

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088732.D
 Acq On : 6 Jul 2016 11:58
 Operator : UM/SJ
 Sample : PB91742BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BS

Manual Integrations

APPROVED
 SOHIL
 7/7/2016 1:55:57 AM

Quant Time: Jul 06 16:43:30 2016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 06 16:39:34 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	91724	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	396908	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	183801	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	354252	20.00	ng	0.00
75) Chrysene-d12	13.90	240	228168	20.00	ng	0.00
86) Perylene-d12	15.28	264	183749	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	651665	106.48	ng	0.01
7) Phenol-d6	6.40	99	954874	120.75	ng	0.00
23) Nitrobenzene-d5	7.32	82	549523	72.55	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	209071	122.49	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	999184	85.87	ng	0.00
78) Terphenyl-d14	12.86	244	923668	90.17	ng	0.00

7/7/2016 1:55:57 AM

Target Compounds

						Qvalue
3) Pyridine	3.04	79	250544	28.46	ng	92
4) n-Nitrosodimethylamine	2.99	42	110610	32.88	ng	90
6) Aniline	6.42	93	275095	23.87	ng	# 54
8) 2-Chlorophenol	6.55	128	283372	43.08	ng	91
9) Benzaldehyde	6.30	77	197559	36.88	ng	81
10) Phenol	6.42	94	296672	32.87	ng	# 60
11) bis(2-Chloroethyl)ether	6.50	93	264005	39.23	ng	89
12) 1,3-Dichlorobenzene	6.70	146	251691m	34.77	ng	
13) 1,4-Dichlorobenzene	6.78	146	281301	39.15	ng	97
14) 1,2-Dichlorobenzene	6.92	146	243565	36.22	ng	# 86
15) Benzyl Alcohol	6.90	79	238152	40.92	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	332508	34.11	ng	88
17) 2-Methylphenol	7.03	107	244683	45.60	ng	98
18) Hexachloroethane	7.27	117	105802	38.07	ng	# 81
19) n-Nitroso-di-n-propylamine	7.19	70	210704	39.67	ng	# 83
20) 3+4-Methylphenols	7.18	107	265385	41.21	ng	# 83
22) Acetophenone	7.18	105	380194	39.47	ng	# 87
24) Nitrobenzene	7.35	77	333509	43.67	ng	92
25) Isophorone	7.59	82	550060	39.21	ng	97
26) 2-Nitrophenol	7.66	139	140989	45.02	ng	90
27) 2,4-Dimethylphenol	7.70	122	249606	38.27	ng	87
28) bis(2-Chloroethoxy)methane	7.80	93	379797	41.60	ng	# 96
29) 2,4-Dichlorophenol	7.91	162	246170	46.70	ng	95
30) 1,2,4-Trichlorobenzene	7.99	180	229755	39.72	ng	99
31) Naphthalene	8.07	128	820923	41.95	ng	99
33) 4-Chloroaniline	8.11	127	172635	19.83	ng	98
34) Hexachlorobutadiene	8.19	225	128012	41.33	ng	98
35) Caprolactam	8.49	113	75644m	42.25	ng	
36) 4-Chloro-3-methylphenol	8.60	107	263452	42.27	ng	93
37) 2-Methylnaphthalene	8.75	142	473469	37.58	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	219182	35.85	ng	# 1
40) Hexachlorocyclopentadiene	8.91	237	228712	76.22	ng	100
42) 2,4,6-Trichlorophenol	9.04	196	185457	46.01	ng	98
43) 2,4,5-Trichlorophenol	9.07	196	146232	42.17	ng	# 83

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 QLast Update : Wed Jul 06 16:39:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.22	154	630248	41.41	ng	98
46) 2-Chloronaphthalene	9.24	162	498163	41.69	ng	99
47) 2-Nitroaniline	9.34	65	156477	36.90	ng	95
48) Acenaphthylene	9.66	152	741968	39.03	ng	99
49) Dimethylphthalate	9.53	163	598527	45.71	ng	100
50) 2,6-Dinitrotoluene	9.59	165	146842	50.60	ng	# 70
51) Acenaphthene	9.83	154	432816	37.14	ng	98
52) 3-Nitroaniline	9.75	138	90612	24.56	ng	91
53) 2,4-Dinitrophenol	9.85	184	10728	8.37	ng	# 81
54) Dibenzofuran	10.00	168	656595	43.05	ng	# 87
55) 4-Nitrophenol	9.92	139	207312	73.95	ng	94
56) 2,4-Dinitrotoluene	9.99	165	168687	44.46	ng	# 51
57) Fluorene	10.34	166	493917	42.02	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	115863	43.18	ng	# 55
59) Diethylphthalate	10.23	149	568205	43.24	ng	99
60) 4-Chlorophenyl-phenylether	10.34	204	250622	45.89	ng	91
61) 4-Nitroaniline	10.36	138	130624	36.79	ng	81
62) Azobenzene	10.50	77	698916	46.63	ng	90
64) 4,6-Dinitro-2-methylphenol	10.40	198	18866	9.96	ng	# 56
65) n-Nitrosodiphenylamine	10.46	169	459346	38.31	ng	99
66) 4-Bromophenyl-phenylether	10.82	248	141725	39.70	ng	# 72
67) Hexachlorobenzene	10.89	284	172237	43.58	ng	# 90
68) Atrazine	10.99	200	175833	47.06	ng	97
69) Pentachlorophenol	11.08	266	79214	33.87	ng	98
70) Phenanthrene	11.30	178	881449	45.52	ng	99
71) Anthracene	11.35	178	759052	39.42	ng	99
72) Carbazole	11.51	167	841325	46.42	ng	99
73) Di-n-butylphthalate	11.84	149	941552	44.66	ng	# 99
74) Fluoranthene	12.48	202	832954	42.43	ng	100
76) Benzidine	12.61	184	489149	42.41	ng	98
77) Pyrene	12.71	202	874684	45.21	ng	99
79) Butylbenzylphthalate	13.34	149	402672	46.66	ng	98
80) Benzo(a)anthracene	13.89	228	641452	43.66	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	93053	16.85	ng	# 97
82) Chrysene	13.93	228	636827	43.81	ng	97
83) Bis(2-ethylhexyl)phthalate	13.90	149	482138	48.94	ng	# 100
84) Di-n-octyl phthalate	14.50	149	720208	43.03	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.61	276	505140	45.17	ng	# 100
87) Benzo(b)fluoranthene	14.89	252	477396m	41.42	ng	
88) Benzo(k)fluoranthene	14.93	252	498724m	49.70	ng	
89) Benzo(a)pyrene	15.22	252	432702	44.34	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	414598	50.87	ng	99
91) Benzo(g,h,i)perylene	17.01	276	436502	51.76	ng	# 94

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

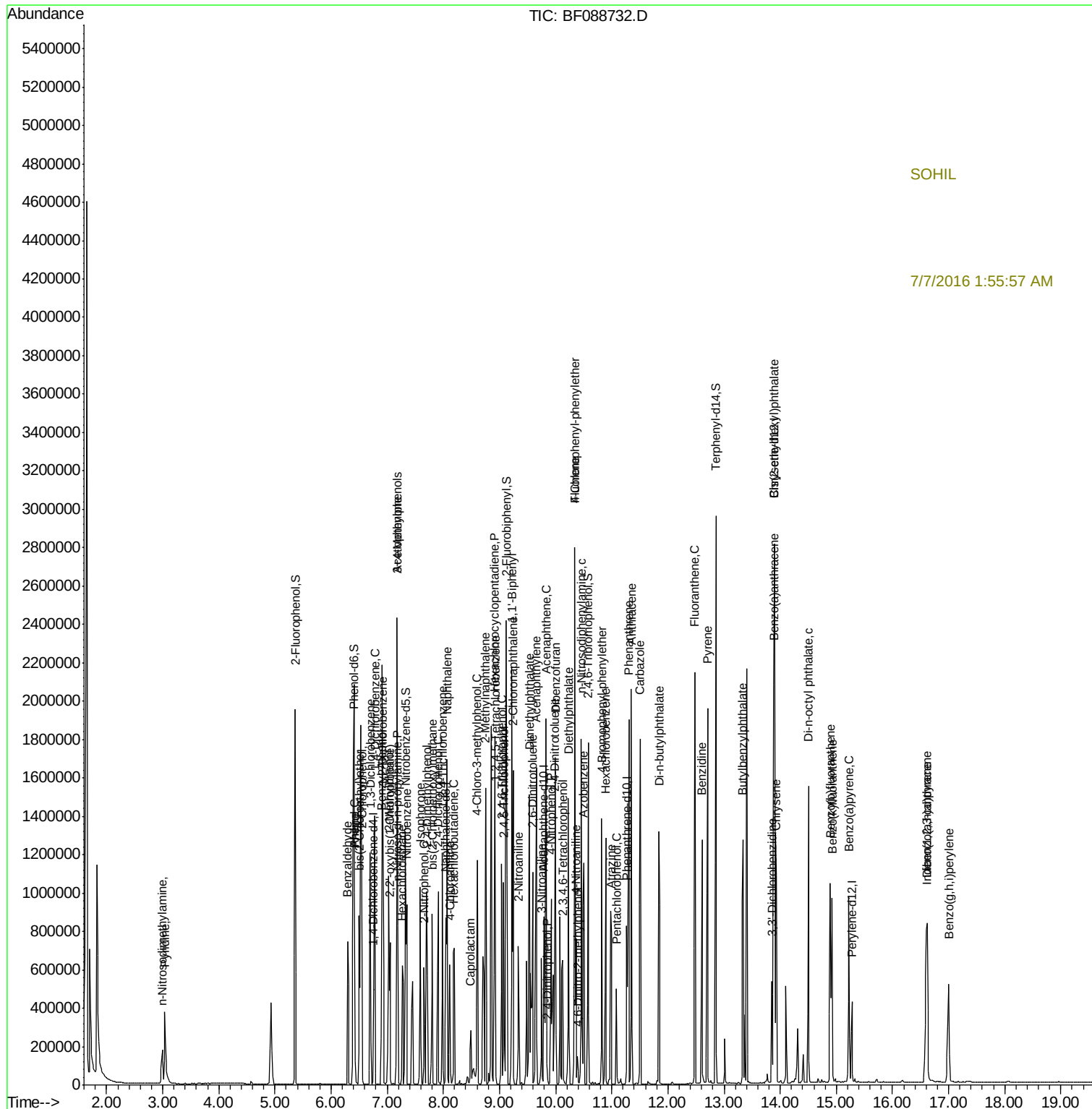
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
Data File : BF088732.D
Acq On : 6 Jul 2016 11:58
Operator : UM/SJ
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Misc :
ALS Vial : 4 Sample Multiplier: 1

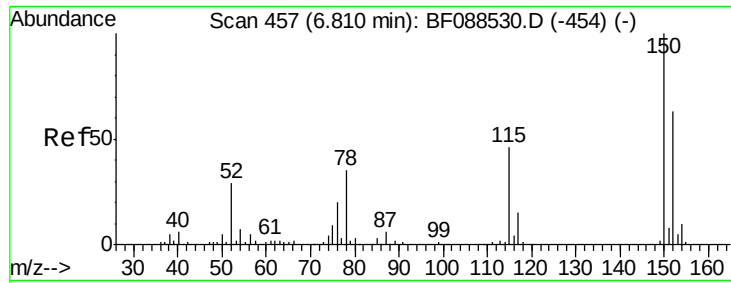
Instrument :
BNA_F
ClientSampleId :
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#1

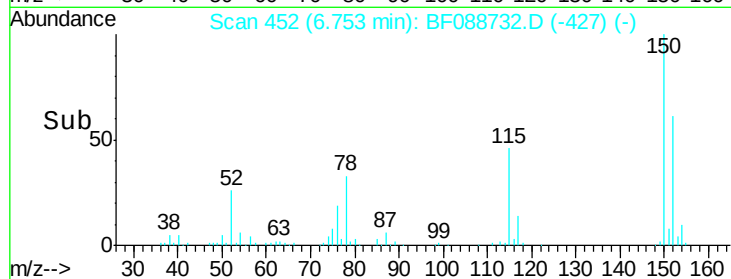
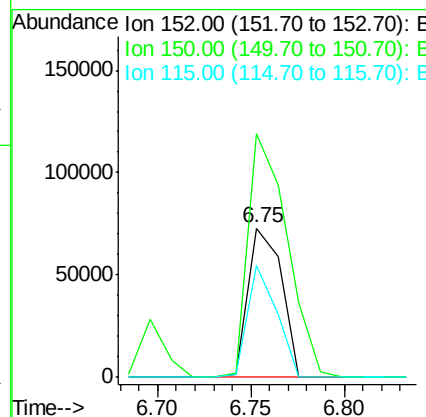
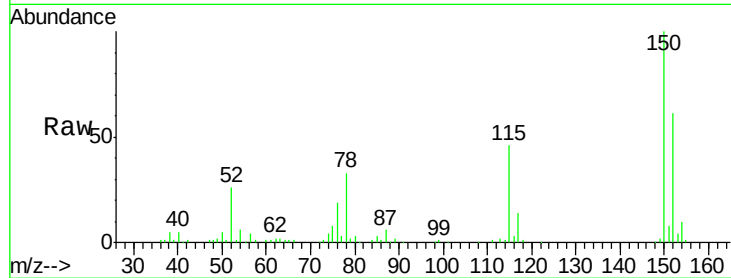
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampled :
PB91742BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.9	123.8	185.6
115	74.4	39.6	59.4

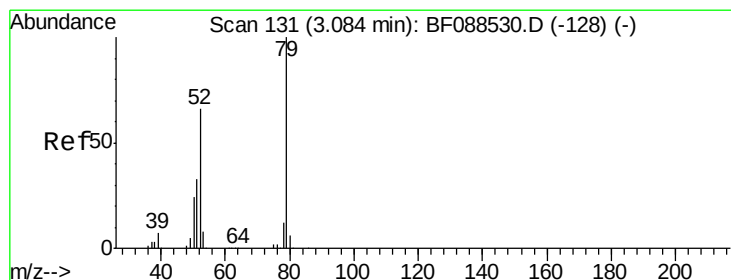
Manual Integrations

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7/7/2016 1:55:57 AM



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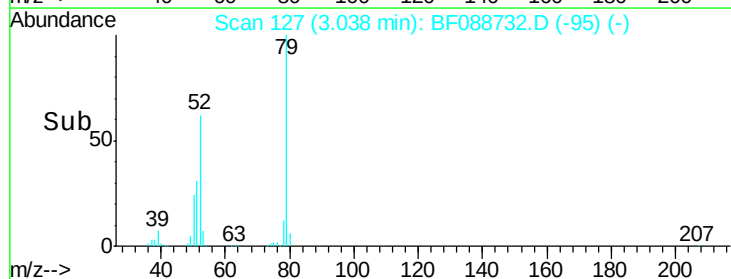
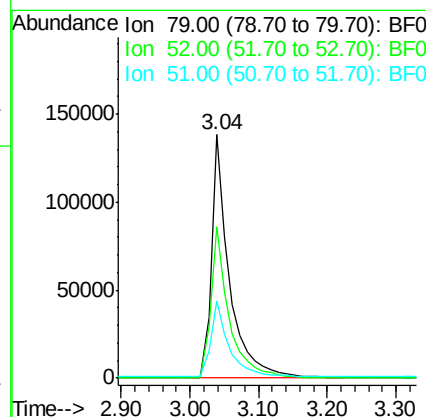
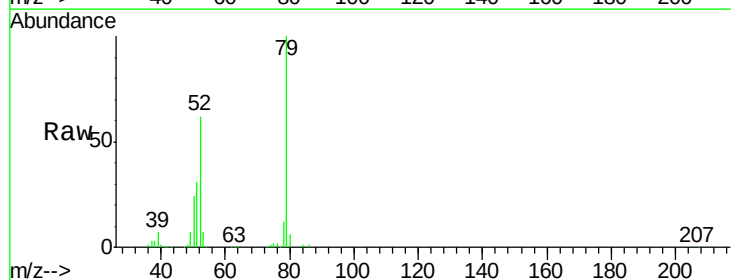
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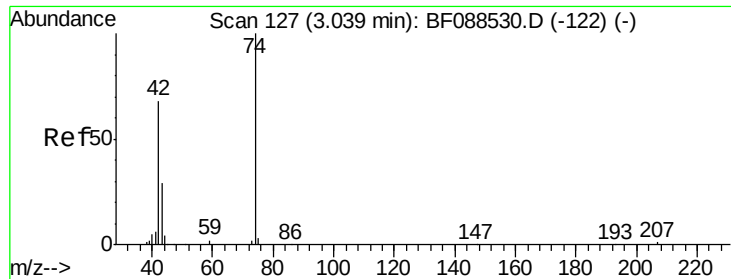


#3

Pyridine
Concen: 28.46 ng
RT: 3.04 min Scan# 127
Delta R.T. 0.07 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.3	56.3	84.5
51	31.5	27.4	41.2





#4

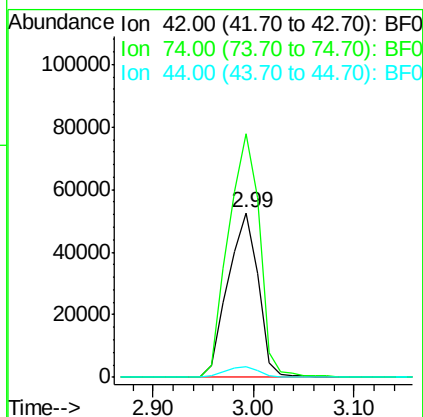
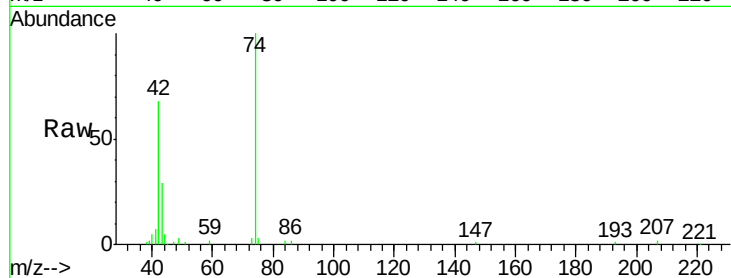
n-Nitrosodimethylamine
Concen: 32.88 ng
RT: 2.99 min Scan# 123
Delta R.T. 0.07 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampled :
PB91742BS

Tgt Ion: 42 Resp: 110610
Ion Ratio Lower Upper
42 100
74 148.1 108.6 163.0
44 6.9 5.5 8.3

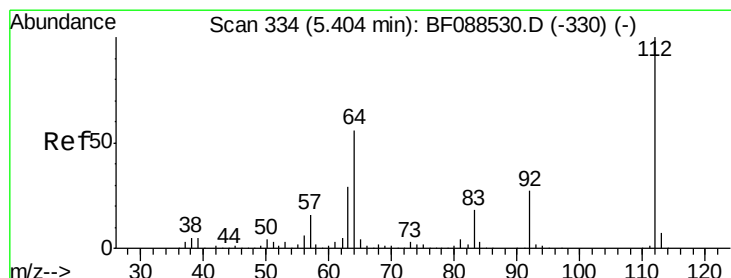
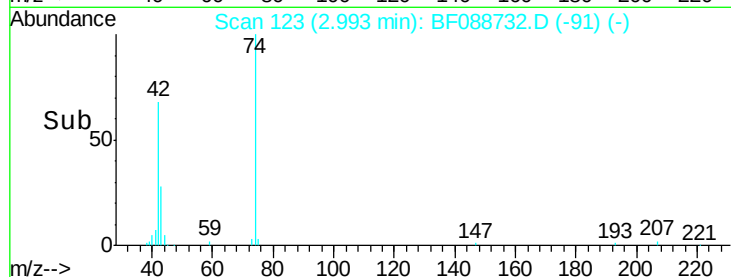
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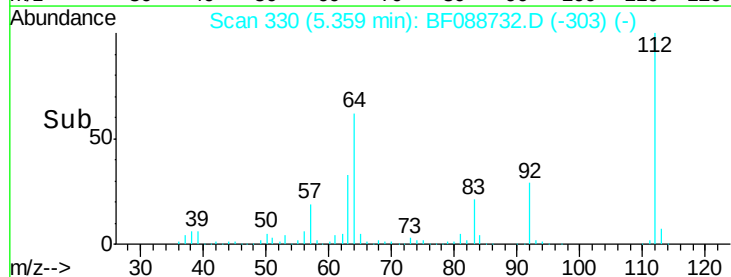
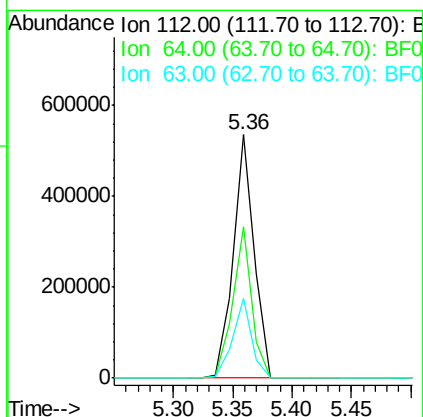
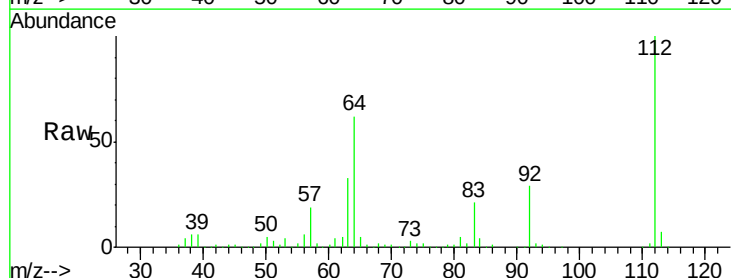
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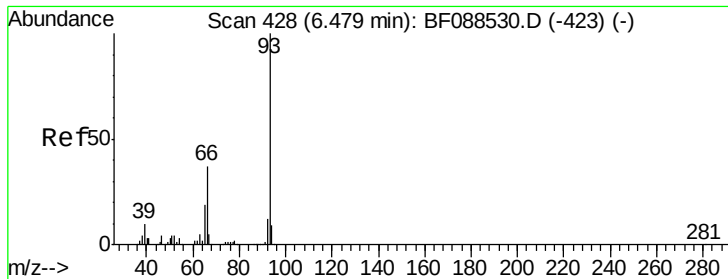


#5

2-Fluorophenol
Concen: 106.48 ng
RT: 5.36 min Scan# 330
Delta R.T. 0.01 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion: 112 Resp: 651665
Ion Ratio Lower Upper
112 100
64 62.2 42.2 63.2
63 33.0 21.8 32.8#





#6

Aniline

Concen: 23.87 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF088732.D

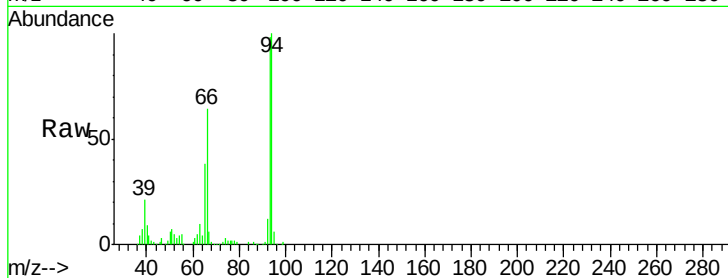
Acq: 6 Jul 2016 11:58

Instrument :

BNA_F

ClientSampled :

PB91742BS



Tgt Ion: 93 Resp: 275095

Ion Ratio Lower Upper

93 100

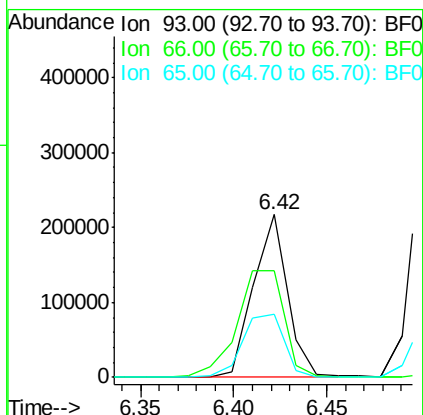
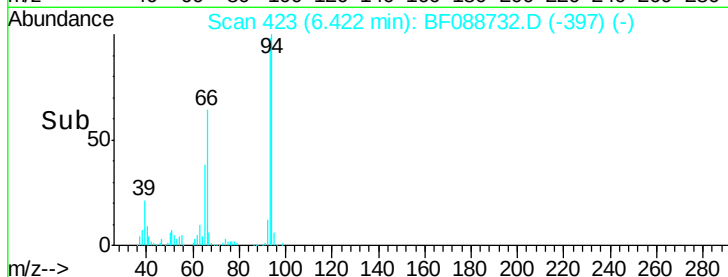
66 65.2 29.8 44.8#

65 38.5 14.9 22.3#

Manual Integrations

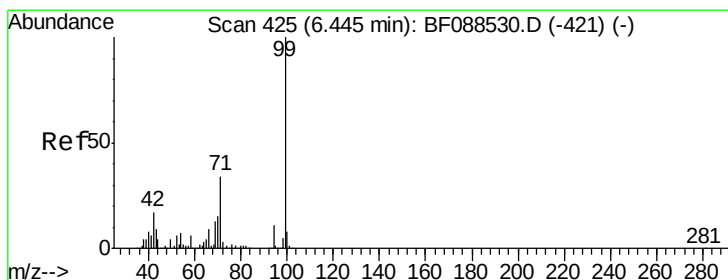
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7/7/2016 1:55:57 AM



#7

Phenol-d6

Concen: 120.75 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

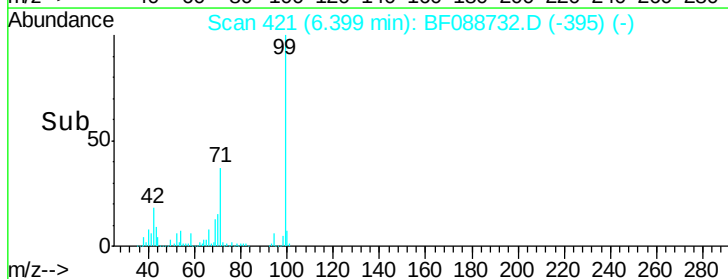
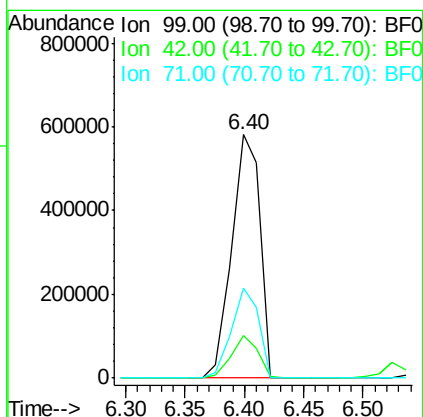
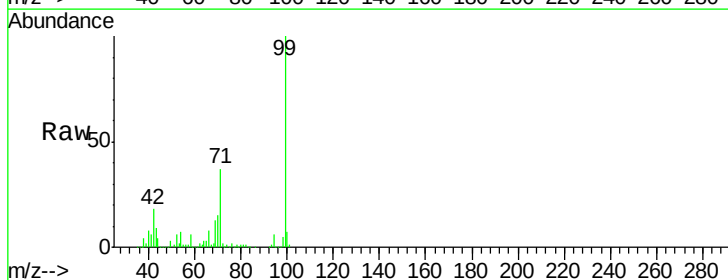
Tgt Ion: 99 Resp: 954874

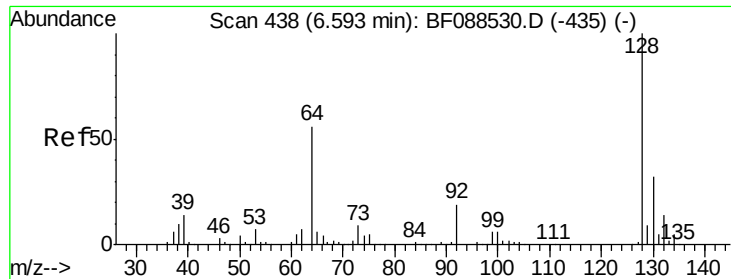
Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 37.1 23.4 35.0#





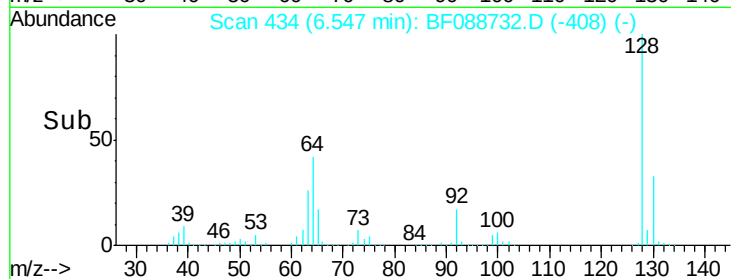
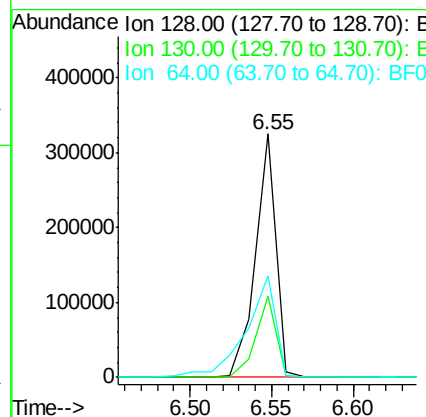
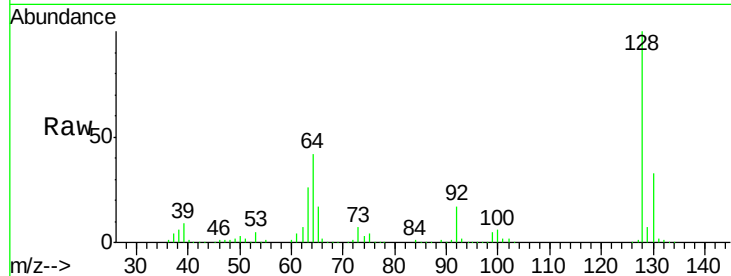
#8
2-Chlorophenol
Concen: 43.08 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampleId :
PB91742BS

Tgt Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.0	52.0
64	41.6	30.8	70.8

