

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
 Data File : BF077284.D
 Acq On : 12 Feb 2015 14:12
 Operator : TP/IZ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDICC2.5

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:39:52 PM

Quant Time: Feb 13 03:02:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 01:12:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	25064	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	109908	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	60419	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	102352	20.00	ng	0.00
75) Chrysene-d12	20.96	240	96734	20.00	ng	0.00
86) Perylene-d12	22.60	264	80170	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.56	112	4602	3.02	ng	0.07
7) Phenol-d6	6.98	99	8490	4.41	ng	0.05
23) Nitrobenzene-d5	8.82	82	7933	4.01	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	1881	3.84	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	19397	4.88	ng	0.00
78) Terphenyl-d14	19.70	244	21024	5.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.01	88	1650	2.56	ng	# 53
8) 2-Chlorophenol	7.06	128	4093	2.32	ng	95
9) Benzaldehyde	6.53	77	2713	2.35	ng	# 67
11) bis(2-Chloroethyl)ether	7.06	93	3452	2.14	ng	82
12) 1,3-Dichlorobenzene	7.34	146	4628	2.32	ng	96
13) 1,4-Dichlorobenzene	7.54	146	4965	2.36	ng	# 93
14) 1,2-Dichlorobenzene	7.86	146	4609	2.37	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.30	45	5427	2.52	ng	95
17) 2-Methylphenol	8.35	107	2913	2.04	ng	91
18) Hexachloroethane	8.59	117	1482	2.01	ng	# 80
19) n-Nitroso-di-n-propylamine	8.59	70	3443	2.56	ng	# 93
22) Acetophenone	8.52	105	5498m	2.05	ng	
24) Nitrobenzene	8.88	77	4524m	2.25	ng	
25) Isophorone	9.46	82	7852	2.19	ng	# 91
28) bis(2-Chloroethoxy)methane	10.10	93	4677	2.27	ng	# 82
30) 1,2,4-Trichlorobenzene	10.34	180	3907	2.44	ng	# 89
31) Naphthalene	10.46	128	13262	2.38	ng	95
34) Hexachlorobutadiene	10.83	225	2233	2.38	ng	92
36) 4-Chloro-3-methylphenol	12.08	107	3557m	2.14	ng	
37) 2-Methylnaphthalene	12.12	142	12069	3.12	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	3532	2.35	ng	# 100
45) 1,1'-Biphenyl	13.27	154	10699	2.38	ng	95
46) 2-Chloronaphthalene	13.24	162	9310	2.53	ng	96
48) Acenaphthylene	14.18	152	13243	2.15	ng	# 92
49) Dimethylphthalate	14.15	163	10758	2.50	ng	# 96
51) Acenaphthene	14.60	154	8867	2.53	ng	91
54) Dibenzofuran	15.04	168	13078	2.54	ng	94
57) Fluorene	15.81	166	10734	2.47	ng	97
59) Diethylphthalate	15.81	149	10654	2.44	ng	# 86
60) 4-Chlorophenyl-phenylether	15.92	204	4040	2.27	ng	# 87
62) Azobenzene	16.21	77	11713	2.62	ng	94
65) n-Nitrosodiphenylamine	16.18	169	8491	2.34	ng	96
66) 4-Bromophenyl-phenylether	16.81	248	2336	2.26	ng	89
67) Hexachlorobenzene	16.81	284	2448	2.24	ng	# 69

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

68) Atrazine	17.20	200	2359	2.17	nq	89
70) Phenanthrene	17.47	178	14865	2.34	nq	96
71) Anthracene	17.55	178	14637	2.35	nq	98
72) Carbazole	17.86	167	14117	2.35	nq	94
73) Di-n-butylphthalate	18.45	149	16669	2.37	nq	99
74) Fluoranthene	19.14	202	15014	2.32	nq	97
76) Benzidine	19.39	184	27292	8.60	nq	99
77) Pyrene	19.41	202	16058	2.47	nq	99
79) Butylbenzylphthalate	20.36	149	6958	2.31	nq	96
80) Benzo(a)anthracene	20.95	228	14896	2.48	nq	98
81) 3,3'-Dichlorobenzidine	20.97	252	4598	2.35	nq	98
82) Chrysene	20.98	228	13016	2.39	nq	97
83) Bis(2-ethylhexyl)phthalate	21.11	149	11414	2.70	nq	# 99
84) Di-n-octyl phthalate	21.87	149	18702	2.55	nq	# 88
87) Benzo(b)fluoranthene	22.19	252	12591m	2.33	nq	
88) Benzo(k)fluoranthene	22.23	252	11457m	2.46	nq	
89) Benzo(a)pyrene	22.55	252	10730	2.26	nq	94
90) Dibenzo(a,h)anthracene	23.73	278	10005	2.32	nq	97
91) Benzo(g,h,i)perylene	23.96	276	9778	2.28	nq	98

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

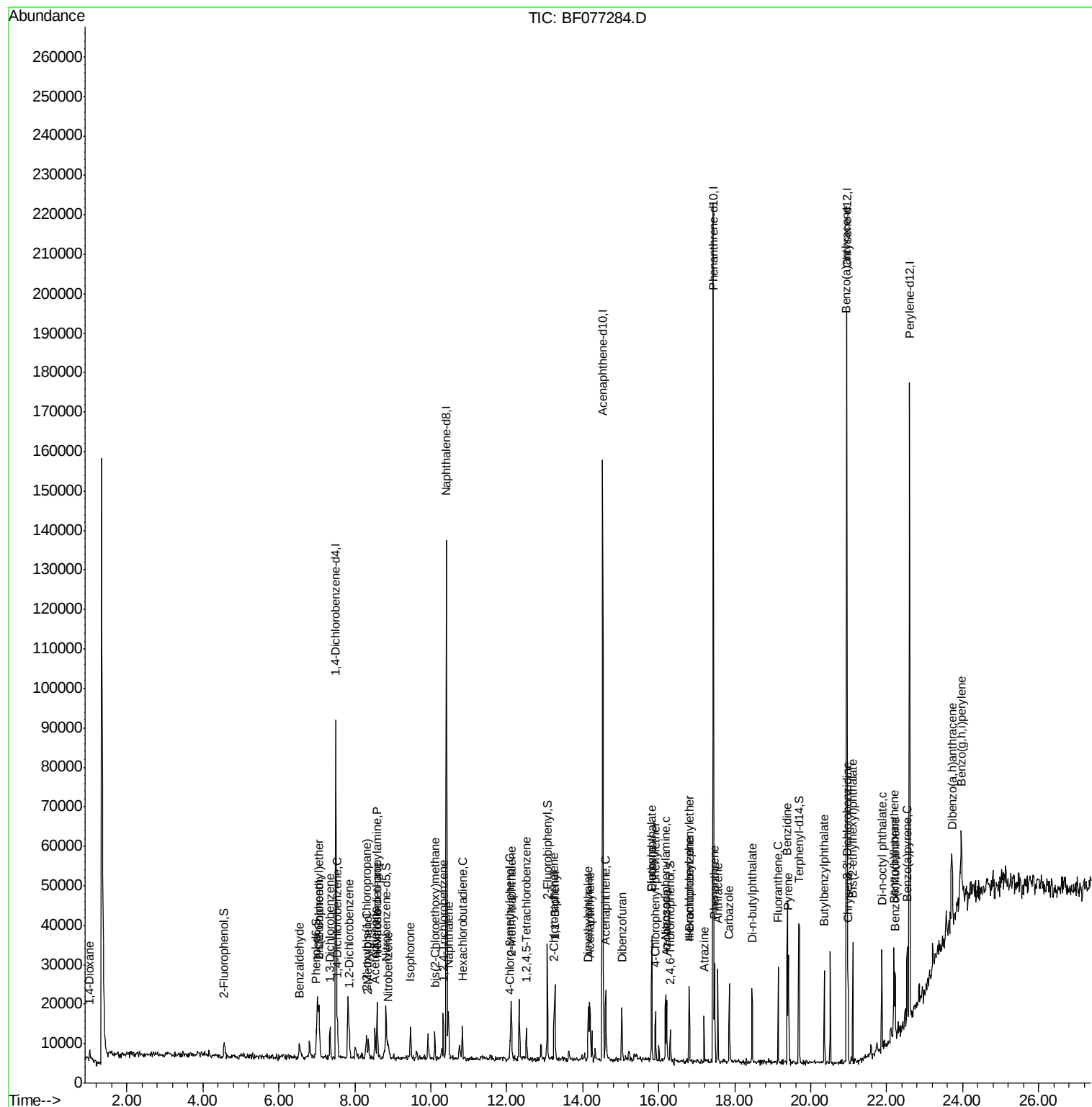
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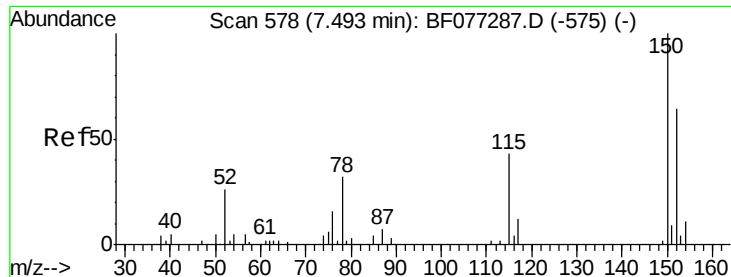
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#1

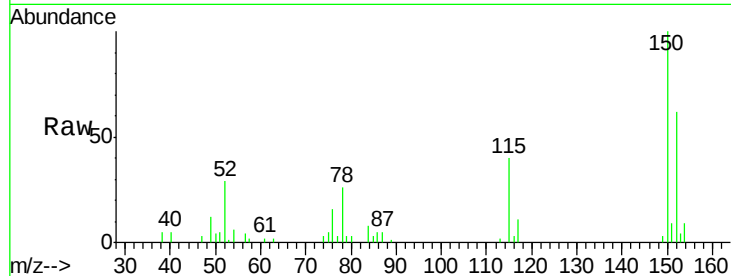
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.9	187.3
115	64.4	54.1	81.1

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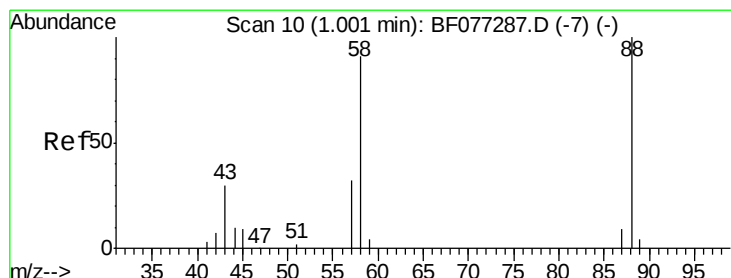
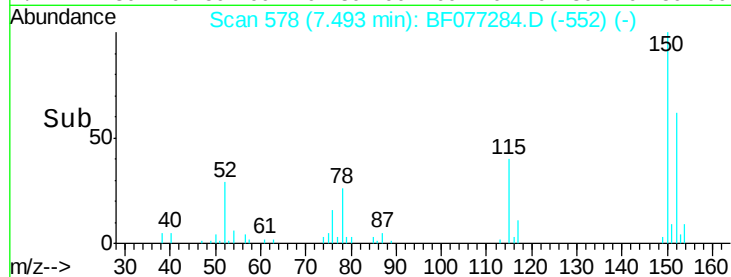
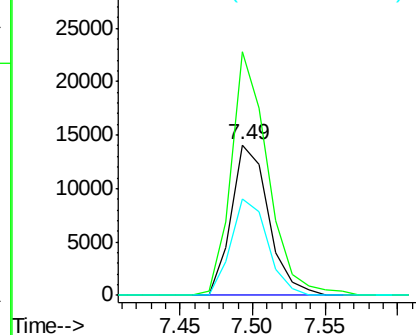


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

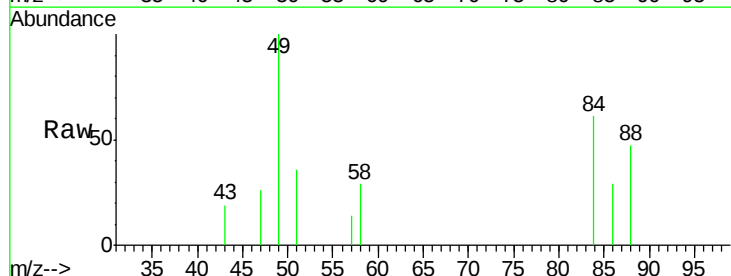
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.56 ng
RT: 1.01 min Scan# 11
Delta R.T. 0.01 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	43.0	77.0	115.6#
43	19.0	28.1	42.1#

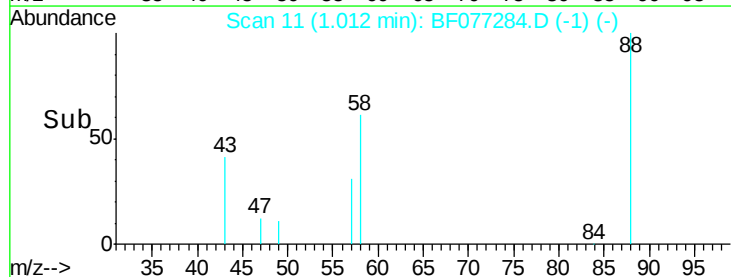
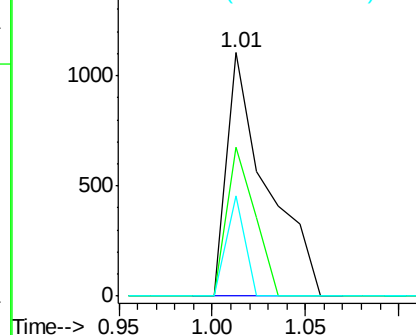


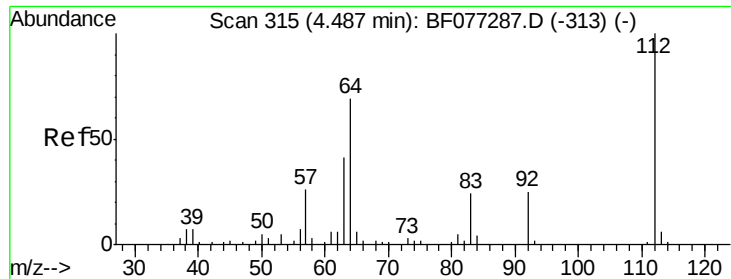
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 3.02 ng

RT: 4.56 min Scan# 321

Delta R.T. 0.07 min

Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Instrument :

BNA_F

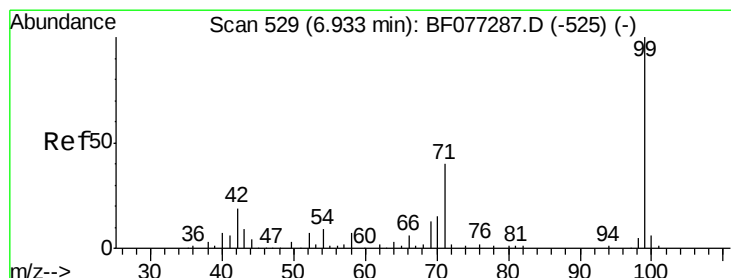
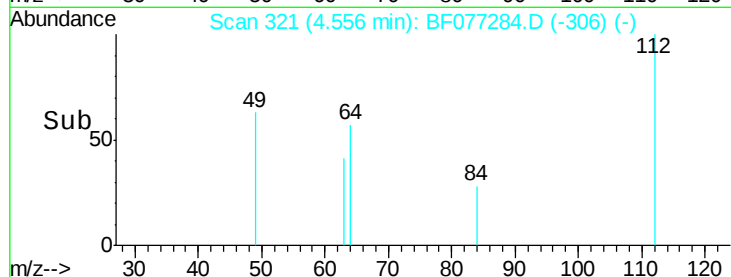
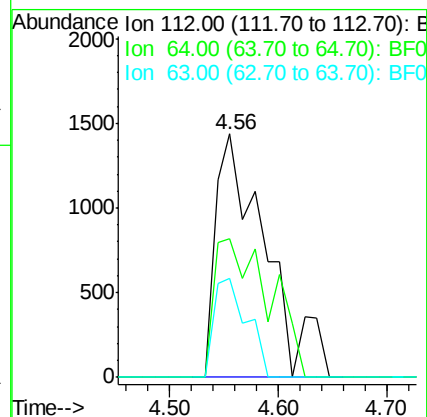
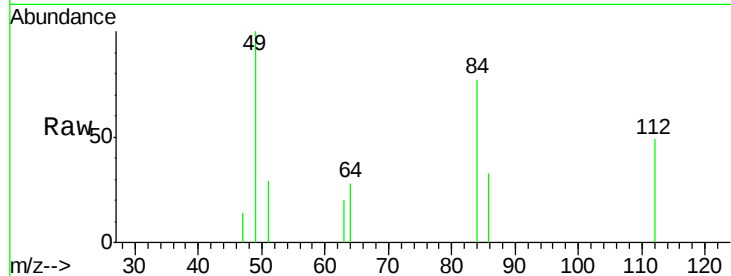
LabSampleId :

SSTDICC2.5

Tot Ion:	112	Resp:	4602
Ion Ratio	Lower	Upper	
112	100		
64	57.1	55.0	82.4
63	40.5	33.0	49.6

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#7

Phenol-d6

Concen: 4.41 ng

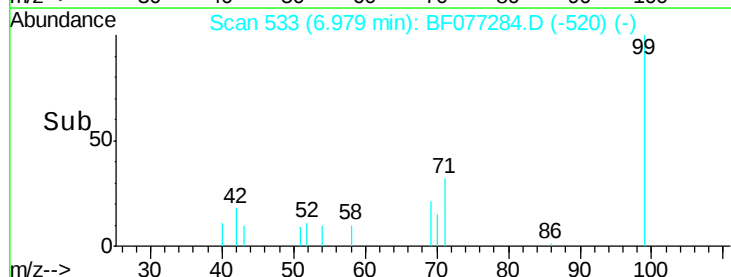
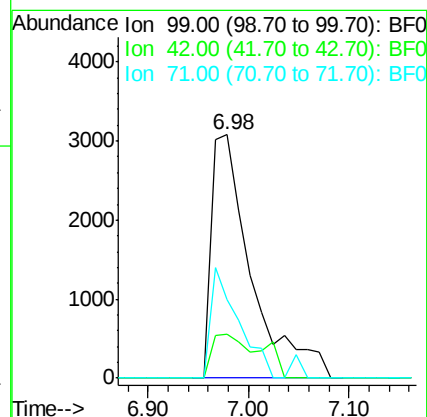
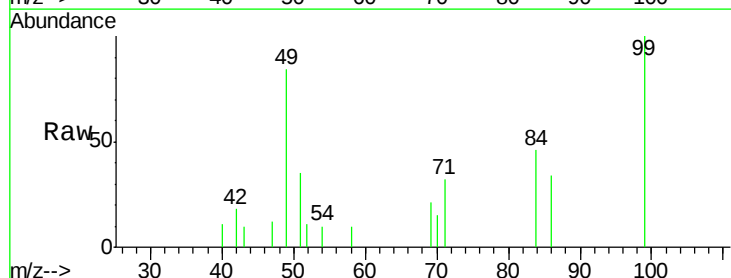
RT: 6.98 min Scan# 533

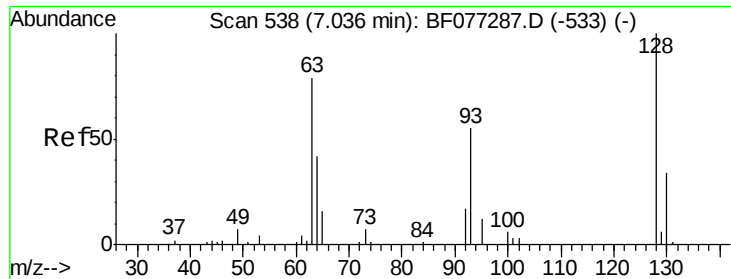
Delta R.T. 0.05 min

Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Tgt Ion:	99	Resp:	8490
Ion Ratio	Lower	Upper	
99	100		
42	18.3	15.0	22.4
71	32.5	31.8	47.6





#8

2-Chlorophenol

Concen: 2.32 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.02 min

Lab File: BF077284.D

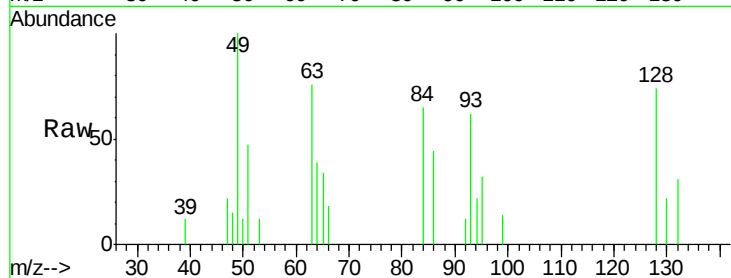
Acq: 12 Feb 2015 14:12

Instrument :

BNA_F

LabSampleId :

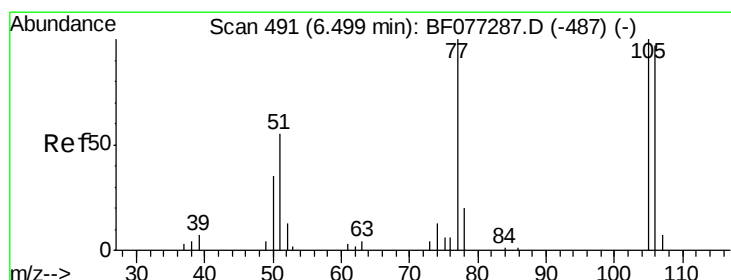
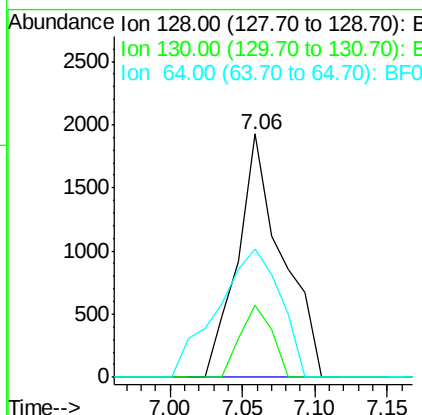
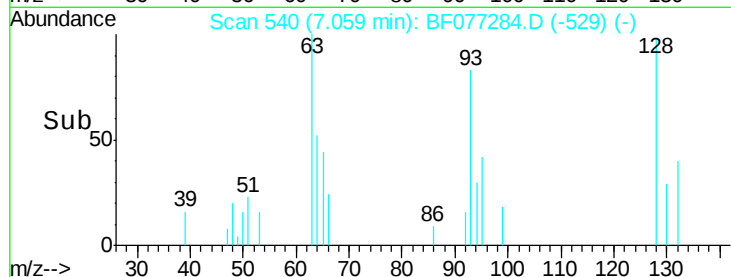
SSTDICC2.5



Tot Ion:	128	Resp:	4093
Ion	Ratio	Lower	Upper
128	100		
130	29.6	14.4	54.4
64	52.7	30.4	70.4

