

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012716\
 Data File : BF084619.D
 Acq On : 27 Jan 2016 14:15
 Operator : SJ/IZ
 Sample : PB87993BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BS

Manual Integrations
 APPROVED

mohammad
 1/28/2016 2:21:44 PM

Quant Time: Jan 27 17:57:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	202762	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	835043	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	426348	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	805463	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	674038	20.00	ng	0.00
86) Perylene-d12	15.28	264	545356	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1070942	85.43	ng	0.01
7) Phenol-d6	6.38	99	1362549	86.54	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1254558	83.62	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	388951	90.36	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2035818	83.92	ng	0.00
78) Terphenyl-d14	12.84	244	2312354	76.58	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	186391	31.39	ng	# 71
3) Pyridine	3.02	79	413624	24.98	ng	# 69
4) n-Nitrosodimethylamine	2.98	42	240336	28.28	ng	# 68
6) Aniline	6.40	93	406091	17.63	ng	# 21
8) 2-Chlorophenol	6.52	128	574192	40.37	ng	91
9) Benzaldehyde	6.28	77	33519	3.27	ng	98
10) Phenol	6.40	94	646736	36.13	ng	77
11) bis(2-Chloroethyl)ether	6.48	93	514653	37.11	ng	# 83
12) 1,3-Dichlorobenzene	6.67	146	555199m	37.84	ng	
13) 1,4-Dichlorobenzene	6.75	146	559194	38.01	ng	97
14) 1,2-Dichlorobenzene	6.91	146	565542	40.14	ng	97
15) Benzyl Alcohol	6.89	79	471411	35.59	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	848043	33.58	ng	87
17) 2-Methylphenol	7.01	107	501928	42.11	ng	# 93
18) Hexachloroethane	7.25	117	230002	39.09	ng	# 85
19) n-Nitroso-di-n-propylamine	7.16	70	391502	36.73	ng	# 73
20) 3+4-Methylphenols	7.16	107	608244	43.41	ng	# 68
22) Acetophenone	7.15	105	819040	40.79	ng	98
24) Nitrobenzene	7.32	77	585287	38.46	ng	94
25) Isophorone	7.57	82	1157696	40.34	ng	96
26) 2-Nitrophenol	7.64	139	305357	44.09	ng	# 84
27) 2,4-Dimethylphenol	7.70	122	572574	40.84	ng	88
28) bis(2-Chloroethoxy)methane	7.79	93	704549	40.20	ng	# 96
29) 2,4-Dichlorophenol	7.89	162	527617	45.18	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	510599	42.35	ng	# 94
31) Naphthalene	8.04	128	1564202	41.29	ng	99
32) Benzoic acid	7.84	122	383008	43.19	ng	95
33) 4-Chloroaniline	8.10	127	167414	9.64	ng	98
34) Hexachlorobutadiene	8.17	225	291108	42.01	ng	99
35) Caprolactam	8.49	113	202204m	51.36	ng	
36) 4-Chloro-3-methylphenol	8.60	107	597835	45.70	ng	99
37) 2-Methylnaphthalene	8.74	142	1135209	41.74	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	493061	40.23	ng	98
40) Hexachlorocyclopentadiene	8.90	237	537581	72.65	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	378481	41.27	ng	94
43) 2,4,5-Trichlorophenol	9.07	196	353633	40.23	ng	# 87
45) 1,1'-Biphenyl	9.21	154	1477139	43.59	ng	98
46) 2-Chloronaphthalene	9.23	162	1099632	41.31	ng	91
47) 2-Nitroaniline	9.33	65	396478	45.13	ng	# 71
48) Acenaphthylene	9.64	152	1683674	42.82	ng	97
49) Dimethylphthalate	9.52	163	1319027	43.28	ng	# 90
50) 2,6-Dinitrotoluene	9.57	165	295825	44.25	ng	# 60
51) Acenaphthene	9.81	154	1096785	41.58	ng	98
52) 3-Nitroaniline	9.73	138	135724	16.38	ng	97
53) 2,4-Dinitrophenol	9.85	184	293096	101.91	ng	# 81
54) Dibenzofuran	9.98	168	1434761	41.79	ng	91
55) 4-Nitrophenol	9.93	139	547111	90.99	ng	95
56) 2,4-Dinitrotoluene	9.97	165	361933	42.78	ng	# 74
57) Fluorene	10.33	166	1217773	46.16	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	338678	45.12	ng	87
59) Diethylphthalate	10.21	149	1301649	43.31	ng	98
60) 4-Chlorophenyl-phenylether	10.32	204	517924	46.78	ng	# 87
61) 4-Nitroaniline	10.36	138	345177	46.75	ng	89
62) Azobenzene	10.48	77	1325238	40.21	ng	86
64) 4,6-Dinitro-2-methylphenol	10.38	198	236422	48.51	ng	92
65) n-Nitrosodiphenylamine	10.44	169	1006574	39.09	ng	98
66) 4-Bromophenyl-phenylether	10.81	248	349289	40.29	ng	# 79
67) Hexachlorobenzene	10.88	284	416022	42.64	ng	# 87
68) Atrazine	10.98	200	398347	47.27	ng	96
69) Pentachlorophenol	11.07	266	415537	82.13	ng	98
70) Phenanthrene	11.29	178	1988082	47.19	ng	97
71) Anthracene	11.33	178	1666651	40.35	ng	98
72) Carbazole	11.49	167	1584256	39.24	ng	99
73) Di-n-butylphthalate	11.84	149	2107823	50.70	ng	98
74) Fluoranthene	12.47	202	1747418	39.70	ng	99
76) Benzidine	12.59	184	743146	30.75	ng	99
77) Pyrene	12.69	202	1845638	34.89	ng	98
79) Butylbenzylphthalate	13.32	149	860284	37.59	ng	91
80) Benzo(a)anthracene	13.88	228	1696667	42.87	ng	98
81) 3,3'-Dichlorobenzidine	13.85	252	321922	23.31	ng	# 97
82) Chrysene	13.92	228	1329603	34.96	ng	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1099166	38.01	ng	99
84) Di-n-octyl phthalate	14.50	149	2025174	41.48	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.60	276	1232158	40.87	ng	99
87) Benzo(b)fluoranthene	14.90	252	1719664m	48.20	ng	
88) Benzo(k)fluoranthene	14.92	252	1074610m	36.83	ng	
89) Benzo(a)pyrene	15.23	252	1320742	43.65	ng	97
90) Dibenzo(a,h)anthracene	16.61	278	1023100	39.29	ng	98
91) Benzo(g,h,i)perylene	17.00	276	1010334	37.47	ng	97

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

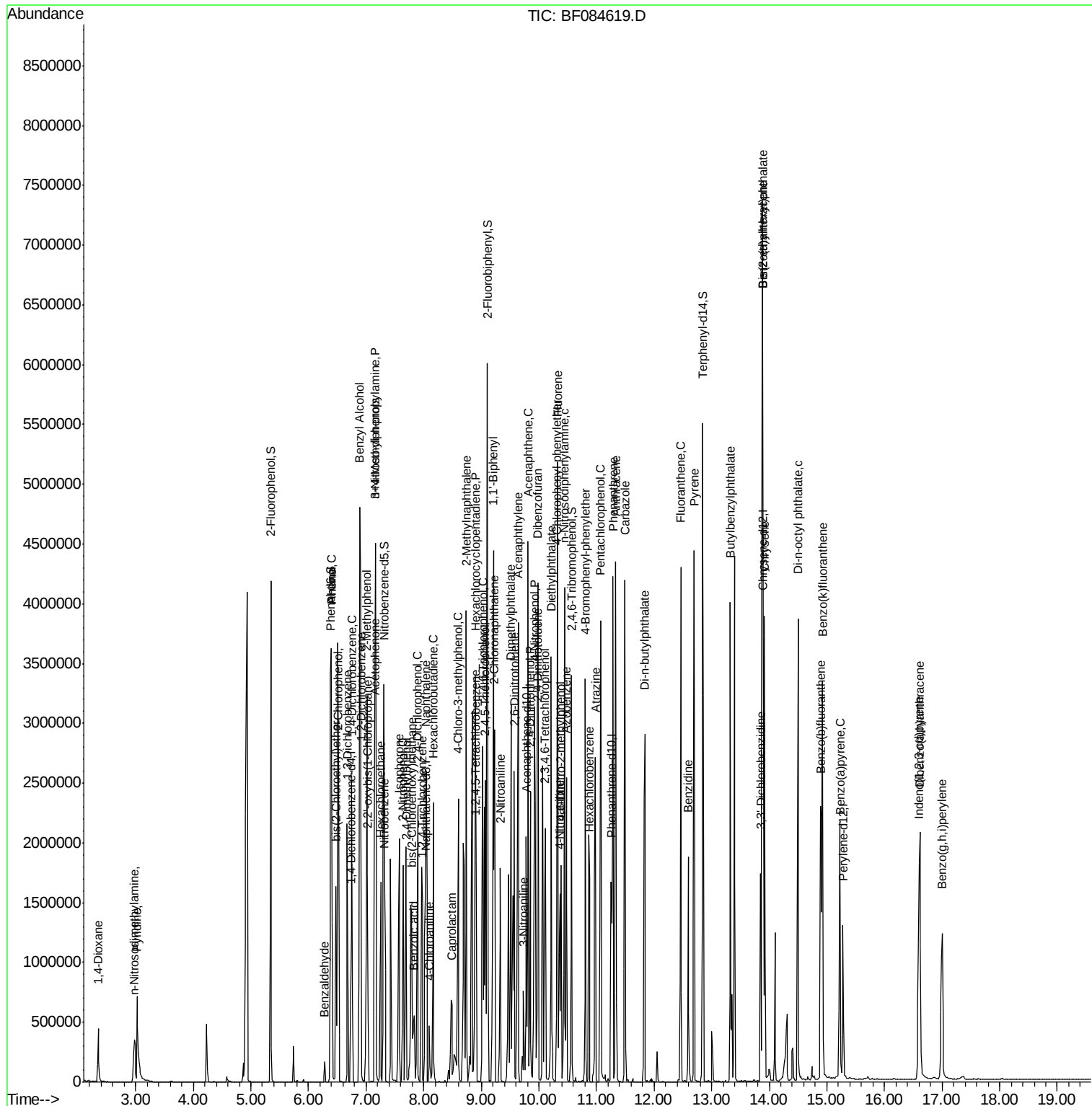
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012716\  
Data File : BF084619.D  
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Operator  : SJ/IZ  
Sample    : PB87993BS  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
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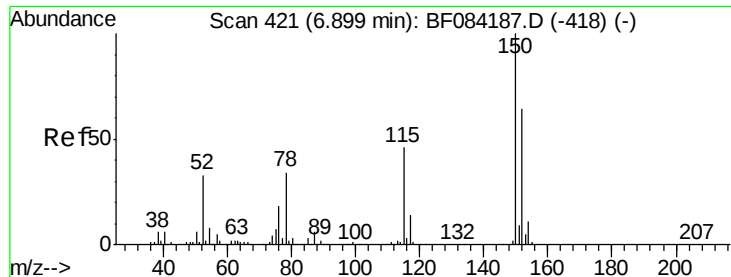
Instrument :
BNA_F
ClientSampleId :
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#1

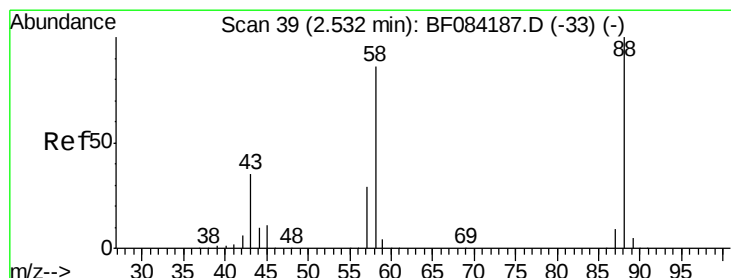
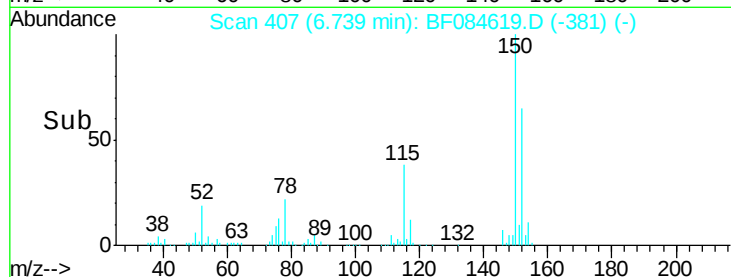
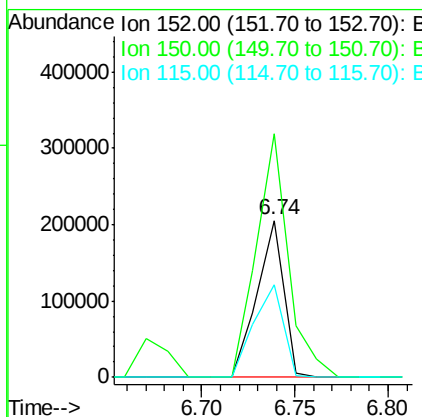
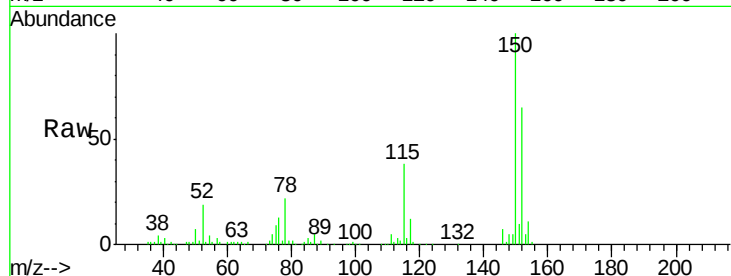
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.0	184.4
115	58.9	51.4	77.2

Manual Integrations
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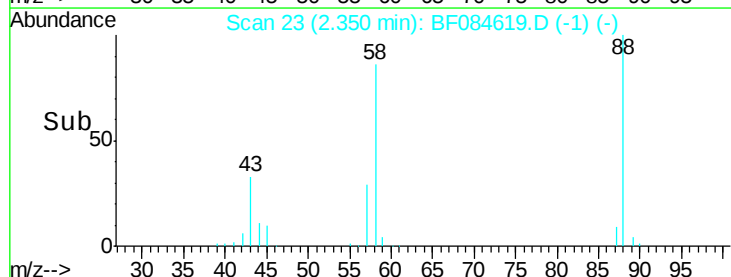
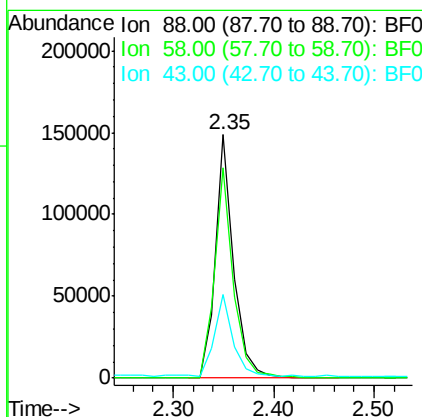
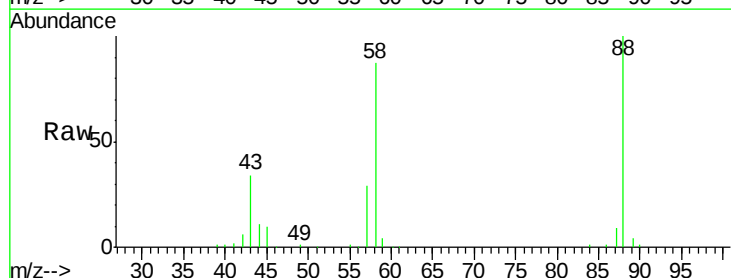
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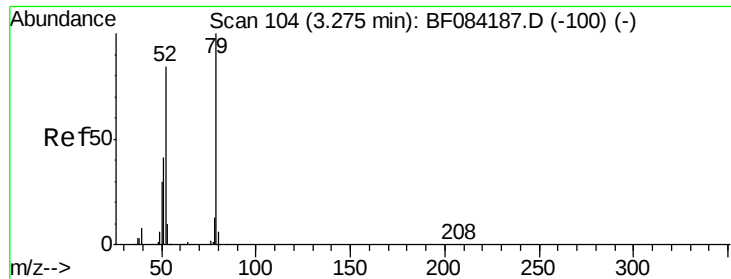


#2

1,4-Dioxane
Concen: 31.39 ng
RT: 2.35 min Scan# 23
Delta R.T. 0.10 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.0	51.2	76.8#
43	34.0	19.5	29.3#





#3

Pyridine

Concen: 24.98 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.09 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

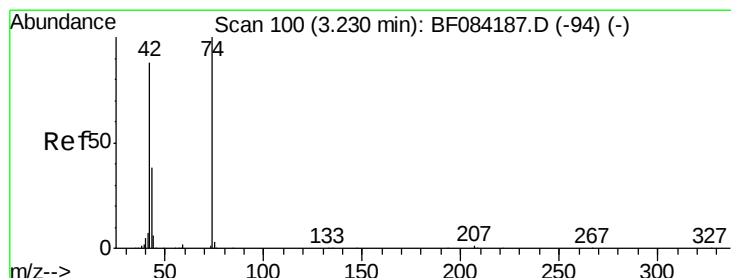
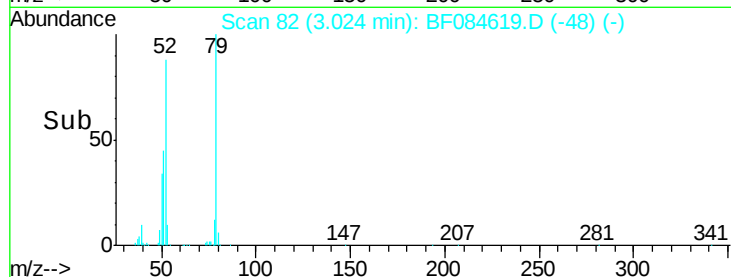
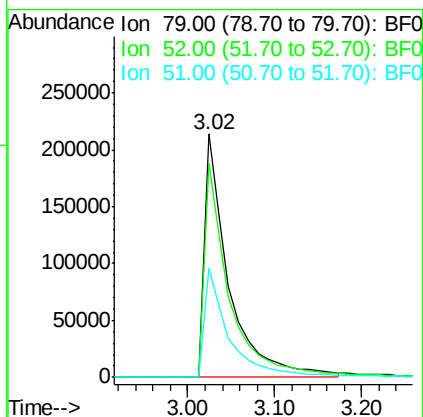
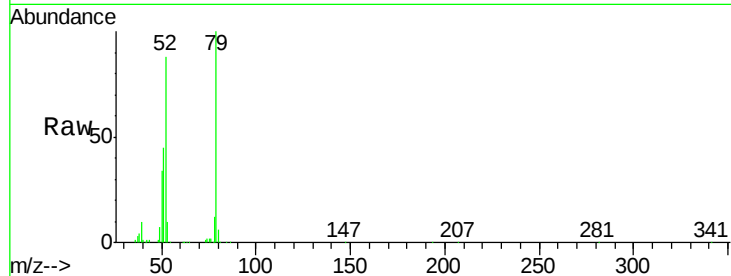
PB87993BS

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Tgt Ion	Ratio	Lower	Upper
79	100		
52	87.8	49.0	73.4#
51	44.8	25.2	37.8#



#4

n-Nitrosodimethylamine

Concen: 28.28 ng

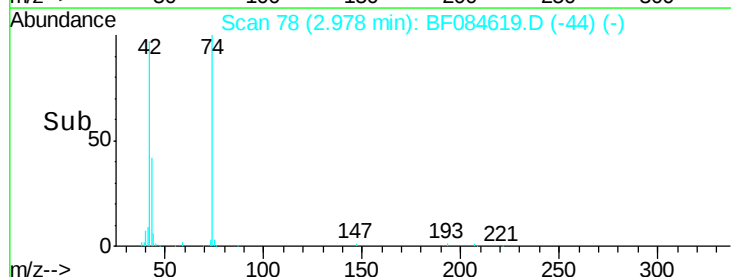
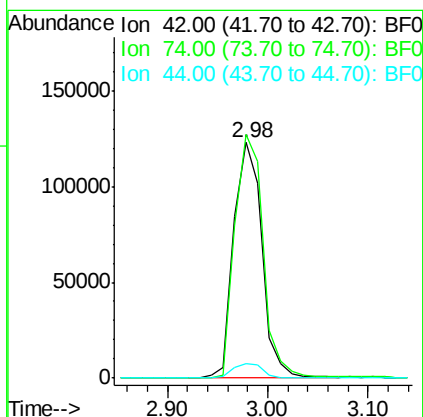
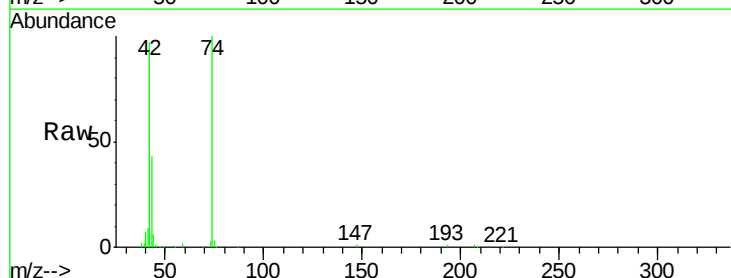
RT: 2.98 min Scan# 78

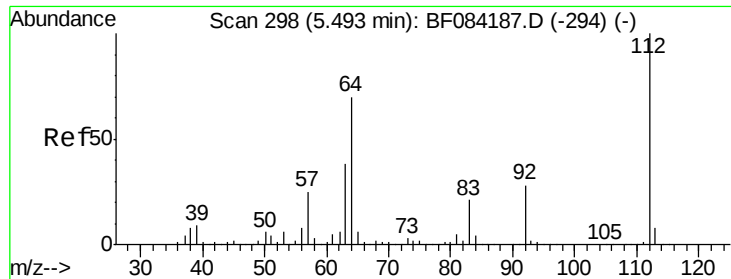
Delta R.T. 0.09 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	103.3	115.7	173.5#
44	6.2	5.1	7.7





#5

2-Fluorophenol

Concen: 85.43 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF084619.D

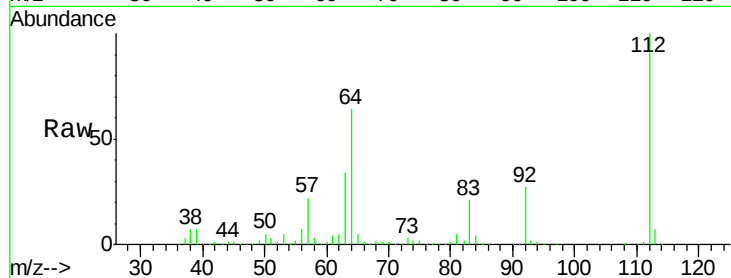
Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB87993BS



Tgt Ion: 112 Resp: 1070942

Ion Ratio Lower Upper

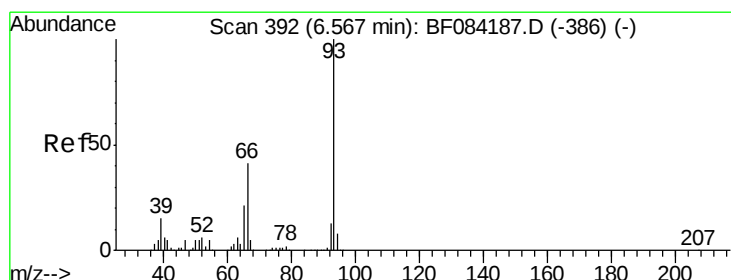
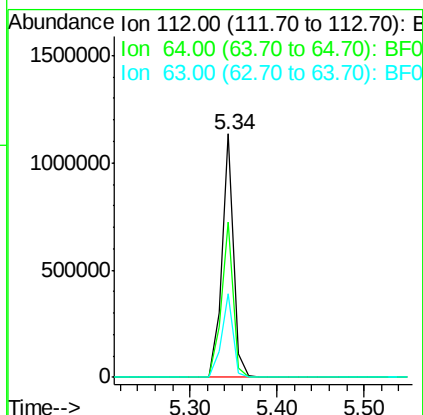
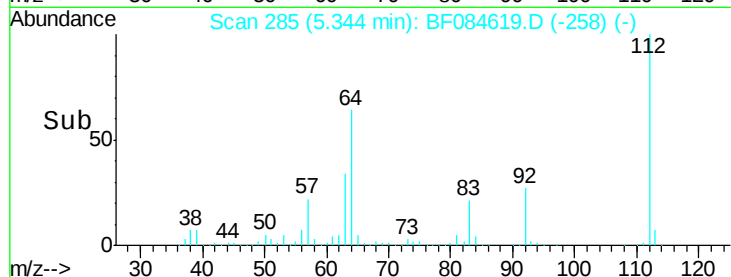
112 100

64 63.6 36.6 55.0#

63 34.1 19.4 29.0#

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#6

Aniline

Concen: 17.63 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

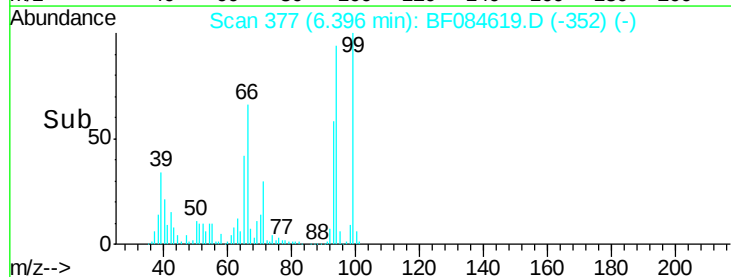
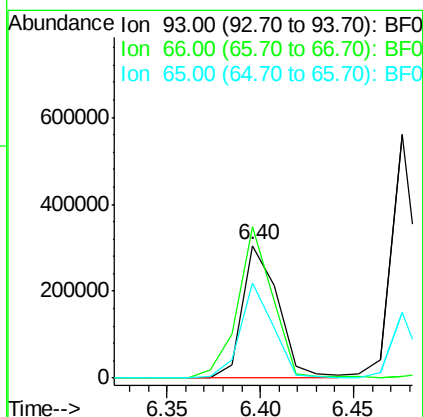
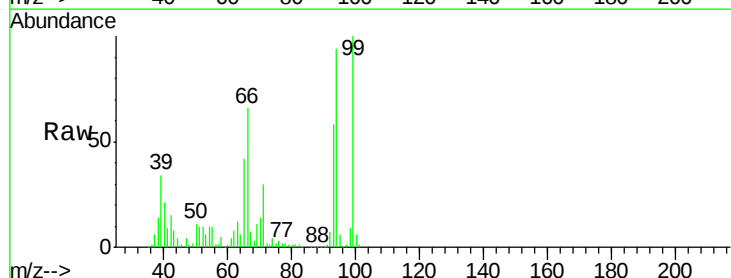
Tgt Ion: 93 Resp: 406091

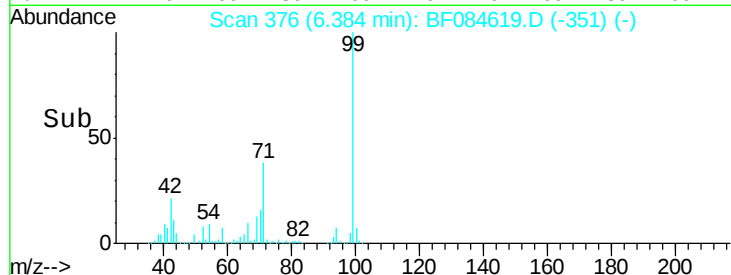
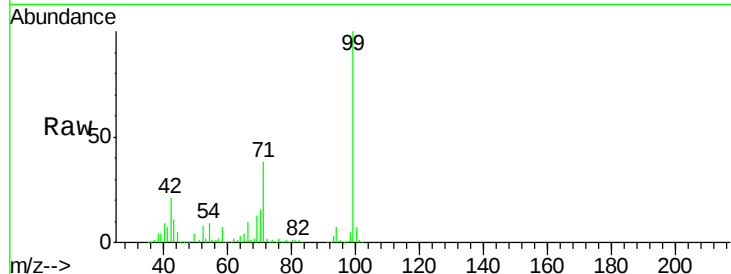
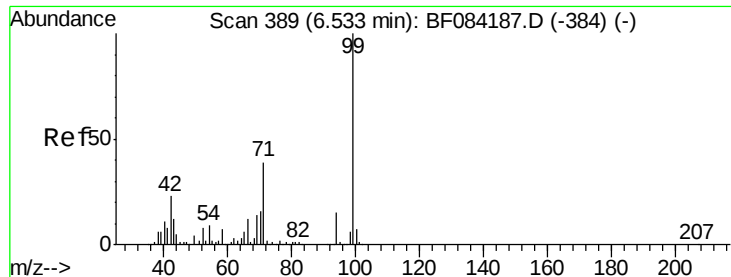
Ion Ratio Lower Upper

93 100

66 114.1 44.9 67.3#

65 72.1 23.7 35.5#





#7

Phenol-d6

Concen: 86.54 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Tgt Ion: 99 Resp: 1362549

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

71 37.6 30.9 46.3

Instrument :

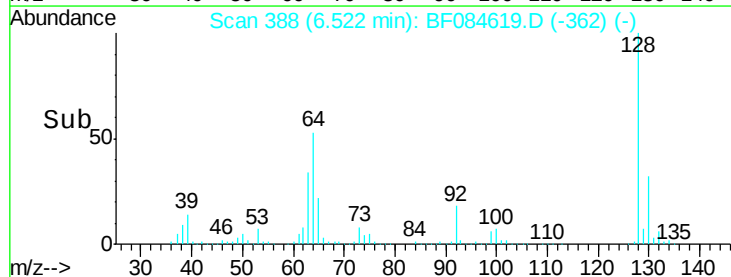
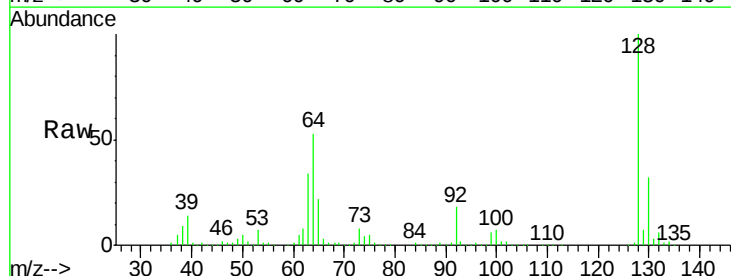
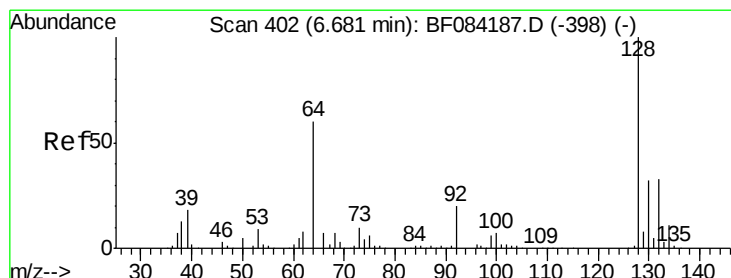
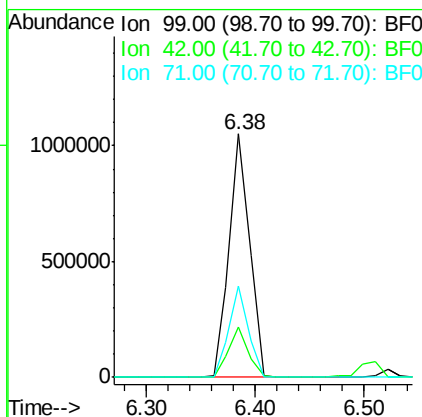
BNA_F

