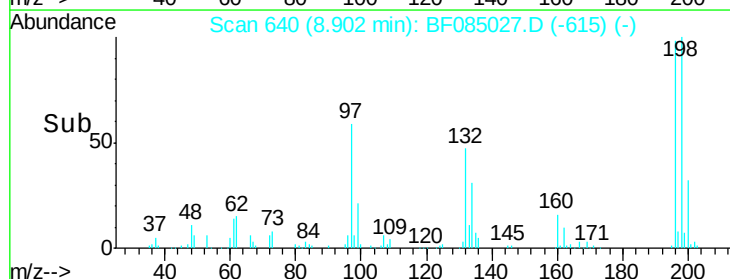
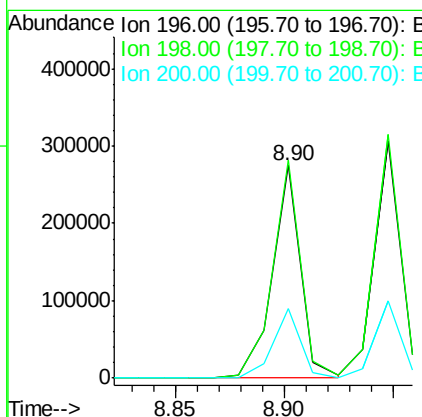
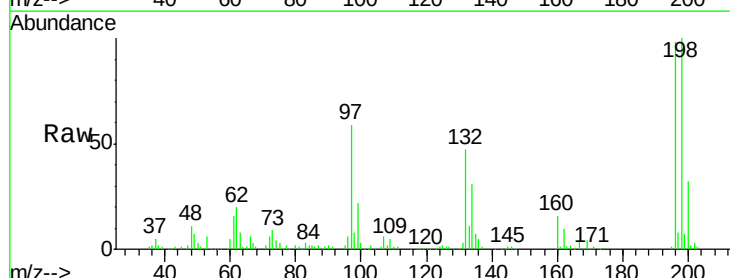
Manual Integrations
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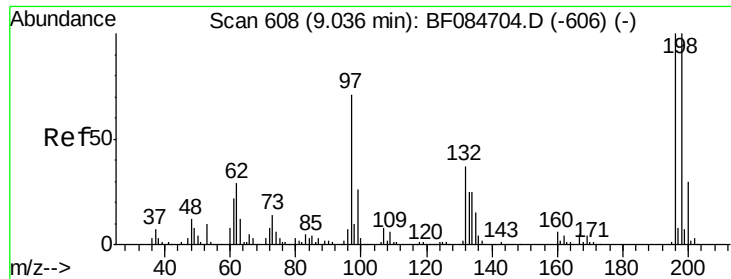
Sohil
 2/12/2016 12:26:14 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.09 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	251535		
198	102.2	77.7	116.5	
200	32.7	24.6	37.0	





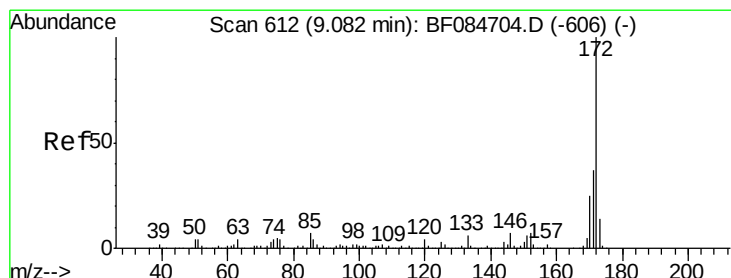
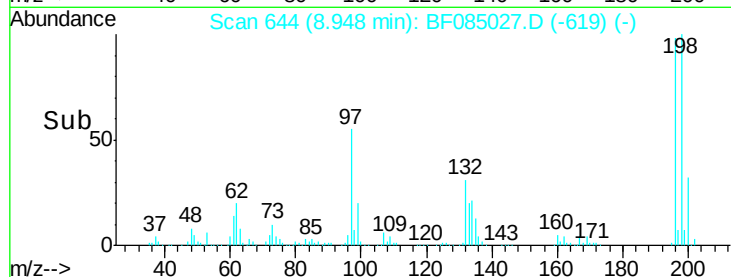
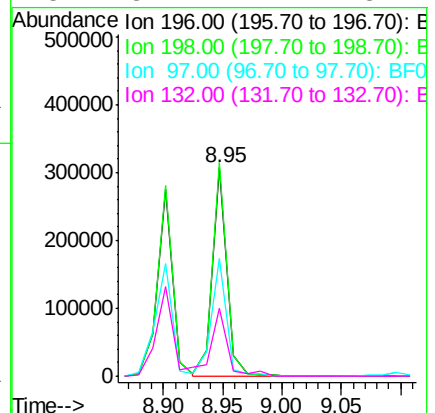
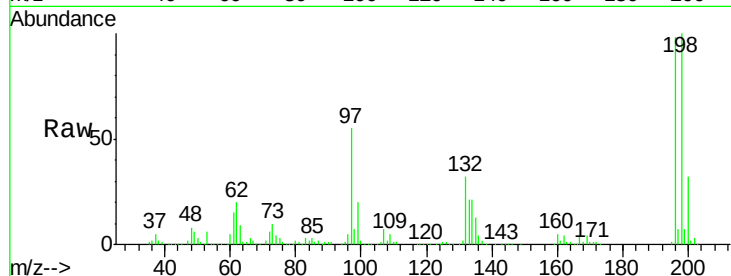
#43
 2,4,5-Trichlorophenol
 Concen: 45.91 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:	196	Resp:	260220
Ion Ratio	Lower	Upper	
196	100		
198	102.5	79.0	118.6
97	56.4	33.0	49.6#
132	32.4	21.1	31.7#

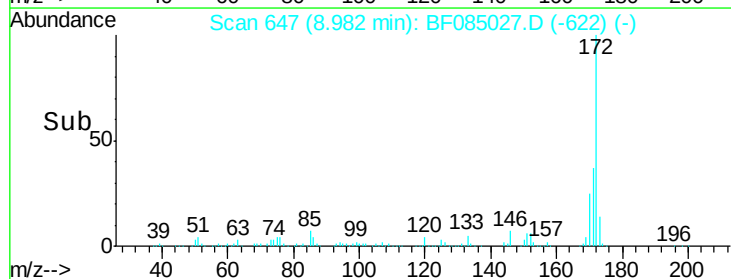
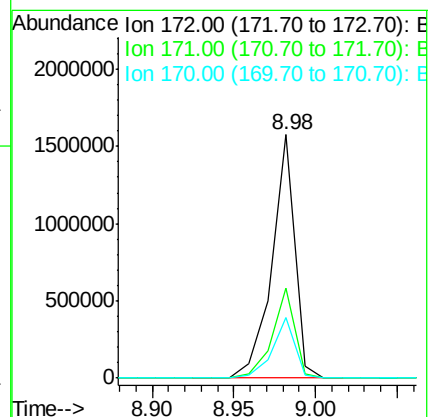
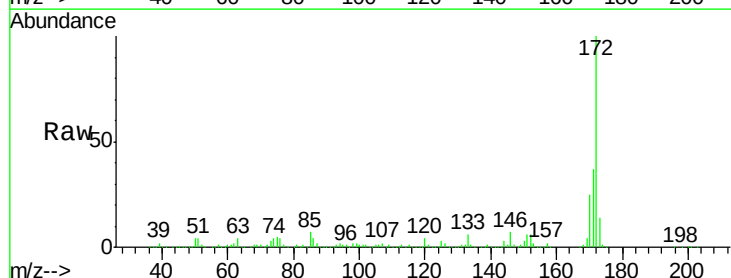
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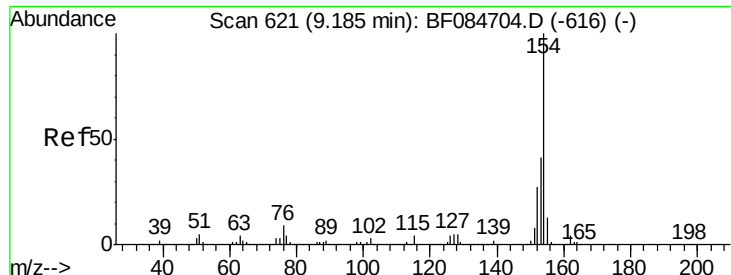
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#44
 2-Fluorobiphenyl
 Concen: 101.83 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion:	172	Resp:	1539195
Ion Ratio	Lower	Upper	
172	100		
171	36.8	28.9	43.3
170	24.9	18.6	27.8





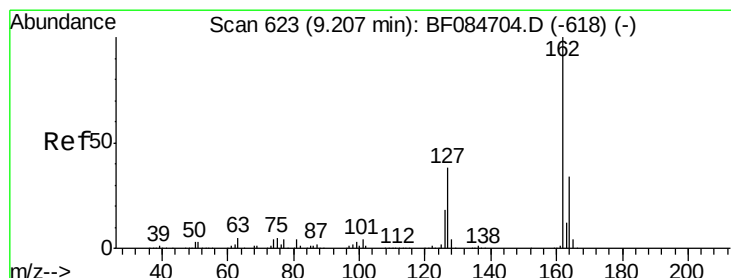
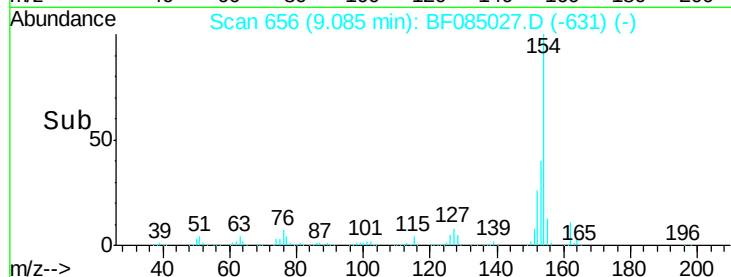
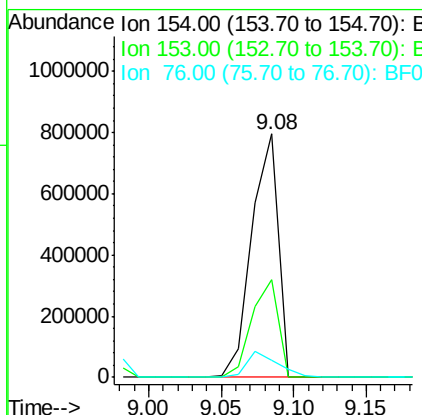
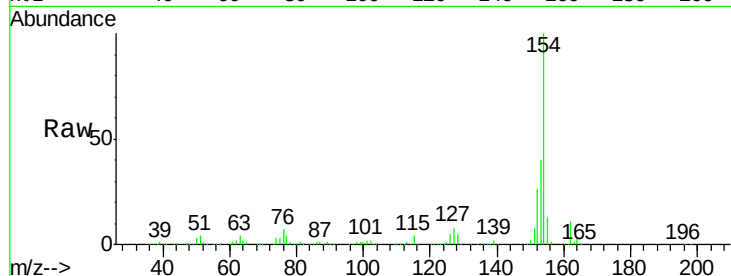
#45
 1,1'-Biphenyl
 Concen: 41.29 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.6	61.6
76	7.0	0.0	32.7

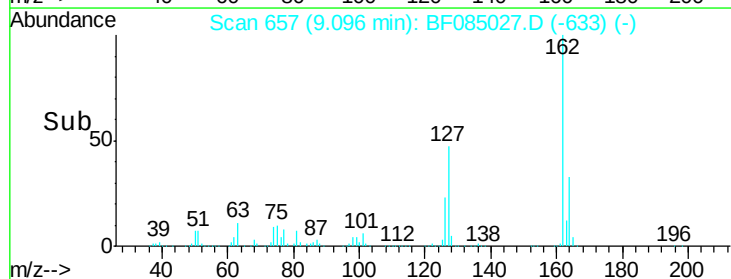
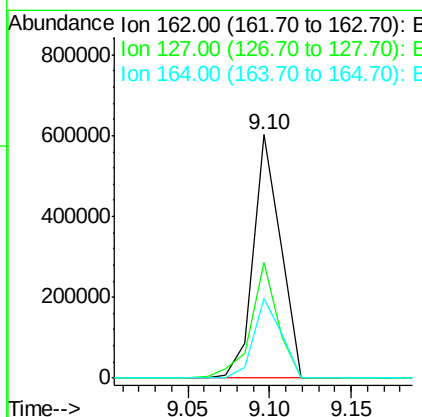
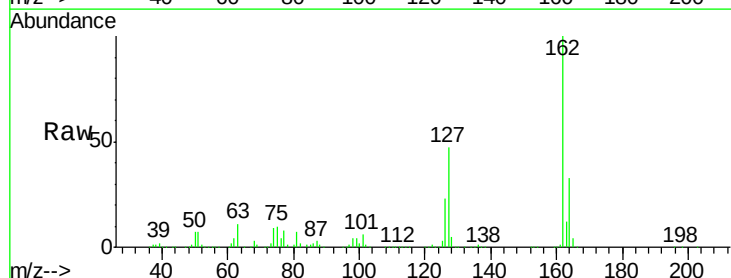
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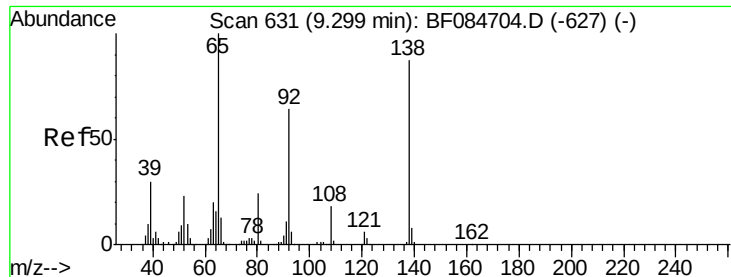
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#46
 2-Chloronaphthalene
 Concen: 38.83 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.4	40.2	60.4
164	32.7	25.7	38.5





#47

2-Nitroaniline

Concen: 47.20 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

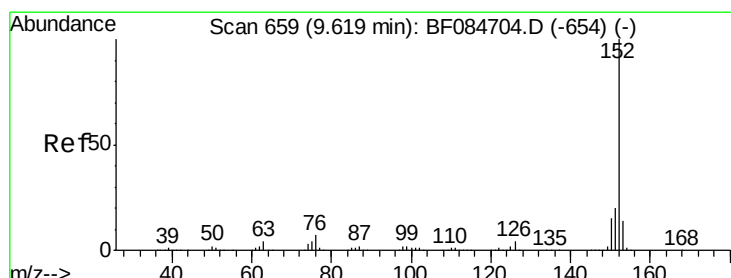
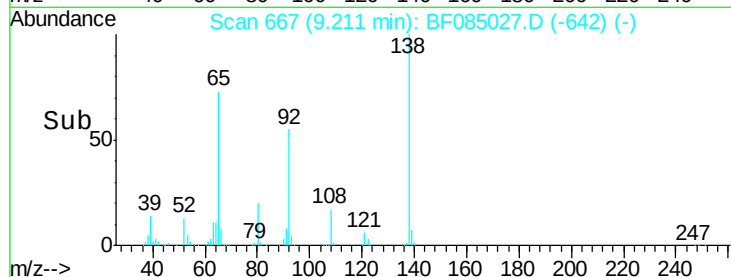
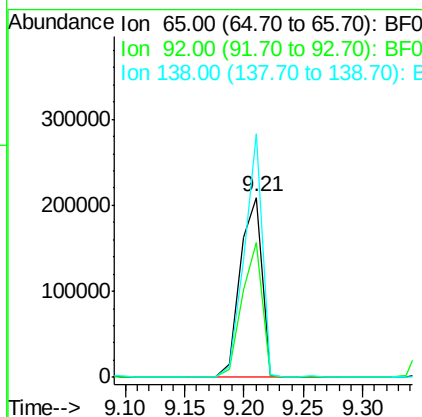
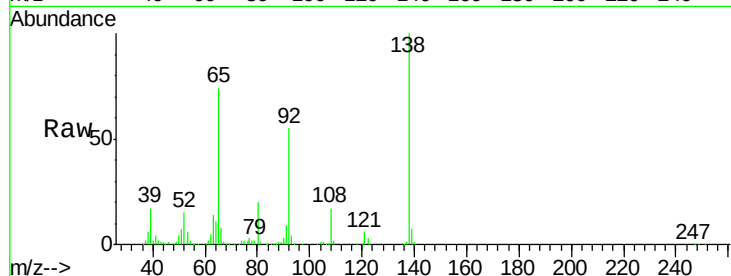
ClientSampleId :

SB03-2-3MSD

Tgt Ion:	65	Resp:	268005
Ion Ratio	Lower	Upper	
65	100		
92	75.2	53.4	80.2
138	135.4	71.1	106.7#