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#9

Benzaldehyde

Concen: 2.35 ng

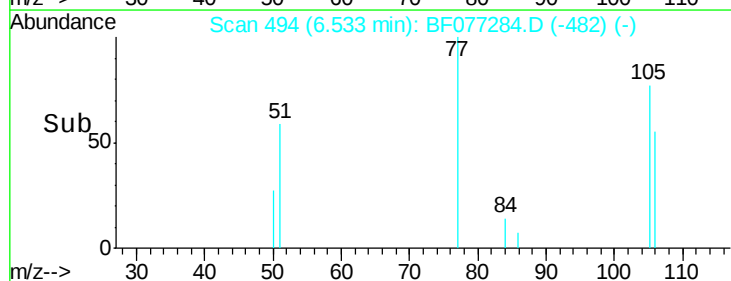
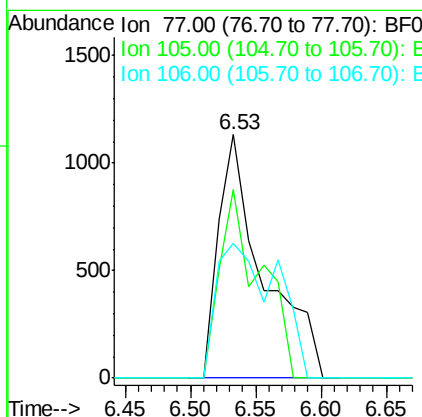
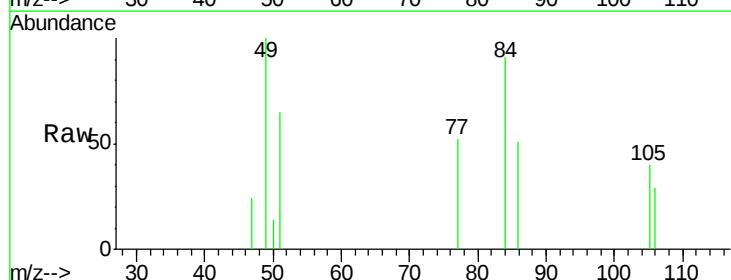
RT: 6.53 min Scan# 494

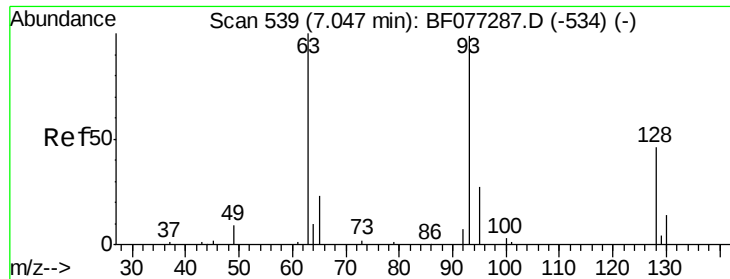
Delta R.T. 0.03 min

Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Tgt Ion:	77	Resp:	2713
Ion	Ratio	Lower	Upper
77	100		
105	77.2	80.4	120.4#
106	55.5	77.5	117.5#





#11

bis(2-Chloroethyl)ether

Concen: 2.14 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Instrument :

BNA_F

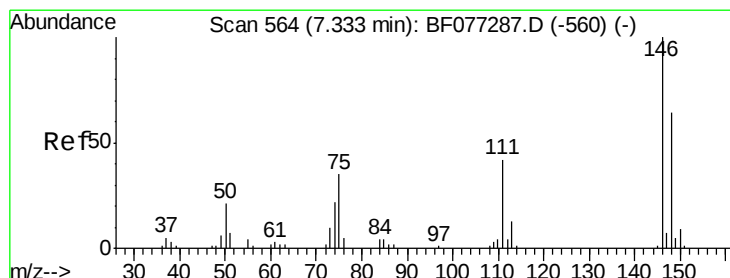
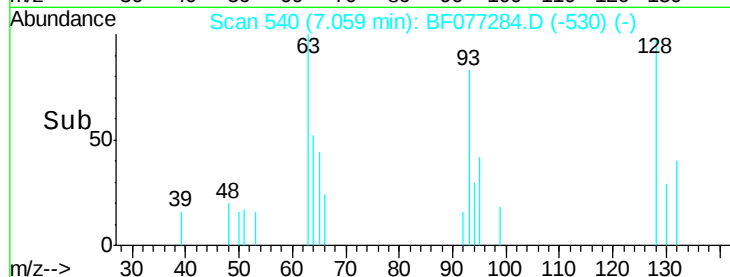
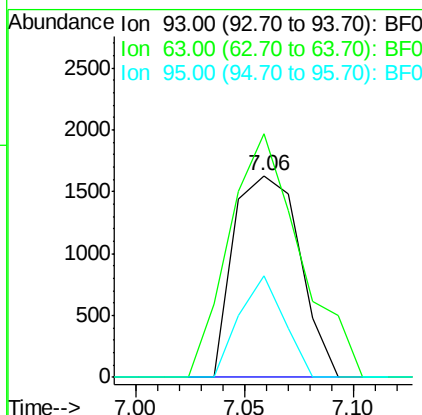
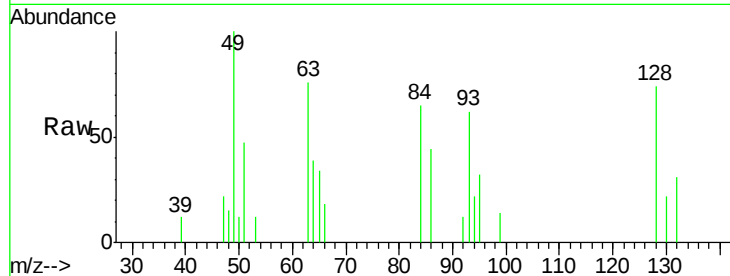
LabSampleId :

SSTDICC2.5

Tot Ion:	93	Resp:	3452
Ion	Ratio	Lower	Upper
93	100		
63	120.9	86.6	126.6
95	50.5	12.0	52.0

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#12

1,3-Dichlorobenzene

Concen: 2.32 ng

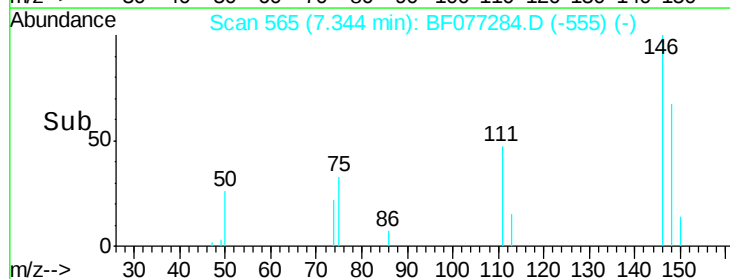
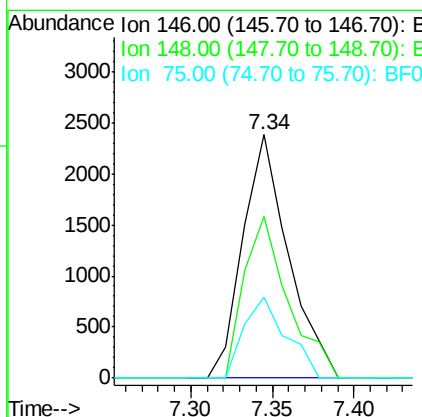
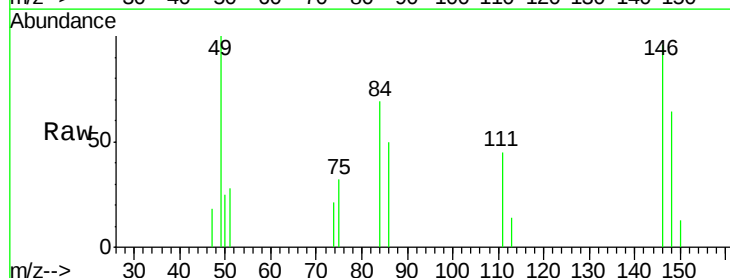
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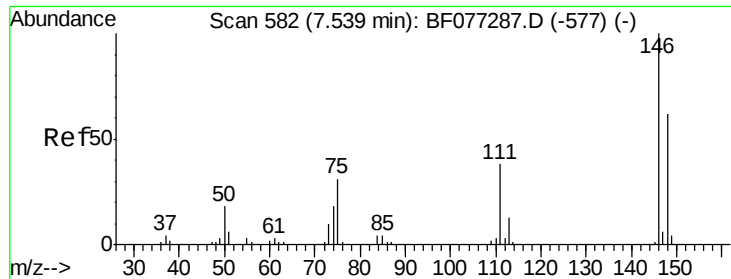
Delta R.T. 0.01 min

Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Tgt Ion:	146	Resp:	4628
Ion	Ratio	Lower	Upper
146	100		
148	66.7	50.9	76.3
75	33.2	28.1	42.1





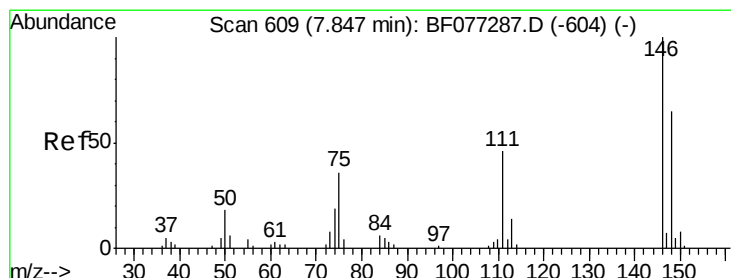
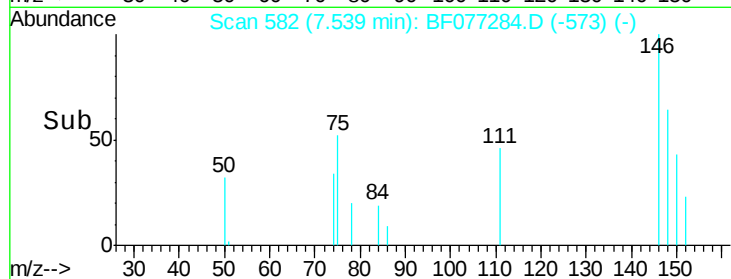
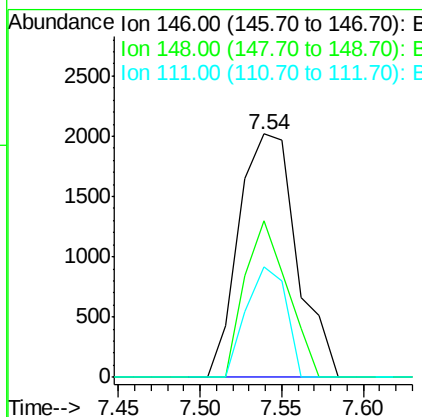
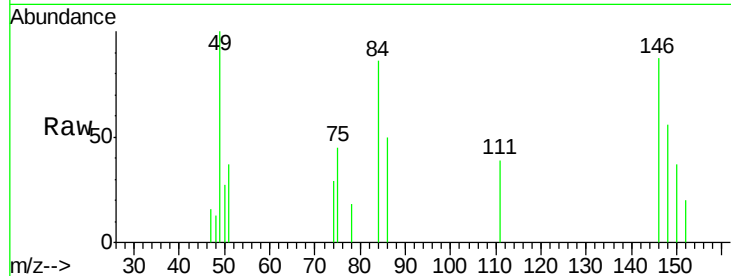
#13
 1,4-Dichlorobenzene
 Concen: 2.36 ng
 RT: 7.54 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Instrument :
 BNA_F
 LabSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.8	74.6
111	45.5	30.2	45.2

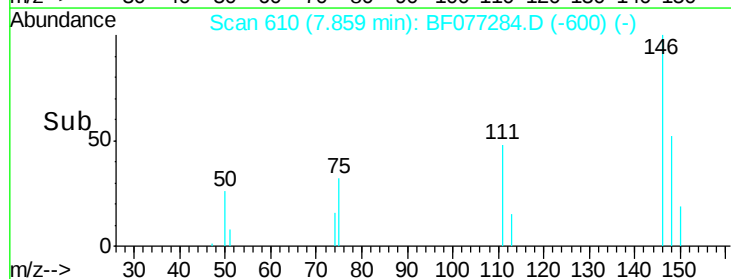
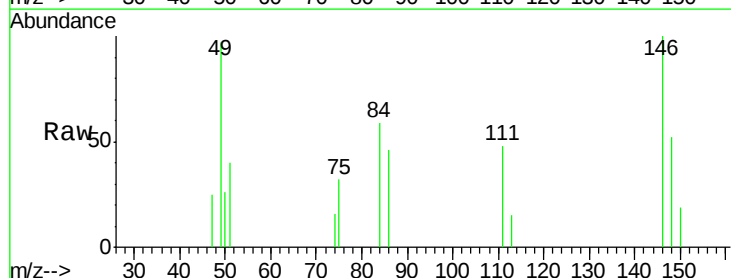
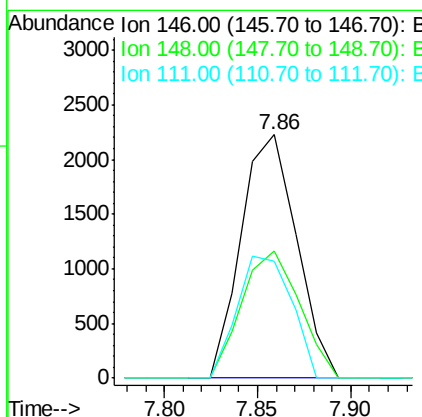
Manual Integrations
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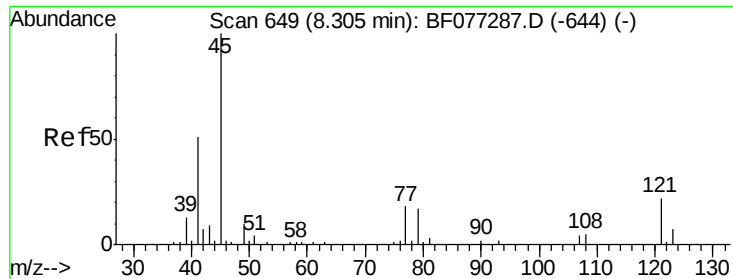
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#14
 1,2-Dichlorobenzene
 Concen: 2.37 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	52.2	52.0	78.0
111	48.0	37.0	55.4





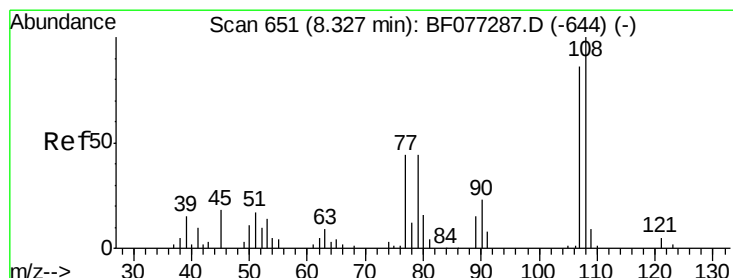
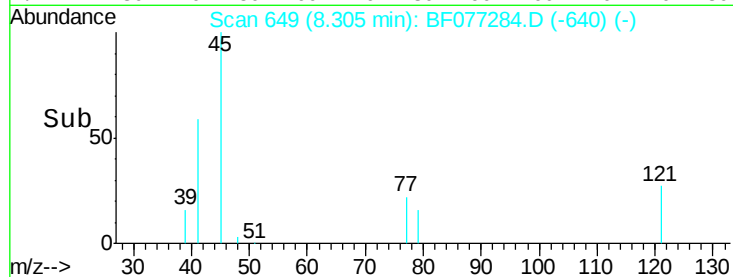
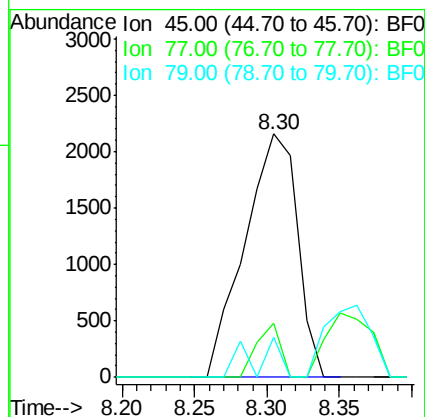
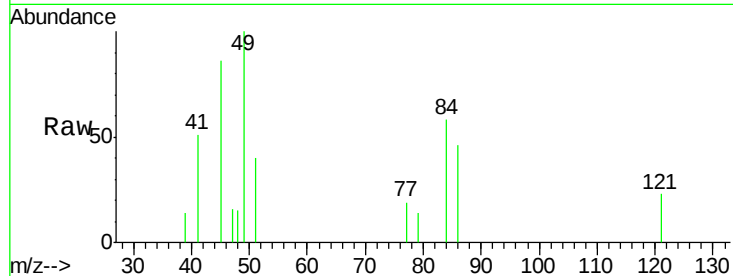
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 2.52 ng
RT: 8.30 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
45	100		
77	22.3	0.0	38.2
79	16.4	0.0	37.0

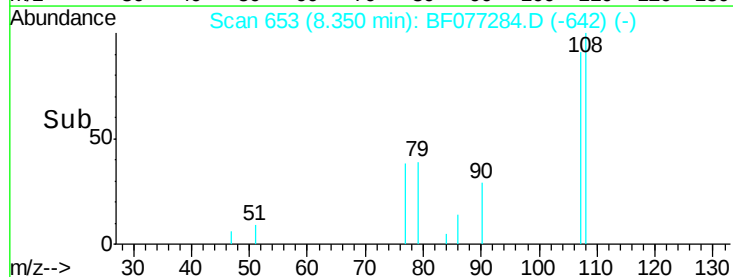
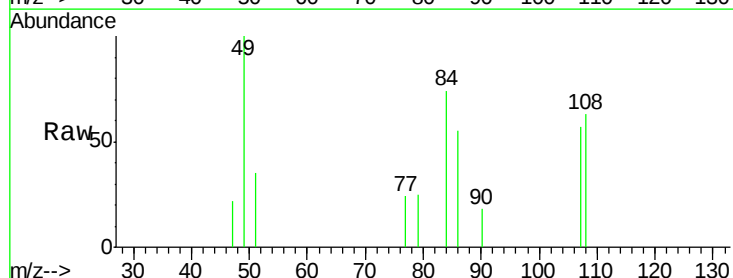
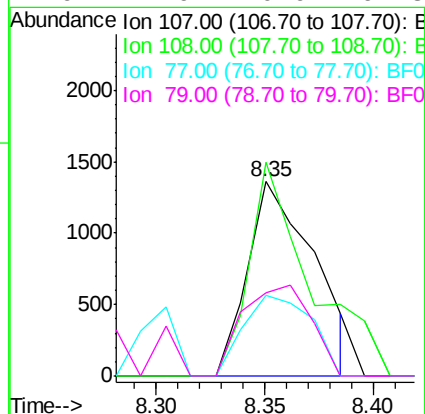
Manual Integrations
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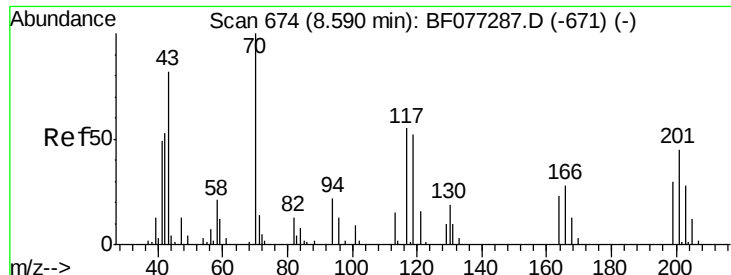
mohammad
2/13/2015 5:39:52 PM



#17
2-Methylphenol
Concen: 2.04 ng
RT: 8.35 min Scan# 653
Delta R.T. 0.02 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.8	93.2	139.8
77	41.6	41.3	61.9
79	42.9	40.9	61.3





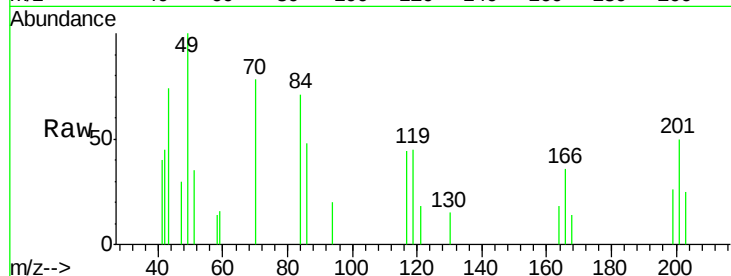
#18
Hexachloroethane
Concen: 2.01 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
117	100		
119	101.2	75.5	113.3
201	111.9	64.3	96.5#

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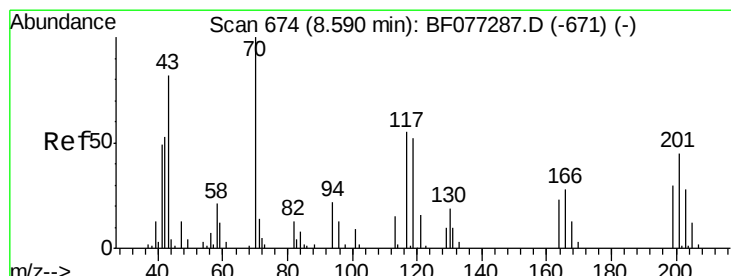
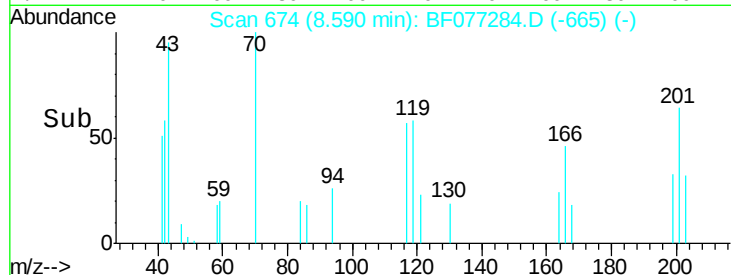
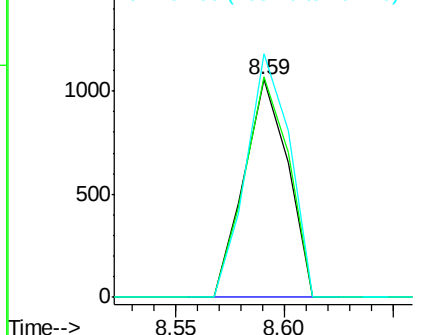


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 2.56 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.9	42.8	64.2
101	0.0	7.4	11.2#
130	19.5	15.4	23.0

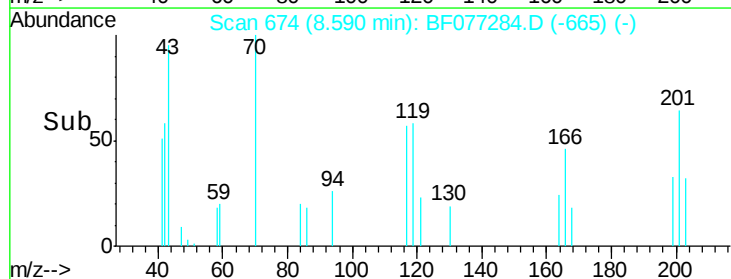
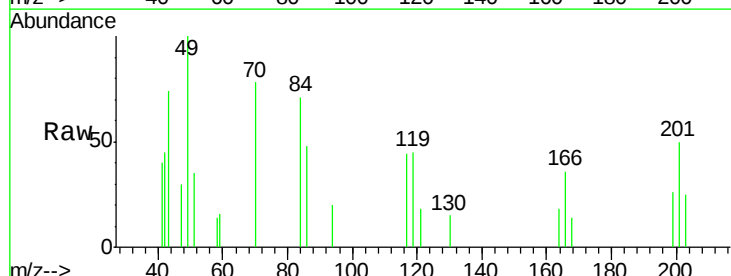
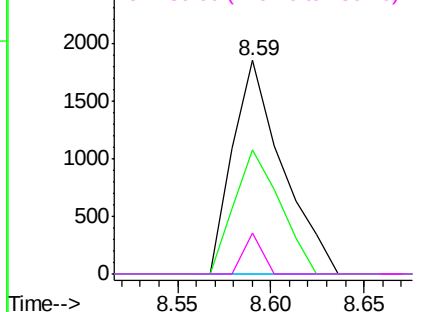
Abundance