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#8

2-Chlorophenol

Concen: 40.37 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

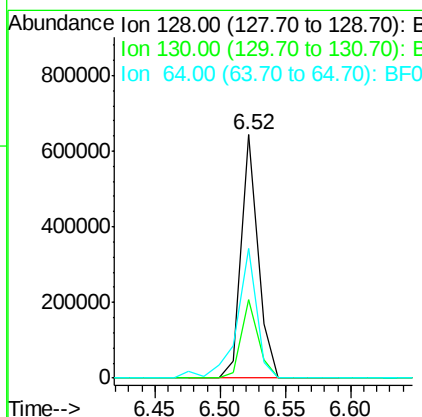
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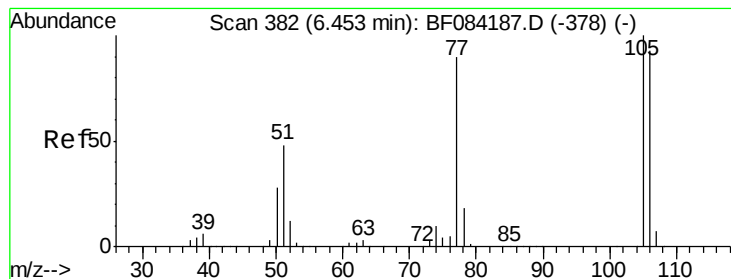
Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

64 53.5 23.8 63.8





#9

Benzaldehyde

Concen: 3.27 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

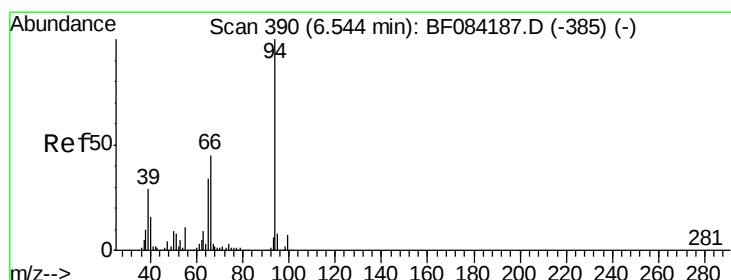
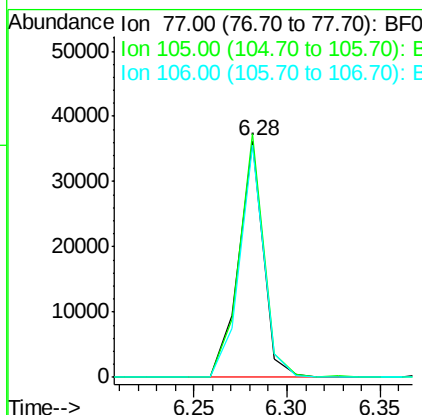
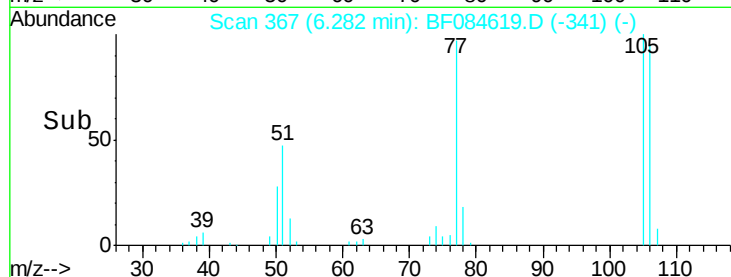
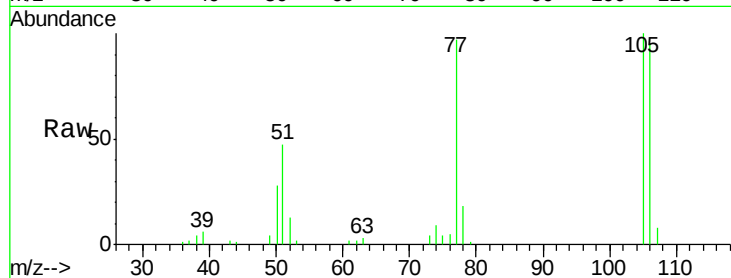
ClientSampleId :

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Manual Integrations
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Tgt Ion:	77	Resp:	33519
Ion	Ratio	Lower	Upper
77	100		
105	103.0	83.0	123.0
106	98.4	74.6	114.6



#10

Phenol

Concen: 36.13 ng

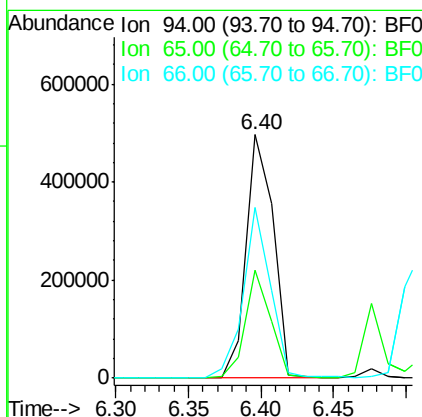
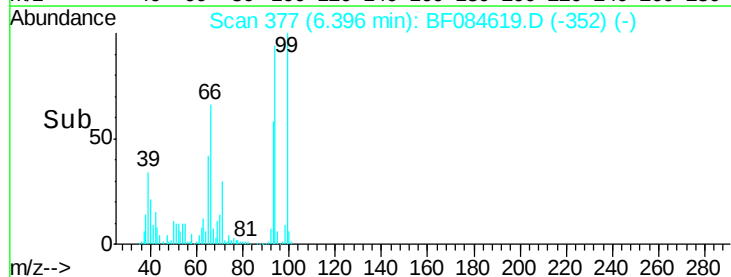
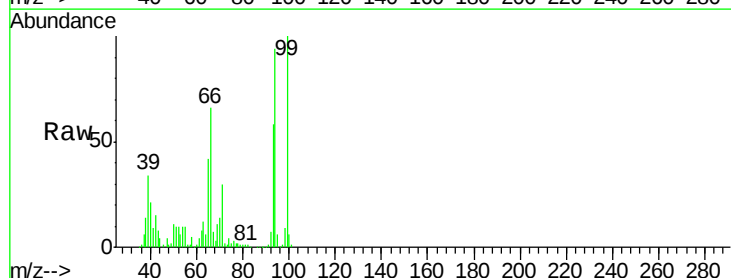
RT: 6.40 min Scan# 377

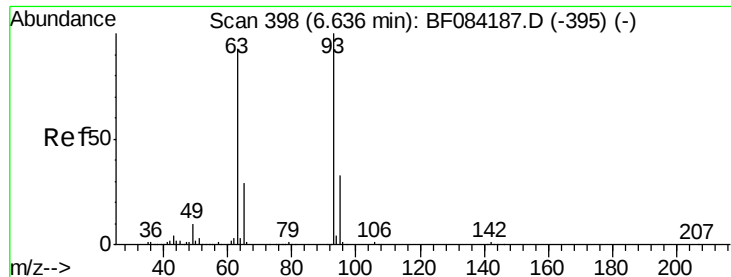
Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Tgt Ion:	94	Resp:	646736
Ion	Ratio	Lower	Upper
94	100		
65	44.2	12.9	52.9
66	69.9	32.7	72.7





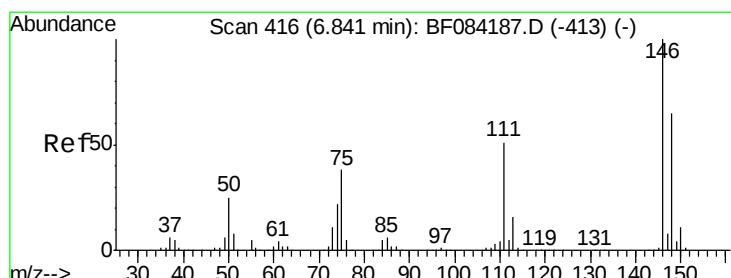
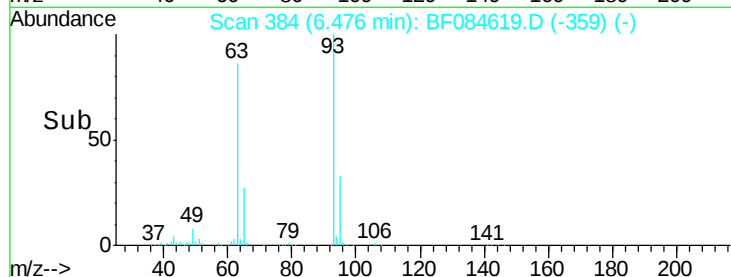
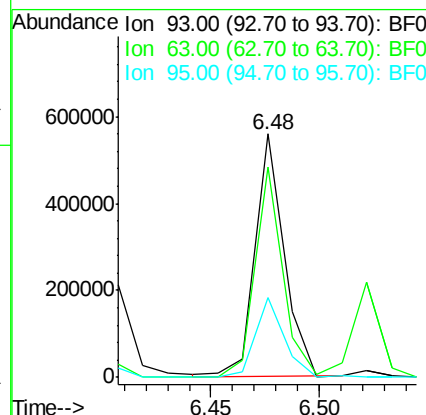
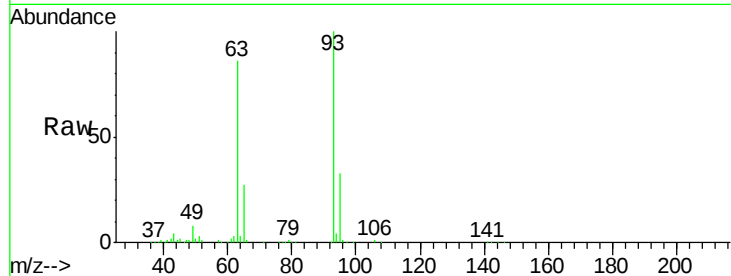
#11
bis(2-Chloroethyl)ether
Concen: 37.11 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	86.3	45.9	85.9#
95	32.6	12.3	52.3

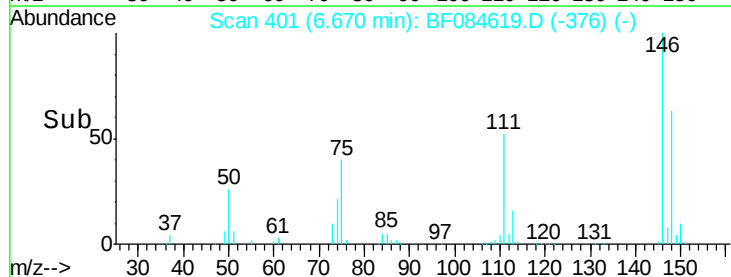
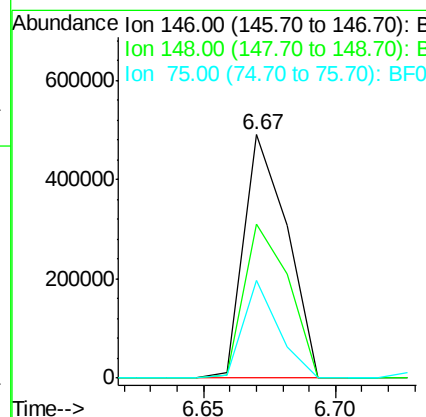
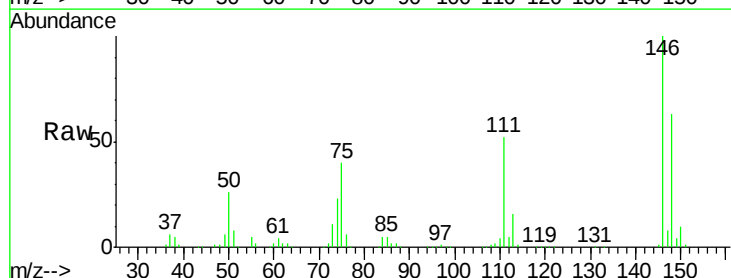
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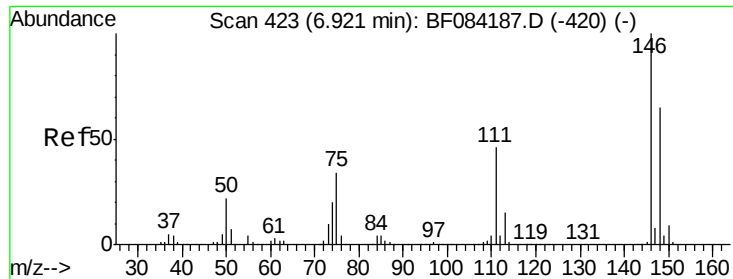
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#12
1,3-Dichlorobenzene
Concen: 37.84 ng m
RT: 6.67 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.0	51.9	77.9
75	40.3	20.5	30.7#





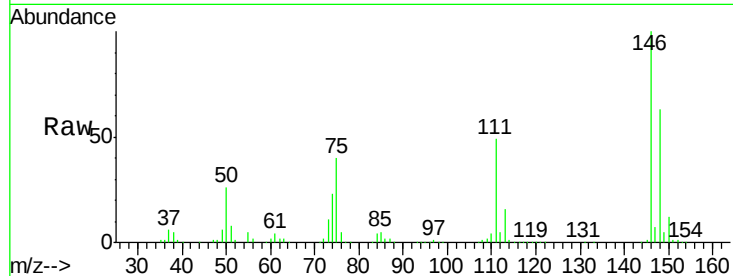
#13
1,4-Dichlorobenzene
Concen: 38.01 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

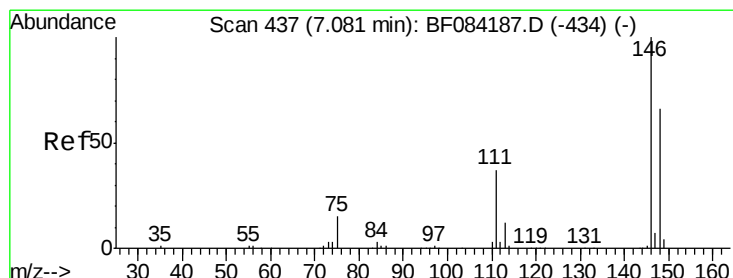
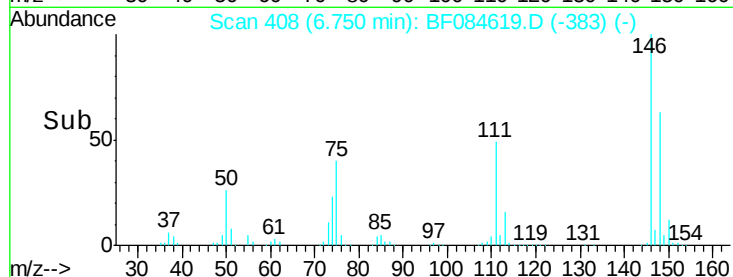
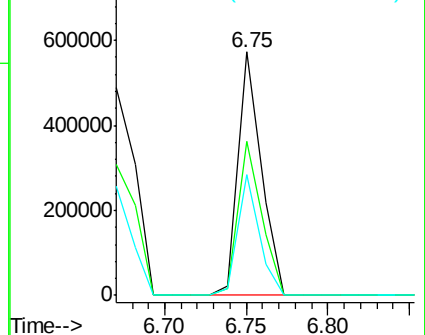
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	559194		
148	63.5	51.9	77.9	
111	49.3	41.6	62.4	

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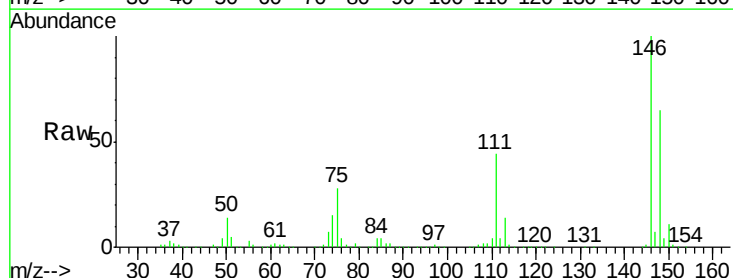


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

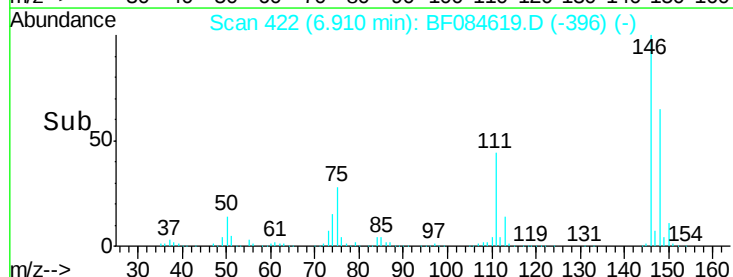
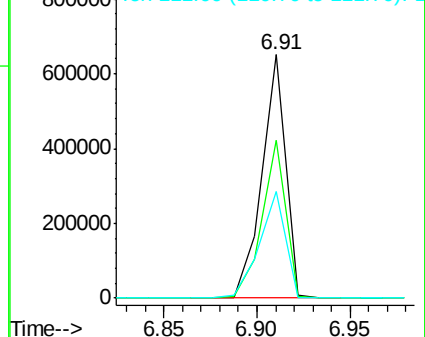


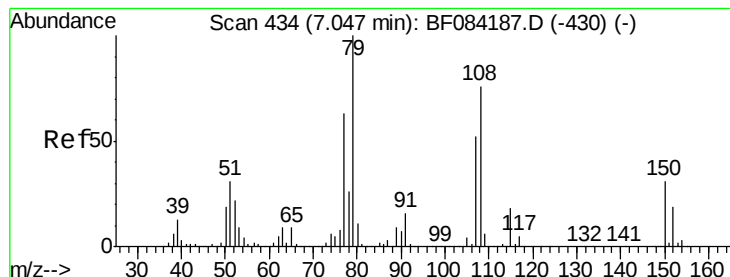
#14
1,2-Dichlorobenzene
Concen: 40.14 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	565542		
148	64.7	51.6	77.4	
111	43.6	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: 35.59 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084619.D

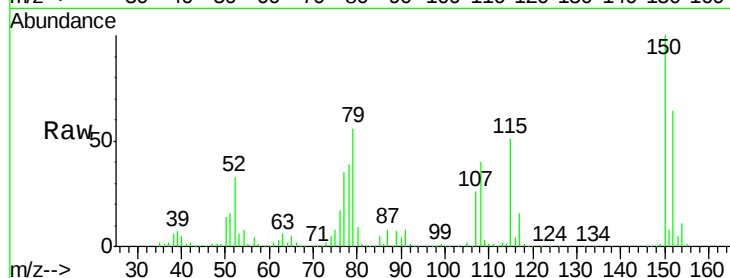
Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB87993BS



Tgt Ion: 79 Resp: 471411

Ion Ratio Lower Upper

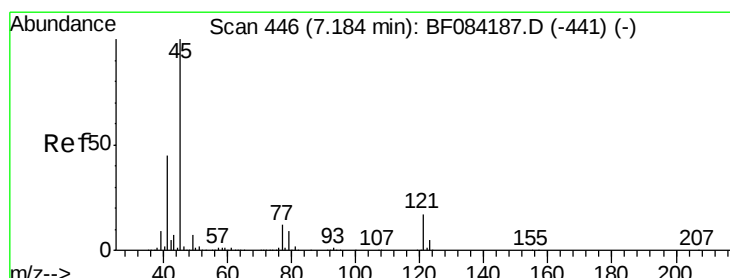
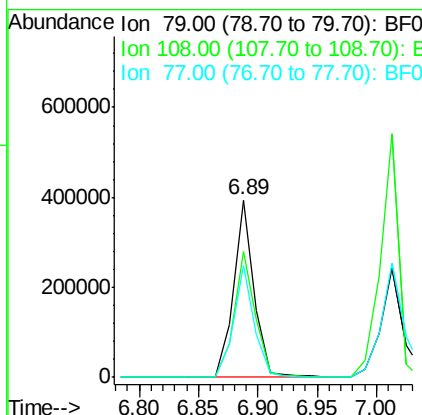
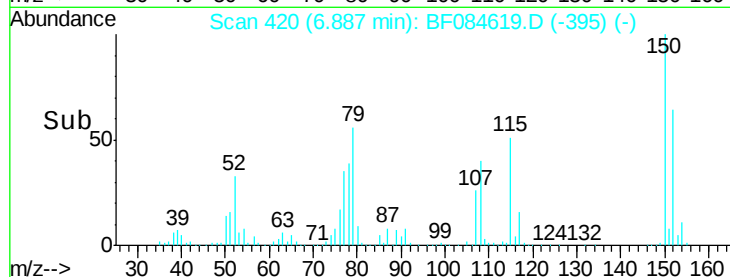
79 100

108 71.0 69.0 103.4

77 62.8 50.0 75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.58 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

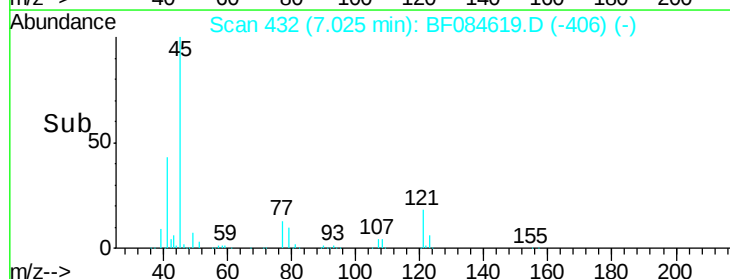
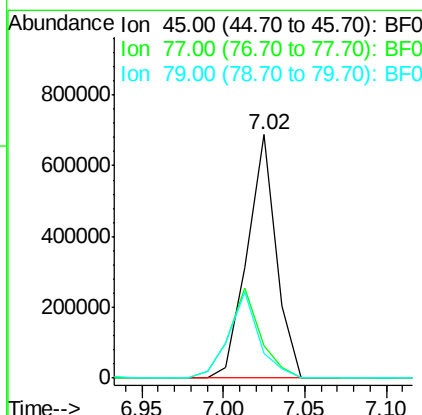
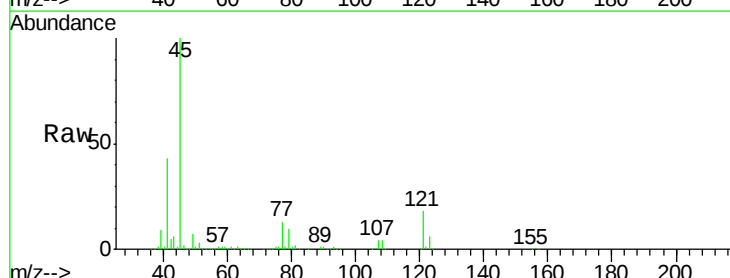
Tgt Ion: 45 Resp: 848043

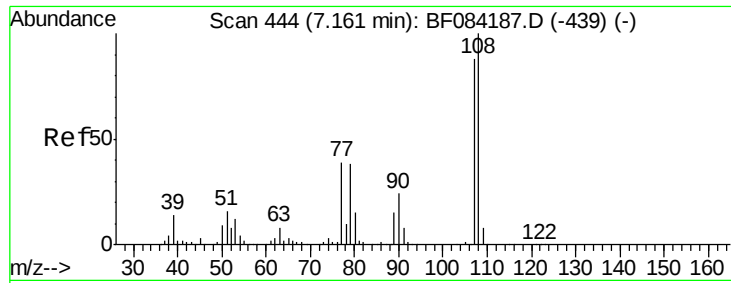
Ion Ratio Lower Upper

45 100

77 13.4 0.0 39.6

79 10.3 0.0 35.0





#17

2-Methylphenol

Concen: 42.11 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF084619.D

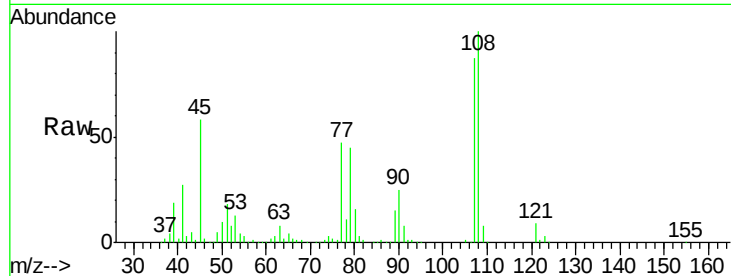
Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB87993BS



Tgt Ion:107 Resp: 501928

Ion Ratio Lower Upper

107 100

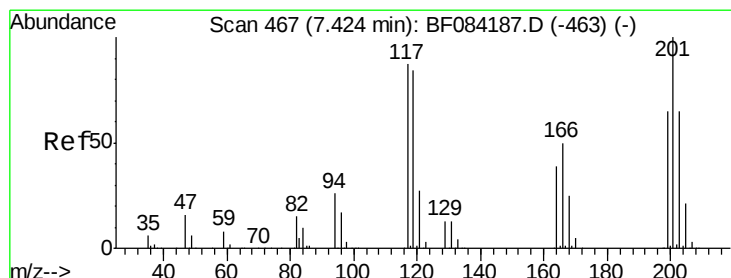
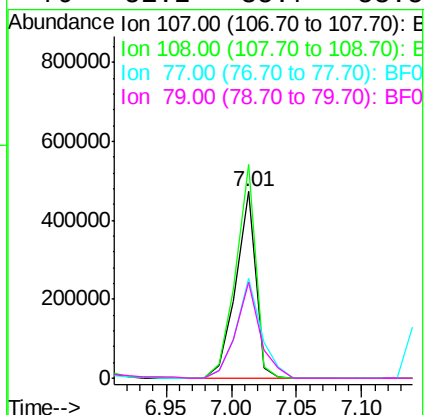
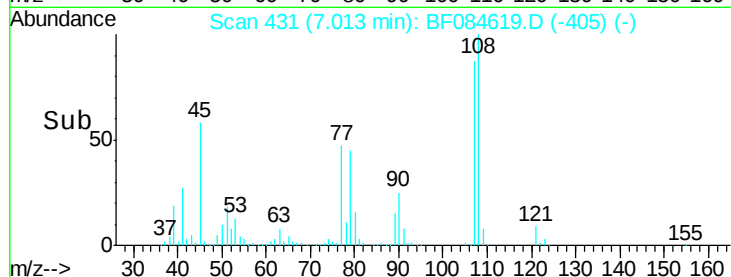
108 114.5 89.8 134.6

77 53.6 35.7 53.5

79 51.2 35.7 53.5

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#18

Hexachloroethane

Concen: 39.09 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

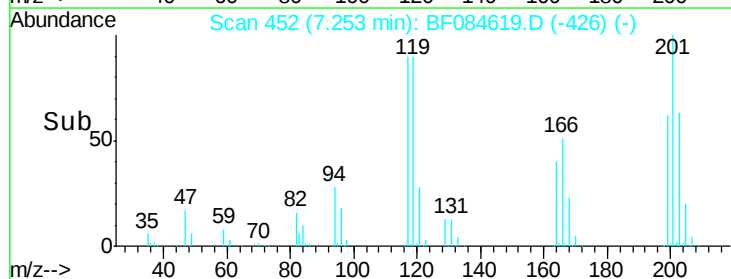
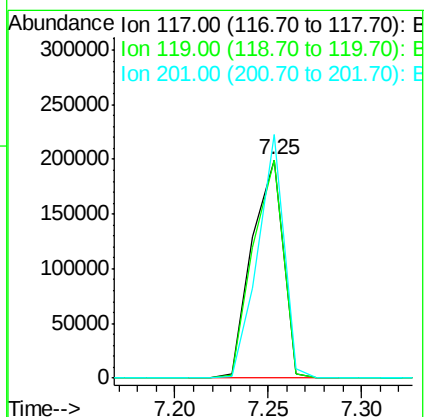
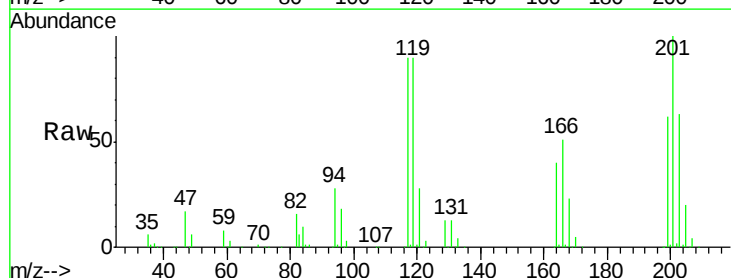
Tgt Ion:117 Resp: 230002

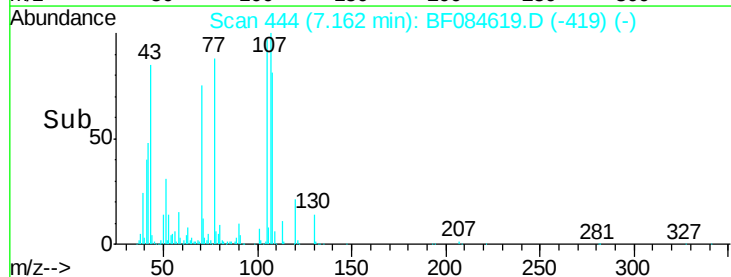
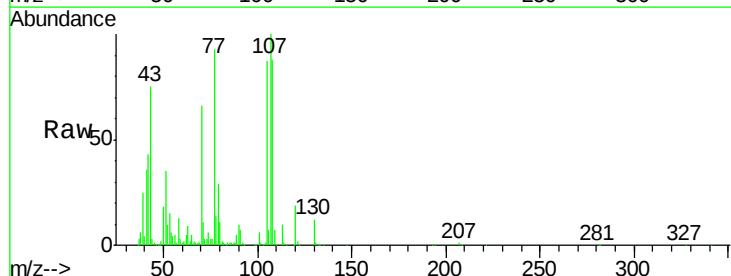
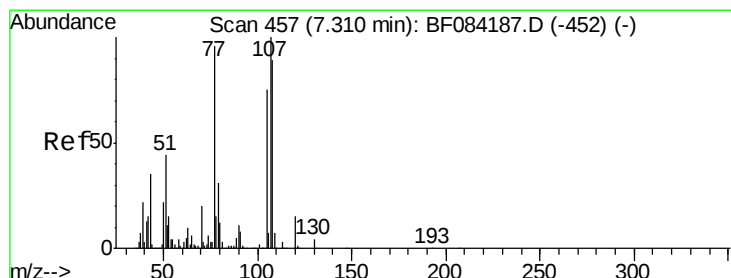
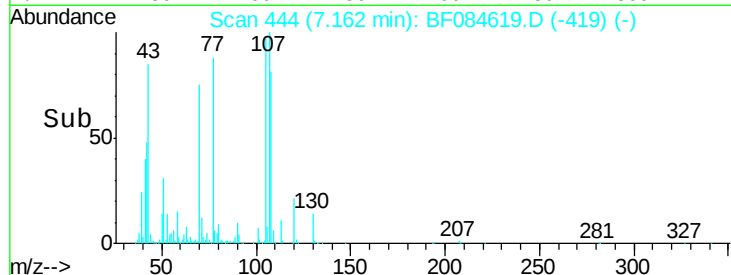
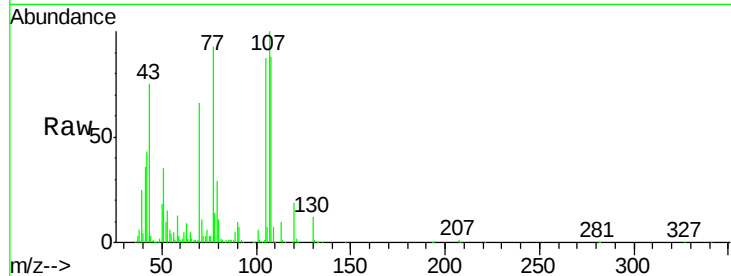
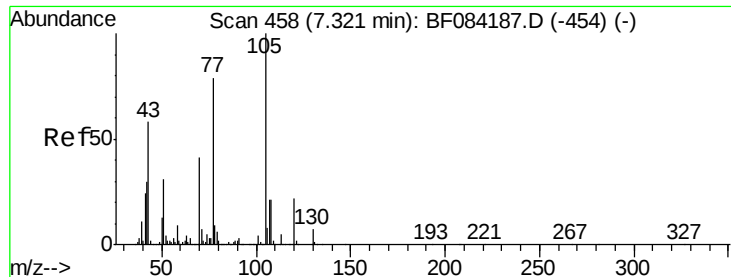
Ion Ratio Lower Upper

117 100

119 100.1 77.4 116.0

201 111.7 68.6 103.0





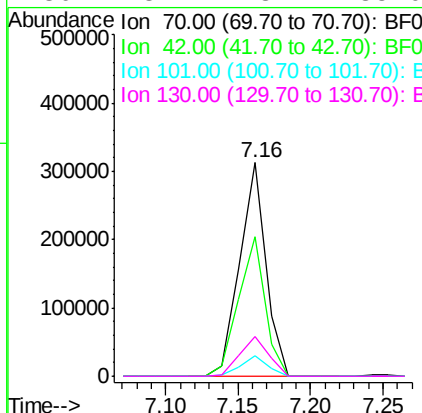
#19
n-Nitroso-di-n-propylamine
Concen: 36.73 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	65.1	33.3	49.9#
101	9.4	9.3	13.9
130	18.4	23.4	35.0#