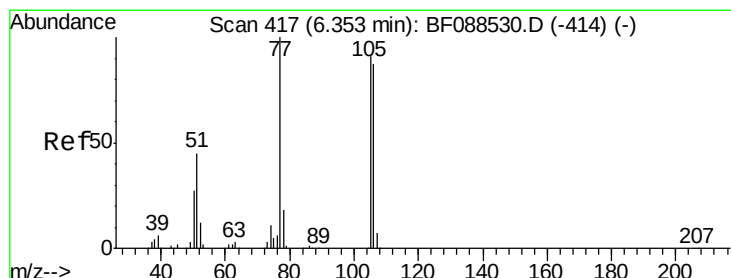
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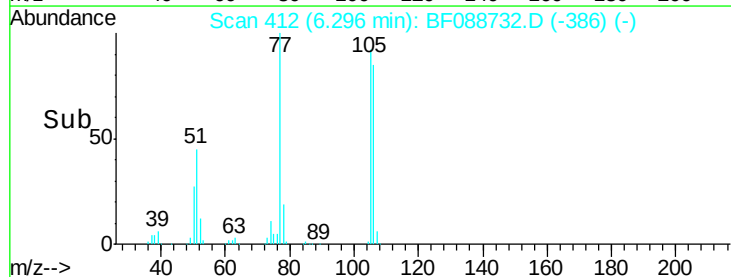
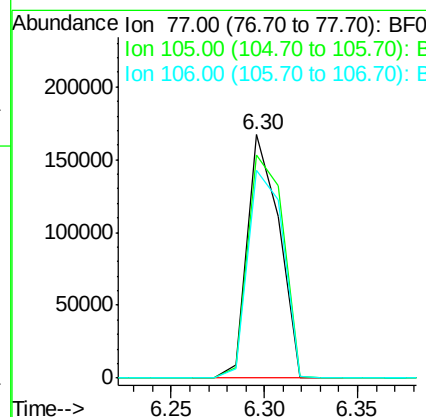
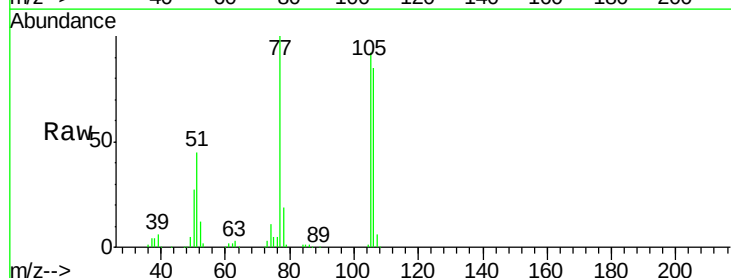
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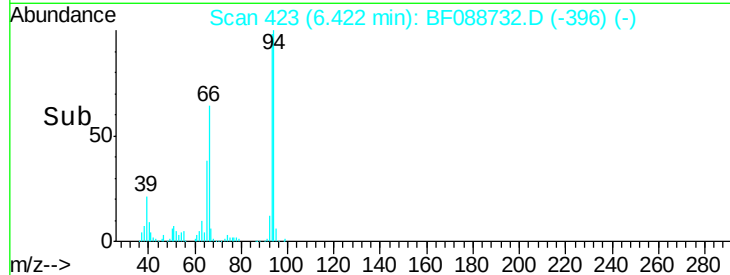
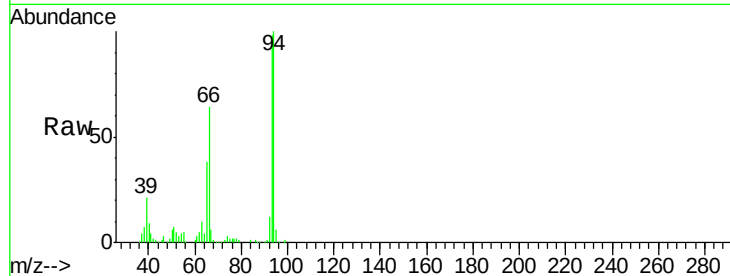
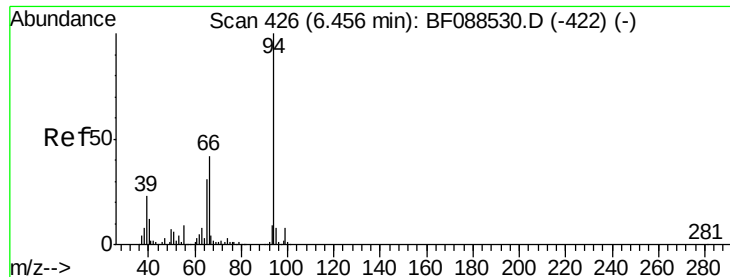
7/7/2016 1:55:57 AM



#9
Benzaldehyde
Concen: 36.88 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

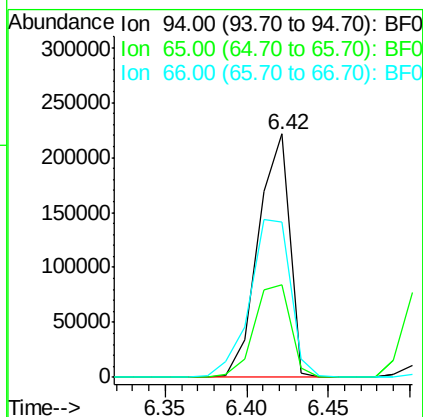
Tgt Ion	Ratio	Lower	Upper
77	100		
105	91.5	90.6	130.6
106	85.4	85.3	125.3





#10
Phenol
Concen: 32.87 ng
RT: 6.42 min Scan# 423
Delta R.T. 0.01 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.8	5.9	45.9
66	64.0	14.0	54.0#



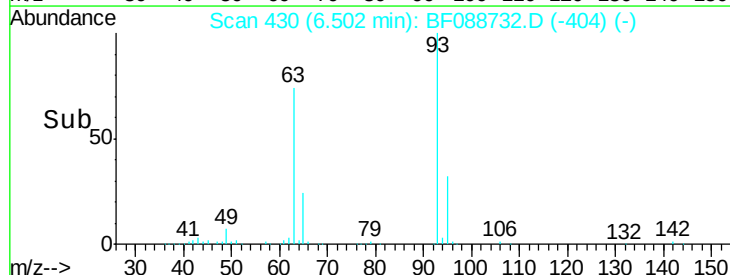
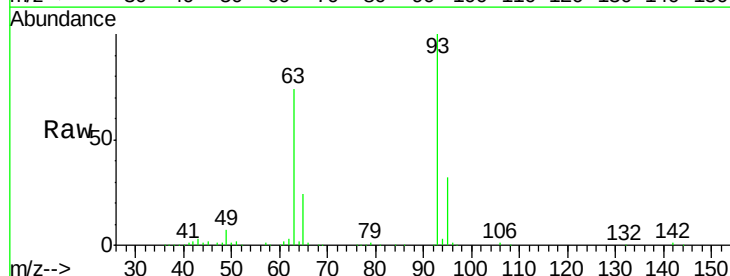
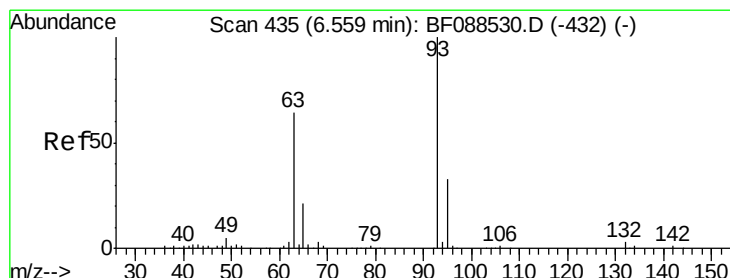
Instrument :
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ClientSampled :
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7/7/2016 1:55:57 AM

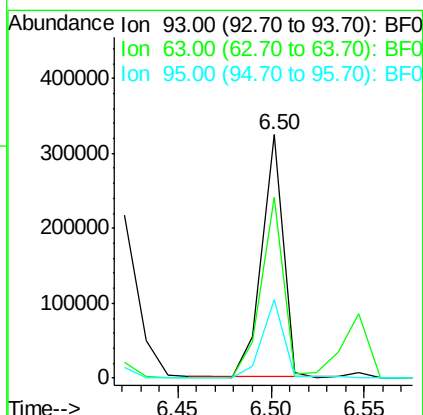
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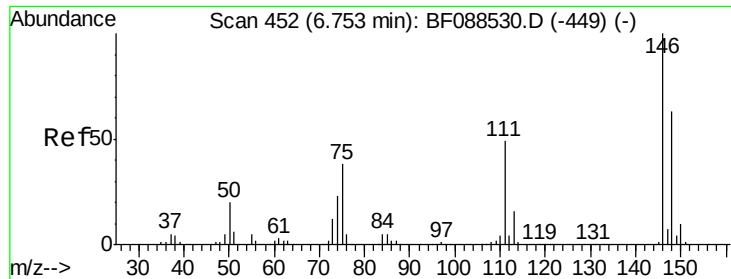
7/7/2016 1:55:57 AM



#11
bis(2-Chloroethyl)ether
Concen: 39.23 ng
RT: 6.50 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.1	67.6	107.6
95	32.1	12.5	52.5





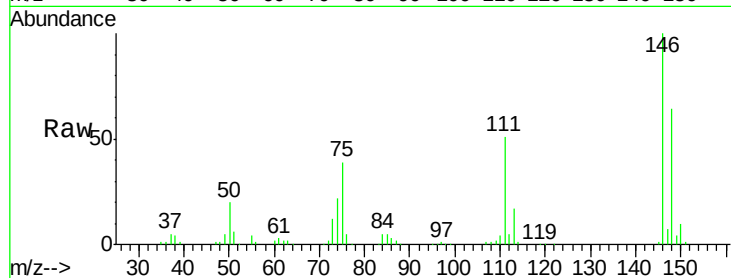
#12
 1,3-Dichlorobenzene
 Concen: 34.77 ng m
 RT: 6.70 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Instrument :
 BNA_F
 ClientSampled :
 PB91742BS

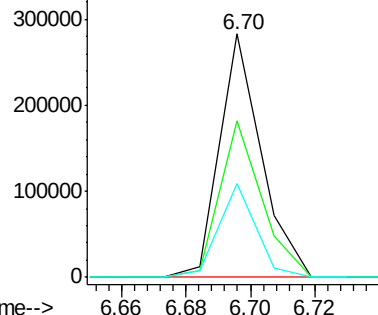
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.9	76.3
75	38.7	25.6	38.4

Manual Integrations

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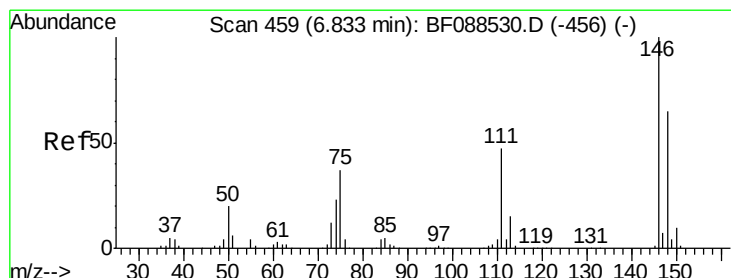
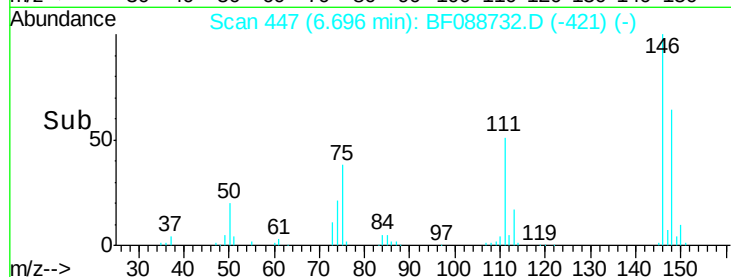


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0



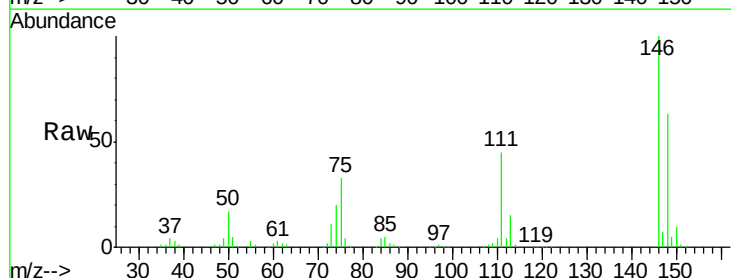
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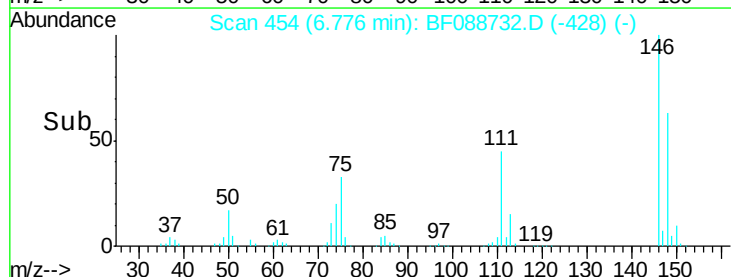
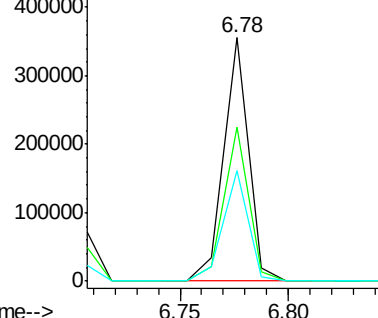


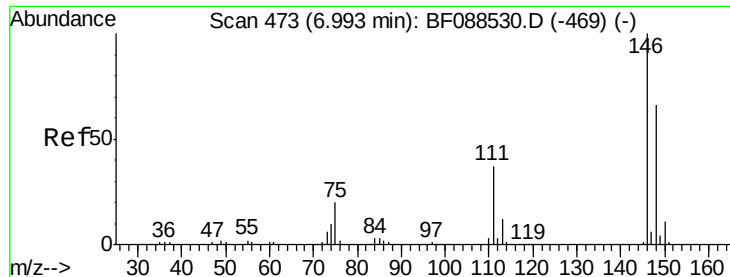
#13
 1,4-Dichlorobenzene
 Concen: 39.15 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.0	78.0
111	45.5	33.8	50.8



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





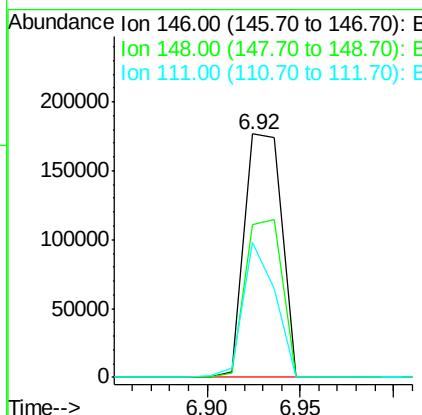
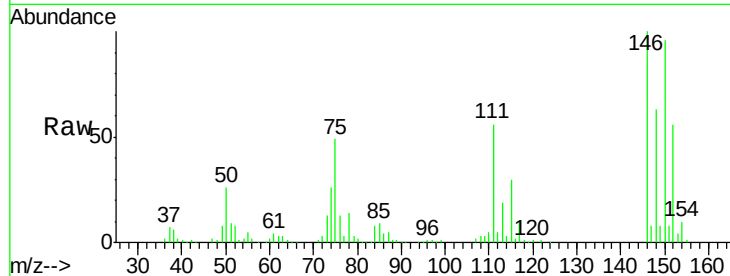
#14
1,2-Dichlorobenzene
Concen: 36.22 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampled :
PB91742BS

Tgt Ion: 146 Resp: 243565
Ion Ratio Lower Upper
146 100
148 62.5 52.3 78.5
111 55.6 28.7 43.1#

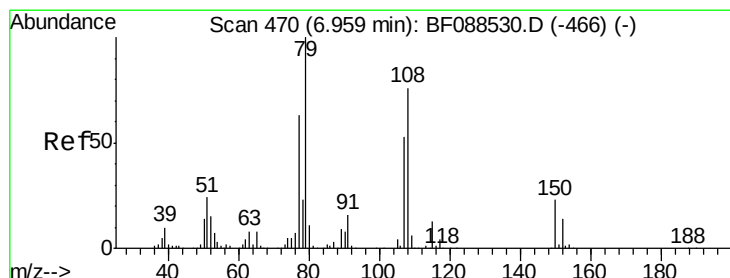
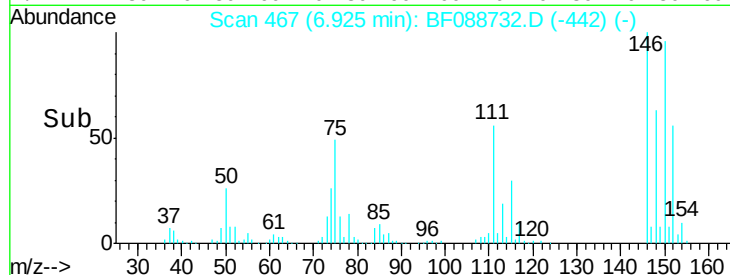
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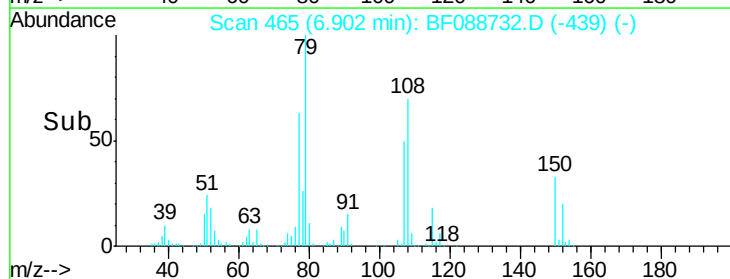
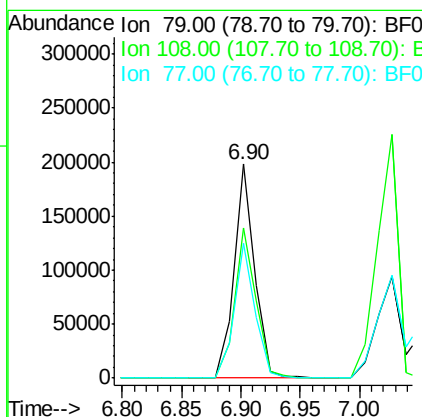
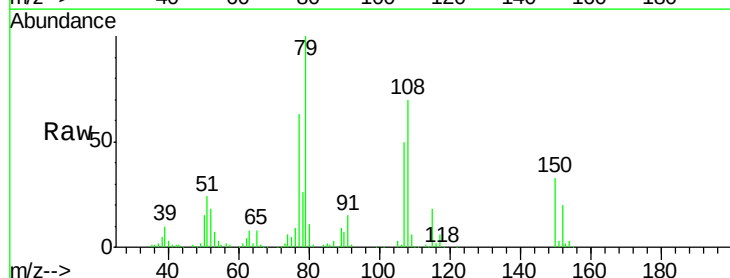
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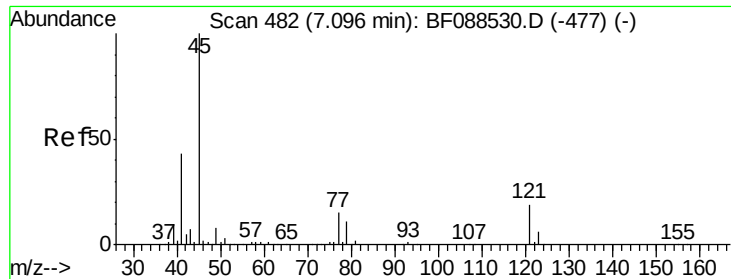
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#15
Benzyl Alcohol
Concen: 40.92 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion: 79 Resp: 238152
Ion Ratio Lower Upper
79 100
108 70.1 65.0 97.6
77 63.1 50.3 75.5





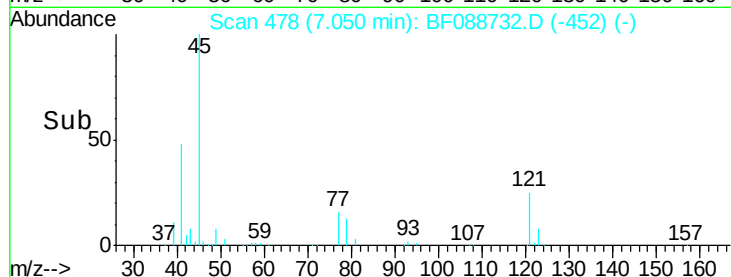
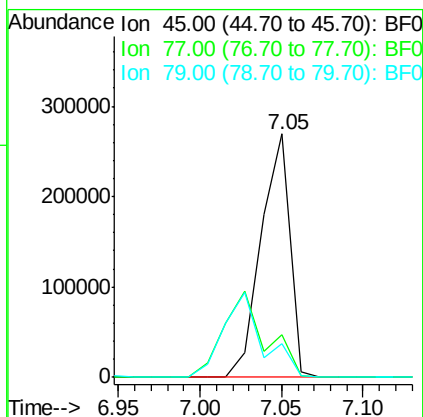
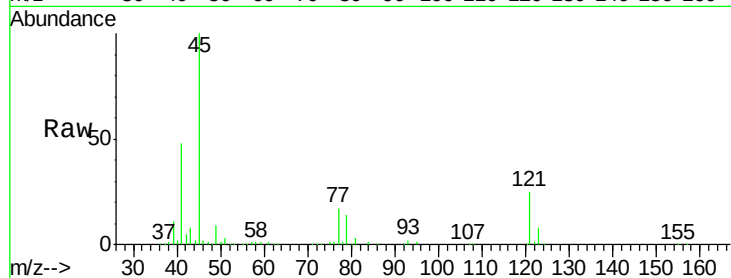
#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.11 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampled :
PB91742BS

Tgt Ion: 45 Resp: 332508
Ion Ratio Lower Upper
45 100
77 17.5 0.0 32.5
79 13.9 0.0 29.5

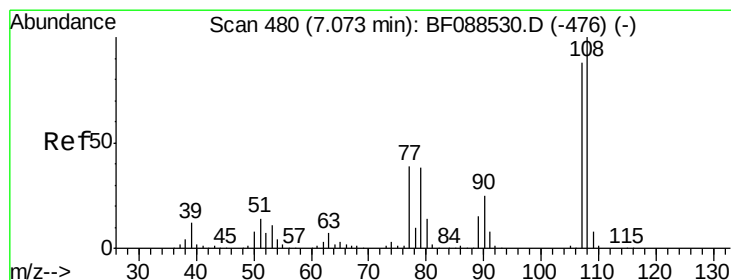
Manual Integrations

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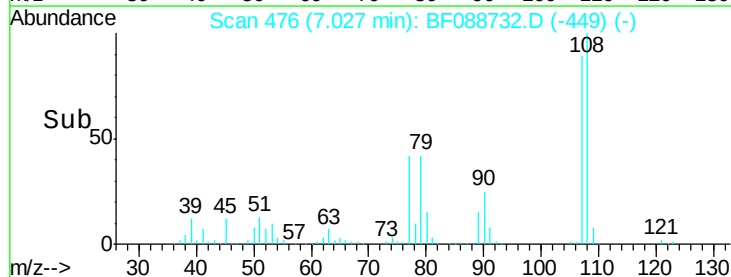
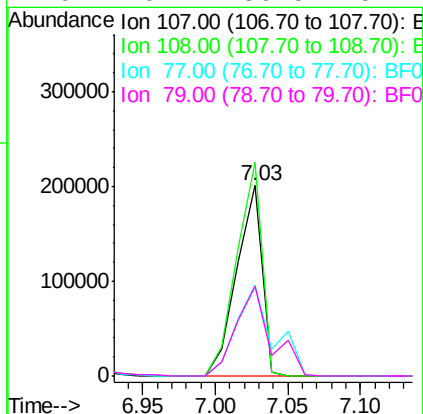
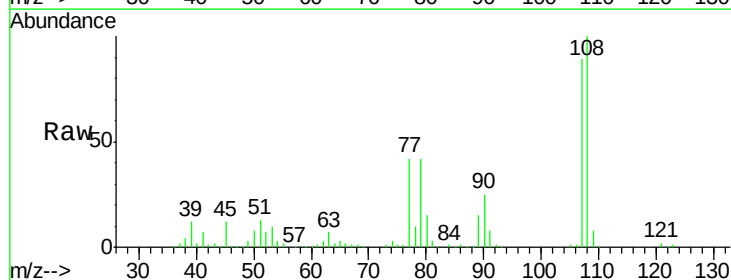
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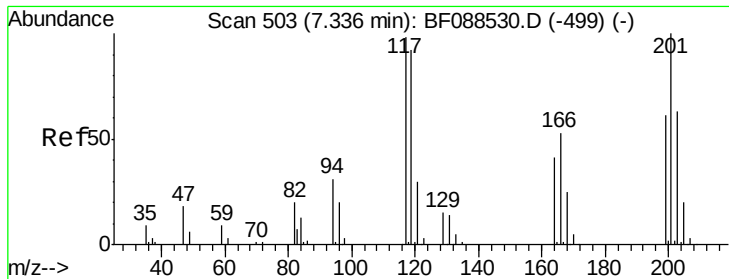
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#17
2-Methylphenol
Concen: 45.60 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.01 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

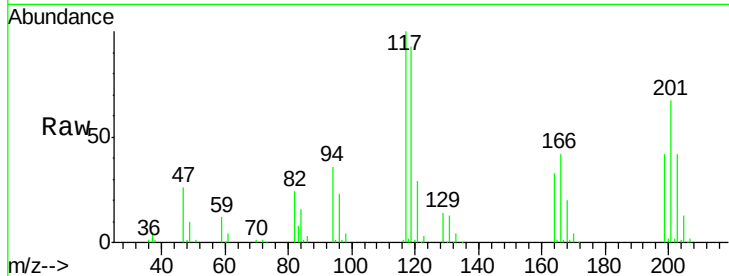
Tgt Ion: 107 Resp: 244683
Ion Ratio Lower Upper
107 100
108 112.1 90.9 136.3
77 47.4 36.6 55.0
79 46.7 36.5 54.7





#18
Hexachloroethane
Concen: 38.07 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

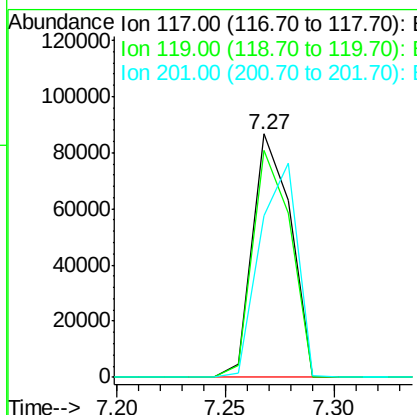
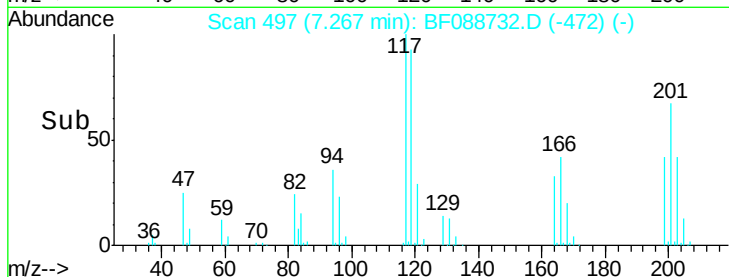
Instrument :
BNA_F
ClientSampleId :
PB91742BS



Tgt Ion: 117 Resp: 105802
Ion Ratio Lower Upper
117 100
119 93.1 77.4 116.2
201 66.5 80.4 120.6#

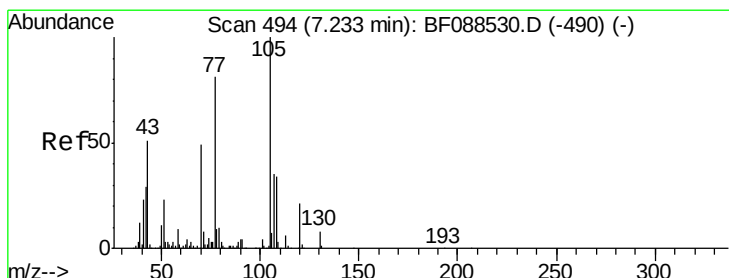
Manual Integrations

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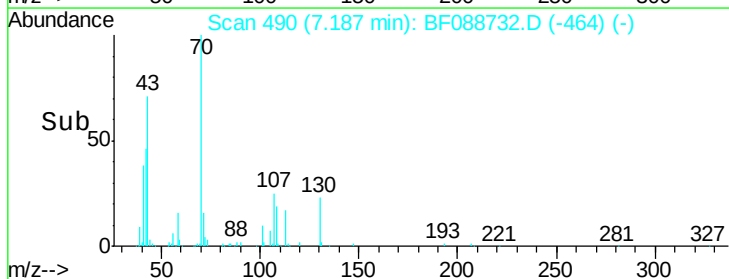
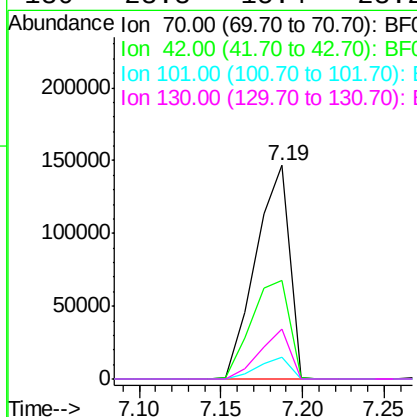
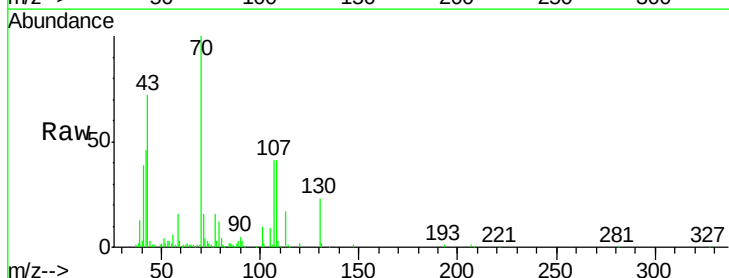
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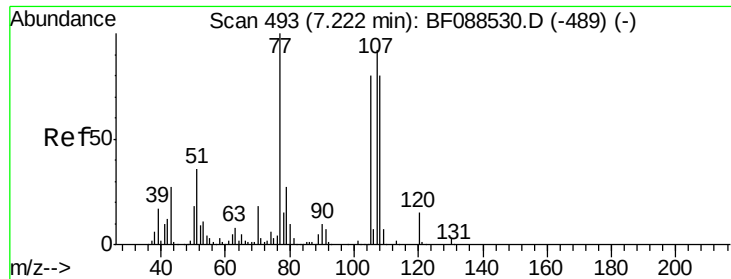
7/7/2016 1:55:57 AM



#19
n-Nitroso-di-n-propylamine
Concen: 39.67 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

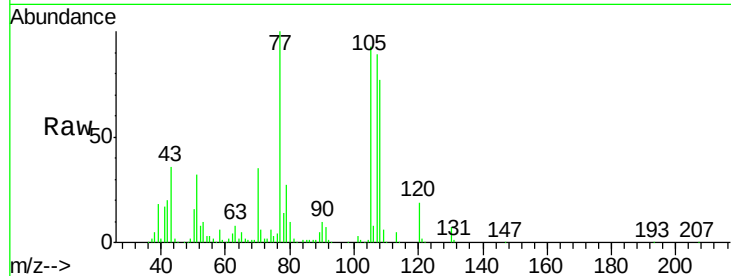
Tgt Ion: 70 Resp: 210704
Ion Ratio Lower Upper
70 100
42 45.9 49.6 74.4#
101 10.4 7.1 10.7
130 23.3 15.4 23.2#





#20
3+4-Methylphenols
Concen: 41.21 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

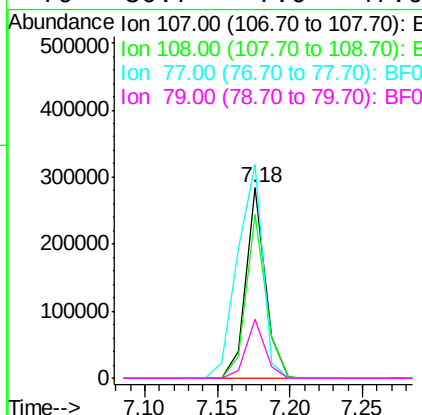
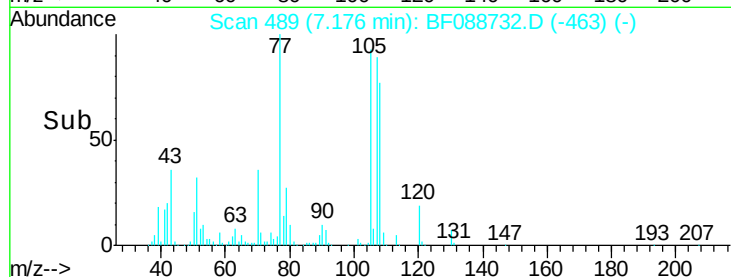
Instrument :
BNA_F
ClientSampleId :
PB91742BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	265385		
108	86.4	67.8	107.8	
77	112.2	59.3	99.3#	
79	30.7	7.0	47.0	

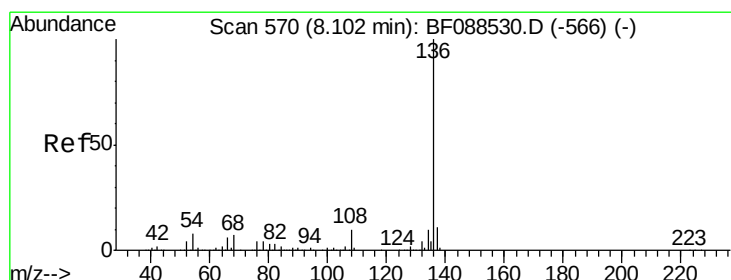
Manual Integrations

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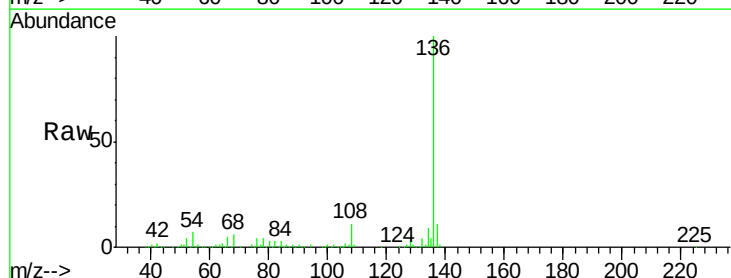