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#48

Acenaphthylene

Concen: 39.74 ng

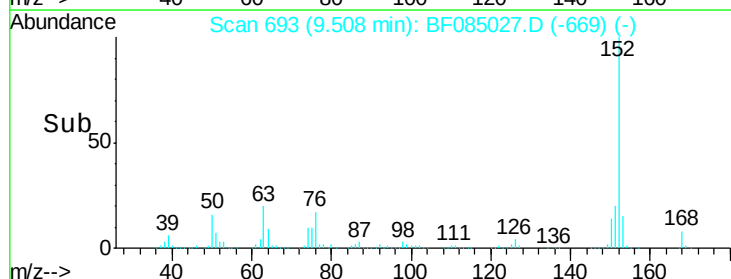
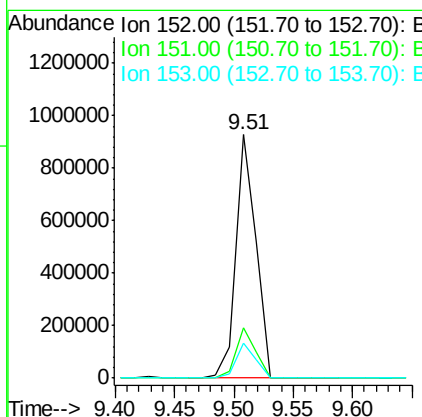
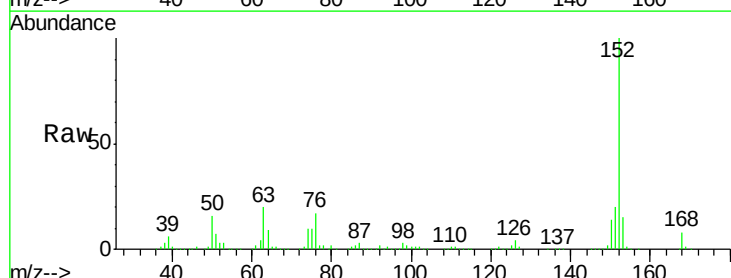
RT: 9.51 min Scan# 693

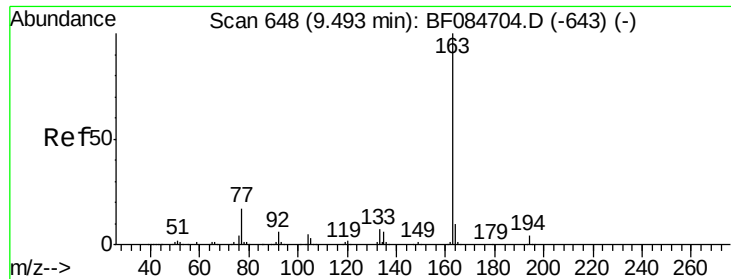
Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion:	152	Resp:	1081486
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	14.6	10.4	15.6





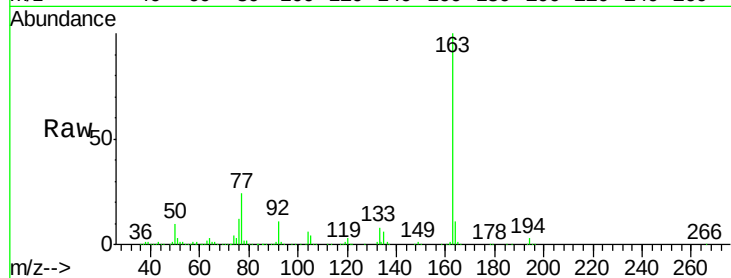
#49
Dimethylphthalate
Concen: 51.95 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

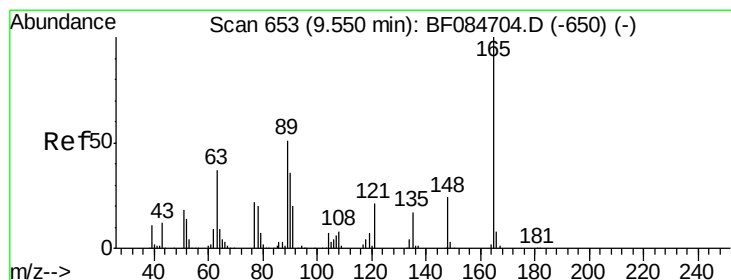
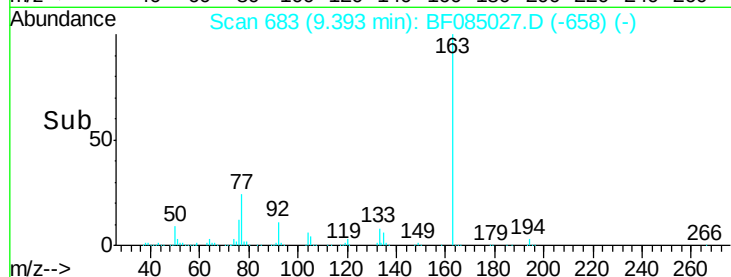
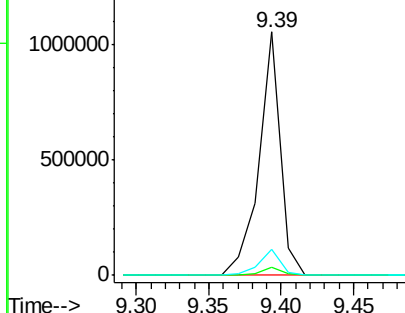
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	8.0	12.0#
164	10.7	8.0	12.0

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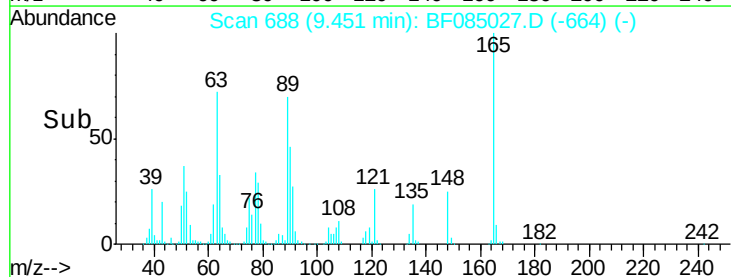
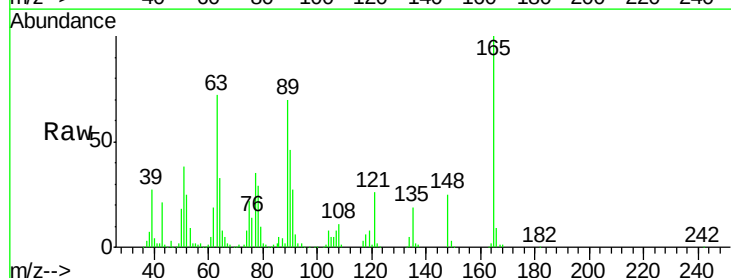
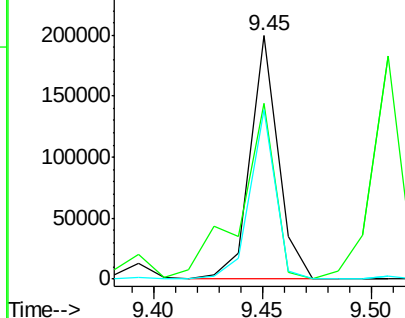
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

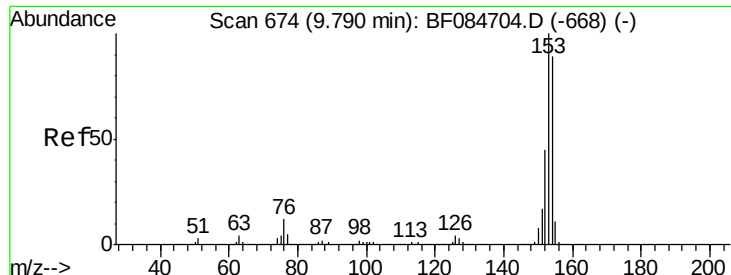


#50
2,6-Dinitrotoluene
Concen: 39.26 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.1	28.8	43.2#
89	69.7	35.1	52.7#

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: 39.13 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

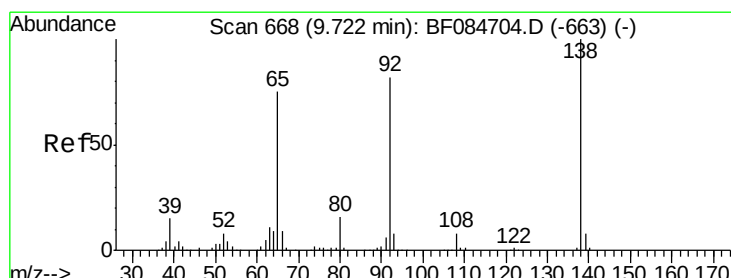
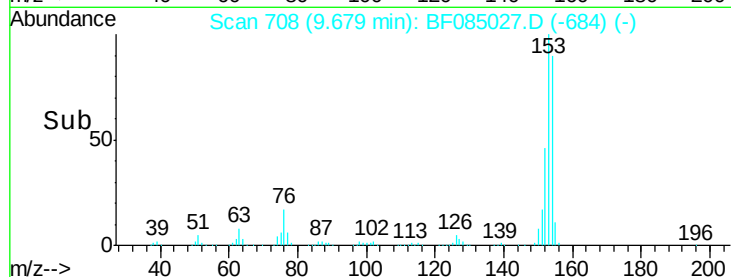
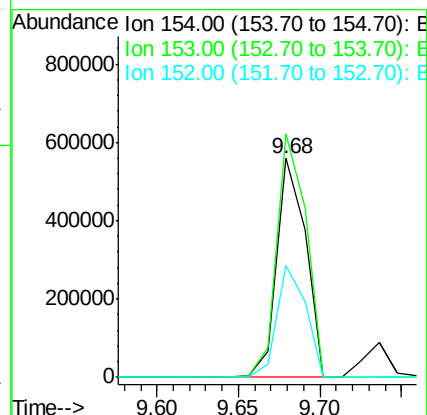
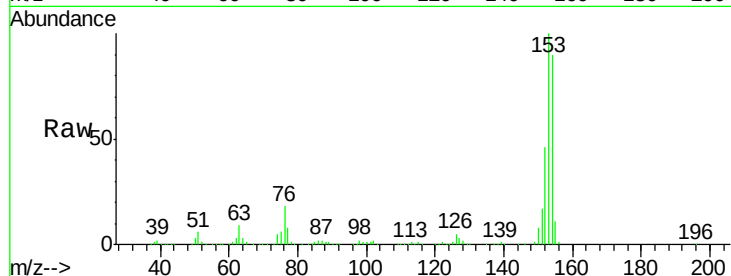
ClientSampleId :

SB03-2-3MSD

Tgt Ion:	154	Resp:	692837
Ion Ratio	Lower	Upper	
154	100		
153	111.2	91.5	137.3
152	50.9	43.0	64.6

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#52

3-Nitroaniline

Concen: 28.66 ng

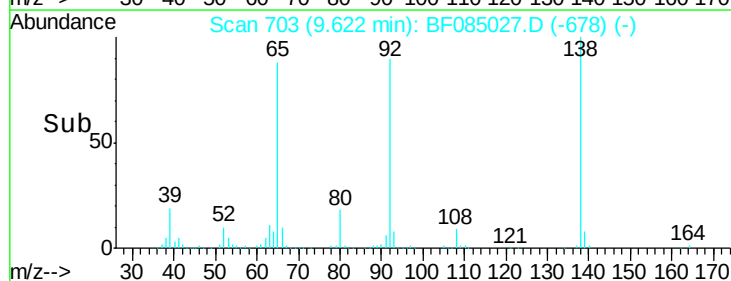
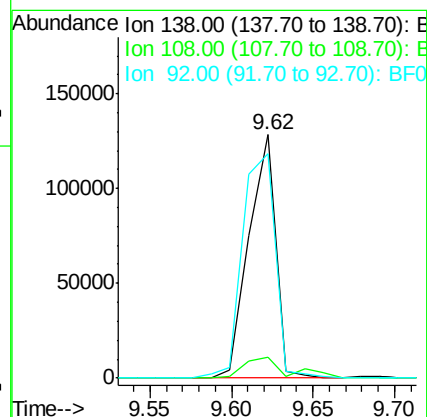
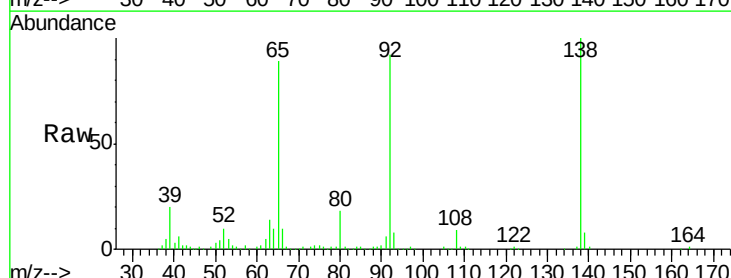
RT: 9.62 min Scan# 703

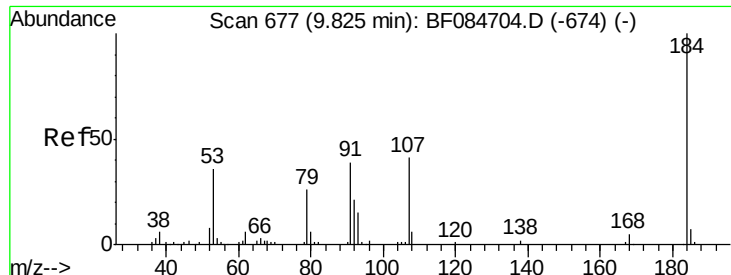
Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion:	138	Resp:	146110
Ion Ratio	Lower	Upper	
138	100		
108	8.8	10.5	15.7#
92	92.2	103.9	155.9#





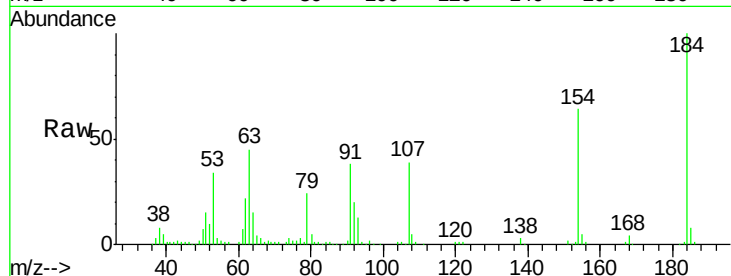
#53
2,4-Dinitrophenol
Concen: 71.77 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

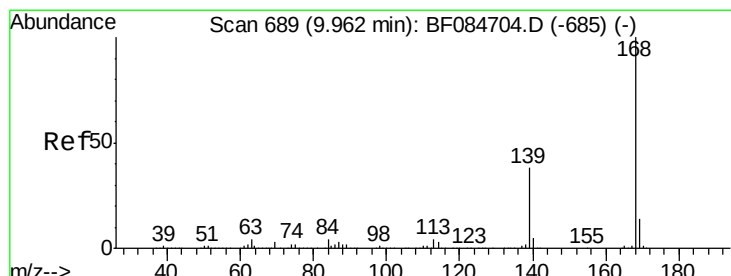
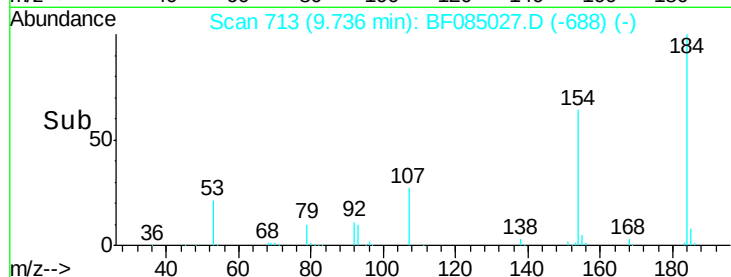
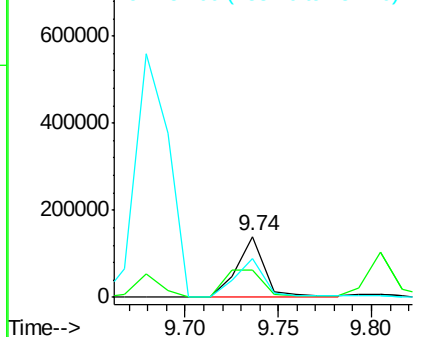
Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
63	44.5	43.1	64.7
154	64.1	60.5	90.7

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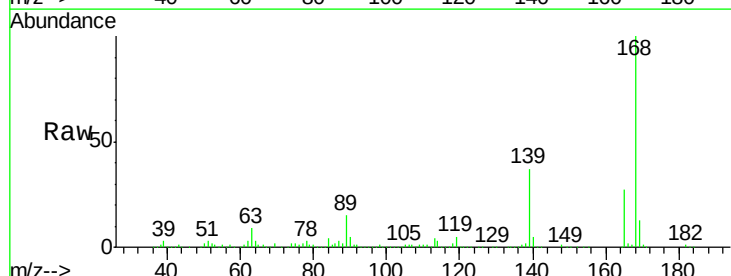