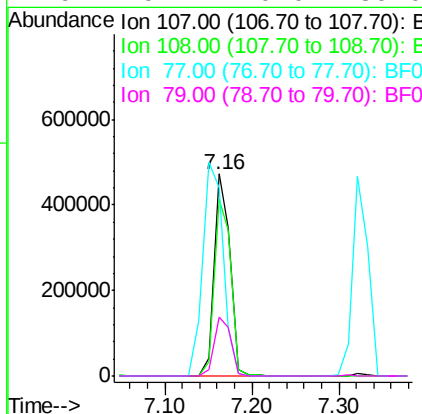
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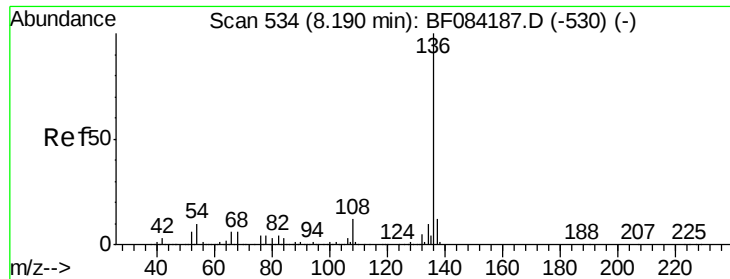
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#20
3+4-Methylphenols
Concen: 43.41 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

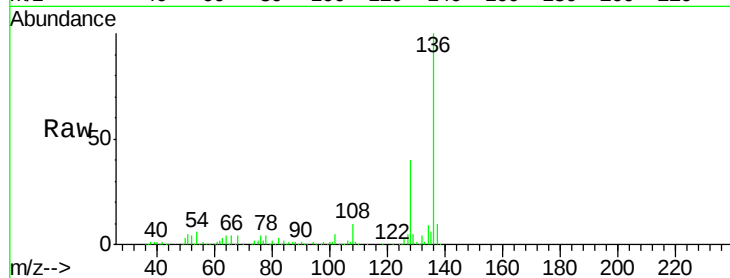
Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	87.5	74.6	114.6
77	93.4	0.7	40.7#
79	29.1	0.0	39.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

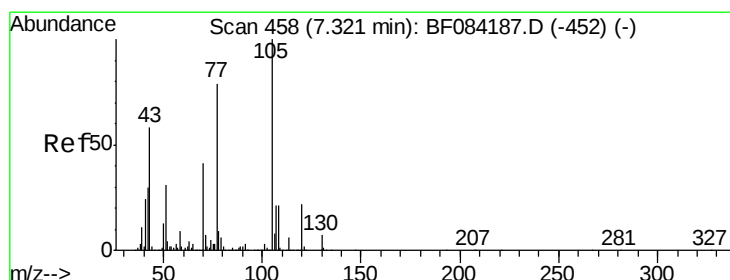
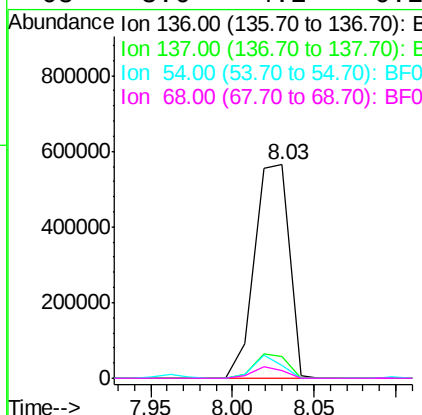
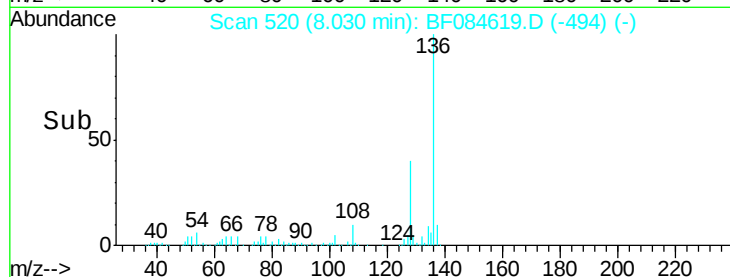
Instrument :
BNA_F
ClientSampleId :
PB87993BS



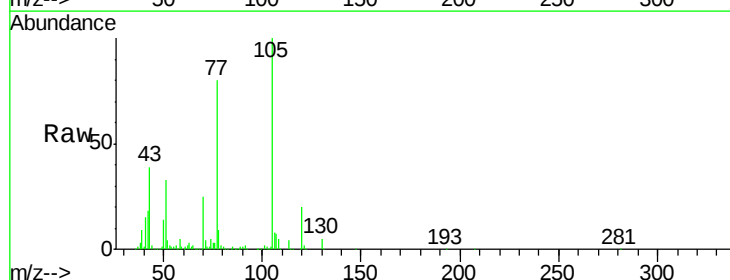
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	835043		
137	10.4	8.7	13.1	
54	6.0	5.8	8.8	
68	3.6	4.2	6.2#	

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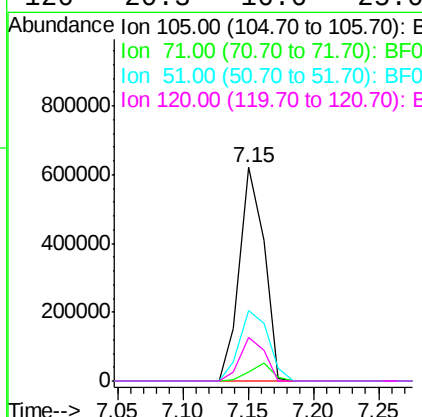
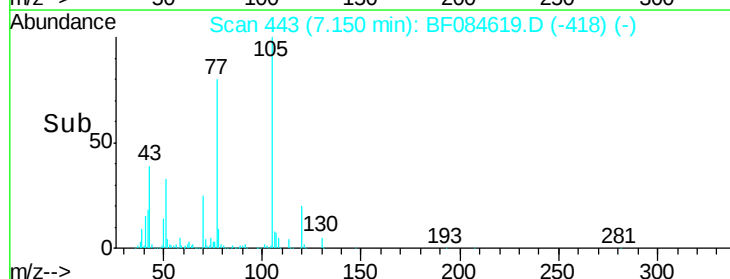
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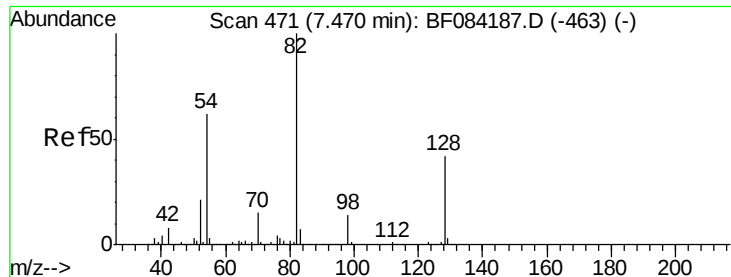


#22
Acetophenone
Concen: 40.79 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	819040		
71	4.2	3.7	5.5	
51	32.8	25.1	37.7	
120	20.3	16.6	25.0	





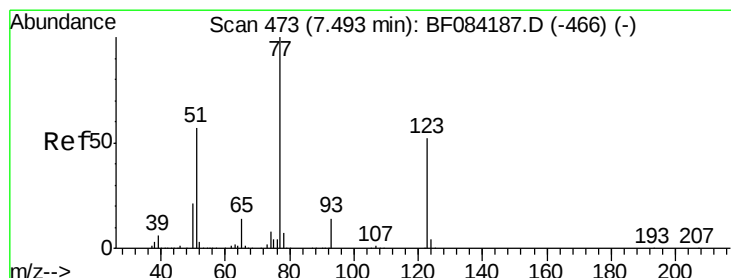
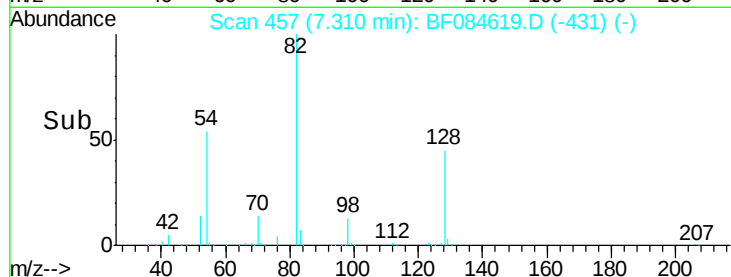
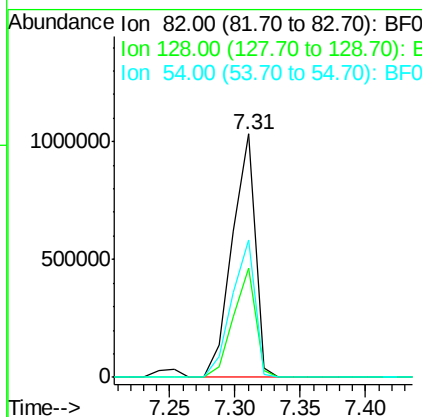
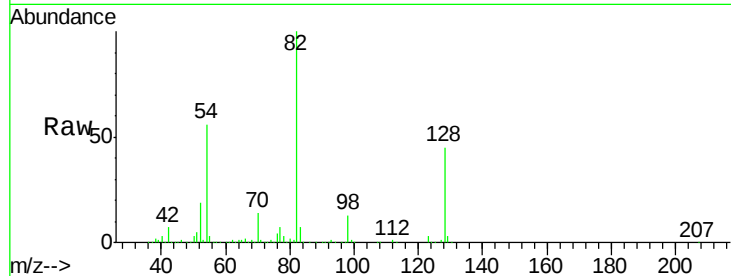
#23
 Nitrobenzene-d5
 Concen: 83.62 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	56.3	38.4	57.6

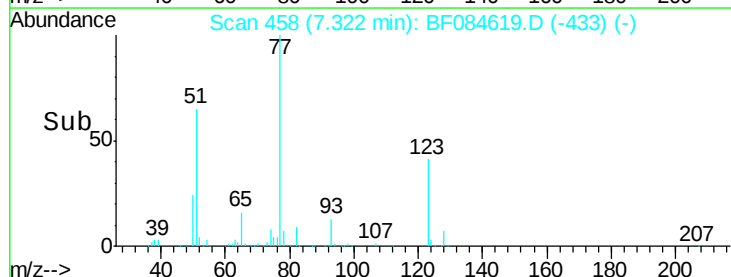
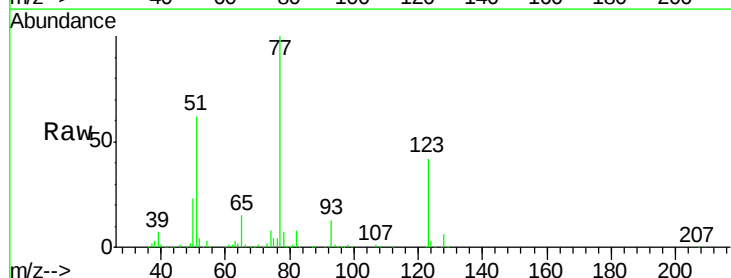
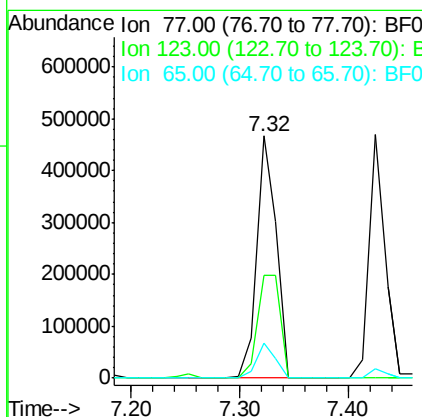
Manual Integrations
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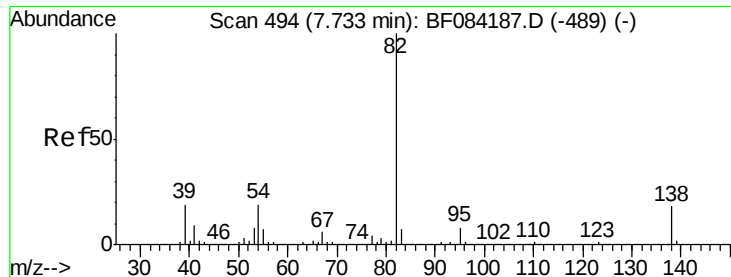
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#24
 Nitrobenzene
 Concen: 38.46 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.3	37.4	56.2
65	14.6	10.9	16.3





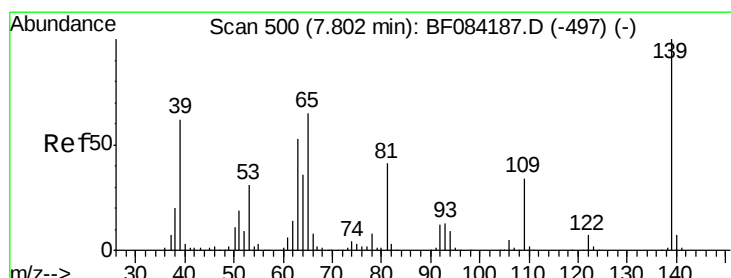
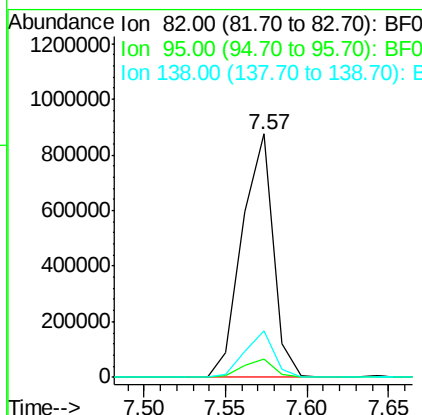
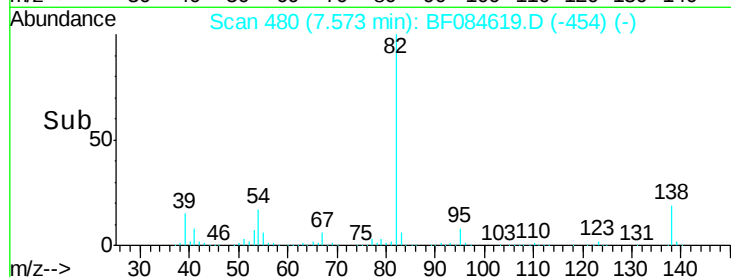
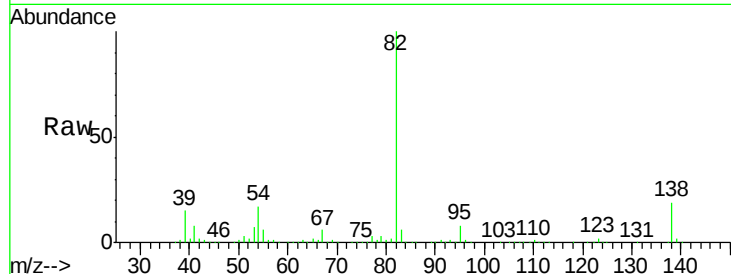
#25
Isophorone
Concen: 40.34 ng
RT: 7.57 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion: 82 Resp: 1157696
Ion Ratio Lower Upper
82 100
95 7.7 6.6 10.0
138 19.1 13.6 20.4

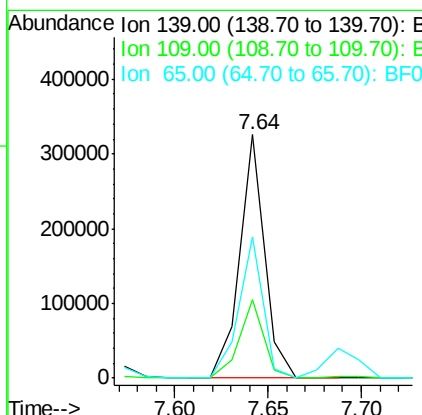
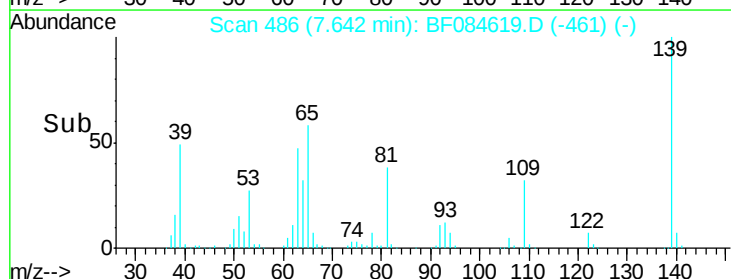
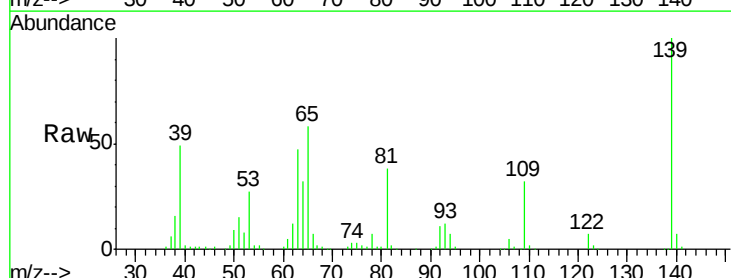
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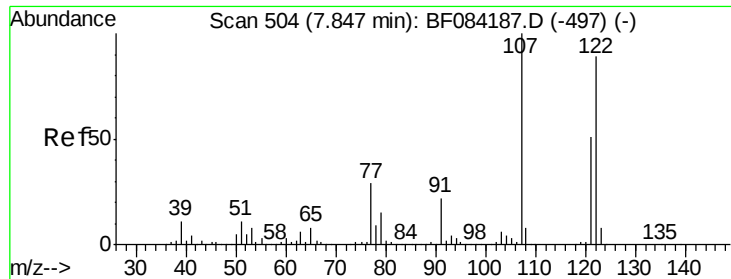
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#26
2-Nitrophenol
Concen: 44.09 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion: 139 Resp: 305357
Ion Ratio Lower Upper
139 100
109 32.2 25.4 38.2
65 58.1 32.3 48.5#





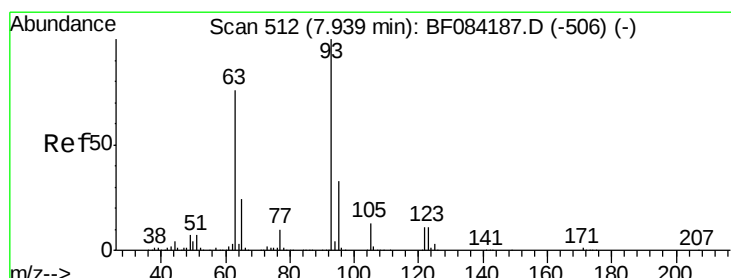
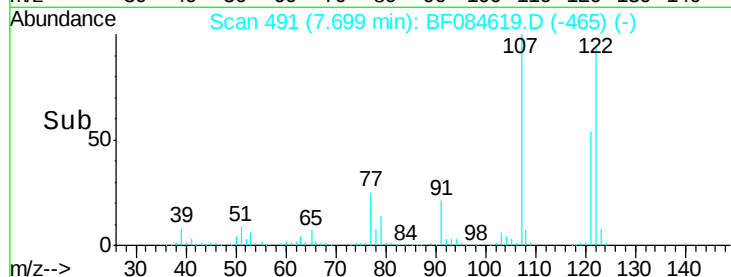
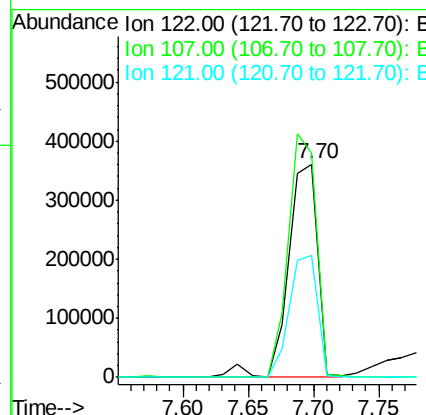
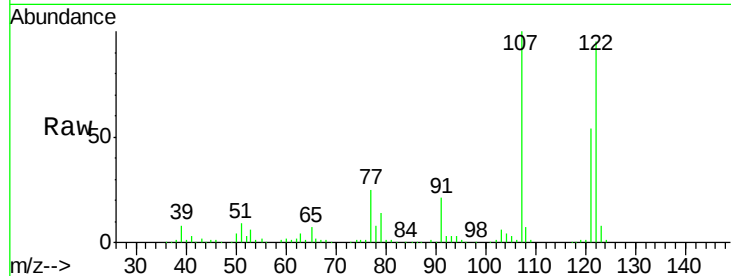
#27
2,4-Dimethylphenol
Concen: 40.84 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampled :
PB87993BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	105.4	99.1	148.7
121	57.2	47.9	71.9

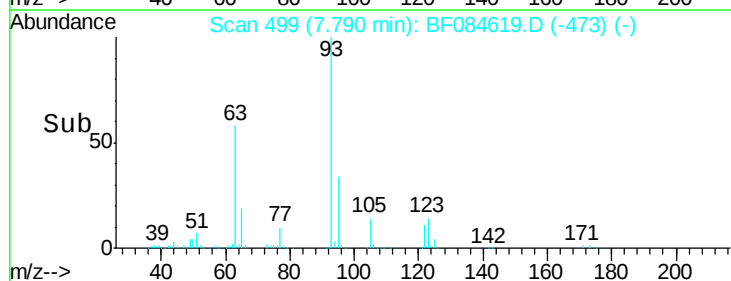
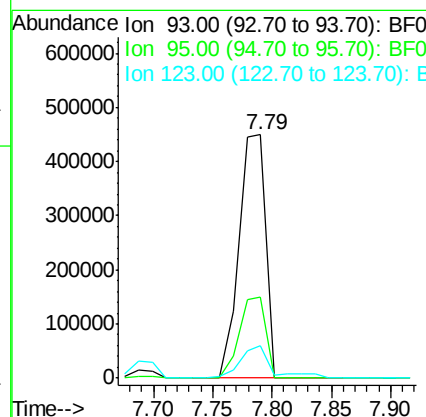
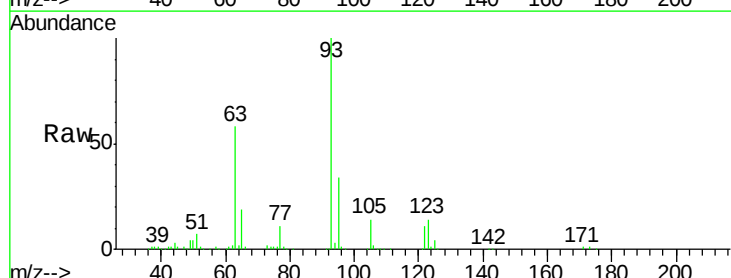
Manual Integrations
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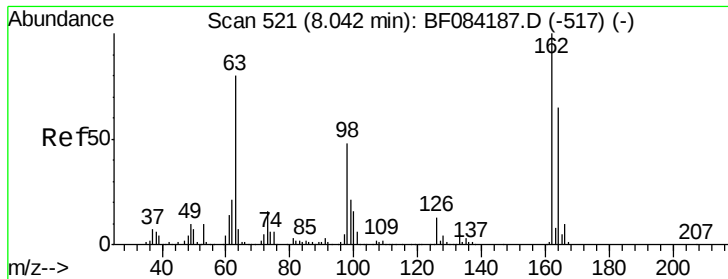
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#28
bis(2-Chloroethoxy)methane
Concen: 40.20 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.8	38.6
123	13.6	8.6	12.8#





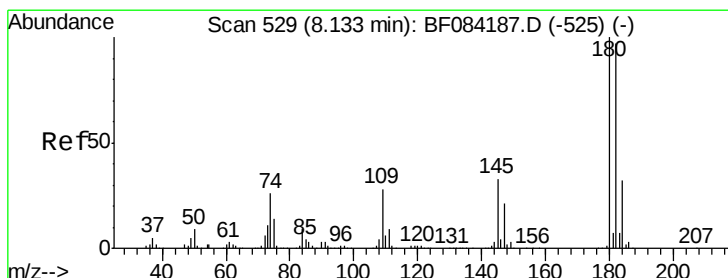
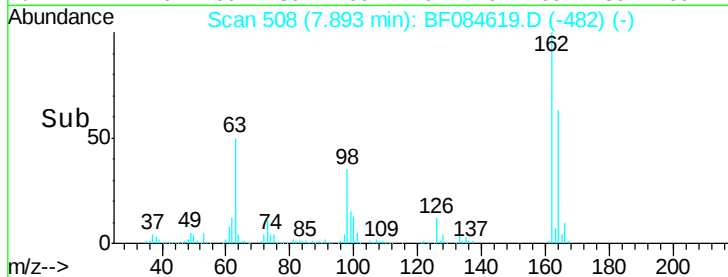
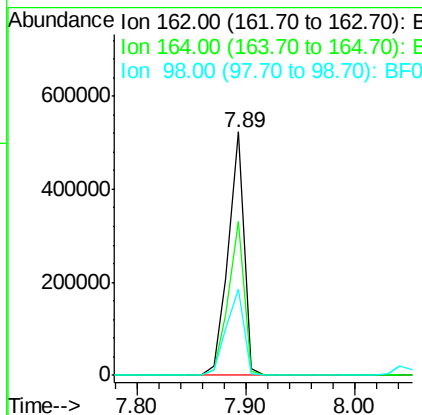
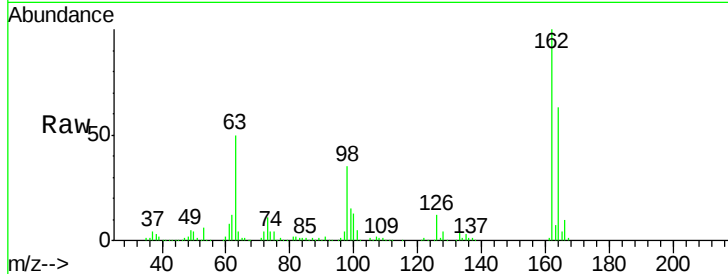
#29
2,4-Dichlorophenol
Concen: 45.18 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	527617		
164	63.2	44.1	84.1	
98	35.3	20.2	60.2	

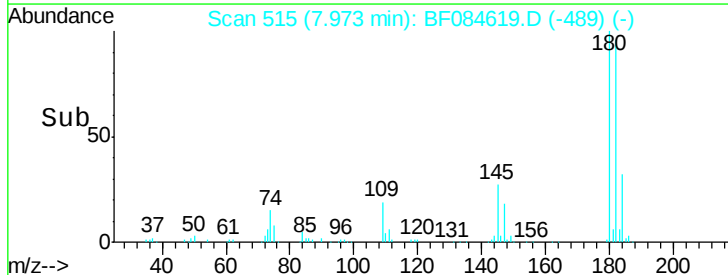
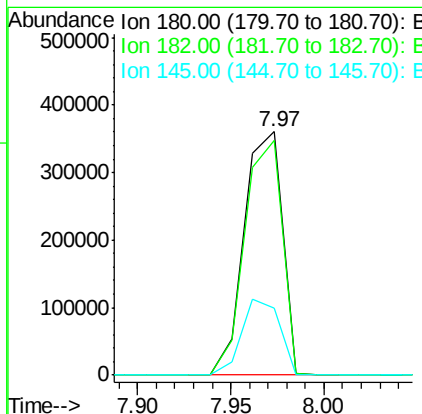
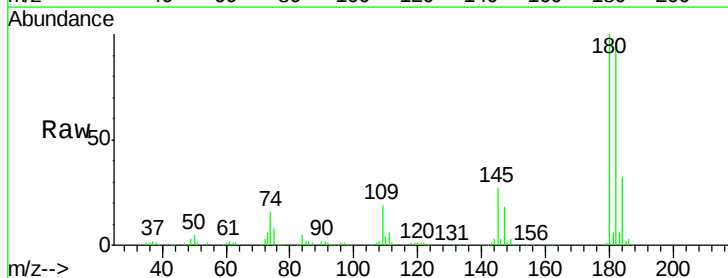
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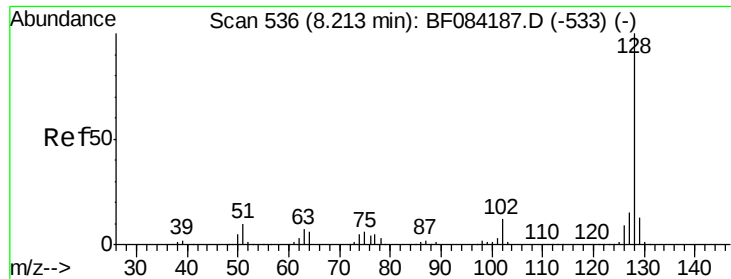
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#30
1,2,4-Trichlorobenzene
Concen: 42.35 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	510599		
182	96.2	76.4	114.6	
145	27.3	31.6	47.4	





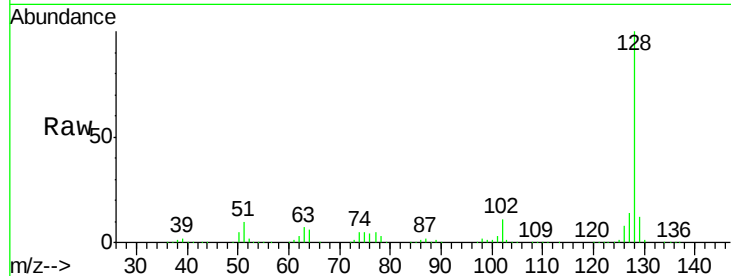
#31
Naphthalene
Concen: 41.29 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

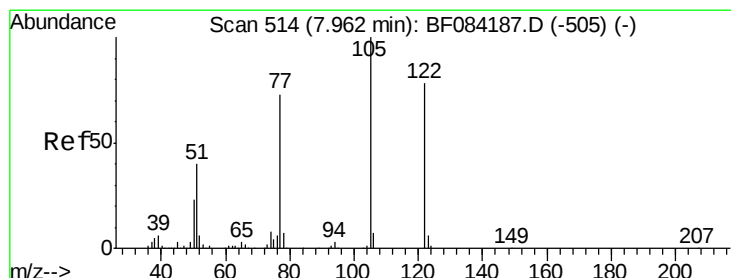
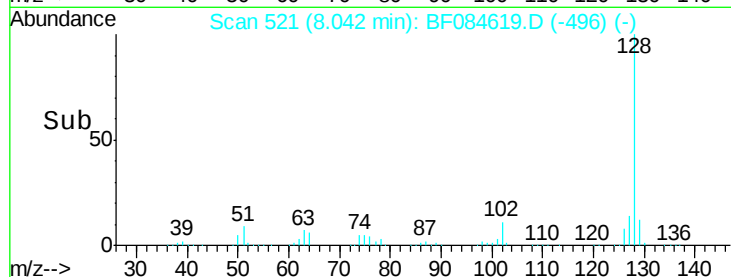
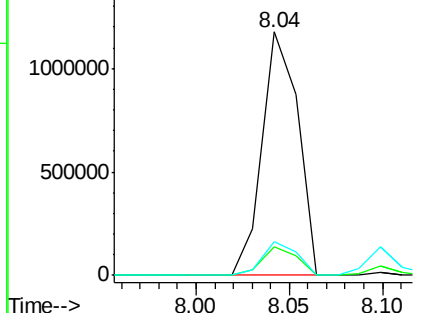
Tgt Ion:128 Resp: 1564202
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.8 11.1 16.7

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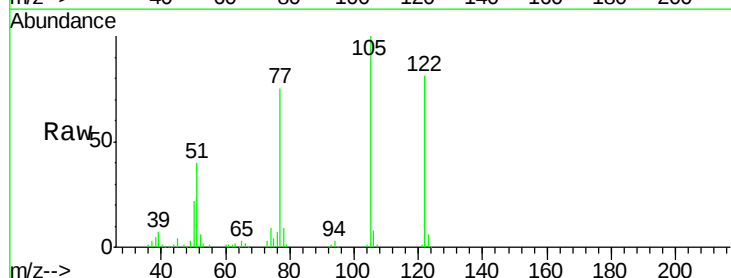


