

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084270.D
 Acq On : 5 Jan 2016 7:21
 Operator : UM/SJ
 Sample : G4987-02MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Manual Integrations
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Sohil
 1/5/2016 4:07:30 PM

Quant Time: Jan 05 07:57:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	257440	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1087166	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	498477	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	854467	20.00	ng	0.00
75) Chrysene-d12	14.05	240	531225	20.00	ng	-0.01
86) Perylene-d12	15.49	264	542167	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	2036334	127.94	ng	0.04
7) Phenol-d6	6.54	99	2260660	113.09	ng	0.01
23) Nitrobenzene-d5	7.46	82	1708307	87.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	605547	120.33	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	3012342	108.02	ng	0.00
78) Terphenyl-d14	13.00	244	2147925	90.25	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	314687m	41.74	ng	
3) Pyridine	3.44	79	677656m	32.24	ng	
4) n-Nitrosodimethylamine	3.34	42	479113	44.40	ng	# 77
6) Aniline	6.56	93	438278	14.99	ng	# 1
8) 2-Chlorophenol	6.68	128	806253	44.65	ng	85
9) Benzaldehyde	6.44	77	188613	14.49	ng	94
10) Phenol	6.56	94	842516	37.07	ng	92
11) bis(2-Chloroethyl)ether	6.64	93	886776	50.37	ng	90
12) 1,3-Dichlorobenzene	6.83	146	847566	45.50	ng	# 93
13) 1,4-Dichlorobenzene	6.91	146	917651	49.12	ng	95
14) 1,2-Dichlorobenzene	7.06	146	768280	42.95	ng	96
15) Benzyl Alcohol	7.05	79	746466	44.39	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1368212	42.68	ng	89
17) 2-Methylphenol	7.16	107	690700	45.64	ng	# 91
18) Hexachloroethane	7.40	117	345104	46.20	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	586861	43.37	ng	# 70
20) 3+4-Methylphenols	7.31	107	818282	46.00	ng	# 58
22) Acetophenone	7.31	105	1215321	46.49	ng	# 91
24) Nitrobenzene	7.48	77	983299	49.63	ng	91
25) Isophorone	7.72	82	1711253	45.80	ng	98
26) 2-Nitrophenol	7.79	139	444075	49.25	ng	# 81
27) 2,4-Dimethylphenol	7.84	122	825721	45.24	ng	96
28) bis(2-Chloroethoxy)methane	7.93	93	1039658	45.56	ng	98
29) 2,4-Dichlorophenol	8.04	162	730053	48.02	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	783337	49.91	ng	# 95
31) Naphthalene	8.20	128	2590685	52.52	ng	98
32) Benzoic acid	7.96	122	438449m	38.73	ng	
33) 4-Chloroaniline	8.25	127	232124	10.27	ng	98
34) Hexachlorobutadiene	8.32	225	417952	46.32	ng	98
35) Caprolactam	8.64	113	188176m	36.72	ng	
36) 4-Chloro-3-methylphenol	8.75	107	848045	49.80	ng	99
37) 2-Methylnaphthalene	8.90	142	1678861	47.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	693253	48.38	ng	98
40) Hexachlorocyclopentadiene	9.05	237	681540	78.78	ng	98

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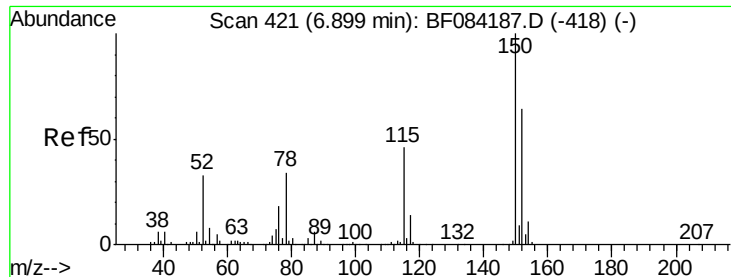
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	490201	45.72	nq	97
43) 2,4,5-Trichlorophenol	9.22	196	455204	44.29	nq #	83
45) 1,1'-Biphenyl	9.36	154	1832089	46.24	nq	98
46) 2-Chloronaphthalene	9.38	162	1423582	45.75	nq	97
47) 2-Nitroaniline	9.48	65	525480	51.16	nq	96
48) Acenaphthylene	9.80	152	2359132	51.31	nq	96
49) Dimethylphthalate	9.66	163	1707605	47.92	nq #	90
50) 2,6-Dinitrotoluene	9.72	165	360767	46.16	nq #	48
51) Acenaphthene	9.97	154	1747891	56.68	nq	96
52) 3-Nitroaniline	9.89	138	254851	26.31	nq	89
53) 2,4-Dinitrophenol	10.00	184	276171	82.82	nq #	87
54) Dibenzofuran	10.14	168	2097793	53.05	nq	93
55) 4-Nitrophenol	10.08	139	568743	80.90	nq	82
56) 2,4-Dinitrotoluene	10.12	165	476029	48.12	nq #	76
57) Fluorene	10.49	166	1650861	53.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	381888	43.52	nq	93
59) Diethylphthalate	10.36	149	1626080	46.28	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	700189	55.59	nq	94
61) 4-Nitroaniline	10.51	138	360731	41.78	nq	94
62) Azobenzene	10.64	77	1829546	47.47	nq	89
64) 4,6-Dinitro-2-methylphenol	10.53	198	226497	43.48	nq	95
65) n-Nitrosodiphenylamine	10.60	169	1451558	53.13	nq	98
66) 4-Bromophenyl-phenylether	10.97	248	477907	51.96	nq #	87
67) Hexachlorobenzene	11.02	284	498566	48.16	nq #	73
68) Atrazine	11.13	200	375740	42.03	nq	98
69) Pentachlorophenol	11.23	266	434414	80.94	nq	98
70) Phenanthrene	11.45	178	2318527	51.87	nq	96
71) Anthracene	11.49	178	2070630	47.26	nq	97
72) Carbazole	11.65	167	1726418	40.31	nq	98
73) Di-n-butylphthalate	11.98	149	2294685	52.56	nq #	95
74) Fluoranthene	12.64	202	2076109	44.47	nq	93
76) Benzidine	12.75	184	230211	12.09	nq	98
77) Pyrene	12.85	202	1986119	47.64	nq	98
79) Butylbenzylphthalate	13.48	149	875562	48.54	nq	99
80) Benzo(a)anthracene	14.04	228	1396674	44.78	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	384201	35.29	nq #	95
82) Chrysene	14.09	228	1405833	46.90	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	997186	43.76	nq #	95
84) Di-n-octyl phthalate	14.65	149	1683682	43.76	nq #	87
85) Indeno(1,2,3-cd)pyrene	16.91	276	1576966	66.37	nq	100
87) Benzo(b)fluoranthene	15.08	252	1572748m	44.35	nq	
88) Benzo(k)fluoranthene	15.11	252	1363530m	47.01	nq	
89) Benzo(a)pyrene	15.44	252	1469894	48.86	nq #	97
90) Dibenzo(a,h)anthracene	16.93	278	1289164	49.80	nq	99
91) Benzo(g,h,i)perylene	17.35	276	1273400	47.50	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:152 Resp: 257440

Ion Ratio Lower Upper

152 100

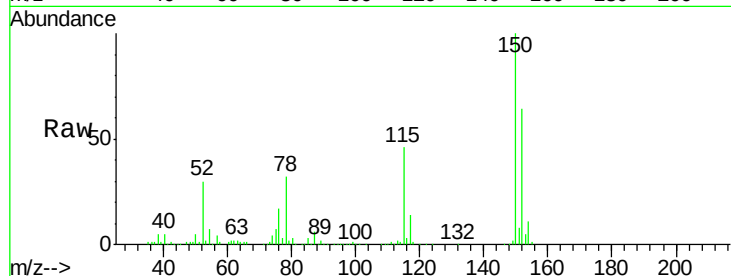
150 157.2 123.0 184.4

115 72.0 51.4 77.2

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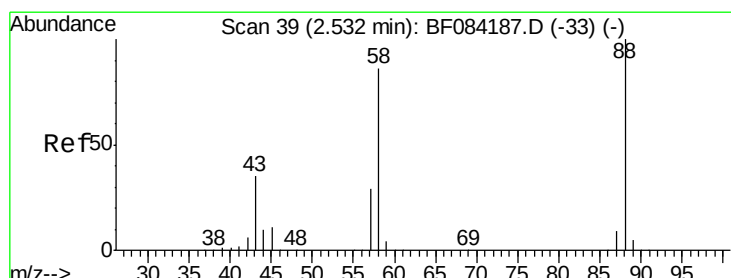
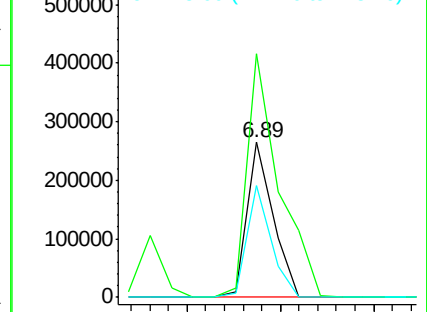
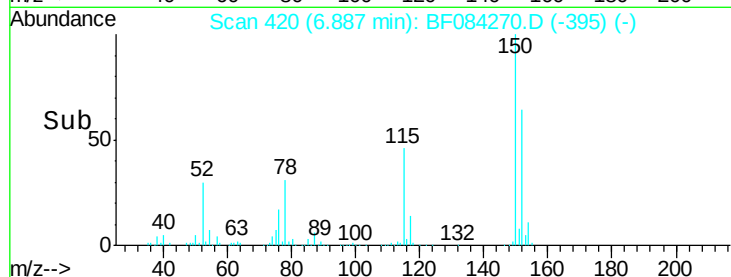
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.74 ng m

RT: 2.72 min Scan# 55

Delta R.T. 0.18 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

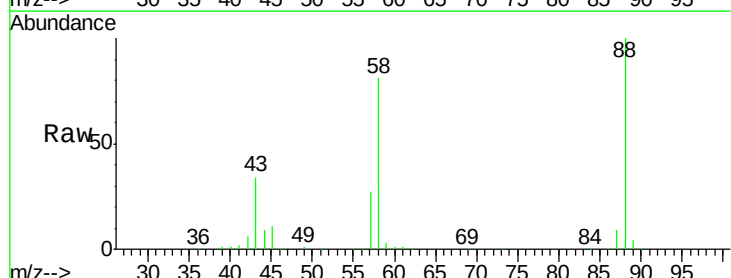
Tgt Ion: 88 Resp: 314687

Ion Ratio Lower Upper

88 100

58 4.8 51.2 76.8#

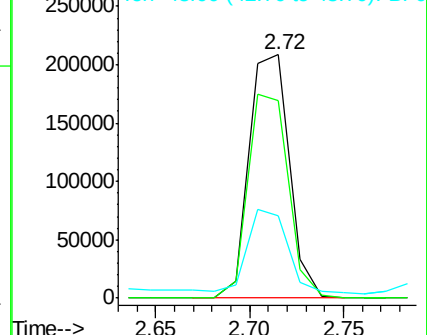
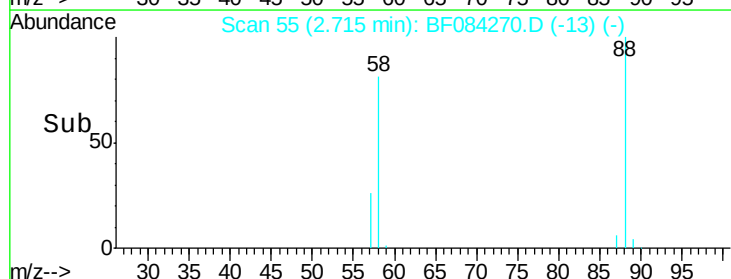
43 207.8 19.5 29.3#

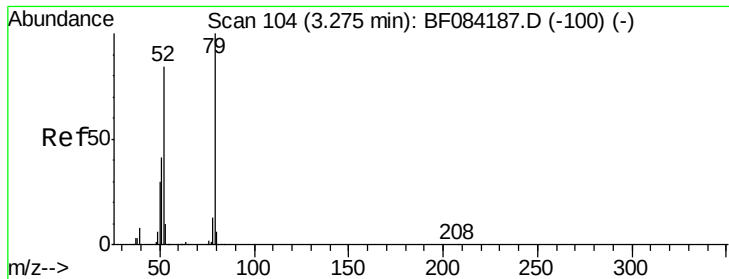


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.24 ng/ml

RT: 3.44 min Scan# 118

Delta R.T. 0.16 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

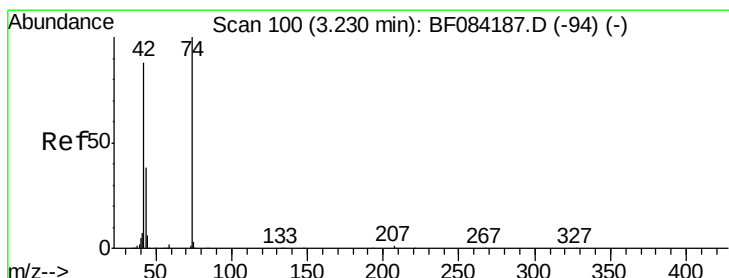
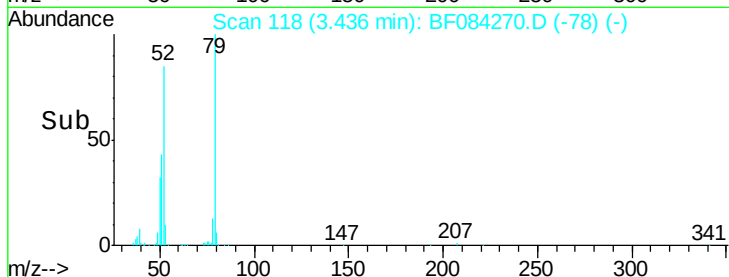
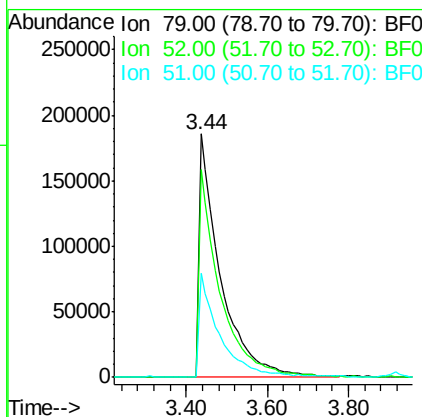
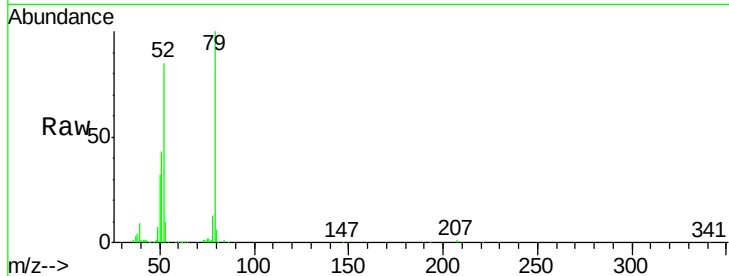
ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:	79	Resp:	677656
Ion Ratio	Lower	Upper	
79	100		
52	85.4	49.0	73.4#
51	42.8	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 44.40 ng/ml

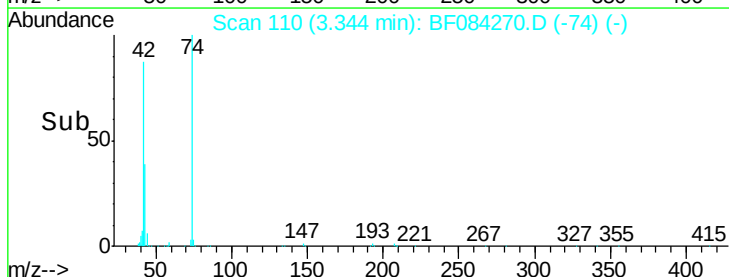
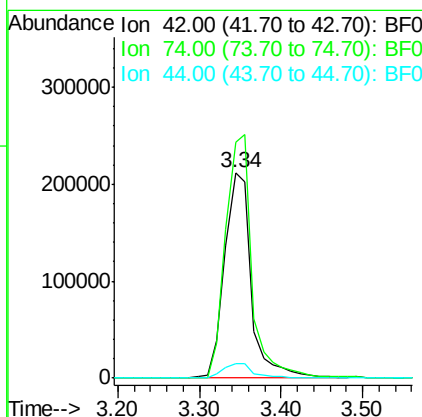
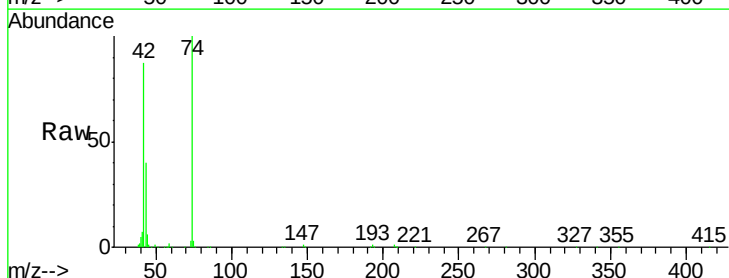
RT: 3.34 min Scan# 110

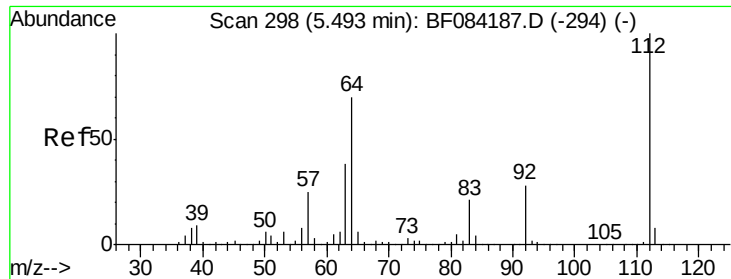
Delta R.T. 0.11 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion:	42	Resp:	479113
Ion Ratio	Lower	Upper	
42	100		
74	114.6	115.7	173.5#
44	7.3	5.1	7.7





#5

2-Fluorophenol

Concen: 127.94 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.04 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

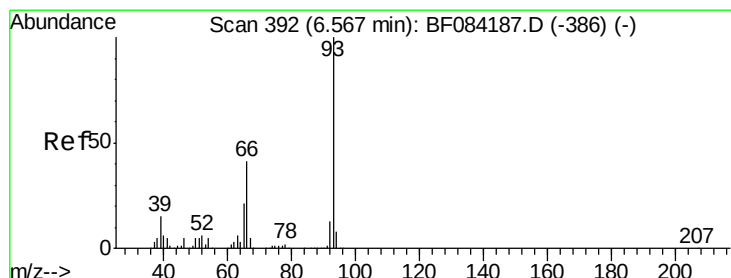
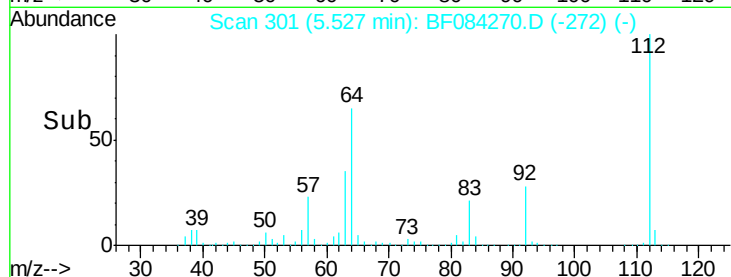
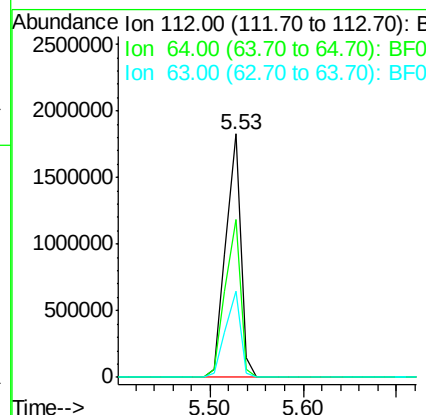
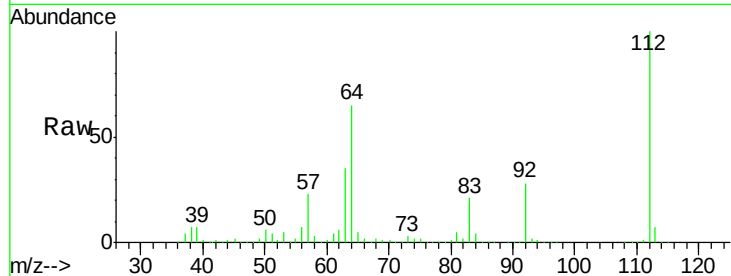
ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:	112	Resp:	2036334
Ion Ratio	Lower	Upper	
112	100		
64	64.9	36.6	55.0#
63	35.5	19.4	29.0#

Manual Integrations
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#6

Aniline

Concen: 14.99 ng

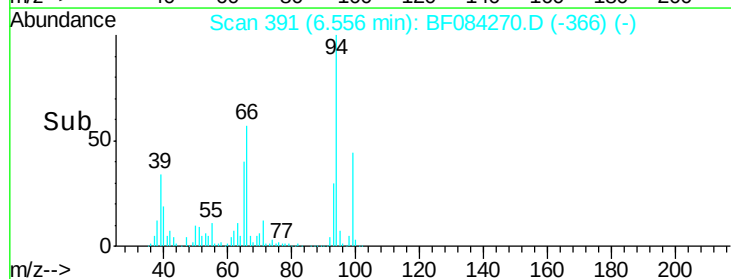
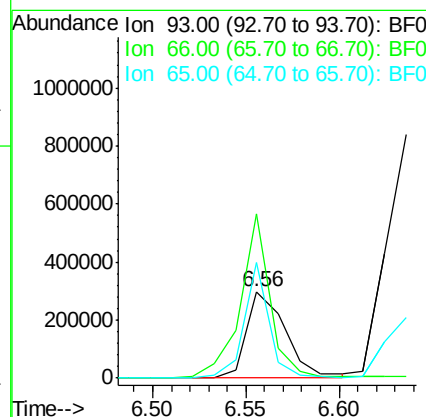
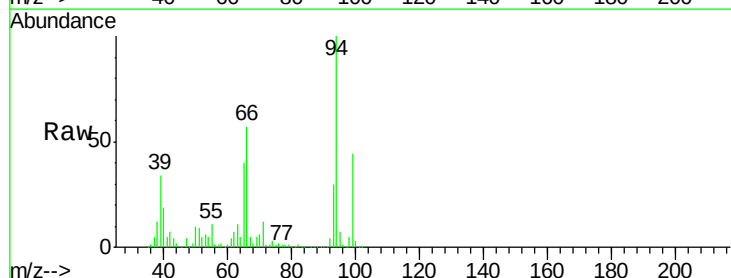
RT: 6.56 min Scan# 391

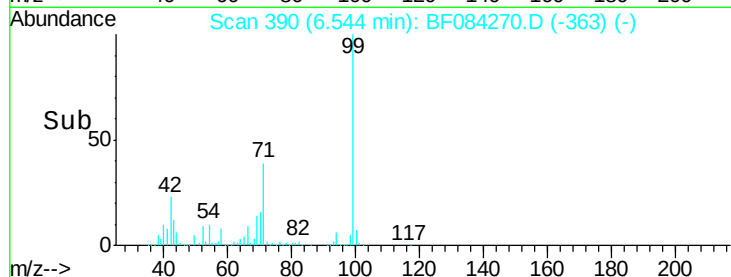
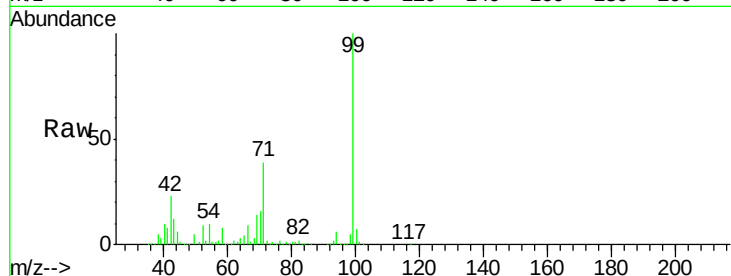
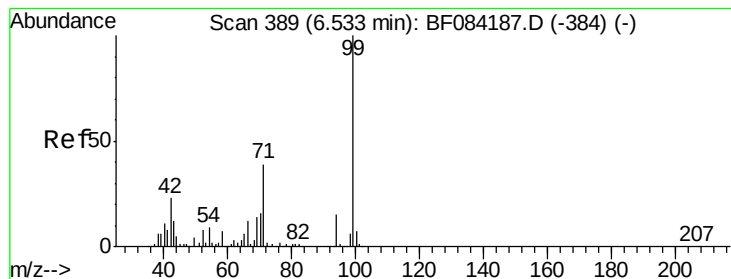
Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion:	93	Resp:	438278
Ion Ratio	Lower	Upper	
93	100		
66	189.8	44.9	67.3#
65	132.6	23.7	35.5#





#7

Phenol-d6

Concen: 113.09 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tot Ion: 99 Resp: 2260660

Ion Ratio Lower Upper

99 100

42 23.4 12.8 19.2#

71 39.4 30.9 46.3

Instrument :

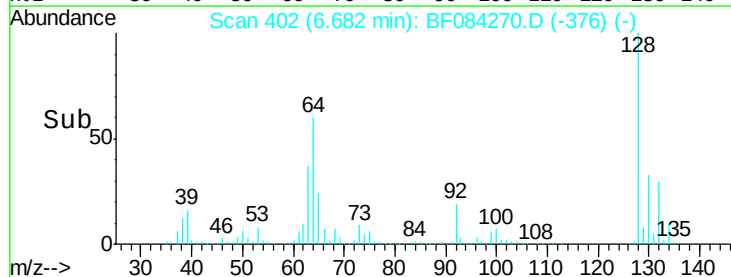
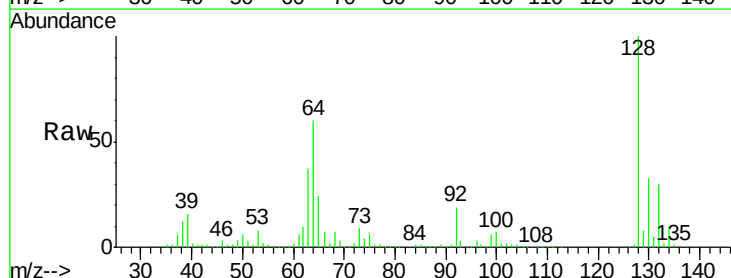
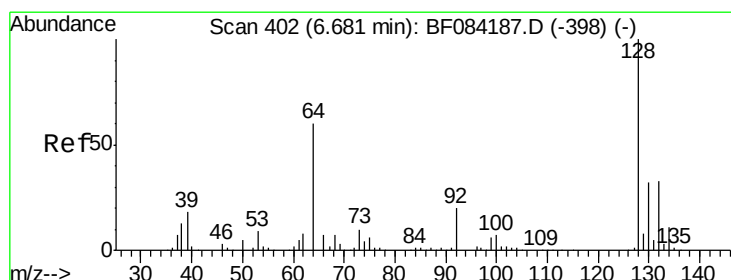
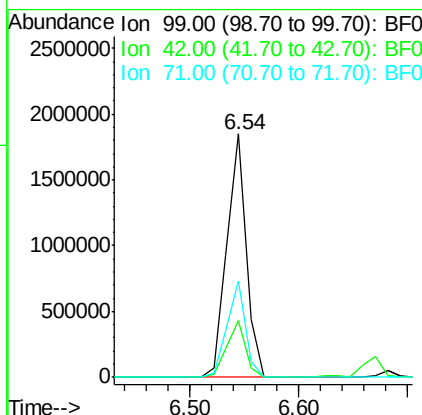
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 44.65 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

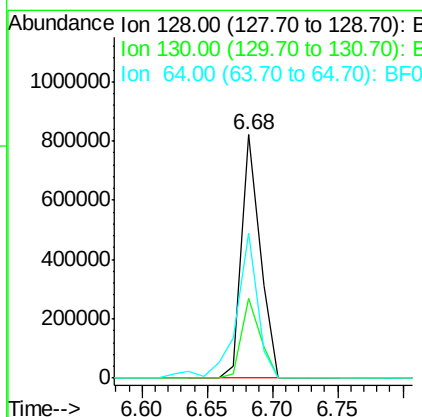
Tgt Ion:128 Resp: 806253

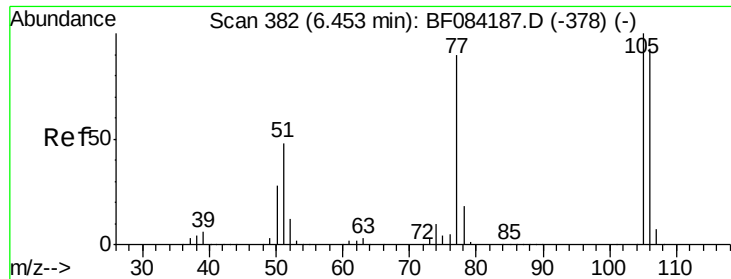
Ion Ratio Lower Upper

128 100

130 32.6 11.6 51.6

64 59.6 23.8 63.8





#9

Benzaldehyde

Concen: 14.49 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

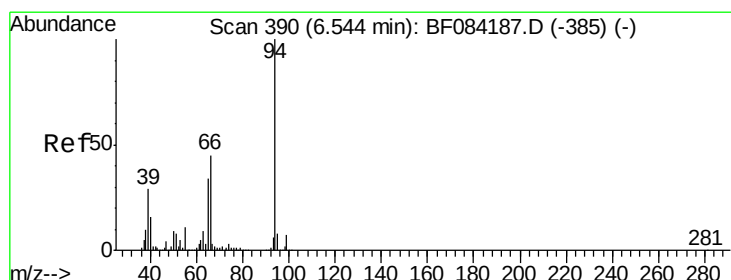
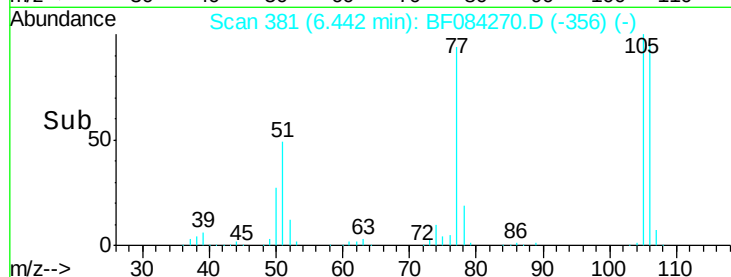
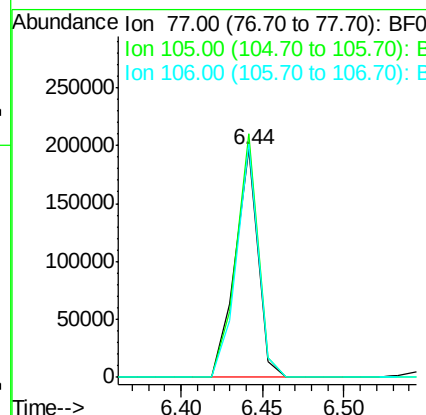
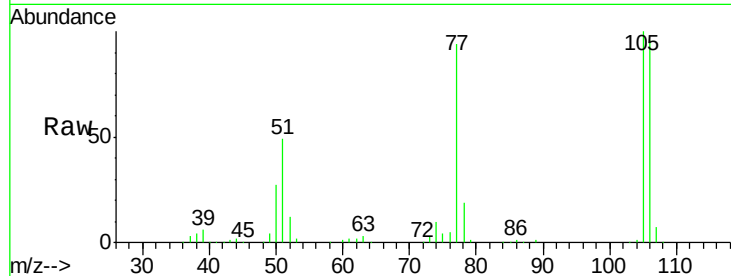
ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:	77	Resp:	188613
Ion Ratio	Lower	Upper	
77	100		
105	106.9	83.0	123.0
106	102.3	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 37.07 ng