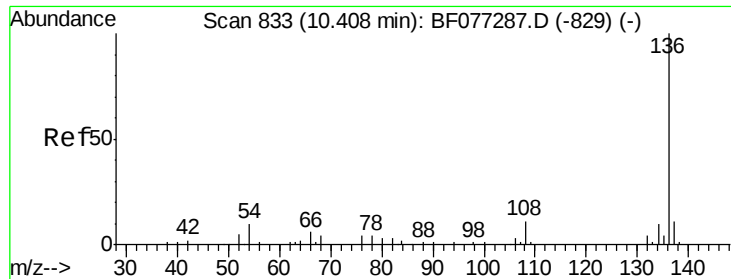
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





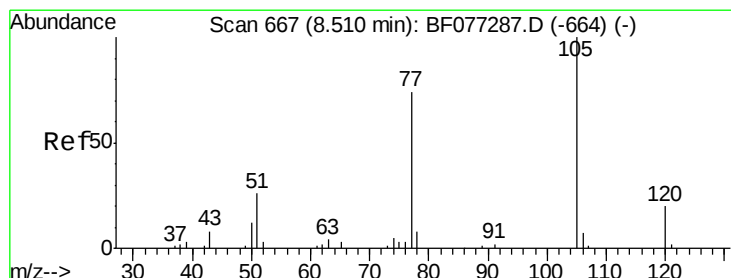
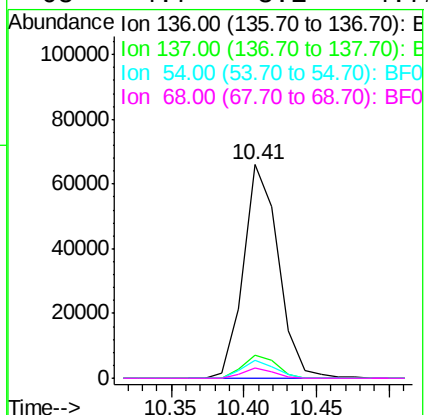
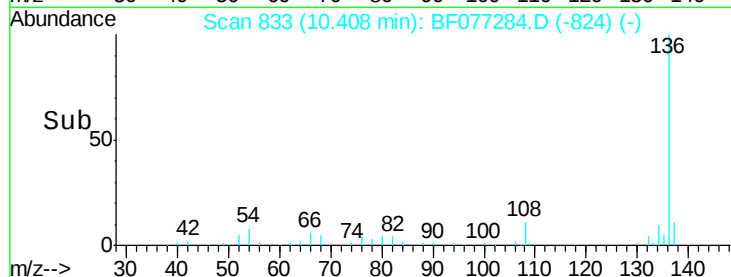
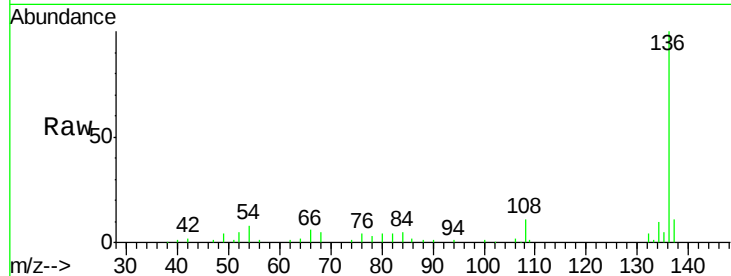
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		109908		
137	10.6	8.7	13.1		
54	8.1	8.2	12.2#		
68	4.7	3.1	4.7#		

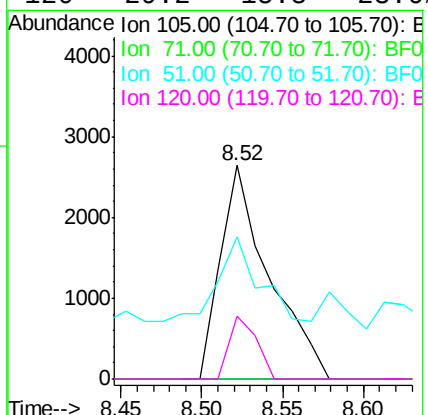
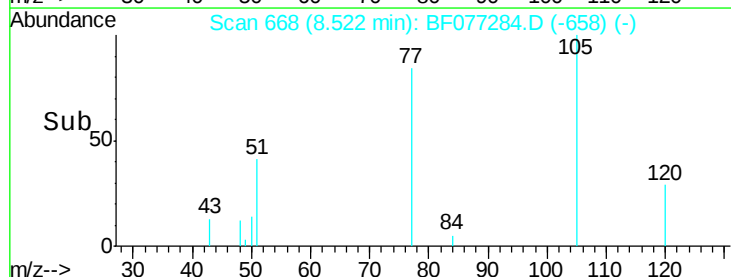
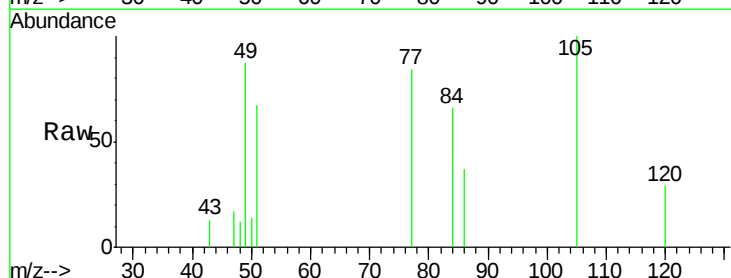
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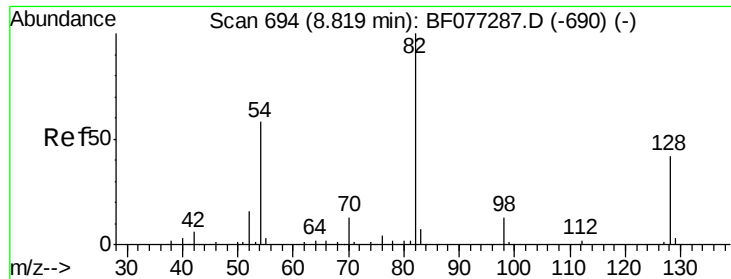
mohammad
2/13/2015 5:39:52 PM



#22
Acetophenone
Concen: 2.05 ng m
RT: 8.52 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		5498		
71	0.0	0.0	0.0		
51	66.8	21.0	31.6#		
120	29.2	15.8	23.6#		





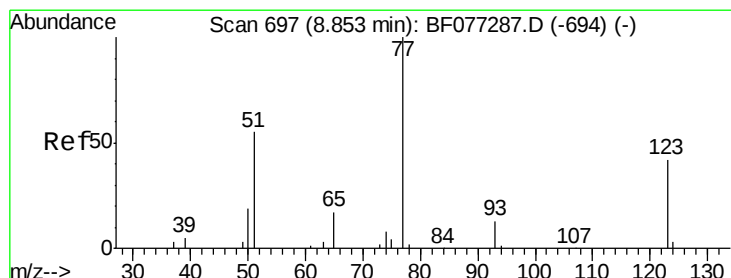
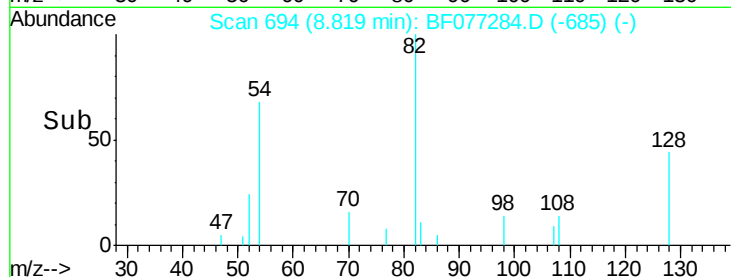
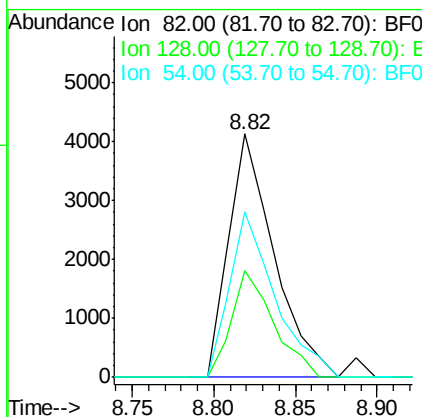
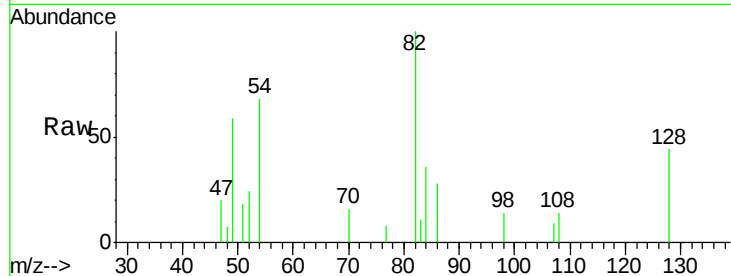
#23
 Nitrobenzene-d5
 Concen: 4.01 ng
 RT: 8.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Instrument :
 BNA_F
 LabSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.6	50.4
54	67.7	46.2	69.2

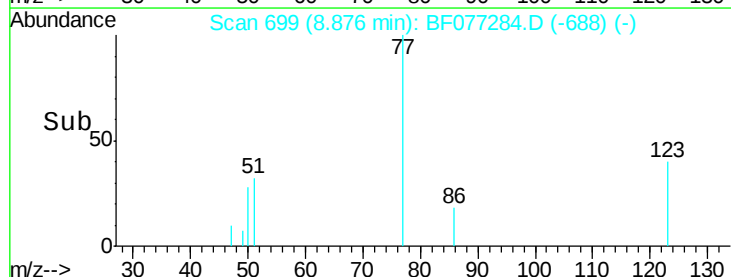
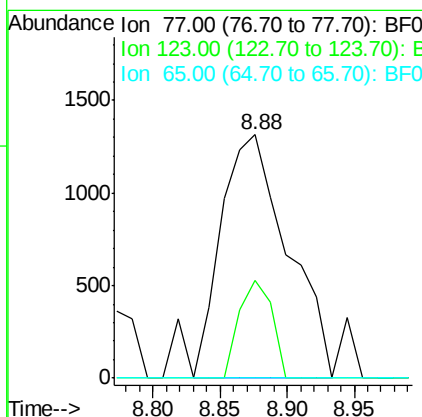
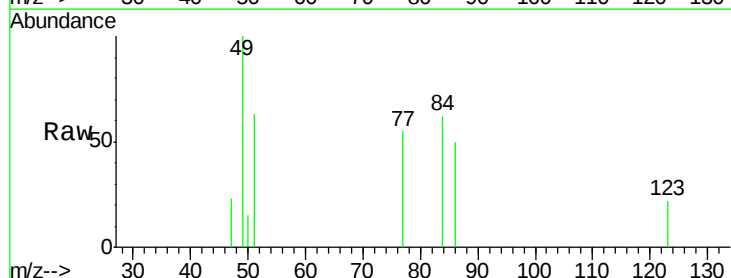
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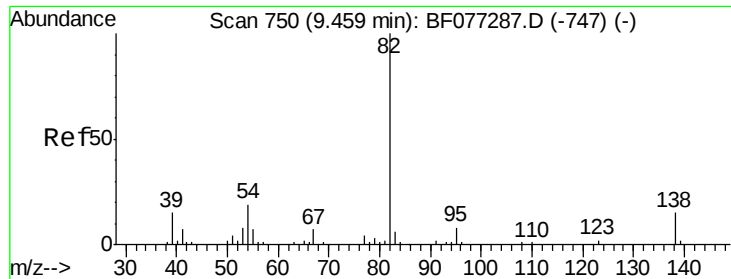
mohammad
 2/13/2015 5:39:52 PM



#24
 Nitrobenzene
 Concen: 2.25 ng m
 RT: 8.88 min Scan# 699
 Delta R.T. 0.02 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.9	33.1	49.7
65	0.0	13.0	19.6#





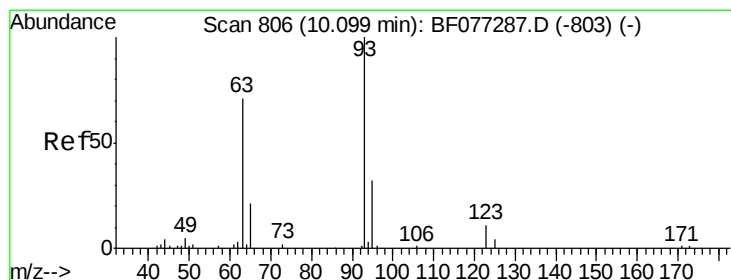
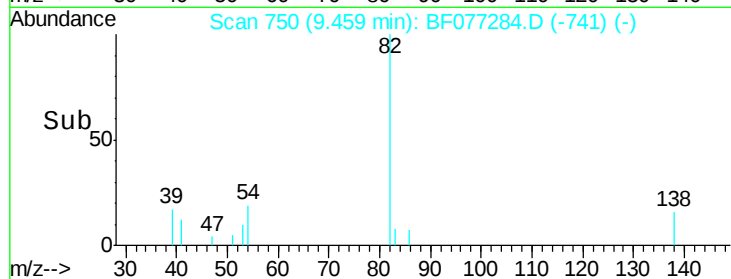
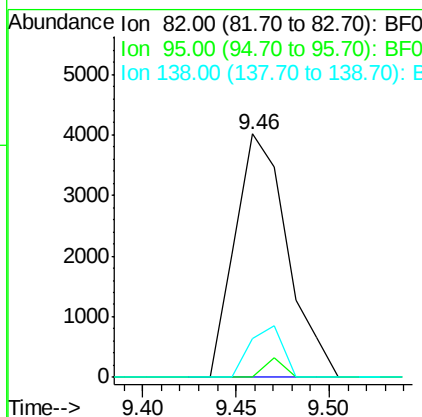
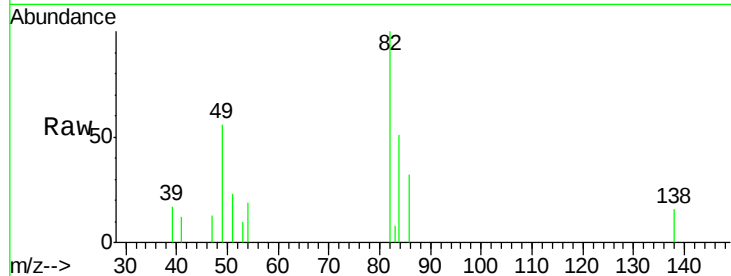
#25
Isophorone
Concen: 2.19 ng
RT: 9.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	16.2	12.1	18.1

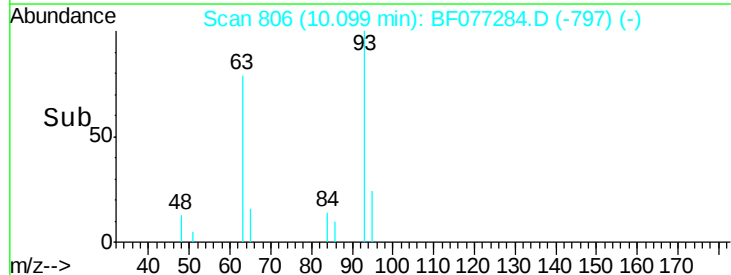
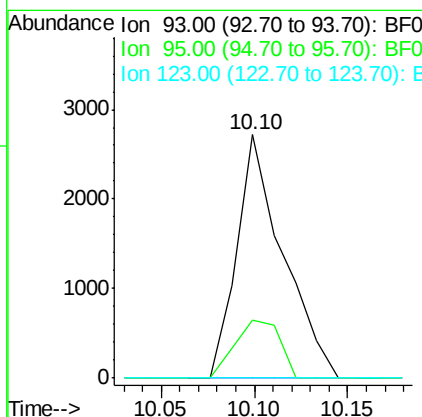
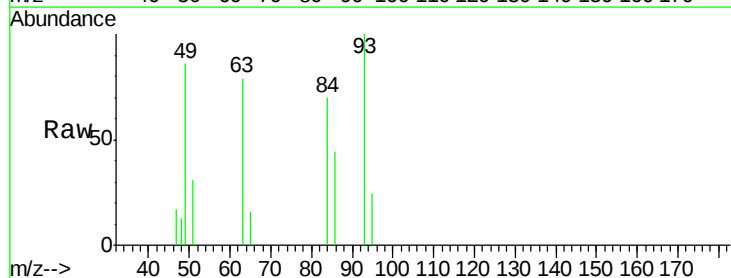
Manual Integrations
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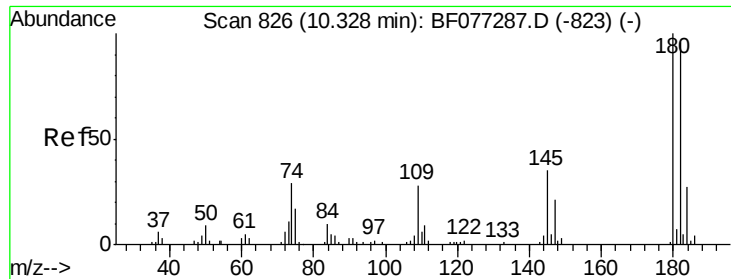
mohammad
2/13/2015 5:39:52 PM



#28
bis(2-Chloroethoxy)methane
Concen: 2.27 ng
RT: 10.10 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	23.6	25.4	38.2#
123	0.0	8.5	12.7#





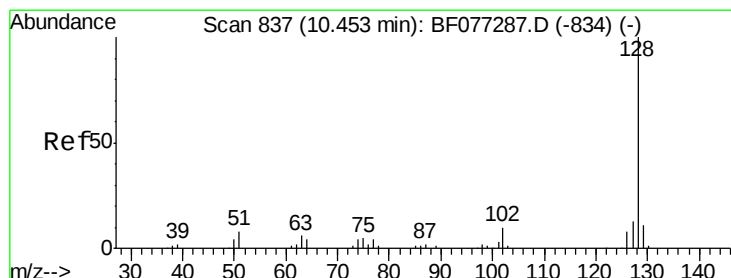
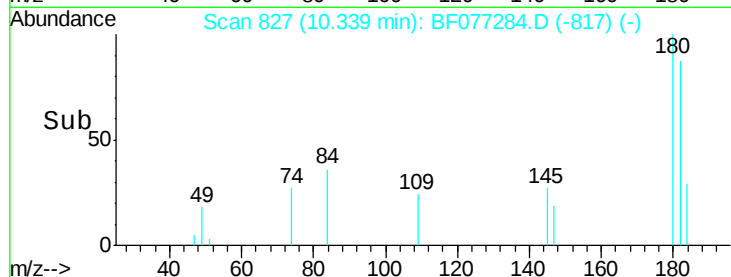
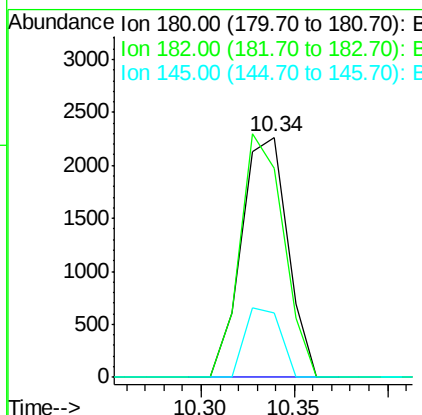
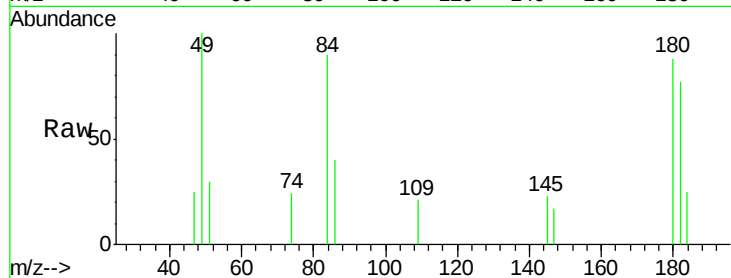
#30
 1,2,4-Trichlorobenzene
 Concen: 2.44 ng
 RT: 10.34 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Instrument :
 BNA_F
 LabSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.2	77.0	115.6
145	26.6	27.9	41.9#

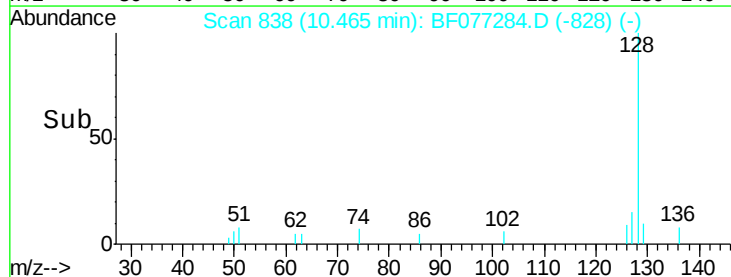
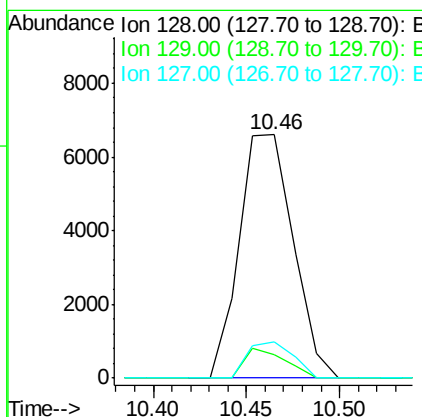
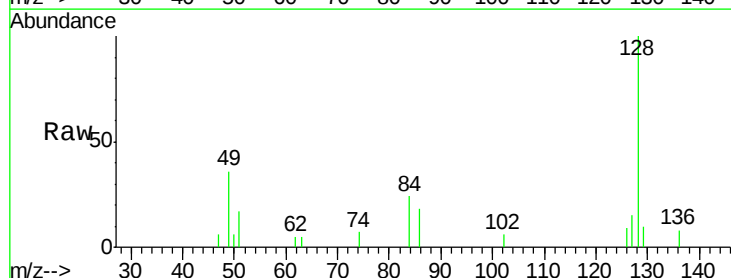
Manual Integrations
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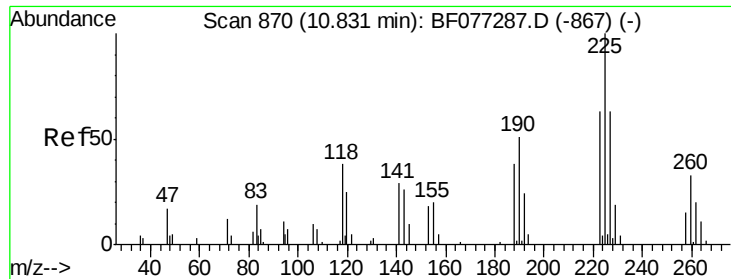
mohammad
 2/13/2015 5:39:52 PM