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

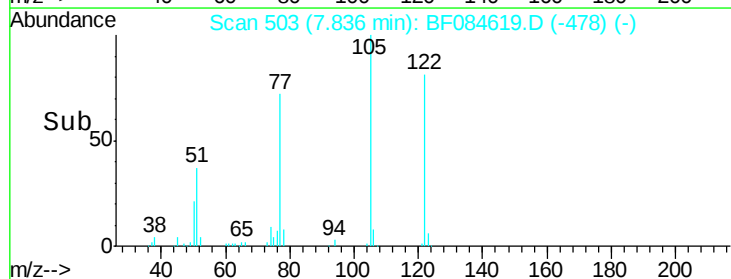
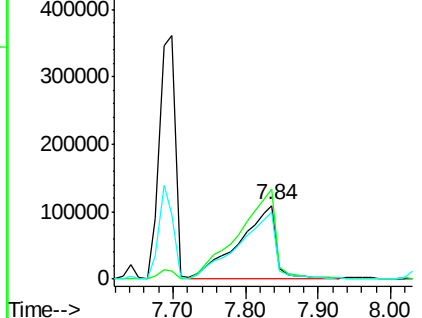


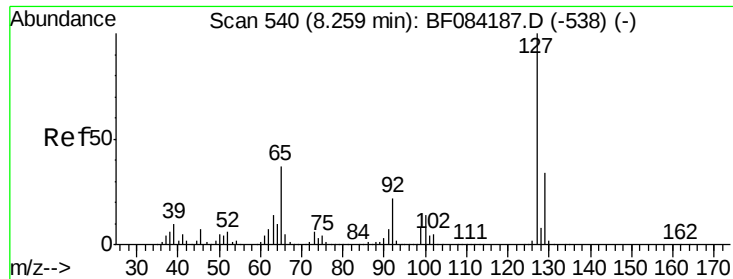
#32
Benzoic acid
Concen: 43.19 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:122 Resp: 383008
Ion Ratio Lower Upper
122 100
105 123.0 100.3 140.3
77 91.7 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





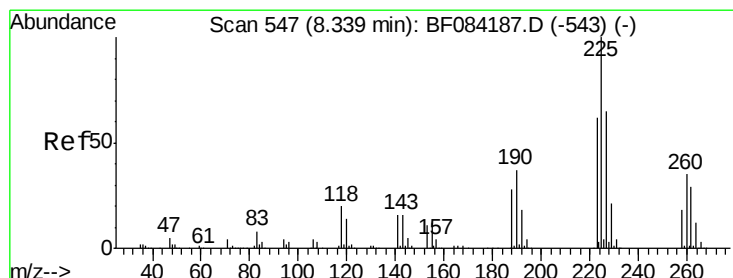
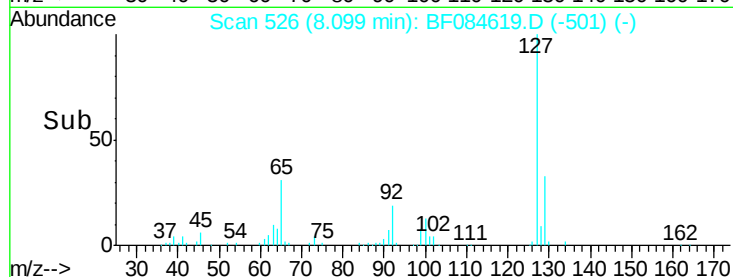
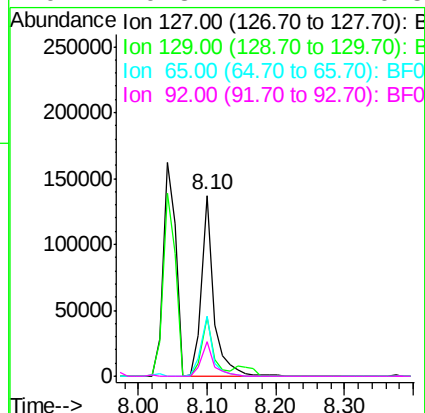
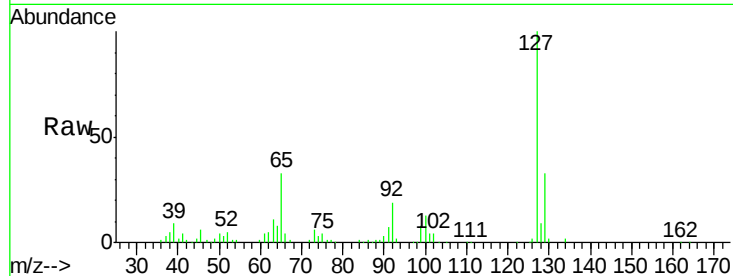
#33
4-Chloroaniline
Concen: 9.64 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	167414		
129	32.8	26.5	39.7	
65	33.0	27.2	40.8	
92	19.3	17.7	26.5	

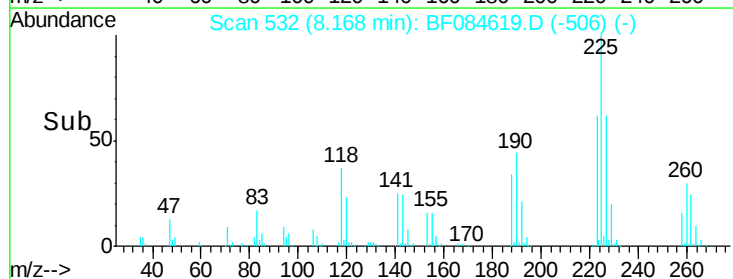
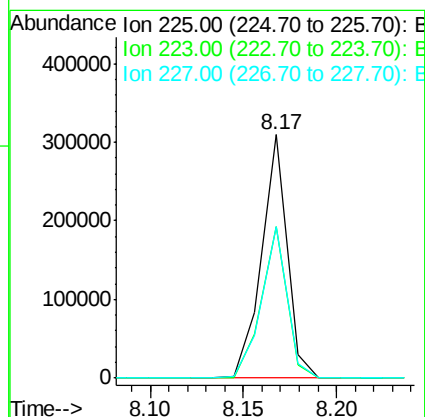
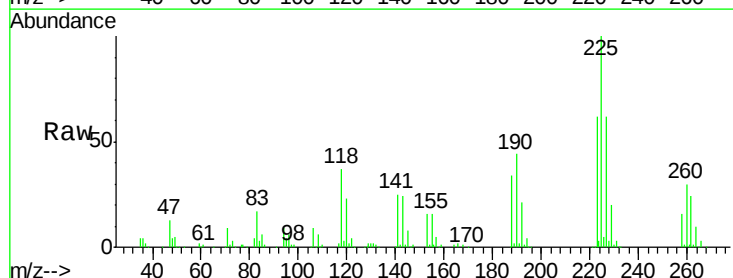
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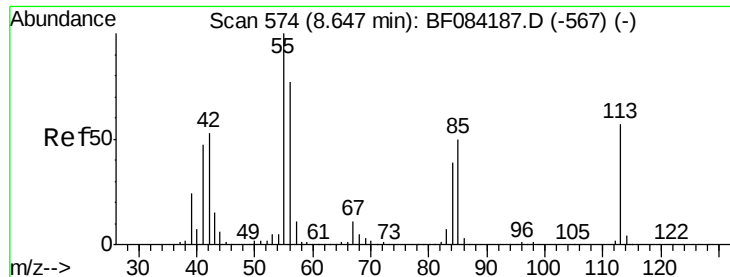
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#34
Hexachlorobutadiene
Concen: 42.01 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	291108		
223	62.2	49.4	74.0	
227	62.1	50.8	76.2	





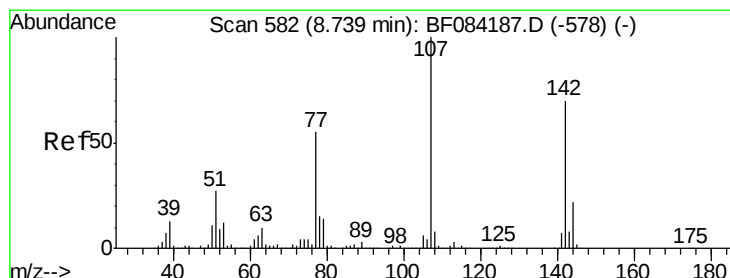
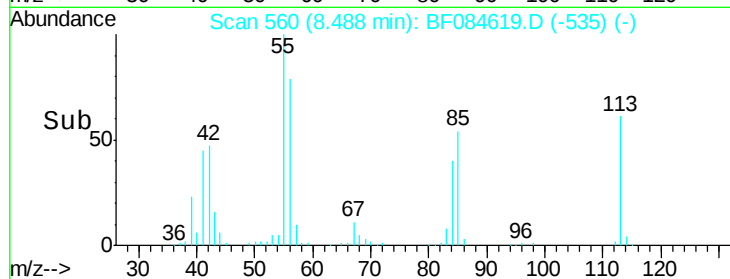
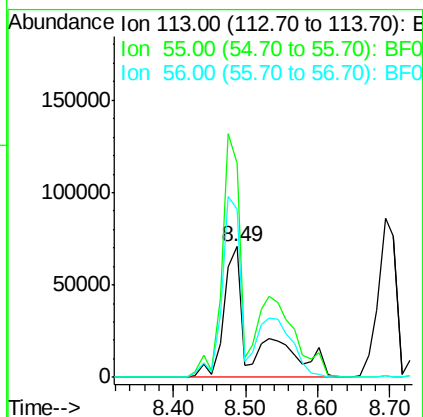
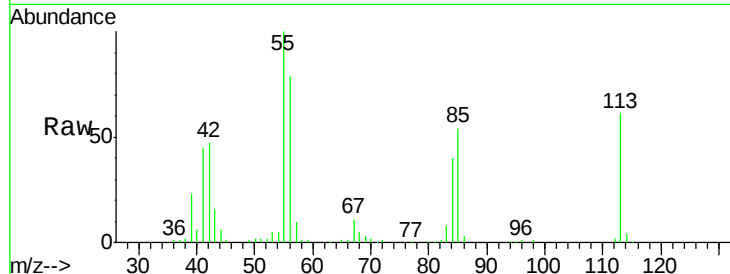
#35
 Caprolactam
 Concen: 51.36 ng m
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BS

Tgt Ion:113 Resp: 202204
 Ion Ratio Lower Upper
 113 100
 55 163.8 116.9 156.9#
 56 128.9 93.8 133.8

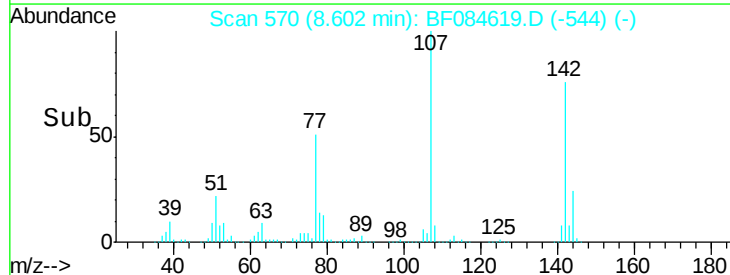
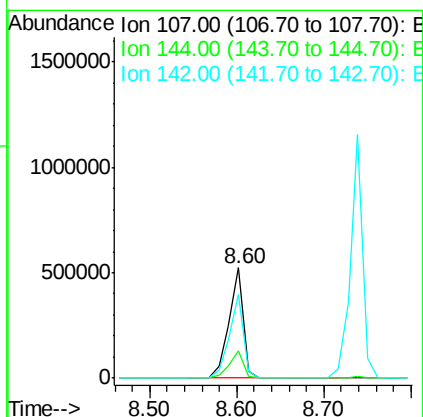
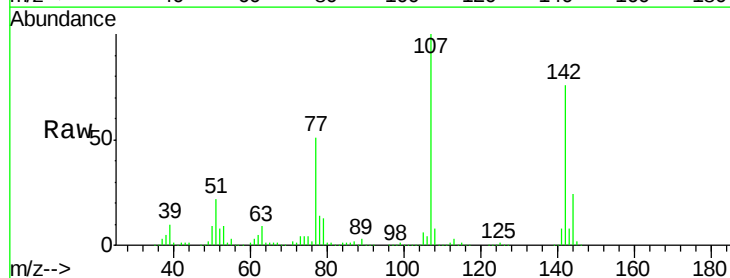
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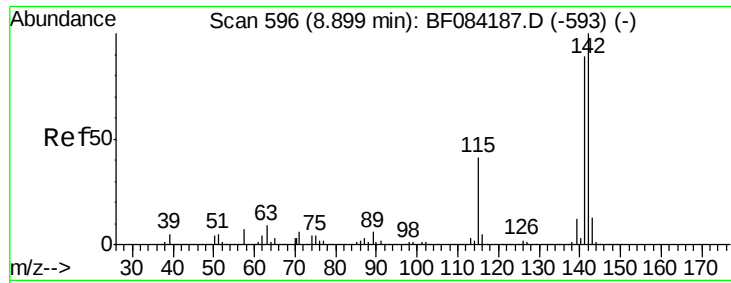
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#36
 4-Chloro-3-methylphenol
 Concen: 45.70 ng
 RT: 8.60 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Tgt Ion:107 Resp: 597835
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.7 29.5
 142 76.0 61.8 92.6





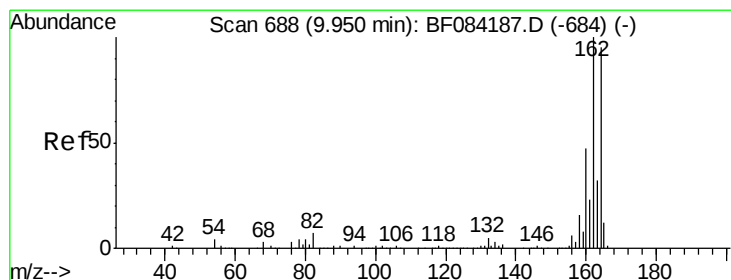
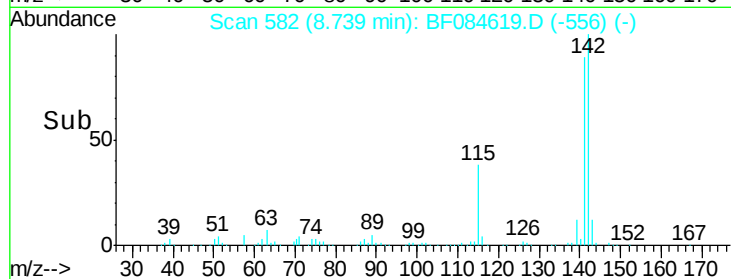
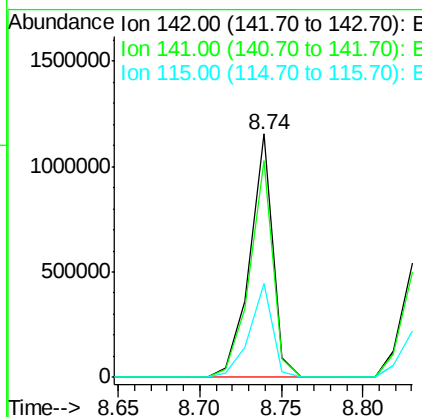
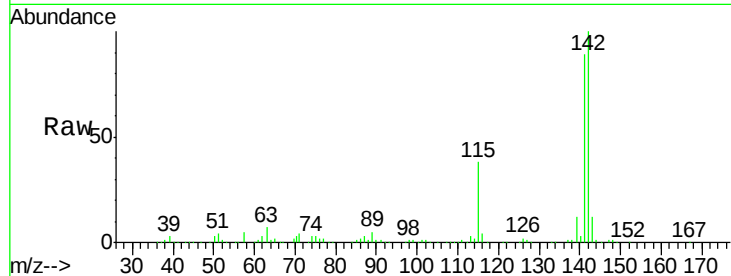
#37
2-Methylnaphthalene
Concen: 41.74 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion:142 Resp: 1135209
Ion Ratio Lower Upper
142 100
141 88.8 72.4 108.6
115 38.3 27.9 41.9

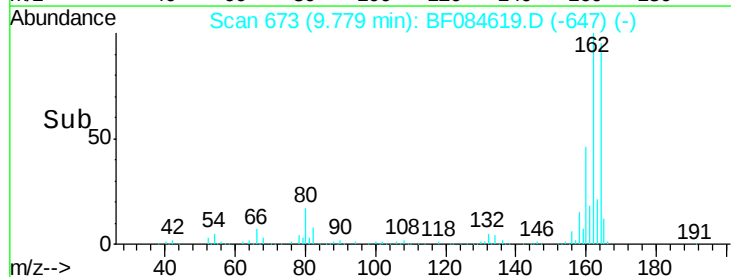
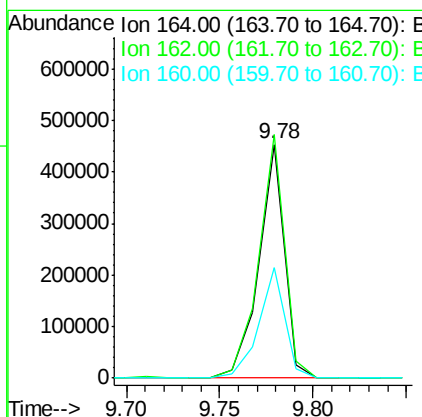
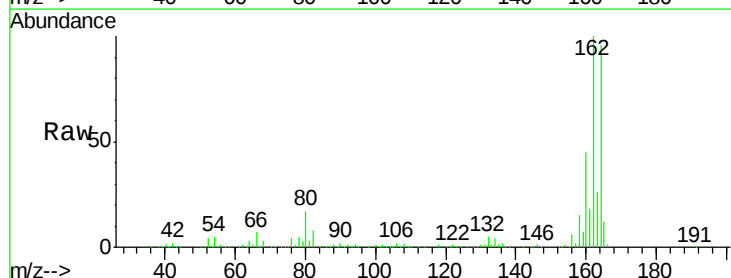
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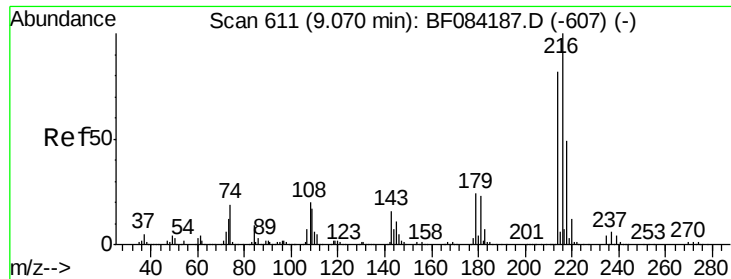
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:164 Resp: 426348
Ion Ratio Lower Upper
164 100
162 104.3 85.1 127.7
160 47.4 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.23 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF084619.D

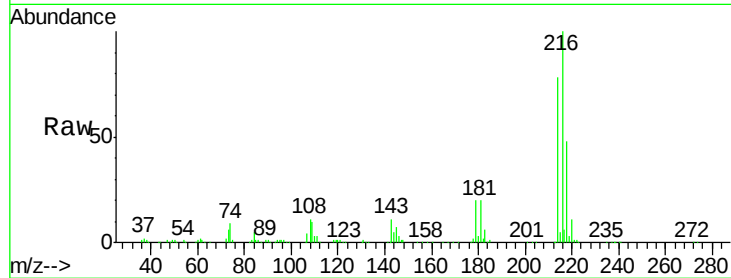
Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

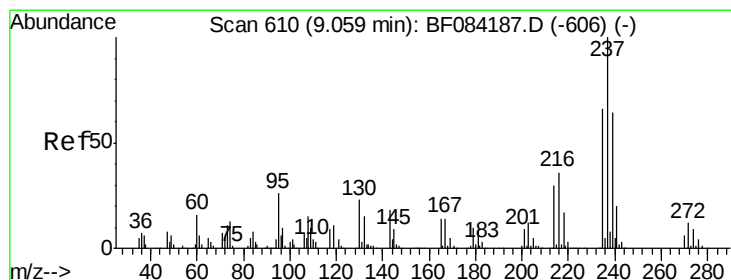
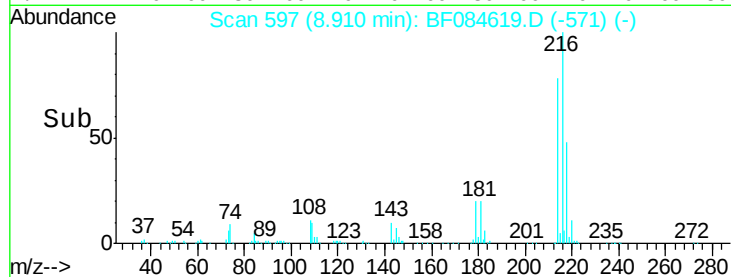
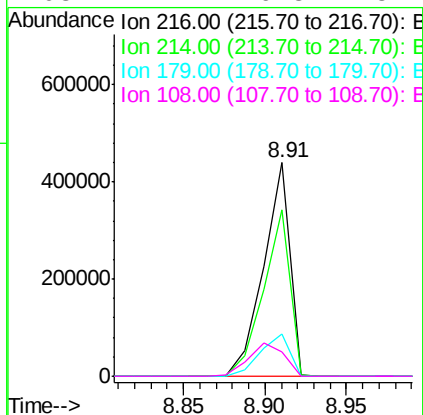
PB87993BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.2	96.2
179	22.5	18.7	28.1
108	21.4	16.8	25.2

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#40

Hexachlorocyclopentadiene

Concen: 72.65 ng

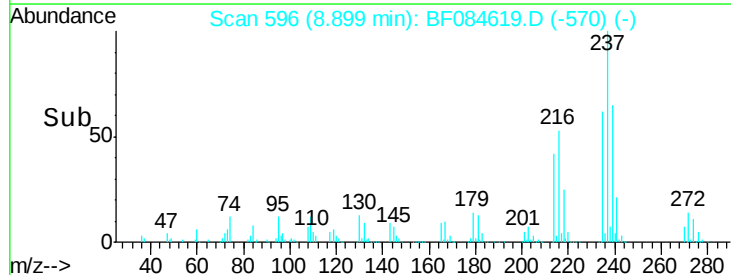
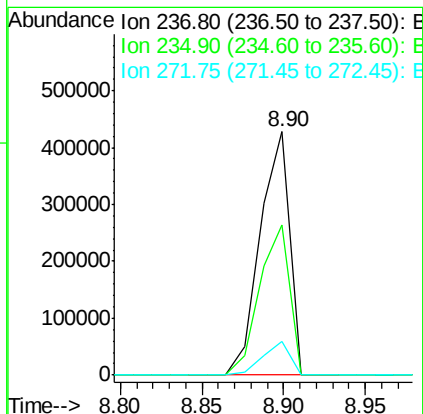
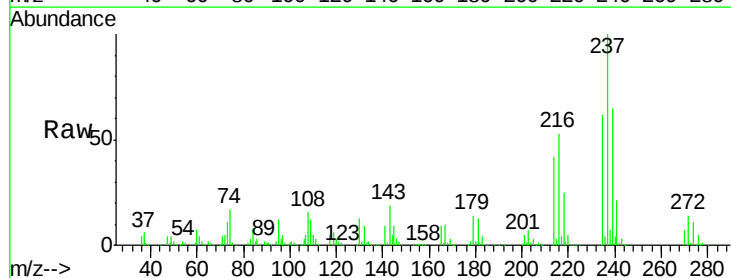
RT: 8.90 min Scan# 596

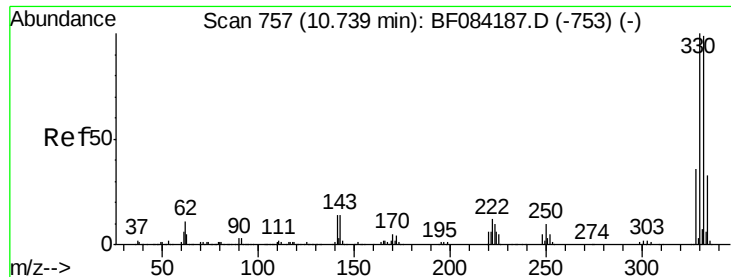
Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.1	83.1
272	13.9	0.0	35.1





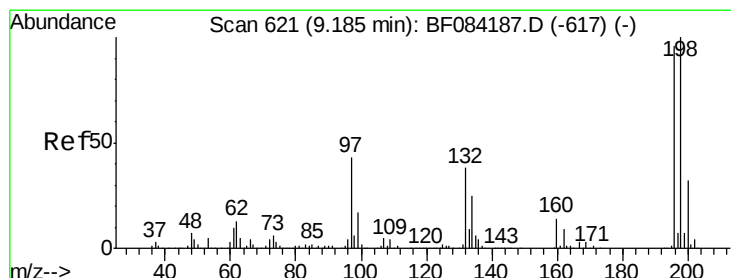
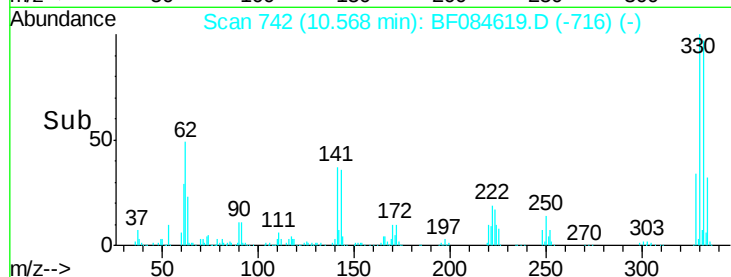
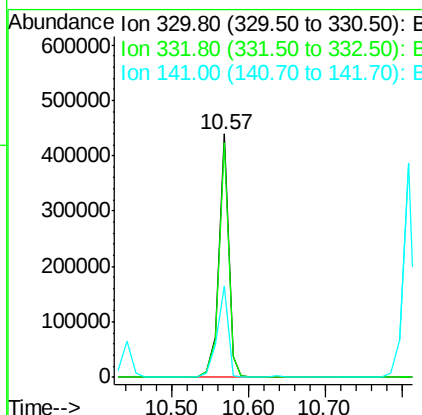
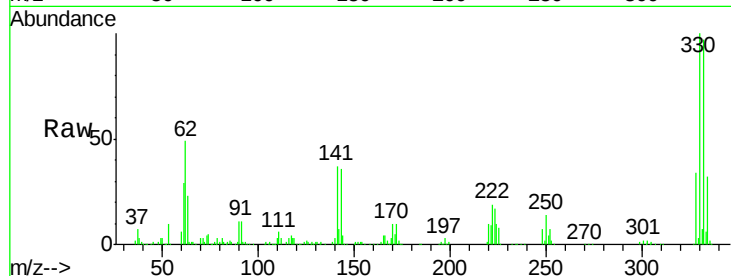
#41
 2,4,6-Tribromophenol
 Concen: 90.36 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	388951		
332	96.5	76.6	114.8	
141	41.6	27.8	41.6	

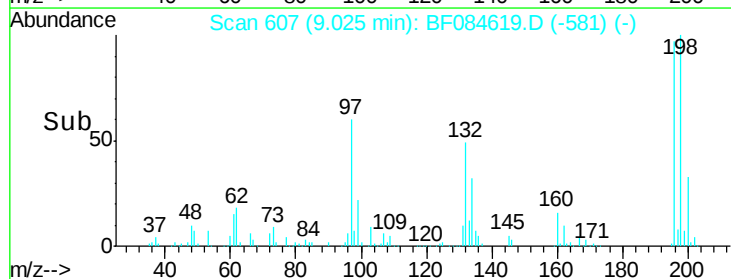
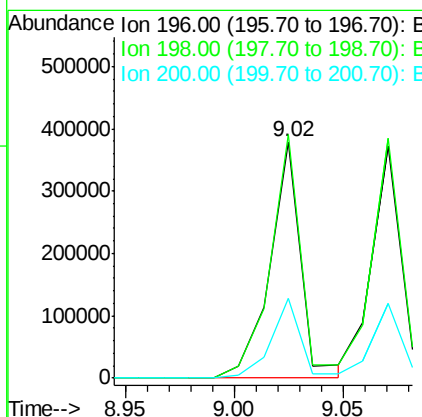
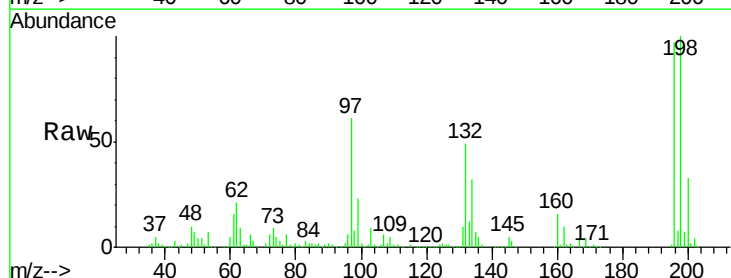
Manual Integrations
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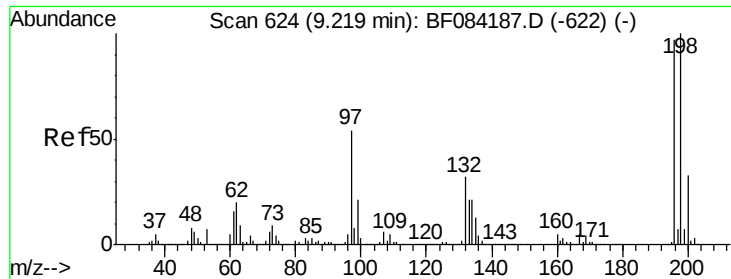
mohammad
 1/28/2016 2:21:44 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.27 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

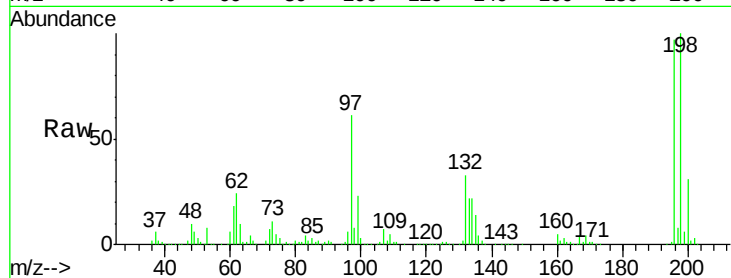
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	378481		
198	103.2	77.7	116.5	
200	33.7	24.6	37.0	





#43
 2,4,5-Trichlorophenol
 Concen: 40.23 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

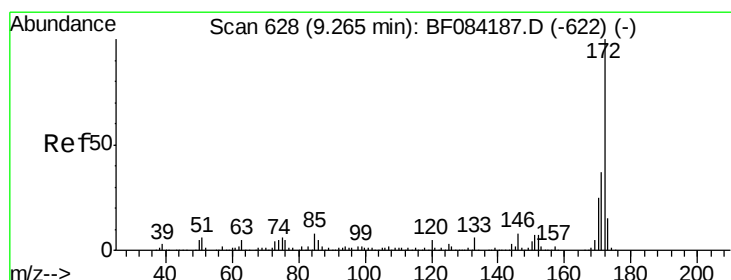
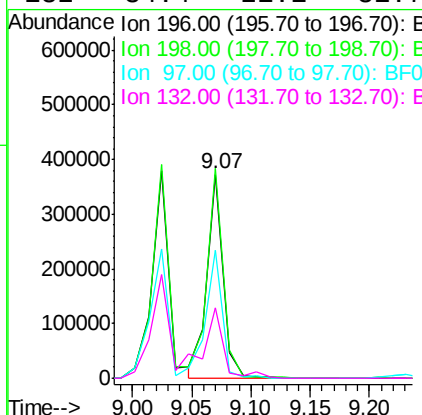
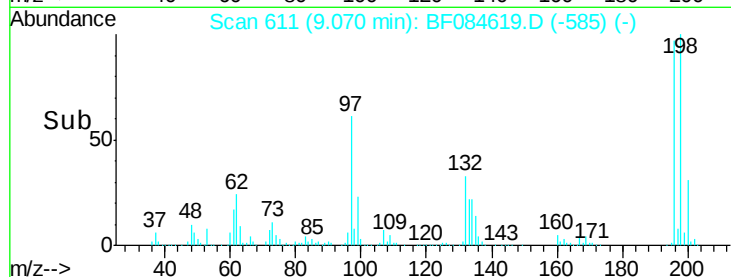
Instrument :
 BNA_F
 ClientSampleId :
 PB87993BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	353633		
198	102.8	79.0	118.6	
97	62.7	33.0	49.6	
132	34.4	21.1	31.7	