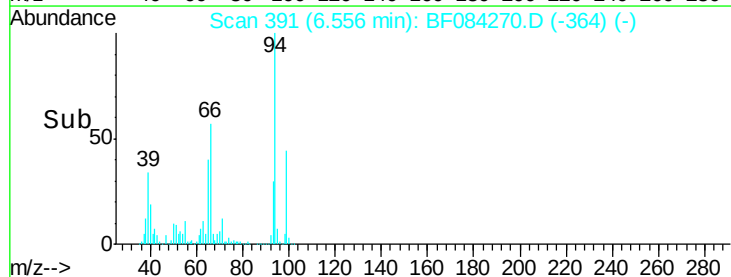
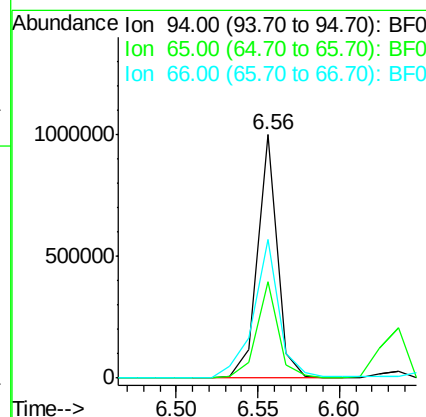
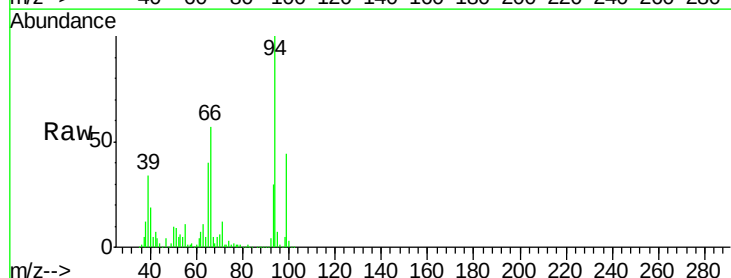
RT: 6.56 min Scan# 391

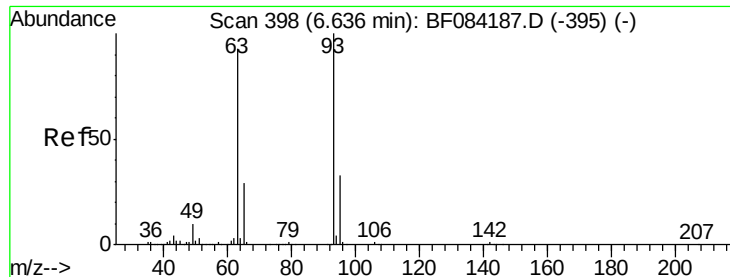
Delta R.T. 0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion:	94	Resp:	842516
Ion Ratio	Lower	Upper	
94	100		
65	39.7	12.9	52.9
66	56.8	32.7	72.7





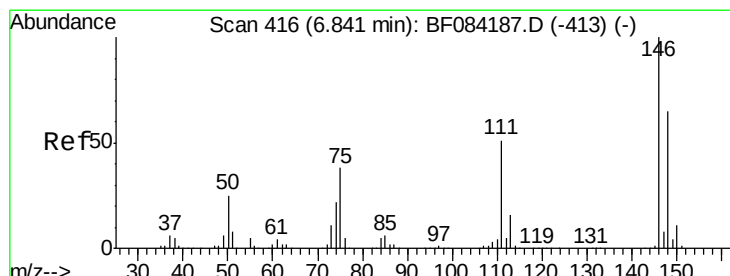
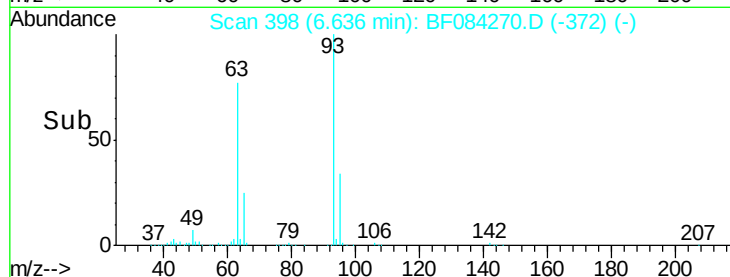
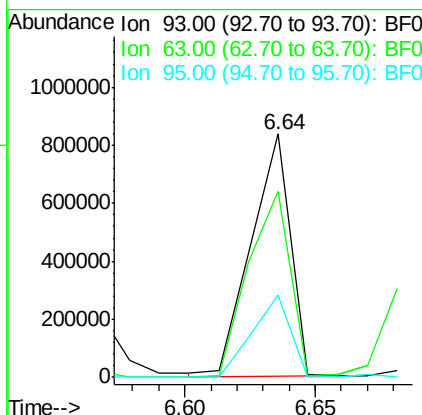
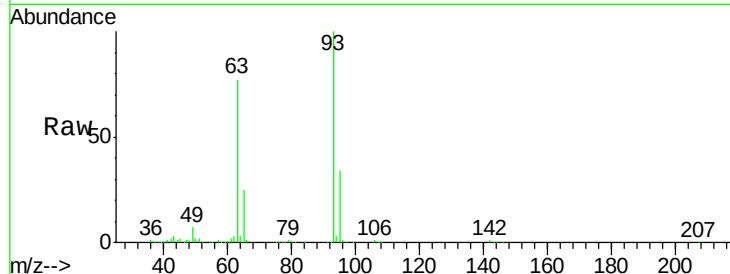
#11
bis(2-Chloroethyl)ether
Concen: 50.37 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampled :
DRUM(116-142)COMPOSITEMS

Tot Ion:	93	Resp:	886776
Ion Ratio	Lower	Upper	
93	100		
63	76.6	45.9	85.9
95	33.9	12.3	52.3

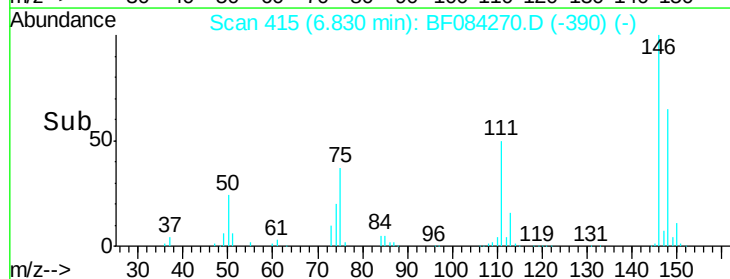
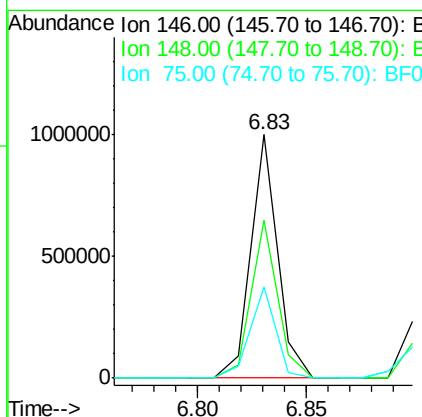
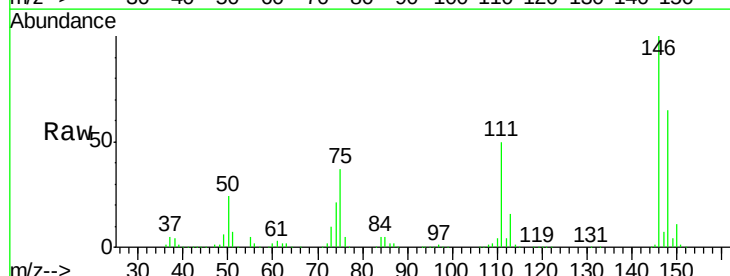
Manual Integrations
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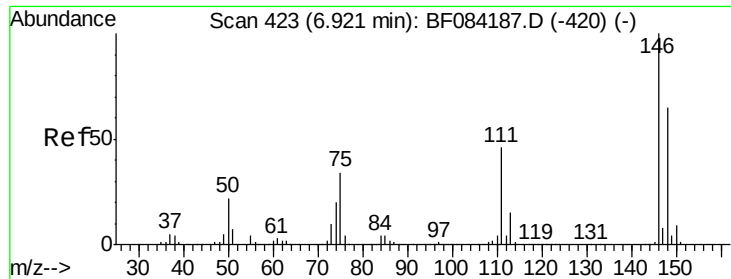
Sohil
1/5/2016 4:07:30 PM



#12
1,3-Dichlorobenzene
Concen: 45.50 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion:	146	Resp:	847566
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.9	77.9
75	37.3	20.5	30.7#





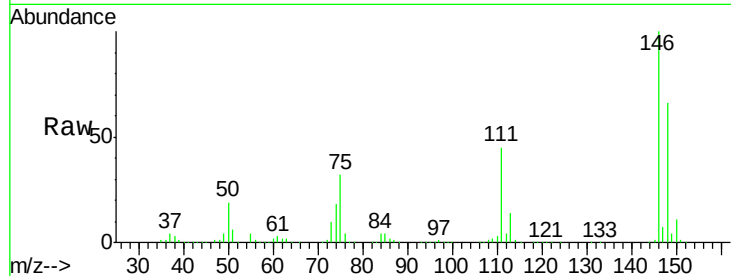
#13
1,4-Dichlorobenzene
Concen: 49.12 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.9	77.9
111	45.1	41.6	62.4

Manual Integrations
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1/5/2016 4:07:30 PM

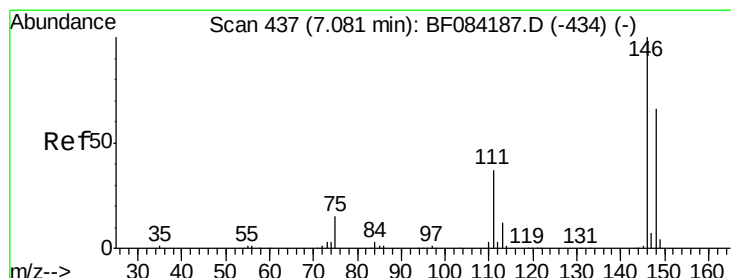
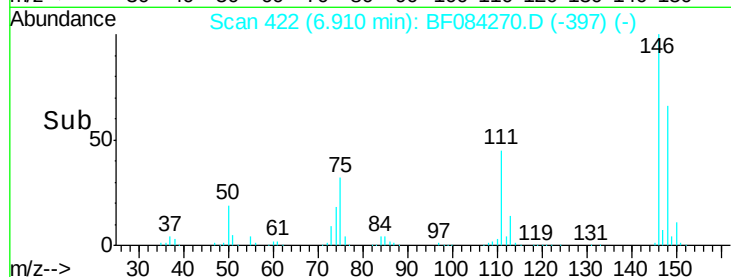
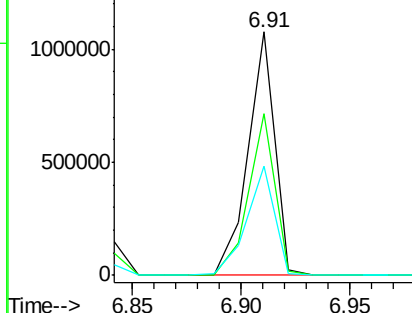


Abundance

Ion 146.00 (145.70 to 146.70): E

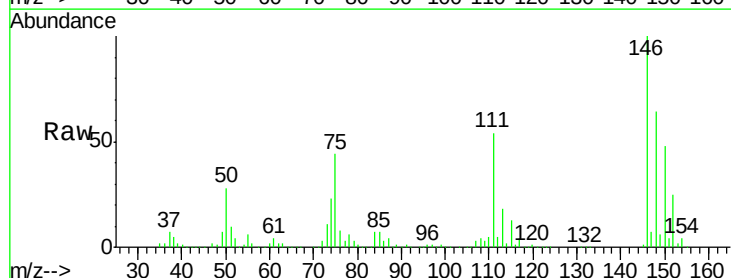
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 42.95 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
111	54.2	38.0	57.0

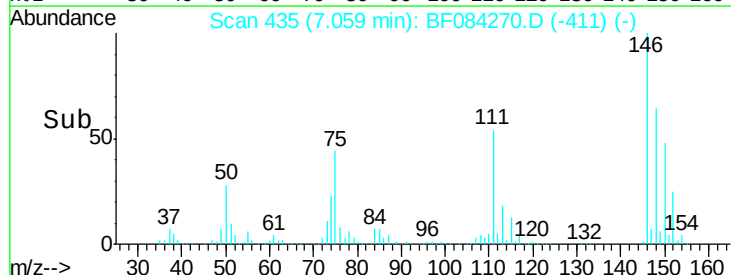
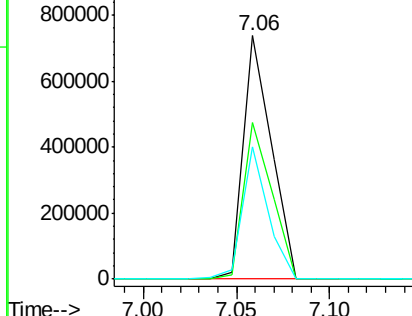


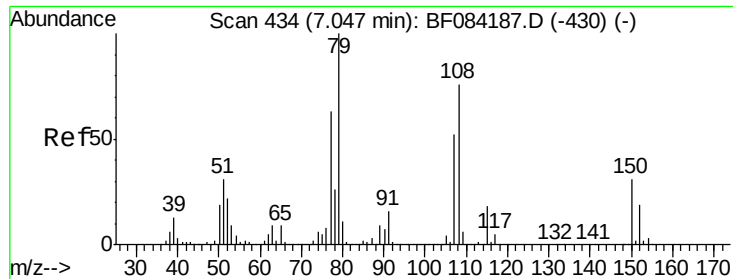
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.39 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

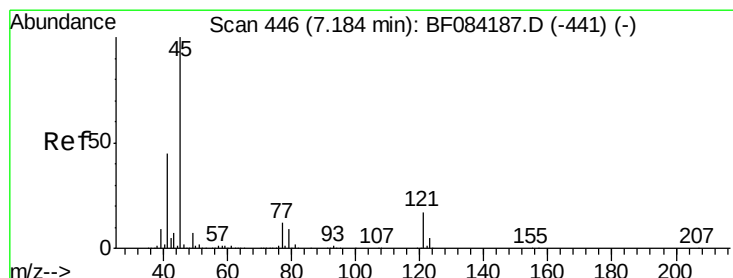
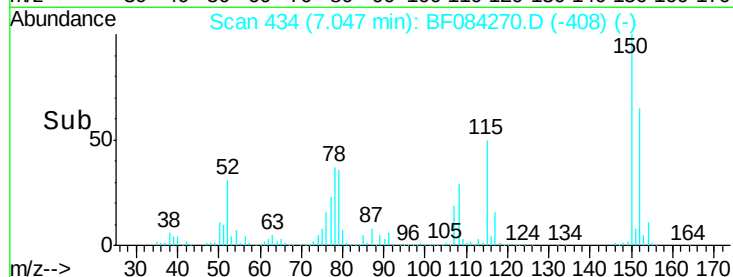
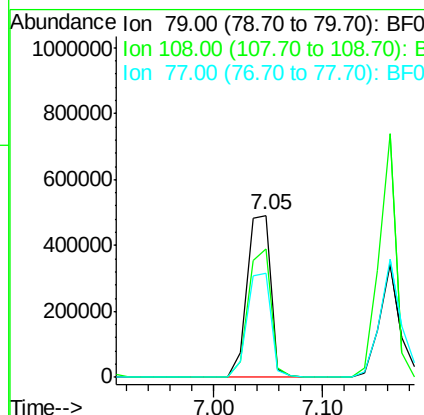
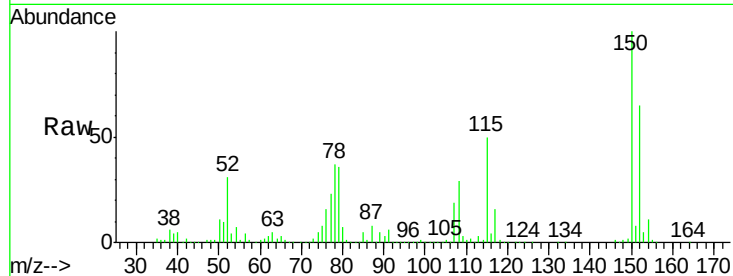
ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:	79	Resp:	746466
Ion Ratio	Lower	Upper	
79	100		
108	78.8	69.0	103.4
77	64.2	50.0	75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.68 ng

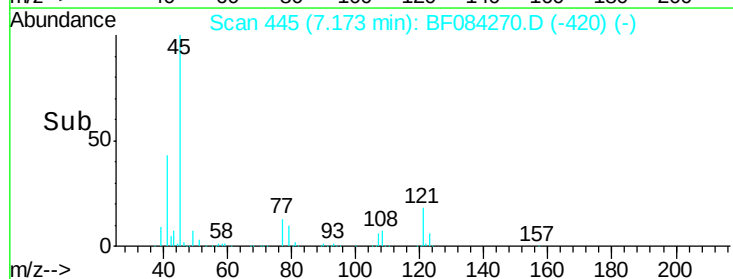
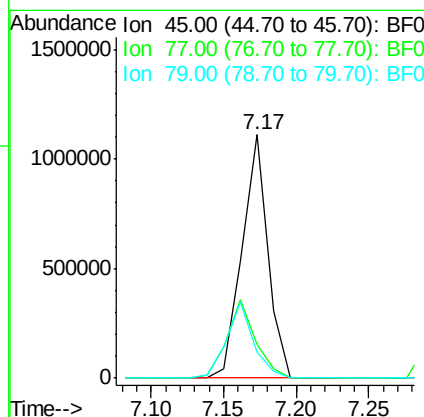
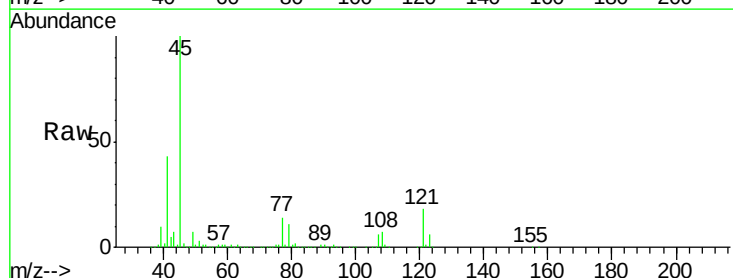
RT: 7.17 min Scan# 445

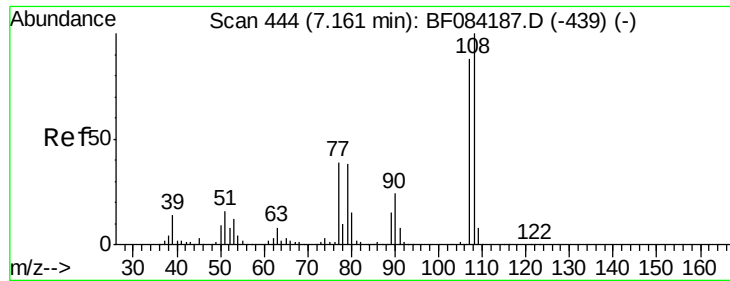
Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion:	45	Resp:	1368212
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	39.6
79	10.8	0.0	35.0





#17

2-Methylphenol

Concen: 45.64 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

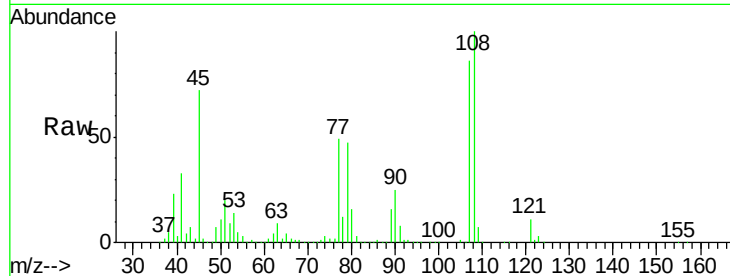
ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:	107	Resp:	690700
Ion Ratio	Lower	Upper	
107	100		
108	116.0	89.8	134.6
77	56.5	35.7	53.5#
79	54.1	35.7	53.5#

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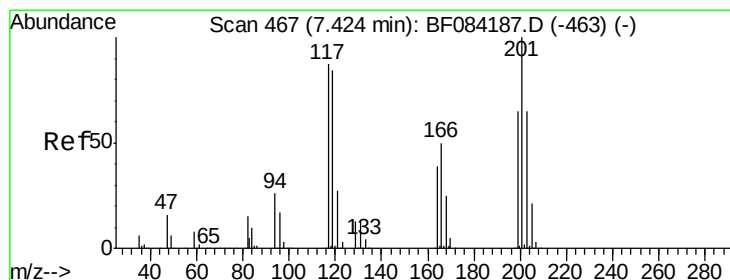
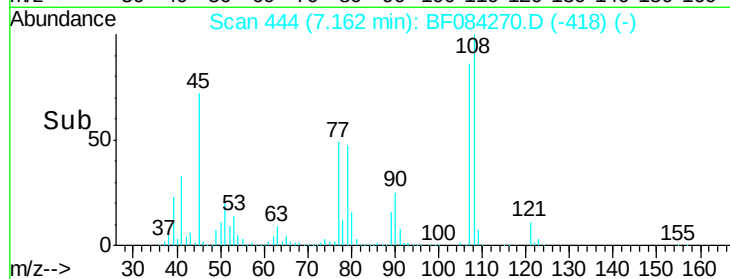
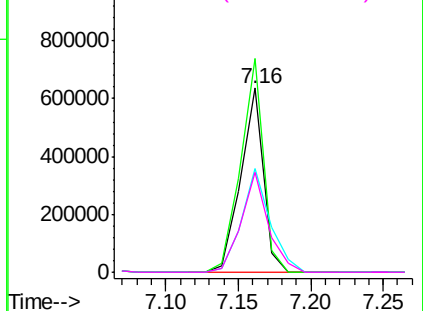


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 46.20 ng

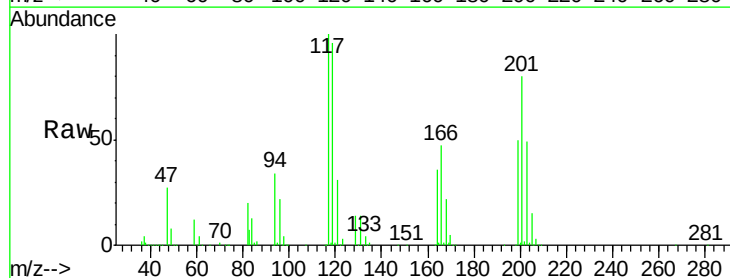
RT: 7.40 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

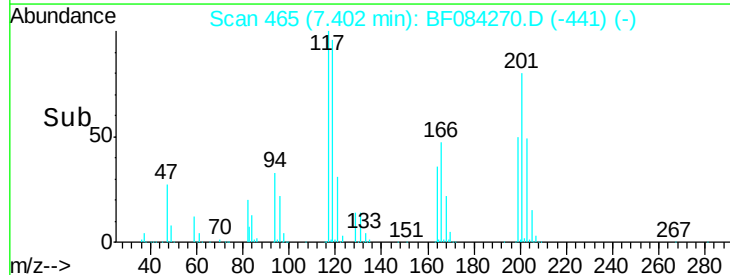
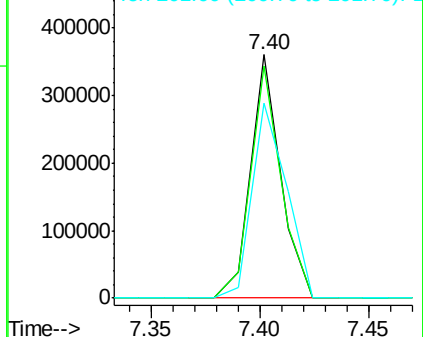
Tgt Ion:	117	Resp:	345104
Ion Ratio	Lower	Upper	
117	100		
119	95.5	77.4	116.0
201	80.1	68.6	103.0

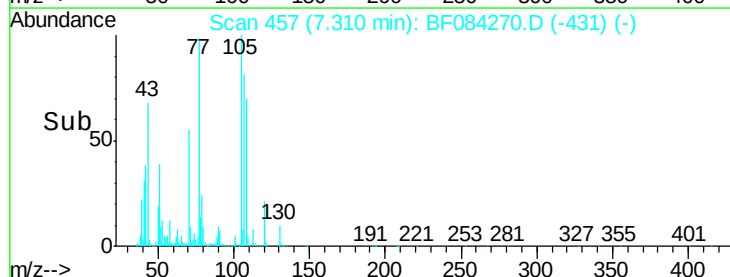
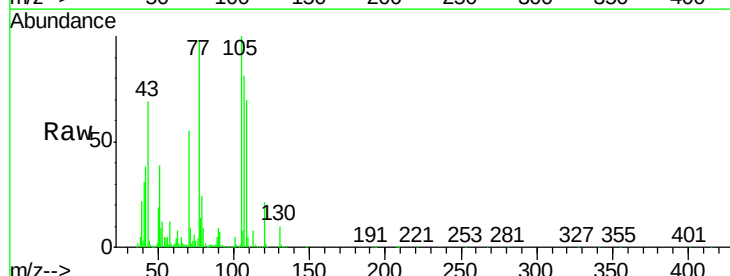
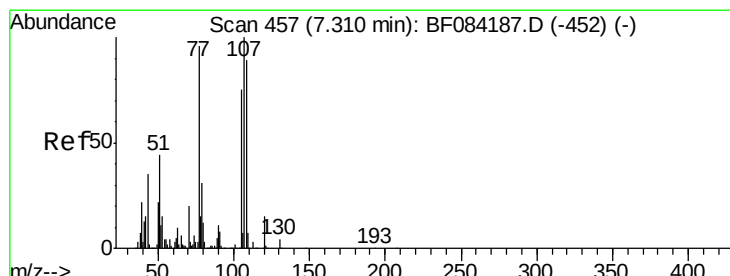
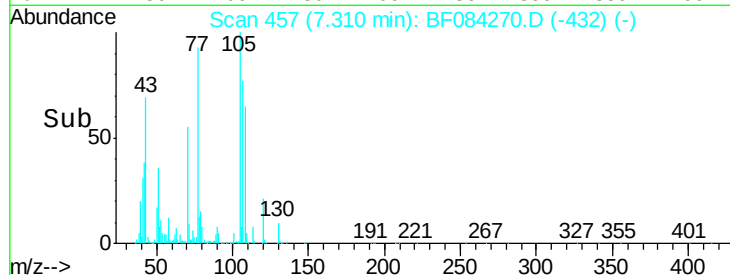
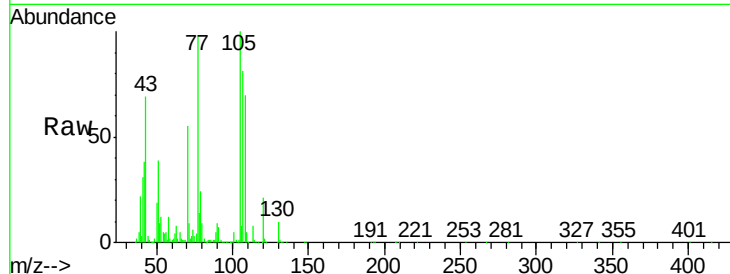
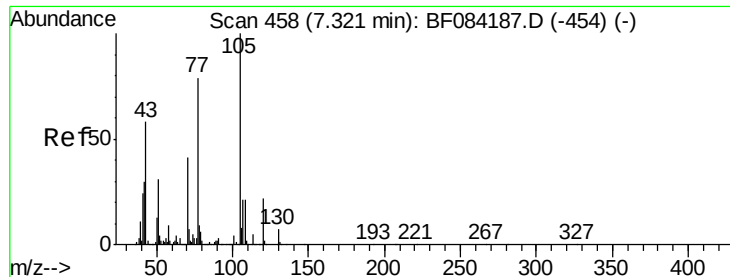


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





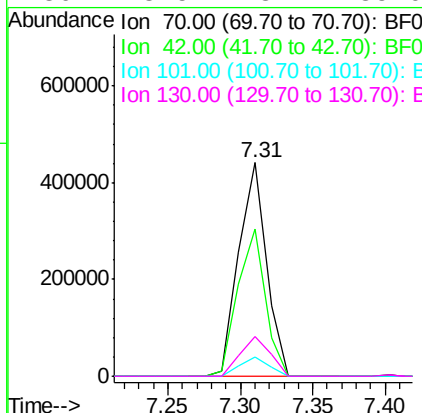
#19
n-Nitroso-di-n-propylamine
Concen: 43.37 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.9	33.3	49.9#
101	9.1	9.3	13.9#
130	18.5	23.4	35.0#

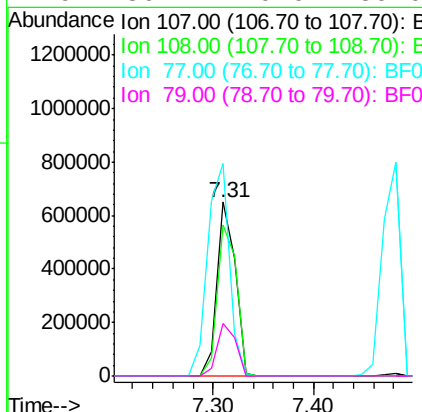
Manual Integrations
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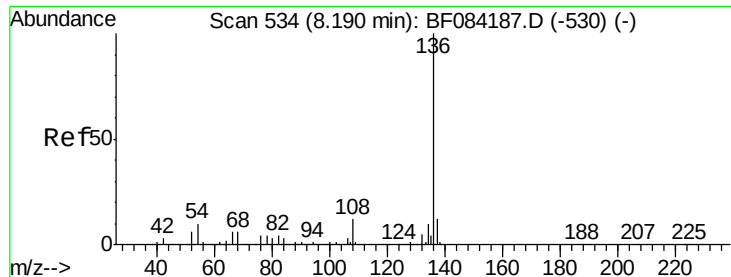
Sohil
1/5/2016 4:07:30 PM



#20
3+4-Methylphenols
Concen: 46.00 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	74.6	114.6
77	121.8	0.7	40.7#
79	30.2	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:136 Resp: 1087166