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

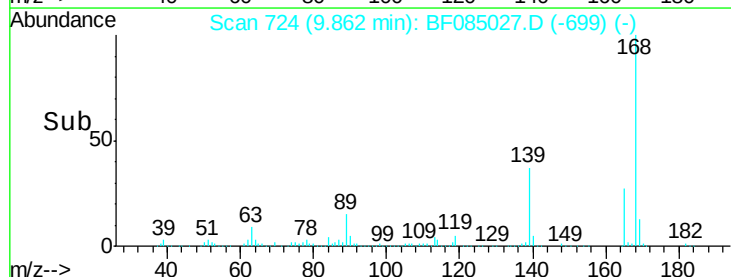
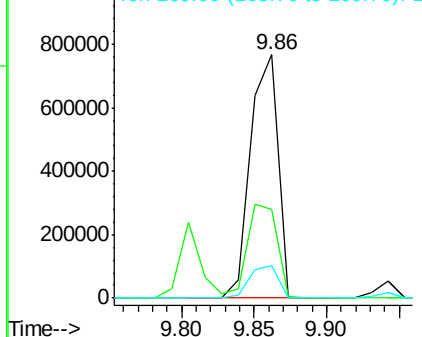


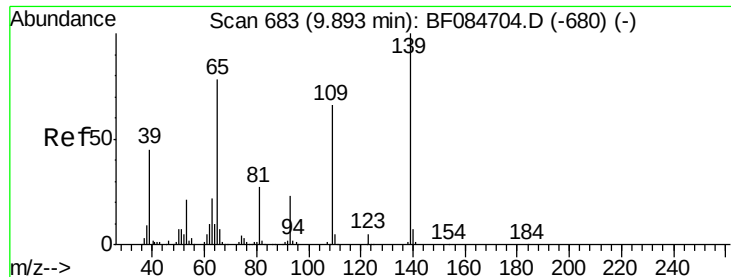
#54
Dibenzofuran
Concen: 46.62 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	36.6	30.5	45.7
169	13.2	10.4	15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 63.59 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

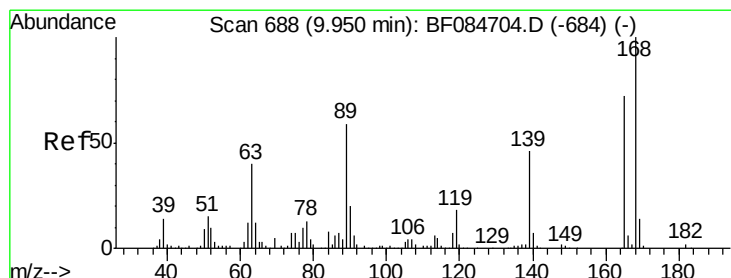
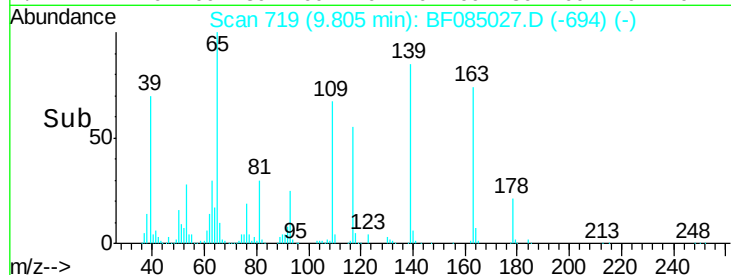
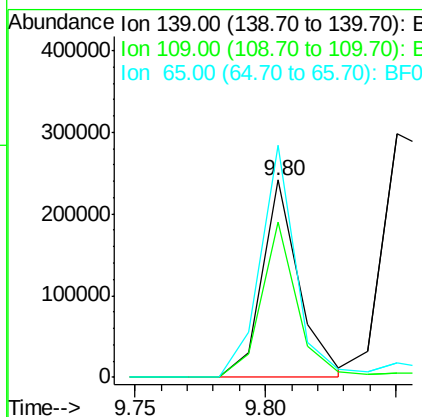
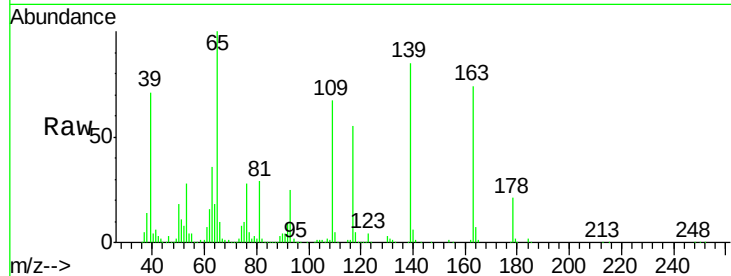
ClientSampleId :

SB03-2-3MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
139	100		238221		
109	78.9	58.5	98.5		
65	117.8	57.6	97.6#		

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#56

2,4-Dinitrotoluene

Concen: 44.11 ng

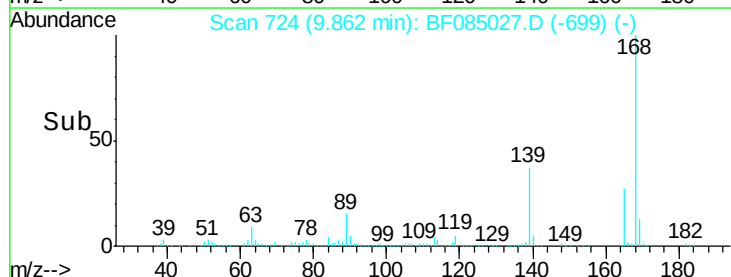
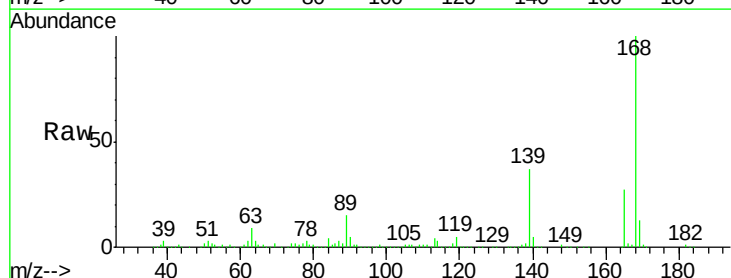
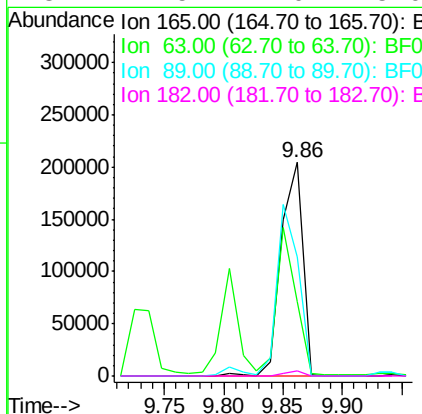
RT: 9.86 min Scan# 724

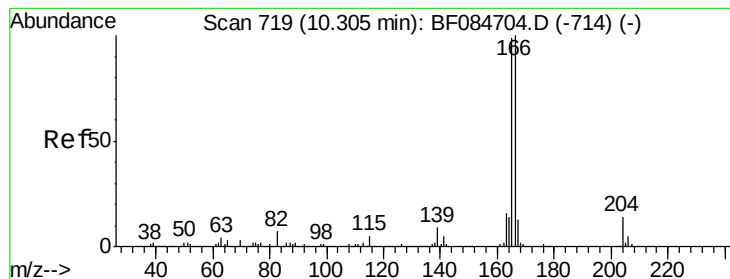
Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		255185		
63	34.6	36.7	55.1#		
89	55.7	61.9	92.9#		
182	2.5	2.0	3.0		





#57

Fluorene

Concen: 39.76 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF085027.D

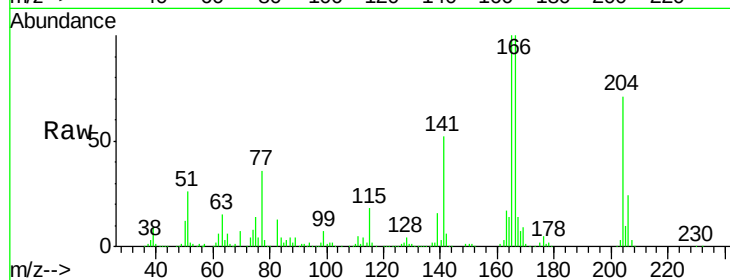
Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD



Tgt Ion:166 Resp: 718382

Ion Ratio Lower Upper

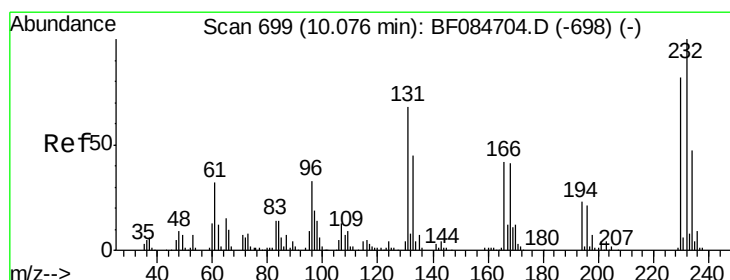
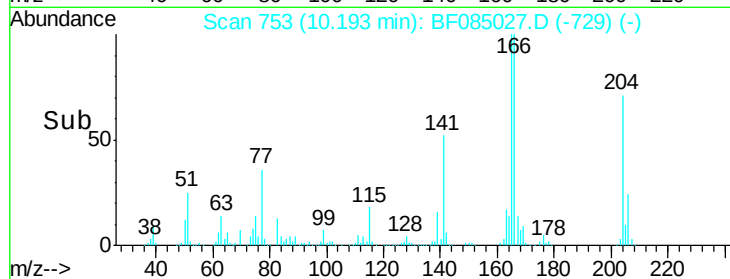
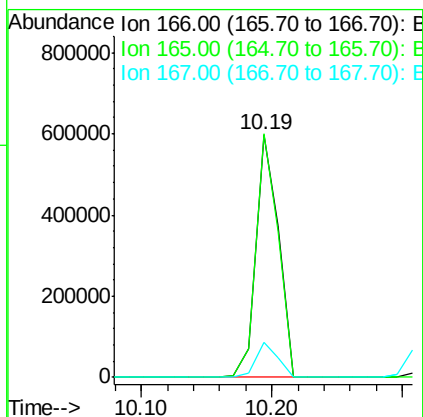
166 100

165 100.3 79.1 118.7

167 14.4 10.4 15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.40 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion:232 Resp: 208826

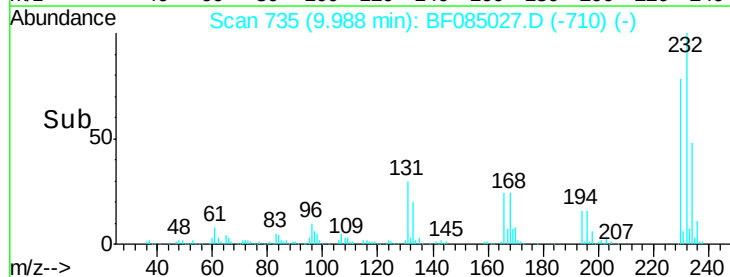
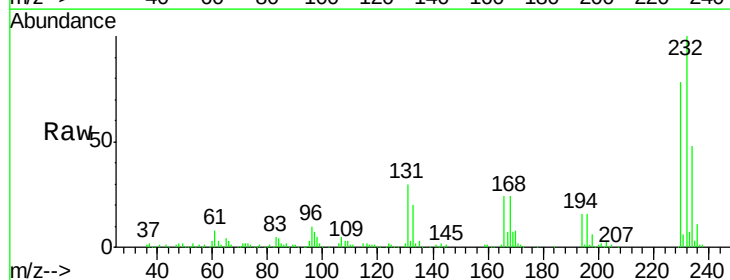
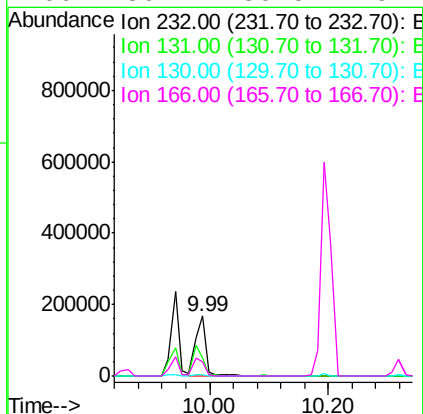
Ion Ratio Lower Upper

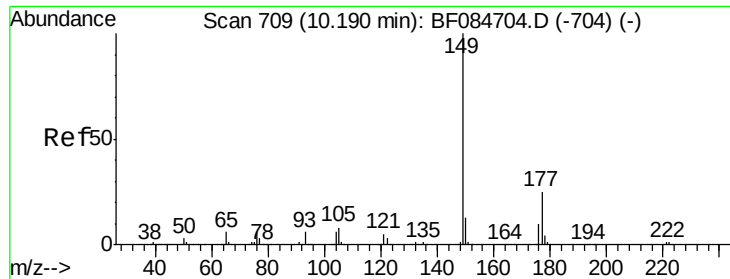
232 100

131 47.0 47.0 70.6#

130 2.2 2.0 3.0

166 30.4 30.5 45.7#





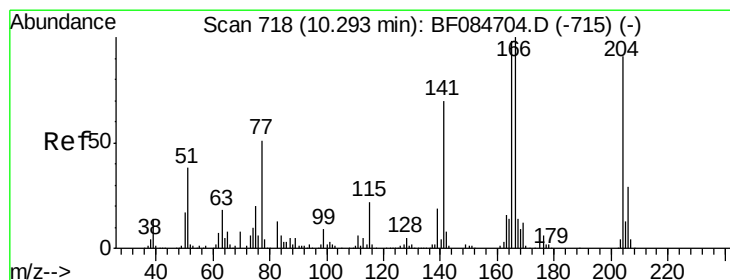
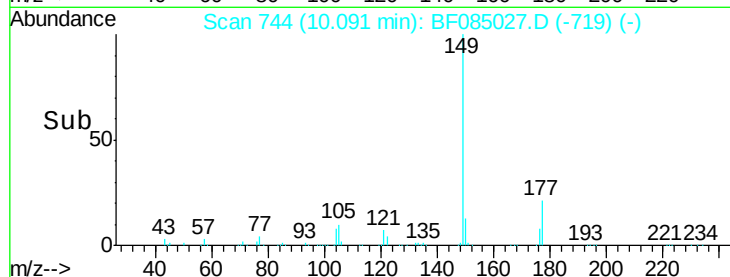
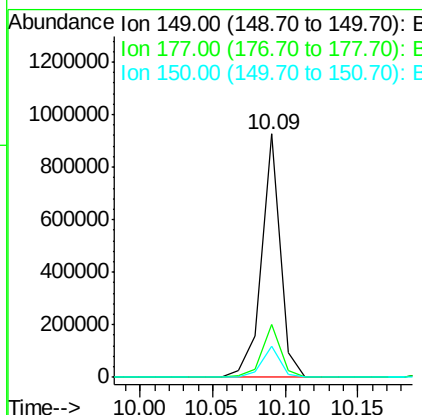
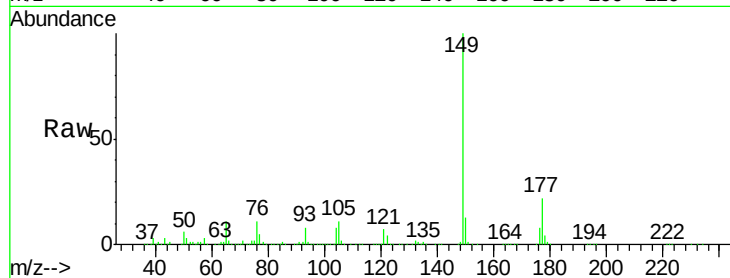
#59
Diethylphthalate
Concen: 40.78 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	826851		
177	21.5	17.3	25.9	
150	12.8	9.8	14.8	