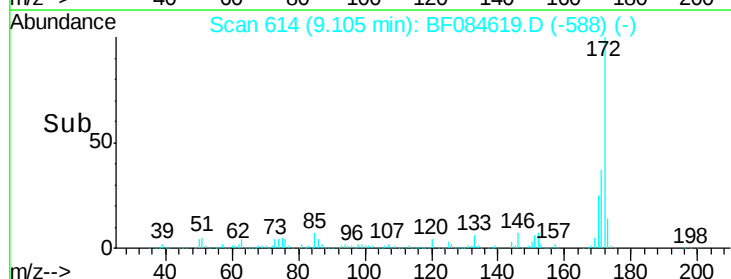
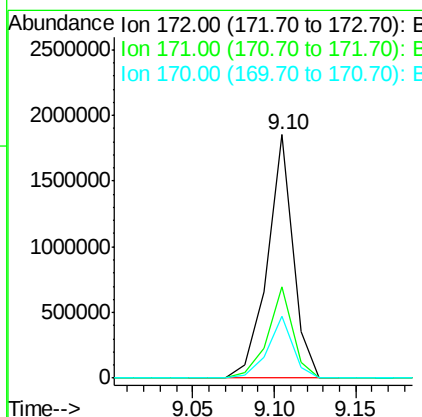
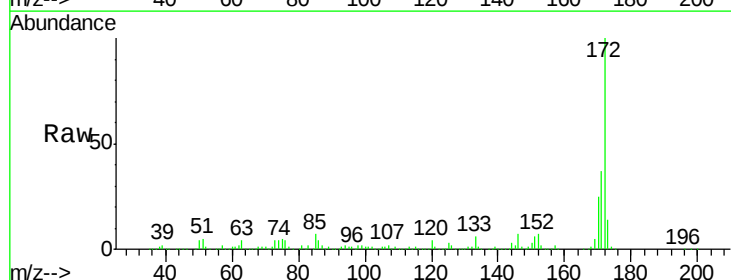
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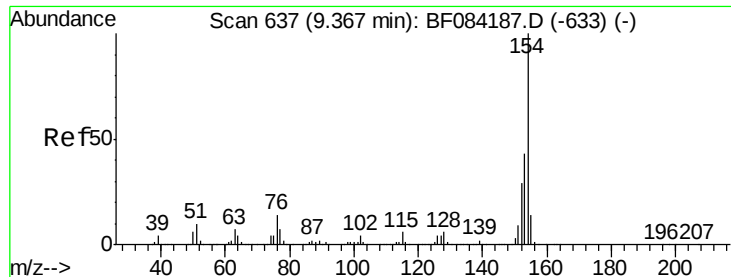
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 83.92 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2035818		
171	37.4	28.9	43.3	
170	25.4	18.6	27.8	





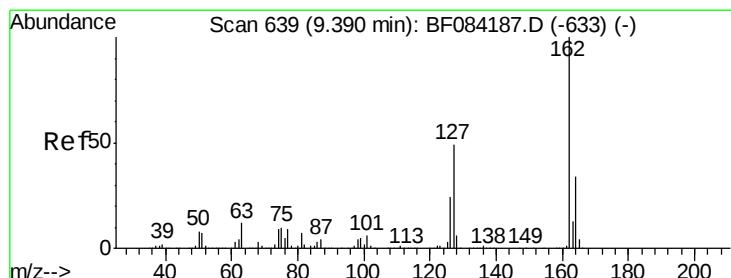
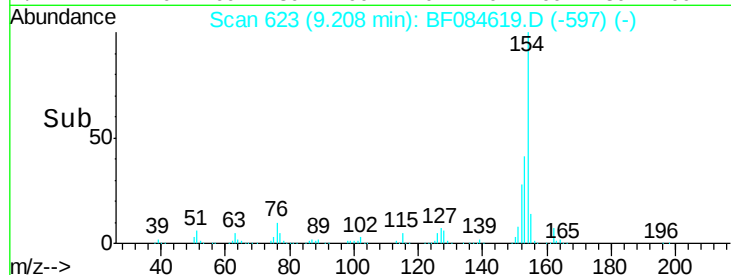
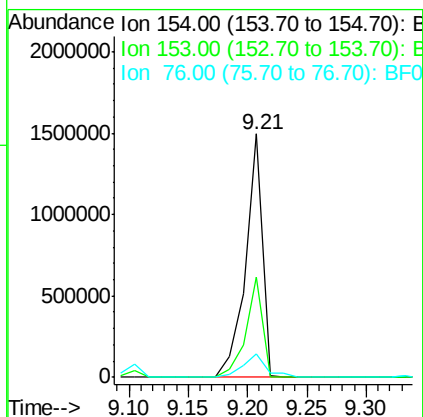
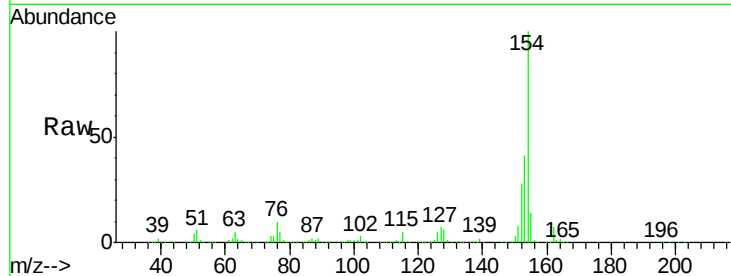
#45
 1,1'-Biphenyl
 Concen: 43.59 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.6	61.6
76	9.7	0.0	32.7

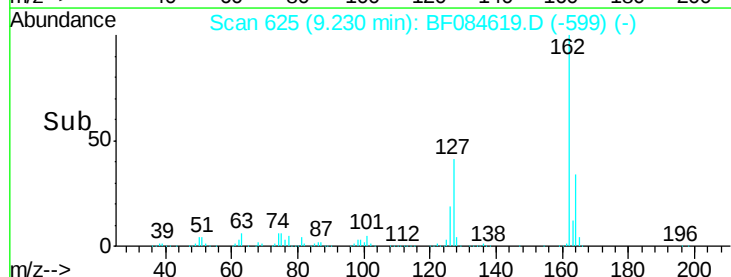
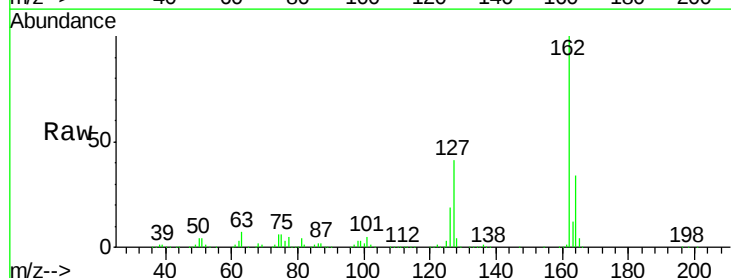
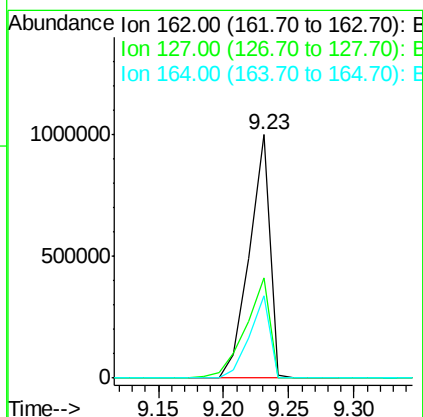
Manual Integrations
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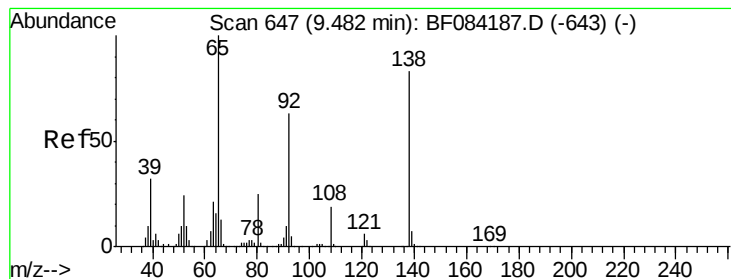
mohammad
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#46
 2-Chloronaphthalene
 Concen: 41.31 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	40.2	60.4
164	33.8	25.7	38.5





#47

2-Nitroaniline

Concen: 45.13 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB87993BS

Tgt Ion: 65 Resp: 396478
Ion Ratio Lower Upper

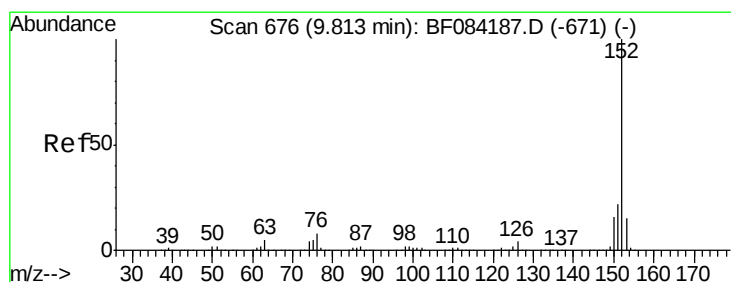
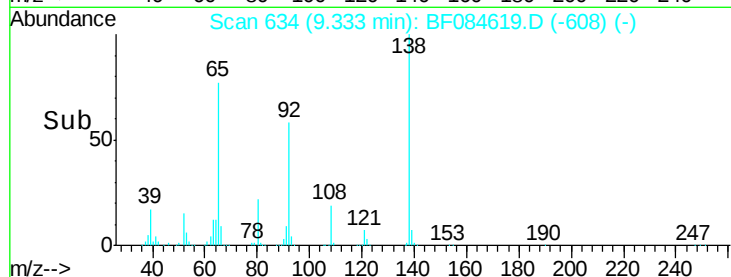
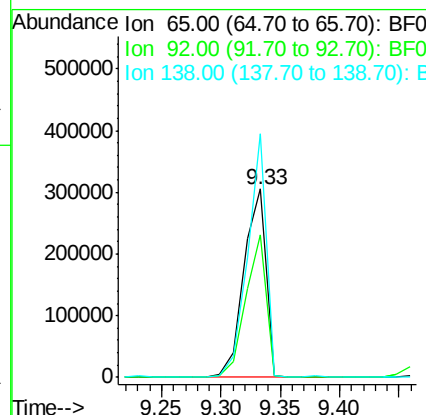
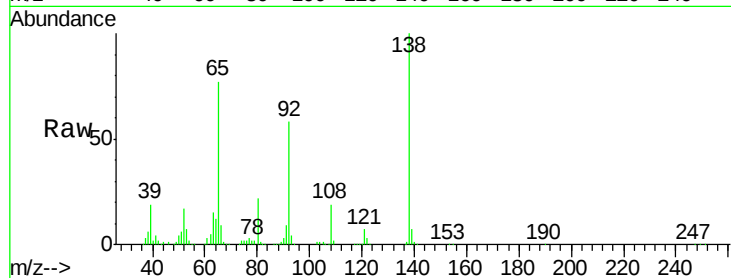
65 100

92 75.6 53.4 80.2

138 129.4 71.1 106.7#

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#48

Acenaphthylene

Concen: 42.82 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF084619.D

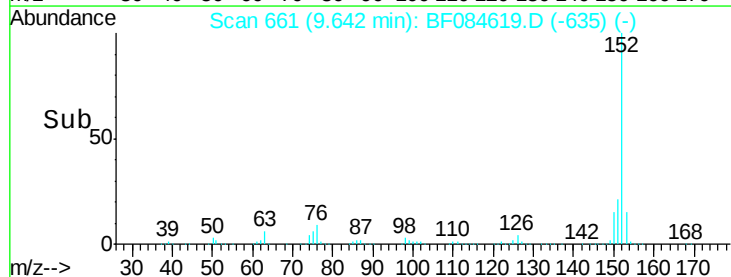
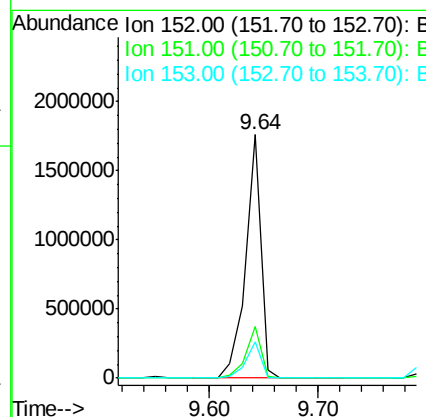
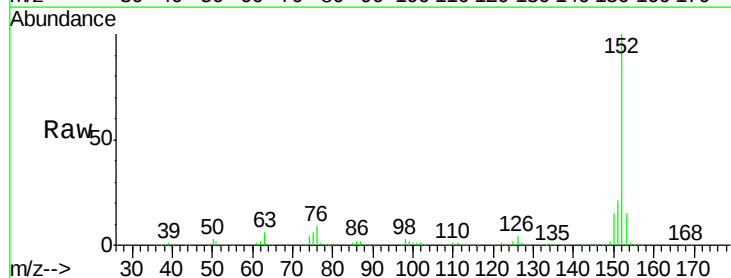
Acq: 27 Jan 2016 14:15

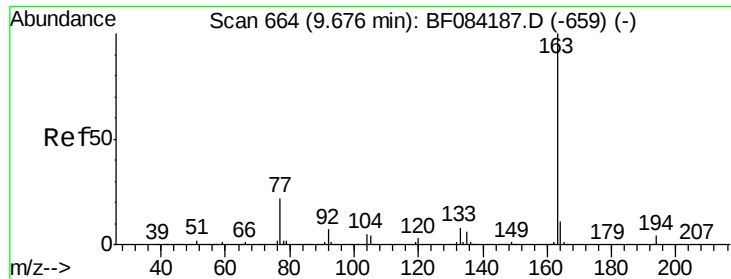
Tgt Ion: 152 Resp: 1683674
Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

153 14.9 10.4 15.6





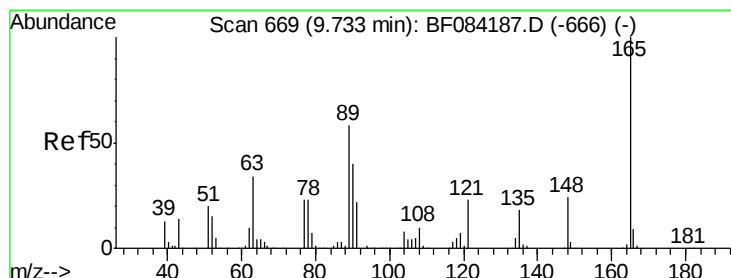
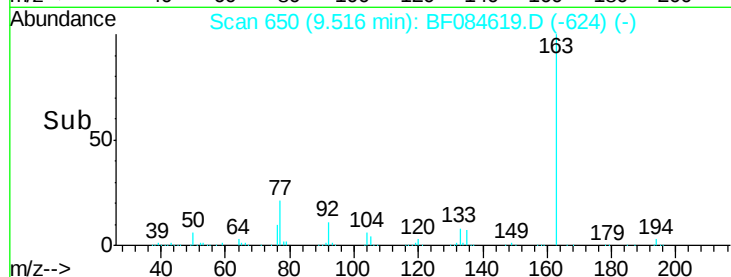
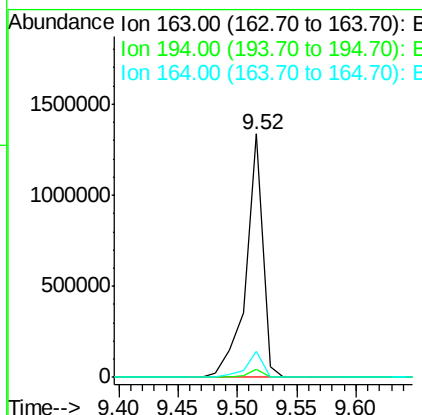
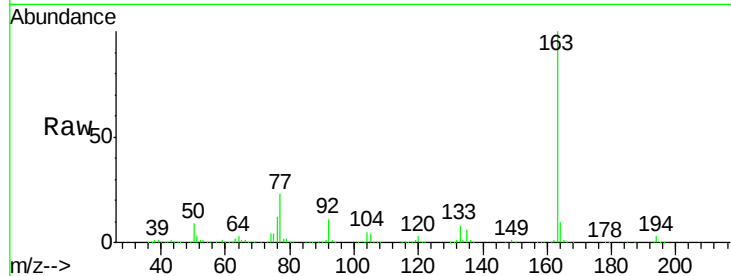
#49
Dimethylphthalate
Concen: 43.28 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion:163 Resp: 1319027
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.5 8.0 12.0

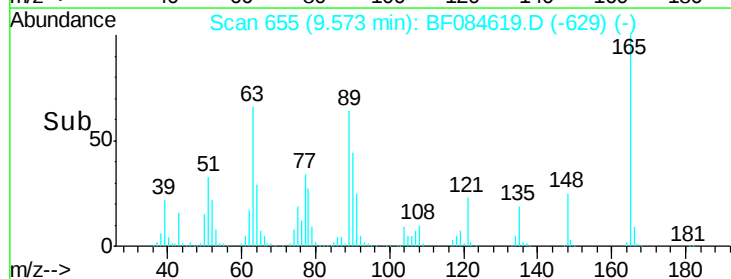
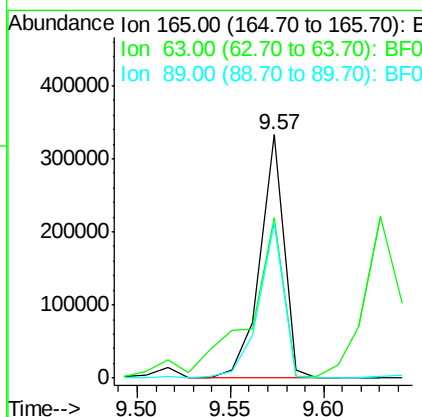
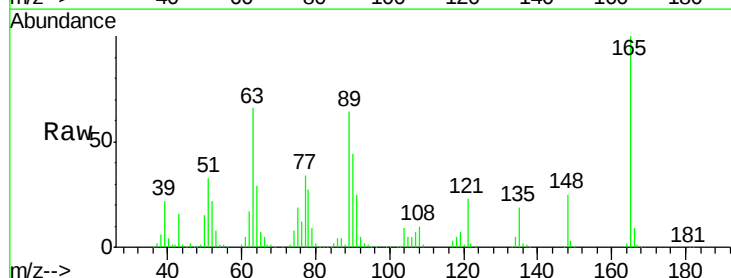
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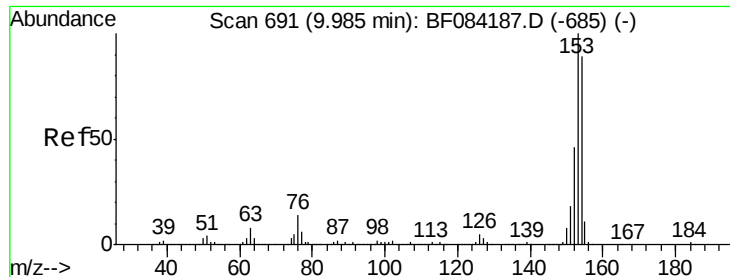
mohammad
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#50
2,6-Dinitrotoluene
Concen: 44.25 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:165 Resp: 295825
Ion Ratio Lower Upper
165 100
63 66.1 28.8 43.2#
89 63.8 35.1 52.7#





#51

Acenaphthene

Concen: 41.58 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB87993BS

Tgt Ion:154 Resp: 1096785

Ion Ratio Lower Upper

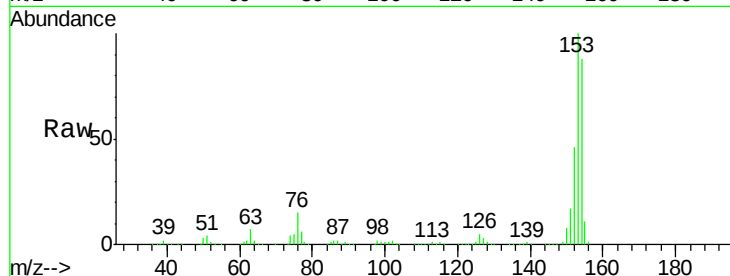
154 100

153 113.1 91.5 137.3

152 51.6 43.0 64.6

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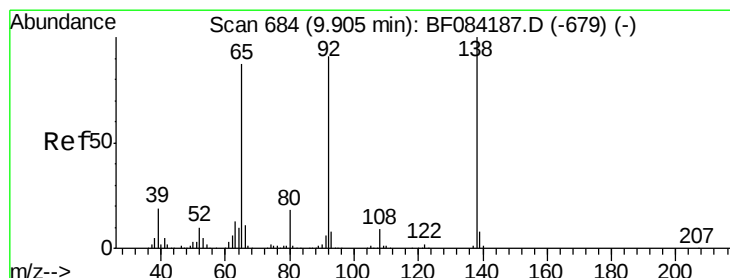
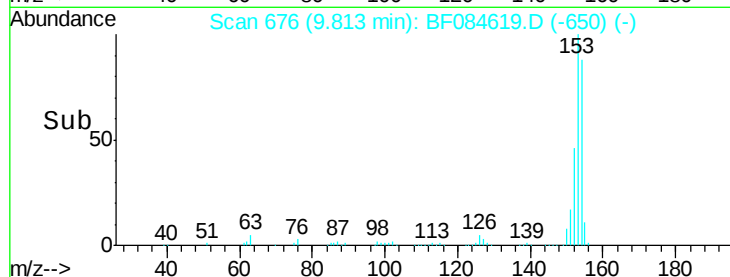
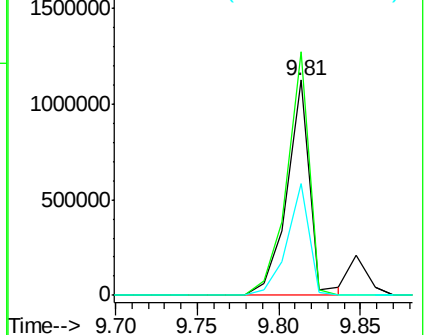
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.38 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

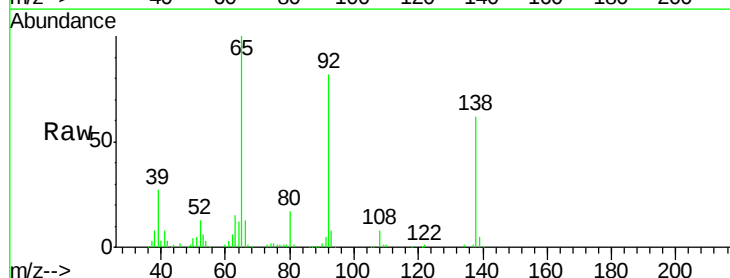
Tgt Ion:138 Resp: 135724

Ion Ratio Lower Upper

138 100

108 12.8 10.5 15.7

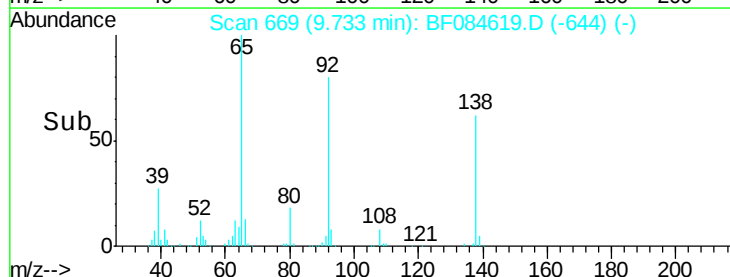
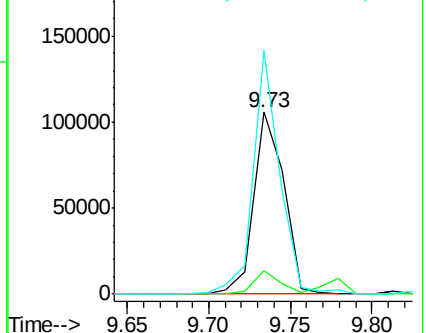
92 133.9 103.9 155.9

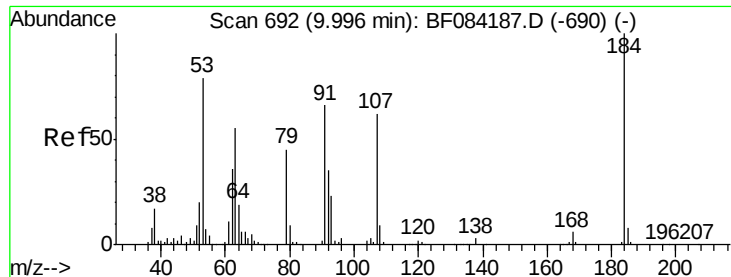


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





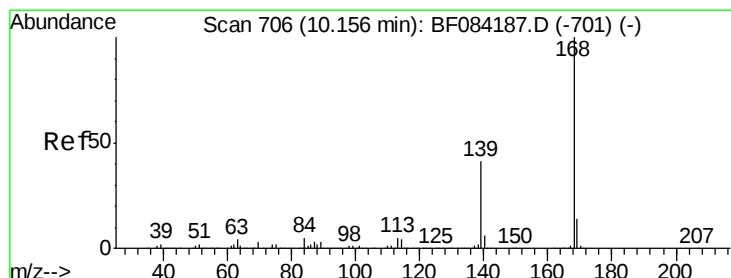
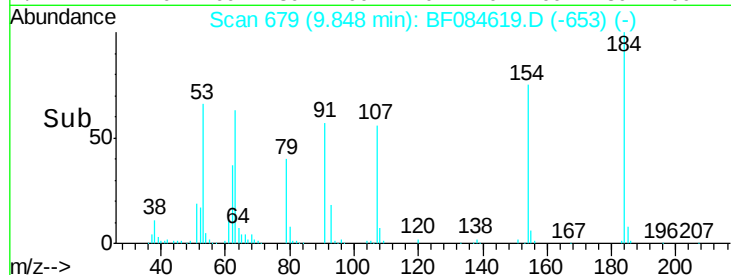
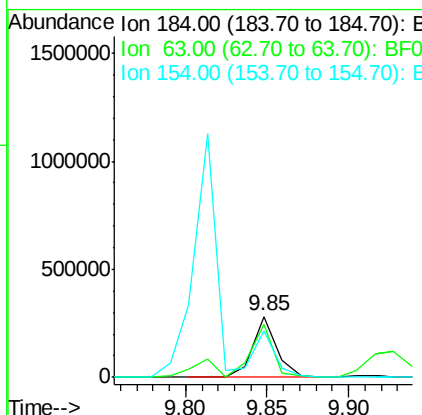
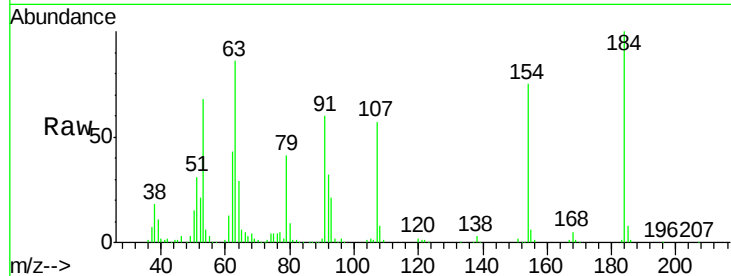
#53
2,4-Dinitrophenol
Concen: 101.91 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	293096		
63	85.9	43.1	64.7#	
154	75.1	60.5	90.7	

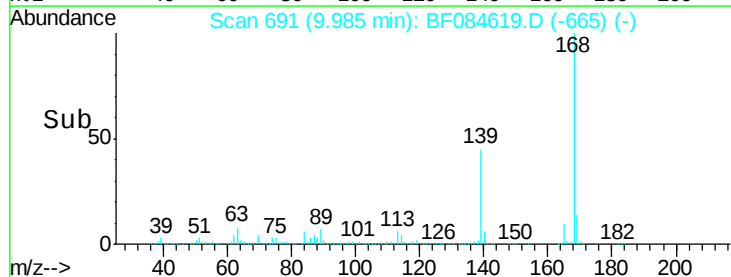
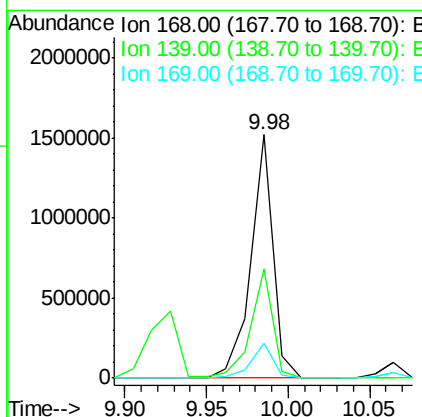
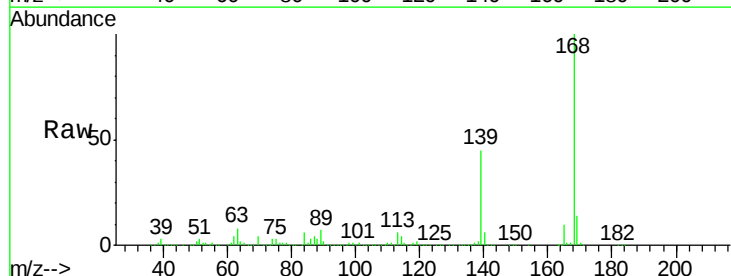
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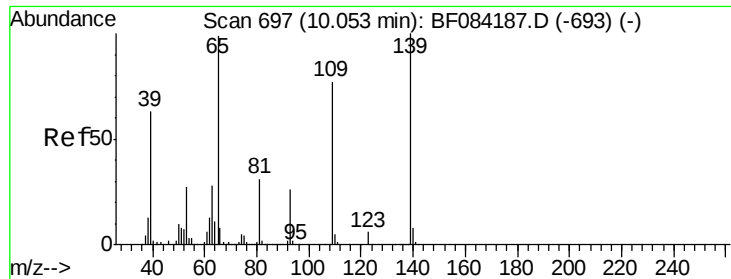
mohammad
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#54
Dibenzofuran
Concen: 41.79 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1434761		
139	44.8	30.5	45.7	
169	14.5	10.4	15.6	





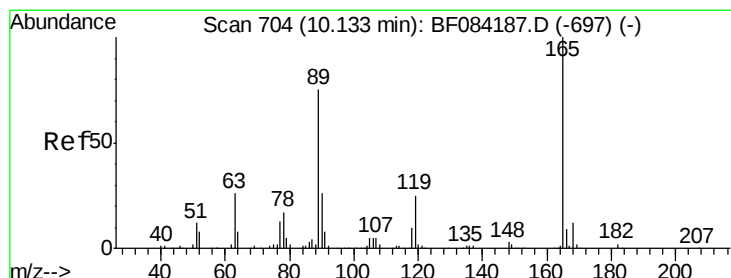
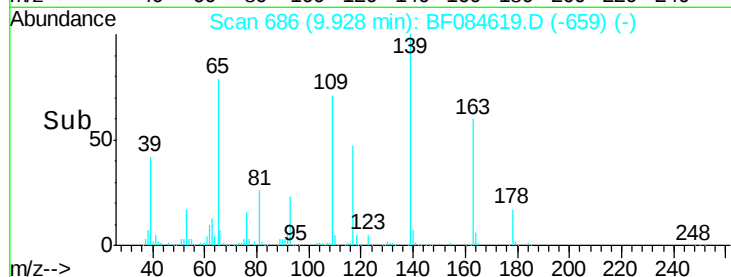
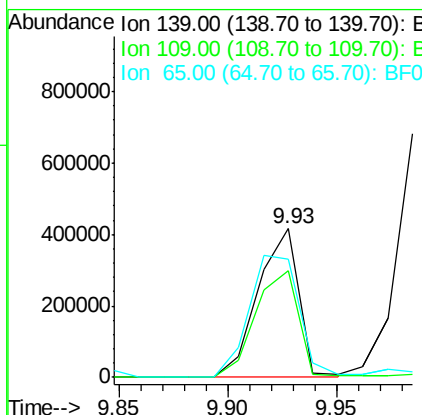
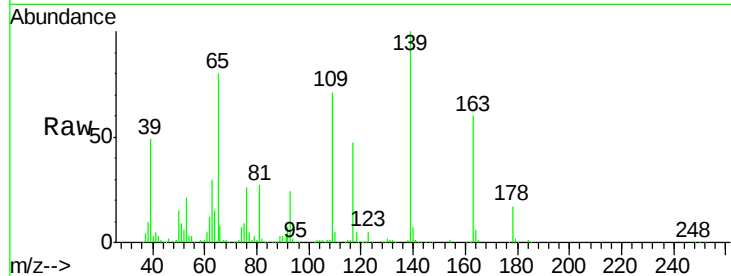
#55
4-Nitrophenol
Concen: 90.99 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	547111		
109	71.4	58.5	98.5	
65	79.8	57.6	97.6	