Ion Ratio Lower Upper

136 100

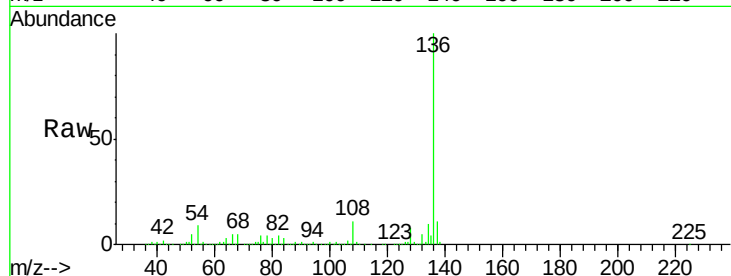
137 11.1 8.7 13.1

54 8.8 5.8 8.8#

68 5.1 4.2 6.2

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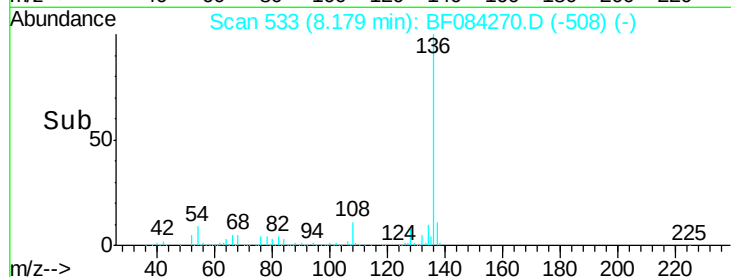


Abundance Ion 136.00 (135.70 to 136.70): E

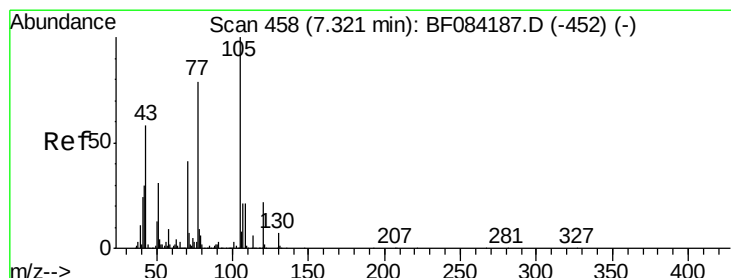
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.10 8.15 8.20



#22

Acetophenone

Concen: 46.49 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion:105 Resp: 1215321

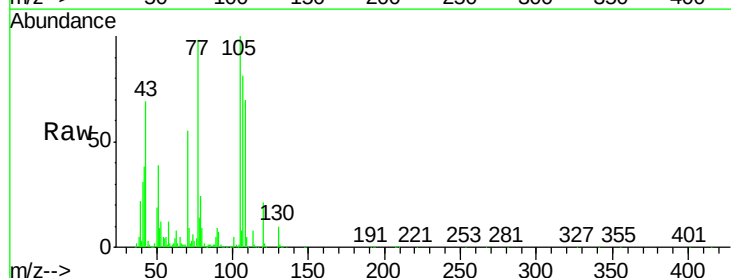
Ion Ratio Lower Upper

105 100

71 8.8 3.7 5.5#

51 39.0 25.1 37.7#

120 21.1 16.6 25.0

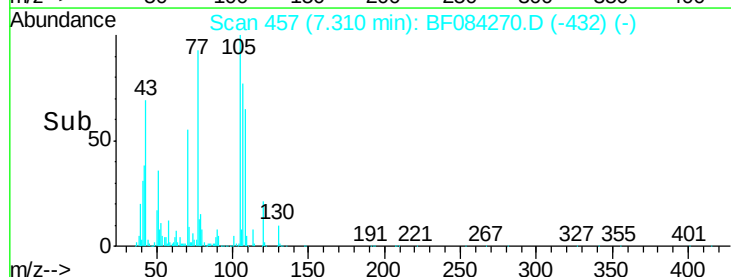


Abundance Ion 105.00 (104.70 to 105.70): E

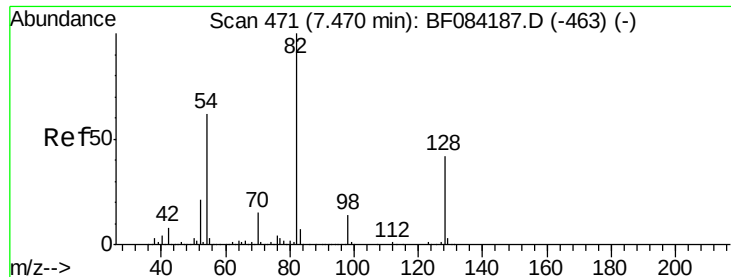
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time--> 7.20 7.25 7.30 7.35 7.40



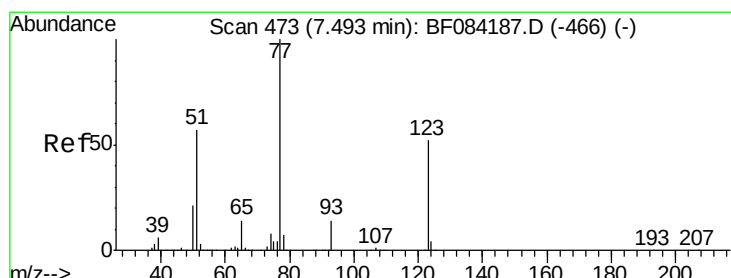
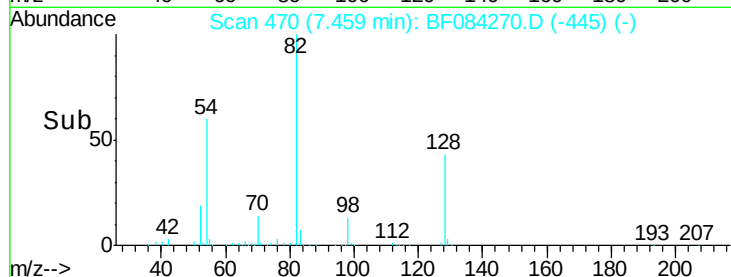
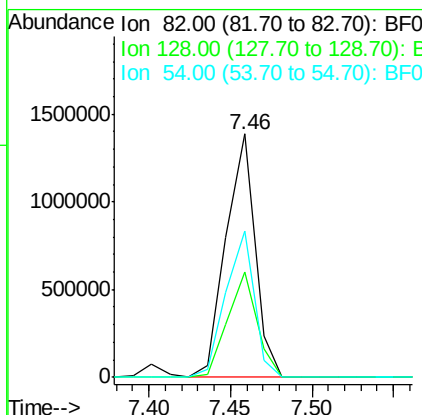
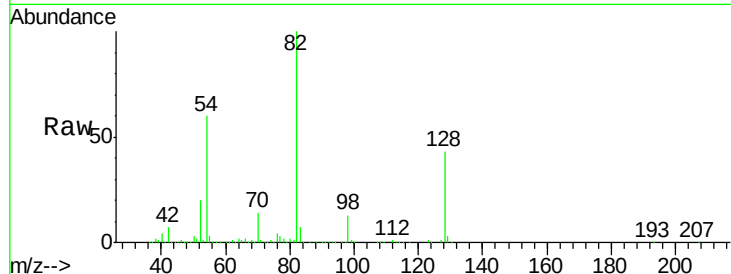
#23
Nitrobenzene-d5
Concen: 87.45 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	60.1	38.4	57.6

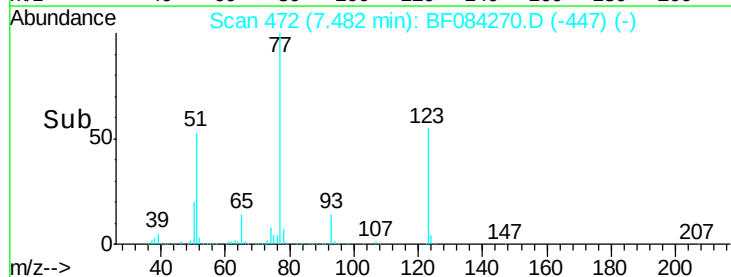
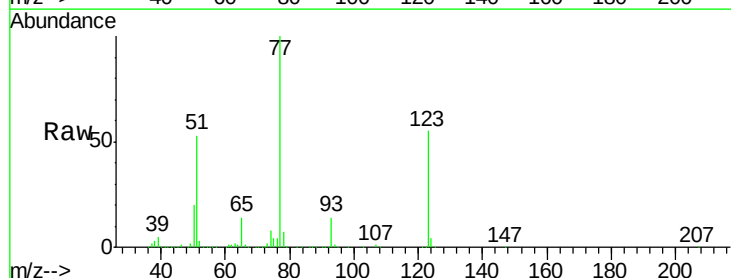
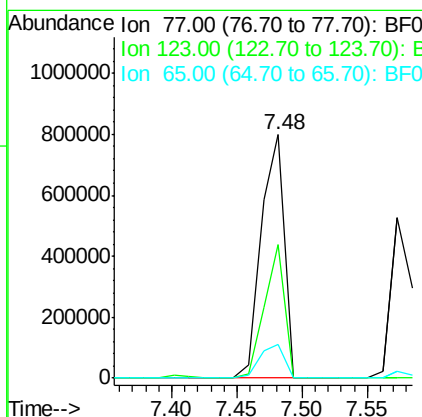
Manual Integrations
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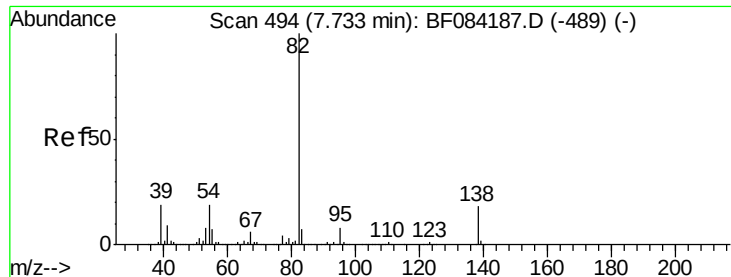
Sohil
1/5/2016 4:07:30 PM



#24
Nitrobenzene
Concen: 49.63 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.8	37.4	56.2
65	13.8	10.9	16.3





#25

Isophorone

Concen: 45.80 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion: 82 Resp: 1711253

Ion Ratio Lower Upper

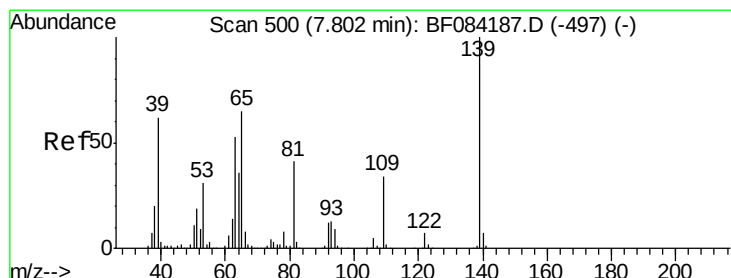
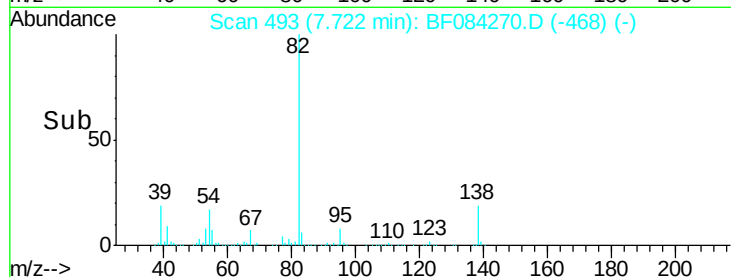
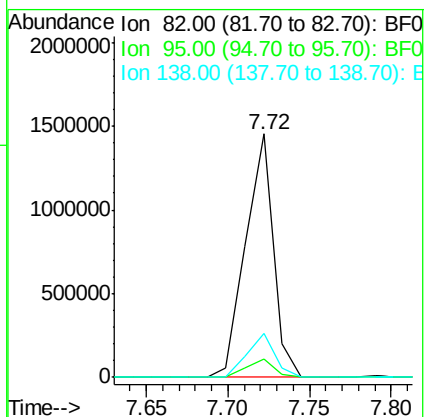
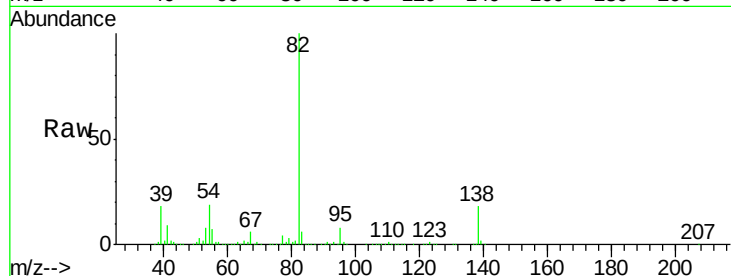
82 100

95 7.8 6.6 10.0

138 18.0 13.6 20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.25 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

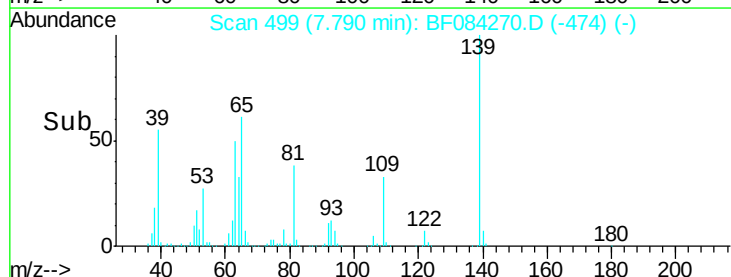
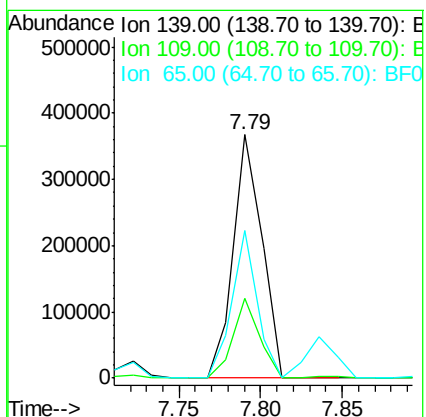
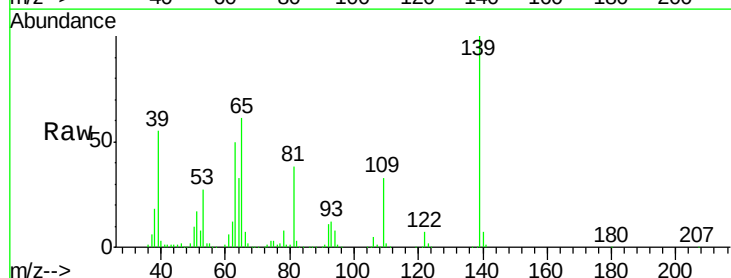
Tgt Ion: 139 Resp: 444075

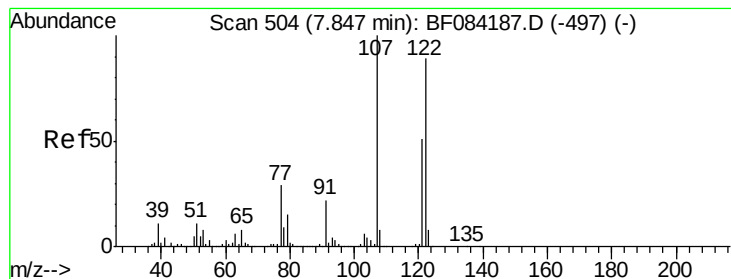
Ion Ratio Lower Upper

139 100

109 32.6 25.4 38.2

65 60.7 32.3 48.5#





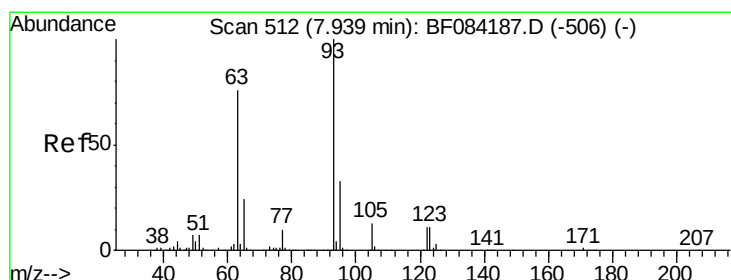
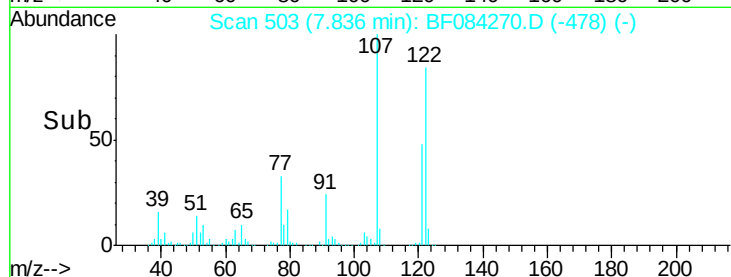
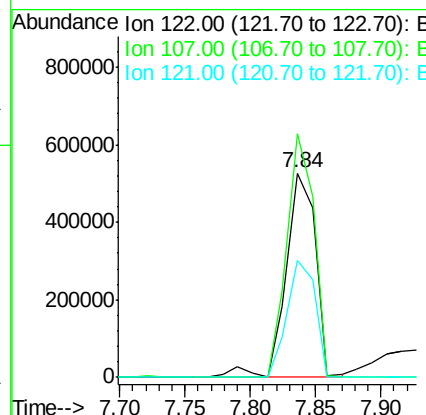
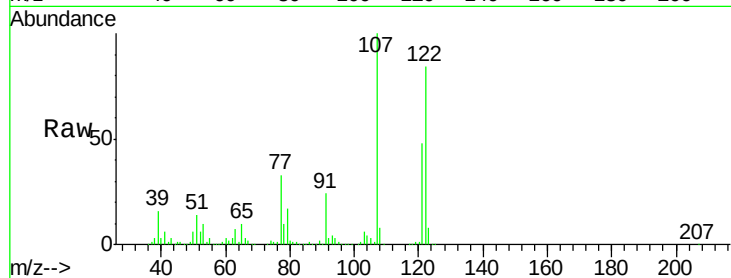
#27
 2,4-Dimethylphenol
 Concen: 45.24 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.0	99.1	148.7
121	57.1	47.9	71.9

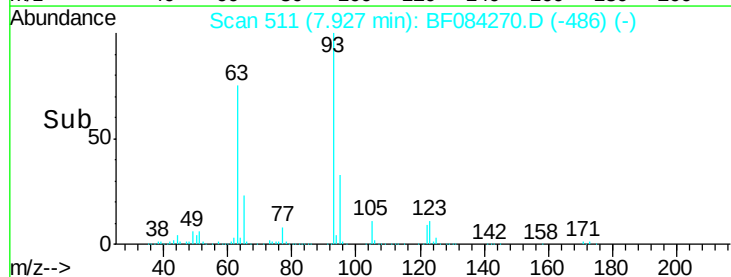
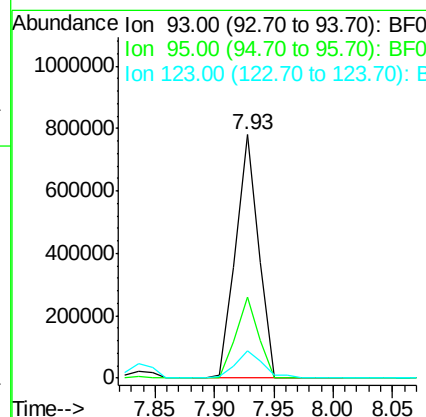
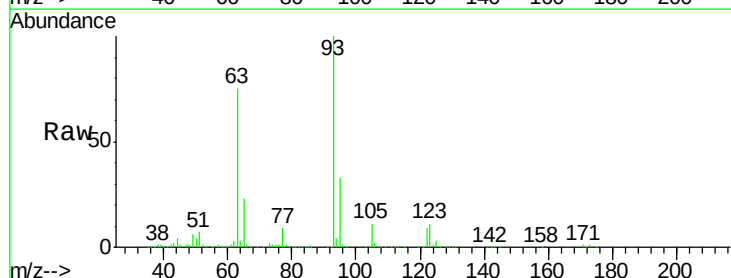
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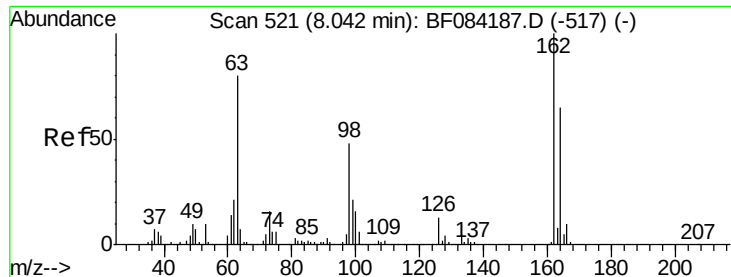
Sohil
 1/5/2016 4:07:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.56 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.8	38.6
123	11.0	8.6	12.8





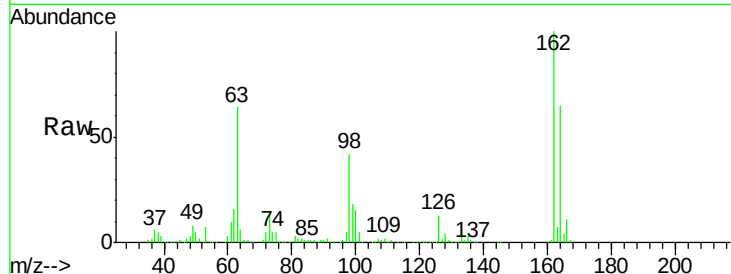
#29
 2,4-Dichlorophenol
 Concen: 48.02 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.0	44.1	84.1
98	42.1	20.2	60.2

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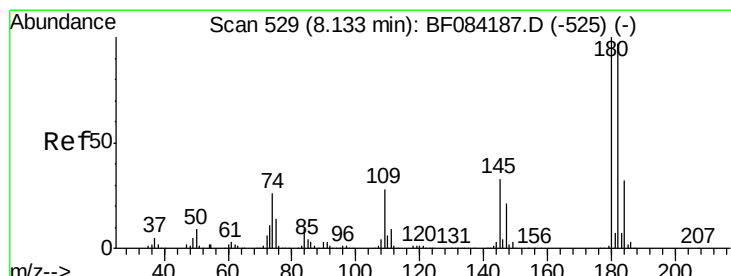
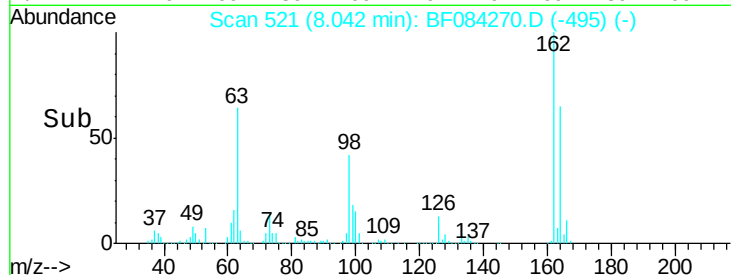
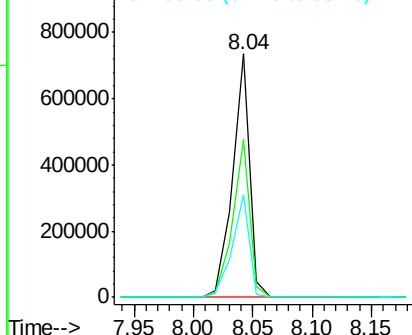


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 49.91 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

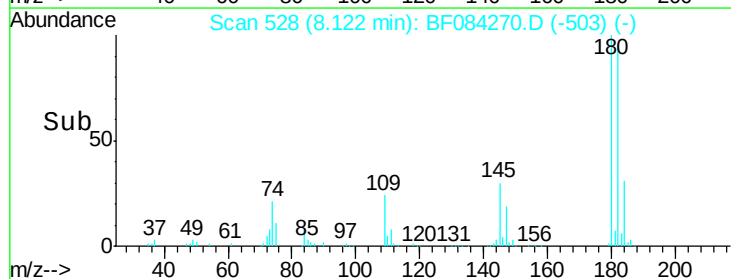
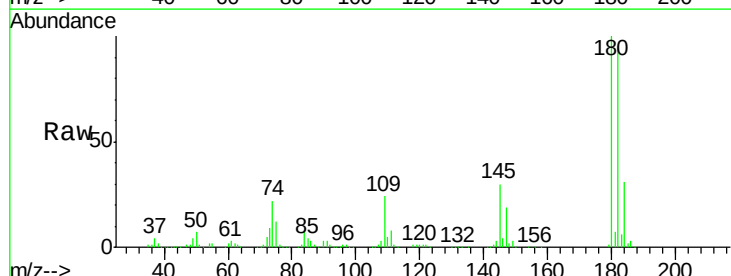
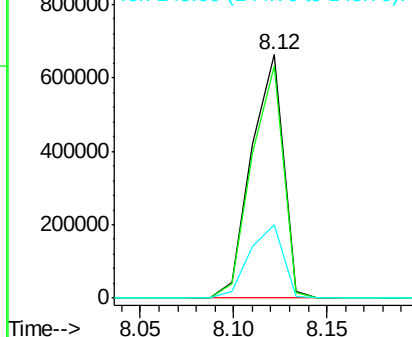
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	76.4	114.6
145	30.3	31.6	47.4

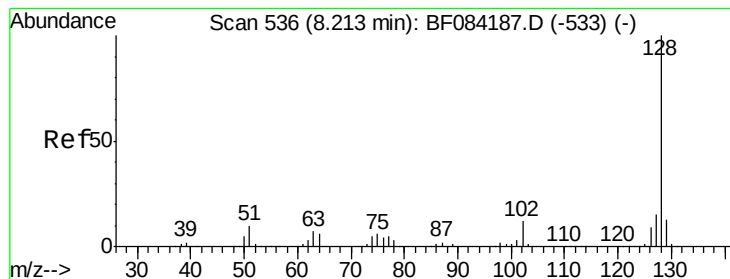
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 52.52 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:128 Resp: 2590685

Ion Ratio Lower Upper

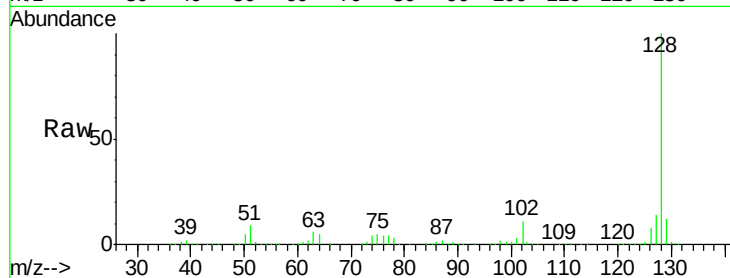
128 100

129 12.4 9.1 13.7

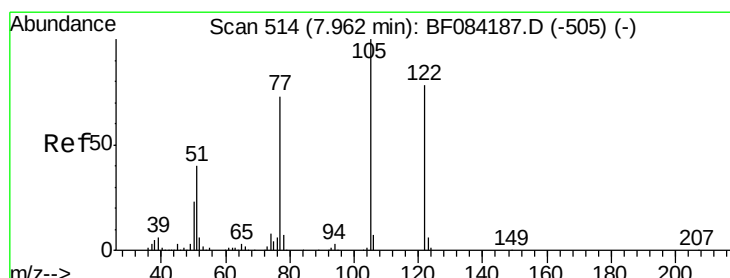
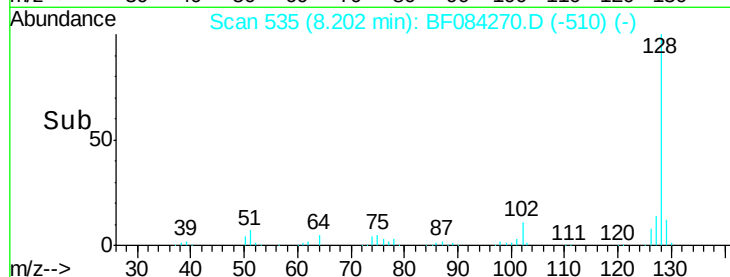
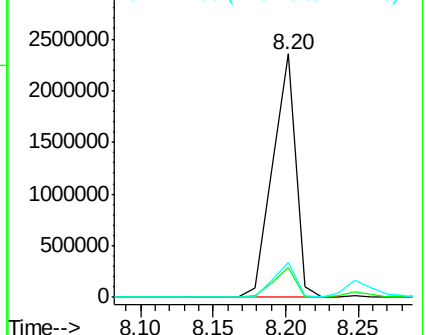
127 14.4 11.1 16.7

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



#32

Benzoic acid

Concen: 38.73 ng m

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

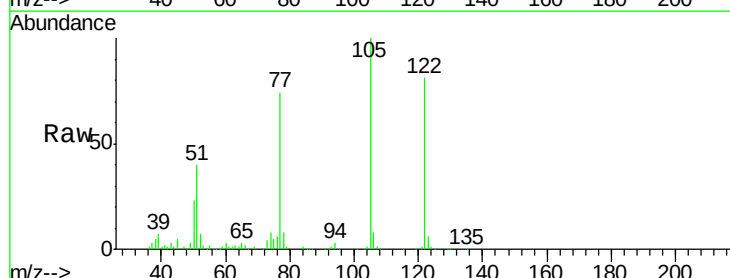
Tgt Ion:122 Resp: 438449

Ion Ratio Lower Upper

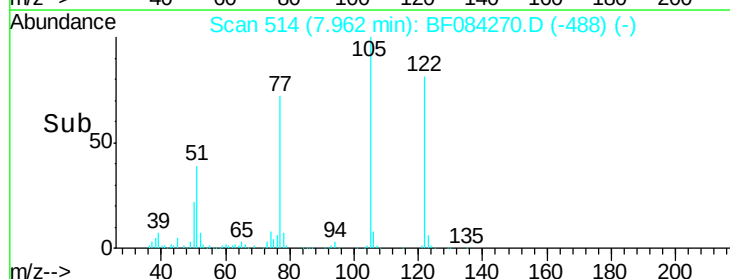
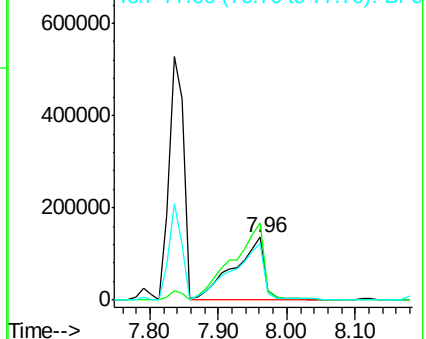
122 100