#31
 Naphthalene
 Concen: 2.38 ng
 RT: 10.46 min Scan# 838
 Delta R.T. 0.01 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.7	9.0	13.6
127	15.0	10.4	15.6





#34

Hexachlorobutadiene

Concen: 2.38 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Instrument :

BNA_F

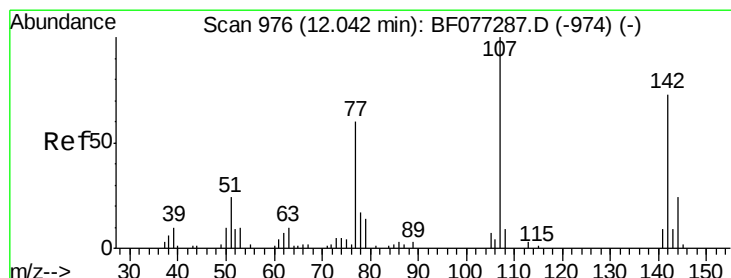
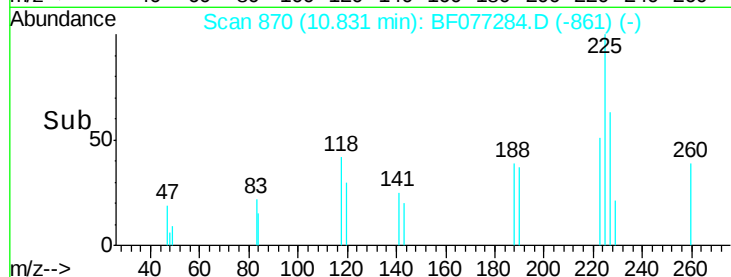
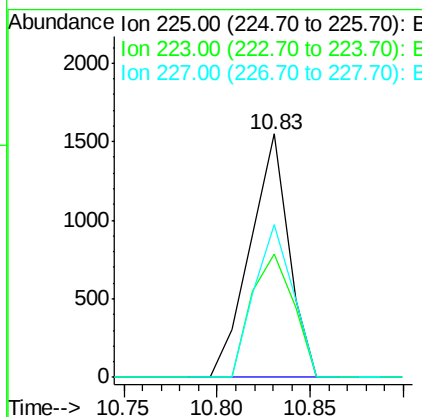
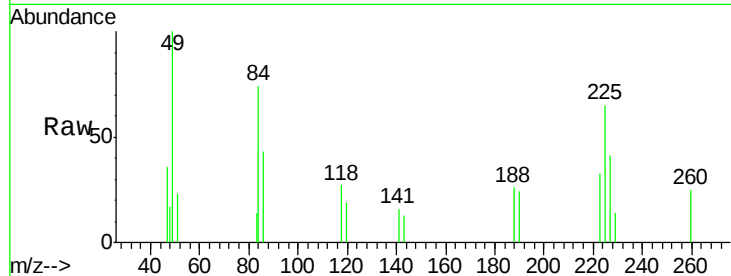
LabSampleId :

SSTDICC2.5

Tot Ion:	225	Resp:	2233
Ion Ratio	Lower	Upper	
225	100		
223	50.9	50.2	75.4
227	63.0	50.2	75.2

Manual Integrations
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2/13/2015 5:39:52 PM



#36

4-Chloro-3-methylphenol

Concen: 2.14 ng m

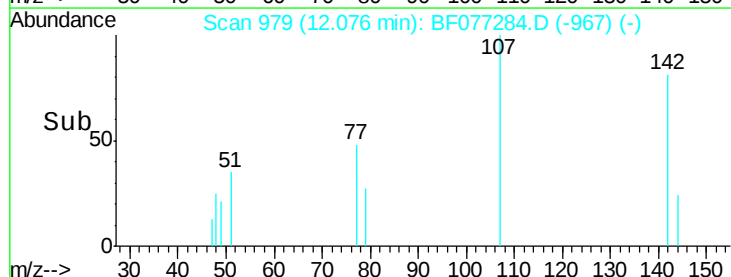
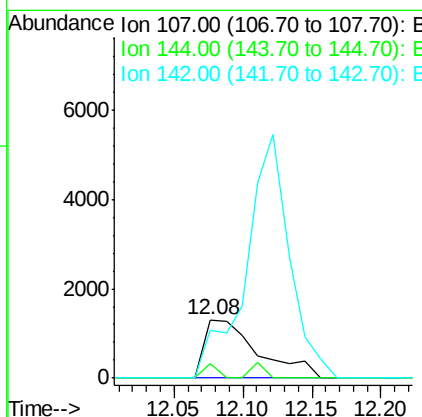
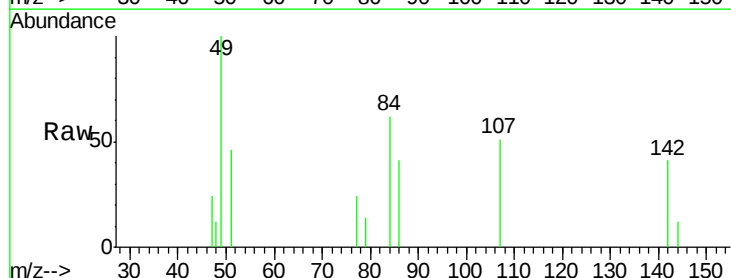
RT: 12.08 min Scan# 979

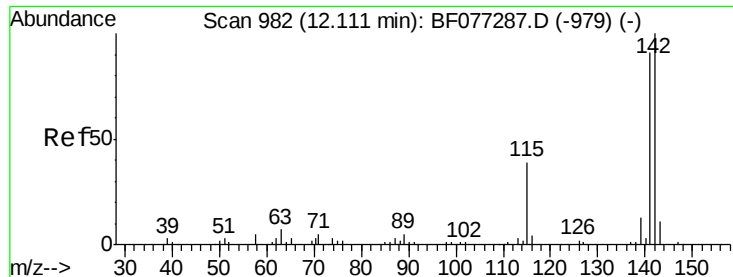
Delta R.T. 0.03 min

Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Tgt Ion:	107	Resp:	3557
Ion Ratio	Lower	Upper	
107	100		
144	24.3	19.2	28.8
142	80.7	58.6	88.0





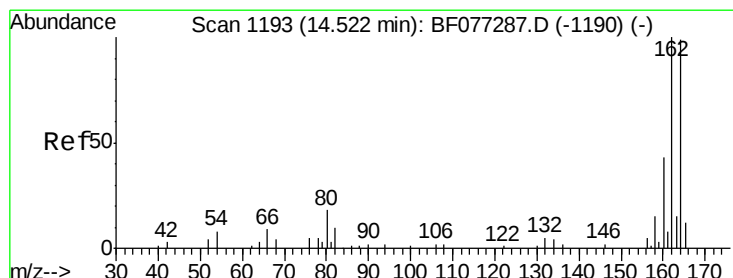
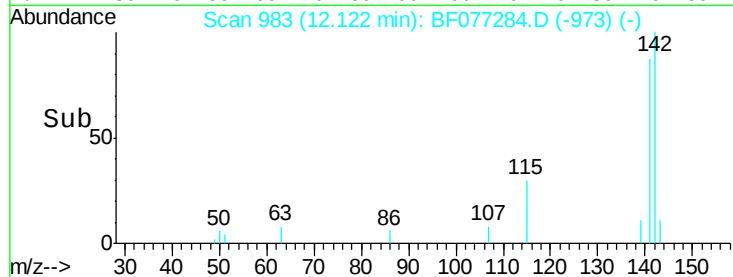
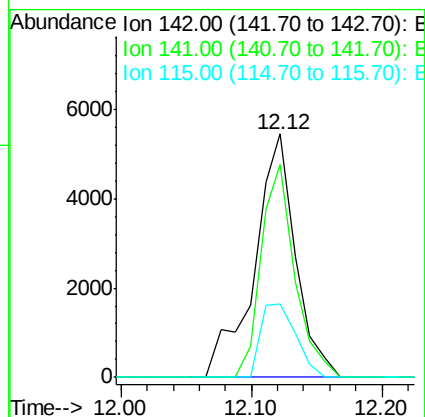
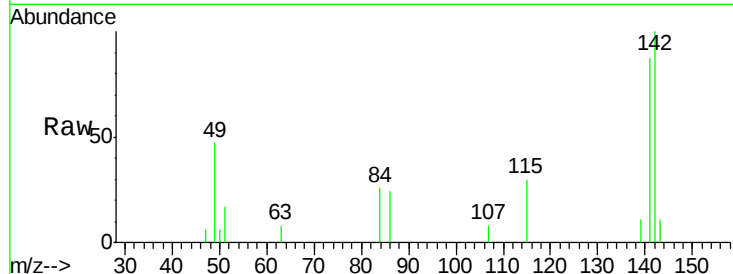
#37
2-Methylnaphthalene
Concen: 3.12 ng
RT: 12.12 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.8	104.6
115	30.3	29.5	44.3

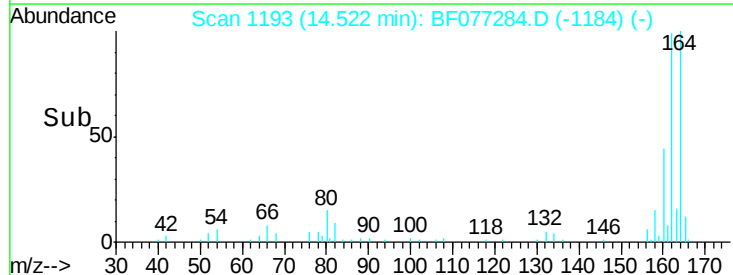
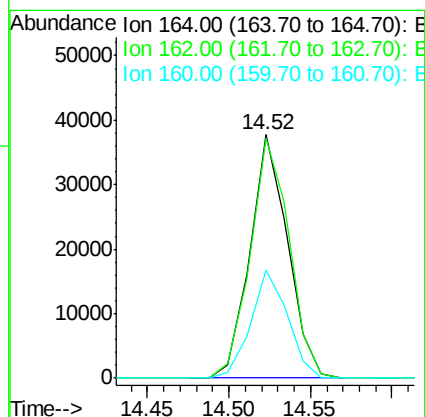
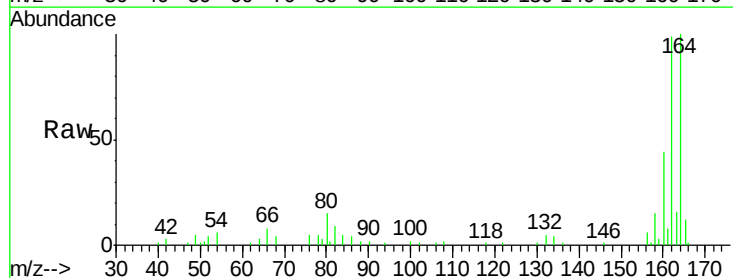
Manual Integrations
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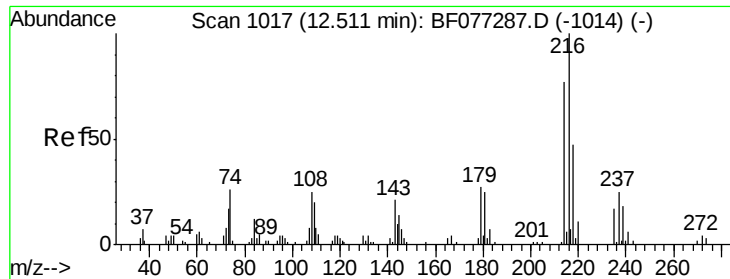
mohammad
2/13/2015 5:39:52 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.0	121.4
160	44.2	35.2	52.8





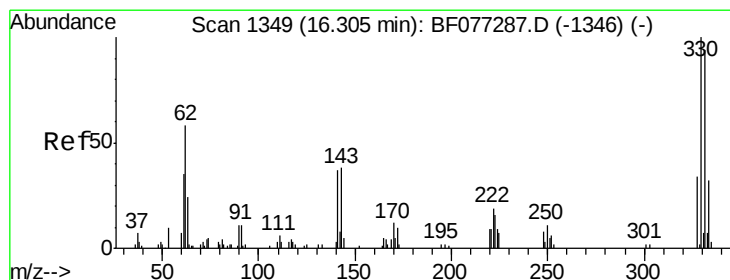
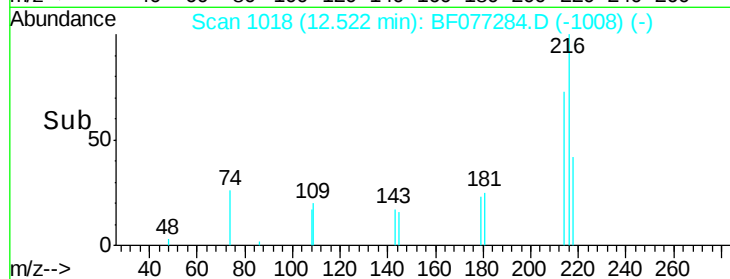
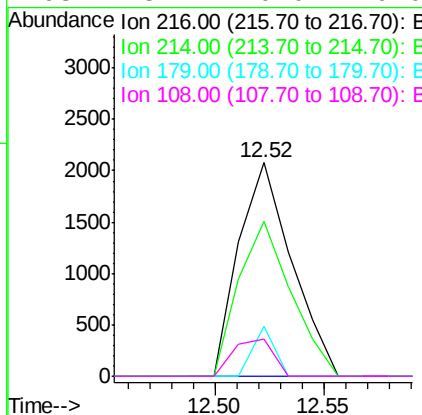
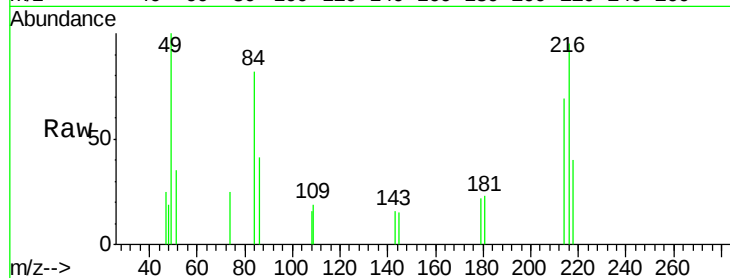
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.35 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Instrument :
 BNA_F
 LabSampleId :
 SSTDICC2.5

Tot Ion:	216	Resp:	3532
Ion Ratio	Lower	Upper	
216	100		
214	71.7	0.0	0.0#
179	9.5	0.0	0.0#
108	13.1	0.0	0.0#

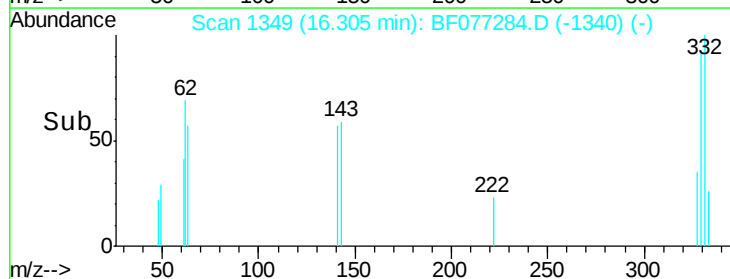
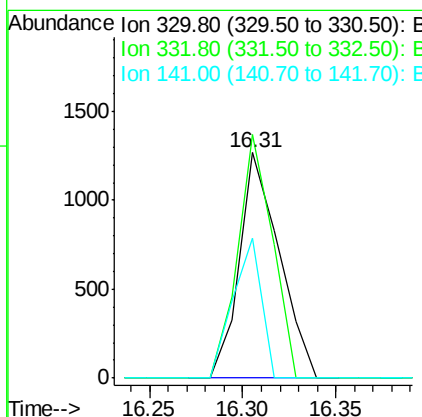
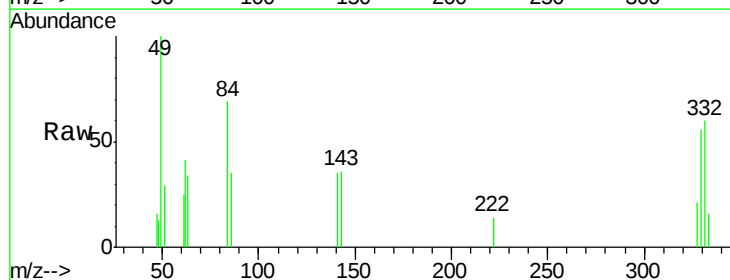
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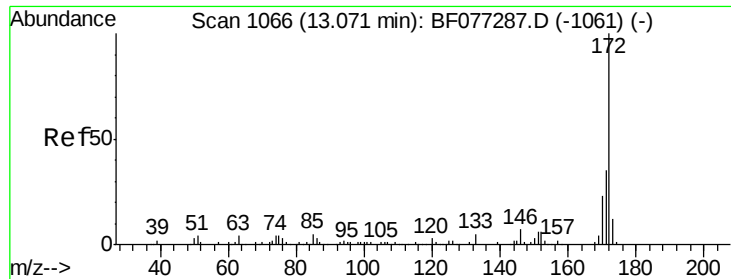
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#41
 2,4,6-Tribromophenol
 Concen: 3.84 ng
 RT: 16.31 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Tgt Ion:	330	Resp:	1881
Ion Ratio	Lower	Upper	
330	100		
332	93.9	0.0	0.0#
141	44.6	0.0	0.0#





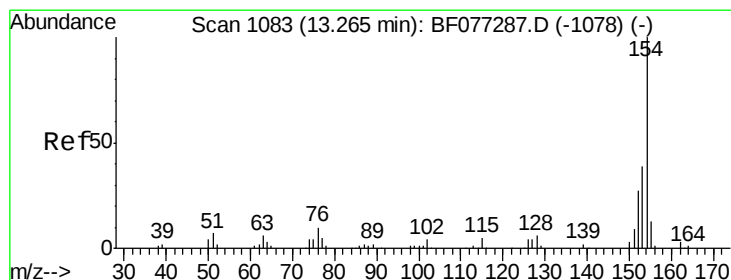
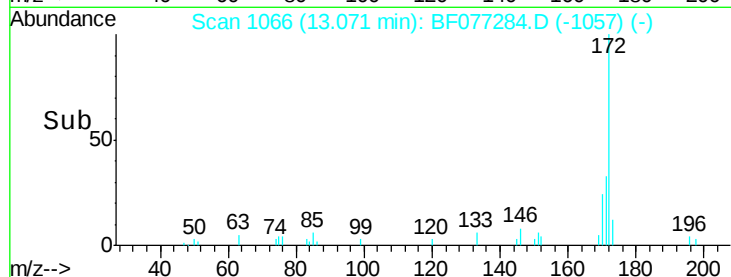
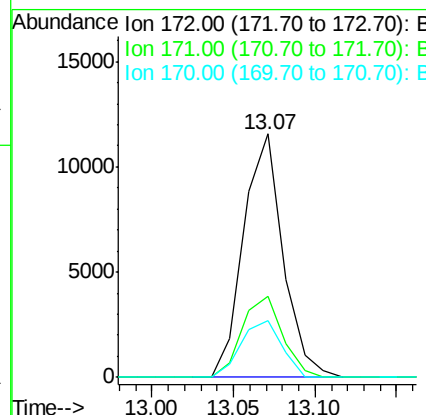
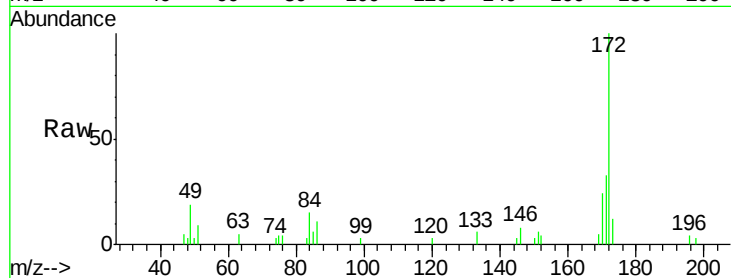
#44
2-Fluorobiphenyl
Concen: 4.88 ng
RT: 13.07 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.2	27.8	41.8
170	23.6	18.3	27.5

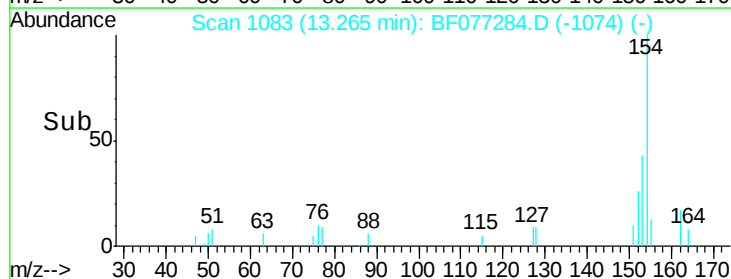
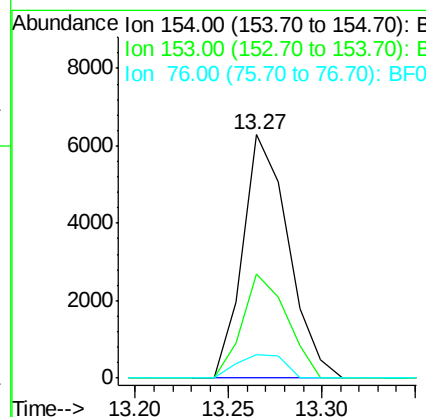
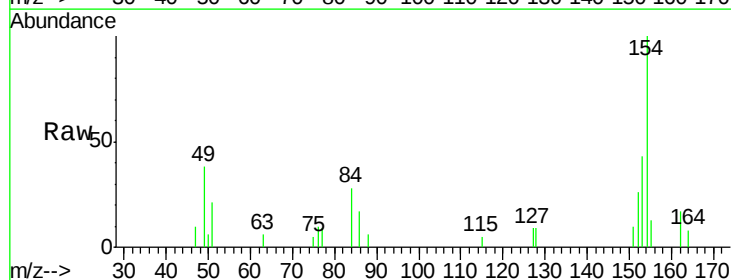
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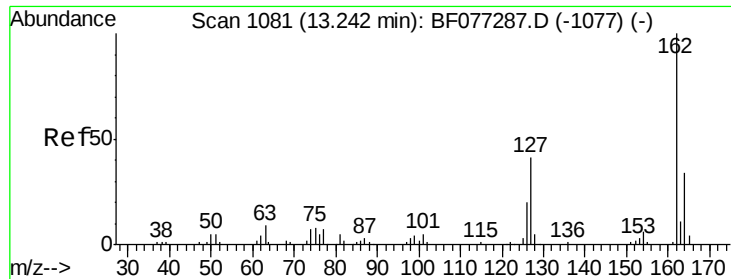
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#45
1,1'-Biphenyl
Concen: 2.38 ng
RT: 13.27 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	18.9	58.9
76	9.9	0.0	30.4