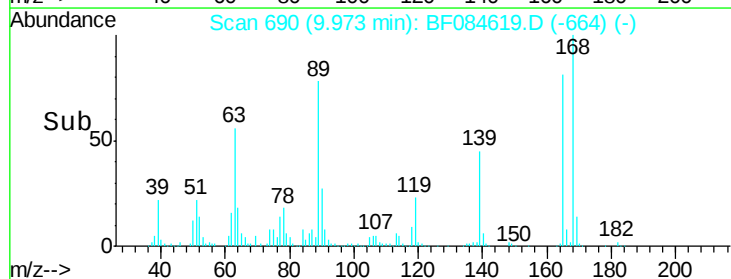
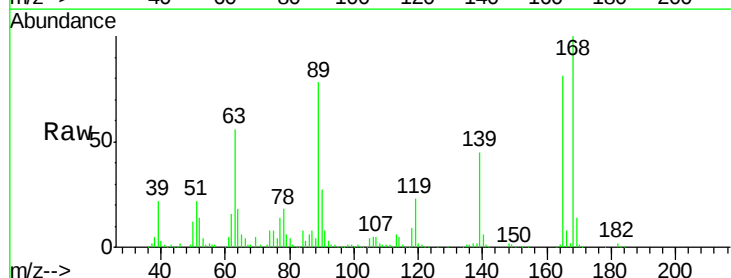
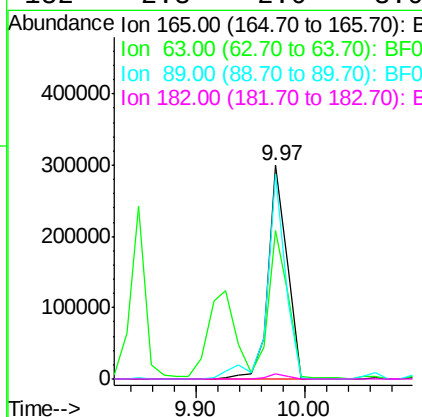
Manual Integrations
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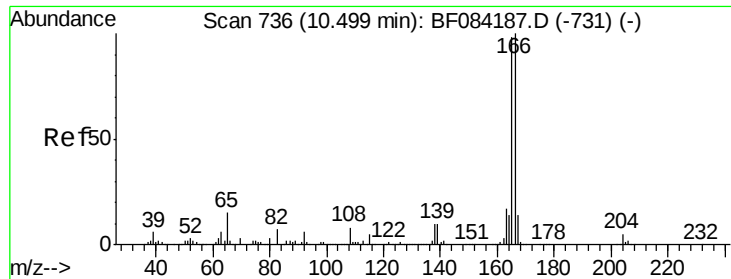
mohammad
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#56
2,4-Dinitrotoluene
Concen: 42.78 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	361933		
63	69.3	36.7	55.1#	
89	95.7	61.9	92.9#	
182	2.3	2.0	3.0	





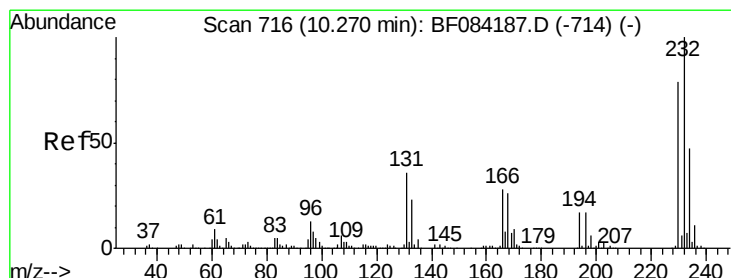
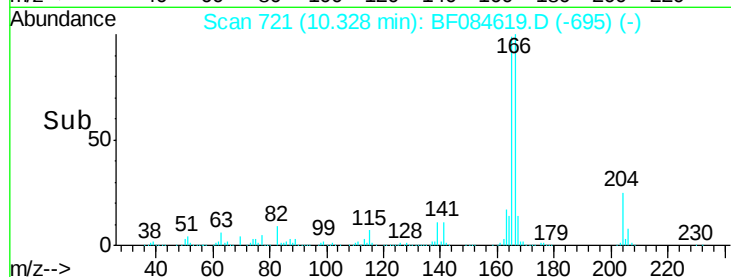
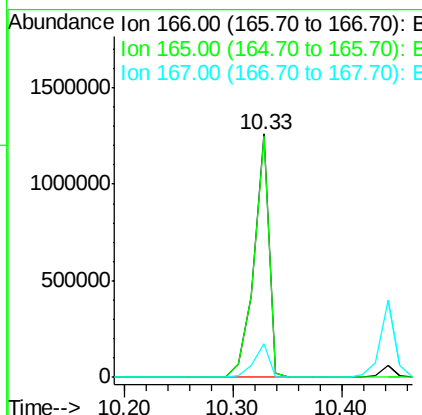
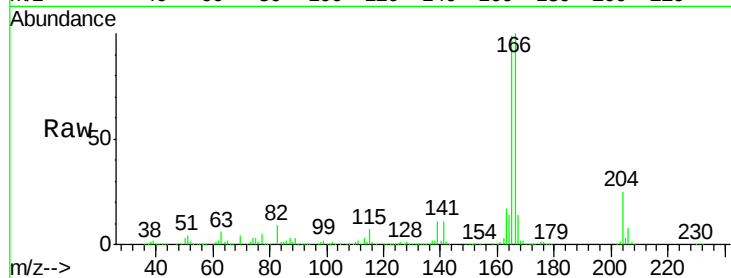
#57
Fluorene
Concen: 46.16 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion:166 Resp: 1217773
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 14.1 10.4 15.6

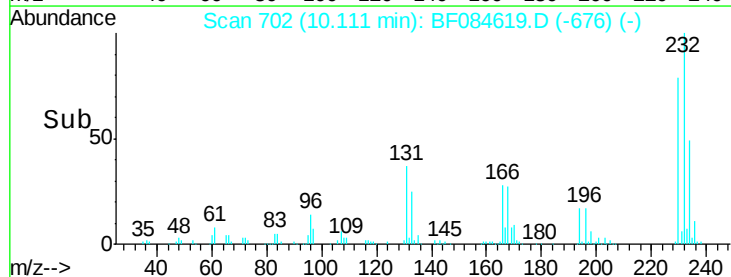
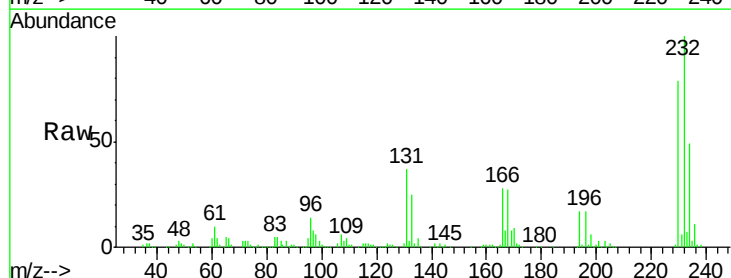
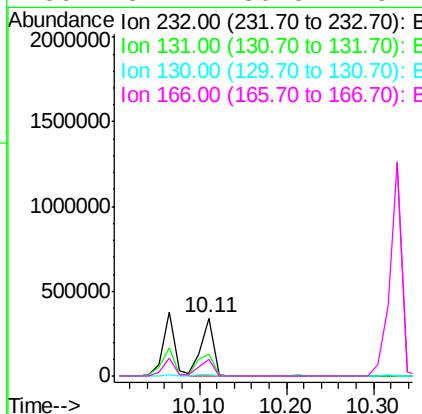
Manual Integrations
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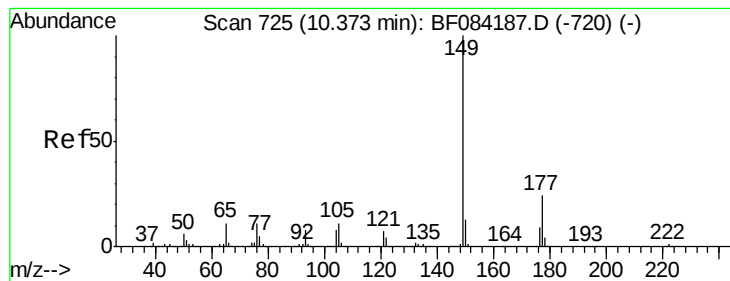
mohammad
1/28/2016 2:21:44 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.12 ng
RT: 10.11 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:232 Resp: 338678
Ion Ratio Lower Upper
232 100
131 47.9 47.0 70.6
130 2.3 2.0 3.0
166 31.2 30.5 45.7





#59

Diethylphthalate

Concen: 43.31 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB87993BS

Tgt Ion:149 Resp: 1301649

Ion Ratio Lower Upper

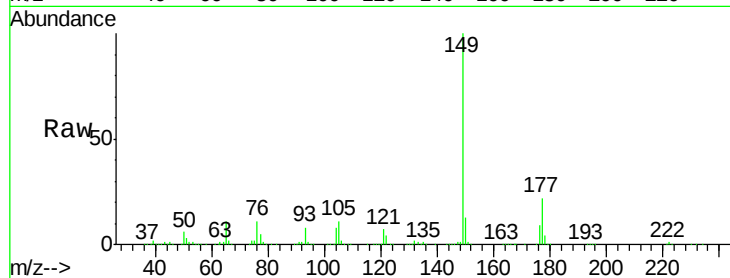
149 100

177 22.2 17.3 25.9

150 13.3 9.8 14.8

Manual Integrations
APPROVED

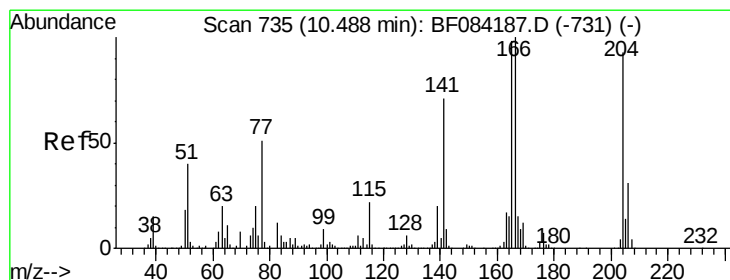
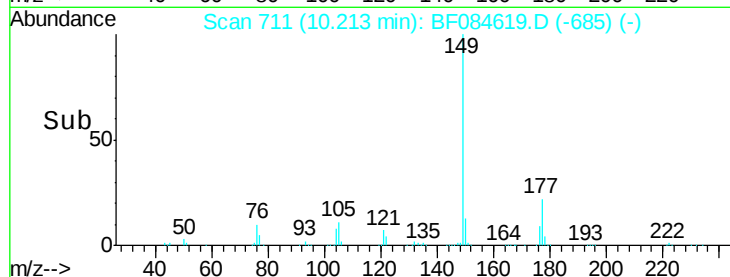
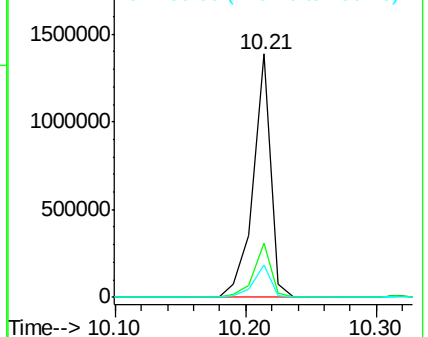
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.78 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

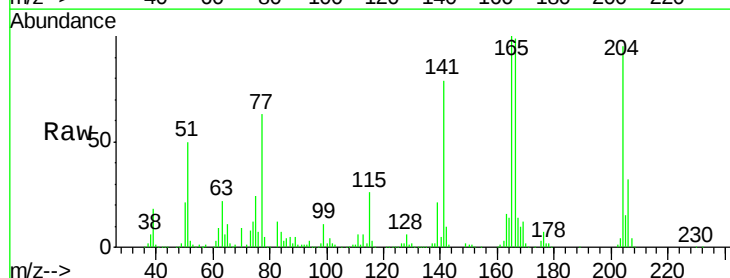
Tgt Ion:204 Resp: 517924

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

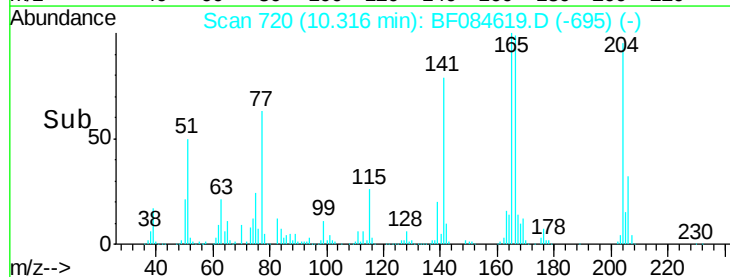
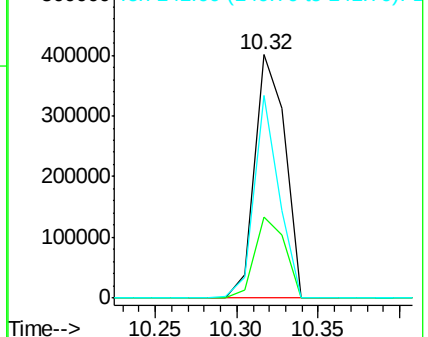
141 83.3 55.1 82.7#

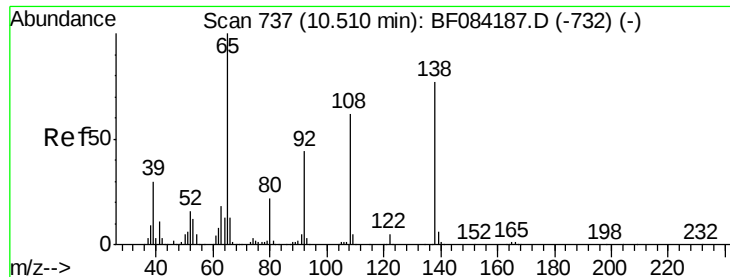


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





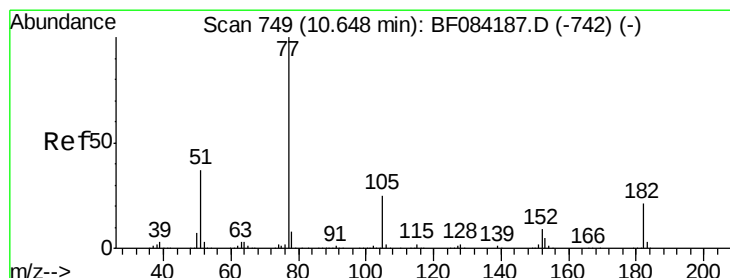
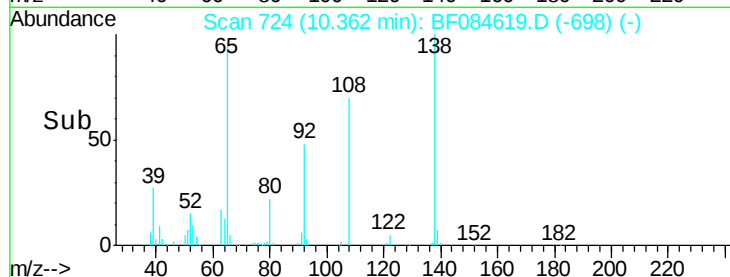
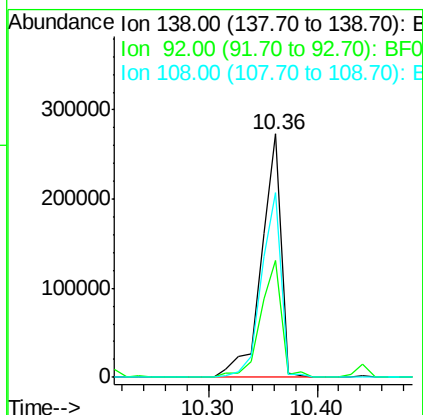
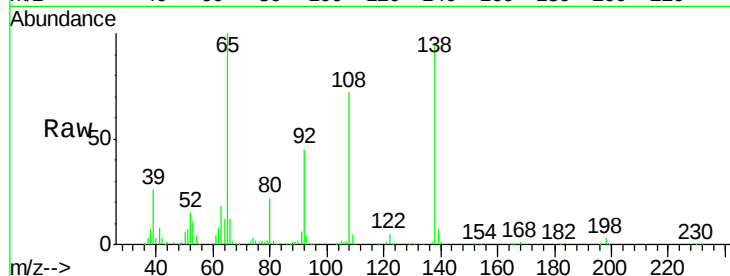
#61
4-Nitroaniline
Concen: 46.75 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	32.6	72.6
108	75.8	68.6	108.6

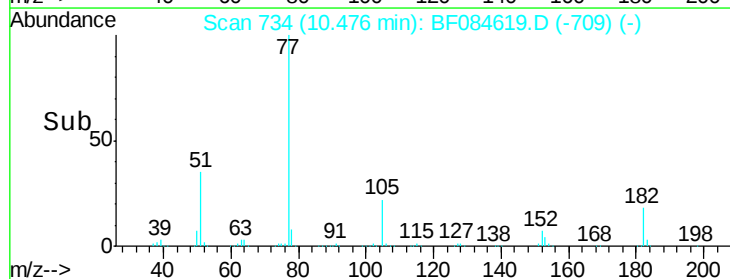
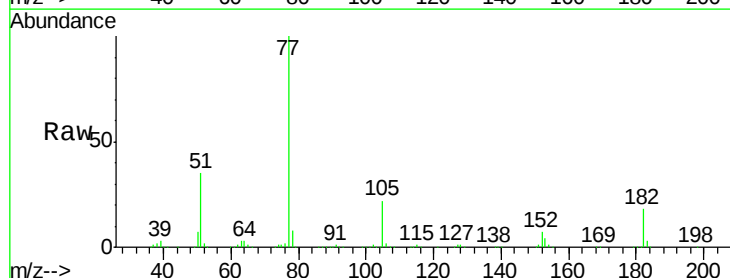
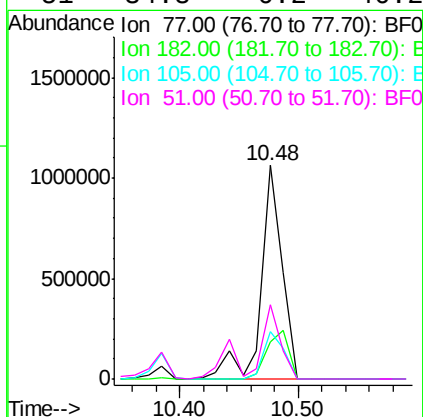
Manual Integrations
APPROVED

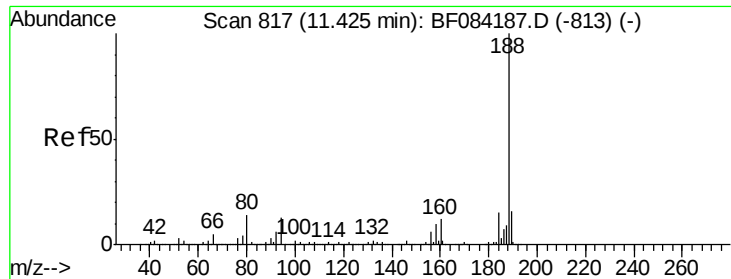
mohammad
1/28/2016 2:21:44 PM



#62
Azobenzene
Concen: 40.21 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.6	8.3	48.3
105	22.4	4.6	44.6
51	34.8	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF084619.D

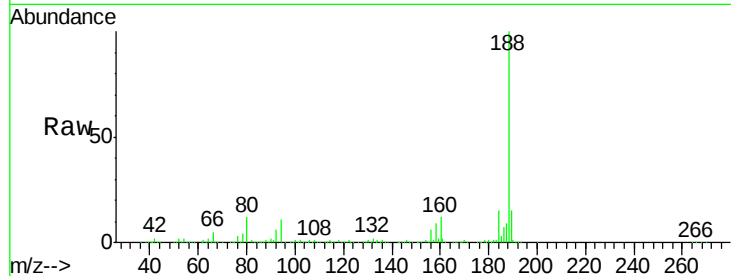
Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

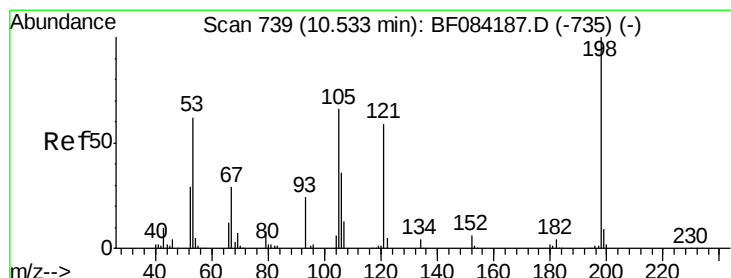
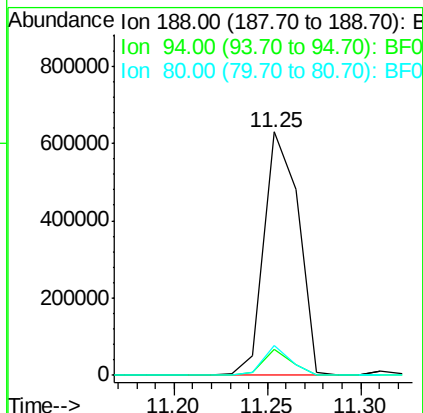
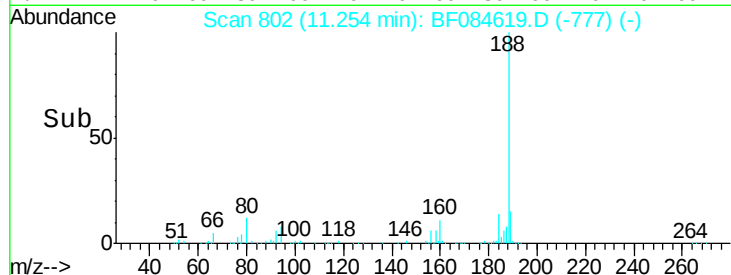
PB87993BS



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	805463		
94	10.7	9.0	13.4	
80	12.2	9.6	14.4	

Manual Integrations
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1/28/2016 2:21:44 PM



#64

4,6-Dinitro-2-methylphenol

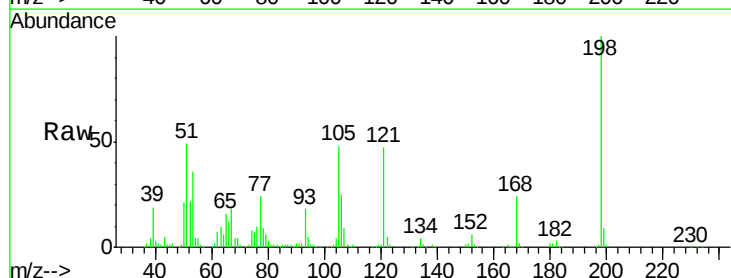
Concen: 48.51 ng

RT: 10.38 min Scan# 726

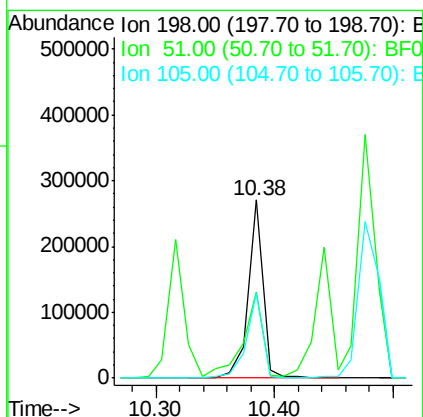
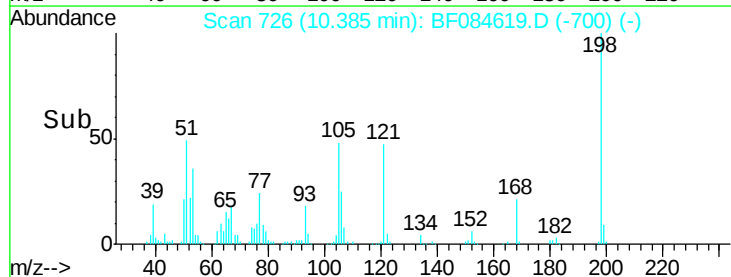
Delta R.T. 0.00 min

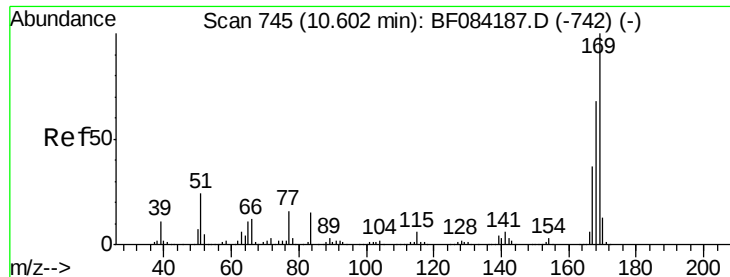
Lab File: BF084619.D

Acq: 27 Jan 2016 14:15



Tgt Ion	Ratio	Resp	Lower	Upper
198	100	236422		
51	48.5	18.9	58.9	
105	47.6	26.4	66.4	





#65

n-Nitrosodiphenylamine

Concen: 39.09 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB87993BS

Tgt Ion:169 Resp: 1006574

Ion Ratio Lower Upper

169 100

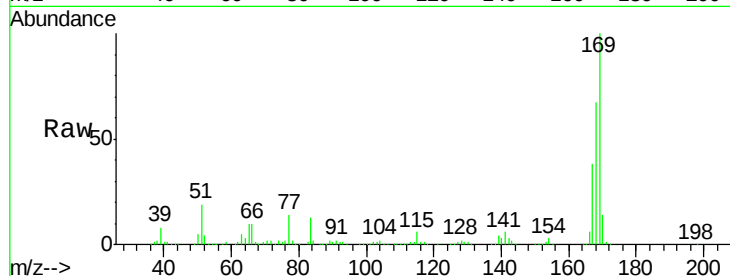
168 67.3 55.1 82.7

167 38.2 30.0 45.0

Manual Integrations
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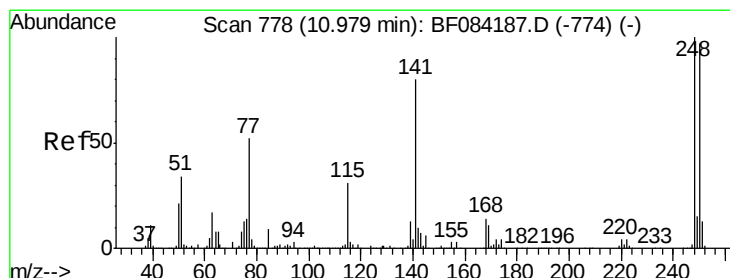
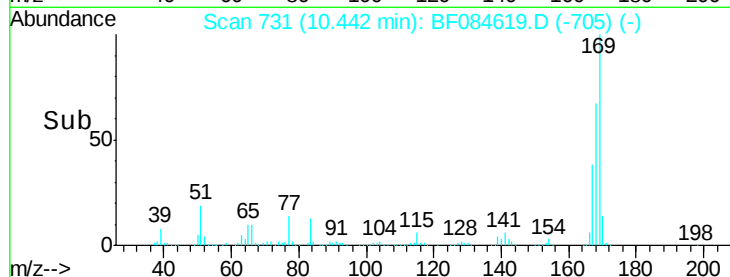
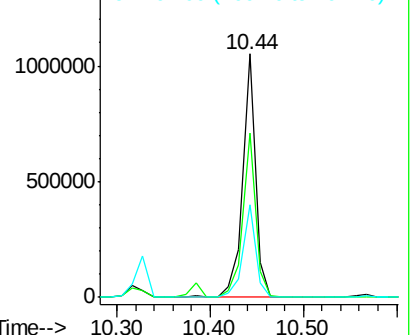
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.29 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

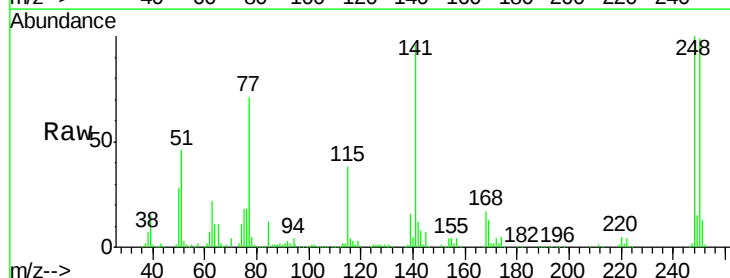
Tgt Ion:248 Resp: 349289

Ion Ratio Lower Upper

248 100

250 98.8 78.4 117.6

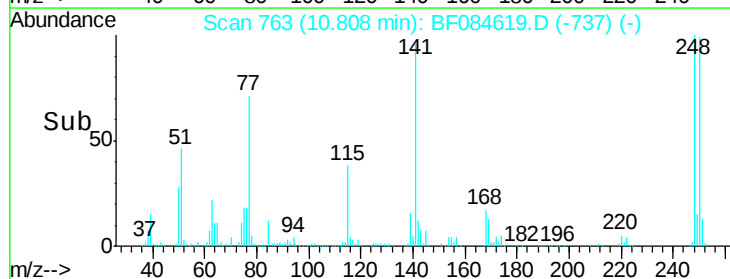
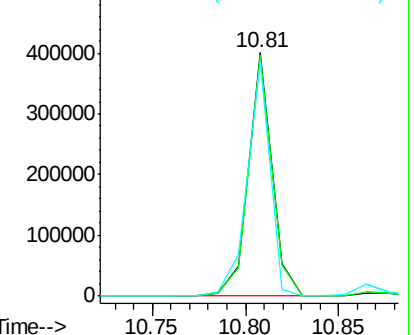
141 96.2 44.0 66.0#

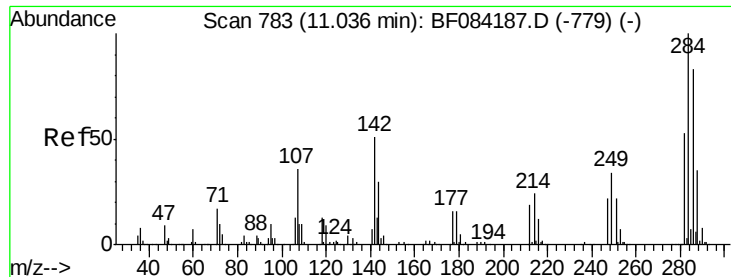


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





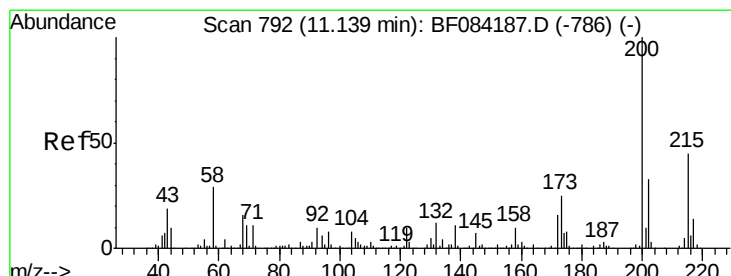
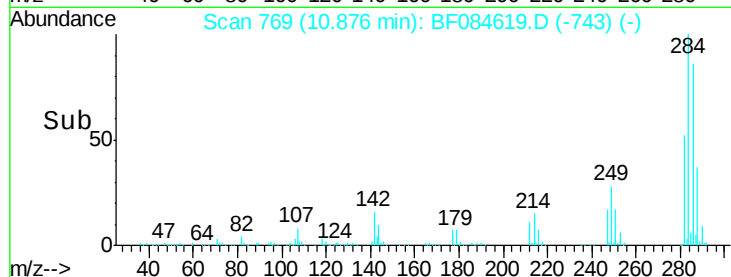
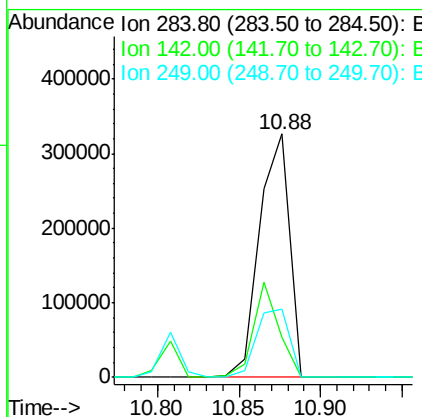
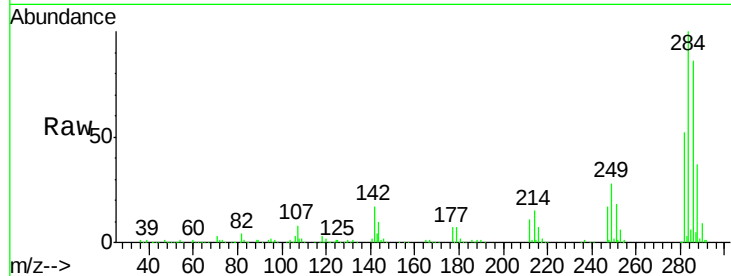
#67
Hexachlorobenzene
Concen: 42.64 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	416022		
142	16.5	22.2	33.4	#
249	28.0	24.6	37.0	