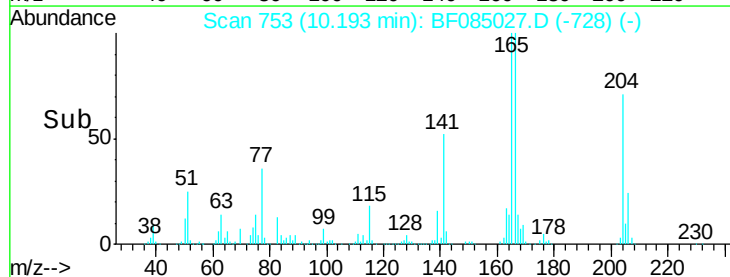
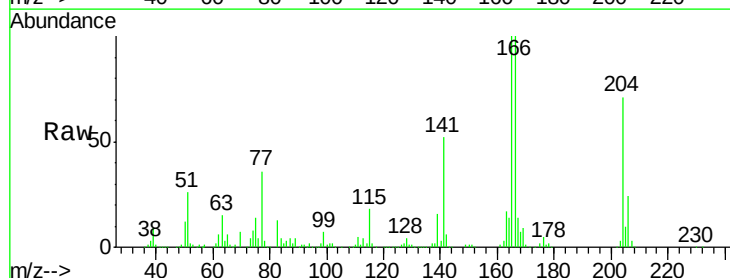
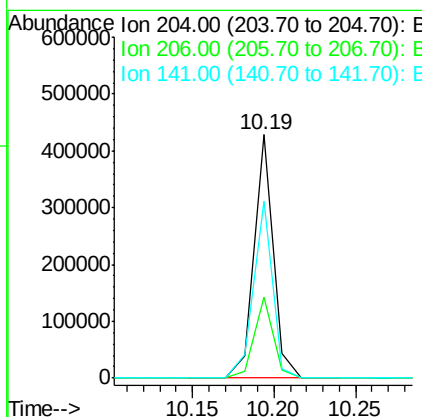
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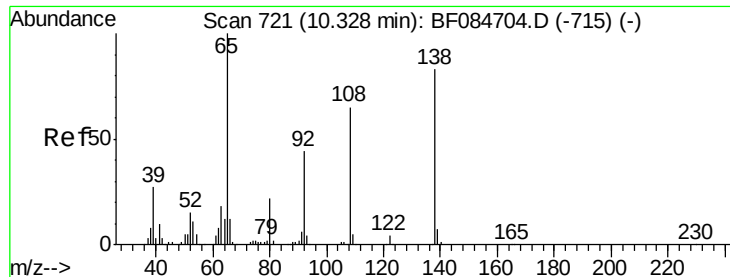
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 46.77 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	352874		
206	33.2	25.7	38.5	
141	72.8	55.1	82.7	





#61

4-Nitroaniline

Concen: 45.06 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF085027.D

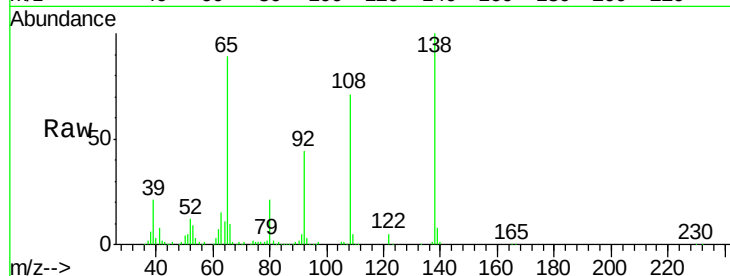
Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

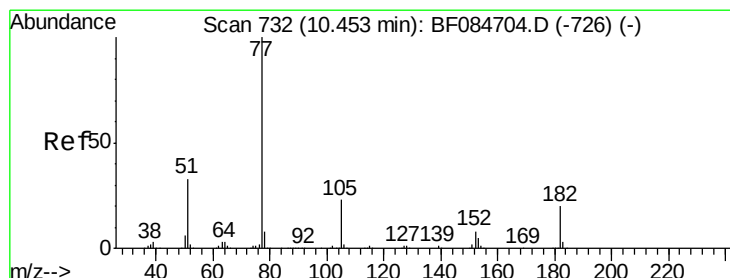
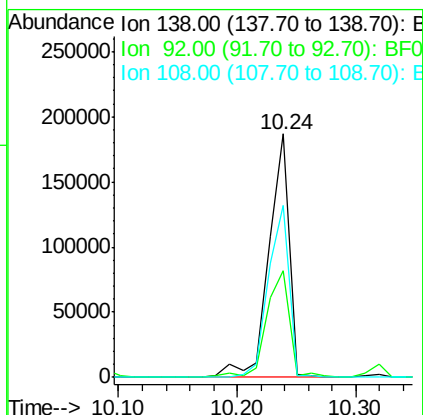
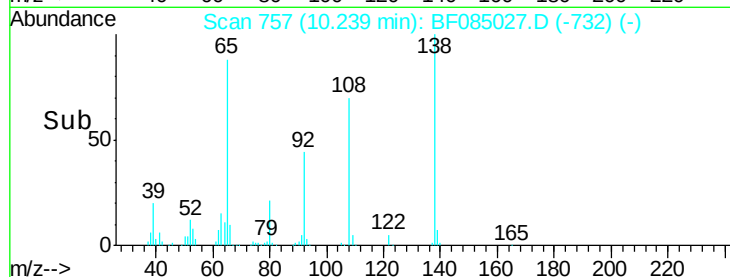
SB03-2-3MSD



Tgt Ion:	138	Resp:	223809
Ion Ratio	Lower	Upper	
138	100		
92	43.8	32.6	72.6
108	70.7	68.6	108.6

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#62

Azobenzene

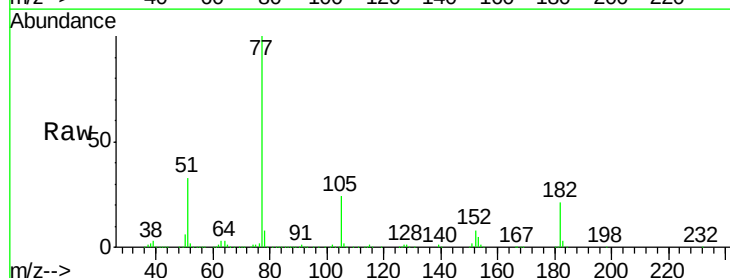
Concen: 46.95 ng

RT: 10.35 min Scan# 767

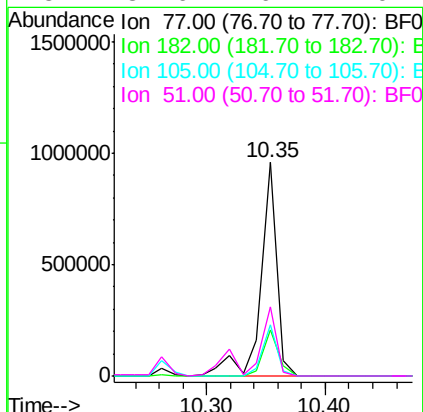
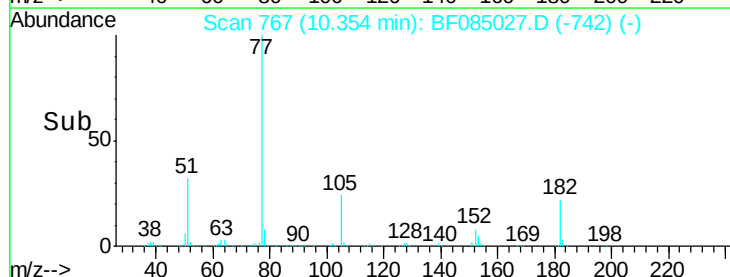
Delta R.T. -0.01 min

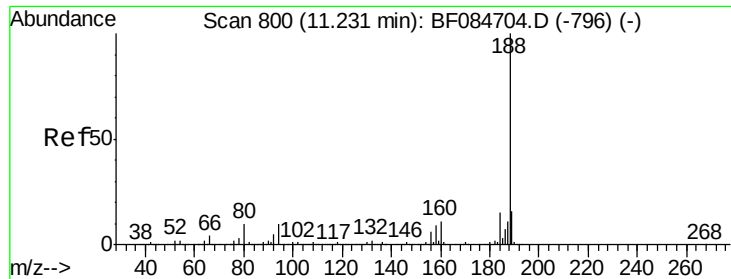
Lab File: BF085027.D

Acq: 11 Feb 2016 19:35



Tgt Ion:	77	Resp:	915316
Ion Ratio	Lower	Upper	
77	100		
182	21.5	8.3	48.3
105	23.8	4.6	44.6
51	32.6	6.2	46.2





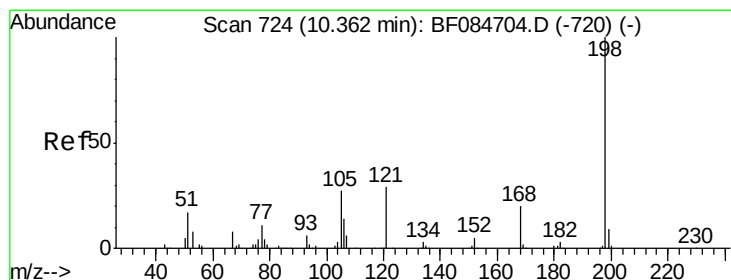
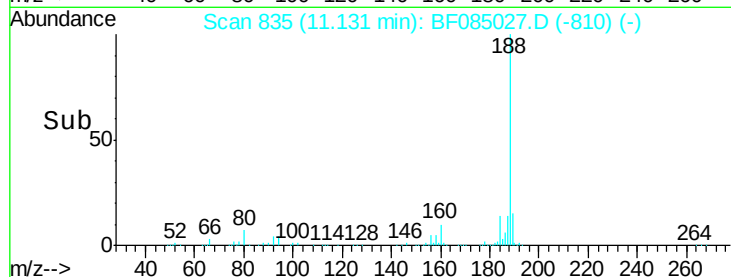
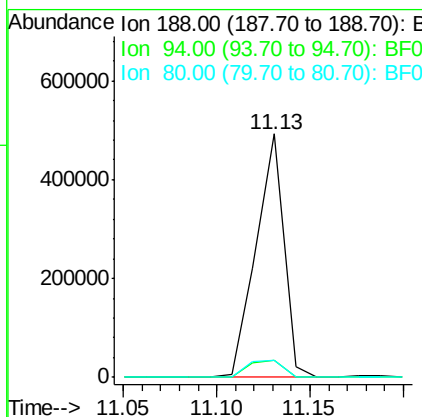
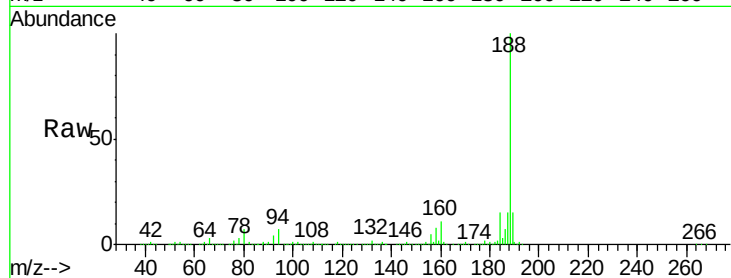
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.0	9.0	13.4#
80	7.1	9.6	14.4#

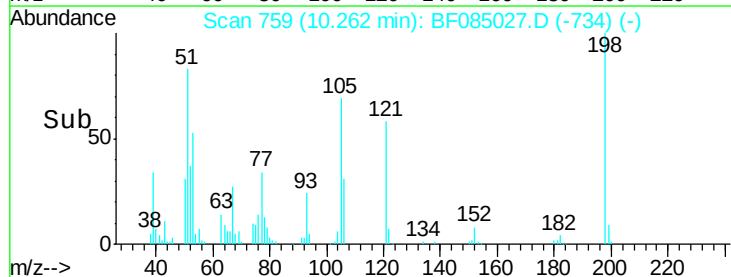
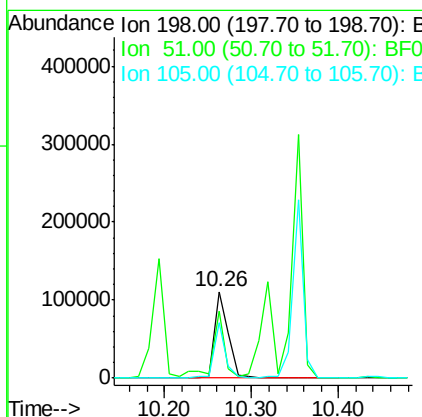
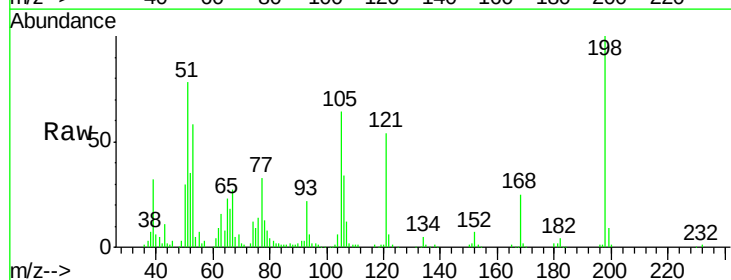
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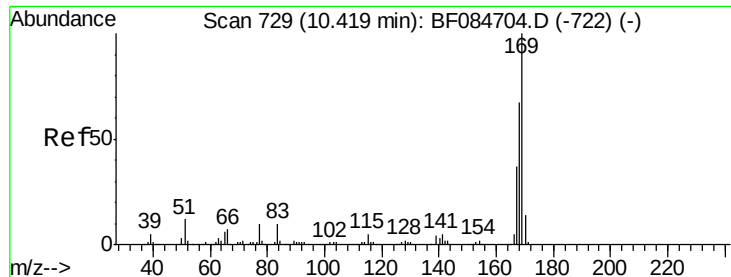
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.95 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	77.7	18.9	58.9#
105	64.0	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 44.45 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

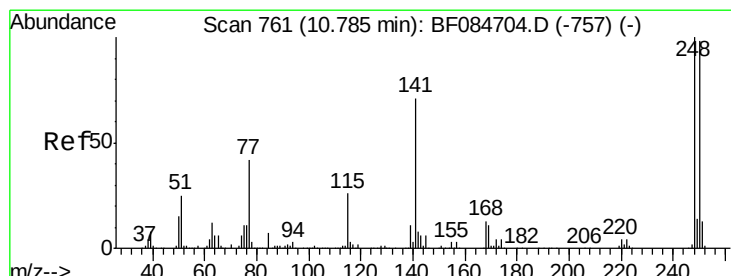
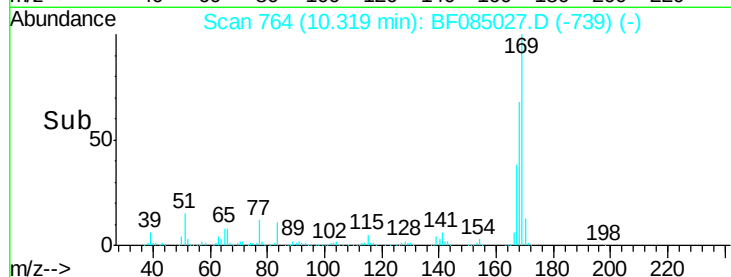
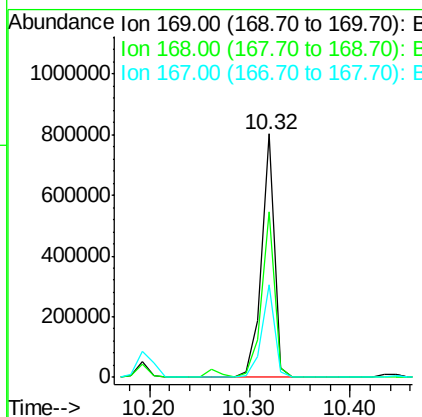
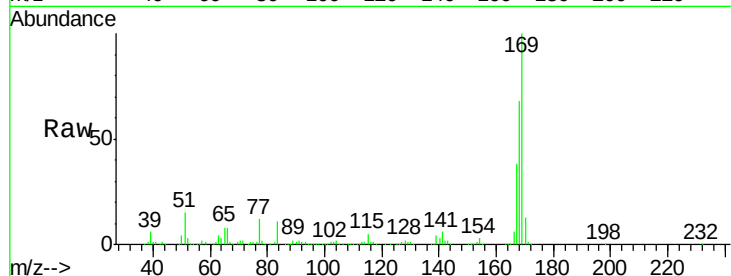
ClientSampleId :

SB03-2-3MSD

Tgt Ion:	169	Resp:	718889
Ion Ratio	Lower	Upper	
169	100		
168	68.2	55.1	82.7
167	37.9	30.0	45.0