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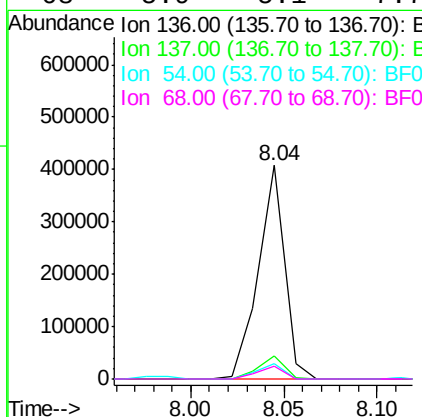
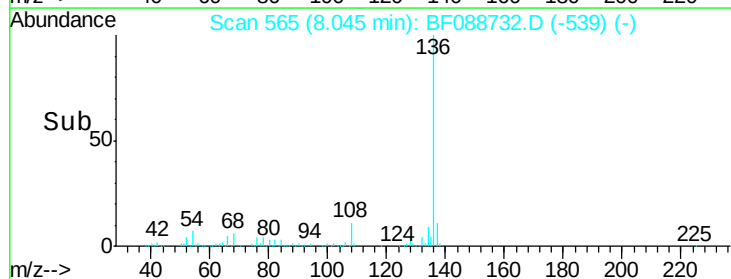
7/7/2016 1:55:57 AM

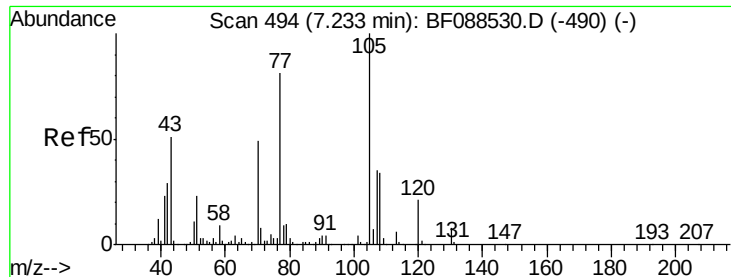


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	396908		
137	10.8	9.1	13.7	
54	7.2	6.6	10.0	
68	5.9	5.1	7.7	





#22

Acetophenone

Concen: 39.47 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088732.D

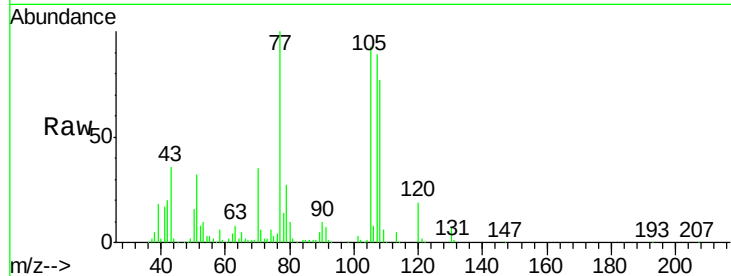
Acq: 6 Jul 2016 11:58

Instrument :

BNA_F

ClientSampled :

PB91742BS

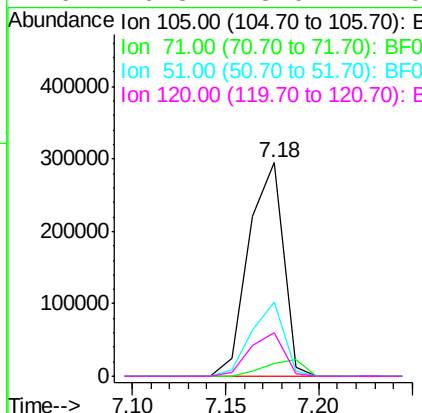
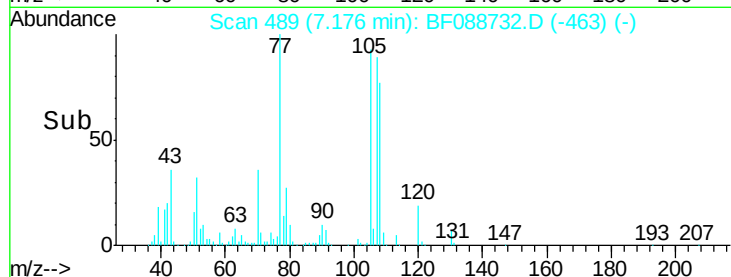


Tgt Ion:	105	Resp:	380194
Ion Ratio	Lower	Upper	
105	100		
71	6.2	5.3	7.9
51	34.6	18.2	27.4
120	20.3	18.0	27.0

Manual Integrations

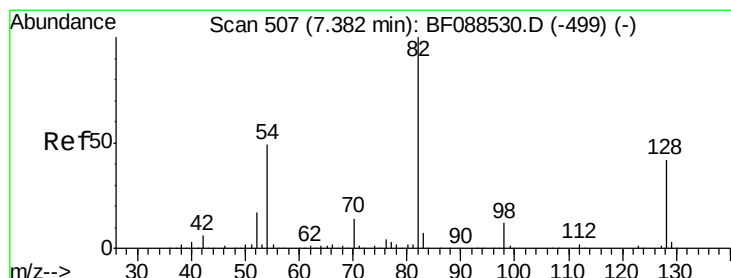
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#23

Nitrobenzene-d5

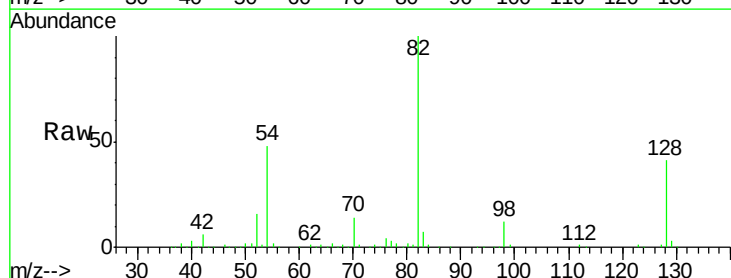
Concen: 72.55 ng

RT: 7.32 min Scan# 502

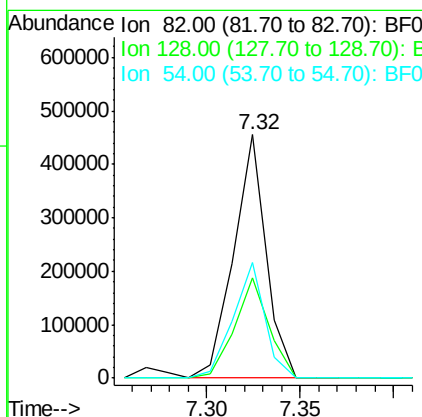
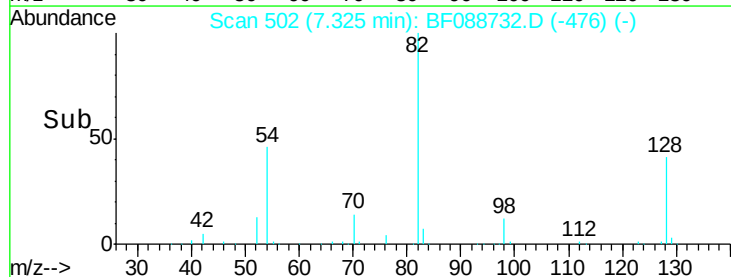
Delta R.T. 0.00 min

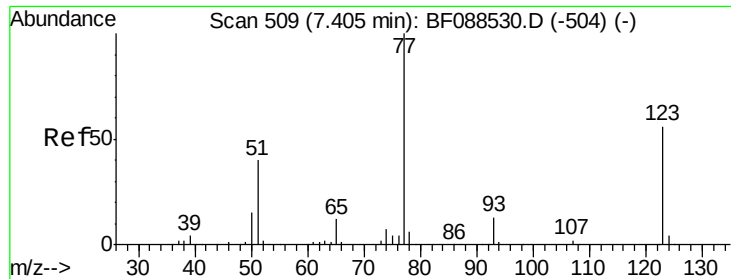
Lab File: BF088732.D

Acq: 6 Jul 2016 11:58



Tgt Ion:	82	Resp:	549523
Ion Ratio	Lower	Upper	
82	100		
128	41.3	35.9	53.9
54	47.6	40.9	61.3





#24

Nitrobenzene

Concen: 43.67 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Instrument :

BNA_F

ClientSampleId :

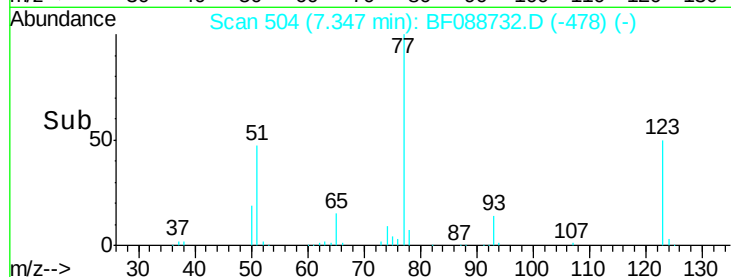
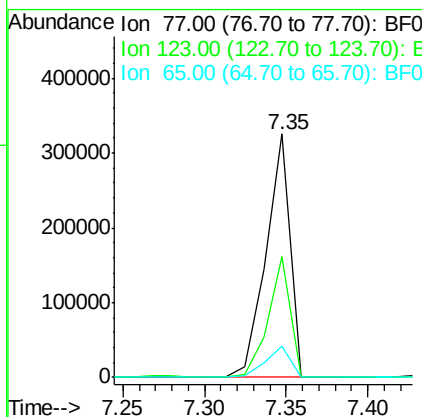
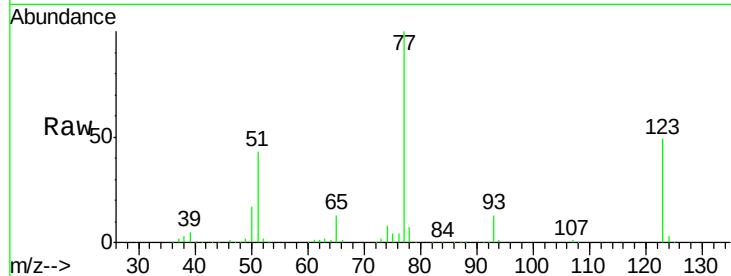
PB91742BS

Tgt Ion:	77	Resp:	333509
Ion	Ratio	Lower	Upper
77	100		
123	49.5	45.0	67.4
65	12.7	10.2	15.2

Manual Integrations

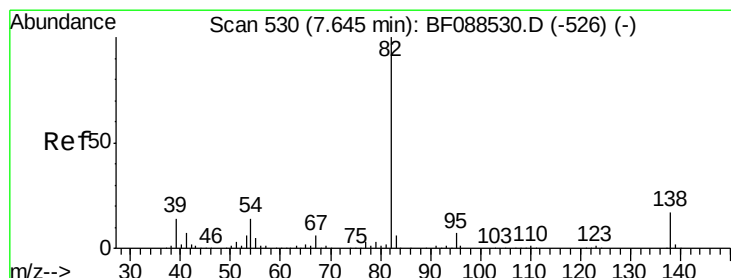
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7/7/2016 1:55:57 AM



#25

Isophorone

Concen: 39.21 ng

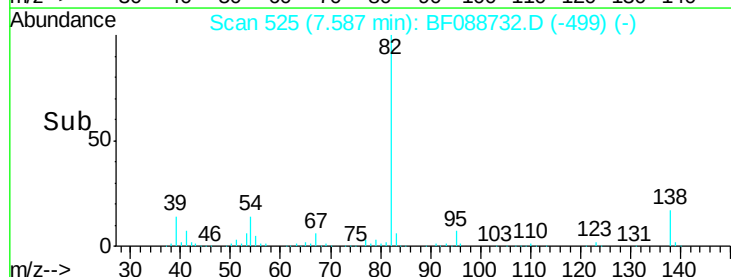
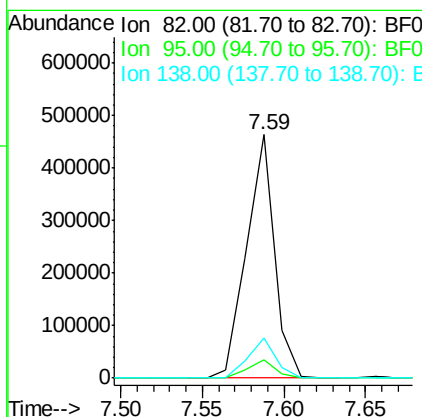
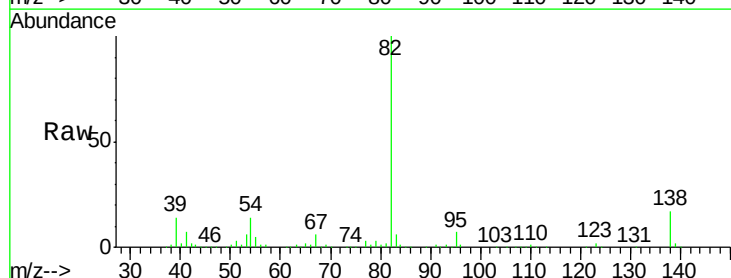
RT: 7.59 min Scan# 525

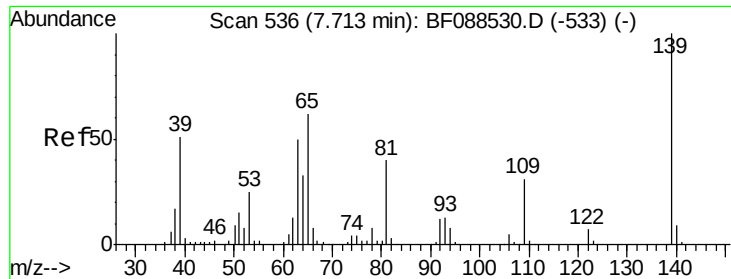
Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Tgt Ion:	82	Resp:	550060
Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.4	8.2
138	16.6	14.6	21.8





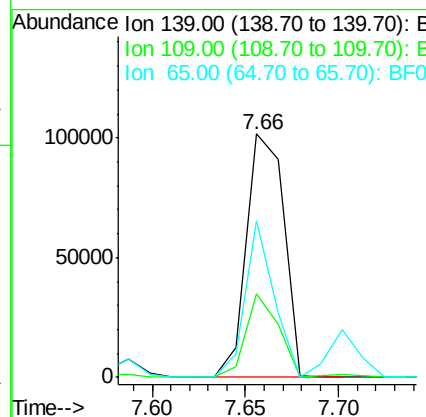
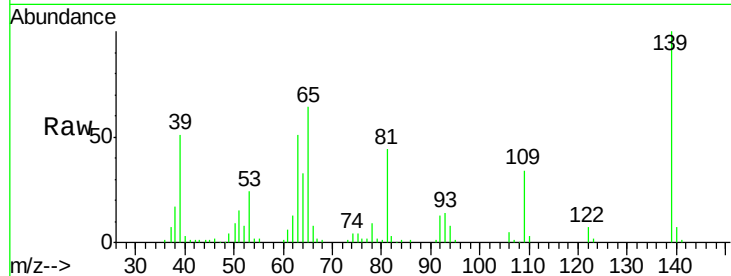
#26
2-Nitrophenol
Concen: 45.02 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampled :
PB91742BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	140989		
109	34.3	23.0	34.4	
65	64.1	45.8	68.8	

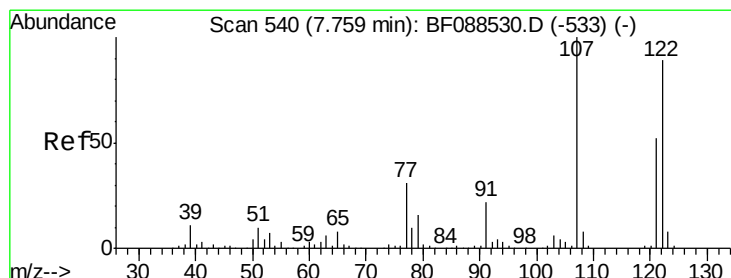
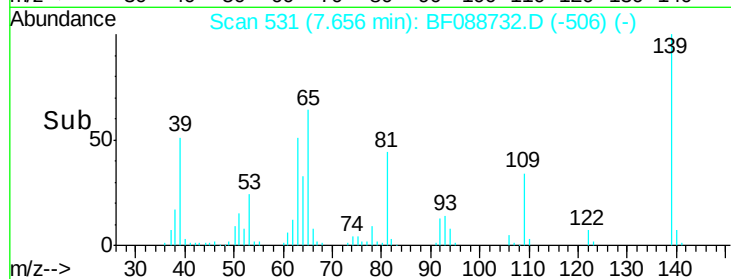
Manual Integrations

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7/7/2016 1:55:57 AM



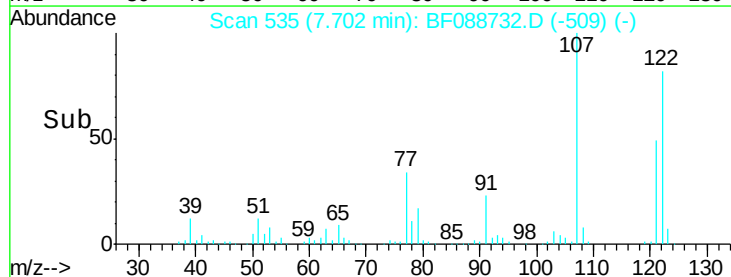
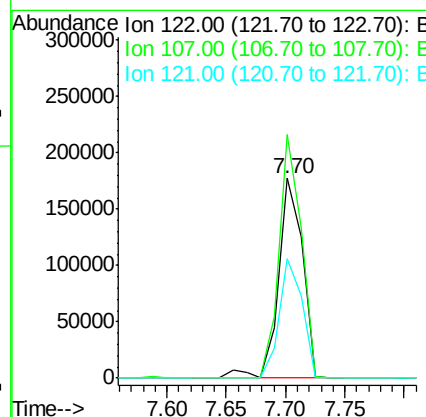
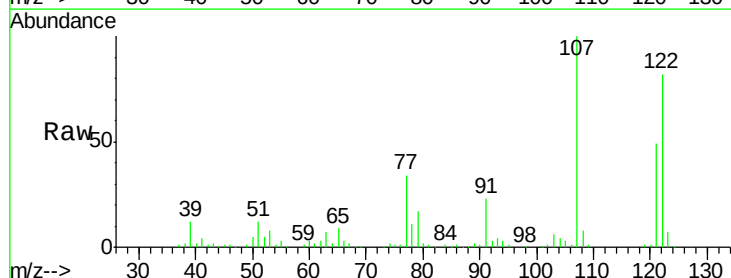
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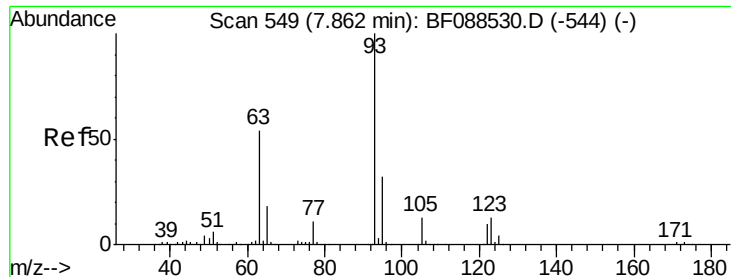
7/7/2016 1:55:57 AM



#27
2,4-Dimethylphenol
Concen: 38.27 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	249606		
107	122.0	82.4	123.6	
121	60.2	46.3	69.5	





#28

bis(2-Chloroethoxy)methane

Concen: 41.60 ng

RT: 7.80 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB91742BS

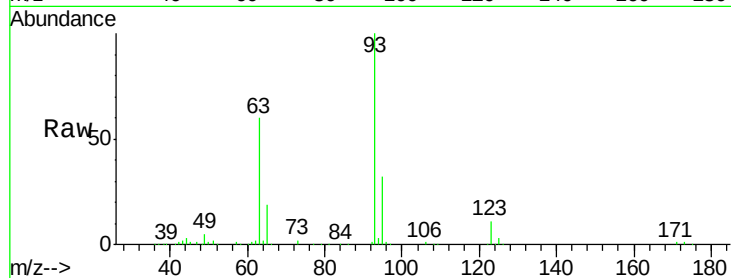
Tgt Ion: 93 Resp: 379797
Ion Ratio Lower Upper

93	100		
95	32.1	26.5	39.7
123	10.8	11.6	17.4

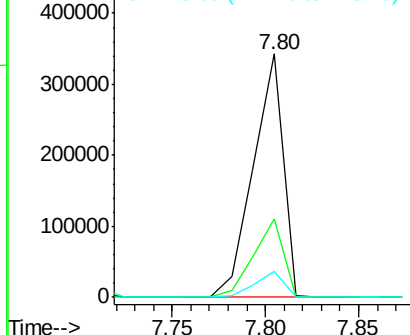
Manual Integrations

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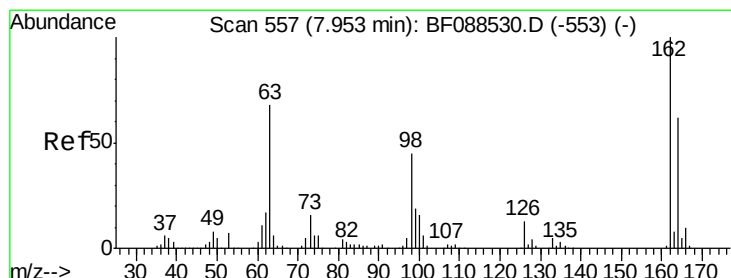
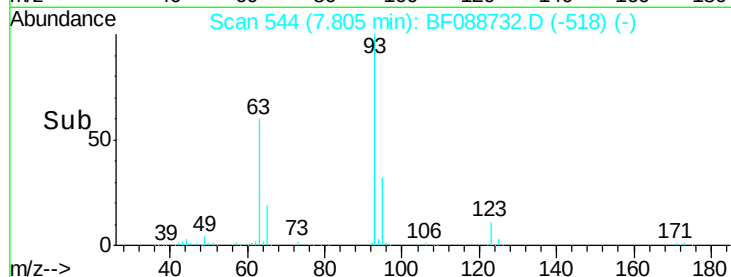


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): BF0



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7/7/2016 1:55:57 AM



#29

2,4-Dichlorophenol

Concen: 46.70 ng

RT: 7.91 min Scan# 553

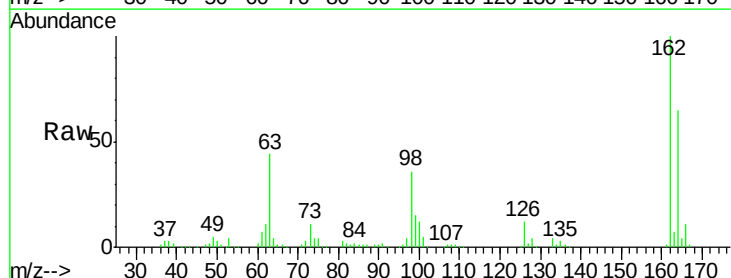
Delta R.T. 0.00 min

Lab File: BF088732.D

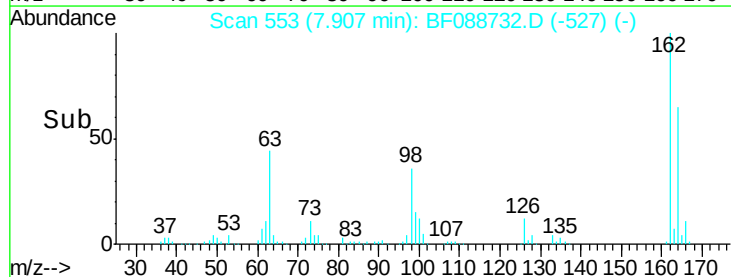
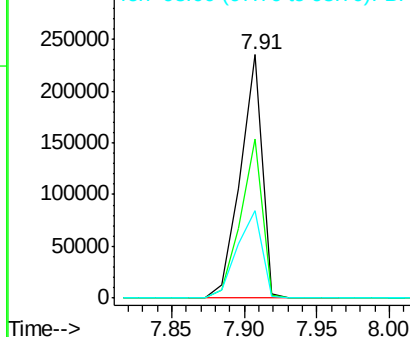
Acq: 6 Jul 2016 11:58

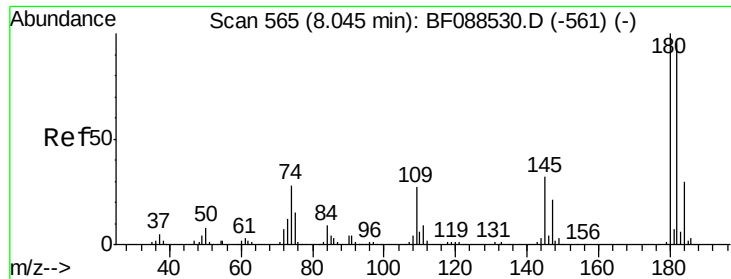
Tgt Ion: 162 Resp: 246170
Ion Ratio Lower Upper

162	100		
164	65.2	43.8	83.8
98	35.8	21.3	61.3



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





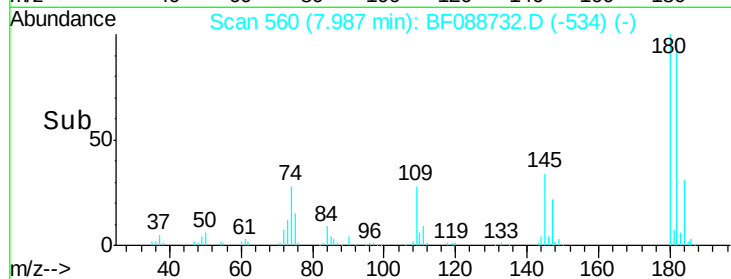
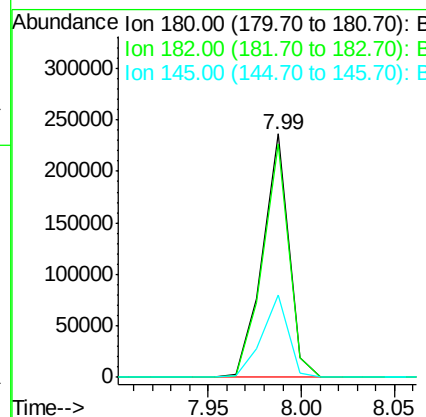
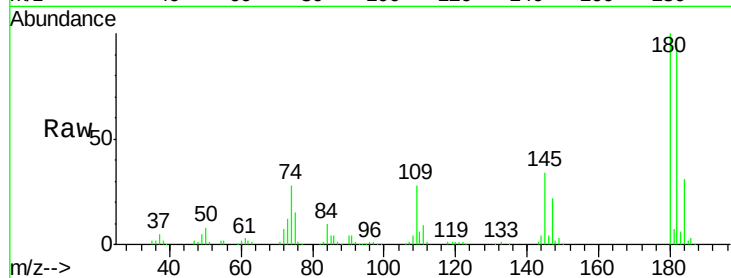
#30
1,2,4-Trichlorobenzene
Concen: 39.72 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampleId :
PB91742BS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229755		
182	96.1	76.0	114.0	
145	33.9	26.5	39.7	

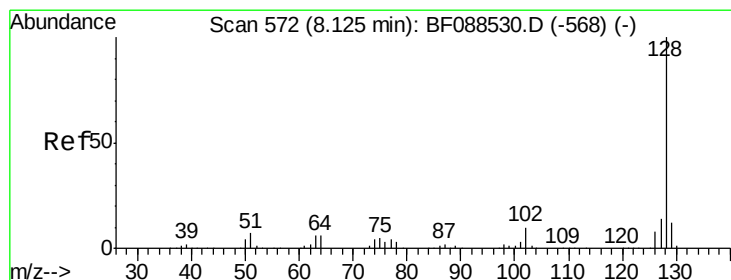
Manual Integrations

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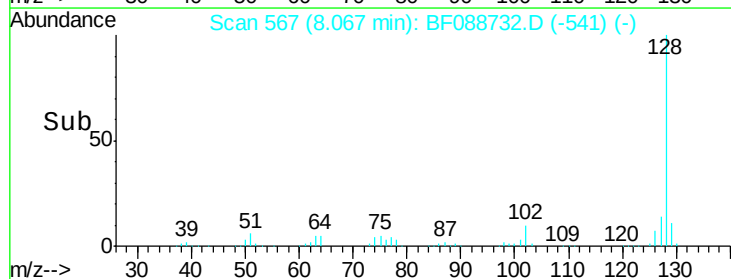
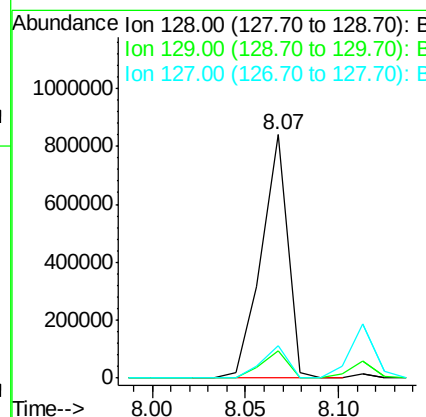
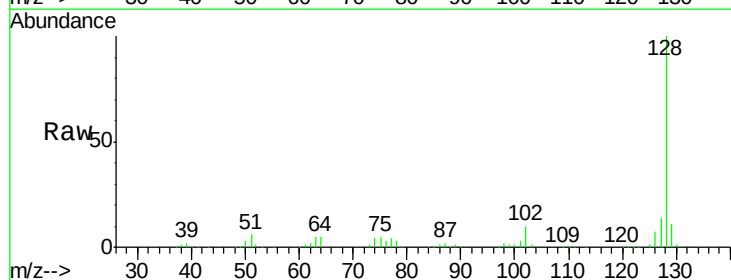
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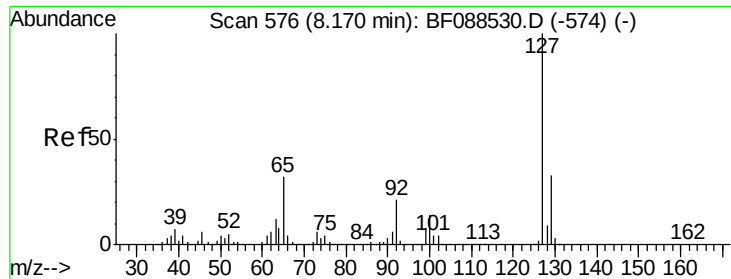
7/7/2016 1:55:57 AM



#31
Naphthalene
Concen: 41.95 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	820923		
129	11.2	9.4	14.2	
127	13.6	10.9	16.3	





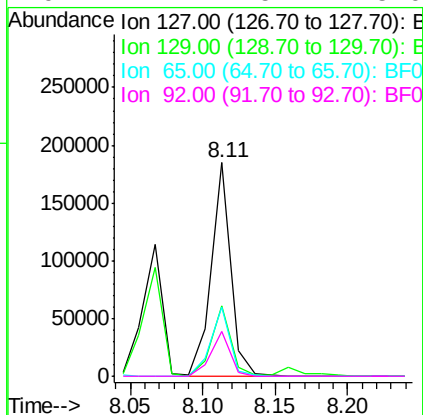
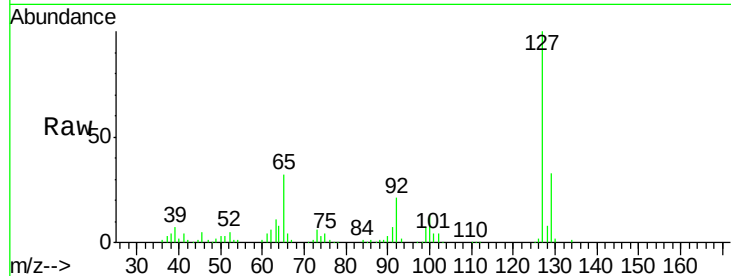
#33
4-Chloroaniline
Concen: 19.83 ng
RT: 8.11 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampleId :
PB91742BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	172635		
129	32.7	26.3	39.5	
65	32.1	24.7	37.1	
92	21.1	15.4	23.0	