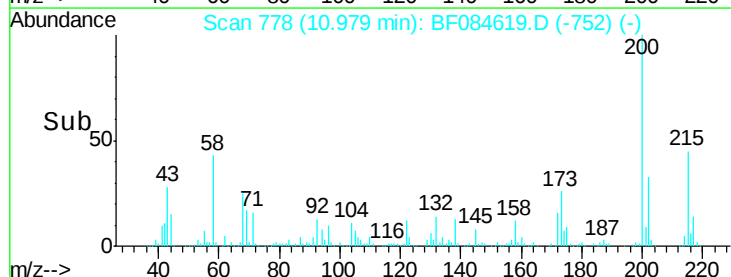
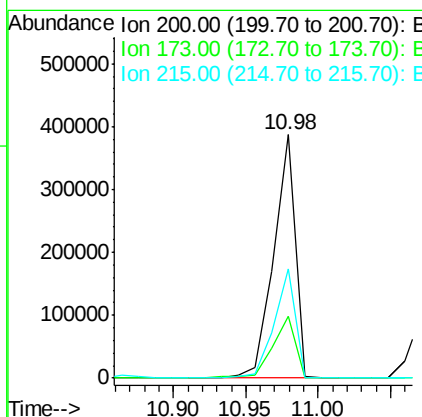
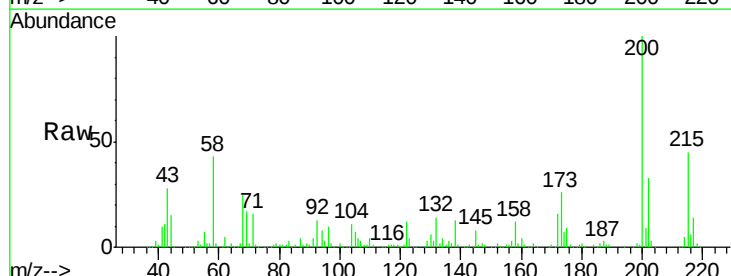
Manual Integrations
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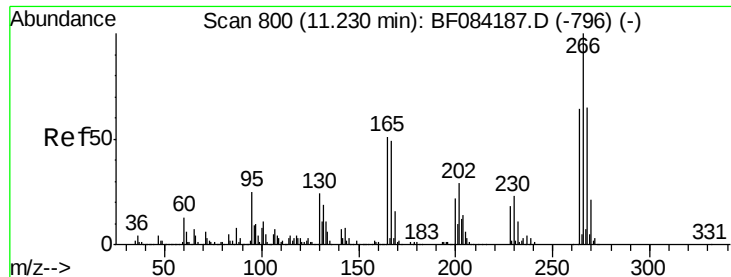
mohammad
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#68
Atrazine
Concen: 47.27 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	398347		
173	25.6	9.5	49.5	
215	44.9	23.8	63.8	





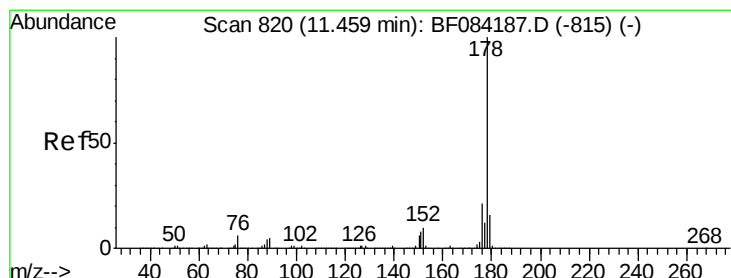
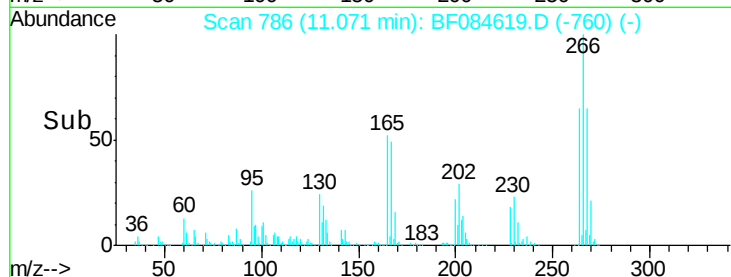
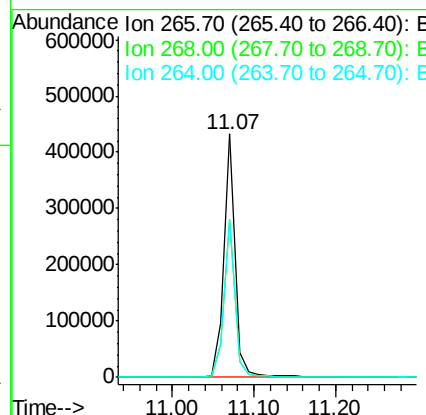
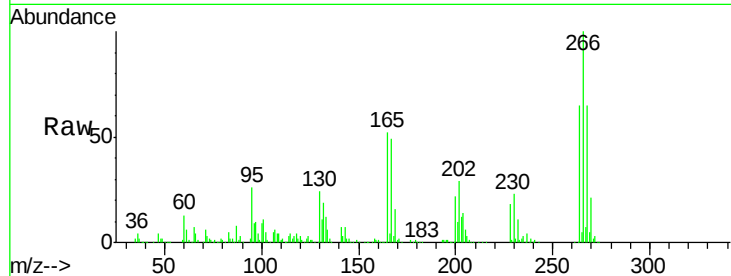
#69
 Pentachlorophenol
 Concen: 82.13 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Instrument :
 BNA_F
 ClientSampled :
 PB87993BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	415537		
268	65.1	52.4	78.6	
264	65.1	50.2	75.2	

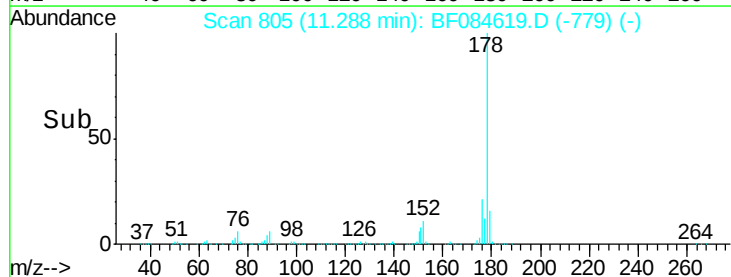
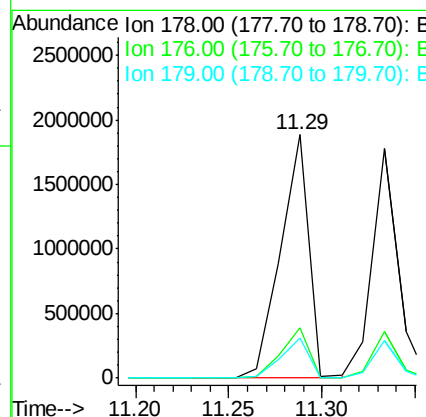
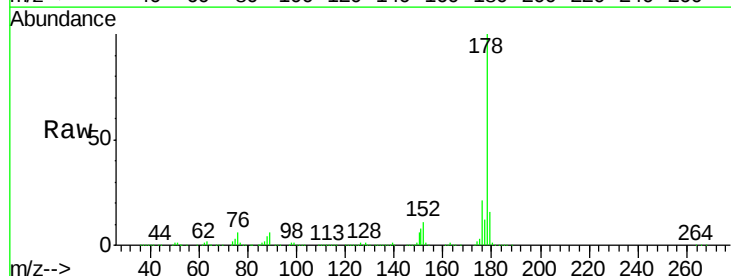
Manual Integrations
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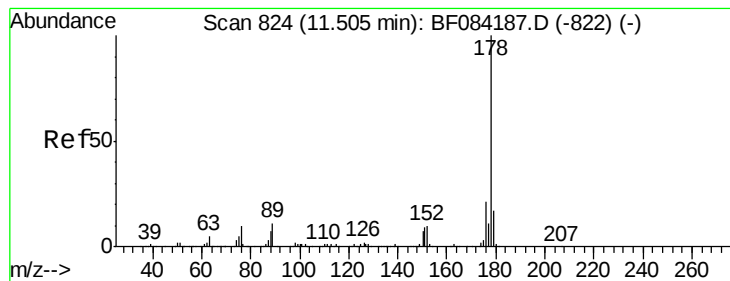
mohammad
 1/28/2016 2:21:44 PM



#70
 Phenanthrene
 Concen: 47.19 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1988082		
176	20.5	15.3	22.9	
179	16.4	12.0	18.0	





#71

Anthracene

Concen: 40.35 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB87993BS

Tgt Ion:178 Resp: 1666651

Ion Ratio Lower Upper

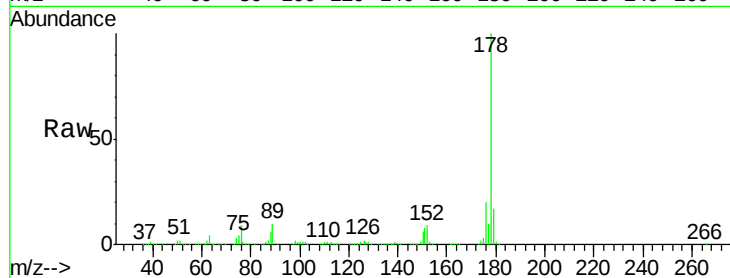
178 100

176 20.2 15.4 23.0

179 16.6 12.5 18.7

Manual Integrations
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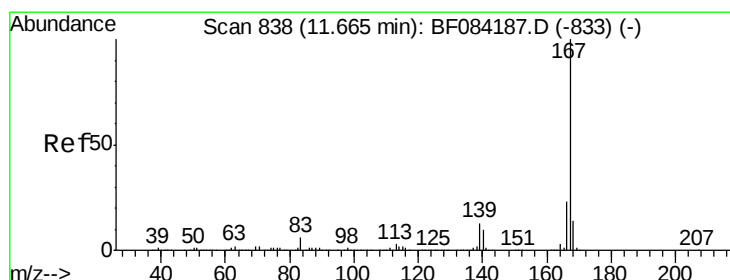
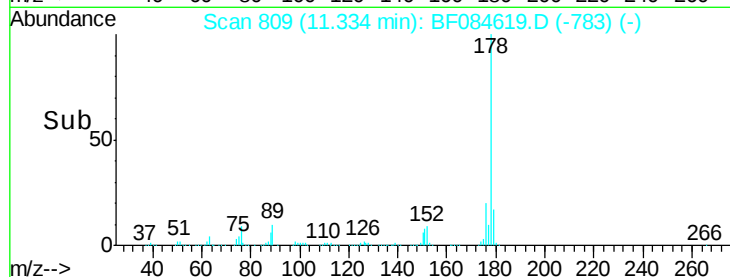
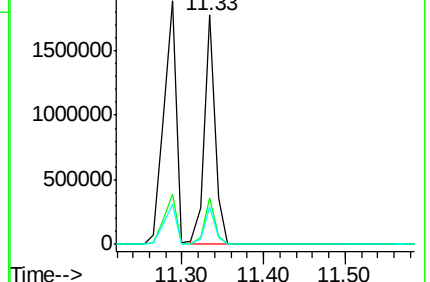
mohammad
1/28/2016 2:21:44 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.24 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

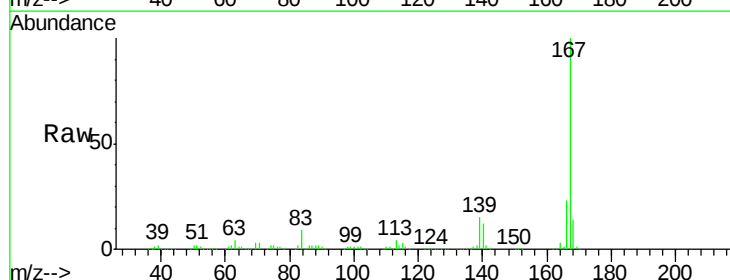
Tgt Ion:167 Resp: 1584256

Ion Ratio Lower Upper

167 100

166 22.8 17.6 26.4

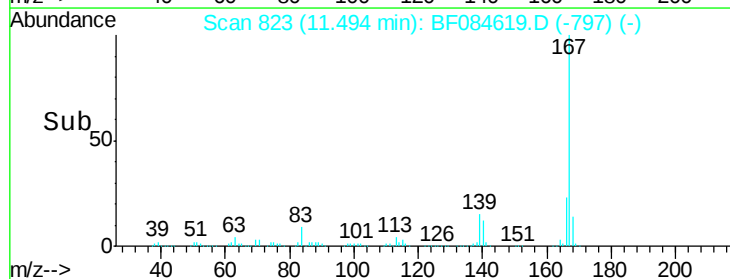
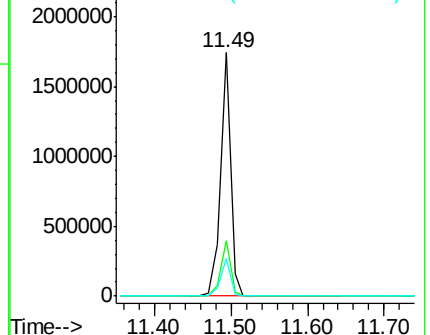
139 15.3 11.8 17.8

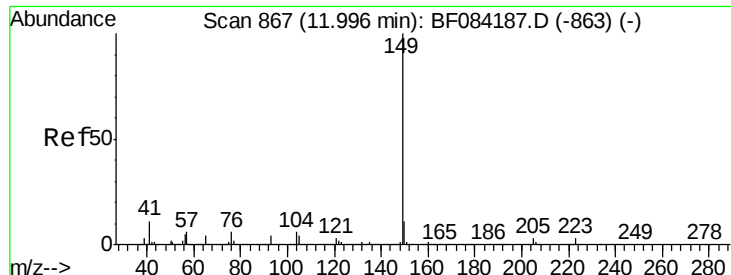


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.70 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

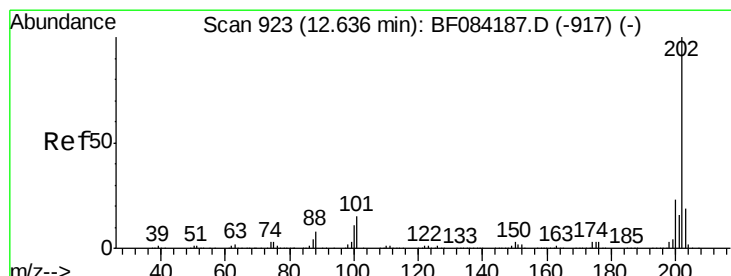
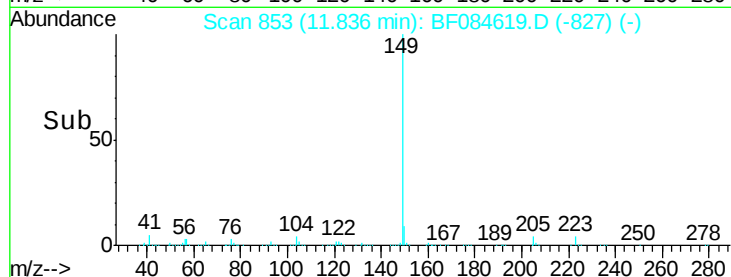
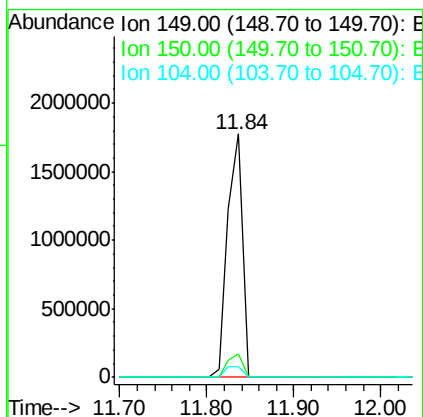
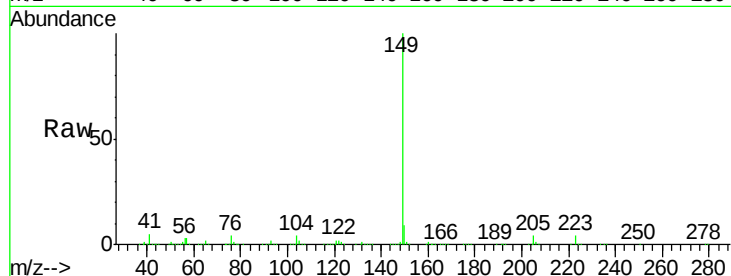
ClientSampleId :

PB87993BS

Manual Integrations
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1/28/2016 2:21:44 PM

Tgt Ion:	149	Resp:	2107823
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.1	10.7
104	4.5	3.2	4.8



#74

Fluoranthene

Concen: 39.70 ng

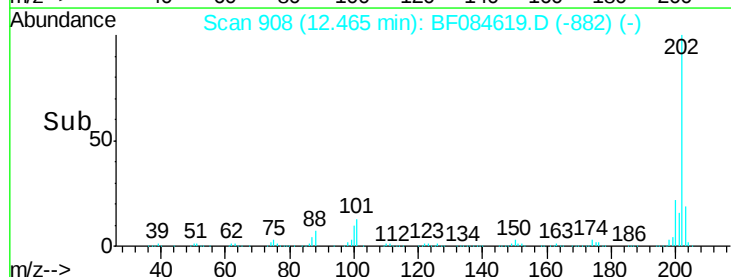
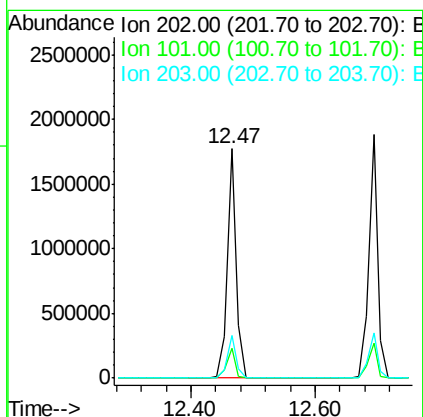
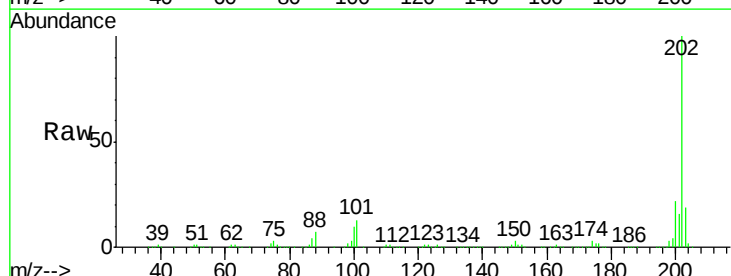
RT: 12.47 min Scan# 908

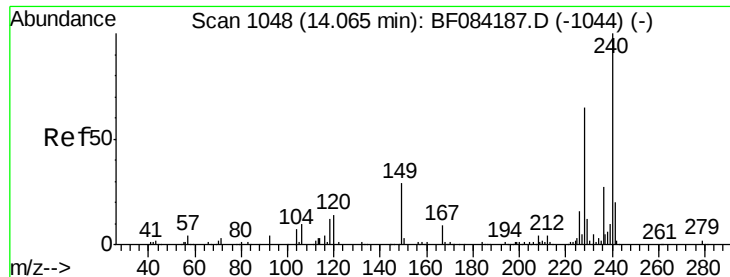
Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Tgt Ion:	202	Resp:	1747418
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	32.8
203	18.8	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

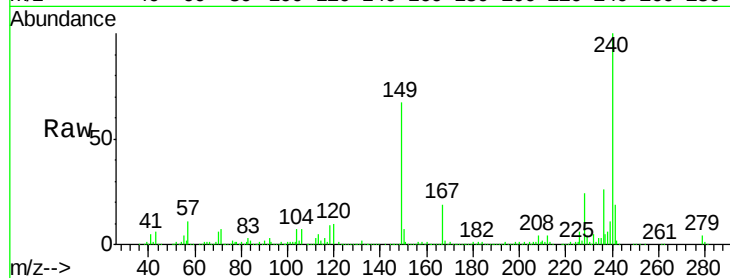
ClientSampleId :

PB87993BS

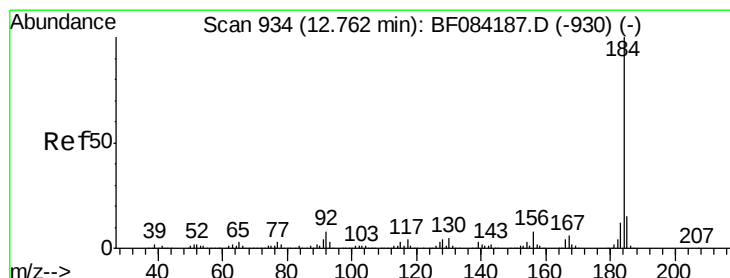
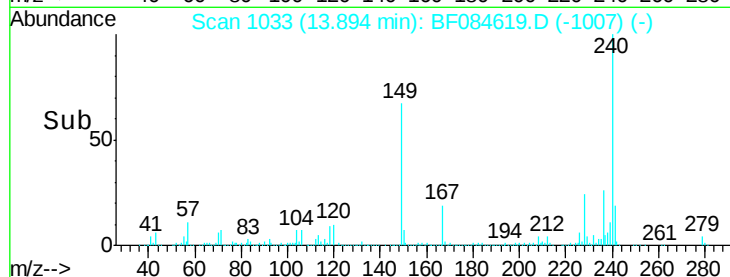
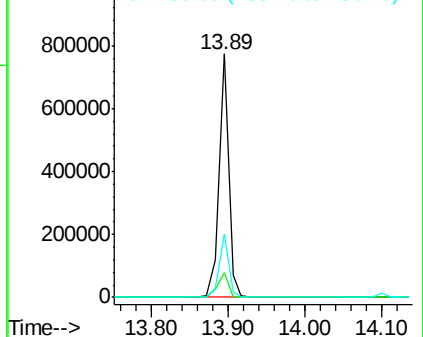
Tgt Ion:	240	Resp:	674038
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.5	14.3
236	25.9	20.6	31.0

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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: 30.75 ng

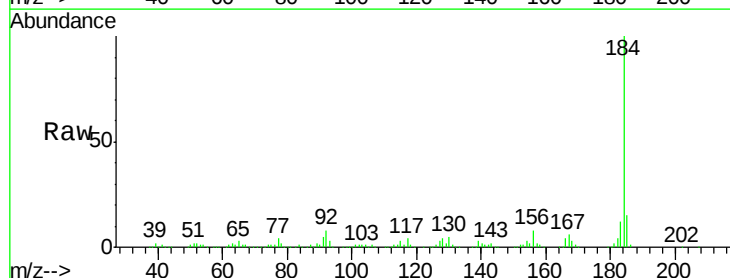
RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

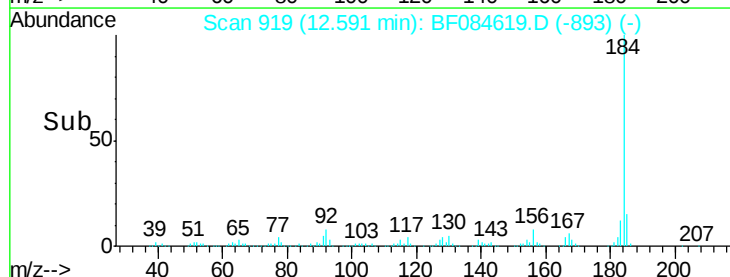
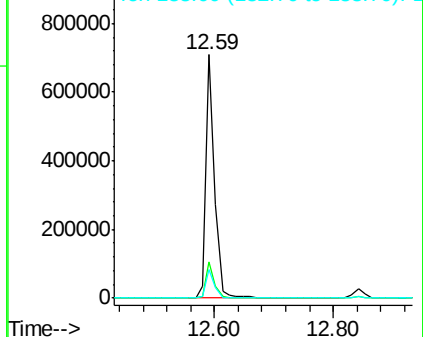
Lab File: BF084619.D

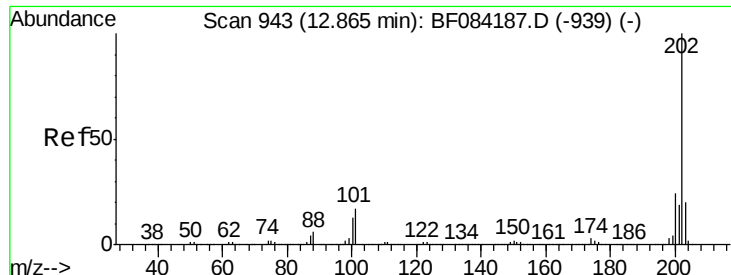
Acq: 27 Jan 2016 14:15

Tgt Ion:	184	Resp:	743146
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	12.0	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





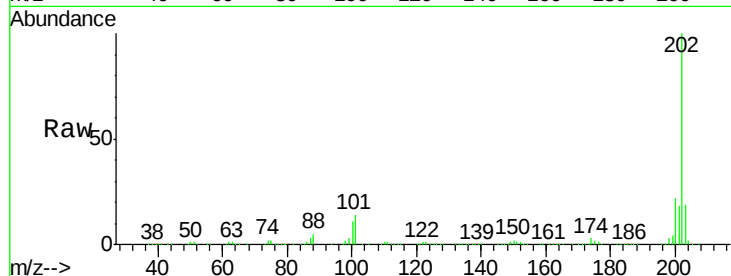
#77
Pyrene
Concen: 34.89 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

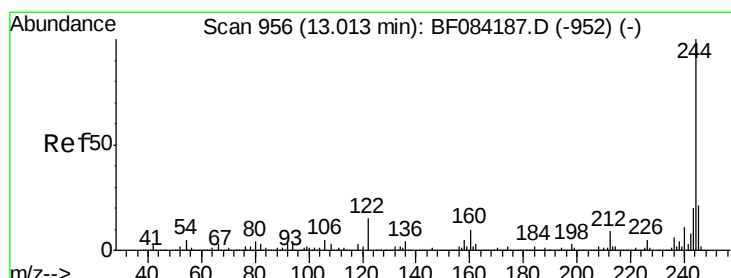
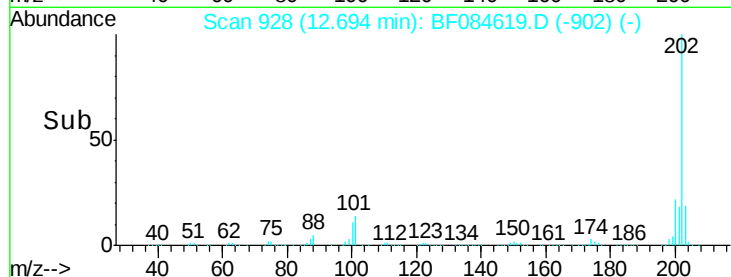
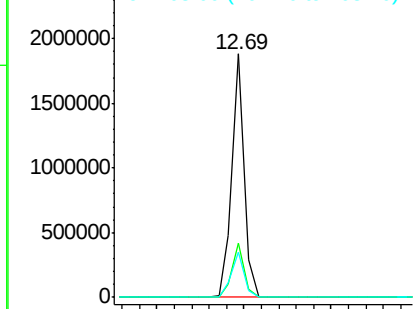
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.2	25.8
203	18.6	14.3	21.5

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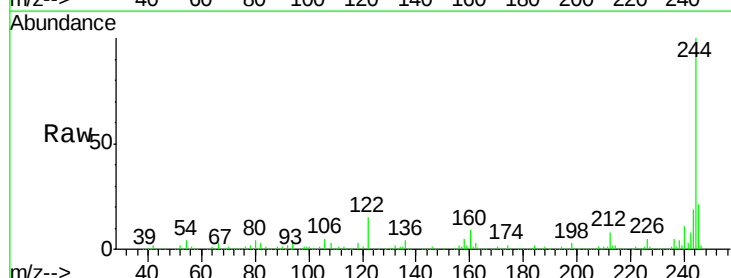


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

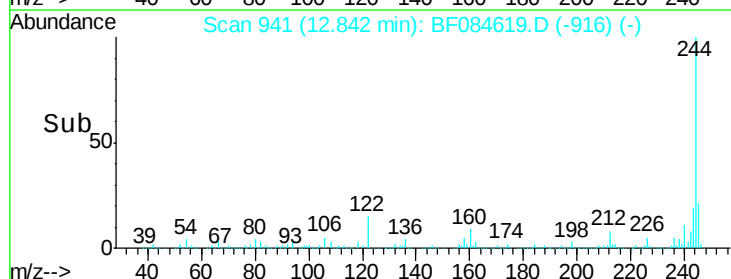
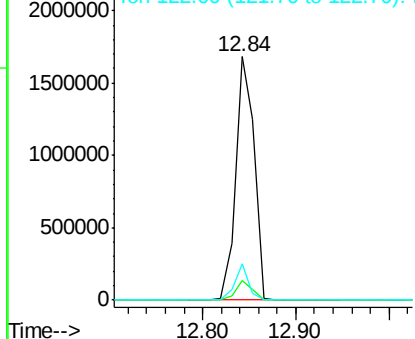


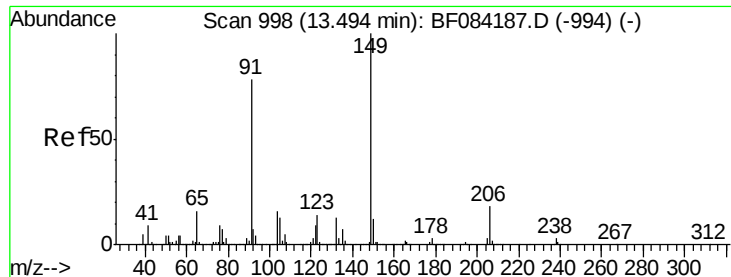
#78
Terphenyl-d14
Concen: 76.58 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	14.8	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





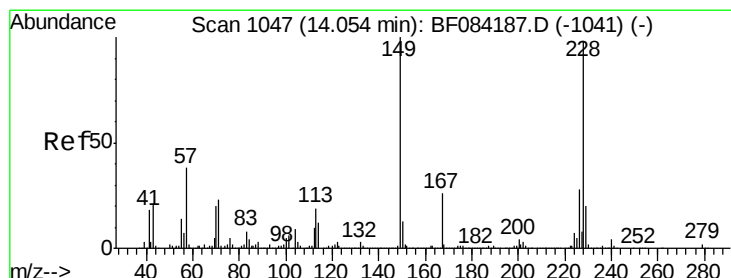
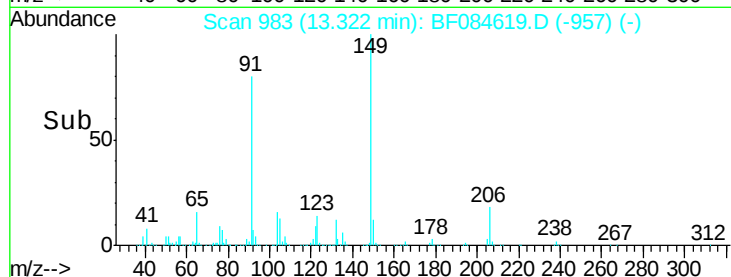
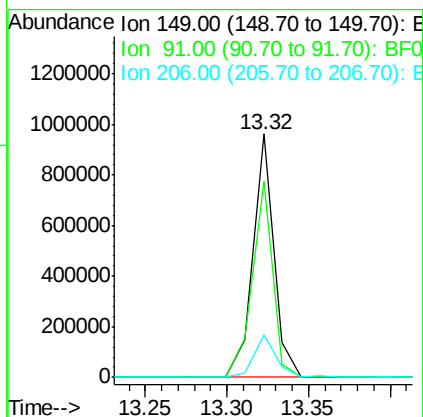
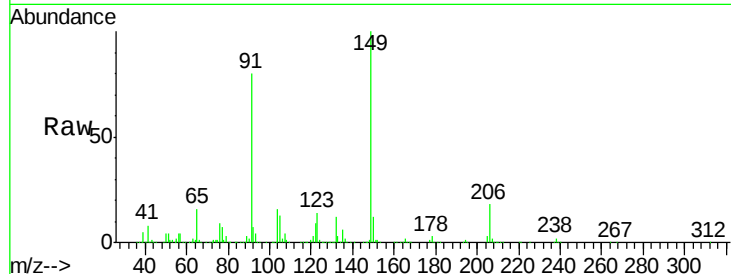
#79
Butylbenzylphthalate
Concen: 37.59 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	860284		
91	80.3	57.6	86.4	
206	17.6	13.2	19.8	