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#66

4-Bromophenyl-phenylether

Concen: 43.63 ng

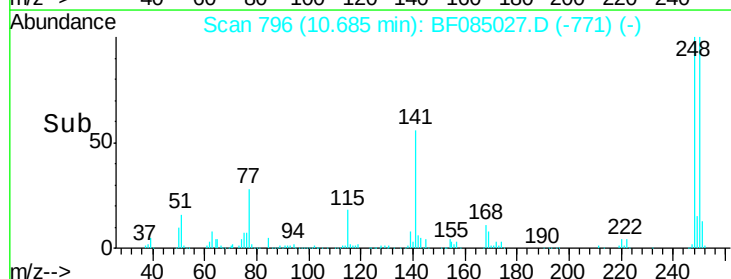
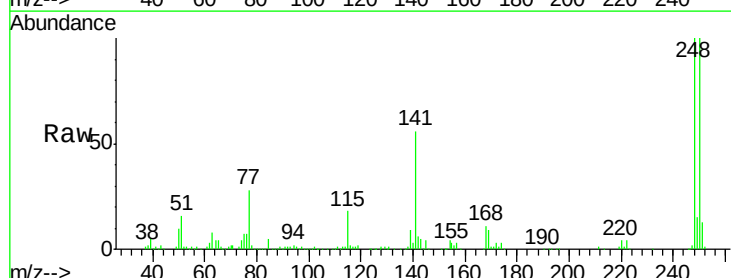
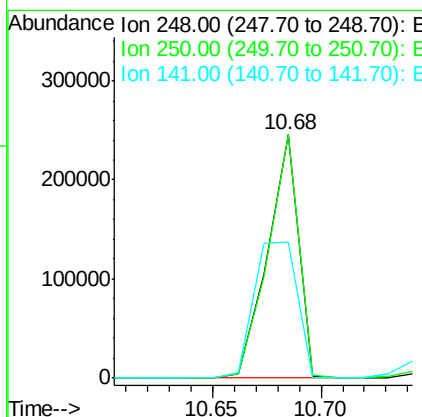
RT: 10.68 min Scan# 796

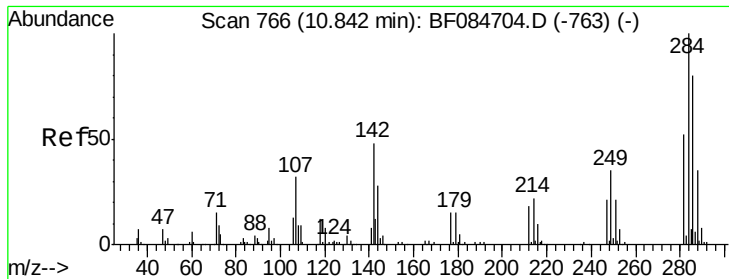
Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion:	248	Resp:	245408
Ion Ratio	Lower	Upper	
248	100		
250	99.8	78.4	117.6
141	55.7	44.0	66.0





#67

Hexachlorobenzene

Concen: 40.16 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF085027.D

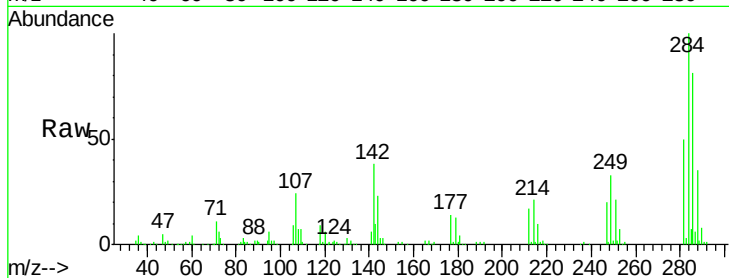
Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

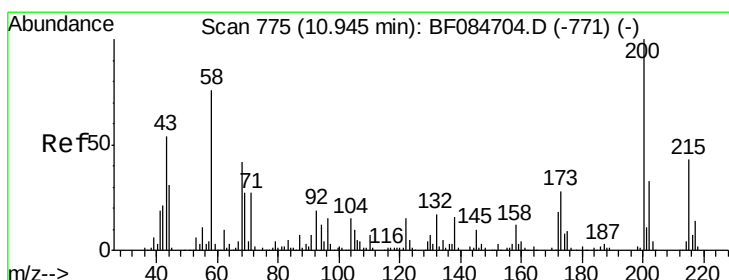
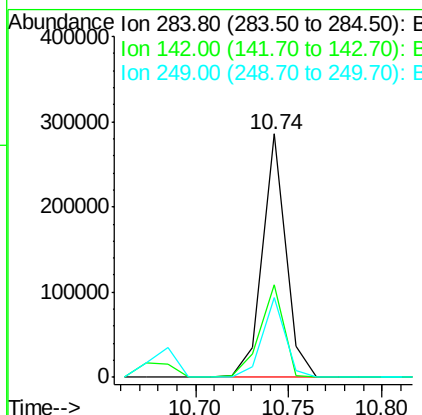
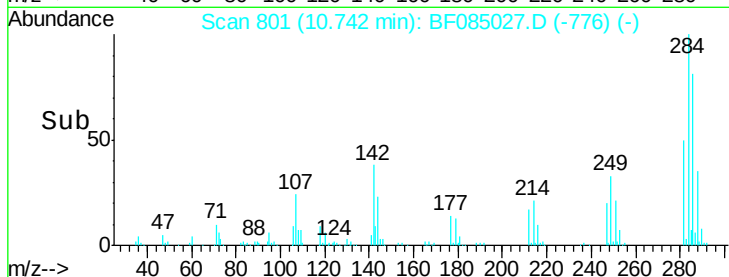
SB03-2-3MSD



Tgt Ion:	284	Resp:	246181
Ion Ratio	Lower	Upper	
284	100		
142	38.0	22.2	33.4#
249	32.6	24.6	37.0

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#68

Atrazine

Concen: 50.40 ng

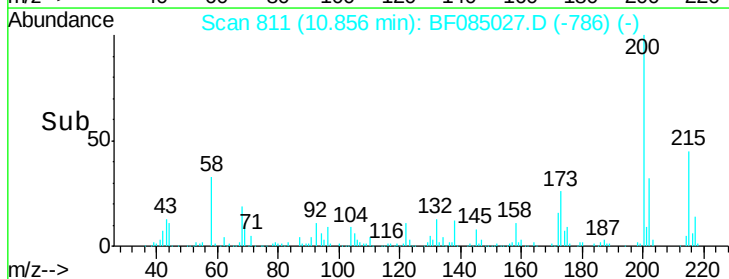
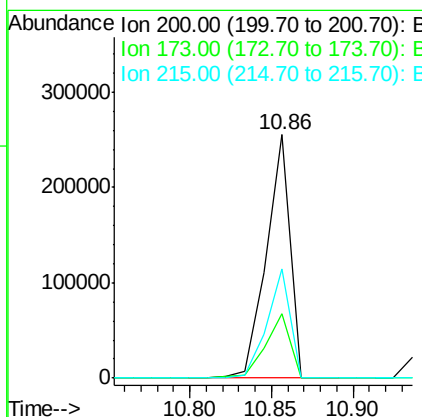
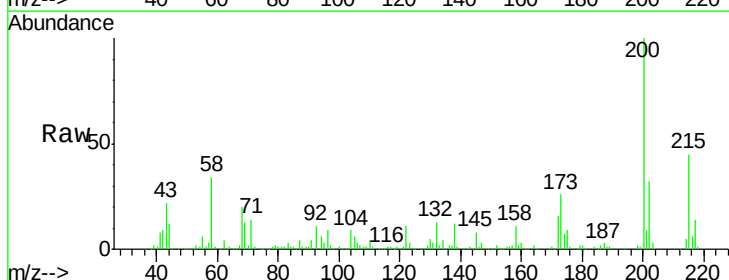
RT: 10.86 min Scan# 811

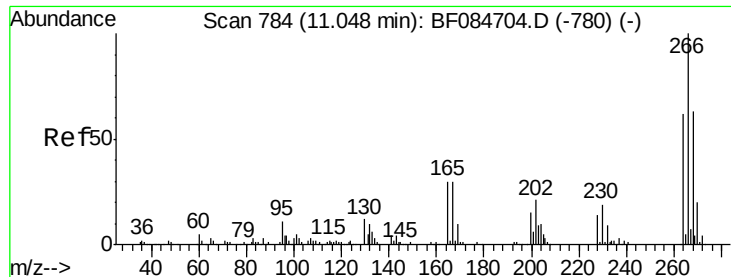
Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion:	200	Resp:	257404
Ion Ratio	Lower	Upper	
200	100		
173	26.3	9.5	49.5
215	44.7	23.8	63.8





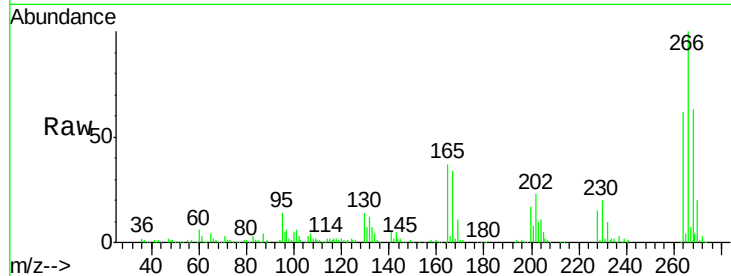
#69
 Pentachlorophenol
 Concen: 82.92 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

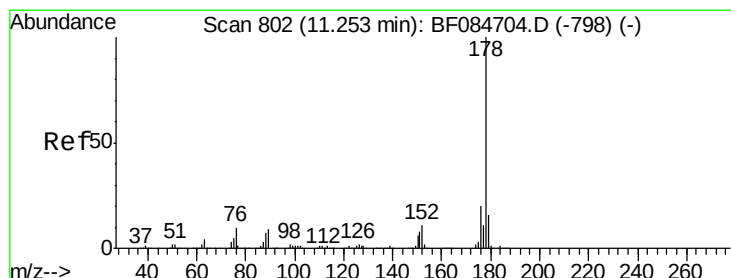
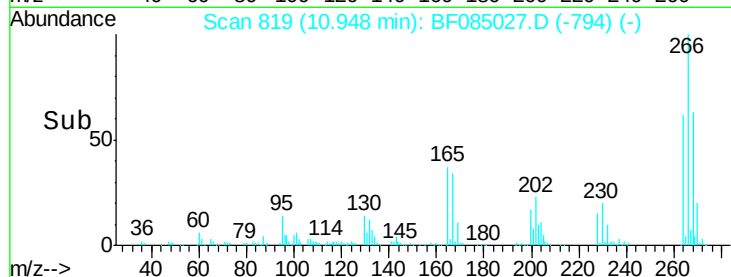
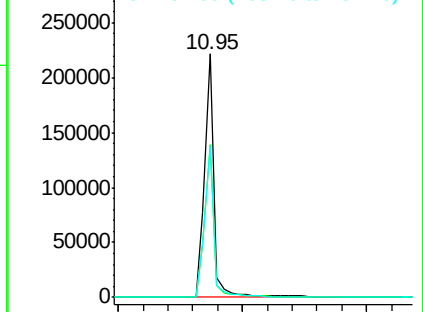
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	238875		
268	62.8	52.4	78.6	
264	62.1	50.2	75.2	

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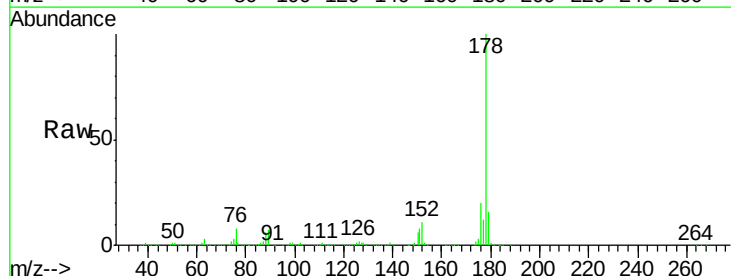


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

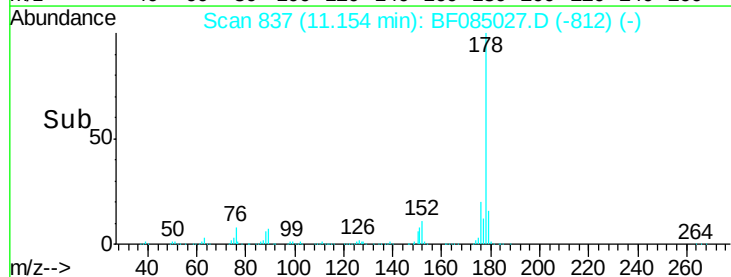
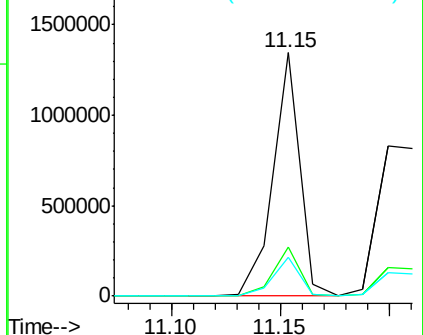


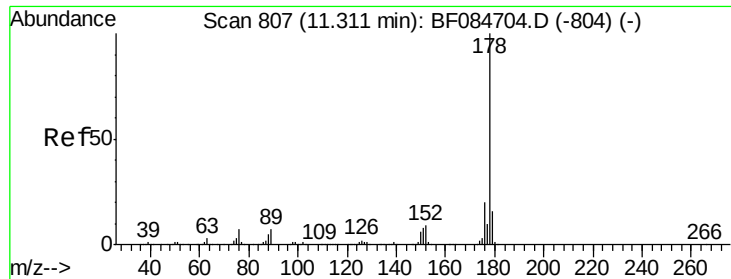
#70
 Phenanthrene
 Concen: 41.35 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1168099		
176	20.2	15.3	22.9	
179	16.0	12.0	18.0	



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





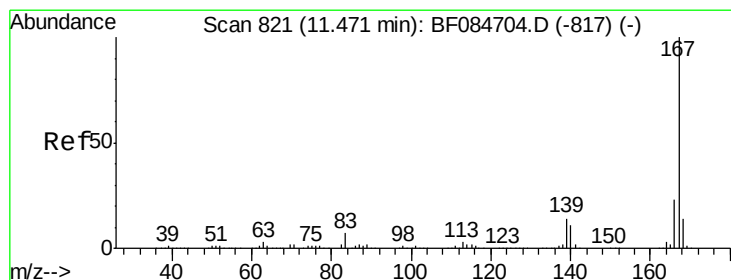
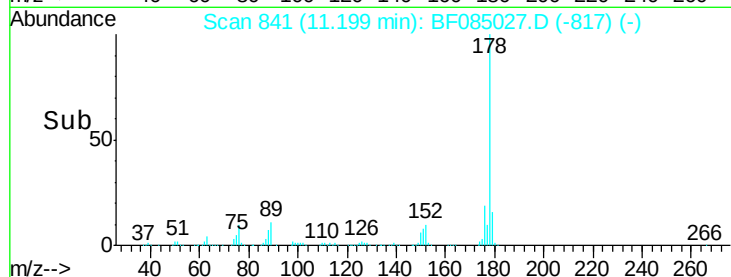
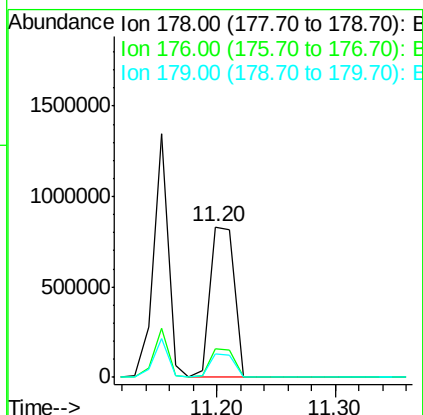
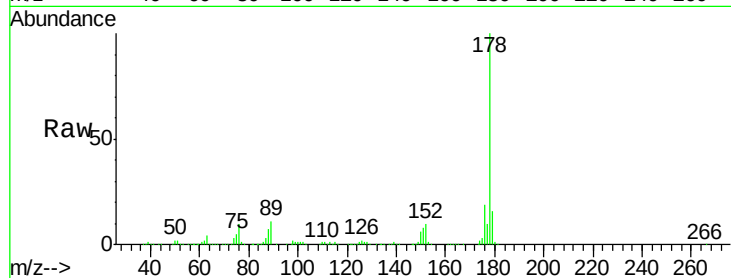
#71
 Anthracene
 Concen: 40.97 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:178 Resp: 1166324
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.9 12.5 18.7