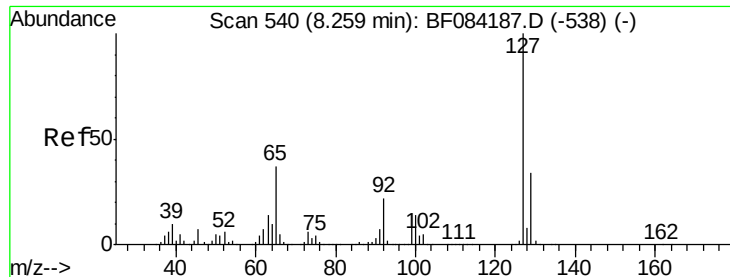
105 123.0 100.3 140.3

77 91.5 63.5 103.5



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





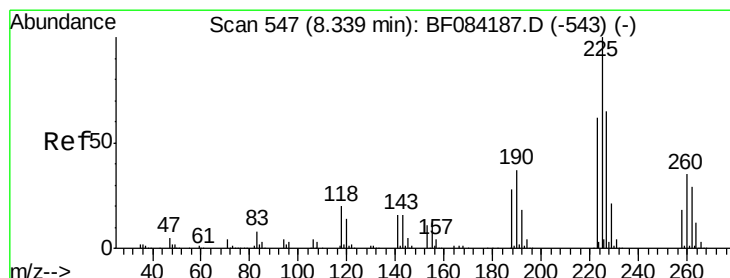
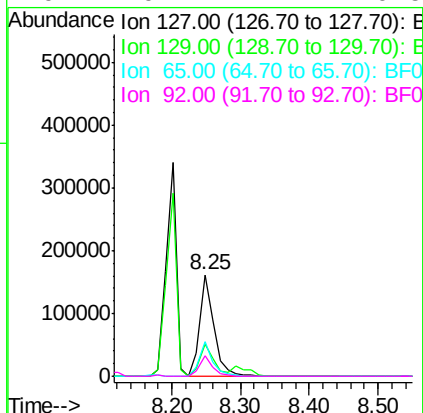
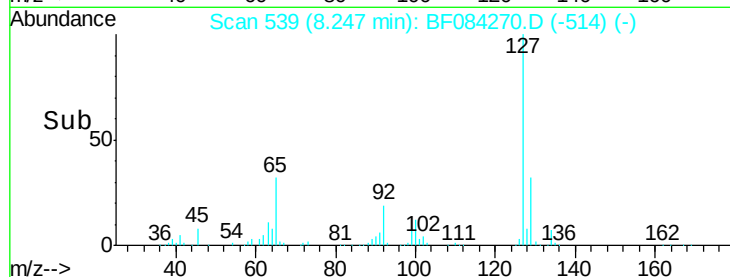
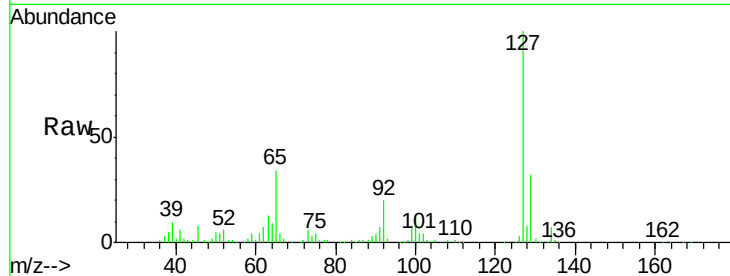
#33
4-Chloroaniline
Concen: 10.27 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.5	39.7		
65	34.3	27.2	40.8		
92	19.7	17.7	26.5		

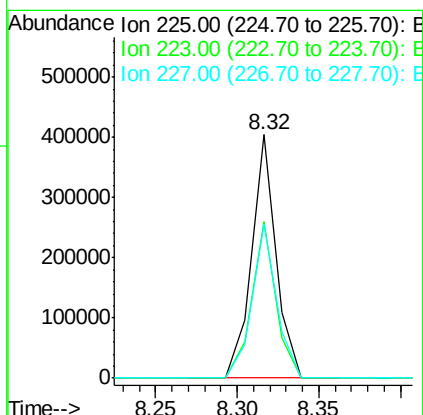
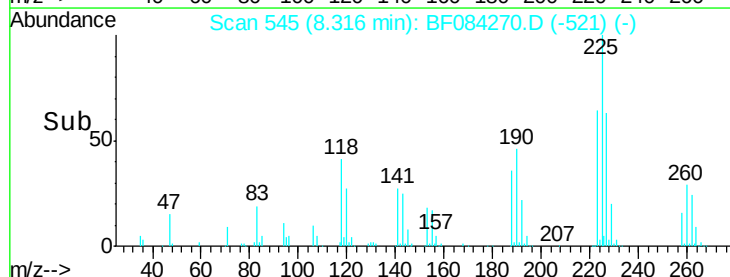
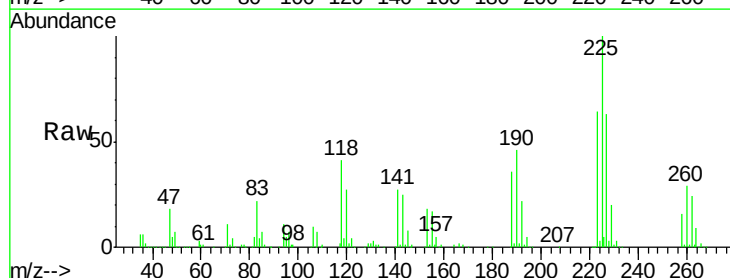
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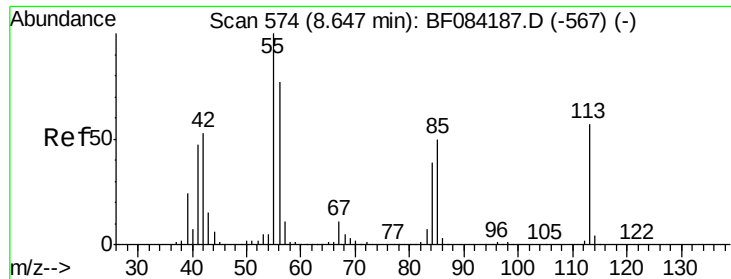
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#34
Hexachlorobutadiene
Concen: 46.32 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	49.4	74.0		
227	63.5	50.8	76.2		





#35

Caprolactam

Concen: 36.72 ng/ml

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:113 Resp: 188176
Ion Ratio Lower Upper

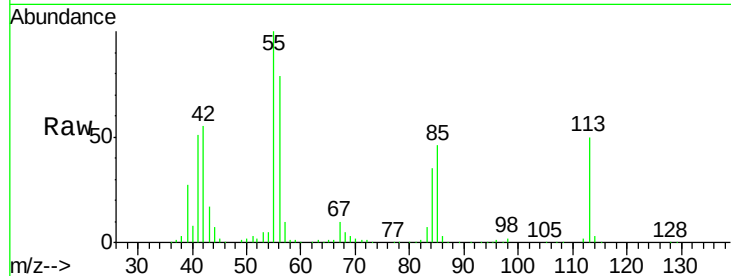
113 100

55 200.8 116.9 156.9#

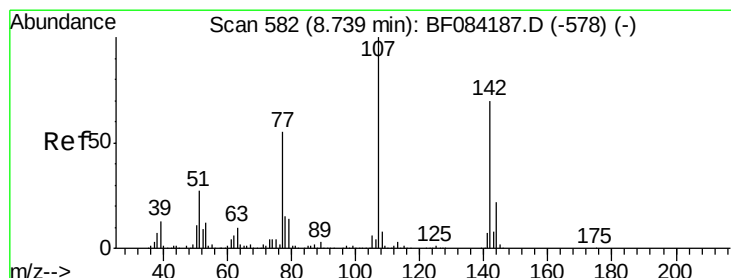
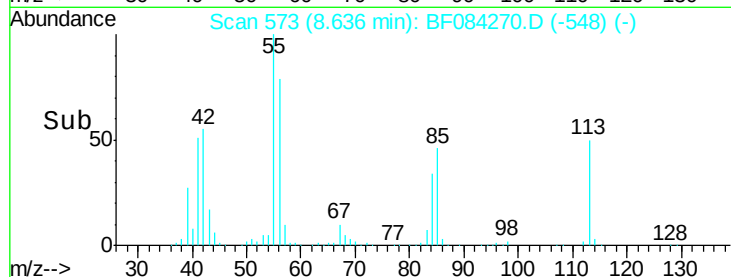
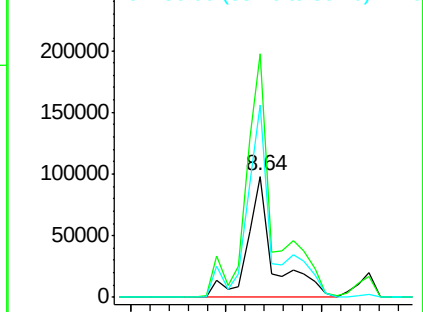
56 159.2 93.8 133.8#

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.80 ng/ml

RT: 8.75 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF084270.D

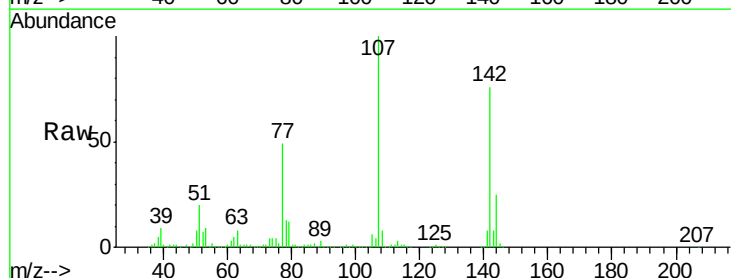
Acq: 5 Jan 2016 7:21

Tgt Ion:107 Resp: 848045
Ion Ratio Lower Upper

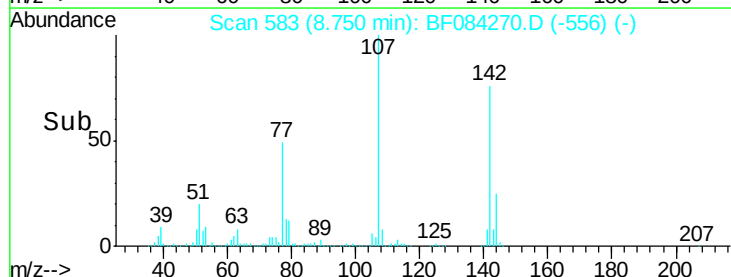
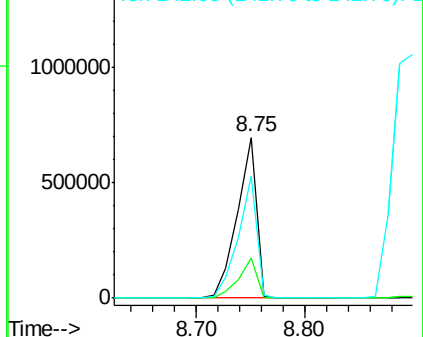
107 100

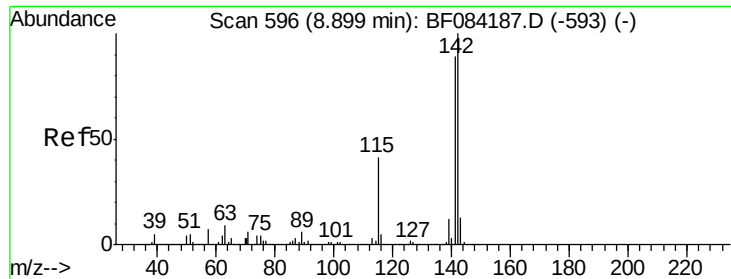
144 25.2 19.7 29.5

142 75.9 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.42 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:142 Resp: 1678861

Ion Ratio Lower Upper

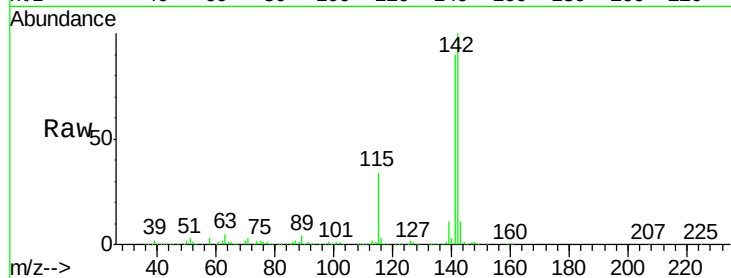
142 100

141 89.9 72.4 108.6

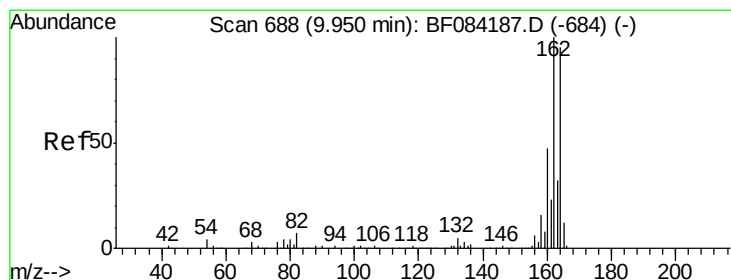
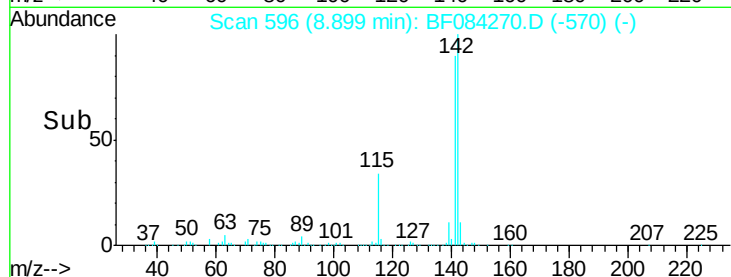
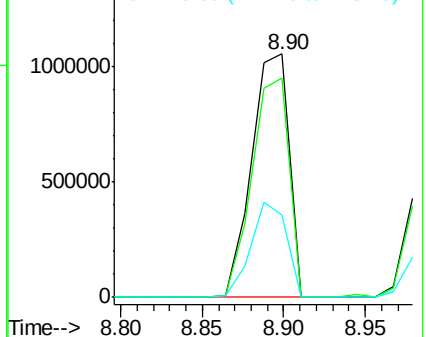
115 33.7 27.9 41.9

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

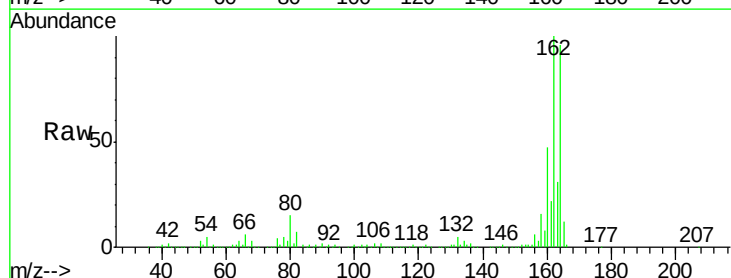
Tgt Ion:164 Resp: 498477

Ion Ratio Lower Upper

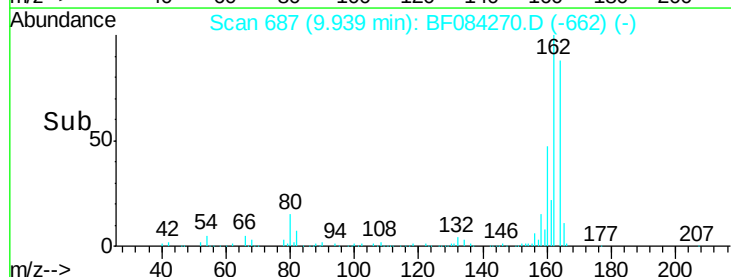
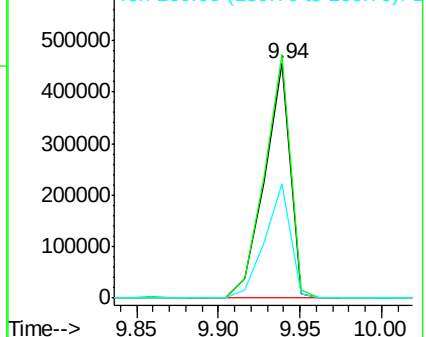
164 100

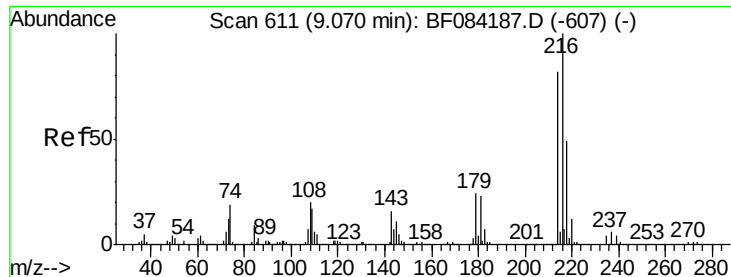
162 103.8 85.1 127.7

160 48.9 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.38 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

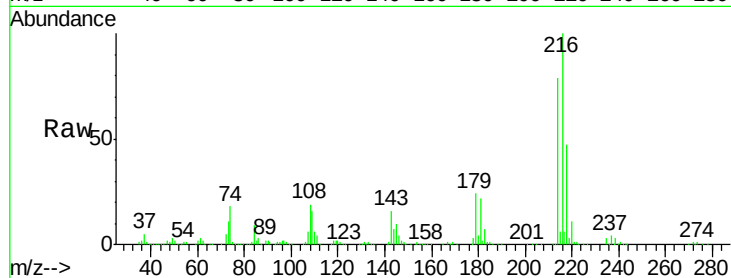
ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		693253		
214	79.2		64.2	96.2	
179	23.7		18.7	28.1	
108	23.7		16.8	25.2	

Manual Integrations
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1/5/2016 4:07:30 PM

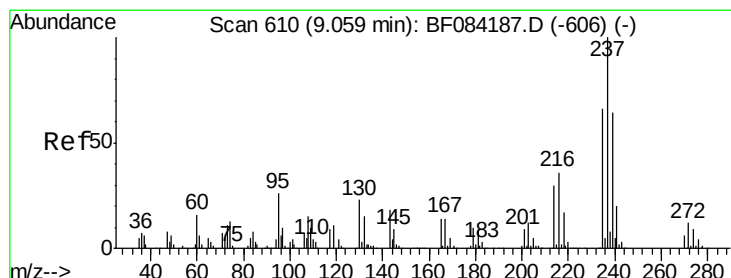
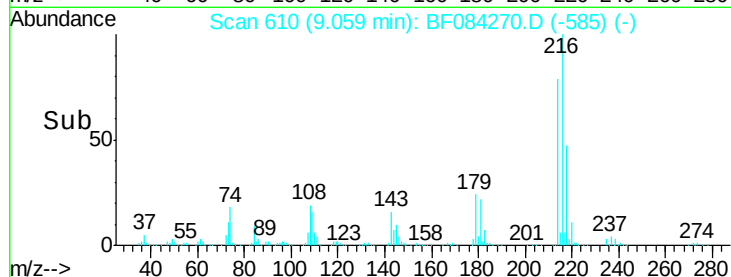
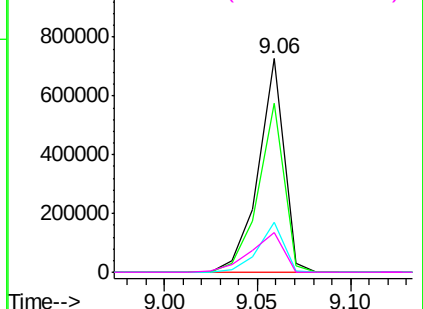


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.78 ng

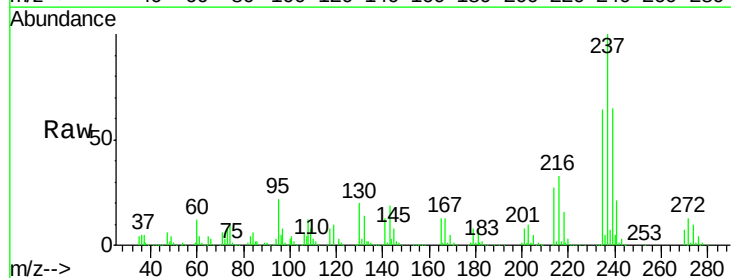
RT: 9.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

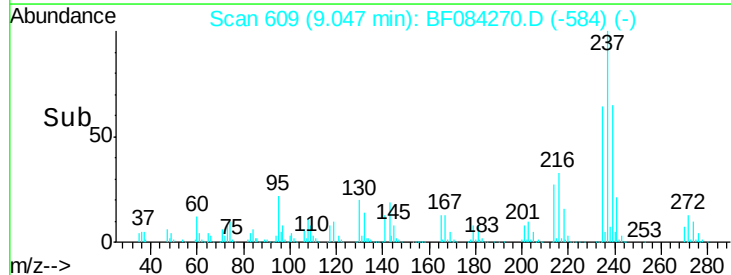
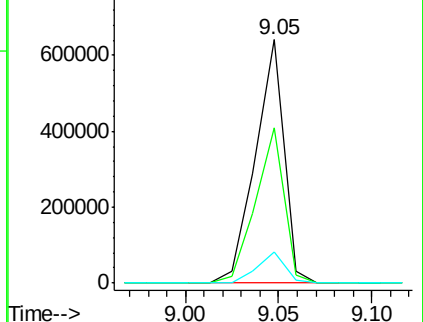
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		681540		
235	64.0		43.1	83.1	
272	12.9		0.0	35.1	

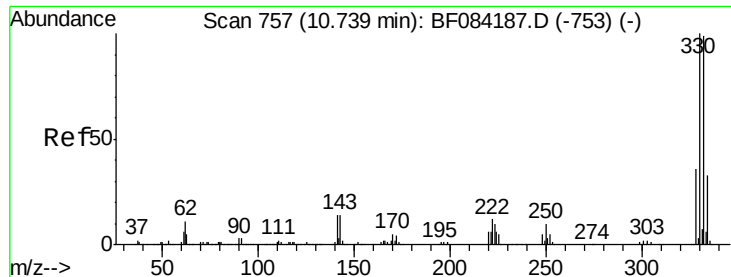


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





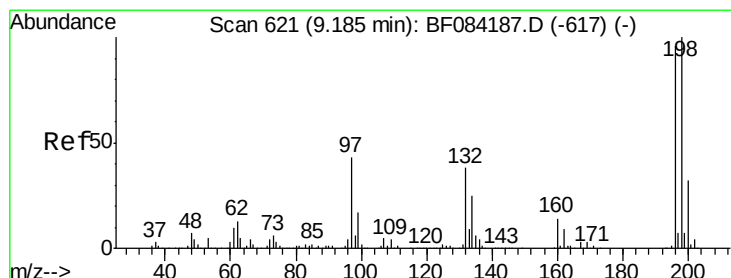
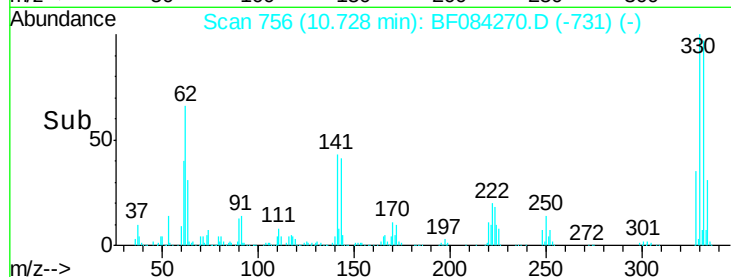
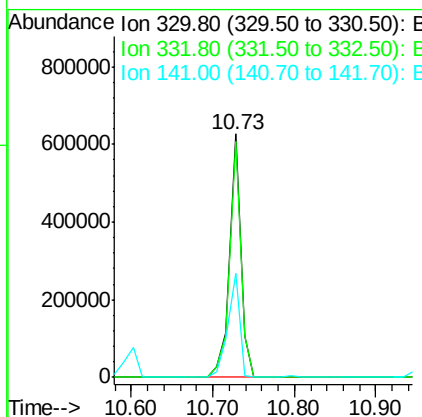
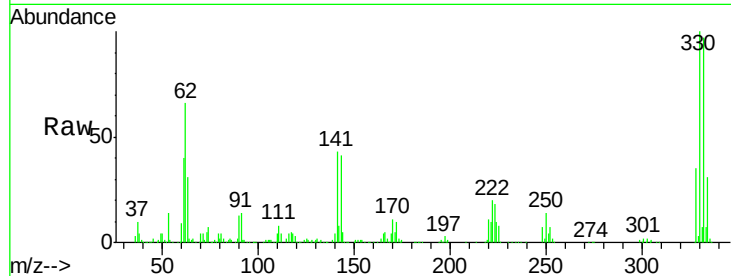
#41
 2,4,6-Tribromophenol
 Concen: 120.33 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	605547		
332	96.6	76.6	114.8	
141	44.0	27.8	41.6	

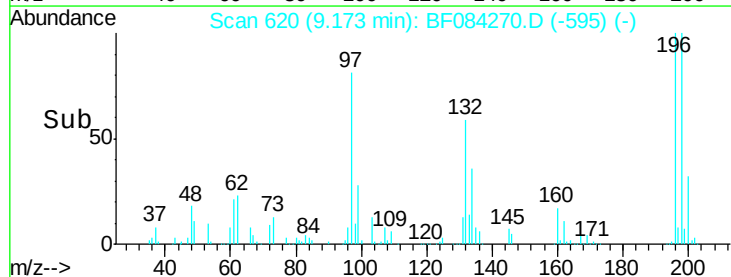
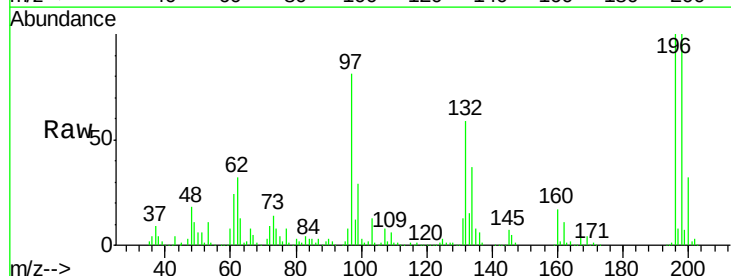
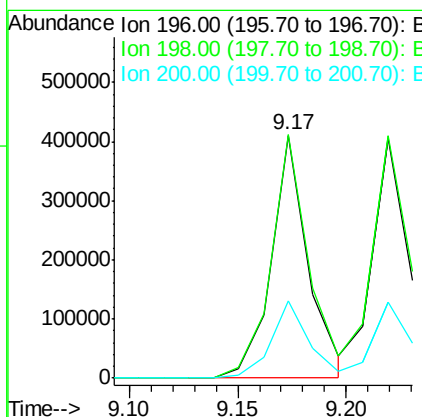
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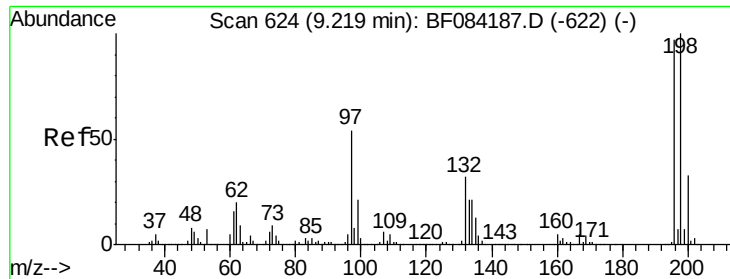
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 45.72 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	490201		
198	100.2	77.7	116.5	
200	31.9	24.6	37.0	





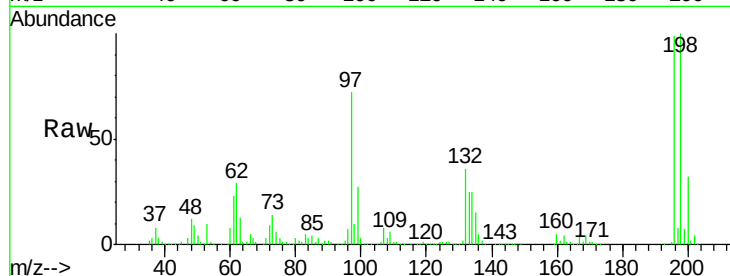
#43
 2,4,5-Trichlorophenol
 Concen: 44.29 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.6	79.0	118.6	
97	72.6	33.0	49.6	
132	36.4	21.1	31.7	

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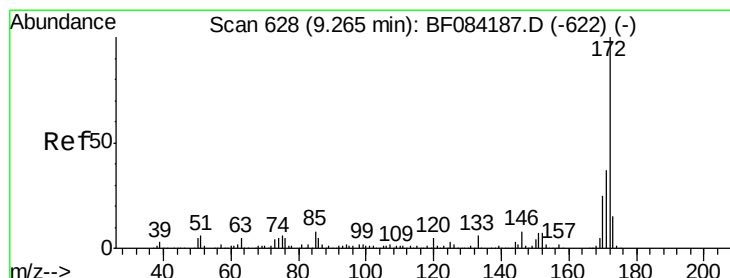
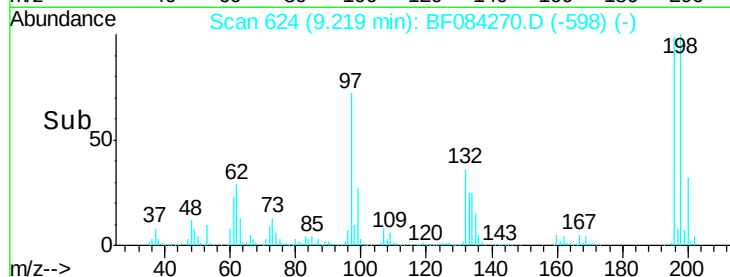
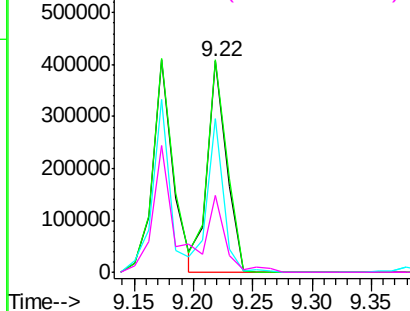
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.02 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

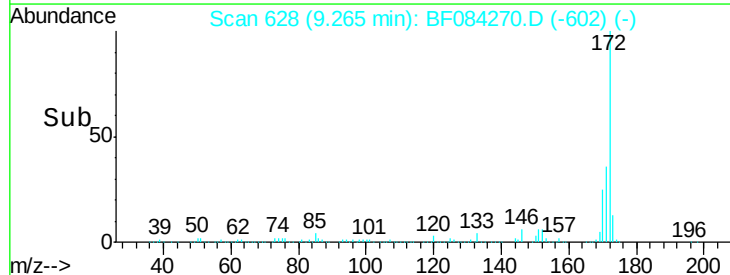
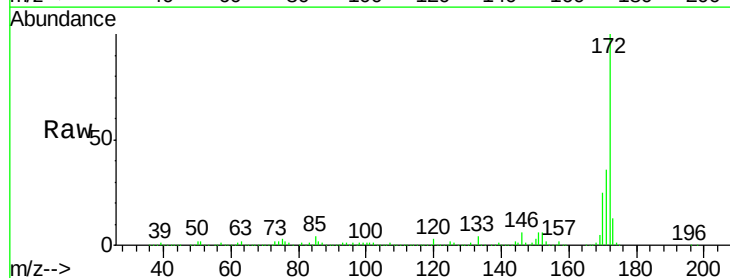
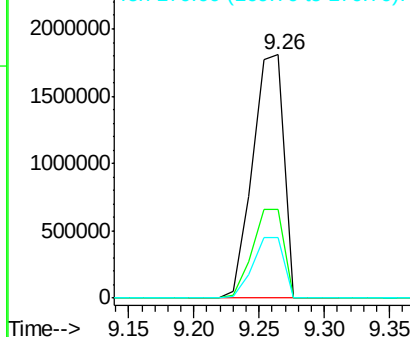
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	28.9	43.3	
170	24.9	18.6	27.8	