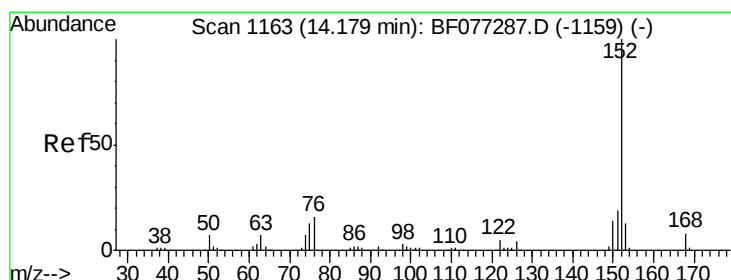
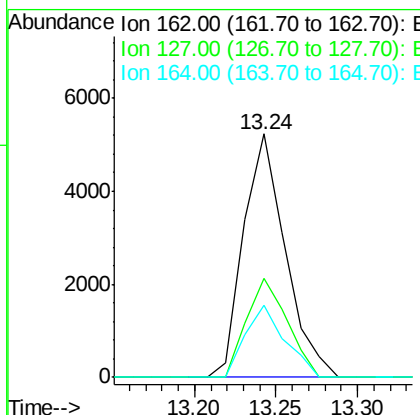
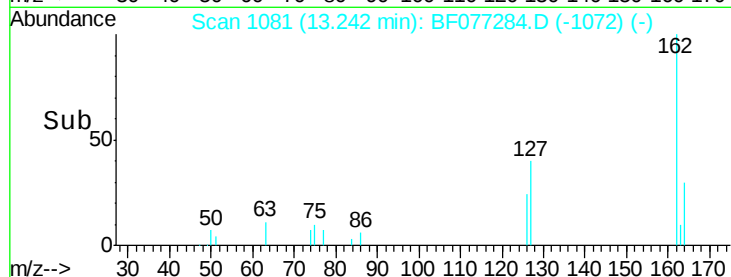
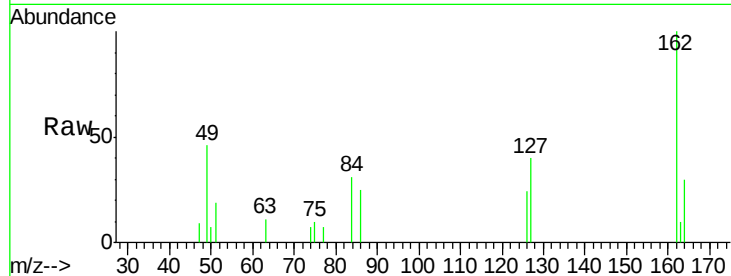
#46
2-Chloronaphthalene
Concen: 2.53 ng
RT: 13.24 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.6	48.8
164	29.5	27.0	40.6

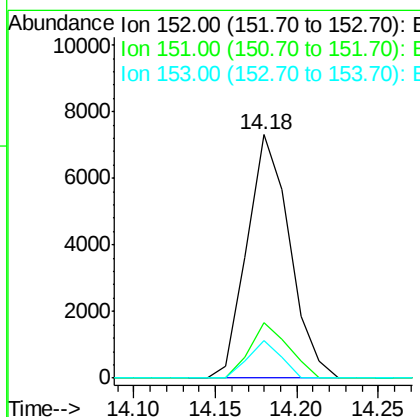
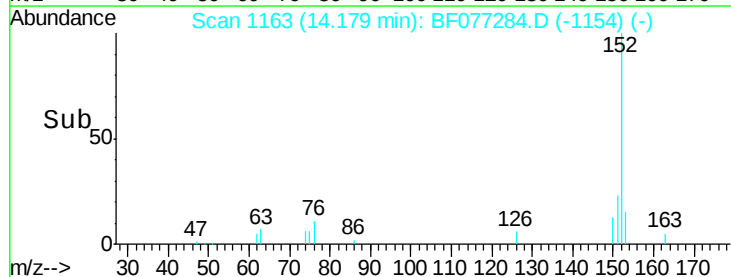
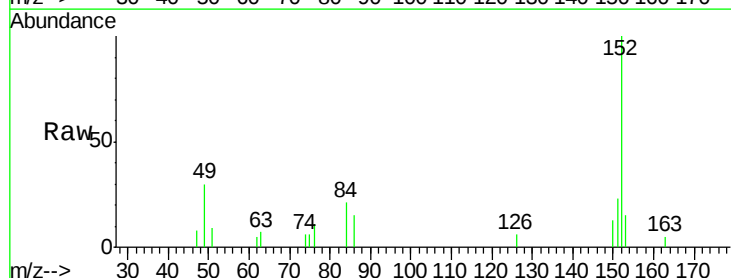
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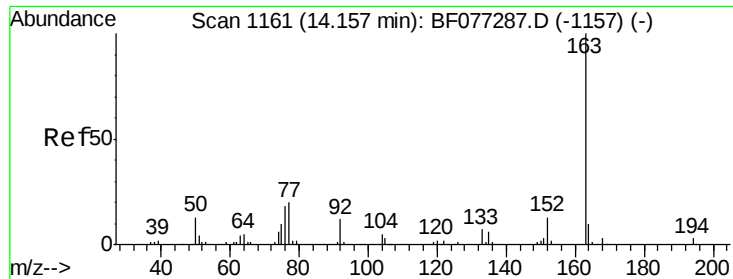
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#48
Acenaphthylene
Concen: 2.15 ng
RT: 14.18 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.0	15.3	22.9#
153	15.3	10.2	15.2#





#49

Dimethylphthalate

Concen: 2.50 ng

RT: 14.15 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Instrument :

BNA_F

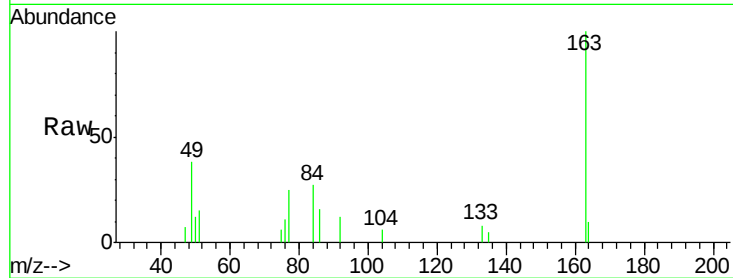
LabSampleId :

SSTDICC2.5

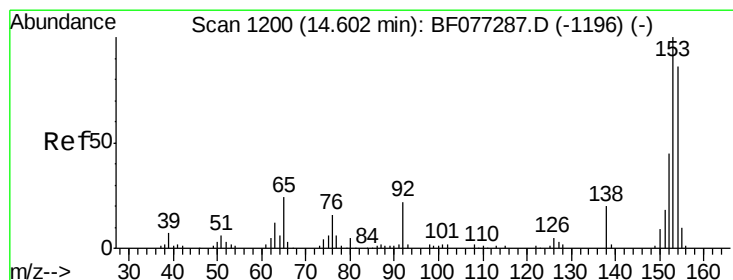
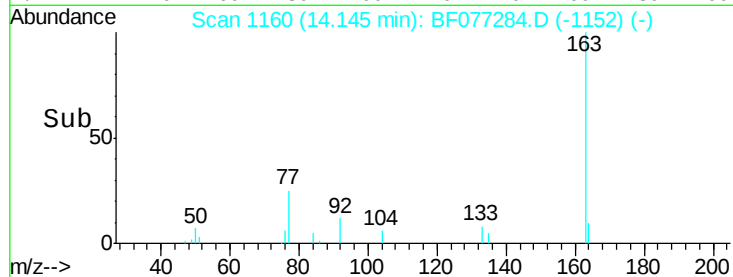
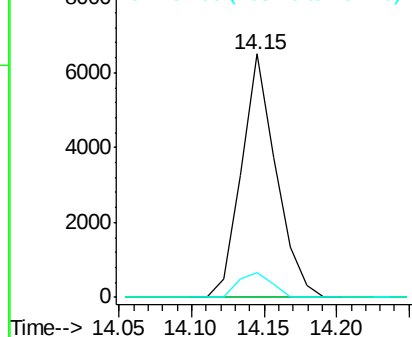
Tot Ion:	163	Resp:	10758
Ion Ratio	Lower	Upper	
163	100		
194	0.0	2.3	3.5#
164	10.4	7.6	11.4

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



#51

Acenaphthene

Concen: 2.53 ng

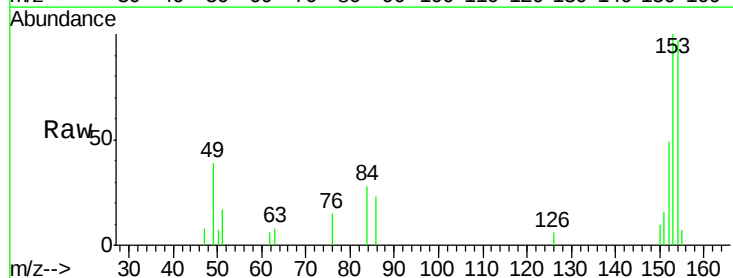
RT: 14.60 min Scan# 1200

Delta R.T. -0.00 min

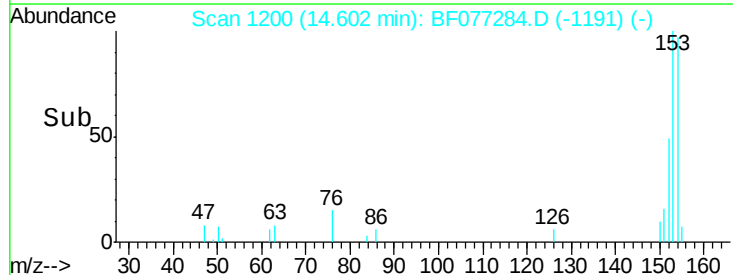
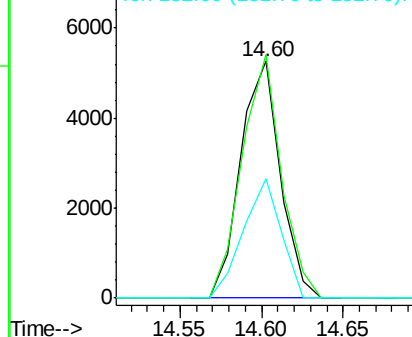
Lab File: BF077284.D

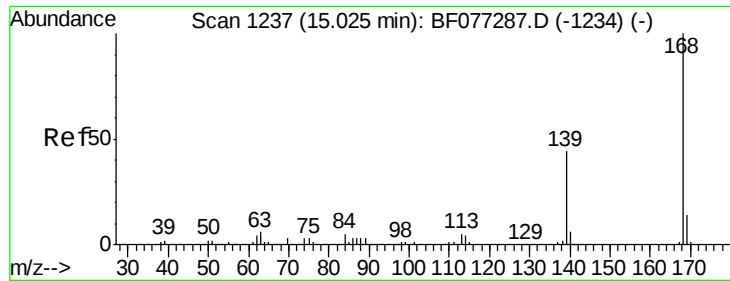
Acq: 12 Feb 2015 14:12

Tgt Ion:	154	Resp:	8867
Ion Ratio	Lower	Upper	
154	100		
153	102.7	92.5	138.7
152	50.6	42.1	63.1



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





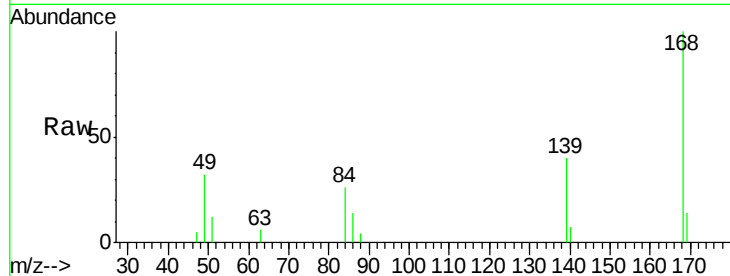
#54
Dibenzofuran
Concen: 2.54 ng
RT: 15.04 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

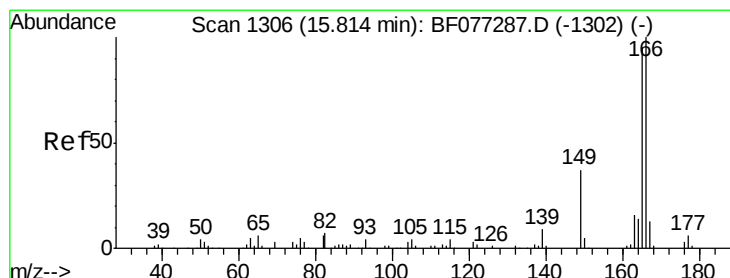
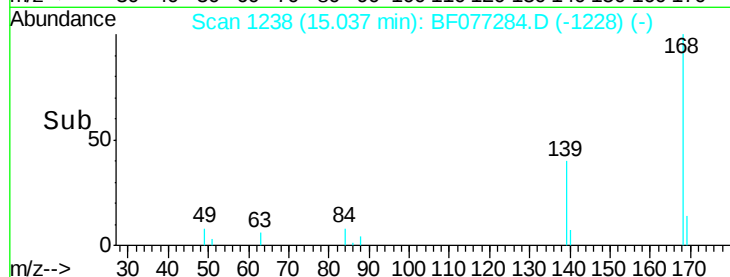
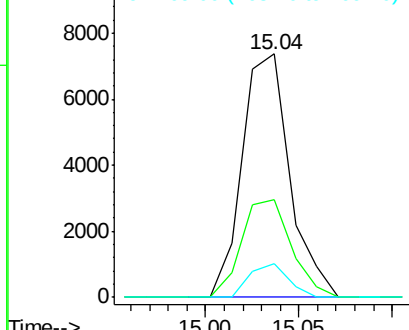
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	35.6	53.4
169	13.8	10.9	16.3

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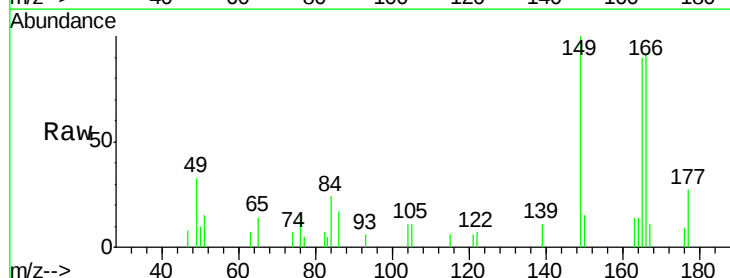


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

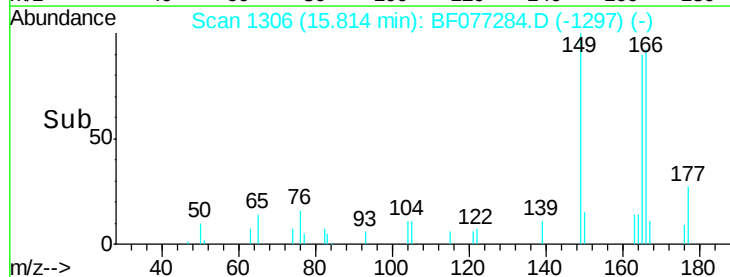
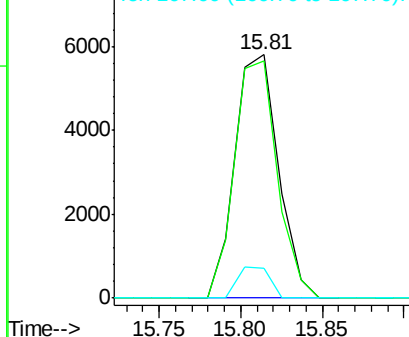


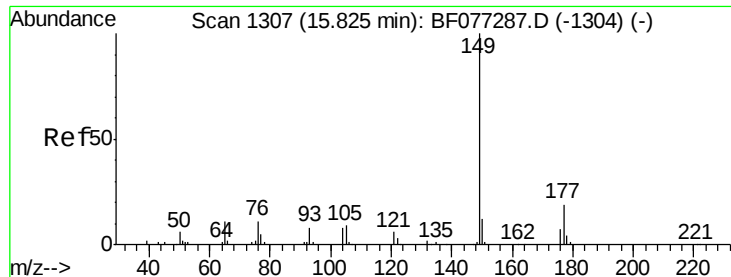
#57
Fluorene
Concen: 2.47 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	75.9	113.9
167	12.1	10.2	15.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





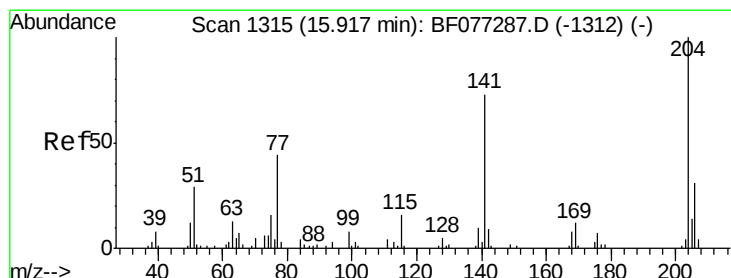
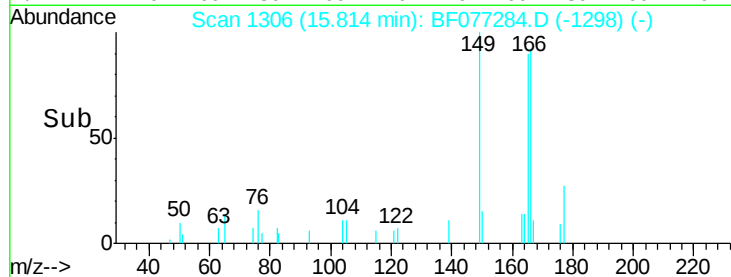
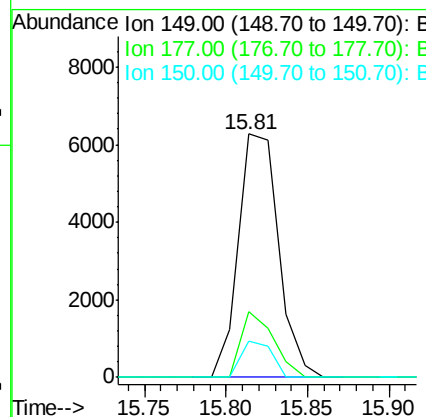
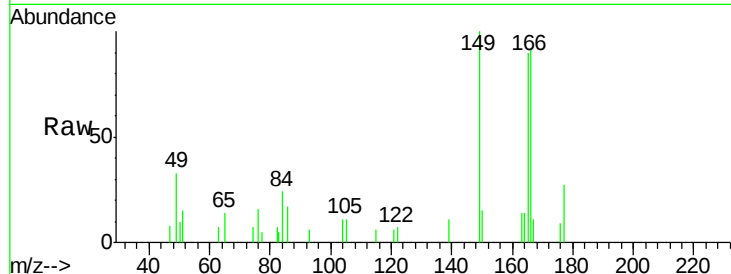
#59
Diethylphthalate
Concen: 2.44 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.9	15.0	22.4#
150	15.0	9.4	14.2#

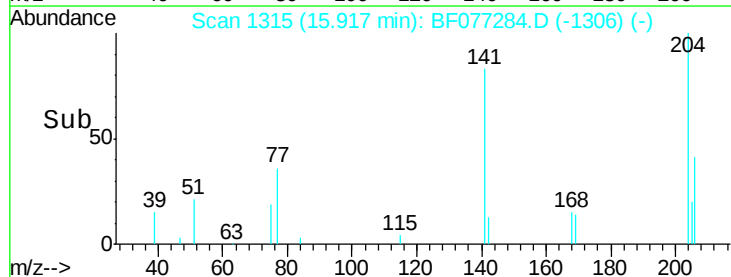
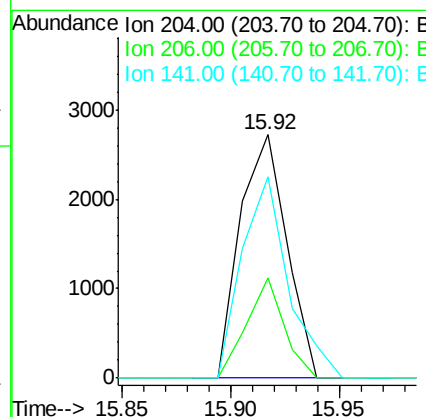
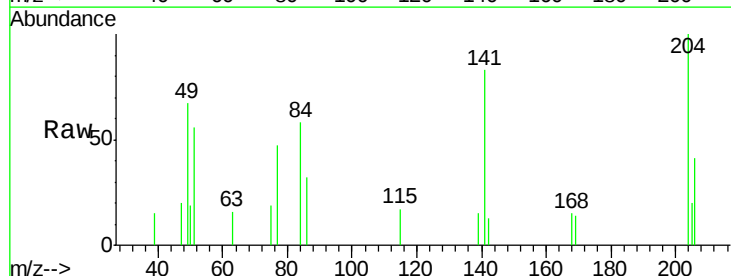
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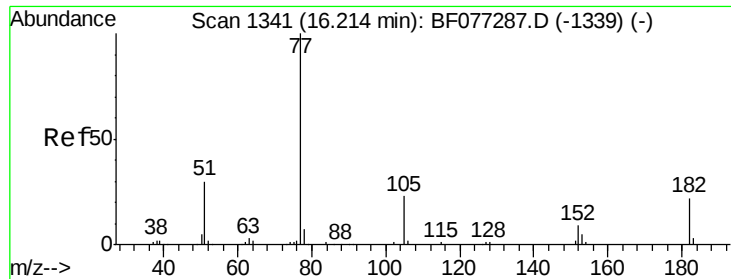
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#60
4-Chlorophenyl-phenylether
Concen: 2.27 ng
RT: 15.92 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	41.1	25.0	37.6#
141	82.8	58.6	87.8





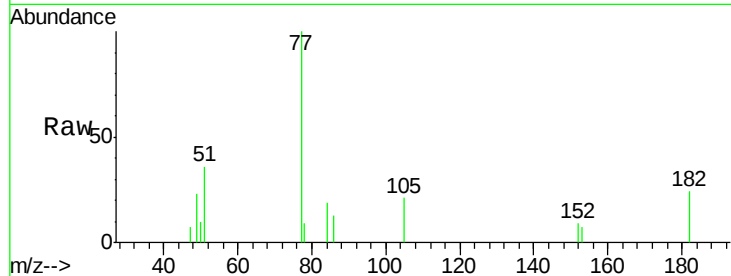
#62
Azobenzene
Concen: 2.62 ng
RT: 16.21 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

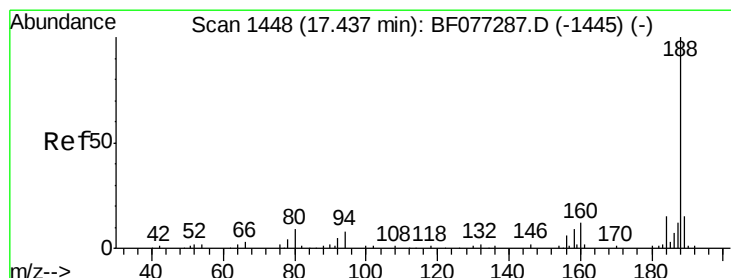
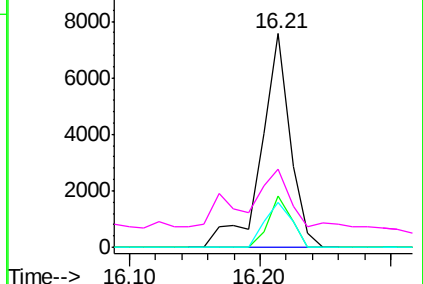
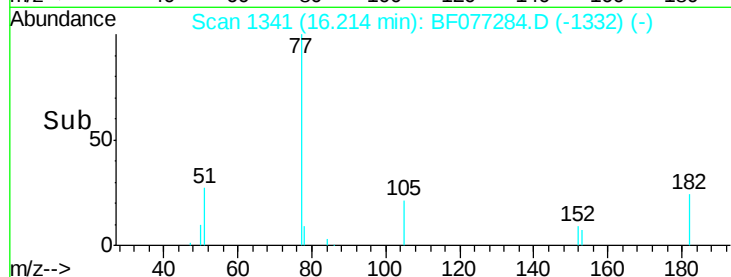
Tot Ion	77	Resp	11713
Ion Ratio	Lower	Upper	
77	100		
182	23.8	0.9	40.9
105	20.8	2.2	42.2
51	36.5	12.0	52.0