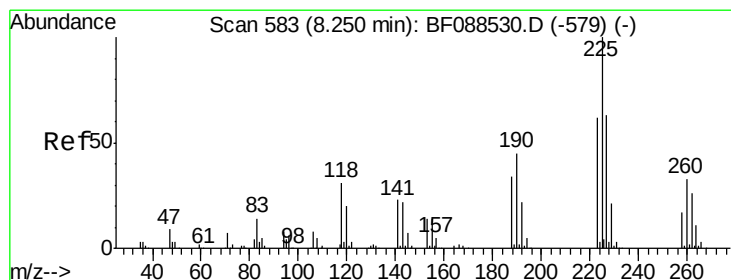
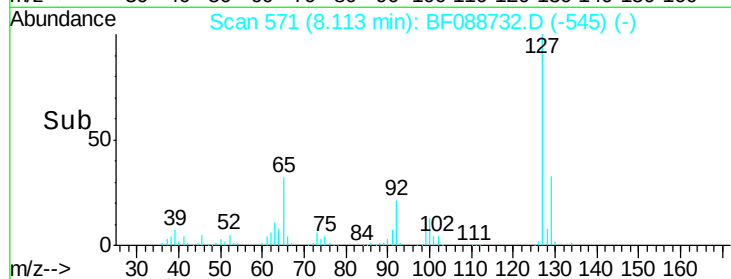
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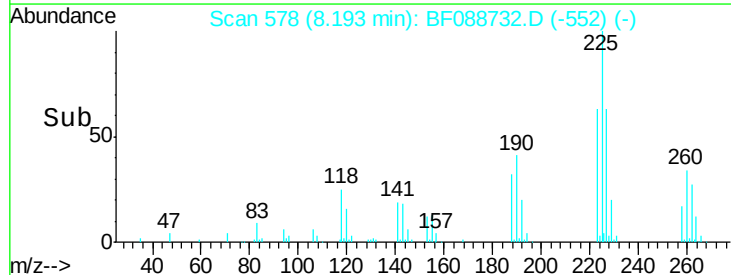
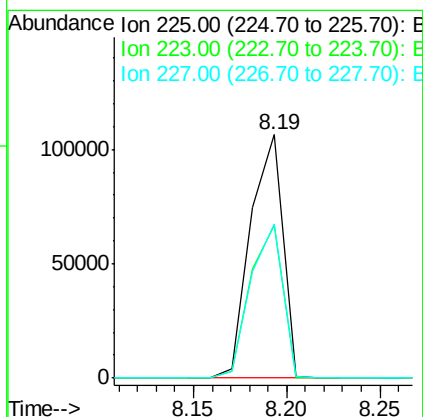
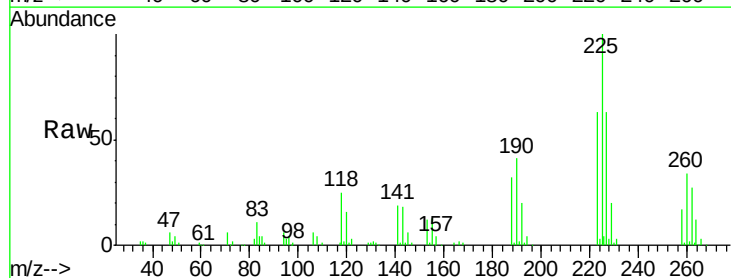
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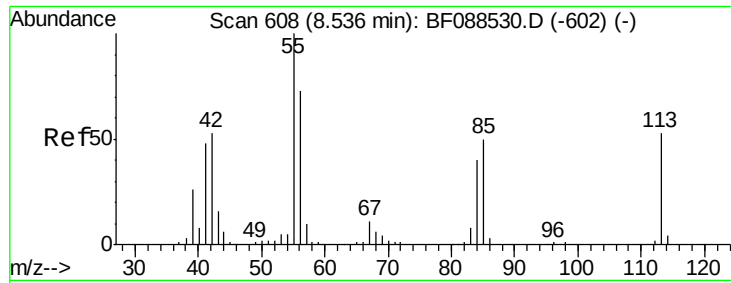
7/7/2016 1:55:57 AM



#34
Hexachlorobutadiene
Concen: 41.33 ng
RT: 8.19 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	128012		
223	62.6	50.9	76.3	
227	63.2	51.9	77.9	





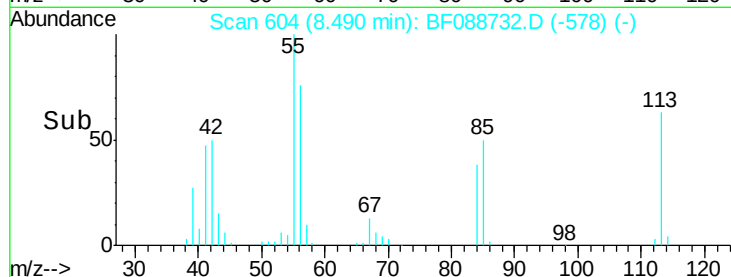
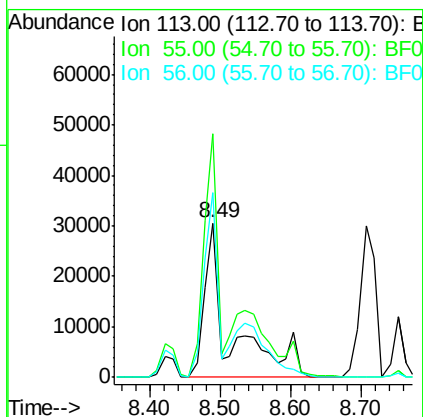
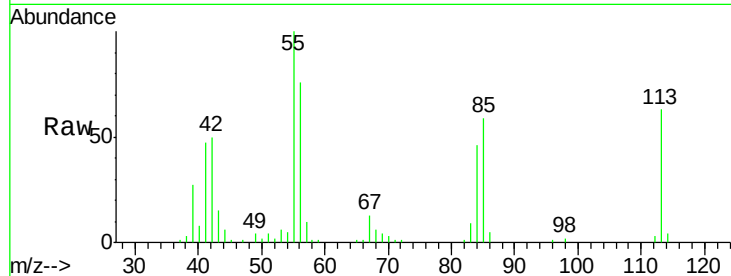
#35
 Caprolactam
 Concen: 42.25 ng m
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BS

Tgt Ion:113 Resp: 75644
 Ion Ratio Lower Upper
 113 100
 55 158.0 158.6 198.6#
 56 119.7 110.6 150.6

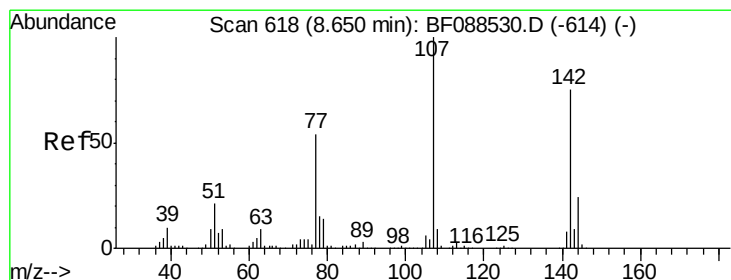
Manual Integrations

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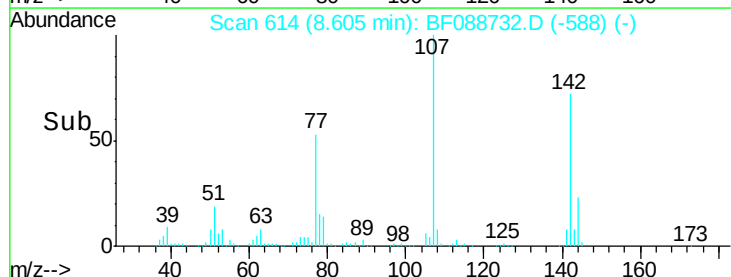
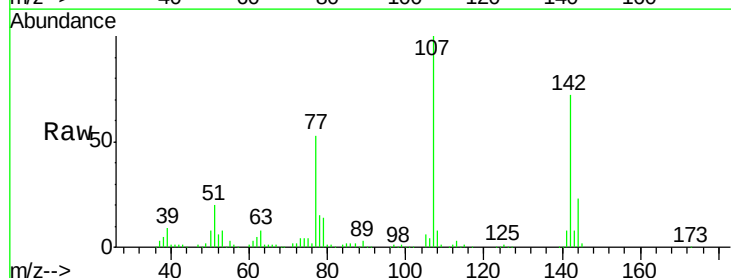
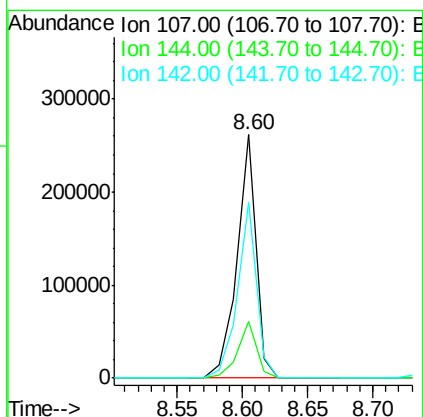
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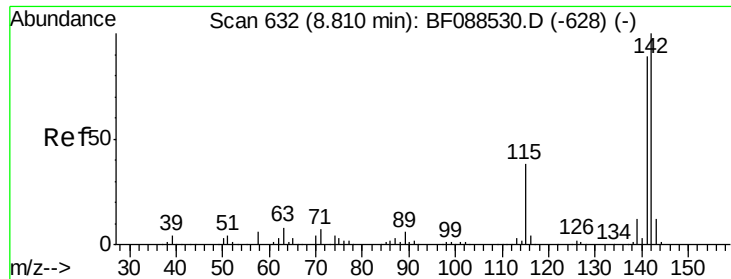
7/7/2016 1:55:57 AM



#36
 4-Chloro-3-methylphenol
 Concen: 42.27 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Tgt Ion:107 Resp: 263452
 Ion Ratio Lower Upper
 107 100
 144 23.3 20.8 31.2
 142 72.5 63.4 95.2





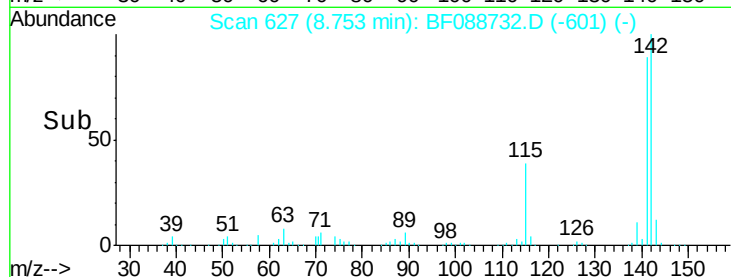
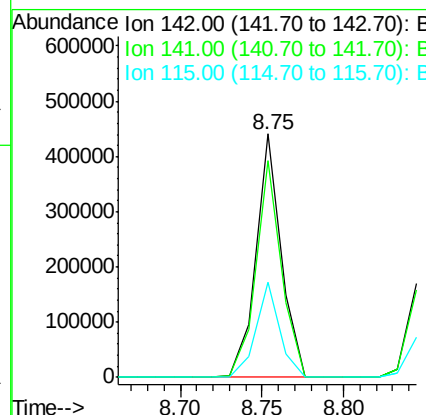
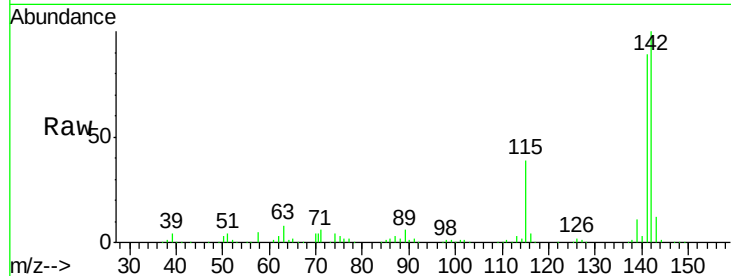
#37
 2-Methylnaphthalene
 Concen: 37.58 ng
 RT: 8.75 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Instrument :
 BNA_F
 ClientSampled :
 PB91742BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	39.3	22.6	33.8

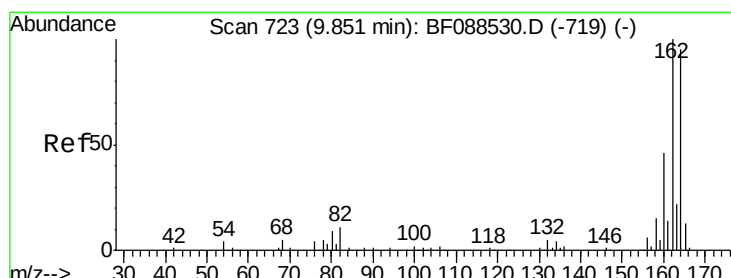
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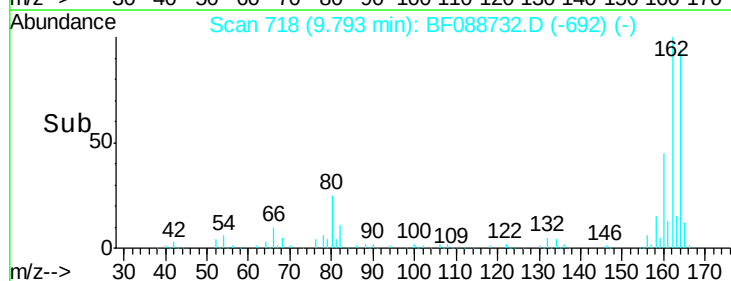
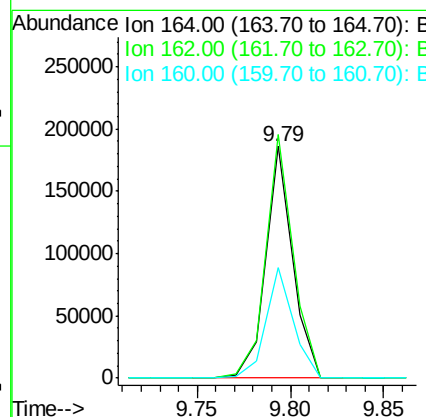
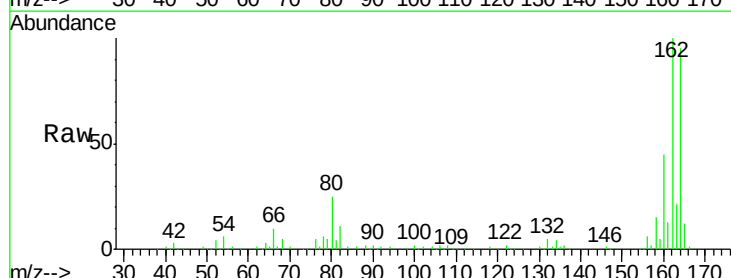
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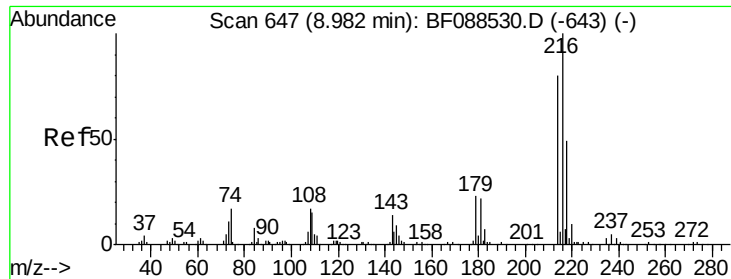
7/7/2016 1:55:57 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.4	128.2
160	47.4	39.5	59.3





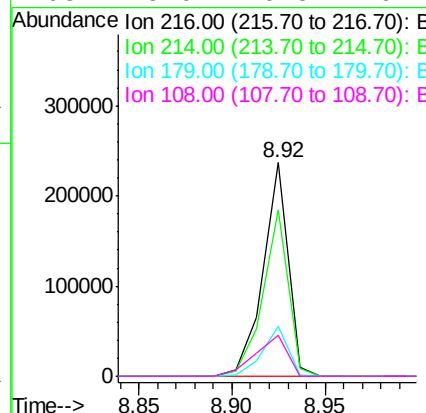
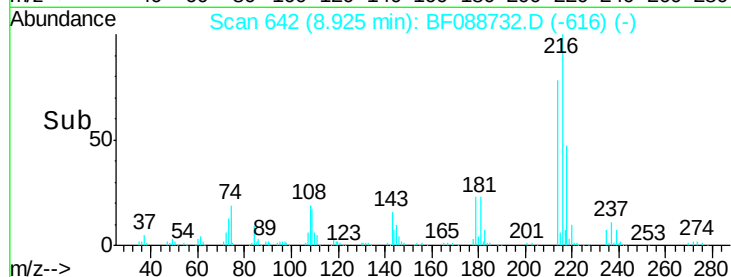
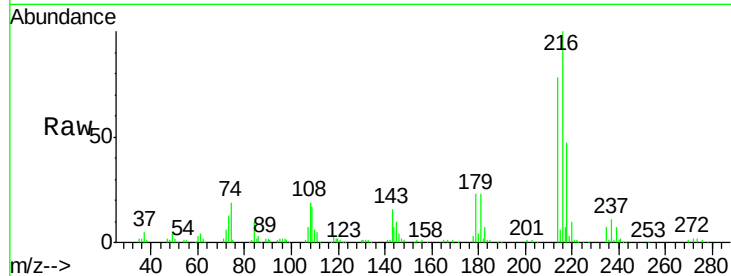
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.85 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	219182		
214	78.7	2.9	4.3#	
179	23.5	0.0	0.0#	
108	25.0	0.5	0.7#	

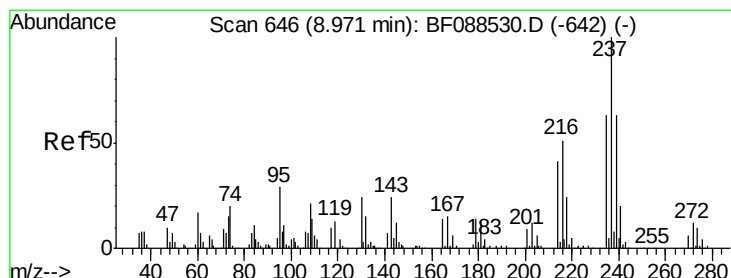
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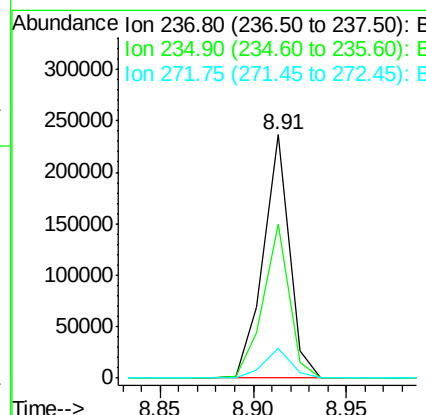
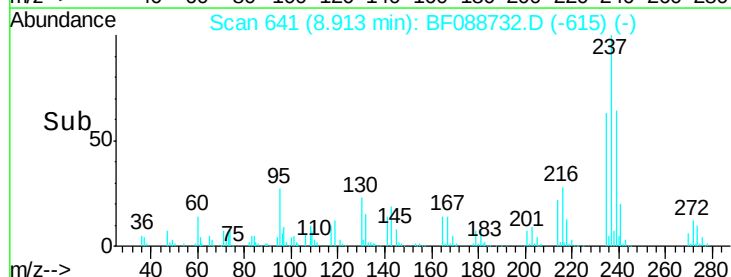
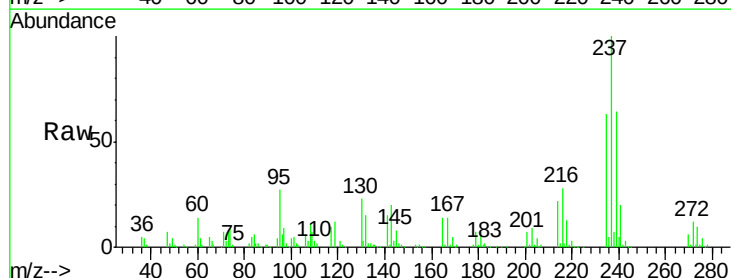
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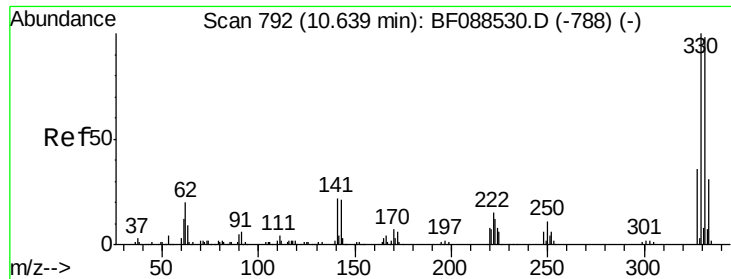
7/7/2016 1:55:57 AM



#40
 Hexachlorocyclopentadiene
 Concen: 76.22 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	228712		
235	63.1	43.4	83.4	
272	12.0	0.0	32.3	





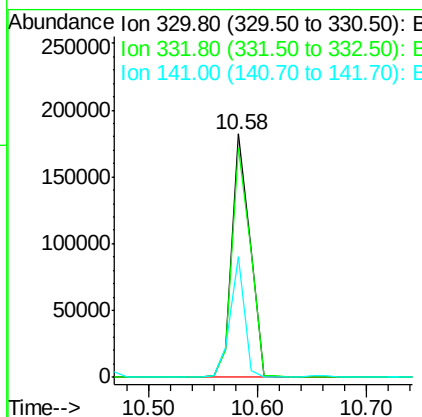
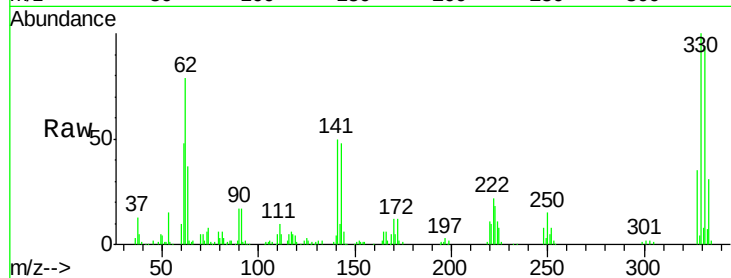
#41
 2,4,6-Tribromophenol
 Concen: 122.49 ng
 RT: 10.58 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Instrument :
 BNA_F
 ClientSampled :
 PB91742BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	209071		
332	95.5	0.0	0.0	0.0
141	39.3	0.0	0.0	0.0

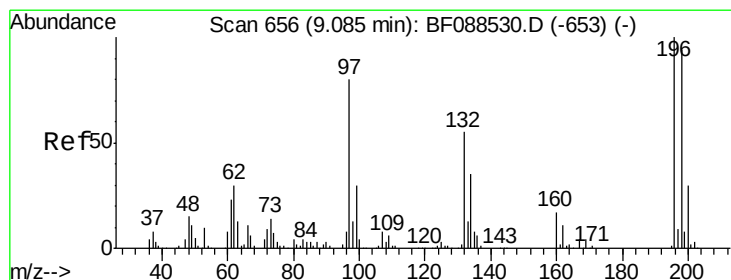
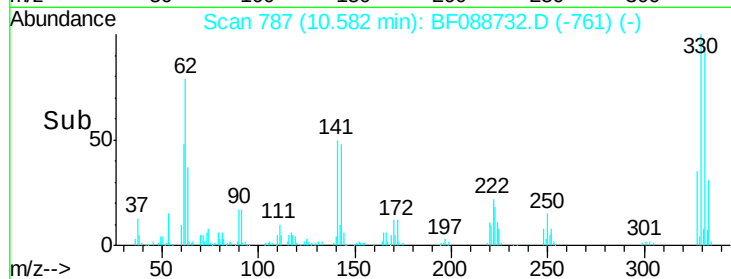
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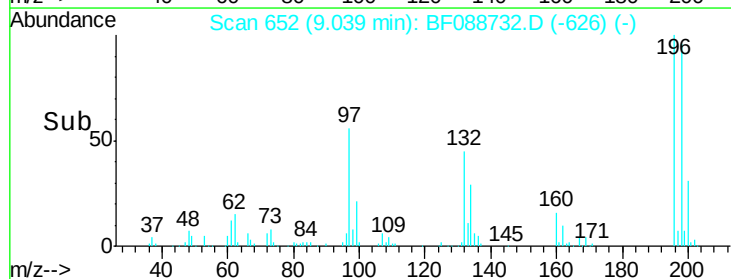
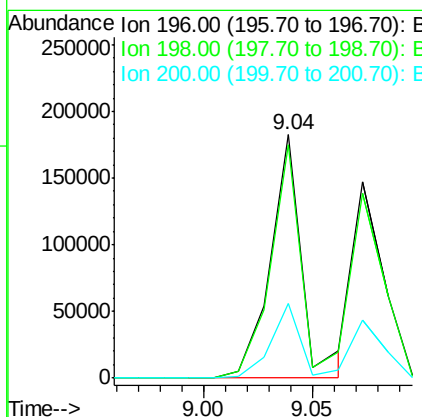
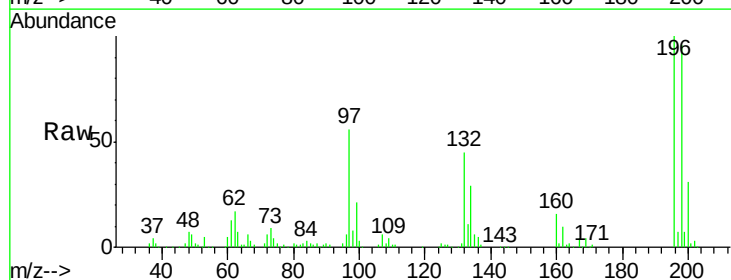
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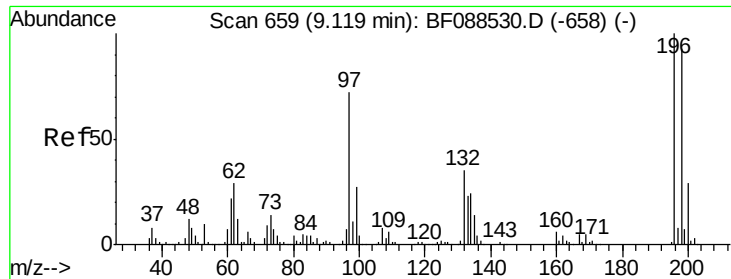
7/7/2016 1:55:57 AM



#42
 2,4,6-Trichlorophenol
 Concen: 46.01 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

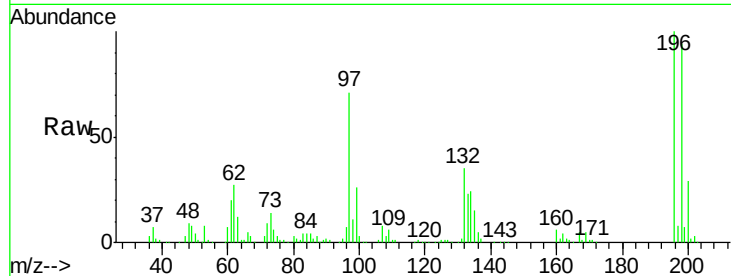
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185457		
198	95.7	78.0	117.0	
200	30.6	25.4	38.2	





#43
2,4,5-Trichlorophenol
Concen: 42.17 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

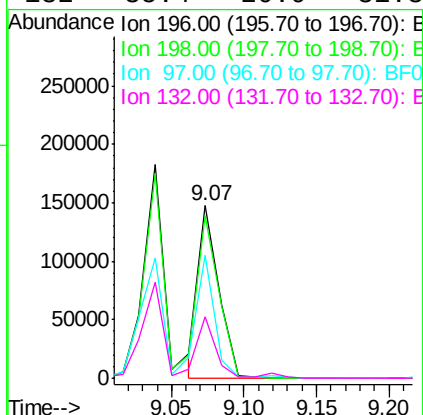
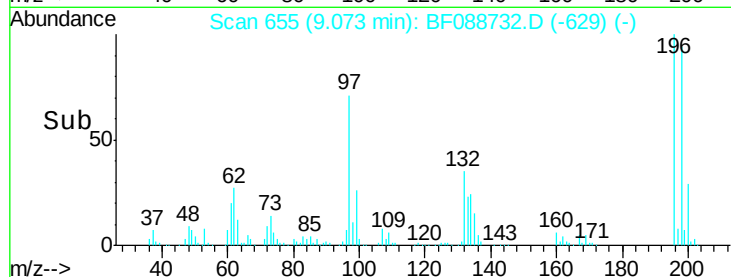
Instrument :
BNA_F
ClientSampleId :
PB91742BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	146232		
198	94.0	77.5	116.3	
97	71.1	32.0	48.0	
132	35.4	20.9	31.3	

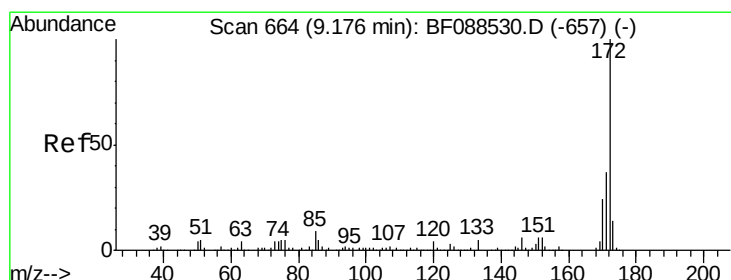
Manual Integrations

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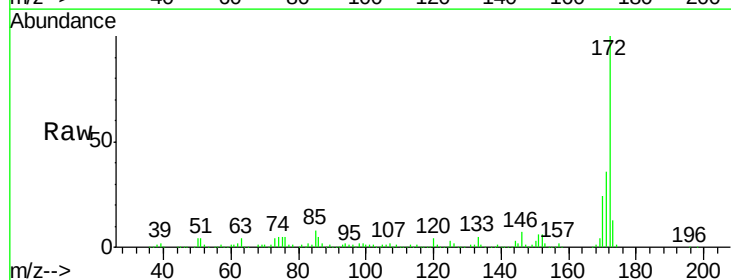


SOHIL

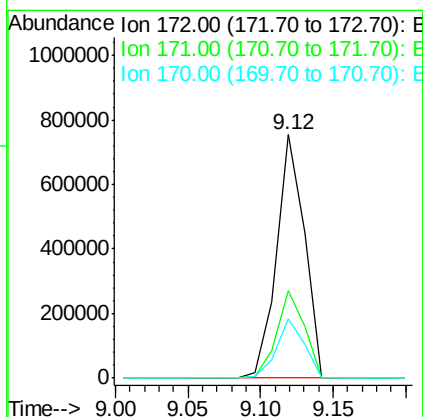
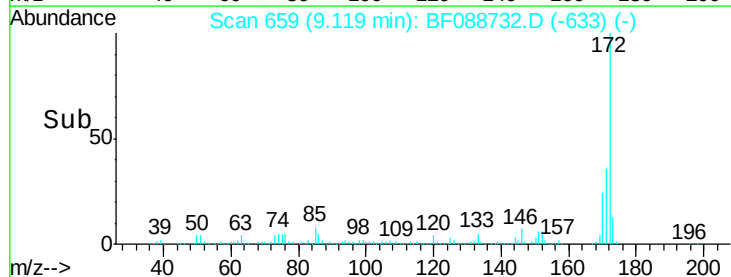
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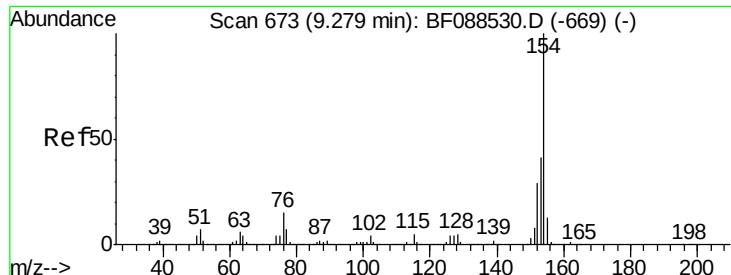


#44
2-Fluorobiphenyl
Concen: 85.87 ng
RT: 9.12 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	999184		
171	36.1	28.6	43.0	
170	24.2	19.2	28.8	