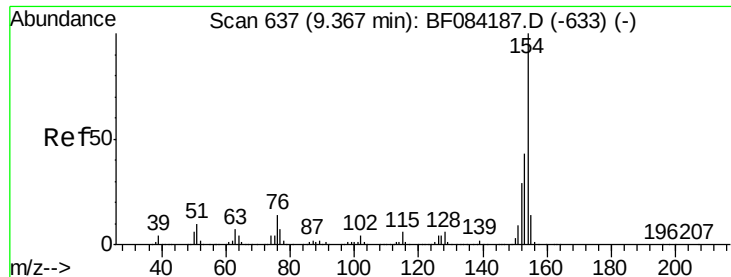
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.24 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:154 Resp: 1832089

Ion Ratio Lower Upper

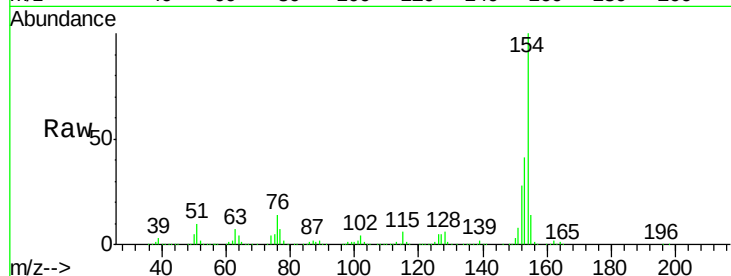
154 100

153 40.9 21.6 61.6

76 13.8 0.0 32.7

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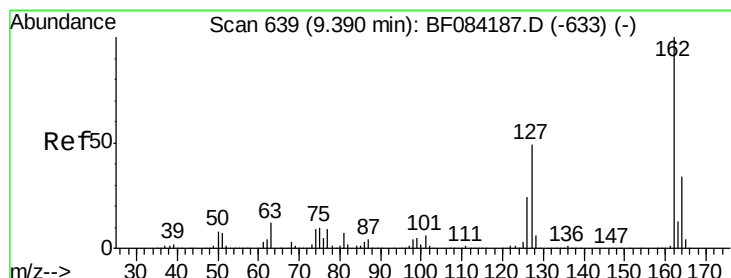
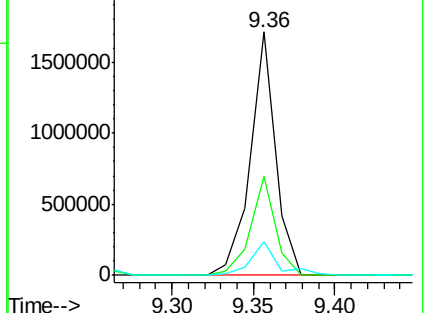
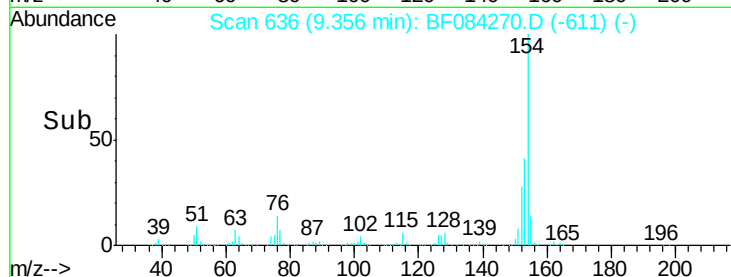
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.75 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

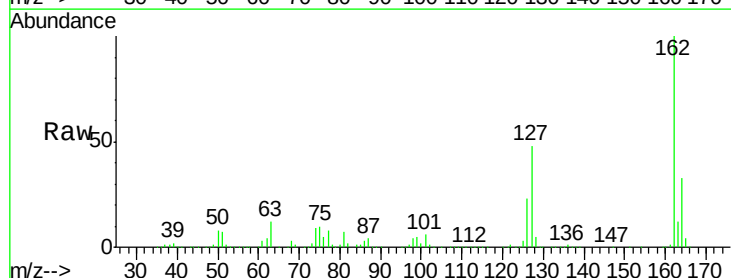
Tgt Ion:162 Resp: 1423582

Ion Ratio Lower Upper

162 100

127 47.7 40.2 60.4

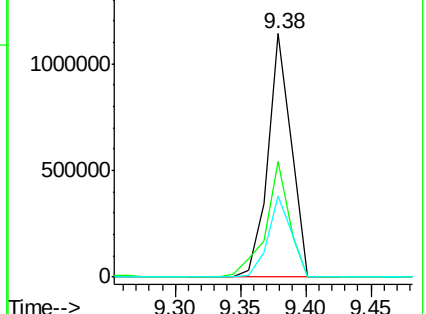
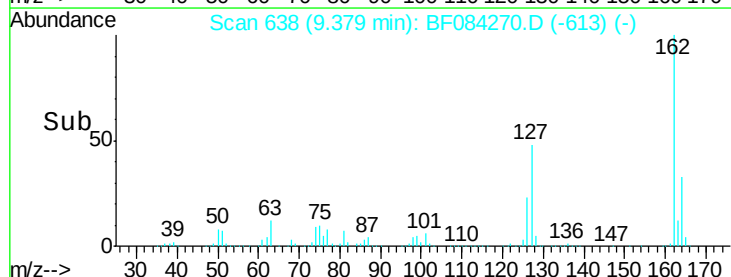
164 33.4 25.7 38.5

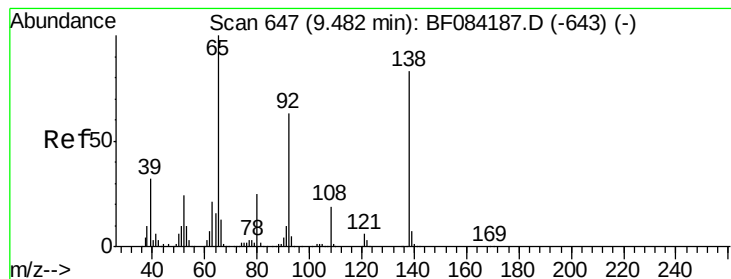


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.16 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

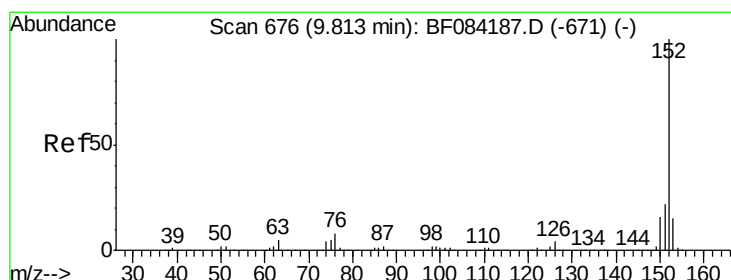
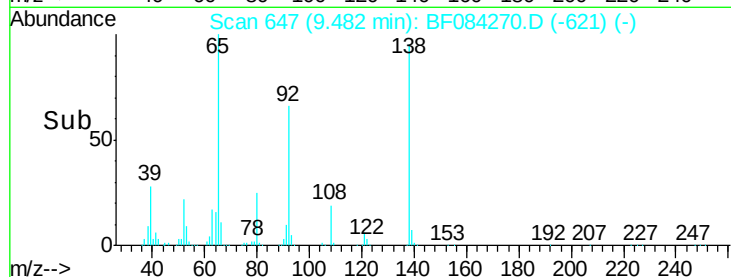
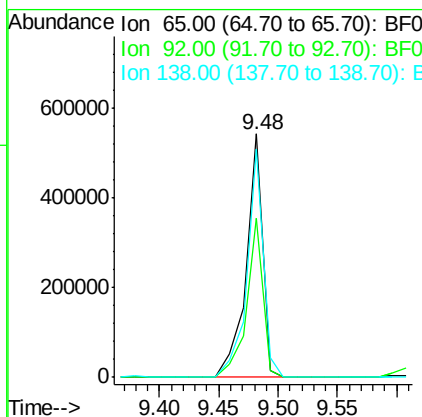
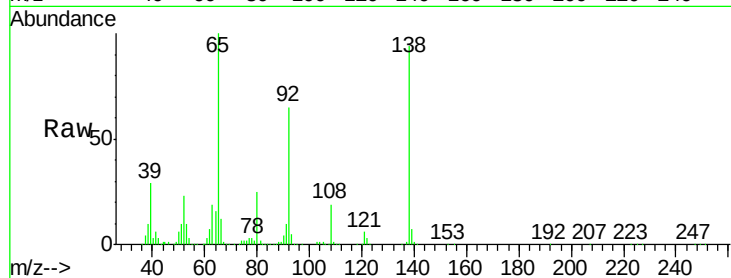
ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:	65	Resp:	525480
Ion Ratio	Lower	Upper	
65	100		
92	65.3	53.4	80.2
138	94.0	71.1	106.7

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#48

Acenaphthylene

Concen: 51.31 ng

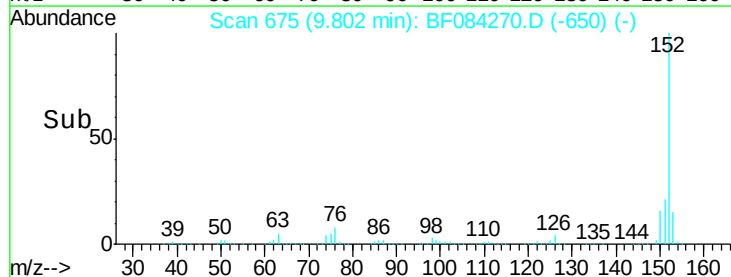
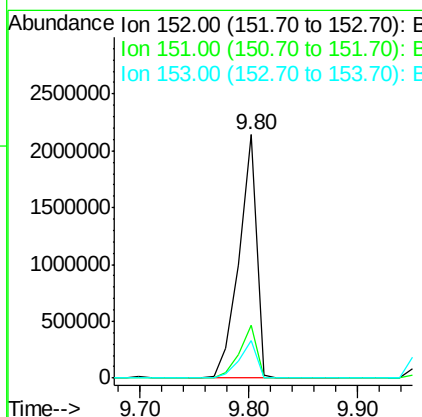
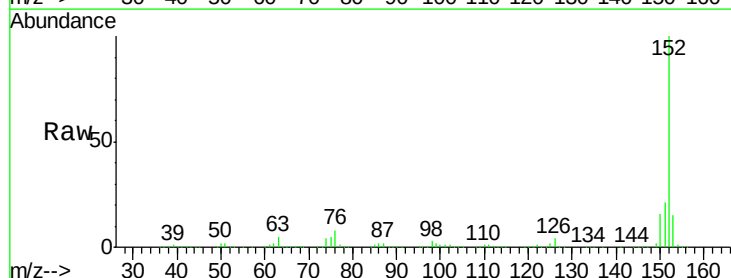
RT: 9.80 min Scan# 675

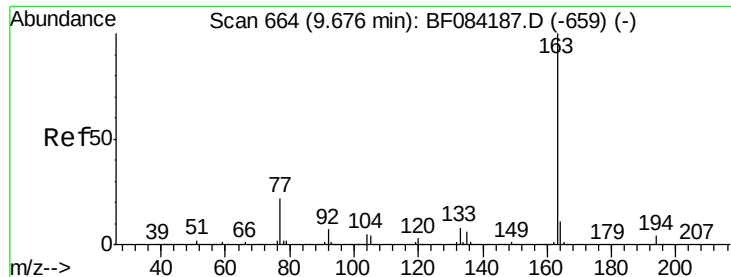
Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion:	152	Resp:	2359132
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.3	24.5
153	15.2	10.4	15.6





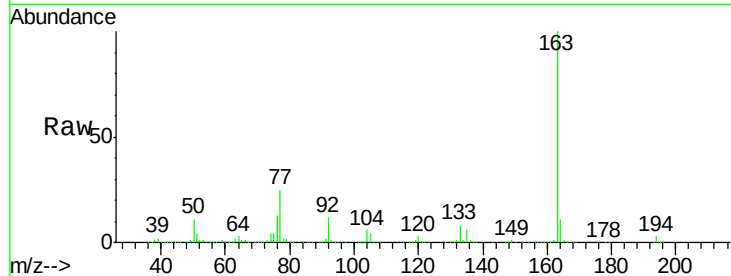
#49
Dimethylphthalate
Concen: 47.92 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

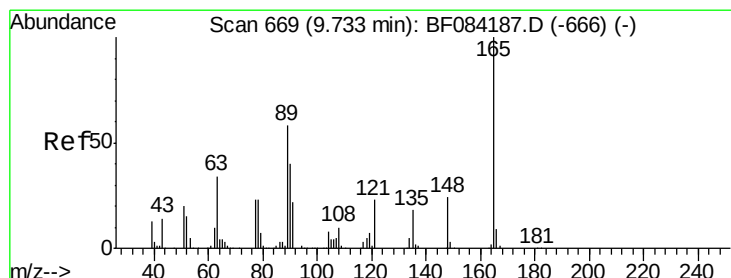
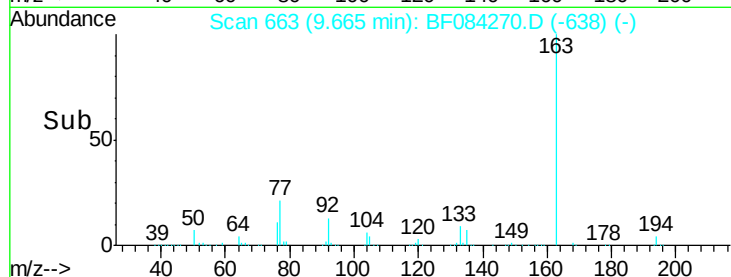
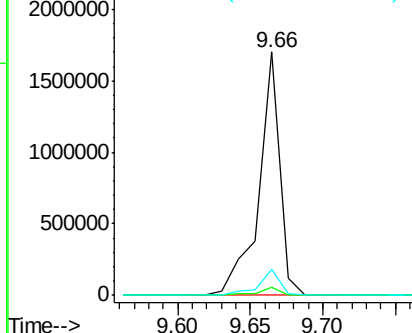
Tot Ion:163 Resp: 1707605
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.5 8.0 12.0

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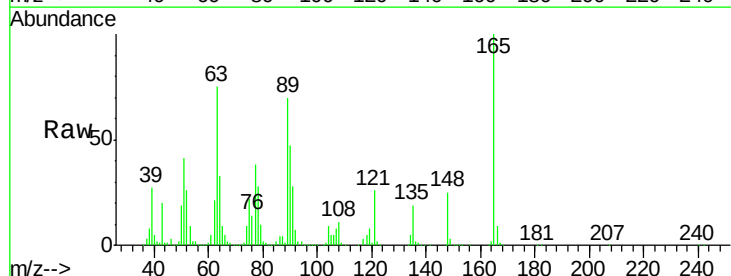


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

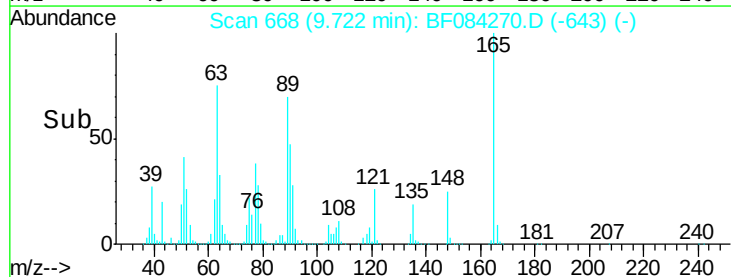
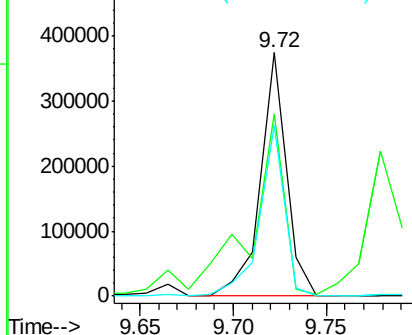


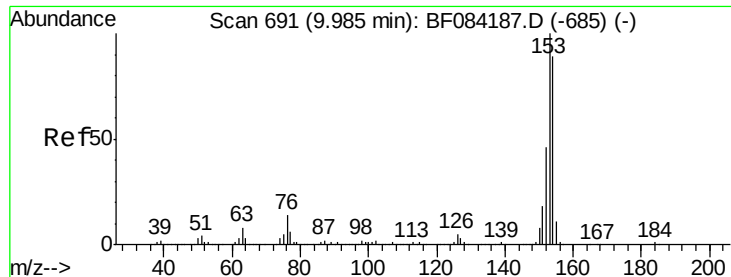
#50
2,6-Dinitrotoluene
Concen: 46.16 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion:165 Resp: 360767
Ion Ratio Lower Upper
165 100
63 74.8 28.8 43.2#
89 70.2 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: 56.68 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:154 Resp: 1747891

Ion Ratio Lower Upper

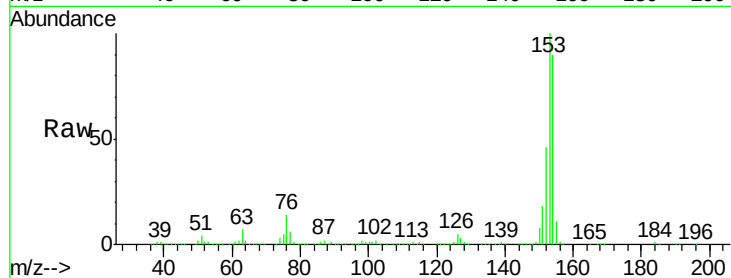
154 100

153 110.5 91.5 137.3

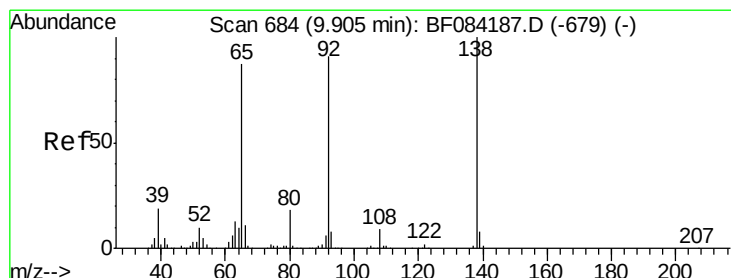
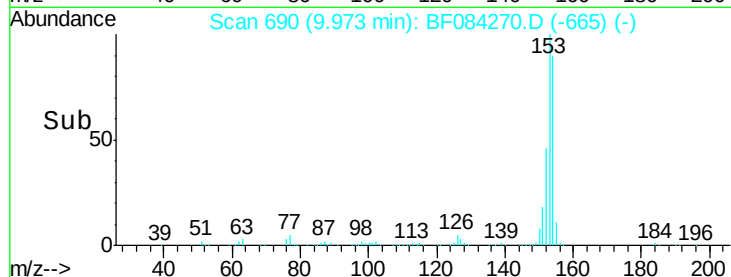
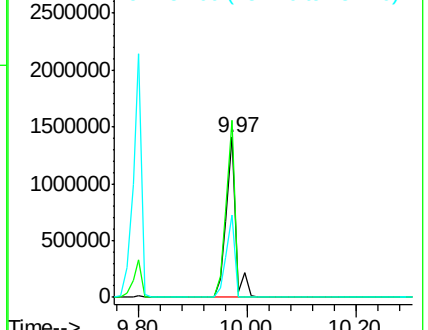
152 51.4 43.0 64.6

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



#52

3-Nitroaniline

Concen: 26.31 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

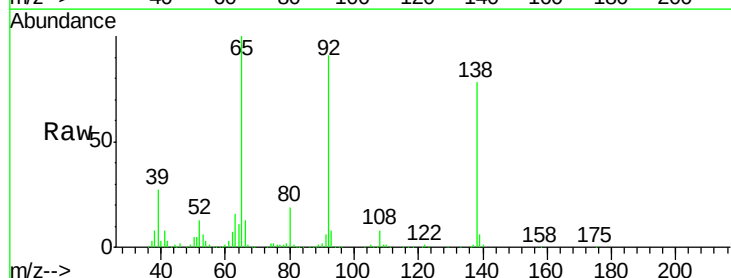
Tgt Ion:138 Resp: 254851

Ion Ratio Lower Upper

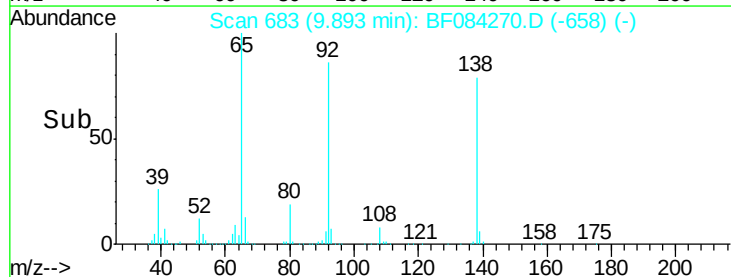
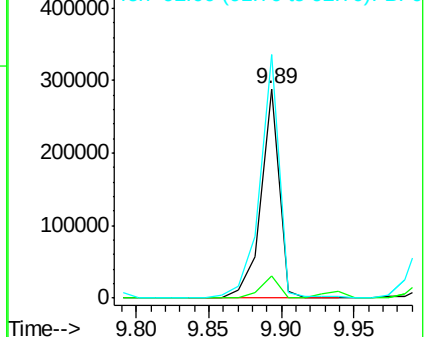
138 100

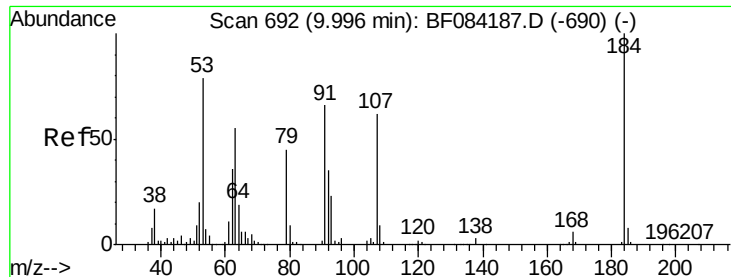
108 10.6 10.5 15.7

92 116.2 103.9 155.9



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





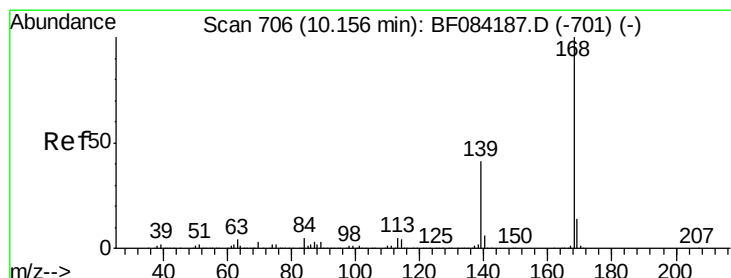
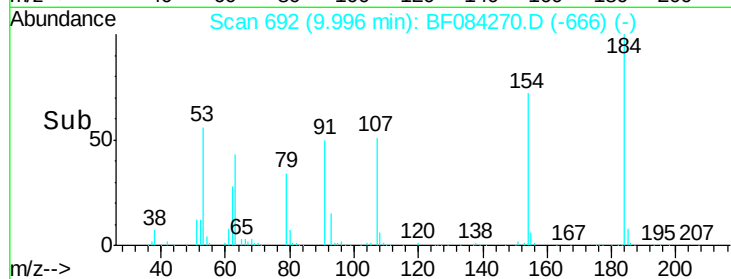
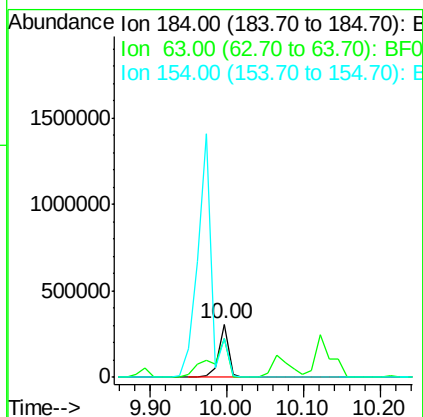
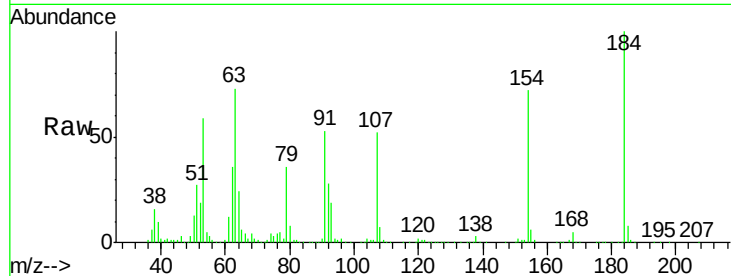
#53
2,4-Dinitrophenol
Concen: 82.82 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	276171		
63	73.3	43.1	64.7#	
154	72.5	60.5	90.7	

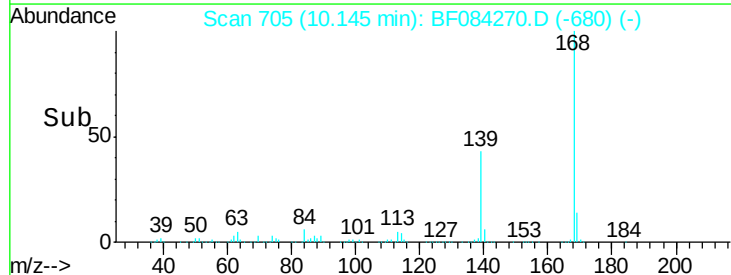
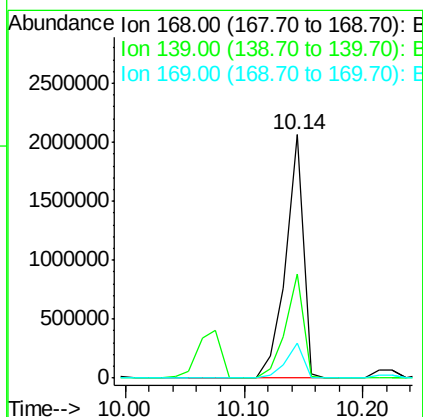
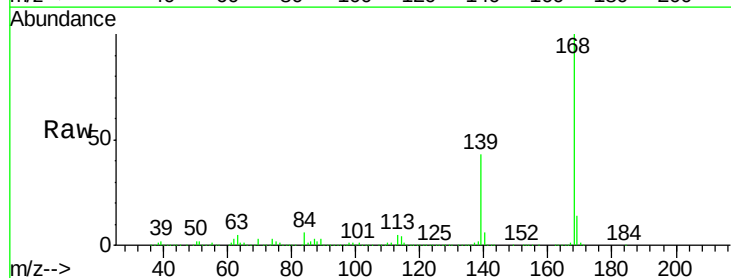
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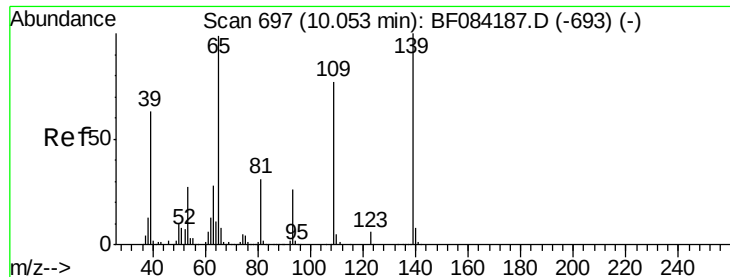
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#54
Dibenzofuran
Concen: 53.05 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2097793		
139	42.9	30.5	45.7	
169	14.2	10.4	15.6	





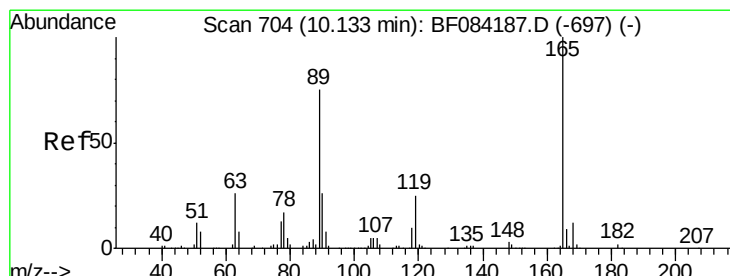
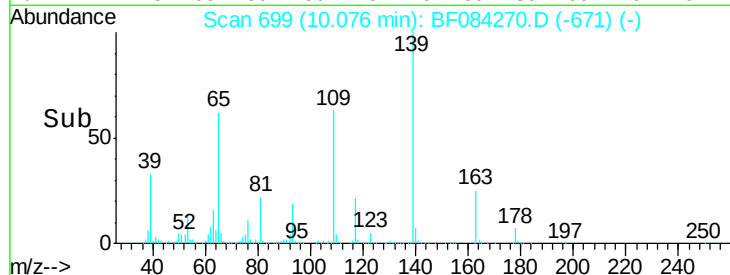
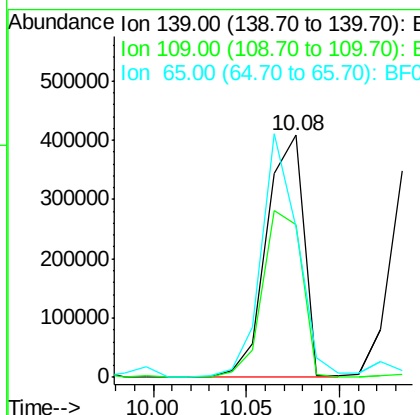
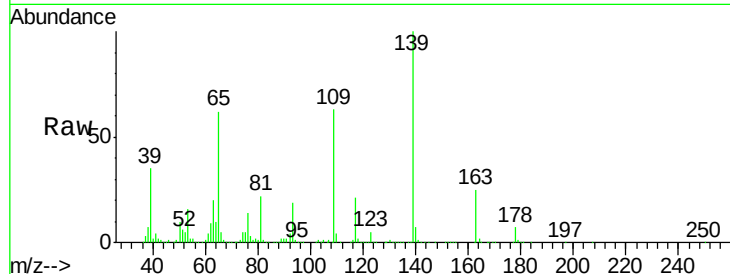
#55
4-Nitrophenol
Concen: 80.90 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.02 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	568743		
109	63.1	58.5	98.5	
65	61.9	57.6	97.6	