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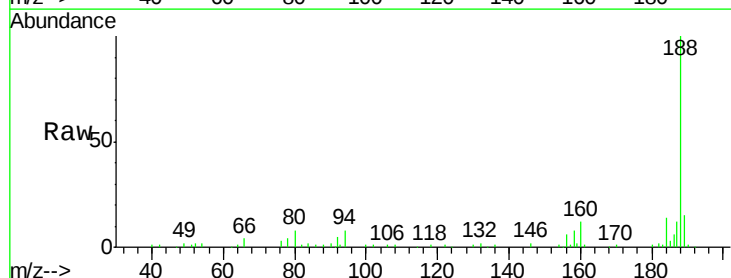


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

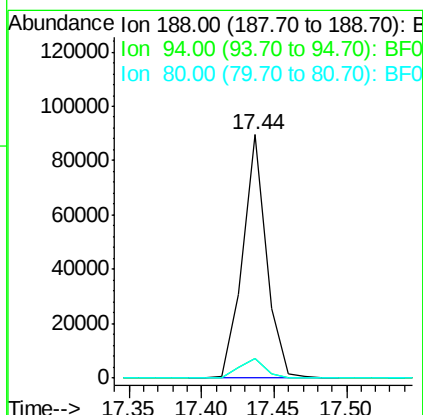
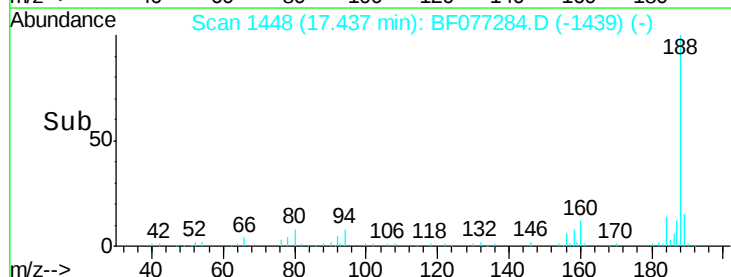


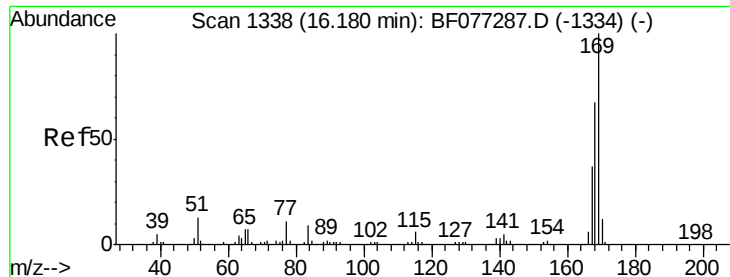
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	188	Resp	102352
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.5	9.7
80	8.1	7.1	10.7



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





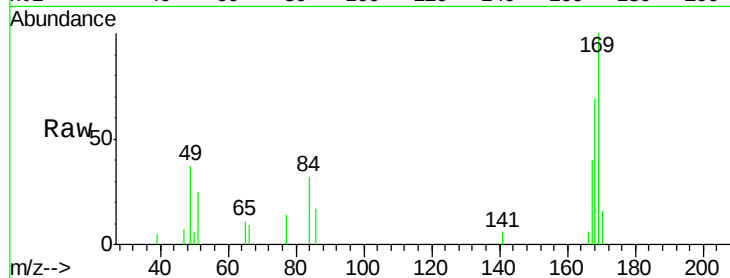
#65
n-Nitrosodiphenylamine
Concen: 2.34 ng
RT: 16.18 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

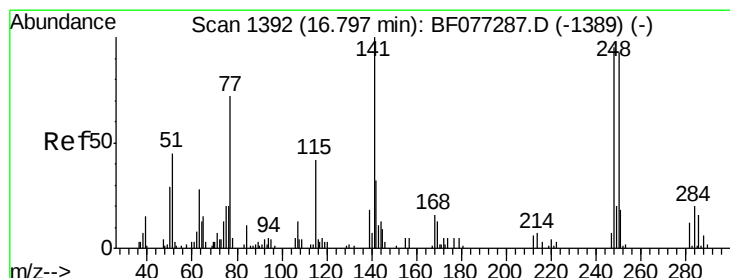
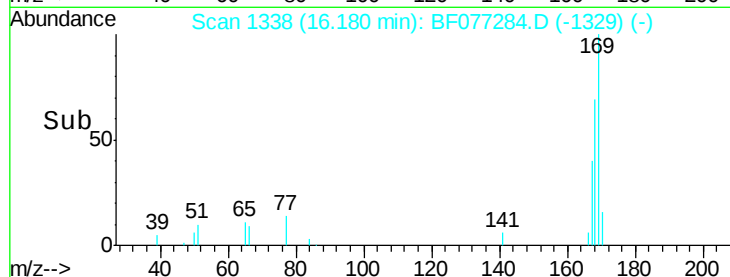
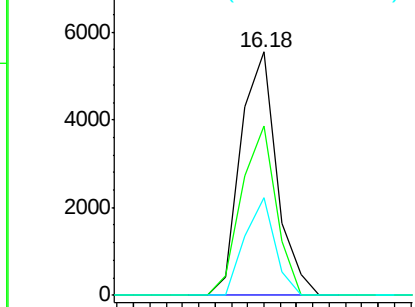
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.5	53.9	80.9
167	40.2	29.6	44.4

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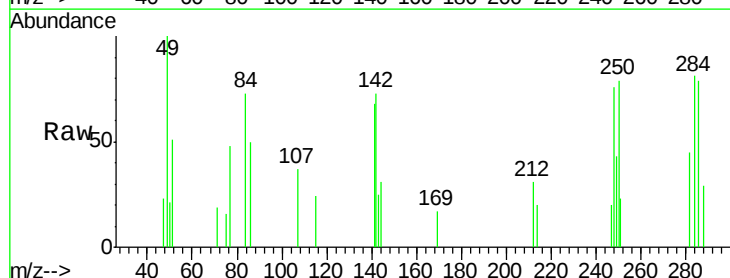


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

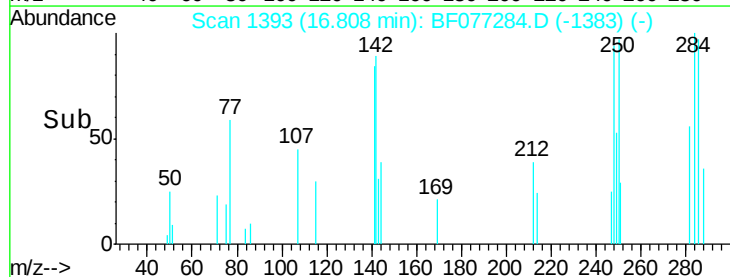
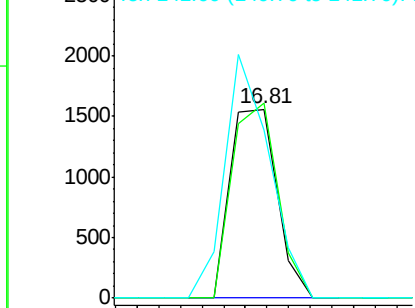


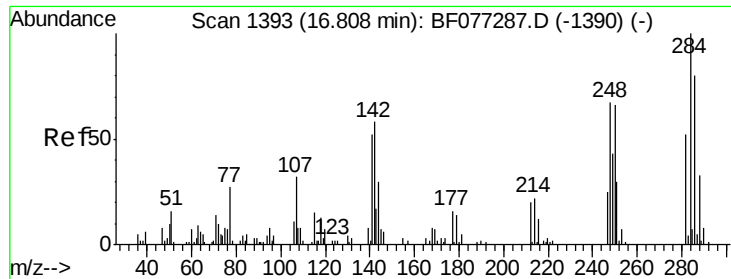
#66
4-Bromophenyl-phenylether
Concen: 2.26 ng
RT: 16.81 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	103.0	77.8	116.8
141	89.1	83.8	125.6



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





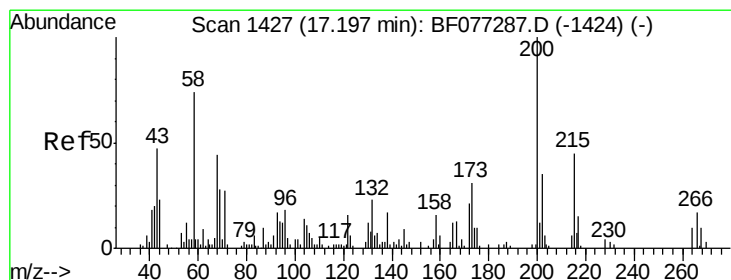
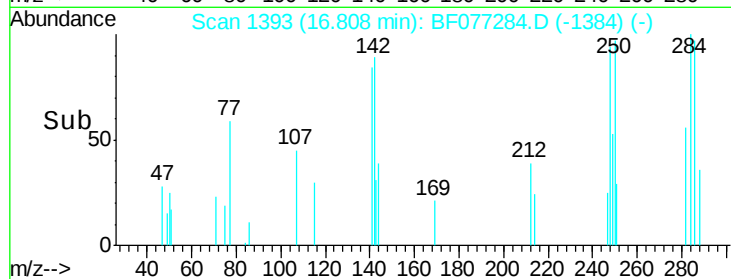
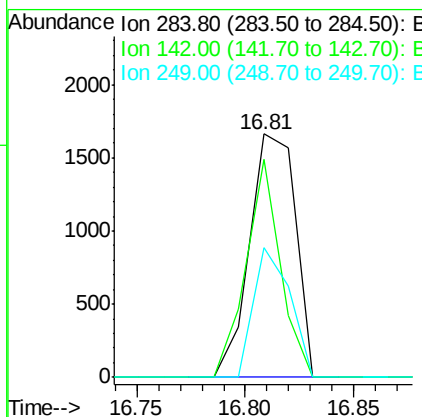
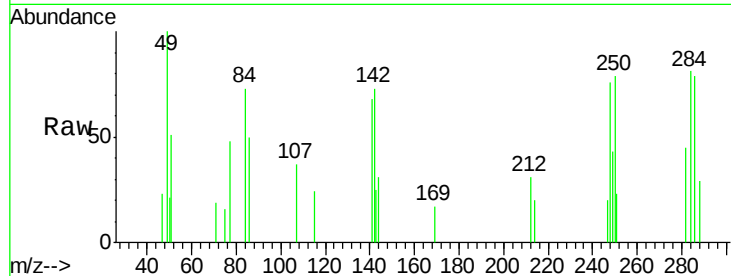
#67
Hexachlorobenzene
Concen: 2.24 ng
RT: 16.81 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDIC2.5

Tot Ion	Ratio	Resp	Lower	Upper
284	100	2448		
142	89.4	46.2	69.4#	
249	53.4	34.5	51.7#	

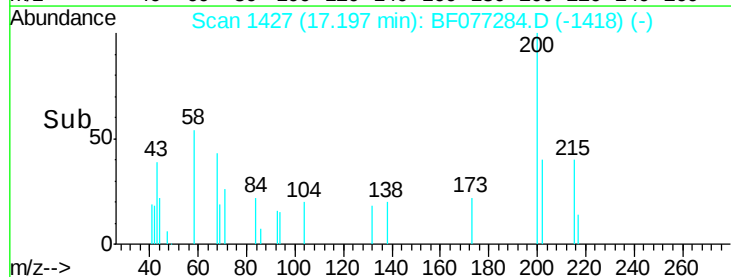
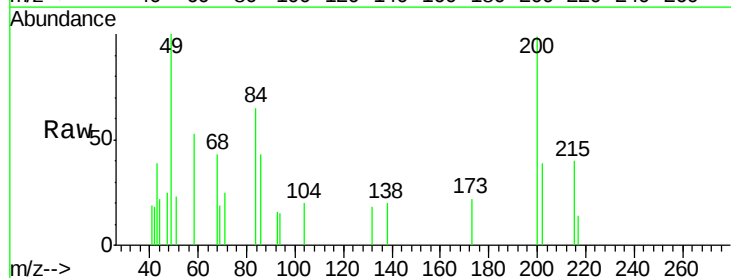
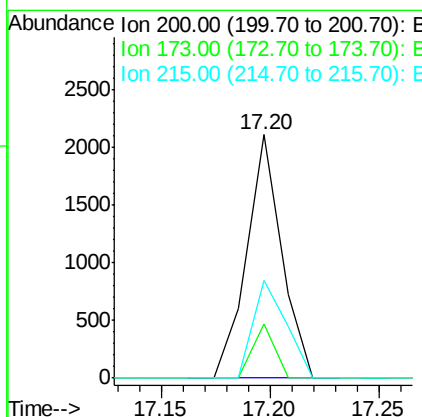
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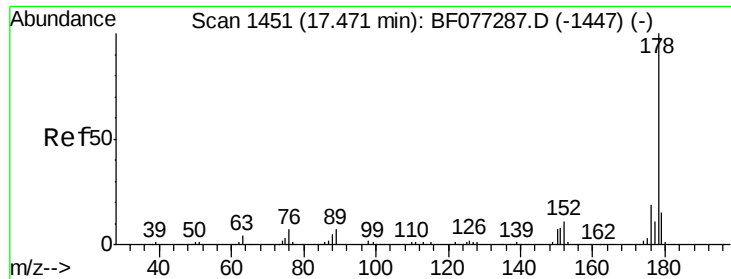
mohammad
2/13/2015 5:39:52 PM



#68
Atrazine
Concen: 2.17 ng
RT: 17.20 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	2359		
173	22.3	11.3	51.3	
215	40.4	25.3	65.3	





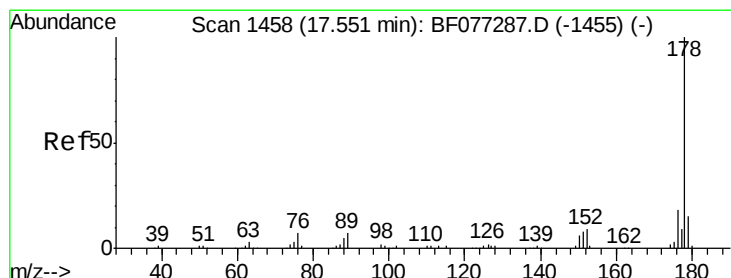
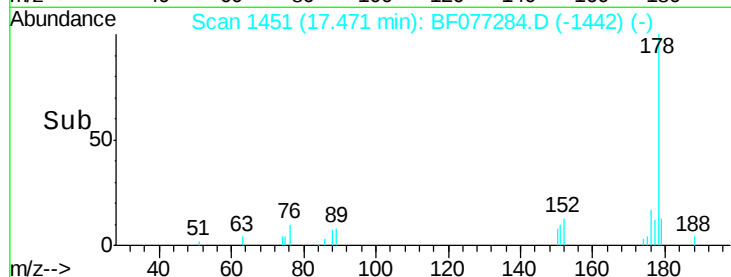
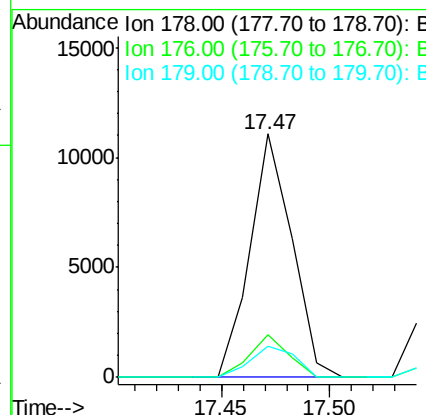
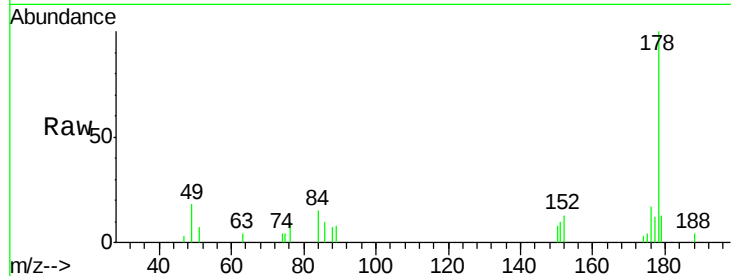
#70
 Phenanthrene
 Concen: 2.34 ng
 RT: 17.47 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Instrument :
 BNA_F
 LabSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.2	22.8
179	13.0	12.1	18.1

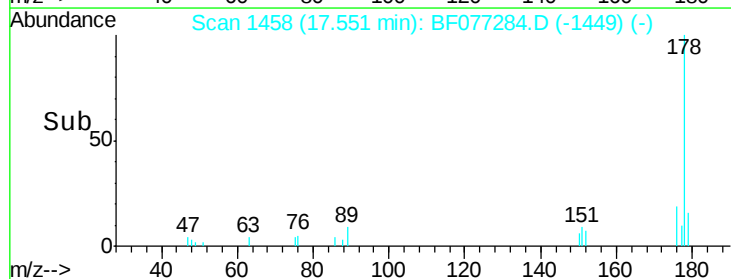
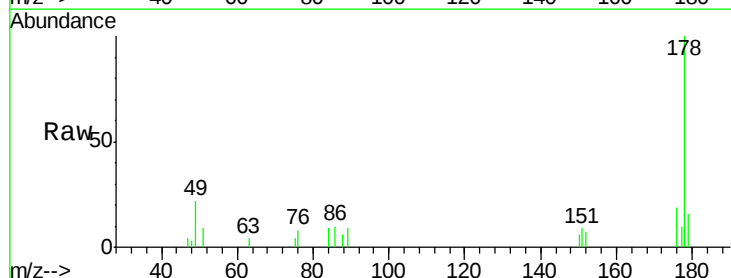
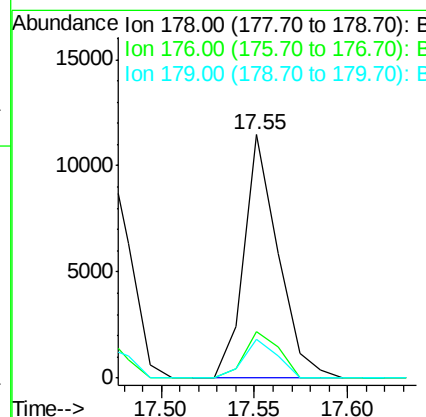
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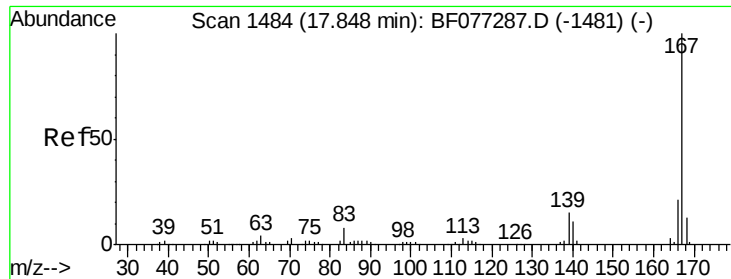
mohammad
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#71
 Anthracene
 Concen: 2.35 ng
 RT: 17.55 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	16.0	12.1	18.1





#72

Carbazole

Concen: 2.35 ng

RT: 17.86 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Instrument :

BNA_F

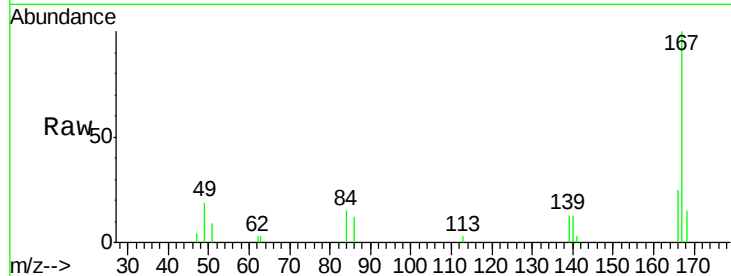
LabSampleId :

SSTDICC2.5

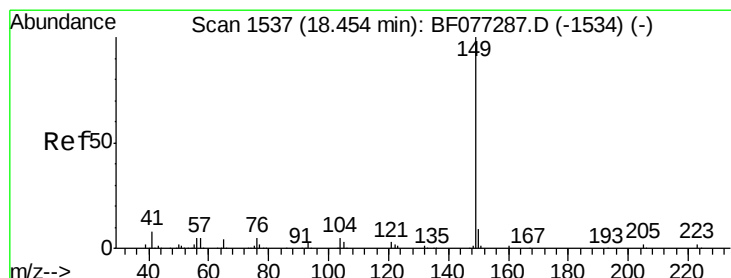
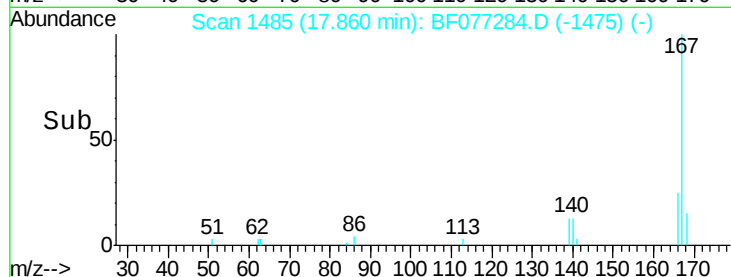
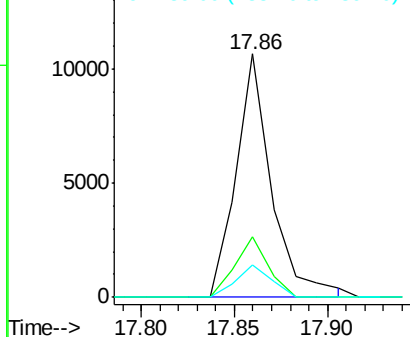
Tot Ion:	167	Resp:	14117
Ion Ratio	Lower	Upper	
167	100		
166	24.9	17.0	25.6
139	13.1	11.7	17.5