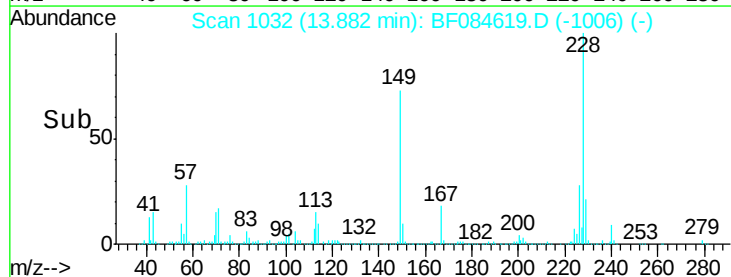
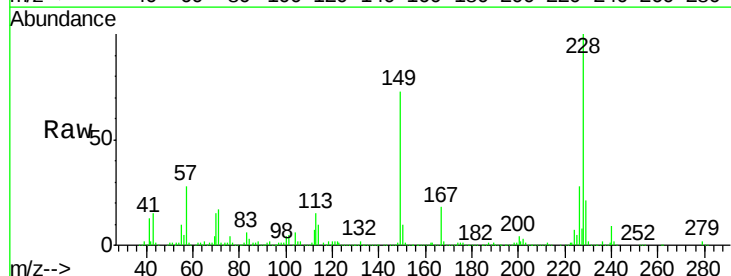
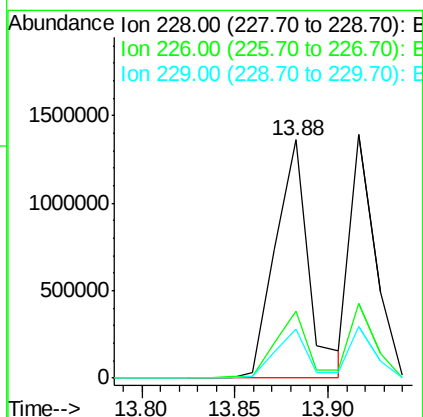
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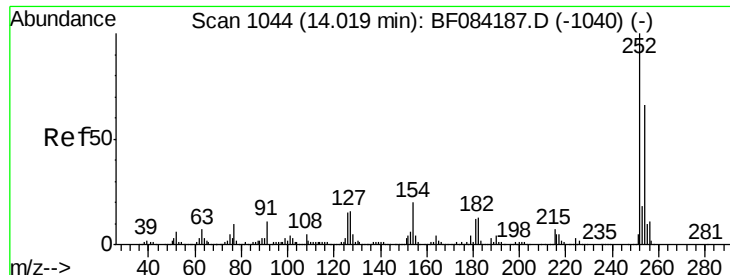
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#80
Benzo(a)anthracene
Concen: 42.87 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1696667		
226	28.0	21.8	32.6	
229	20.6	15.8	23.8	





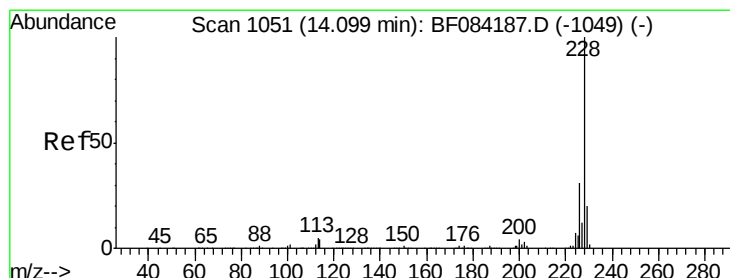
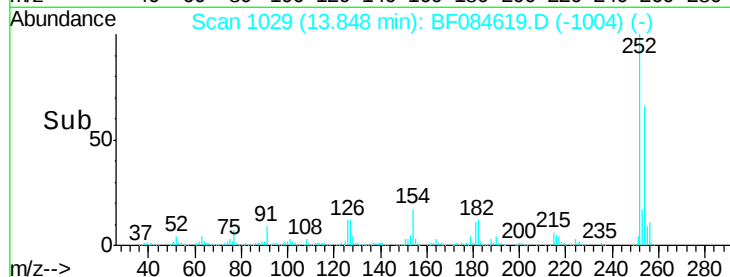
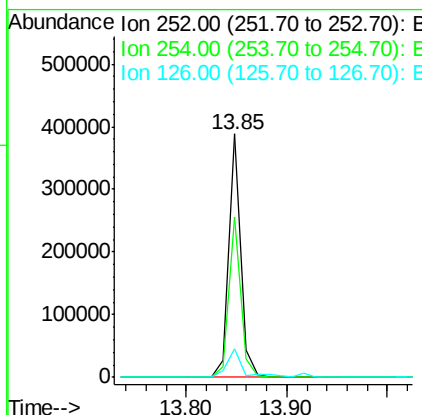
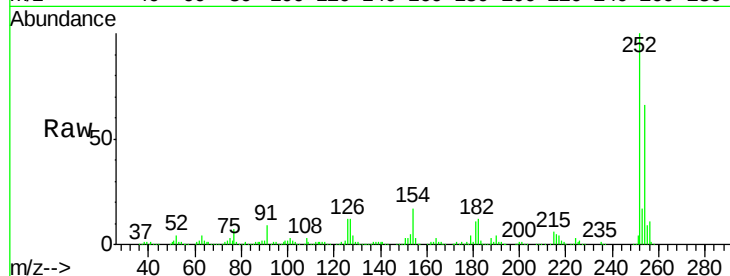
#81
 3,3'-Dichlorobenzidine
 Concen: 23.31 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.8	53.5	80.3
126	11.9	4.9	7.3

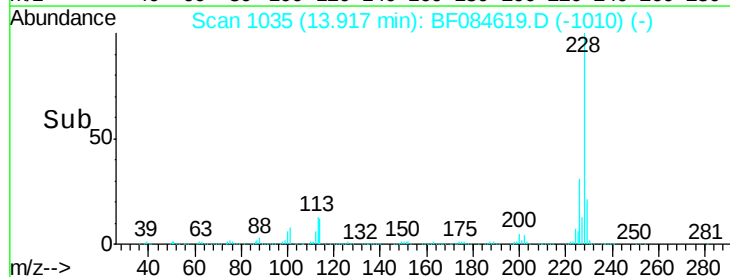
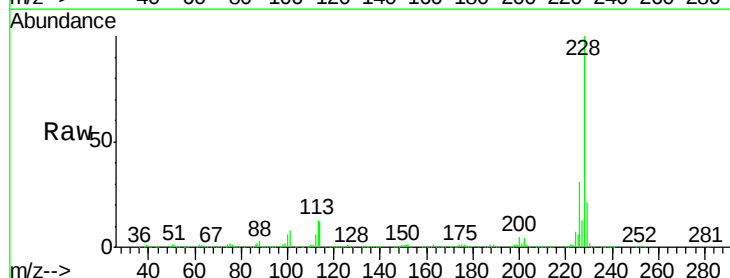
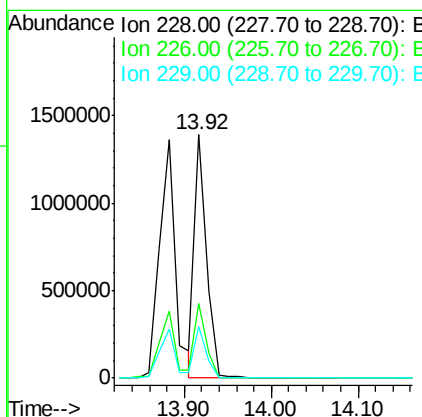
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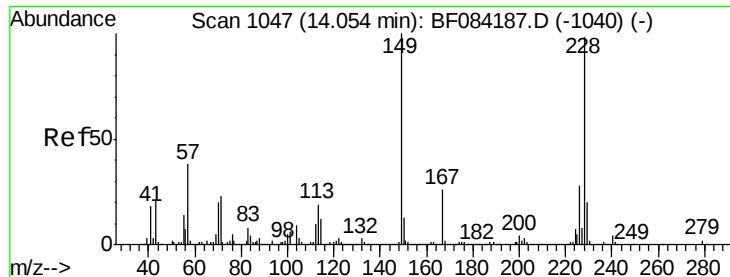
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#82
 Chrysene
 Concen: 34.96 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF084619.D
 Acq: 27 Jan 2016 14:15

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.3	36.5
229	21.0	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.01 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF084619.D

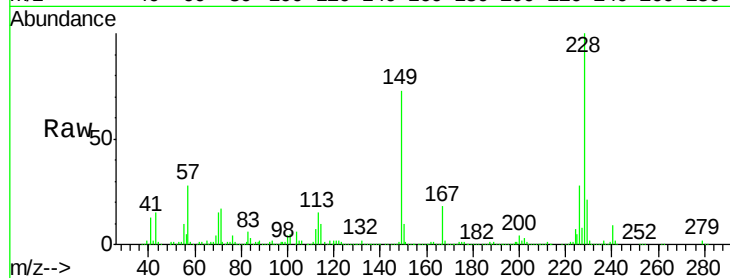
Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampled :

PB87993BS



Tgt Ion:149 Resp: 1099166

Ion Ratio Lower Upper

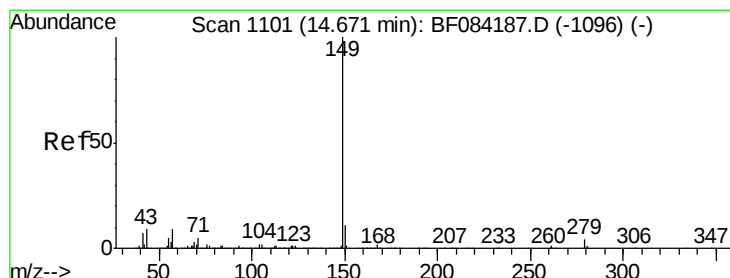
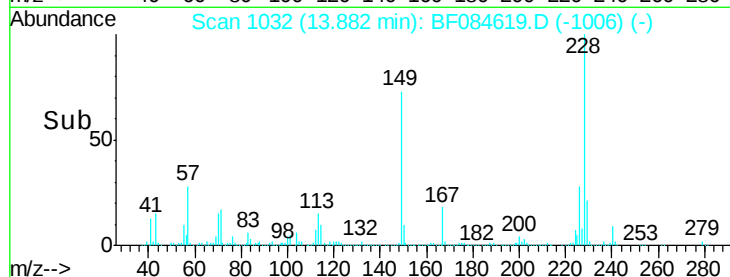
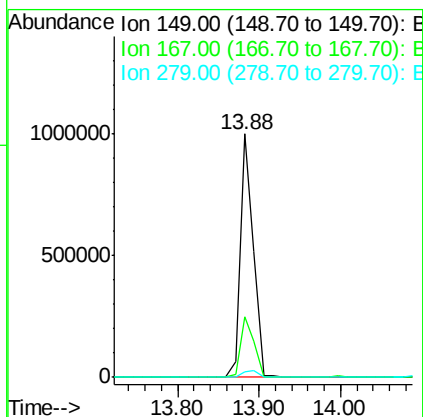
149 100

167 25.1 19.7 29.5

279 2.1 1.8 2.6

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#84

Di-n-octyl phthalate

Concen: 41.48 ng

RT: 14.50 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

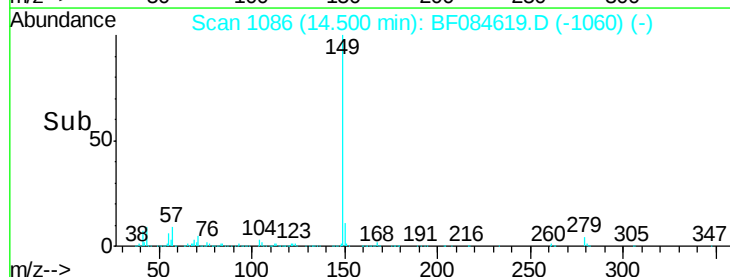
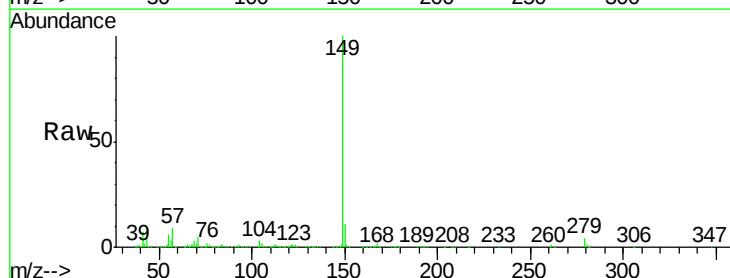
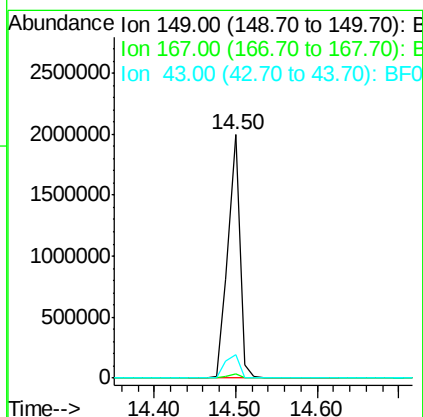
Tgt Ion:149 Resp: 2025174

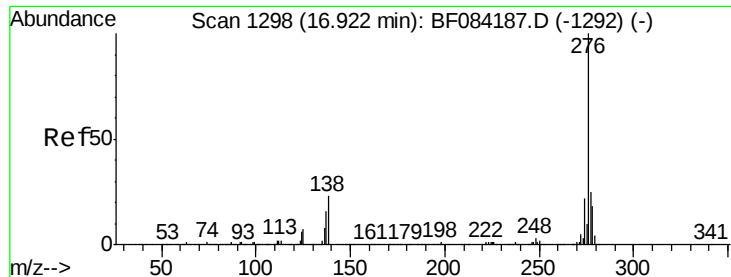
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.7 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.87 ng

RT: 16.60 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB87993BS

Tgt Ion:276 Resp: 1232158

Ion Ratio Lower Upper

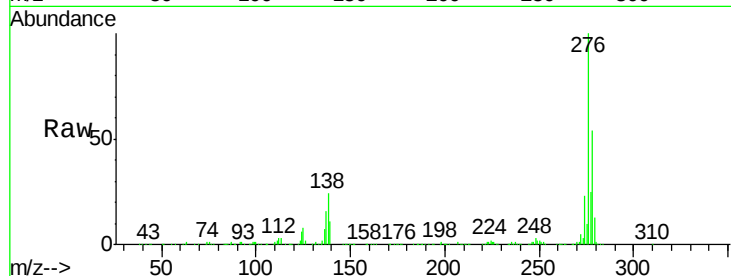
276 100

138 24.4 20.6 30.8

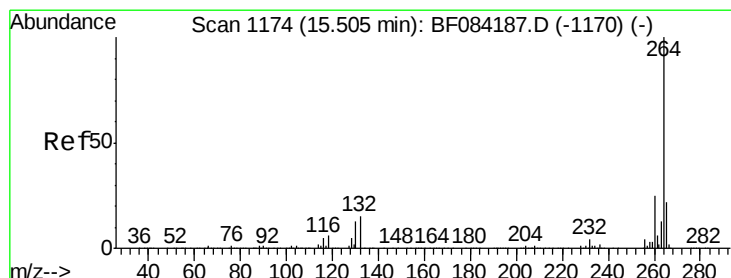
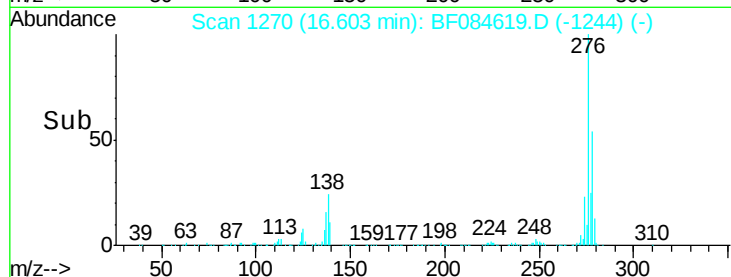
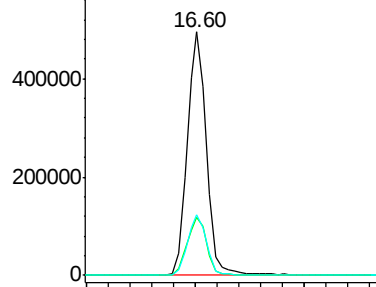
277 25.0 20.1 30.1

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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: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

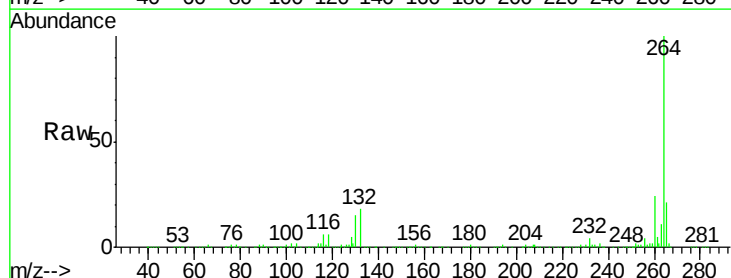
Tgt Ion:264 Resp: 545356

Ion Ratio Lower Upper

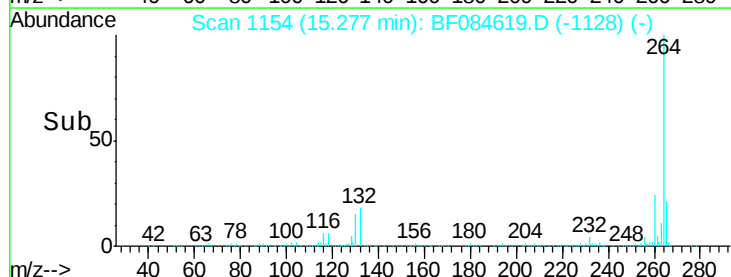
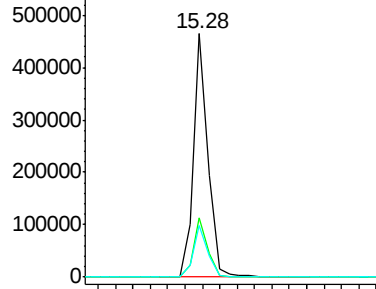
264 100

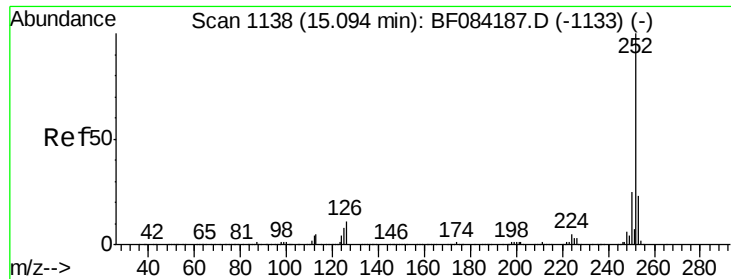
260 24.1 19.4 29.2

265 21.4 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





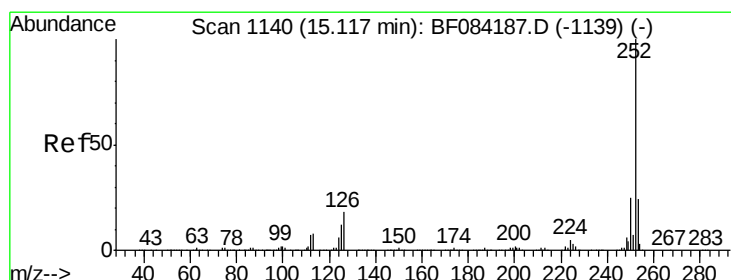
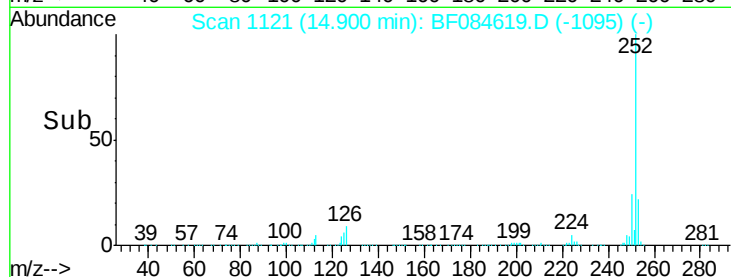
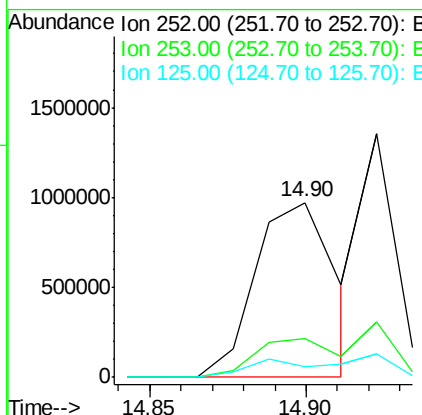
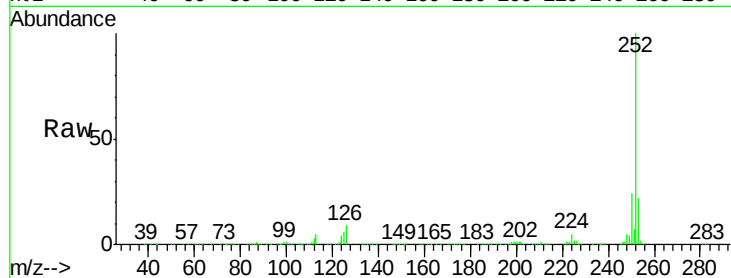
#87
Benzo(b)fluoranthene
Concen: 48.20 ng m
RT: 14.90 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion:252 Resp: 1719664
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 6.4 6.5 9.7#

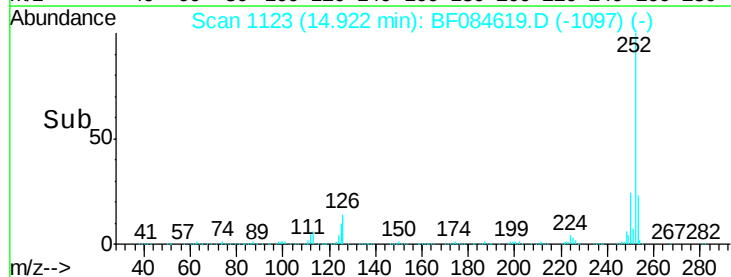
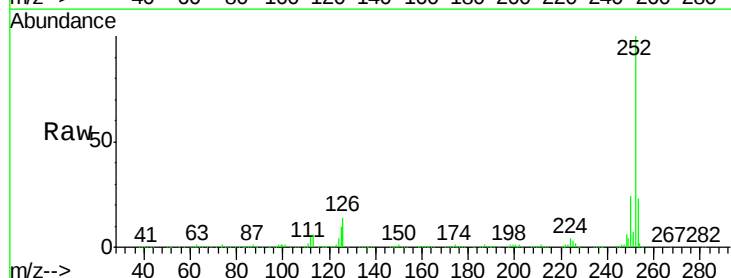
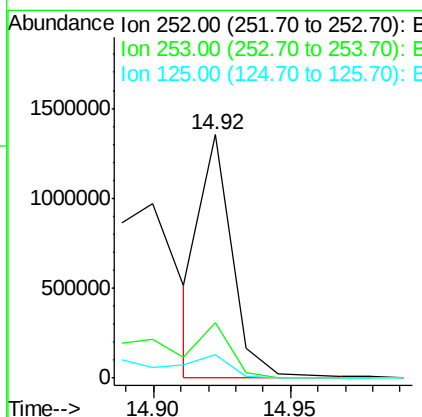
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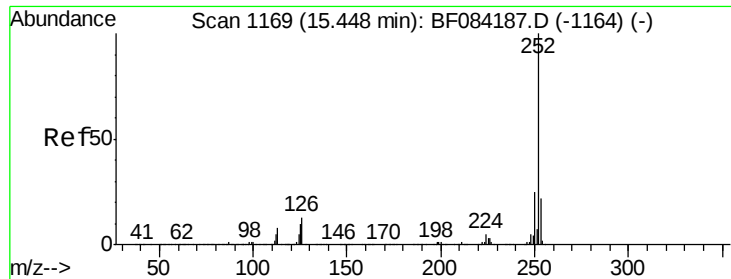
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#88
Benzo(k)fluoranthene
Concen: 36.83 ng m
RT: 14.92 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:252 Resp: 1074610
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 9.8 9.0 13.6





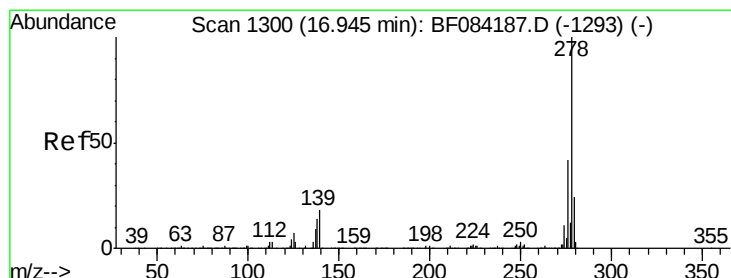
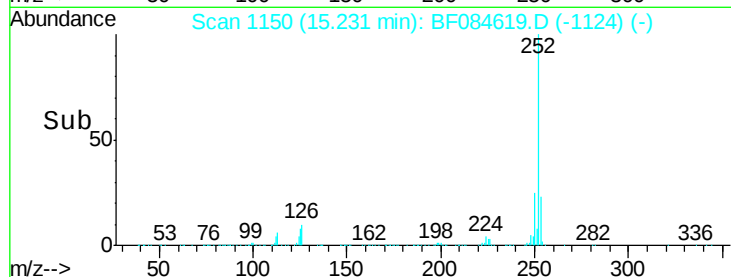
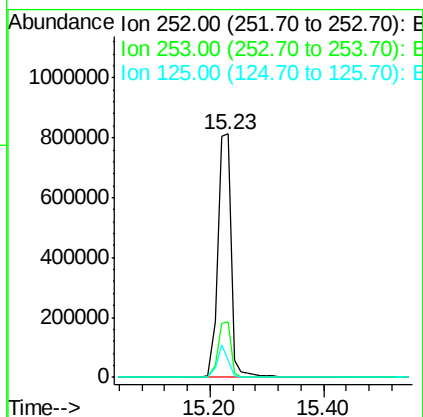
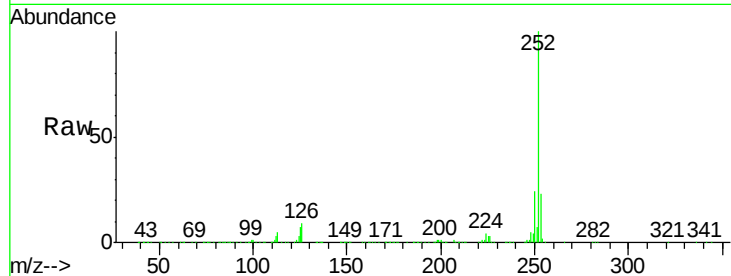
#89
Benzo(a)pyrene
Concen: 43.65 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Instrument :
BNA_F
ClientSampleId :
PB87993BS

Tgt Ion:252 Resp: 1320742
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 7.2 7.0 10.4

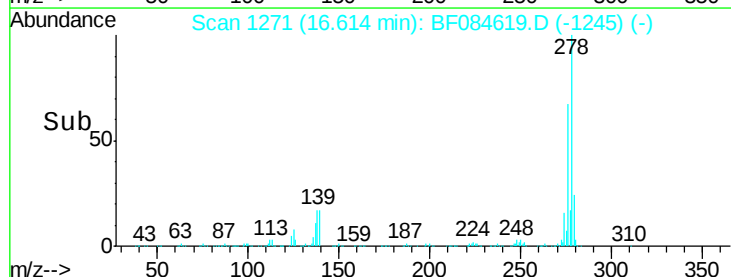
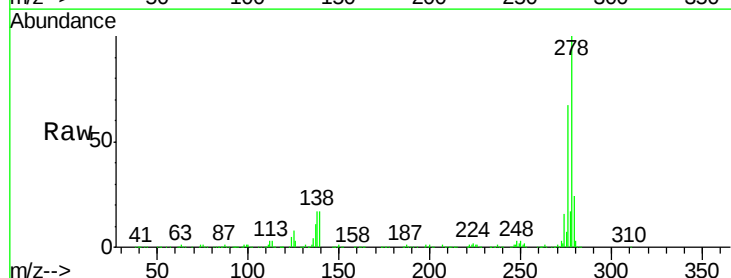
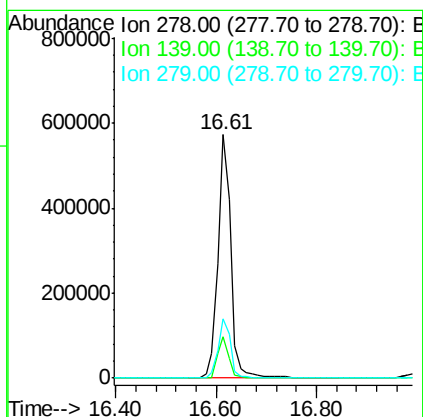
Manual Integrations
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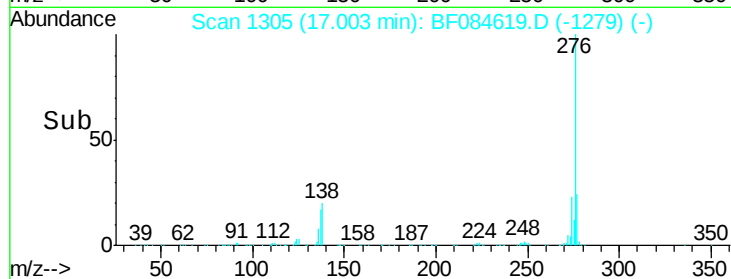
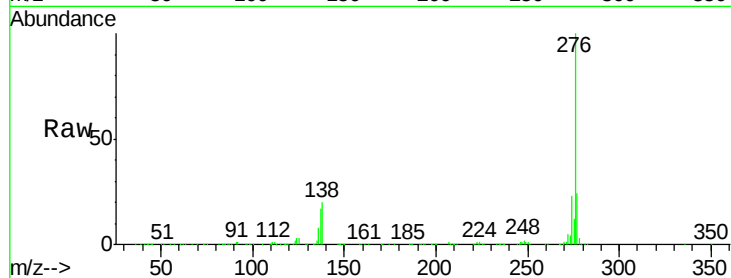
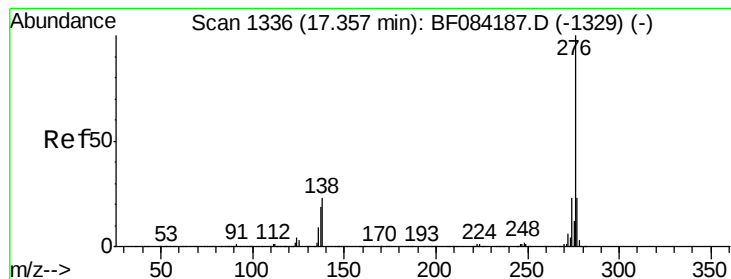
mohammad
1/28/2016 2:21:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.29 ng
RT: 16.61 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF084619.D
Acq: 27 Jan 2016 14:15

Tgt Ion:278 Resp: 1023100
Ion Ratio Lower Upper
278 100
139 17.2 15.0 22.4
279 24.5 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 37.47 ng

RT: 17.00 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF084619.D

Acq: 27 Jan 2016 14:15

Instrument :

BNA_F

ClientSampleId :

PB87993BS

Tgt Ion:276 Resp: 1010334

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 19.9 17.8 26.6

Manual Integrations
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