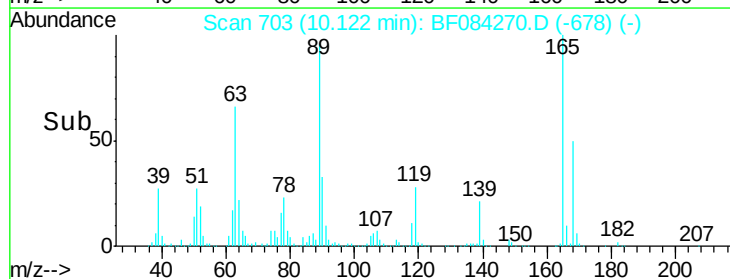
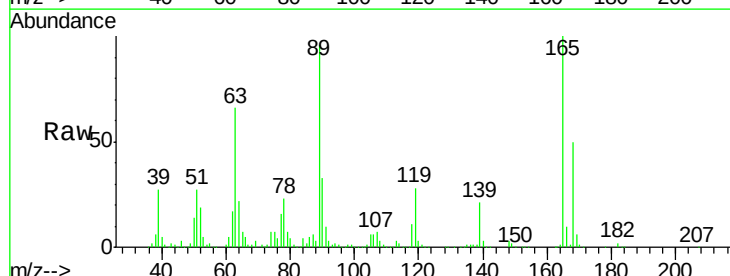
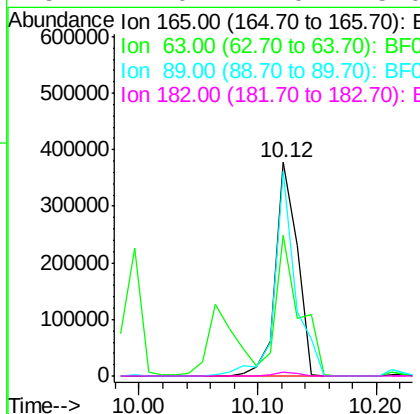
Manual Integrations
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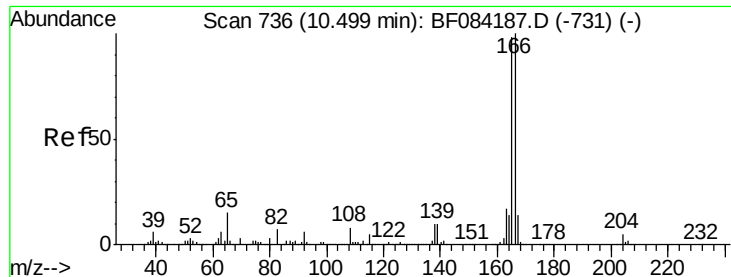
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#56
2,4-Dinitrotoluene
Concen: 48.12 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	476029		
63	66.0	36.7	55.1#	
89	95.9	61.9	92.9#	
182	2.0	2.0	3.0#	





#57

Fluorene

Concen: 53.92 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:166 Resp: 1650861

Ion Ratio Lower Upper

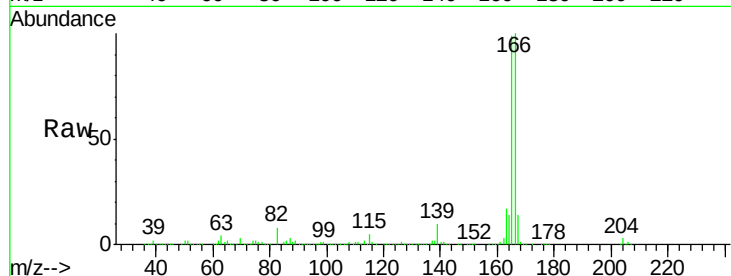
166 100

165 98.6 79.1 118.7

167 13.9 10.4 15.6

Manual Integrations
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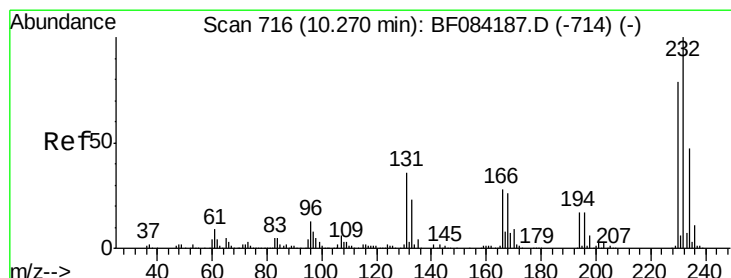
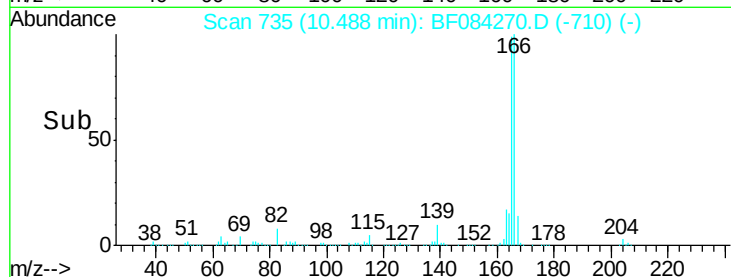
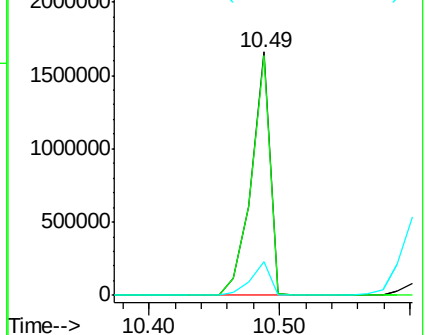
Sohil
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.52 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion:232 Resp: 381888

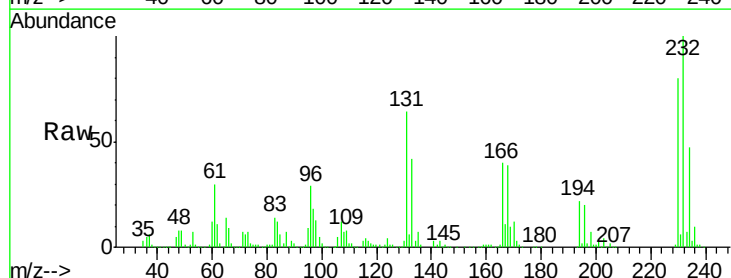
Ion Ratio Lower Upper

232 100

131 52.9 47.0 70.6

130 2.5 2.0 3.0

166 33.8 30.5 45.7

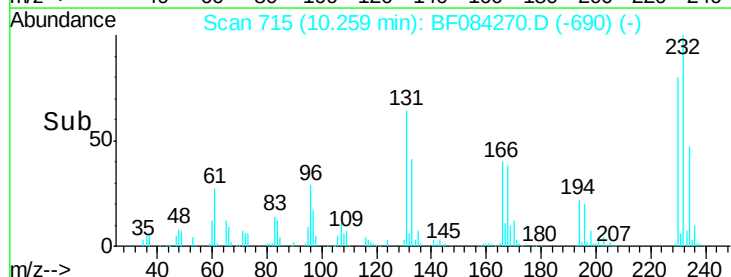
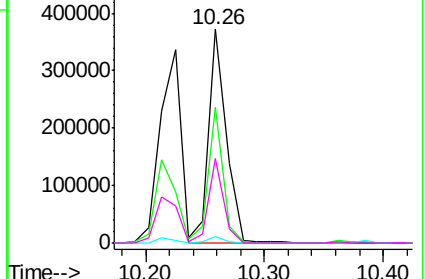


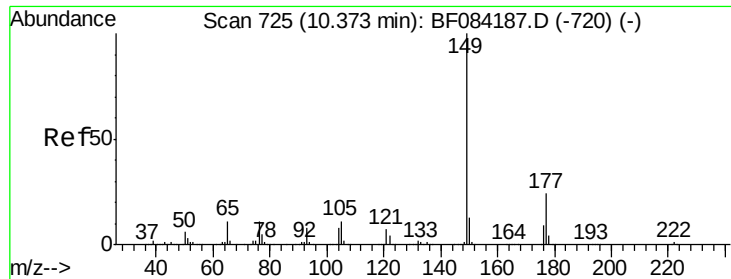
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





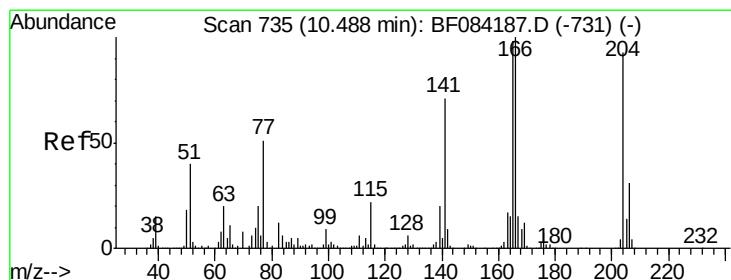
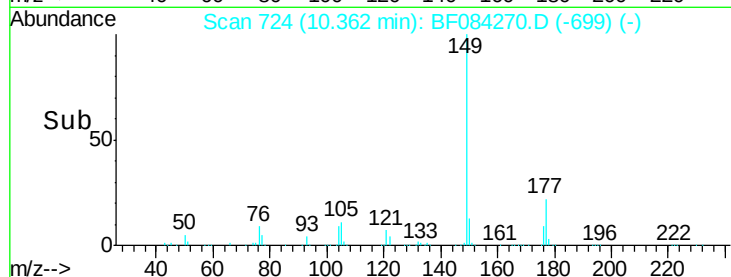
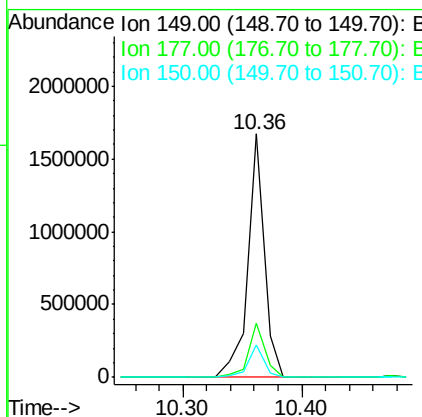
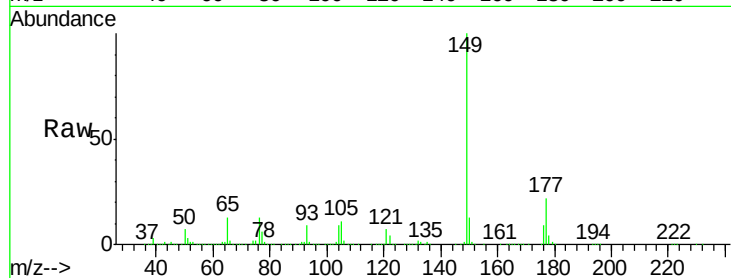
#59
Diethylphthalate
Concen: 46.28 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

Tot Ion:149 Resp: 1626080
Ion Ratio Lower Upper
149 100
177 22.0 17.3 25.9
150 13.2 9.8 14.8

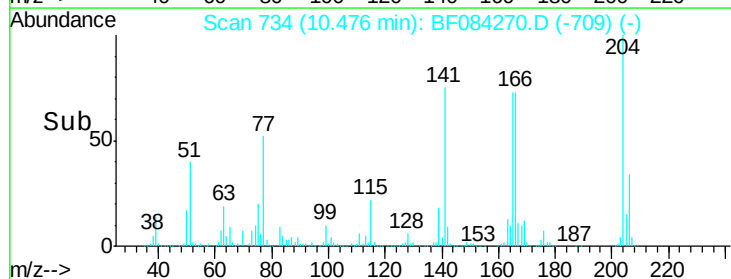
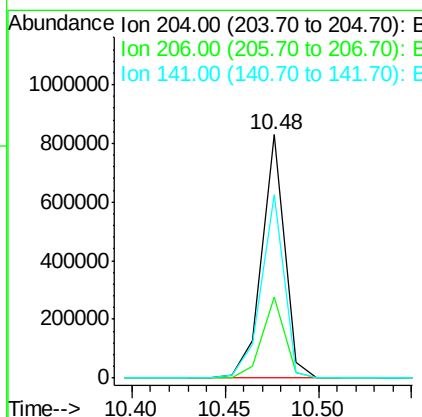
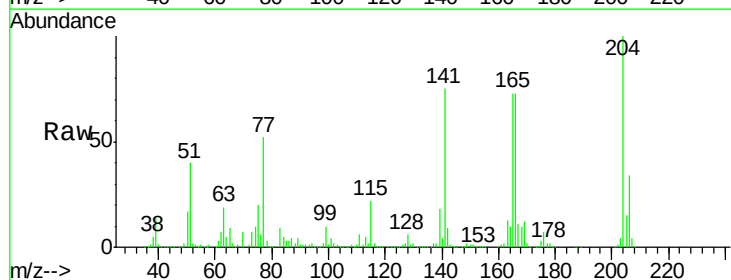
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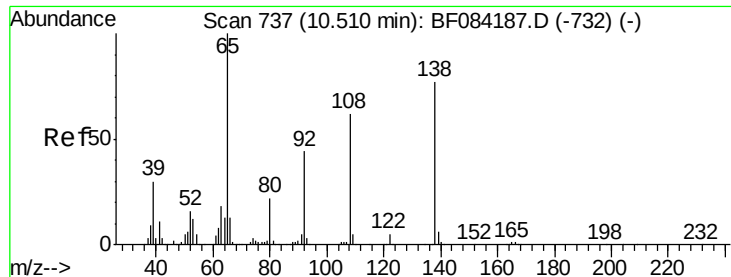
Sohil
1/5/2016 4:07:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 55.59 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion:204 Resp: 700189
Ion Ratio Lower Upper
204 100
206 33.5 25.7 38.5
141 75.3 55.1 82.7





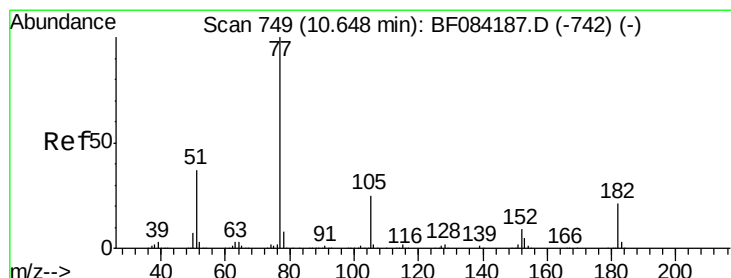
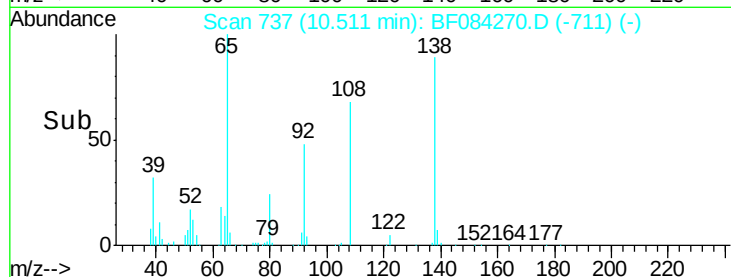
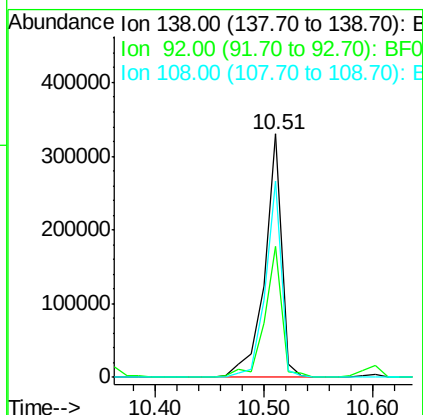
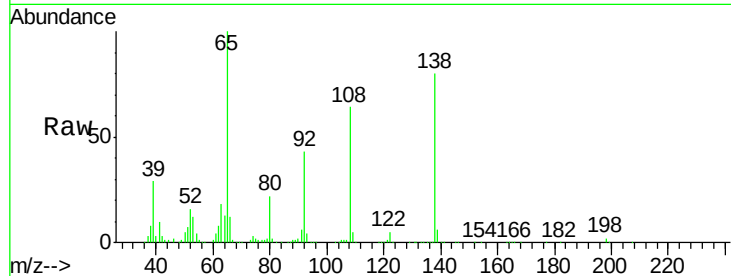
#61
4-Nitroaniline
Concen: 41.78 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.0	32.6	72.6
108	80.5	68.6	108.6

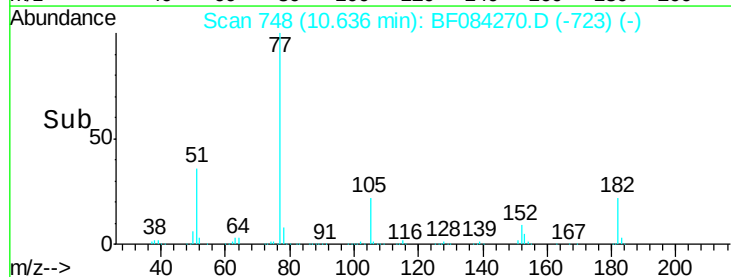
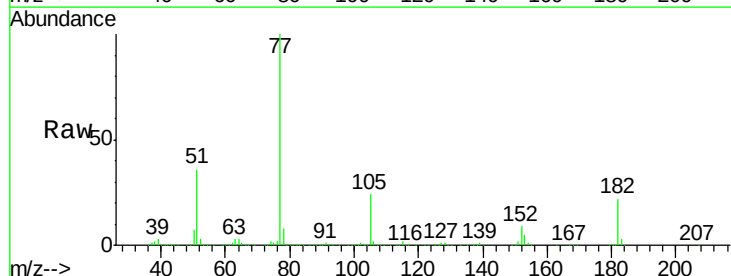
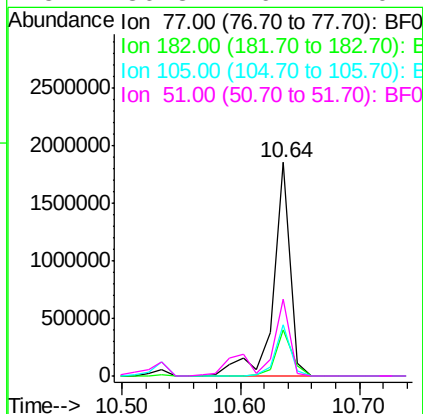
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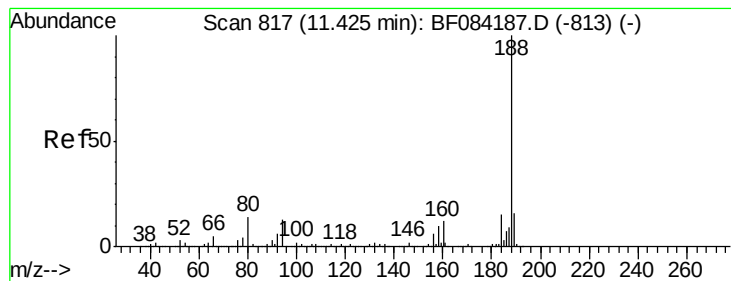
Sohil
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#62
Azobenzene
Concen: 47.47 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.6	8.3	48.3
105	24.1	4.6	44.6
51	36.3	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:188 Resp: 854467

Ion Ratio Lower Upper

188 100

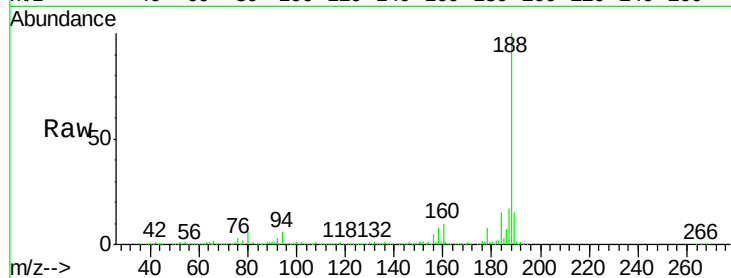
94 6.5 9.0 13.4#

80 6.4 9.6 14.4#

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

800000

600000

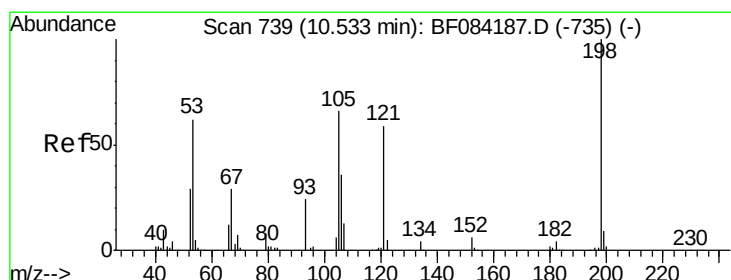
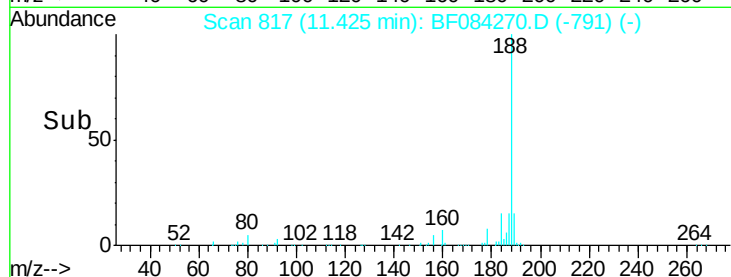
400000

200000

0

11.35 11.40 11.45

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 43.48 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

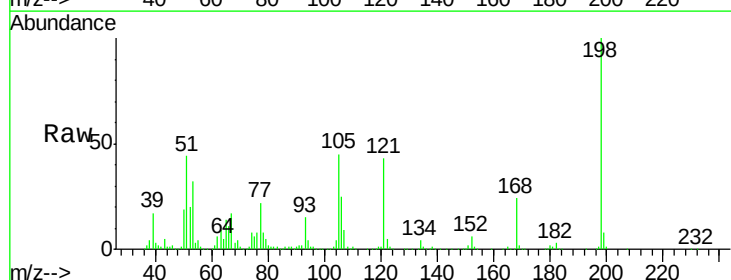
Tgt Ion:198 Resp: 226497

Ion Ratio Lower Upper

198 100

51 44.4 18.9 58.9

105 44.8 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

800000

600000

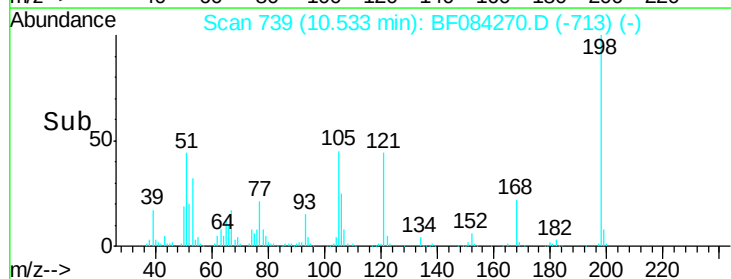
400000

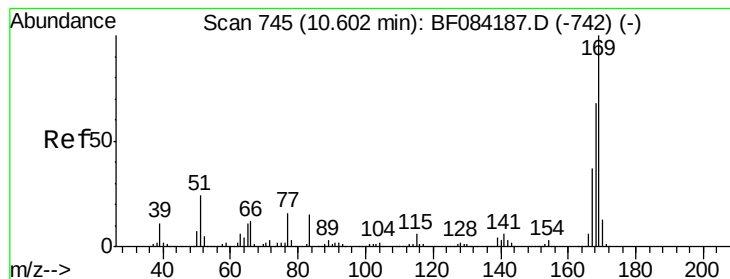
200000

0

10.40 10.50 10.60

Time-->





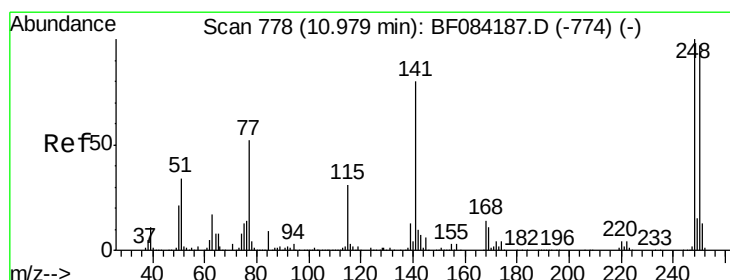
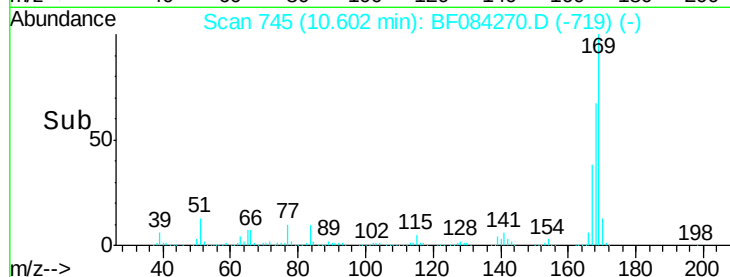
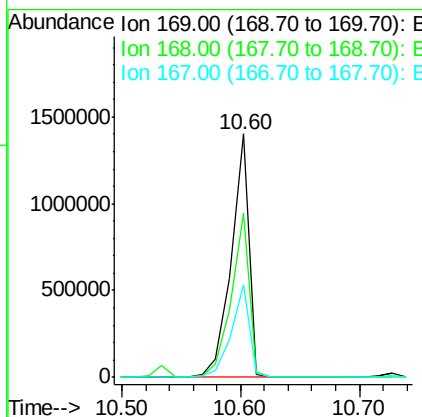
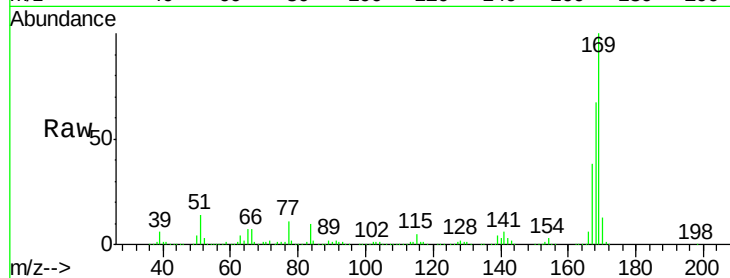
#65
 n-Nitrosodiphenylamine
 Concen: 53.13 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	67.3	55.1	82.7	
167	38.1	30.0	45.0	

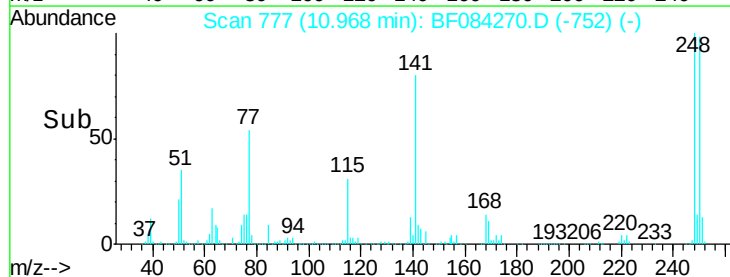
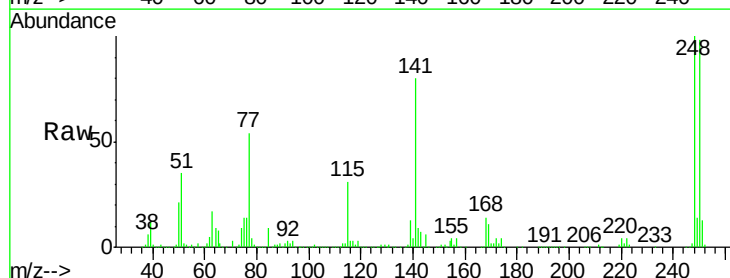
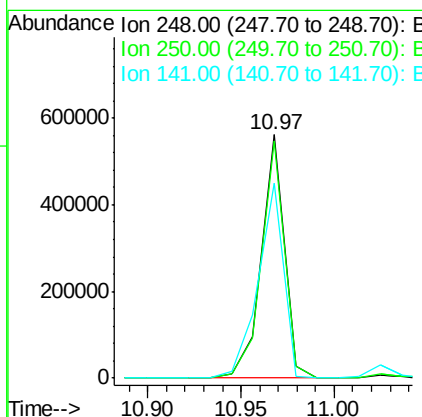
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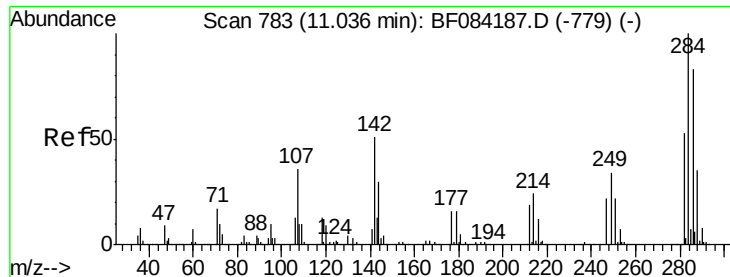
Sohil
 1/5/2016 4:07:30 PM



#66
 4-Bromophenyl-phenylether
 Concen: 51.96 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	97.7	78.4	117.6	
141	80.0	44.0	66.0	





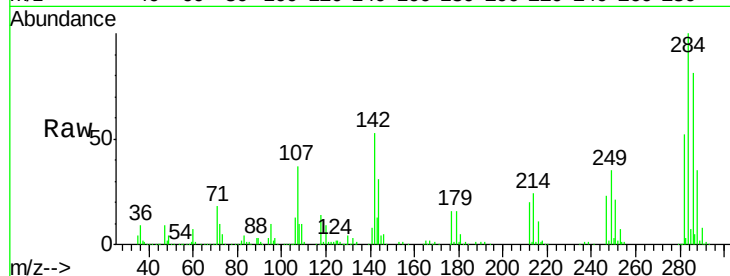
#67
Hexachlorobenzene
Concen: 48.16 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

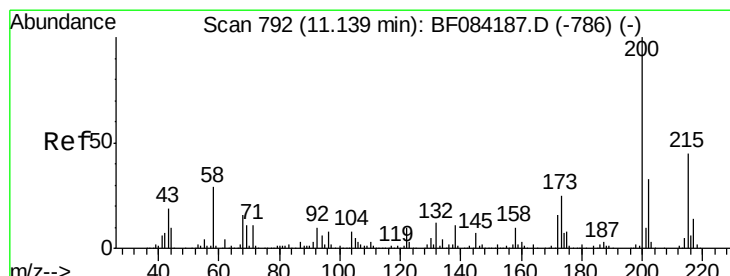
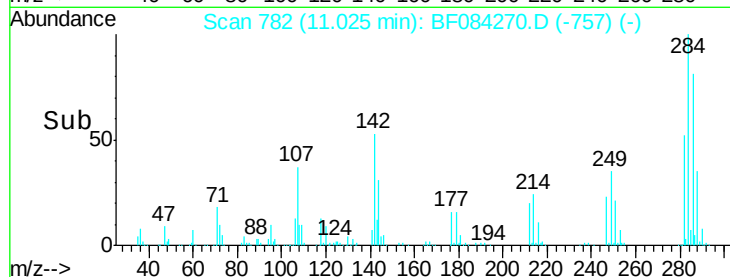
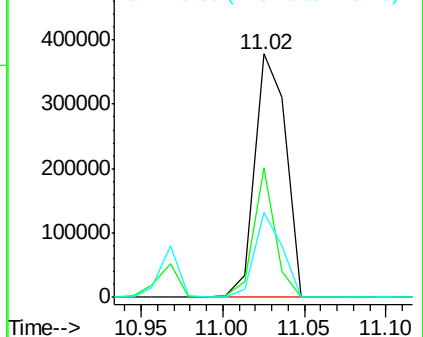
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	53.1	22.2	33.4#
249	34.9	24.6	37.0

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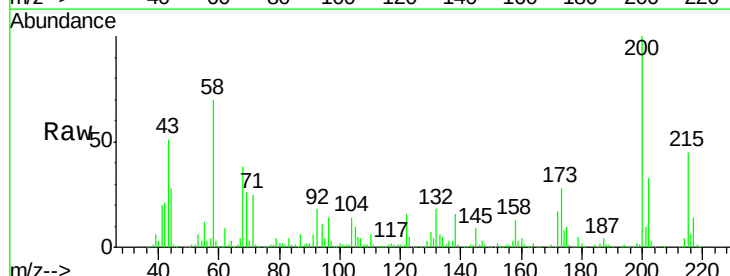