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 2.37 ng

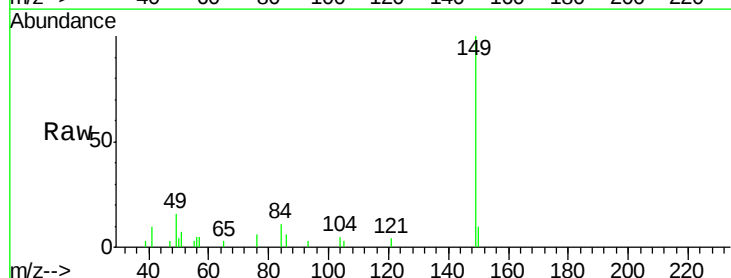
RT: 18.45 min Scan# 1537

Delta R.T. -0.00 min

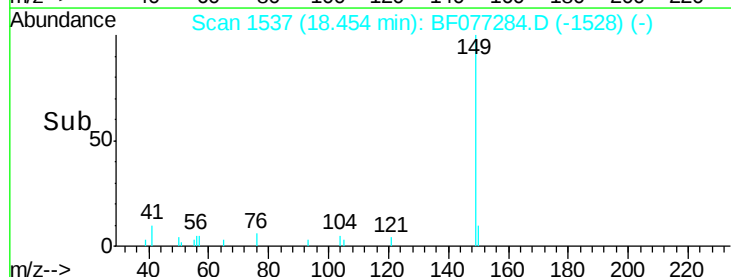
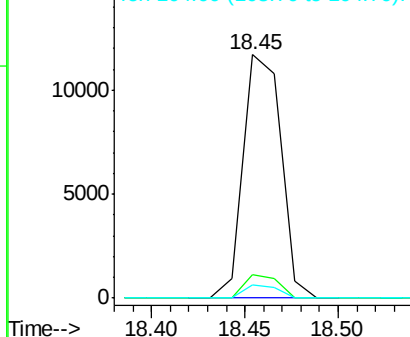
Lab File: BF077284.D

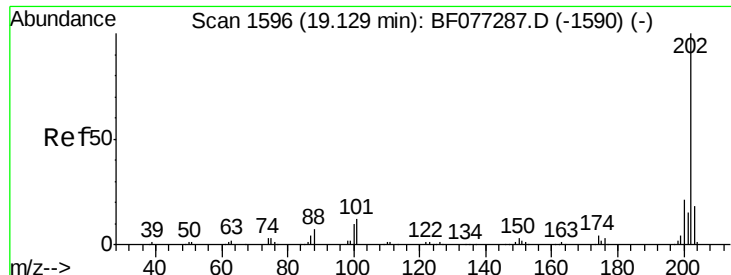
Acq: 12 Feb 2015 14:12

Tgt Ion:	149	Resp:	16669
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.4	11.2
104	5.2	4.2	6.2



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





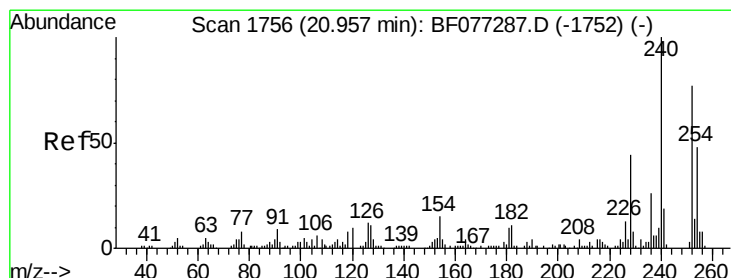
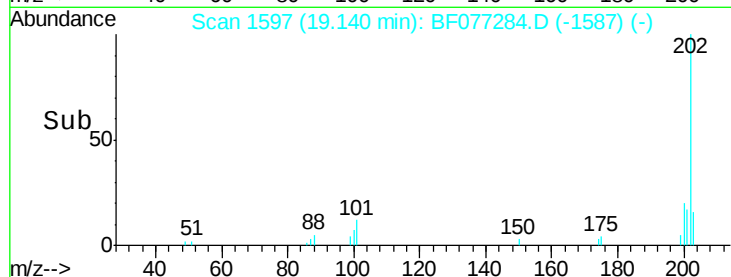
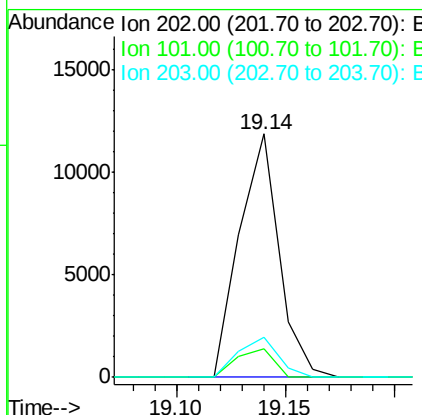
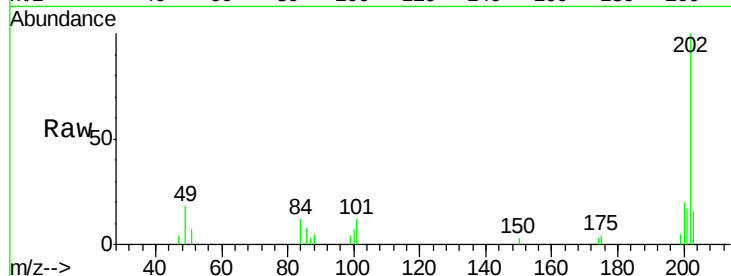
#74
 Fluoranthene
 Concen: 2.32 ng
 RT: 19.14 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Instrument :
 BNA_F
 LabSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	15014		
101	11.5	0.0	32.4	
203	16.4	0.0	37.8	

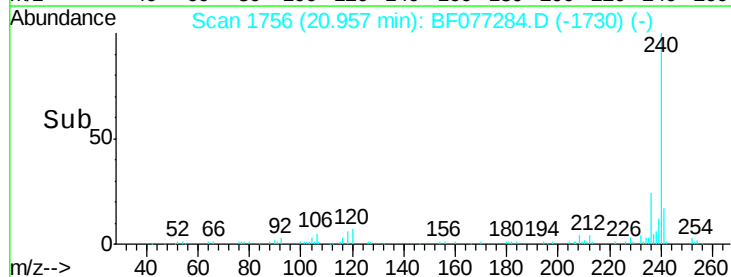
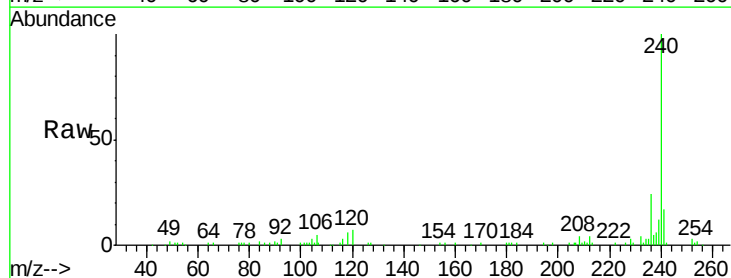
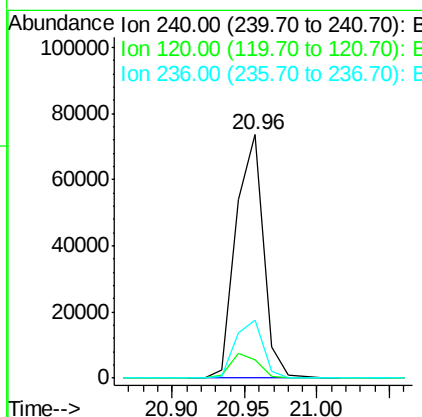
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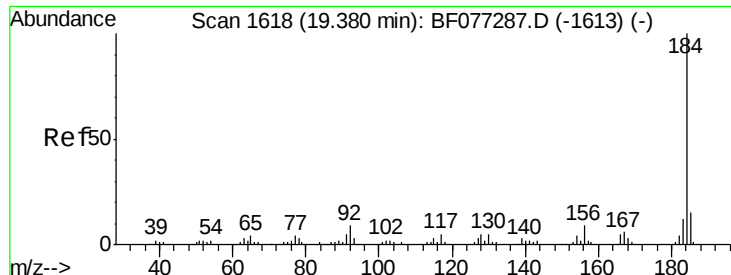
mohammad
 2/13/2015 5:39:52 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 20.96 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	96734		
120	7.3	7.8	11.8#	
236	24.1	20.4	30.6	





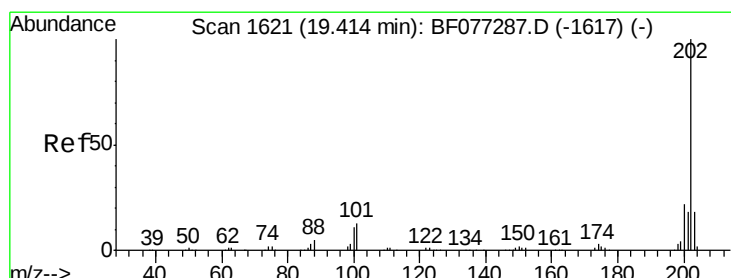
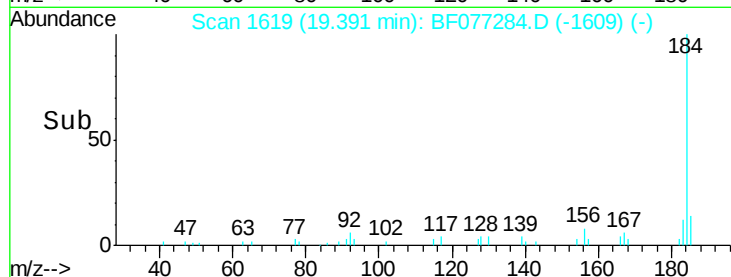
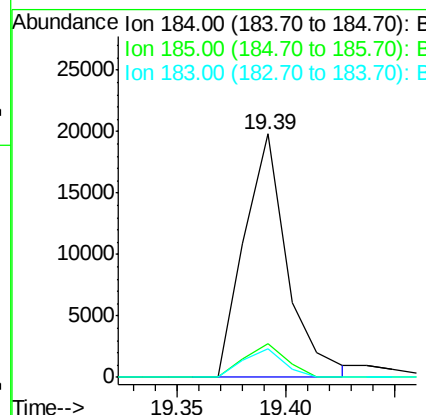
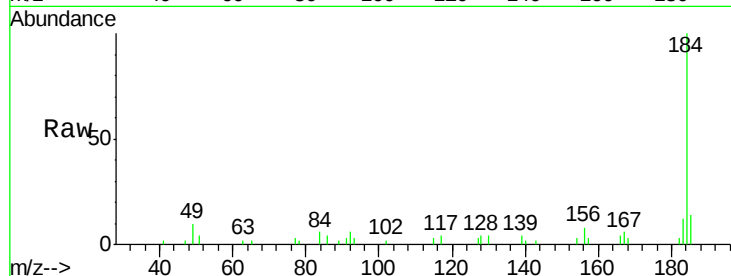
#76
Benzidine
Concen: 8.60 ng
RT: 19.39 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
184	100	27292		
185	13.9		11.8	17.6
183	11.7		9.3	13.9

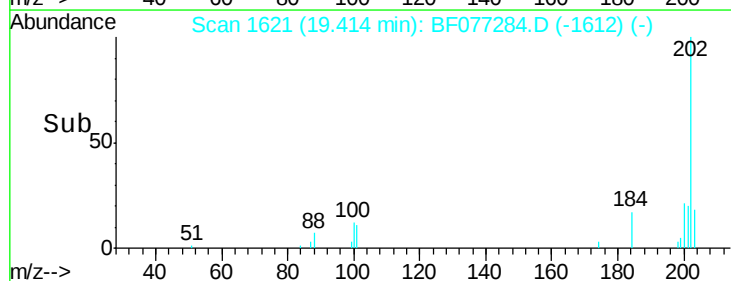
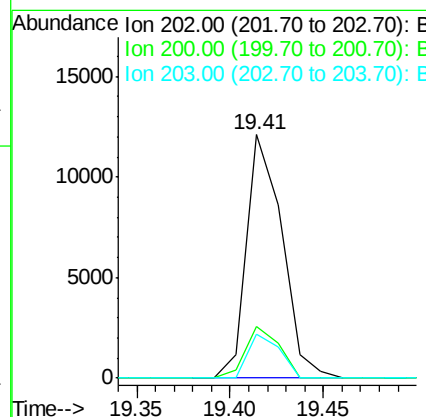
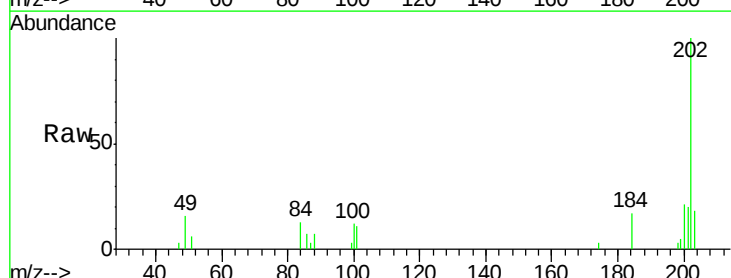
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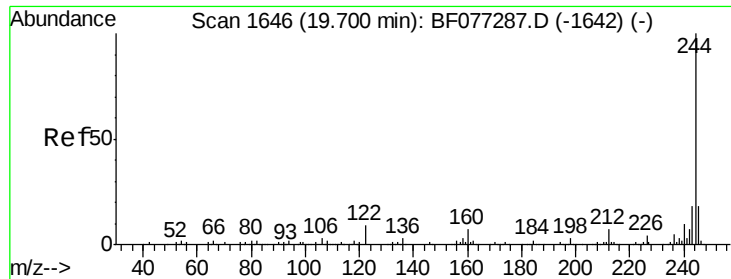
mohammad
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#77
Pyrene
Concen: 2.47 ng
RT: 19.41 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	16058		
200	21.4		17.4	26.0
203	18.1		14.1	21.1





#78

Terphenyl-d14

Concen: 5.02 ng

RT: 19.70 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Instrument :

BNA_F

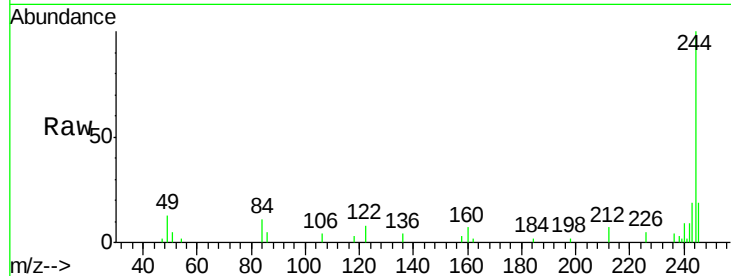
LabSampleId :

SSTDICC2.5

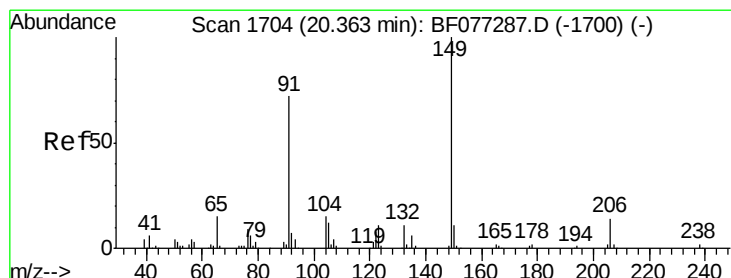
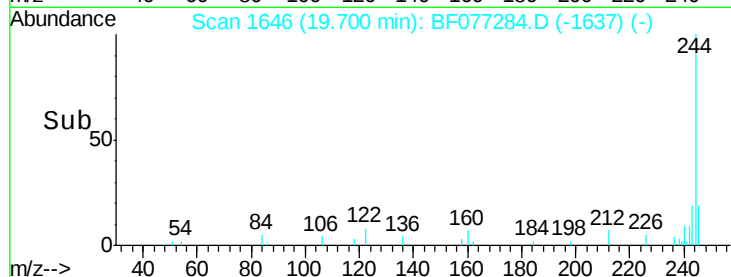
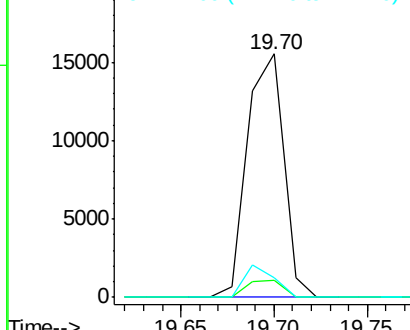
Tot Ion:	244	Resp:	21024
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.6	8.4
122	8.0	7.0	10.4

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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: 2.31 ng

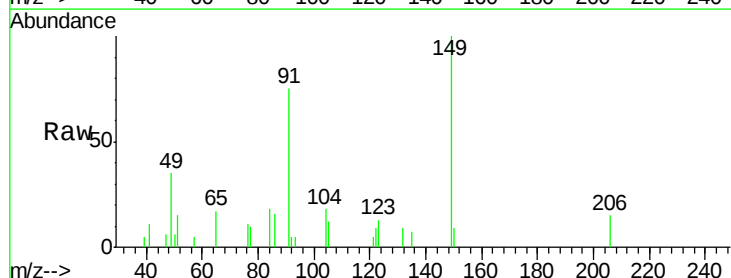
RT: 20.36 min Scan# 1704

Delta R.T. 0.00 min

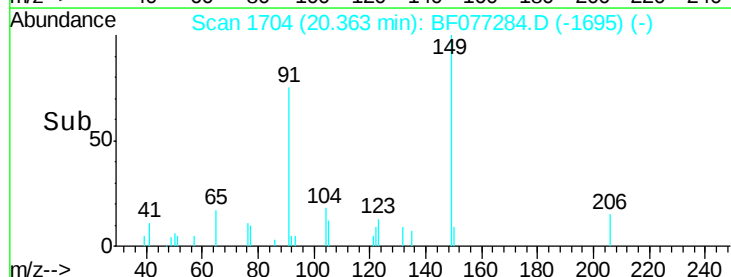
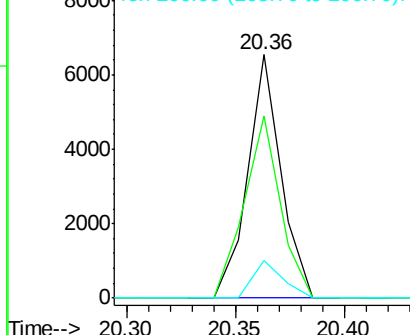
Lab File: BF077284.D

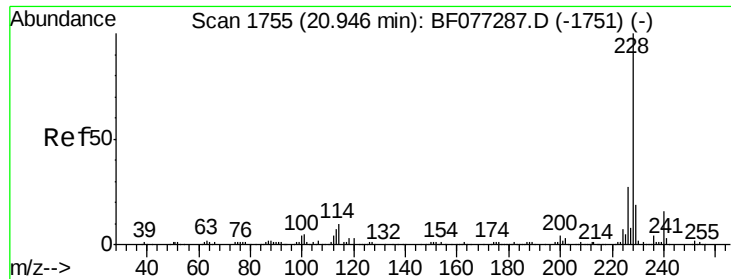
Acq: 12 Feb 2015 14:12

Tgt Ion:	149	Resp:	6958
Ion Ratio	Lower	Upper	
149	100		
91	75.1	57.3	85.9
206	15.4	11.6	17.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 2.48 ng

RT: 20.95 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Instrument :

BNA_F

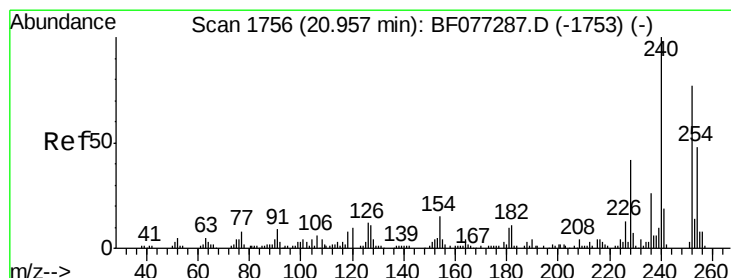
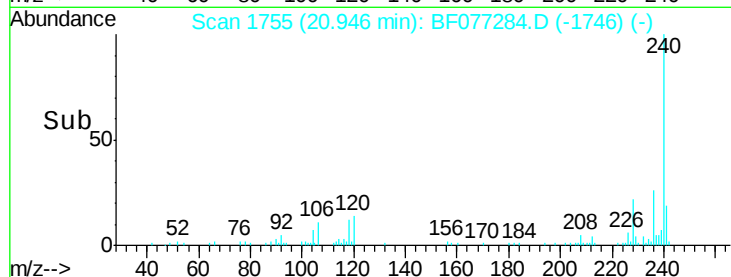
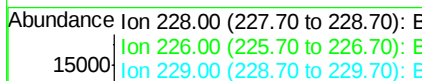
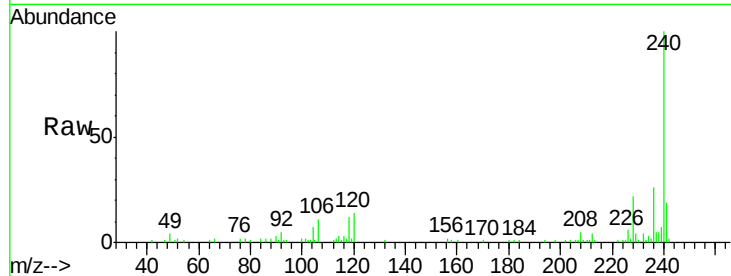
LabSampleId :

SSTDICC2.5

Tot Ion:	228	Resp:	14896
Ion Ratio	Lower	Upper	
228	100		
226	28.4	21.4	32.2
229	19.3	15.5	23.3

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#81

3,3'-Dichlorobenzidine

Concen: 2.35 ng

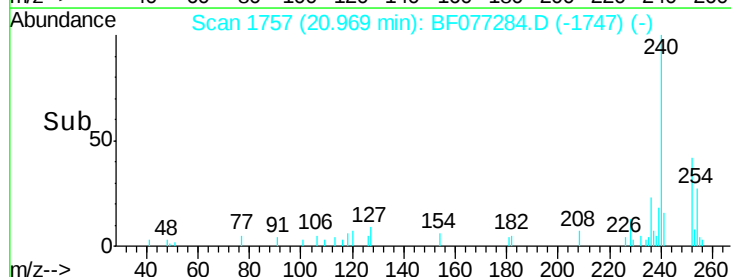
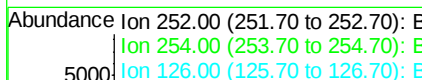
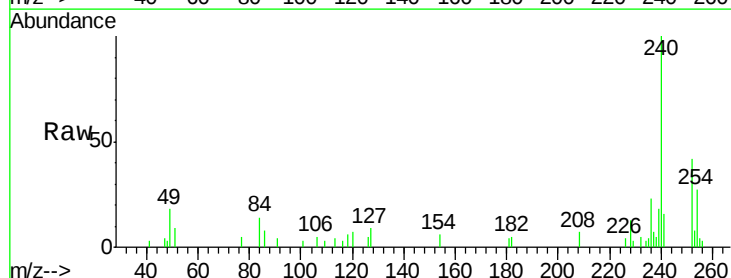
RT: 20.97 min Scan# 1757

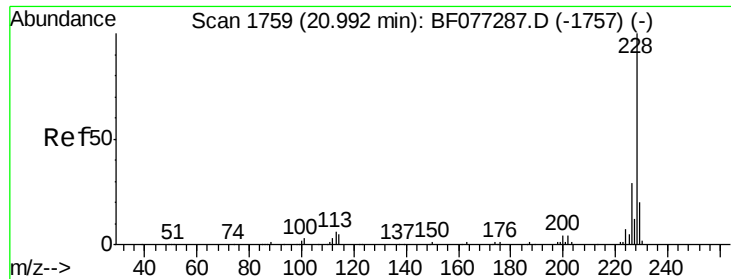
Delta R.T. 0.01 min

Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Tgt Ion:	252	Resp:	4598
Ion Ratio	Lower	Upper	
252	100		
254	62.6	49.5	74.3
126	12.7	12.6	19.0