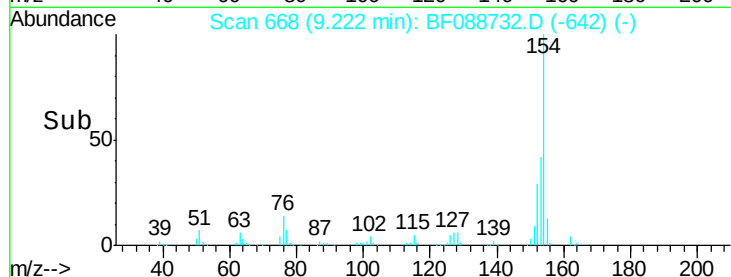
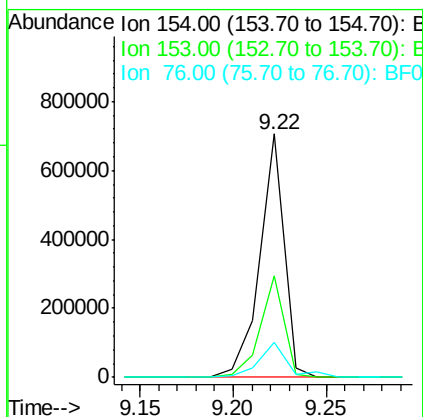
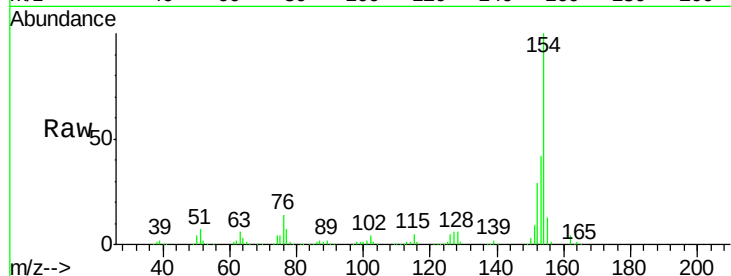
#45
 1,1'-Biphenyl
 Concen: 41.41 ng
 RT: 9.22 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BS

Tgt Ion:	154	Resp:	630248
Ion Ratio	Lower	Upper	
154	100		
153	41.7	20.6	60.6
76	14.1	0.0	35.1

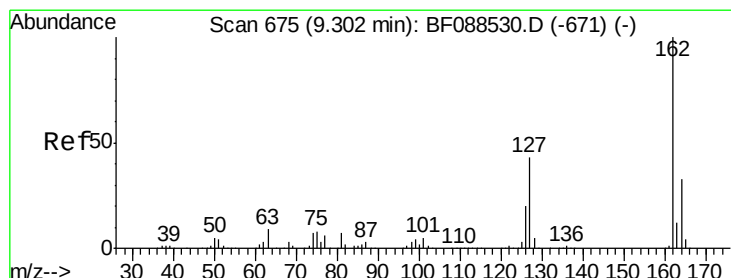
Manual Integrations

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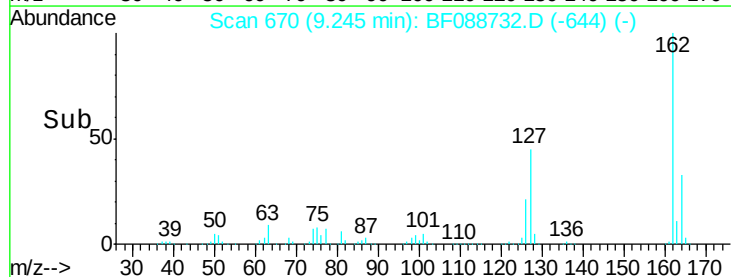
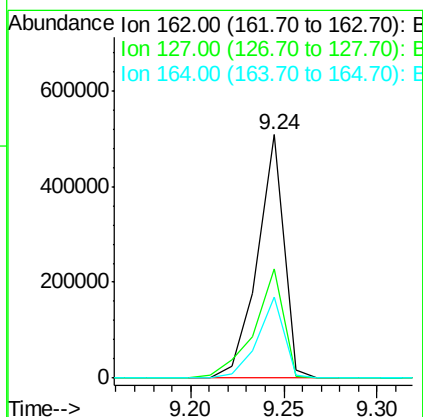
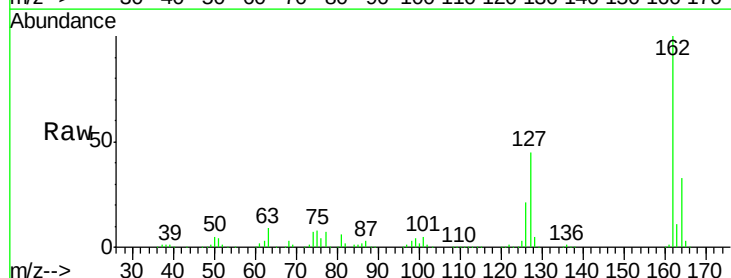
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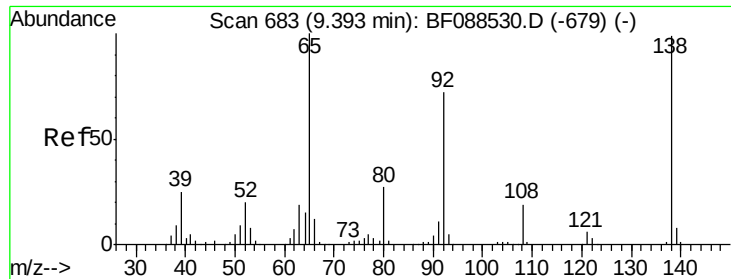
7/7/2016 1:55:57 AM



#46
 2-Chloronaphthalene
 Concen: 41.69 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Tgt Ion:	162	Resp:	498163
Ion Ratio	Lower	Upper	
162	100		
127	45.0	35.2	52.8
164	33.1	26.6	39.8





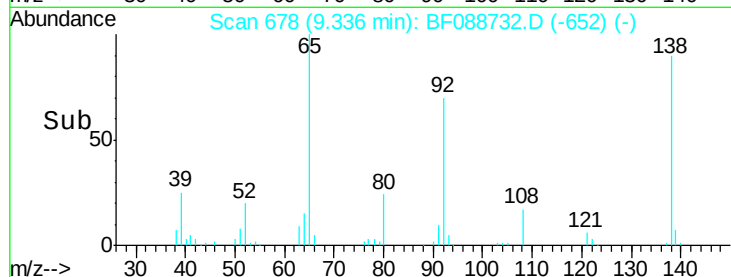
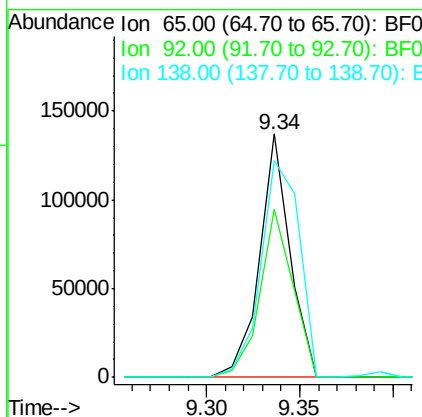
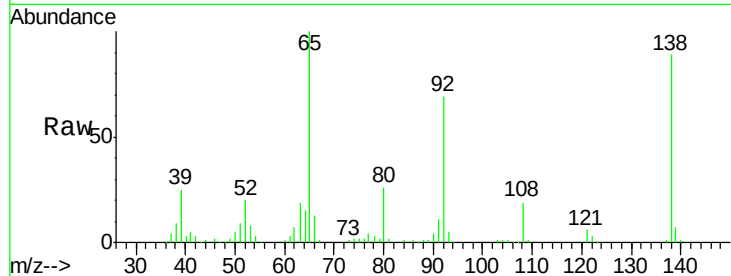
#47
2-Nitroaniline
Concen: 36.90 ng
RT: 9.34 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampleId :
PB91742BS

Tgt Ion: 65 Resp: 156477
Ion Ratio Lower Upper
65 100
92 69.1 54.6 82.0
138 89.1 77.0 115.4

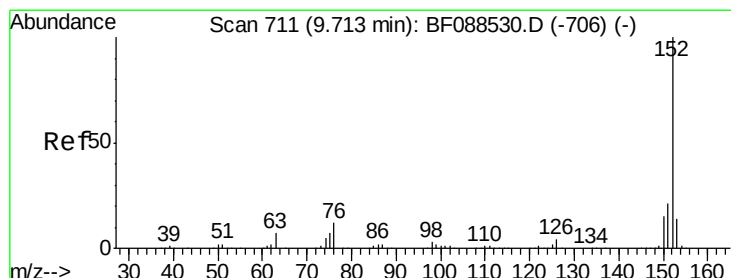
Manual Integrations

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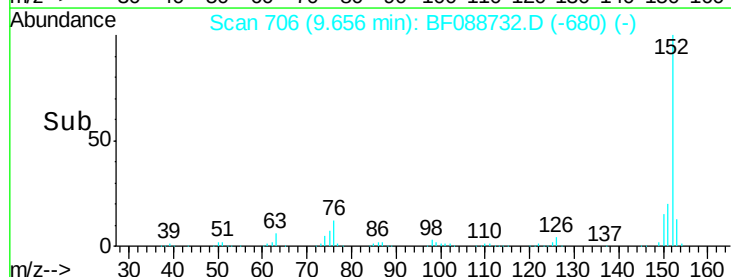
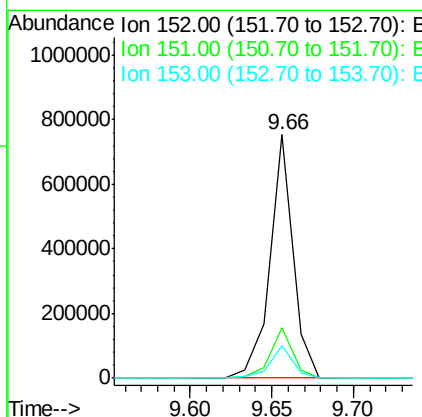
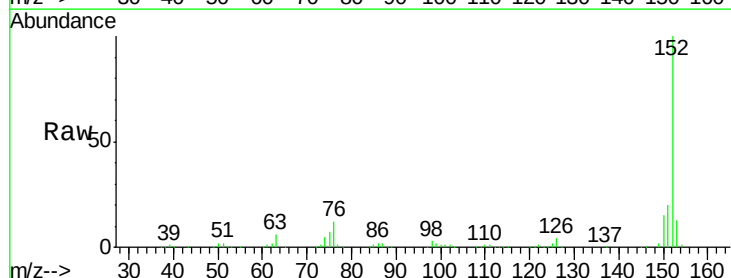
SOHIL

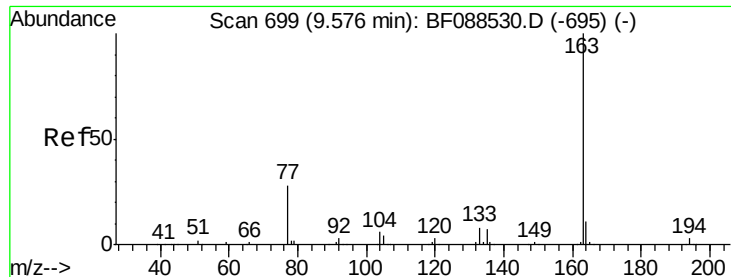
7/7/2016 1:55:57 AM



#48
Acenaphthylene
Concen: 39.03 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion: 152 Resp: 741968
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.3 11.0 16.6





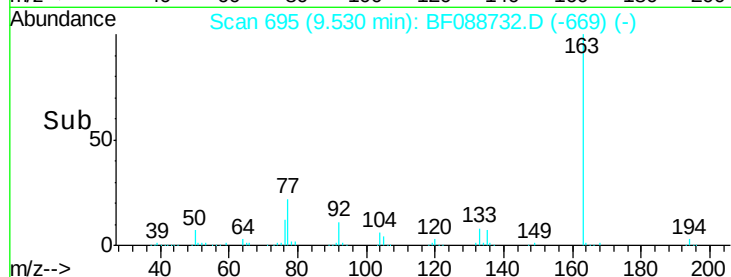
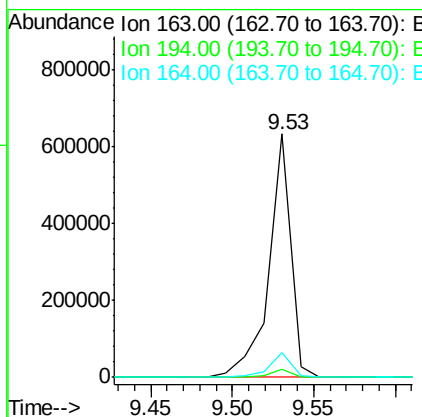
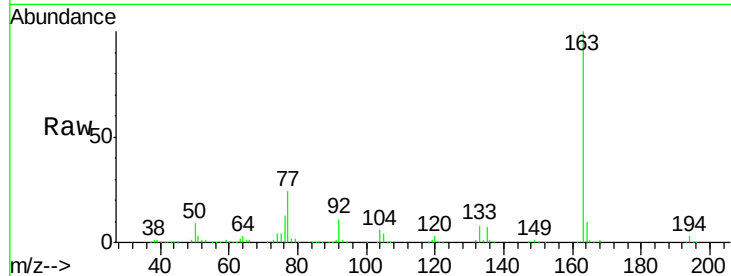
#49
Dimethylphthalate
Concen: 45.71 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampled :
PB91742BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	598527		
194	3.3		2.8	4.2
164	10.4		8.3	12.5

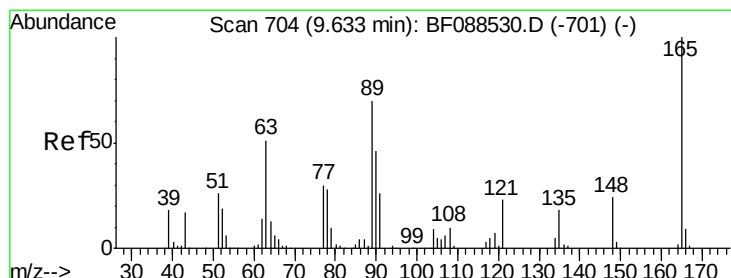
Manual Integrations

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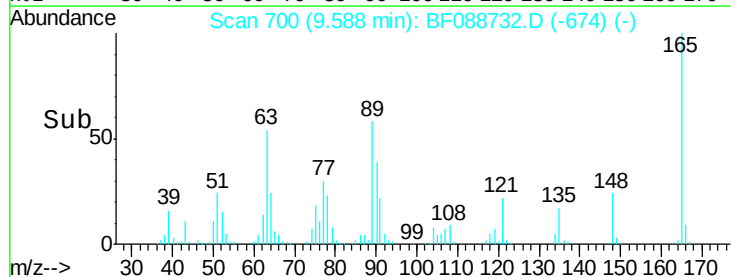
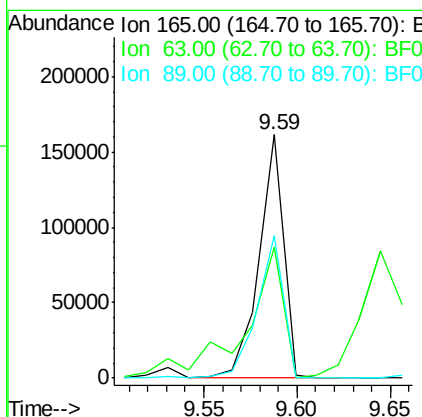
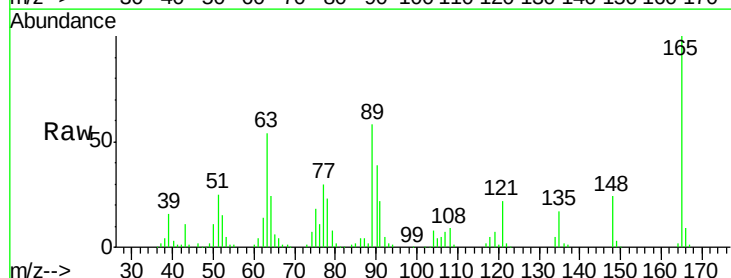
SOHIL

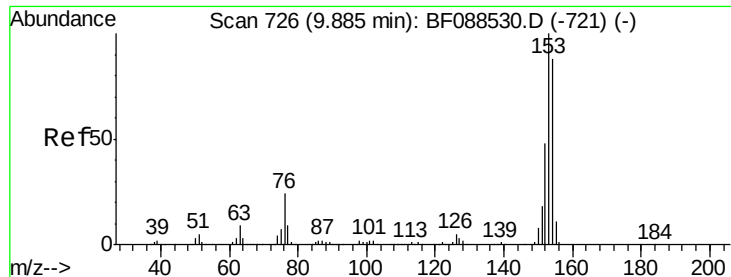
7/7/2016 1:55:57 AM



#50
2,6-Dinitrotoluene
Concen: 50.60 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	146842		
63	53.6		28.1	42.1#
89	58.3		32.2	48.2#





#51

Acenaphthene

Concen: 37.14 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Instrument :

BNA_F

ClientSampled :

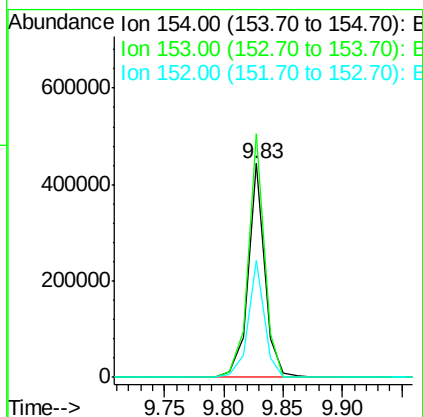
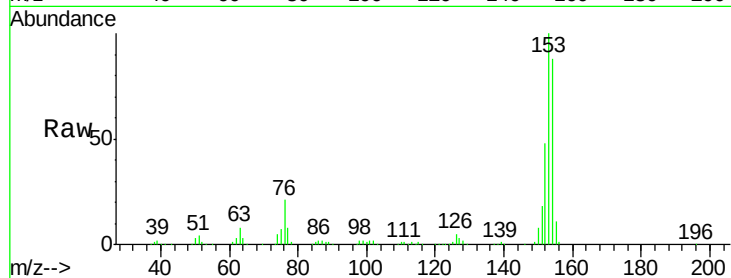
PB91742BS

Tgt Ion:	154	Resp:	432816
Ion Ratio	Lower	Upper	
154	100		
153	113.8	89.5	134.3
152	54.8	42.7	64.1

Manual Integrations

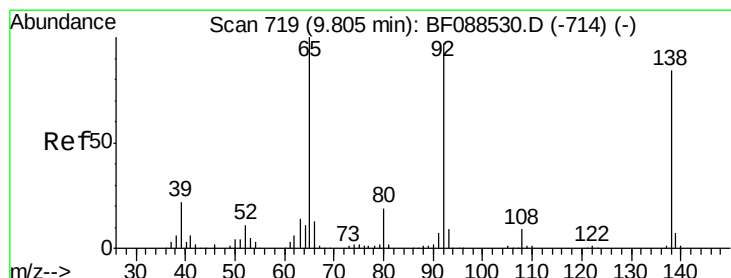
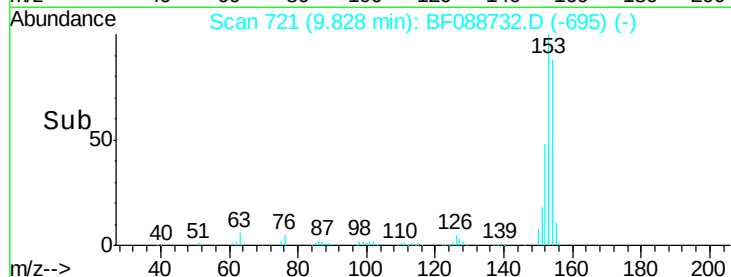
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7/7/2016 1:55:57 AM



#52

3-Nitroaniline

Concen: 24.56 ng

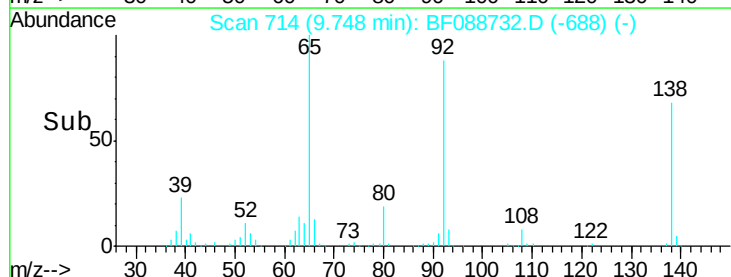
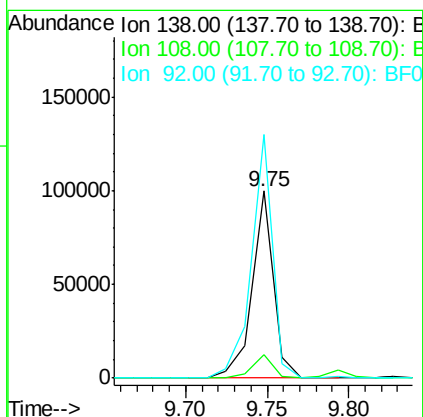
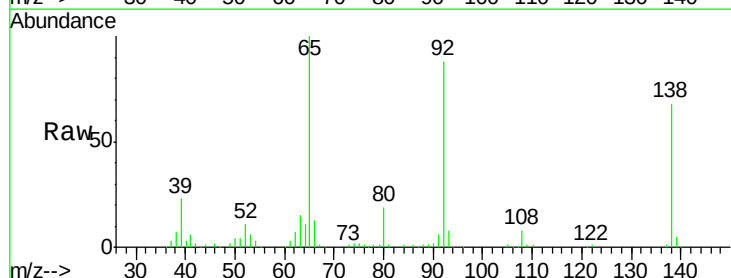
RT: 9.75 min Scan# 714

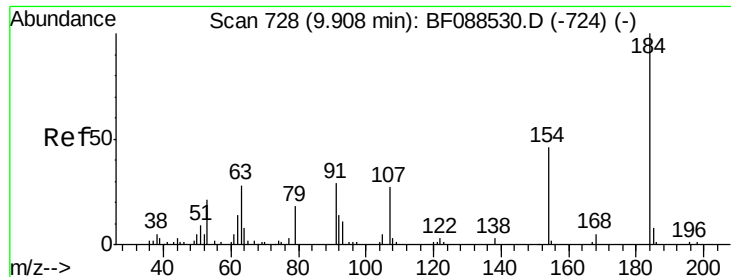
Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Tgt Ion:	138	Resp:	90612
Ion Ratio	Lower	Upper	
138	100		
108	12.3	8.5	12.7
92	130.3	95.7	143.5





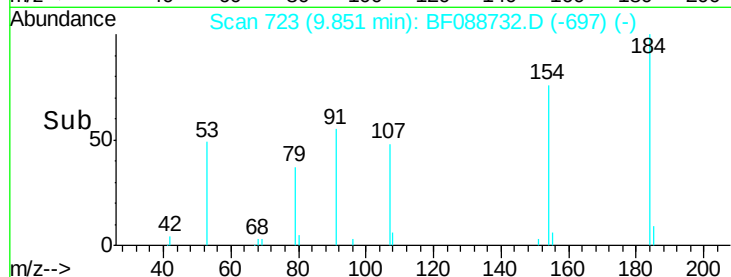
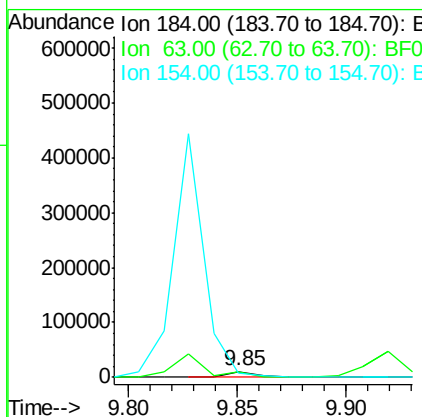
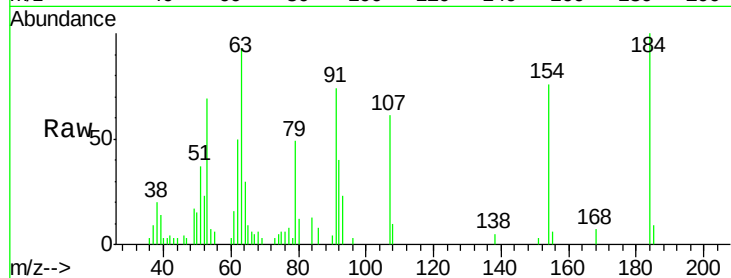
#53
2,4-Dinitrophenol
Concen: 8.37 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampled :
PB91742BS

Tgt Ion:184 Resp: 10728
Ion Ratio Lower Upper
184 100
63 92.9 57.6 86.4#
154 76.1 53.5 80.3

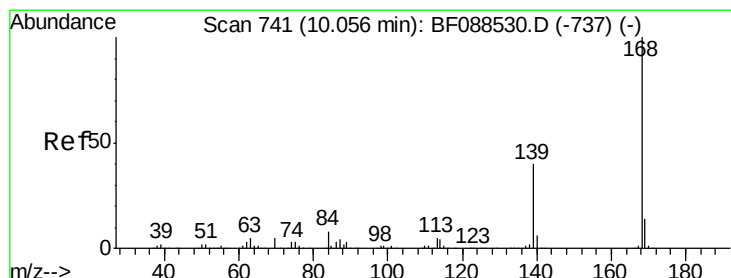
Manual Integrations

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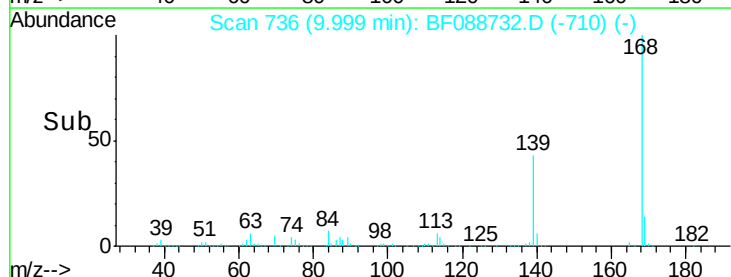
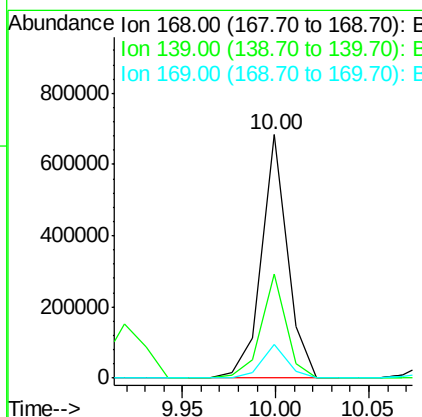
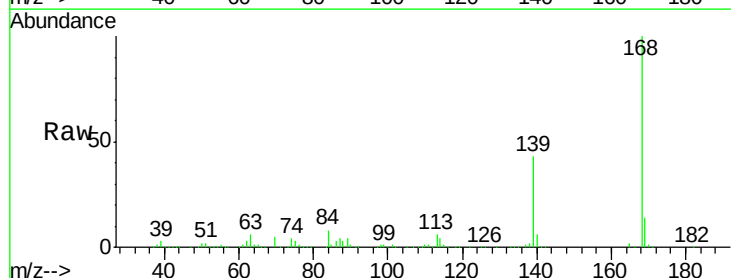
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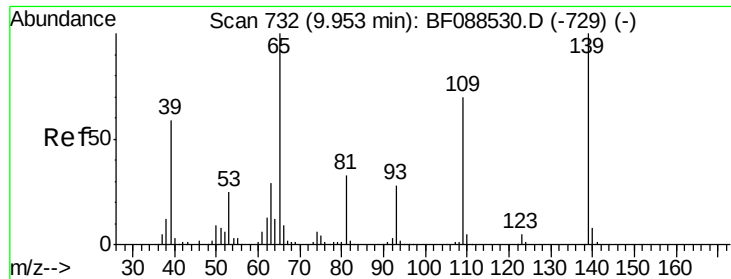
7/7/2016 1:55:57 AM



#54
Dibenzofuran
Concen: 43.05 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion:168 Resp: 656595
Ion Ratio Lower Upper
168 100
139 43.0 26.4 39.6#
169 13.8 10.4 15.6





#55

4-Nitrophenol

Concen: 73.95 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Instrument :

BNA_F

ClientSampleId :

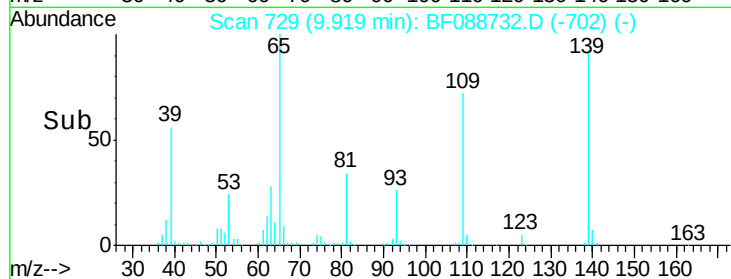
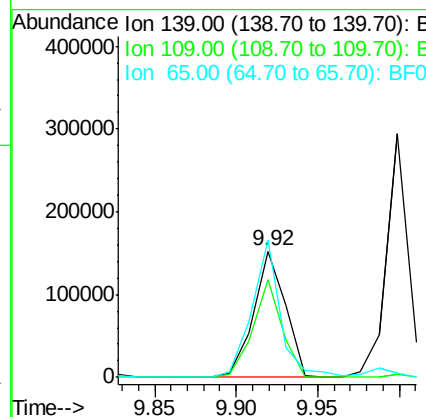
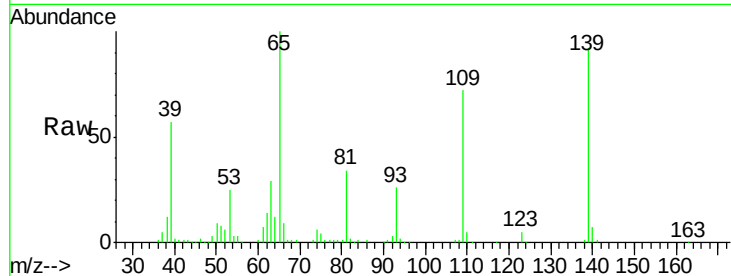
PB91742BS

Tgt Ion:	139	Resp:	207312
Ion Ratio	Lower	Upper	
139	100		
109	77.7	48.9	88.9
65	108.5	84.9	124.9

Manual Integrations

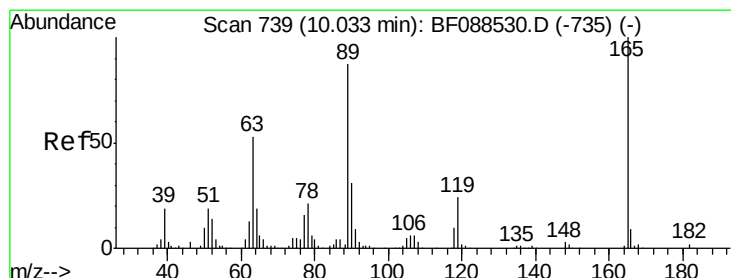
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7/7/2016 1:55:57 AM



#56

2,4-Dinitrotoluene

Concen: 44.46 ng

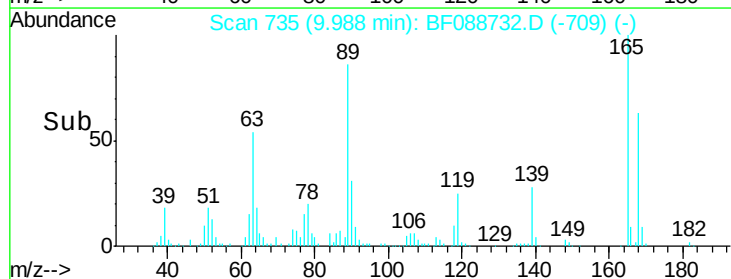
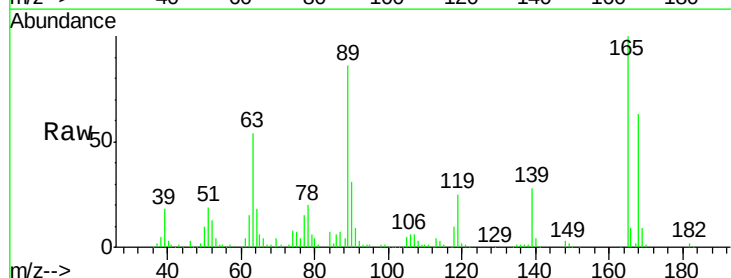
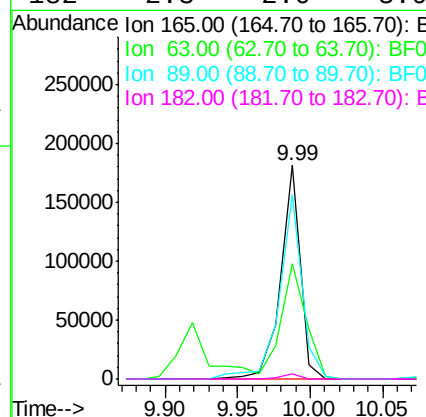
RT: 9.99 min Scan# 735