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

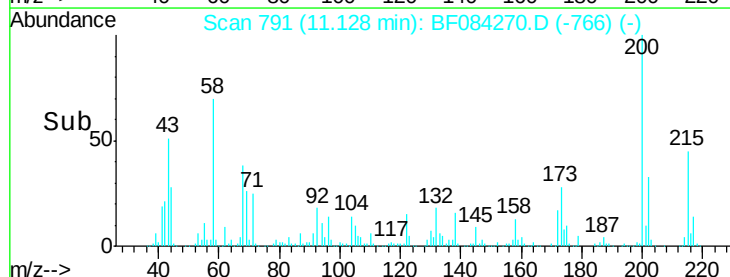
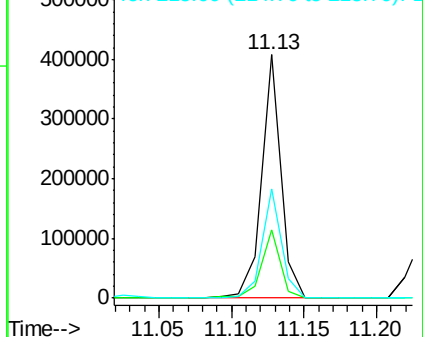


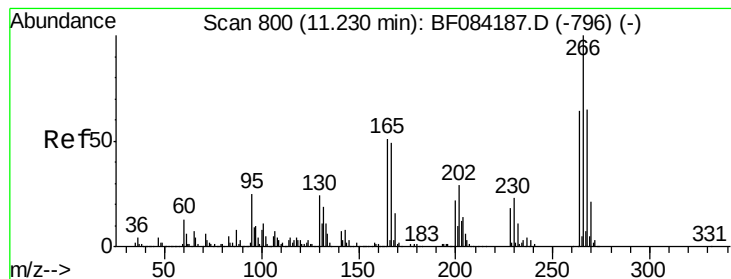
#68
Atrazine
Concen: 42.03 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.2	9.5	49.5
215	44.7	23.8	63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 80.94 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

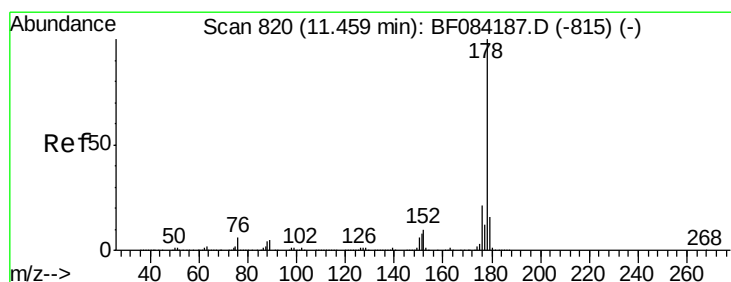
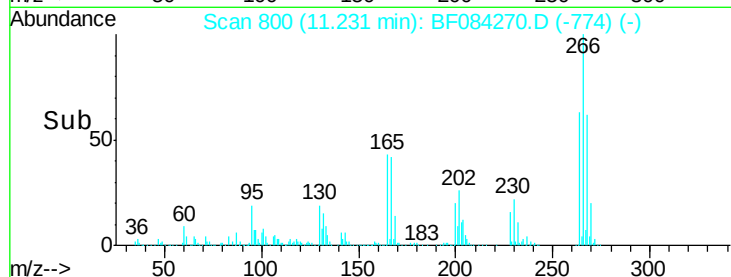
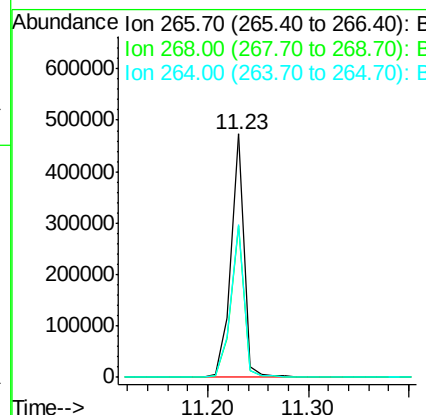
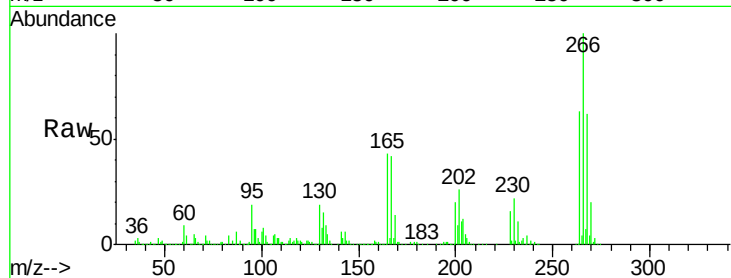
ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:	266	Resp:	434414
Ion Ratio		Lower	Upper
266	100		
268	62.1	52.4	78.6
264	62.6	50.2	75.2

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#70

Phenanthrene

Concen: 51.87 ng

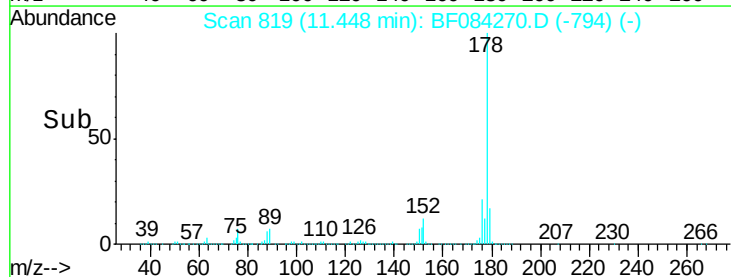
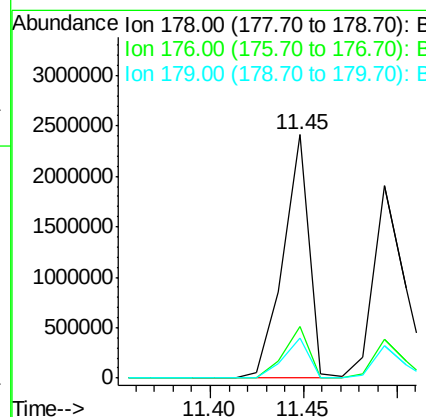
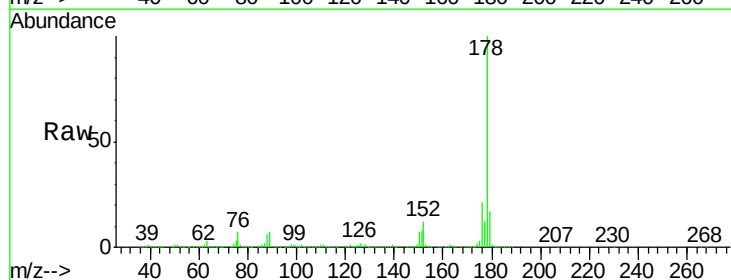
RT: 11.45 min Scan# 819

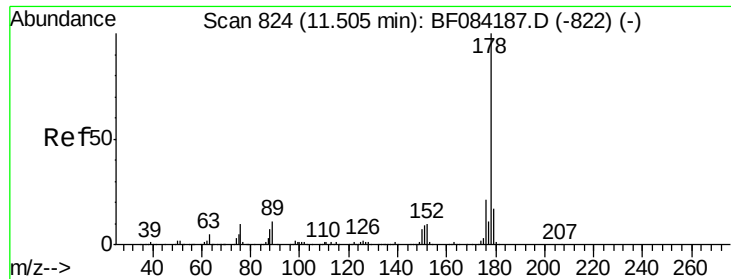
Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion:	178	Resp:	2318527
Ion Ratio		Lower	Upper
178	100		
176	21.3	15.3	22.9
179	16.7	12.0	18.0





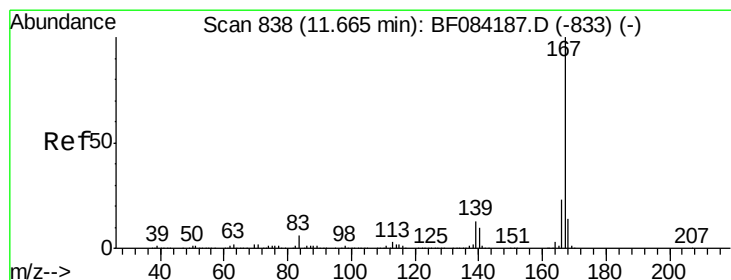
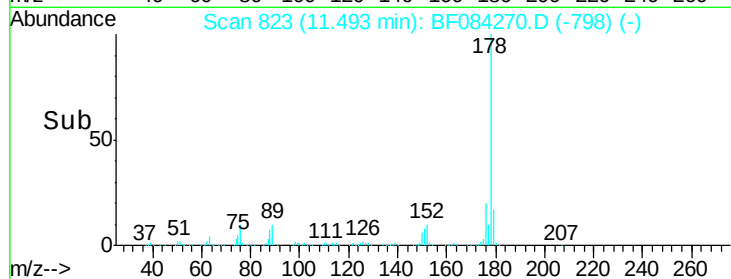
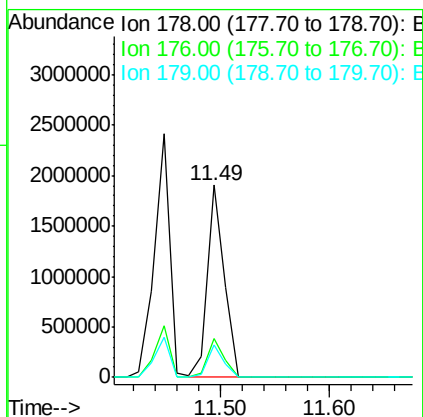
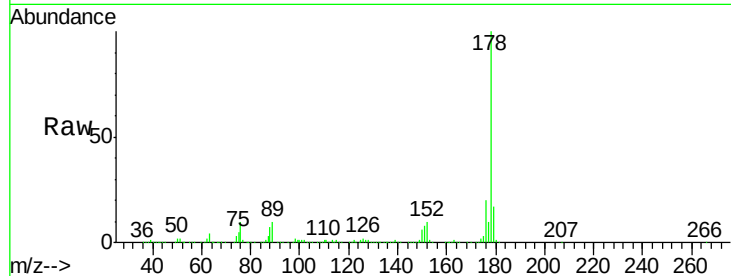
#71
 Anthracene
 Concen: 47.26 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Tot Ion:178 Resp: 2070630
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.0
 179 16.9 12.5 18.7

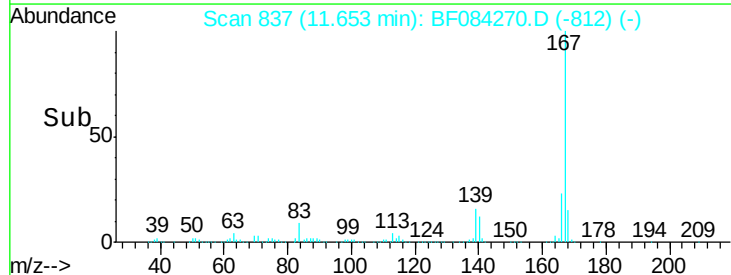
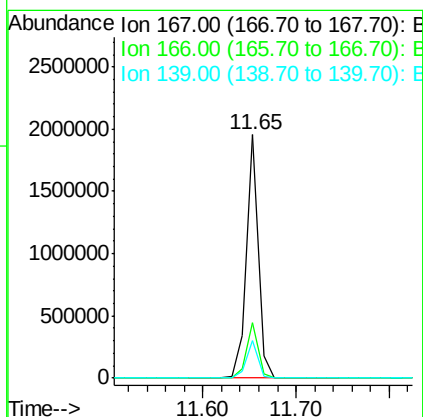
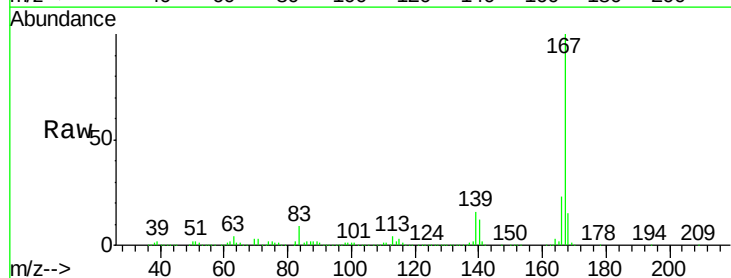
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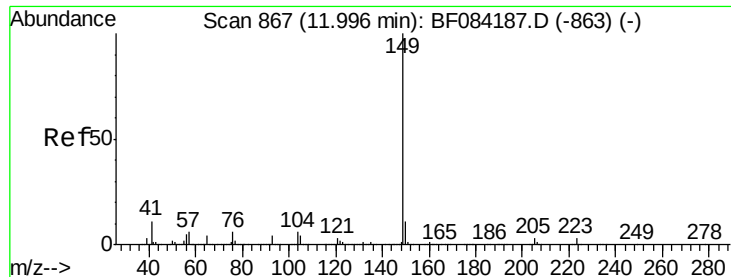
Sohil
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#72
 Carbazole
 Concen: 40.31 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion:167 Resp: 1726418
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 15.7 11.8 17.8





#73

Di-n-butylphthalate

Concen: 52.56 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:149 Resp: 2294685

Ion Ratio Lower Upper

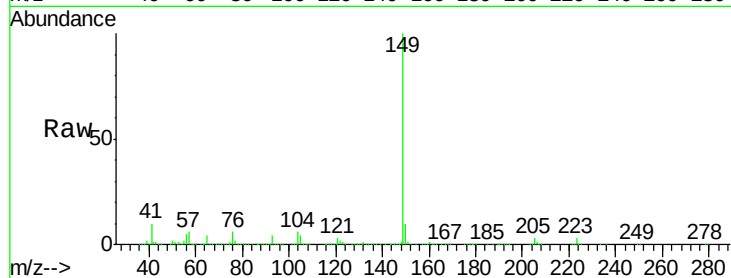
149 100

150 10.3 7.1 10.7

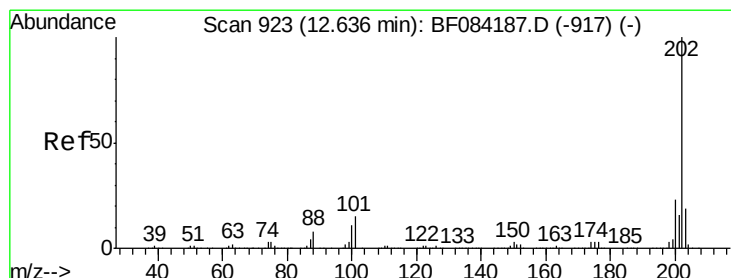
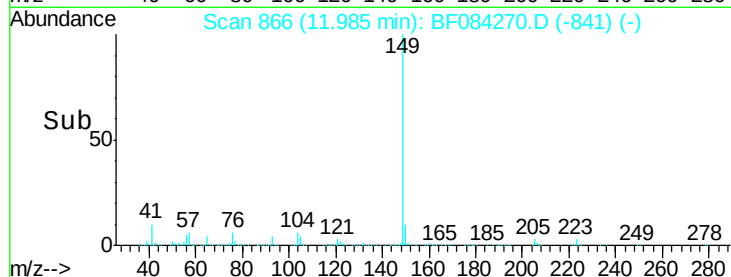
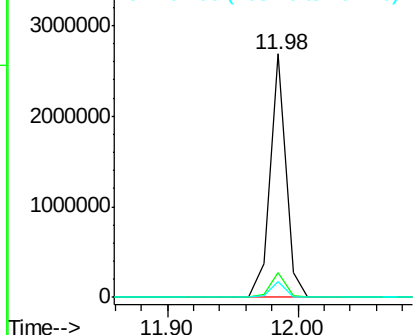
104 6.3 3.2 4.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.47 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

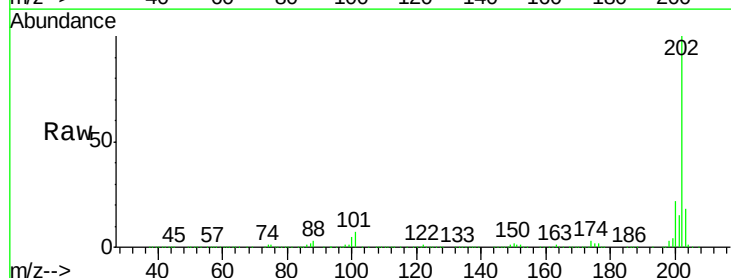
Tgt Ion:202 Resp: 2076109

Ion Ratio Lower Upper

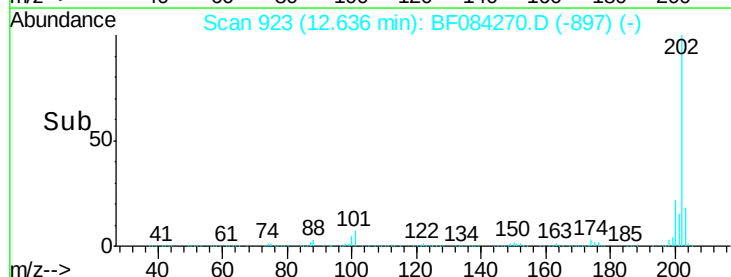
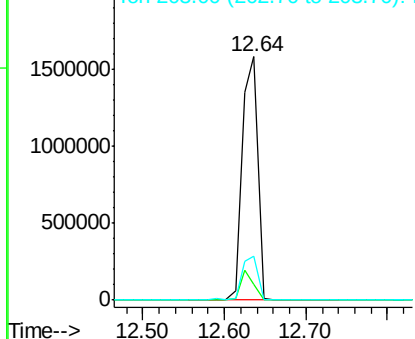
202 100

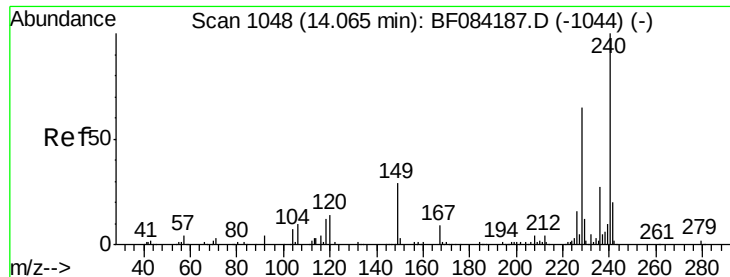
101 6.7 0.0 32.8

203 18.1 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

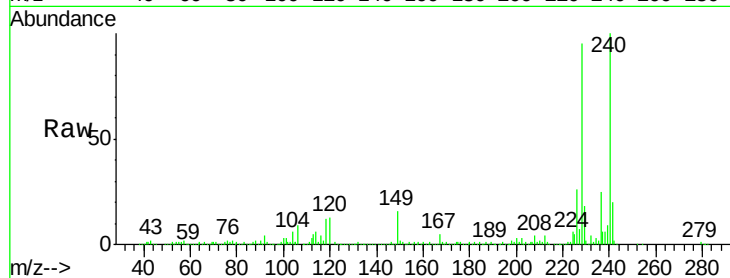
ClientSampleId :

DRUM(116-142)COMPOSITEMS

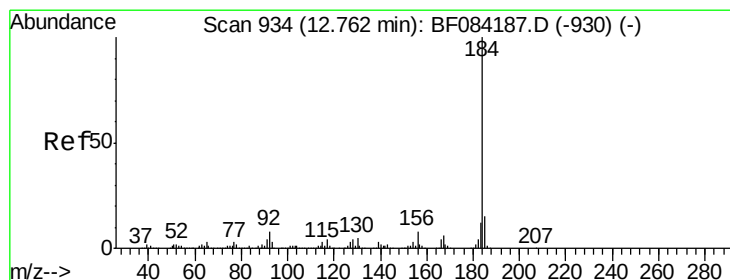
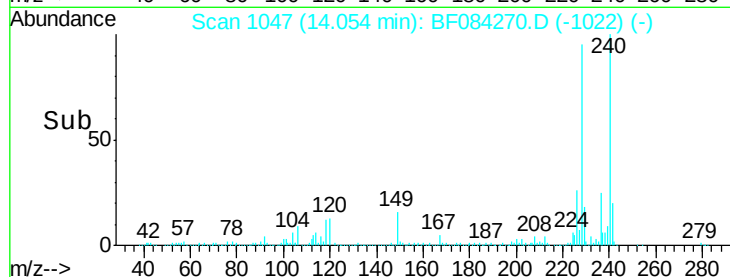
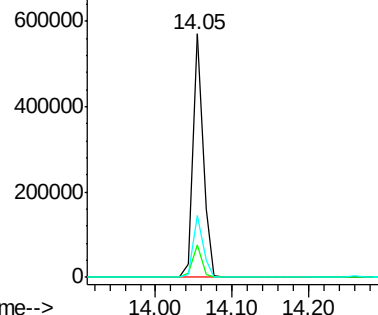
Tot Ion:	240	Resp:	531225
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	25.5	20.6	31.0

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



#76

Benzidine

Concen: 12.09 ng

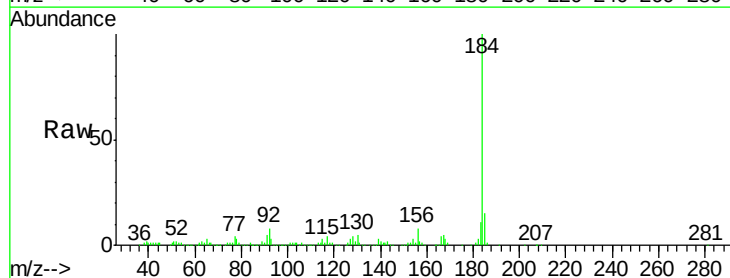
RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

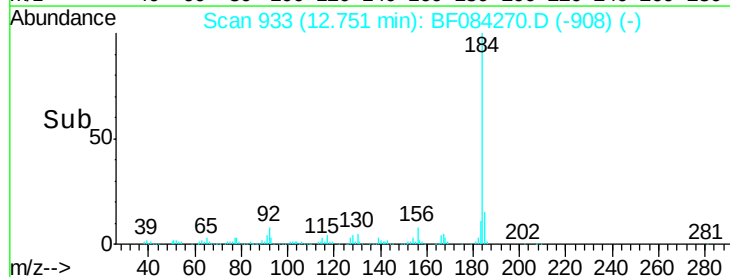
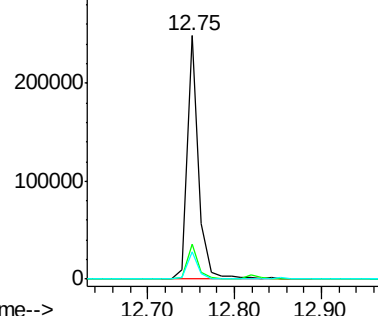
Lab File: BF084270.D

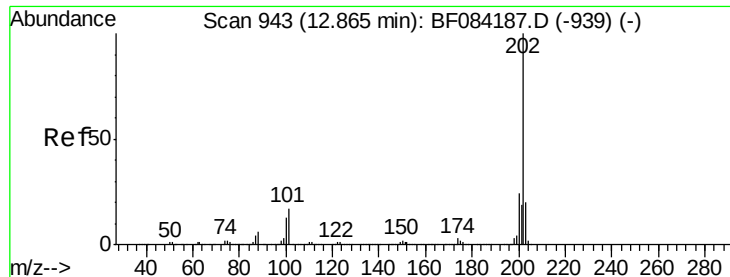
Acq: 5 Jan 2016 7:21

Tgt Ion:	184	Resp:	230211
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.2
183	11.1	9.8	14.8



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





#77

Pvrene

Concen: 47.64 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF084270.D

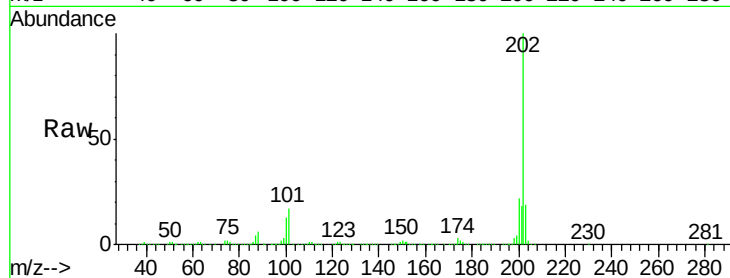
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

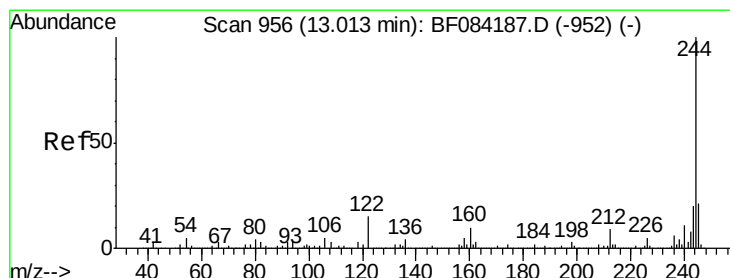
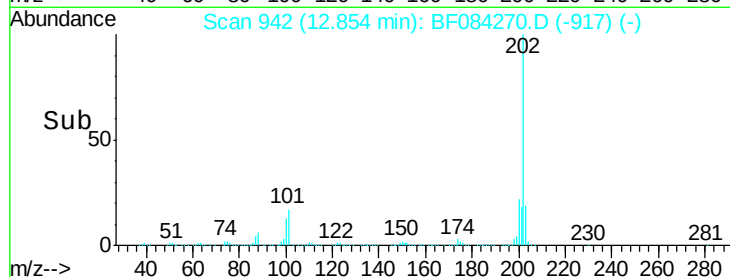
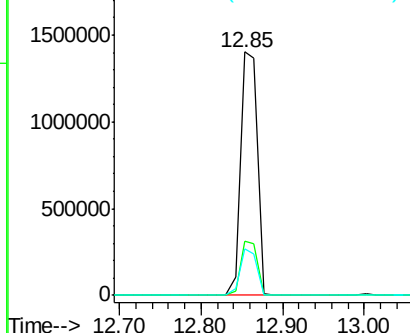
Tot Ion:	202	Resp:	1986119
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.2	25.8
203	19.2	14.3	21.5

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



#78

Terphenyl-d14

Concen: 90.25 ng

RT: 13.00 min Scan# 955

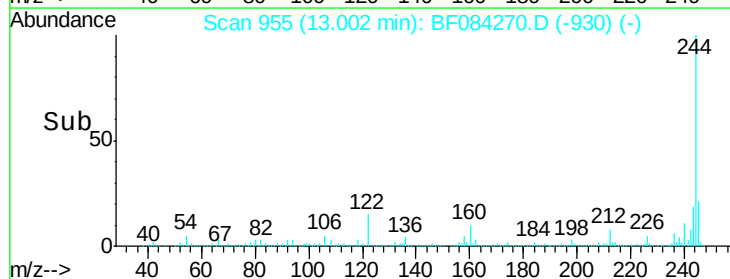
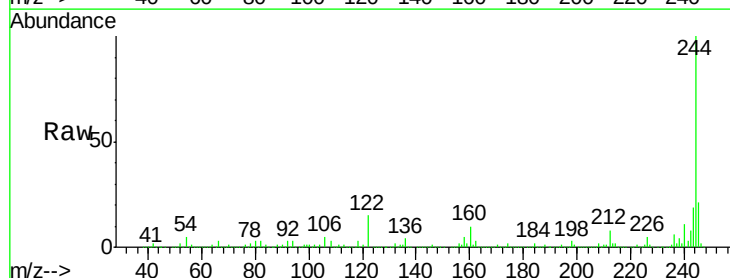
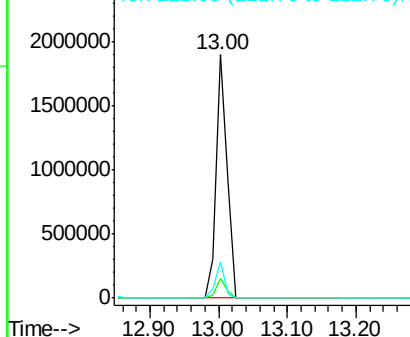
Delta R.T. -0.01 min

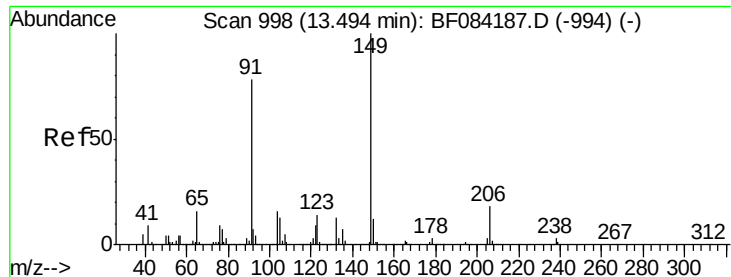
Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion:	244	Resp:	2147925
Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.9	7.4	11.0#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





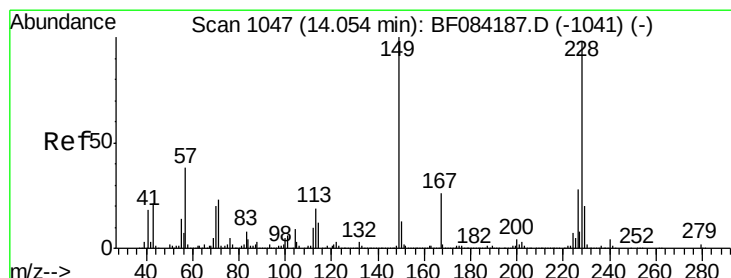
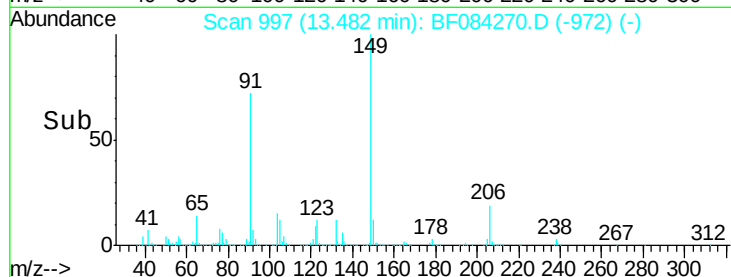
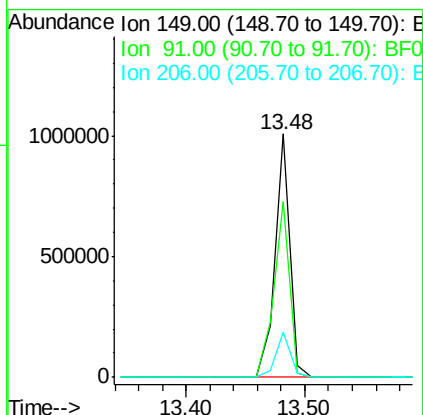
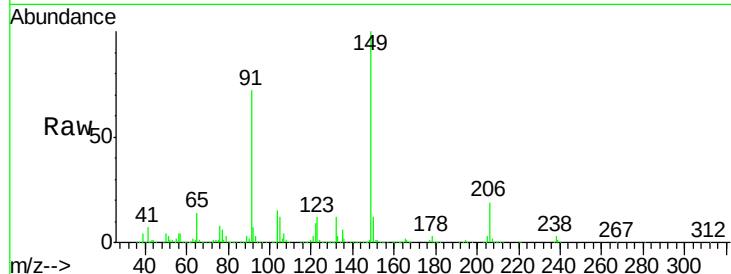
#79
Butylbenzylphthalate
Concen: 48.54 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	875562		
91	72.0	57.6	86.4	
206	18.5	13.2	19.8	