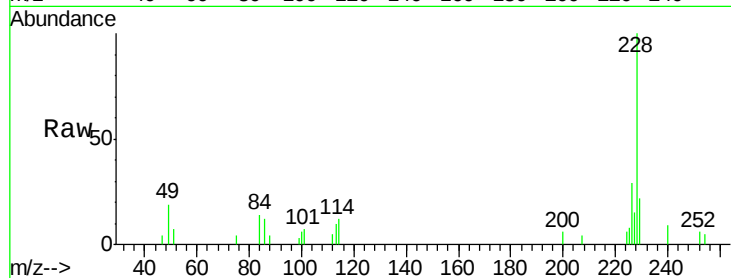
#82
 Chrvsene
 Concen: 2.39 ng
 RT: 20.98 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Instrument :
 BNA_F
 LabSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.3	36.5
229	22.3	15.8	23.8

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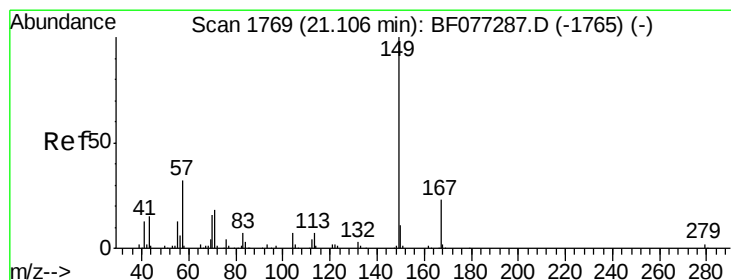
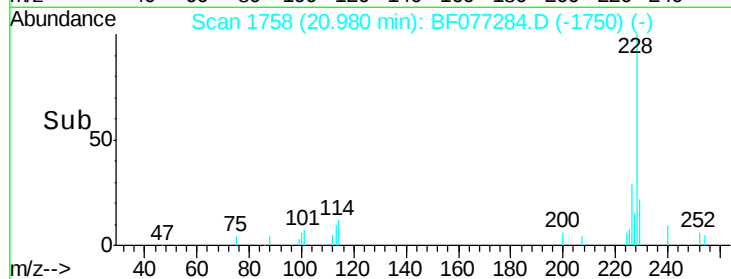
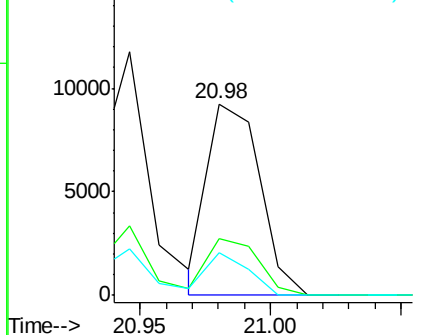


Abundance

Ion 228.00 (227.70 to 228.70): E

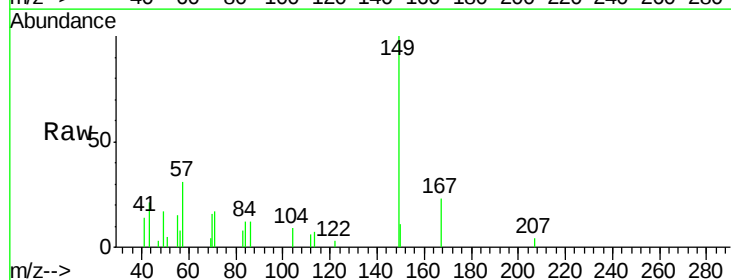
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.70 ng
 RT: 21.11 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BF077284.D
 Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.4	18.6	28.0
279	0.0	1.5	2.3#

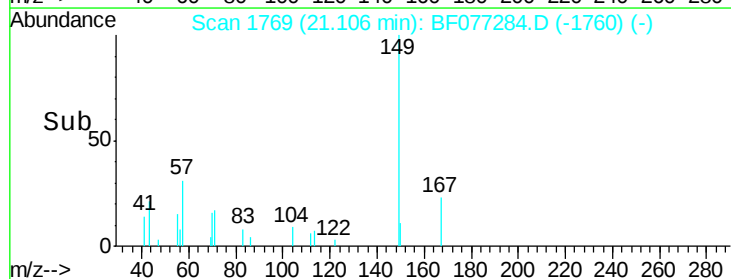
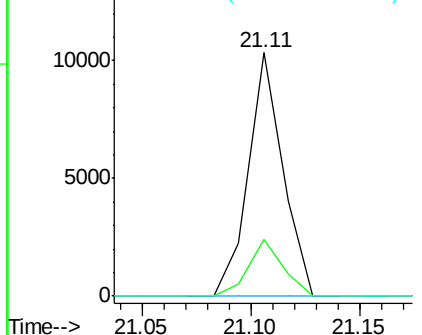


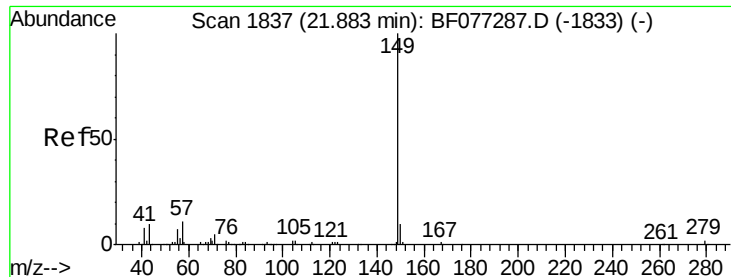
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





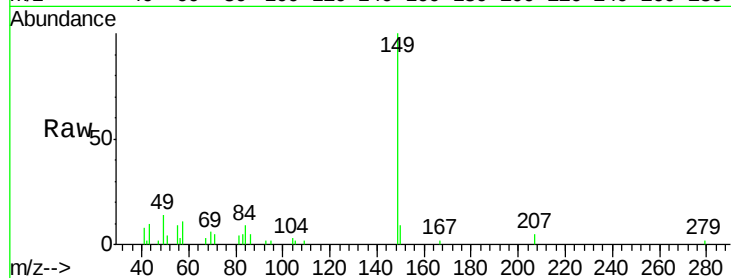
#84
Di-n-octyl phthalate
Concen: 2.55 ng
RT: 21.87 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

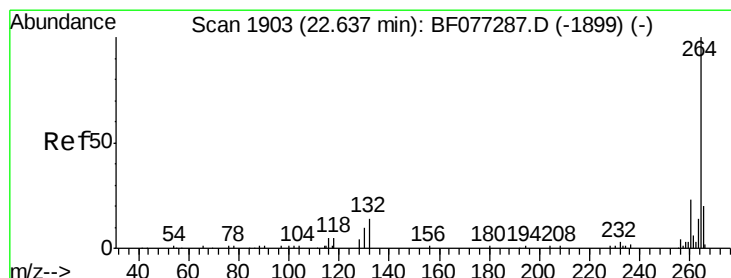
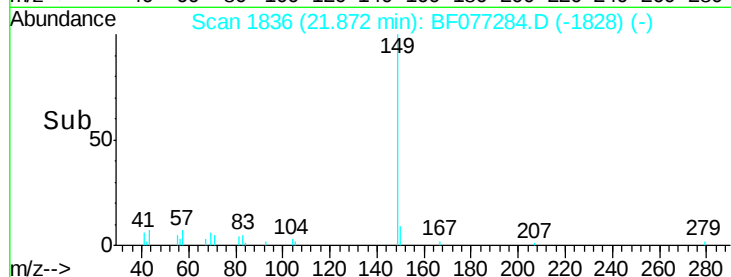
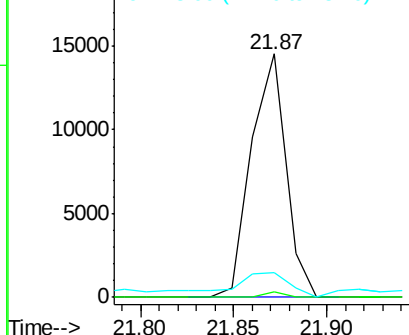
Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.3	1.1	1.7
43	14.0	7.3	10.9

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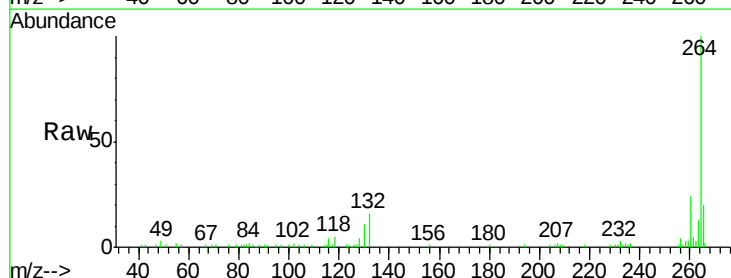


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

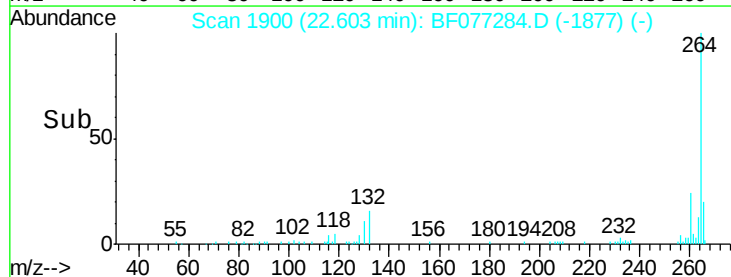
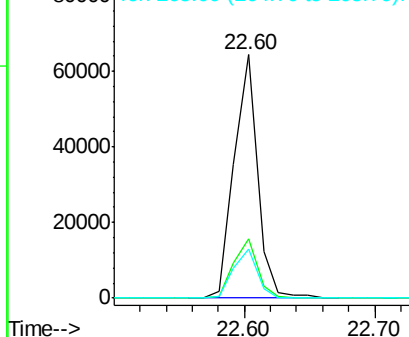


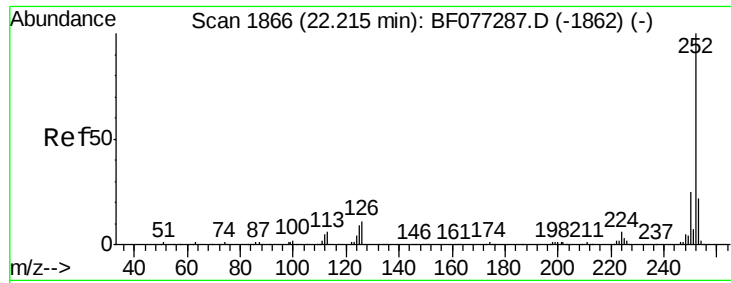
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.60 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.3	18.6	27.8
265	20.3	16.2	24.2



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





#87

Benzo(b)fluoranthene

Concen: 2.33 ng m

RT: 22.19 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Instrument :

BNA_F

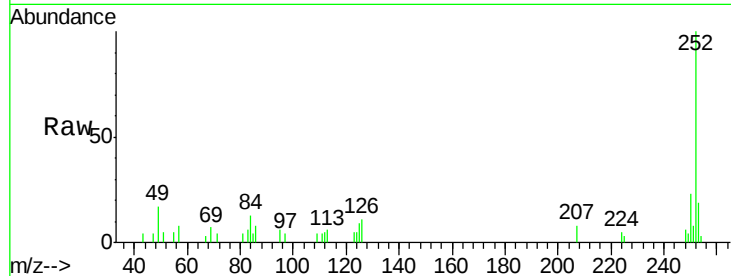
LabSampleId :

SSTDICC2.5

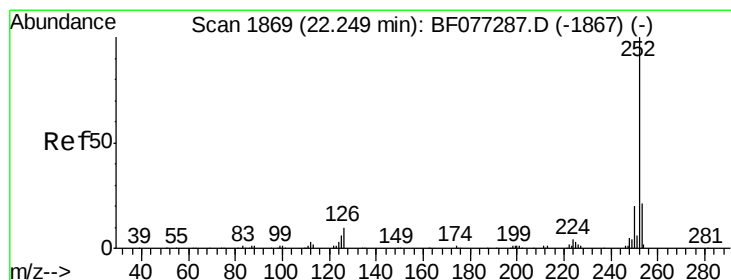
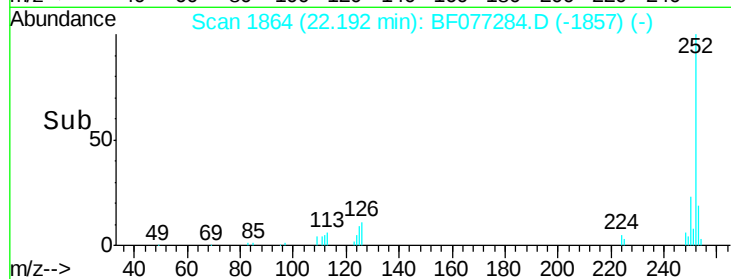
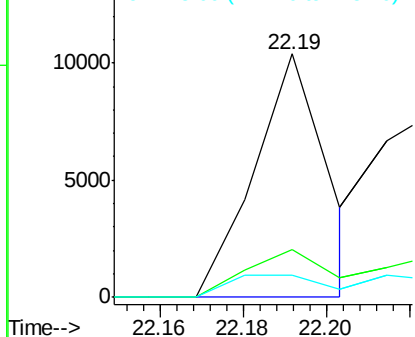
Tot Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.4	26.2
125	9.4	7.1	10.7

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



#88

Benzo(k)fluoranthene

Concen: 2.46 ng m

RT: 22.23 min Scan# 1867

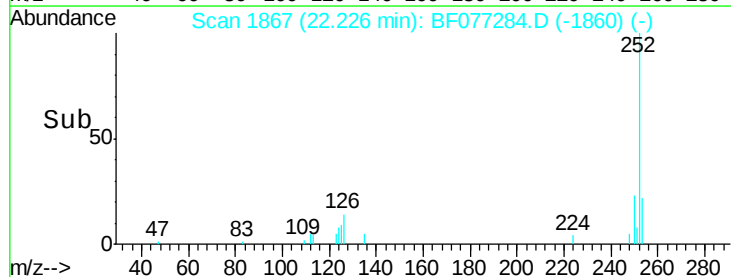
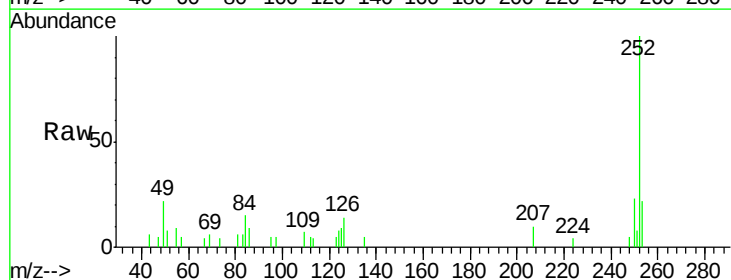
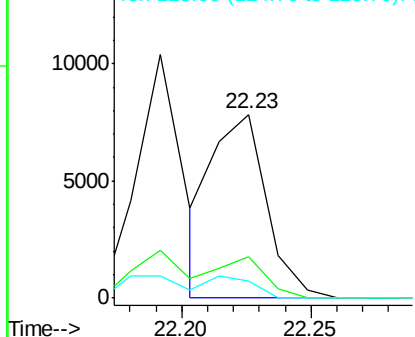
Delta R.T. -0.02 min

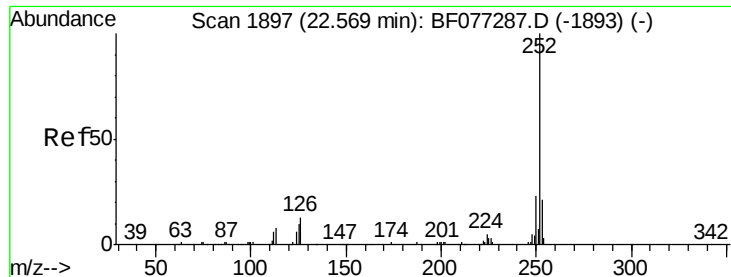
Lab File: BF077284.D

Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.6	24.8
125	9.0	5.8	8.8#

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





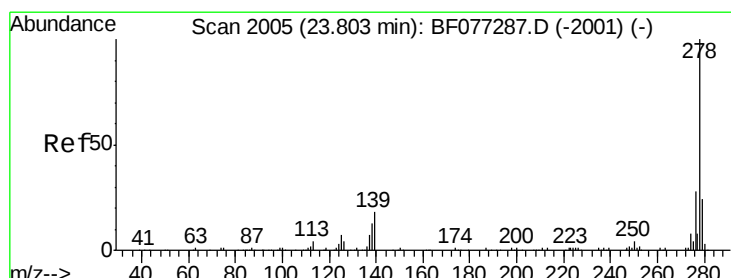
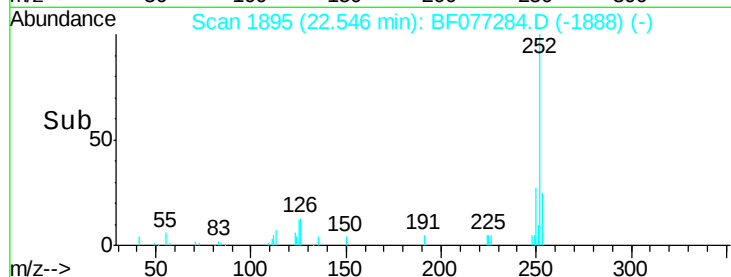
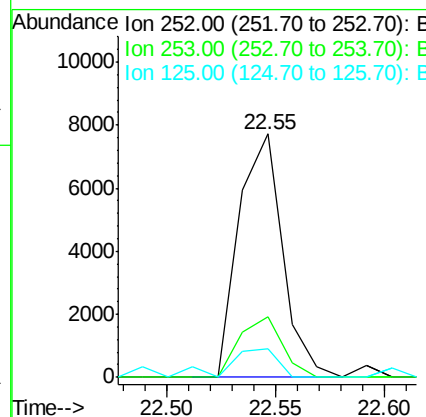
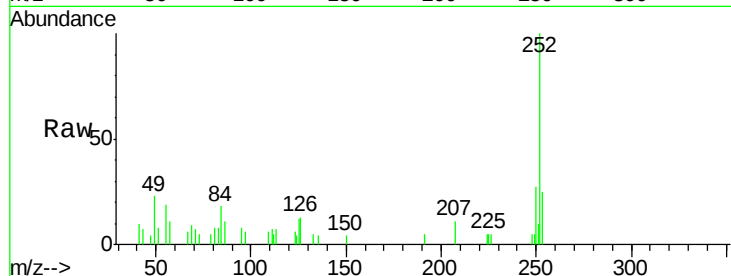
#89
Benzo(a)pyrene
Concen: 2.26 ng
RT: 22.55 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.2	25.8
125	11.7	8.2	12.4

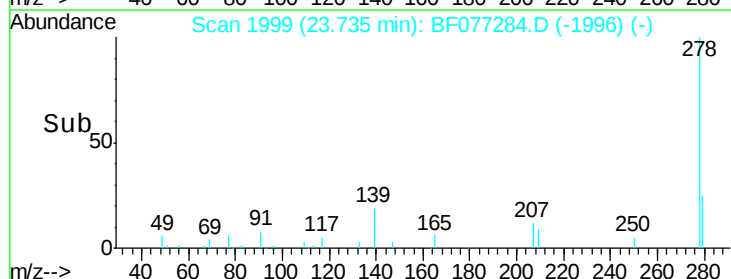
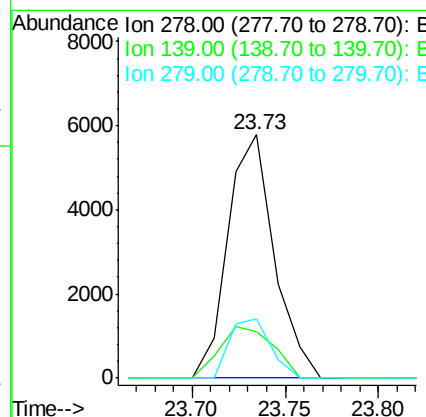
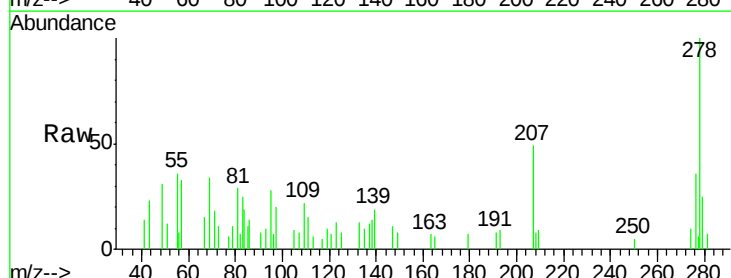
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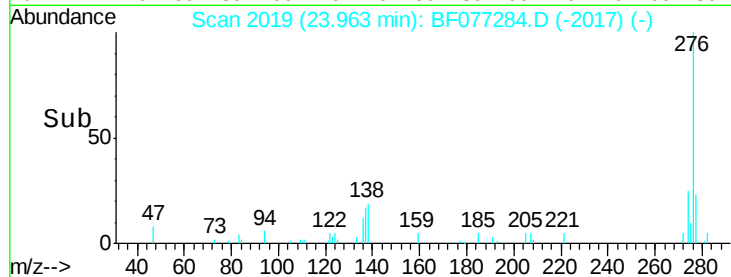
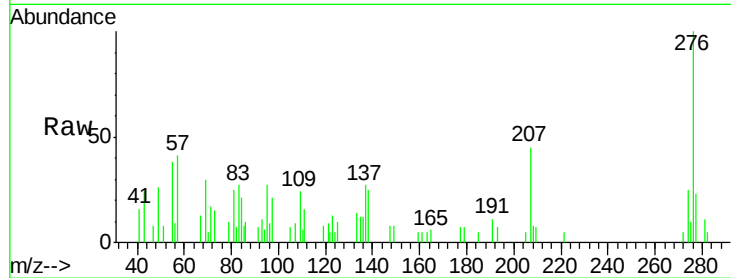
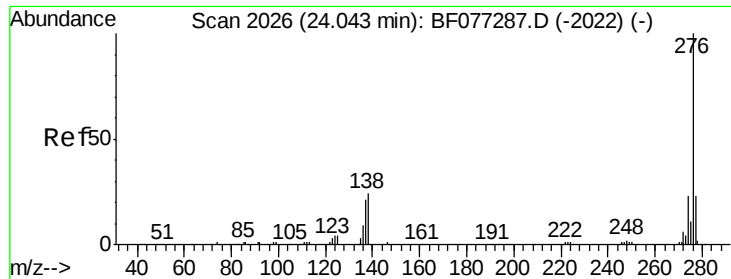
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#90
Dibenzo(a,h)anthracene
Concen: 2.32 ng
RT: 23.73 min Scan# 1999
Delta R.T. -0.07 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	14.2	21.2
279	24.6	18.9	28.3





#91
Benzo(a,h,i)perylene
Concen: 2.28 ng
RT: 23.96 min Scan# 2019
Delta R.T. -0.08 min
Lab File: BF077284.D
Acq: 12 Feb 2015 14:12

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.7	28.1
138	24.6	19.1	28.7

Manual Integrations
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