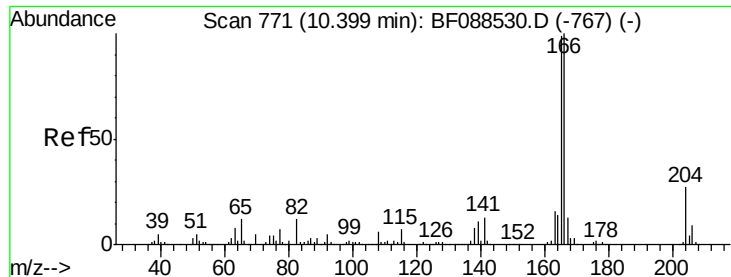
Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Tgt Ion:	165	Resp:	168687
Ion Ratio	Lower	Upper	
165	100		
63	53.8	22.0	33.0#
89	86.3	41.1	61.7#
182	2.3	2.0	3.0





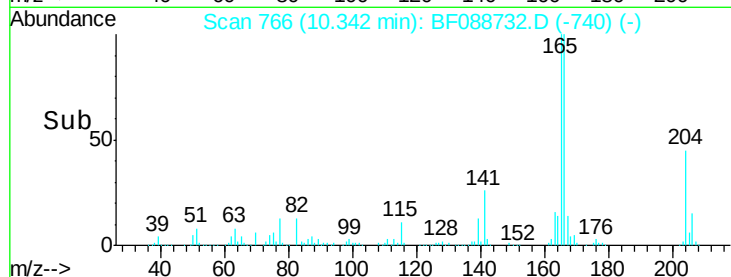
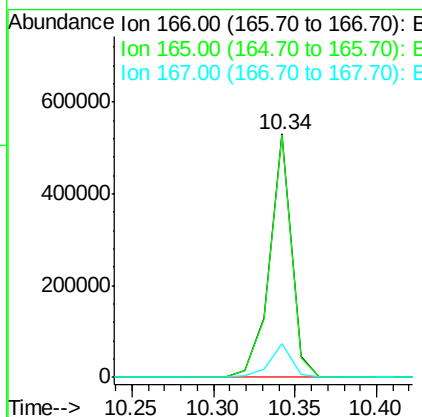
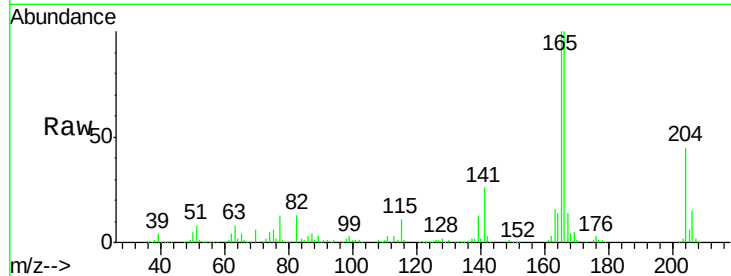
#57
Fluorene
Concen: 42.02 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampled :
PB91742BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	493917		
165	99.6	77.8	116.8	
167	13.7	11.2	16.8	

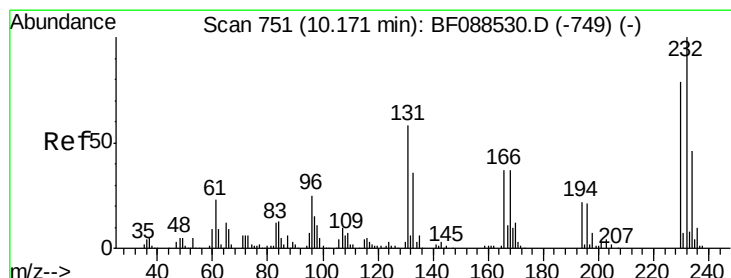
Manual Integrations

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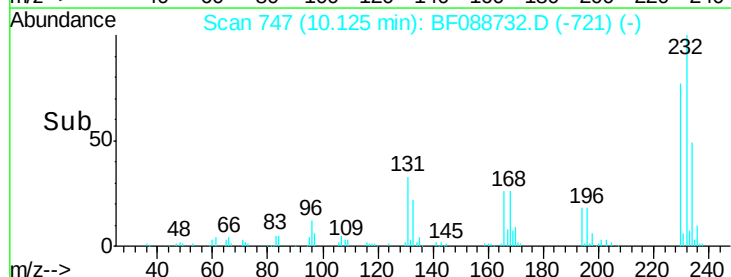
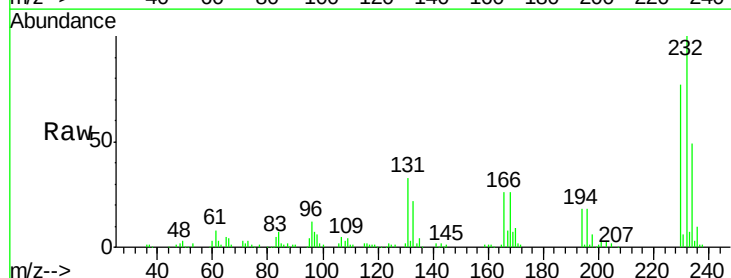
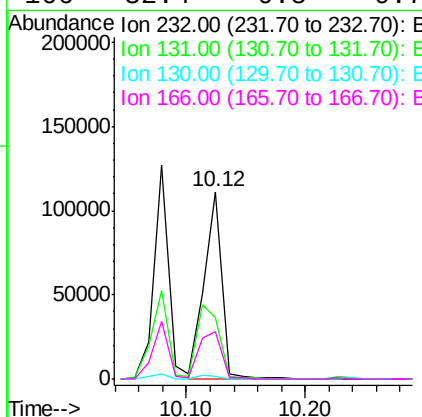
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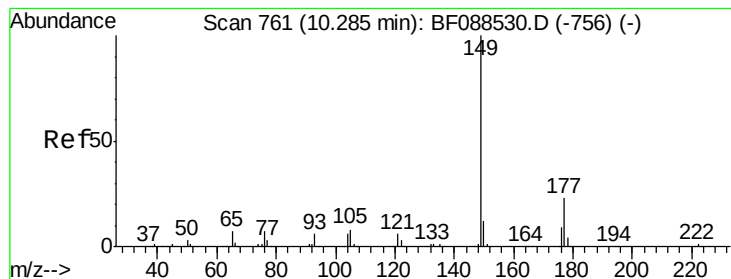
7/7/2016 1:55:57 AM



#58
2,3,4,6-Tetrachlorophenol
Concen: 43.18 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	115863		
131	49.8	0.9	1.3#	
130	2.5	1.5	2.3#	
166	32.4	0.5	0.7#	





#59

Diethylphthalate

Concen: 43.24 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Instrument :

BNA_F

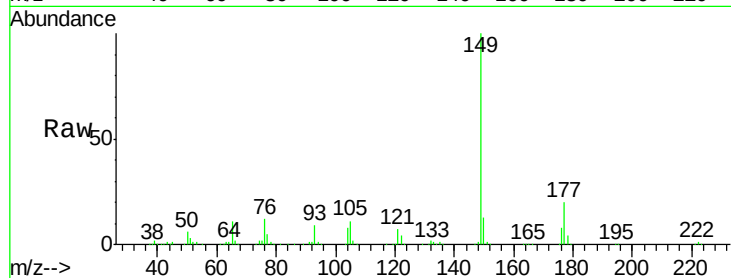
ClientSampled :

PB91742BS

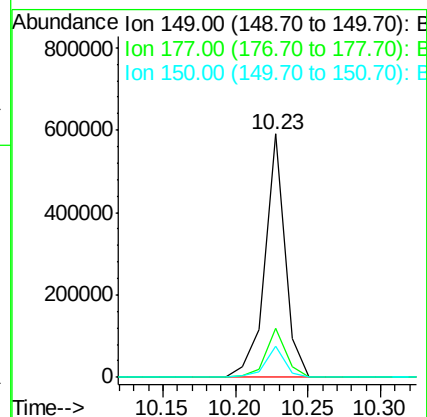
Manual Integrations

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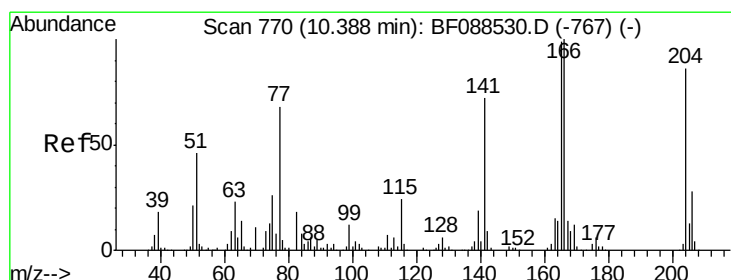


Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.9	25.3
150	12.9	10.1	15.1



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7/7/2016 1:55:57 AM



#60

4-Chlorophenyl-phenylether

Concen: 45.89 ng

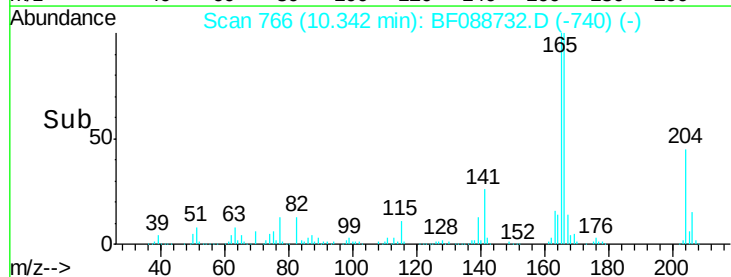
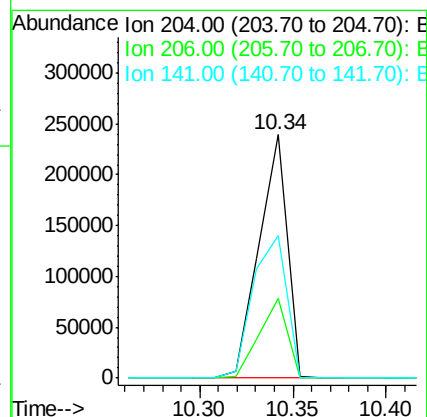
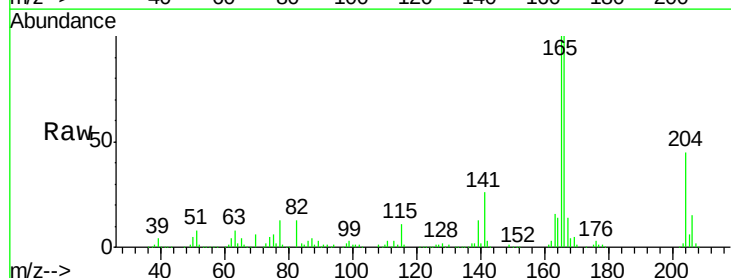
RT: 10.34 min Scan# 766

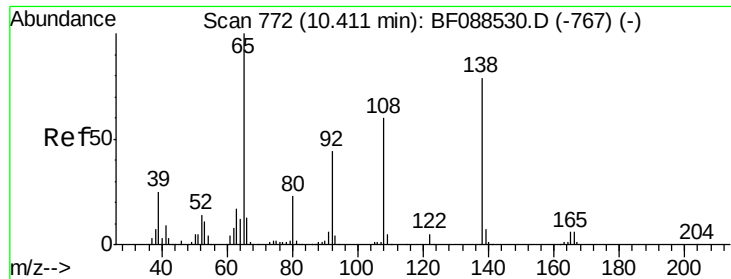
Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	58.4	55.0	82.6





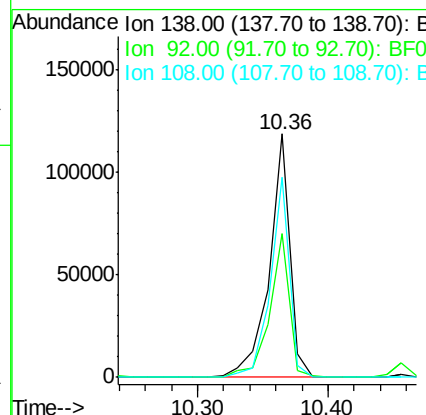
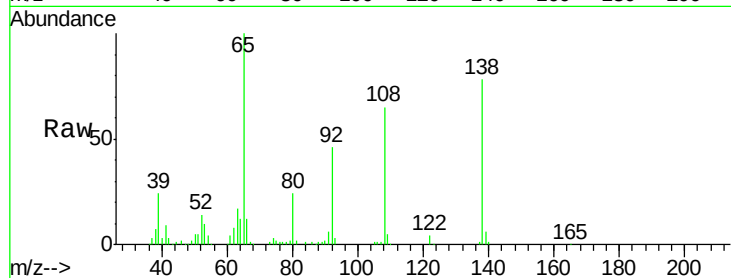
#61
4-Nitroaniline
Concen: 36.79 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampled :
PB91742BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.9	27.3	67.3
108	82.4	46.7	86.7

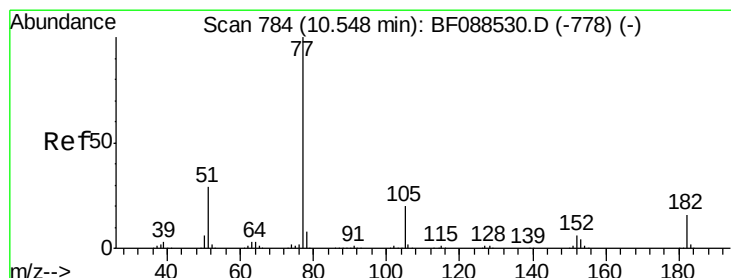
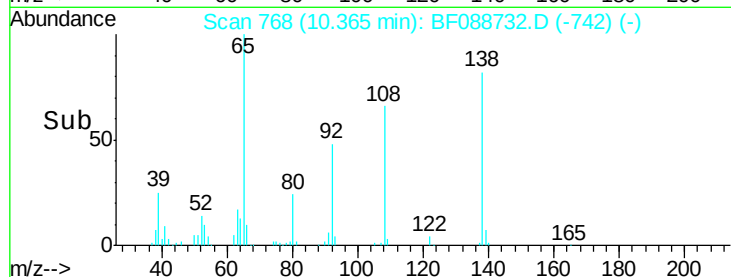
Manual Integrations

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7/7/2016 1:55:57 AM



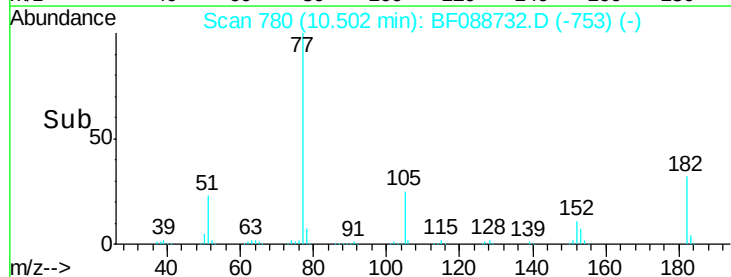
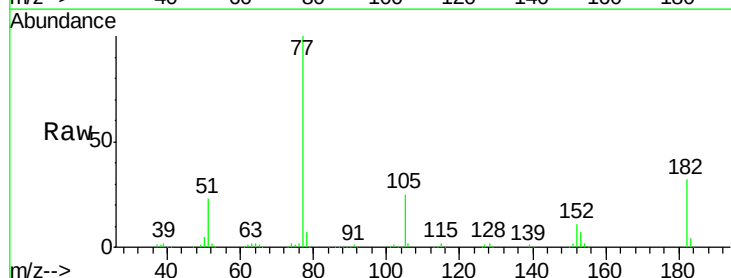
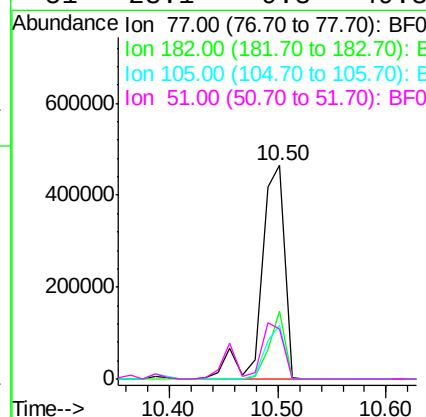
SOHIL

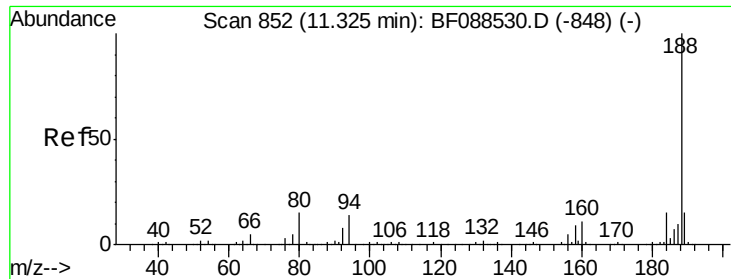
7/7/2016 1:55:57 AM



#62
Azobenzene
Concen: 46.63 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.9	4.4	44.4
105	25.0	3.8	43.8
51	23.1	9.3	49.3





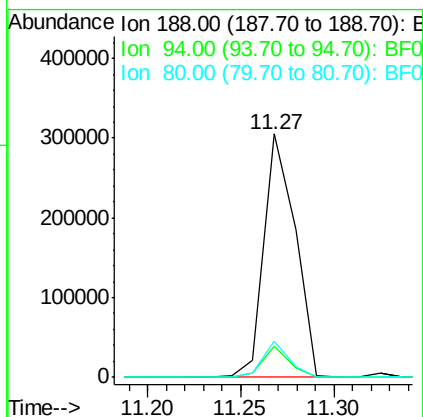
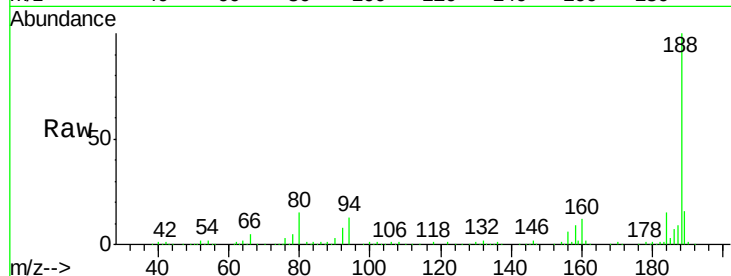
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampled :
PB91742BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	354252		
94	12.7	9.0	13.6	
80	14.9	10.0	15.0	

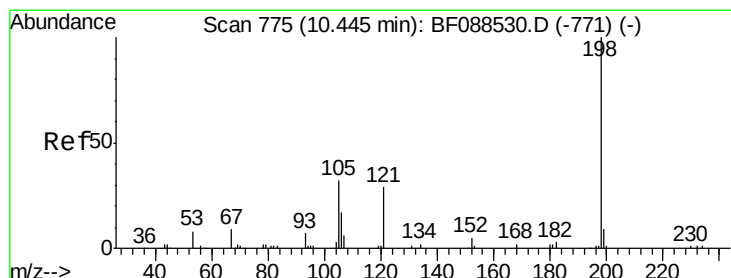
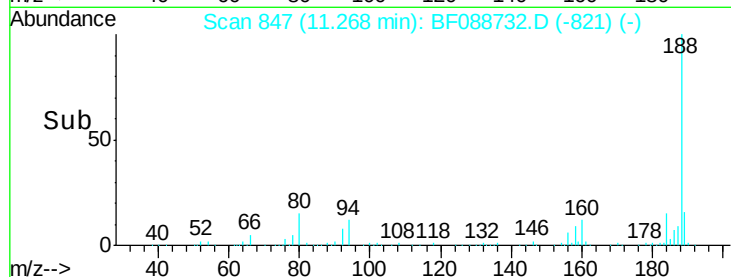
Manual Integrations

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7/7/2016 1:55:57 AM



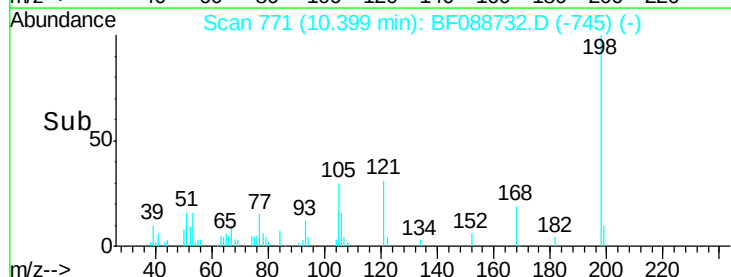
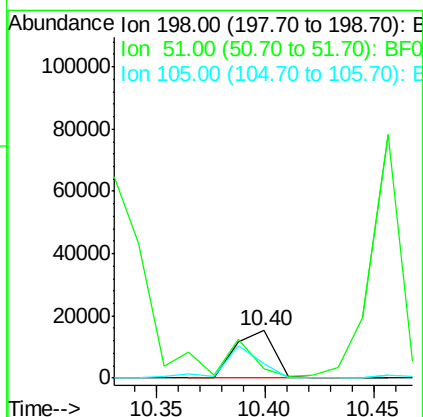
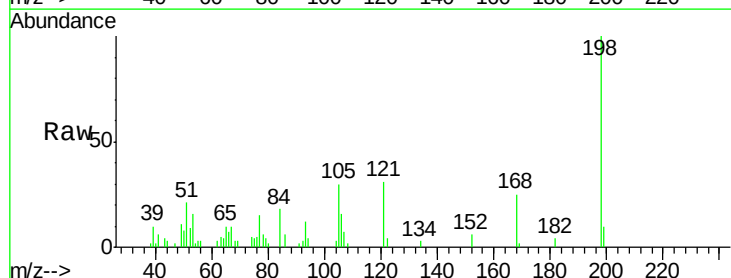
SOHIL

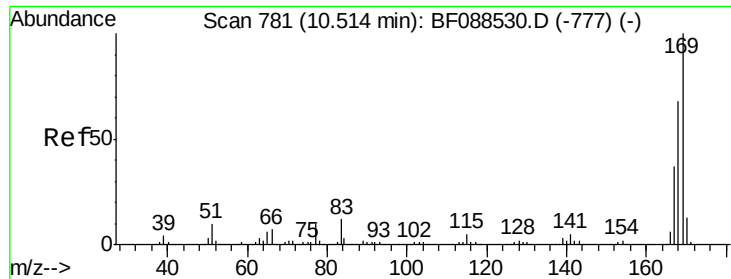
7/7/2016 1:55:57 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 9.96 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

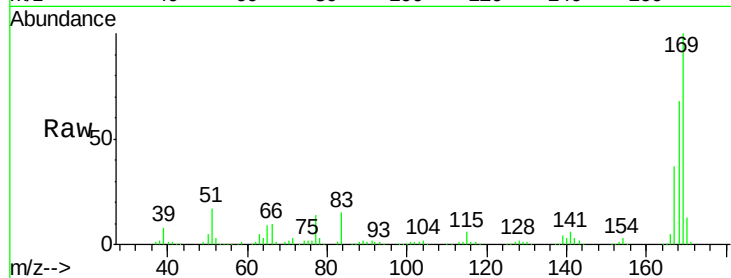
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	18866		
51	20.7	39.6	79.6#	
105	30.3	36.6	76.6#	





#65
 n-Nitrosodiphenylamine
 Concen: 38.31 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

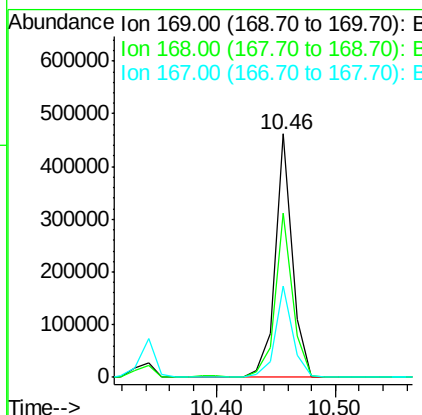
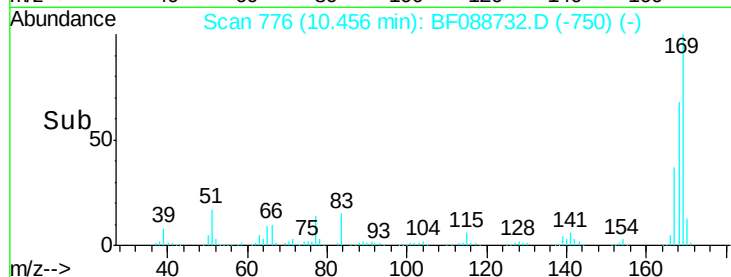
Instrument :
 BNA_F
 ClientSampled :
 PB91742BS



Tgt Ion:169 Resp: 459346
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.4 80.0
 167 37.4 29.4 44.0

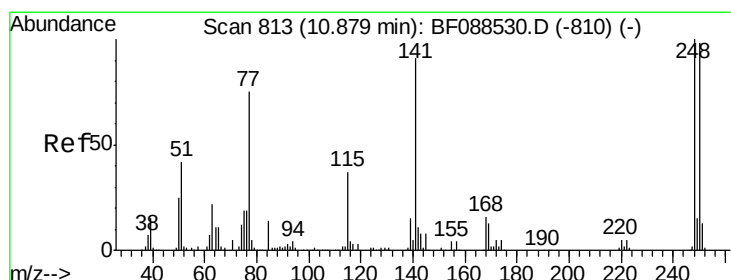
Manual Integrations

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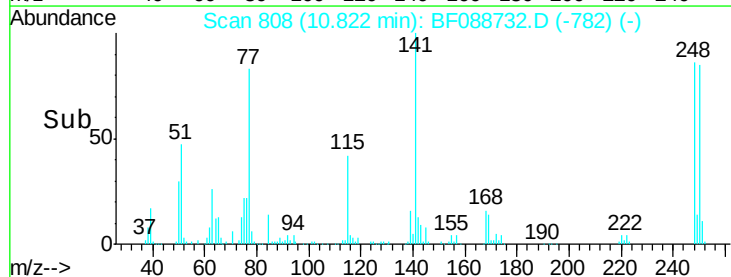
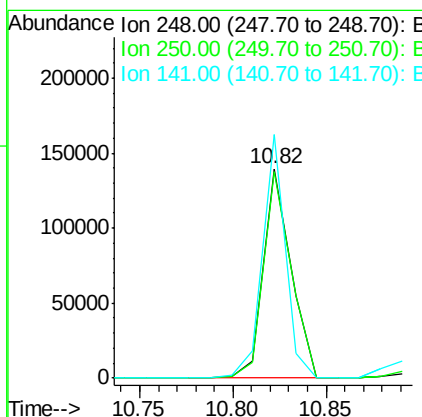
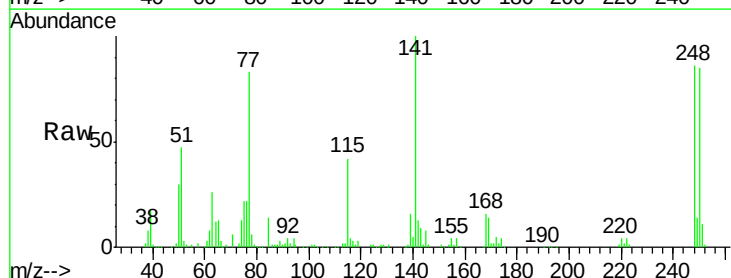
SOHIL

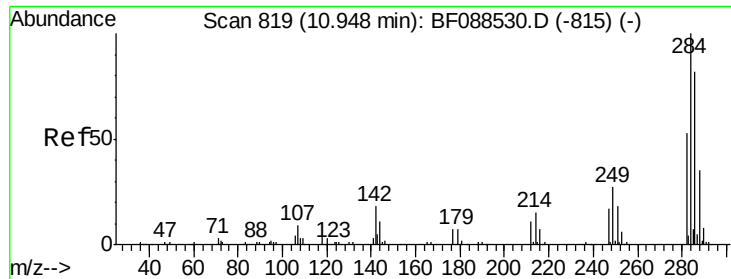
7/7/2016 1:55:57 AM



#66
 4-Bromophenyl-phenylether
 Concen: 39.70 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Tgt Ion:248 Resp: 141725
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.1 115.7
 141 116.3 50.6 76.0#





#67

Hexachlorobenzene

Concen: 43.58 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Instrument :

BNA_F

ClientSampled :

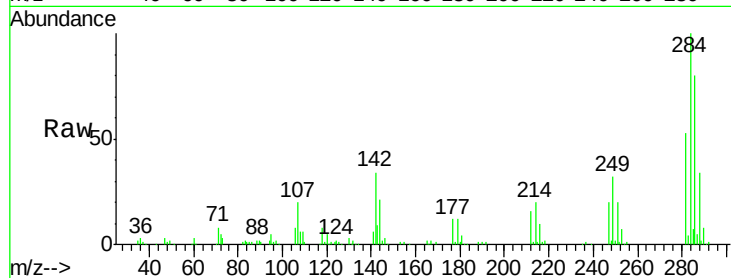
PB91742BS

Tgt Ion:	284	Resp:	172237
Ion Ratio	Lower	Upper	
284	100		
142	33.9	35.8	53.8#
249	32.4	25.8	38.6

Manual Integrations

SOHIL

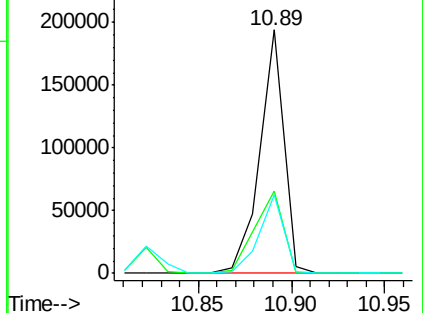
7/7/2016 1:55:57 AM



Abundance Ion 283.80 (283.50 to 284.50): E

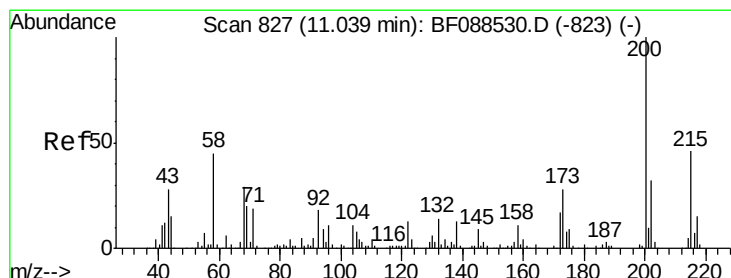
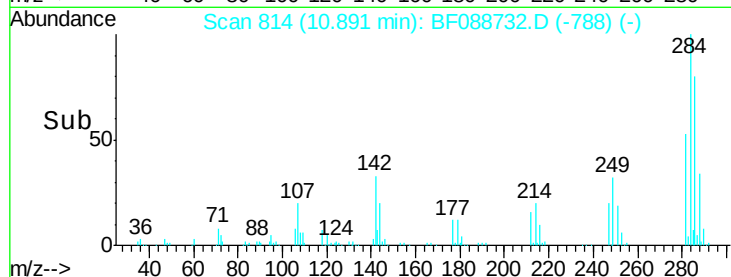
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



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7/7/2016 1:55:57 AM



#68

Atrazine

Concen: 47.06 ng

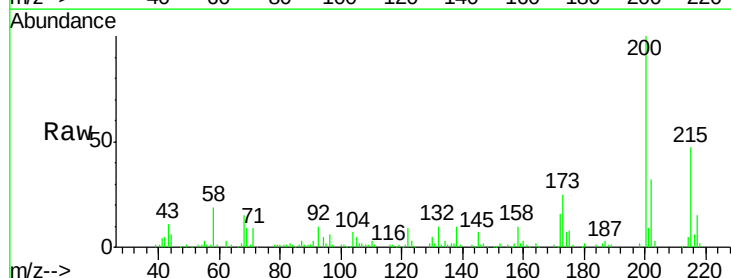
RT: 10.99 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