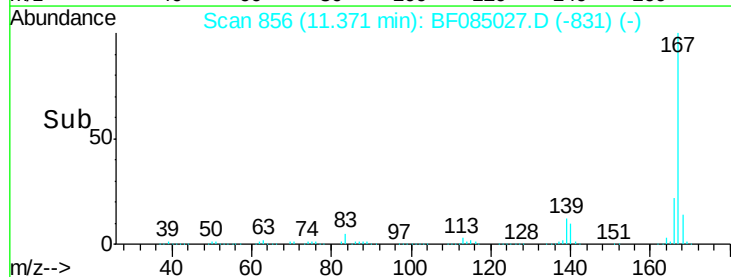
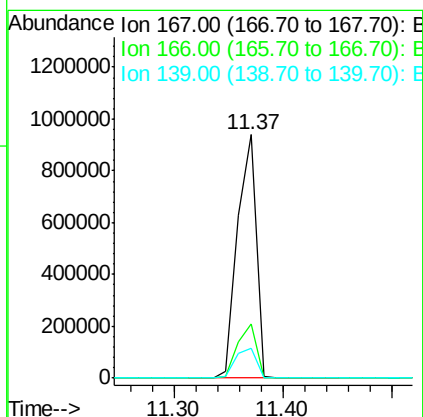
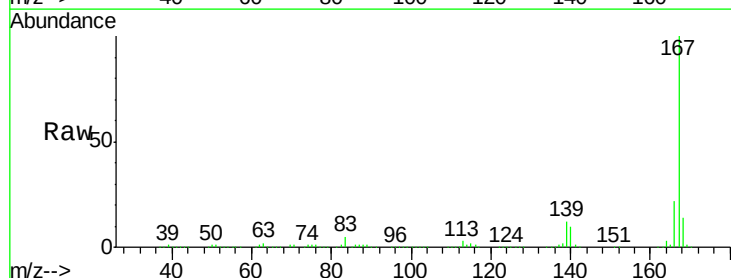
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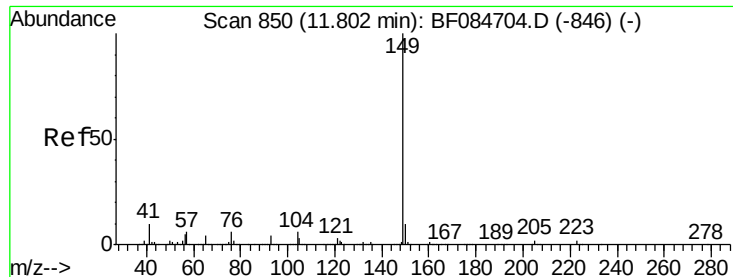
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#72
 Carbazole
 Concen: 44.51 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion:167 Resp: 1104839
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.5 11.8 17.8





#73

Di-n-butylphthalate

Concen: 39.79 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

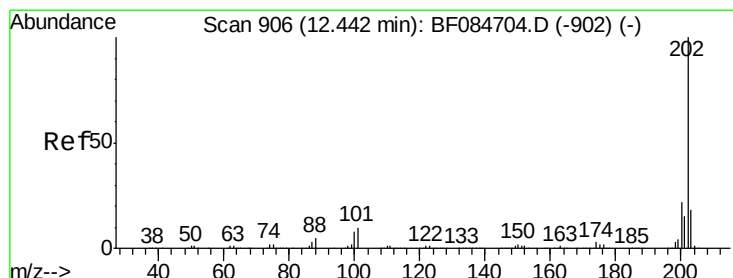
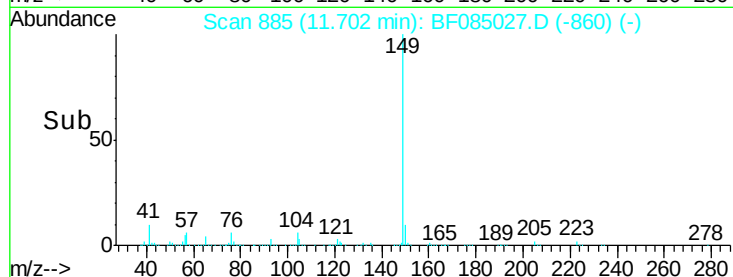
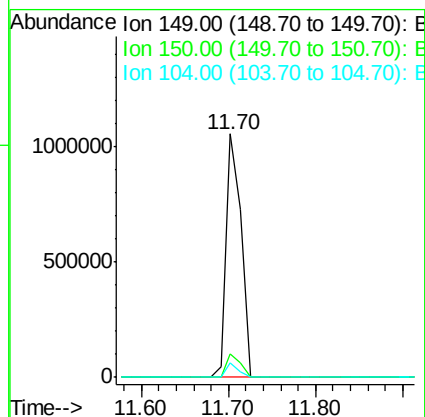
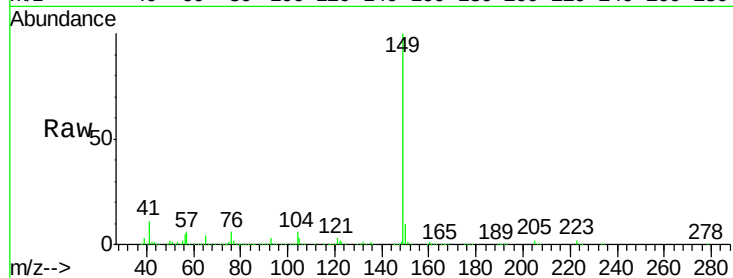
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Tgt Ion:	149	Resp:	1257208
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.1	10.7
104	5.7	3.2	4.8#



#74

Fluoranthene

Concen: 37.57 ng

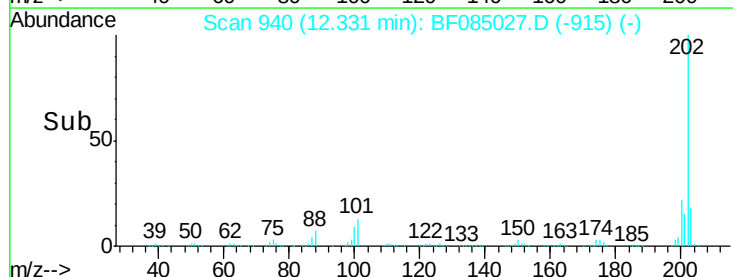
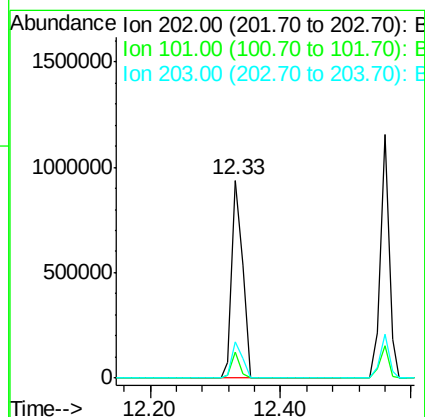
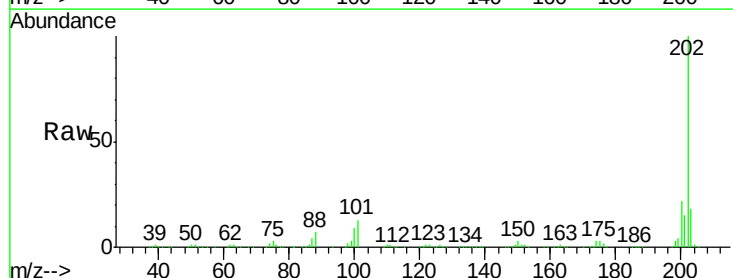
RT: 12.33 min Scan# 940

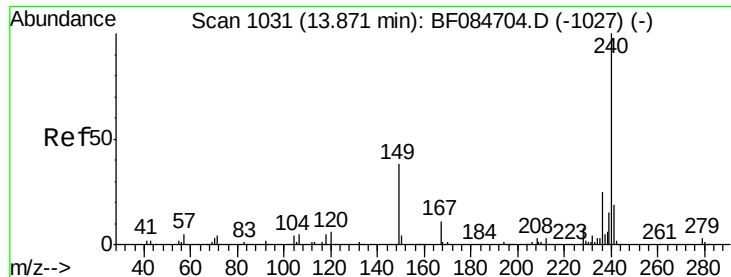
Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion:	202	Resp:	1074239
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	32.8
203	18.3	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

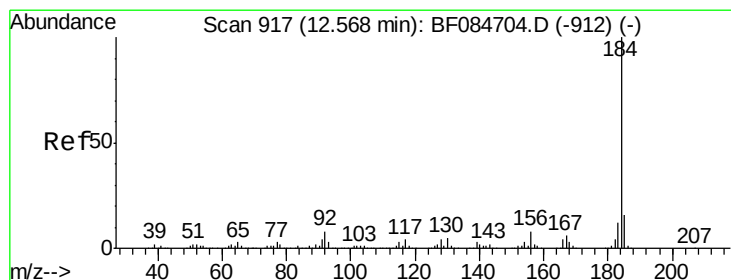
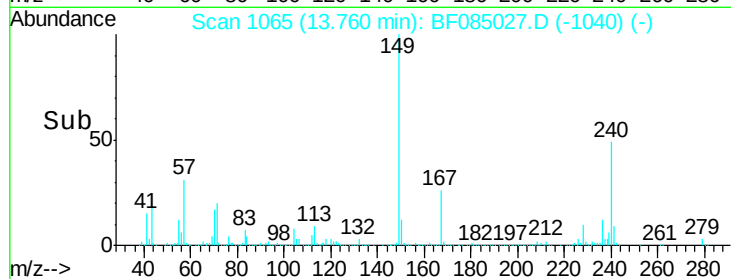
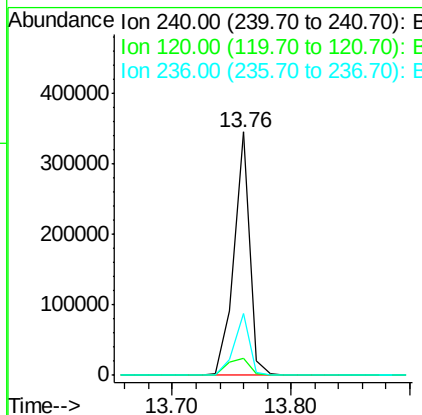
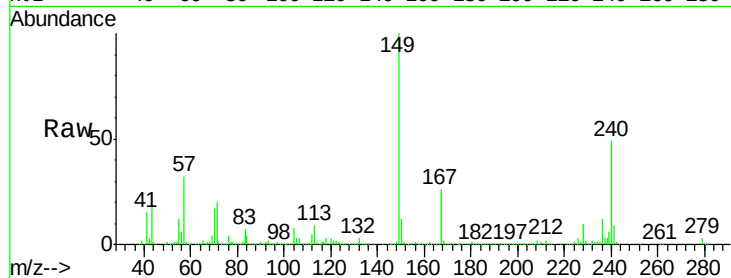
ClientSampleId :

SB03-2-3MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	316969		
120	6.9	9.5	14.3#	
236	25.3	20.6	31.0	

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#76

Benzidine

Concen: 27.40 ng

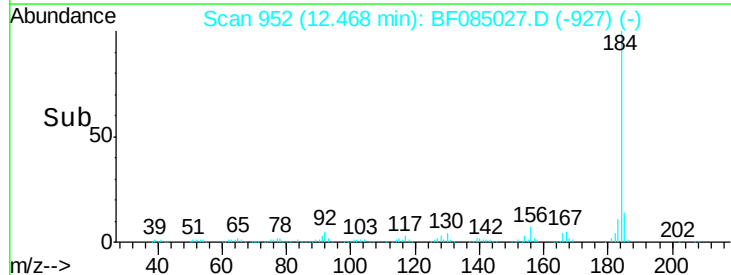
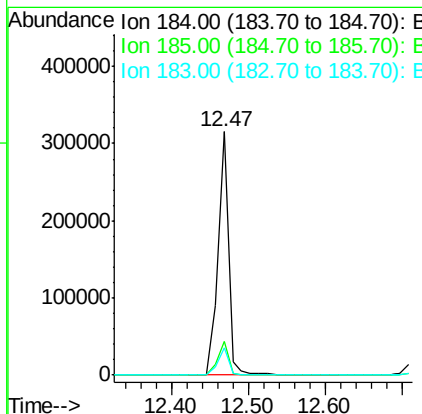
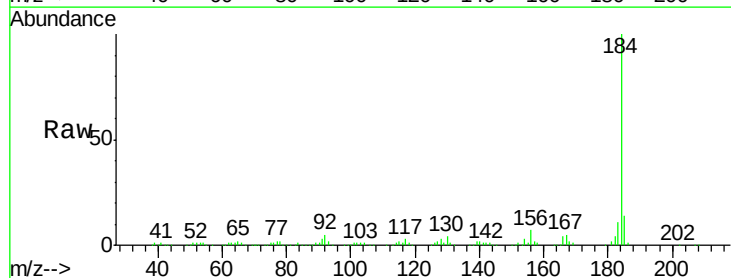
RT: 12.47 min Scan# 952

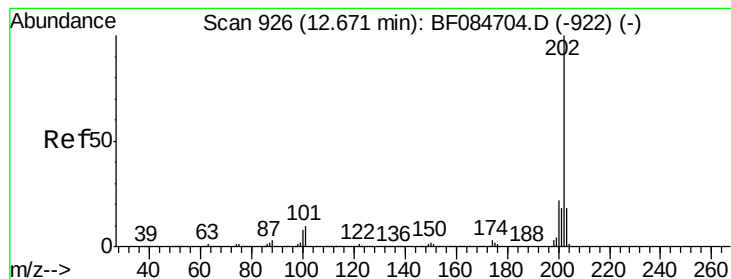
Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	303415		
185	13.9	12.2	18.2	
183	11.3	9.8	14.8	





#77

Pyrene

Concen: 44.20 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

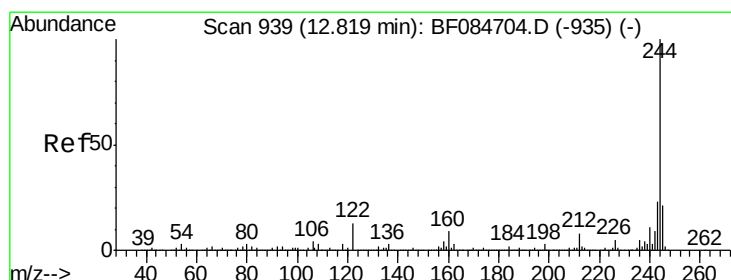
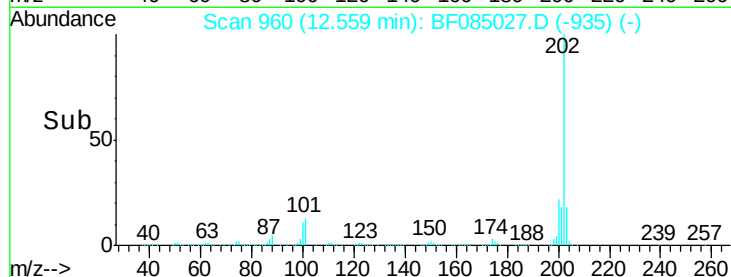
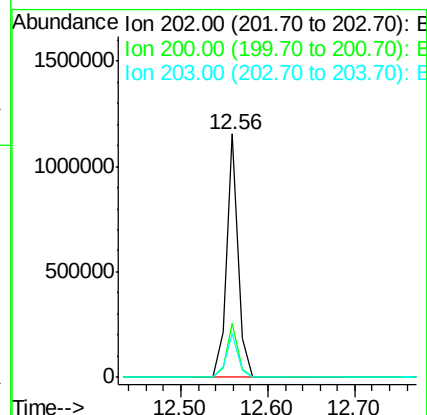
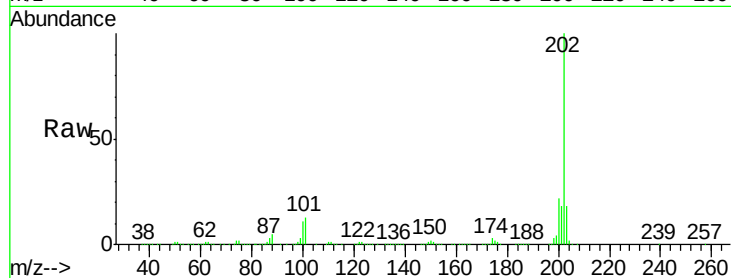
ClientSampleId :

SB03-2-3MSD

Tgt Ion:	202	Resp:	1072667
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.2	25.8
203	18.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 106.53 ng

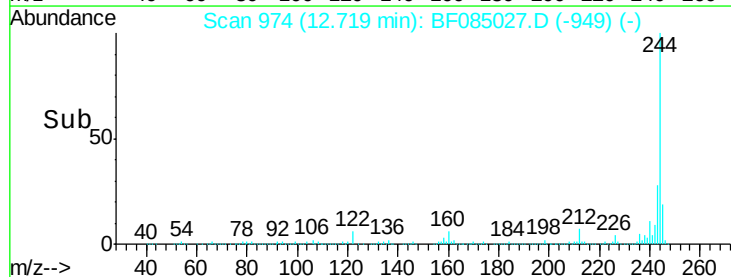
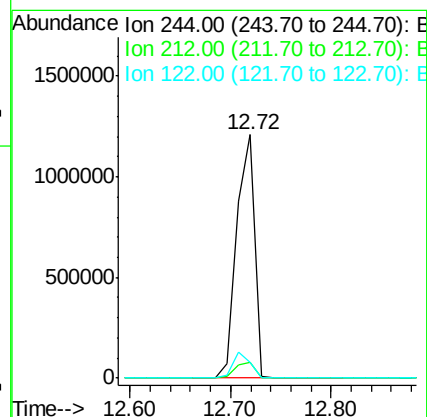
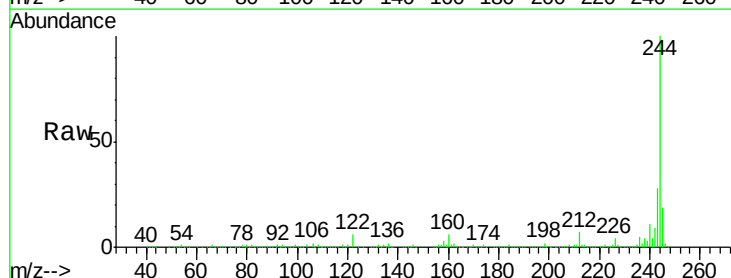
RT: 12.72 min Scan# 974