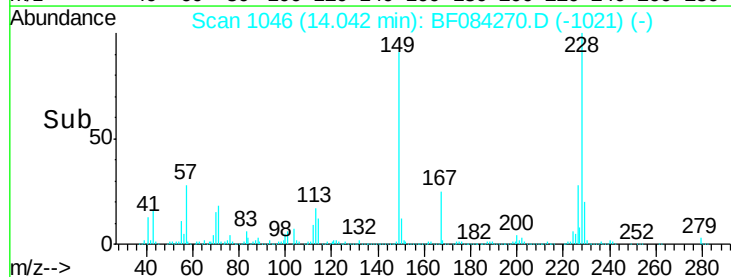
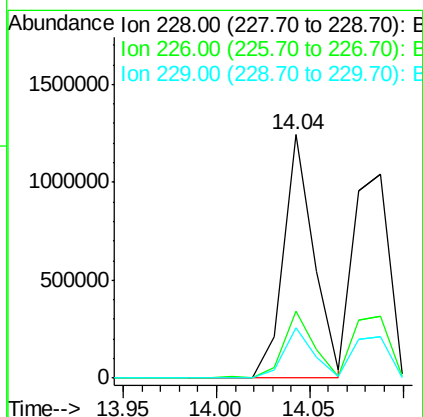
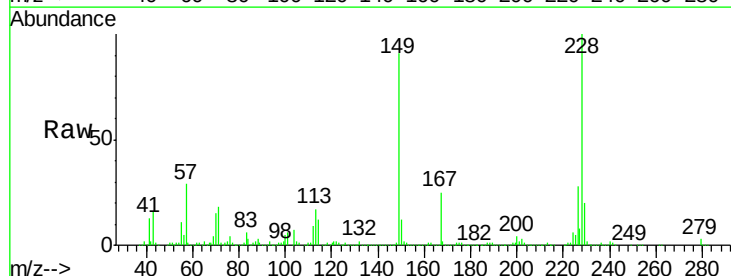
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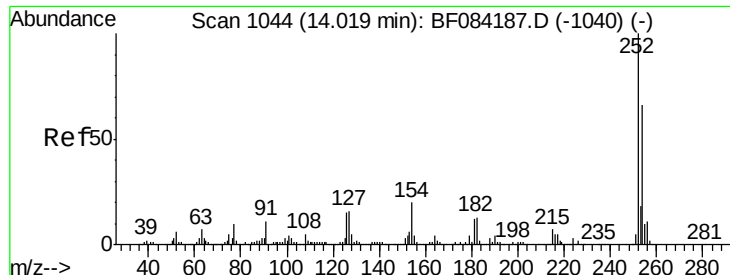
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#80
Benzo(a)anthracene
Concen: 44.78 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1396674		
226	27.7	21.8	32.6	
229	20.5	15.8	23.8	





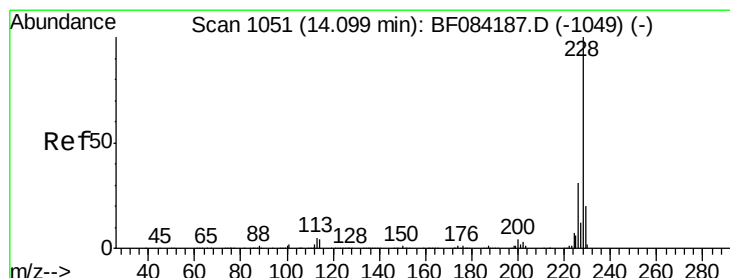
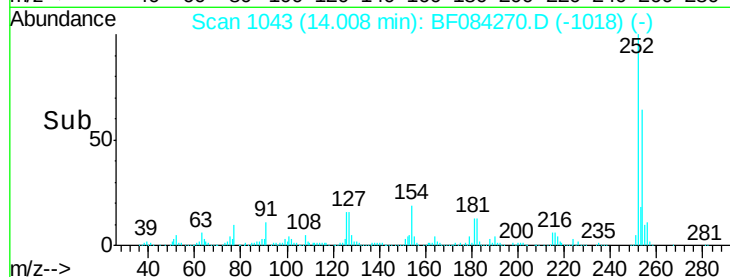
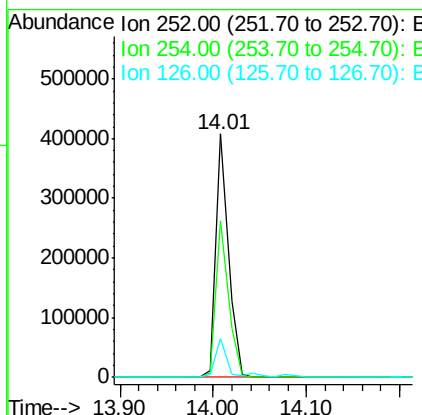
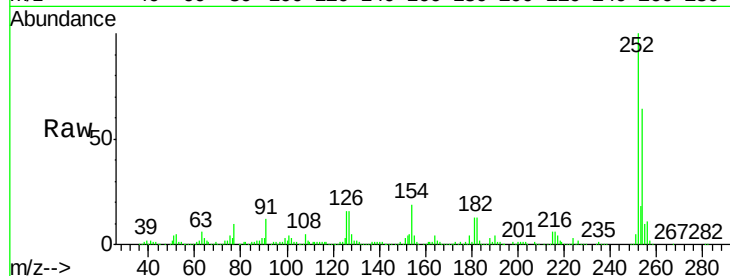
#81
 3,3'-Dichlorobenzidine
 Concen: 35.29 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITEMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.3	53.5	80.3
126	15.8	4.9	7.3#

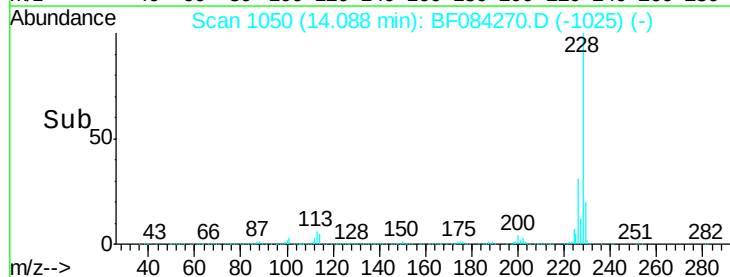
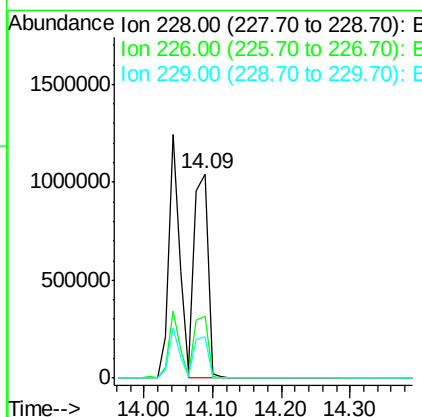
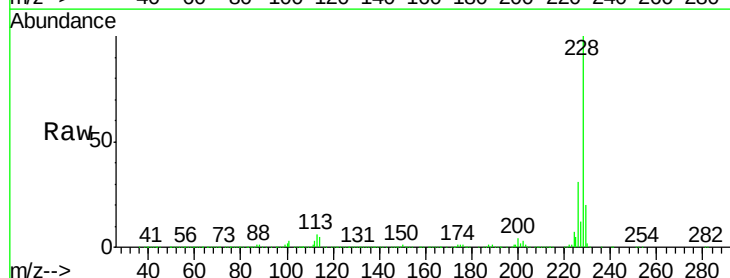
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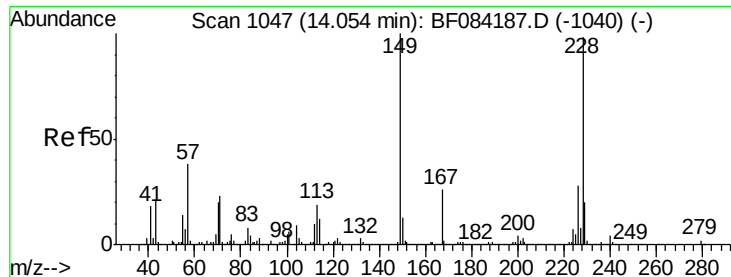
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#82
 Chrysene
 Concen: 46.90 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF084270.D
 Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.3	36.5
229	20.2	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.76 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Instrument :

BNA_F

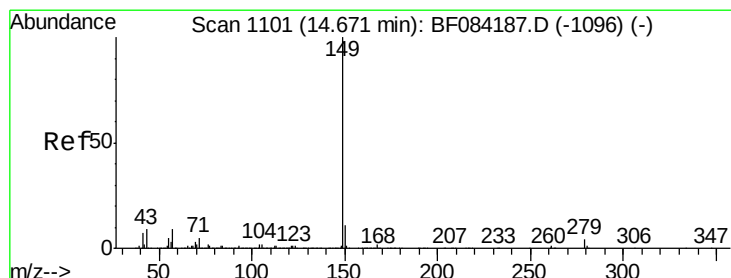
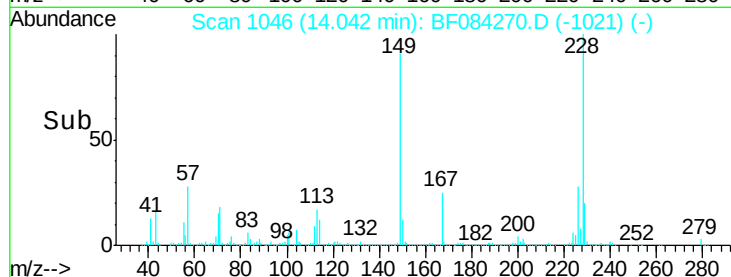
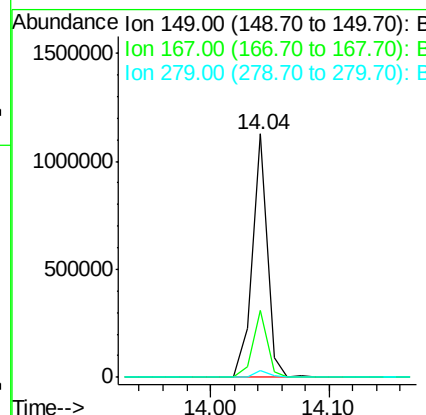
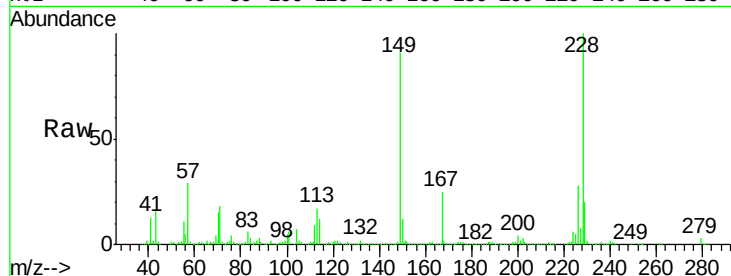
ClientSampleId :

DRUM(116-142)COMPOSITEMS

Tot Ion:	149	Resp:	997186
Ion Ratio		Lower	Upper
149	100		
167	27.4	19.7	29.5
279	2.8	1.8	2.6#

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#84

Di-n-octyl phthalate

Concen: 43.76 ng

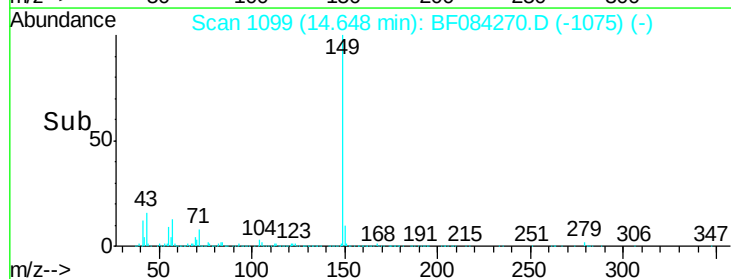
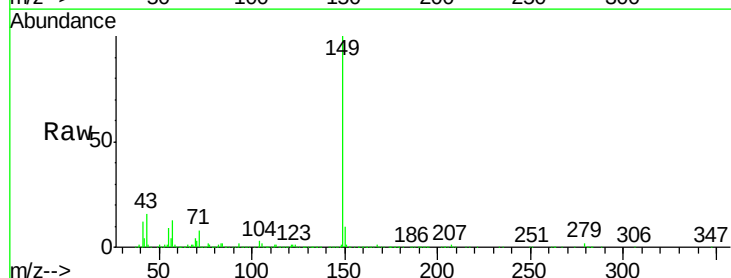
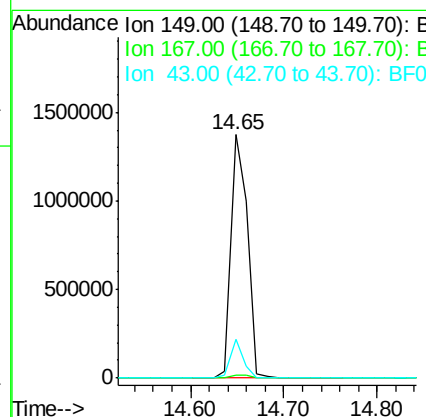
RT: 14.65 min Scan# 1099

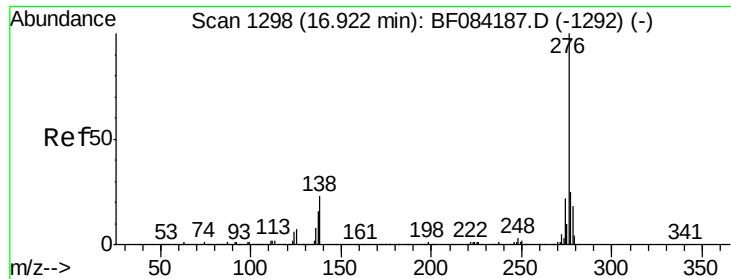
Delta R.T. -0.02 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tgt Ion:	149	Resp:	1683682
Ion Ratio		Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.3	5.6	8.4#





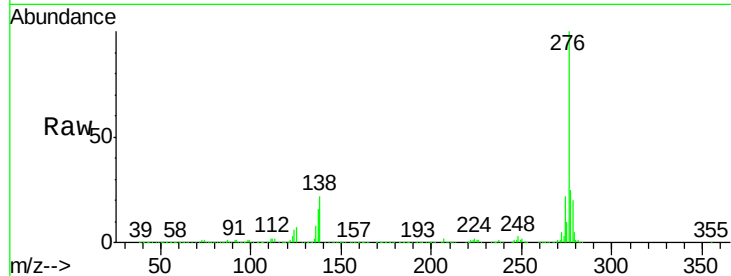
#85
Indeno(1,2,3-cd)pyrene
Concen: 66.37 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

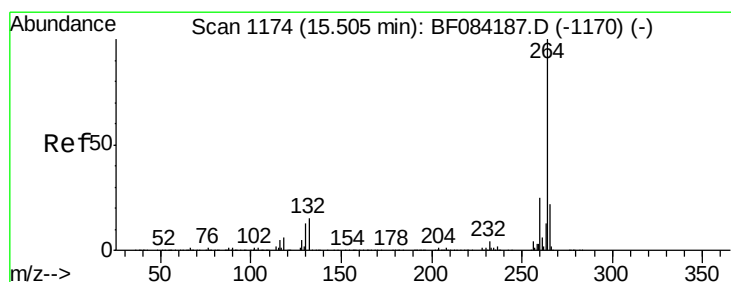
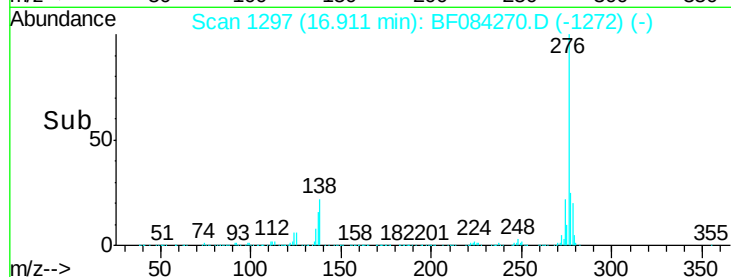
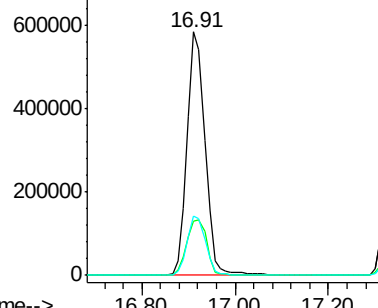
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.6	30.8
277	25.0	20.1	30.1

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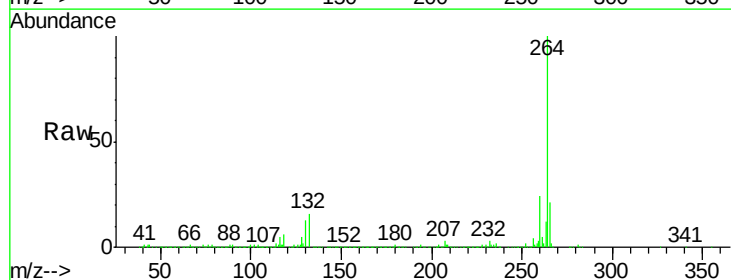


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

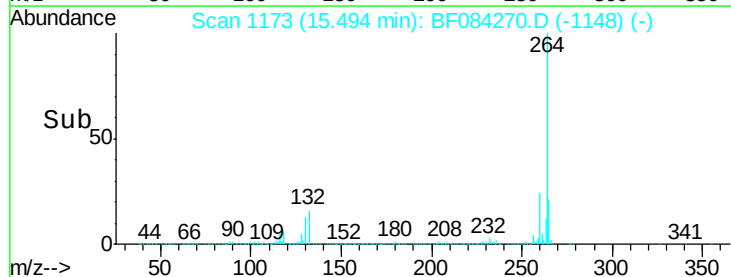
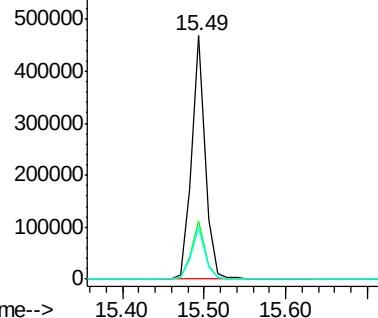


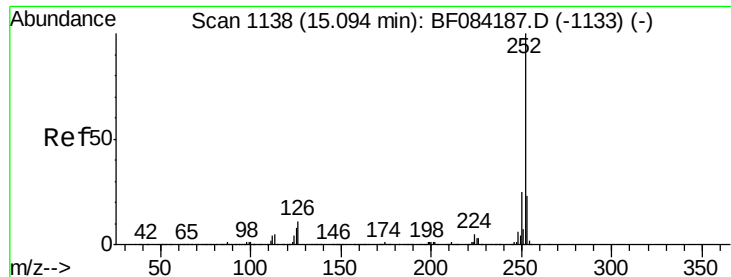
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.2	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





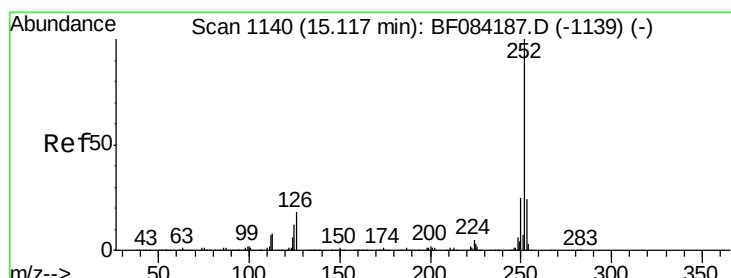
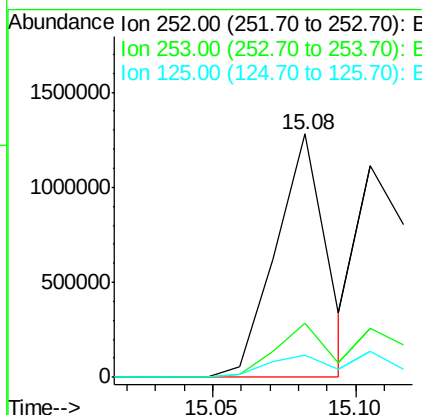
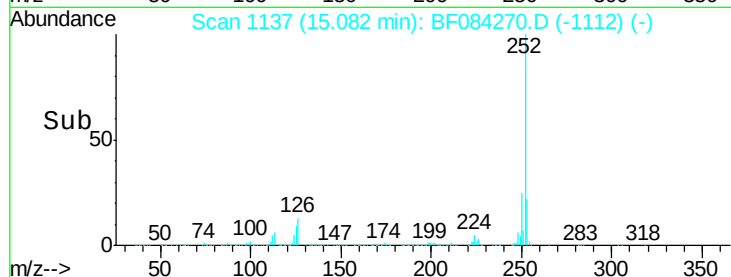
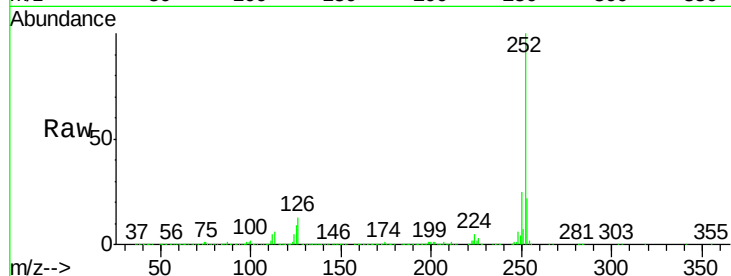
#87
Benzo(b)fluoranthene
Concen: 44.35 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITMS

Tot Ion:252 Resp: 1572748
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.1 6.5 9.7

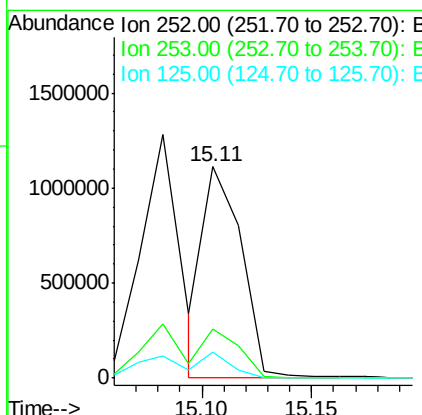
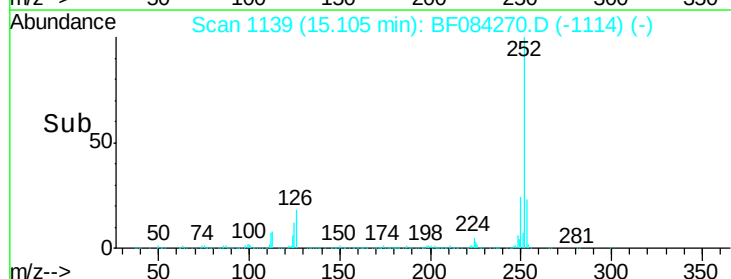
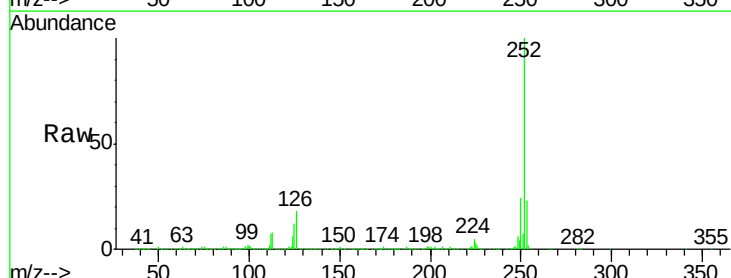
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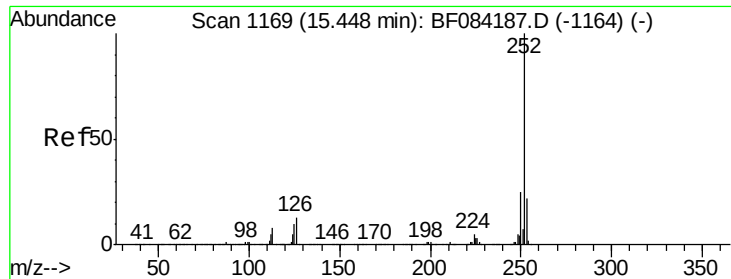
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#88
Benzo(k)fluoranthene
Concen: 47.01 ng m
RT: 15.11 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion:252 Resp: 1363530
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 12.4 9.0 13.6





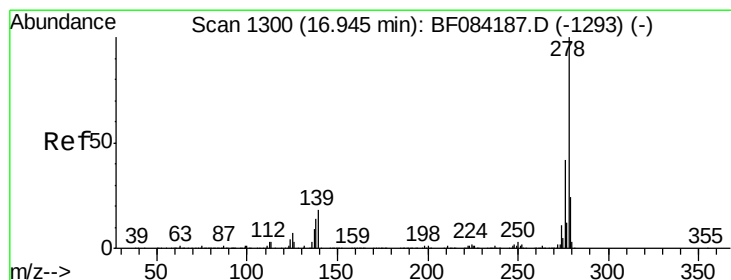
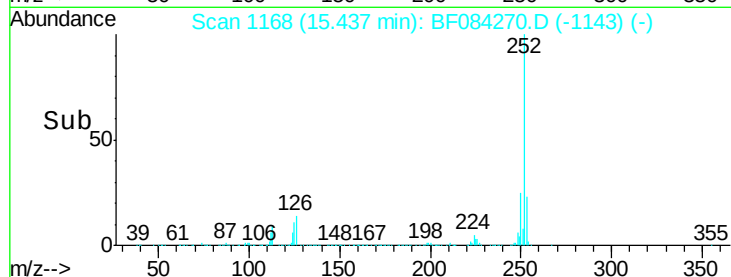
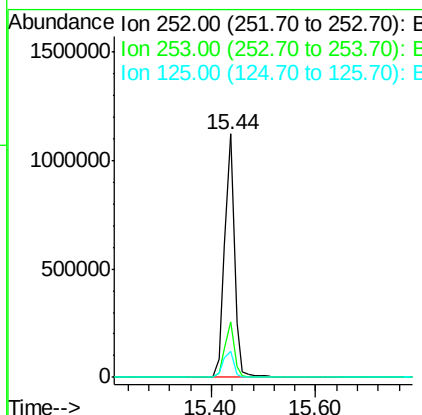
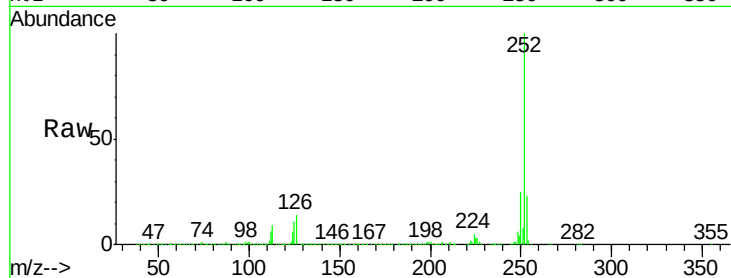
#89
Benzo(a)pyrene
Concen: 48.86 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	10.7	7.0	10.4

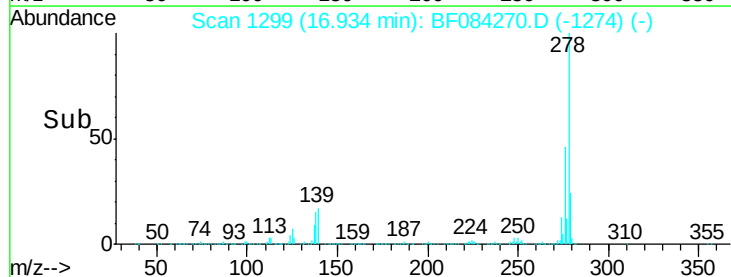
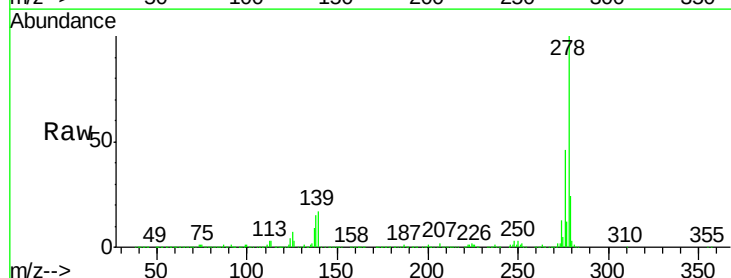
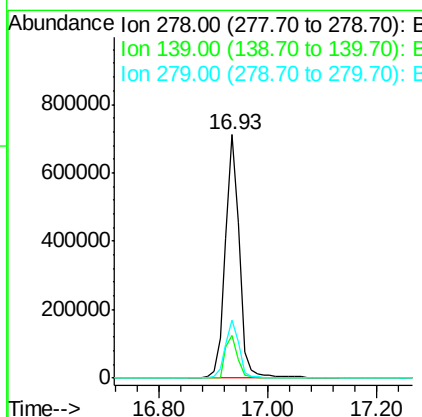
Manual Integrations
APPROVED

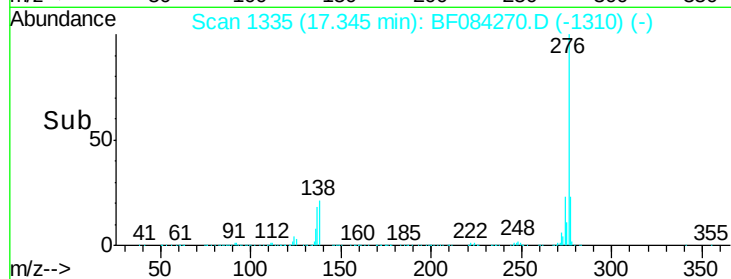
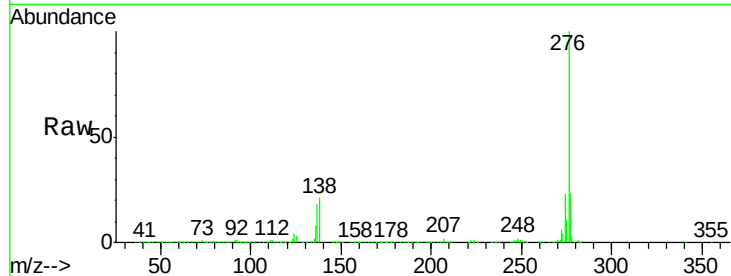
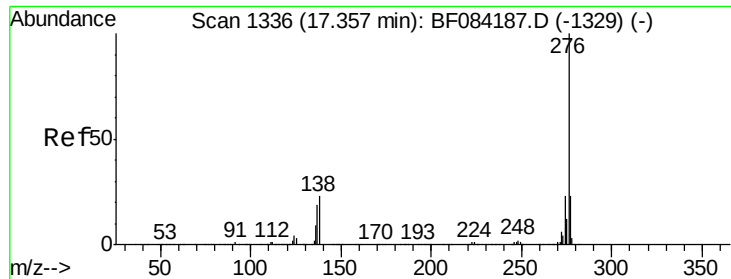
Sohil
1/5/2016 4:07:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.80 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF084270.D
Acq: 5 Jan 2016 7:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	15.0	22.4
279	23.7	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 47.50 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF084270.D

Acq: 5 Jan 2016 7:21

Tot Ion: 276 Resp: 1273400

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 21.4 17.8 26.6

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITEMS

Manual Integrations
APPROVED

Sohil
1/5/2016 4:07:30 PM