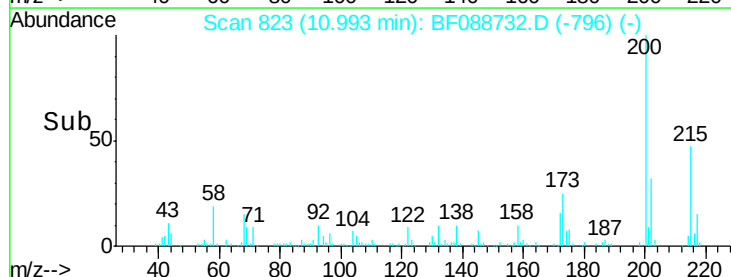
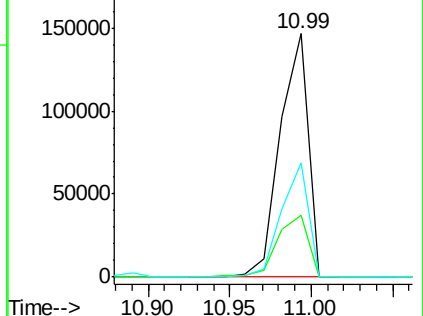
Tgt Ion:	200	Resp:	175833
Ion Ratio	Lower	Upper	
200	100		
173	25.2	4.0	44.0
215	47.0	29.3	69.3

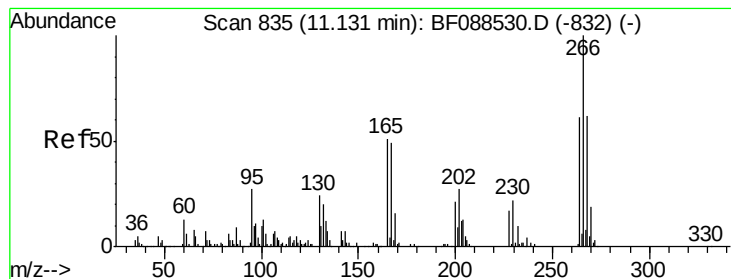


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 33.87 ng

RT: 11.08 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF088732.D

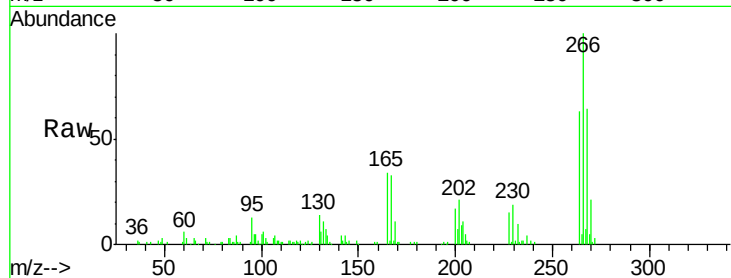
Acq: 6 Jul 2016 11:58

Instrument :

BNA_F

ClientSampled :

PB91742BS



Tgt Ion: 266 Resp: 79214

Ion Ratio Lower Upper

266 100

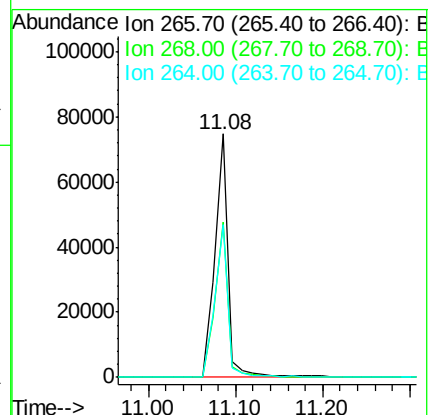
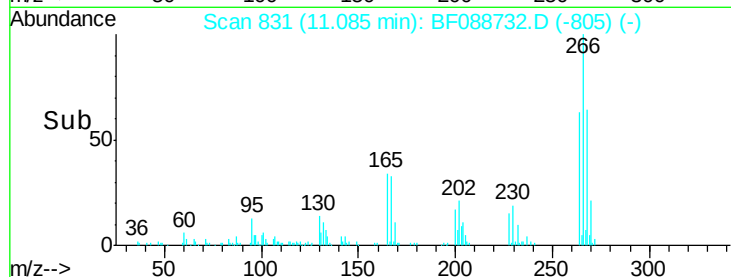
268 63.9 52.8 79.2

264 62.9 49.6 74.4

Manual Integrations

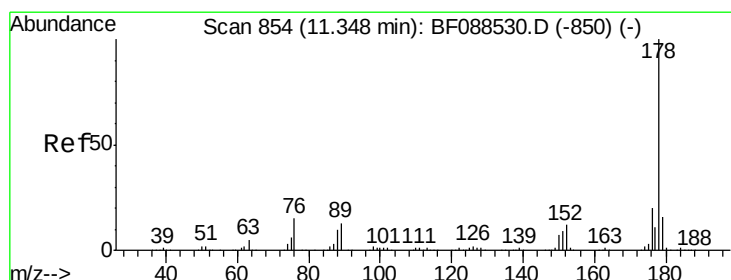
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7/7/2016 1:55:57 AM



#70

Phenanthrene

Concen: 45.52 ng

RT: 11.30 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

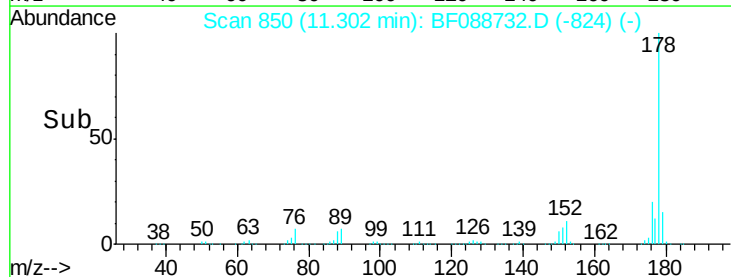
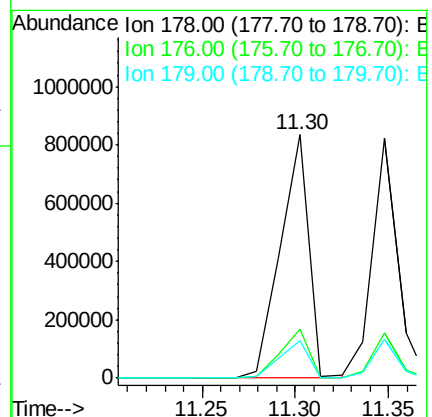
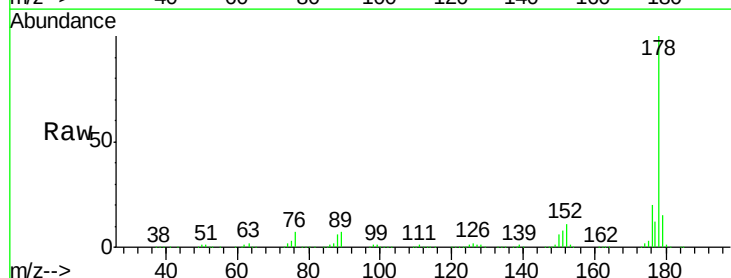
Tgt Ion: 178 Resp: 881449

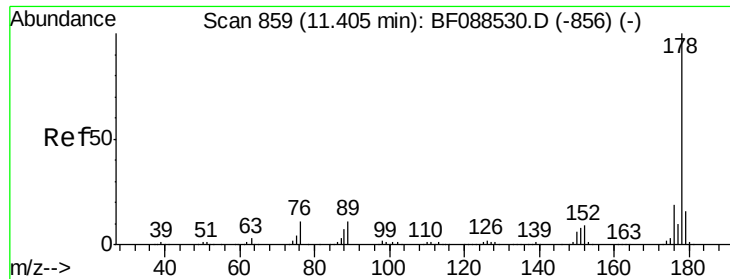
Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.6

179 15.3 13.0 19.4





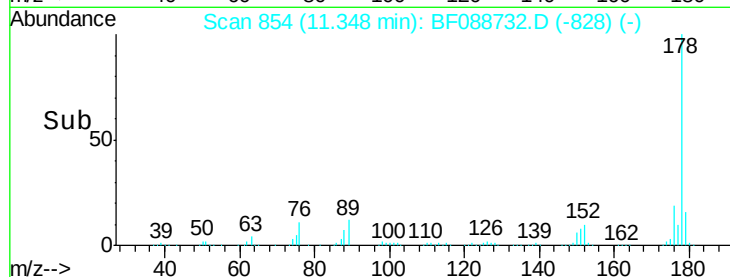
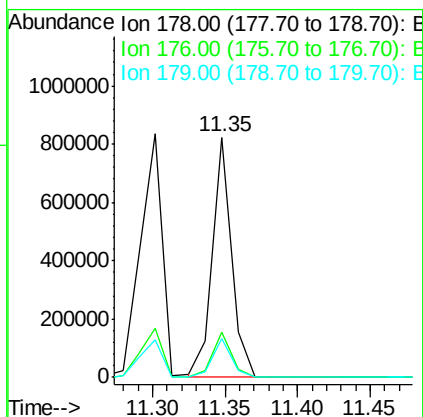
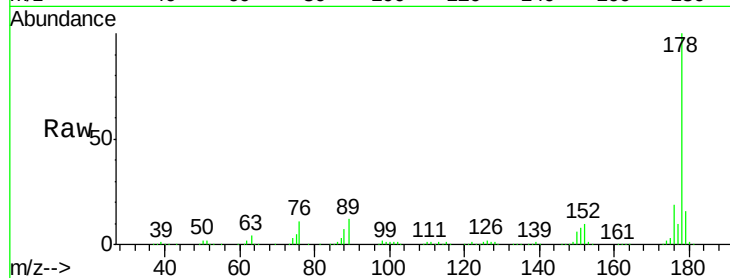
#71
 Anthracene
 Concen: 39.42 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Instrument :
 BNA_F
 ClientSampled :
 PB91742BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	16.0	12.8	19.2

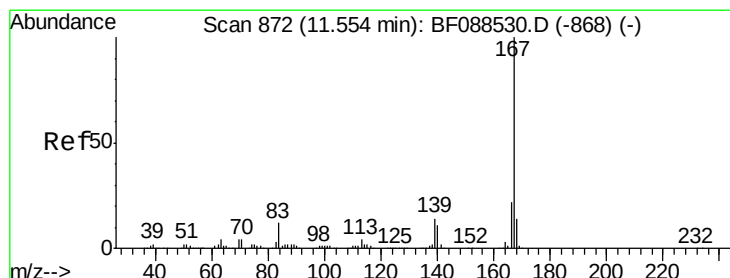
Manual Integrations

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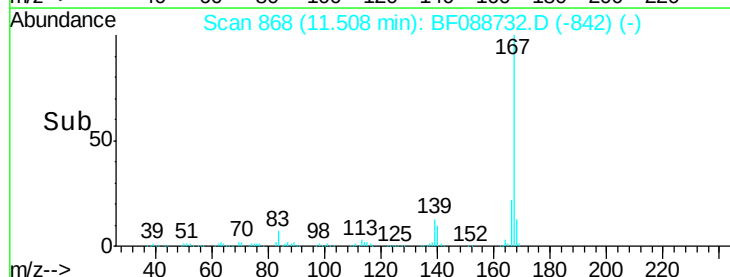
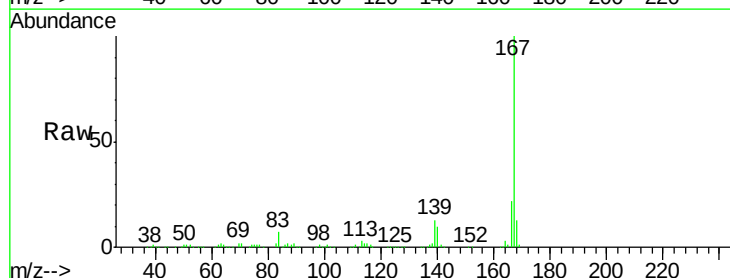
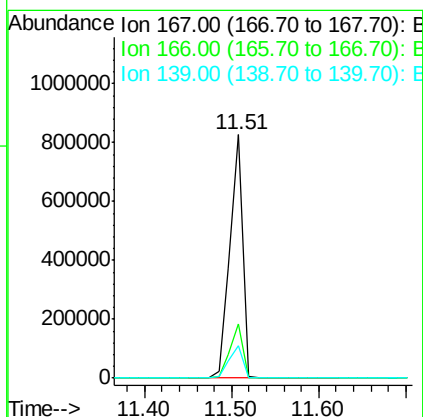
SOHIL

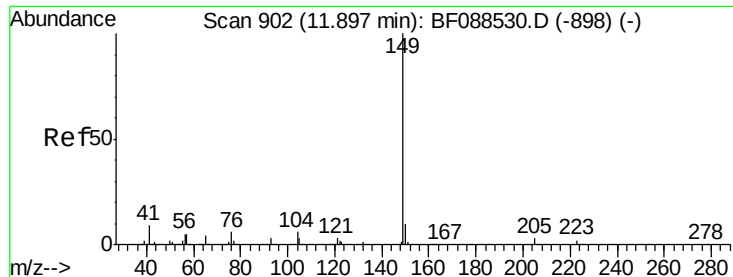
7/7/2016 1:55:57 AM



#72
 Carbazole
 Concen: 46.42 ng
 RT: 11.51 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	13.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 44.66 ng

RT: 11.84 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Instrument :

BNA_F

ClientSampleId :

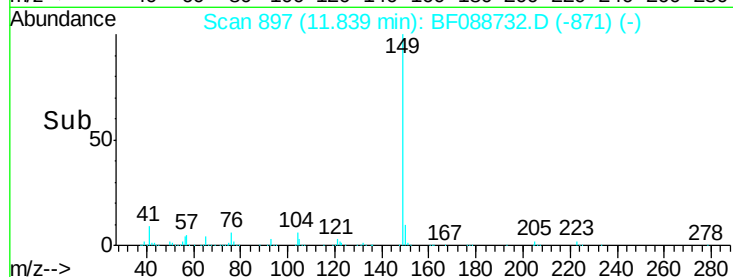
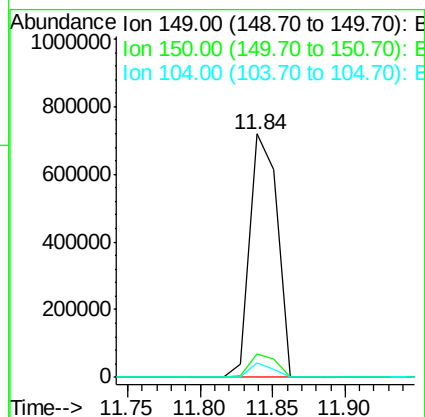
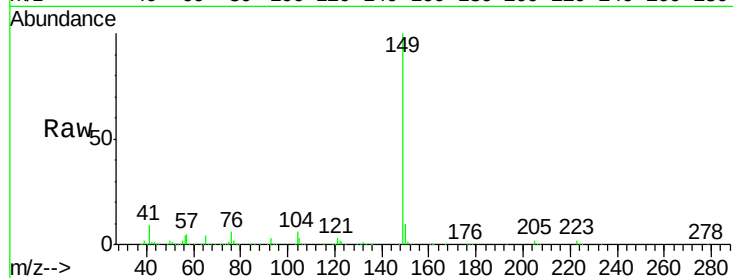
PB91742BS

Tgt Ion:	149	Resp:	941552
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	6.1	4.0	6.0

Manual Integrations

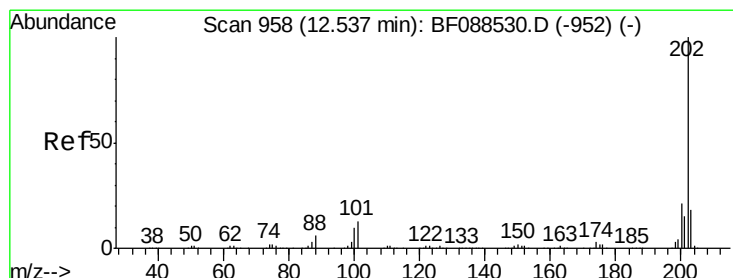
SOHIL

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SOHIL

7/7/2016 1:55:57 AM



#74

Fluoranthene

Concen: 42.43 ng

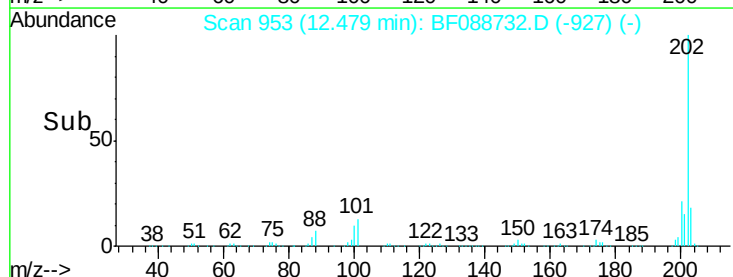
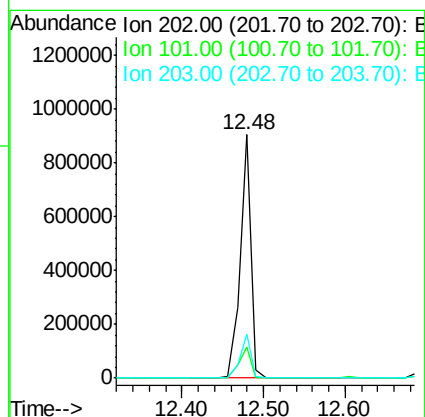
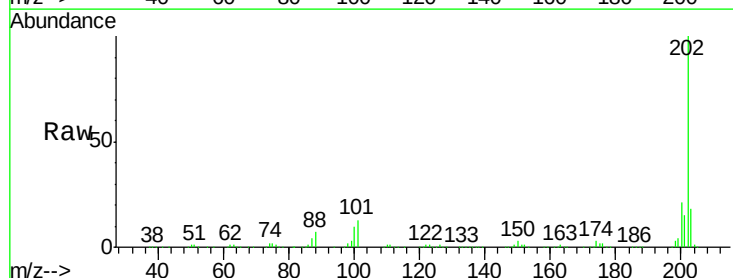
RT: 12.48 min Scan# 953

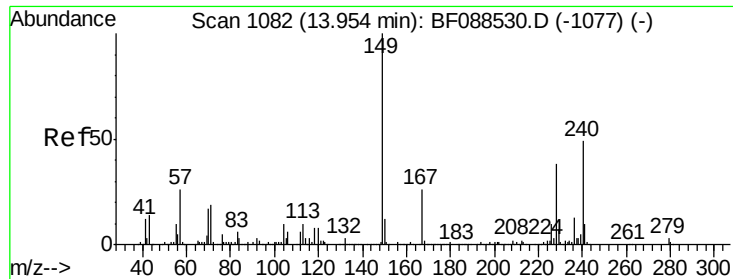
Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Tgt Ion:	202	Resp:	832954
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	33.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Instrument :

BNA_F

ClientSampled :

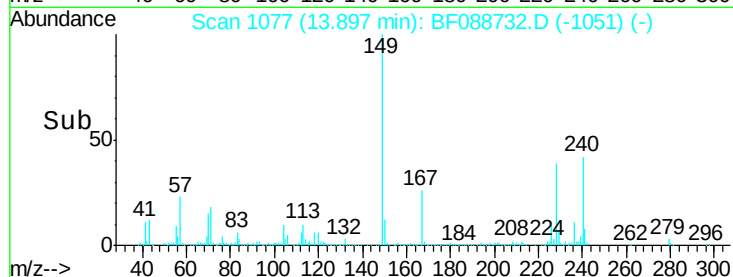
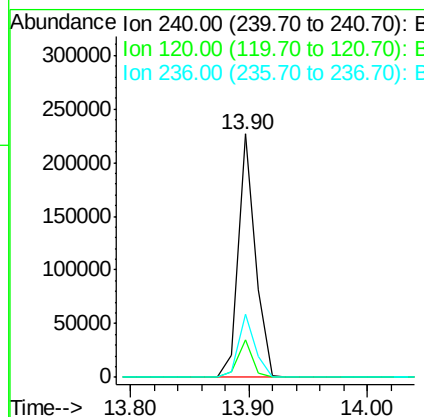
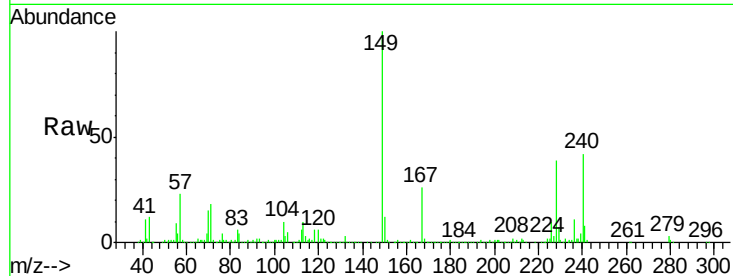
PB91742BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	228168		
120	15.4	6.8	10.2	
236	25.9	20.2	30.2	

Manual Integrations

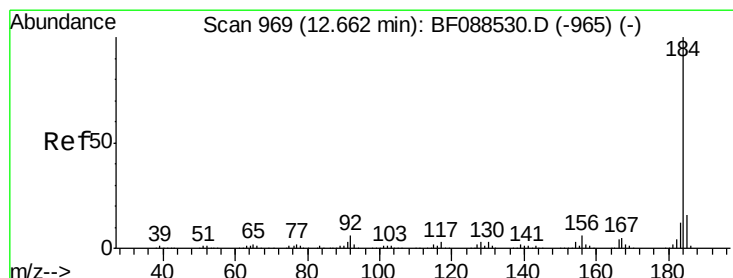
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7/7/2016 1:55:57 AM



#76

Benzidine

Concen: 42.41 ng

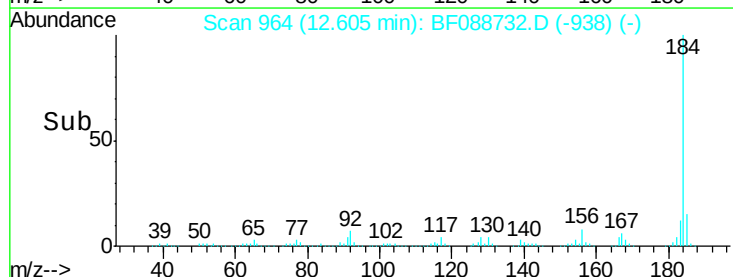
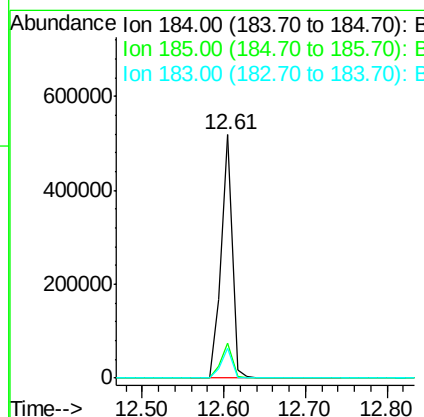
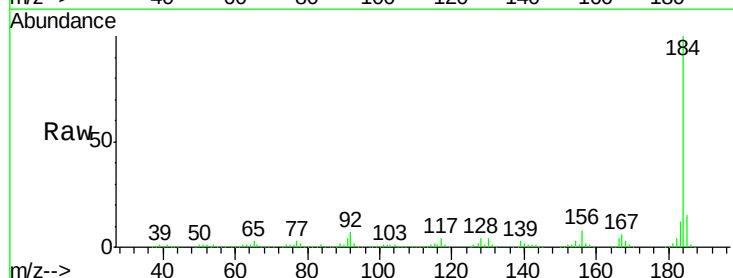
RT: 12.61 min Scan# 964

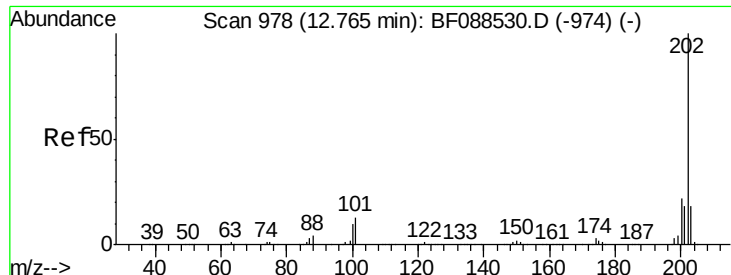
Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	489149		
185	14.5	12.5	18.7	
183	12.1	9.3	13.9	





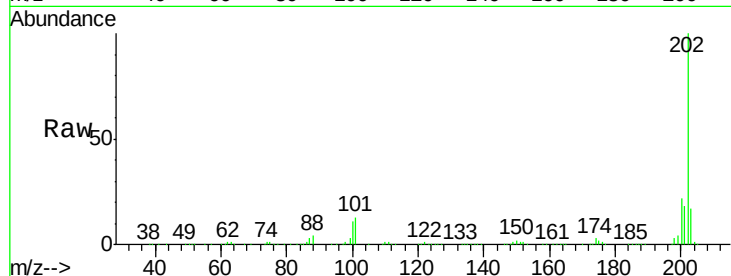
#77
Pyrene
 Concen: 45.21 ng
 RT: 12.71 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BS

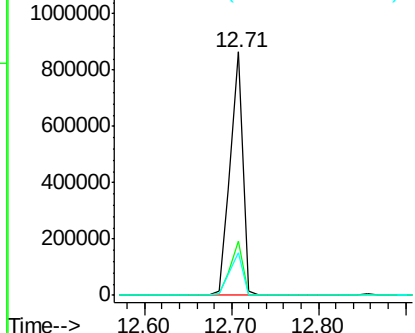
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.4	14.5	21.7

Manual Integrations

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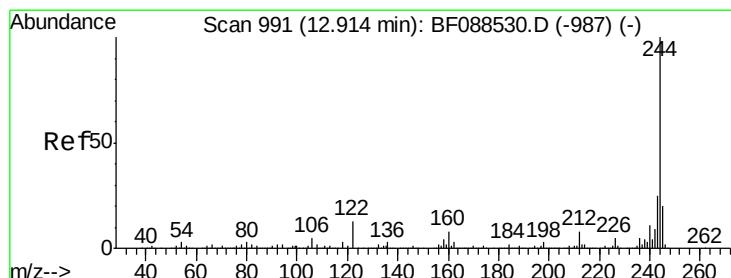
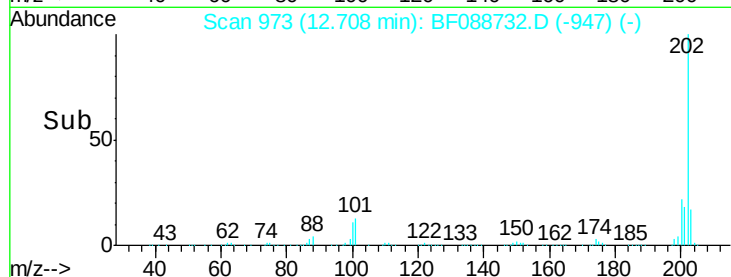


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



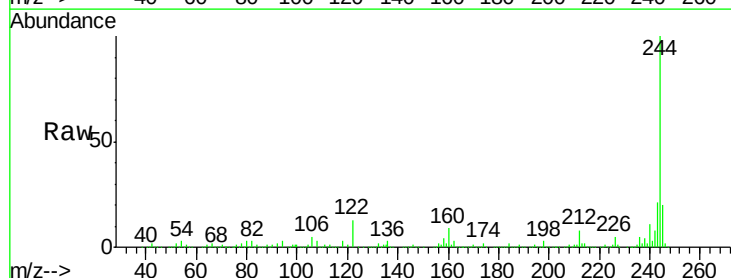
SOHIL

7/7/2016 1:55:57 AM

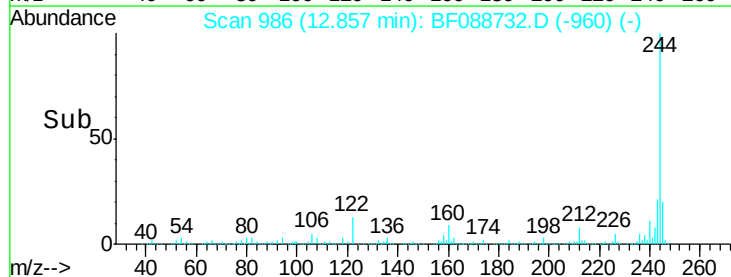
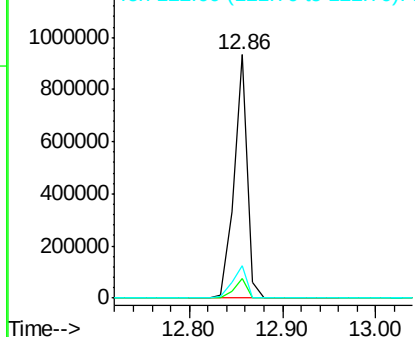


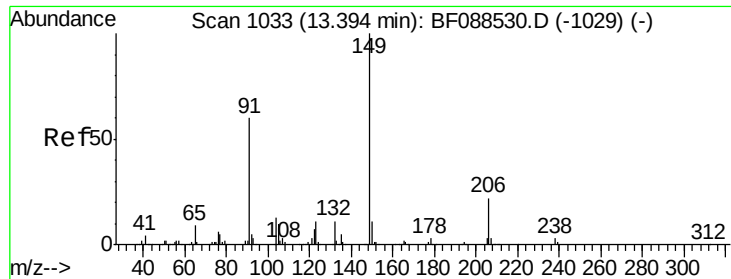
#78
Terphenyl-d14
 Concen: 90.17 ng
 RT: 12.86 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	13.2	11.2	16.8



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





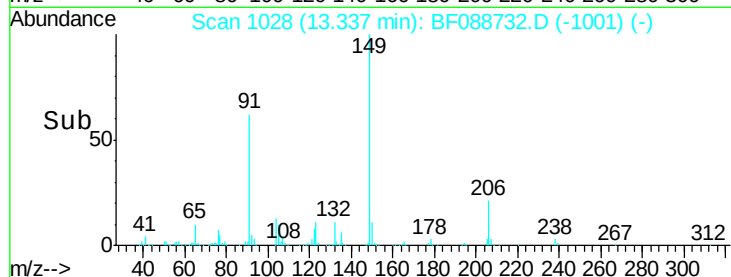
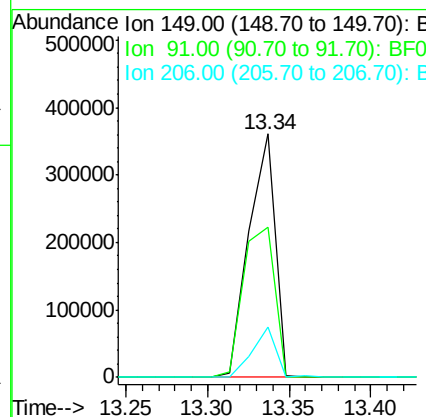
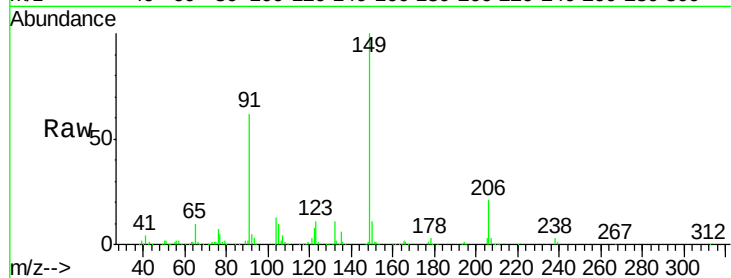
#79
Butylbenzylphthalate
Concen: 46.66 ng
RT: 13.34 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampled :
PB91742BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.9	48.0	72.0
206	20.9	16.0	24.0