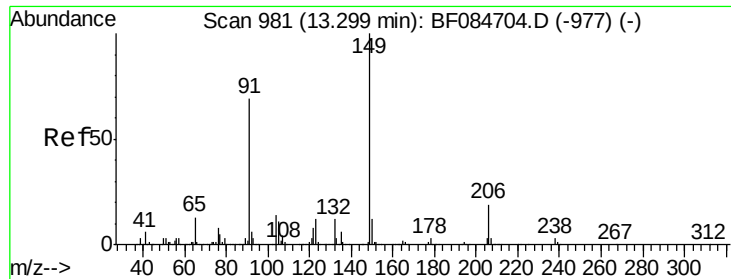
Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion:	244	Resp:	1490143
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	6.4	7.4	11.0#





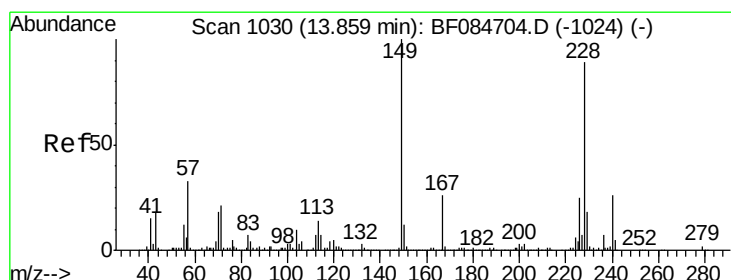
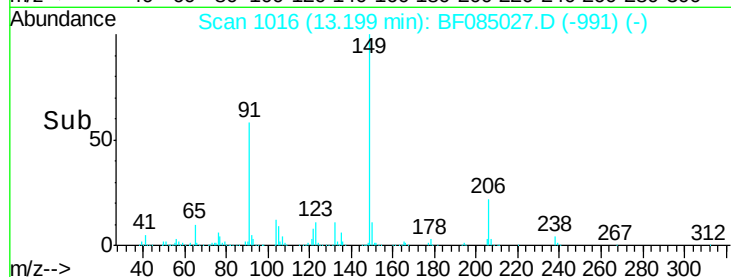
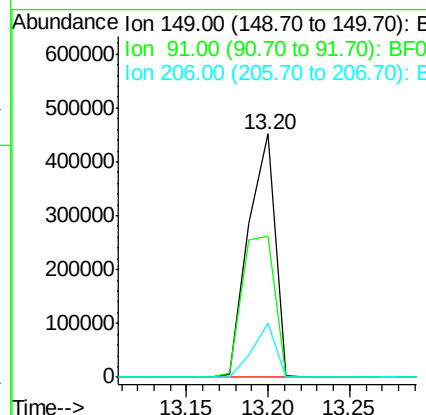
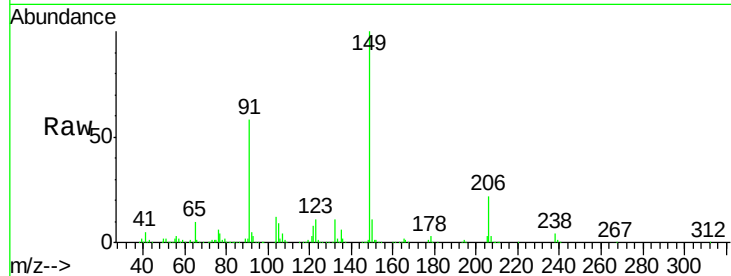
#79
Butylbenzylphthalate
Concen: 46.62 ng
RT: 13.20 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	58.2	57.6	86.4
206	22.3	13.2	19.8

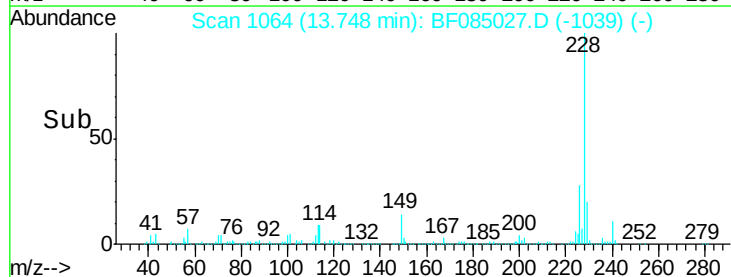
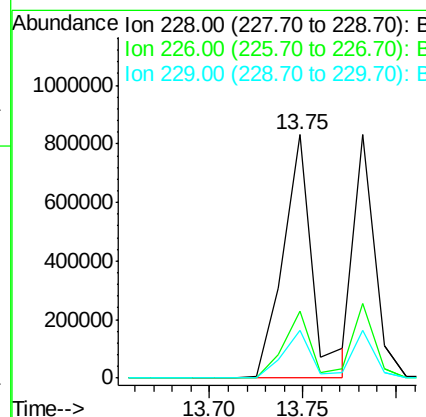
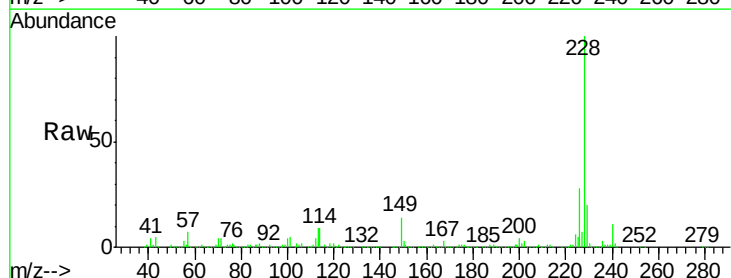
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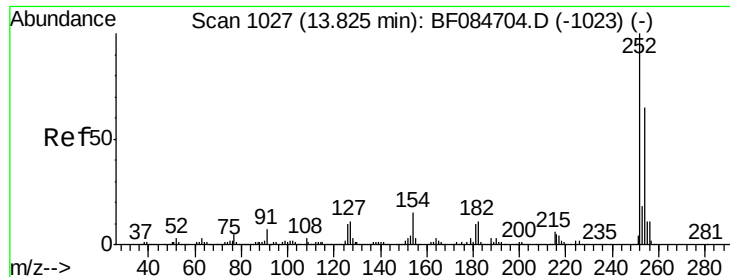
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#80
Benzo(a)anthracene
Concen: 45.81 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.6	21.8	32.6
229	19.9	15.8	23.8





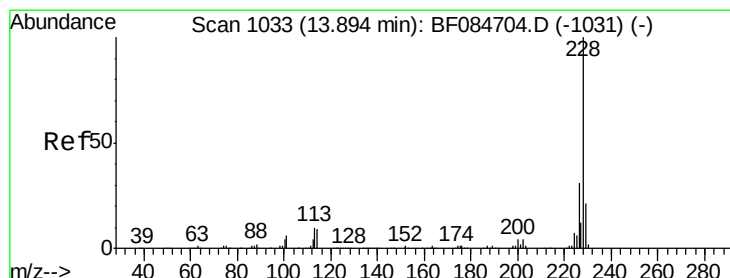
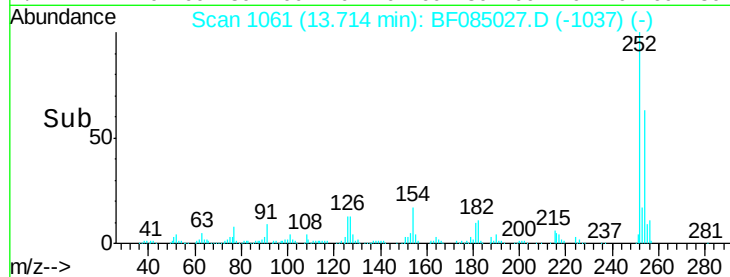
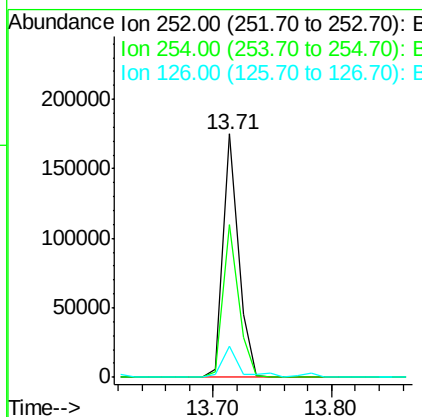
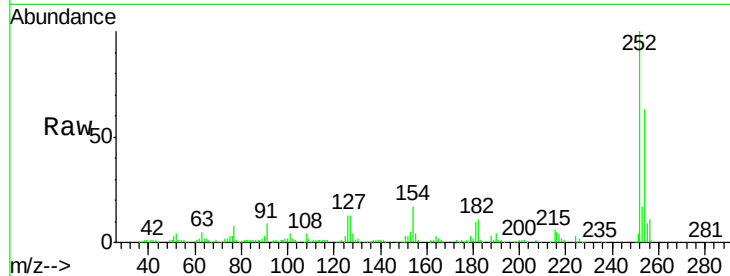
#81
 3,3'-Dichlorobenzidine
 Concen: 22.63 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	62.8	53.5	80.3
126	12.7	4.9	7.3

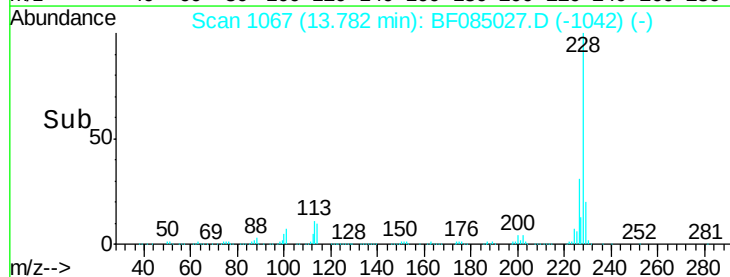
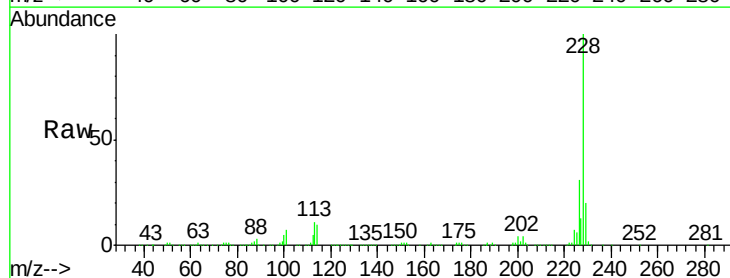
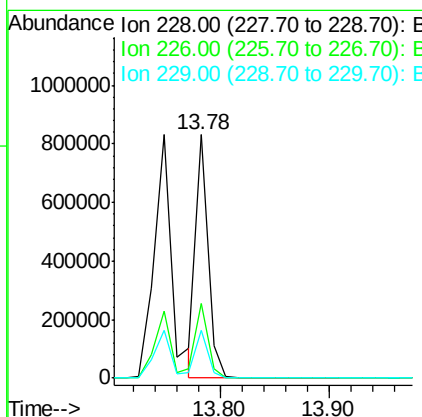
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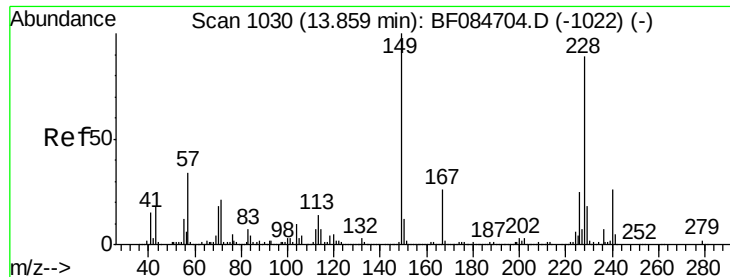
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#82
 Chrysene
 Concen: 34.35 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	24.3	36.5
229	19.9	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.14 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

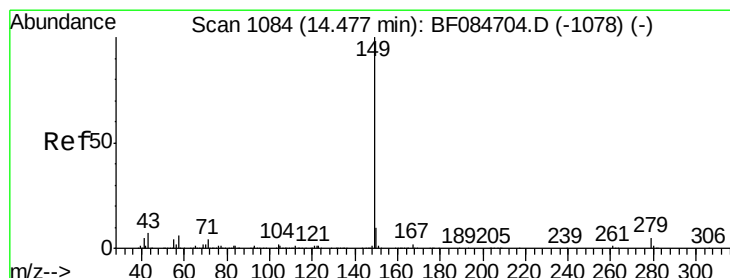
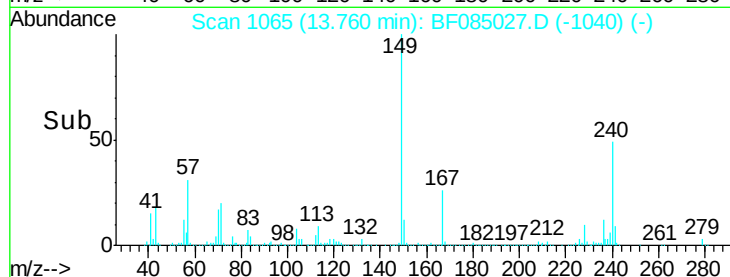
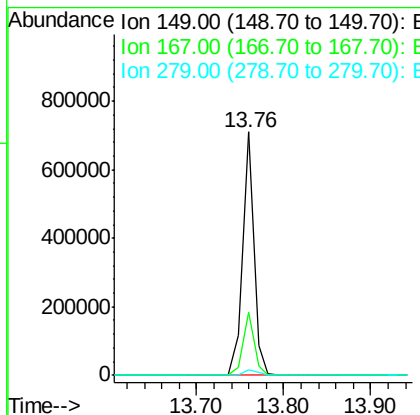
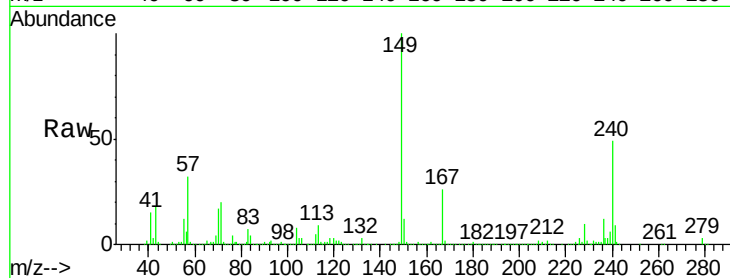
ClientSampleId :

SB03-2-3MSD

Tgt Ion:	149	Resp:	632137
Ion Ratio	Lower	Upper	
149	100		
167	25.8	19.7	29.5
279	2.5	1.8	2.6

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#84

Di-n-octyl phthalate

Concen: 42.65 ng

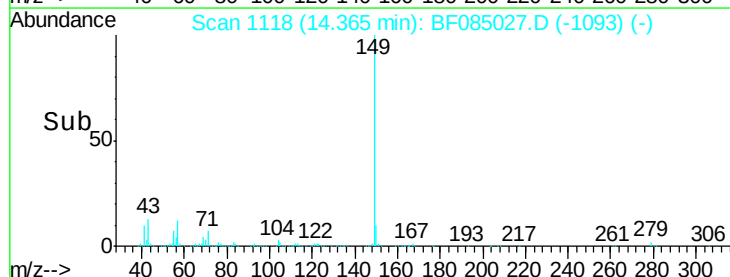
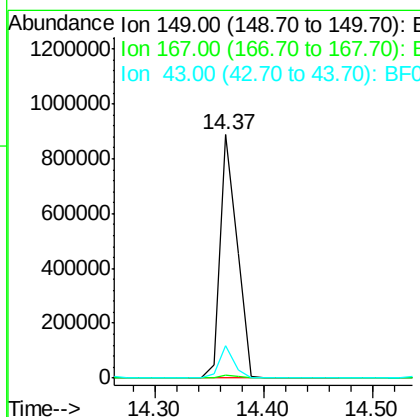
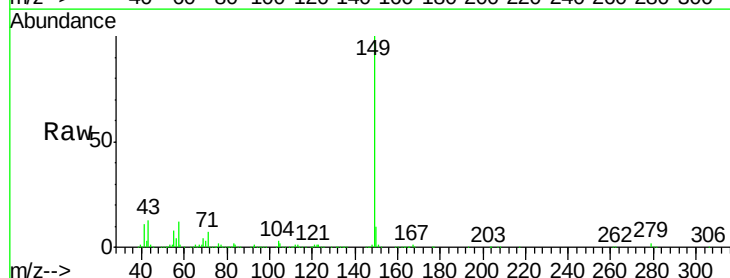
RT: 14.37 min Scan# 1118