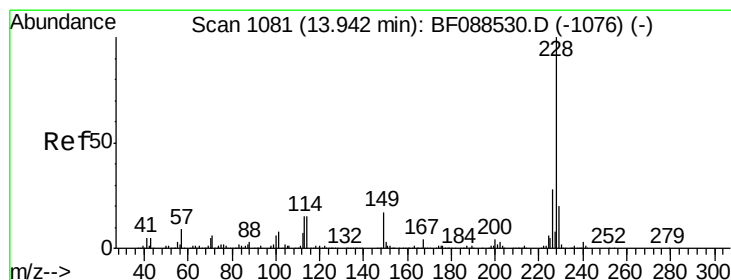
Manual Integrations

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7/7/2016 1:55:57 AM



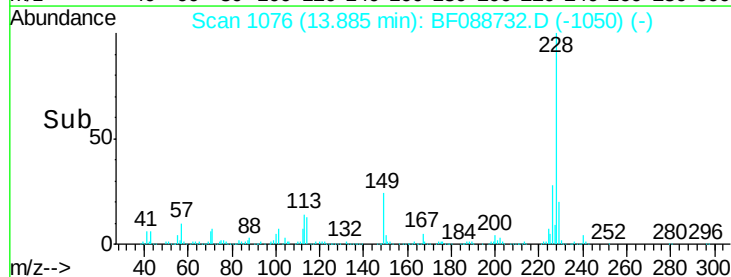
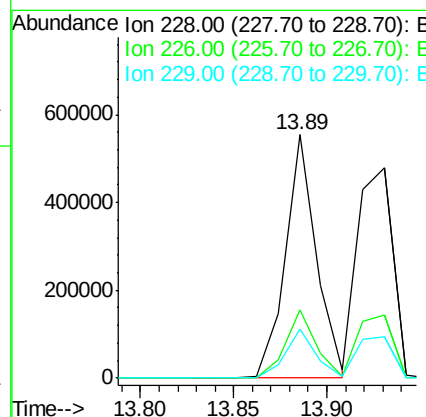
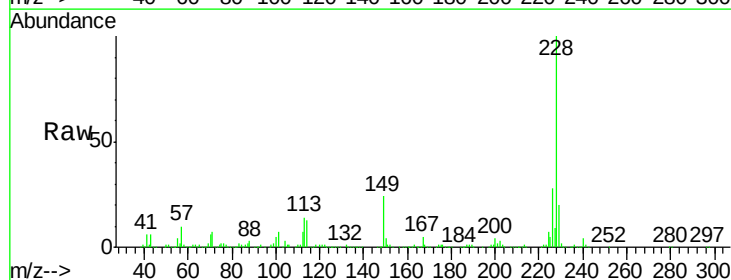
SOHIL

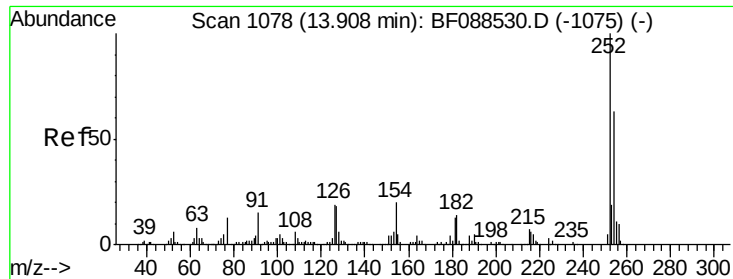
7/7/2016 1:55:57 AM



#80
Benzo(a)anthracene
Concen: 43.66 ng
RT: 13.89 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.0	16.0	24.0





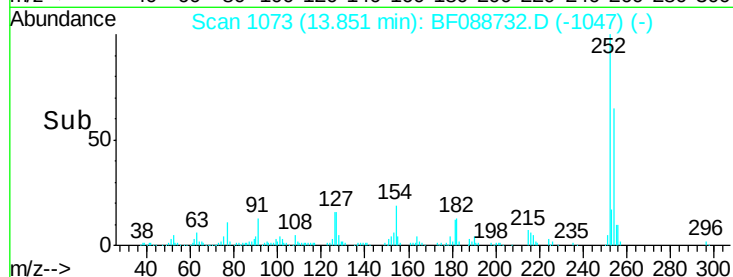
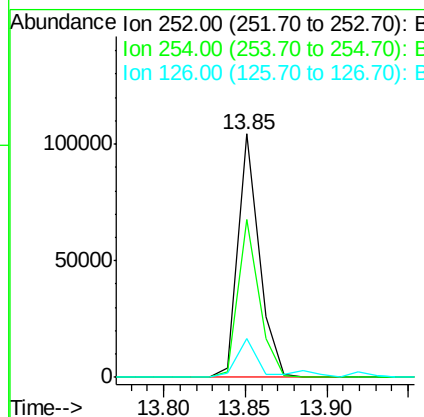
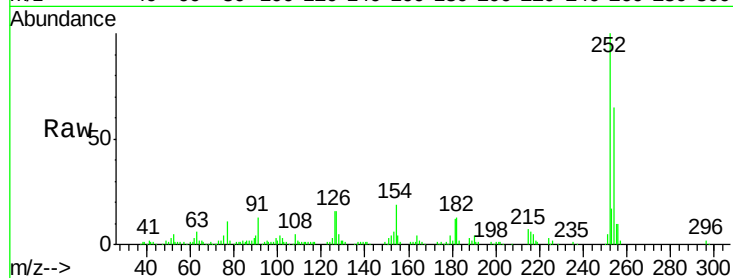
#81
 3,3'-Dichlorobenzidine
 Concen: 16.85 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	78.8
126	16.1	6.2	9.2

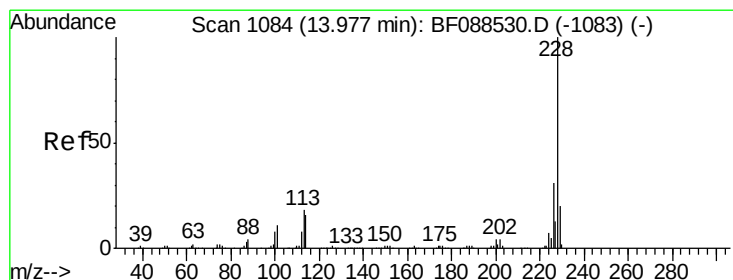
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 7/7/2016 1:55:57 AM



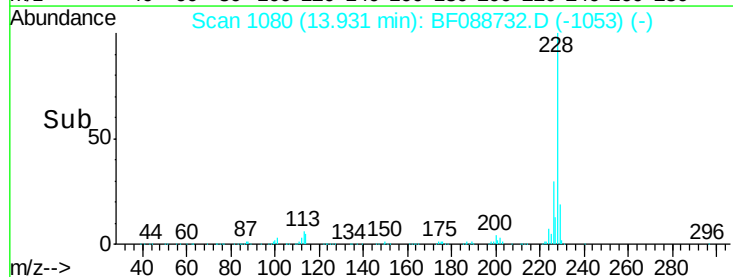
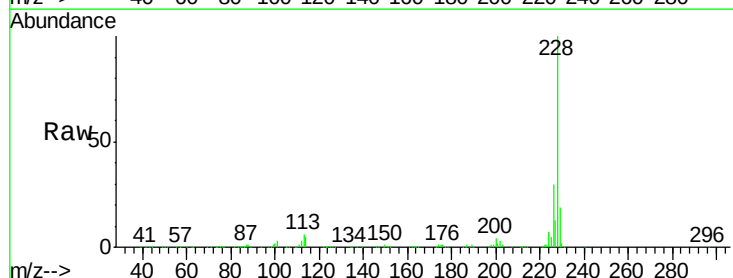
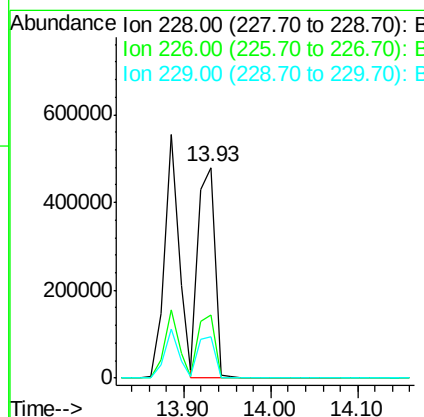
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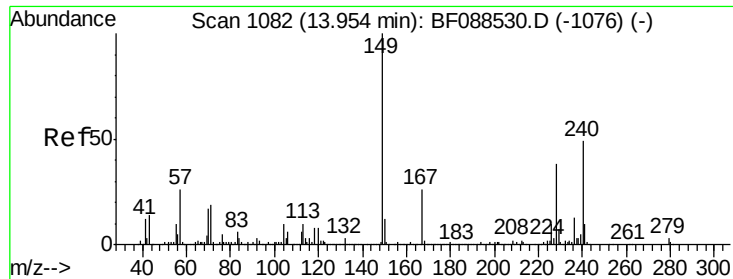
7/7/2016 1:55:57 AM



#82
 Chrysene
 Concen: 43.81 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.2
229	19.5	16.3	24.5





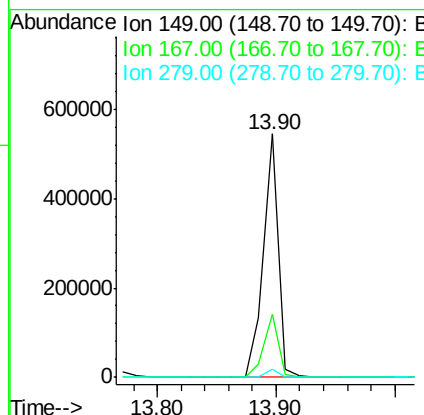
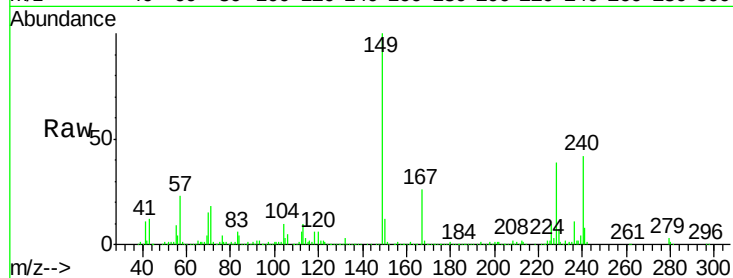
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.94 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.5	30.7
279	3.3	2.0	3.0

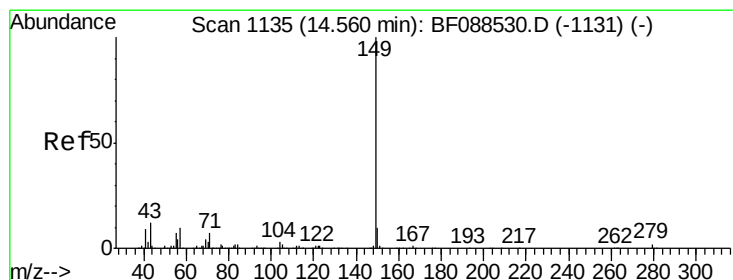
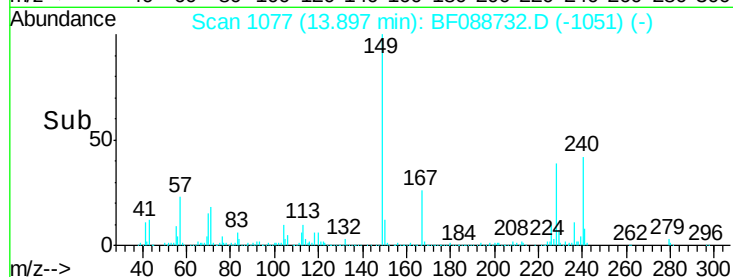
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 7/7/2016 1:55:57 AM



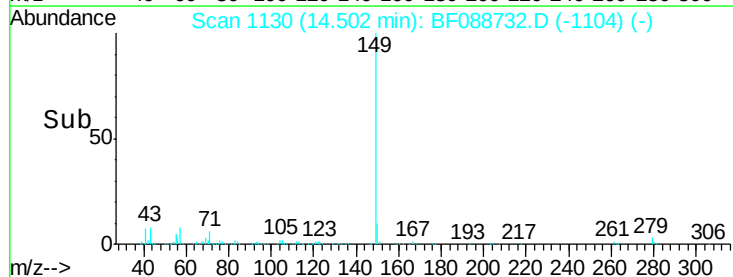
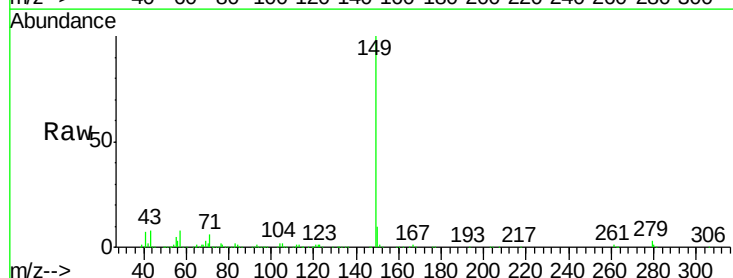
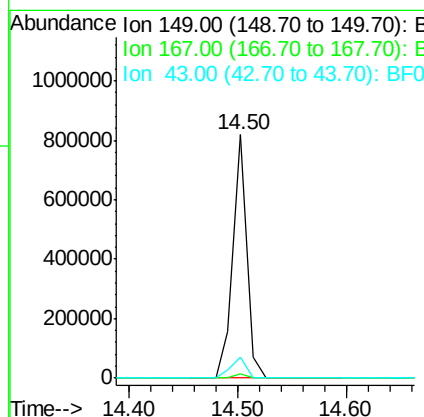
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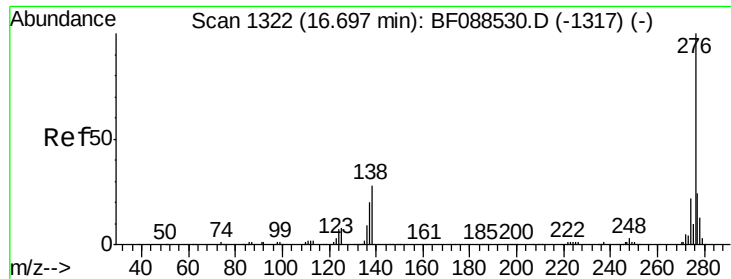
7/7/2016 1:55:57 AM



#84
 Di-n-octyl phthalate
 Concen: 43.03 ng
 RT: 14.50 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0
43	9.3	0.0	0.0





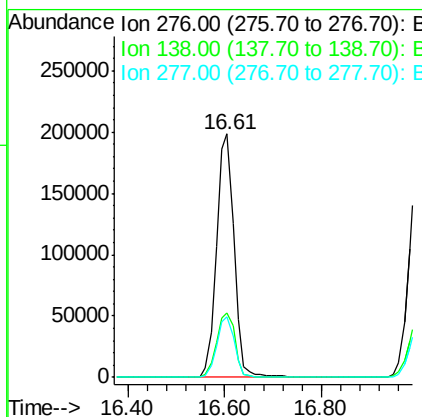
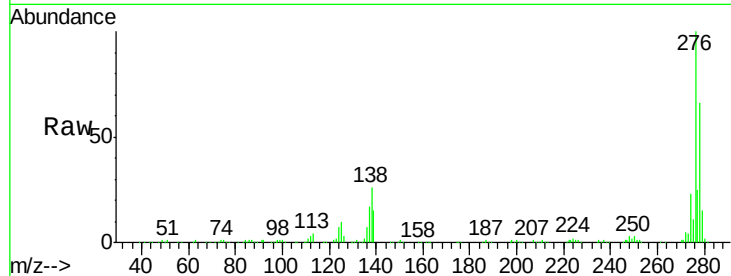
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.17 ng
RT: 16.61 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampled :
PB91742BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	0.0	0.0#
277	25.2	0.0	0.0#

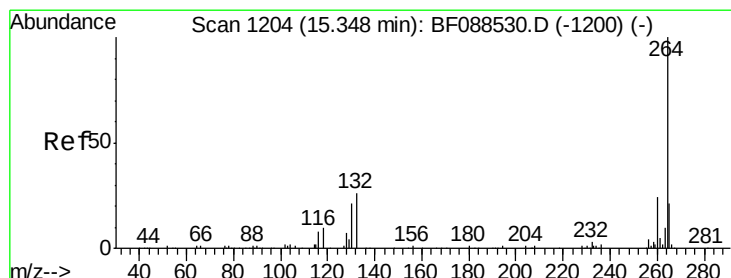
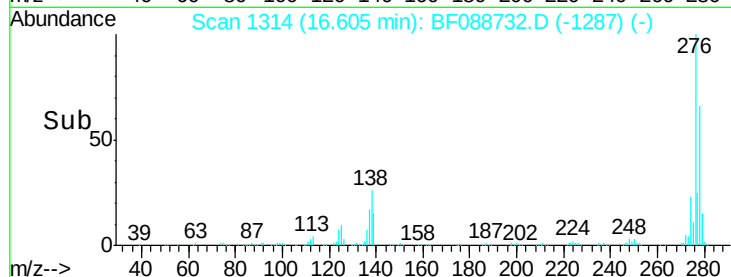
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7/7/2016 1:55:57 AM



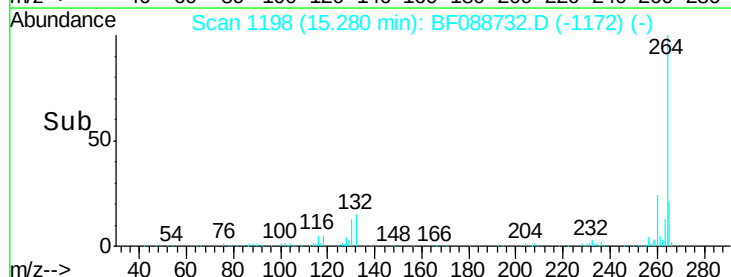
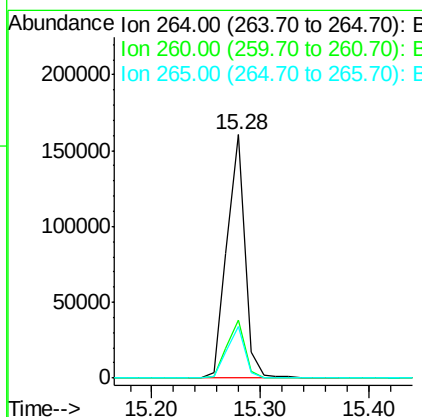
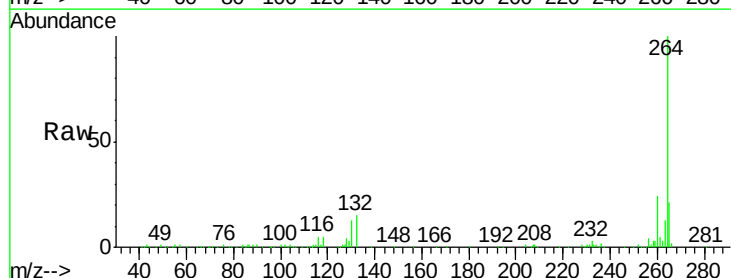
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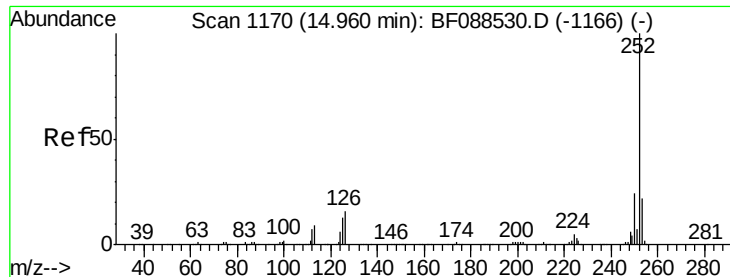
7/7/2016 1:55:57 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 41.42 ng m

RT: 14.89 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF088732.D

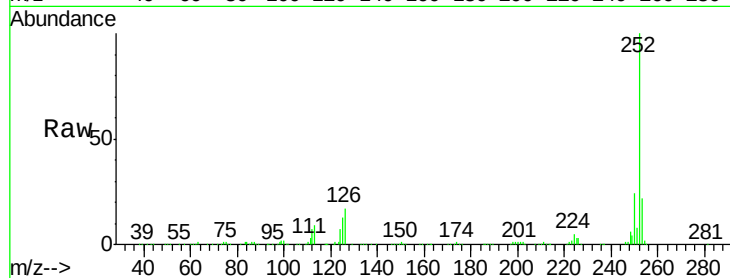
Acq: 6 Jul 2016 11:58

Instrument :

BNA_F

ClientSampleId :

PB91742BS



Tgt Ion:252 Resp: 477396

Ion Ratio Lower Upper

252 100

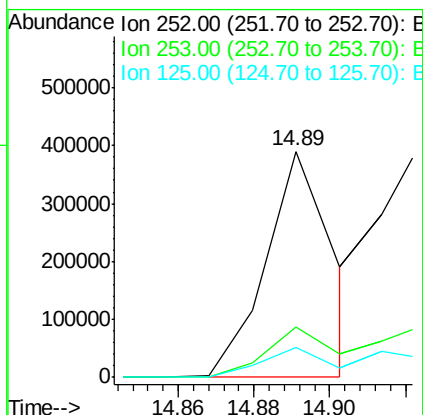
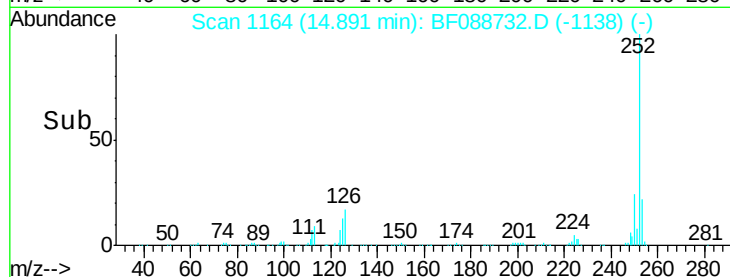
253 22.0 17.4 26.2

125 13.0 7.1 10.7#

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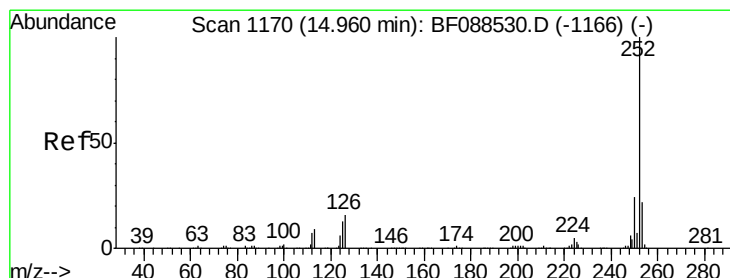
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7/7/2016 1:55:57 AM



#88

Benzo(k)fluoranthene

Concen: 49.70 ng m

RT: 14.93 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF088732.D

Acq: 6 Jul 2016 11:58

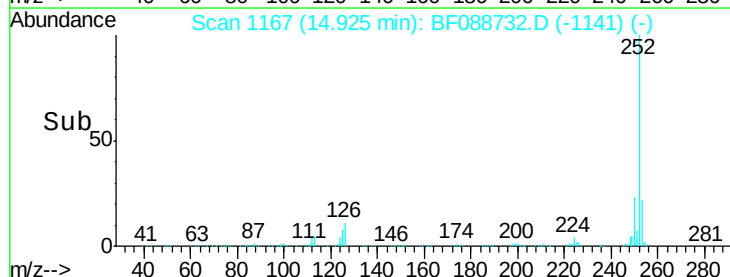
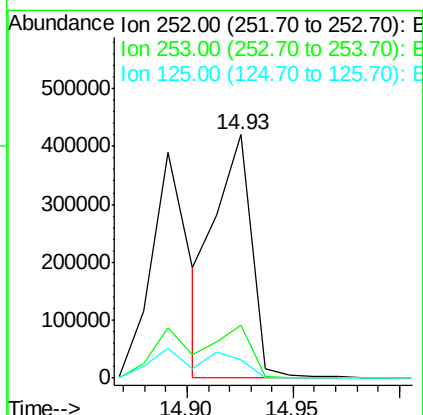
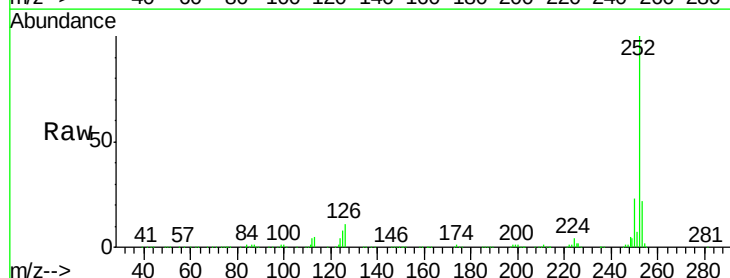
Tgt Ion:252 Resp: 498724

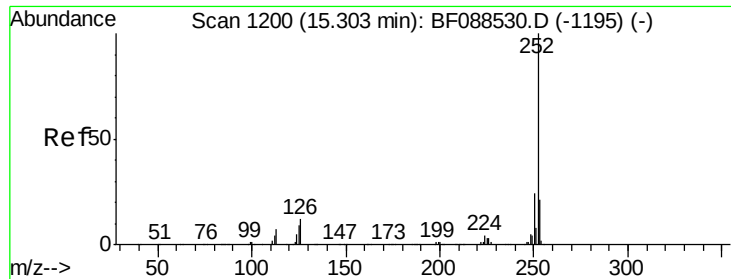
Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 7.7 11.2 16.8#





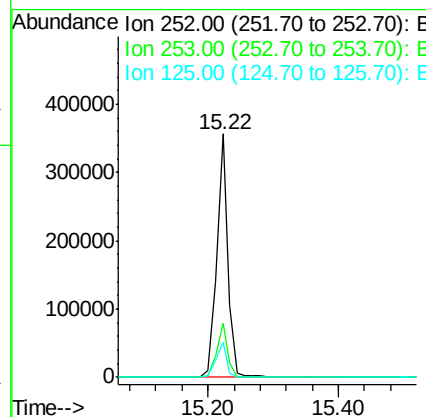
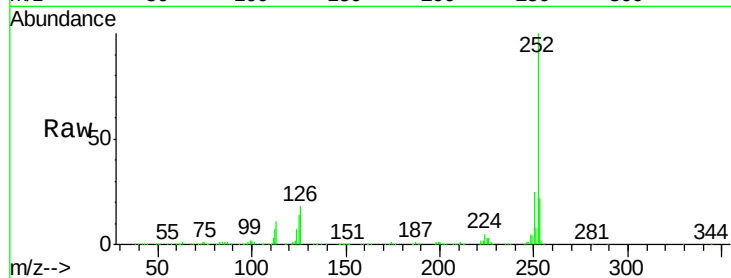
#89
Benzo(a)pyrene
Concen: 44.34 ng
RT: 15.22 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

Instrument :
BNA_F
ClientSampleId :
PB91742BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	14.3	12.5	18.7

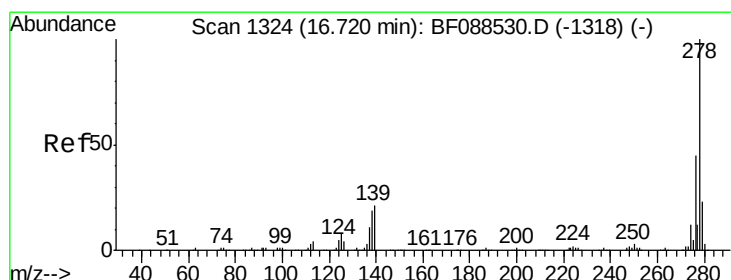
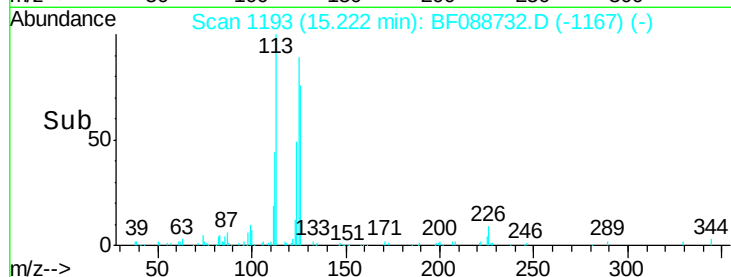
Manual Integrations

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7/7/2016 1:55:57 AM



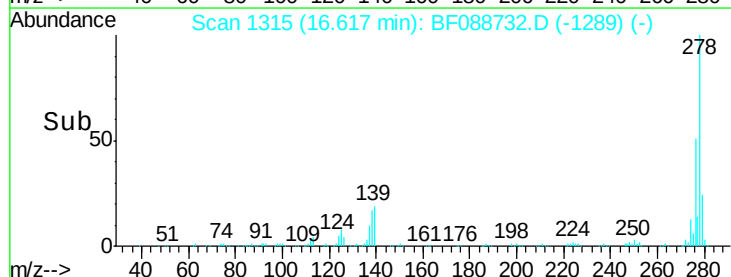
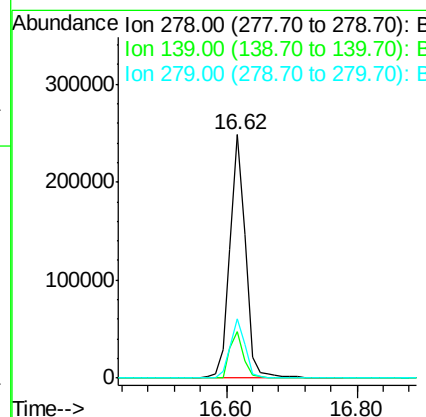
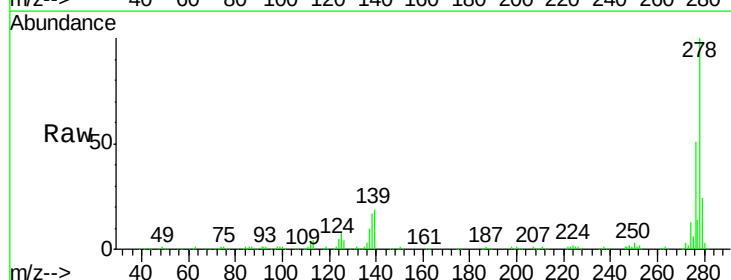
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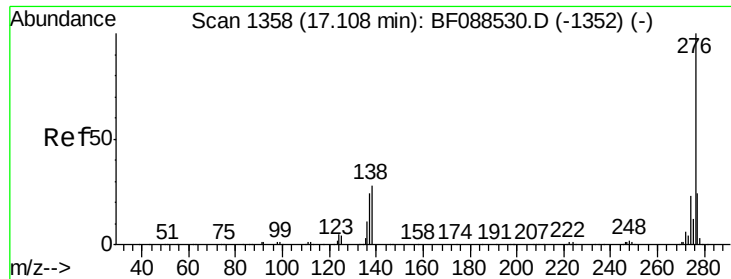
7/7/2016 1:55:57 AM



#90
Dibenzo(a,h)anthracene
Concen: 50.87 ng
RT: 16.62 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF088732.D
Acq: 6 Jul 2016 11:58

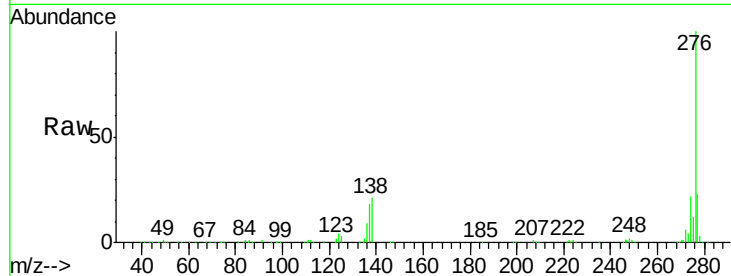
Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.7	23.5
279	24.3	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 51.76 ng
 RT: 17.01 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BF088732.D
 Acq: 6 Jul 2016 11:58

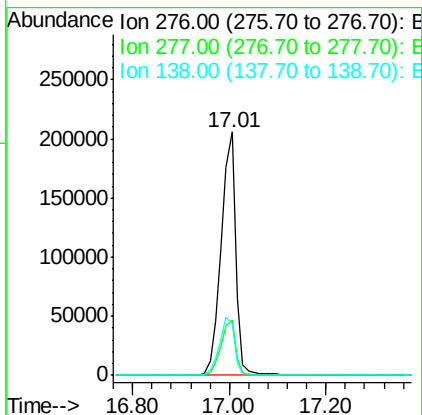
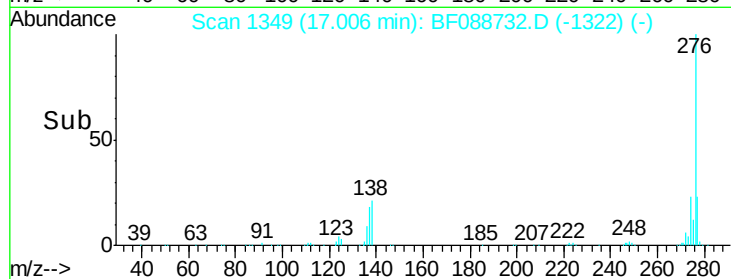
Instrument :
 BNA_F
 ClientSampleId :
 PB91742BS



Tgt Ion:	276	Resp:	436502
Ion Ratio		Lower	Upper
276	100		
277	23.0	18.9	28.3
138	21.2	21.4	32.2#

Manual Integrations

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