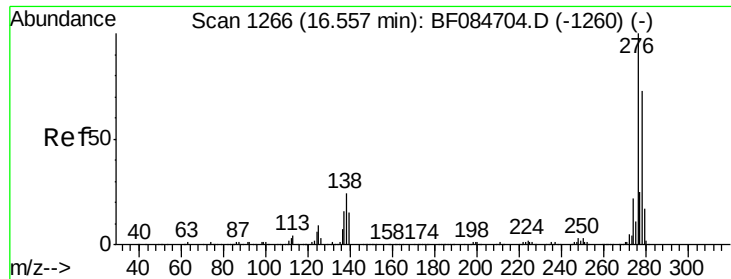
Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion:	149	Resp:	964005
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.3	5.6	8.4#





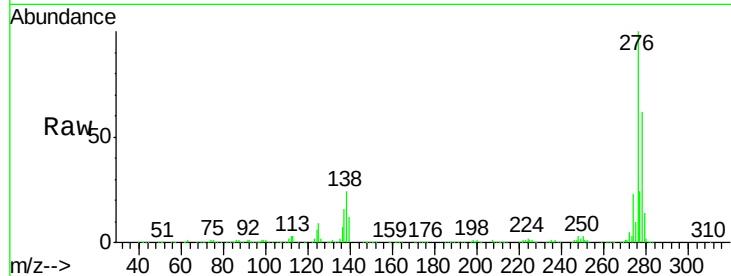
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.88 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

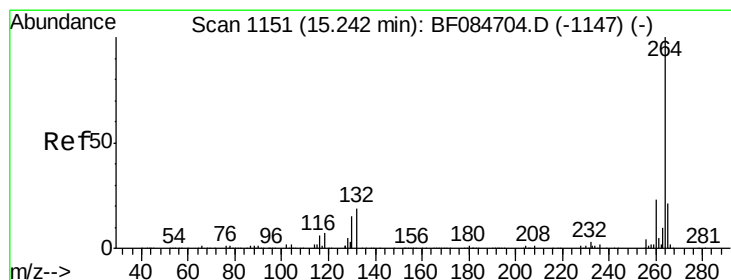
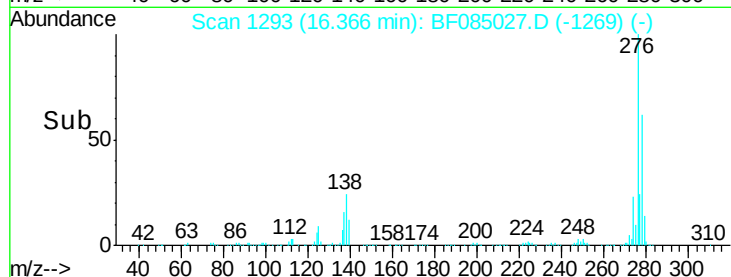
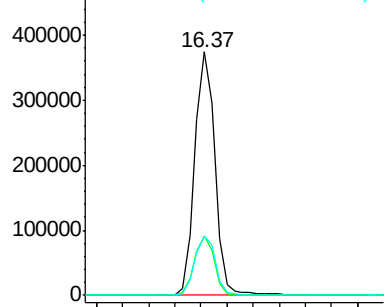
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	809084		
138	24.3	20.6	30.8	
277	25.0	20.1	30.1	

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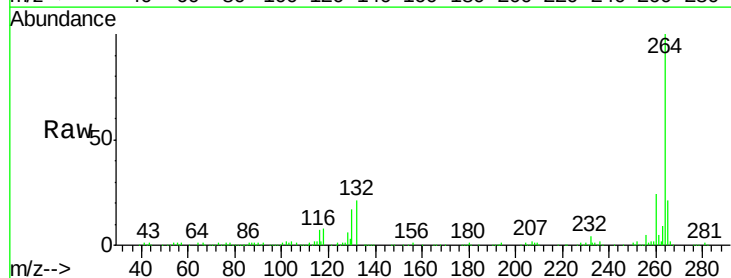


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

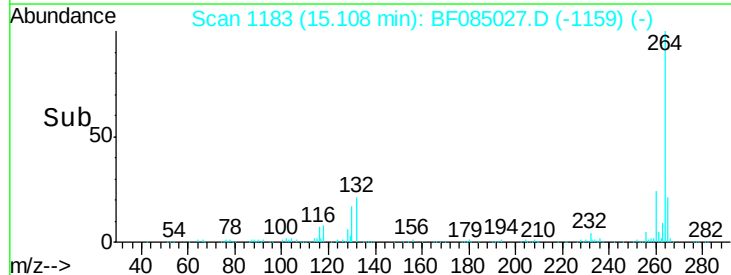
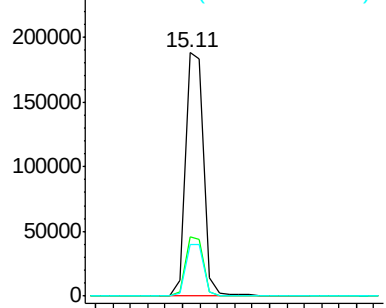


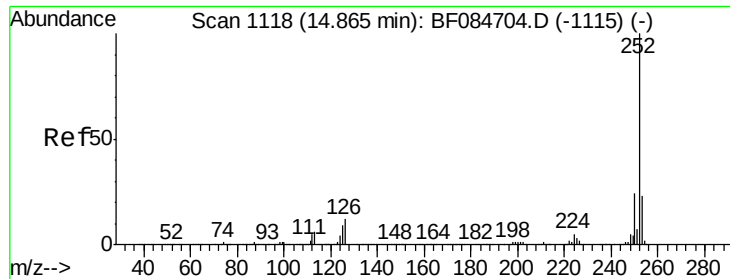
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	277907		
260	24.1	19.4	29.2	
265	21.1	17.8	26.6	



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.16 ng m

RT: 14.75 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

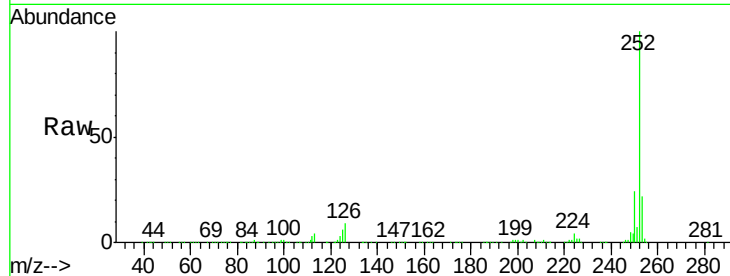
ClientSampleId :

SB03-2-3MSD

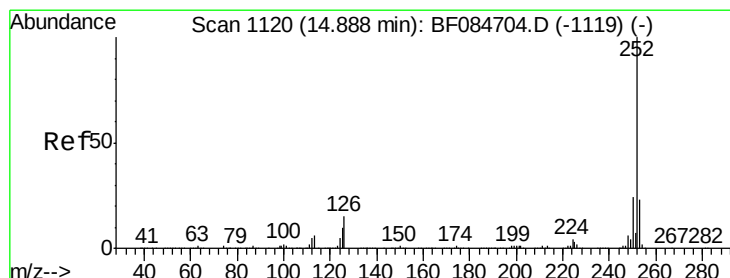
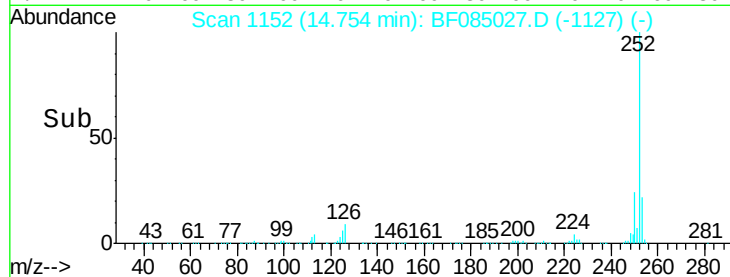
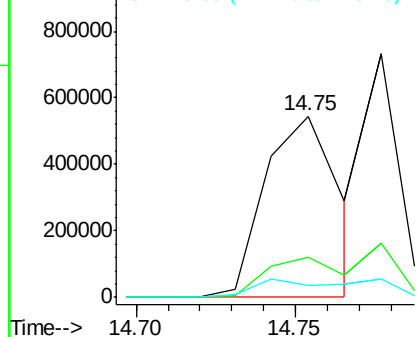
Tgt Ion:	252	Resp:	880533
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	6.4	6.5	9.7#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.91 ng m

RT: 14.78 min Scan# 1154

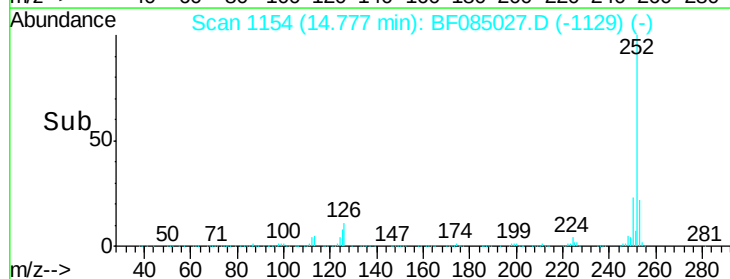
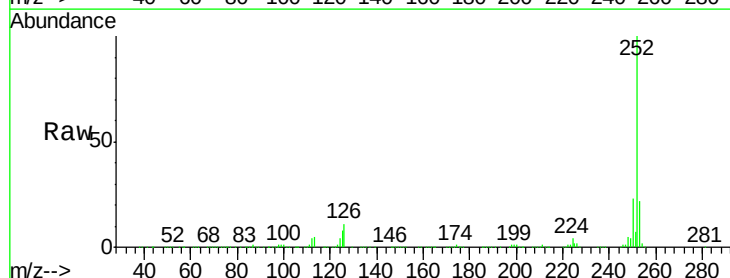
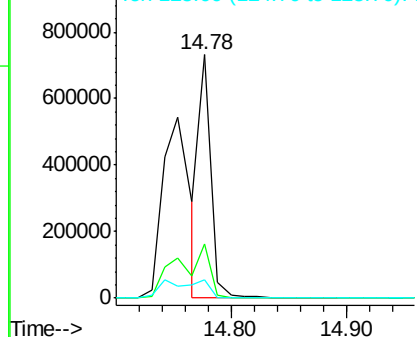
Delta R.T. -0.01 min

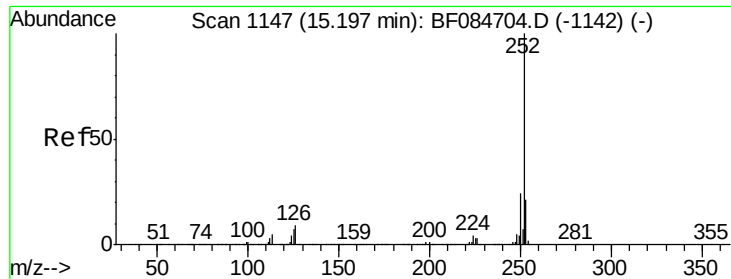
Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion:	252	Resp:	554358
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	7.6	9.0	13.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





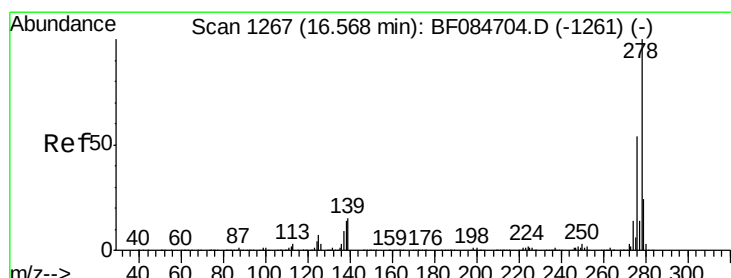
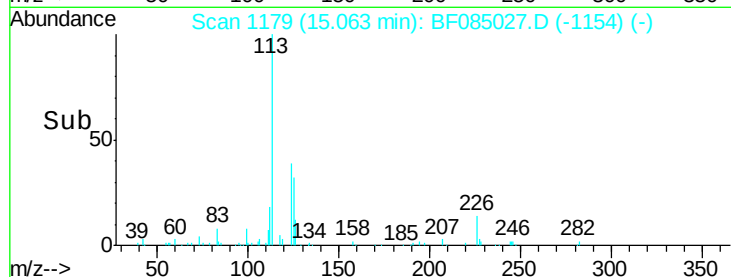
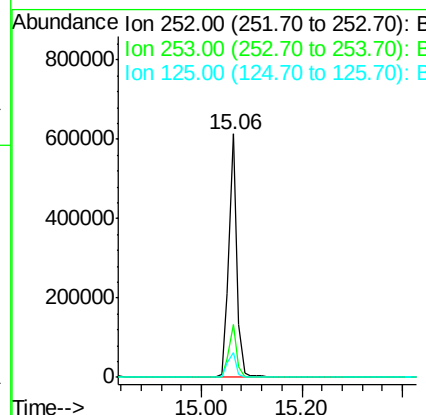
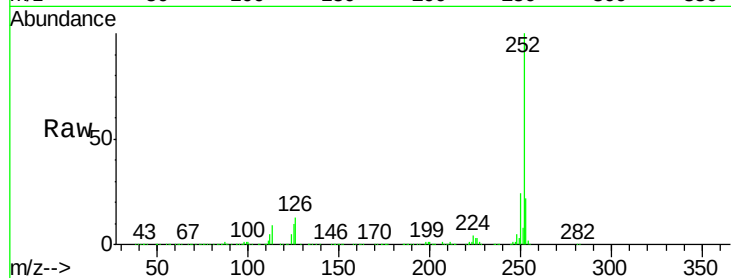
#89
Benzo(a)pyrene
Concen: 43.29 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.9	17.3	25.9
125	9.9	7.0	10.4

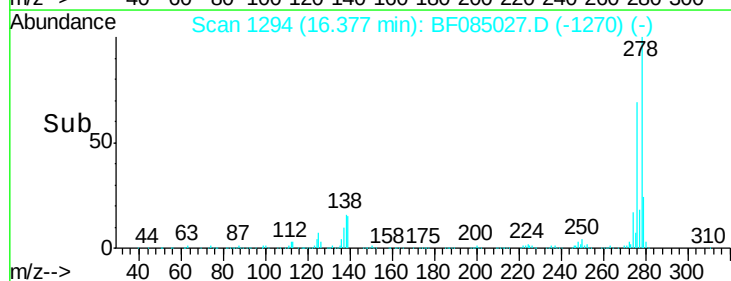
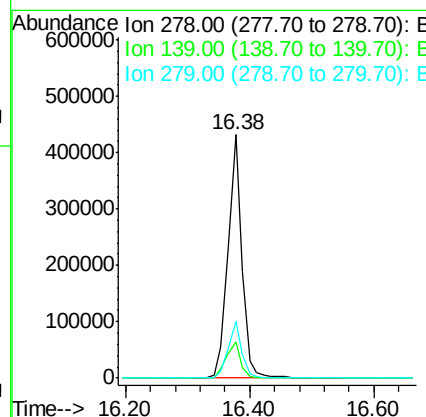
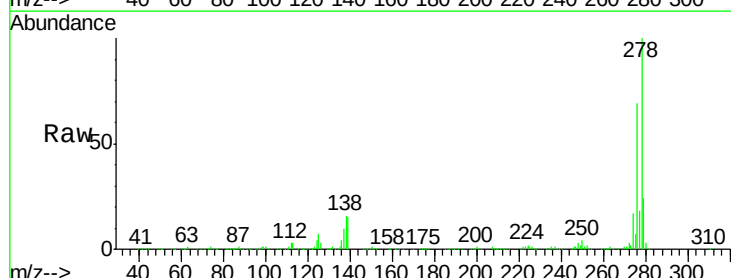
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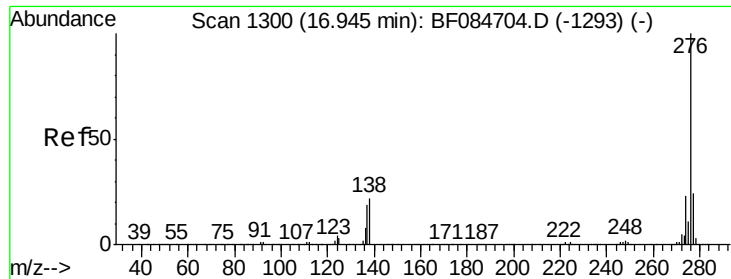
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#90
Dibenzo(a,h)anthracene
Concen: 50.14 ng
RT: 16.38 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	14.9	15.0	22.4#
279	23.5	18.9	28.3





#91
 Benzo(g,h,i)perylene
 Concen: 51.58 ng
 RT: 16.74 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:	276	Resp:	695841
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.8	28.2
138	19.0	17.8	26.6

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